

217 Arlington Avenue KENSINGTON, CA 94707

ISSUED FOR BUILDING PERMIT APRIL 1ST, 2022

KENSINGTON PUBLIC SAFETY BUILDING

ISSUED FOR BUILDING PERMIT

APPROVALS:

BILL HANSEL Kensington General Manager

CITY OF KENSINGTON

KENSINGTON FIRE PROTECTION DISTRICT 217 Arlington Avenue, Kensington CA 94707 (510) 527-8395

CONTRA COSTA COUNTY

CONSERVATION AND DEVELOPMENT DEPARTMENT 30 Muir Road, Martinez, CA 94553 (925) 655-2700

ARCHITECT

MARJANG ARCHITECTURE 930 Cole Street, Suite 101, San Francisco CA 94070 (415) 522-0600

STRUCTURAL ENGINEERING

ZFA STRUCTURAL ENGINEERS 1390 El Camino Real, Suite 100, San Carlos, CA 94070 (650) 394-8869

CIVIL ENGINEERING

BKF ENGINEERS 1646 N. California Boulevard, Suite 400, Walnut Creek, CA 94596 (510) 879-4544

MECHANICAL ENGINEERING

LIST ENGINEERING COMPANY 2 Harris Court, Suite A7, Monterey CA 93940 (831) 373-4390

GEOTECHNICAL ENGINEER

HALEY ALDRICH 1956 Webster Street, #300, Oakland CA 94612 (510) 879-4544

SPECIAL SYSTEMS, SECURITY, & ACOUSTICAL ENGINEERING

SMITH, FAUSE, & MCDONALD INC. 351 8th Street, San Francisco CA 94103 (415) 255-9140

ESTIMATOR

MICROESTIMATION INC. 850 S. Van Ness Avenue, #26, San Francisco CA 94110 (415) 255-9140

GENERAL NOTES

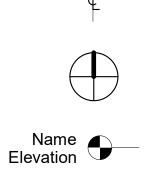
- 1. ALL CONSTRUCTION AND DETAILS SHALL BE COMPLETED IN FULL COMPLIANCE WITH 2019 UNIFORM BUILDING CODE, 2019 CALIFORNIA RESIDENTIAL CODE, 2019 CALIFORNIA BUILDING CODE, 2019 CALIFORNIA MECHANICAL CODE, 2019 CALIFORNIA ELECTRICAL CODE, 2019 CALIFORNIA FIRE CODE, 2019 CALIFORNIA PLUMBING CODE, 2019 CALIFORNIA PLUMBING CODE, 2019 CALIFORNIA ENERGY CODE, AND ALL OTHER APPLICABLE LOCAL AND STATE CODES AND REQUIREMENTS. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, LAWS, ORDINANCES AND ORDERS BY ANY PUBLIC AUTHORITY HAVING JURISDICTION OF THE PROJECT.
- THE CONTRACTOR AND HIS/HER SUB-CONTRACTORS SHALL STUDY AND 2. COMPARE THE CONTRACT DOCUMENTS AND SHALL AT ONCE REPORT TO THE ARCHITECT IN WRITING ALL ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING THE WORK. IF THE CONTRACTOR PROCEEDS WITH ANY OF THE WORK SO AFFECTED WITHOUT WRITTEN INSTRUCTIONS OF THE ARCHITECT, THE CONTRACTOR SHALL MAKE GOOD AT HIS OWN COST ANY RESULTING ERROR, DAMAGE, OR DEFECTS. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK WITHOUT CONTRACT DOCUMENTS OR, WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES FOR SUCH PORTION OF THE WORK.
- 3. THE INTENT OF THESE DRAWINGS IS TO PROVIDE A COMPLETE AND FINISHED JOB IN ALL RESPECTS. CONTRACTOR TO MAKE ACCURATE FIELD INSPECTIONS OF ALL ASPECTS OF THE JOB, VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK, AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. EXTRAS WILL NOT BE ALLOWED UNLESS AUTHORIZED BY THE OWNER AND ARCHITECT BY WRITTEN CHANGE ORDER. ALL GRID LINES AND DIMENSIONS ARE TO CENTER LINE OF 4
- ARCHITECTURAL ELEMENT, CENTER LINE OF STUD, OR FACE OF FINISH UNLESS OTHERWISE NOTED. ONLY WRITTEN DIMENSIONS ON DRAWINGS SHALL BE CONSIDERED FOR DIMENSIONING PURPOSES. DO NOT SCALE DRAWINGS.
- BUILDING CODE REQUIREMENTS TAKE PRECEDENCE OVER THE 5. DRAWINGS AND IT SHALL BE THE RESPONSIBILITY OF ANYONE SUPPLYING LABOR OR MATERIALS OR BOTH TO CONFORM WITH THE CODE, AND TO BRING TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCIES OR CONFLICTS BETWEEN THE REQUIREMENTS OF THE CODE AND THE DRAWINGS.
- 6. CONTRACTOR SHALL CHECK WITH ALL EQUIPMENT AND PRODUCT MANUFACTURERS TO VERIFY DIMENSIONS AND DETAILS PRIOR TO THE COMMENCEMENT OF WORK.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING. MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTION PROGRAMS IN CONNECTION WITH WORK, AND FOR MAINTAINING APPROPRIATE INSURANCE TO
- PROTECT THE CONTRACTOR, THE OWNER AND THE ARCHITECT. CONTRACTOR SHALL ERECT AND MAINTAIN TEMPORARY BARRICADES 8. AND DUST-PROOF PARTITIONS AS NEEDED FOR PROTECTION AGAINST ACCIDENT, AND SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF HIS/HER ONGOING WORK AND THE OWNER'S PROPERTY FROM DAMAGE OR LOSS ARISING IN CONNECTION WITH ANY CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AT THE 9. JOB AS NECESSARY AND REQUIRED BY CODE. 10. IMPROVEMENTS ON THE JOB SITE, WORK IN PROGRESS, STORED
- MATERIALS AND PUBLIC AND PRIVATE IMPROVEMENTS ON THE PREMISES SHALL BE PROTECTED BY THE CONTRACTOR FROM DAMAGE ARISING FROM THE WORK. ALL DAMAGE SO OCCURRING SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO OWNER OR ARCHITECT.
- NO PART OF THE STRUCTURE SHALL BE OVERLOADED BEYOND ITS SAFE 11. CARRYING CAPACITY BY THE PLACING OF MATERIALS, EQUIPMENT, TOOLS, MACHINERY OR ANY OTHER ITEMS. 12. WHERE SPECIFIED ITEMS ARE MENTIONED. THE CONTRACTOR MAY
- SUBMIT ALTERNATE MATERIALS FOR APPROVAL BY THE OWNER AND THE ARCHITECT. ANY CHANGE, MODIFICATION OR INTERPRETATION OF THE SCOPE OR
- 13. REQUIREMENTS OUTLINED WITHIN THESE DOCUMENTS, UNDERTAKEN WITHOUT CONSULTATION WITH THE ARCHITECT (OR ANY UNFORESEEN CONDITIONS RESULTING THEREFROM) SHALL BE THE RESPONSIBILITY OF THE OWNER OR CONTRACTOR RESPECTIVELY. AS STIPULATED WITHIN THE OWNER/ARCHITECT AGREEMENT, THE ARCHITECT SHALL BE HELD HARMLESS FROM ANY CLAIMS RESULTING FROM SUCH ACTIVITY. 14.
- BUILDING APPROVED HVAC MECHANICAL ENGINEER TO REVIEW DRAWINGS AND EXISTING SYSTEM TO CONFIRM CODE COMPLIANCE, AND COMPLETE WORK AS NECESSARY TO MEET BUILDING CODE.

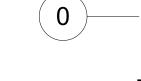
GENERAL NOTES SCALE: 1/2" = 1'-0"

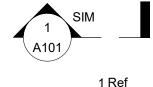
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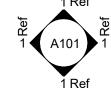
ADJ.	Adjacent
A.F.F.	Above Finish Floor
@	At
BD.	Board
BETW.	Between
BLKG.	Blocking
BM. C.J.	Beam Control Joint
C.J. C.L.	Center Line
CLNG.	Ceiling
CLR.	Clear
COL.	Column
CONC.	Concrete
CONST.	Construction
CONT.	Continuous
DBL. DIA.	Double Diameter
DIA. DIM.	Dimension
DN.	Down
DR.	Door
DTL.	Detail
DWG.	Drawing
EA.	Each
EL.	Elevation
ELEC. ELEV.	Electrical Elevator
ELEV. EQ.	Equal/Equal To
EQUIP.	Equipment
EXP.	Expansion
EXT.	Exterior
(E)	Existing
F.F.	Finish Floor
FLR.	Floor
FLUOR. FIN.	Fluorescent Finish
F.O.	Face Of
F.O.S.	Face of Stud
F.O.W.	Face of Wall
GA.	Gauge
GR.	Grade
GSM	Galvanized Sheet Metal
GYP. BD.	Gypsum Board Hollow Core
H.C. H.M.	Hollow Metal
HR.	Hour
HT.	Height
INS.	Insulation
INT.	Interior
JT.	Joint

LEV. LOC. MAX. MECH. MEMB. MFR. MIN. MTD. MTD. MTD. NO. (N) O.C. OPNG. OPP. P.L. PLT. PLY. PT. PLY. PT. PLY. PT. PLY. PT. RAD. R.D. RES. RESIL. RES. RESIL. REQ'D RM. R.O. S.C. SCHED. SCHED. SCC. SCHED. SCD. ST. STL. SIM. SSD ST. STL. SUSP. THK. THRU T.O. TYP. UON. VEN. VEST. VER. VI.F. W/ WD.	Level Location Maximum Mechanical Membrane Manufacturer Minimum Mounted Metal Module Not in Contract Number New On Center Opening Opposite Property Line Plate Plywood Point Painted Radius, Radii Roof Drain Refer To Resistant Resilient Required Room Rough Opening Solid Core Scheduled Section Sheet Similar Skid Guard See Structural Dwg's. Stainless Steel Structural Suspended Thick Through Top Of Typical Unless Otherwise Noted Veneer Vestibule Verify Verify in Field With Wood
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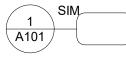














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CONTROL OR DATUM POINT

I.E., DRAWING 1 REF, SHEET A101

BUILDING AND DETAIL SECTION: I.E.,

ELEVATIONS AND INTERIOR ELEVATIONS:

DRAWING 1, SHEET A101

LARGE SCALE DETAIL: I.E., DRAWING 1, SHEET A101

STAIR RUN TAG: NUMBER OF RISERS AND HEIGHT

DOOR TAG **RE: DOOR SCHEDULE**

CENTER LINE

PROJECT NORTH

DATUM

GRIDLINE

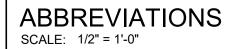
LEVEL NAME AND ELEVATION

WINDOW TAG RE: WINDOW SCHEDULE

ROOM TAG, NAME AND NUMBER

PARTITION TYPE TAG

REVISION NUMBER



6

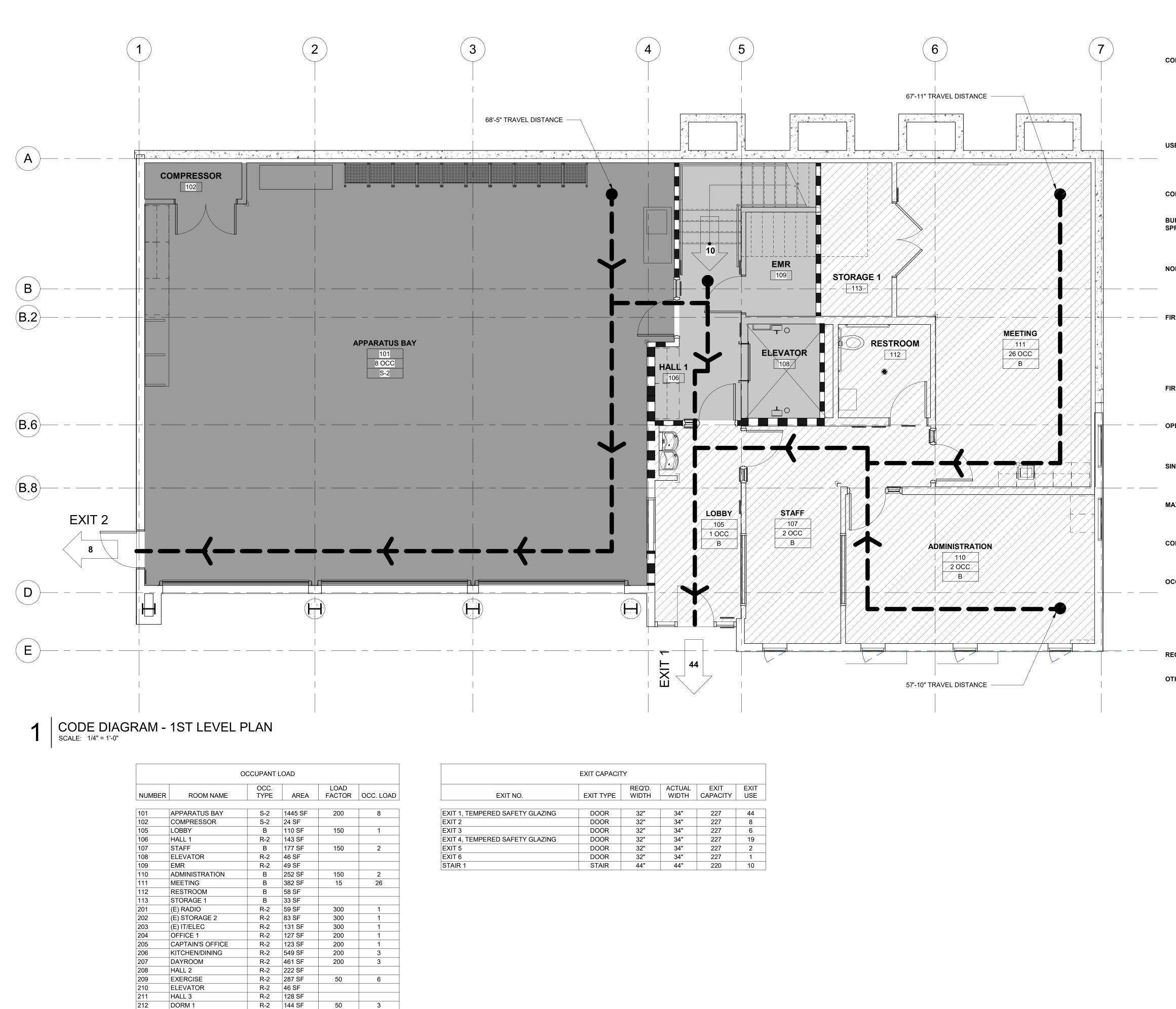
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PROJECT DATA CONSTRUCTION TYPE OCCUPANCY GROUP BULDING HEIGHT BUILDING AREA (GROSS SF) GF (STREET LEVEL) 2F TOTAL AREA NO. OF STORIES	EXISTING ALLOWABI V-B V-B R2, S2, B 25'-11" 60'-0" 2871 2917 5788 21,000 2 3	LE PROPOSED V-B R2, S2, B 25'-11" 2871 3262 (345 SF ADDITION) 6133 2	STAMP
4 PROJECT II SCALE: 1/2" = 1'-0"	NFORMATION		PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
SCALE: 1/2" = 1'-0"	FRONT: 25'-0" REAR: 15-0", 3'-0" 35'-0" (2-1/2 EXISTING: 25'-11" EXISTING: 2 PROPOSED: 2 EXISTING: 5788 SF PROPOSED: 6133 SF	REGATE, NO LESS THAN 5'-0" ACCESSORY 2 STORIES)	 PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 946596 CONTACT: ERIC SWANSON T: (929) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9026
2 VICINITY M SCALE: 1/2" = 1'-0" PROPOSED SCOPE OF WOR - 345 SF 2ND LEVEL ADDITION - EXTERIOR WORK INCLUDES NEW ROOFING MEMRANE. S EXISTING). - FULL INTERIOR REMODEL - SEE CIVIL, STRUCTURAL, M AUDIO VISUAL, ELECTRICAL,	K: N TO ENCLOSE EXISTING DE S NEW WINDOWS, REPLACE IDING TO BE REPLACED AS I ECHANICAL, ELECTRICAL, P	MENT OF GARAGE DOORS, REQUIRED (MATCH LUMBING, FIRE PROTECTION,	NO. DESCRIPTION DATE 1 PRELIMINARY SCHEMATIC PRICING SET 09/27/2021 2 PLANNING SUBMITTAL 11/01/2021 3 50% DESIGN DEVELOPMENT 12/17/2021 4 100% DESIGN DEVELOPMENT 12/17/2021 5 PLANNING SUBMITTAL R1 01/06/2022 6 PLANNING REVISION 2 02/04/2022 7 ISSUED FOR BUILDING PERMIT 04/01/2022 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 2 0
1 SCOPE OF SCALE: 1/2" = 1'-0"	WORK		TITLE SHEET AOO1

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A015	ACCESSIBILITY REQUIREMENTS & SIGNAGE
CIVIL C1.0	EXISTING CONDITIONS
C1.0 C2.0	SITE PLAN
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C4.0	CIVIL DETAILS
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TN902 DETAILS - RACK R15 TN904 DETAILS - OUTSIDE PLANT SECURITY TY01 GENERAL NOTES, LEGEND, SYMBOLS, ABBREVIATIONS, AND JBOX CHEDULE TY020 SYMBOL SCHEDULE TY020 ELEC-SECURITY - GROUND FLOOR PLAN TY020 ELEC-SECURITY - SECOND FLOOR RCP TY020 ELEC-SECURITY - SECOND FLOOR RCP TY01 ACCESS CONTROLS AND IDS SINGLE LINE DIAGRAM TY010 DETAILS - ELECTRONIC SECURITY SYSTEMS ACCESS CONTROL TY02 DETAILS - ELECTRONIC SECURITY SYSTEMS VIDEO SURVEILLANCE SYSTEMS	SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
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DORM 2

DORM 3

BATH 1

LAUNDRY

ADA BATH 2

STORAGE 3

R-2 144 SF

R-2 144 SF

R-2 54 SF

R-2 66 SF

R-2 62 SF

R-2 36 SF

50

50

200

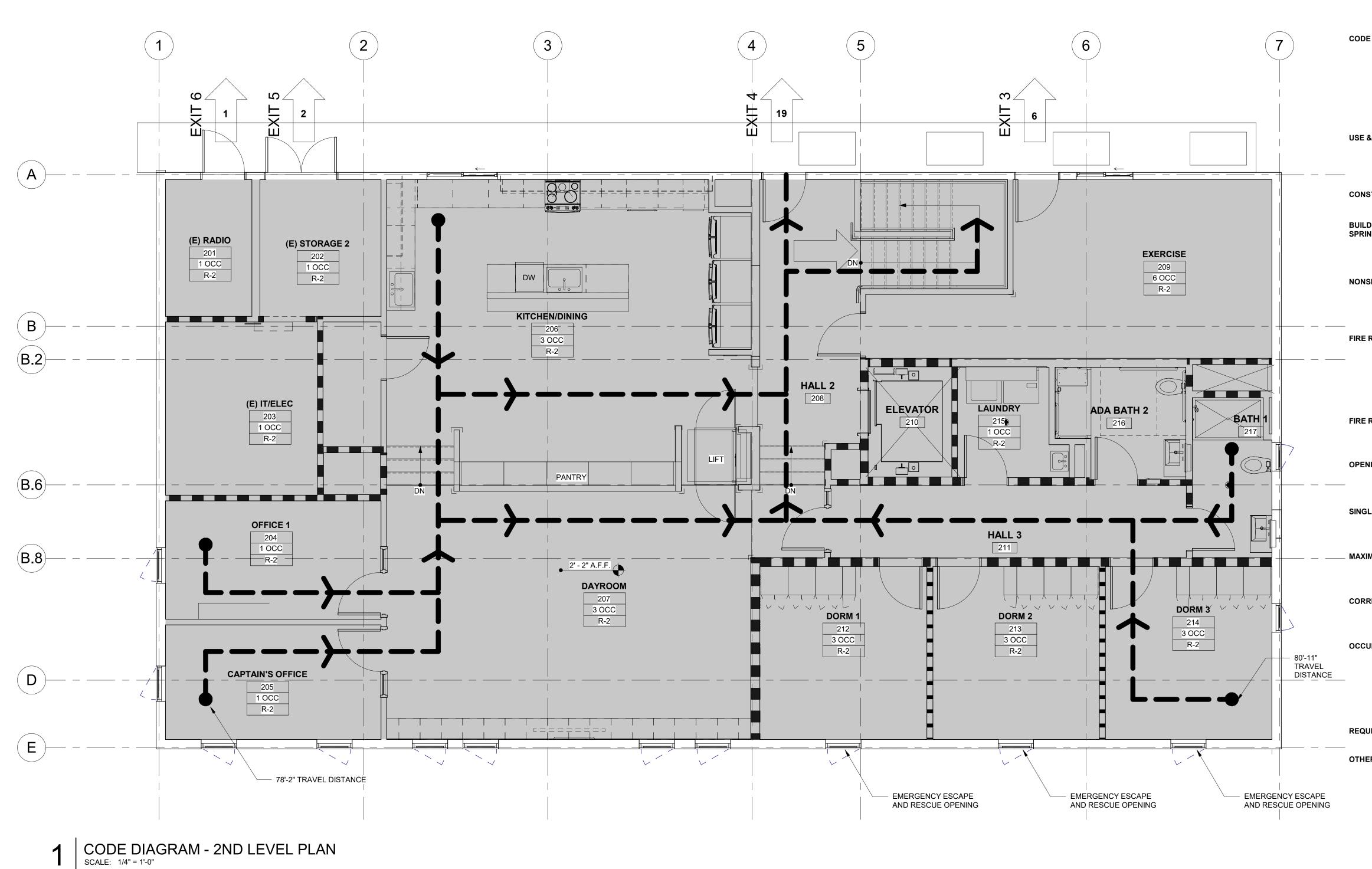
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EXIT CAPACI	ΓY			
EXIT TYPE	REQ'D. WIDTH	ACTUAL WIDTH	EXIT CAPACITY	EXIT USE
		_		
DOOR	32"	34"	227	44
DOOR	32"	34"	227	8
DOOR	32"	34"	227	6
DOOR	32"	34"	227	19
DOOR	32"	34"	227	2
DOOR	32"	34"	227	1
STAIR	44"	44"	220	10

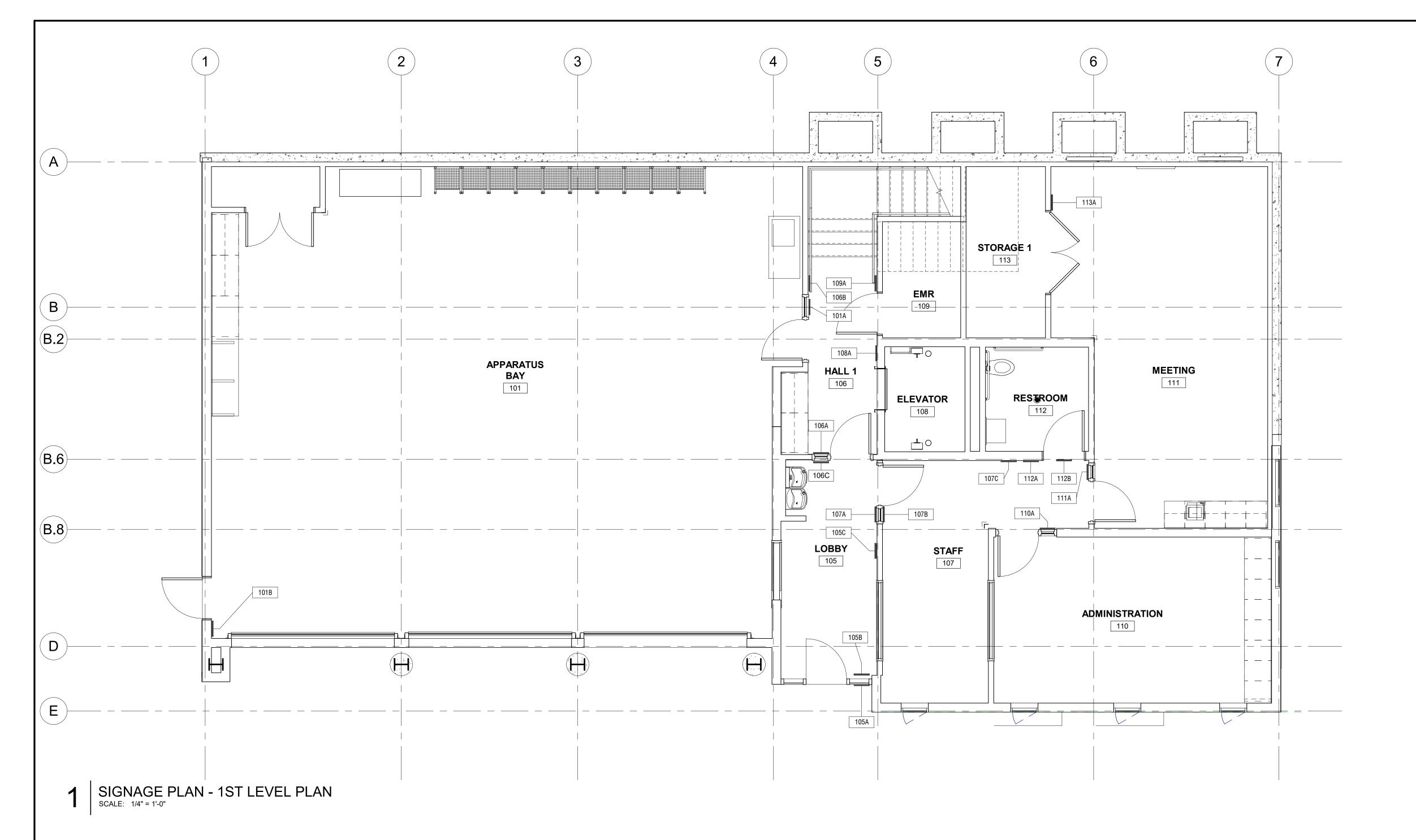
D DE REFERENCE 2019 CALIFORNIA BUILDING CODE VOLUMES	I & II	MARJANG architecture
SE & OCCUPANCY CLASSIFICATION (302.1)304.1GROUP B310.4GROUP R-2311.3GROUP S-2ONSTRUCTION TYPE (601)T-601CONSTRUCTION TYPE	CIVIC ADMINISTRATION DORMITORIES GARAGE, LOW HAZARD STORAGE TYPE V-B	STAMP
IILDING HEIGHTS & AREA LIMITATIONS - TYPE OF RINKLERED 508.3.2 R-2 MIXED USE & OCCUPANC	CONSTRUCTION: V-B, FULLY Y MOST RESTRICTIVE 60'-0" S(WITHOUT AREA INCREASE) 21,000 SF SM(WITHOUT HEIGHT INCREASE) 21,000 SF SM(WITHOUT HEIGHT INCREASE) EXCEPT FOR GROUP R-2 1-HR N 1-HR 10N 1/2 HR DING ELEMENTS TYPE V-B (T-601) ASED ON FIRE SEPARATION (T-602) 10-15FT 15-20FT >20FT 45% 75% NO LIMIT SS TRAVEL 125'-0"(4 DWELLING UNITS MAX) STRAVEL 75'-0"(49 MAX OCCUPANT LOAD) STRAVEL 75'-0"(49 MAX OCCUPANT LOAD)	<image/> PROJECT ADDRESSPROJECT ADDRESSDTA ARLINGTON AVE. CROTACT, BUNGTON AVE. CROTACTON DISTRICT CROTACT, BILL HANSELL CROTECTION DISTRICT CROTACT, BILL HANSELL CROTACT, BILL HANSELL CROTACT, BILL HANSELL CROTACT, BILL HANSELL CROTACT, BILL HANSELL CROTACT, KAREN MAR CONTACT, KAREN MAR CONTACT, KAREN MAR CONTACT, KAREN MAR CONTACT, KAREN MAR CONTACT, KAREN MAR RCHITECT CROTACT, KAREN MAR CONTACT, RAREN BLVD STE 400 CONTACT, RON BLVD STE 400 CONTACT, CROTACH PENCH CONTACT, CROTACH MAR CONTACT, CROTACH MAR CONTACT, CROTACH MAR CONTACT, CROTACH MAR CONTACT, CATHERINE ELLIS CONTACT, CROTACH MAR CONTACT, CATHERINE ELLIS CONTACT, CON BLUE CONTACT, RON BLUE CONTACT, RON BLUE CONTACT, RON BLUE CONTACT, RON BLUE CONTACT, RON BLUE CONTACT, PETER MCDONALD INC. CASH ARANCISCO, CA 94110 CONTACT, PETER MCDONALD INC. CASH FRANCISCO, CA 94110 CONTACT, PETER MCDONALD INC. CASH FRANCISCO, CA 94110 CONTACT, PETER MCDONALD INC. CONTACT, PETER MCDONALD INC.
GROUP S-2 GROUP B NON RATED WALL I-HR RATED WALL I/2-HR RATED WALL		NO. DESCRIPTION DATE 1 PRELIMINARY SCHEMATIC PRICING SET 09/27/2021 3 50% DESIGN DEVELOPMENT 11/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021 7 ISSUED FOR BUILDING PERMIT 04/01/2022 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING DESCRIPTION CODE DIAGRAM LEVEL 1 0



		OCCUPANT	LOAD		
NUMBER	ROOM NAME	OCC. TYPE	AREA	LOAD FACTOR	OCC. LOAD
101	APPARATUS BAY	S-2	1445 SF	200	8
102	COMPRESSOR	S-2	24 SF		
105	LOBBY	В	110 SF	150	1
106	HALL 1	R-2	143 SF		
107	STAFF	В	177 SF	150	2
108	ELEVATOR	R-2	46 SF		
109	EMR	R-2	49 SF		
110	ADMINISTRATION	В	252 SF	150	2
111	MEETING	В	382 SF	15	26
112	RESTROOM	В	58 SF		
113	STORAGE 1	В	33 SF		
201	(E) RADIO	R-2	59 SF	300	1
202	(E) STORAGE 2	R-2	83 SF	300	1
203	(E) IT/ELEC	R-2	131 SF	300	1
204	OFFICE 1	R-2	127 SF	200	1
205	CAPTAIN'S OFFICE	R-2	123 SF	200	1
206	KITCHEN/DINING	R-2	549 SF	200	3
207	DAYROOM	R-2	461 SF	200	3
208	HALL 2	R-2	222 SF		
209	EXERCISE	R-2	287 SF	50	6
210	ELEVATOR	R-2	46 SF		
211	HALL 3	R-2	128 SF		
212	DORM 1	R-2	144 SF	50	3
213	DORM 2	R-2	144 SF	50	3
214	DORM 3	R-2	144 SF	50	3
215	LAUNDRY	R-2	54 SF	200	1
216	ADA BATH 2	R-2	66 SF		
217	BATH 1	R-2	62 SF		
218	STORAGE 3	R-2	36 SF		

	EXIT CAPACIT	ſΥ			
EXIT NO.	EXIT TYPE	REQ'D. WIDTH	ACTUAL WIDTH	EXIT CAPACITY	EXIT USE
EXIT 1, TEMPERED SAFETY GLAZING	DOOR	32"	34"	227	44
EXIT 2	DOOR	32"	34"	227	8
EXIT 3	DOOR	32"	34"	227	6
EXIT 4, TEMPERED SAFETY GLAZING	DOOR	32"	34"	227	19
EXIT 5	DOOR	32"	34"	227	2
EXIT 6	DOOR	32"	34"	227	1
STAIR 1	STAIR	44"	44"	220	10

E REFERENCE 2019 CALIFORNIA BUILDING CODE VOLUMES I & II			JANG
310.4 GROUP R-2 DORMITC	MINISTRATION PRIES LOW HAZARD STORAGE	STAMP	ARCHI
STRUCTION TYPE (601) T-601 CONSTRUCTION TYPE TYPE V-B			25227
DING HEIGHTS & AREA LIMITATIONS - TYPE OF CONSTRUCT INKLERED 508.3.2 R-2 MIXED USE & OCCUPANCY MOST RE T-504.3 ALLOWABLE HEIGHT 60'-0" S(W T-506.2 ALLOWABLE AREA 21,000 SF	STRICTIVE	STATE	RENEWAL DATE CALIFORNIE
420.3 R-2 HORIZONTAL SEPARATION 1-	R GROUP R-2 HR HR 2 HR	PROJECT ADDRESS 217 ARLING KENSINGTO	
E RESISTANT RATING REQUIREMENTS FOR BUILDING ELEM PRIMARY STRUCTURE 0 HRS BEARING WALLS EXTERIOR 0 HRS BEARING WALLS INTERIOR 0 HRS NONBEARING WALLS -EXT 0 HRS NONBEARING WALLS -INT 0 HRS FLOOR CONSTRUCTION 0 HRS ROOF CONSTRUCTION 0 HRS	IENTS TYPE V-B (T-601)	PROTEC 217 ARL KENSING	GTON FIRE CTION DISTRICT INGTON AVE GTON, CA 94707 CT: BILL HANSELL 378-9064
RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FX < 5	IRE SEPARATION (T-602)	ARCHITECT: MARJAN 930 COL SAN FRA	IG ARCHITECTURE E STREET STE 101 ANCISCO, CA. 94117 CT: KAREN MAR
NINGS (SPRINKLERED) UNPROTECTED (T-705.8) 0-3FT 3-5FT 5-10FT 10-15FT NOT 15% 25% 45% PERMITTED	15-20FT >20FT 75% NO LIMIT	STRUCTURAL: ZFA STR 1390 EL SAN CAR CONTAC	RUCTURAL ENGINEERS CAMINO REAL STE 100 RLOS, CA 94070 CT: MATT FRANTZ
GLE EXITS WITH SPRINKLER SYSTEM (1006.3.3)T-1006.3.3(1)R-2 COMMON PATH OF EGRESS TRAVELT-1006.3.3(2)B COMMON PATH OF EGRESS TRAVELS COMMON PATH OF EGRESS TRAVEL	75'-0"(49 MAX OCCUPANT LOAD) 75'-0"(25 MAX OCCUPANT LOAD)	1646 N. (WALNUT CONTAC	GINEERS CALIFORNIA BLVD STE 400 F CREEK, CA 94596 CT: ERIC SWANSON
IMUM EXIT ACCESS TRAVEL DISTANCE WITH SPRINKLER S GROUP R-2 MAX. TRAVEL DISTANCE 250'-0" GROUP B MAX. TRAVEL DISTANCE 300'-0" GROUP S-2 MAX. TRAVEL DISTANCE 400'-0" RIDOR FIRE-RESISTANCE RATING (T-1020.1) 300'-0"	SYSTEM (1-1017.2)	OAKLAN	
GROUP R-2 OCCUPANT LOAD >10 1-HR GROUP B OCCUPANT LOAD >30 0-HR GROUP S-2 OCCUPANT LOAD >30 0-HR UPANT LOAD TABLE (1004.1.2)		T: (510) 8 MEP: LIST ENG 2 HARRI	
SPACE FUNCTIONLOAD FACSTORAGE/MECH./EQUIPMENT300 GROSBUSINESS150 GROSDORMITORIES50 GROSSEXERCISE ROOMS50 GROSSRESIDENTIAL (KITCHEN, DINING, DAY)200 GROSSPARKING200 GROSS	SS SS S S SS	CONTAC T: (831) (AUDIO/VISUAL: SMITH F 351 8TH SAN FRA CONTAC	CT: RON BLUE 373-4390 AUSE MCDONALD INC. STREET ANCISCO, CA 94103 CT: PETER MCDONALD
UNCONCENTRATED TABLES AND CHAIRS 15 NET UIRED STAIRWAY WIDTH (1005.3.1) CAPACITY FACTOR EX.1 SPRINKLERED 0.2 INCHE ER EGRESS COMPONENTS SIZING (1005.3.2)	ES (NOT LESS THAN 44" PER 1011)	850 S. V. SAN FRA	STIMATION INC. AN NESS AVE, #26 ANCISCO, CA 94110 CT: HENRY TOORYANI
CAPACITY FACTOR EX.1 SPRINKLERED 0.15 INCH GROUP R-2 GROUP S-2 GROUP B NON RATED WALL 1-HR RATED WALL	ES (NOT LESS THAN 32" PER 1010.1)		
1/2-HR RATED WALL		NO.DESCR1PRELIMINARY SCHEM350% DESIGN DEVELO4100% DESIGN DEVELO7ISSUED FOR BUILDIN	MATIC PRICING SET 09/27/2021 PMENT 11/19/2021 OPMENT 12/17/2021
		JOB NO.	
			FIRE PROTECTION DISTRICT Y BUILDING
		CODE DIAGRAM LEVEL	2
			\011



			SIGNAGE SCHEDULE - 1ST LEVEL			
SIGN ID	ROOM LOCATION	SIGN TYPE	LANGUAGE	DETAIL REFERENCE	MOUNTING LOCATION	BRAILLE AND TACTILE
101A	APPARATUS BAY	ROOM ID	101 APPARATUS BAY	1/A014	GLASS MOUNT	YES
101B	APPARATUS BAY	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
105A	LOBBY ENTRANCE	ISA	ISA	9/A015	EXTERIOR GLASS MOUNT	NO
105B	LOBBY	DIRECTIONAL	EXIT	2/A014	GLASS MOUNT	YES
105C	LOBBY	FIRE EXTINGUISHER FLAG	SEE DETAIL	1/A015	WALL MOUNT	NO
106A	HALL 1	DIRECTIONAL	EXIT ROUTE	2/A014	GLASS MOUNT	YES
106B	HALL 1	STAIR LEVEL IDENTIFICATION	*1	6/A015	WALL MOUNT	YES
106C	HALL 1	RESTROOM ID	106 HALL 1	1/A014	GLASS MOUNT	YES
107A	STAFF	ROOM ID	107 STAFF	1/A014	GLASS MOUNT	YES
107B	STAFF	DIRECTIONAL	EXIT ROUTE	2/A014	GLASS MOUNT	YES
107C	STAFF	EMERGENCY EVACUATION NOTICE	EXIT MAP, EVACUATION INSTRUCTIONS PER DETAIL	14/A015	WALL MOUNT	NO
108A	ELEVATOR	IN CASE OF FIRE	SEE DETAIL	5/A015	WALL MOUNT	NO
109A	ELEVATOR MACHINE ROOM	ROOM ID	109 ELEVATOR MACHINE ROOM	1/A014	WALL MOUNT	YES
110A	ADMINISTRATION	ROOM ID	110 ADMINISTRATION	1/A014	GLASS MOUNT	YES
111A	MEETING ROOM	ROOM ID	111 MEETING ROOM	1/A014	GLASS MOUNT	YES
112A	RESTROOM	RESTROOM ID	ALL GENDER RESTROOM	5/A014	WALL MOUNT	YES
112B	RESTROOM	RESTROOM SYMBOL	ALL GENDER SYMBOL	6/A014	DOOR MOUNT	NO
113A	STORAGE 1	ROOM ID	113 STORAGE 1	1/A014	WALL MOUNT	YES

SHEET NOTES

1.	SEE GENERAL NOTES, PROJECT DATA, SYMBOL LEGEND AND ABBREVIATIONS ON SHEET A001.
2.	FOR SIGNAGE DETAILS, SYMBOLS, AND MOUNTING HEIGHTS, SEE SHEETS A014, A015.
3.	VERIFY EXACT SIGNAGE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO INSTALLATION.
4.	WHERE SIGNAGE IS MOUNTED ON EXTERIOR FACADE, PROVIDE BACKING PLATE AND SEALANT WITH BACKING
5.	ROD, TYPICAL INCLUDING WEEP HOLE AT BOTTOM. WHERE SIGNAGE IS MOUNTED ON GLASS, PROVIDE MATCHING BLANK PLATE ON OPPOSITE SIDE, ALIGNED
6.	WITH SIGN. ALL SIGNS ARE CONTRACTOR PROVIDED AND INSTALLED, U.O.N.
7.	SEE CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL SITE SIGNAGE.
8.	CONFIRM FINAL LOCATIONS OF ALL CITY REQUIRED SIGNAGE WITH CLIENT AND ARCHITECT PRIOR TO
9.	MOUNTING. WHERE SIGNS ARE LOCATED ON THE SITE, PROVIDE 2" GALV PIPE POLE SET IN CONCRETE BASE AT HEIGHT INDICATED PER CIVIL DRAWING DETAILS.





	RJANG
STAMP	SUBJECT ARCHITE
PROJECT ADDRES	
217 ARI	INGTON AVE. GTON, CA 94707
PROJECT TEAM	
CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
STRUCTURAL:	ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390

AUDIO/VISUAL	: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
ESTIMATOR:	MICROESTIMATION INC.

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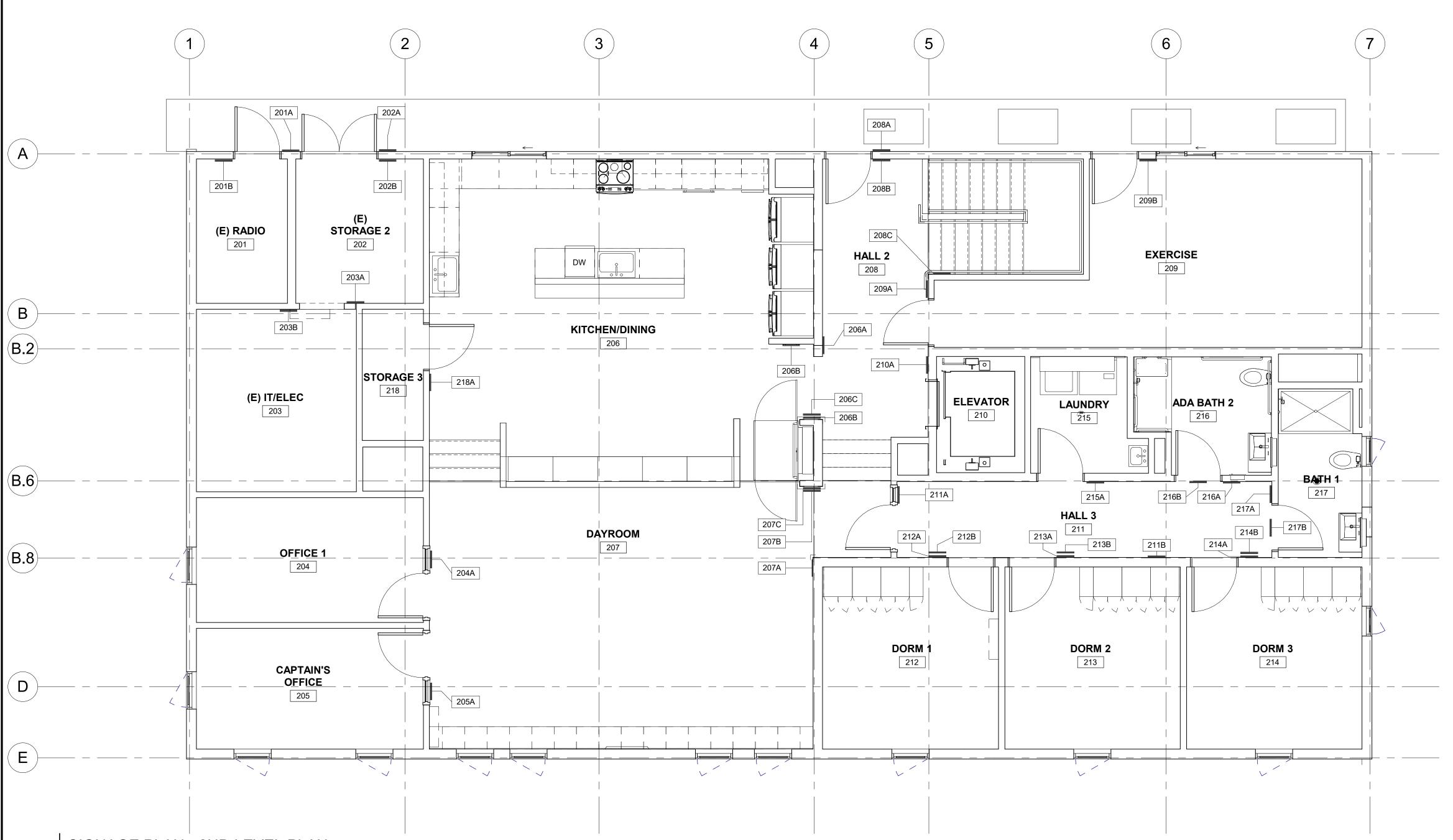
NO.	DESCRIPTION	DATE
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
JOB N	1O.	
2106 KENSINGTON FIRE PROTECTION DISTRI PUBLIC SAFETY BUILDING		N DISTRICT

DESCRIPTION

GROUND FLOOR SIGNAGE PLAN







SIGNAGE PLAN - 2ND LEVEL PLAN SCALE: 1/4" = 1'-0"

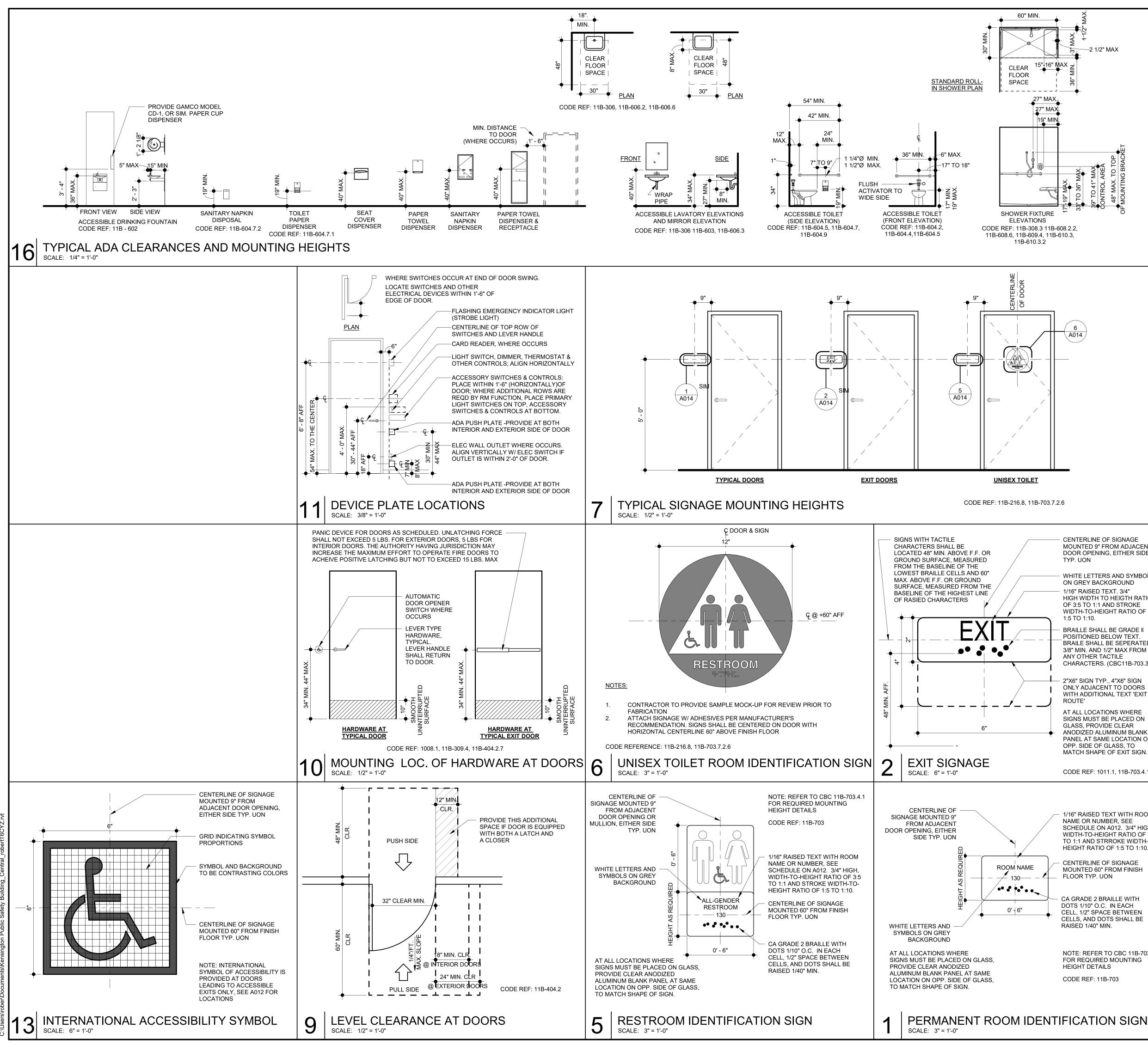
			SIGNAGE SCHEDULE - 2ND LEVEL			
SIGN ID	ROOM LOCATION	SIGN TYPE	LANGUAGE	DETAIL REFERENCE	MOUNTING LOCATION	BRAILLE AND TACTILE
201A	RADIO	ROOM ID	201 RADIO	1/A014	EXTERIOR	YES
201B	RADIO	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
202A	STORAGE 2	ROOM ID	202 STORAGE 2	1/A014	EXTERIOR	YES
202B	STORAGE 2	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
203A	IT/ELECTRICAL	ROOM ID	203 IT AND ELECTRICAL	1/A014	WALL MOUNT	YES
203B	IT/ELECTRICAL	DIRECTIONAL	EXIT ROUTE	2/A014	WALL MOUNT	YES
204A	OFFICE 1	ROOM ID	204 OFFICE	1/A014	WALL MOUNT	YES
205A	CAPTAIN'S OFFICE	ROOM ID	205 CAPTAIN'S OFFICE	1/A014	WALL MOUNT	YES
206A	KITCHEN / DINING	ROOM ID	206 KITCHEN AND DINING	1/A014	WALL MOUNT	YES
206B	KITCHEN / DINING	FIRE EXTINGUISHER FLAG	SEE DETAIL	1/A015	WALL MOUNT	NO
206B	KITCHEN / DINING	DIRECTIONAL	NO FREIGHT	2/A014	WALL MOUNT	YES
206C	KITCHEN / DINING	ISA	ISA	13/A014	WALL MOUNT	NO
207A	DAYROOM	ROOM ID	207 DAYROOM	1/A014	WALL MOUNT	YES
207B	DAYROOM	ISA	ISA	13/A014	WALL MOUNT	NO
207C	DAYROOM	DIRECTIONAL	NO FREIGHT	2/A014	WALL MOUNT	YES
208A	HALL 2	ISA	ISA	14/A014	EXTERIOR WALL MOUNT	NO
208B	HALL 2	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
208C	HALL 2	STAIR LEVEL IDENTIFICATION	*2	6/A015	WALL MOUNT	YES
209A	EXERCISE ROOM	ROOM ID	209 EXERCISE ROOM	1/A014	WALL MOUNT	YES
209B	EXERCISE ROOM	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
210A	ELEVATOR	IN CASE OF FIRE	SEE DETAIL	5/A015	WALL MOUNT	NO
211A	HALL 3	DIRECTIONAL	EXIT ROUTE	2/A014	GLASS MOUNT	YES
211B	HALL 3	EMERGENCY EVACUATION NOTICE	EXIT MAP, EVACUATION INSTRUCTIONS PER DETAIL	14/A015	WALL MOUNT	NO
212A	DORM 1	ROOM ID	212 DORM 1	1/A014	WALL MOUNT	YES
212B	DORM 1	ISA	ISA	14/A014	WALL MOUNT	NO
213A	DORM 2	ROOM ID	213 DORM 2	1/A014	WALL MOUNT	YES
213B	ISA	ISA	ISA	14/A014	WALL MOUNT	NO
214A	DORM 3	ROOM ID	214 DORM 3	1/A014	WALL MOUNT	YES
214B	ISA	ISA	ISA	14/A014	WALL MOUNT	NO
215A	LAUNDRY	ROOM ID	215 LAUNDRY	1/A014	WALL MOUNT	YES
216A	ADA BATHROOM	RESTROOM ID	ALL GENDER RESTROOM	5/A014	WALL MOUNT	YES
216B	ADA BATHROOM	RESTROOM SYMBOL	ALL GENDER SYMBOL	6/A014	DOOR MOUNT	YES
	BATHROOM	RESTROOM ID	ALL GENDER RESTROOM	5/A014	WALL MOUNT	YES
217B	BATHROOM	RESTROOM SYMBOL	ALL GENDER SYMBOL	6/A014	DOOR MOUNT	YES
218A	STORAGE 3	ROOM ID	218 STORAGE 3	1/A014	WALL MOUNT	YES

SHEET NOTES

1.	SEE GENERAL NOTES, PROJECT DATA, SYMBOL LEGEND
	AND ABBREVIATIONS ON SHEET A001.
2.	FOR SIGNAGE DETAILS, SYMBOLS, AND MOUNTING
	HEIGHTS, SEE SHEETS A014, A015.

- 3.
- VERIFY EXACT SIGNAGE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO INSTALLATION. WHERE SIGNAGE IS MOUNTED ON EXTERIOR FACADE, 4 PROVIDE BACKING PLATE AND SEALANT WITH BACKING ROD, TYPICAL INCLUDING WEEP HOLE AT BOTTOM. WHERE SIGNAGE IS MOUNTED ON GLASS, PROVIDE MATCHING BLANK PLATE ON OPPOSITE SIDE, ALIGNED WITH SIGN.
- ALL SIGNS ARE CONTRACTOR PROVIDED AND INSTALLED, 6. U.O.N.
- SEE CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL 7. SITE SIGNAGE.
- CONFIRM FINAL LOCATIONS OF ALL CITY REQUIRED SIGNAGE WITH CLIENT AND ARCHITECT PRIOR TO 8. MOUNTING.
- WHERE SIGNS ARE LOCATED ON THE SITE, PROVIDE 2" 9. GALV PIPE POLE SET IN CONCRETE BASE AT HEIGHT INDICATED PER CIVIL DRAWING DETAILS.

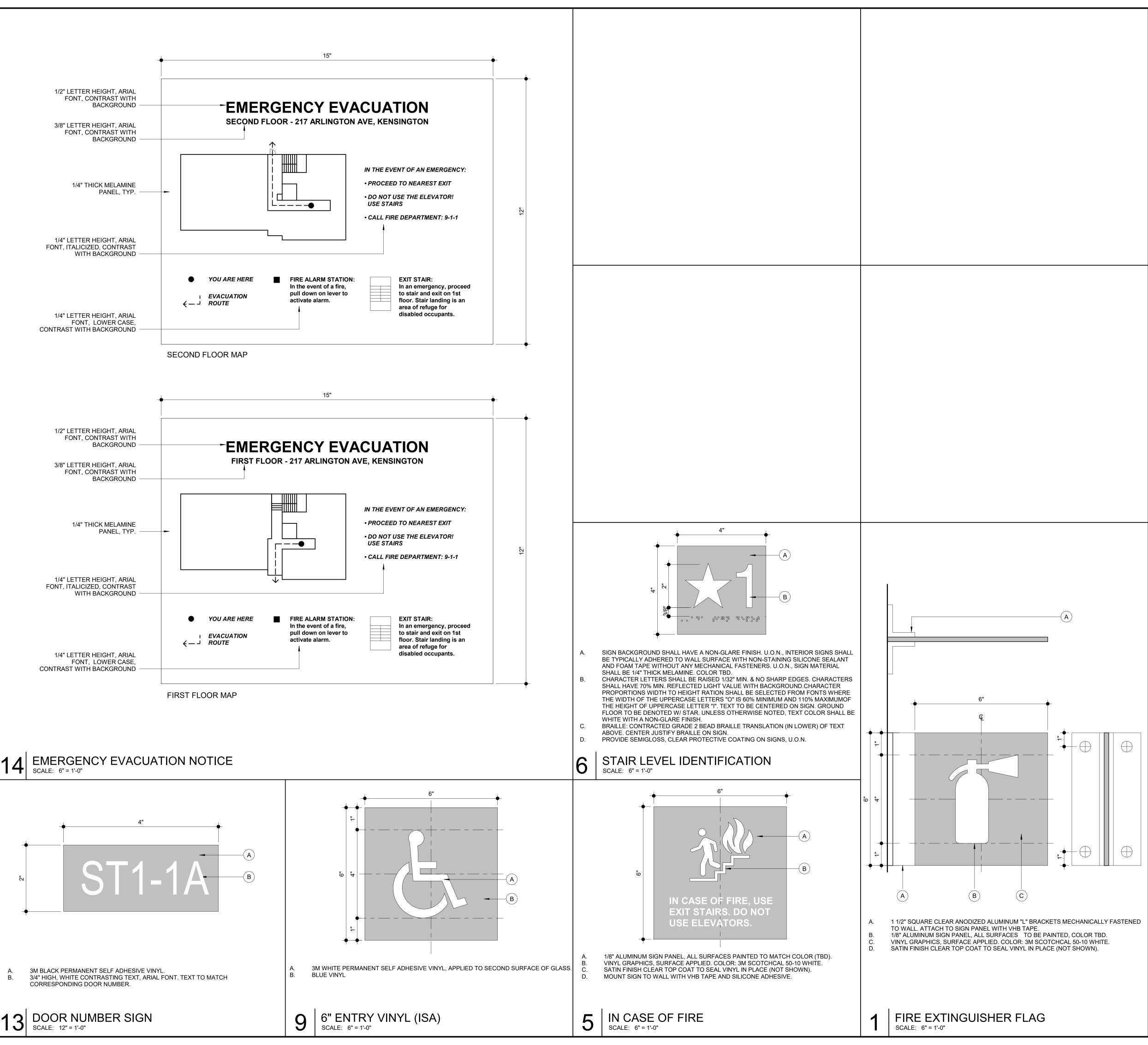
MARJANG architecture			
STAMP	CZ5227 9/30/2023		
	^{ss} LINGTON AVE. IGTON, CA 947		
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064		
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 9411 CONTACT: KAREN MAR T. (415) 522-0600	1	
STRUCTURAL:	ZFA STRUCTURAL ENGINE 1390 EL CAMINO REAL STE SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869		
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSOI	6	
GEOTECH:	GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS		
MEP:	2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE		
AUDIO/VISUAL	T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD		
T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626			
NO.	DESCRIPTION	DATE	
4 100% DESIG	DESCRIPTION SN DEVELOPMENT R BUILDING PERMIT	DATE 12/17/2021 04/01/2022	
	INGTON FIRE PROTECTION IC SAFETY BUILDING	DISTRICT	
DESCRIPTION SECOND FLOC	OR SIGNAGE PLAN		
\bigcirc	A013	3	



	SHEET NOTES			
2 1/2" MAX	 SEE GENERAL NOTES, PROJECT DATA, SYMBOL LEGEND AND ABBREVIATIONS ON SHEET A001. WHERE SIGNAGE IS MOUNTED ON EXTERIOR FACADE, PROVIDE BACKING PLATE AND SEALANT WITH BACKING ROD, TYPICAL INCLUDING WEEP HOLE AT BOTTOM. WHERE SIGNAGE IS MOUNTED ON GLASS, PROVIDE MATCHING BLANK PLATE ON OPPOSITE SIDE, ALIGNED WITH SIGN. ALL SIGNS ARE CONTRACTOR PROVIDED AND INSTALLED, U.O.N. SEE CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL SITE SIGNAGE. 		RJAN	0.000
39" TO 41" MAX. CONTROL AREA 48" MAX. TO TOP OF MOUNTING BRACKET	 CONFIRM FINAL LOCATIONS OF ALL CITY REQUIRED SIGNAGE WITH CLIENT AND ARCHITECT PRIOR TO MOUNTING. WHERE SIGNS ARE LOCATED ON THE SITE, PROVIDE 2" GALV PIPE POLE SET IN CONCRETE BASE AT HEIGHT INDICATED PER CIVIL DRAWING DETAILS. 	STAMP	CLUSED ARCHING CAREN MANA CZ5ZZZ7 9/30/2023 RENEWAL DATE OF CALIFORNIS	
			SS LINGTON AVE. IGTON, CA 9470)7
			KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
		ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
		STRUCTURAL:	ZFA STRUCTURAL ENGINEER 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
			BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	[.] E 400
		GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	;
		MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
INE OF SIGNAGE) 9" FROM ADJACENT ENING, EITHER SIDE TTERS AND SYMBOLS		AUDIO/VISUAL:	SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALI	
BACKGROUND ED TEXT. 3/4" TH TO HEIGTH RATIO 1:1 AND STROKE D-HEIGHT RATIO OF 0.		ESTIMATOR:	T: (415) 255-9140 MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626	11
SHALL BE GRADE II ED BELOW TEXT. HALL BE SEPERATED AND 1/2" MAX FROM ER TACTILE 'ERS. (CBC11B-703.3)				
N TYP., 4"X6" SIGN IACENT TO DOORS DITIONAL TEXT 'EXIT				
DCATIONS WHERE IST BE PLACED ON ROVIDE CLEAR D ALUMINUM BLANK SAME LOCATION ON E OF GLASS, TO		NO.	DESCRIPTION	DATE
HAPE OF EXIT SIGN. F: 1011.1, 11B-703.4.1		3 50% DESIGN 4 100% DESIG	I DEVELOPMENT N DEVELOPMENT	11/19/2021 12/17/2021 04/01/2022
ED TEXT WITH ROOM NUMBER, SEE E ON A012. 3/4" HIGH D-HEIGHT RATIO OF 3:5 D STRROKE WIDTH-TO- ATIO OF 1:5 TO 1:10.				
INE OF SIGNAGE 0 60" FROM FINISH 7P. UON		JOB NO.		
E 2 BRAILLE WITH " O.C. IN EACH SPACE BETWEEN D DOTS SHALL BE		PUBLI	INGTON FIRE PROTECTION DIS	
40" MIN. FER TO CBC 11B-703.4.1 JIRED MOUNTING ETAILS		ACCESSIBILITY	YREQUIREMENTS & SIGNAGE	
F: 11B-703				

A014



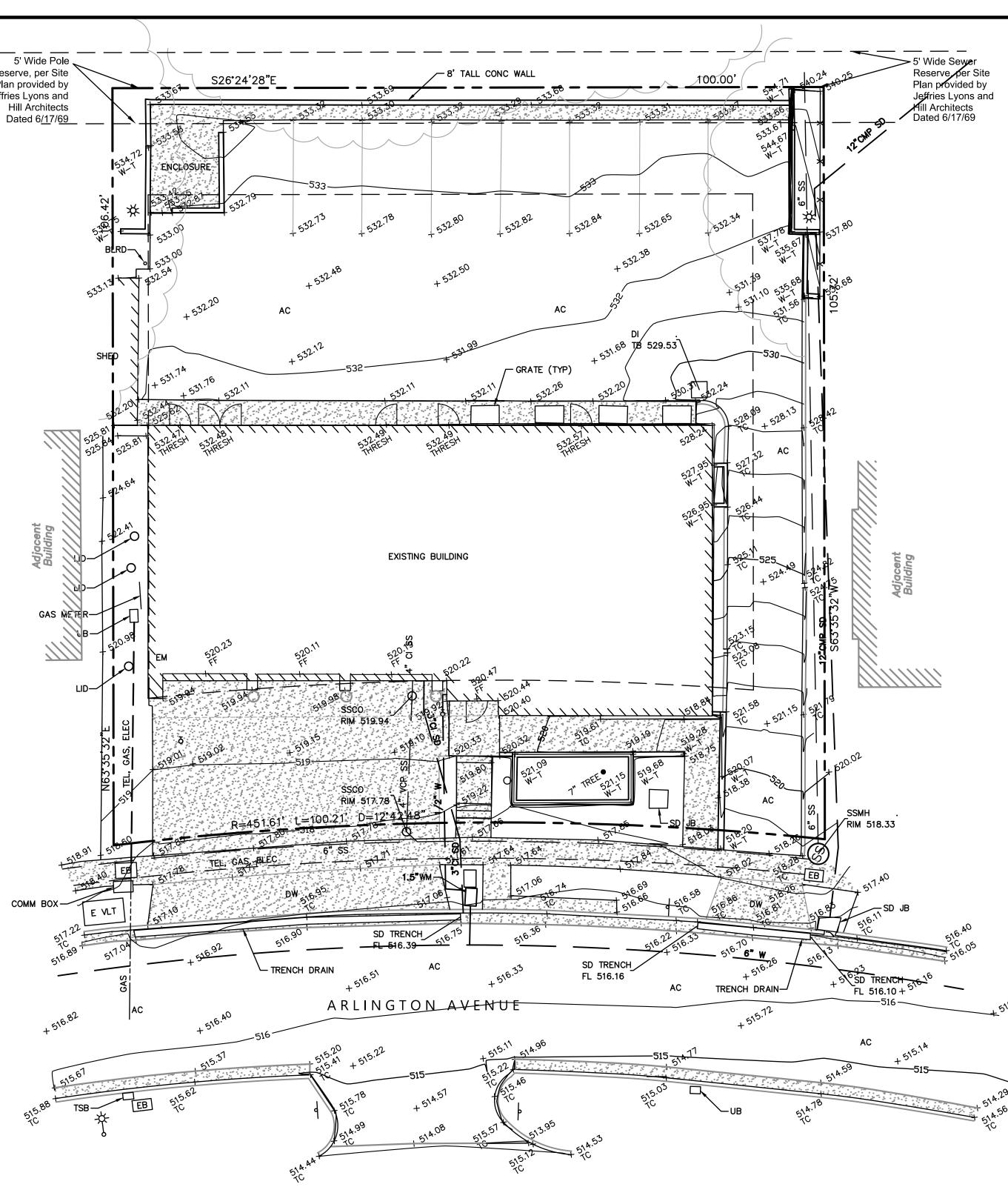


SHEET NOTES

1.	SEE GENERAL NOTES, PROJECT DATA, SYMBOL LEGEND
	AND ABBREVIATIONS ON SHEET A001.
2.	WHERE SIGNAGE IS MOUNTED ON EXTERIOR FACADE,
	PROVIDE BACKING PLATE AND SEALANT WITH BACKING
	ROD, TYPICAL INCLUDING WEEP HOLE AT BOTTOM.
	WHERE SIGNAGE IS MOUNTED ON GLASS, PROVIDE
	MATCHING BLANK PLATE ON OPPOSITE SIDE, ALIGNED

- WITH SIGN. ALL SIGNS ARE CONTRACTOR PROVIDED AND INSTALLED, 3.
- U.O.N. SEE CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL 4.
- SITE SIGNAGE. CONFIRM FINAL LOCATIONS OF ALL CITY REQUIRED 5.
- SIGNAGE WITH CLIENT AND ARCHITECT PRIOR TO MOUNTING.
- WHERE SIGNS ARE LOCATED ON THE SITE, PROVIDE 2" 6. GALV PIPE POLE SET IN CONCRETE BASE AT HEIGHT INDICATED PER CIVIL DRAWING DETAILS.

	ARJAI	60000	
STAMP			
	CESEZA 9/30/2023 MENEWAL 9/30/2023 MENEWAL DATE OF CALIFORNIA		
	DRESS RLINGTON AVE SINGTON, CA 94		
PROJECT TEA	AM		
CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSEL T: (415) 378-9064		
ARCHITEC	T: MARJANG ARCHITECTU 930 COLE STREET STE 1 SAN FRANCISCO, CA. 94 CONTACT: KAREN MAR T. (415) 522-0600	101	
STRUCTUF	RAL: ZFA STRUCTURAL ENGI 1390 EL CAMINO REAL S SAN CARLOS, CA 94070 CONTACT: MATT FRANT T: (650) 394-8869	STE 100	
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLV WALNUT CREEK, CA 945 CONTACT: ERIC SWANS T: (925) 940-2200	596	
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE F T: (510) 879-4544	ELLIS	
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390		
AUDIO/VIS	UAL: SMITH FAUSE MCDONAI 351 8TH STREET SAN FRANCISCO, CA 94 CONTACT: PETER MCDO T: (415) 255-9140	103	
ESTIMATO	R: MICROESTIMATION INC. 850 S. VAN NESS AVE, # SAN FRANCISCO, CA 94 CONTACT: HENRY TOOF T: (415) 826-9626	26 110	
NO.	DESCRIPTION	DATE	
	ESIGN DEVELOPMENT FOR BUILDING PERMIT	12/17/2021 04/01/2022	
	ENSINGTON FIRE PROTECTIC UBLIC SAFETY BUILDING	ON DISTRICT	
DESCRIPTION ACCESSIBILITY REQUIREMENTS & SIGNAGE			
\bigcirc	A01	5	



EXISTING ABBREVIATIONS

AC APN BLRD BM CONC DI DIA DW E FF FL SD SS SSCO SSMH TB TC	ASPHALT CONCRETE ASSESSOR'S PARCEL NUMBER BOLLARD BENCHMARK CONCRETE DROP INLET DIAMETER DRIVEWAY ELECTRIC FINISHED FLOOR SURFACE FLOWLINE STORM DRAIN SANITARY SEWER SANITARY SEWER SANITARY SEWER CLEAN OUT SANITARY SEWER MANHOLE TOP OF BOX TOP FACE OF CURB
—	
••	FINISHED FLOOR
FL	SURFACE FLOWLINE
SD	STORM DRAIN
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEAN OUT
SSMH	SANITARY SEWER MANHOLE
ТВ	TOP OF BOX
тс	TOP FACE OF CURB
THRESH	THRESHOLD
TYP	TYPICAL
UB	UTILITY BOX
VLT	VAULT
WM	WATER METER
W-T	TOP OF WALL

LEGEND

δ

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*
<u> </u>

BASIS OF BEARINGS

THE BEARING	S SHOWN I	HEREON A	RE BASED	UPON T	HE CALIF	
COORDINATE	SYSTEM O	F 1983, C	CS83, ZON	NE 3, EP0	OCH 2017	′.50, IN
ACCORDANCE	E WITH CALI	FORNIA PL	JBLIC RES	OURCES (CODE SEC	CTIONS
8801 - 8819; S	SAID COOF	RDINATES	ARE B	ASED L	OCALLY	UPON
FIELD-OBSER	ved ties re	ELATIVE TO	D CALIFOR	NIA SPAT	IAL REFE	RENCE
NETWORK ST	ATION SRB1	. DISTANC	ES ARE G	RID BASE	ED. DIVIDI	E BY A
COMBINED S	SCALE FAC	TOR OF	0.99991317	7 TO OI	STAIN GI	ROUNE
DISTANCES. V	ALUES SHO	WN BELOW	/ IN THE TA	BLE ARE	IN ITRF 20)14.

CONCRETE

WATER VALVE

STREET LIGHT

LIGHT POLE

SIGN

FENCE

STATION	LATITUDE	LONGITUDE	HEIGHT (m)
SRB1	37°52'27.690029"	-122°16'1.075795"	54.6535
SIGMA (mm)	2.07	2.00	6.03

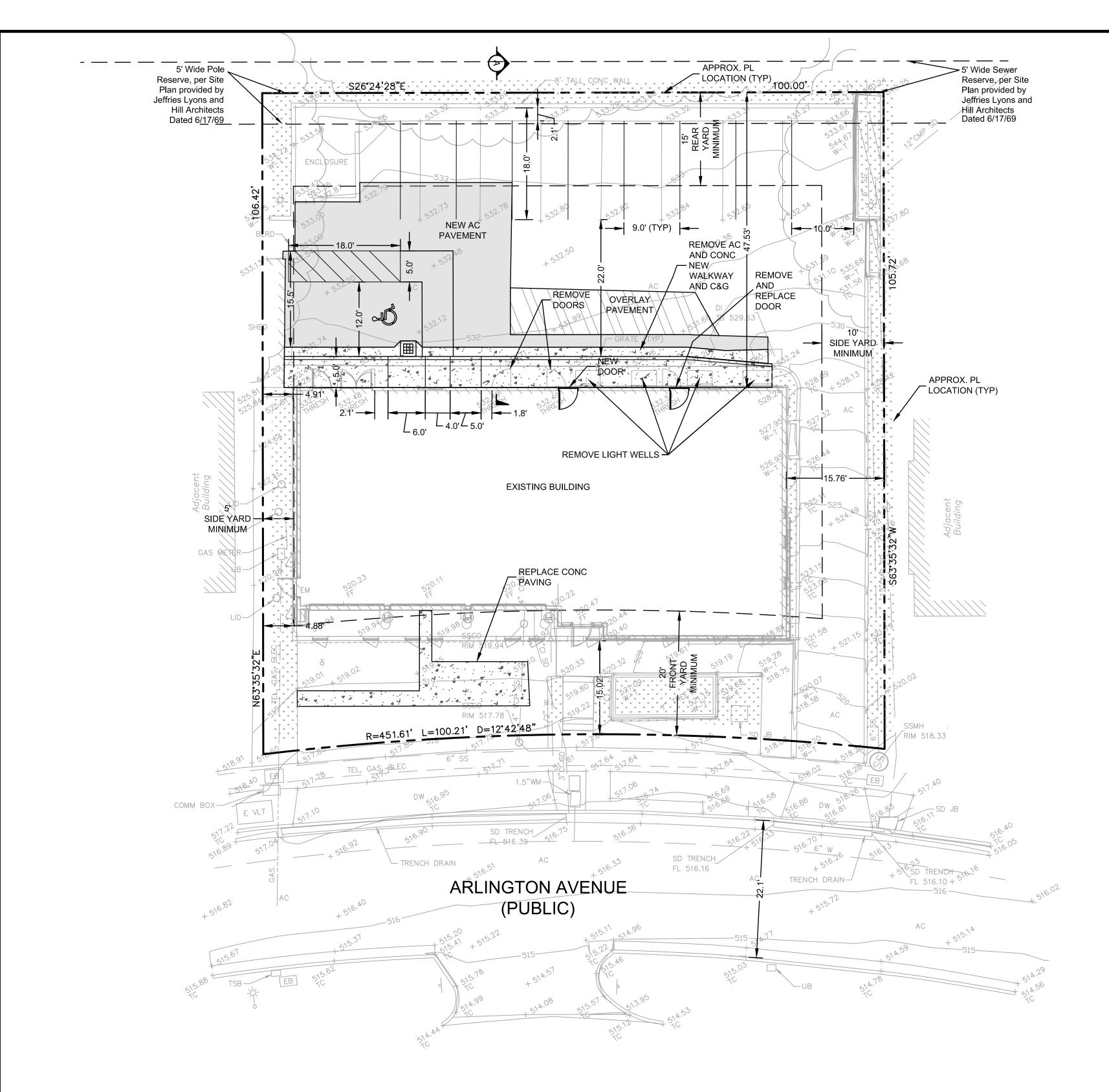
BENCHMARK

ELEVATIONS ARE RELATIVE TO THE NORTH AMERICAN DATUM OF 1988, DERIVED FROM GPS OBSERVATION AND BASED ON NAD83(2011), EPOCH 2017.50, ELLIPSOID HEIGHTS AS PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER AND THE NGS GEOID MODEL 18.

BKF	1646 N. CALIFORNIA B SUITE 400 WALNUT CREEK, CA 94 (925) 940-2200 www.bkf.com	
	No. 64607	
	₅ SINGTON AVE. IGTON, CA 94707	
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707	
ARCHITECT:	CONTACT: BILL HANSELL T: (415) 378-9064 MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR	
STRUCTURAL:	T. (415) 522-0600 ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANZ T: (650) 394-8869	
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
AUDIO/VISUAL	: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140	
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626	
NO. 2 PLANNING S 3 PLANNING F 4 PLANNING F 5 ISSUED FOF	SUBMITTAL 11/01 REVISION 2 02/02 REVISION 3 03/11	ATE 1/2021 4/2022 1/2022 1/2022
2 PLANNING S 3 PLANNING F 4 PLANNING F 5 ISSUED FOF 	SUBMITTAL 11/01 REVISION 2 02/02 REVISION 3 03/11	1/2021 1/2022 1/2022
2 PLANNING S 3 PLANNING F 4 PLANNING F 5 ISSUED FOF 	SUBMITTAL 11/01 REVISION 2 02/02 REVISION 3 03/11 R BUILDING PERMIT 04/01	1/2021 1/2022 1/2022

GRAPHIC

(IN FEE 1 inch = 10



Т		
	EGEND.	

PROPERTY LINE

BUILDING OVERHANG

NEW CONCRETE PAVEMENT

NEW ASPHALT OVERLAY

EXISTING LANDSCAPE

MINIMUM SETBACK REQUIREMENTS

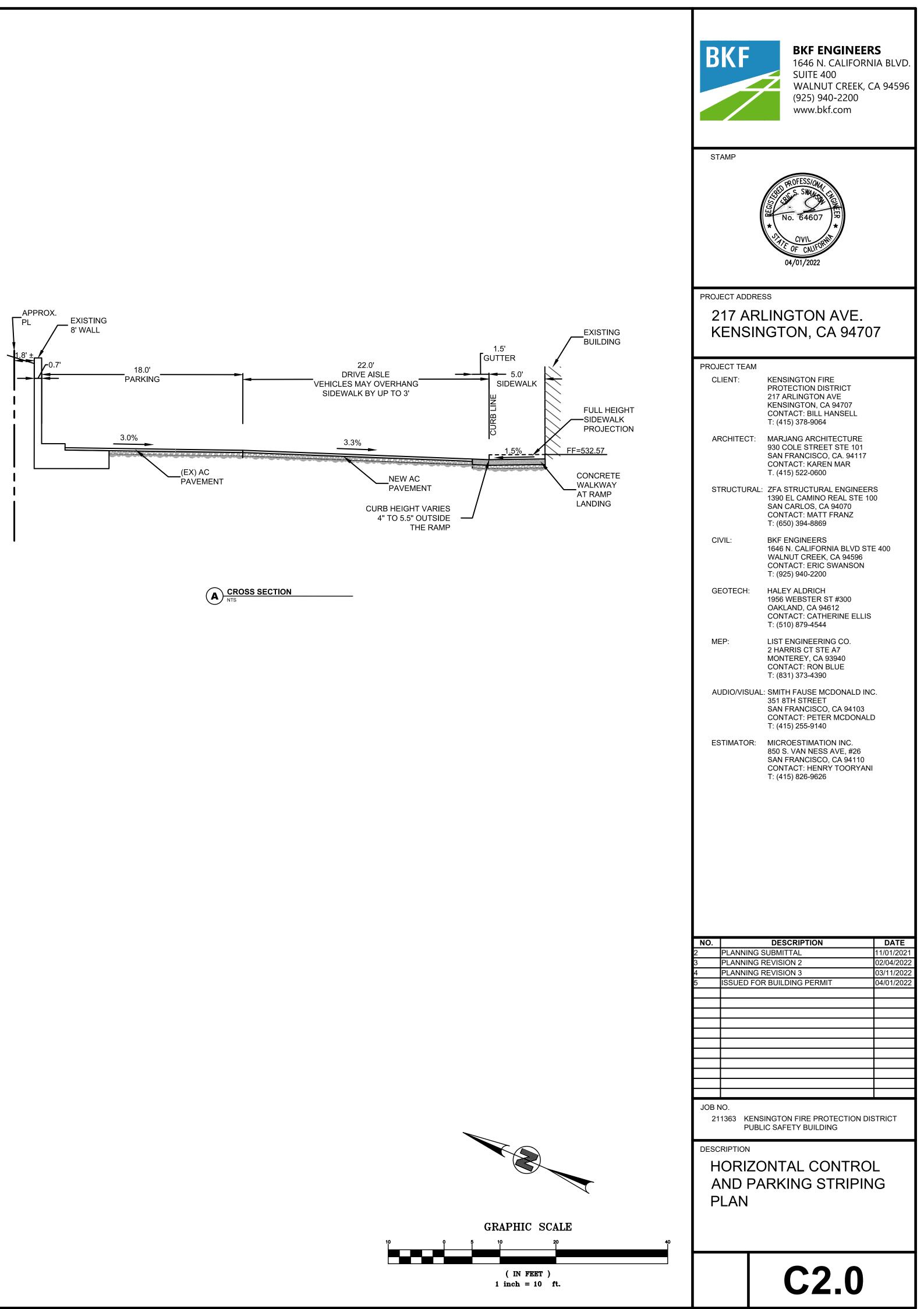
NEW ASPHALT CONCRETE PAVEMENT

R-6 SINGLE-FAMILY RESIDENTIAL DISTRICT

¥ ¥ ¥	
$\begin{array}{ccc} \psi & \psi & \psi \\ \psi & \psi & \psi \end{array}$	

<u>NOTES</u>

- 1. ALL DIMENSIONS ARE IN FEET AND DECIMALS, THEREFORE, CONTRACTOR TO NOTIFY THE CIVIL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES IN THE PROVIDED DIMENSIONS.
- 2. REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS.
- 3. FOR WALKS AND IN ADA ACCESSIBLE AREAS, CROSS SLOPES SHOULD NOT EXCEED 2% IN GRADE.
- 4. PROJECT DOES NOT PROPOSE TO REMOVE ANY TREES.
- 5. EXISTING BOUNDARY INFORMATION IS FROM RECORD INFORMATION ONLY AND IS NOT TIED TO MONUMENTS.
- 6. THE GENERAL PLAN DESIGNATION IS PS (PUBLIC/SEMI-PUBLIC).
- 7. THE ZONING DESIGNATION IS R-6 SINGLE-FAMILY RESIDENTIAL DISTRICT.
- 8. R-6 REQUIRES "THERE SHALL BE AN AGGREGATE SIDE YARD WIDTH OF AT LEAST FIFTEEN FEET. NO SIDE YARD SHALL BE LESS THAN 5 FEET WIDE."
- 9. R-6 REQUIRES "THERE SHALL BE A SETBACK (FRONT YARD) OF AT LEAST TWENTY FEET FOR ANY STRUCTURE IN THE R-6 DISTRICT."
- 10. R-6 REQUIRES "THERE SHALL BE A REAR YARD FOR ANY PRINCIPAL STRUCTURE OF AT LEAST FIFTEEN FEET."
- 11. THE EXISTING BUILDING ENCROACHES IN SIDE AND FRONT MINIMUM SETBACKS.
- 12. THE PROJECT SITE IS IN A FEMA ZONE X AREA OF MINIMAL FLOOD HAZARD.

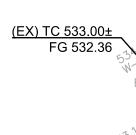


LAND USE TOTALS

TOTAL SITE AREA
TOTAL (EX) IMPERVIOUS AREA
TOTAL (EX) LANDSCAPED AREA
TOTAL NEW IMPERVIOUS AREA
TOTAL REPLACED IMPERVIOUS AREA
PROPOSED FINAL IMPERVIOUS AREA
PROPOSED FINAL LANDSCAPED AREA

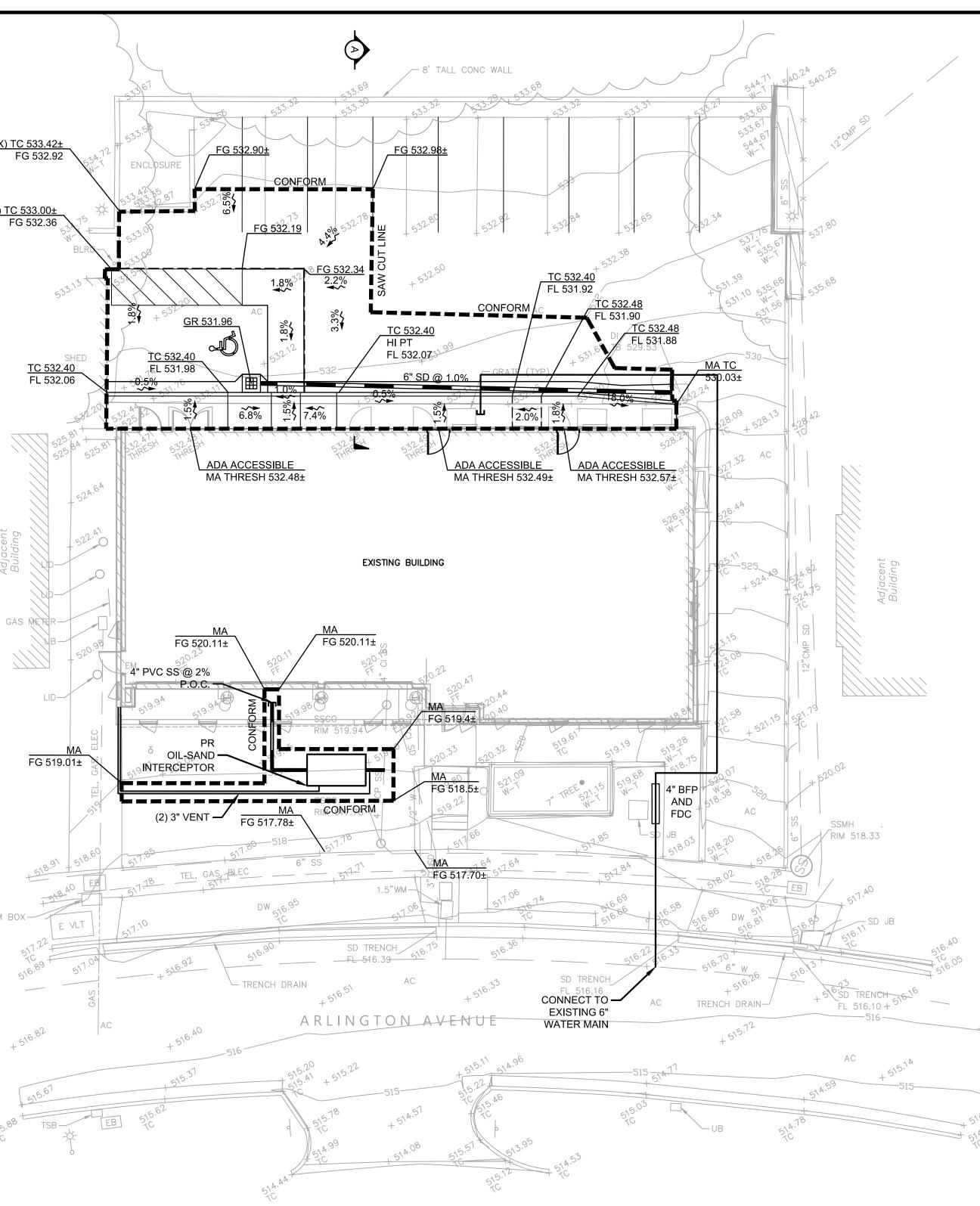
=10,427 SQ FT =9,094 SQ FT =1,333 SQ FT =0 SQ FT =1,696 SQ FT =9,094 SQ FT =1,333 SQ FT

<u>(EX) TC 533.42±</u> FG 532.92



GAS ME TE

СОММ ВОХ



LEGEND

------< FLOW LINE X.X%

— — — — — — — GRADE BREAK LINE SURFACE SLOPE XX.XX × SPOT ELEVATION STORM DRAIN LINE SANITARY SEWER LINE FIRE WATER LINE

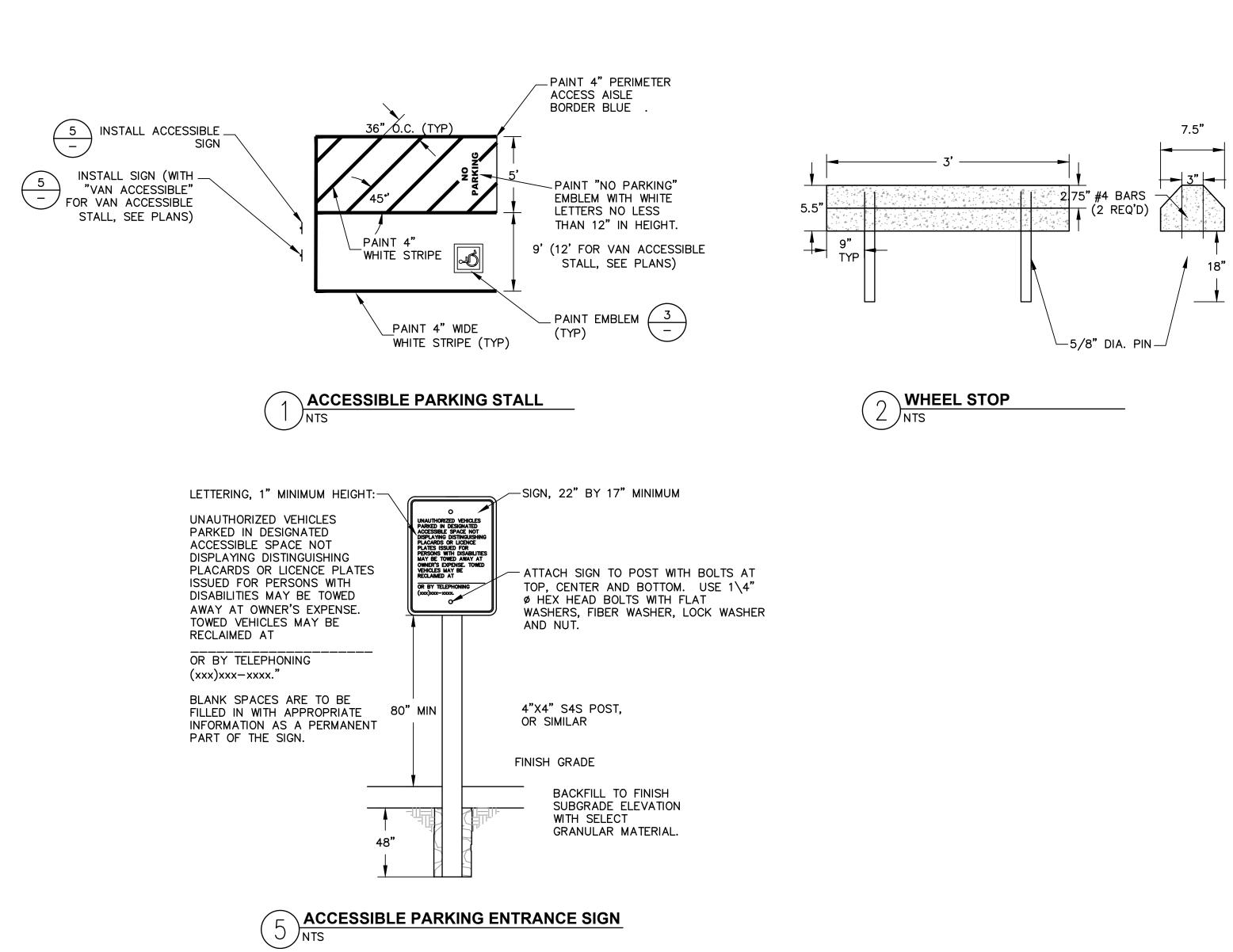
ABBREVIATIONS

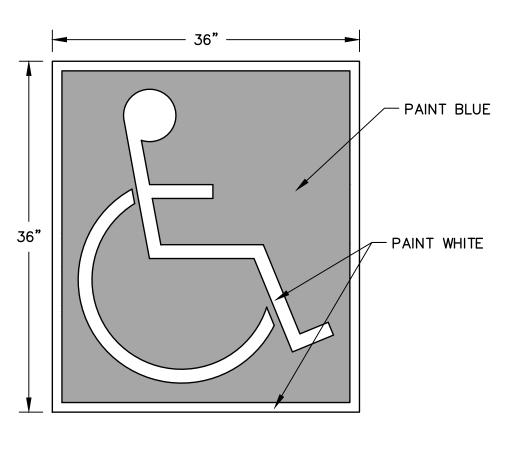
- AC ASPHALT CONCRETE BW BACK OF WALK EXISTING (EX) FF FINISH FLOOR FG FINISH GRADE
- FLOWLINE
- FL ΗP
- HIGH POINT LP LOW POINT
- MA MATCH
- тс TOP OF CURB
- TTS TOP OF TREATMENT SURFACE

	BKF		BKF ENGINEE 1646 N. CALIFOR SUITE 400	NIA BLVD.
			WALNUT CREEK, (925) 940-2200 www.bkf.com	CA 94596
	STAMP	* 55.77.2	ROFESS/044 S. SW44 OF 64607 CIVIL OF CALLFORMIT 4/01/2022	
		RLING	GTON AVE. ON, CA 947	
	PROJECT TEAN CLIENT:	KENS PROT 217 AI KENS	NGTON FIRE ECTION DISTRICT RLINGTON AVE NGTON, CA 94707 ACT: BILL HANSELL	
	ARCHITECT	T: (41 MARJ, 930 C(SAN F CONT	ANG ARCHITECTURE OLE STREET STE 101 RANCISCO, CA. 94117 ACT: KAREN MAR 5) 522-0600	,
	STRUCTUR	1390 E SAN C CONT	TRUCTURAL ENGINE L CAMINO REAL STE ARLOS, CA 94070 ACT: MATT FRANZ)) 394-8869	
	CIVIL:	1646 N WALN CONT	NGINEERS I. CALIFORNIA BLVD S UT CREEK, CA 94596 ACT: ERIC SWANSON 5) 940-2200	
	GEOTECH:	1956 V OAKL/ CONT	(ALDRICH VEBSTER ST #300 AND, CA 94612 ACT: CATHERINE ELL)) 879-4544	IS
	MEP:	2 HAR MONT CONT	NGINEERING CO. RIS CT STE A7 EREY, CA 93940 ACT: RON BLUE I) 373-4390	
	AUDIO/VISU	351 81 SAN F CONT	I FAUSE MCDONALD I TH STREET RANCISCO, CA 94103 ACT: PETER MCDONA 5) 255-9140	
	ESTIMATOR	850 S. SAN F CONT	DESTIMATION INC. VAN NESS AVE, #26 RANCISCO, CA 94110 ACT: HENRY TOORYA 5) 826-9626	
		G SUBMIT		DATE 11/01/2021
	4 PLANNIN	G REVISIO G REVISIO		02/04/2022 03/11/2022 04/01/2022
				07/01/2022
				<u>† </u>
			N FIRE PROTECTION I	DISTRICT
_	DESCRIPTION			Y
40				
			C3.0	

GRAPHIC SCALE

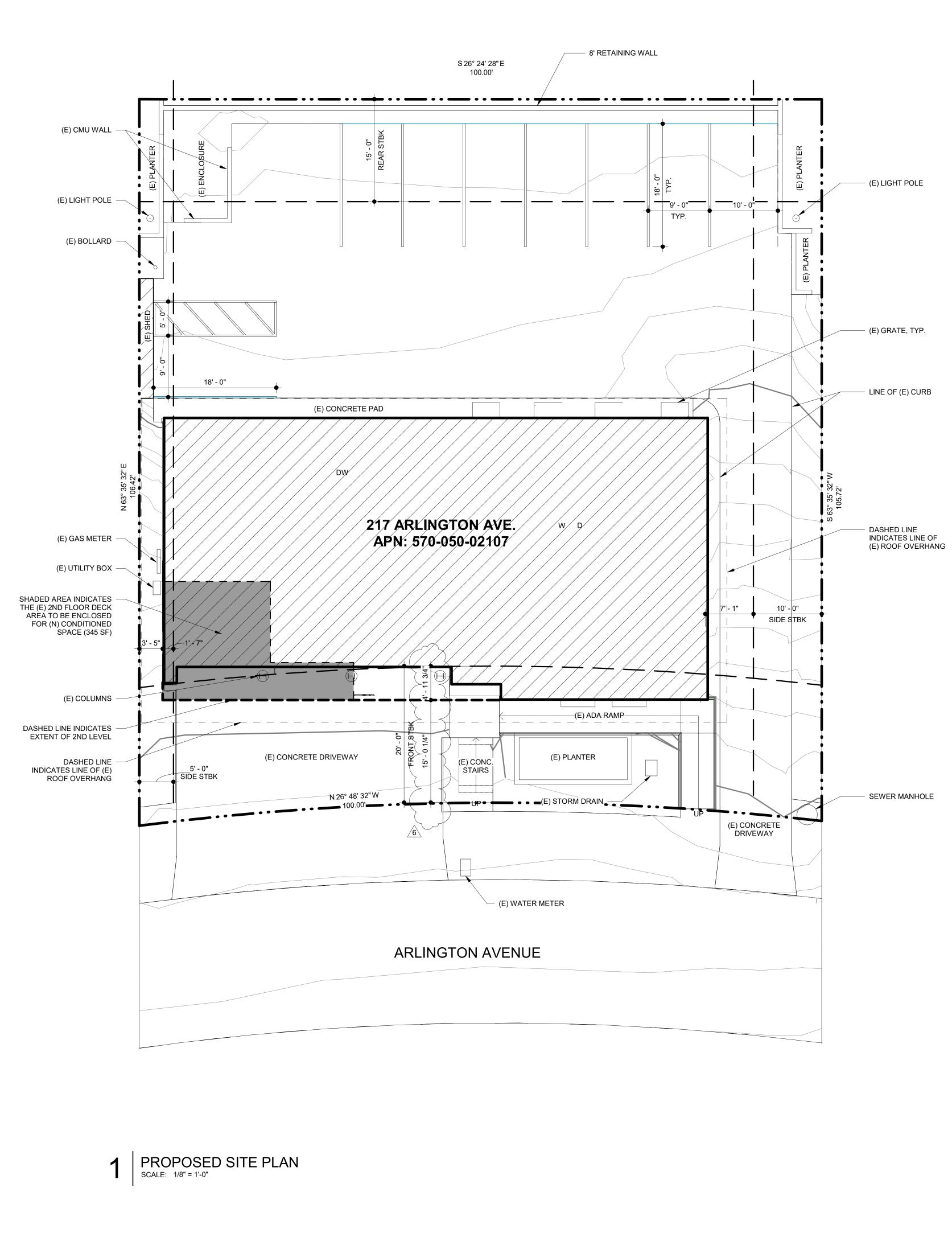
(IN FEET) 1 inch = 10 ft.

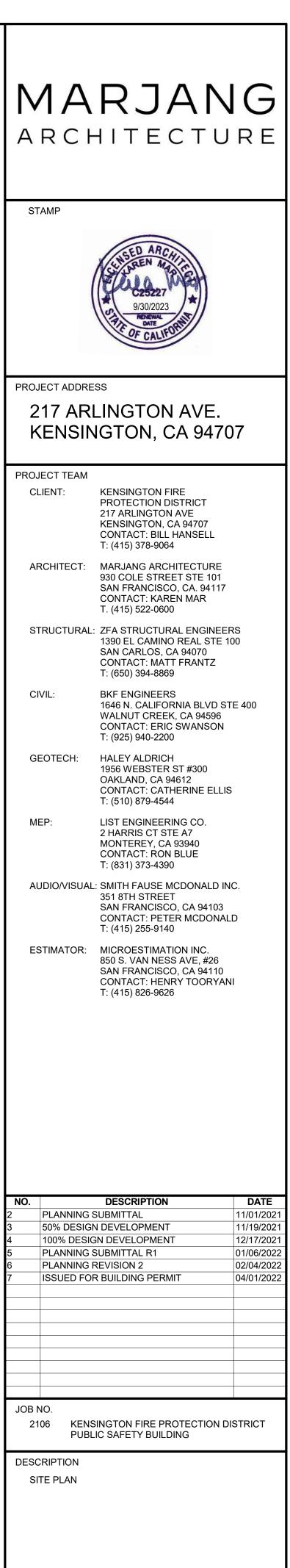




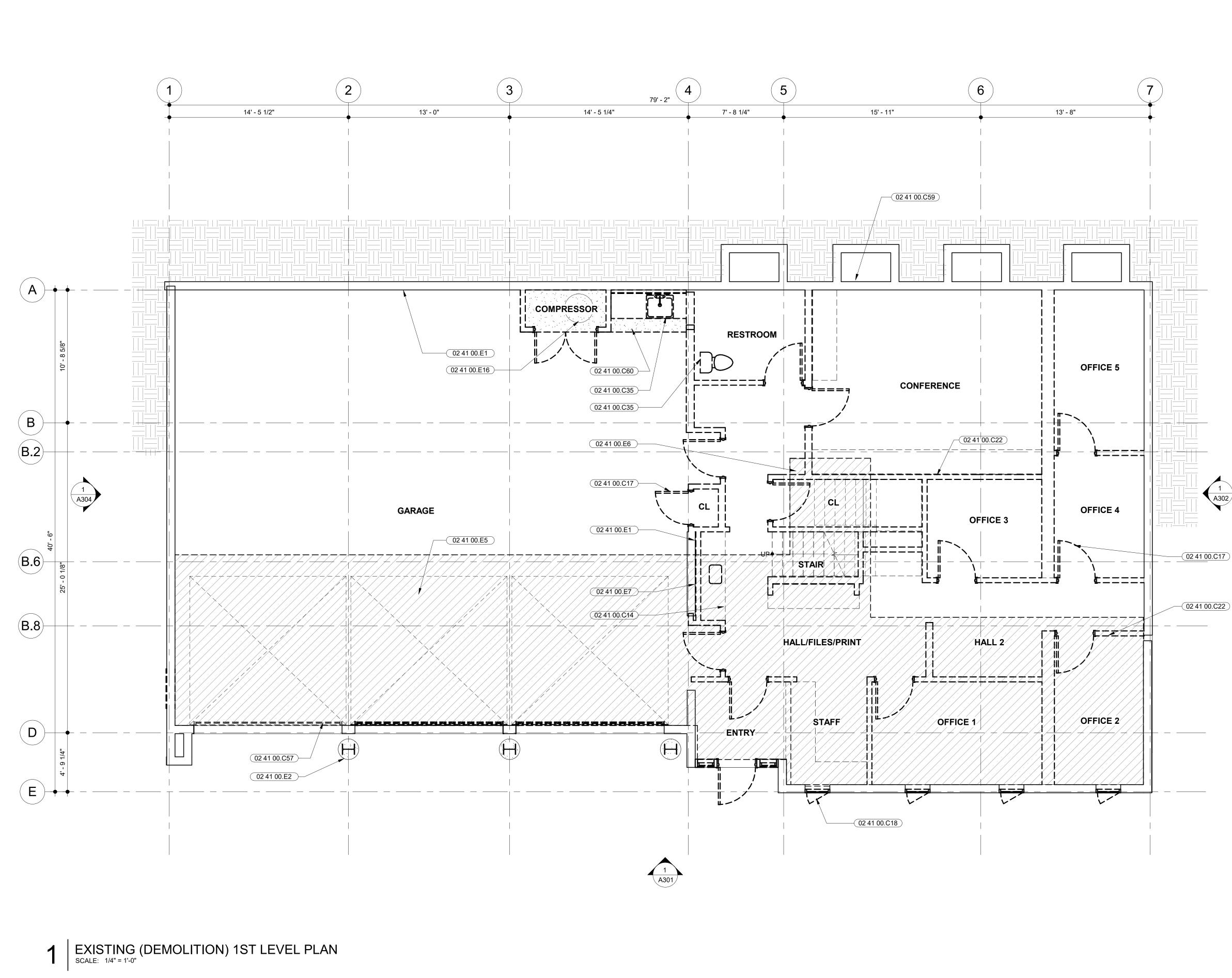


REFLECTORIZED SIGN CONSTRUCTED OF PORCELAIN STEEL WITH BEADED TEXT OR EQUAL AREA OF SIGN TO BE A MIN. OF 70 SQ IN SEE MUTCD R22C(CA) ATTACH SIGN TO POST WITH BOLTS AT TOP, CENTER AND BOTTOM. USE 1\4" ø HEX HEAD BOLTS WITH FLAT WASHERS, FIBER WASHER, LOCK WASHER AND NUT. AS REQUIRED, SEE HORIZONTAL PLAN 4"X4" S4S POST, OR SIMILAR HANGE BACKFILL TO FINISH SUBGRADE ELEVATION WITH SELECT GRANULAR MATERIAL.	<image/> BKF ENGINEERS 646 N. CALIFORNIA BLVD. SUITE 400 WALNUT CREEK, CA 94596 (25) 940-2200 ww.bkf.com STAMP STAMP VICUNE 6460 VICUNE 64607 VICUNE 000 VICUNE 000
4 NTS	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR
	T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596
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	ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
	NO.DESCRIPTIONDATE2PLANNING SUBMITTAL11/01/20213PLANNING REVISION 202/04/20224PLANNING REVISION 303/11/20225ISSUED FOR BUILDING PERMIT04/01/2022
	JOB NO. 211363 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
	DETAILS
	C4.0



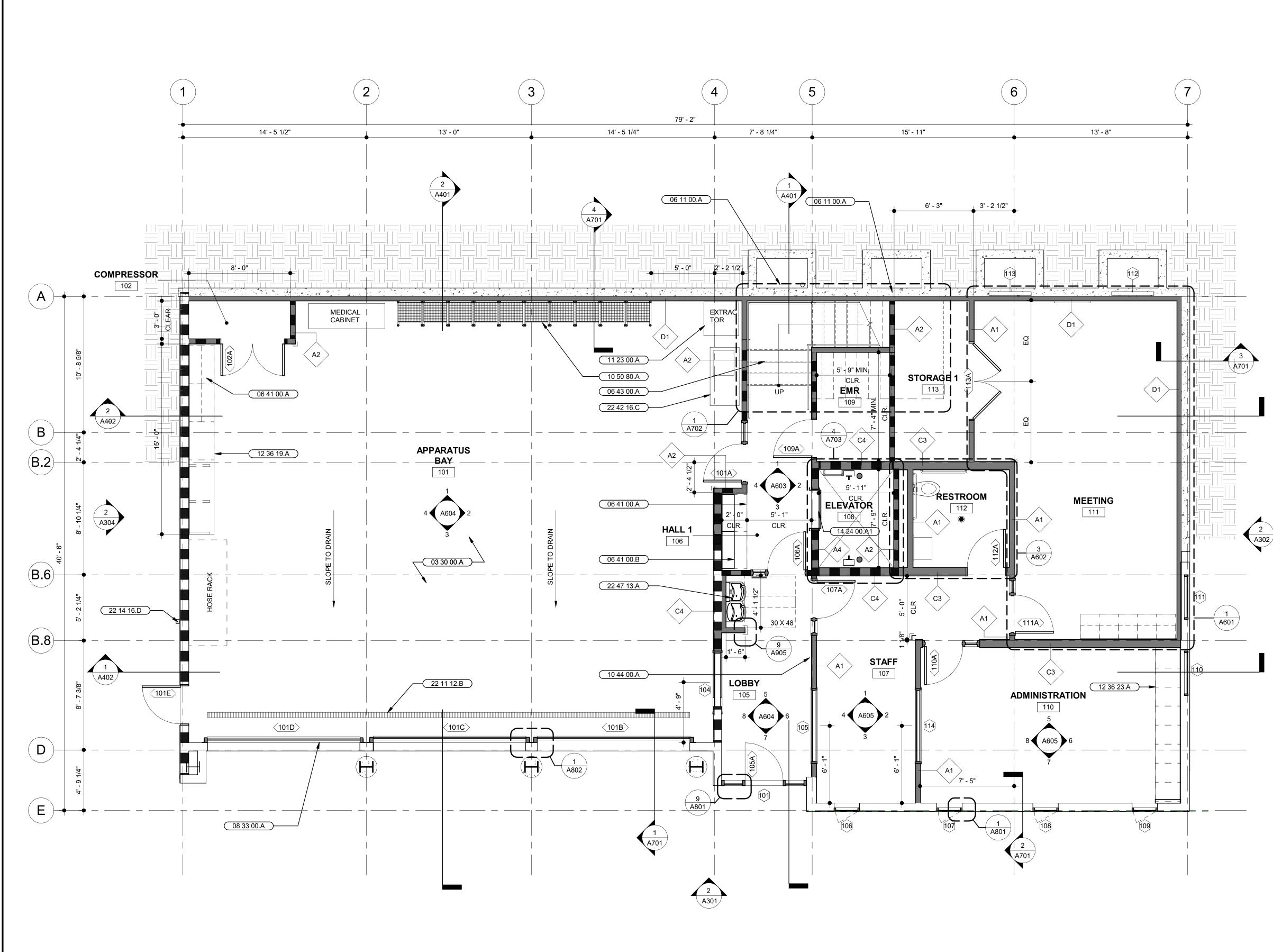






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<image/> PROJECT ADDRESS TT ARLINGTON AVE. SCONTACT TEAM CLIENT KENSINGTON FIRE CLIENT KENSINGTON FIRE PROJECT TEAM CLIENT KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON A94707 CONTACT: BILL HANSELL 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL 137 ALINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL 1415) 378-9064 ARCHITECT MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA 94117 CONTACT: KAREN MAR 1 (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN FRANCISCO, CA 94117 CONTACT: KAREN MAR 1 (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ 1 (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON 1 (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS 1 (510) 879-4544 MEP: LIST ENGINEERING CO.
MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
NO. DESCRIPTION DATE PRELIMINARY SCHEMATIC PRICING SET 09/27/202 PLANNING SUBMITTAL 11/01/202 50% DESIGN DEVELOPMENT 11/19/202 100% DESIGN DEVELOPMENT 12/17/202 ISSUED FOR BUILDING PERMIT 04/01/202 ISSUED FOR BUILDING PERMIT 04/0

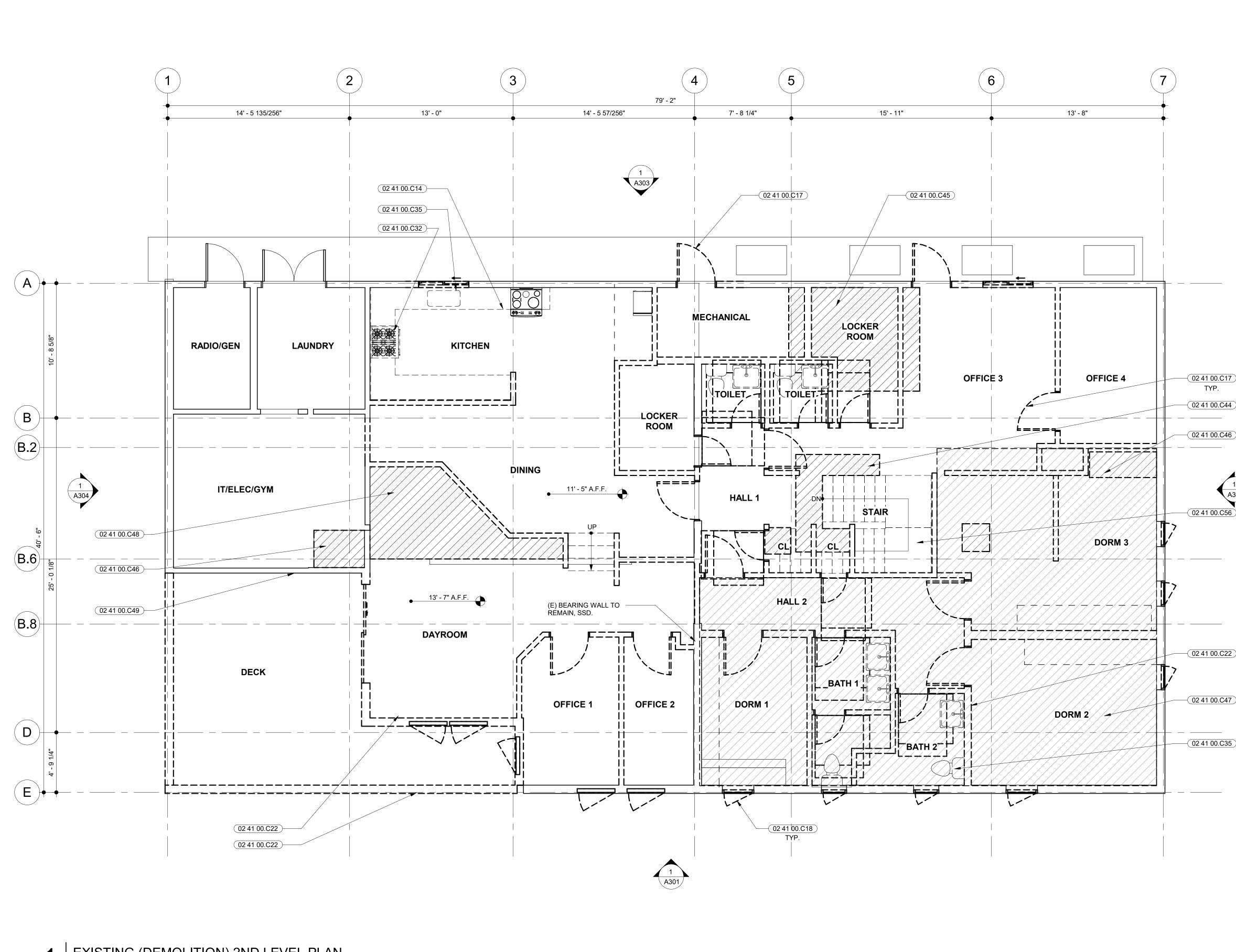




1 PROPOSED 1ST LEVEL PLAN SCALE: 1/4" = 1'-0"

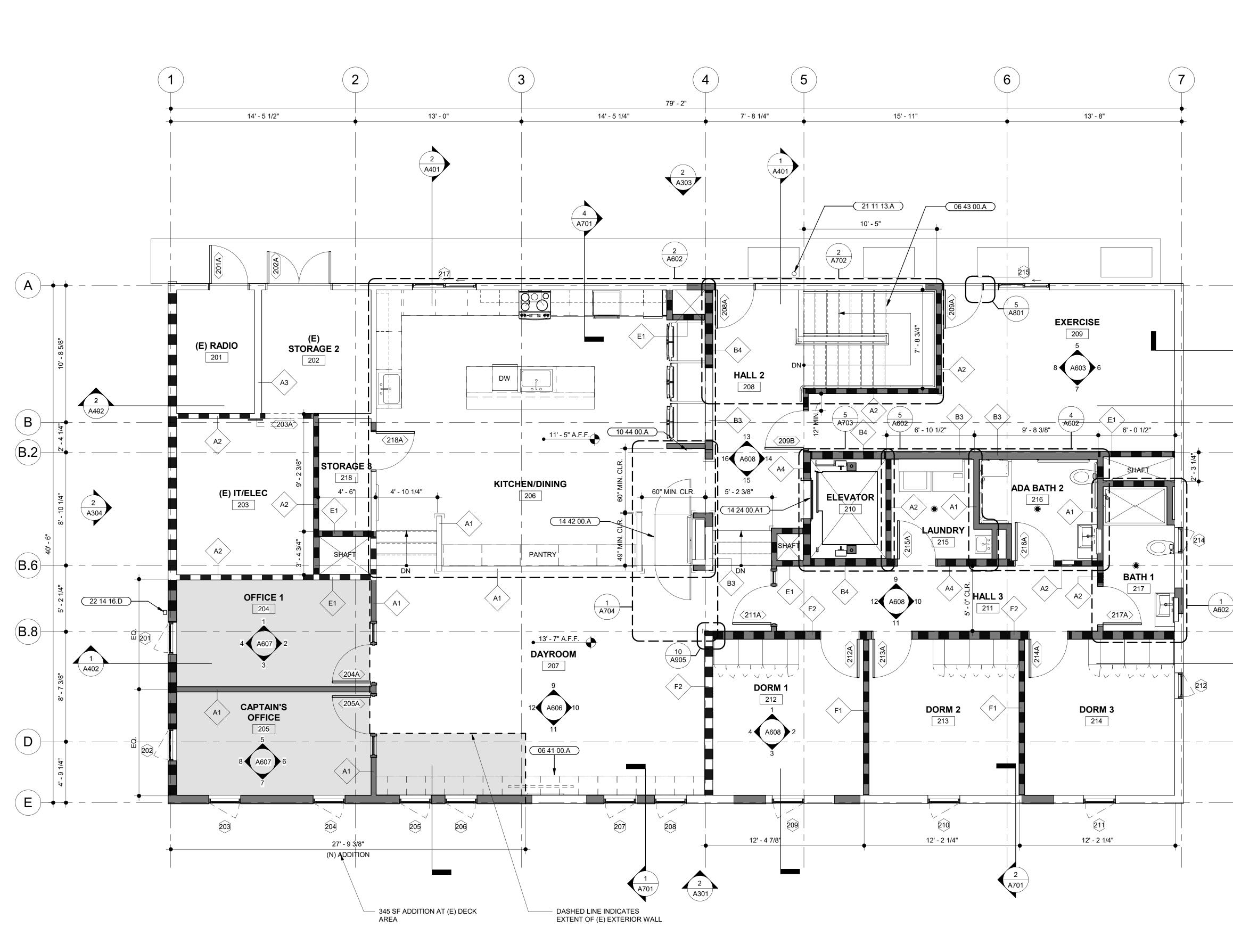
lsers\rober\Documents\Kensington Public Safety Building_Central_robertT6C

 SHEET NOTES DIMENSIONS ARE TAKEN FROM GRIDLINE TO FACE OF STUD. DIMENSIONS NOTED WITH CLR. ARE FROM FACE OF FINISH TO FACE OF FINISH. FURNITURE, FIXTURES, AND EQUIPMENT SHOWN FOR REFERENCE. SEE FF&E PLAN AND SPECIFICATIONS SEE RCP ON SHEET A205 AND A206 SEE ROOF PLAN ON SHEET A208 SEE WALL TYPES ON SHEET A901 FOR EXTERIOR WALL ASSEMBLIES/TYPES, SEE DETAIL CALLOUTS ON EXTERIOR ELEVATIONS PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND WALL MOUNTED ACCESSORIES INCLUDING BATHROOM FIXTURES, SEE DETAIL 3/A902 PROVIDE FIRE BLOCKING FOR WALL CAVITIES THAT EXCEED CBC HEIGHT LIMITATIONS. ALL WALL FRAMING TO EXTEND TO BOTTOM OF FLOOR FRAMING OR ROOF FRAMING, U.O.N. 	STAMP PROJECT ADDRESS 217 ARLINGTON AVE.
KEYNOTES 93 30 00.A CONCRETE APP BAY FLOOR, SLOPE TO DRAINS, REFER 10 FLUMBING DRAWINGS FOR MORE INFORMATION CONTROL PROVIDED TO DRAINS, REFER 06 11 00.A INFILL (E) WINDOW OPENING AT INDICATED LIGHT 07 641 00.B BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE 06 41 00.B UPPER CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES 06 43 00.A (N) WOOD FRAMED STAIR 08 33 0.A (N) OVERHEAD COILING DOOR WITH MOTOR AND CONTROLLER 10 44 00.A FIRE EXTINGUISHER CABINET 10 20 0.D COMMERCIAL EXTRACTOR 12 36 13.A BUTCHER BLOCK COUNTERTOPS 12 36 13.A PLASTIC LAMINATE COUNTERTOPS 12 36 12.A PLASTIC LAMINATE COUNTERTORS 12 40 0.A1 HYDRAULIC ELEVATOR 22 11 2.B TRENCH DRAIN, SEE PLUMBING DRAWINGS 22 12 C. DECON SERVICE SINK WITH INTERGRAL WORKTABLE, GRAWINGS 22 47 13.A HI-LO DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS 23 47 13.A HI-LO DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS	 PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: CATHERINE 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: CATHERINE ELLIS T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 CAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (610) 879-4544 MEP: LIST ENGINEERING CO. 21 HARRIS CT STE A7 MONTEREY, CA 93840 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 RTH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC BSO : VAN NESS AVE, #26 BAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
WALL LEGEND EXISTING WALL TO REMAIN EXISTING WALL TO BE DEMOLISHED PROPOSED WALL PROPOSED WALL I-HR RATED WALL	NO. DESCRIPTION DATE 1 PRELIMINARY SCHEMATIC PRICING SET 09/27/2021 2 PLANNING SUBMITTAL 11/01/2021 3 50% DESIGN DEVELOPMENT 11/1/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021 5 PLANNING SUBMITTAL R1 01/06/2022 7 ISSUED FOR BUILDING PERMIT 04/01/2022 0 0 0 1 0 04/01/2022 0 0 0 1 01/06/2022 0 7 ISSUED FOR BUILDING PERMIT 04/01/2022 0 0 0 0 0 0 0 0 0 10 0 0 11 01/06/2022 0 11 01/06/2022 0 11 01/06/2022 0 11 01/06/2022 0 11 0 0 12 0 0 13 0 0 14 0 0 15 0



EXISTING (DEMOLITION) 2ND LEVEL PLAN

SHEET NOTES 1. SEE STRUCTURAL DRAWINGS FOR EXTENT OF SLAB ON GRADE TO BE REMOVED	MARJANG architecture
KEYNOTES 02 41 00.C14 (E) CASEWORK TO BE REMOVED 02 41 00.C17 (E) DOOR AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP. 02 41 00.C22 (E) WALD VAND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP. 02 41 00.C22 (E) EQUIPMENT TO BE REMOVED 02 41 00.C23 (E) EQUIPMENT TO BE REMOVED 02 41 00.C32 (E) EQUIPMENT TO BE REMOVED 02 41 00.C32 (E) FLOOR AREA TO BE REMOVED 02 41 00.C45 (E) FLOOR AREA TO BE REMOVED 02 41 00.C45 (E) FLOOR AREA TO BE REMOVED FOR (N) ELEVATOR SHAFT 10 241 00.C45 (E) FLOOR AREA TO BE REMOVED FOR (N) RAISED FLOOR AREA SSD. 10 241 00.C46 (E) FLOOR AREA TO BE REMOVED FOR (N) RAISED FLOOR AREA SSD. 10 241 00.C46 (E) RAISED FLOOR AREA TO BE REMOVED FOR (N) RAISED FLOOR AREA SSD. 10 241 00.C46 (E) RAISED FLOOR AREA TO BE REMOVED FOR (N) RAISED FLOOR AREA SSD. 10 241 00.C56 (E) WOOD FRAMED STAIR TO BE REMOVED	STAMP PROJECT ADDRESS PROJECT ADDRESS PROJECT TEAM CLIENT: KENSINGTON FIRE PROJECT TEAM CLIENT: KENSINGTON FIRE CLIENT: KENSINGTON FIRE CLIENT: KENSINGTON FIRE CONTACT: BILL MANSELL T. (415) 373-8064 ARCHITECT: MARJANG ARCHITECTURE BY COLL STREET STE 101 CONTACT: BILL MANSELL T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS BY COLL STREET STE 101 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS BY COLL STREET STE 100 CAN TACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS BY COLL STRUCTURAL ENGINEERS BY COLL STRUET FRAITZ T. (650) 394-8869 CIVIL: BKF ENGINEERS BKF ENGINEERS CONTACT: CATHERINE ELLIS T. (10) 879-4544 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MEP: LIST ENGINEERING CO. 2 HARENS CT STE 47 MICROESTIMATION INC. 361 8TH STREET 370 AUDIOVISUAE: SMITH FAUSE MCDONALD INC. 361 8TH STREET 371 373-4390 AUDIOVISUAE: SMITH FAUSE MCDONALD INC. 363 SI VAN NESS AVE, #28 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T. (415) 828-9626
WALL LEGEND EXISTING WALL TO REMAIN EXISTING WALL TO BE DEMOLISHED PROPOSED WALL Image: Her Rated Wall Image:	NO. DESCRIPTION DATE 1 PRELIMINARY SCHEMATIC PRICING SET 09/27/2021 2 PLANNING SUBMITTAL 11/01/2021 3 50% DESIGN DEVELOPMENT 11/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021 7 ISSUED FOR BUILDING PERMIT 04/01/2022 6 6 6 7 ISSUED FOR BUILDING PERMIT 04/01/2022 6 6 6 7 ISSUED FOR BUILDING PERMIT 04/01/2022 6 6 6 7 ISSUED FOR BUILDING PERMIT 04/01/2022 6 6 6 7 ISSUED FOR BUILDING PERMIT 04/01/2022 6 6 6 7 ISSUED FOR BUILDING PERMIT 04/01/2022 9 6 6 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10

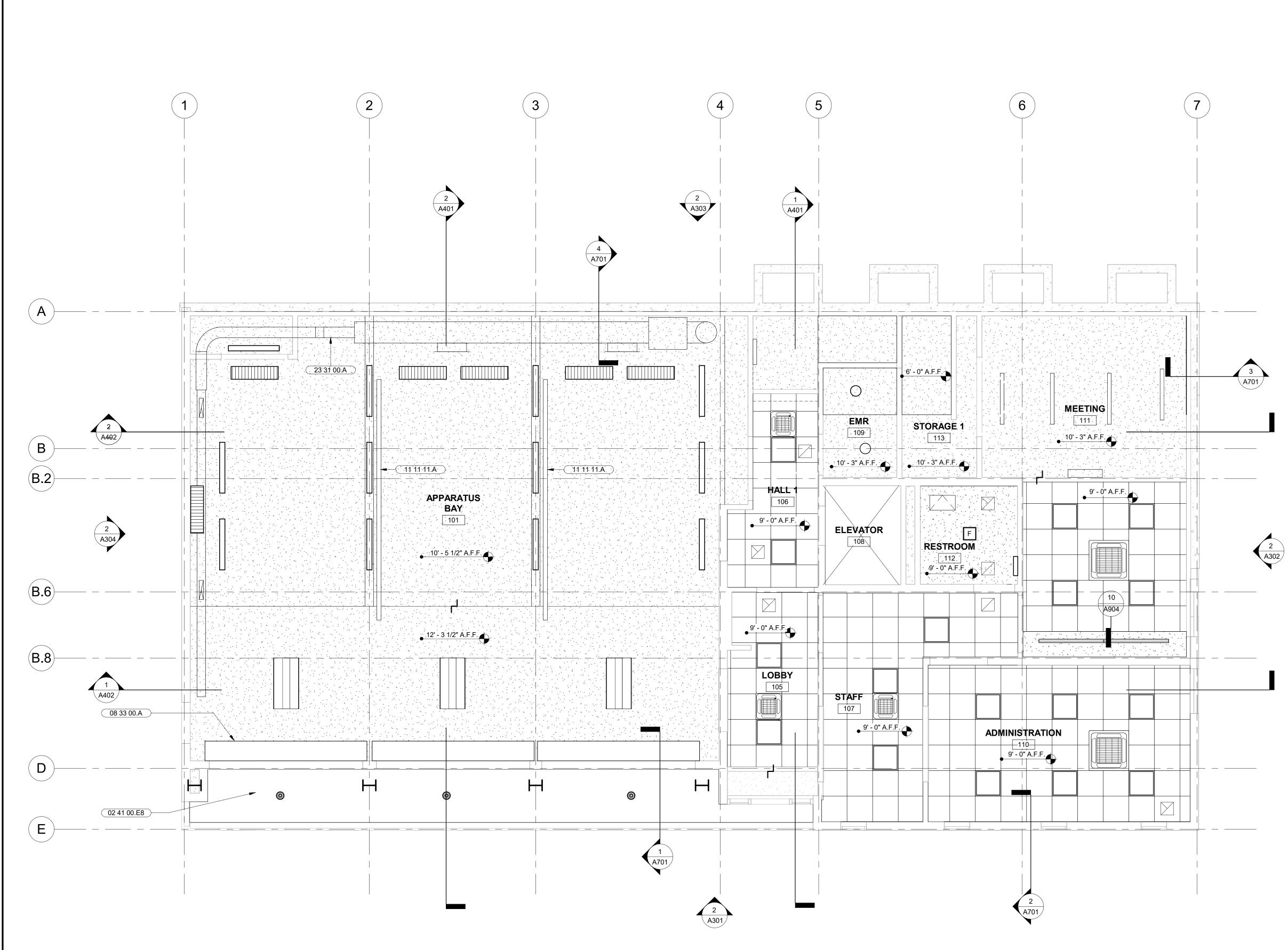


PROPOSED 2ND LEVEL PLAN SCALE: 1/4" = 1'-0" 1

 DIMENSIONS ARE TAKEN FROM GRIDLINE TO FACE OF STUD. DIMENSIONS NOTED WITH CLR. ARE FROM FACE OF FINISH TO FACE OF FINISH. FURNITURE, FIXTURES, AND EQUIPMENT SHOWN FOR REFERENCE. SEE FF&E PLAN AND SPECIFICATIONS SEE ROP ON SHEET A205 AND A206 SEE WALL TYPES ON SHEET A901 FOR EXTERIOR WALL ASSEMBLIES/TYPES, SEE DETAIL CALLOUTS ON EXTERIOR ELEVATIONS PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND WALL MOUNTED ACCESSORIES INCLUDING BATHROOM FIXTURES, SEE DETAIL 3/A902 PROVIDE FIRE BLOCKING FOR WALL CAVITIES THAT EXCEED CBC HEIGHT LIMITATIONS. ALL WALL FRAMING TO EXTEND TO BOTTOM OF FLOOR FRAMING OR ROOF FRAMING, U.O.N. 	STAMP PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
KEYNOTES 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES 06 43 00.A (N) WOOD FRAMED STAIR 10 44 00.A FIRE EXTINGUISHER CABINET 14 24 00.A ADA ACCESSIBLE WHEELCHAIR LIFT 21 11 13.A FIRE SPRINKLER RISER, SEE FIRE PROTECTION DRAWINGS 22 14 16.D (N) RAINWATER LEADER AT EXTERIOR, SEE PLUMBING DRAWINGS	 PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA, 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: ROT BLUE T: (831) 373-4390 AUDIOVVISUAL: SMITH FAUSE MCDONALD INC. 261 8TH STREET SAN FRANCISCO, CA 94110 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. BON FRANCISCO, CA 94110 CONTACT: PETER MCDONALD T: (415) 826-9626
WALL LEGEND EXISTING WALL TO REMAIN EXISTING WALL TO BE DEMOLISHED PROPOSED WALL IHR RATED WALL IHR RATED WALL IFLOOR AREA TO BE REMOVED	NO. DESCRIPTION DATE 1 PRELIMINARY SCHEMATIC PRICING SET 09/27/2021 2 PLANNING SUBMITTAL 11/01/2021 3 50% DESIGN DEVELOPMENT 11/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021 5 PLANNING SUBMITTAL R1 01/06/2022 7 ISSUED FOR BUILDING PERMIT 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 04/01/2022 0 0 05/01/01/01/01/01/01/

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PROPOSED 1ST LEVEL REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0" 1

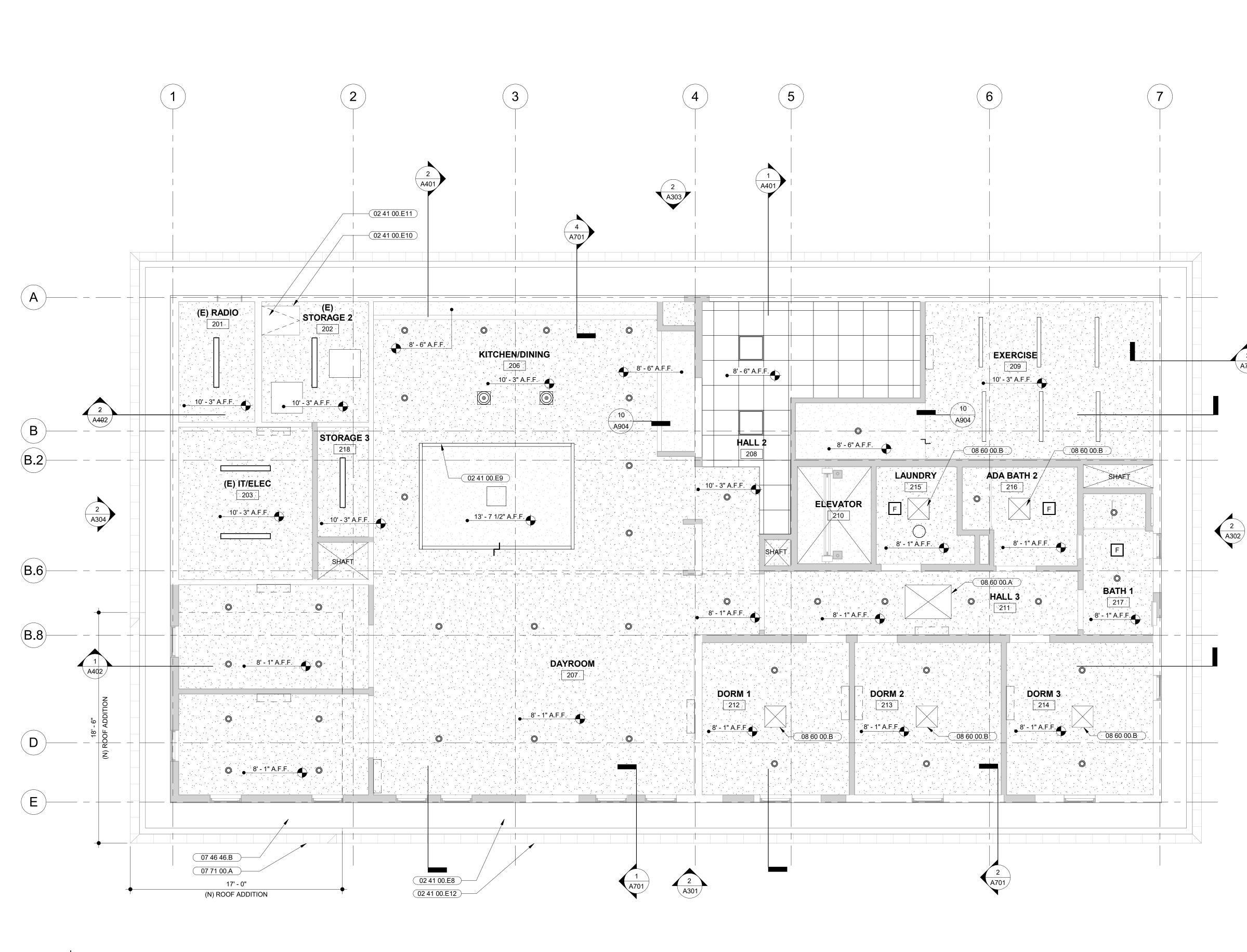
SHEET NOTES

1.	SEE LIGHTING DRAWINGS FOR COMPLETE PLANS AND LIGHT FIXTURE SCHEDULE
2	SEE MECHANICAL DRAWINGS FOR HVAC EQUIPMENT AND
Ζ.	
	DUCT SIZES.
3.	COORDINATE ALL AUDIO/VISUAL DEVICE LOCATIONS WITH
	OWNER PRIOR TO INSTALLATION.
4.	COORDINATE ALL SPRINKLER HEAD LOCATIONS WITH
	ARCHITECT PRIOR TO INSTALLATION.
5	LIGHTS AND CEILING COMPONENTS THAT APPEAR TO RE

- LIGHTS AND CEILING COMPONENTS THAT APPEAR TO BI

COMPONENTS	TO BE ALIGNED, U.O.N. LIGHTS AND CEILING S THAT APPEAR TO BE CENTERED ON A D LINE ARE TO BE CENTERED ON A GRID			
 ALL CEILINGS UNDERSIDE C RESPONSIBLE SUPPORT TO FINISHES. ALL CEILING E FLOOR. NOT ALL CEILI CEILING PLAN REQUIRED TC ELECTRICAL. 	AND SOFFITS ARE ATTACHED TO THE OF STRUCTURE, U.O.N. CONTRACTOR IS TO PROVIDE ALL FRAMING, BLOCKING, AND PROVIDE FOR LEVEL CEILINGS AND SOFFIT ELEVATIONS ARE FROM ABOVE FINISH ING ACCESS PANELS ARE SHOWN ON THIS I. PROVIDE ADDITIONAL ACCESS PANELS AS O ACCESS PLUMBING, MECHANICAL AND SEE MEP DRAWINGS AND CONFIRM TH ARCHITECT.	STAMP	CZSZZZ 9/30/2023	
			ss LINGTON AVE. IGTON, CA 9470)7
		PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
KEYNOTES 02 41 00.E8 PAINT (E) CEMENT BOARD SOFFIT	ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
11 11 11.A (E) VEHI AS REQU	CLE EXHAUST EXTRACTION SYSTEM, REPAIR JIRED, SEE MECHANICAL DRAWINGS JCTS AND CASINGS, SEE MECHANICAL	STRUCTURAL:	ZFA STRUCTURAL ENGINEEF 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
		CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400
		GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	
REFLECTED CEILIN	<u>G LEGEND</u>	MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940	
	SCG1 - 2 X 2 ACOUSTICAL CEILING TILE WITH CONCEALED EDGES AND SUPPORT BARS. SEE SPECIFICATION FOR PANEL TYPE	AUDIO/VISUAL	CONTACT: RON BLUE T: (831) 373-4390 : SMITH FAUSE MCDONALD IN 351 8TH STREET	C.
	GB1 - GYP.BD. CEILING, PTD.	ESTIMATOR:	SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAL T: (415) 255-9140 MICROESTIMATION INC. 850 S. VAN NESS AVE, #26	D
S S S S S S S S S S S S S S S S S S S	SUPPLY GRILLE, SMD.		SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	I
F	RETURN GRILLE, SMD.			
E	EXHAUST GRILLE, SMD.			
	CEILING FAN COIL UNIT, SMD.			
	WALL MOUNTED HVAC UNIT, SMD		DESCRIPTION RY SCHEMATIC PRICING SET	DATE 09/27/2021 11/19/2021
	MECHANICAL ACCESS PANEL, GLASS FIBER REINFORCED GYPSUM (GFRG) RADIUS CORNER SEAMLESS/CONCEALED ACCESS HATCH. COORDINATE WITH EQUIPMENT LOCATIONS.	4 100% DESIG	SN DEVELOPMENT R BUILDING PERMIT	12/17/2021 04/01/2022
O F	RECESSED LIGHT FIXTURE, SED			
	SURFACE MOUNTED FIXTURES, SED			
	2X2 LIGHT FIXTURE, SED		INGTON FIRE PROTECTION DI	STRICT
	LINEAR LIGHT FIXTURE, SED	DESCRIPTION PROPOSED 1S PLAN	T LEVEL REFLECTED CEILING	i
F F	PENDANT LIGHT FIXTURES, SED	PLAN		
	NFRARED HEATER, SMD			
		\bigcirc	A205	

MARJANG Architecture



PROPOSED 2ND LEVEL REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0" 1

SHEET NOTES

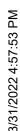
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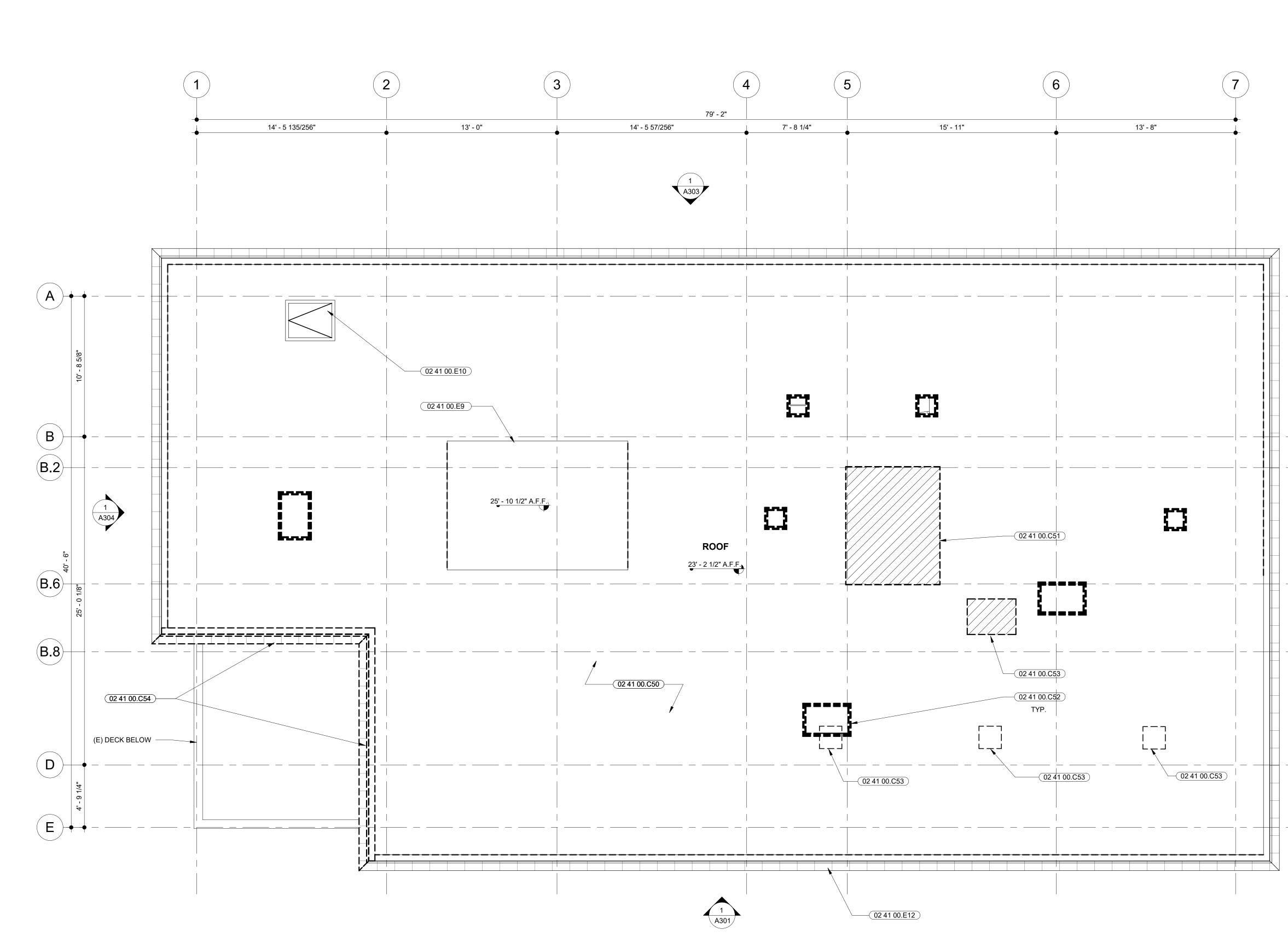
1.	SEE LIGHTING DRAWINGS FOR COMPLETE PLANS AND LIGHT FIXTURE SCHEDULE

- SEE MECHANICAL DRAWINGS FOR HVAC EQUIPMENT AND DUCT SIZES. COORDINATE ALL AUDIO/VISUAL DEVICE LOCATIONS WITH OWNER PRIOR TO INSTALLATION. COORDINATE ALL SPRINKLER HEAD LOCATIONS WITH 2.
- AR
- LIGH ALIG COM WAL LINE
- ALL C UNDE RESF SUPF FINIS ALL C FLOC NOT CEILI REQU ELEC LOCA

 COORDINATE ALL SPRINKLER HEAD LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. LIGHTS AND CEILING COMPONENTS THAT APPEAR TO BE ALIGNED ARE TO BE ALIGNED, U.O.N. LIGHTS AND CEILING COMPONENTS THAT APPEAR TO BE CENTERED ON A WALL OR GRID LINE ARE TO BE CENTERED ON A GRID 	ARCHITECTURE
 LINE OR WALL, U.O.N. ALL CEILINGS AND SOFFITS ARE ATTACHED TO THE UNDERSIDE OF STRUCTURE, U.O.N. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL FRAMING, BLOCKING, AND SUPPORT TO PROVIDE FOR LEVEL CEILINGS AND SOFFIT FINISHES. ALL CEILING ELEVATIONS ARE FROM ABOVE FINISH FLOOR. NOT ALL CEILING ACCESS PANELS ARE SHOWN ON THIS CEILING PLAN. PROVIDE ADDITIONAL ACCESS PANELS AS REQUIRED TO ACCESS PLUMBING, MECHANICAL AND ELECTRICAL. SEE MEP DRAWINGS AND CONFIRM LOCATION WITH ARCHITECT. 	STAMP
	PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707 PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT
	ARCHITECT: MARJANG ARCHITECTURE
KEYNOTES02 41 00.E8PAINT (E) CEMENT BOARD SOFFIT02 41 00.E9(E) CLEARSTORY LIGHT MONITOR02 41 00.E10(E) ROOF HATCH ACCESS DOOR	930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS
02 41 00.E11 (E) WALL MOUNTED LADDER FOR ROOF ACCESS TO REMAIN 02 41 00.E12 (E) METAL FASCIA TO REMAIN 07 46 46.B PAINTED FIBER CEMENT BOARD SOFFIT PANELS 07 71 00.A METAL FASCIA TO MATCH (E)	1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS
08 60 00.A CURB MOUNTED FIXED SKYLIGHT 08 60 00.B CURB MOUNTED MOTOR OPERATED SKYLIGHT	GEOTECH: HALEY ALDRICH
	MEP: 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO.
REFLECTED CEILING LEGEND SCG1 - 2 X 2 ACOUSTICAL CEILING TILE WITH CONCEALED EDGES AND SUPPORT BARS. SEE SPECIFICATION FOR PANEL TYPE	2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET
GB1 - GYP.BD. CEILING, PTD.	ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26
SUPPLY GRILLE, SMD.	SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
RETURN GRILLE, SMD.	
EXHAUST GRILLE, SMD.	
CEILING FAN COIL UNIT, SMD.	NO. DESCRIPTION DATE
	1 PRELIMINARY SCHEMATIC PRICING SET 09/27/2021 3 50% DESIGN DEVELOPMENT 11/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021
MECHANICAL ACCESS PANEL, GLASS FIBER REINFORCED GYPSUM (GFRG) RADIUS CORNER SEAMLESS/CONCEALED ACCESS HATCH. COORDINATE WITH EQUIPMENT LOCATIONS.	7 ISSUED FOR BUILDING PERMIT 04/01/2022
RECESSED LIGHT FIXTURE, SED	
2X2 LIGHT FIXTURE, SED	JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
LINEAR LIGHT FIXTURE, SED	DESCRIPTION PROPOSED 2ND LEVEL FLOOR REFLECTED CEILING PLAN
PENDANT LIGHT FIXTURES, SED	
INFRARED HEATER, SMD	
	→ A206

MARJANG



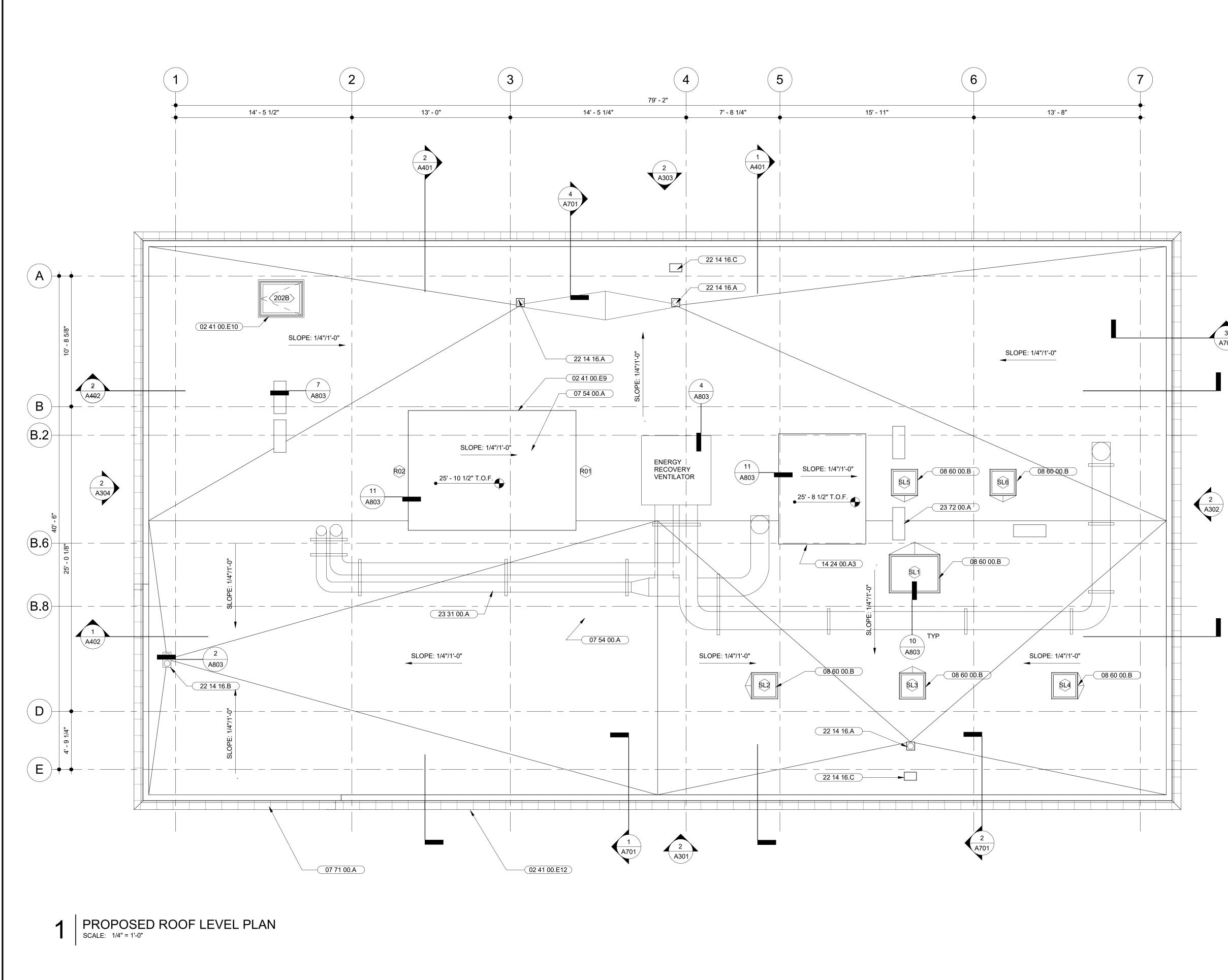


1 EXISTING (DEMOLITION) ROOF LEVEL PLAN SCALE: 1/4" = 1'-0"

SHEET NOTES 1. ALL (E) MECHANICAL EQUIPMENT, DUCTS AND MOUNTS	
 TO BE REMOVED. ALL (E) RADIO EQUIPMENT TO BE SALVAGED. CONFIRM WITH KENSINGTON FIRE AND POLICE DEPARTMENTS FOR STORAGE OR RELOCATION. SEE STRUCTURAL DRAWINGS FOR EXTENT OF (E) ROOF FRAMING TO REMAIN. 	ARCHITECTURE
	STAMP
	PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707
KEYNOTES 02 41 00.C50 (E) ROOF COVERING TO BE REMOVED	CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
02 41 00.C51 (E) ROOF FRAMING TO BE REMOVED FOR (N) ELEVATOR OVERHEAD 02 41 00.C52 (E) SKYLIGHTS TO BE REMOVED 02 41 00.C53 (E) ROOF FRAMING TO BE REMOVED FOR (N) SKYLIGHT 02 41 00.C54 (E) METAL FASCIA TO BE REMOVED 02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
02 41 00.E10 (E) ROOF HATCH ACCESS DOOR 02 41 00.E12 (E) METAL FASCIA TO REMAIN	CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
	GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
	MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
	AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
	ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
WALL LEGEND	NO. DESCRIPTION DATE 1 PRELIMINARY SCHEMATIC PRICING SET 09/27/20
EXISTING WALL TO REMAIN EXISTING WALL TO BE DEMOLISHED PROPOSED WALL	2 PLANNING SUBMITTAL 11/01/20 3 50% DESIGN DEVELOPMENT 11/19/20 4 100% DESIGN DEVELOPMENT 12/17/20 7 ISSUED FOR BUILDING PERMIT 04/01/20
Image: 1-HR RATED WALL Image: 1/2-HR RATED WALL	
FLOOR AREA TO BE REMOVED	JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
	DESCRIPTION EXISTING ROOF PLAN

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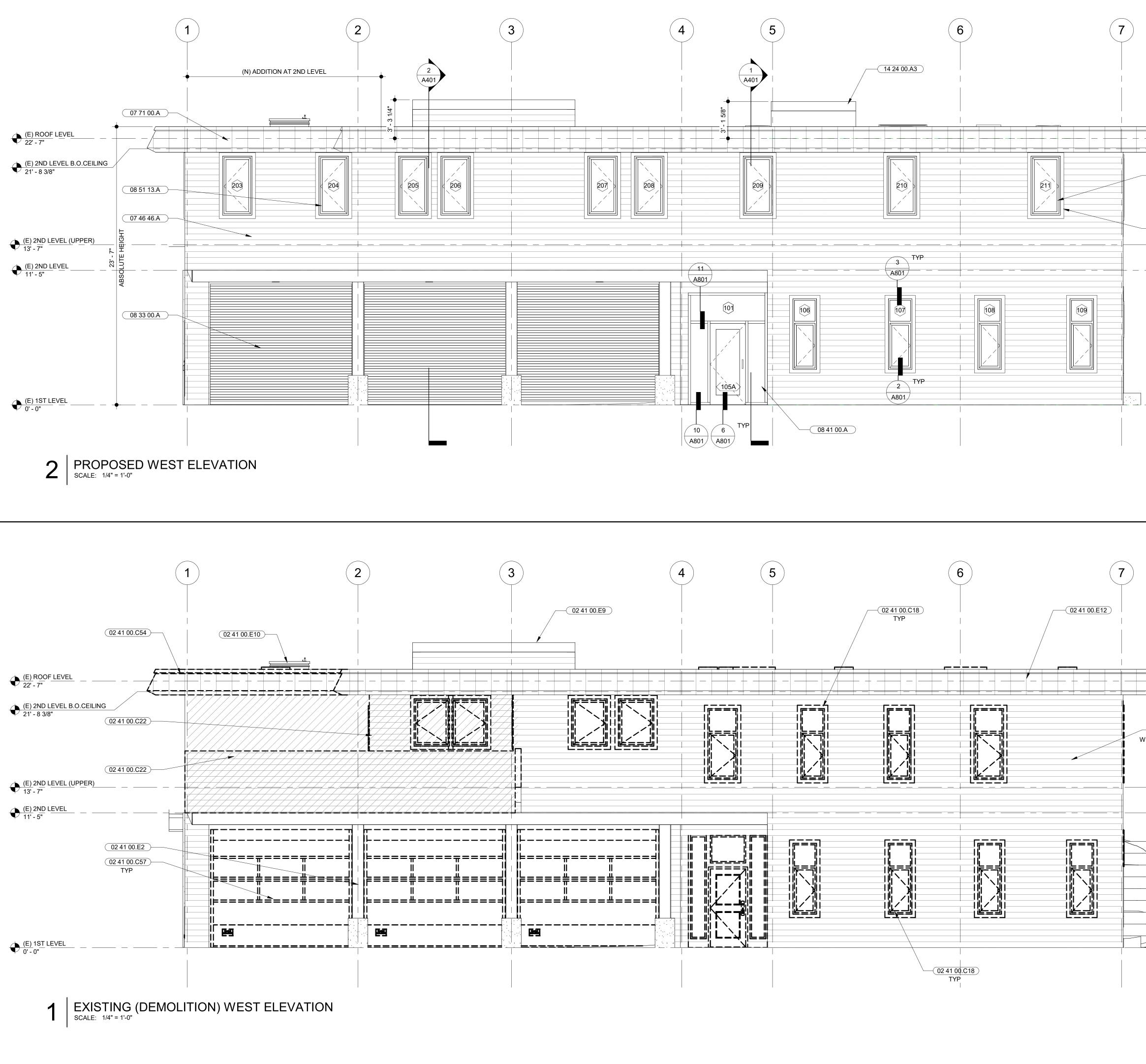


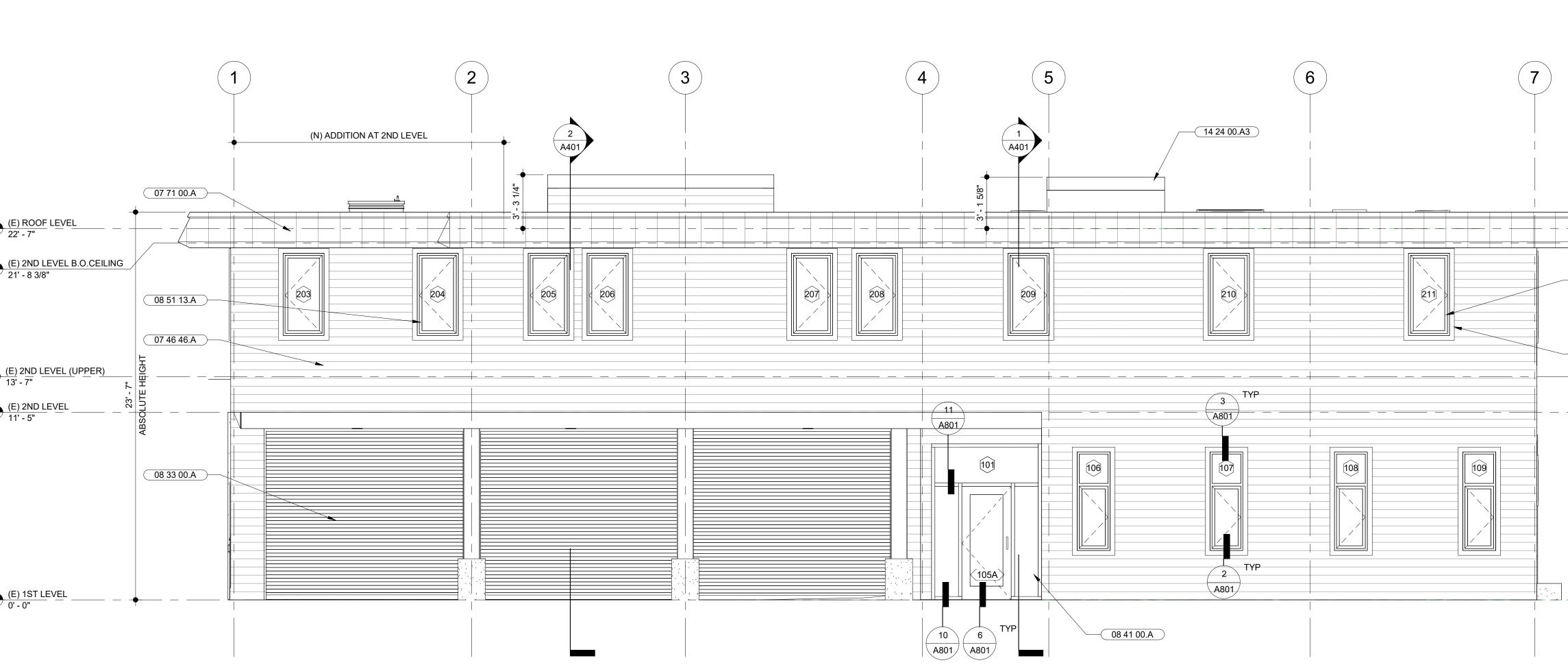
 SEE STRUCTURAL FOR TOP OF FRAMING. TOP OF ROOFING AND TOP OF FRAMING VARY. ALL PENETRATIONS THROUGH ROOF SHALL BE FLASHED 		
 AND SEALED WATERTIGHT. SEE MEP DRAWINGS FOR ADDITIONAL PENETRATIONS. 3. ANTENNA TO BE PROVIDED BY OWNER AND INTALLED BY CONTRACTOR (OFCI), SEE LOW VOLTAGE DRAWINGS. 4. MIN. ROOFING INSULATION THICKNESS PER TITLE-24 CALCULATIONS. 5. TAPER ROOF SLOPES PER PLAN, MINIMUM 1/4" PER FOOT SLOPE. 6. PROVIDE WALK PADS FROM ROOF HATCH THROUGH ALL 		RJAN(
MAIN AISLES FROM ROOF HATCH TO ROOF TOP EQUIPMENT.	STAMP	
7. PROVIDE ROOF CRICKETS AT SKYLIGHTS AND ROOF POP UPS AS REQUIRED FOR DRAINAGE. 1/4" PER FOOT SLOPE		-
MINIMUM 8. SEE MECHANICAL DRAWINGS FOR HVAC DUCTING AT ROOF		CZ5227 9/30/2023
	PROJECT ADDRE	SS
	217 AR	LINGTON AVE. NGTON, CA 94707
	PROJECT TEAM	
	CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
KEYNOTES 02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR	ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
02 41 00.E12(E) METAL FASCIA TO REMAIN07 54 00.ACLASS A THERMOPLASTIC MEMBRANE ROOFING07 71 00.AMETAL FASCIA TO MATCH (E)08 60 00.BCURB MOUNTED MOTOR OPERATED SKYLIGHT14 24 00.A3ELEVATOR HOISTWAY OVERHEAD	STRUCTURAL	: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
22 14 16.A (N) ROOF DRAIN AT EXISTING LOCATION. REUSE (E) STORMWATER PIPING INSIDE BUILDING AND RECONNECT TO THE (E) SYSTEM AT LOCATIONS DOWNSTREAM OF (E) CONNECTION POINTS. RE-ROUTE (E) PIPING TO AVOID SHEAR WALLS. CONTRACTOR TO VERIFY (E) LOCATIONS IN FIELD. , SEE PLUMBING	CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
DRAWINGS 22 14 16.B (N) ROOF DRAIN AND OVERFLOW DRAIN, SEE PLUMBING DRAWINGS 22 14 16.C (N) ROOF SCUPPER AT (E) LOCATION, SEE PLUMBING DRAWINGS	GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
23 31 00.A HVAC DUCTS AND CASINGS, SEE MECHANICAL DRAWINGS 23 72 00.A CURB MOUNTED AIR HANDLING UNIT, SEE MECHANICAL DRAWINGS	MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
	AUDIO/VISUAL	E: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
	ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110

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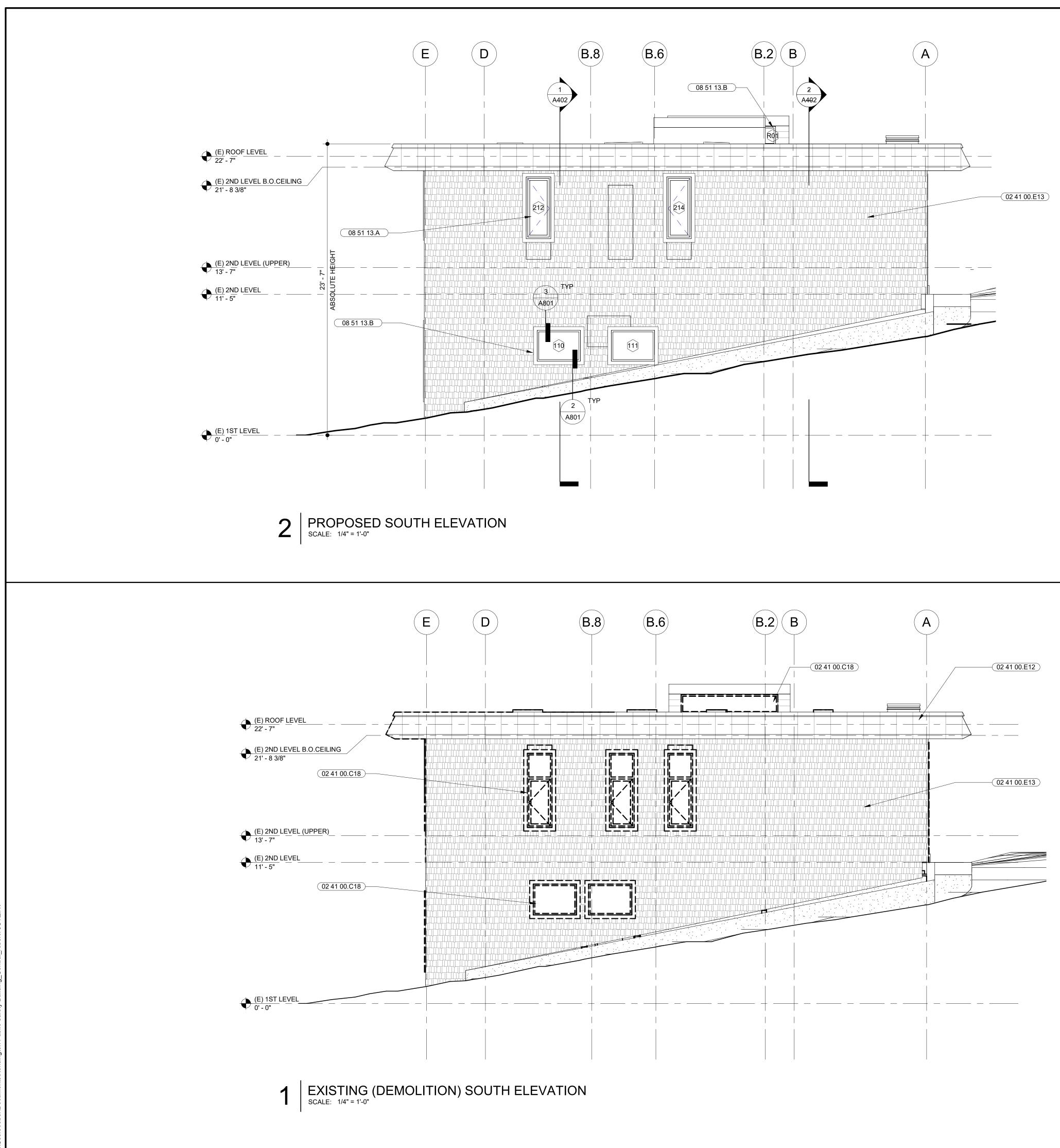
			1	DECODIDITION	DATE
		NO.			DATE
		1		INARY SCHEMATIC PRICING SET	09/27/2021
WALL LEGEN	<u>)</u>	2			11/01/2021
		3			11/19/2021
	EXISTING WALL TO REMAIN	4		ESIGN DEVELOPMENT	12/17/2021
		7	ISSUED	FOR BUILDING PERMIT	04/01/2022
=====	EXISTING WALL TO BE DEMOLISHED				
	PROPOSED WALL				
	1-HR RATED WALL				
	1/2-HR RATED WALL				
	FLOOR AREA TO BE REMOVED	JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING			
			CRIPTIO	1	
		PI	ROPOSE	D ROOF PLAN	
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			\mathcal{D}	A208	



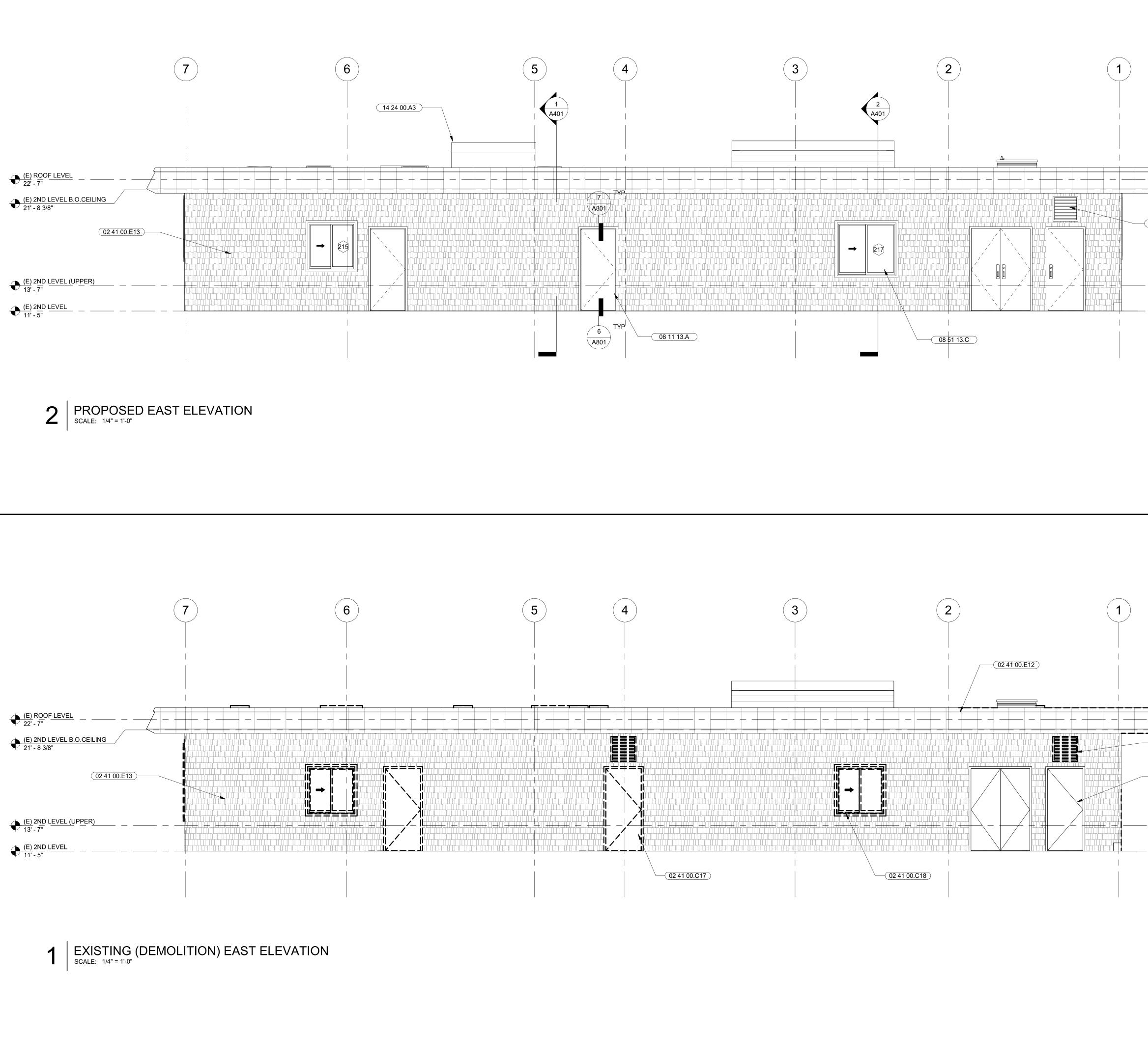




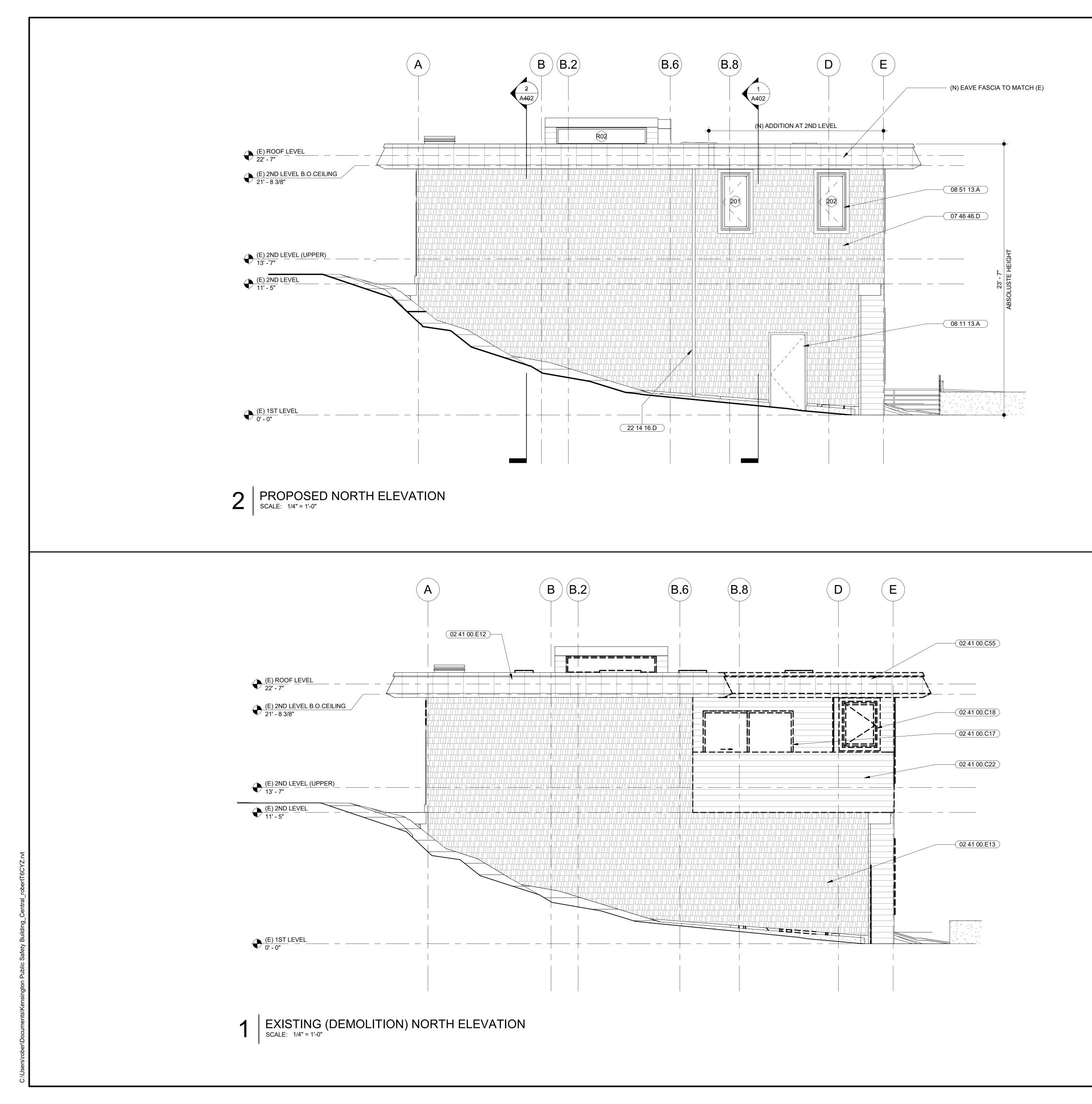
	SHEET NOTES 1. FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE 2. FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE	MARJANG
07 46 46.C TYP.	KEYNOTES 02 41 00.018 (E) WINDOW AND FRAME TO BE REMOVED INDICATED DC 24 100.023 02 41 00.023 (E) WALLS TO BE REMOVED 02 41 00.024 (E) CLARSTORY LIGHT MOORS TO BE REMOVED 02 41 00.024 (E) CLARSTORY LIGHT MONTOR 02 41 00.024 (E) MOTOF HATCH ACCESS DOOR 02 41 00.024 (E) MOTOF HATCH ACCESS DOOR 02 41 00.024 (E) MOTOF HATCH ACCESS DOOR 03 40 00.04 (P) OVERHEAD COLLING DOOR WITH MOTOR AND CONTROLLER 03 41 00.04 (P) ALUMINUM STOREFRONT WINDOW SYSTEM 08 51 13.0 ALUMINUM CASEMENT WINDOW 14 24 00.03 ELEVATOR HOISTWAY OVERHEAD	A R C H I T E C T U R E STAMP STAMP PROJECT ADDRESS PROJECT ADDRESS PROJECT ADDRESS PROJECT TEAM CLIENT: KENSINGTON FIRE CLIENT: KENSINGTON AVE CONTACT: BILL HANSELL T (115) 378-9084 ARCHITECT: MARTIFALING ARCHITECTURE B30 COLLE STREET STE 101 CLIENT: L (115) 378-9084 ARCHITECT: KAREN MAR T. (115) 522-0600 STRUCTURAL: FA STRUCTURAL ENGINEERS CONTACT: KAREN MAR T. (115) 522-0600 STRUCTURAL: FA STRUCTURAL ENGINEERS CONTACT: KAREN MAR T. (115) 522-0600 STRUCTURAL: FA STRUCTURAL ENGINEERS CONTACT: MATTI FRANTIZ T. (150) 394-8899 CIVIL: CARLOS, CA 94107 CONTACT: CALFORINA BLVD STE 400 CMIACT: GEOS MANSON T. (925) 940-2200 GEOTECH: MARTI FRANTIZ T. (150) 394-8899 CIVIL: CARLENC CA 94502 CONTACT: CATHERINE ELLIS T. (101) 879-4544 MEP: L (151 ENGINEERING CO. CA 94117 CONTACT: FICS NUALUP CATHERINE ELLIS T. (101) 373-3900 AUDIO/VISULE: SITH STRIET CONTACT: STR 47 MONTREY. CA 93930 AUDIO/VISULE: MARTIFANICE CONTACT: FICS MARDONALD INC. B1 ENT FISANDICO, CA 94103 CONTACT: PETER MCDONALD INC. B21 ENGINEERING CO. CA 94117 CONTACT: HERNY TOONYANI T. (115) 925-9402 MEM: CALESCHIPTION INCE CAN THE FISANDICO CA 94103 CONTACT: HERNY TOONYANI T. (115) 925-9626
	LEGEND PAINTED HORIZONTAL CEMENT BOARD SIDING	NO.DESCRIPTIONDATE1PRELIMINARY SCHEMATIC PRICING SET09/27/20212PLANNING SUBMITTAL11/01/2021350% DESIGN DEVELOPMENT11/19/20214100% DESIGN DEVELOPMENT12/17/20215PLANNING SUBMITTAL R101/06/20227ISSUED FOR BUILDING PERMIT04/01/2022
	PAINTED SHINGLE CEMENT BOARD SIDING	
	METAL ROOF FASCIA	JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
	AREA OF SELECTIVE DEMOLITION	DESCRIPTION EXTERIOR ELEVATIONS - WEST



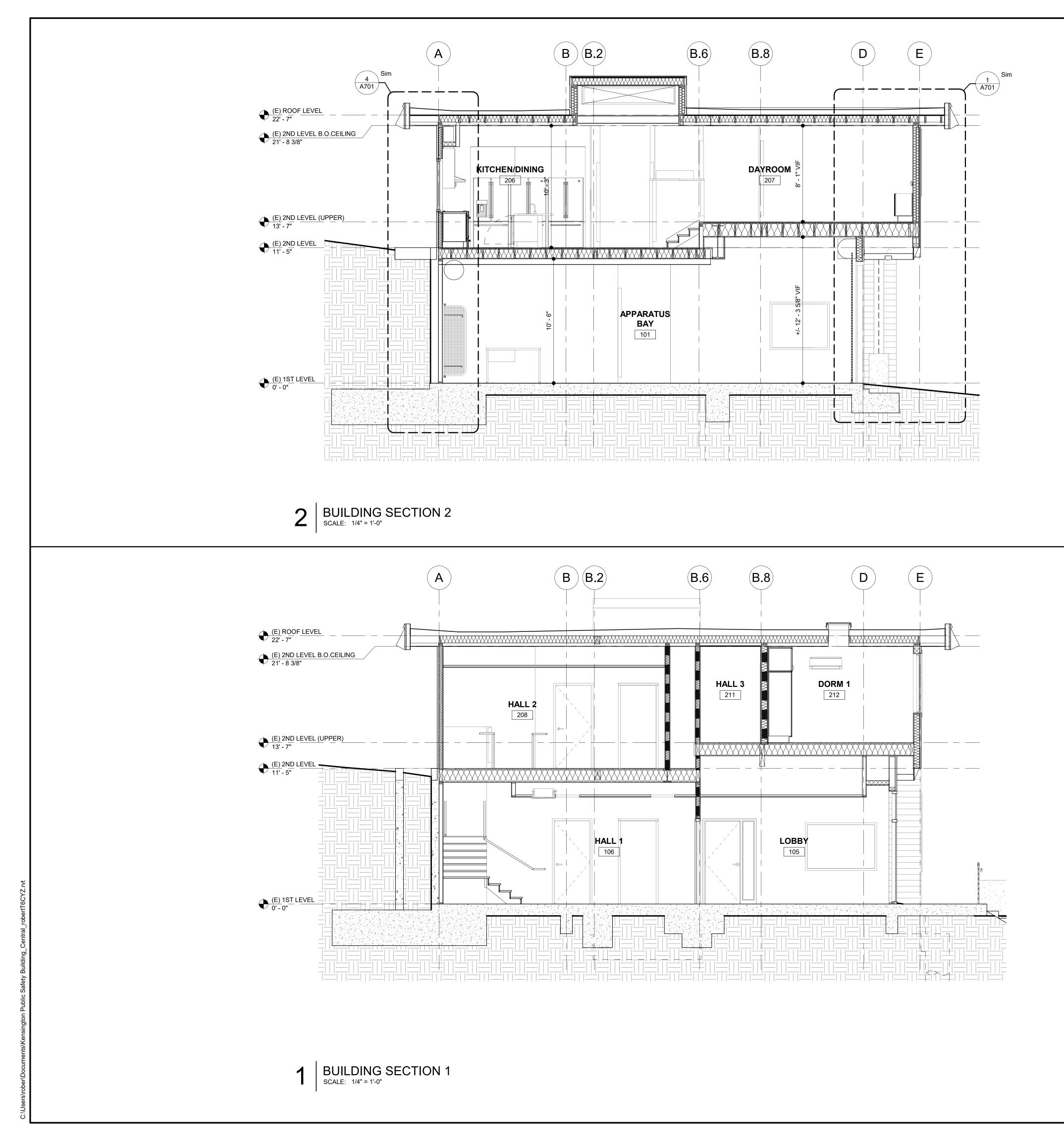
SHEET NOTES	
 FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE 	MARJANG
	STAMP WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW
	PROJECT TEAM
	CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
KEYNOTES 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
BY DASHED LINES, TYP. 02 41 00.E12 (E) METAL FASCIA TO REMAIN 02 41 00.E13 (E) CEMENT BOARD SHINGLE SIDING TO REMAIN. PAINT, PATCH, AND REPAIR AS REQUIRED 08 51 13.A ALUMINUM CASEMENT WINDOW 08 51 13.B ALUMINUM FIXED WINDOW	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
	CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
	GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
	MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
	AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
	ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
LEGEND PAINTED HORIZONTAL CEMENT BOARD SIDING	NO.DESCRIPTIONDATE1PRELIMINARY SCHEMATIC PRICING SET09/27/20212PLANNING SUBMITTAL11/01/2021350% DESIGN DEVELOPMENT11/19/20214100% DESIGN DEVELOPMENT12/17/20215PLANNING SUBMITTAL R101/06/20227ISSUED FOR BUILDING PERMIT04/01/2022
PAINTED SHINGLE CEMENT BOARD SIDING	
METAL ROOF FASCIA	JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT
AREA OF SELECTIVE DEMOLITION	PUBLIC SAFETY BUILDING DESCRIPTION EXTERIOR ELEVATIONS - SOUTH
	→ A302



	 SHEET NOTES 1. FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE 2. FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE 	MARJANG architecture
		STAMP WINDERSS
08 91 00.A		217 ARLINGTON AVE. KENSINGTON, CA 94707
		PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
	KEYNOTES 02 41 00.C17 (E) DOOR AND FRAME TO BE REMOVED INDICATED BY	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
	DASHED LINES, TYP. 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP. 02 41 00.C58 (E) LOUVERS TO BE REMOVED 02 41 00.E3 (E) DOOR TO REMAIN 02 41 00 E12 (E) METAL EASCIA TO REMAIN	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
	02 41 00.E12 (E) METAL FASCIA TO REMAIN 02 41 00.E13 (E) CEMENT BOARD SHINGLE SIDING TO REMAIN. PAINT, PATCH, AND REPAIR AS REQUIRED 08 11 13.A HOLLOW METAL DOOR AND FRAME 08 51 13.C ALUMINUM SLIDING WINDOW 08 91 00.A FIXED PAINTED ALUMINUM LOUVER	CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
	14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD	GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
		MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
		AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
		ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
-(02 41 00.C58)		
- 02 41 00.E3	LEGEND	NO. DESCRIPTION DATE 1 PRELIMINARY SCHEMATIC PRICING SET 09/27/2021 2 PLANNING SUBMITTAL 11/01/2021 3 50% DESIGN DEVELOPMENT 11/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021
	PAINTED HORIZONTAL CEMENT BOARD SIDING	5 PLANNING SUBMITTAL R1 01/06/2022 7 ISSUED FOR BUILDING PERMIT 04/01/2022
	PAINTED SHINGLE CEMENT BOARD SIDING	
	METAL ROOF FASCIA	JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
	AREA OF SELECTIVE DEMOLITION	DESCRIPTION EXTERIOR ELEVATIONS - EAST
		 ⊕ A303



 SHEET NOTES 1. FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE 2. FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE 	MARJANG
	STAMP FROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
KEYNOTES	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117
 02 41 00.C17 (E) DOOR AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP. 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP. 02 41 00.C22 (E) WALLS TO BE REMOVED 02 41 00.C55 (E) METAL LOUVER TO BE REMOVED 02 41 00.E12 (E) METAL FASCIA TO REMAIN 02 41 00.E13 (E) CEMENT BOARD SHINGLE SIDING TO REMAIN. PAINT, PATCH, AND REPAIR AS REQUIRED 07 46 46.D PAINTED FIBER CEMENT BOARD SHINGLE SIDING 08 11 13.A HOLLOW METAL DOOR AND FRAME 	CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON
08 51 13.A ALUMINUM CASEMENT WINDOW 22 14 16.D (N) RAINWATER LEADER AT EXTERIOR, SEE PLUMBING DRAWINGS	T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO.
	2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD
	T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
LEGEND	NO.DESCRIPTIONDATE1PRELIMINARY SCHEMATIC PRICING SET09/27/20212PLANNING SUBMITTAL11/01/2021350% DESIGN DEVELOPMENT11/19/2021
PAINTED HORIZONTAL CEMENT BOARD SIDING	4 100% DESIGN DEVELOPMENT 12/17/2021 5 PLANNING SUBMITTAL R1 01/06/2022 7 ISSUED FOR BUILDING PERMIT 04/01/2022
PAINTED SHINGLE CEMENT BOARD SIDING	
METAL ROOF FASCIA	JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
AREA OF SELECTIVE DEMOLITION	DESCRIPTION EXTERIOR ELEVATIONS - NORTH



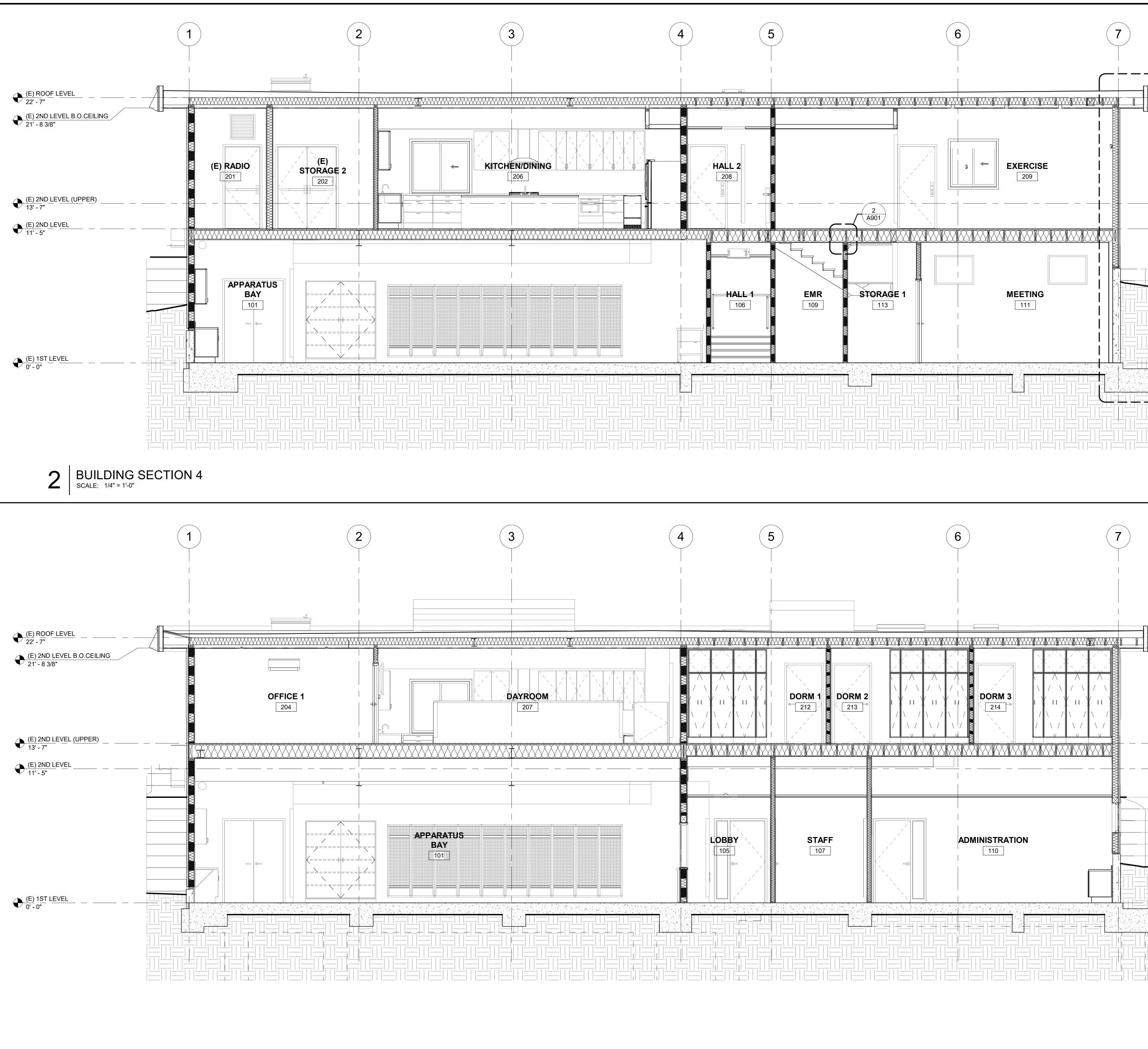
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PROJECT ADDRESS
217 ARLINGTON AVE. KENSINGTON, CA 94707

	CL	IENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
	AF	RCHITECT	: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
	ST	RUCTUR	AL: ZFA STRUCTURAL ENGINEE 1390 EL CAMINO REAL STE SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
	Cľ	VIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD S WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	TE 400
	GE	EOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	5
	M	EP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
	AL	JDIO/VISU	AL: SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAL T: (415) 255-9140	
	ES	STIMATOF	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAI T: (415) 826-9626	NI
NC 1	Э.		DESCRIPTION	
2 3			JARY SCHEMATIC PRICING SET	DATE
		PLANNIN	IARY SCHEMATIC PRICING SET G SUBMITTAL	09/27/2021 11/01/2021
4		PLANNIN 50% DES 100% DE	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT	09/27/2021 11/01/2021 11/19/2021 12/17/2021
		PLANNIN 50% DES 100% DE	G SUBMITTAL IGN DEVELOPMENT	09/27/2021 11/01/2021 11/19/2021 12/17/2021
4		PLANNIN 50% DES 100% DE	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT	09/27/2021 11/01/2021 11/19/2021 12/17/2021
4		PLANNIN 50% DES 100% DE	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT	09/27/2021 11/01/2021 11/19/2021 12/17/2021
4		PLANNIN 50% DES 100% DE	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT	09/27/2021 11/01/2021 11/19/2021 12/17/2021
4		PLANNIN 50% DES 100% DE	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT	09/27/2021 11/01/2021 11/19/2021 12/17/2021
4 7	DB N 21	PLANNIN 50% DES 100% DE ISSUED F	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT	09/27/2021 11/01/2021 11/19/2021 12/17/2021 04/01/2022
4 7 	21 ESC	PLANNIN 50% DES 100% DE ISSUED F 	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT OR BUILDING PERMIT	09/27/2021 11/01/2021 11/19/2021 12/17/2021 04/01/2022
4 7 	21 ESC	PLANNIN 50% DES 100% DE ISSUED F	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT OR BUILDING PERMIT	09/27/2021 11/01/2021 11/19/2021 12/17/2021 04/01/2022
4 7 	21 ESC	PLANNIN 50% DES 100% DE ISSUED F 	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT OR BUILDING PERMIT	09/27/2021 11/01/2021 11/19/2021 12/17/2021 04/01/2022
4 7 	21 ESC	PLANNIN 50% DES 100% DE ISSUED F 	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT OR BUILDING PERMIT	09/27/2021 11/01/2021 11/19/2021 12/17/2021 04/01/2022
4 7 	21 ESC	PLANNIN 50% DES 100% DE ISSUED F 	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT OR BUILDING PERMIT	09/27/2021 11/01/2021 11/19/2021 12/17/2021 04/01/2022
4 7 	21 ESC	PLANNIN 50% DES 100% DE ISSUED F 	G SUBMITTAL IGN DEVELOPMENT SIGN DEVELOPMENT OR BUILDING PERMIT	09/27/2021 11/01/2021 11/19/2021 12/17/2021 04/01/2022



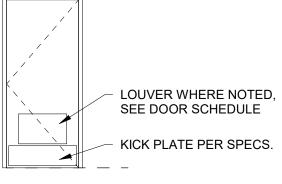




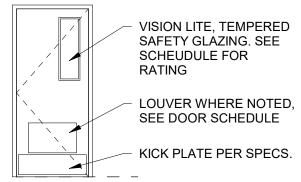
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	STAMP
	PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
	CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH
	1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7
	MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103
<u> </u>	CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI
	T: (415) 826-9626
	NO. DESCRIPTION DATE
	1 PRELIMINARY SCHEMATIC PRICING SET 09/27/2021 2 PLANNING SUBMITTAL 11/01/2021 3 50% DESIGN DEVELOPMENT 11/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021 7 ISSUED FOR BUILDING PERMIT 04/01/2022
	JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
	DESCRIPTION BUILDING SECTIONS
	↔ A402

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STAMP	SCHUSED ARCHINE CZ55227 9/30/2023 MENEWAL DATE OF CALIFORNIT	
	ESS RLINGTON AVE. NGTON, CA 9470)7
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
STRUCTURAI	L: ZFA STRUCTURAL ENGINEEF 1390 EL CAMINO REAL STE 1 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	⁻ E 400
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	3
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
AUDIO/VISUA	L: SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAL T: (415) 255-9140	
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	11
NO.	DESCRIPTION	DATE
PLANNING	ARY SCHEMATIC PRICING SET SUBMITTAL GN DEVELOPMENT	09/27/2021 11/01/2021 11/19/2021
	GN DEVELOPMENT DR BUILDING PERMIT	12/17/2021 04/01/2022
JOB NO.		
2106 KEN	SINGTON FIRE PROTECTION D	ISTRICT
DESCRIPTION BUILDING SE	CTIONS	
\bigcirc	A402	

									DOOR SCHEDULE				
DOOR	PHASE	FIRE		SIZE			DOOR		FRAME		DETAILS		
NO. LOCATION	CREATED	HW SET RATING TY	PE WIDTH	I HEIGHT	r Thick	MAT'L	FINISH	MAT'L	FINISH	HEAD	JAMB	THRESHOLD	REMARK
101A APPARATUS BAY	New Construction	20 MIN C	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PAINTED	HM	PAINTED	7/A903	8/A903	7/A903	PROVIDE SMOKE GASKET
101B APPARATUS BAY	New Construction	F	12' - 0"	10' - 3"	0' - 0"	METAL	MNFR PAINT	METAL	MNFR PAINT	6/A802	1/A802		CONFIRM MAXIMUM HEIGHT FOR DOOR OPENING + COILING ENCLOSURE
101C APPARATUS BAY	New Construction	F	12' - 0"	10' - 3"	0' - 0"	METAL	MNFR PAINT	METAL	MNFR PAINT	6/A802	1/A802		CONFIRM MAXIMUM HEIGHT FOR DOOR OPENING + COILING ENCLOSURE
101D APPARATUS BAY	New Construction	F	12' - 0"	10' - 3"	0' - 0"	METAL	MNFR PAINT	METAL	MNFR PAINT	6/A802	1/A802		CONFIRM MAXIMUM HEIGHT FOR DOOR OPENING + COILING ENCLOSURE
101E APPARATUS BAY	New Construction	20 MIN A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PAINTED	HM	PAINTED	6/A801	4/A801	5/A801	NON-COMBUSTIBLE SOLID CORE EXTERIOR GRADE PER WUI REQUIREMENTS. PROVIDE LOUVER PER MECHANICAL DRAWINGS
102A COMPRESSOR	New Construction	D	5' - 0"	7' - 0"	0' - 1 3/4"	HM	PAINTED	HM	PAINTED	7/A903	8/A903	7/A903	
105A LOBBY	New Construction	20 MIN F	3' - 0"	6' - 10 3/4"	0' - 1 3/4"	ALUMINUM	DARK BRONZE ANOD.	ALUMINUM	DARK BRONZE ANOD.				PART OF STOREFRONT WINDOW SYSTEM. INSULATED, LOW-E, TEMPERED SAFETY GLAZING AT LITE
106A HALL 1	New Construction	20 MIN C	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	HM	PAINTED	7/A903	8/A903	7/A903	
107A STAFF	New Construction	C	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	5/A903	6/A903		
109A EMR	New Construction	20 MIN A	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	HM	PAINTED	7/A903	8/A903	7/A903	
110A ADMINISTRATION	New Construction	C	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	5/A903	6/A903		
111A MEETING/E.O.C.	New Construction	C	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	HM	PAINTED	5/A903	6/A903		
112A RESTROOM	New Construction	A	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	5/A903	6/A903		
113A STORAGE	New Construction	D	6' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	HM	PAINTED	5/A903	6/A903		
201A (E) RADIO	Existing	20 MIN A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PAINTED	HM	PAINTED	6/A801	4/A801	5/A801	
202A (E) STORAGE	Existing	20 MIN D	5' - 0"	7' - 0"	0' - 1 3/4"	НМ	PAINTED	НМ	PAINTED	6/A801	4/A801	5/A801	
202B (E) STORAGE	Existing		3' - 0"	1' - 0 5/8"									ROOF HATCH
203A (E) IT/ELEC	Existing		0' - 0"	0' - 0"									REMOVE DOOR AT (E) OPENING, LEAVE HM FRAME
204A OFFICE 1	New Construction	C	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	5/A903	6/A903		
205A CAPTAIN'S OFFIC	E New Construction	C	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	HM	PAINTED	5/A903	6/A903		
208A HALL 2	New Construction	20 MIN A	3' - 0"	7' - 0"	0' - 1 3/4"	НМ	PAINTED	НМ	PAINTED	6/A801	4/A801	5/A801	
209A EXERCISE	New Construction	20 MIN A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PAINTED	HM	PAINTED	6/A801	4/A801	5/A801	
209B EXERCISE	New Construction	В	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	HM	PAINTED	5/A903	6/A903		
211A HALL 3	New Construction	20 MIN C	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	HM	PAINTED	7/A903	8/A903	7/A903	
212A DORM 2	New Construction	20 MIN A	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	7/A903	8/A903	7/A903	
213A DORM 2	New Construction	20 MIN A	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	7/A903	8/A903	7/A903	
214A DORM 3	New Construction	20 MIN A	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	7/A903	8/A903	7/A903	
215A BATH 1	New Construction	20 MIN A	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	7/A903	8/A903	7/A903	
216A BATH 2	New Construction	20 MIN A	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	7/A903	8/A903	7/A903	
217A LAUNDRY	New Construction	20 MIN A	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	CLEAR COAT	НМ	PAINTED	7/A903	8/A903	7/A903	LOUVERED
218A STORAGE	New Construction	A	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	CLEAR COAT	HM	PAINTED	5/A903	6/A903		



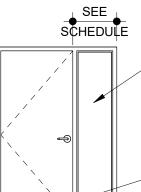
TYPE A SINGLE FLUSH



TYPE B

SINGLE FLUSH W/ VISION LITE

- LOUVER WHERE NOTED, SEE DOOR SCHEDULE KICK PLATE PER SPECS.

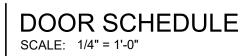


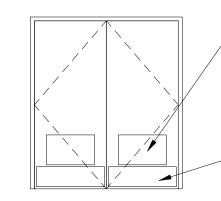
- VISION SIDELITE, TEMPERED SAFETY GLAZING. SEE SCHEDULE FOR RATING

- KICK PLATE PER SPECS.

TYPE C SINGLE FLUSH W/ VISION SIDELITE

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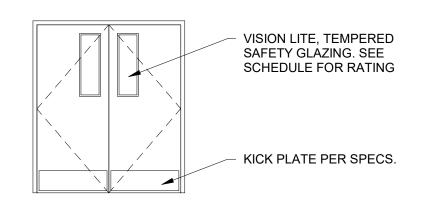




- LOUVER WHERE NOTED, SEE DOOR SCHEDULE

KICK PLATE PER SPECS.

TYPE D DOUBLE FLUSH



TYPE E DOUBLE FLUSH W/ VISION LITE

PER MANUF. FULL VISION LITE, TEMPERED SAFETY GLAZING KICK PLATE PER SPECS. ÷.

RAIL AND STILE WIDTH



DOOR TYPICAL NOTES

1. SQUARE PROFILE FOR ALL GLAZING STOPS, NO OGEE OR CURVED PROFILES. IF GLAZED FROM EXTERIOR SIDE, GLAZING STOPS TO BE SLOPED MIN. 1/4" PER FT TO SHED WATER.

2. ALL GLASS TO BE TEMPERED.

3. ALL SIZES ARE FOR APPROXIMATE FOR PRICING, GC TO CONFIRM ACTUAL SIZE AND ROUGH OPENING PRIOR TO PLACING ORDER OR FABRICATION.

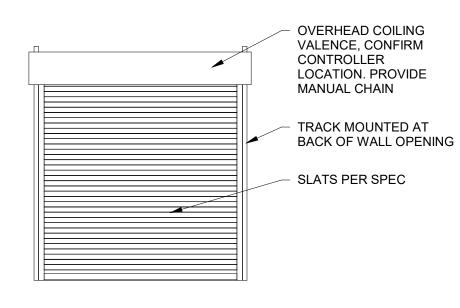
4. NOTE RAIL AND STILE DIMENSIONS, AND FABRICATE ACCORDINGLY.

5. CONFIRM BACKSET DIMENSIONS OF LEVERSETS AND LOCKSETS BEFORE CROSS BORING.

6. 5/16" MAX UNDERCUT @ DOOR BOTTOMS. UNDERCUT ONLY AT CARPETED AREAS. UNDERCUT DOORS ARE IDENTIFIED IN DOOR SCHEDULE.

1PRELIMINARY SCHEMATIC PRICING SET09/27350% DESIGN DEVELOPMENT11/194100% DESIGN DEVELOPMENT12/17	STAMP	CZ5227 9/30/2023 MEMEMAAL DATE OF CALIFORNIL	
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: CATHERINE ELLIS T: (650) 879-4544 MEP: LIST ENGINEERNG CO. 2 HARRIS CT STE A7 MONTEREY, CA 39340 CONTACT: ROTHERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 39340 CONTACT: RON BLUE T: (31) 373-4390 AUDIOVISUAE: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626 NO DESCRIPTION D/2 3 S0% DESIGN DEVELOPMENT 1/17 1 SUBUE FOR BUILDING PERMIT 0/07 1 1 PRELIMINARY SCHEMATIC PRICING SET 3 50% DESIGN DEVELOPMENT 1/17 1 4 100% DESIGN DEVELOPMENT 1/17 1 4 100% DESIGN DEVELOPMENT 1/17 1 3 50% DESIGN DEVELOPMENT 1/17 1 4 100% DESIGN DEVELOPMENT 1/17 1	217 AR	LINGTON AVE.)7
ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117. CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1330 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 350 S VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626 NO. DESCRIPTION D////////////////////////////////////		PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL	
STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 941101 CONTACT: HENRY TOORYANI T: (415) 826-9626 NO. DESCRIPTION 00/2000 1 PRELIMINARY SCHEMATIC PRICING SET 09/27 3 50% DESIGN DEVELOPMENT 11/16 4 100% DESIGN DEVELOPMENT 10/16 1 10000000000000000000000000000000000	ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR	
1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94598 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 941103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626 MON DESCRIPTION D////////////////////////////////////	STRUCTURAL	: ZFA STRUCTURAL ENGINEE 1390 EL CAMINO REAL STE 1 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ	
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2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626 NO. DESCRIPTION D////////////////////////////////////	GEOTECH:	1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS	3
351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. B50 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626 NO. DESCRIPTION D/ PRELIMINARY SCHEMATIC PRICING SET 09/27 50% DESIGN DEVELOPMENT 11/19 4 100% DESIGN DEVELOPMENT 12/17 7 ISSUED FOR BUILDING PERMIT 04/01	MEP:	2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE	
850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626 NO. DESCRIPTION D////////////////////////////////////	AUDIO/VISUAL	351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAI	
1 PRELIMINARY SCHEMATIC PRICING SET 09/27 3 50% DESIGN DEVELOPMENT 11/19 4 100% DESIGN DEVELOPMENT 12/17 7 ISSUED FOR BUILDING PERMIT 04/01 9 9 9 9	ESTIMATOR:	850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN	11
JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRIC	1PRELIMINAL350% DESIGN4100% DESIGN	RY SCHEMATIC PRICING SET N DEVELOPMENT GN DEVELOPMENT	DA 09/27/ 11/19/ 12/17/
2106 KENSINGTON FIRE PROTECTION DISTRIC		R BUILDING PERMII	04/01/
2106 KENSINGTON FIRE PROTECTION DISTRIC			
	JOB NO.		ISTRIC

MARJANG

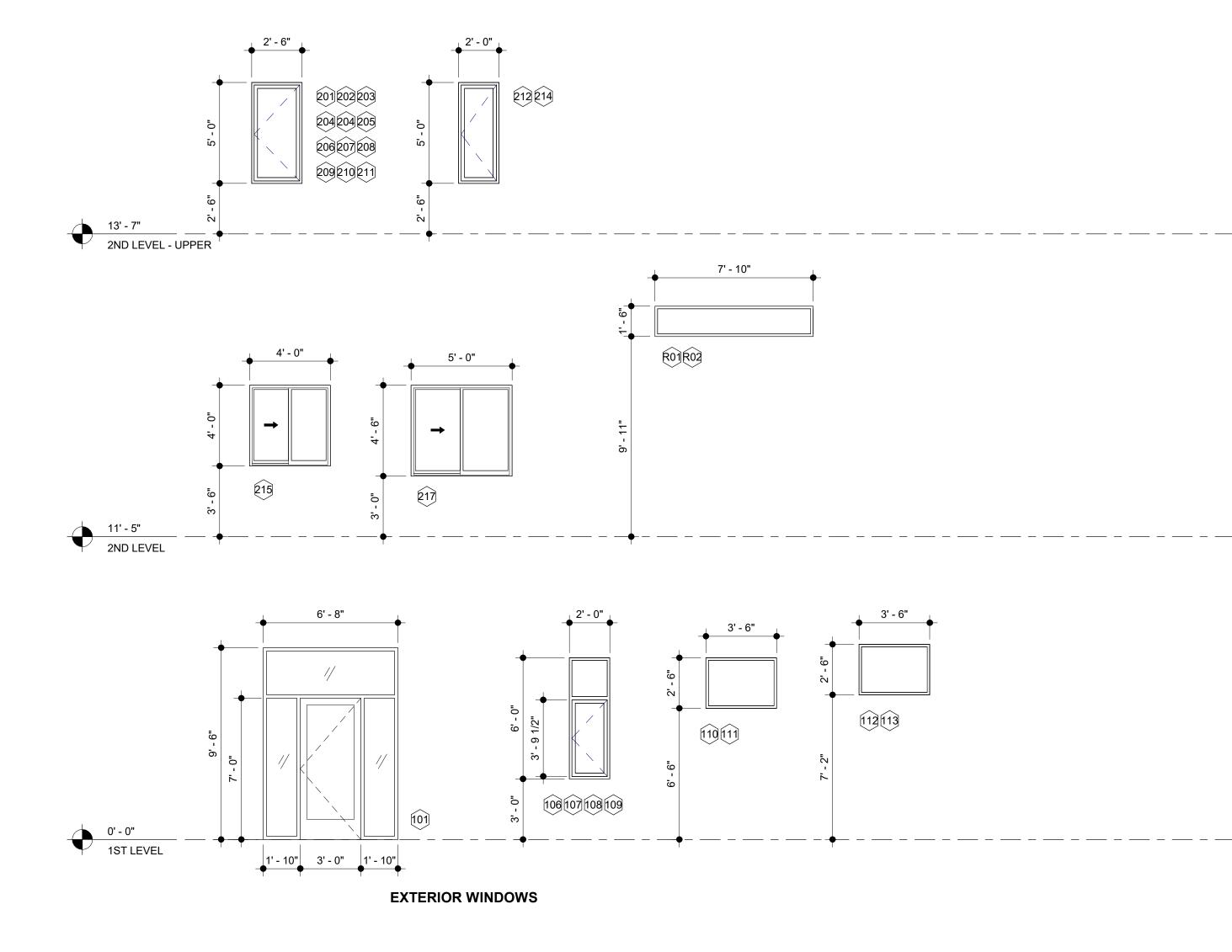


TYPE G OVERHEAD COILING ROLL-UP DOOR

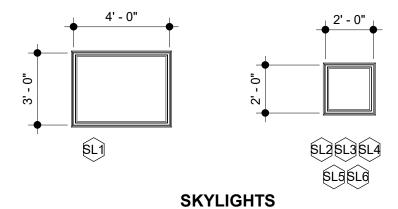
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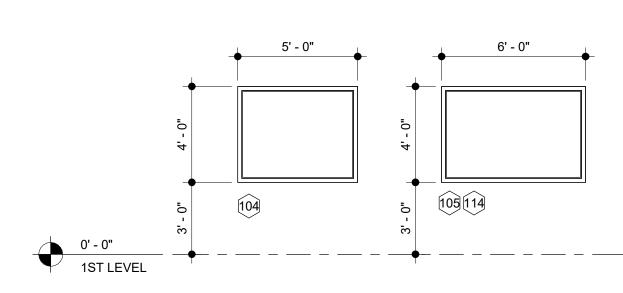
WINDOW SCHEDULE										
			OPENING		MATERIALS					
WT LOCATION	TYPE	CONSTRUCTION TYPE	WIDTH HEI	GHT FINISH	GLAZING	TRIM	U-FACTOR COMMENTS			
04 LOBBY	INTERIOR	WINDOWHM_FRAME_W_SINGLE_PANE_10789	4' - 8" 3' - 8	" PAINTED HM	TEMPERED	NONE	1-HR RATED FRAME AND GLAZING ASSEMBLY			
105 LOBBY	INTERIOR	WINDOWHM_FRAME_W_SINGLE_PANE_10789	5' - 8" 3' - 8	" PAINTED HM	TEMPERED	NONE				
106 STAFF	EXTERIOR	Window-Casement-Upper Lite-Trim	2' - 0" 6' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)	REPLACE EXISTING IN-KIND			
07 ADMINISTRATION	EXTERIOR	Window-Casement-Upper Lite-Trim	2' - 0" 6' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)	REPLACE EXISTING IN-KIND			
08 ADMINISTRATION	EXTERIOR	Window-Casement-Upper Lite-Trim	2' - 0" 6' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)	REPLACE EXISTING IN-KIND			
09 ADMINISTRATION	EXTERIOR	Window-Casement-Upper Lite-Trim	2' - 0" 6' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)	REPLACE EXISTING IN-KIND			
10 ADMINISTRATION	EXTERIOR	Window-Fixed-Trim	3' - 6" 2' - 6	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)	(N) WINDOW LOCATION, SEE PLAN AND ELEVATION			
111 ADMINISTRATION	EXTERIOR	Window-Fixed-Trim	3' - 6" 2' - 6	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)	REPLACE EXISTING IN-KIND			
12 MEETING	EXTERIOR	Window-Fixed	3' - 4" 2' - 6	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	REPAIR AS REQUIRED	REPLACE EXISTING IN-KIND			
13 MEETING	EXTERIOR	Window-Fixed	3' - 4" 2' - 6	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	REPAIR AS REQUIRED	REPLACE EXISTING IN-KIND			
14 STAFF	INTERIOR	WINDOWHM_FRAME_W_SINGLE_PANE_10789	5' - 8" 3' - 8	PAINTED HM	TEMPERED	NONE				
01 OFFICE 1	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
202 CAPTAIN'S OFFICE	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
03 CAPTAIN'S OFFICE	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
04 CAPTAIN'S OFFICE	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
05 DAYROOM	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
06 DAYROOM	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
207 DAYROOM	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
208 DAYROOM	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
209 DORM 1	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
210 DORM 2	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
211 DORM 3	EXTERIOR	Window-Casement-Trim	2' - 6" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				
212 DORM 3	EXTERIOR	Window-Casement-Trim	2' - 0" 5' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)	REPLACE EXISTING IN-KIND			
14 LAUNDRY	EXTERIOR	Window-Casement-Trim	2' - 0" 5' - 0		TEMPERED, INSULATED, LOW-E	MATCH (E)	REPLACE EXISTING IN-KIND			
215 EXERCISE	EXTERIOR	Window-Sliding-Double	4' - 0" 4' - 0		TEMPERED, INSULATED, LOW-E	MATCH (E)	REPLACE EXISTING IN-KIND			
17 KITCHEN/DINING	EXTERIOR	Window-Sliding-Double	5' - 0" 4' - 6		TEMPERED, INSULATED, LOW-E	MATCH (E)	(N) WINDOW SIZE AND LOCATION, SEE PLAN AND ELEVATION			
_01 (E) RADIO	EXTERIOR	Window-Louvers	2' - 0" 2' - 0	PAINTED ALUM.		MATCH (E)	REPLACE EXISTING IN-KIND			
01 KITCHEN/DINING	EXTERIOR	Window-Fixed	7' - 10" 1' - 6		TEMPERED, INSULATED, LOW-E	NONE	REPLACE EXISTING IN-KIND			
02 KITCHEN/DINING	EXTERIOR	Window-Fixed	7' - 10" 1' - 6	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	NONE	REPLACE EXISTING IN-KIND			
6L1 HALL 3	EXTERIOR	Skylight	4' - 0" 3' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E		CURB MOUNTED FIXED			
SL2 DORM 1	EXTERIOR	Skylight	2' - 0" 2' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E		CURB MOUNTED MOTORIZED			
L3 DORM 2	EXTERIOR	Skylight	2' - 0" 2' - 0		TEMPERED, INSULATED, LOW-E		CURB MOUNTED MOTORIZED			
L4 DORM 3	EXTERIOR	Skylight	2' - 0" 2' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E		CURB MOUNTED MOTORIZED			
L5 LAUNDRY	EXTERIOR	Skylight	2' - 0" 2' - 0		TEMPERED, INSULATED, LOW-E		CURB MOUNTED MOTORIZED			
SL6 ADA BATH	EXTERIOR	Skylight	2' - 0" 2' - 0	BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E		CURB MOUNTED MOTORIZED			
				STOREFRONT WINE	DOW SCHEDULE					
01 LOBBY	EXTERIOR	STOREFRONT WINDOW WALL SYSTEM	6' - 8" 9' - 6	VIF BRONZE ANOD. ALUM.	TEMPERED, INSULATED, LOW-E	MATCH (E)				



WINDOW SCHEDULE SCALE: 1/4" = 1'-0"







INTERIOR WINDOWS

WINDOW TYPICAL NOTES

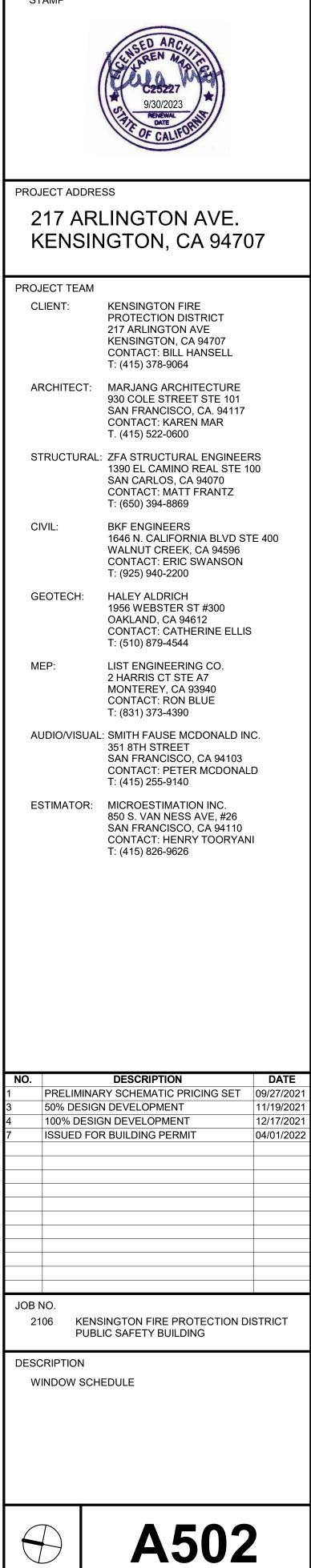
1. ALL GLASS TO BE LOW-E, INSULATED, TEMPERED SAFETY GLAZING W/ BUG VISIBLE.

2. ALL WINDOWS HAVE MANUFACTURER'S U-FACTOR LISTING (T24 CALCULATION SHOW ENERGY COMPLIANCE OVER MINIMUM 0.40 REQUIRED).

3. ALL SIZES ARE APPROXIMATE FOR PRICING, GC TO CONFIRM ACTUAL SIZE AND ROUGH OPENING PRIOR TO PLACING ORDER OR FABRICATION.



STAMP



			FIN	ISH SCHEDULE		
ROOM NO.	NAME	FLOOR FINISH	WALL FINISH	BASE FINISH	CEILING FINISH	COMMENTS
101	APPARATUS BAY	SC-1	GB-2, P-2, PH-1	CB-1	GB-2, P-2	PH-1: 8'-0" H WALL PANEL
101	COMPRESSOR	SC-1	GB-2, P-2, PH-1	CB-1	GB-2, P-2	PH-1: 8'-0" H WALL PANEL
102	LOBBY	PC-1	GB-1, P-1, FRL-1	-	ACT-1	FRL-1: 3'-0"H WAINSCOAT
106	HALL 1	PC-1	GB-1, P-1, FRL-1		ACT-1	FRL-1: 3'-0"H WAINSCOAT
107	STAFF	CP-2	GB-1, P-1	RB-1	ACT-1	
108	ELEVATOR	SC-1	GB-1	N/A	GB-1	
109	EMR	PC-1	GB-1, P-1	RB-1	GB-1, P-1	
110	ADMINISTRATION	CP-2	GB-1, P-1, TS-1	RB-1	ACT-1	
111	MEETING	CP-2	GB-1, P-1, TS-1	RB-1	ACT-1, GB-1, P-1	
112	RESTROOM	TL-3	TL-1	TL-1 COVED	GB-2, P-2	
113	STORAGE 1	CP-2	GB-1, P-1	RB-1	GB-1, P-1	
201	(E) RADIO	SDT-1	GB-1, P-2	RB-1	GB-1, P-2	
202	(E) STORAGE 2	SDT-1	GB-1, P-2, FRL-1	RB-1	GB-1, P-2	FRL-1: 3'-0"H WAINSCOAT
203	(E) IT/ELEC	SDT-1	GB-1, P-2	RB-1	GB-1, P-2	
204	OFFICE 1	CP-1	GB-1, P-1, TS-1	RB-1	GB-1, P-1	
205	CAPTAIN'S OFFICE	CP-1	GB-1, P-1, TS-1	RB-1	GB-1, P-1	
206	KITCHEN/DINING	RF-1	GB-2, P-2	RB-1	GB-2, P-2	
207	DAYROOM	CP-1	GB-1, P-1	RB-1	GB-1, P-1	
208	HALL 2	RF-1	GB-1, P-2, FRL-1	RB-1	ACT-1, GB-1, P-2	FRL-1: 3'-0"H WAINSCOAT
209	EXERCISE	RR-1	GB-2, P-2, M-1	RB-1	ACT-1, GB-1, P-2	
210	ELEVATOR		GB-1		GB-1	
211	HALL 3	CP-1	GB-1, P-2, FRL-1	RB-1	GB-1, P-2	FRL-1: 3'-0"H WAINSCOAT
212	DORM 1	CP-1	GB-1, P-1	RB-1	GB-1, P-1	
213	DORM 2	CP-1	GB-1, P-1	RB-1	GB-1, P-1	
214	DORM 3	CP-1	GB-1, P-1	RB-1	GB-1, P-1	
215	LAUNDRY	TL-3	GB-2, P-2	RB-1	GB-2, P-2	
216	ADA BATH 2	TL-3	TL-1, TL-2	TL-1 COVED	GB-2, P-2	
217	BATH 1	RF-1	TL-1, TL-2	TL-1 COVED	GB-2, P-2	
218	STORAGE 3	RF-1	GB-1, P-2	RB-1	GB-1, P-2	

INTERIOR FINISH MATERIALS:

FLOOF	र	WALL
PC-1	DENSIFIED POLISHED SEALED CONCRETE SPECIFICATION: 03 35 11 MFR: ADVANCED FLOOR PRODUCTS SYSTEM: THE RETROPLATE SYSTEM SEE SPECIFICATIONS	GB-1 GB-2
SC-1	SEALED CONCRETE SPECIFICATION: 03 35 11 MFR: ADVANCED FLOOR PRODUCTS SYSTEM: RETROPEL SEE SPECIFICATION	P-1
SDT-1	STATIC DISSIPATIVE TILE - 1/8" SPECIFICATION: 09 65 00 MFR: ROPPE TYPE: ESD CONTROL SIZE: 24" X 24" COLOR: TBD	P-2
RR-1	RESILIENT ATHLETIC FLOORING SPECIFICATION: 09 65 00 MFR: ROPPE TYPE: RECOIL FITNESS FLOORING SIZE: 36" X 36" X 1/2" COLOR: TBD	P-3
RF-1	RESILIENT FLOORING SPECIFICATION: 09 65 00 MFR: PARTERRE TYPE: INGRAINED LUXURY VINYL PLANK SIZE: 6" X 36" X 3MM COLOR: EXOTIC WALNUT	P-4
RF-2	RESILIENT FLOORING STAIR TREAD & RISER SPECIFICATION: 09 65 00 MFR: ROPPE TYPE: RUBBER RAISED TREAD, HEAVY DUTY, ABBRASIVE CONTRASTING STRIP, WITH RISER NOSE: SQUARE SIZE: VIF COLOR: TBD	TL-1
CP-1	CARPET TILE SPECIFICATION: 09 68 00 MFR: SHAW TYPE: PATCRAFT ARTEFACT SIZE: PLANK COLOR: TBD INSTALLATION: ASHLAR	TL-2
CP-2	CARPET TILE SPECIFICATION: 09 68 00 MFR: TBD SIZE: COLOR: INSTALLATION:	PH-1
TL-3	PORCELAIN TILE FLOORING SPECIFICATION: 09 30 00 MFR: TBD SIZE: COLOR: INSTALLATION:	FRL-1

WALL		BASE	
GB-1	GYPSUM BOARD SPECIFICATION: 09 29 00 FINISH: LEVEL 5	RB-1	SPECIFICATION: 09 65 00.C MFR: TARKETT STYLE: WALL BASE
GB-2	GYPSUM BOARD - MOISTURE RESISTANT SPECIFICATION: 09 29 00 FINISH: LEVEL 5	RB-2	COLOR: HEIGHT: RESILIENT BASE - COVED
P-1	INTERIOR PAINT - LOW VOC SPECIFICATION: 09 91 23 MFR: FINISH: EGG SHELL COLOR: TBD	ND-2	SPECIFICATION" 09 65 00.C MFR: TARKETT STYLE: COLOR: HEIGHT:
P-2	INTERIOR PAINT - LOW VOC SPECIFICATION: 09 91 23 MFR: FINISH: SEMI-GLOSS COLOR: TBD	CB-1	CONCRETE CURB SPECIFICATION: 03 00 00.B SEALED SEE SPECIFICATION
P-3	INTERIOR PAINT METAL COATING - LOW VOC STANDARD PERFORMANCE ON SHOP PRIMED METAL SPECIFICATION: 09 91 23 MFR: FINISH: SEMI-GLOSS (METAL COATING) COLOR: TBD		
P-4	INTERIOR PAINT METAL COATING - LOW VOC PREMIUM PERFORMANCE ON SHOP PRIMED EXPOSED STRUCTURAL STEEL SPECIFICATION: 09 91 23 MFR: FINISH: SEMI-GLOSS (METAL COATING) COLOR: TBD		
TL-1	PORCELAIN WALL TILE: SPECIFICATION: 09 30 00.A MFR: TBD SERIES: SIZE: TRIM: BULLNOSE & OTHER WHERE REQUIRED COLOR: TBD		
TL-2	PORCELAIN WALL TILE: SPECIFICATION: 09 30 00.A MFR: SERIES: SIZE: TRIM: BULLNOSE & OTHERS WHERE REQUIRED COLOR: TBD		
PH-1	THICK PHENOLIC CORE LAMINATE PANELS SPECIFICATION: 09 77 10.A MFR: NEVAMAR THICKLAM TYPE: CLASS A FINISH: HPL SILVERLINE HAUTE PANEL SIZE: 4'-0" X 8'-0" X .18"		
FRL-1	FIBER REINFORCED LAMINATE PANELS SPECIFICATION: 09 77 10.B MFR: NEVAMAR FRL TYPE: CLASS A		

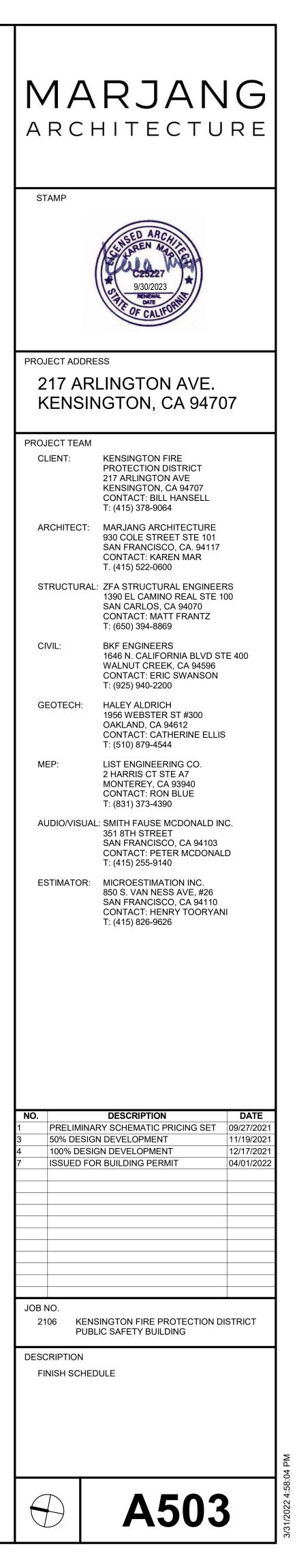
FINISH: TBD

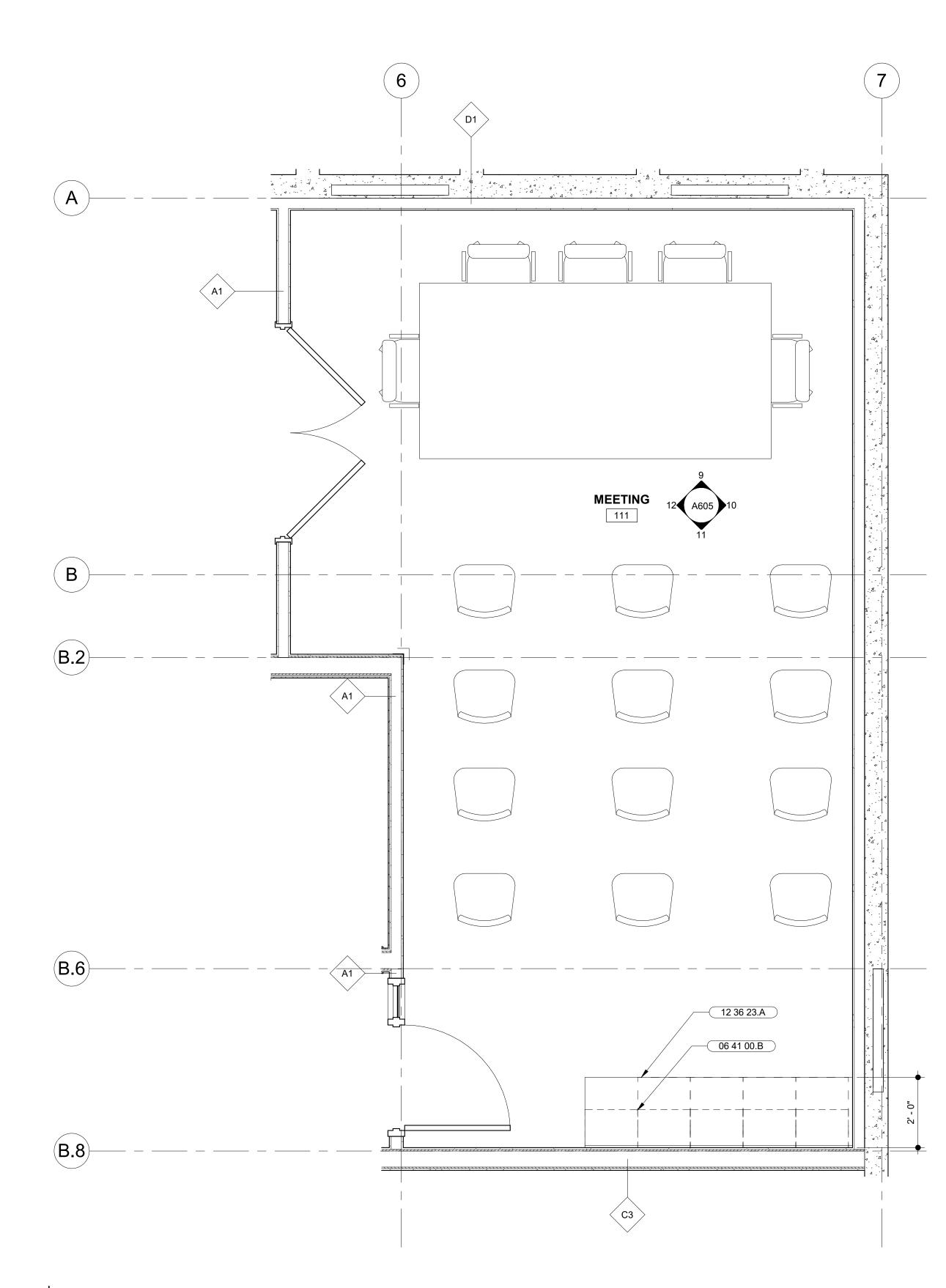
PANEL SIZE: 3'-0" X 8'-0" X.125" THK

Ξ		CEILIN	IG
	RESILIENT BASE SPECIFICATION: 09 65 00.C MFR: TARKETT STYLE: WALL BASE	GB-1	GY SP FIN
	COLOR: HEIGHT:	GB-2	GY RE

SPECIFICATION" 09 65 00.C MFR: TARKETT STYLE: COLOR: HEIGHT: CONCRETE CURB SPECIFICATION: 03 00 00.B

CEILING	CASE	WORK
GB-1 GYPSUM BOARD CEILING SPECIFICATION: 09 29 00.A FINISH: LEVEL 5	CT-1	STAINLESS STEEL COUNTERTOP AND BACKSPLASH SPECIFICATION: 05 59 00 SEE SPECIFICATION
GB-2 GYPSUM BOARD - MOISTURE RESISTANT SPECIFICATION: 09 29 00 FINISH: LEVEL 5	CT-2	HIGH PRESSURE PLASTIC LAMINATE CLAD COUNTERTOP SPECIFICATION: 12 36 23 MFR: WILSONART TYPE: TRACELESS COLOR: TBD
ACT-1 ACOUSTIC CEILING TILE SPECIFICATION: 09 51 23 MFR: ROCKFON SIZE: 2'-0" X 4'-0" EDGE: SQUARE TEGULAR COLOR: WHITE	CT-3	BUTCHER BLOCK COUNTERTOPS SPECIFICATION: 12 36 19 MFR: JOHN BOOS @ CO. OR EQUAL TYPE: HARD ROCK MAPLE W/ CLEAR SEALER SIZE: 3" THK
	HPL-1	CABINET FACE HIGH PRESSURE LAMINATE SPECIFICATION: 12 36 61
MISC.		MFR: WILSONART TYPE: TRACELESS
BL-1 ROLL DOWN BLINDS SPECIFICATION: 12 21 23 PRODUCT NAME:		COLOR: TBD EDGE BANDING: MATCH
COLOR:	HPL-2	CABINET FACE HIGH PRESSURE LAMINATE SPECIFICATION: 12 36 61
TS-1 TACKABLE SURFACE SPECIFICATION: 10 11 00.B MFR: TYPE: SEE SPECIFICATION		MFR: WILSONART TYPE: TRACELESS COLOR: TBD EDGE BANDING: MATCH
	HPL-3	CABINET FACE HIGH PRESSURE LAMINATE
M-1 MIRROR SPECIFICATION: 08 83 00.A		SPECIFICATION: 12 36 61 MFR: WILSONART TYPE: TRACELESS
		COLOR: TBD EDGE BANDING: MATCH
	HPL-4	CABINET FACE HIGH PRESSURE LAMINATE SPECIFICATION: 12 36 61 MFR: WILSONART TYPE: TRACELESS COLOR: TBD EDGE BANDING: MATCH
	ML-1	MELAMINE INTERIOR CABINET FACE MFR: TBD FINISH: COMMERCIAL GRADE MELAMINE (NON VOC) COLOR: TBD





MEETING 111 - ENLARGED PLAN SCALE: 1/2" = 1'-0"

SHEET NOTES

1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N.

2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.

3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A012.

4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.

5. REFER TO APPLIANCE SCHEDULE FOR APPLIANCES, SEE A7XX

6. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.

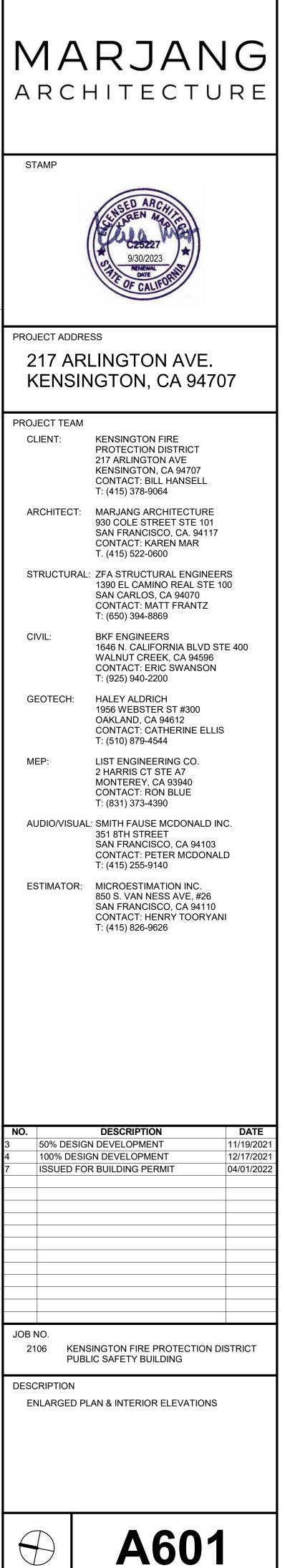
7. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503

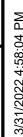
8. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.

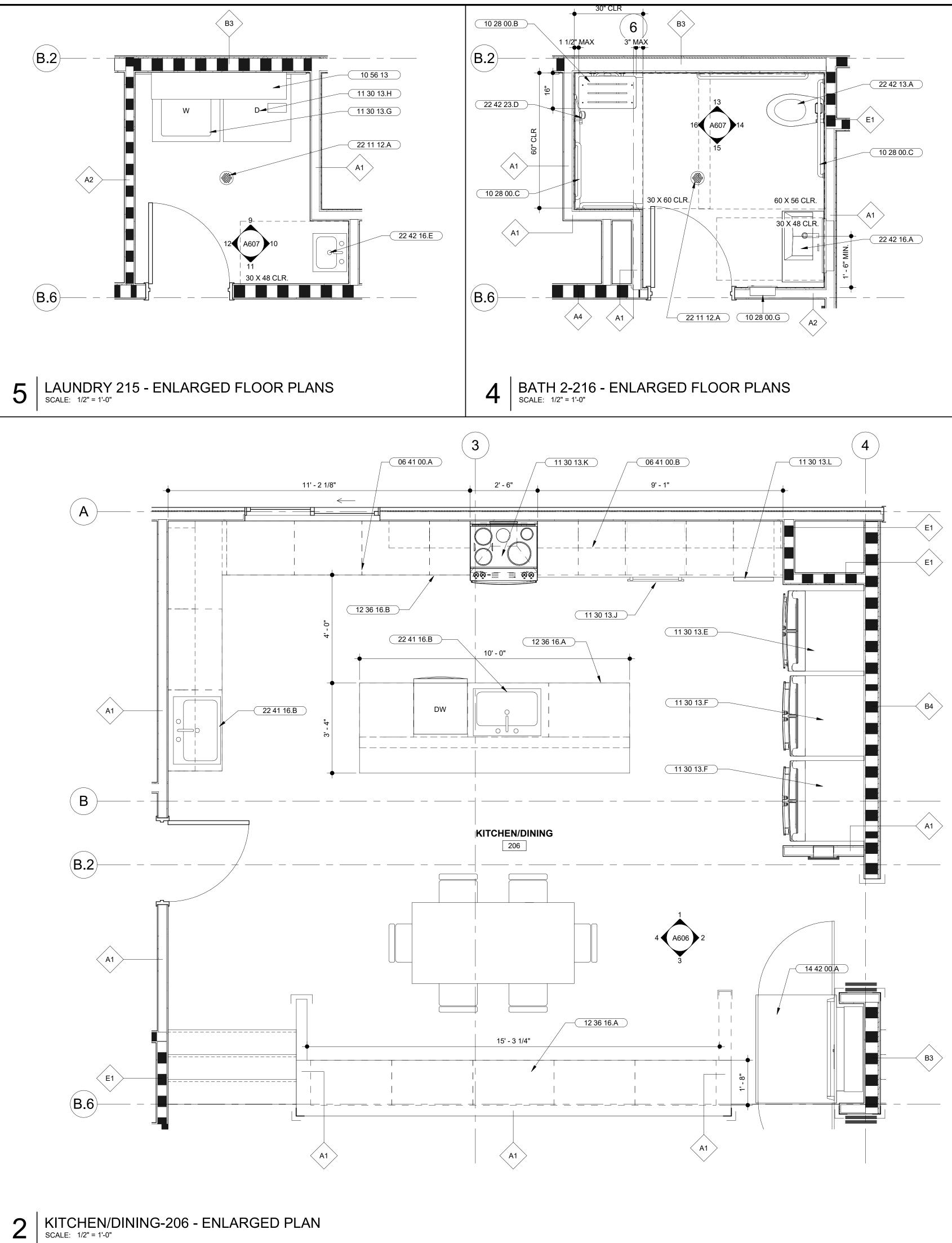
9. FFE SHOWN FOR REFERENCE, OFCI

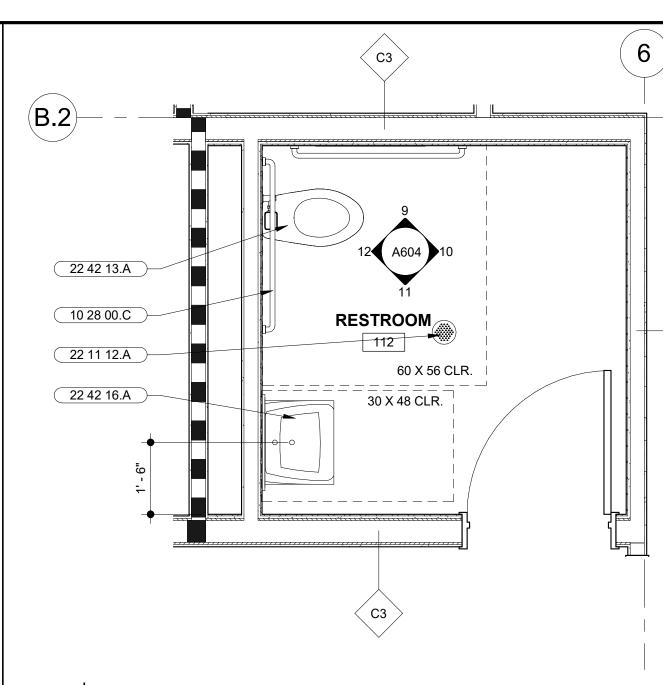
<u>KEYNOTES</u>

06 41 00.B UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES 12 36 23.A PLASTIC LAMINATE COUNTERTOPS



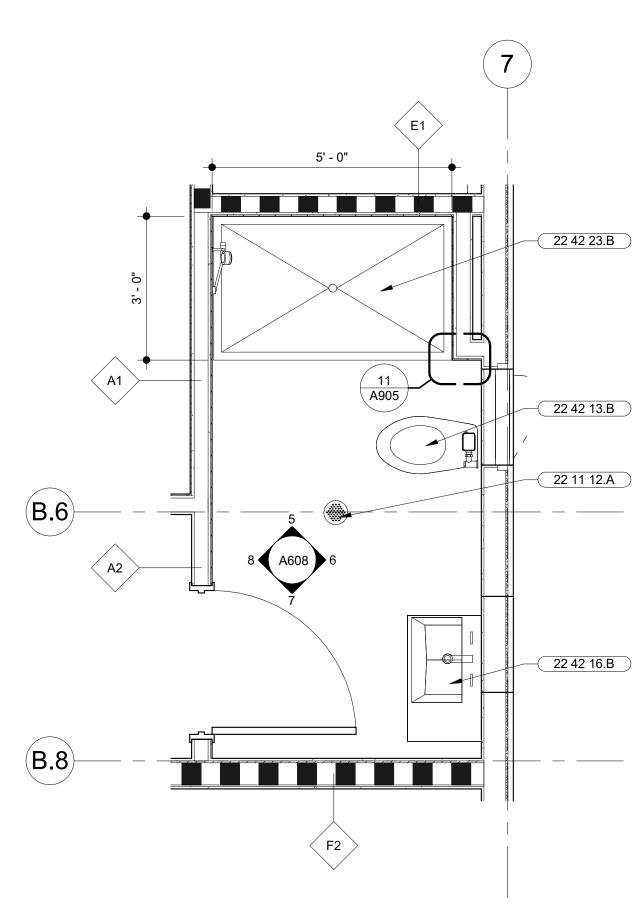






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RESTROOM-112 - ENLARGED PLAN SCALE: 1/2" = 1'-0"



BATH 217 - ENLARGED PLAN SCALE: 1/2" = 1'-0"

SHEET NOTES

1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N.

2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.

3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A012.

4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.

5. REFER TO APPLIANCE SCHEDULE FOR APPLIANCES, SEE A7XX

6. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.

7. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503 8. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.

9. FFE SHOWN FOR REFERENCE, OFCI

KEYNOTES

-< A1)

06 41 00.A	BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
06 41 00.B	UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
10 28 00.B	ADA SHOWER SEAT
10 28 00.C	ADA GRAB BARS
10 28 00.G	PAPER TOWEL DISPENSER AND WASTE BASKET COMBO
10 56 13	CANTILEVER METAL STORAGE SHELVES
11 30 13.E	REFRIGERATOR WITH WATER AND ICE DISPENSER
11 30 13.F	REFRIGERATOR
11 30 13.G	WASHER
11 30 13.H	DRYER
11 30 13.J	MICROWAVE
11 30 13.K	INDUCTION AND CONVECTION RANGE
11 30 13.L	ICE MAKER
12 36 16.A	METAL COUNTERTOPS
12 36 16.B	METAL COUNTERTOPS WITH INTEGRATED BACKSPLASH
14 42 00.A	ADA ACCESSIBLE WHEELCHAIR LIFT
22 11 12.A	FLOOR DRAIN, SEE PLUMBING DRAWINGS
22 41 16.B	ADA KITCHEN SINK, SEE PLUMBING DRAWINGS
22 42 13.A	ADA TOILET FLOOR MOUNT, SEE PLUMBING DRAWINGS
22 42 13.B	TOILET FLOOR MOUNT, SEE PLUMBING DRAWINGS
22 42 16.A	ADA LAVATORY WALL MOUNTED, SEE PLUMBING DRAWINGS
22 42 16.B	LAVATORY WALL MOUNTED, SEE PLUMBING DRAWINGS
22 42 16.E	UTILITY SINK, SEE PLUMBING DRAWINGS
22 42 23.B	SHOWER PAN WITH CURB, SEE PLUMBING DRAWINGS
22 42 23.D	ADA HANDHELD SHOWER, SEE PLUMBING DRAWINGS

- 22 42 23.B

– 22 42 13.B

-<u>22 11 12.A</u>



CONTACT: HENRY TOOR T: (415) 826-9626	YANI
1. (110) 020 0020	
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LIST ENGINEERING CO. 2 HARRIS CT STE A7

MONTEREY, CA 93940

CONTACT: RON BLUE T: (831) 373-4390

SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET

ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26

Ν	10.	
21	06 KENSINGTON FIRE PROTECTION DIS PUBLIC SAFETY BUILDING	STRICT

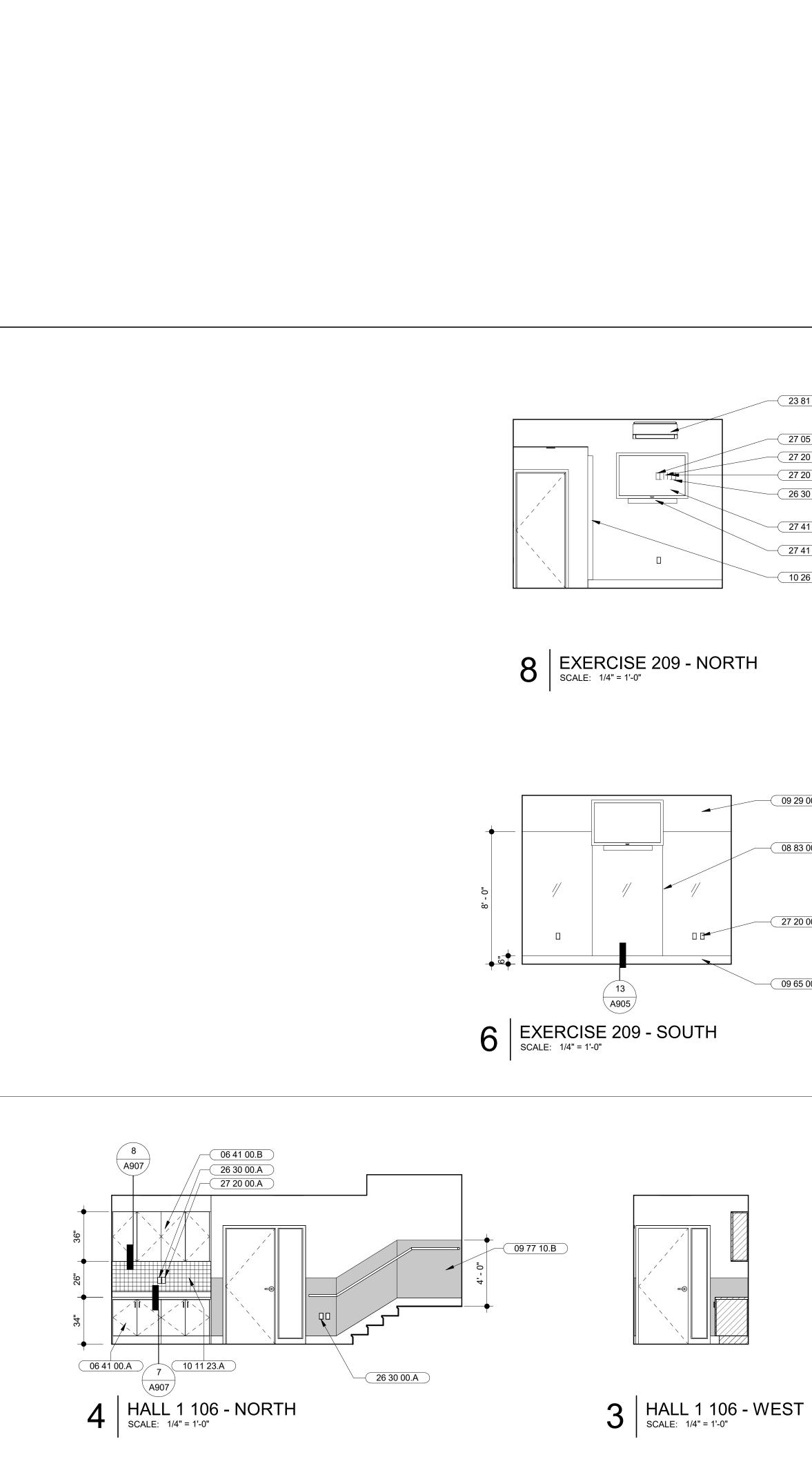
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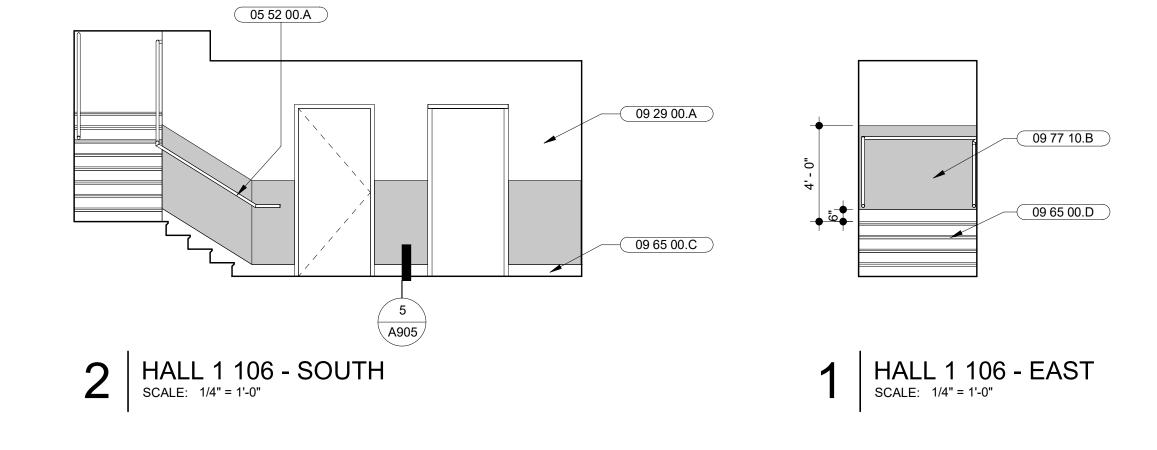
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MEP:

ENLARGED PLAN & INTERIOR ELEVATIONS





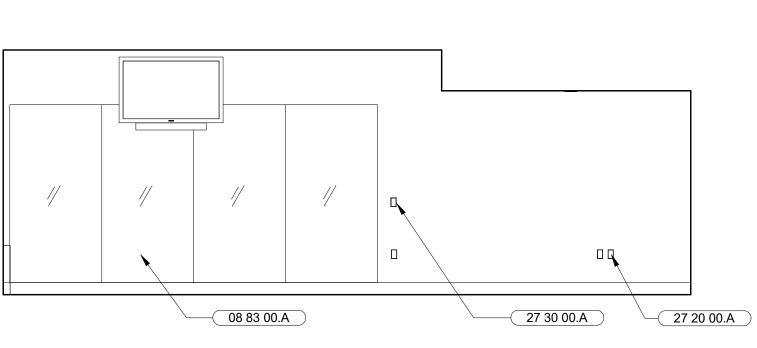


_____27 20 00.A

_____26 30 00.A

 EXERCISE 209 - WEST

 SCALE: 1/4" = 1'-0"
 7



- 23 81 29.A

- 27 05 33.A

- 27 20 00.B - 27 20 00.A

- 26 30 00.A

27 41 16.F

- 27 41 16.E

- 10 26 13.A

- 09 29 00.A

08 83 00.A

- 09 65 00.C

5 EXERCISE 209 - EAST

SHEET NOTES

1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N.

2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.

3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A012.

4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.

5. REFER TO APPLIANCE SCHEDULE FOR APPLIANCES, SEE A7XX

6. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.

- 7. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503
- 8. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.

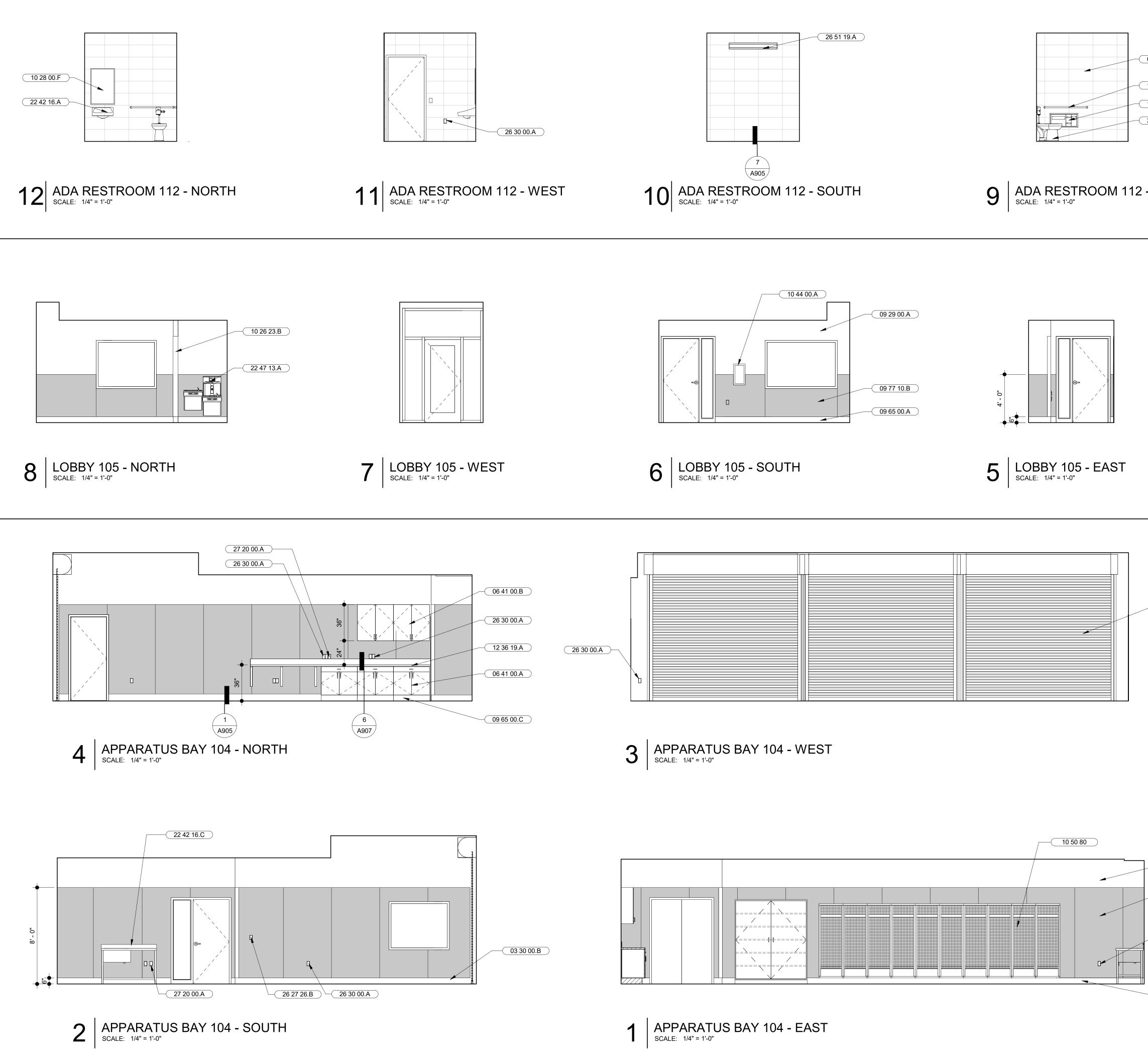
9. FFE SHOWN FOR REFERENCE, OFCI

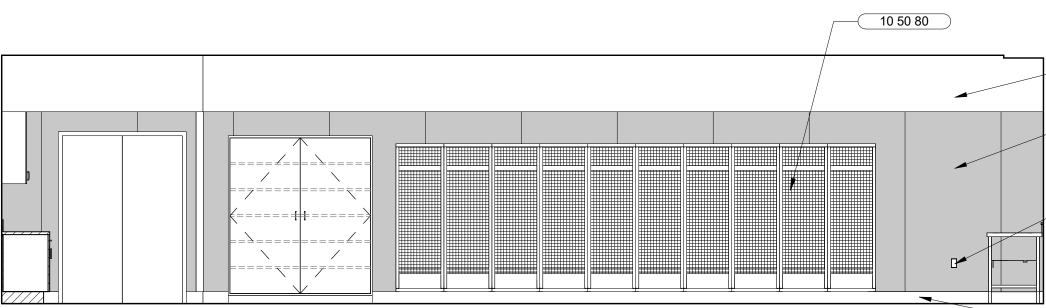
<u>KEYNOTES</u>

05 52 00.A	METAL HANDRAIL
06 41 00.A	BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
06 41 00.B	UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
08 83 00.A	WALL MIRROR
09 29 00.A	GYPSUM BOARD
09 65 00.C	RUBBER BASE, ACCESSORIES AND ATTACHMENTS
09 65 00.D	VINYL/RUBBER STAIR TREAD AND RISER WITH CONTRASTING ABRASIVE SAFETY STRIP
09 77 10.B	FIBER REINFORCED LAMINATE WALL PROTECTION PANEL
10 11 23.A	TACKBOARDS
10 26 13.A	STAINLESS STEEL CORNER GUARD
23 81 29.A	VRF INDOOR WALL MOUNTED UNIT
26 30 00.A	RECEPTACLE, SEE ELECTRICAL DRAWINGS
27 05 33.A	FLAT PANEL WALL BOX ROUGH-IN CONNECTION, SEE AUDIO/VISUAL DRAWINGS
27 20 00.A	NETWORK DATA/VOICE DEVICE PLATE, SEE COMMUNICATION DRAWINGS
27 20 00.B	BROADBAND VIDEO DEVICE PLATE, SEE COMMUNICATION DRAWINGS
27 30 00.A	TELEPHONE PORT, SEE COMMUNICATION DRAWINGS
27 41 16.E	LOUD SPEAKER SOUNDBAR, SEE AUDIO/VISUAL DRAWINGS
27 41 16.F	FLAT PANEL DISPLAY, SEE AUDIO/VISUAL DRAWINGS

	RJA	
STAMP	CZ5227 9/30/2023 MENERAL 9/30/2023 MENERAL DATE DATE	
	^{ISS} LINGTON AVE IGTON, CA 94	-
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL	_
ARCHITECT:	T: (415) 378-9064 MARJANG ARCHITECTUF 930 COLE STREET STE 10 SAN FRANCISCO, CA. 94 ² CONTACT: KAREN MAR T. (415) 522-0600	01
STRUCTURAL	: ZFA STRUCTURAL ENGIN 1390 EL CAMINO REAL S SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	ΓE 100
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVI WALNUT CREEK, CA 9459 CONTACT: ERIC SWANSO T: (925) 940-2200	96
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE E T: (510) 879-4544	LLIS
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
AUDIO/VISUAL	: SMITH FAUSE MCDONAL 351 8TH STREET SAN FRANCISCO, CA 941 CONTACT: PETER MCDO T: (415) 255-9140	03
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #2 SAN FRANCISCO, CA 941 CONTACT: HENRY TOOR T: (415) 826-9626	10
NO. 3 50% DESIGI	DESCRIPTION N DEVELOPMENT	DATE 11/19/2021
	GN DEVELOPMENT R BUILDING PERMIT	12/17/2021 04/01/2022
JOB NO.		
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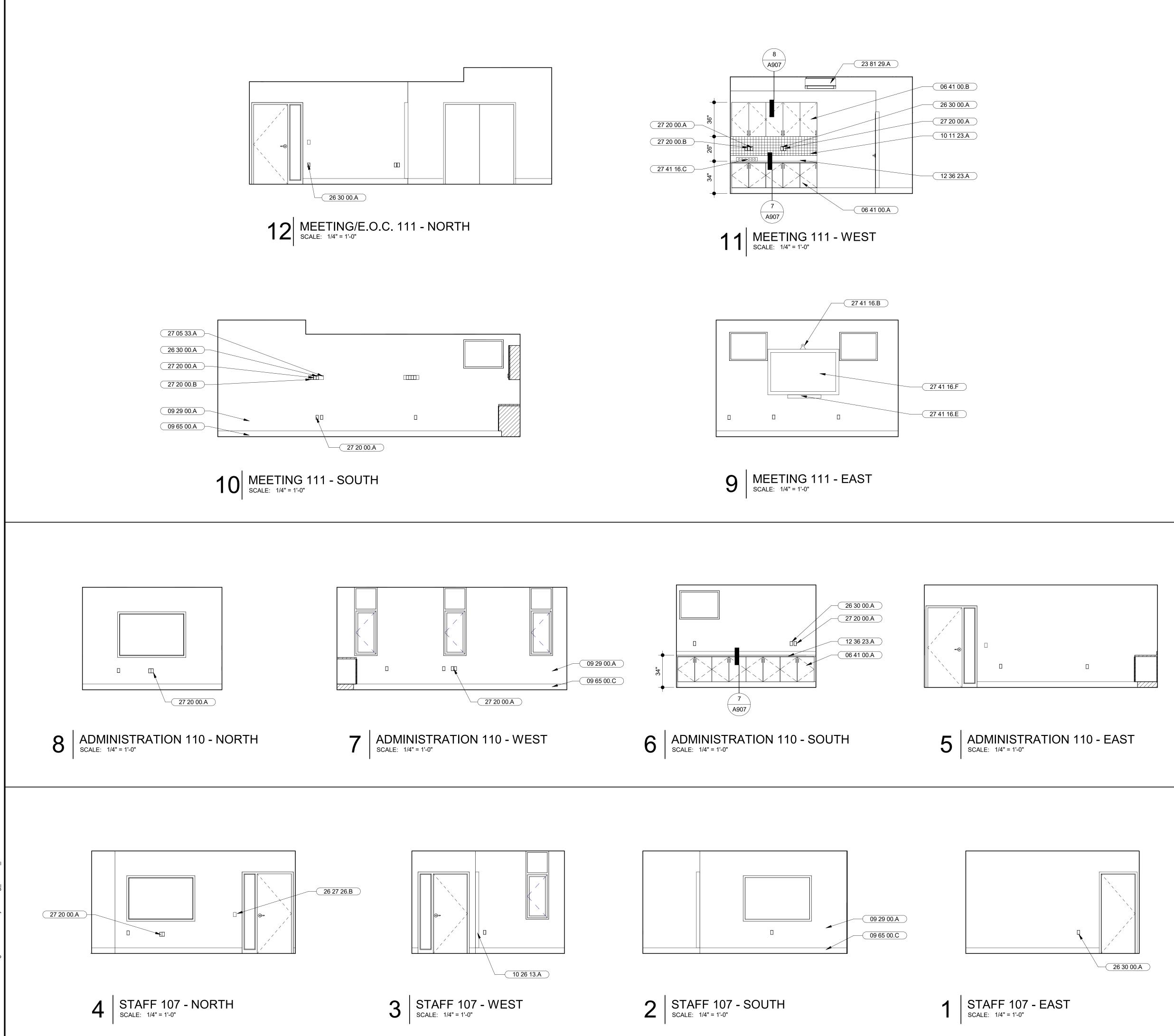








 7. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503 8. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION. 9. FFE SHOWN FOR REFERENCE, OFCI 	09 30 00.A 10 28 00.C	CLEARANCE 2. ALL SINKS REQUIREME THE AUTHOF 3. FOR ACCE WATER CLO A012. 4. PROVIDE I EQUIPMENT 3/A902.	NSIONS ARE TO FACE OF FINISH FOR REQUIRED	G, SEE D ETAIL STAMP	ARJAN Chitect	
- (19300A) PROMIT DURY TO UN 99 (194) PROMIT DURY TO UN 199 (194) PROMIT DURY TO UN <t< td=""><td><u>22 42 13.A</u></td><td>AND EQUIPM 7. REFER TO 8. VERIFY TII INSTALLATIO</td><td>IENT PRIOR TO CASEWORK FABRICATION. TYPIC FINISH SCHEDULE FOR FINISH MATERIALS, SEE LE LAYOUT AND JOINTS WITH ARCHITECT PRIOR DN.</td><td>AL. A503</td><td>SUNSED ARCH AREN MAR CZ5227 9/30/2023 RENEWAL DATE OF CALIFORNIT</td><td></td></t<>	<u>22 42 13.A</u>	AND EQUIPM 7. REFER TO 8. VERIFY TII INSTALLATIO	IENT PRIOR TO CASEWORK FABRICATION. TYPIC FINISH SCHEDULE FOR FINISH MATERIALS, SEE LE LAYOUT AND JOINTS WITH ARCHITECT PRIOR DN.	AL. A503	SUNSED ARCH AREN MAR CZ5227 9/30/2023 RENEWAL DATE OF CALIFORNIT	
001900 00210000000000000000000000000000000000	- EAST	<u>KEYNOTES</u>		217	ARLINGTON AVE	
• (0.800.0) • (VML COMPORTION THE (AVTESTING) • (VML COMPORTION THE (AVTESTING) • (VML CO		06 41 00.A 06 41 00.B 08 33 00.A 09 29 00.A	BASE CABINETS, DOORS, DRAWERS, AND ADJU SHELVES UPPER CABINETS, DOORS, AND ADJUSTABLE S (N) OVERHEAD COILING DOOR WITH MOTOR AN CONTROLLER GYPSUM BOARD	STABLE CLIENT HELVES D	T: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
10 2010 M. LIMINOS T. (2003) 34899 12 30 10 A. LIMINOS FRE STINUISURE COMPETT 12 30 10 A. LIMINOS BUTCHER SLOCK COMPETT 12 30 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 42 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 42 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 42 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 42 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 42 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 42 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 42 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 42 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 0 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 0 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 0 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 0 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 0 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 0 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 22 0 10 A. ADA TOULTUROR COMPETT GENERAL AND COMPETT 20 10 A ADA TOULTUROR COMPETT		09 65 00.A 09 65 00.C 09 77 10.A 09 77 10.B 10 26 23.B 10 28 00.C	VINYL COMPOSITION TILE (ANTI-STATIC) RUBBER BASE, ACCESSORIES AND ATTACHMEN PHENOLIC CORE WALL PROTECTION PANEL FIBER REINFORCED LAMINATE WALL PROTECTI PANEL STAINLESS STEEL U-GUARD ADA GRAB BARS	ITS ON STRUC	930 COLE STREET STE 10 SAN FRANCISCO, CA. 941 CONTACT: KAREN MAR T. (415) 522-0600 CTURAL: ZFA STRUCTURAL ENGIN 1390 EL CAMINO REAL ST SAN CARLOS, CA 94070	1 17 EERS E 100
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0020000000000000000000000000000000000		22 42 16.C 22 47 13.A 26 27 26.B 26 30 00.A	DRAWINGS DECON SERVICE SINK WITH INTERGRAL WORKT SEE PLUMBING DRAWINGS HI-LO DRINKING FOUNTAIN, SEE PLUMBING DRA SWITCH, SEE ELECTRICAL DRAWINGS RECEPTACLE, SEE ELECTRICAL DRAWINGS	GEOTE ABLE, WINGS	1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE EI T: (510) 879-4544 LIST ENGINEERING CO. 2 HARRIS CT STE A7	LLIS
BS0 S. VAN NESS AVE, #26 SAN FRANCISCO, GA NUTO CONTACT HENRY TOORTANI T, (H1) 929/929 Date Date TOOR DESCRIPTION Date TOTACT TOTACT TOTACT TOTACT 09 20 00.A 00 77 10.A 0.407/2022 0.407/2022 09 20 00.A 0.60 55 00.C 0.60 55 00.C		27 20 00.A		AUDIO	CONTACT: RON BLUE T: (831) 373-4390 /VISUAL: SMITH FAUSE MCDONALE 351 8TH STREET SAN FRANCISCO, CA 9410 CONTACT: PETER MCDOM	03
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09 65 00.C	09 77 10.A					
	26 30 00.A				τιον	IS
	09 65 00.C					
					A60	4



SHEET NOTES

1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N.

2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.

3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A012.

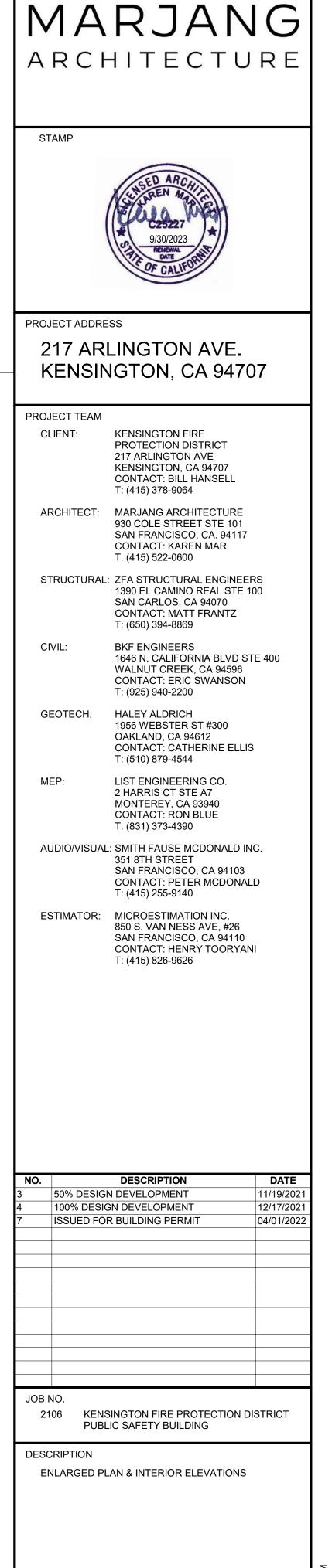
4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.

5. REFER TO APPLIANCE SCHEDULE FOR APPLIANCES, SEE A7XX

6. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL. 7. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503

8. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO

9. FFE SHOWN FOR REFERENCE, OFCI



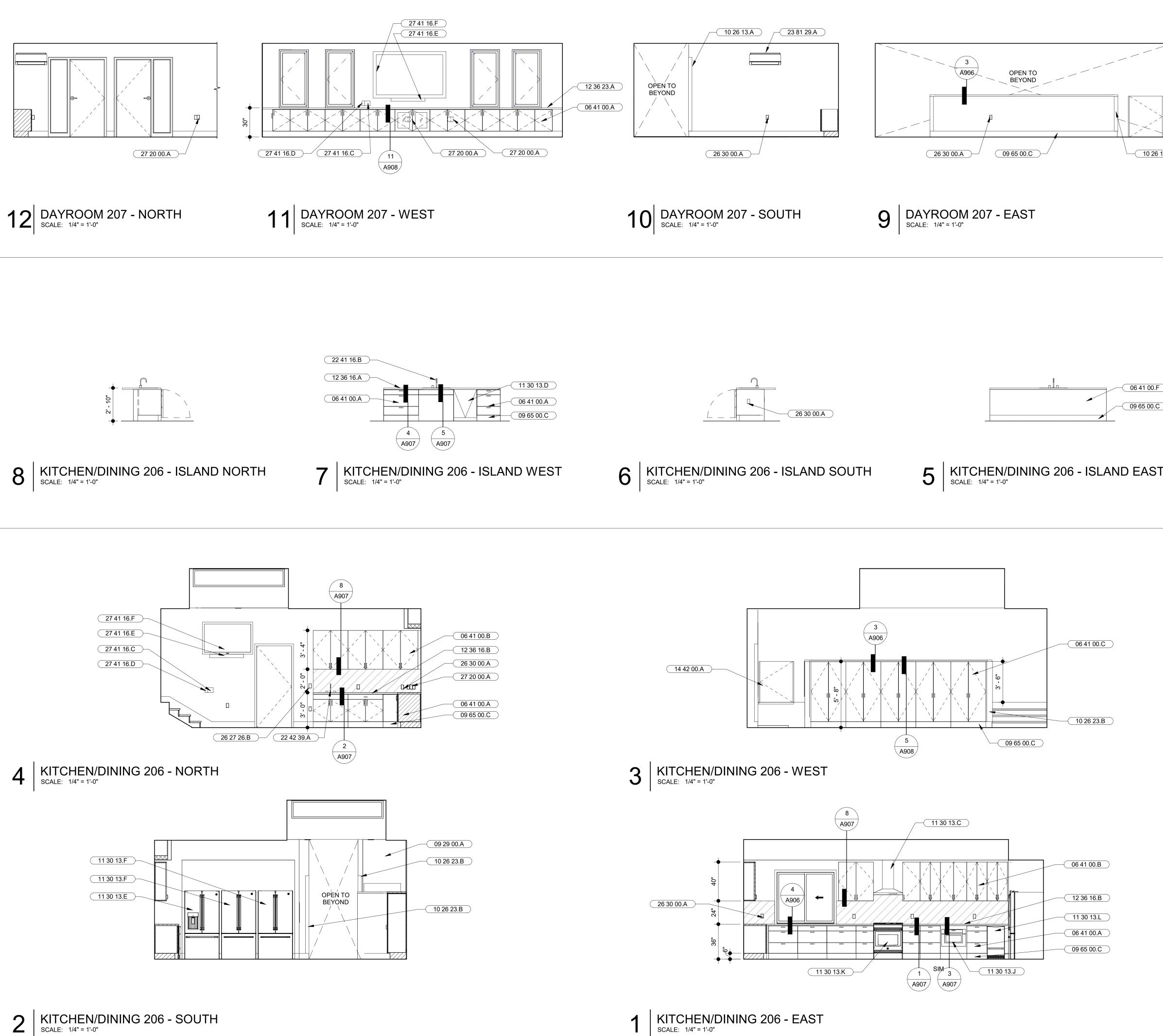
KEYNOTES

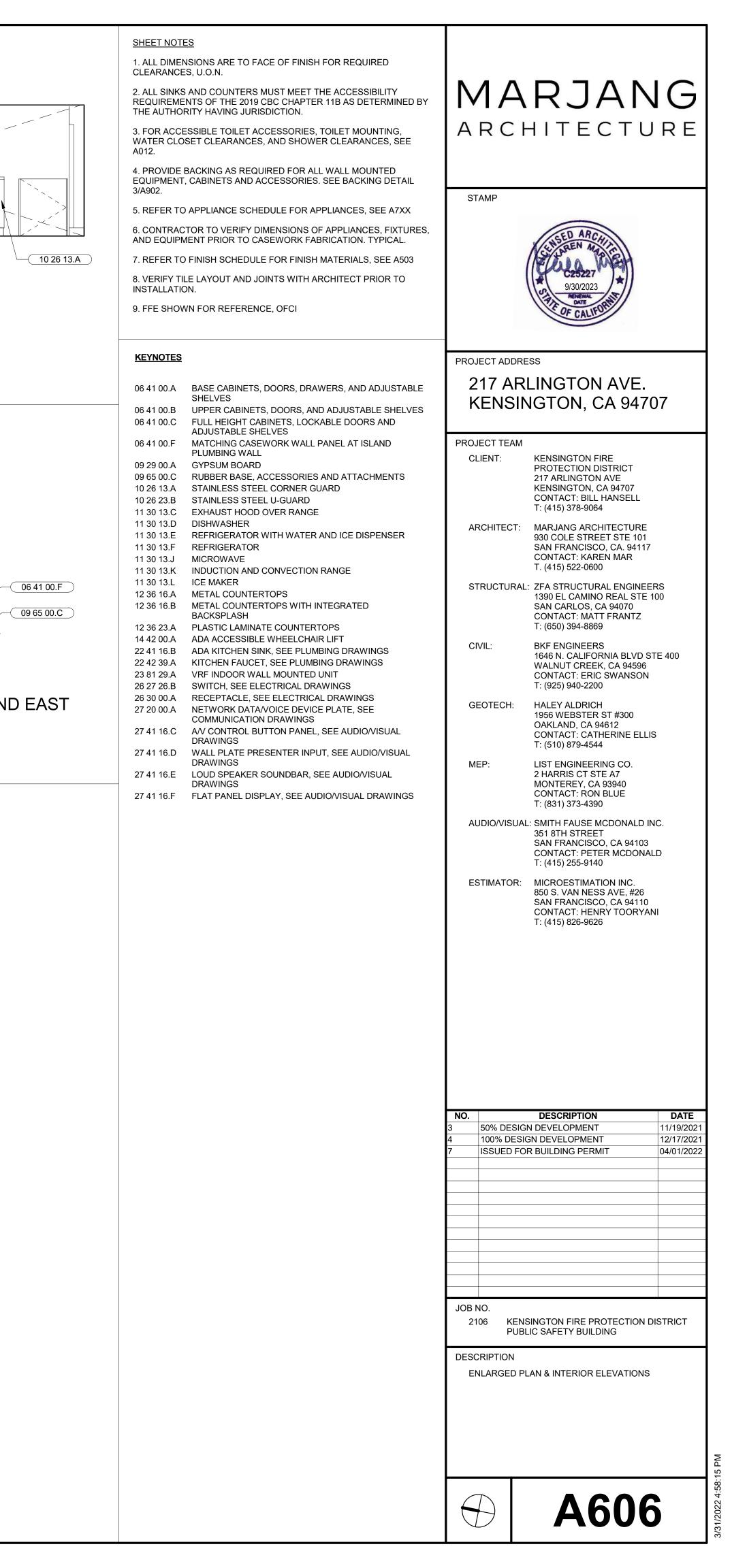
INSTALLATION.

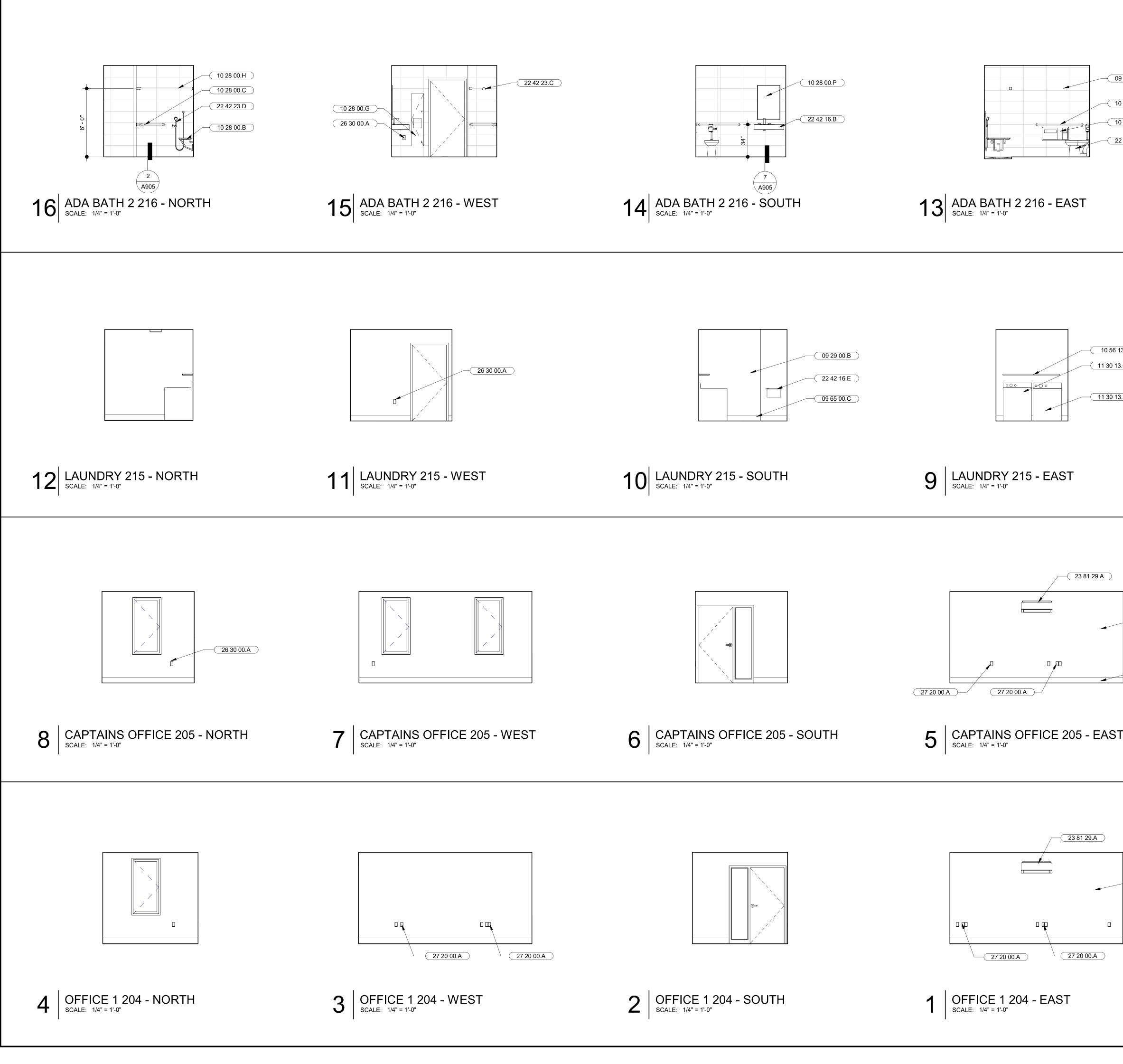
06 41 00.A	BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
06 41 00.B	UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
09 29 00.A	GYPSUM BOARD
09 65 00.A	VINYL COMPOSITION TILE (ANTI-STATIC)
09 65 00.C	RUBBER BASE, ACCESSORIES AND ATTACHMENTS
10 11 23.A	TACKBOARDS
10 26 13.A	STAINLESS STEEL CORNER GUARD
12 36 23.A	PLASTIC LAMINATE COUNTERTOPS
23 81 29.A	VRF INDOOR WALL MOUNTED UNIT
26 27 26.B	SWITCH, SEE ELECTRICAL DRAWINGS
26 30 00.A	RECEPTACLE, SEE ELECTRICAL DRAWINGS
27 05 33.A	FLAT PANEL WALL BOX ROUGH-IN CONNECTION, SEE AUDIO/VISUAL DRAWINGS
27 20 00.A	NETWORK DATA/VOICE DEVICE PLATE, SEE COMMUNICATION DRAWINGS
27 20 00.B	BROADBAND VIDEO DEVICE PLATE, SEE COMMUNICATION DRAWINGS
27 41 16.B	CONFERENCING CAMERA, SEE AUDIO/VISUAL DRAWINGS
27 41 16.C	A/V CONTROL BUTTON PANEL, SEE AUDIO/VISUAL DRAWINGS
27 41 16.E	LOUD SPEAKER SOUNDBAR, SEE AUDIO/VISUAL DRAWINGS
27 41 16.F	FLAT PANEL DISPLAY, SEE AUDIO/VISUAL DRAWINGS



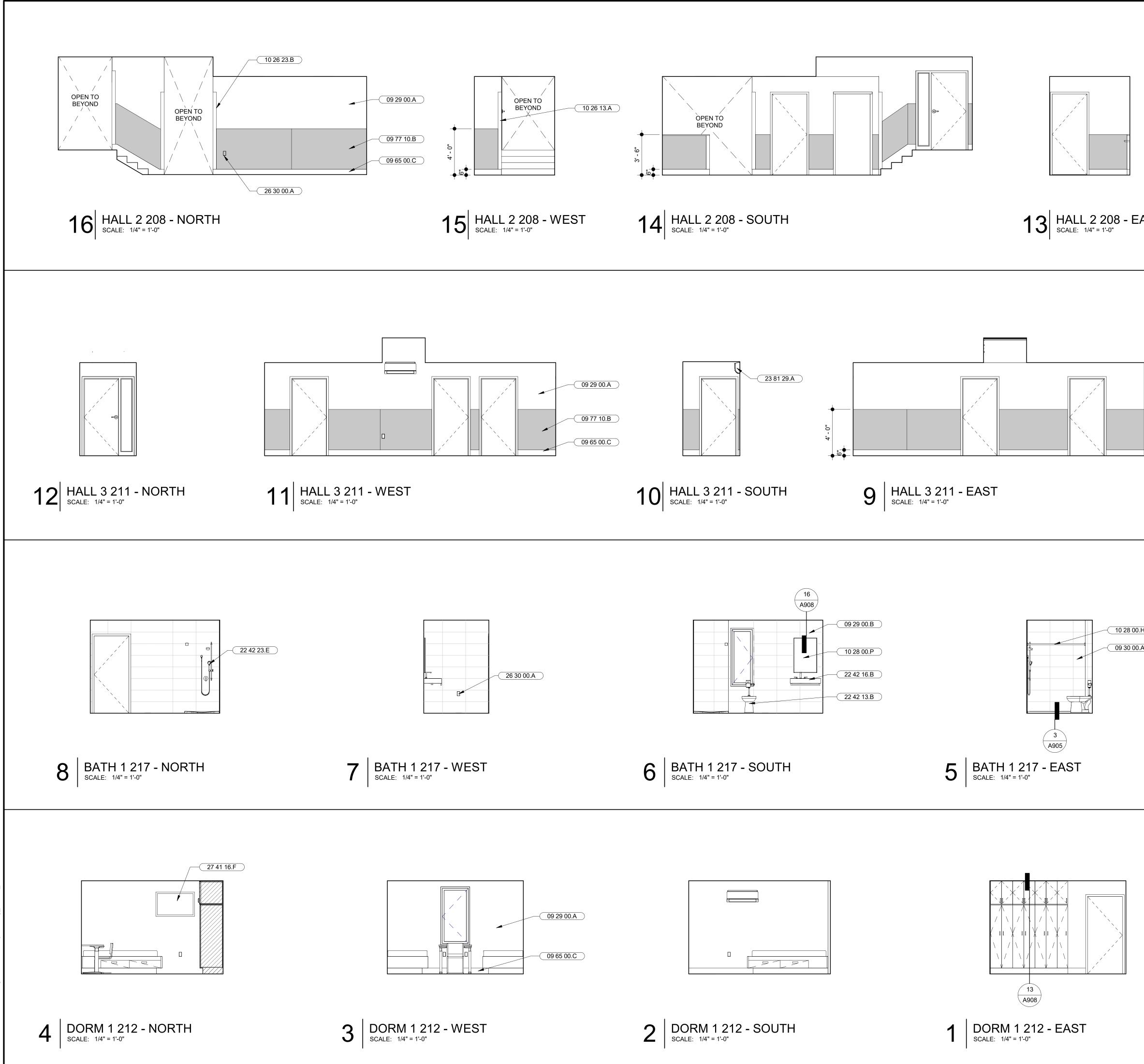






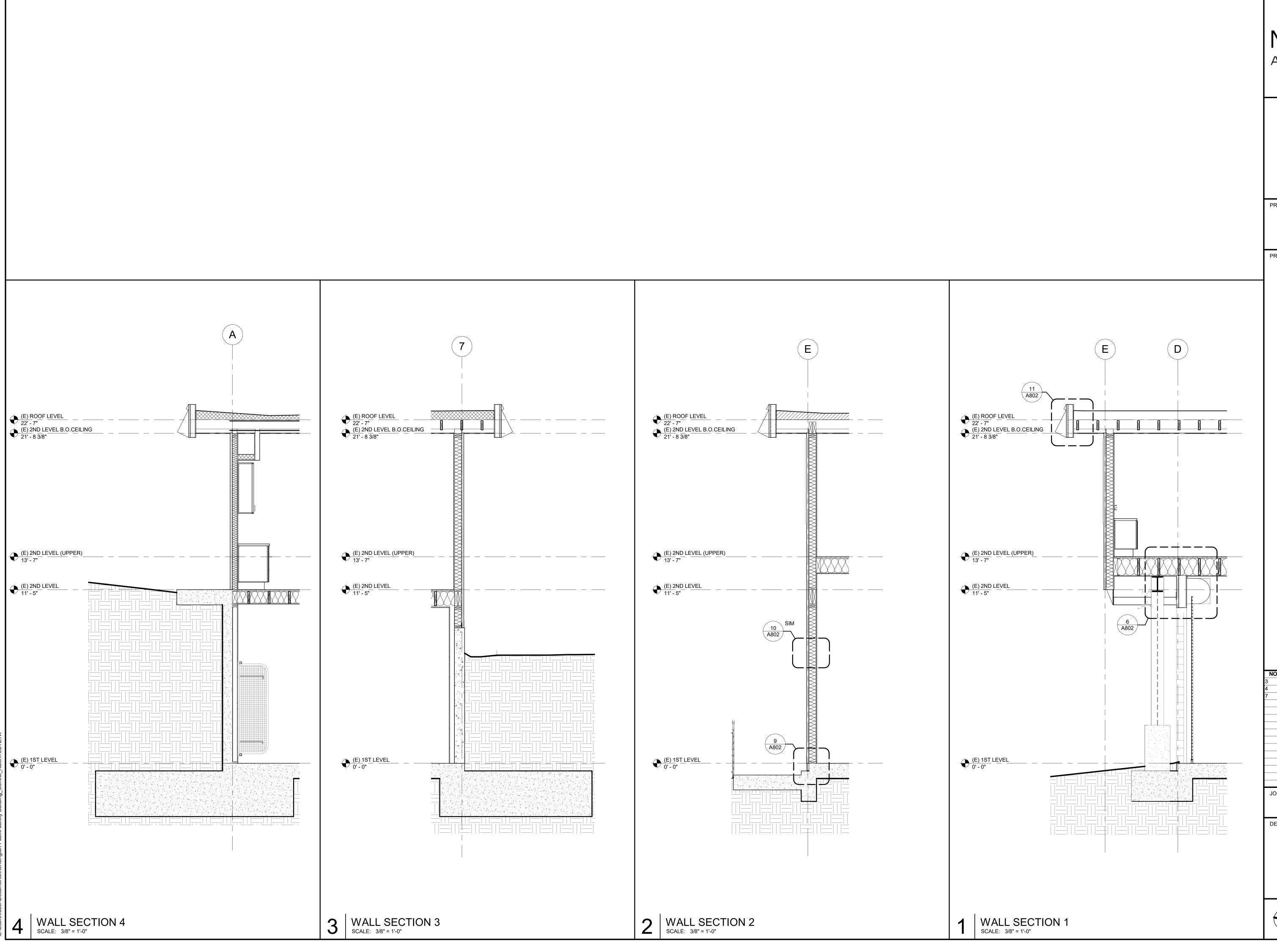


- 09 30 00.A - 10 28 00.C - 10 28 00.D - 22 42 13.A	 SHEET NOTES 1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N. 2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION. 3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A012. 4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902. 5. REFER TO APPLIANCE SCHEDULE FOR APPLIANCES, SEE A7XX 6. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL. 7. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503 8. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION. 9. FFE SHOWN FOR REFERENCE, OFCI 	MARJANG ARCHITECTURE STAMP WULLENDERSE
0 56 13 30 13.G 130 13.H 09 29 00.A	PSP200.A GYPSUM BOARD 092900.B MOSTURE RESISTANT GYPSUM BOARD 09300.A WALL TIE 09200.B ADASHOWER SEAT 102800.B ADA SHOWER SEAT 102800.B ADA GRAB BARS 102800.B ADA CATLEY CMEEL DISPENSER AND WASTE BASKET AND WASTE AND	<section-header> PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON, CA 94707 CONTACT: BILL HANSELL 217 ARLINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE B30 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-060 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN FRANCISCO, CA. 94070 CONTACT: MATT FRANT2 T. (650) 394-8869 CIVIL: BKF ENGINEERS IG46 N. CALIFORNIA BLVD STE 400 CALIFORNIA BLVD STE 400 MALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T. (925) 940-2200 GEOTECH: HALEY ALDRICH MGYBSER ST #300 COALAND, CA 94612 CONTACT: CATHERNE ELLIS T. (510) 879-4544 MEP: LIST ENGINEERING CO. 2. HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T. (331) 373-4390 AUDIOVISUAL: SMITH FAUSE MCDONALD INC. A51 BTH STREET MANTROSCO, CA 94103 CONTACT: PETER MCDONALD I. (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. B50 S. VAN NESS AVE; #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T. (415) 826-9626 </section-header>
09 65 00.C		No. DESCRIPTION DATE 3 50% DESIGN DEVELOPMENT 11/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021 7 ISSUED FOR BUILDING PERMIT 04/01/2022 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING 0 DESCRIPTION ENLARGED PLAN & INTERIOR ELEVATIONS Image: Comparison of the protect of

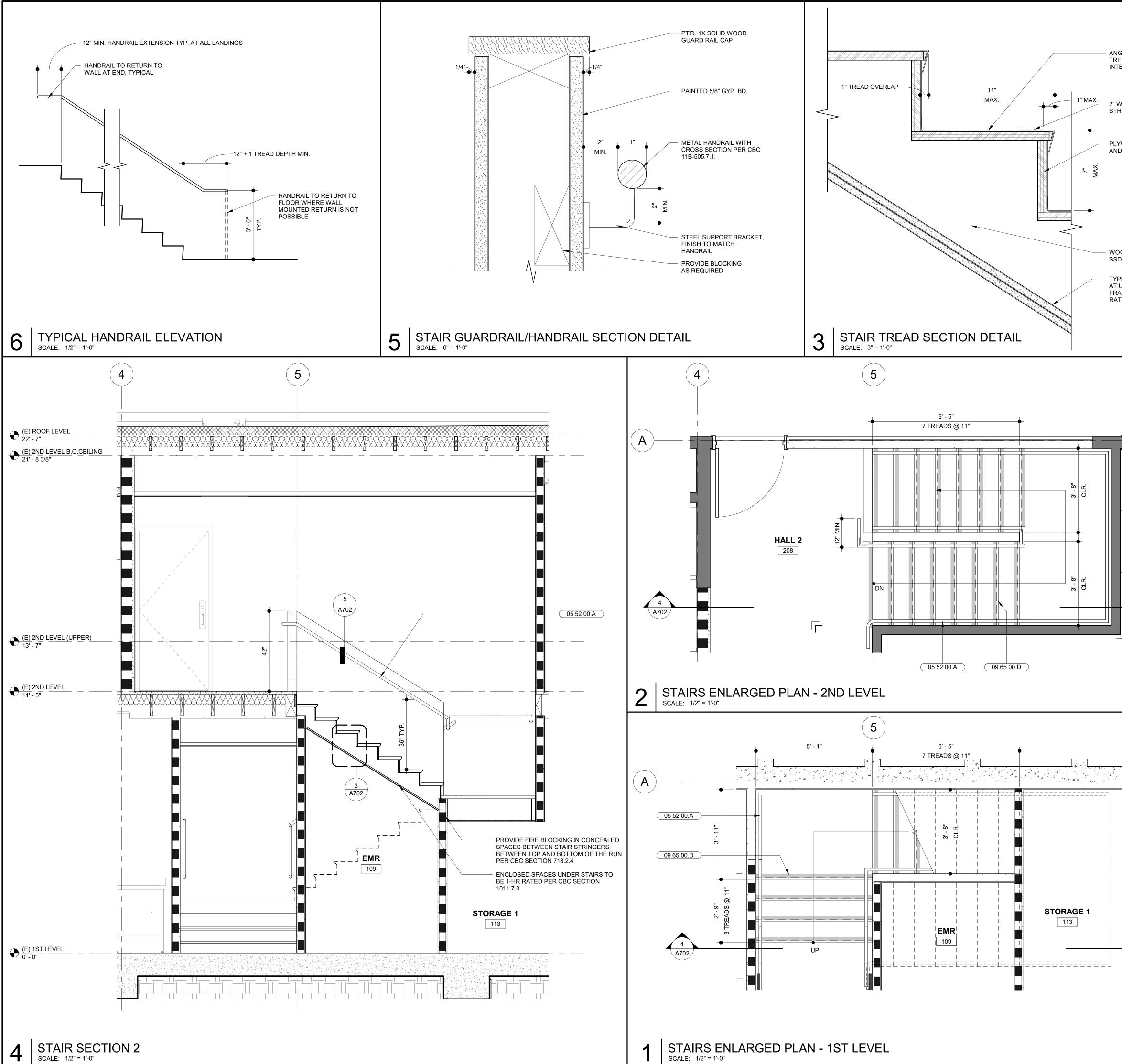


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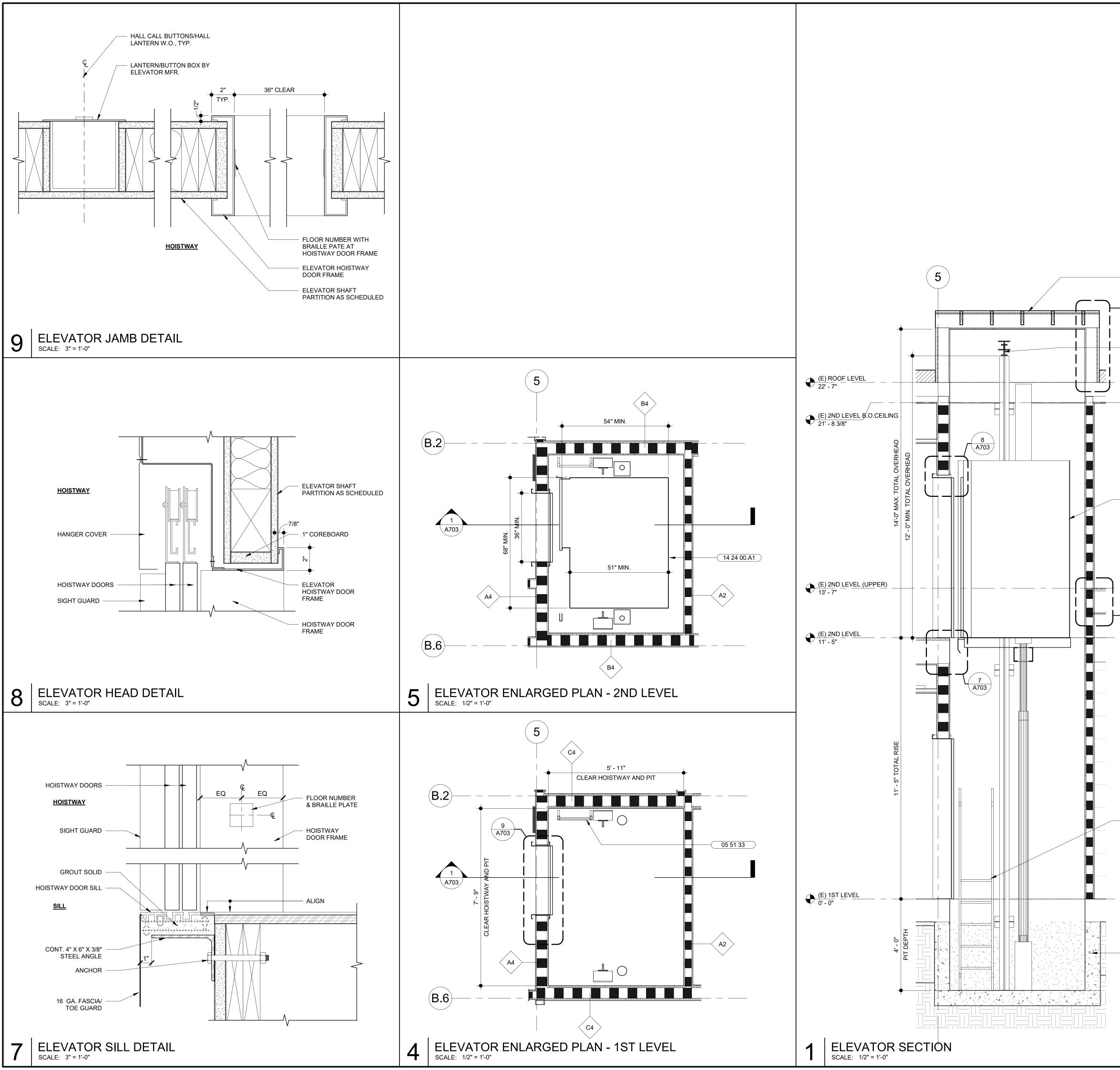
EAST	 SHEET NOTES 1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N. 2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION. 3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A012. 4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902. 5. REFER TO APPLIANCE SCHEDULE FOR APPLIANCES, SEE A7XX 6. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL. 7. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503 8. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION. 9. FFE SHOWN FOR REFERENCE, OFCI 	<section-header><text><text><image/><image/></text></text></section-header>
00.H	KEYNOTES 09 29 00.0 GYPSUM BOARD 09 20 00.0 WAL TLE 09 60 00.0 WAL TLE 09 67 00.0 WAL TLE 09 77 10.0 FIBER REINFORCED LAMINATE WALL PROTECTION PARIE. 10 26 13.0 STAINLESS STEEL CORNER GUARD 10 26 23.0 STAINLESS STEEL U-GUARD 10 28 00.0 RECESSED MEDICINE CABINET 22 42 13.0 STAINLESS STEEL LOOR EC ABINET 22 42 13.0 STAINLESS STEEL CONCE CABINET 22 42 13.0 LAVATORY WALL MOUNTED, SEE PLUMBING DRAWINGS 23 41 29.0 VF INDOOR WALL MOUNTED UNIT 24 20 30.0 RECEPTACLE, SEE ELECTRICAL DRAWINGS 23 41 29.4 VF INDOOR WALL MOUNTED UNIT 26 30 00.4 RECEPTACLE, SEE ELECTRICAL DRAWINGS 27 41 16.7 FLAT PANEL DISPLAY, SEE AUDIOVISUAL DRAWINGS 27 41 16.7 FLAT PANEL DISPLAY, SEE AUDIOVISUAL DRAWINGS	 217 ARLINGTON AVE. KENSINGTON, CA 94707 PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 300 COLE STREET STE 101 SAN FRANCISCO, CA 94117 CONTACT: KAREN MAR T. (415) 522-060 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T. (650) 394-8869 CIVIL: BKF ENGINEERS MacARLOS, CA 94070 CONTACT: MATT FRANTZ T. (650) 394-8869 CIVIL: BKF ENGINEERS MacARLOS, CA 94070 CONTACT: CHICEK, CA 94596 CONTACT: CHICEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH MED: LIST ENGINEERT ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET Mattherest SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD INC. 350 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 826-9626
		NO. DESCRIPTION DATE 3 50% DESIGN DEVELOPMENT 11/19/2021 4 100% DESIGN DEVELOPMENT 12/17/2021 7 ISSUED FOR BUILDING PERMIT 04/01/2022 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 0 0 100 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING DESCRIPTION ENLARGED PLAN & INTERIOR ELEVATIONS ENLARGED PLAN & INTERIOR ELEVATIONS



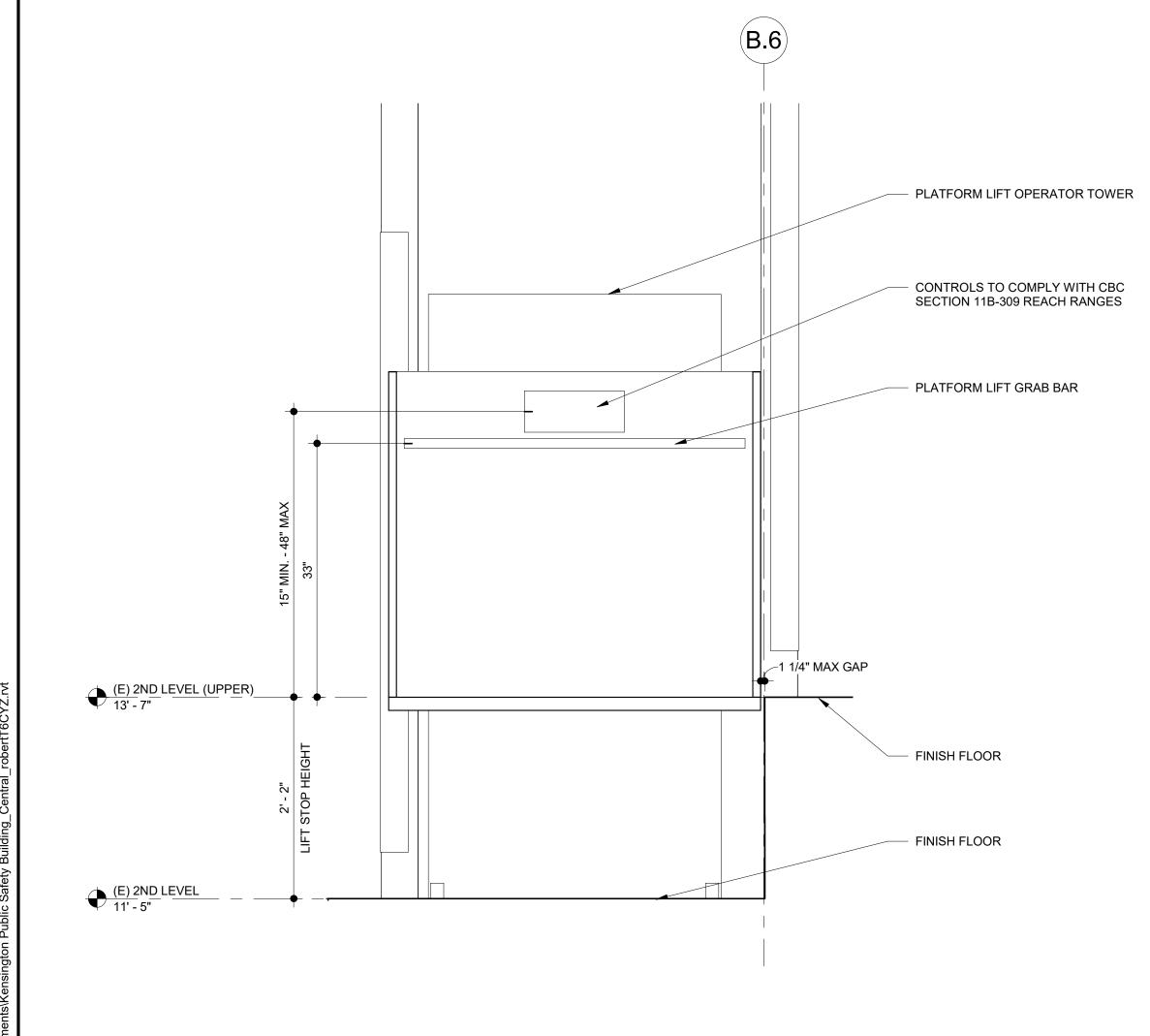
MARJANG architecture			
STAMP	SCHUREN MARTINE CZ5227 9/30/2023		
	^{ss} LINGTON AVE. IGTON, CA 947		
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064		
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 9411 CONTACT: KAREN MAR T. (415) 522-0600		
STRUCTURAL:	ZFA STRUCTURAL ENGINE 1390 EL CAMINO REAL STE SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869		
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200		
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELI T: (510) 879-4544	LIS	
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390		
AUDIO/VISUAL	: SMITH FAUSE MCDONALD 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDON T: (415) 255-9140	3	
ESTIMATOR:			
NO.	DESCRIPTION	DATE	
3 50% DESIGN 4 100% DESIG	N DEVELOPMENT SN DEVELOPMENT R BUILDING PERMIT	11/19/2021 12/17/2021 04/01/2022	
	INGTON FIRE PROTECTION IC SAFETY BUILDING	DISTRICT	
WALL SECTION	NS		
	A70 ⁻	1	

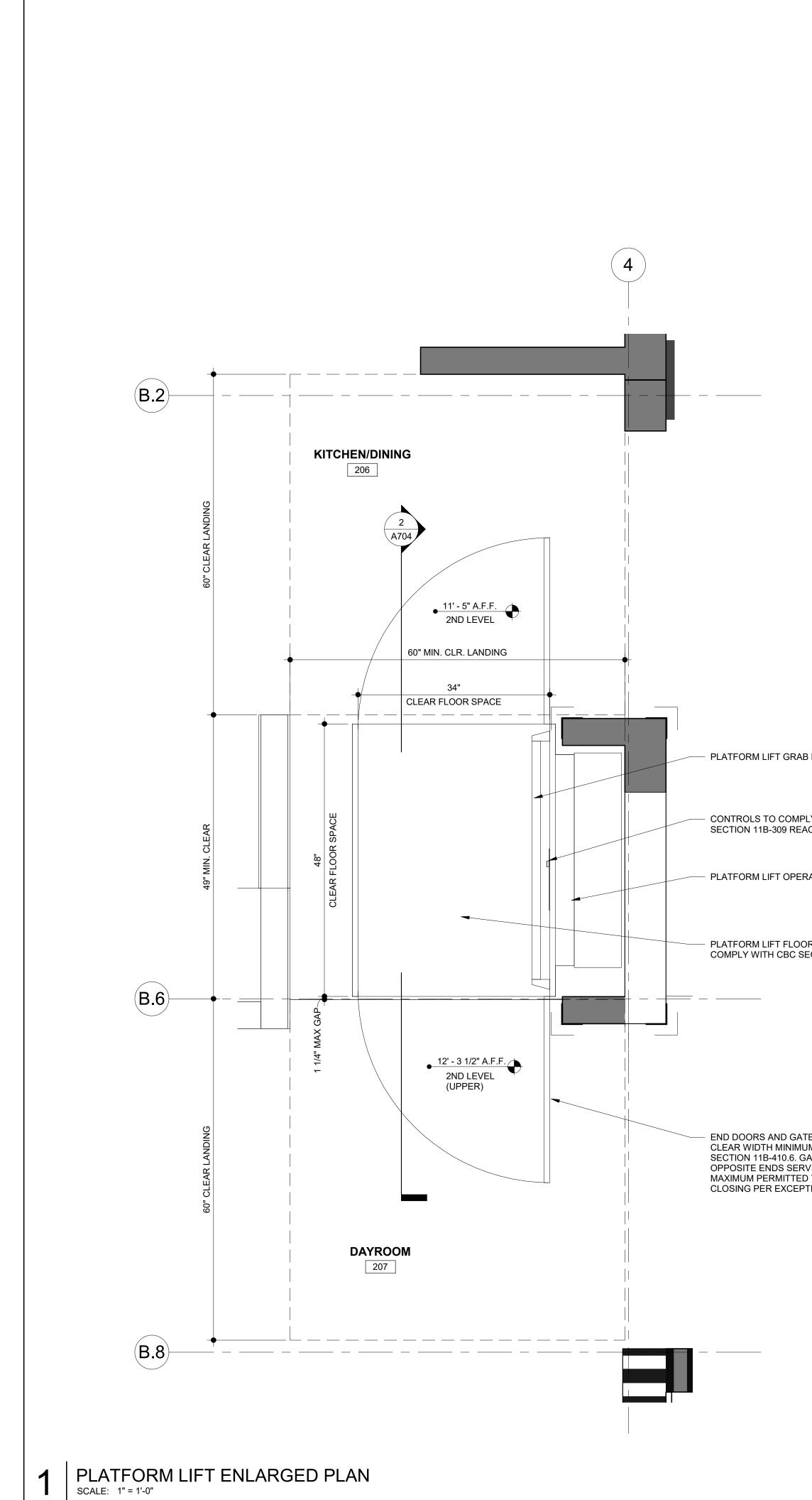


GLE FIT RUBBER EAD WITH EGRATED RISERS		MARJANG architecture
NIDE GRIT SAFETY RIP		
YWOOD TREAD D RISER, SSD.		STAMP
DOD STRINGER, D. PE 'X' 5/8" GYP. BOARD		PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
UNDERSIDE OF STAIR AMING FOR 1-HR TED SEPARATION		PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
	<u>KEYNOTES</u>	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
	05 52 00.A METAL HANDRAIL 09 65 00.D VINYL/RUBBER STAIR TREAD AND RISER WITH CONTRASTING ABRASIVE SAFETY STRIP	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
f		CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
		GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
		MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
_		AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
		ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
		NO.DESCRIPTIONDATE350% DESIGN DEVELOPMENT11/19/20214100% DESIGN DEVELOPMENT12/17/20217ISSUED FOR BUILDING PERMIT04/01/2022
		Image: Constraint of the second se
		JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
		DESCRIPTION ENLARGED STAIR PLAN, SECTION & DETAILS
		← A702



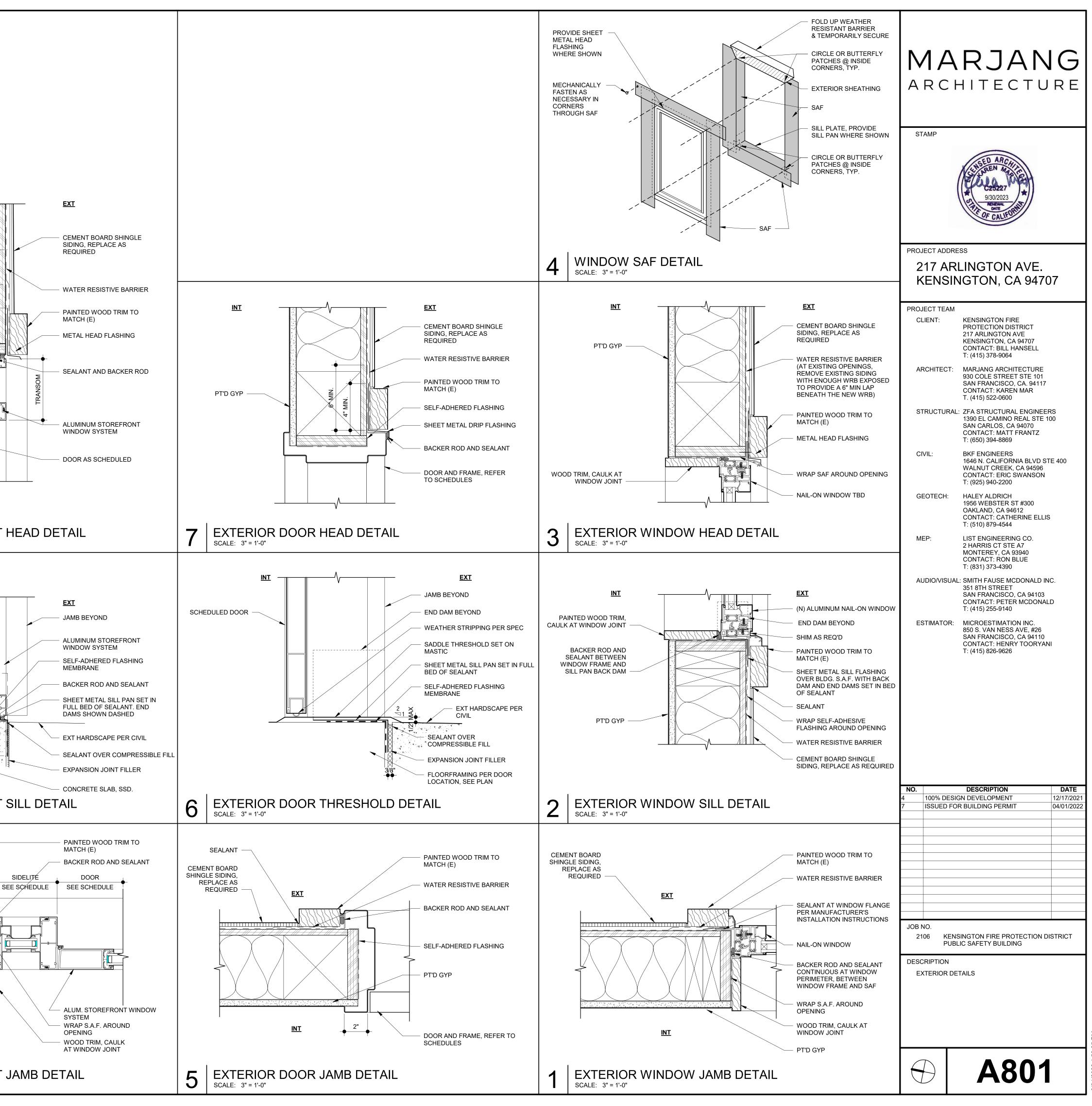
	 SHEET NOTES MEDICAL EMERGENCY ELEVATOR NOT REQUIRED PER CBC SECTION 3002.4A EX 3. EACH LANDING IS AT GROUND LEVEL WITH ACCESSIBLE EXIT AT GRADE BY A RAMP. ELEVATOR CALL CONTROLS TO CONFORM WITH CBC SECTION 11B-407.2.1 	MARJANG architecture
		STAMP
- <u>14 24 00.A3</u>		PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
11 A803		PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL
- <u>14 24 00.A4</u>	KEYNOTES 03 31 00.M3 CAST IN PLACE ELEVATOR PIT CONCRETE WALL, SSD.	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
	 05 51 33 STEEL RUNG LADDER AT ELEVATOR PIT. ALIGN RUNGS WITH FLOOR LEVEL 14 24 00.A1 HYDRAULIC ELEVATOR 14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD 14 24 00.A4 ELEVATOR HOISTWAY OVERHEAD BEAM, SSD. 	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
		CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH
- <u>14 24 00.A1</u>		MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7
		MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103
3 		CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
		NO. DESCRIPTION DATE 3 50% DESIGN DEVELOPMENT 11/19/2021
- 05 51 33		4 100% DESIGN DEVELOPMENT 12/17/2021 7 ISSUED FOR BUILDING PERMIT 04/01/2022 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
		DESCRIPTION ENLARGED ELEVATOR PLAN, SECTION & DETAILS
		↔ A703

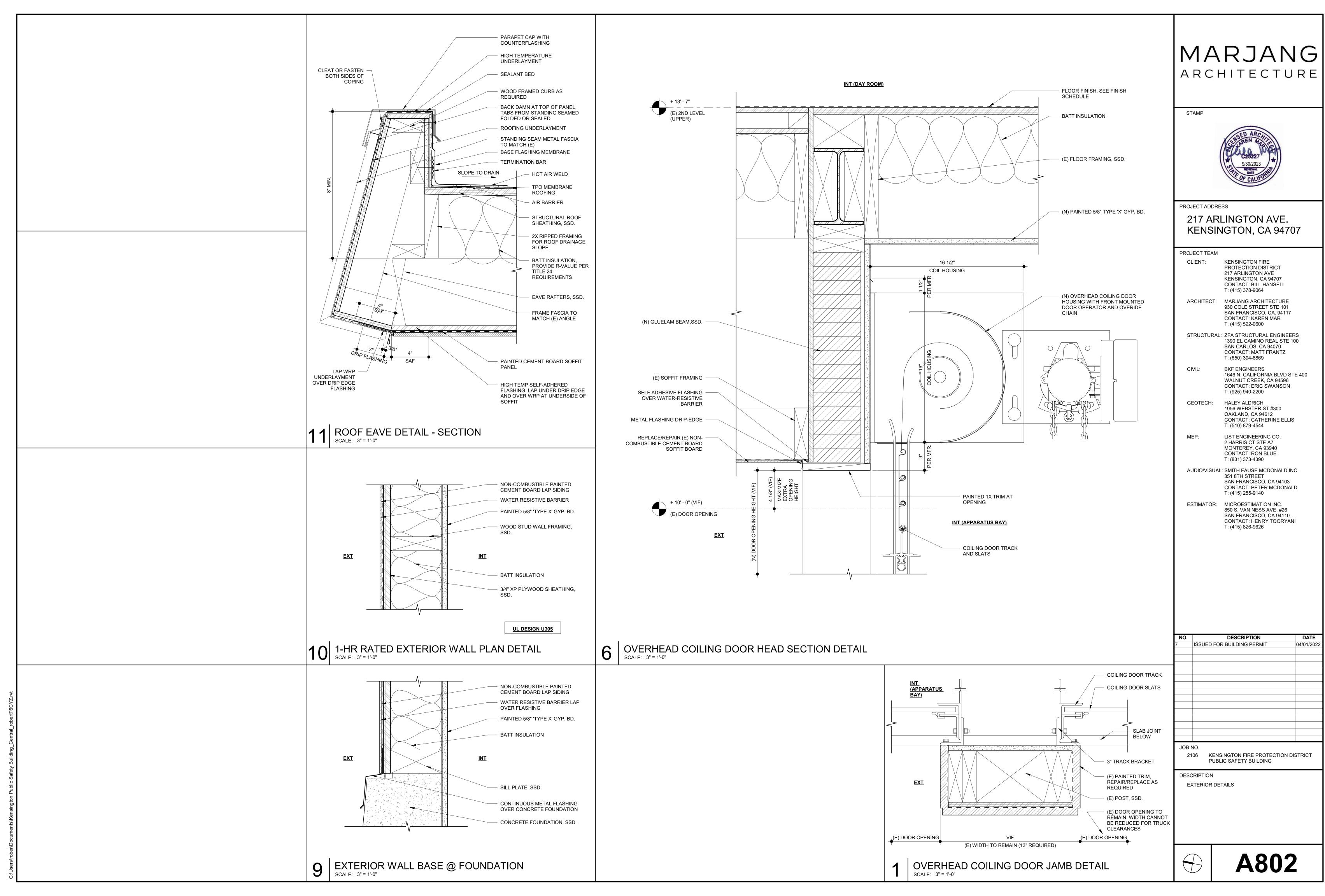




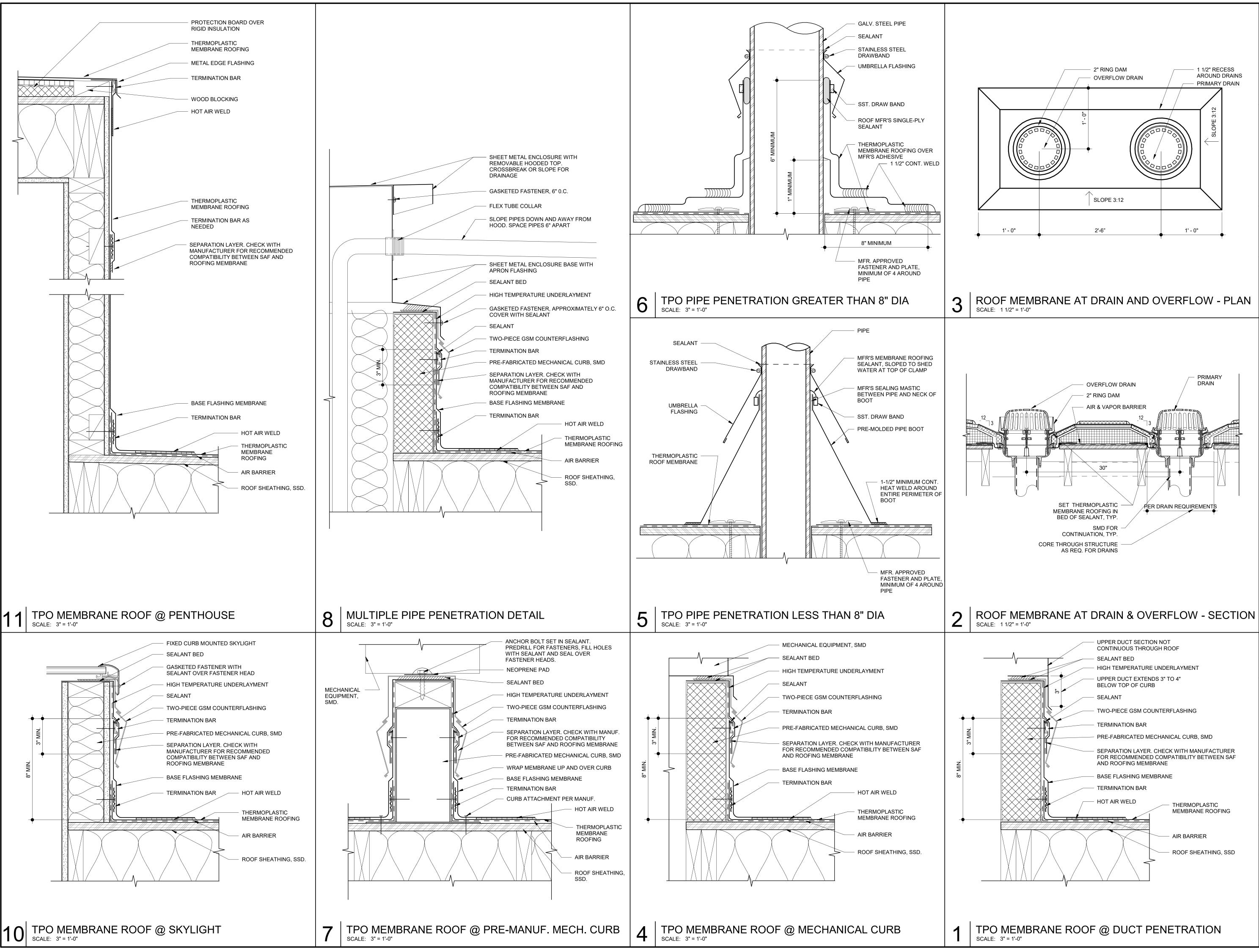
	SHEE	T NOTES		
	1. 2.	PLATFORM LIFT TO CONFORM WITH CBC SECTION 11B-410 FOR PLATFORM LIFT SIGNAGE, SEE SIGNAGE PLAN A013		RJANG
			STAMP	CZ5227 9/30/2023
				ESS LINGTON AVE. NGTON, CA 94707
			PROJECT TEAM	
			CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
			ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
			STRUCTURAL	L: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
			CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
			GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
			MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
NB BAR			AUDIO/VISUA	L: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
PLY WITH CBC ACH RANGES			ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
RATOR TOWER				
OR SURFACE TO SECTION 11B-302				
			NO.	DESCRIPTION DATE GN DEVELOPMENT 12/17/202 ⁷
				DR BUILDING PERMIT 04/01/2022
TES TO BE 32" UM PER CBC GATES ON RVING 2 LANDINGS D TO BE SELF- PTION 1.				
			PUB	SINGTON FIRE PROTECTION DISTRICT LIC SAFETY BUILDING
			DESCRIPTION ENLARGED W DETAILS	/HEELCHAIR LIFT PLAN SECTION, &
				A704
				MIV4

INT PT'D GYP	
·	3" MIN.
	6" MIN.
WOOD TRIM, CAULK AT WINDOW JOINT	
_	
11 EXTERIOR SCALE: 3" = 1'-0"	STOREFRONT
<u>INT</u>	
10 EXTERIOR SCALE: 3" = 1'-0"	STOREFRONT
CEMENT BOARD SHINGLE SIDING, REPLACE AS REQ'D.	EXT + s
PAINTED GYP. BD.	INT
	OTODEEDAVT
9 EXTERIOR SCALE: 3" = 1'-0"	STOREFRONT





3/31/2022 4:58:26 P



STAMP		
	SCHISCO ARCA	
	LINGTON AVE IGTON, CA 94	
ROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELI	_
ARCHITECT:	T: (415) 378-9064 MARJANG ARCHITECTUF 930 COLE STREET STE 1 SAN FRANCISCO, CA. 94 CONTACT: KAREN MAR T. (415) 522-0600	01
STRUCTURAL	: ZFA STRUCTURAL ENGIN 1390 EL CAMINO REAL S SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	TE 100
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLV WALNUT CREEK, CA 945 CONTACT: ERIC SWANS T: (925) 940-2200	96
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE E T: (510) 879-4544	ELLIS
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
AUDIO/VISUAL	.: SMITH FAUSE MCDONAL 351 8TH STREET SAN FRANCISCO, CA 941 CONTACT: PETER MCDO T: (415) 255-9140	03
ESTIMATOR:		10
D. 100% DESIC	DESCRIPTION GN DEVELOPMENT	DATE 12/17/2021
	R BUILDING PERMIT	04/01/2022
	SINGTON FIRE PROTECTIO	ON DISTRICT
ESCRIPTION ROOF DETAIL		

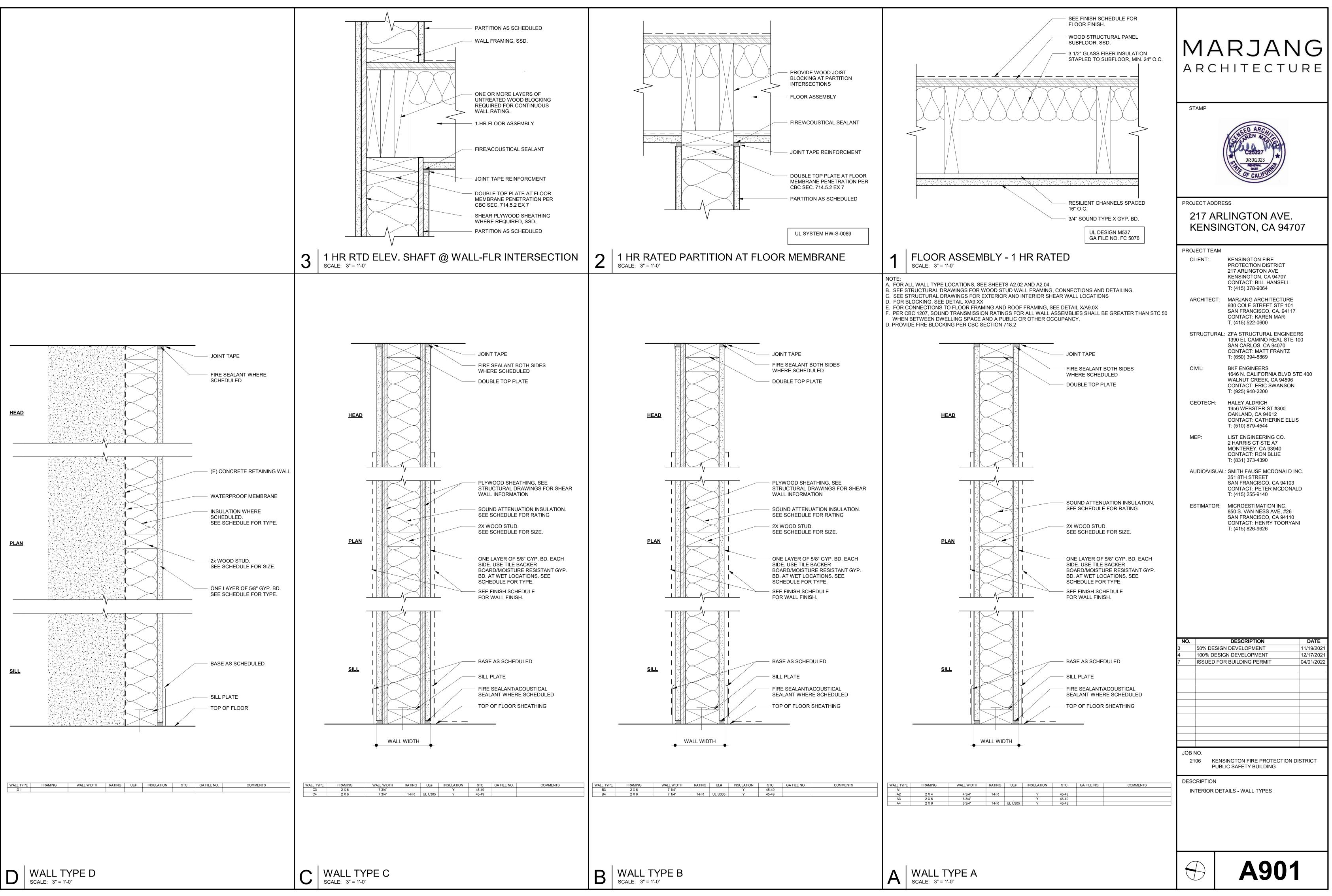
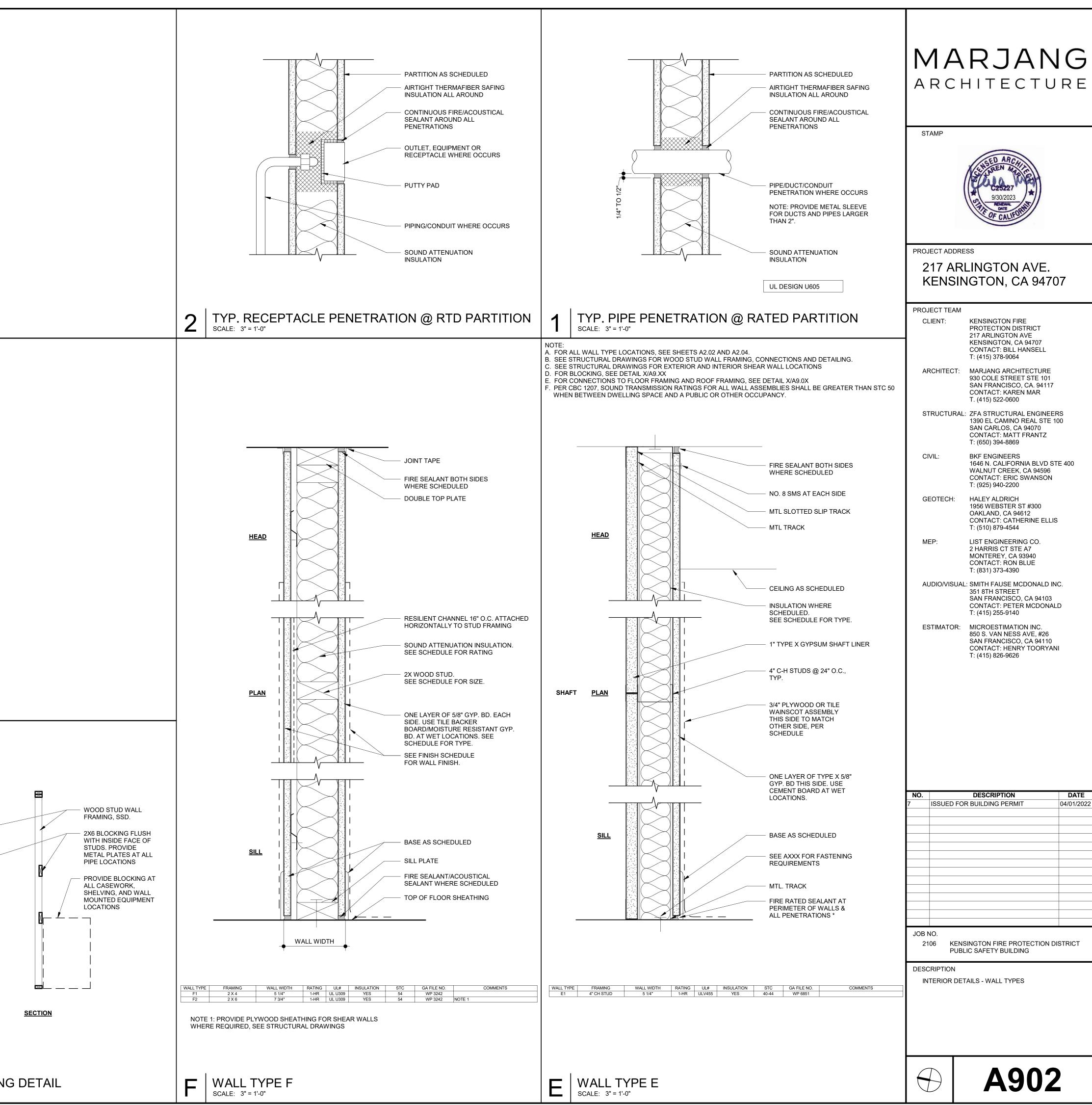
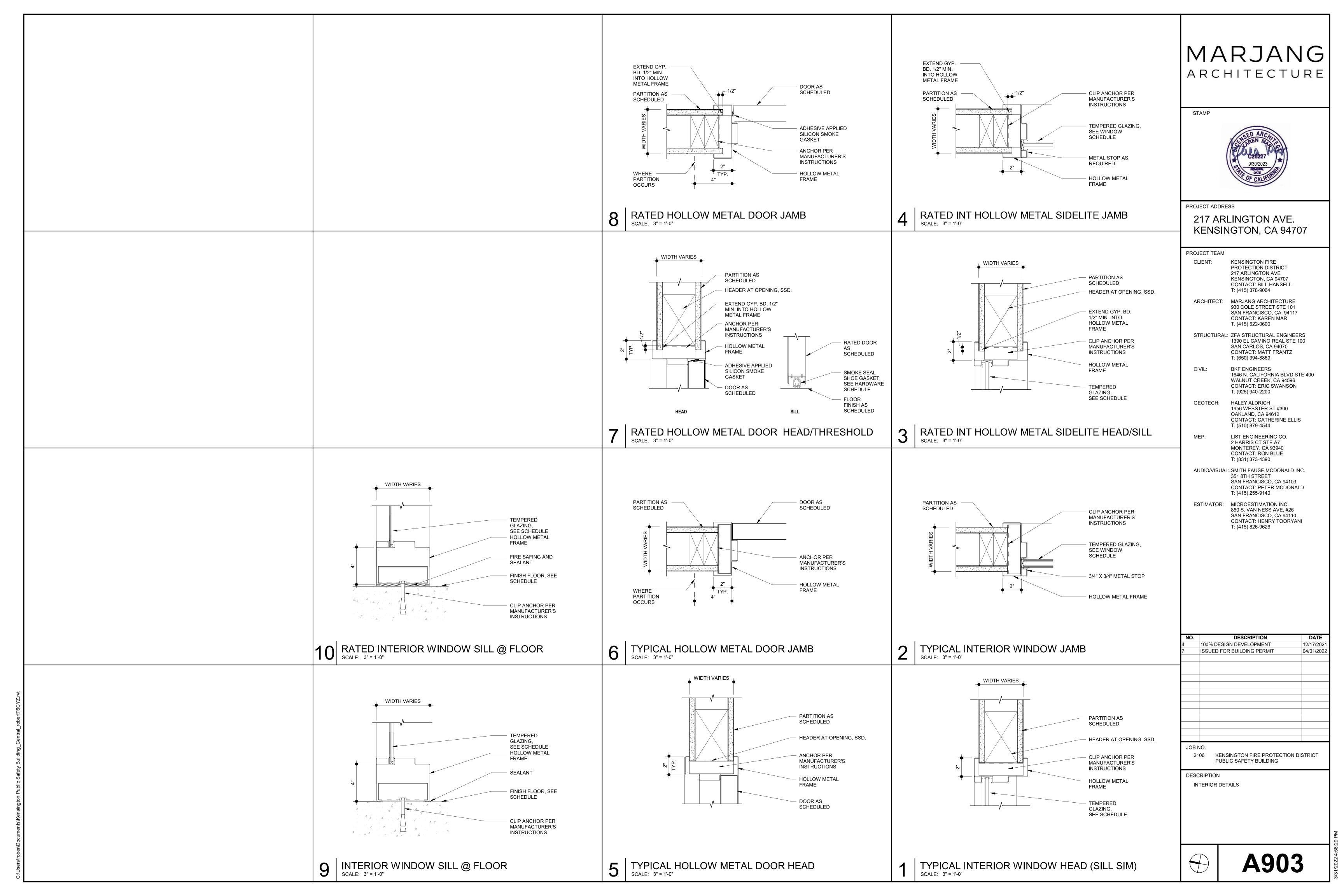
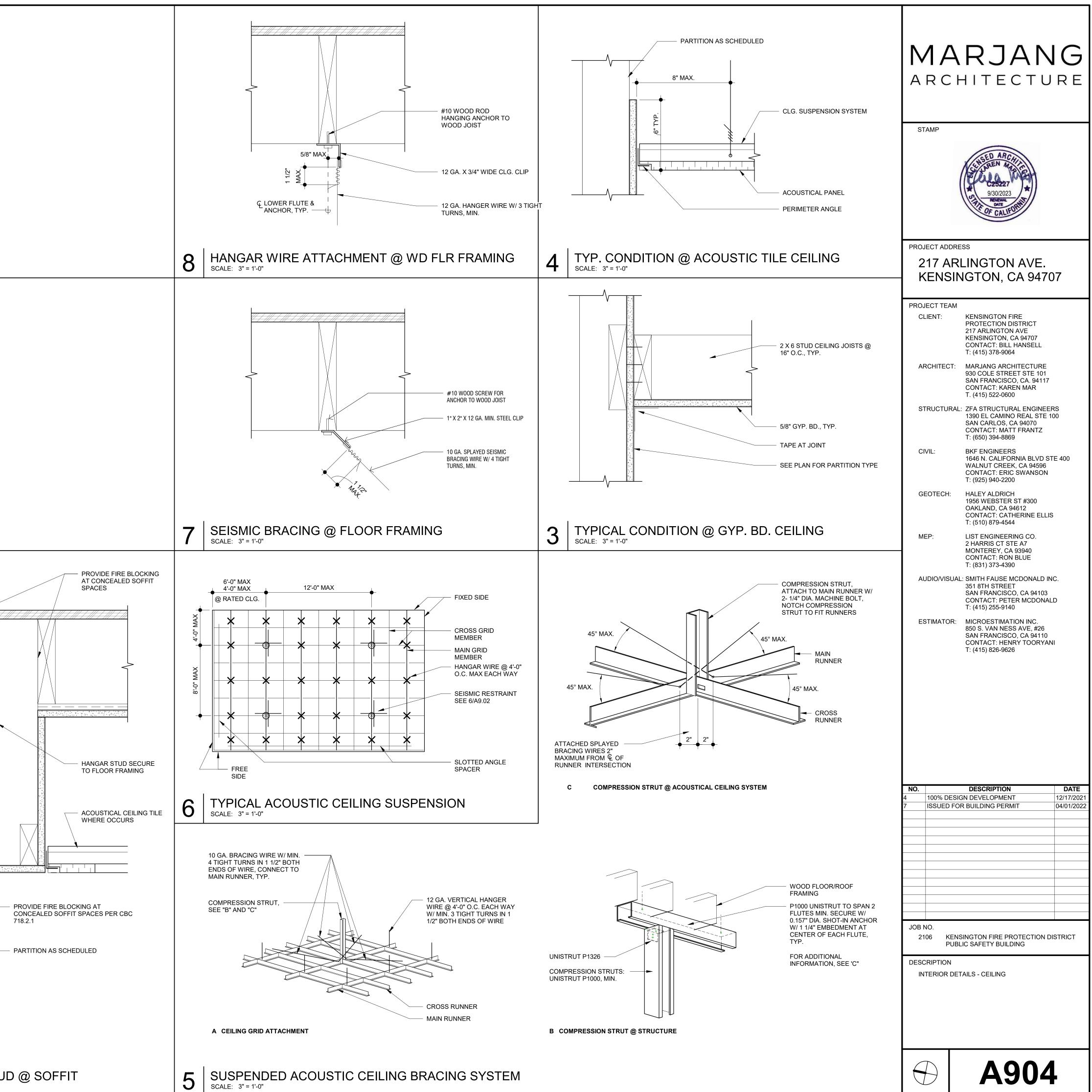


Image: second system ELEVATION 3 WOOD BLOCKING BACKING SCALE: 1/2" = 1'-0"

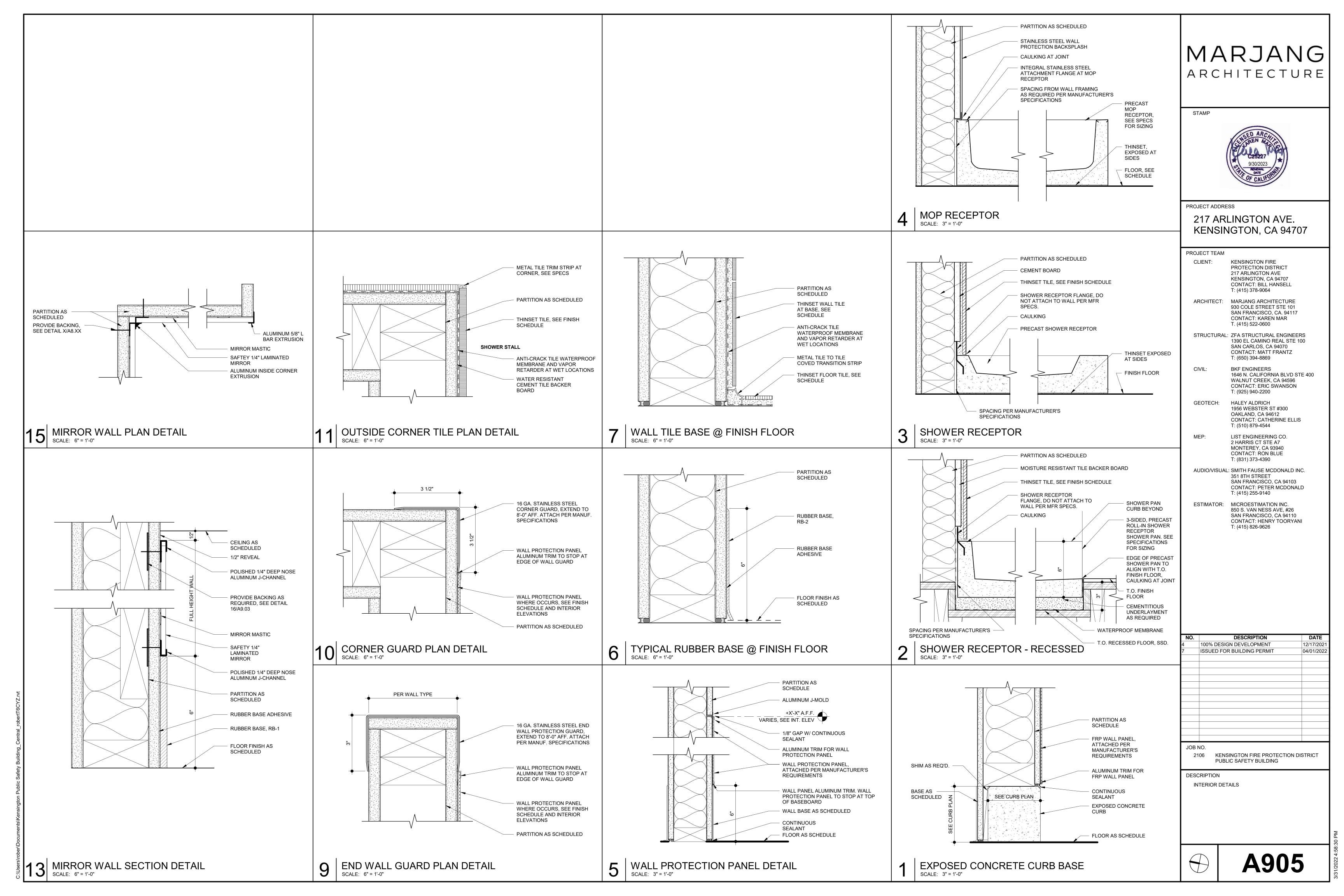




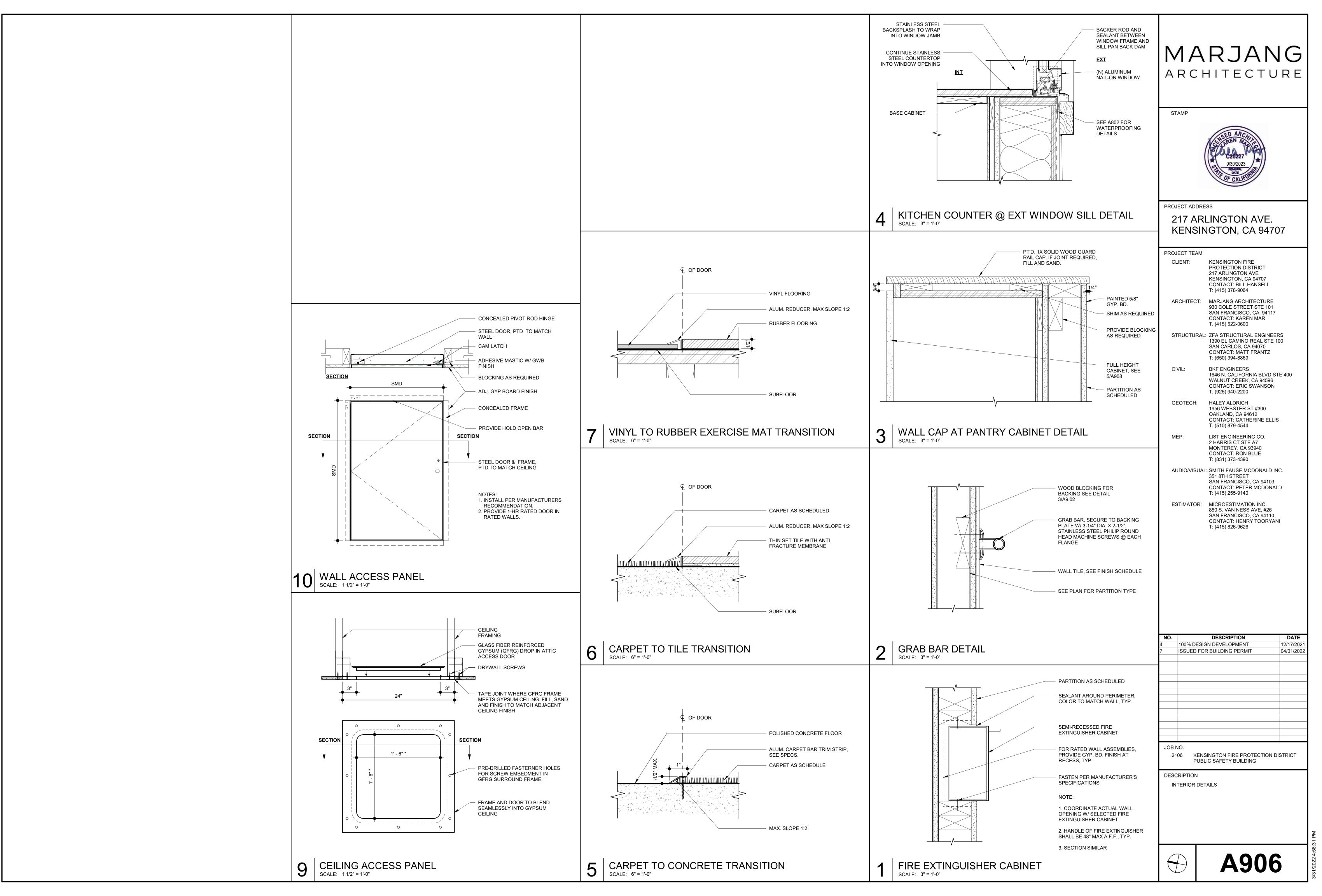
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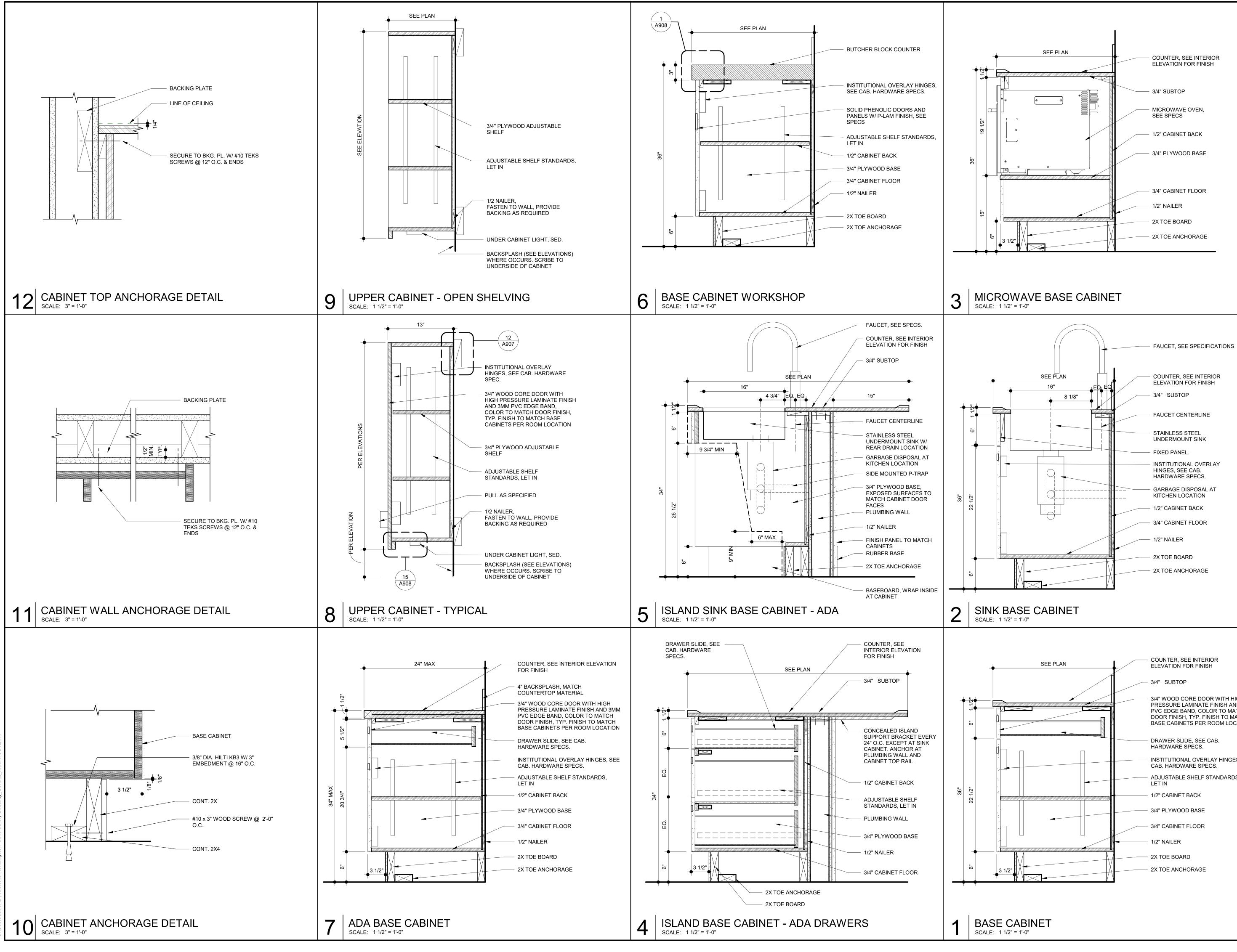


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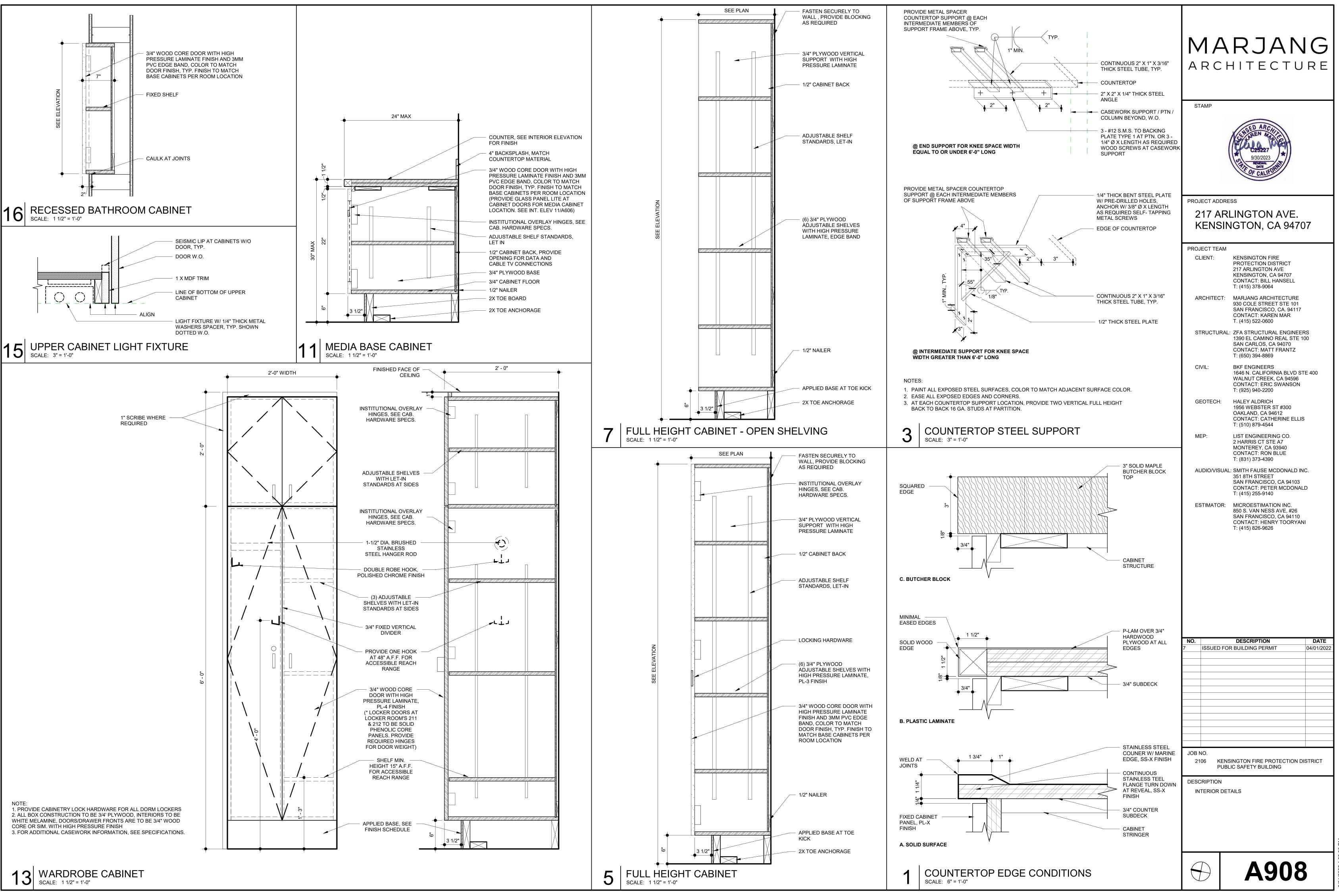


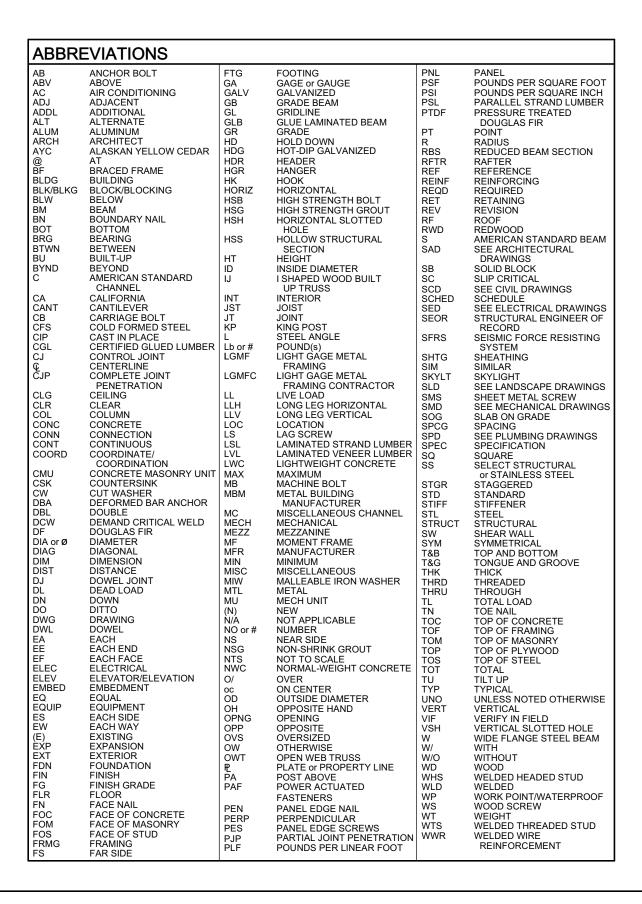
3/4" WOOD CORE DOOR WITH HIGH PRESSURE LAMINATE FINISH AND 3MM PVC EDGE BAND, COLOR TO MATCH DOOR FINISH, TYP. FINISH TO MATCH BASE CABINETS PER ROOM LOCATION

INSTITUTIONAL OVERLAY HINGES, SEE

ADJUSTABLE SHELF STANDARDS,

MARJANG architecture				
STAMP	STAMP			
	LINGTON AVE. NGTON, CA 947	07		
PROJECT TEAM CLIENT:	KENSINGTON FIRE			
	PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064			
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600			
STRUCTURAL	: ZFA STRUCTURAL ENGINEE 1390 EL CAMINO REAL STE SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869			
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD S WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	STE 400		
GEOTECH:	GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS			
MEP:	T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390			
AUDIO/VISUAL	AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140			
ESTIMATOR:				
	DEOODIDTION			
NO. 7 ISSUED FO	DESCRIPTION R BUILDING PERMIT	DATE 04/01/2022		
PUBL	SINGTON FIRE PROTECTION I LIC SAFETY BUILDING	DISTRICT		
DESCRIPTION INTERIOR DET	ΓAILS			
	A907	7		





- WOOD FRAMING NOTES

- 1. HEADERS, BEAMS, POSTS, TOP PLATE SPLICES, AND ETC., ARE PER <u>1/S103</u> AND <u>3/S103</u> WHERE NOT NOTED ON PLAN AND DETAILS.
- 2. ALL BEAMS AND JOISTS (EXCLUDING I JOISTS) SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, INCLUDING BEAM SEATS AND COLUMN CAPS.
- 3. THE GENERAL CONTRACTOR SHALL MEASURE GLULAM BEAM SIZES AND CAMBERS AS DELIVERED TO THE JOB SITE AND SHALL REPORT FINDINGS TO THE ENGINEER PRIOR TO ERECTION, PROVIDE 5,000 FT, RADIUS CAMBER ON ALL SIMPLE SPAN GLULAM BEAMS UNO. WHERE INDICATED ON PLAN, C = 3/4" INDICATES MIDSPAN CAMBER IN INCHES.
- 4. 31/2" AND 51/2" WIDTHS MAY BE SUBSTITUTED FOR 31/2" & 51/2" WIDTHS, RESPECTIVELY, AT INDUSTRIAL APPEARANCE GRADE GLULAM MEMBERS UNO.
- 5. SEE <u>11/S103</u> FOR SHEATHING NAILING REQUIREMENTS. ALL NAILING NOT NOTED OR DETAILED OTHERWISE SHALL BE PER 10/S103. NAIL LENGTH TO BE SUFFICIENT TO MEET CBC PENETRATION REQUIREMENTS. NAILS INTO PRESSURE TREATED MATERIAL SHALL BE HOT DIP GALVANIZED. NAILS AT BORATE TREATED LUMBER MAY BE CLEAR ZINC COATED. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AT EXTERIOR EXPOSURES.
- 6. EXTERIOR STUD WALL SHALL BE 2x6 @ 16"oc UNLESS NOTED OTHERWISE. INTERIOR BEARING WALLS AND SHEAR WALLS SHALL BE 2x6 @ 16"oc UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL DRAWINGS FOR OTHER INTERIOR WALL FRAMING SIZES. COORDINATE STUD AND PLATE SIZES WITH THE REQUIREMENTS OF THE SHEAR WALL SCHEDULE.
- 7. WOOD POST SIZES ARE TO MATCH BEAM AND STUD WIDTH, UNO. WHERE POST OCCURS ABOVE RAISED FLOOR, PROVIDE SOLID BLOCKING AT FLOOR FRAMING TO MATCH WIDTH OF POST. PEN PER C/S002 TO POSTS AT ALL EXTERIOR WALLS AND INTERIOR SHEAR WALLS. POSTS AT HOLDOWNS TO BE FULL HEIGHT AND PER <u>8/S103</u>.
- 8. FOR ROOF DRAINAGE, TOP OF FRAMING BETWEEN NOTED POINTS IS A STRAIGHT LINE.
- 9. ALL MECHANICAL SUPPLY AND RETURN OPENINGS TO BE BETWEEN FRAMING UNO.
- 10. HSS OR PIPE COLUMNS IN STUD WALLS ARE TO BE TRIMMED PER 6/S104. REFER TO PLANS AND DETAILS FOR OTHER REQUIREMENTS.
- 11. JOISTS AND RAFTERS ARE PER PLAN. UNLESS NOTED OTHERWISE, PROVIDE "LU" HANGER AT FLUSH FRAMING AND "HU" HANGER WHERE HANGER IS SHOWN SKEWED PER PLAN AND/OR HANGER SEAT IS INDICATED TO BE SLOPED. HANGER SIZE TO BE CORRECT FULL SIZE FOR JOIST SIZE (I.E. LU210 FOR 2x10). FILL ALL NAIL HOLES.
- 12. PROVIDE SOLID BLOCKING @ 8'-0"oc MAX FOR ALL 2x14 REPETITIVE FRAMING.
- 13. PROVIDE ADDITIONAL JOIST BELOW ALL OR ADJACENT TO NON-STRUCTURAL WALLS PARALLEL TO FRAMING, UNO.
- 14. ROUND HOLES IN STEEL PLATES TO BE 1/16" OVERSIZE. SLOTTED HOLES IN STEEL PLATES SHALL BE $\frac{1}{16}$ " WIDER THAN THE BOLT DIAMETER AND HAVE A LENGTH OF 2 TIMES THE BOLT DIAMETER. THE DIRECTION OF THE SLOTTED LENGTH IS INDICATED ON THE DETAILS (VSH OR HSH). INSTALL BOLT AT THE CENTER LINE OF THE HOLE. BOLT HOLES IN WOOD SHALL BE ROUND AND 1/32" OVERSIZE. CUT OFF BOLT THREADED END FLUSH WITH NUT WHEN REQUIRED BY FINISHES AND 1" MAXIMUM FROM NUT OTHERWISE, PROVIDE STANDARD CUT WASHERS UNDER HEAD AND NUT WHERE BOLT BEARS ON WOOD. USE PLATE OR MALLEABLE IRON WASHERS AT EXPOSED CONDITIONS OR AS INDICATED.
- 15. ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPLICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPLICED OR STRAPPED MEMBER SHALL BE EQUIDISTANT FROM THE SPLICE. STRAPS USING 16d NAILS ON 2x MATERIAL TO BE INSTALLED ON THE 1¹/₂" EDGE OF THE MEMBER.
- 16. THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND SHEATHING MEET THE REQUIREMENTS OF THE SPECIFICATIONS AT THE TIME OF INSTALLATION AND AT CLOSE-IN. THE CONTRACTOR SHALL PROVIDE ALLOWANCE FOR DIFFERENTIAL SHRINKAGE BETWEEN FLOORS, ETC.
- 17. VENTING IS REQUIRED IN ENCLOSED FRAMING AREAS, SAD. DRILL BLOCKING AND LEDGERS AND PROVIDE SKIP BLOCKING AS DETAILED.
- 18. SAD FOR CEILING INFO. WHERE REQUIRED PROVIDE CEILING JOISTS PER 4/S104, UNO
- 19. ALL SHEATHING SHALL HAVE 1/8" GAP AT ALL EDGES AND JOINTS. TYPICAL SHEATHING:
- A. FLAT ROOF SHEATHING (SLOPE 2:12 OR LESS): 1%2" T&G APA RATED SHEATHING (40/20) EXP 1 WITH 10d @ 4"oc EDGES (PEN) AND 12"oc FIELD UNO ON PLANS. LAY PERPENDICULAR TO FRAMING MEMBERS. BLOCK EDGES WITH 2x4 LAID FLAT. NO PANELS LESS THAN 24" WIDE SHALL BE USED. STAGGER SHEETS.
- B. FLOOR SHEATHING: 23/32 " T&G APA RATED SHEATHING (48/24) EXP 1 WITH 10d @ 4"oc EDGES (PEN) AND 12"oc FIELD UNO ON PLANS. LAY PERPENDICULAR TO & GLUE TO FRAMING MEMBERS IMMEDIATELY PRIOR TO FULL NAILING (DO NOT SPOT NAIL). BLOCK EDGES WITH 2x4 LAID FLAT AS NOTED ON THE PLANS AND DETAILS. NO PANELS LESS THAN 24" WIDE SHALL BE USED. STAGGER SHEETS. ALTERNATE FASTENER: SIMPSON WSV #9x2" MIN SCREW (ICC ESR-1472). MIN 1¹/₄" FRAMING/BLOCKING EMBEDMENT.

F STEEL NOTES

- 1. COORDINATE TOP OF FOOTING ELEVATIONS AS DETERMINED BY THE CONTRACTOR PER C/S0.1.
- 2. TOP OF STEEL ELEVATIONS ARE TO BE DETERMINED BY THE CONTRACTOR BASED ON ARCHITECTURAL DRAWINGS AND STRUCTURAL DRAWINGS.
- 3. ALL FRAMING AND CONNECTIONS ALONG GRID LINES OR OTHERWISE INDICATED AS (SFRS) ARE PART OF THE SEISMIC FORCE RESISTING SYSTEM. TESTING AND INSPECTION OF FRAMING AND CONNECTIONS INDICATED AS SFRS SHALL MEET ALL REQUIREMENTS OF AISC 341 AND AWS D1.8. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 4. ALL BOLTS THAT ARE A PART OF THE SFRS ARE TO BE SLIP CRITICAL WITH CLASS A FAYING SURFACE PREPARATION, UNO.

FOUNDATION NOTES

- ALLOWABLE (ASD) FOUNDATION DESIGN PRESSURES ARE:
- SHALLOW FOOTINGS AT UNDISTURBED SOIL: DEAD LOAD + LIVE LOAD = 2,250 PSF DEAD LOAD + LIVE LOAD + LATERAL = 3,000 PSF
- ALL SOILS WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS THE REQUIREMENTS OF THE GEOTECHNICAL REPORT NOTED BELOW, AND CHAPTER 18 OF THE CBC. ALL GRADE BEAMS AND SLABS SHALL BEAR ON FIRM, SCARIFIED AND COMPACTED, NATIVE SOILS OR SHALE AT OR EXCEEDING DEPT SHOWN ON THE DRAWINGS. SURFACES EXPOSED BY EXCAVATION SHOULD BE SCARIFIED TO A DEPTH OF 8 INCHES AND COMPACTED PER GEOTECHNICAL REPORT. CONTINUOUS FOOTINGS MUST BEAR ON SHALE. INCREASE FILL AND C FOOTING DEPTH AS REQUIRED BY GEOTECHNICAL ENGINEER. ALL FOOTING EXCAVATIONS SHALL BE AS NEAT AS PRACTICABLE. MAXIMUM OVER EXCAVATION IN WIDTH SHALL BE LESS THAN 12 INCHES OR 25% OF FOOTING WIDTH. WHICH EVER IS LESS. 6 INCHES MAXIMUM PER SIDE. LARGER OVER-EXCAVATIONS IN WIDTH SHALL BE FILLED WITH ADDITIONAL REINFORCED CONCRETE AS DIRECT BY THE ENGINEER, OR FORMWORK SHALL BE PROVIDED. OVER-EXCAVATIONS DEPTH MAY BE FILLED WITH LEAN CONCRETE OR COMPACTED APPROVED BACKFILL. ALL LOOSE SOILS SHALL BE REMOVED FROM EXCAVATIONS PRIOR TO PLACEMENT OF REINFORCING OR CONCRETE. GEOTECHNICAL REPORT BY:
 - HALEY & ALDRICH, INC. REPORT NO. 0201747-000 DATED: 11/29/2021
 - HALEY & ALDRICH, INC.
 - SUPPLEMENTAL GEOTECHNICAL RECOMMENDATIONS DATED: 03/17/2022
- 3. WHERE BOTTOM OF ADJACENT FOOTINGS ARE DIFFERENT PROVIDE STEPPED FOOTING PER 8/S101
- 4. USE 5/8" DIAMETER x 12" (18" AT CURBS) ANCHOR BOLTS (AB) AT 48"oc WHERE NO OTHERWISE NOTED. MINIMUM EMBEDMENT INTO CONCRETE IS 7" (EXCLUDING CURB) UNLESS DETAILED OTHERWISE. ANCHOR BOLTS ARE TO BE TIED IN PLACE PRIOR TO PLACEMENT OF CONCRETE. SEE SHEAR WALL SCHEDULE FOR ADDITIONAL REQUIREMENTS. MINIMUM TWO ANCHOR BOLTS PER SILL PIECE.
- TYPICAL SLAB: CONCRETE REINFORCED SLABS WITH THICKNESS AND REINFORCEMENT PER FOUNDATION PLAN OVER VAPOR RETARDER (PER SPECIFICATIONS) AND 6" THICK LAYER OF COMPACTED CLASS 2 AGGREGATE B ON SUBGRADE PER THE GEOTECHNICAL RECOMMENDATIONS, AND AS APPROV BY THE GEOTECHNICAL ENGINEER. DO NOT DRIVE CONCRETE TRUCKS OR LAR SCREED MACHINES ON VAPOR RETARDER WITHOUT ADDITIONAL BUFFER MATE AND APPROVAL FROM THE STRUCTURAL ENGINEER.
- REFER TO ARCHITECTURAL AND PLUMBING DRAWINGS FOR DEPRESSED SLABS FOR ARCHITECTURAL FLOORING OR INSERTS, SLOPED SLABS TO DRAIN AND PIP OR CONDUITS AT SLAB. SEE <u>7/S101</u>FOR PIPES AND CONDUITS.
- 7. PROVIDE CONTROL JOINTS PER 6/S101 (OR CONSTRUCTION/DOWEL JOINTS AT CONTRACTOR'S OPTION) AS SHOWN ON PLAN AND AS REQUIRED TO MEET A MAXIMUM SPACING IN FEET OF 3 TIMES THE SLAB DEPTH IN INCHES (FOR EXAM 3x4" = 12'-0"oc MAX) AND 15'-0"oc MAX. INSTALL JOINTS TO DIVIDE SLAB INTO RECTANGULAR AREAS WITH LONG DIMENSION LESS THAN 1.5 x SHORT DIMENSI INSTALL JOINTS AT FACE OF STUDS OF WALL WHERE POSSIBLE. SUBMIT JOINT LAYOUT PLAN FOR REVIEW PRIOR TO PLACEMENT.
- DRILLING FOR CAST IN PLACE CONCRETE PIERS REQUIRES OBSERVATION AND APPROVAL OF GEOTECHNICAL ENGINEER. ALL PIERS SHALL BE POURED IN ONE CONTINUOUS POUR WITH STEEL IN PLACE. ALL PIERS TO BE VIBRATED WHILE POURING CONCRETE.
- DO NOT UNDERCUT EXISTING FOUNDATIONS. NOTIFY ENGINEER FOR REVIEW A POSSIBLE REVISIONS, IF EXISTING FOUNDATION CONDITIONS ARE NOT AS SHOW
- 10. TOP OF FOOTING ELEVATIONS TO BE DETERMINED BY THE CONTRACTOR BASE ON INFORMATION FROM THE CIVIL DRAWINGS, GEOTECHNICAL REPORT, LANDSCAPE, ETC.

SPECIAL INSPECTION BY OWNERS **TESTING AGENCY**

SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED BY AN APPROVED AGE IN ACCORDANCE WITH CBC CHAPTER 17 AND THE STATEMENT OF SPECIAL INSPECTIONS AS REQUIRED BY CBC SECTIONS 1704.2.3 AND 1704.3 FOR BUILDING STRUCTURAL ELEMENTS SUMMARIZED AS FOLLOWS:

- 1. STRUCTURAL STEEL CONSTRUCTION PER CBC SECTIONS 1705.2, 1705.12.1. 1705.13.1, AND TABLE 1705.2.3 INCLUDING MATERIAL IDENTIFICATION, SHOP AND FIELD WELDING, AND INSTALLATION OF HIGH-STRENGTH BOLTS.
- CONCRETE CONSTRUCTION PER CBC SECTIONS 1705.3, AND TABLE 1705.3 INCLUDING FORMWORK, REINFORCING STEEL, CAST-IN-PLACE BOLTS, MIX DESIGNS, CONCRETE SAMPLES, AND PLACEMENT FOR ALL CONCRETE. REINFORCING DOWELS FROM FOOTINGS TO RETAINING WALLS SHALL BE INSPECTED PRIOR TO PLACEMENT OF FOOTING CONCRETE AND WALL GROUT CONCRETE. CONTINUOUS OR ISOLATED SPREAD FOOTINGS WITH DESIGN STRENGTH NO GREATER THAN 2500 PSI, NON-STRUCTURAL SLABS ON GRADE, EXTERIOR FLATWORK DO NOT REQUIRE SPECIAL INSPECTION PER CBC SECTIOI 1705.3
- WOOD CONSTRUCTION PER CBC SECTIONS 1705.5, 1705.11.1, AND 1705.12.2 INCLUDING NAILING, BOLTING, AND ANCHORING OF ALL DRAG STRUTS; TOP PLA SPLICES, LEDGER SPLICES, SIMPSON HARDWARE, BRACES, AND HOLDOWNS; AI NAILING, BOLTING, AND ANCHORING OF ALL SHEAR WALLS, SHEAR PANELS, ANI DIAPHRAGMS WHERE THE FASTENER SPACING OF THE SHEATHING IS 4" APART LESS.
- SOILS PER CBC SECTION 1705.6, TABLE 1705.6, AND THE APPROVED SOILS REPO INCLUDING SUBGRADE PREPARATION, FOUNDATION BEARING MATERIALS AND DEPTH OF EXCAVATIONS, AND VERIFICATION, PLACEMENT AND TESTING OF CONTROLLED FILL.
- DRILLED CONCRETE PIER FOUNDATIONS PER CBC SECTION 1705.8, TABLE 1705. AND THE APPROVED SOILS REPORT INCLUDING DRILLING OPERATIONS, PIER SI AND EMBEDMENT, END BEARING STRATA CAPACITY, AND PLACEMENT OF REINFORCEMENT AND CONCRETE. ADDITIONAL INSPECTIONS FOR CONCRETE A REQUIRED PER CBC SECTION 1705.3, AND AS NOTED ABOVE.
- SPECIAL CASES PER CBC SECTION 1705.1.1 AND PRODUCT ICC REPORTS FOR AL STRUCTURAL MATERIALS AND SYSTEMS REQUIRED TO BE INSTALLED IN ACCORDANCE WITH ADDITIONAL MANUFACTURER'S INSTRUCTIONS THAT PRESCRIBE REQUIREMENTS NOT CONTAINED IN THE CBC OR REFERENCED STANDARDS INCLUDING POST-INSTALLED ANCHOR BOLTS IN CONCRETE AND CMU, AND PRE-MANUFACTURED SHEAR PANELS AND BRACED FRAMES.

SHEET INDEX			SHEET INDEX	
S001 GENERAL NOTES AND	SPECIFICATIONS	S3	01	ELEVATIONS & SECTIONS
S002 GENERAL NOTES AND	SPECIFICATIONS	S3)2	ELEVATIONS & SECTIONS
S101 TYPICAL CONCRETE D	ETAILS	S4	D1	FOUNDATION DETAILS
S102 TYPICAL CONCRETE G	RADE BEAM DETAILS	S4)2	FOUNDATION DETAILS
S103 TYPICAL WOOD DETAI	LS	S4	03	FOUNDATION AND ELEVATOR DETAILS
S104 TYPICAL WOOD DETAI	LS	S6	D1	STAIR FRAMING DETAILS
S105 TYPICAL STEEL FRAMI	NG DETAILS	S6)2	SECOND FLOOR DETAILS
S201 FOUNDATION PLAN		S6	03	SECOND FLOOR DETAILS
S202 SECOND FLOOR FRAM	IING PLAN	S6	04	SECOND FLOOR DETAILS
S203 ROOF FRAMING PLAN		S6)5	ROOF DETAILS
		-		

	A	DESIGN	CRITERIA			390 el camino an carlos ca 9		650.3	zfa.com 94.8869
	<u>FLC</u> RO FU	<u>Sign Criteria</u> : <u>Dor Live Load</u> : <u>DF Live Load</u> : <u>Ture Solar</u> :	2019 CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2 (CBC 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC) 50 PSF (REDUCIBLE) 20 PSF (REDUCIBLE) 8 PSF) AND	z	fa job no . 2147	9 Cd	opyright	© 2022
AND HS		<u>K CATEGORY</u> : <u>ID DATA</u> :	IV ULTIMATE WIND SPEED (3 SEC GUST) IN MPH: 102 WIND EXPOSURE: C INTERNAL WIND PRESSURE COEFFICIENT (GCPI) = ±0.18 COMPONENTS AND CLADDING DESIGN PRESSURES FOR SYSTEM	IS		STAMP			
OR ON ED IN D	EAI	RTHQUAKE DATA:	DESIGNED BY OTHERS SHALL COMPLY WITH THE "ASCE 7-16" DESIGN STANDARD SEISMIC IMPORTANCE FACTOR, I _e : 1.5 MAPPED SPECTRAL RESPONSE ACCELERATIONS: S _S = 2.277g; S ₁ = SITE CLASS: C SPECTRAL RESPONSE COEFFICIENTS: S _{DS} = 1.822g; S _{D1} = 0.821g SEISMIC DESIGN CATEGORY: F SEISMIC FORCE RESISTING SYSTEM(S): WOOD FRAMED SHEAR V AND STEEL ORDINARY MOMENT FRAMES RESPONSE MODIFICATION FACTOR(S): R = 6.5, R=3.5 DESIGN BASE SHEAR: 68k (ASD) SEISMIC RESPONSE COEFFICIENT(S), C _S = 0.420, C _S = 0.781 (ULTIM ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE SEISMIC FORCES ARE REDUCED TO 75% OF CURRENT CODE PEF	/ALLS /ATE)			STRUCTURAL		
	<u>SC(</u>	<u>DPE</u> :	MODIFICATIONS TO EXISTING BEARING WALL LOCATIONS, NEW F AND ROOF FRAMING, FULL SEISMIC RETROFIT, ASSOCIATED FOUNDATION WORK, AND TENANT IMPROVEMENTS.		P		^{ss} LINGTON A' IGTON, CA		7
(B	GENER/	AL NOTES						
∖ ot		1			P	ROJECT TEAM	KENSINGTON FIRE		
E	1. 2.	CONSTRUCTION METHODS. BUILDING DIMEN	TS <u>S101</u> , <u>S102</u> , <u>S103</u> , <u>S104</u> AND <u>S105</u> FOR STANDARD DETAILS OF I. REFER TO THE PROJECT SPECIFICATIONS FOR MATERIALS AND ISIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. SEE				PROTECTION DISTR 217 ARLINGTON AVE KENSINGTON, CA 94 CONTACT: BILL HAN T: (415) 378-9064	707	
ASE ED GE		DISCREPANCIES ARCHITECT/ENG WORK.	L DRAWINGS (SAD) FOR ALL ACTUAL BUILDING DIMENSIONS. ANY S ARE TO BE BROUGHT TO THE ATTENTION OF THE GINEER SO CLARIFICATION CAN BE MADE PRIOR TO COMMENCING			ARCHITECT:	MARJANG ARCHITEO 930 COLE STREET S SAN FRANCISCO, CA CONTACT: KAREN M T. (415) 522-0600	TE 101 A. 94117	
RIAL		BE DETERMINED WORK.	RAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL) AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING JLLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS			STRUCTURAL	: ZFA STRUCTURAL E 1390 EL CAMINO REA SAN CARLOS, CA 940 CONTACT: MATT FRA	AL STE 10 070	
		OTHER SIMILAR					T: (650) 394-8869	AIN I Z	
PLE ON.		COORDINATION SYSTEMS WITH GENERAL CONT	ITECTURAL DRAWINGS FOR SIDEWALK SLABS AND DIMENSIONS. OF MECHANICAL, ELECTRICAL, PLUMBING, AND SITE UTILITY THE STRUCTURAL SYSTEM IS THE RESPONSIBILITY OF THE RACTOR. USE DETAILS ON SHEETS <u>SID1</u> THROUGH <u>SID5</u> . AT			CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA WALNUT CREEK, CA CONTACT: ERIC SW/ T: (925) 940-2200	94596	E 400
Ξ		STRUCTURAL EN MODIFICATIONS	HERE THESE DETAILS DO NOT APPEAR TO APPLY, NOTIFY THE NGINEER PRIOR TO INSTALLATION. AT CONDITIONS WHERE FIELD OF MECHANICAL, ELECTRICAL, PLUMBING, OR SITE UTILITIES FURAL SYSTEMS, NOTIFY STRUCTURAL ENGINEER PRIOR TO			GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST # OAKLAND, CA 94612 CONTACT: CATHERII T: (510) 879-4544		
.ND WN. D	7.	ENGINEER PRIO REVIEWED BY TI WEIGHTS SHOW SIZES AND WEIG	S AND LOCATIONS OF MECHANICAL UNITS WITH MECHANICAL IR TO PLACEMENT. UNITS VARYING OVER 10% IN WEIGHT SHALL BI HE STRUCTURAL ENGINEER PRIOR TO INSTALLATION (MECHANICA /N ARE MAXIMUM). CONTRACTOR TO VERIFY MECHANICAL UNIT GHTS AS INSTALLED PRIOR TO INSTALLATION OF SPECIAL FRAMING RRECT PLACEMENT UNDER CURBS, ETC. SEE <u>7/S104</u> .	L		MEP:	LIST ENGINEERING (2 HARRIS CT STE A7 MONTEREY, CA 9394 CONTACT: RON BLU T: (831) 373-4390	10	
	8.	PROVIDED BY TH LOADS. LEAVE IN FINAL STRUCTU	RACING DESIGN, MATERIALS AND INSTALLATION SHALL BE HE GENERAL CONTRACTOR, AND SHALL BE ADEQUATE FOR ALL N PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY AND UNTIL RAL CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL NSED CIVIL OR STRUCTURAL ENGINEER TO PROVIDE SHORING.			AUDIO/VISUAL	: SMITH FAUSE MCDO 351 8TH STREET SAN FRANCISCO, CA CONTACT: PETER M T: (415) 255-9140	A 94103	
	9.	SPECIAL INSPEC	CTIONS ARE REQUIRED PER <u>D/S001</u> AND THE TESTING AND RM.			ESTIMATOR:	MICROESTIMATION I 850 S. VAN NESS AVI SAN FRANCISCO, CA	E, #26	
NCY	10.	VEHICULAR TRA ALLOWED ADJAG WITHIN A HORIZ THE BOTTOM OF THE STRUCTUR/ HAND-OPERATE	FFIC, HEAVY EQUIPMENT AND MATERIAL STAGING SHALL NOT BE CENT TO ANY RETAINING/BASEMENT WALL, NEW OR EXISTING ONTAL DISTANCE EQUAL TO THE WALL HEIGHT MEASURED FROM FOOTING OR 5'-0" WHICHEVER IS GREATER, UNLESS APPROVED AL ENGINEER OR NOTED OTHERWISE. WITHIN THIS ZONE, ONLY ID EQUIPMENT ("WHACKERS", VIBRATORY PLATES, OR PNEUMATIC SHALL BE USED TO COMPACT THE BACKFILL SOILS.				CONTACT: HENRY TO T: (415) 826-9626		
	11.		BSERVATION PER CBC SECTION 1704.6 IS REQUIRED. NOTIFY ZFA ON SITE REVIEW OF:						
DR AND N		WOOD SHEA INCLUDING N COMPONEN	OOTING SIZE AND REINFORCING STEEL. AR WALLS, SHEAR PANELS AND FLOOR/ROOF DIAPHRAGMS, NAILING, BOLTING, ANCHORAGE AND OTHER FASTENING TO OTHE TS OF THE SEISMIC FORCE RESISTING SYSTEM. AL WOOD FRAMING.	R					
			FOR REVIEW PRIOR TO COVERING ABOVE LISTED WORK. PROVIDE AYS MINIMUM SCHEDULING NOTICE PRIOR TO REVIEW DATE.	2		0	DECODIDITION		
ND D OR	12.	FOR REVIEW AN PRIOR TO FABRI	ERING FOR DEFERRED APPROVAL ITEMS TO ARCHITECT/ENGINEE ID SUBMITTAL TO THE BUILDING DEPARTMENT FOR APPROVAL ICATION. DEFERRED APPROVAL ITEMS SHALL BE DESIGNED AND ANUFACTURER TO ACCOMMODATE HORIZONTAL AND VERTICAL	R	1 3 4	50% DESIGI 100% DESIC	DESCRIPTION RY SCHEMATIC PRICIN N DEVELOPMENT ON DEVELOPMENT		DATE 9/27/2021 11/19/2021 12/17/2021
ORT		MOVEMENTS AS REVIEW AND AP PRIOR TO SUBM CALCULATIONS PREPARED AND	NOTED IN STRUCTURAL DRAWINGS. GENERAL CONTRACTOR SHA PROVE DIMENSIONS AND DETAILS SHOWN ON THE SHOP DRAWIN ITTAL. MANUFACTURER TO PROVIDE DRAWINGS AND DESIGNED IN ACCORDANCE WITH THE CBC AND SPECIFICATIONS, SIGNED BY A CALIFORNIA LICENSED CIVIL OR STRUCTURAL THE FOLLOWING ITEMS, UNLESS NOTED OTHERWISE:	GS	5	PERMIT SU			4/01/2022
8 ZE ARE		RAILS, SUPP	STRUCTURAL DESIGN AND DRAWINGS OF ELEVATOR GUIDES, PORTS, ETC, SHALL BE PROVIDED BY THE ELEVATOR JRER/SUPPLIER. CONFORM TO CAL OSHA REQUIREMENTS.	7					
LL				TRUCTION	J	OB NO. 21479 KENS		CTION DIS	STRICT

PUBLIC SAFETY BUILDING DESCRIPTION GENERAL NOTES AND **SPECIFICATIONS**

ZFA STRUCTURAL ENGINEERS



C SHEAR WALL NOTES

1. PEN = PLYWOOD/OSB SHEATHING EDGE NAILING. BLOCK ALL UNSUPPORTED EDGES WITH 2x MATERIAL UNO. BLOCK EDGES WITH 3x MATERIAL WHERE NAILING IS 4"oc OR LESS. SEE <u>11/S103</u> FOR NAIL STAGGER AT ALL 3x.

- 2. FIELD NAILING TO BE 12"oc UNO.
- 3. ALL SHEATHING NAILS TO BE COMMON WIRE. SEE <u>E/S001</u> AND SPECIFICATIONS FOR OTHER NAIL REQUIREMENTS.
- 4. ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS ON PLANS TO HAVE SHEATHING AND PEN NAILING PER SHEAR WALL TYPE '<u>A'</u>.
- 5. SHEAR WALL LENGTHS, WHERE NOTED, ARE MINIMUM. DO NOT LOCATE HOLDOWNS FROM THESE DIMENSIONS. SAD FOR ACTUAL WALL LENGTHS.
- 6. HOLDOWN REFERS TO SIMPSON STRONG TIE CO. HOLDOWNS. INSTALL HOLDOWNS AND REQUIRED POSTS PER <u>8/S103</u> AND <u>9/S103</u>. SEE PLANS FOR OTHER REQUIREMENTS.
- 7. EDGE NAIL WALL SHEATHING TO STUDS OR POSTS WITH HOLDOWNS.
- 8. PORTIONS OF INTERIOR WALL SURFACES ADJACENT TO SPECIFIED SHEAR WALLS SHALL BE SHEATHED FOR THE FULL, UNINTERRUPTED LENGTH TO MATCH EXTERIOR WALLS OR WITH GYPSUM BOARD OF THE SAME THICKNESS TO PROVIDE AN EVEN WALL SURFACE FOR FINISH MATERIALS.
- 9. SHEAR WALLS MORE THAN ONE VERTICAL PANEL IN HEIGHT SHALL HAVE STAGGERED HORIZONTAL OR VERTICAL SPLICE JOINTS.
- 10. WHERE PANELS ARE APPLIED ON BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6"oc ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED.
- 11. ANCHOR BOLTS (AB) FOR SHEAR WALLS SHALL INCLUDE STEEL PLATE WASHERS, A MINIMUM OF 0.229 INCH BY 3 INCHES SQUARE IN SIZE, BETWEEN THE SILL PLATE AND NUT. THE HOLE IN THE PLATE WASHER IS PERMITTED TO BE DIAGONALLY SLOTTED WITH A WIDTH OF UP TO $\frac{3}{16}$ " LARGER THAN THE AB DIAMETER AND A SLOT LENGTH NOT TO EXCEED 1³/₄", PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT. PLATE WASHER TO EXTEND WITHIN $\frac{1}{2}$ " OF SHEAR WALL SHEATHING UNO. PROVIDE OVERSIZED PLATE WASHER OR OFFSET AB AS REQUIRED. AT DOUBLE-SIDED SHEAR WALLS, STAGGER AB AS REQUIRED. AB TO BE PLACED A MINIMUM OF 4¹/₂" AND A MAXIMUM OF 12" FROM ENDS OF ALL SILL PLATES AND AT NOTCHES IN SILL PLATES.
- 12. NO OPENINGS ARE ALLOWED IN SHEAR WALLS UNLESS SHOWN ON THE STRUCTURAL PLANS. OPENINGS NOTED ARE PER6/S103 . COORDINATE ANY OPENINGS NOT SHOWN WITH THE STRUCTURAL ENGINEER.

ADMINISTRATIVE REQUIREMENTS FOR ESSENTIAL SERVICE

THE ADMINISTRATIVE REQUIREMENTS SHALL BE MET IN ACCORDANCE WITH THE CALIFORNIA ADMINISTRATIVE CODE (CAC) CHAPTER 4; ARTICLES 1, AND 3 FOR NON-STATE OWNED OR STATE LEASED ESSENTIAL SERVICES BUILDINGS.

- 1. APPROVED PLANS AND SPECIFICATIONS PER CAC SECTION 4-207 APPROVED PLANS AND SPECIFICATIONS SHALL MEAN, PLANS, SPECIFICATIONS, ADDENDA AND CHANGE ORDERS WHICH HAVE BEEN DULY APPROVED BY THE APPROPRIATE ENFORCEMENT AGENCY PURSUANT TO SECTIONS 16013 AND 16016 OF THE HEALTH AND SAFETY CODE AND WHICH ARE IDENTIFIED BY A STAMP BEARING THE NAME OF THE ENFORCEMENT AGENCY, THE IDENTIFICATION NUMBER, THE DATE AND SIGNATURE OF THE QUALIFIED REVIEWER AS REQUIRED IN SECTION 16011 OF THE ESSENTIAL SERVICES BUILDING SEISMIC SAFETY ACT OF 1986 (ACT).
- 2. OBSERVATIONS OF WORK PER CAC SECTION 4-211 (a) THE OBSERVATION OF WORK OF CONSTRUCTION, RECONSTRUCTION, ALTERATION OR ADDITION SHALL BE UNDER THE GENERAL RESPONSIBLE CHARGE OF THE ARCHITECT, STRUCTURAL ENGINEER, CIVIL ENGINEER OR, UNDER CERTAIN CONDITIONS, A REGISTERED MECHANICAL OR ELECTRICAL ENGINEER FOR WORK INVOLVING ONLY THOSE RESPECTIVE BRANCHES OF ENGINEERING. A GEOTECHNICAL ENGINEER SHALL PROVIDE THE OBSERVATIONS FOR PLACEMENT OF FILLS AND SHALL SUBMIT A VERIFIED REPORT ATTESTING TO THE COMPLIANCE OF THE ENGINEERED FILL.
- PROJECT INSPECTOR PER CAC SECTION 4-211 (b) THE OWNER MUST PROVIDE FOR AND REQUIRE COMPETENT, ADEQUATE AND CONTINUOUS INSPECTION OF ALL CONSTRUCTION WORK BY A PROJECT INSPECTOR APPROVED FOR EACH INDIVIDUAL PROJECT BY THE ENFORCEMENT AGENCY.
- 4. SPECIAL INSPECTION PER CAC SECTION 4-211 (c) SPECIAL INSPECTION BY INSPECTORS SPECIALLY APPROVED BY THE ENFORCEMENT AGENCY MAY BE REQUIRED PER THE STATEMENT OF SPECIAL INSPECTION FORM AND AS SUMMARIZED PER D/S0.1.
- 5. SUPERVISION OF CONSTRUCTION BY THE ENFORCEMENT AGENCY PER CAC SECTION 4-212 DURING THE CONSTRUCTION, RECONSTRUCTION, REPAIR, ALTERATION OF OR ADDITION TO ANY ESSENTIAL SERVICES BUILDING, THE ENFORCEMENT AGENCY AS PROVIDED IN THE ACT SHALL MAKE SUCH SITE VISITS AND OBSERVATIONS AS IN ITS JUDGMENT IS NECESSARY OR PROPER FOR ENFORCEMENT OF THE ACT AND THE PROTECTION OF THE SAFETY OF THE OCCUPANT OF THE BUILDING AND THE PUBLIC.
- 6. TESTING PER CAC SECTION 4-213 (a) GENERAL. TESTS OF MATERIALS ARE REQUIRED AS SET FORTH IN THE APPROVED PLANS AND SPECIFICATIONS AND IN PART 2, TITLE 24, CCR AND D/S0.1. A LIST OF ALL REQUIRED TESTS OF MATERIALS AND OF ALL REQUIRED SPECIAL INSPECTIONS SHALL BE PREPARED AND SUBMITTED BY THE ARCHITECT, STRUCTURAL ENGINEER, OR CIVIL ENGINEER IN GENERAL RESPONSIBLE CHARGE OF THE PROJECT AT THE TIME THE PLANS AND SPECIFICATIONS ARE STAMPED FOR IDENTIFICATION BY THE ENFORCEMENT AGENCY.
- 7. VERIFIED REPORTS PER CAC SECTION 4-214 ALL PARTIES DEFINED IN SECTION 4-214 SHALL SUBMIT VERIFIED REPORTS TO THE ENFORCEMENT AGENCY. THESE REPORTS SHALL STATE THAT THE WORK DURING THE PERIOD COVERED BY THE REPORT HAS BEEN PERFORMED AND MATERIALS HAVE BEEN USED AND INSTALLED IN EVERY MATERIAL RESPECT IN COMPLIANCE WITH THE DULY APPROVED PLANS AND SPECIFICATIONS.
- 8. CHANGES IN THE APPROVED PLANS AND SPECIFICATIONS PER CAC SECTION 4-215 ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS EXCEPT WHERE DOCUMENTS AUTHORIZING CHANGES HAVE BEEN SUBMITTED BY THE RESPONSIBLE ARCHITECT OR REGISTERED ENGINEER TO THE ENFORCEMENT AGENCY FOR REVIEW AND APPROVAL. THESE DOCUMENTS SHALL DESCRIBE THE AUTHORIZED CHANGES, SHOW THE INCREASE OR DECREASE IN THE CONTRACT COST INVOLVED AND SHALL CONTAIN THE SIGNATURES OF THE RESPONSIBLE ARCHITECT OR REGISTERED ENGINEER AND SHALL BEAR THE APPROVAL STAMP OF THE ENFORCEMENT AGENCY.
- 9. FINAL CERTIFICATION OF COMPLIANCE PER CAC SECTION 4-216 THE CERTIFICATION OF COMPLIANCE FOR THE ESSENTIAL SERVICES BUILDING SHALL BE ISSUED BY THE ENFORCEMENT AGENCY WHEN THE PROJECT HAS BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS AS TO SAFETY OF DESIGN AND CONSTRUCTION WITH SECTION 16000-16023 OF THE HEALTH AND SAFETY CODE (ESSENTIAL SERVICES BUILDING SEISMIC SAFETY ACT) AND WITH THE REQUIREMENTS OF THE CAC. THE CERTIFICATION OF COMPLIANCE WILL BE EVIDENCED BY A LETTER OR A CERTIFICATE OF OCCUPANCY EACH OF WHICH SHALL CONTAIN A STATEMENT THAT THE BUILDING DESIGN AND REVIEW OF THE WORK OF CONSTRUCTION HAVE BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 16000 THROUGH 16023 OF THE HEALTH AND SAFETY CODE AND OF PART 1, TITLE 24, CCR. THE CERTIFICATE OF COMPLIANCE WILL BE DIRECTED TO THE OWNER OF THE ESSENTIAL SERVICES BUILDING.
- 10. DUTIES PER CAC 4-217 THROUGH 4-220 EACH PARTY, AS DEFINED IN THESE SECTIONS, SHALL COMPLY WITH THE DUTIES STATED IN EACH SECTION.

MATERIAL DATA

(INFORMATION SHOWN IS FOR STRUCTURAL DESIGN REFERENCE ONLY. SEE THE PROJECT SPECIFICATIONS FOR ALL MATERIAL SPECIFICATIONS.)

CONCRETE 28-DAY MINIMUM DESIGN STRENGTH: $F'_{c} = 3,000 \text{ PSI}$ FOUNDATIONS $F'_{c} = 3,000 \text{ PSI}$ DRILLED PIERS $F'_{c} = 3,000 \text{ PSI}$ INTERIOR SLAB ON GRADE

REINFORCING STEEL:

ASTM A615 GRADE 60 OR A706 GRADE 60 (F_y = 60,000 PSI)

STRUCTURAL STEEL (UNO): W SHAPES - ASTM A992 (Fy = 50,000 PSI) ANGLES, CHANNELS, AND PLATES - ASTM A36 (Fy = 36,000 PSI) RECTANGULAR HSS - ASTM A500 GRADE C (Fy = 50,000 PSI) ROUND HSS - ASTM A500 GRADE C (Fy = 46,000 PSI) PIPES - ASTM A53 GRADE B (Fy = 35,000 PSI)

FASTENERS:

MACHINE BOLTS SHALL BE ASTM A307 GRADE A HIGH STRENGTH BOLTS SHALL BE ASTM F3125 GRADE A325 OR F1852 UNO ANCHOR RODS SHALL BE ASTM F1554 GR 36 UNO ARC-WELDING ELECTRODES SHALL BE E70

WOOD BASE DESIGN STRESSES (UNO):

SAWN LUMBER MEMBER	SPECIES AND MINIMUM GRADE, UNO	F _b (PSI)	F_{v} (PSI)	E (PSI)
6x POSTS	DOUGLAS FIR - #1	1200	170	1.6x10 ⁶
6x BEAMS	DOUGLAS FIR - #1	1350	170	1.6x10 ⁶
4x POSTS & BEAMS	DOUGLAS FIR - #1	1000	180	1.7x10 ⁶
2x JOISTS, RAFTERS	DOUGLAS FIR - #2	900	180	1.6x10 ⁶
P MATERIAL	DOUGLAS FIR - #2	900	180	1.6x10 ⁶
2x STUDS	DOUGLAS FIR - #2	900	180	1.6x10 ⁶

GLUE-LAMINATED WOOD DESIGN STRESSES: F_{h} = 2,400 PSI, F_{v} = 265 PSI FOR SIMPLE SPAN BEAMS.

MANUFACTURED WOOD PRODUCTS:						
LVL (JOISTS)	F _b = 2,600 PSI	E = 2.0x10 ⁶ PSI				
LSL (BLOCKING, LEDGERS)	F _b = 1,700 PSI	E = 1.3x10 ⁶ PSI				
PSL (BEAMS, JOISTS)	F _b = 2,900 PSI	E = 2.2x10 ⁶ PSI				
PSL (POSTS)	$F_{c} = 2,500 \text{ PSI}$	E = 1.8x10 ⁶ PSI				
	(PARALLEL)					

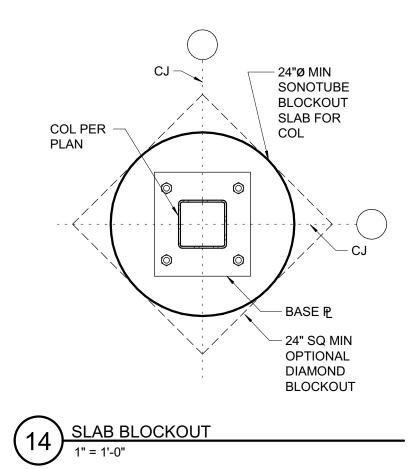
FOR METAL CONNECTOR DESIGNATION REFER TO SIMPSON STRONG-TIE PER SPECIFICATIONS.

EXISTING CONSTRUCTION NOTES

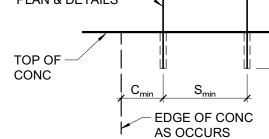
- 1. IN PREPARING THE PROJECT PLANS, THE SOURCE OF INFORMATION WAS BASED ON THE EXISTING BUILDING PLANS PREPARED BY, JEFFRIES LYONS AND HILL ARCHITECTS, DATED SEPTEMBER 19, 1969. THE CONTRACTOR SHALL VERIFY ALL EXISTING JOB CONDITIONS, REVIEW THE PLANS AND VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ALL DISCREPANCIES AND EXCEPTIONS BEFORE PROCEEDING WITH ANY WORK. DRAWINGS FOR THE EXISTING CONSTRUCTION ARE AVAILABLE FOR REVIEW.
- 2. ALL WORK NOT INDICATED AS EXISTING (E) SHALL BE ASSUMED TO BE NEW (N).
- 3. ANY REMOVAL, CUTTING, DRILLING, ETC OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE. SMALL TOOLS SHALL BE USED IN ORDER NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE STRUCTURE. IF STRUCTURAL MEMBERS OR MECHANICAL, ELECTRICAL, OR ARCHITECTURAL ELEMENTS NOT INDICATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ARCHITECT/ENGINEER SHALL BE IMMEDIATELY NOTIFIED AND PRIOR APPROVAL SHALL BE OBTAINED BEFORE REMOVAL OF THE MEMBERS.
- 4. DO NOT OVER CUT EXISTING WOOD, CONCRETE, MASONRY OR OTHER WORK TO REMAIN. CUTS SHALL BE MADE NEATLY TO A CORNER, THEN ALTERNATE MEANS SHALL BE USED TO REMOVE REMAINING MATERIAL. CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF OVER CUT MATERIAL AS DIRECTED BY THE ARCHITECT AND/OR ENGINEER.
- 5. EXISTING DAMAGED STRUCTURAL MEMBERS WHICH ARE UNCOVERED SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND REPAIR.
- 6. EXISTING CONCRETE SURFACE ABUTTING NEW CONCRETE SHALL BE ROUGHENED TO ¼" AMPLITUDE AND THOROUGHLY CLEANED OF DUST, LOOSE AGGREGATE, LAITANCE, ETC.
- 7. EXISTING REINFORCING AND/OR STEEL EMBEDS THAT ARE EXPOSED DURING DEMOLITION SHALL BE WIRE-BRUSHED AND FOREIGN MATERIAL REMOVED PRIOR TO PLACEMENT OF NEW CONCRETE.
- 8. REMODELING REQUIRES ASSUMPTIONS BE MADE REGARDING EXISTING CONDITIONS WHICH MAY NOT BE VERIFIABLE WITHOUT DESTROYING OTHERWISE ADEQUATE OR SERVICEABLE PORTIONS OF THE STRUCTURE. THIS ANALYSIS DOES NOT MAKE ANY GUARANTEE TO THE ADEQUACY OF THE STRUCTURAL DESIGN OF THE EXISTING BUILDING NOT SPECIFICALLY ADDRESSED IN THE STRUCTURAL CALCULATIONS. ZFA SHALL NOT BE RESPONSIBLE FOR UNSATISFACTORY PERFORMANCE OF EXISTING PORTIONS OF THE STRUCTURE NOT SPECIFICALLY ADDRESSED IN THE CONSTRUCTION DOCUMENTS.
- 9. DIFFERENTIAL SETTLEMENT BETWEEN NEW AND EXISTING CONSTRUCTION AT REMODEL OR ADDITION FOUNDATION INTERFACES CAN BE EXPECTED. ZFA SHALL NOT BE RESPONSIBLE FOR UNSATISFACTORY PERFORMANCE RESULTING FROM THESE CONDITIONS.

	4070 650.3	zfa.com 94.8869			
STAMP					
	MATT P. FRANTZ				
	^{ss} _INGTON AVE. IGTON, CA 9470	7			
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064				
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600				
STRUCTURAL:	ZFA STRUCTURAL ENGINEER 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869				
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 :: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140				
GEOTECH:					
MEP:					
AUDIO/VISUAL					
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626				
	DESCRIPTION RY SCHEMATIC PRICING SET	DATE 9/27/2021			
	N DEVELOPMENT SN DEVELOPMENT BMITTAL	11/19/2021 12/17/2021 4/01/2022			
	INGTON FIRE PROTECTION DIS	STRICT			
	AL NOTES AND ICATIONS				
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A	DHES	IVE ANG		2500 PSI	MIN CON	CRETE	
	ANC	HOR	PILOT	MIN	MIN EDGE	MIN	
ADHESIVE TYPE	THRD ROD	REBAR	HOLE	EMBED UNO H _{ef}	DISTANCE C _{min}	SPCG S _{min}	
	³∕8 "Ø	#3	1⁄2 "Ø	3"	1¾"	3"	H _{ef} + 2½"
	1⁄2 "Ø	#4	5∕8 "Ø	4"	1¾"	3"	H _{ef} + 31/8"
SIMPSON	5∕8 "Ø	#5	³∕₄ "Ø	5"	1 ³ ⁄4"	3"	H _{ef} + 3¾"
SET-XP (ICC-ESR	³∕₄ "Ø	#6	% "∅	6"	13⁄4"	3"	H _{ef} + 4 ³ / ₈ "
2508)	7∕8 "Ø	#7	1"Ø	7"	1 ³ ⁄4"	3"	H _{ef} + 4"
,	1"Ø	#8	11⁄8 "Ø	8"	1¾"	3"	H _{ef} + 5 ⁵ ⁄ ₈ "
	1¼"Ø	#10	1¾" Ø	10"	2¾"	6"	H _{ef} + 6%"
	³∕8 "Ø	N/A	7∕16 "Ø	3"	1 ³ ⁄4"	1%"	
	N/A	#3	1⁄2 "Ø	3"	1 ³ ⁄4"	1%"	
HILTI HIT-	1∕₂ "ø	N/A	⁰∕16 "Ø	4"	1¾"	2½ "	H _{ef} + 1¼"
HY 200R	N/A	#4	5∕8 "Ø	4"	1¾"	2½ "	
(ICC-ESR	5∕8 "Ø	#5	¾ "Ø	5"	1¾"	31⁄8"	H _{ef} + 1½"
3187)	³∕₄ "ø	#6	7∕8 "Ø	6"	1¾"	3¾"	H _{ef} + 1 ³ ⁄ ₄ "
	7∕8 "Ø	#7	1"Ø	7"	1¾"	4 ³ ⁄8"	H _{ef} + 2"
	1"Ø	#8	1⅓"ø	8"	1 ³ ⁄4"	5"	H _{ef} + 2¼"
	N/A	#9	1 %"Ø	9"	1 ³ ⁄4"	5%"	11 . 03/ "
	1¼ "ø	N/A	1 ¾"ø	10"	1 ³ ⁄4"	6¼"	− H _{ef} + 2¾"
	N/A	#10	1½"ø	10"	1¾"	6¼"	H _{ef} + 3"



1. INSTALL ADHESIVE ANCHORS PER MANUFACTURER'S INFORMATION AND ICC

ARE IN ACCORDANCE W/ SCHEDULE PRIOR TO INSTALLING ANCHOR.

THE ICC REPORTS. THE SPECIAL INSPECTOR SHALL PERFORM

SPACING(S), CONCRETE THICKNESS, AND ADHESIVE INJECTION.

ADHESIVE ANCHOR IN CONCRETE

2. CONTRACTOR TO VERIFY MINIMUM EDGE DISTANCES, SPACING, AND THICKNESS

3. HOLES TO BE DRILLED W/ ROTARY DRILL ONLY. WHEN DRILLING HOLES IN EXISTING

EXISTING REINFORCING BARS. MAINTAIN A REASONABLE CLEARANCE BETWEEN

4. SPECIAL INSPECTION IS REQUIRED PER SECTION 1705 AND THE REQUIREMENTS OF

PERIODIC/CONTINUOUS INSPECTION IN ACCORDANCE WITH TABLE 1705.3. THE

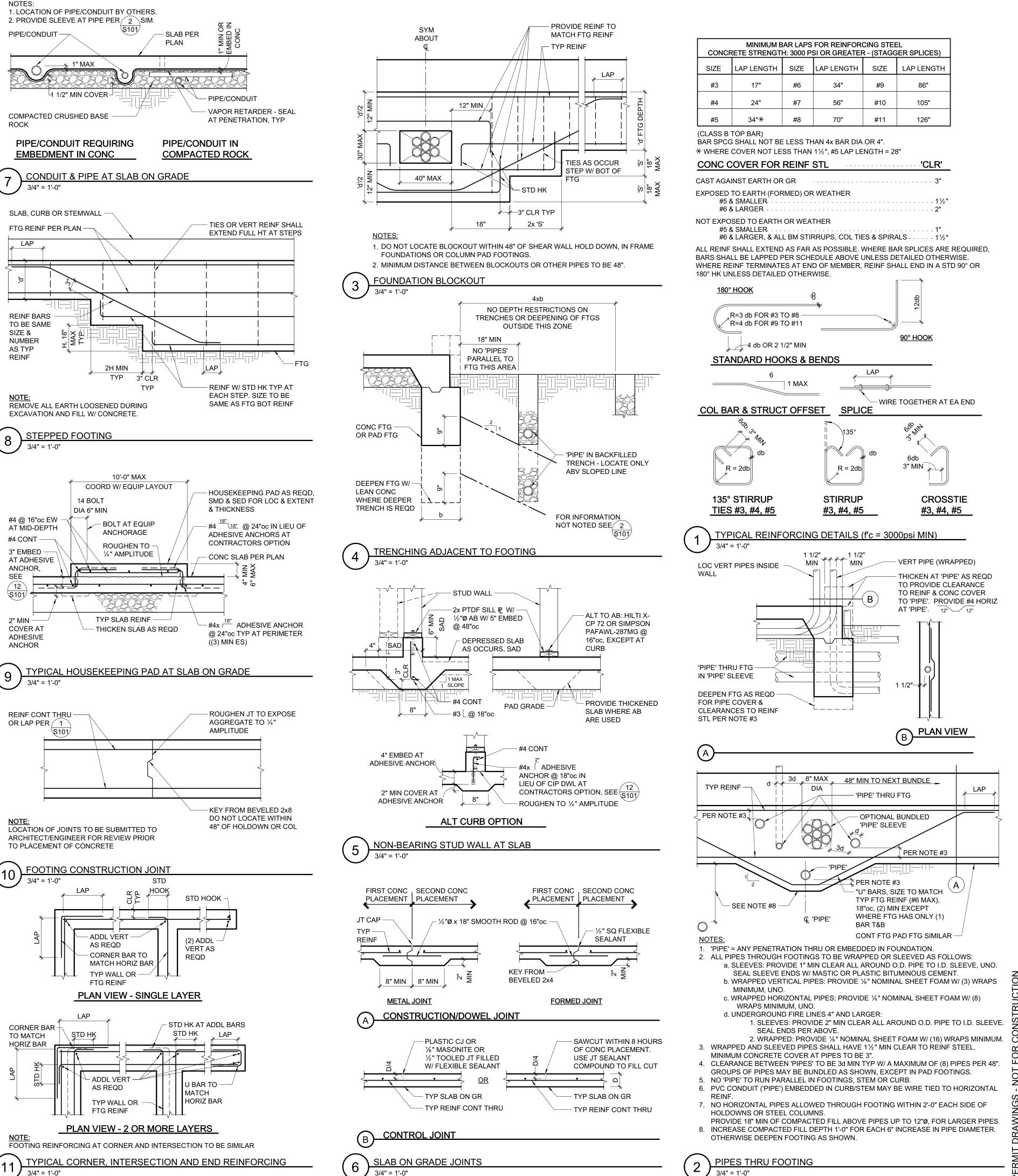
STRENGTH, DRILL BIT DIAMETER, HOLE DEPTH, EDGE DISTANCE(S), ANCHOR

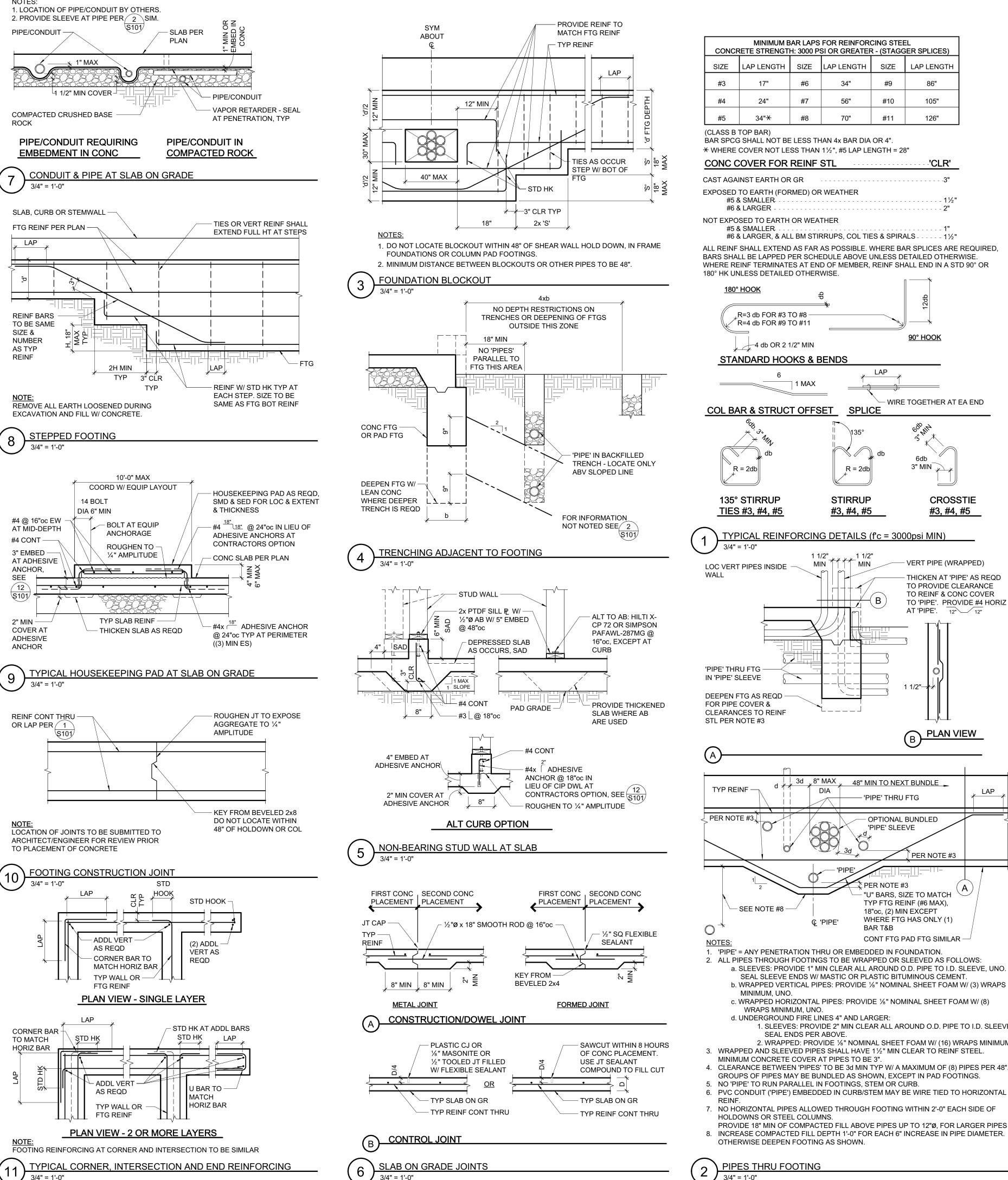
SPECIAL INSPECTOR SHALL INSPECT ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE

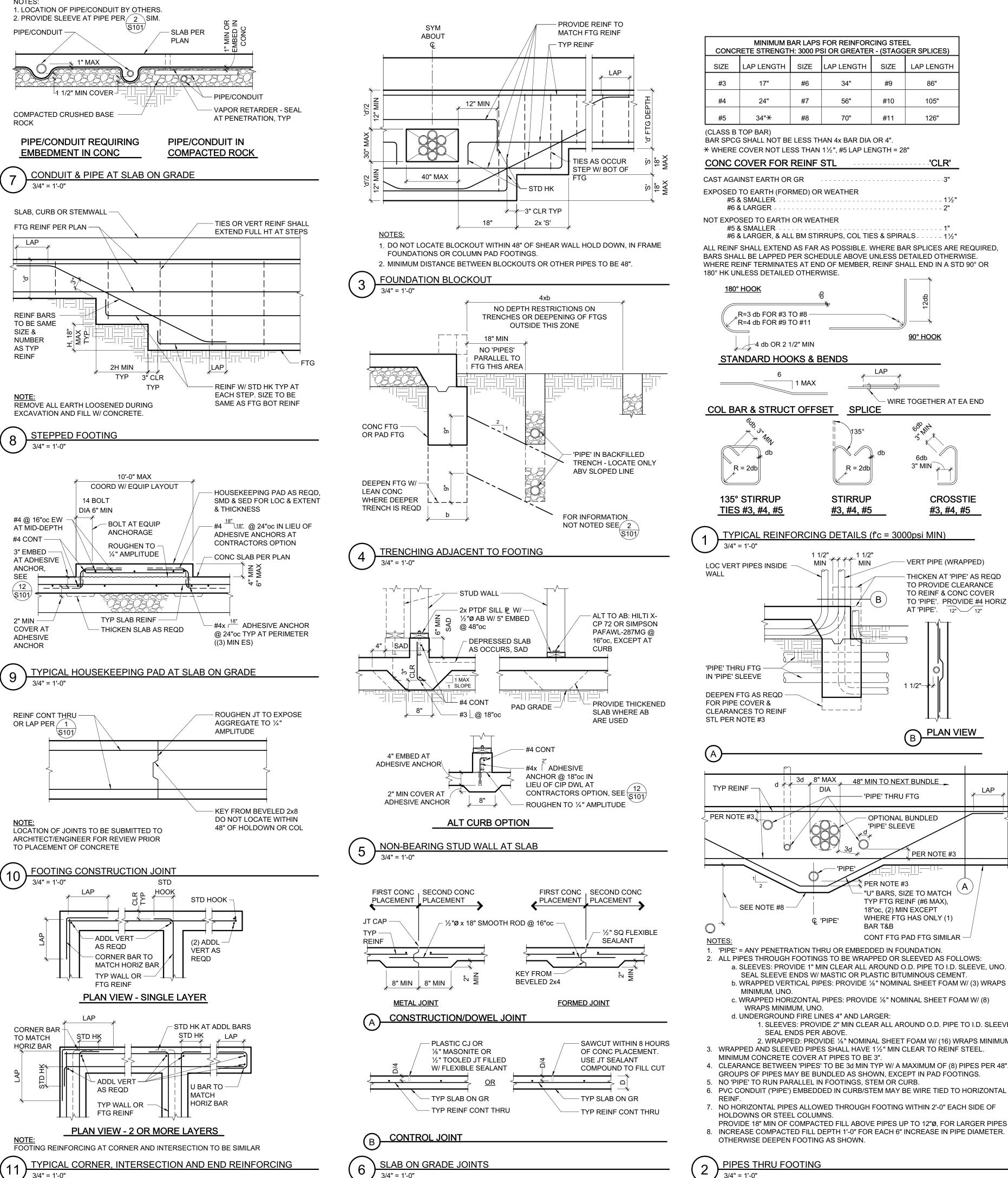
CLEANLINESS, EMBEDMENT DEPTH, CONCRETE TYPE, CONCRETE COMPRESSIVE

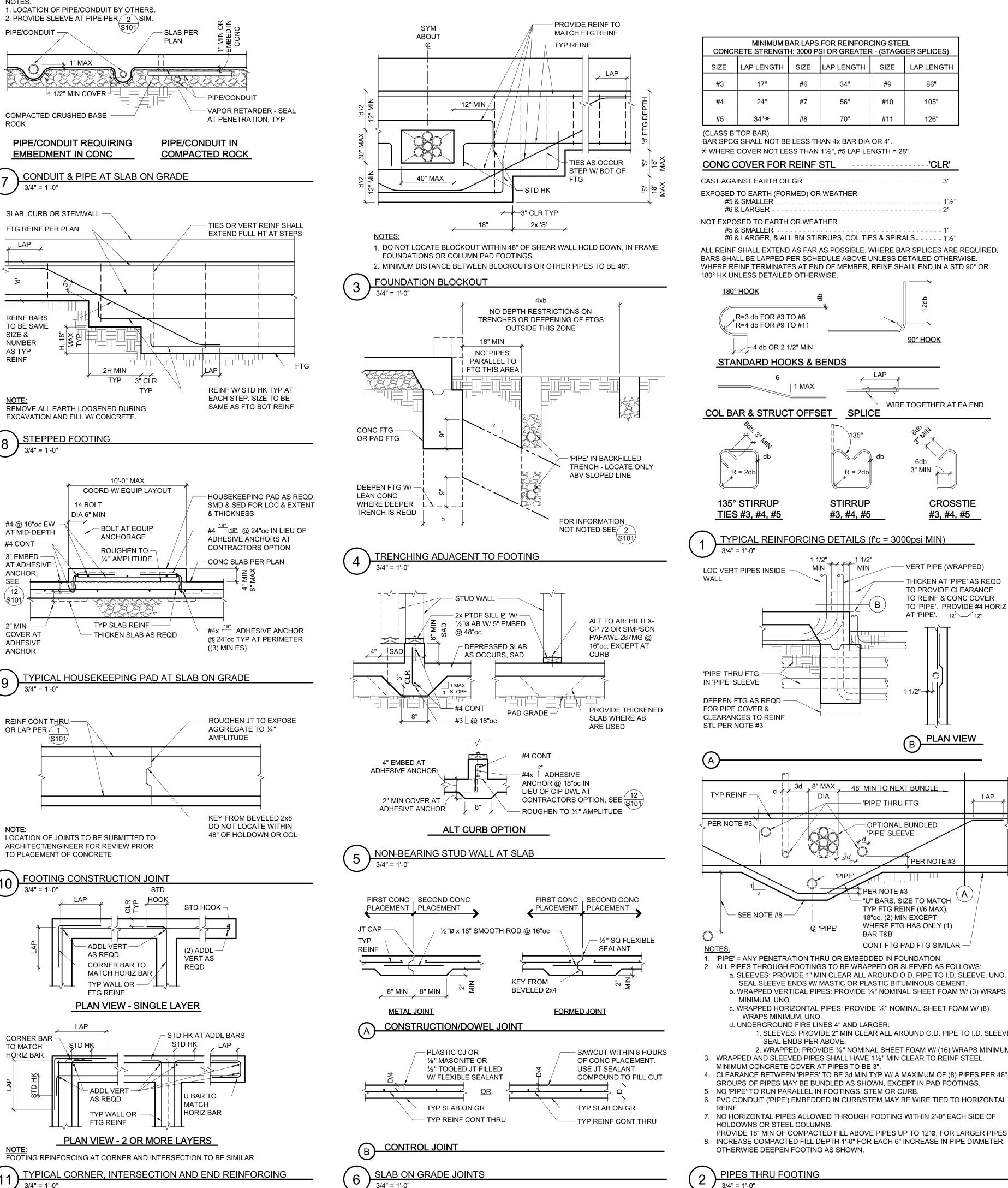
REINFORCEMENT AND THE DRILLED-IN ANCHOR. FILL ABANDONED HOLES W/ HIGH

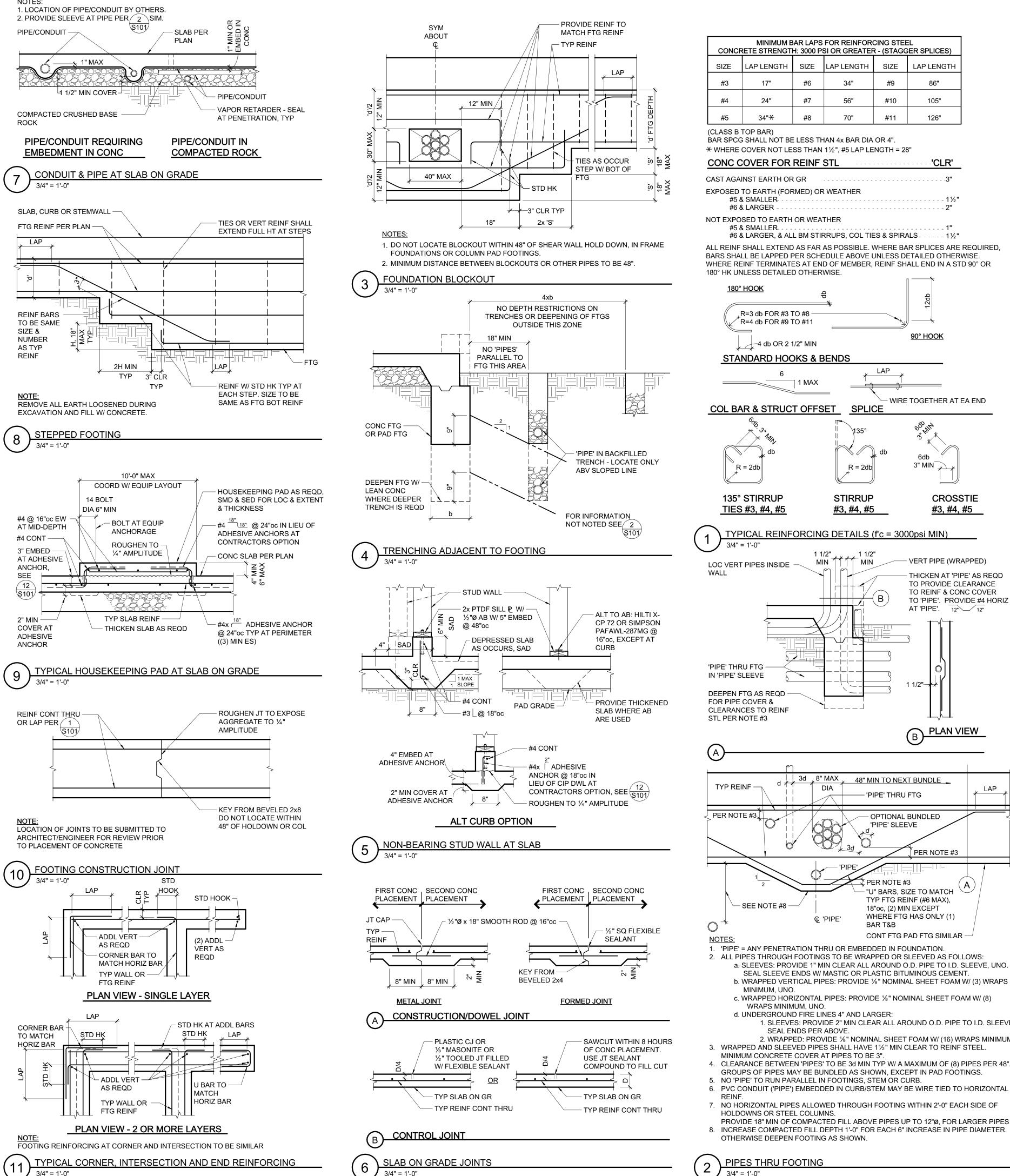
CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE

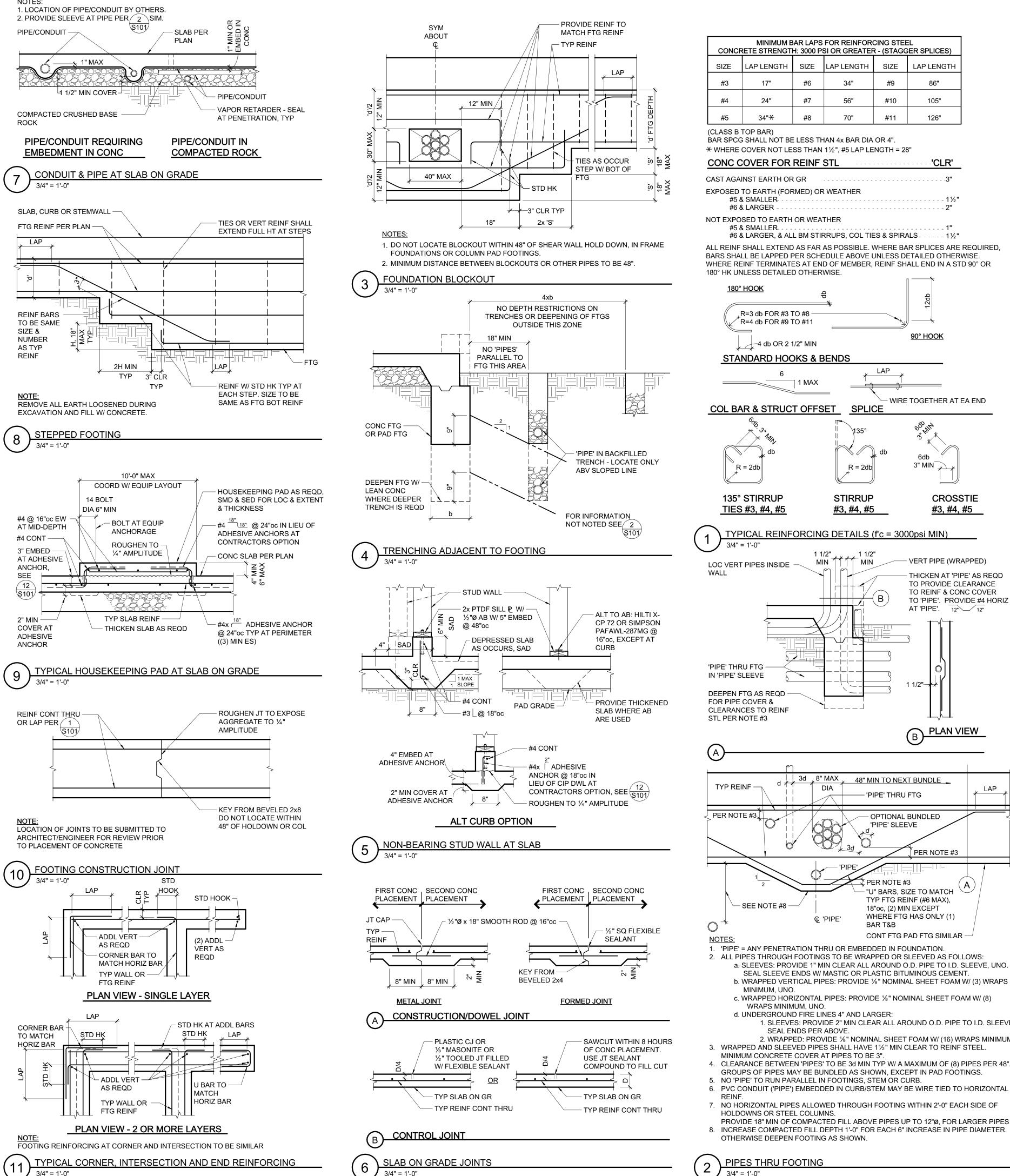


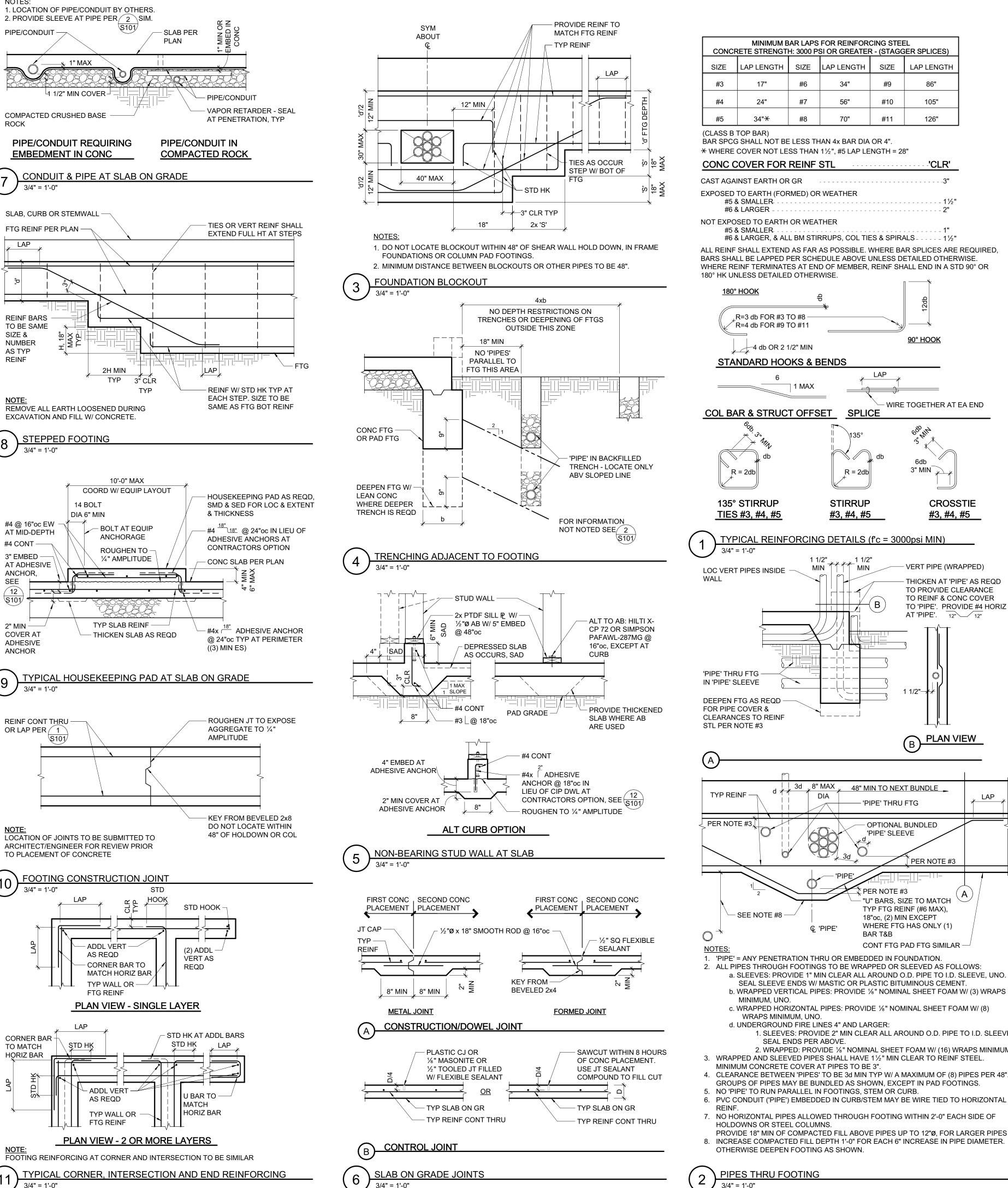


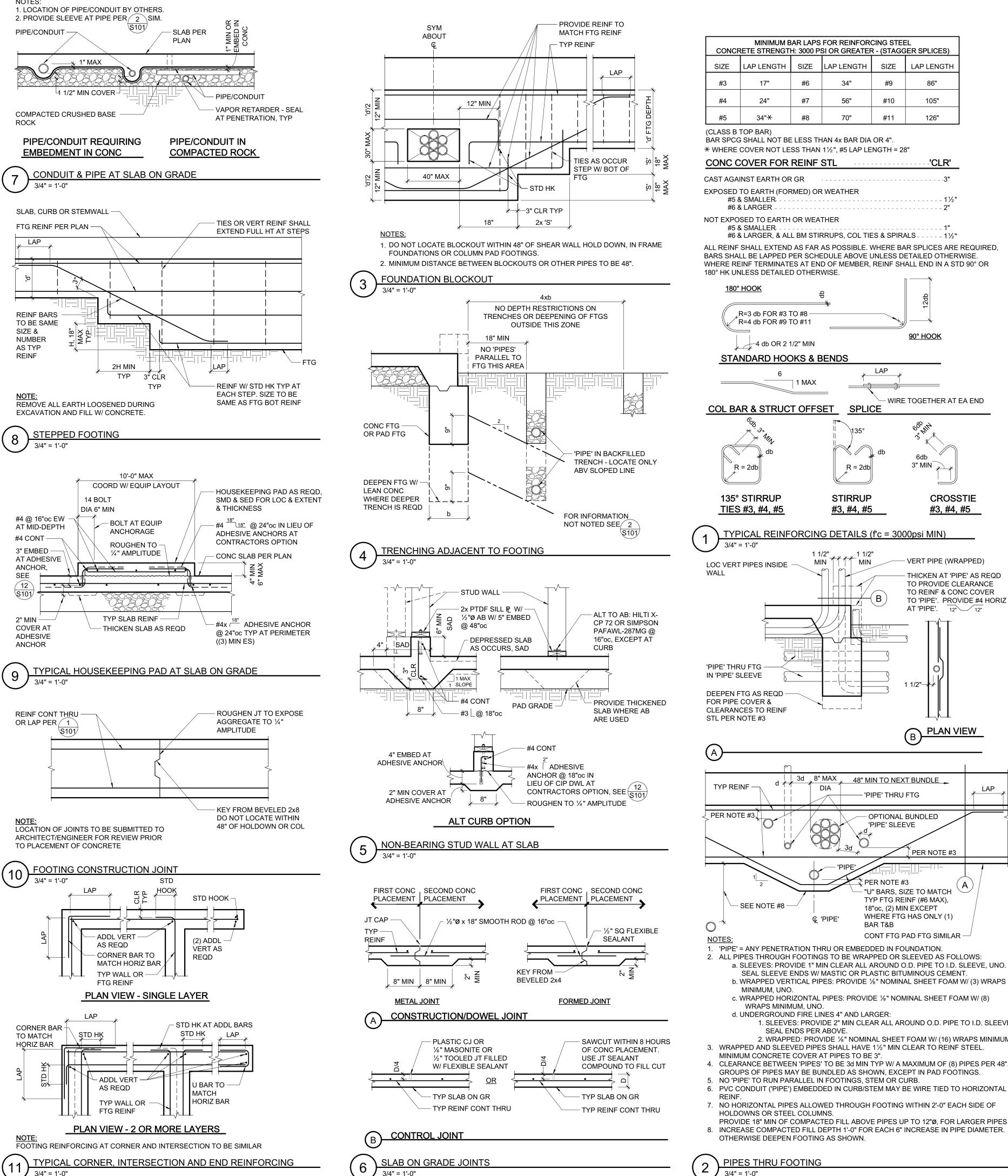


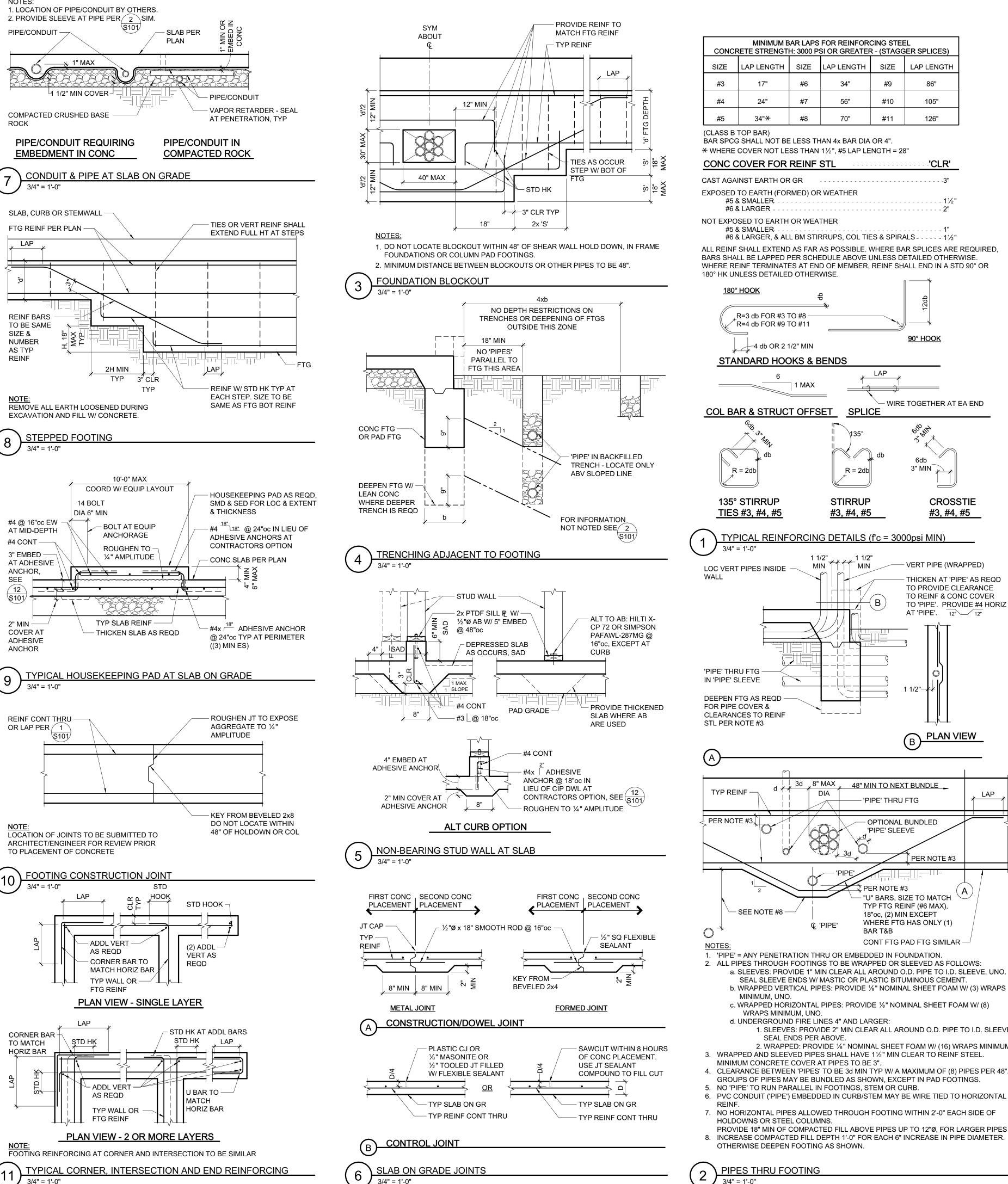


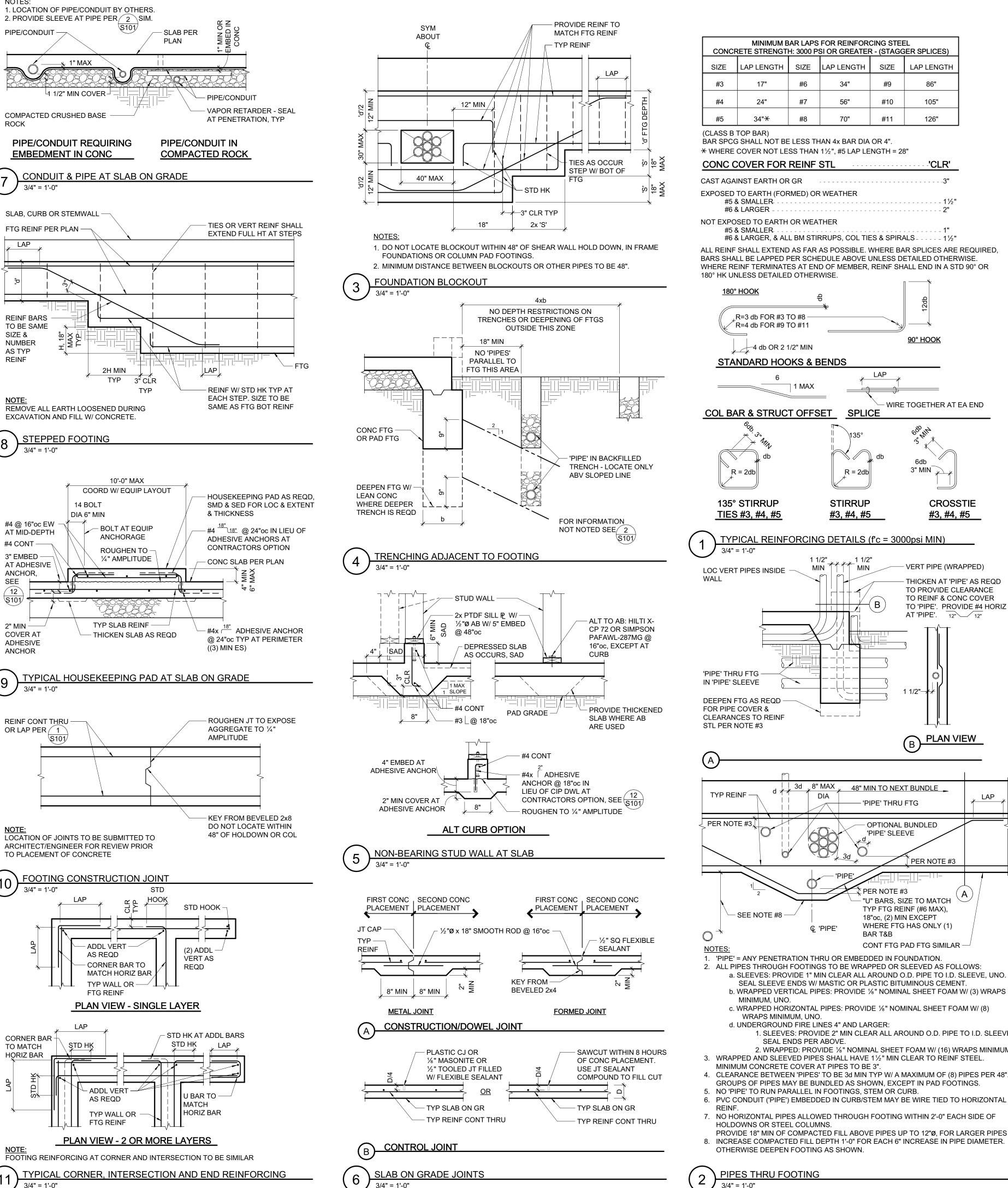












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NOTE: FOOTII

NCHOR TYPE	ANCHOR AND PILOT HOLE DIA	MINIMUM EMBEDMENT H _{nom}	MINIMUM EDGE DIST C _{min}	MINIMUM SPCG S _{min}	MINIMUM CONCRETE THICKNESS H _{min}	MINIMUM INSTALL TORQUE (FT-LB)	MAXIMUN INSTALL TORQUE (FT-LB)	
	1/4"	1%"	1½"	1½"	3¼"	10	24	
	³ /8"	21⁄2"	1¾"	3"	4"	10	50	
	1⁄2"	3¼"	1¾"	3"	5"	10	65	
TEN HD CC-ESR 2713)	⁵ ⁄8"	4"	1¾"	3"	6"	10	100	
2713)	3⁄4"	5½"	1¾"	3"	8¾"	20	150	
	1⁄4"	1%"	1½"	1½"	3¼"	10 10 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10	18	
ын ті	³ ⁄8"	21⁄2"	1½"	3"	4"	10	40	
IMPSON $1/4$ " $1/8$ " $1/2$ " $1/2$ " $1/2$ " $3/8$ " $21/2$ " $13/4$ " 3 " $3/8$ " $21/2$ " $13/4$ " 3 " $1/2$ " $31/4$ " $13/4$ " 3 " $1/2$ " $31/4$ " $13/4$ " 3 " 2713) $3/4$ " $51/2$ " $13/4$ " 3 " 2713) $3/4$ " $51/2$ " $13/4$ " 3 " $4/4$ " $15/8$ " 4 " $13/4$ " 3 " $1/4$ " $15/8$ " $11/2$ " $11/2$ " 3 " $1/4$ " $15/8$ " $11/2$ " 3 " $11/2$ " 3 " HILTI $1/4$ " $15/8$ " $11/2$ " 3 " 3 " KH-EZ $5/8$ " $31/4$ " $13/4$ " 3 " 3 " 3027) $3/4$ " 4 " $13/4$ " 4 "	3"	4¾"	10	45				
	⁵ ⁄8"	3¼"	1¾"	4"	5"	10	85	
3027)	3⁄4"	4"			6"	20	95	
	³ / ₆ "Ø OVS HOLE AT STL THICKER THAN 12GA (½") MAX ½ ₆ "Ø OVS							

SCREW ANCHOR IN 2500 PSI MIN CONCRETE

ANCHOR PER PLAN & -		n		GA (1⁄8") MAX 1⁄16' DTHERWISE
TOP OF CONC		<u>utrumu</u> u 100	Hnom	HOLE DEPTH
EDGE OF CONC — AS OCCURS		S _{min}		*
e.	Ň	- 1		

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REPORT.

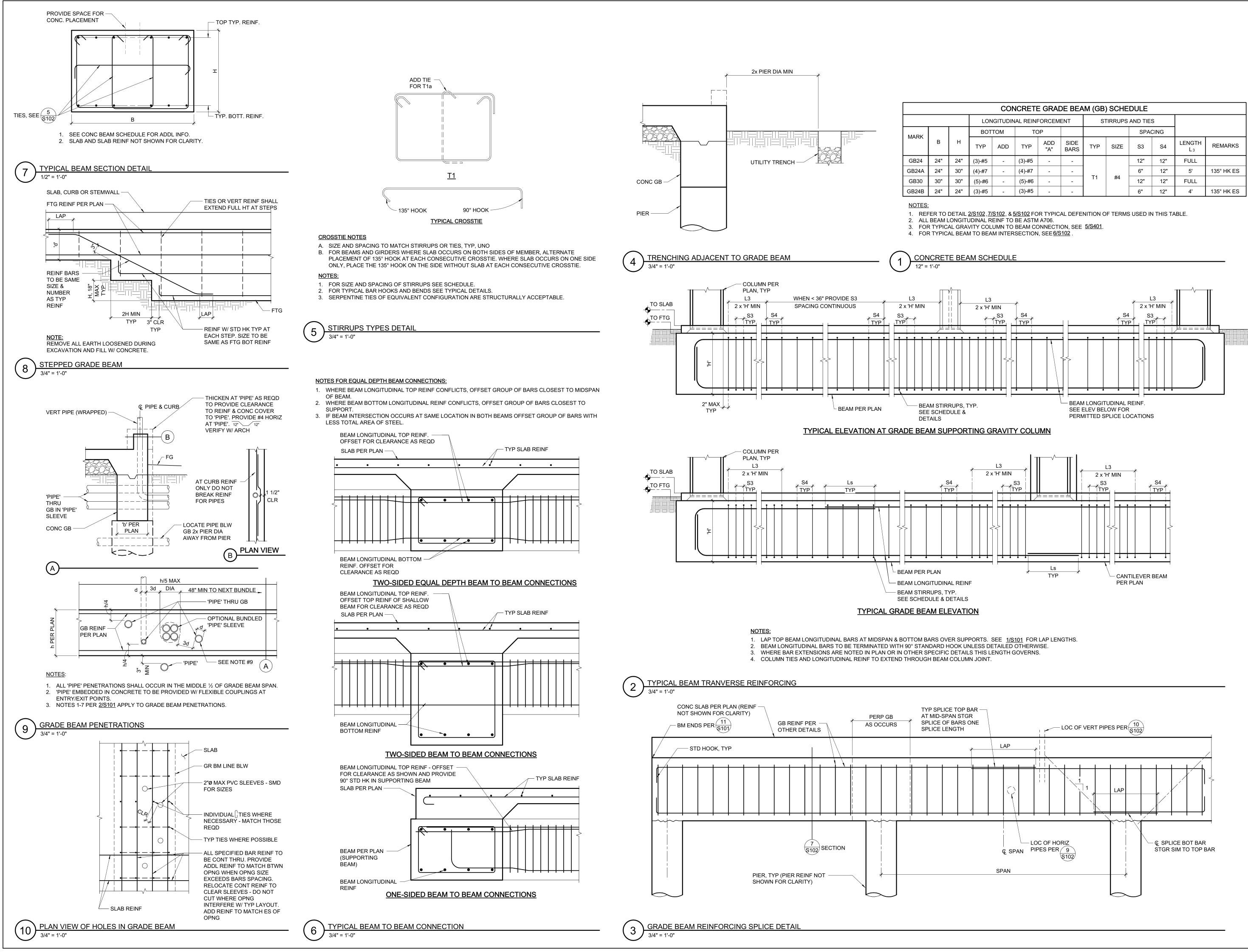
STRENGTH GROUT.

3/4" = 1'-0"

- 1. INSTALL SCREW ANCHORS PER MANUFACTURER'S INFORMATION AND ICC REPORT INSTRUCTIONS. SPECIAL INSPECTION IS REQUIRED PER SECTION 1705 OF THE CBC AND THE REQUIREMENTS OF THE ICC REPORTS. INSTALLED ANCHORS SHALL BRING CONNECTED PLIES INTO FIRM CONTACT, MEETING THE INSTALL TORQUE BUT NOT EXCEEDING THE MAXIMUM INSTALL TORQUE.
- 2. CONTRACTOR TO VERIFY MINIMUM EDGE DISTANCES, SPACING AND THICKNESS ARE IN ACCORDANCE W/ SCHEDULE PRIOR TO INSTALLING ANCHOR.
- 3. HOLES TO BE DRILLED W/ ROTARY DRILL ONLY. WHEN INSTALLING DRILLED-IN ANCHORS IN EXISTING REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A REASONABLE CLEARANCE BETWEEN REINFORCEMENT AND THE DRILLED-IN ANCHOR. FILL ABANDONED HOLES W/ HIGH STRENGTH GROUT.
- 4. THE SPECIAL INSPECTOR SHALL PERFORM PERIODIC/CONTINUOUS INSPECTION IN ACCORDANCE WITH TABLE 1705.3. THE SPECIAL INSPECTOR SHALL INSPECT ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE CLEANLINESS, EMBEDMENT DEPTH, CONCRETE TYPE, CONCRETE COMPRESSIVE STRENGTH, DRILL BIT DIAMETER, HOLE DEPTH, EDGE DISTANCE(S), ANCHOR SPACING(S), CONCRETE THICKNESS, AND TIGHTENING TORQUE.

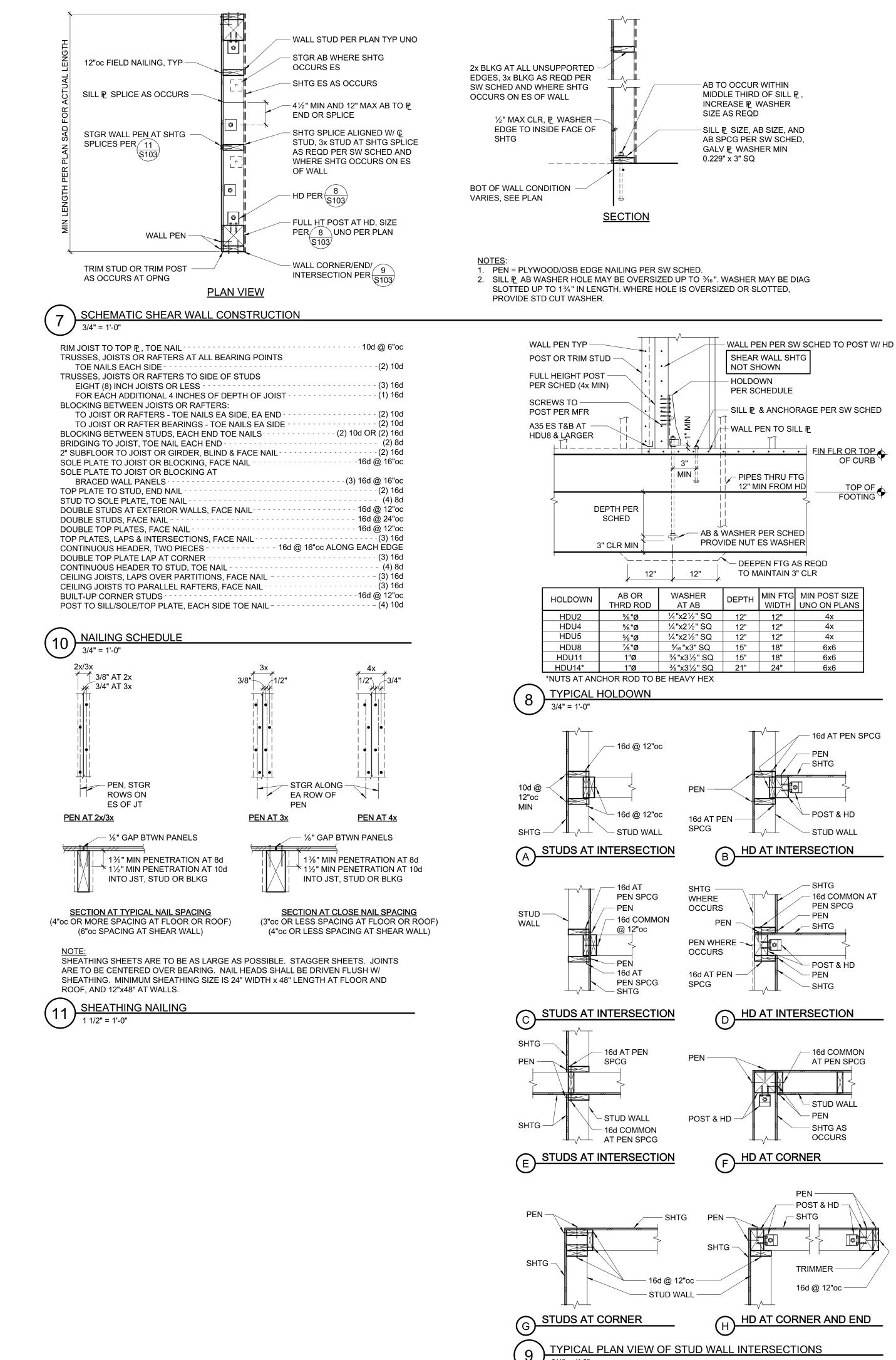
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12)	SCREW ANCHOR IN CONCRE
13/	SCREW ANCHOR IN CONCRE 3/4" = 1'-0"

		zfa.com 94.8869			
STAMP	MATT P. FRANTZ STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL				
	^{ss} _INGTON AVE. IGTON, CA 9470)7			
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064				
ARCHITECT:	930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR				
STRUCTURAL:	T. (415) 522-0600 : ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 : SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140				
CIVIL:					
GEOTECH:					
MEP:					
AUDIO/VISUAL					
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626				
	DESCRIPTION RY SCHEMATIC PRICING SET	DATE 9/27/2021 11/19/2021			
4 100% DESIG 5 PERMIT SUE	IN DEVELOPMENT BMITTAL	12/17/2021 4/01/2022			
	INGTON FIRE PROTECTION DI IC SAFETY BUILDING	STRICT			
DESCRIPTION TYPICA DETAIL	L CONCRETE S				
	S101				

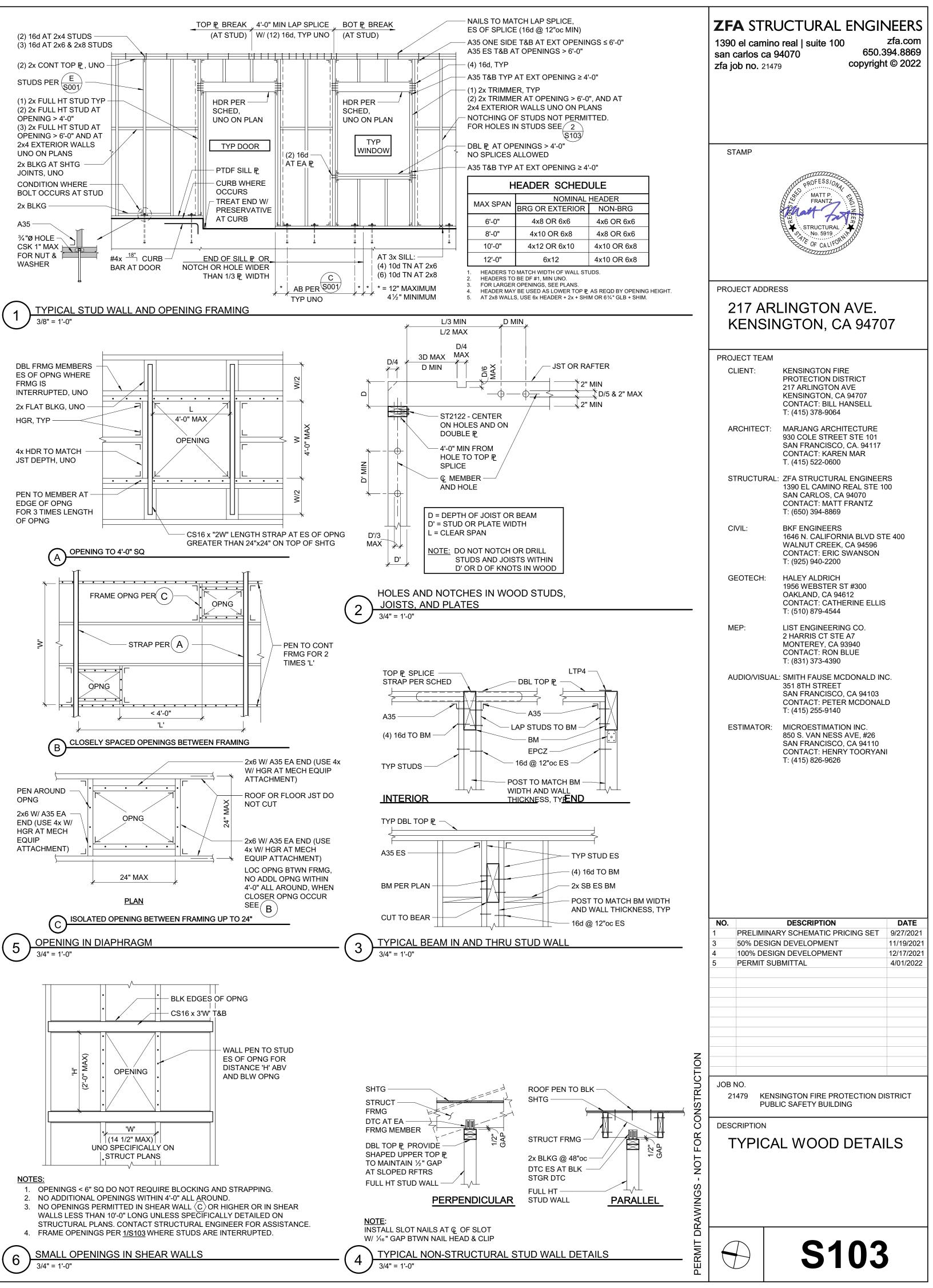


	1390 el camino san carlos ca 9	-070	zfa.com 94.8869
	zfa job no. 21479 STAMP	, copyright	. © 2022
		MATT P FRANTZ STRUCTURAL STRUCTURAL STRUCTURAL P FRANTZ STRUCTURAL P FRANTZ STRUCTURAL STRUCTURAL P FRANTZ STRUCTURAL STRUCTURAL	
		₅s LINGTON AVE. IGTON, CA 9470	7
	PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
	ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
		ZFA STRUCTURAL ENGINEER 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
	CIVIL: GEOTECH:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 HALEY ALDRICH	E 400
	MEP:	1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 LIST ENGINEERING CO. 2 HARRIS CT STE A7	
	AUDIO/VISUAL:	MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103	с.
	ESTIMATOR:	CONTACT: PETER MCDONALI T: (415) 255-9140 MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	
	3 50% DESIGN	DESCRIPTION RY SCHEMATIC PRICING SET I DEVELOPMENT N DEVELOPMENT BMITTAL	DATE 9/27/2021 11/19/2021 12/17/2021 4/01/2022
STRUCTION		INGTON FIRE PROTECTION DI	STRICT
PERMIT DRAWINGS - NOT FOR CONSTRUCTION	DESCRIPTION	L CONCRETE BEAM DETAILS	
PERMIT DR.		S102	

CONCRETE GRADE BEAM (GB) SCHEDULE									
IGITUDINAL REINFORCEMENT STIRRUPS AND TIES									
ТОМ ТОР				SPACING					
ADD	TYP	ADD "A"	SIDE BARS	TYP	SIZE	S3	S4	LENGTH L ₃	REMARKS
-	(3)-#5	-	-			12"	12"	FULL	
-	(4)-#7	-	-			6"	12"	5'	135° HK ES
-	(5)-#6	-	-	T1	#4	12"	12"	FULL	
-	(3)-#5	-	-			6"	12"	4'	135° HK ES



3/4" = 1'-0"



MECH UNIT

CONNECT UNIT TO CURB PER MFR PROVIDE 18GA Z CLIP W/ (4) #10 TEK SCREWS TO MECH UNIT & (4) #10 TEK SCREWS TO CURB ALL SIDES, MIN

¼ "øx3" LAG BOLT @ 9"oc & — 6" FROM ENDS (MIN (7) ES). MIN (3) ES AT UNITS LESS THAN 300LB

1 1/2" = 1'-0"

SIM AT LOW BM END

NOTES

SIZE INFORMATION. 8 3/4" = 1'-0"

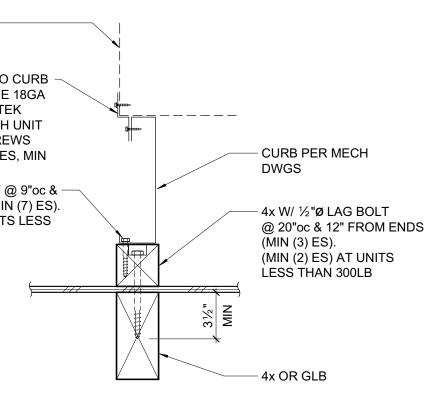
A35 ES T&B AT HDU8 & LARGER

P WASHER PER SCHED -

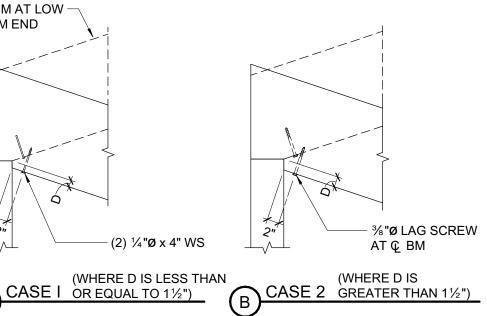
9) 3/4" = 1'-0"

A35 ES T&B AT HDU8 & LARGER FLR FRMG -FLR SHTG -A35 ES T&B AT HDU8 & LARGER POST ABV & BLW

(10) <u>TYPICAL</u> 3/4" = 1'-0"

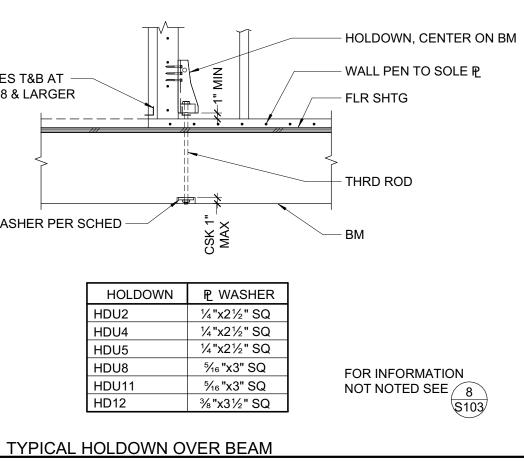


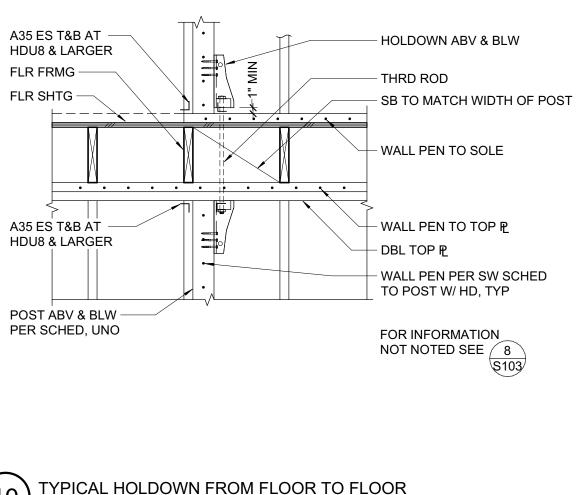
MECHANICAL CURB DETAIL ABOVE 4x OR GLB



1. DO NOT OVERCUT NOTCHES OR SEAT CUTS. 2. D MAX = BEAM DEPTH/4 SEE OTHER DETAILS FOR ADDITIONAL NOTCH OR SEAT CUT 3. MINIMUM LAG SCREW LENGTH = D + $2\frac{1}{2}$ ".

BEAM SEAT CUT/NOTCH REINFORCEMENT



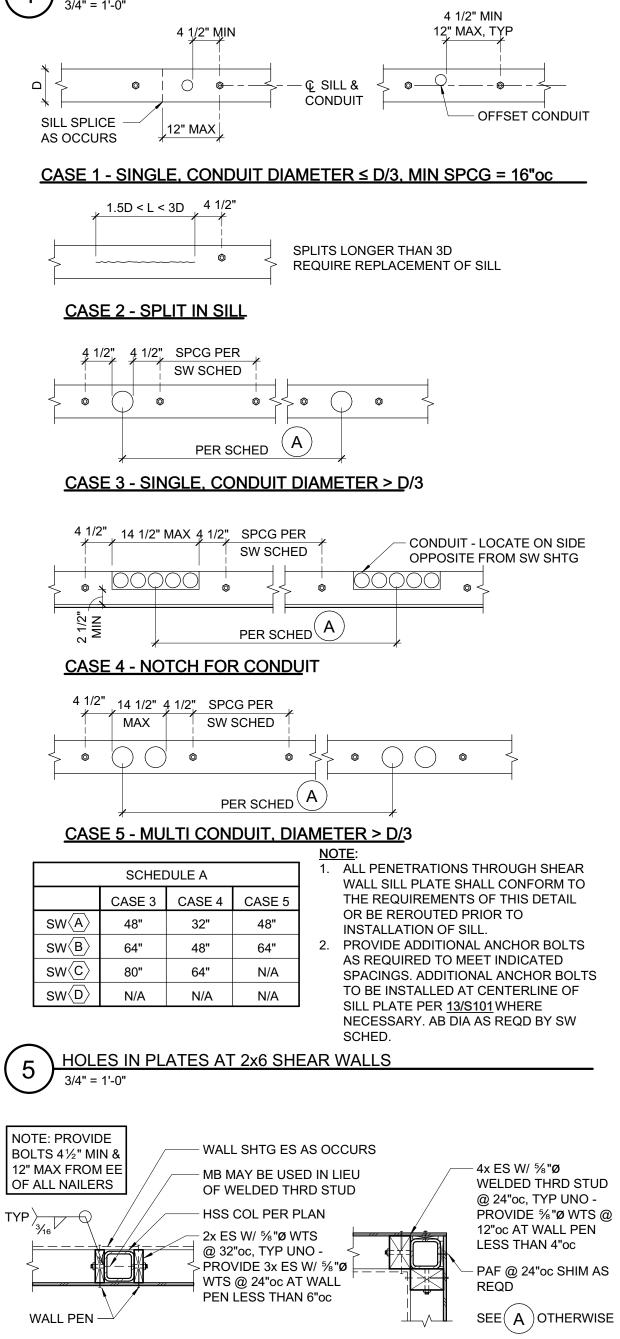


	CEILING	JOIST SCH	HEDULE
MAX SPAN	JOIST SIZE	HANGER IF REQUIRED	LEDGER IF REQUIRED
9'-0"	2x4 @ 16"oc	LU24	2x4 W/ (2) 16d @ 16"oc
12'-6"	2x6 @ 16"oc	LU26	2x6 W/ (3) 16d @ 16"oc
14'-0"	2x8 @ 16"oc	LU28	2x8 W/ (4) 16d @ 16"oc
19'-0"	2x10 @ 16"oc	LU210	2x10 W/ (5) 16d @ 16"oc
NOTES:			

1. CEILING JOIST SCHEDULE IS BASED ON LL = 10 psf.

- 2. WHERE LEDGERS ARE NAILED THROUGH WALL SHTG, USE 20d NAILS IN LIEU OF 16d NAILS.
- PROVIDE MIDSPAN BLOCKING AT 2x10 JOISTS.

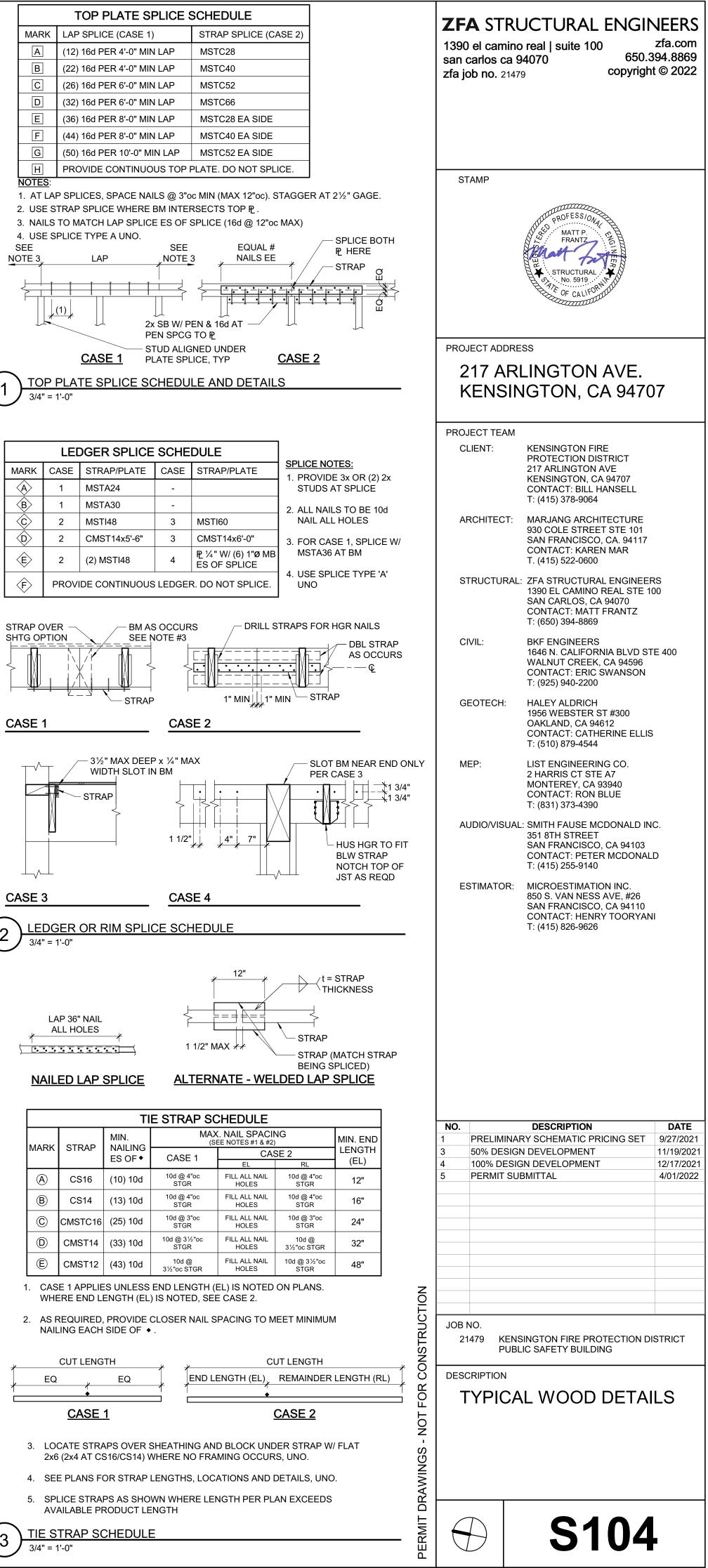
CEILING JOIST SCHEDULE 3/4" = 1'-0"



HSS COLUMN AT CORNER HSS COLUMN WITHIN WALL - 3x W/ 5⁄8 "Ø WELDED THRD STUD @ 32"oc, CSK (1" MAX) , TYP UNO — 2x OR 3x ES MAX 1 BLKS WHERE REQUIRED ALIGN — 2x TRIM STUD, W/ NAILER ABV SAD FOR END OF – 2x UNO, CSK NOT WALL LOC PERMITTED AT 2x SEE(**A**)OTHERWISE SEE(**A**)OTHERWISE HSS COLUMN AT END OF WALL WIDE FLANGE NAILER (CHANNEL & HSS SIM) (EDGE OF OPNG SIM)

TYPICAL STEEL BEAM/COLUMN NAILERS

3/4" = 1'-0"





SEAL WELD

TYPICAL CAP PLATE 9 3/4" = 1'-0"

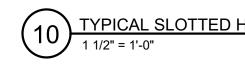
OVER SLOT DUE TO KNIFE 🖻 GEOMETRY FOR USE ONLY WHERE SPECIFICALLY NOTED

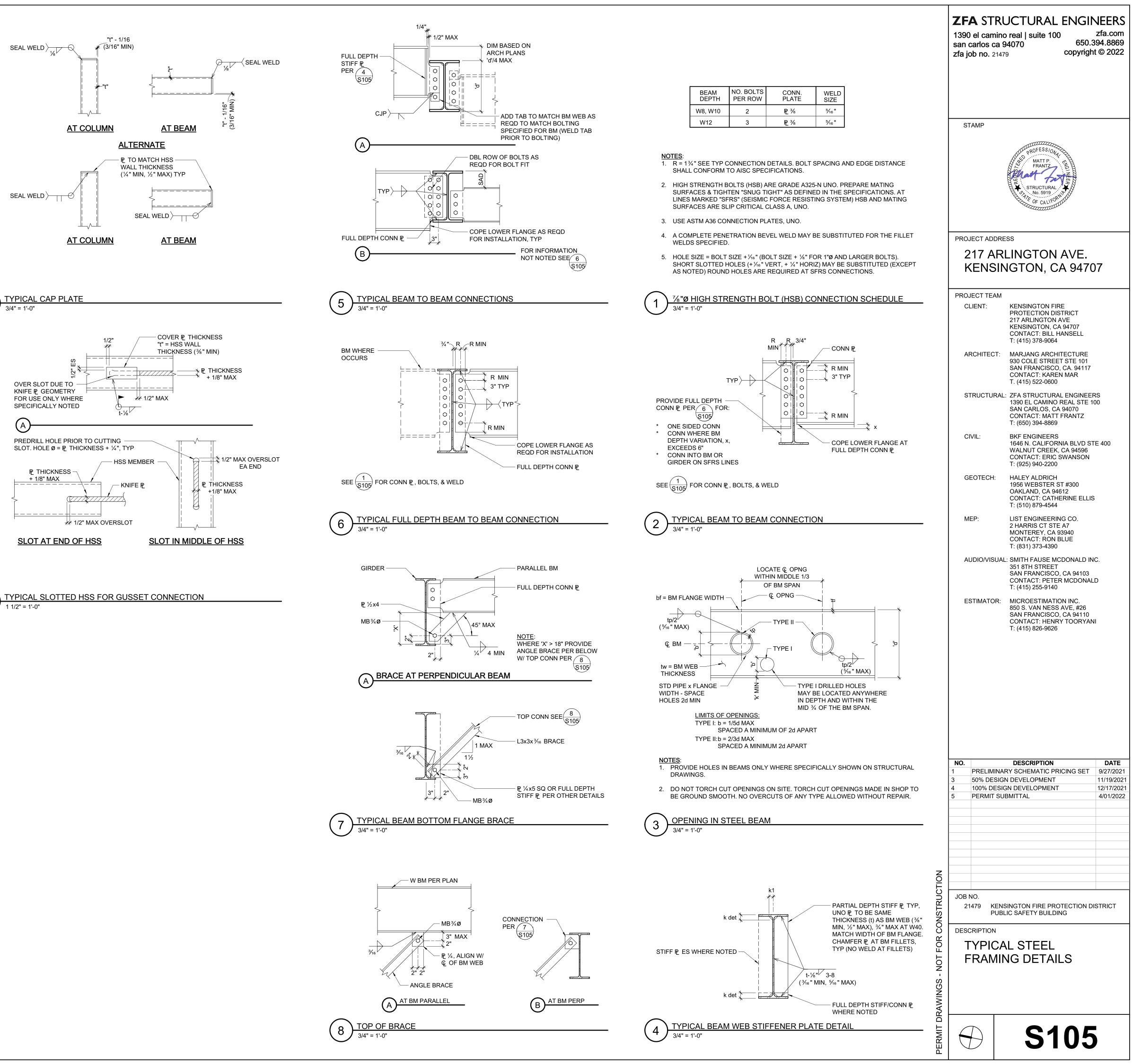
(A) PREDRILL HOLE PRIOR TO CUTTING

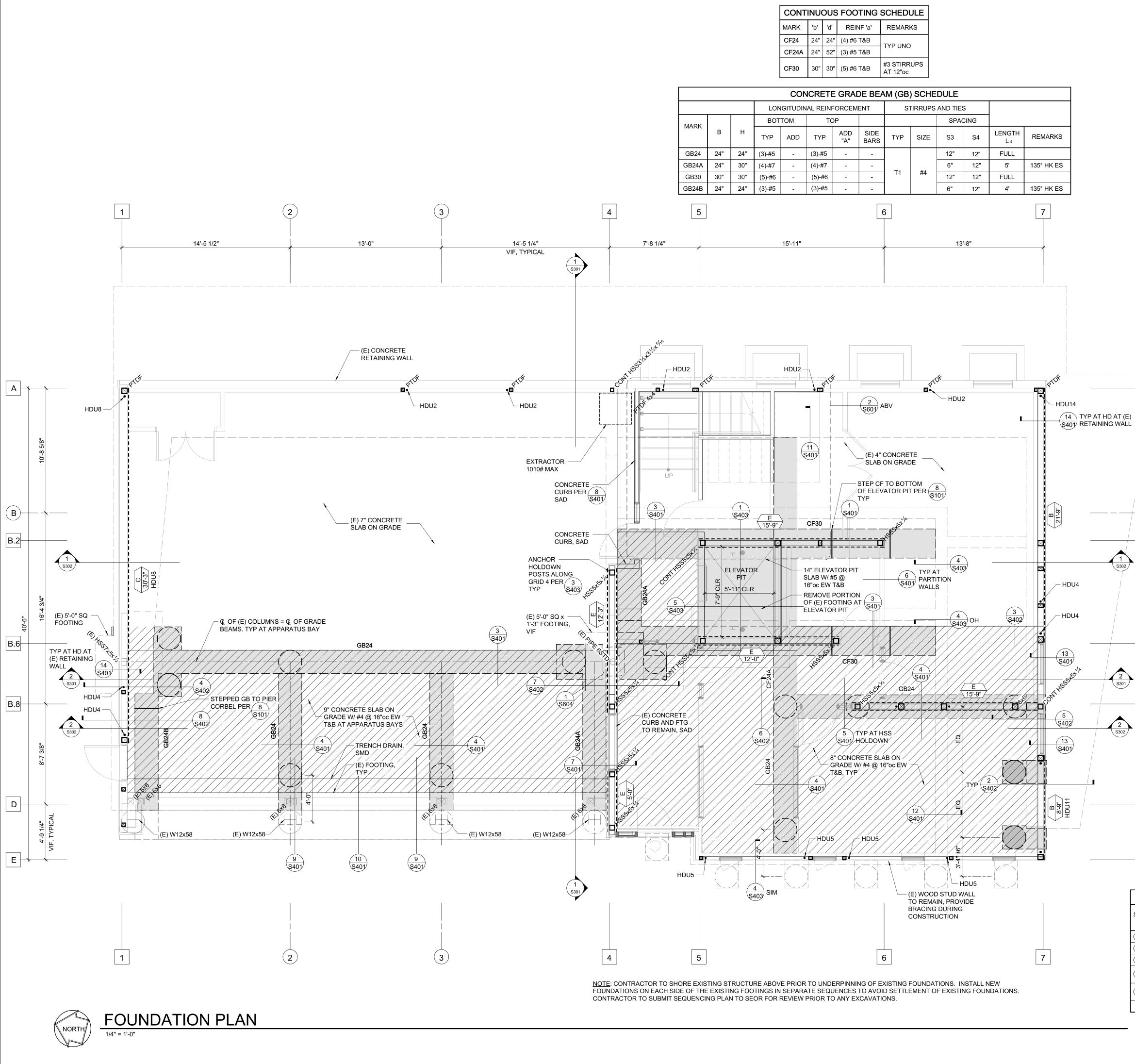
P THICKNESS + 1/8" MAX

ant the -____|

SLOT AT END OF HSS







FOUNDATION PLAN NOTES:

- 1. REFER TO SHEETS <u>S001</u>, <u>S101</u>, <u>S102</u>, <u>S103</u>, <u>S104</u> AND <u>S105</u> FOR GENERAL NOTES AND TYPICAL DETAILS. THE FOLLOWING DETAIL REFERENCES ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. ALL GENERAL NOTES AND TYPICAL DETAIL SHEETS NOTED ABOVE ARE APPLICABLE AND SHALL BE FOLLOWED.
- 2. DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- 3. SEE DETAILS FOR CURB LOCATIONS. COORDINATE WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. PROVIDE LONGER ANCHOR BOLTS AT CURBS PER C/S001.
- 4. ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS ON PLANS (INCLUDING WALLS ADJACENT TO SEISMIC GAPS) SHALL BE SHEATHED AS SHEAR WALL TYPE 'A' PER SHEAR WALL SCHEDULE, UNÓ.
- 5. PLUMBING AND ELECTRICAL CONDUIT AND GROUND STRAP SHALL NOT BE LAID WITHIN FOUNDATIONS. NO UTILITY PIPES OR CONDUITS SHALL BE LOCATED THRU COLUMN FOOTINGS OR FRAME FOOTINGS. NO PIPES OR CONDUITS THRU SILL PLATES SHALL BE WITHIN 12" OF HOLDOWN BOLTS. NO MECHANICAL, ELECTRICAL, OR PLUMBING OPENINGS SHALL BE LOCATED IN SHEAR WALLS UNLESS SHOWN AND DETAILED ON THE STRUCTURAL DRAWINGS. NO VERTICAL OR HORIZONTAL PIPES OR CONDUITS SHALL BE LOCATED THROUGH STEEL FRAMES, STEEL COLUMNS, OR STEEL BASE PLATES. PROVIDE FURRING AND/OR THICKENED CONCRETE WHERE REQUIRED TO CLEAR UTILITY SYSTEMS. NOTIFY STRUCTURAL ENGINEER/ARCHITECT PRIOR TO ANY INSTALLATION NOT CONFORMING TO THESE DETAILS.
 - PIPES THROUGH FOOTINGS SHALL BE PER 2/S101 AND 3/S101.
 - PIPES PARALLEL TO FOOTINGS SHALL BE PER 4/S101
 - PIPES AT SLAB ON GRADE SHALL BE PER 7/S101.

WITH A34 TOP AND BOTTOM, EACH END TYPICAL.

- PIPES THROUGH WOOD FRAMING SHALL BE PER 2/S103 AND 5/S104.
- 6. ELEVATION OF THE TOP OF FINISHED SLAB = 0'-0", UNLESS NOTED OTHERWISE. 7. TYPICAL STRUCTURAL WALL BLOCKING FOR ALL GRAB BAR, HANDRAIL, SHOWER SEAT AND OTHER ARCHITECTURAL (A), MECHANICAL (M), ELECTRICAL (E), PLUMBING (P) ATTACHMENTS SHALL BE 4x MINIMUM x WALL WIDTH STUD BLOCKS

		PLAN LEGEND
SYMBO	DL REFERENCE DETAIL	
	<u>1/S103</u>	INDICATES STRUCTURAL WALL.
 	<u>7/S103</u> <u>C/S002</u>	INDICATES SHEAR WALL TYPE AND MINIMUM WALL LENGTH. SYMBOL LOCATION INDICATES SHEATHED FACE OF WALL UNLESS NOTED OTHERWISE.
\boxtimes	<u>E/S001</u>	INDICATES WOOD POST.
• 🛛	<u>8/S103</u>	INDICATES POST WITH HOLDOWN. POSTS WITH HOLDOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE.
0, □,	<u>6/S104</u>	INDICATES STEEL COLUMN.
		INDICATES FOUNDATION.
CF24		INDICATES CONTINUOUS FOOTING SIZE AND REINFORCING PER SCHEDULE.
GB24		INDICATES GRADE BEAM SIZE AND REINFORCING PER SCHEDULE.
	7.	INDICATES STEP IN ELEVATION, SEE ARCHITECTURAL DRAWINGS.
88	_	INDICATES GRIDLINE AT FACE OF STUD.
88	_	INDICATES GRIDLINE AT CENTERLINE OF COLUMN
1 S3.1		INDICATES ELEVATION.
		INDICATES EXISTING FOUNDATION.
	-	INDICATES EXISTING FRAMING.
		HATCHED REGION INDICATES NEW SLAB ON GRADE.
) <u>1/S402</u>	INDICATES 24"Ø x 17'-0" MIN DRILLED CONCRETE PIER.
		INDICATES EXISTING CONCRETE PIER TO REMAIN.

	SHEAR WALL SCHEDULE									
V	APA RATED SHEATHING	NAILING (PEN)	5% "ø BC	AN DLT FDN	CHORA(GE AT FRAMING	3	REMARKS		
	SHEATHING		2x SILL	3x SILL	16d	A35	SDS *			
\rangle	¹⁵ / ₃₂ " (32/16) EXP 1	10d @ 6"oc	32"oc	48"oc	6"oc	24"oc	16"oc			
\rangle	¹⁵ / ₃₂ " (32/16) EXP 1	10d @ 4"oc	24"oc	32"oc	4"oc	16"oc	10"oc	3x MIN AT		
\rangle	¹⁵ / ₃₂ " (32/16) EXP 1	10d @ 3"oc	16"oc	24"oc	3"oc	8"oc	8"oc	all Adjoining		
\rangle	¹⁵ / ₃₂ " (32/16) STRUC 1	10d @ 2"oc	-	16"oc	(2) ROWS @ 4"oc	8"oc	6"oc	PANEL EDGES		
\rangle	¹⁵ / ₃₂ " (32/16) STRUC 1 BOTH SIDES	10d @ 2"oc	-	12"oc	(2) ROWS @ 2"oc	6"oc	(2) ROWS @ 6"oc			

E

* 2x SILL: SDS¹/₄x4¹/₂". 3x SILL: SDS¹/₄x6". FOR SDS @ 6"oc OR LESS, PROVIDE 4x BLKG BLW.

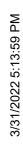
ZFA STRUCTURAL ENGINEERS 1390 el camino real | suite 100 zfa.com 650.394.8869 san carlos ca 94070 copyright © 2022 **zfa job no.** 21479

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PROJECT ADDRESS

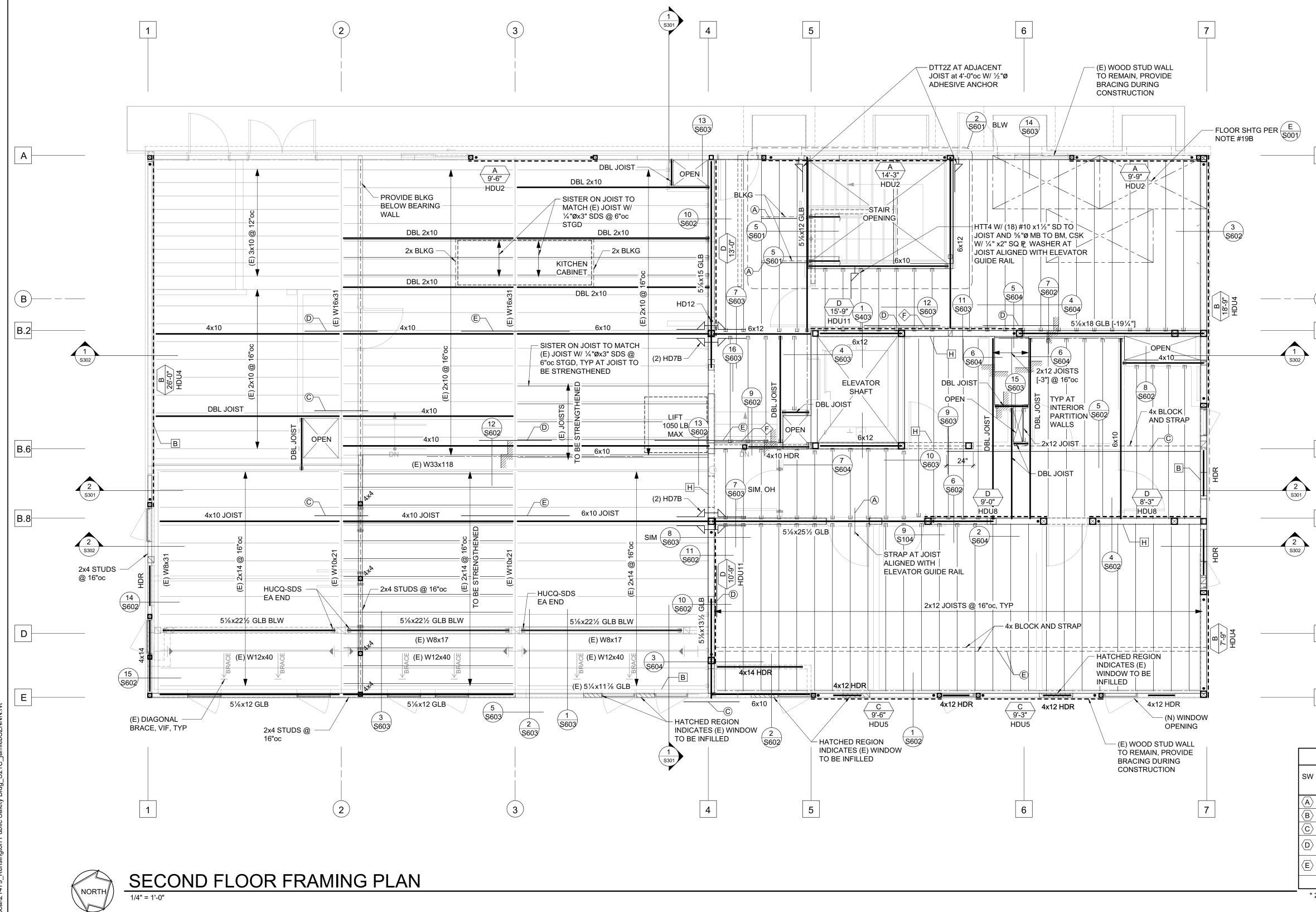
		INGTON AVE. GTON, CA 9470	7
	ECT TEAM .IENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
AF	RCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
ST	RUCTURAL:	ZFA STRUCTURAL ENGINEER 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
Cľ	VIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400
GE	EOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	
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AL	JDIO/VISUAL:	SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALI T: (415) 255-9140	
ES	STIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	I
NO.	Ì	DESCRIPTION	DATE
1	PRELIMINAR	Y SCHEMATIC PRICING SET	9/27/2021
3 4 5		DEVELOPMENT N DEVELOPMENT MITTAL	11/19/2021 12/17/2021 4/01/2022
JOB N 21	479 KENS	INGTON FIRE PROTECTION DI C SAFETY BUILDING	STRICT
DESC	RIPTION		
F	OUND	ATION PLAN	



S201

LEDGER SPLICE SCHEDULE								
MARK	CASE	STRAP/PLATE	CASE	STRAP/PLATE				
Â	1	MSTA24	-					
B	1	MSTA30	-					
$\langle \hat{\mathbf{c}} \rangle$	2	MSTI48	3	MSTI60				
\bigcirc	2	CMST14x5'-6"	3	CMST14x6'-0"				
È	2	(2) MSTI48	4	₽ ¼" W/ (6) 1"Ø MB ES OF SPLICE				
F	PROVIDE CONTINUOUS LEDGER. DO NOT SPLICE.							

	TOP PLATE SPLICE SCHEDULE							
MARK	LAP SPLICE (CASE 1)	STRAP SPLICE (CASE 2)						
Α	(12) 16d PER 4'-0" MIN LAP	MSTC28						
В	(22) 16d PER 4'-0" MIN LAP	MSTC40						
С	(26) 16d PER 6'-0" MIN LAP	MSTC52						
D	(32) 16d PER 6'-0" MIN LAP	MSTC66						
E	(36) 16d PER 8'-0" MIN LAP	MSTC28 EA SIDE						
F	(44) 16d PER 8'-0" MIN LAP	MSTC40 EA SIDE						
G	(50) 16d PER 10'-0" MIN LAP	MSTC52 EA SIDE						
Н	PROVIDE CONTINUOUS TOP PLATE. DO NOT SPLICE.							

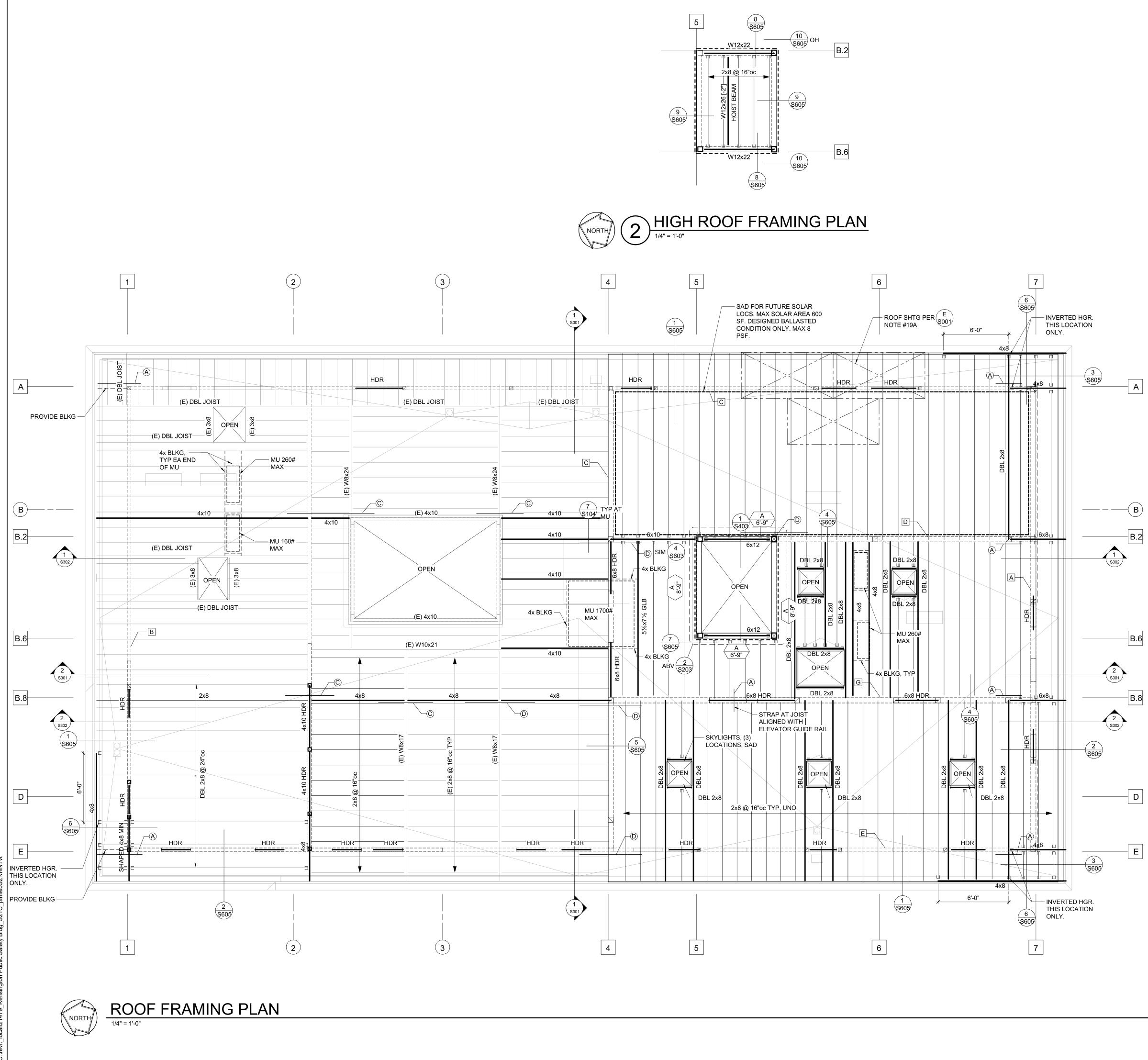


	TIE STRAP SCHEDULE									
	OTDAD	MIN.	MA) (S	MIN. END						
MARK	STRAP	NAILING ES OF ◆	CASE 1	CAS	SE 2	LENGTH				
		ES OF •		EL	RL	(EL)				
A	CS16	(10) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	10d @ 4"oc STGR	12"				
B	CS14	(13) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	10d @ 4"oc STGR	16"				
©	CMSTC16	(25) 10d	10d @ 3"oc STGR	FILL ALL NAIL HOLES	10d @ 3"oc STGR	24"				
D	CMST14	(33) 10d	10d @ 3½"oc STGR	FILL ALL NAIL HOLES	10d @ 3½"oc STGR	32"				
E	CMST12	(43) 10d	10d @ 3½"oc STGR	FILL ALL NAIL HOLES	10d @ 3½"oc STGR	48"				

1. CASE 1 APPLIES UNLESS END LENGTH (EL) IS NOTED ON PLANS. WHERE END LENGTH (EL) IS NOTED, SEE CASE 2.

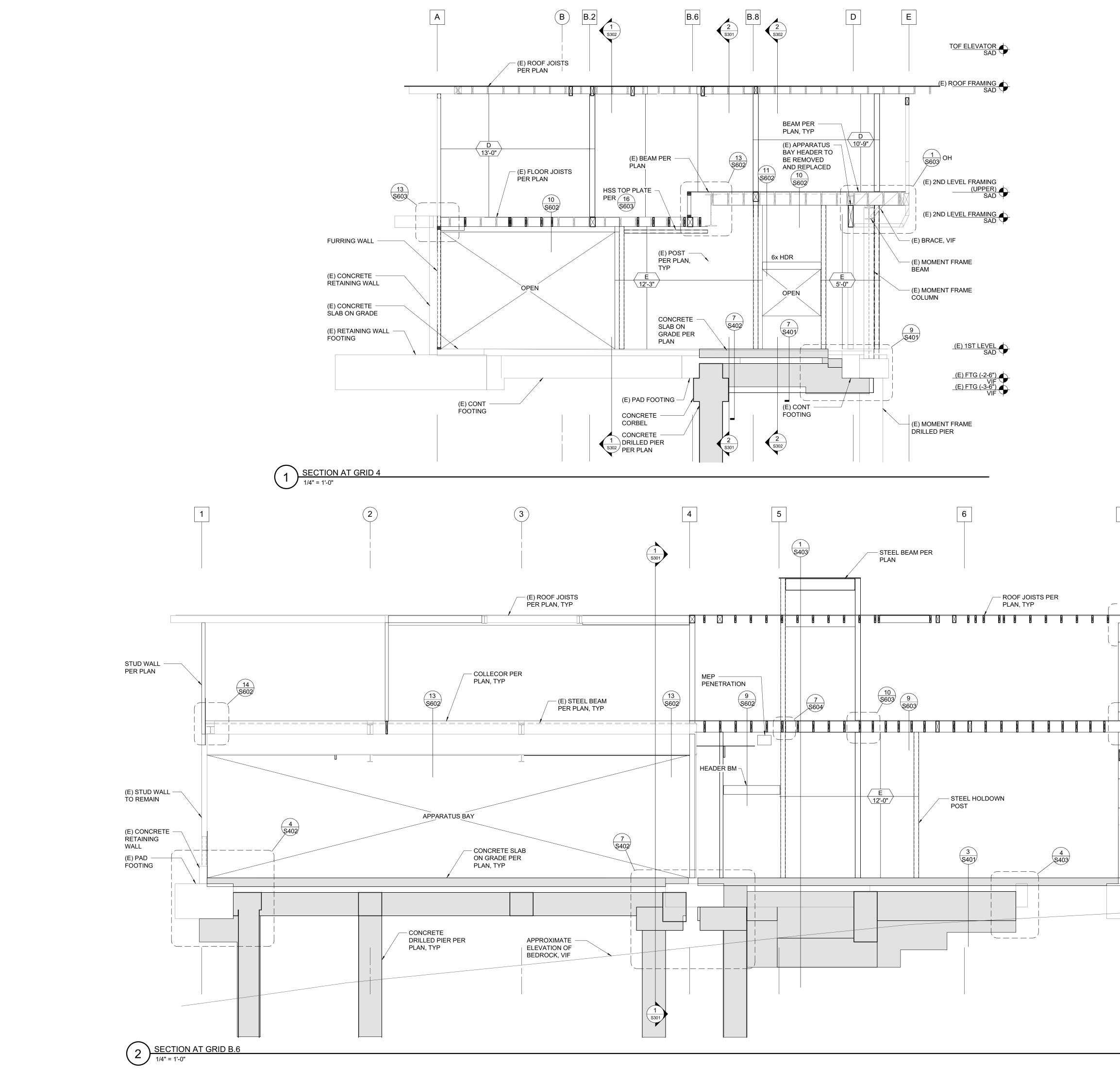
2. AS REQUIRED, PROVIDE CLOSER NAIL SPACING TO MEET MINIMUM NAILING EACH SIDE OF + .

								ZFA STRU 1390 el camino			NEERS zfa.com
-								san carlos ca s zfa job no. 2147	94070	650.3	394.8869 nt © 2022
1	DETAILS CONTRA		<u>01</u> , <u>S103, S104</u> AN VING DETAIL REFE /ENIENCE ONLY. / E ARE APPLICABL	ERENCES AR ALL GENERA	RE PROVID	DED FOR THE AND TYPICAL			9	eepjg.	
2	DIMENSI	ONS WITH AR	FACE OF STUD UN CHITECTURAL DF R OF ANY DISCRE	RAWINGS PR							
3	ROOFS (DETAILE	OR FLOORS S D OTHERWISI	RICAL AND PLUMB HALL BE PER REF E ON THE STRUCT LATION NOT CON	ERENCES BI	ELOW UNL S. NOTIFY	LESS SHOWN ARCHITECT/E	AND	STAMP	and and a second	×	
	F	PENETRATION	S THROUGH SHE	AR WALLS S	HALL BE P	PER <u>6/S103</u> .			PROFESS/C MATT P.	NA EN	
			S THROUGH FLO						Renat /	GINEER	
	WALLS A PER SHE	ADJACENT TO EAR WALL SCH	NOT DESIGNATE SEISMIC GAPS) S IEDULE, UNLESS	HALL BE SHE NOTED OTH	EATHED A ERWISE.	S SHEAR WAL	L TYPE 'A'		STRUCTURA S. No. 5919 VIC OF CALIF	RNI CONTRACTOR	
Ę	GROUNE LEDGER ARCHITE	D FLOOR ELE\ HEIGHTS AS ECTURAL AND	IS AND DETAILS "4 (ATION REFEREN) REQUIRED TO PR STRUCTURAL DF R OF ANY DISCRE	CE 0'-0". COC OVIDE ROOF RAWINGS PR	ORDINATE F SLOPES	TOP OF FRAM AS SHOWN O	/ING AND N	PROJECT ADDRE	ESS		
6	 TYPICAL SEAT AN (P) ATTA 	STRUCTURA	L WALL BLOCKING CHITECTURAL (A), ALL BE 4x MINIMU	FOR ALL GE	AL (M), ELE	ECTRICAL (E),	PLUMBING		LINGTON NGTON, ()7
Г			PLAN LEG]	PROJECT TEAM CLIENT:	KENSINGTON		
ŀ	SYMBOL	REFERENCE							PROTECTION I 217 ARLINGTO KENSINGTON,	N AVE	
		DETAIL <u>1/S103</u>	INDICATES STRU		ALL.			ARCHITECT:	CONTACT: BILL T: (415) 378-906	L HANSELL 34	
	====	<u>1/S103</u>	INDICATES STRU	JCTURAL WA	ALL ABOVE	Ξ		ANOTHEUT.	930 COLE STRI SAN FRANCISC CONTACT: KAF	EET STE 101 CO, CA. 94117 REN MAR	
4	A 10'-0"	<u>7/S103</u> <u>C/S002</u>	INDICATES SHEA WALL LENGTH. S SHEATHED FACI OTHERWISE.	SYMBOL LOC	CATION INE	DICATES		STRUCTURAL	T. (415) 522-060 : ZFA STRUCTUI 1390 EL CAMIN SAN CARLOS, 6 CONTACT: MA ⁻	RAL ENGINEE O REAL STE 1 CA 94070	
		<u>E/S001</u>	INDICATES WOO	DD POST.				CIVIL:	T: (650) 394-886	9	
	•	<u>10/S104</u>	INDICATES POS HOLDOWN ARE PLATE.					CIVIL:	1646 N. CALIFC WALNUT CREE CONTACT: ERI	RNIA BLVD S K, CA 94596 C SWANSON	TE 400
	0, 🗆 , 🔳	<u>6/S104</u>	INDICATES STEE	EL COLUMN.				GEOTECH:	T: (925) 940-220 HALEY ALDRIC	Н	
	31%x12 GLB C=1"	<u>E/S001</u>	INDICATES GLUI WHERE NO CAM FRAMING NOTES CAMBER.	IBER IS SPEC	CIFIED SEE	E WOOD			1956 WEBSTEF OAKLAND, CA CONTACT: CA T: (510) 879-454	94612 THERINE ELLIS	5
3	<u></u>	<u>11/S103</u>	INDICATES PANI LENGTH OF MEN		ILING ALOI	NG FULL		MEP:	LIST ENGINEER 2 HARRIS CT S MONTEREY, C/	TE A7 A 93940	
.2		<u>E/S001</u>	INDICATES HAN	GER.					CONTACT: ROI T: (831) 373-439	90	
			INDICATES LEDO ANCHORAGE.	GER. SEE PL	AN FOR SI	IZE AND		AUDIO/VISUAI	SMITH FAUSE I 351 8TH STREE SAN FRANCISC CONTACT: PET	ET CO, CA 94103 TER MCDONAL	
-	88		INDICATES GRIE					ESTIMATOR:	T: (415) 255-914 MICROESTIMA 850 S. VAN NES	TION INC. SS AVE, #26	
.6			INDICATES GRIE		NIERLINE	OF COLUMN.			SAN FRANCISC CONTACT: HEN T: (415) 826-962	NRY TOORYAN	NI
.0	S3.1/	<u>7/S104</u>	INDICATES APPE MAXIMUM WEIG MECHANICAL DE	ROXIMATE LO	IANICAL U	NIT. SEE					
.8			ADDITIONAL INF	P IN ELEVATI							
			INDICATES EXIS		NG.						
	A	<u>1/S104</u>	INDICATES TOP OCCUR ALONG UNO. PROVIDE S PLANS.	THE ENTIRE	LENGTH C	OF THE WALL,					
	Â	<u>2/S104</u>	INDICATES LEDO SHALL OCCUR A THE WALL, UNO NOTED ON PLAN	LONG THE E	ENTIRE LE	NGTH OF		3 50% DESIG	DESCRIPTION RY SCHEMATIC F N DEVELOPMEN	PRICING SET	DATE 9/27/2021 11/19/2021
)	(A) 4'-0")	<u>3/S104</u>	INDICATES TIE S STRAP, NAILING	STRAP. SEE S		EFOR		4 100% DESI0 5 PERMIT SU	GN DEVELOPMEN BMITTAL		12/17/2021 4/01/2022
Ξ											
							7				
							CONSTRUCTION				
				ULE CHORAGE		1	TRU		SINGTON FIRE PI LIC SAFETY BUIL		ISTRICT
APA R SHEAT		NAILING (PEN)	%"ø BOLT FDN 2x SILL	AT FRA		REMARKS	SNOC	DESCRIPTION	LIU UMFETY BUIL	טאווש	
¹⁵ ⁄32 " (32/1 1 ⁵ ⁄32 " (32/1		10d @ 6"oc 10d @ 4"oc	32"oc 48"oc 24"oc 32"oc	6"oc 24"o 4"oc 16"o		3x MIN AT	FOR (R	
¹⁵ / ₃₂ " (32/1		10d @ 1°00	16"oc 24"oc	3"oc 8"oo		ALL ADJOINING	NOTF	FRAMI	NG PLAN		
•	6) STRUC 1	10d @ 2"oc	- 16"oc	(2) ROWS @ 4"oc 8"oc		PANEL EDGES	1				
¹⁵ ⁄ ₃₂ " (32/1 BOTH SID	6) STRUC 1 ES	10d @ 2"oc	- 12"oc	(2) ROWS @ 2"oc 6"oc	(2) ROWS @ 6"oc	s 	DRAWINGS				
SILL: SDS	5¼x4½". 3x	│ SILL: SDS¼x6	". FOR SDS @ 6"o	c OR LESS, F	PROVIDE 4	kx BLKG BLW.	DRA	 			
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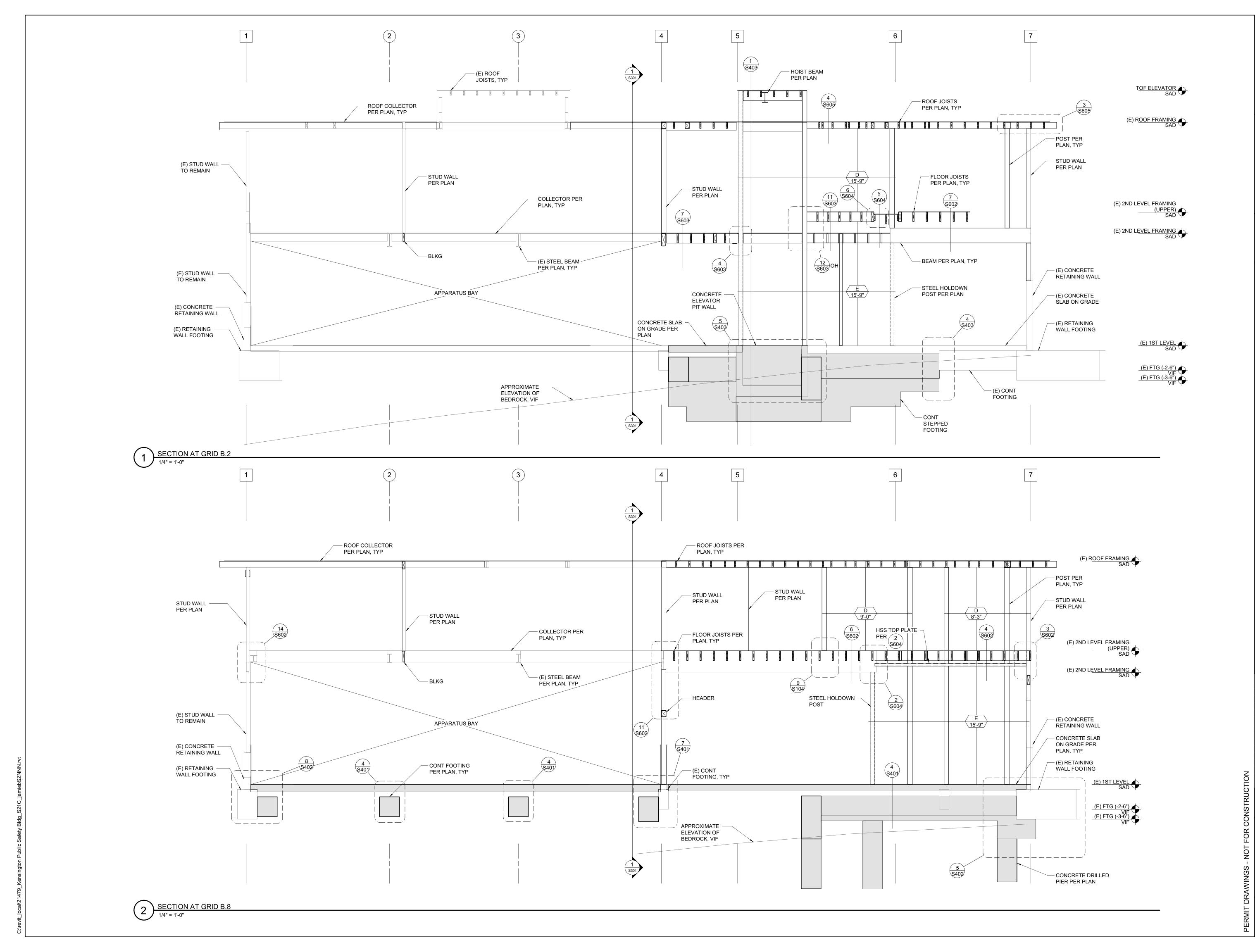


ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 21 6. TYPICAL STRUCTURAL WALL BLOCKING FOR ALL GRAB BAR, HANDRAIL, SHOWER SEAT AND OTHER ARCHITECTURAL (A), MECHANICAL (M), ELECTRICAL (E), PLUMBING (P) ATTACHMENTS SHALL BE 4x MINIMUM x WALL WIDTH STUD BLOCKS WITH A34 TOP AND BOTTOM, EACH END TYPICAL. PROJECT PLAN LEGEND SYMBOL REFERENCE DESCRIPTION INDICATES STRUCTURAL WALL. ARC INDICATES STRUCTURAL WALL. ARC ATSID3 INDICATES STRUCTURAL WALL ABOVE. INDICATES SHEAR WALL TYPE AND MINIMUM ALL EGEND SYMBOL ALSID3 INDICATES STRUCTURAL WALL ABOVE. INDICATES SHEAR WALL TYPE AND MINIMUM ALL ENGTH. SYMBOL LOCATION INDICATES ALT ELENGTH. SYMBOL LOCATION INDICATES ALT ELENGTH. SYMBOL LOCATION INDICATES INDICATES WOOD POST. INDICATES STEEL COLUMN. POSTS WITH INDICATES STEEL COLUMN. OLI MICATES STEEL COLUMN. OLI MINICATES GLUAM BEAM SIZE AND CAMBER. WHERE NO CAMBER IS SPECIFIED SEE WOOD	ECT ADDRE 17 AR ENT ECT TEAM IENT: CHITECT: RUCTURAL	KENSINGTON, C KENSINGTON, C PROTECTION D 217 ARLINGTON KENSINGTON, C CONTACT: BILL T: (415) 378-906 MARJANG ARCH 930 COLE STRE SAN FRANCISC CONTACT: KAR T. (415) 522-060 :: ZFA STRUCTUR 1390 EL CAMINO SAN CARLOS, C	CA 9470 FIRE DISTRICT NAVE CA 94707 HANSELL HITECTURE EET STE 101 CO, CA. 94117)7
ROOPS OF FLOORS SHALL BE PER REFERENCES BELOW UNLESS SHOWN AND DETAILED OTHERWISE ON THE STRUCTURAL PLANS. NOTTEY ARCHITECT/ENGINEER PRIOR TO ANY INSTALLATION NOT CONFORMING TO THESE DETAILS. PENETRATIONS THROUGH SHEAR WALLS SHALL BE PER <u>6/S103</u> . PENETRATIONS THROUGH FLOORS/ROOPS SHALL BE PER <u>6/S103</u> . ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS ON PLANS (INCLUDING WALLS ADJACENT TO SEISMIC GAPS) SHALL BE SHEAT HED AS SHEAR WALL TYPE 'A' PER SHEAR WALL SCHEDULE, UNLESS NOTED OTHERWISE. ELEVATION SON PLANS AND DETAILS "\$" ARE TO HEIGHTS ABOVE FINISHED GROUND FLOOR ELEVATION REFERENCE 0'0'. COORDINATE TOP OF FRAMING AND LEDGER HEIGHTS AS REQUIRED TO PROVIDE ROOF SLOPES AS SHOWN ON ARCHITECTURAL AND DRIVED THAN DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECTURAL AND ISDCREPANCIES. TYPICAL STRUCTURAL WALL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. YELAN LEGEND STAT AND OTHER STRUCTURAL WALL WIDTH STUD BLOCKS WITH A34 TOP AND BOTTOM, EACH END TYPICAL. PLAN LEGEND YMBOL YELAN LEGEND YMBOL REFERENCE DES STRUCTURAL WALL WIDTH STUD BLOCKS WITH A34 TOP AND BOTTOM, EACH END TYPICAL. ISSIGNTED OTHERWISE. YMBOL REFERENCE OF WALL UNCATION NIDICATES SHEATHED FACE OF	ECT ADDRE 17 AR ENT ECT TEAM IENT: CHITECT: RUCTURAL	KENSINGTON, C KENSINGTON, C PROTECTION D 217 ARLINGTON KENSINGTON, C CONTACT: BILL T: (415) 378-906 MARJANG ARCH 930 COLE STRE SAN FRANCISC CONTACT: KAR T. (415) 522-060 :: ZFA STRUCTUR 1390 EL CAMINO SAN CARLOS, C	CA 9470 FIRE DISTRICT NAVE CA 94707 HANSELL HITECTURE EET STE 101 CO, CA. 94117)7
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WALLS ADJACENT TO SEISMIC GAPS) SHALL BE SHEATHED AS SHEAR WALL TYPE 'A' PER SHEAR WALL SCHEDULE, UNLESS NOTED OTHERWISE. ELEVATIONS ON PLANS AND DETAILS '\$" ARE TO HEIGHTS ABOVE FINISHED GROUND FLOOR ELEVATION REFERENCE 0::0" COORDINATE TOP OF FRAMING AND LEDGER HEIGHTS AS REQUIRED TO PROVIDE ROOF SLOPES AS SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECTRAGINEER OF ANY DISCREPANCIES. TYPICAL STRUCTURAL WALL BLOCKING FOR ALL GRAB BAR, HANDRAIL, SHOWER SEAT AND OTHER ARCHITECTURAL (A), MECHANICAL (M), ELECTRICAL (E), PLUMBING (P) ATTACHMENTS SHALL BE 4* MINIMUM WALL WIDTH STUD BLOCKS WITH A34 TOP AND BOTTOM, EACH END TYPICAL. PROJEC PLAN LEGEND SYMBOL DETAIL 11/S103 INDICATES STRUCTURAL WALL. ARCHITECTION MALL ENGTH, SYMBOL LOCATION INDICATES MALL ELEVENTH, SYMBOL LOCATION INDICATES STR MALL ELEVENTH, SYMBOL LOCATION INDICATES STR MALL ELEVENTH, SYMBOL LOCATION NOTOR TO TOP OTHERWISE. MALL ELEVENTH, SYMBOL LOCATION INDICATES STR MALL ELEVENTH, SYMBOL LOCATION INDICATES STR MALL ELEVENTH, SYMBOL LOCATION INDICATES STR MALL ELEVENTH, SYMBOL LOCATION NOTOR STR	17 AR ENSIN	KENSINGTON, C KENSINGTON, C PROTECTION D 217 ARLINGTON KENSINGTON, C CONTACT: BILL T: (415) 378-906 MARJANG ARCH 930 COLE STRE SAN FRANCISC CONTACT: KAR T. (415) 522-060 :: ZFA STRUCTUR 1390 EL CAMINO SAN CARLOS, C	CA 9470 FIRE DISTRICT NAVE CA 94707 HANSELL HITECTURE EET STE 101 CO, CA. 94117)7
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$===:$ $1/S103$ INDICATES STRUCTURAL WALL ABOVE. \square $\frac{7}{15103}$ $\frac{10}{10.000}$ $\frac{10}{10.000}$ $\frac{10}{10.000}$ $\frac{10}{10.000}$ $\frac{10}{10.0000}$ $\frac{10}{10.0000}$ $\frac{10}{10.0000}$ $\frac{10}{10.00000}$ $\frac{10}{10.00000000000000000000000000000000$	RUCTURAL	930 COLE STRE SAN FRANCISC CONTACT: KAR T. (415) 522-060 .: ZFA STRUCTUR 1390 EL CAMINO SAN CARLOS, O	EET STE 101 O, CA. 94117	
\overrightarrow{A} $\overrightarrow{7/S103}$ WALL LENGTH. SYMBOL LOCATION INDICATES SHEATHED FACE OF WALL UNLESS NOTED OTHERWISE.STR $\overrightarrow{D'-0''}$ $\overrightarrow{C/S002}$ INDICATES WOOD POST.INDICATES WOOD POST. $\overrightarrow{\Box}$ $\overrightarrow{E/S001}$ INDICATES POST WITH HOLDOWN. POSTS WITH HOLDOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE.INDICATES STEEL COLUMN. \overrightarrow{O} , $\overrightarrow{\Box}$, $\overrightarrow{\Box}$ $\overrightarrow{6/S104}$ INDICATES GLULAM BEAM SIZE AND CAMBER. WHERE NO CAMBER IS SPECIFIED SEE WOOD FRAMING NOTES FOR TYPICAL GLULAM BEAM CAMBER.GEC \overleftarrow{MEP} \cancel{MEP}		T. (415) 522-060 : ZFA STRUCTUR 1390 EL CAMINO SAN CARLOS, C		
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⁶ ×12 GLB C=1" <u>E/S001</u> WHERE NO CAMBER IS SPECIFIED SEE WOOD FRAMING NOTES FOR TYPICAL GLULAM BEAM CAMBER. INDICATES PANEL EDGE NAILING ALONG FULL	OTECH:	HALEY ALDRICH	н	
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LENGTH OF MEMBER.	EP:	LIST ENGINEER 2 HARRIS CT ST MONTEREY, CA	TE A7 A 93940	
E E/S001 INDICATES HANGER.		CONTACT: RON T: (831) 373-439	0	
AUD	IDIO/VISUAL	L: SMITH FAUSE N 351 8TH STREE SAN FRANCISC CONTACT: PET	T O, CA 94103	
88 INDICATES GRIDLINE AT FACE OF STUD.	TIMATOR:	T: (415) 255-914 MICROESTIMAT	.0 TION INC.	
88 INDICATES GRIDLINE AT CENTERLINE OF COLUMN.		850 S. VAN NES SAN FRANCISC CONTACT: HEN T: (415) 826-962	CO, CA 94110 IRY TOORYAN	11
1 S3.1 INDICATES ELEVATION.				
MU 1,000# 1/S104 INDICATES APPROXIMATE LOCATION, SIZE AND MU MAXIMUM WEIGHT OF MECHANICAL UNIT. SEE MECHANICAL DRAWINGS FOR ANCHORAGE AND ADDITIONAL INFORMATION.				
INDICATES STEP IN ELEVATION, SEE ARCHITECTURAL DRAWINGS.				
INDICATES EXISTING FRAMING.				
A 1/S104 INDICATES TOP PLATE SPLICE. SPLICE TYPE SHALL OCCUR ALONG THE ENTIRE LENGTH OF THE WALL, UNO. PROVIDE SPLICE TYPE 'A' IF NOT NOTED ON PLANS.				
THE WALL, UNO. PROVIDE SPLICE TYPE 'A' IF NOT NOTED ON PLANS. 3 50 4 10	50% DESIG	DESCRIPTION RY SCHEMATIC P IN DEVELOPMENT GN DEVELOPMEN	PRICING SET	DATE 9/27/2021 11/19/2021 12/17/2021
A) 4'-0" 3/S104 INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH. 5 PI	PERMIT SU	JBMITTAL		4/01/2022

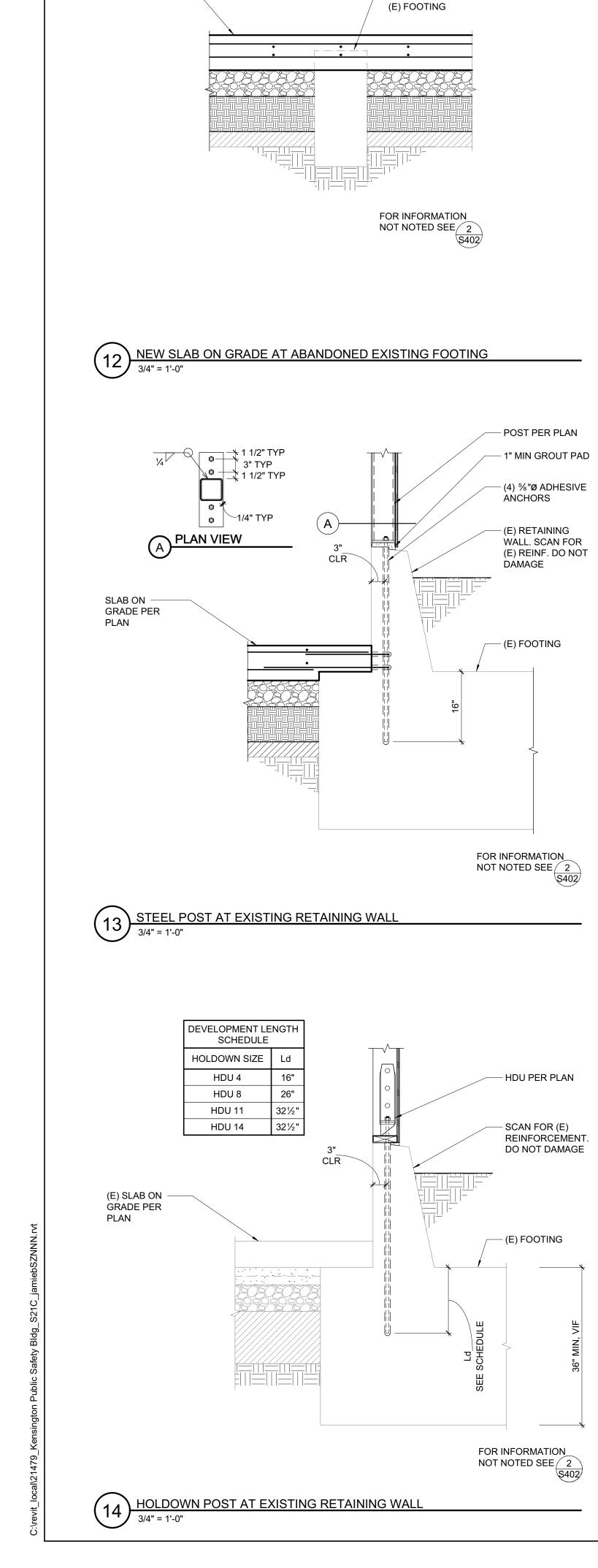
B.2



 FRAME ELEVATION NOTES: 1. ELEVATIONS ARE SCHEMATIC. SEE PLANS FOR ADDITIONAL INFORMATION. 2. SEE PLANS FOR ALL COLUMN AND BEAM SIZES. 	ZFA STRUCTURAL ENGINEERS 1390 el camino real suite 100 zfa.com san carlos ca 94070 650.394.8869 zfa job no. 21479 copyright © 2022
	STAMP
	PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
	CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH
7	1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7
	MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET
(E) ROOF FRAMING SAD	SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
STUD WALL PER PLAN	
(E) 2ND LEVEL FRAMING (UPPER) SAD (E) 2ND LEVEL FRAMING SAD	
	NO.DESCRIPTIONDATE1PRELIMINARY SCHEMATIC PRICING SET9/27/2021350% DESIGN DEVELOPMENT11/19/20214100% DESIGN DEVELOPMENT12/17/20215PERMIT SUBMITTAL4/01/2022
(E) RETAINING WALL FOOTING	Image:
(E) 1ST LEVEL SAD (E) FTG (-2-6") VIF (E) FTG (-3-6") VIF (E) FTG (-3-6") VIF	JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING DESCRIPTION
DRAWINGS - NOT FOR	ELEVATIONS & SECTIONS
PERMIT DRA	↔ S301



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	₅s LINGTON AVE. IGTON, CA 9470	7				
PROJECT TEAM						
CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064					
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MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390					
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ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626					
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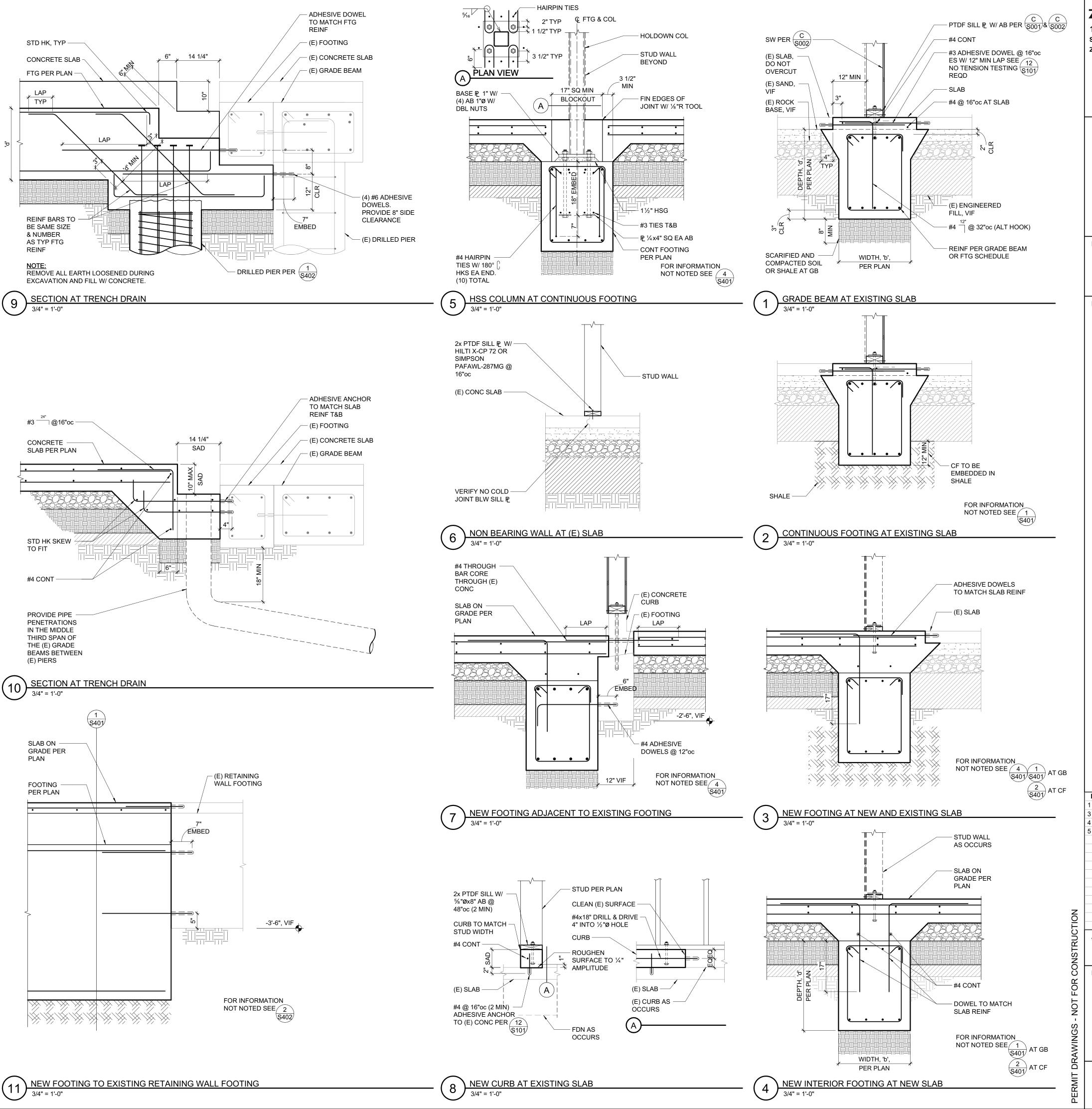


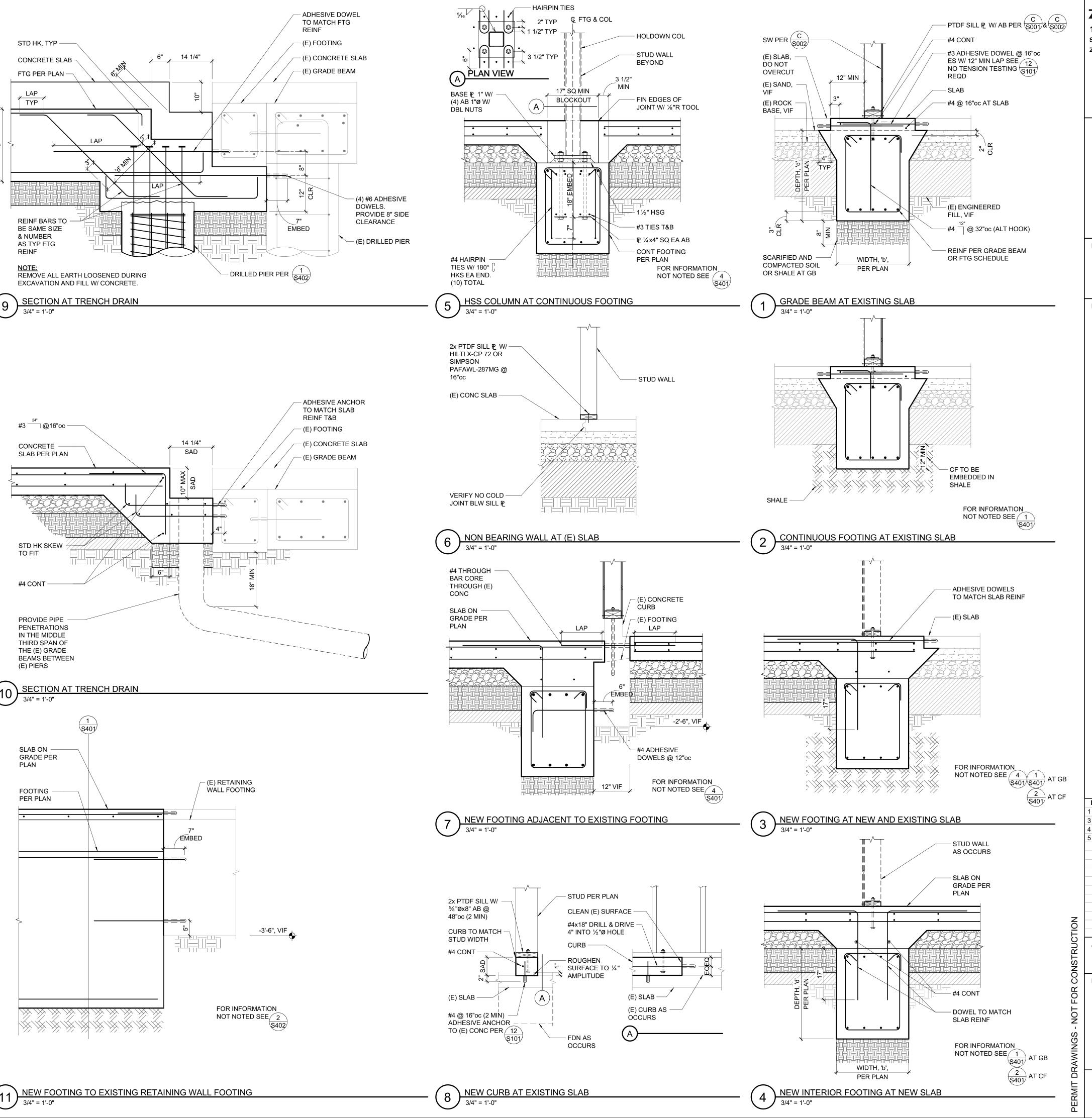
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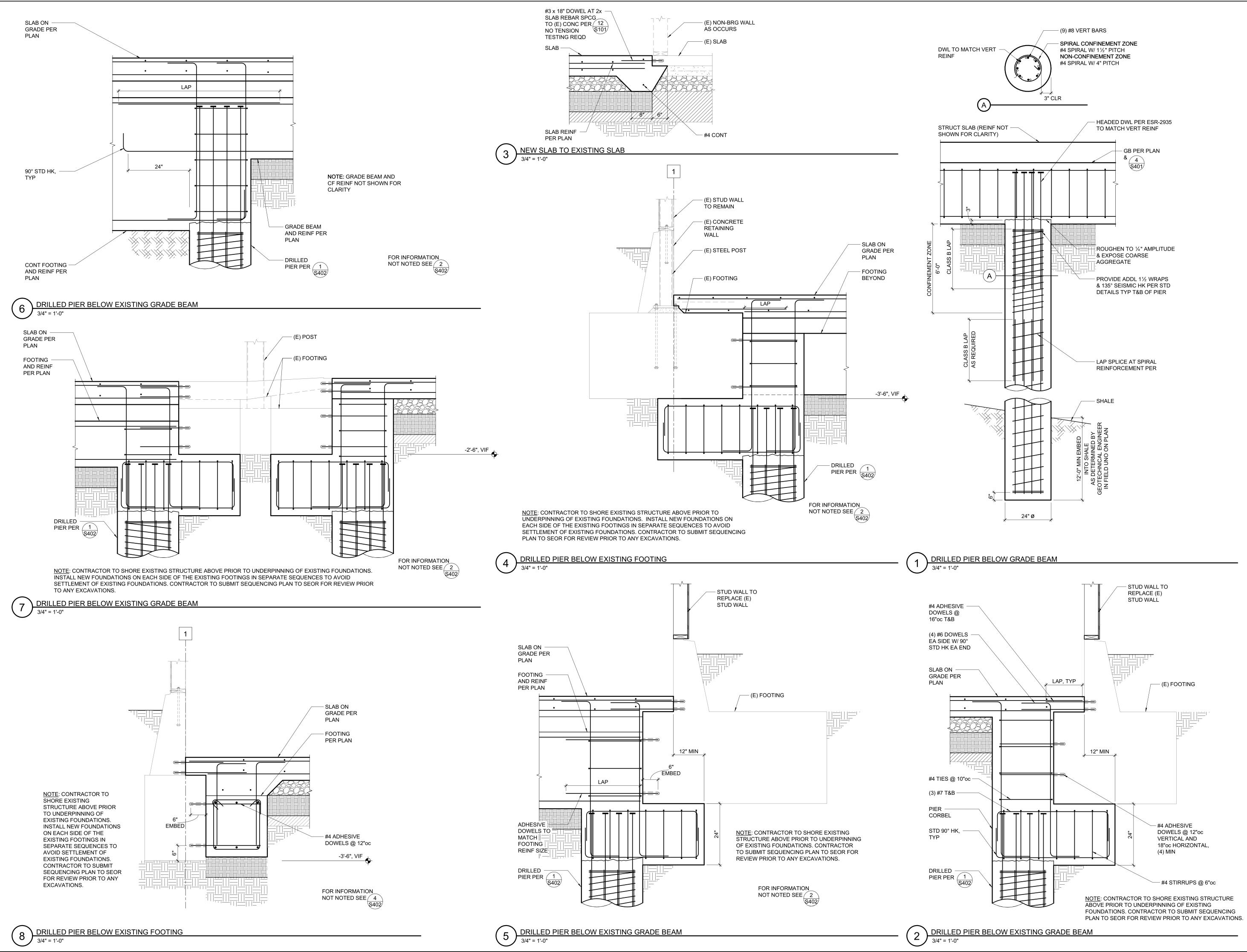
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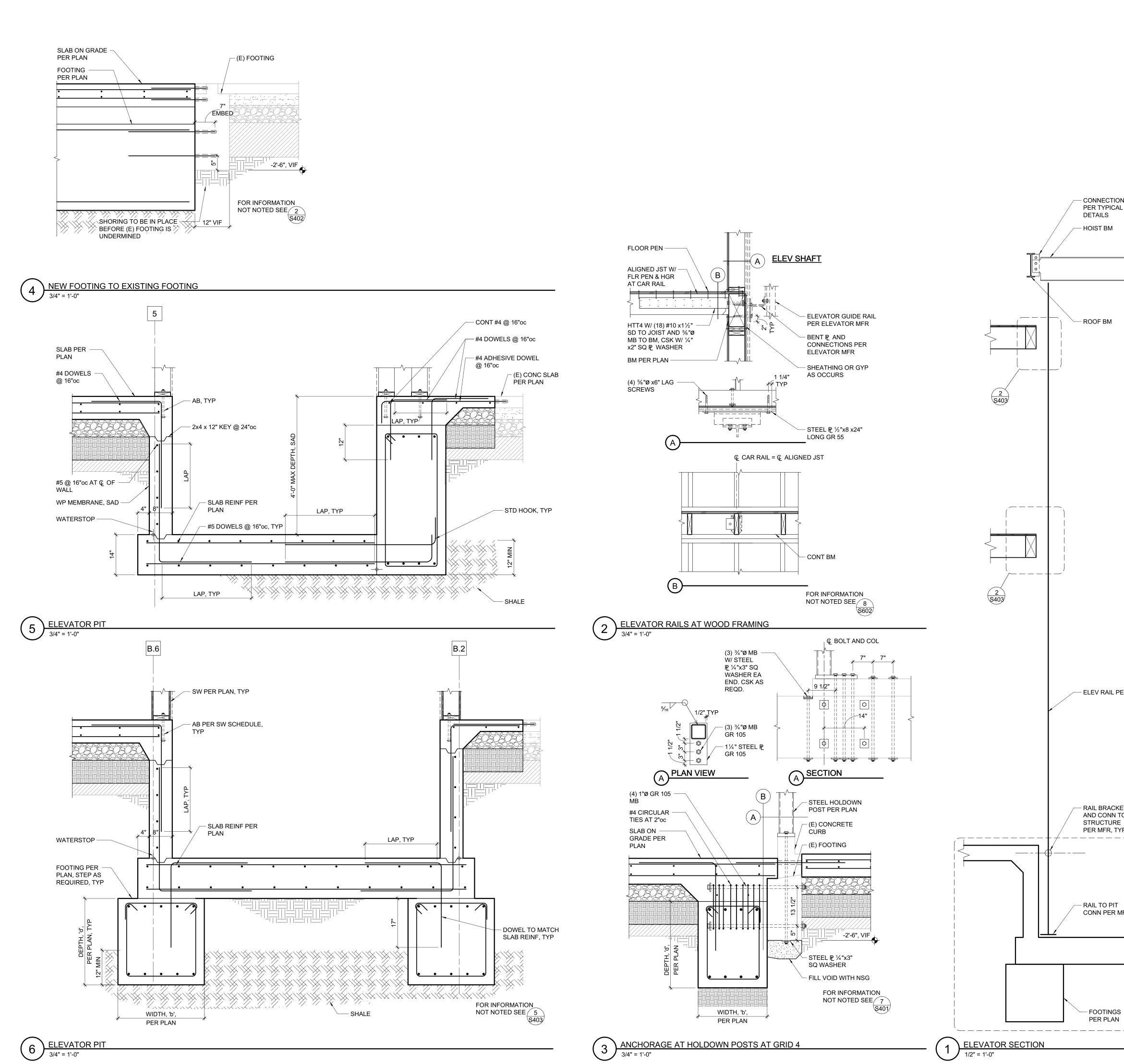




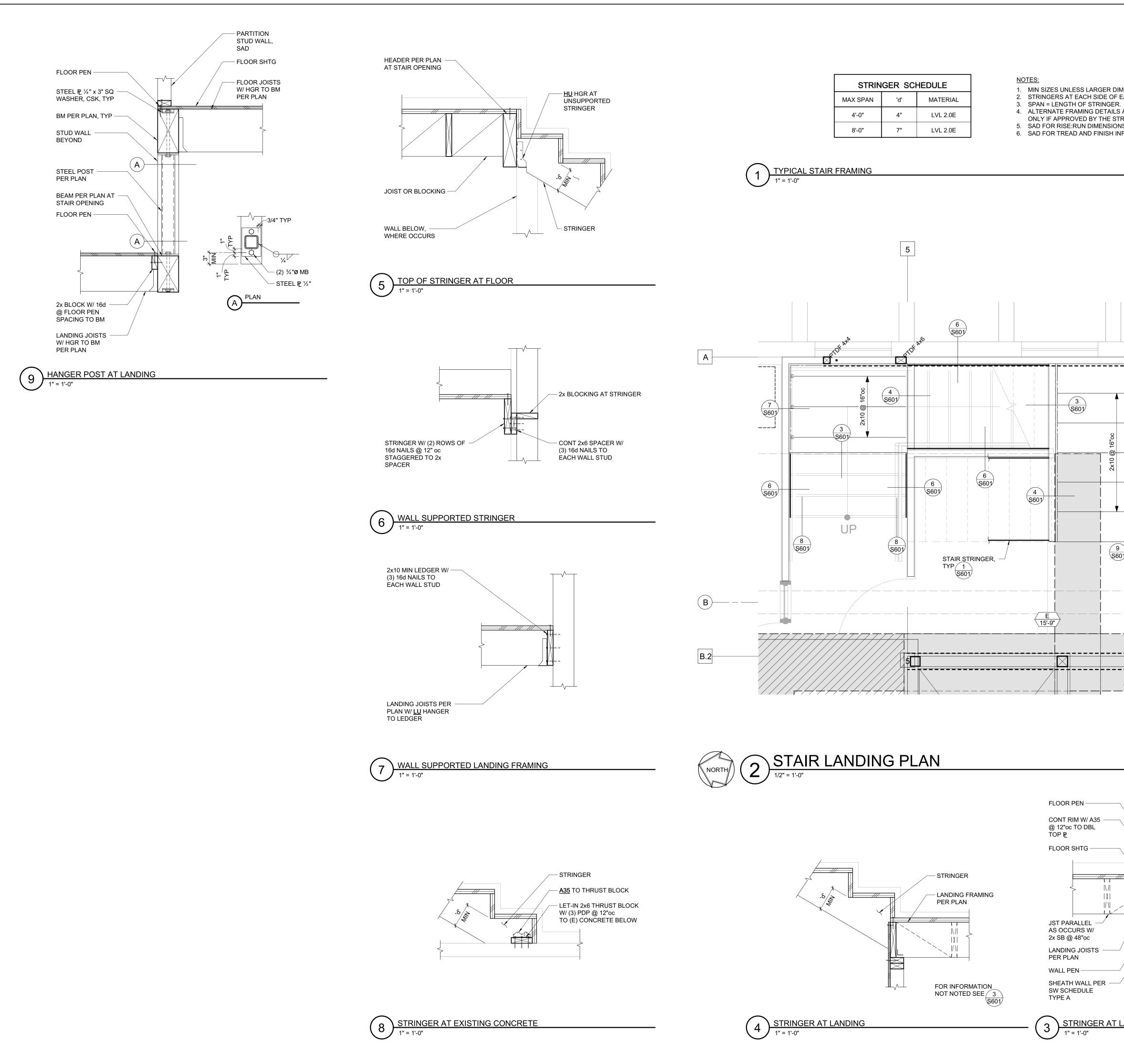
		zfa.com 94.8869				
STAMP	MATT P. FRANTZ STRUCTURAL No. 5919 STRUCTURAL STR					
	ss LINGTON AVE. IGTON, CA 9470)7				
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064					
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600					
STRUCTURAL:	ZFA STRUCTURAL ENGINEEF 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869					
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400				
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544					
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390					
AUDIO/VISUAL:	SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAL T: (415) 255-9140					
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	I				
	DESCRIPTION RY SCHEMATIC PRICING SET	DATE 9/27/2021 11/19/2021				
4 100% DESIG 5 PERMIT SUE	N DEVELOPMENT	12/17/2021 4/01/2022				
PUBL	21479 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING					
	S401					



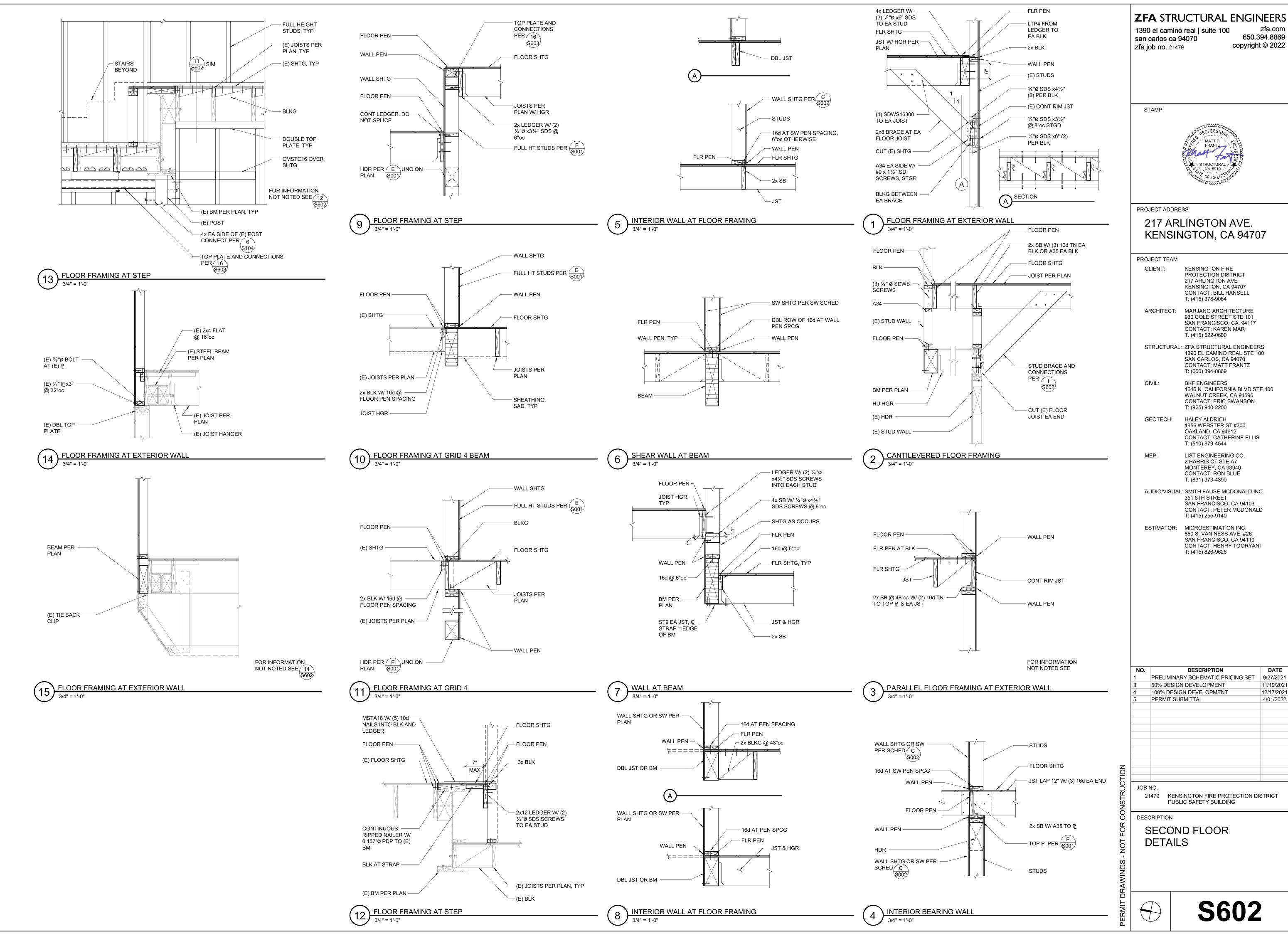
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PROJECT ADDRES	SS		
217 ARLINGTON AVE. KENSINGTON, CA 94707			
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FOUNDATION DETAILS			
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	ZFA STRUCTURAL ENGINEERS 1390 el camino real suite 100 zfa.com san carlos ca 94070 650.394.8869 zfa job no. 21479 copyright © 2022
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ELEVATOR OVERRUN ROOF SAD	PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
ROOF SAD ELEVATOR NOTES: 1. LATERAL RAIL LOADS: 2012 Lb 2012	 PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (331) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 941103 CONTACT: PETER MCDONALD INC. 350 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 941103 CONTACT: PETER MCDONALD T: (415) 826-9626
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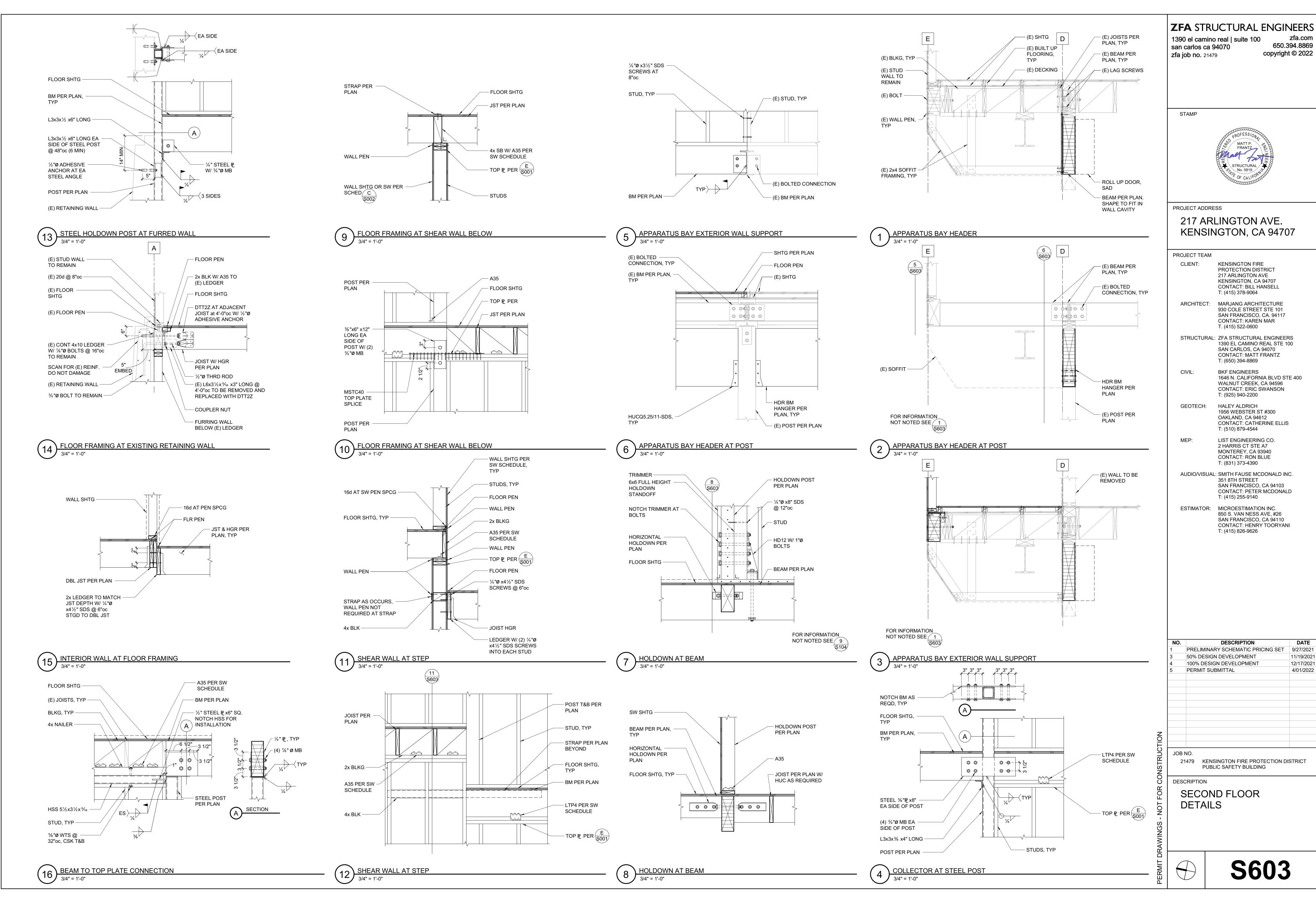
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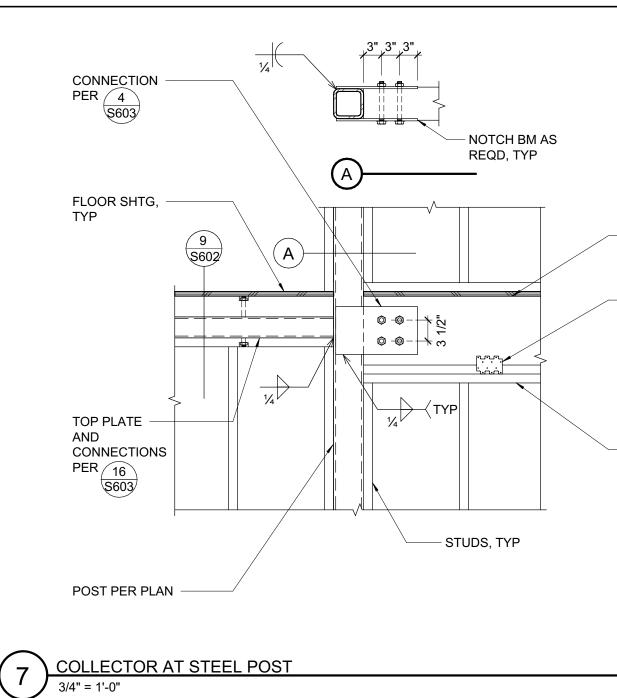
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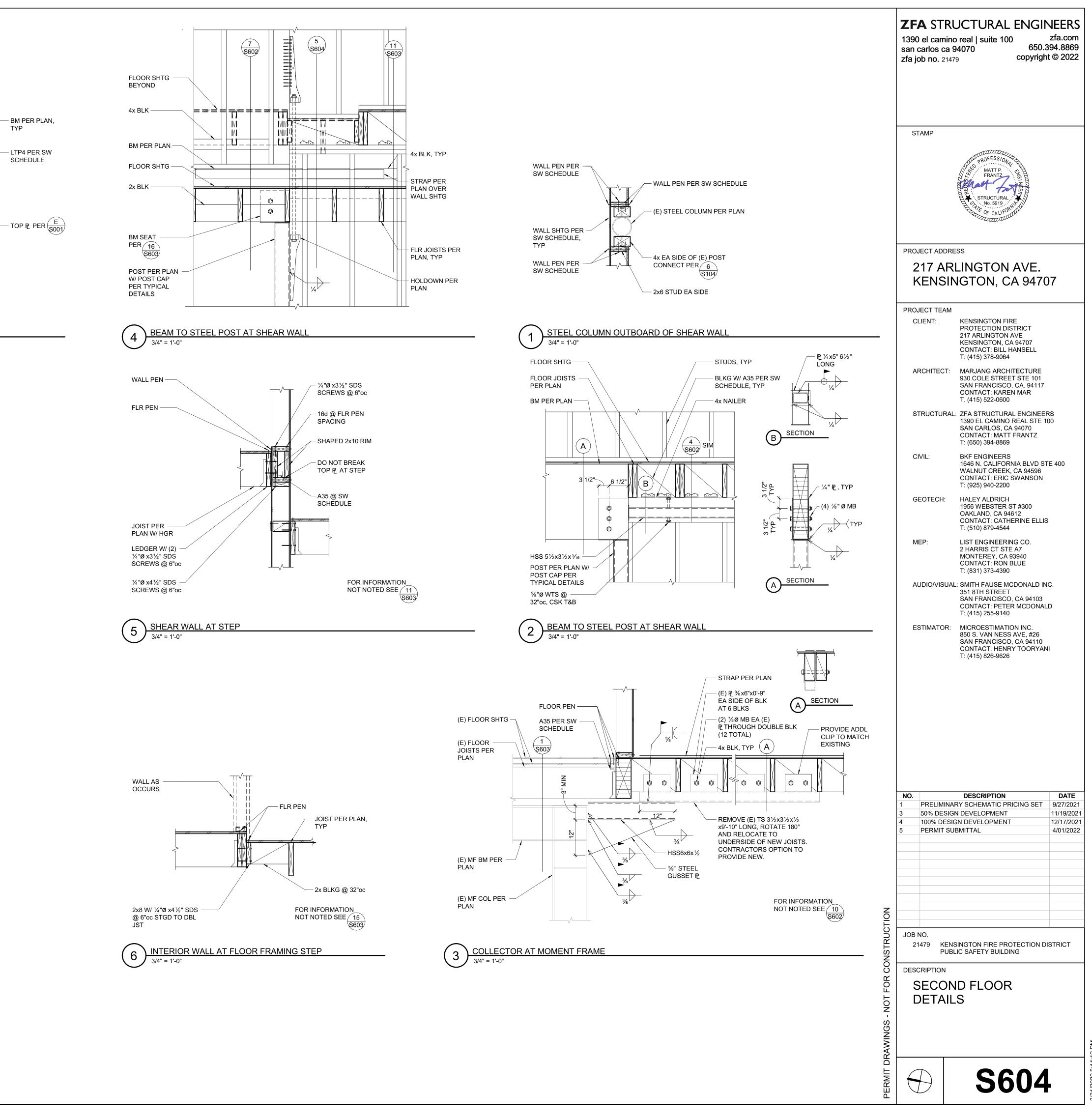
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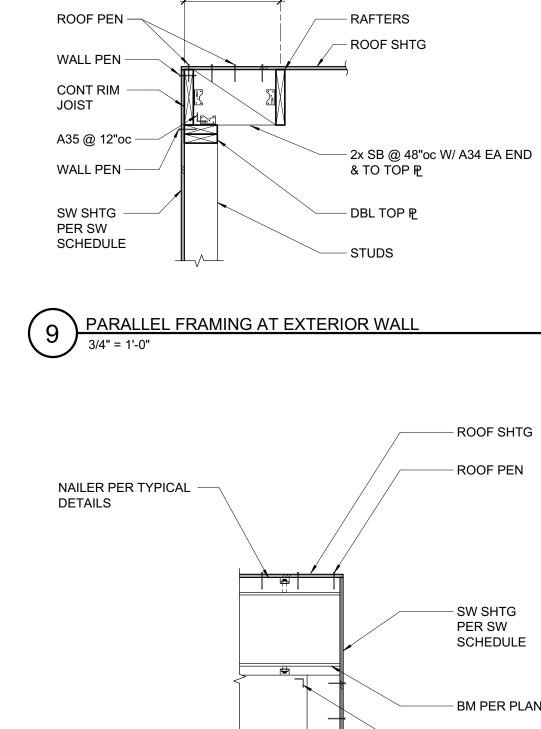
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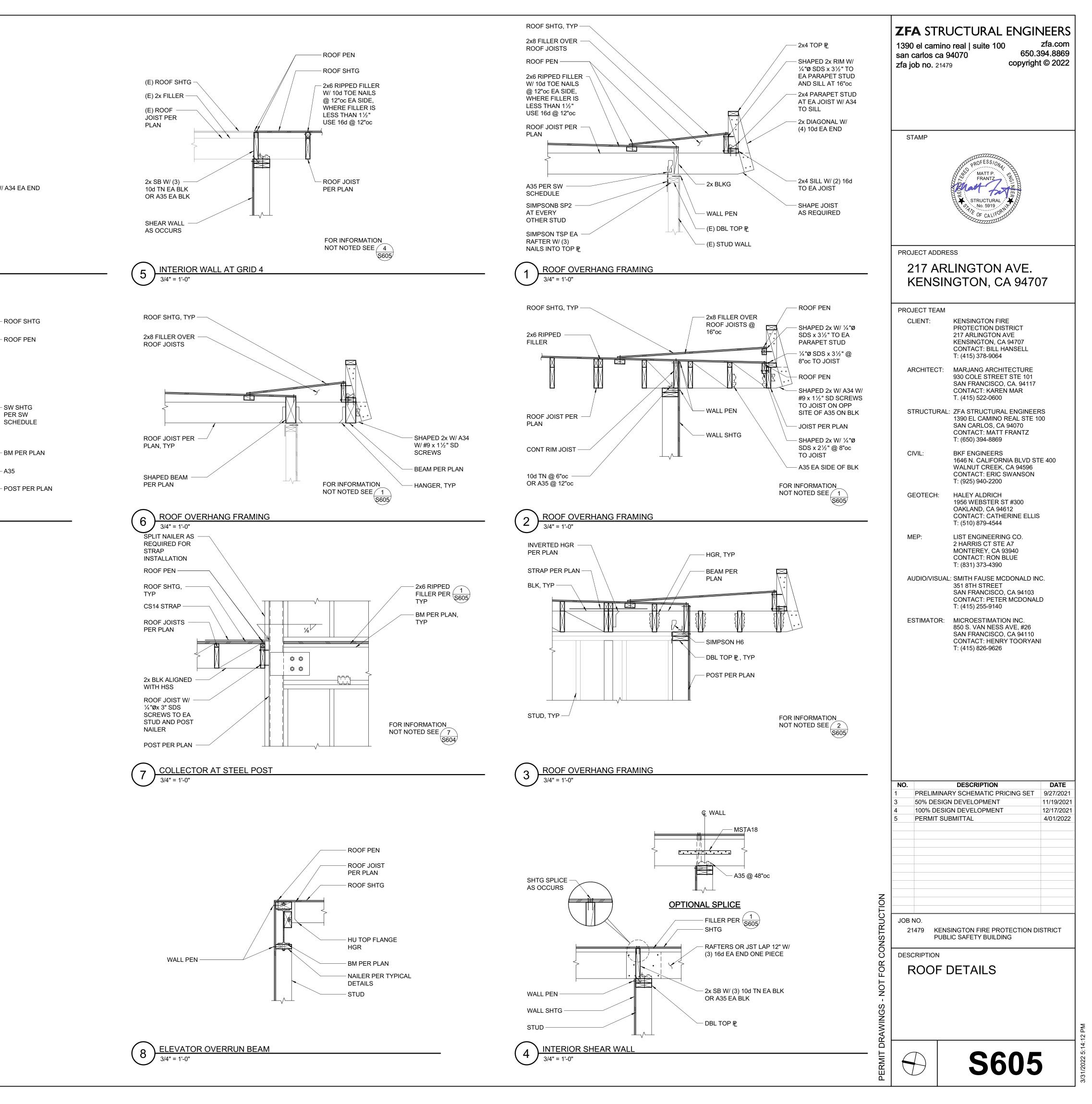






16" MIN

10 ELEVATOR OVERRUN BEAM 3/4" = 1'-0"



CODE	DESCRIPTION	LOCATION	SIZE	MAX CFM	MAX SP	NECK SIZE	BLADE SPACING	BLADE DEFLECTION	MTG	PN	MFR	REMARKS
SD-1	SUPPLY DIFFUSER	MEETING	10' LONG, 1" SLOT WIDTH	370	0.02"	10"			CEILING	FT-10 - 2-SLOT	TITUS	HIGHTHROW W/ TITUS PLENUM, 1.
SR-1	SUPPLY REGISTER	MULTIPLE	8" x 6"	60	0.02"		3/4"	35	WALL	301RL	TITUS	1.
SR-2	SUPPLY REGISTER	MULTIPLE	12" x 6"	120	0.02"		3/4"	35	WALL	301RL	TITUS	1.
SR-3	SUPPLY REGISTER	EXERCISE	18" x 6"	190	0.02"		3/4"	35	WALL	301RL	TITUS	1.
SR-4	SUPPLY REGISTER	KITCHEN	24" x 12"	600	0.02"		3/4"	35	WALL	301RL	TITUS	1.
SR-5	SUPPLY REGISTER	DORM	8" x 6"	50	0.02"		3/4"	35	FLOOR	301RL	TITUS	1.
RG-1	RETURN GRILLE	KITCHEN	18" x 14"	485	0.02"		3/4"	35	WALL	350RL	TITUS	1.
EG-1	EXHAUST GRILLE	ASSEMBLY BAY	24" x 4"	140	0.02"		3/4"	0	SIDE OF DUCT	S300FS	TITUS	PROVIDE WITH AIR SCOOP DAMPER, 1.
EG-2	EXHAUST GRILLE	ASSEMBLY BAY	18" x 8"	280	0.03"		3/4"	0	BOTTOM OF DUCT	S300FS	TITUS	PROVIDE WITH AIR SCOOP DAMPER, 1.
EG-3	EXHAUST GRILLE	ASSEMBLY BAY	42" x 18"	1500	0.02"		3/4"	0	BOTTOM OF DUCT	350RS	TITUS	1.
EG-4	EXHAUST GRILLE	MULTIPLE	12" x 12"	60	0.01"	6"			CEILING	PAR	TITUS	1.
EG-5	EXHAUST GRILLE	MEETING	24" X10"	450	0.02"		3/4"	35	WALL	350RL	TITUS	1.
EG-6	EXHAUST GRILLE	MULTIPLE	8" x 6"	30	0.01"		3/4"	35	WALL	350RL	TITUS	1.
EG-7	EXHAUST GRILLE	KITCHEN	18" x 12"	405	0.02"		3/4"	35	WALL	350RL	TITUS	1.
EG-8	EXHAUST GRILLE	MULTIPLE	18" x 6"	190	0.02"		3/4"	35	WALL	350RL	TITUS	1.
EG-9	EXHAUST GRILLE	LAUNDRY	12" x 8"	50	0.01"		3/4"	35	WALL	350RL	TITUS	1.
TG-1	TRANSFER GRILLE	MULTIPLE	12" x 12"	50	0.01"	6"			CEILING	PAR	TITUS	1.
TG-2	TRANSFER GRILLE	MULTIPLE	14" x 6"	50	0.01"		3/4"	35	WALL	350RL	TITUS	1.
TG-3	TRANSFER GRILLE	MULTIPLE	18" x 10"	100	0.01"		3/4"	35	WALL	350RL	TITUS	1.

NOTES:

1. SEE ARCH PLAN FOR COLOR AND FINISH.

FIRE DAM	IPER SCHEDULE									
CODE	MFR	MODEL	CFM MAX	DUCT SIZE	WIDTH IN.	HEIGHT IN.	VELOCITY FPM	LEAKAGE CLASS	PRESSURE DROP (IN.)	COMMENTS
FD-1	RUSKIN	FD-60	30	6	8	10	500	1	0.04	1., 2.
FD-2	RUSKIN	FSD-60M	120	8	12	10	500	1	0.02	1., 2.
FD-3	RUSKIN	FD-60	100	8	12	10	500	1	0.02	1., 2.
FD-4	RUSKIN	FD-60	850	SEE PLAN	16	16	500	1	0.02	1., 2.
FD-5	RUSKIN	FSD-60M	190	8	12	12	500	1	0.02	1., 2.
FD-6	RUSKIN	FD-60	360	10	12	12	700	1	0.07	1., 2.
FD-7	RUSKIN	FSD-60M	405	12	12	12	760	1	0.08	1., 2.

NOTES:

1

2.

1-1/2 HR RATED DAMPER.

SEE DETAIL 11 AND 12/M601 FOR DETAIL

LOUVER	SCHEDULE							
CODE	LOCATION	SIZE (IN)	FREE AREA SQ IN	CFM	PRESS. DROP	P/N	MFG.	REMARKS
EH-1	ROOF	26"L x 26"W x 16"H	-	2400	0.04	WRH	GREENHECK	2.
DL-1	ASSEMBLY BAY	-	1150	2,400	0.1	-	-	1.
DL-2	ASSEMBLY BAY	-	360	750	0.1	-	-	1.

NOTES:

1. SEE ARCHITECTURAL PLAN.

2. PROVIDE ROOF CURB AND BDD.

SYMBO	LS & ABBREVIATIO	ONS (N	/IECHANICAL)
ВТ	BYPASS TIMER	EC	ELECTRICAL CONTRACTOR
		EDB	ENTERING DRY BULB
ę	CENTER LINE	EOD	EXTENT OF DEMOLITION
CD	CONDENSATE DRAIN	ETR	EXISTING TO REMAIN
Ø	DIAMETER	EWB	ENTERING WET BULB
	EXHAUST, RETURN, SUPPLY	EWT	ENTERING WATER TEMPERATURE
	AIR DUCT (EXISTING)	°F	DEGREES FAHRENHEIT
		FC	FLEXIBLE CONNECTION
	EXHAUST, RETURN, SUPPLY AIR DUCT (NEW)	FD	FIRE DAMPER
		FLA FOD	
	EXTENT OF DEMOLITION	FSD FT.HD.	FIRE SMOKE DAMPER FEET HEAD
	EXHAUST DUCT	FTR	FLUE THRU ROOF
	UP, DOWN, PENE & DEMO	GC	GENERAL CONTRACTOR
•	FIRE/SMOKE DAMPER	GPM	GALLONS PER MINUTE
	FIRE DAMPER	HP	HORSE POWER
		KW	KILOWATTS
	POINT OF CONNECTION	LBS	POUNDS
——————————————————————————————————————	P/T PLUG	LWT	LEAVING WATER TEMPERATURE
	RETURN OR EXHAUST AIR	MBH	1,000 BTU/HR
Y	RETURN DUCT	MC	MECHANICAL CONTRACTOR
	UP, DOWN, PENE & DEMO	(N)	
\$	SPEED CONTROL SWITCH	NIC NTS	NOT IN CONTRACT NOT TO SCALE
Ϋ́		OBD	OPPOSED BLADE DAMPER
Х	SPIN-IN EXTRACTOR/DAMPER	OSA	OUTSIDE AIR
	SUPPLY DUCT	OSAD	OUTSIDE SUPPLY AIR DUCT
	UP, DOWN, PENE & DEMO	PC	PLUMBING CONTRACTOR
	SUPPLY OR OUTSIDE AIR	PENE PD	PENETRATION PRESSURE DROP
$(\overline{\mathbf{J}})$	THERMOSTAT at + 48"	PH	PHASE
<u> </u>	TO BE REMOVED	POC	POINT OF CONNECTION
	TRANSFER AIR	P/N	PART NUMBER
-((TURNING VANES	PRV	PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH
]	VOLUME DAMPER	PSI P/T	PRESSURE / TEMPERATURE
		RA	RETURN AIR
		RAD	RETURN AIR DUCT
AD	ACCESS DOOR	(RL)	RELOCATE
AFF	ABOVE FINISH FLOOR	RPM	REVOLUTIONS PER MINUTE
AL		SA	SUPPLY AIR
AP BD	ACCESS PANEL BALANCING DAMPER	SAD	SUPPLY AIR DUCT
BDD	BACKDRAFT DAMPER	SD	SUPPLY DIFFUSER
BHP	BRAKE HORSE POWER	SP	
BJ	BETWEEN JOIST	SS	STAINLESS STEEL
BTU	BRITISH THERMAL UNIT	STD	
С.	CONDUIT	TAD TV	TRANSFER AIR DUCT TURNING VANES
CA	COMBUSTION AIR	TYP	TYPICAL
CD	CONDENSATE DRAIN	UCD	UNDERCUT DOOR
CFM	CUBIC FEET PER MINUTE	UON	UNLESS OTHERWISE NOTED
DEMO		V	VOLT
CHWS CHWR	CHILLED WATER SUPPLY CHILLED WATER RETURN	VD	VOLUME DAMPER
DL	DOOR LOUVER	VIF	VERIFY IN FIELD
(E)	EXISTING	W/	WITH
EAD	EXHAUST AIR DUCT	WC	
		WT	
		W/O	WITH OUT

DRAWIN	IG INDEX
DWG #	DRAWING DESCRIPTION
M001	MECHANICAL TITLE SHEET
M002	MECHANICAL SCHEDULES
M003	TITLE-24 DOCUMENTS
M004	TITLE-24 DOCUMENTS
M005	TITLE-24 DOCUMENTS
M006	TITLE-24 DOCUMENTS
M201	MECHANICAL GROUND FLOOR PLAN
M202	MECHANICAL SECOND FLOOR PLAN
M203	MECHANICAL ROOF PLAN
M601	MECHANICAL DETAILS
M602	MECHANICAL SYSTEM SCHEMATIC DIAGRAM

GENERAL MECHANICAL NOTES

NTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA MECHANICAL CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA BUILDING CODE, NATIONAL FIRE ROTECTION CODES, AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24.

OCATIONS OF ALL CEILING DIFFUSERS, REGISTERS AND GRILLES ARE DETAILED ON THE ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM ELEVATIONS.

LOCATION OF ALL ROOF OPENINGS AND THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT SUPPORTS ARE DETAILED ON THE STRUCTURAL AND ARCHITECTURAL PLANS.

LATFORMS, CURBS AND FLASHING FOR EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS. COORDINATE THE EXACT SIZES OF REQUIRED OPENINGS AND SUPPORT FOR THE FURNISHED EQUIPMENT.

LL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

ALL DUCTWORK SHALL BE CONSTRUCTED, ERECTED, AND TESTED IN ACCORDANCE WITH THE PPLICABLE SMACNA STANDARDS.

UCTWORK SHALL BE INSULATED WITH 2" FIBERGLASS INSULATION AND ALL SERVICE JACKET. ROVIDE 1" ACOUSTICAL LINER WHERE SHOWN ON PLANS. DUCT DIMENSIONS ON PLANS ARE NET LEAR INTERIOR.

ANUAL DAMPERS SHALL BE PROVIDED IN ALL DUCT BRANCHES TO INDIVIDUAL DIFFUSERS, GRILLES ND REGISTERS.

ALL EQUIPMENT, DUCTS, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE THE UILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHERPROOFED. IPES AND DUCTWORK SHALL BE SUPPORTED AND BRACED PER SMACNA "GUIDELINES FOR SEISMIC

RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS." EXPOSED PIPING ALLOWED ONLY WHERE INDICATED. PROVIDE ESCUTCHEONS IN FINISHED AREAS.

PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR EQUIPMENT PROVIDED UNDER OTHER DIVISIONS OF THE SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EQUIPMENT.

13. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED BY AN APPROVED MATERIAL AS PRESCRIBED IN CBC SECTION 714.

14. REFER TO STRUCTURAL DRAWING FOR LOCATIONS OF BEAMS, SHEAR WALLS AND MEMBERS. ALL DRILLING OF STRUCTURAL BEAMS AND MEMBERS TO BE COORDINATED WITH THE STRUCTURAL ENGINEER. ALL HOLES SHALL BE MINIMUM SIZE AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO DRILLING.

15. FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING, DUCTWORK AND EQUIPMENT PRIOR TO FABRICATION OF ANY NEW WORK.

16. STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36. BOLTS SHALL CONFORM TO ASTM A-307. FABRICATION, ERECTION, WELDING AND PAINTING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS. ALL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED.

17. DUCTWORK VISIBLE THROUGH DIFFUSERS AND REGISTERS SHALL BE PAINTED FLAT BLACK.

18. INSULATION MATERIAL SHALL MEET THE STATE QUALITY STANDARD PER SECTION 120.4 OF THE 2019 CALIFORNIA ENERGY CODE (CEC).

19. DOORS AND WINDOWS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER SECTION 118

20. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTION 120.3 AND TABLE 120.3-A.

CEC.

21. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PER SECTIONS 112 AND 122 CEC. 22. ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE REQUIREMENTS OF SECTIONS 111-113, 115, AND 120-129 CEC.



List Engineering Mechanical Consultants 2 Harris Court Suite A7, Monterey, CA 93940 Telephone (831) 373-4390 / Facsimile (831) 373-6522 www.listengineering.com © LEC 2021 Job No. 21025.00

STAMP



PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA, 94707

PROJECT TEAM	
CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
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NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	04-01-22

DESCRIPTION MECHANICAL TITLE SHEET



VRF OUTI	RF OUTDOOR UNIT SCHEDULE															
MARK	DESCRIPTION	LOCATION	NOMINAL CAPACITY	CAPACITY (BTUH)		MCA	MOCP	ELECT	EFFICIENCY	REFRIGERANT	CONTROL	WEIGHT	SIZE	PART NUMBER	MFG	REMARKS
			TONS	COOLING	HEATING			V/PH	EER/SEER			(LBS)	L x W x H (IN)			
OU-1	HEAT RECOVERY VRF CONDENSER	ROOF	5	60,000	64,000	25	40	230/1	10/18.9	R-410A	THERMOSTAT	260	37-13/32" x 13" x 54-11/32"	ARUB060GSS4	LG	1, CONNECT TO BC-1
OU-2	HEAT RECOVERY VRF CONDENSER	ROOF	5	60,000	64,000	25	40	230/1	10/18.9	R-410A	THERMOSTAT	260	37-13/32" x 13" x 54-11/32"	ARUB060GSS4	LG	1, CONNECT TO BC-2
OU-3	HEAT RECOVERY VRF CONDENSER	ROOF	5	60,000	64,000	25	40	230/1	10/18.9	R-410A	THERMOSTAT	260	37-13/32" x 13" x 54-11/32"	ARUB060GSS4	LG	1, CONNECT TO BC-3
OU-4	HEAT PUMP VRF CONDENSER	ROOF	2	24,000	27,000	20	30	230/1	10.7/17	R-410A	THERMOSTAT	159	37-13/32" x 13" x 32-27/32"	ARUN024GSS4	LG	1

NOTES:

1. SERVICE VALVES, DISCONNECT, SEA COAST COATING , ROOF CURB, INSULATED REFER PIPING.

RK	DESCRIPTION	AREA SERVES D	CV CAPACITY (BTUH)		CFM	OSA	ESP	ELECTR	ICAL	CONTROL	SOUND	WEIGHT	SIZE	PART	MFG	REMARKS
			CLG	HEATING		CFM	(IN)	MCA MOC	P V/PH		dBA	(LBS)	(IN)	NO.		
-1	4-WAY CASSETTE (2x2)	LOBBY	- 5,500	6,100	265	60	-	0.25 15	230/1	THERMOSTAT	29	36	22-7/16" x 22-7/16" x 8-7/16"	ARNU053TRD4	LG	1., 2., CONNECT TO BC-1
-2	4-WAY CASSETTE (2x2)	STAFF	- 5,500	6,100	265	30	-	0.25 15	230/1	THERMOSTAT	29	36	22-7/16" x 22-7/16" x 8-7/16"	ARNU053TRD4	LG	1., 2., CONNECT TO BC-1
-3	4-WAY CASSETTE (3x3)	ADMINISTRATION	- 7,500	8,500	459	40	-	0.71 15	230/1	THERMOSTAT	29	66.6	33-1/16" x 33-1/16" x 9-11/16"	ARNU073TNA4	LG	1., 2., CONNECT TO BC-1
J - 4	4-WAY CASSETTE (3x3)	MEETING	- 9,600	10,900	477	80	-	0.71 15	230/1	THERMOSTAT	29	66.6	33-1/16" x 33-1/16" x 9-11/16"	ARNU093TNA4	LG	1., 2., CONNECT TO BC-1
U-5	WALL MOUNT	MEETING	- 12,300	13,600	300	-	-	0.31 15	230/1	THERMOSTAT	37	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU123SJR4	LG	2., CONNECT TO BC-1
U-6	4-WAY CASSETTE (2x2)	HALL 1	- 5,500	6,100	265	50	-	0.25 15	230/1	THERMOSTAT	29	36	22-7/16" x 22-7/16" x 8-7/16"	ARNU053TRD4	LG	1., 2., CONNECT TO BC-1
U-7	4-WAY CASSETTE (2x2)	HALL 2	- 5,500	6,100	265	50	-	0.25 15	230/1	THERMOSTAT	29	36	22-7/16" x 22-7/16" x 8-7/16"	ARNU053TRD4	LG	1., 2., CONNECT TO BC-2
IU-8	WALL MOUNT	DORM 1	- 5,500	6,100	240	-	-	0.31 15	230/1	THERMOSTAT	30	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU053SJR4	LG	2., CONNECT TO BC-2
IU-9	WALL MOUNT	DORM 2	- 5,500	6,100	240	-	-	0.31 15	230/1	THERMOSTAT	30	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU053SJR4	LG	2., CONNECT TO BC-2
U-10	WALL MOUNT	DORM 3	- 5,500	6,100	240	-	-	0.31 15	230/1	THERMOSTAT	30	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU053SJR4	LG	2., CONNECT TO BC-2
U-11	WALL MOUNT	HALL 3	- 5,500	6,100	240	-	-	0.31 15	230/1	THERMOSTAT	30	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU053SJR4	LG	2., CONNECT TO BC-2
U-12	WALL MOUNT	EXERCISE	- 15,400	17,100	371	-	-	0.31 15	230/1	THERMOSTAT	42	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU153SJR4	LG	2., CONNECT TO BC-2
U-13	WALL MOUNT	DAYROOM	- 7,500	8,500	254	-	-	0.31 15	230/1	THERMOSTAT	32	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU073SJR4	LG	2., CONNECT TO BC-3
U-14	WALL MOUNT	DAYROOM	- 7,500	8,500	254	-	-	0.31 15	230/1	THERMOSTAT	32	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU073SJR4	LG	2., CONNECT TO BC-3
IU-15	WALL MOUNT	CAPTAIN'S OFFICE	- 5,500	6,100	240	-	-	0.31 15	230/1	THERMOSTAT	30	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU053SJR4	LG	2., CONNECT TO BC-3
U-16	WALL MOUNT	OFFICE 1	- 5,500	6,100	240	-	-	0.31 15	230/1	THERMOSTAT	30	20.2	32-5/16" x 12-1/8 x 7-9/16"	ARNU053SJR4	LG	2., CONNECT TO BC-3
U-17	MID STATIC DUCTED	KITCHEN	- 24,200	27,300	600	115	0.59	2.00 15	230/1	THERMOSTAT	51	59	37" x 29" x 11"	ARNU243M1A4	LG	2., 3., 4., CONNECT TO BC-3
U-18	WALL MOUNT	IT/ELEC	- 24,200	25,600	537	-	-	0.65 15	230/1	THERMOSTAT	46	29.5	39-5/16" x 13-9/16" x 3-3/8"	ARNU243SKR4	LG	2., 5., CONNECT TO OU-4
			EACH PORT	SUM OF PORTS												
3C-1	6-Branch Unit	1ST FLOOR	60,000	230,000				0.27	230/1		38	68	31-1/4" x 18-15/16" x 8-5/8"	PRHR063A	LG	3,
BC-2	6-Branch Unit	DORMS, HALL 2&3, Exercise	60,000	230,000				0.27	230/1		38	68	31-1/4" x 18-15/16" x 8-5/8"	PRHR063A	LG	3.
3C-3	6-Branch Unit	OFFICES, KITCHEN, DAYROOM	60,000	230,000				0.27	230/1		38	68	31-1/4" x 18-15/16" x 8-5/8"	PRHR063A	LG	3.

NOTES:

1. PROVIDE OUTSIDE AIR INTAKE KIT (PTVK430) AND FLEXIBLE CONNECTIONS TO AIR DUCT.

2. EC TO PROVIDE DISCONNECT TO UNIT. PROVIDE CONDENSATE PUMP TO EACH INDOOR UNIT IF IT IS NOT ALREADY AVAILABLE.

3. PROVIDE SECONDARY DRAIN PAN W/ WATER DETECTION ALARM THAT SHUTS OFF UNIT IF ACTIVATED.

4. PROVIDE FLEXIBLE CONNECTIONS TO AIR DUCTS.

5. COOLING ONLY. DISABLE HEATING FUNCTION.

INFRARED	RADIANT HEATER												
MARK	DESCRIPTION	LOCATION	HIGH INPUT BTUH	LOW INPUT BTUH	GAS PIPE	AMP	ELECT	CONTROL	WEIGHT	SIZE	PART NUMBER	MFG	REMARKS
					CONNECTION		V/PH		(LBS)	L x W x H (IN)			
IR-1	INFRARED GAS HEATER	ASSEMBLY BAY	35,000	24,000	1/2" NPT	0.1	120/1	MANUAL TIMER	55	48" x 12" x 10"	RSW35-N2	STERLING	1.
IR-2	INFRARED GAS HEATER	ASSEMBLY BAY	35,000	24,000	1/2" NPT	0.1	120/1	MANUAL TIMER	55	48" x 12" x 10"	RSW35-N2	STERLING	1.
IR-3	INFRARED GAS HEATER	ASSEMBLY BAY	35,000	24,000	1/2" NPT	0.1	120/1	MANUAL TIMER	55	48" x 12" x 10"	RSW35-N2	STERLING	1.
IR-4	INFRARED GAS HEATER	ASSEMBLY BAY	35,000	24,000	1/2" NPT	0.1	120/1	MANUAL TIMER	55	48" x 12" x 10"	RSW35-N2	STERLING	1.
IR-5	INFRARED GAS HEATER	ASSEMBLY BAY	35,000	24,000	1/2" NPT	0.1	120/1	MANUAL TIMER	55	48" x 12" x 10"	RSW35-N2	STERLING	2.
IR-6	INFRARED GAS HEATER	ASSEMBLY BAY	35,000	24,000	1/2" NPT	0.1	120/1	MANUAL TIMER	55	48" x 12" x 10"	RSW35-N2	STERLING	2.

NOTES:

1. PROVIDE HEAT SHEILD AND MOUNTING. CEILING MOUNT HORIZONTALLY. INSTALL PER MANUFACTURER INSTRUCTIONS W/ MANUFACTURER RIGID HANGING BRACKETS. FOR EACH HEATER, ROOM EXHAUST TO BE AT LEAST 4 CFM/ 1000 BTUH INPUT.

2. PROVIDE HEAT SHEILD AND MOUNTING. WALL MOUNT AT 30 DEGREES. INSTALL PER MANUFACTURER INSTRUCTIONS W/ MANUFACTURER RIGID HANGING BRACKETS. FOR EACH HEATER, ROOM EXHAUST TO BE AT LEAST 4 CFM/ 1000 BTUH INPUT.

CODE	DESCRIPTION	LOCATION	EXHAUST CFM	OUTSIDE AIR CFM	EA ESP	OSA ESP	EA HP	OSA HP	MCA	MOP	ELECT V/PH	EMERGENCY POWER	CONTROL	SIZE L x W x H (IN)	WEIGHT (LBS)	PART NO.	MFG	REMARKS
ERV-1	AIR TO AIR HEAT EXCHANGER	ROOF	1,475	1,535	1"	1"	1.5	2	29.0	35	208/1	YES	SEE NOTE 2.	68-1/4" x 68-1/4" x 66-1/4"	1,980	RERV 1533	SPINNAKER	1., 2., 3., 4
TES:		•	•	•	•		•						•				•	
	HEAT WHEEL, FAN VFDs, DISCONNECT, OSA DAMPER, BACH	KDRAFT DAMPER, 2" DEFLE	ECTION SPRING ISOLAT	ORS AT FANS, FLANGE	ES,FLEX AND T	RANSISTION	IS AT DUCT (CONNECTIO	NS, ROOF CL	IRB. MERV 1	3 FILTER ON	OSA, UL-1812, DIRTY	FILTER SENSOR. BA	LANCE TO AIRFLOWS ON PLAN	S.			
	FREQUENCY	63 HZ	125 HZ	250 HZ	500 HZ	1 KHZ	2 KHZ	4 KHZ	8 KHZ									
	SOUND POWER LEVEL (DB) @ FREQUENCY	95	100	93	88	84	82	79	76									
	FANS AND HEAT WHEEL TO RUN CONTINUOUSLY. OSA DAM	MPER TO CLOSE WHEN ER	V IS OFF.					-	-									
	WRAP ERV WITH SOUND DEADENING MATERIAL (MANUFAC	TURER: PIPE AND DUCT LA	AGGING. MODEL: B-10 L/	AG/QFA-9. 2 LB BARRIE	ER WITH 2" THI	CK FIBERGL	ASS DECOUR	PLER). WEIG	HT INCLUDE	D IN ERV.								
	PROVIDE SOUND ATTENUATOR SA-1 AT OUTSIDE SUPPLY A	AIR INLET AND SOUND ATT	FENUATOR SA-2 AT EXH	AUST OUTLET OF ERV	. WRAP SOUNI	O ATTENUAT	ORS W/ SOL	JND DEADEN	IING MATERI	AL (PIPE ANI	DUCT LAGO	ING - B-10 LAG/QFA-	9).					
CODE	MANUFACTURER/ MODEL	DIMENSION	PRESSURE	WEIGHT			SOUND TRA	ANSMISSION	I LOSS (DB) A	T FREQUEN	CY (HZ)							
			DROP		31.5 HZ	63 HZ	125 HZ	250 HZ	500 HZ	1 KHZ	2 KHZ	4 KHZ	8 KHZ					
	PIPE AND DUCT LAGGING/ B-10 LAG/QFA-9	-	-	2 LB/SQFT	-	-	21	24	29	41	54	68	-					
SA-1	IAC ACOUSTICS/ 3LFL	20" x 14" x 36"	0.05"	34 LB	0	4	7	13	17	17	11	11	10					
<u></u>																		

FAN	N SCHE	EDULE												
C	ODE	MFR	MODEL	CFM	ESP IN	FAN	ELECTRICAL			SIZE (IN)	WEIGHT (LBS)	AREAS SERVED	SONES	COM
					(IN)	RPM	BHP	HP	V/PH		(LB)			
E	EF-1	CAPTIVEAIRE	SIF18DD-HE	2,400	0.5"	1105	0.470	1	208/3	28" x 28" x 38"	265	ASSEMBLY BAY	8.9	1., 2
NOTE	S:													

1. MOTOR STARTER, DISCONNECT, 2" DEFLECTION SPRING ISOLATORS, FLEX CONNECTIONS, BDD, BELT GUARD, MOUNTING BRACKETS

2. RUN CONTINUOUSLY.

3. 3-PHASE FAN WITH VFD THAT ACCEPTS SINGLE PHASE INPUT.

OMMENTS	
1., 2., 3.	



List Engineering Mechanical Consultants 2 Harris Court Suite A7, Monterey, CA 93940 Telephone (831) 373-4390 / Facsimile (831) 373-6522 www.listengineering.com © LEC 2021 Job No. 21025.00

STAMP



PROJ	ECT TEAM		
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AF	RCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
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ES	TIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626	
NO.			DATE
	ISSUED FOR	BUILDING PERMIT	04-01-22
JOB N	10.		

DESCRIPTION MECHANICAL SCHEDULES

M002

ite of california 1velope Compon cc-env-e	ent Approach					CALI	FORNIA ENERGY COMMISSION	Envelope NRCC-ENV-E	e Component	t Appro	oach						CALIFORNIA EN	IERGY COMMISSION
RTIFICATE OF COMPLIANO							NRCC-ENV-E		OF COMPLIANCE									NRCC-ENV-E
							<u>b)1</u> for alterations, related to	Project Name				Kensington	Public Safety Building					(Page 4 of 15)
	nblies. It is also used to de of, wall, floor, door, fenesti			requirements in <u>§1</u>	<u>40.3</u> for newly consi	tructed buildings, and §1	<u>141.0</u> for additions and	Project Addr	ess:				217 Arlington Ave.	Date Prepared:				3/9/2022
oject Name:	<i>j, wan, jiooi, aooi, jenes</i> a	1010 U.S.	n Public Safety Buildin	Report Page:			(Page 1 of 15)											
oject Address:		Kensingre	3	e. Date Prepared:			3/9/2022	F. ROOF AS	SEMBLY SCHEDU	ULE								
ojoet i luur ooor			21, 14 mg to 17.00				5,5,2022	07	08		09	10	11 12	13	14		15	16
GENERAL INFORMA	TION							T (D) D	How Desi	ign p		<u> </u>	Cavity Contin	uous Thermal	Required			
1 Project Location (city		Kensington	05 # of	Stories (Habitable)	Above Grade)		1	Tag/Plan D	U-factor w	Nas KC	Roof Type & Frame	e Spacing Insi	ulation per Insulation			U-f	actor per Design	Net Area ³ ft ²
2 Zipcode		94707		al Conditioned Floor	· · · ·		3227	ID	determin	ed Fran	ame Material D	epth	Design Desi	gn Unit	Performance	2		
		94707														per J/	44	
3 Climate Zone		3		l Unconditioned Flo	oor Area (ft²)		1570	Roof	JA4 Table	es	Wood		0.0 15.	0 U-factor	0.082	per Soft	Nare/	215
constitutes >= 80% o	thin Project: (select all that of the conditioned floor ar signed to comply with the	ea, the entire buildi		Project includes ur height of at least 1	nconditioned enclose 15 ft. ¹	ed space(s) > 5,000 ft ² u	nder a roof with a ceiling						ay show compliance erations demonstratio			Othe etal building i	er 0.0809	mbined with other
	ncluding Relocatable Publi	c School						² If "R-value	" is shown in cell 1	13 as the T	Thermal Performan	ce Unit, the R-	value shown here is ;	or continuous insula	ation per Table 141.	. <i>0-C</i> .		
	use in one climate zone ($\nabla c = n n n n n n n n n n n n n n n n n n$	elocatable Public Sch		e in High-Rise		tel/Motel Guest Rooms	³ Roof area	minus any fenestr	ation/ sky	ylight area							
A/B/E/F/H/M/	'S/U	d	l climate zones Occu	ipancy. E	Occupanc	y. R-2 / R-5	cupancy: R-1	_				_						
OOTNOTE: Enclosed sp	cases > 5,000 ft ² directly (under roof with ceili	ng height > 15 ft in c	climate zones 2 thro	ough 15 are required	to meet the minimum d	aylighting requirements		-	-	of/Ceiling Assemblie	'S						
fined in <u>§140.3(c)</u> . Com	npliance with <u>§140.3(c)</u> is	documented in Tabl	e L. This is the only p	prescriptive requirer	ment which applies t	o unconditioned spaces.	(45) 3(3) 2(3) (5	This section	does not apply to	o this proje	ject.							
								Span Deck /	And Concrete Roo	f Assemb	blies							
PROJECT SCOPE								This section	does not apply to	o this proje	ject.							
	ct envelope components w	vithin the permit app	lication demonstrat	ing compliance usir	ng the prescriptive po	aths outlined in <u>§140.3</u> ,	and <u>§141.0(a)1</u> and	Metal Pane	l Assemblies									
41.0(b)1 and 2 for add	litions and alterations.						1222 C		does not apply to	this proje	iect							
	My project consists of (check all that apply				Component Types			•••		· - ر							
	01					02			ling Roof Assembl									
New Construction or	Newly Conditioned Space	e			101	Walls	Exterior Doors	This section	does not apply to	o this proje	ject.							
	enclosed spaces > 5,000 ft		with cailing baight	<u></u> □	Roof		enestration/ Glazing Doors ¹	Area-Weigh	nted Average U-fac	ctor Comp	pliance Calculation	for Framed/S	SIPs/ Span Deck & Co	ncrete/ Metal Pane	el Roofs			
			with centrig height.	21510					01			02		03	04		05	
Addition of condition	13. In 19. In 19		S. 5. 525 52 55 5		Roof		Exterior Doors						Δ	rea-weighted U-fact		Con	npliance Results Usi	ng Aron Moightod
	closed spaces > 5,000 ft ²	directly under roof	with ceiling height >				enestration/ Glazing Doors ¹		Roof Type		Total Ar	ea of Roof Typ	pe (ft ²)				Calculation (
Alteration of condition	oned space			🛛 🛛 Roof	Assembly 🛛	Walls Ext	erior Doors NA. for Alts.							Required	Designed	02624		
	closed spaces > 5,000 ft^2		with ceiling height >	15ft Boofir	ng Material	Floors 🛛 F	enestration/ Glazing Doors		Framed			2057		91200777831793 0. 7457462	074959309674282. 50218765	93631		
and lighting syst	tem installed for the first f	time					chestrationy diazing boors		otal for all Roof Ty			2057	C	0.076	0.075		COMPLI	FC
OOTNOTE: Doors that a	are more than one-half glo	ass in area are consi	dered Glazed Doors	and should be docu	imented on table K w	vith fenestration.					pliance Calculation			0.078	0.075		COIVIPLI	<u></u>
A Building Energy Efficienc	cy Standards - 2019 Nonresid	dential Compliance	Statute and a	: Version: 2019.1.003 a Version: rev 202006		Report	Generated: 2022-03-09 14:15:23	CA Building	Energy Efficiency Sta	andards - 2	2019 Nonresidential C	ompliance	Report Ve	rsion: 2019.1.003			Report Generated:	2022-03-09 14:15:23
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U-factor

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Registration Provider: Energysoft Report Generated: 2022-03-09 14:15:23

Project Address:	2177
F. ROOF ASSEMBLY SCHEDULE	

Registration Number: Registration Date/Time: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2022-03-09 14:15:23 Schema Version: rev 20200601

CERTIFICATE OF COMPLIANCE

STATE OF CALIFORNIA Envelope Component Approach CALIFORNIA ENERGY COMMISSION NRCC-ENV-E

Kensington Public Safety Building Report Page:

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Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

STATE OF CALIFORNIA NRCC-ENV-E CERTIFICATE O Project Name: Project Addres

H. WALL AS 03 Tag/Plan De

SW Exterio

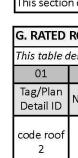
Wall

Wall

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E Exterior \ NE Exterio

Wall



NRCC-ENV-E

(Page 3 of 15)

Nonresidential/

Relocatable 1 CZ

Nonresidential/

Relocatable 1 CZ

Nonresidential/

Relocatable 1 CZ

15

0.0809

0.0809

0.0809

0.0809

0.0339

0.0339

Other

per Software/

Other per JA4

per Software/

Other

0.034

0.034

per JA4

16

Net Area³ ft

250

282

570

480

130

130

3/9/2022

NW Exteric

E Exterior V

Registration Number:



Project Name: Project Address: Arlington Ave. Date Prepared:

ramed Roof Assemblies Roof new code roof New new code roof Roof New code roof 2 Roof Altered 07 13 08 09 10 11 12 14 Cavity How Design Thermal Required Continuous Tag/Plan Detail Roof Type & rame Spacin U-factor was sulation per nsulation per Performance Thermal U-factor per Design Frame Material Depth ID Design Design Unit Performance determined per JA4 Roof JA4 Tables Wood 0.0 15.0 U-factor 0.082 per Software/ Other per JA4 Roof JA4 Tables Wood 0.0 15.0 U-factor 0.082 per Software/ Other per JA4 Roof JA4 Tables Wood 0.0 15.0 U-factor 0.082 per Software/ Other per JA4 Roof JA4 Tables Wood 0.0 15.0 U-factor 0.082 per Software/

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Registration Number:

Roof

Roof

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Wood

Wood

STATE OF CALIFORNIA Envelope Component Approach

NRCC-ENV-E CERTIFICATE OF COMPLIANCE Project Address: Kensington Public Safety Building Report Page:

H. WALL ASSEN	/IBLY SCHEDULE		
03	04	05	06
Tag/Plan Detail ID	Occupancy & Status	How Design U-factor was determined	Location
SW Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wall
NW Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wall
NE Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wall
NE Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wall
NE Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wall
SE Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wall

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

STATE OF CALIFORNIA Envelope Component Approach

NRCC-ENV-E CERTIFICATE OF COMPLIANCE Project Name: Project Address:

03	04	05	06	07	08	09	10	11	12		13
Tag/Plan Detail ID	Occupancy & Status	How Design U-factor was determined	Location	Frame Material, Spacing & Depth	Cavity Insulation per Design	Continuous Insulation per Design	Thermal Performance Unit	Required Thermal Performance	U-factor pe	r Design	Net Area ³ ft ²
	Nonresidential/								per JA4		
NE Exterior Wall	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	323
	Nonresidential/								per JA4		
NW Exterior Wall (skylight)	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	21
	Nonresidential/								per JA4		
SE Exterior Wall (skylight)	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	21
	Nonresidential/								per JA4		
SW Exterior Wall	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	48
	Nonresidential/								per JA4		
SW Exterior Wall	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	246
	Nonresidential/								per JA4		
SW Exterior Wall	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	158

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

STATE OF CALIFORNIA

Envelope Component Approach

NRCC-ENV-E CERTIFICATE OF COMPLIANCE

Project Name: Project Address:

03	04	05	06	
Tag/Plan Detail ID	Occupancy & Status	How Design U-factor was determined	Location	
NW Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wal	
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NW Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wal	
NE Exterior Wall	Nonresidential/ Relocatable 1 CZ: New	JA4 Tables	Exterior wal	
wall types. Wood demonstrating c	any individual ass I framed walls an ompliance with R	e combined wi -values in Tabi	ith SIPS, spandre	

Registration Date/Time:

Registration Provider: Energysoft

Report Version: 2019.1.003 Schema Version: rev 20200601 Report Generated: 2022-03-09 14:15:23

Envelope Component Approach

• •	CALIFORNIA ENERGY COMMISSION
DF COMPLIANCE	NRCC-ENV-E
: Kensington Public Safety Building	g Report Page: (Page 6 of 15)
ss: 217 Arlington Ave.	. Date Prepared: 3/9/2022

	04	05	06	07	08	09	10	11	12		13	
Detail	Occupancy & Status	How Design U-factor was determined	Location	Frame Material, Spacing & Depth	Cavity Insulation per Design	Continuous Insulation per Design	Thermal Performance Unit	Required Thermal Performance	U-factor pe	r Design	Net Area ³ ft ²	
	Nonresidential/								per JA4			
rior	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	89	
	Nonresidential/								per JA4			
rior	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	24	
	Nonresidential/								per JA4			
rior		JA4 Tables Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	212		
	Nonresidential/									per JA4		
r Wall	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	146	
	Nonresidential/								per JA4			
rior	Relocatable 1 CZ: New	JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	12	
	Nonresidential/								per JA4			
r Wall		JA4 Tables	Exterior wall	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	101	

Registration Date/Time:

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CALIFORNIA ENERGY COMMISSION NRCC-ENV-E

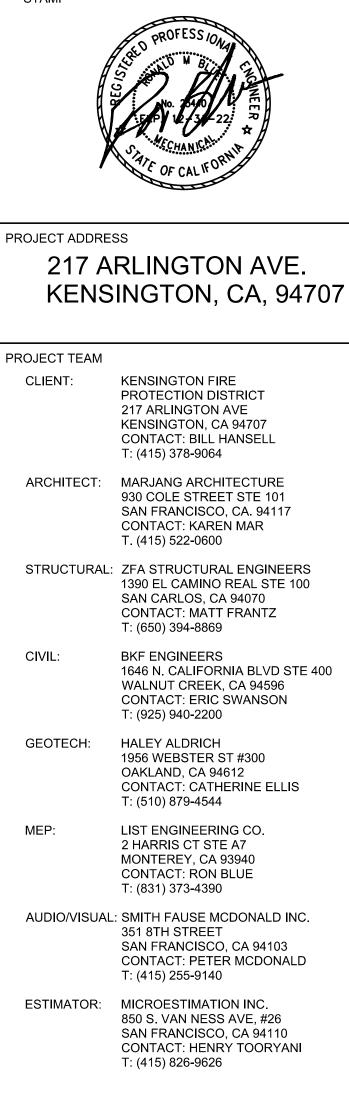
(Page 7 of 15)

3/9/202



Mechanical Consultants 2 Harris Court Suite A7, Monterey, CA 93940 Telephone (831) 373-4390 / Facsimile (831) 373-6522 www.listengineering.com © LEC 2021 Job No. 21025.00

STAMP



NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	04-01-22

M003

DESCRIPTION TITLE 24 DOCUMENTS

	07	08	09	10	11	12		13
	Frame Material, Spacing & Depth	Cavity Insulation per Design	Continuous Insulation per Design	Thermal Performance Unit	Required Thermal Performance	U-factor pe	r Design	Net Area ³ ft ²
	Magd 1/2" mm 16"					per JA4		
Wood 1/2" gyp 16" OC		R 11	0.0	U-factor	0.11	per Software/ Other	0.11	38
						per JA4		
	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	35
						per JA4		
	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	38
						per JA4		
	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	179
						per JA4		
	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	178
						per JA4		
	Wood 1/2" gyp 16" OC	R 11	0.0	U-factor	0.11	per Software/ Other	0.11	152

Registration Provider: Energysoft Report Generated: 2022-03-09 14:15:23

Report Version: 2019.1.003 Schema Version: rev 20200601

Registration Date/Time:

CALIFORNIA ENERGY COMMISSION NRCC-ENV-E (Page 8 of 15)

3/9/2022

Kensington Public Safety Building Report Page: 217 Arlington Ave. Date Prepared:

217 Arlington Ave. Date Prepared:

Registration Provider: Energysoft

Report Generated: 2022-03-09 14:15:23

Report Version: 2019.1.003 Schema Version: rev 20200601

Registration Date/Time:

CALIFORNIA ENERGY COMMISSION

NRCC-ENV-E (Page 9 of 15) Kensington Public Safety Building Report Page: 3/9/2022 217 Arlington Ave. Date Prepared: 13 08 09 10 11 Continuous Cavity Thermal Required Net Frame Material, nsulation per Insulation per Performance Thermal U-factor per Design Area³ Spacing & Depth Design Design Unit Performance per JA4 Wood 1/2" gyp 16' per R 11 0.0 U-factor 0.11 86.5 OC Software/ 0.13 Other per JA4 /ood 1/2" gyp 16' per R 11 0.0 U-factor 0.11 86.5 OC Software/ 0.13 Other per JA4 Nood 1/2" gyp 16' per 0.11 R 11 0.0 U-factor 140 OC Software/ 0.13 Other per JA4 Wood 1/2" gyp 16" per R 11 0.0 0.11 U-factor 00 Software/ 0.11 Other mblies may show compliance using an area-weighted calculation. Metal framed walls may not be combined with other rel & curtain, metal panel and straw bale wall types. The area-weighted compliance option is not available for alterations nit, the R-value shown here is for cavity insulation per <u>§141.0(b)1B</u>.

Registration Date/Time:

Report Version: 2019.1.003 Schema Version: rev 20200601 Registration Provider: Energysoft

Report Generated: 2022-03-09 14:15:23

ject Name:	Kensingto	n Public Safety Building	Report Page:			
ject Address:		217 Arlington Ave.	Date Prepared	1		
WALL ASSEMBLY SCHEDULE						
ea-Weighted Average U-factor C	compliance Calculation for Wood Fr	amed/ SIPs/ Spandre	l/ Curtain/ M	etal Panel/ Straw Ba		
01	02	03		04		
\\$/_ T	Total Area of Wall Type (ft ²)	Area-weighted U-factor for Wall Type				
Wall Type	iotal Alea of Wall Type (it)	Required		Designed		
Framed	2409	0.11		0.11		
Total for all Wall Types:	2409	0.11		0.11		

I. FLOOR ASSEMBLY SCHEDULE This section does not apply to this project. J. EXTERIOR DOOR SCHEDULE This table demonstrates compliance with prescriptive exterior door requirements in <u>\$140.3(a)7</u> for new construction or additions. Doors which are being replaced (alterations) do not need to be documented in this table because there are no Title 24, Part 6 requirements that apply. Exterior doors separate conditioned space from unconditioned space or from ambient air. Doors that are more than one-half glass in area are considered Glazed Doors and should be documented on Table K with fenestration per Table B. 01 04 02 03 05 06 07 Maximum U-factor per Design Tag/Plan Detail ID Name/Description Occupancy Type Door Type Door Insulation wed U-factor Metal Door Nonresidential/ Relocatable 1 C Swinging Any other wood door 0.7 per JA4 0.7 Insulated Door Nonresidential/Relocatable 1 CZ 0.11 per JA4 0.102 Any other wood door Swinging

K. FENESTRATION AND GLAZED DOOR SCHEDULE This table demonstrates compliance with prescriptive fenestration requirements in \$140.3(a)5 for new constructions or additions, or \$140.1(b)2A for alterations. Exterior doors that are more than one-half glass in area are considered Glazed Doors and should be documented on this table with fenestration. Glazed Doors (new only) 01 Indicate fenestration types included in the project:¹ 🛛 Vertical (alterations) 🔲 Vertical (new) 🔲 Skylights FOOTNOTES: Floor types indicated above as "(new only)" do not have Title 24, Part 6 requirements for alterations. New construction and additions do have requirements and should be clicked above and compliance demonstrated within this table.

Calculate Area-Weighted Average U-factor for Vertical Fenestration and Glazed Doors¹ 01

Registration Number:

CERTIFICATE OF COMPLIANCE

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

07

Method

Table 140.3-B/C/D

Table 140.3-B/C/D

Table 140.3-B/C/D

Registration Provider: Energysoft Report Generated: 2022-03-09 14:15:23

CALIFORNIA ENERGY COMMISSION

Compliance Results Using Area-Weighted

Calculation Option

COMPLIES

NRCC-ENV-E

3/9/20

(Page 10 of 15)

CALIFORNIA ENERGY COMMISSION

12

Product

0.46

0.22

0.5

0.46

0.22

0.5

0.46

0.22

0.5

0.46

0.22

0.5

0.46

0.22

0.5

0.46

0.22

0.5

Registration Provider: Energysoft

NRCC-ENV-E

3/9/2022

(Page 12 of 15)

Performance Area

11

Required

Product

0.46

0.22

0.32

0.46

0.22

0.32

0.46

0.22

0.32

0.46

0.22

0.46

0.22

0.46

0.22

0.32

0.32

0.32

VT (min)

VT (min)

U-factor (max)

(R)SHGC (max)

VT (min)

VT (min)

VT (min)

VT (min)

Performance per Design

RCC-ENV-E
e 11 of 15)
3/9/2022

Project Name:
Project Addres
K. FENESTR
Area-Weight
7

NRCC-ENV-E

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	L. DAYLIGI
1	The second of

Yes

Yes

STATE OF CALIF	ORNIA
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NRCC-ENV-E	
CERTIFICATE	OF COMPLIANCE

Project Name:

Project Address:

company.
Address:
City/State/Zip

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601

Registration Provider: Energysoft Report Generated: 2022-03-09 14:15:23

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Registration Number:

Schema Version: rev 20200601

Report Generated: 2022-03-09 14:15:23

CALIFORNIA ENERGY COMMISSION

STATE OF CALIFORNIA Envelope Component Approach NRCC-ENV-E

CERTIFICATE OF COMPLIANCE Kensington Public Safety Building Report Page:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Project Name: Project Address:

K. FENESTRATION AND GLAZED DOOR SCHEDULE Vertical Fenestration And Glazed Doors- U-factor, Solar Heat Gain Coefficient (RSHGC/ SHGC), Visible Transmittance (VT) 04 05 10 08 09 11 12 13 Product Product Required Tag/Plan SHGC Compliance VT Compliance Calculation Method for Fenestrati Occupancy & Status Performance Product Performance Area ft Detail ID Туре Method Method erformance Values per Desigr Unit Performance per Design U-factor (max) NFRC Certified 0.46 0.46 Nonresidential/ Table Operable Window Table 140.3-B/C/D 140.3-B/C/D (R)SHGC (max) 0.22 0.22 Relocatable 1 CZ : New window Overhang used for RSHG0 0.32 0.5 VT (min) NFRC Certified U-factor (max) 0.46 0.46 Operable Nonresidential/ Table Window Table 140.3-B/C/D (R)SHGC (max) 0.22 0.22 140.3-B/C/D window elocatable 1 CZ : New Overhang used for RSHGC VT (min) 0.32 0.5 NFRC Certified U-factor (max) 0.46 0.46 Table Operable Nonresidential Window Table 140.3-B/C/D 0.22 (R)SHGC (max) 0.22 window elocatable 1 CZ : New 140.3-B/C/D Overhang used for RSHGC VT (min) 0.32 0.5 0.46 NFRC Certified U-factor (max) 0.46 Nonresidential/ Operable Table Window Table 140.3-B/C/D (R)SHGC (max) 0.22 0.22 140.3-B/C/D elocatable 1 CZ : New window Overhang used for RSHGC 0.32 0.5 VT (min) NFRC Certified 0.46 U-factor (max) 0.46 Nonresidential/ Operable Table Window Table 140.3-B/C/D (R)SHGC (max) 0.22 0.22 140.3-B/C/D window elocatable 1 CZ : Nev Overhang used for RSHGC 0.32 0.5 VT (min) 0.46 NFRC Certified U-factor (max) 0.46 Table Nonresidential/ Operable Table 140.3-B/C/D Window (R)SHGC (max) 0.22 0.22 window Relocatable 1 CZ : New 140.3-B/C/D Overhang used for RSHGC VT (min) 0.32 0.5

Table 140.3-B/C/D 140.3-B/C/D NFRC Certified Table Table 140.3-B/C/D 140.3-B/C/D Overhang used for RSHGC

Table

Table

140.3-B/C/D

Table

140.3-B/C/D

Registration Date/Time:

217 Arlington Ave. Date Prepared:

Report Version: 2019.1.003

140.3-B/C/D

Table

08

Table Table 140.3-B/C/D 140.3-B/C/D NFRC Certified Overhang used for RSHGC

)SHGC Compliance VT Complianc Method NFRC Certified Overhang used for RSHGC

Calculate Area-Weighted Average VT for Vertical Fenestration and Glazed Doors¹ rertical Fenestration And Glazed Doors- U-factor, Solar Heat Gain Coefficient (RSHGC/ SHGC), Visible Transmittance (VT) 09 10 Product Calculation Method for Performance Performance Values per Desig Unit U-factor (max) (R)SHGC (max)

NFRC Certified

NFRC Certified

NFRC Certified

Overhang used for RSHGC

Overhang used for RSHGC

Overhang used for RSHGC

Calculate Area-Weighted Average (R)SHGC for Vertical Fenestration and Glazed Doors¹

e Wall Type

Kensington Public Safety Building Report Page: 217 Arlington Ave. Date Prepared:

Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601

Vertical Fenestration And Glazed Doors- U-factor, Solar Heat Gain Coefficient (RSHGC/ SHGC), Visible Transmittance (VT)

Envelope Component Approach

05

enestrati

Туре

Operable

window

Operable

Operable

Operable

window

Operable

window

Operable

window

window

window

K. FENESTRATION AND GLAZED DOOR SCHEDULE

06

Occupancy & Status

Nonresidential/

Relocatable 1 CZ : New

Nonresidential/

Relocatable 1 CZ : New

Nonresidential/

Relocatable 1 CZ : New

Nonresidential/

elocatable 1 CZ : New

Nonresidential/

elocatable 1 CZ : New

Nonresidential/

Relocatable 1 CZ : New

STATE OF CALIFORNIA

NRCC-ENV-E

Project Name:

Project Address:

03

04

Tag/Plan

Detail ID

Window

Window

Window

Window

Window

Window

Registration Number:

STATE OF CALIFORNIA

CERTIFICATE OF COMPLIANCE

NRCC-ENV-E

Envelope Component Approach

STATE OF CALIFORNIA

Envelope Component Approach

NRCC-ENV-E

Project Name:

Project Address:

(. FENESTRAT ertical Fenes

04

Tag/Plan

Detail ID

Window

Window

Window

FOOTNOTES: I

rea-weighted

CERTIFICATE OF COMPLIANCE

CALIFORNIA ENERGY COMMISSION

NRCC-ENV-E

3/9/20

(Page 13 of 15)

STATE OF CALIFORNIA															_	
Mechanical NRCC-MCH-E	-							(CALIFORNIA	ENERGY CC	MMISSION		Lis	st Enginee	ering	
CERTIFICATE OF CC	OMPLIANCE used to demonstrate complia	ance for mechanic	cal systems that are with	in the scope	of the permit	application	and are dem	onstratina c	ompliance u	10.	RCC-MCH-E			anical Consultants	U	
	<u>\$140.4</u> , or <u>\$141.0(b)2</u> for alte	-	carsystems that are with	in the scope	oj tile permit	аррисацот а	ina are aem	onstruting c	ompliance a	_			2 Harris	s Court Suite A7, Montere	ev. CA 93940	
Project Name: Project Address:		ĸ	ensington Public Safety Bu 217 Arlingto	ilding Report						(F	age 1 of 18) 3/9/2022		Teleph	one (831) 373-4390 / Fac	simile (831) 373-	-6522
A. GENERAL INI			10 11831 webbalanti €rahm											stengineering.com © LEC . 21025.00	2021	
01 Project Locat			Kensington	04	Total Conditio	ned Floor Are	ea		{	3227						
02 Climate Zone			3		Total Uncondi					1570						
03 Occupancy I	ypes Within Project:	🔲 Retail (M	1)		# of Stories (⊢ Non-refrigerat					1		ST	AMP			
Hotel/ Motel	l Guest Rooms (R-1)	School (E	E)		Healthcare Fa	cility (I)	.,			10 M						
High-Rise Re:	sidential (R-2/R-3)	🔲 Relocata	ble Class Bldg (E)		Other (write ii	ו)			See	e Table J				PROFESS /ONA	Ø	
B. PROJECT SCC		<i>N</i> .						-5		18 A.			h		E.	
	es mechanical systems or com <u>O(b)2</u> for alterations.	nponents that are	within the scope of the	permit appli	cation and are	demonstrati	ing compliar	nce using the	e prescriptiv	e path outli	ned in		A	No. 264/0		
	01			02					03				Ŕ	EPY 12+34-22		
🛛 Heat	Air System(s) ing Air System		Wet Sy	stem Compo mizer	nents		D Ai	Dry Syst r Economize	em Compon r	ents				STAR CHANICAL	× J	
	ing Air System	1	Pumps					ectric Resista					,	F OF CALIFOR	4	
Maak	Mechanical Controls hanical Controls (existing to re	omain altarad	System Pipin	g			🛛 Fa	n S y stems								
or ne	2 A A A A A A A A A A A A A A A A A A A	emain, alterea	Cooling Towe	ers				ictwork (exi	sting to rem	ain, altered	or new)	PROI	ECT ADDRI	ESS		
		-	Chillers Boilers					ntilation	/ Terminal B	oves						
			D Doners					nai systems		UAE3						_
														SINGTON, C	, 9470) (
													IENT:	KENSINGTON FIRE		
														PROTECTION DIST		
														217 ARLINGTON AV KENSINGTON, CA 9	4707	
Registration Numl	ber:		Re	gistration Date	e/Time:				Registrat	ion Provider:	Energysoft			CONTACT: BILL HA T: (415) 378-9064	NSELL	
CA Building Energ	y Efficiency Standards - 2019 No	onresidential Compl		port Version: 2 hema Version:	2019.1.003 rev 20200601			Re	port Generate	ed: 2022-03-0	9 14:15:23		RCHITECT:	· · ·	CTURE	
STATE OF CALIFORNIA Mechanical													Chirlet.	930 COLE STREET SAN FRANCISCO, C CONTACT: KAREN I T. (415) 522-0600	STE 101 A. 94117	
NRCC-MCH-E	OMPLIANCE							(CALIFORNIA		MMISSION RCC-MCH-E	en	RUCTURA	L: ZFA STRUCTURAL	ENGINEEDO	
Project Name:		К	ensington Public Safety Bu	STOCK PERSON INTERVIEW UND						23.2	age 2 of 18)		NUCTORA	1390 EL CAMINO RE	EAL STE 100	
Project Address:			217 Arlington	n Ave. Date Pr	epared:						3/9/2022			SAN CARLOS, CA 9 CONTACT: MATT FF		
C. COMPLIANC	E RESULTS													T: (650) 394-8869		
	ate if the project data input ir							litable by the	e user. If this	table says	'DOES	CI	VIL:	BKF ENGINEERS 1646 N. CALIFORNI/		
01 System		03 Fans/	04 System	05	06		07		08		09			WALNUT CREEK, C CONTACT: ERIC SV T: (925) 940-2200	A 94596	0
Summary AN <u>§110.1</u> , <u>§110.2</u> , <u>§140.4</u>	§140.4(k) §1	nomizers AND <u>40.4(c)</u> , <u>40.4(e)</u>	Controls AND Ve §110.2, \$ \$ §120.2, \$ \$ §140.4(f) \$ \$	ntilation A	ND Contro <u>§140.4(</u>	ls	Distribution <u>§120.3</u> , <u>§140.4(l)</u>		oling Towers 3 <u>110.2(e)2</u>		nce Results	G	EOTECH:	HALEY ALDRICH 1956 WEBSTER ST OAKLAND, CA 9461		
(See Table F)				e Table J)	(See Tabl		See Table L)		ee Table M)		T COMPLY			CONTACT: CATHEF T: (510) 879-4544		
No AN		Yes AND	Yes AND		ND ails)	AND	Yes	AND COMPLIES		DOES NO	T COMPLY		- D.	· · ·	~~	
												M	EP:	LIST ENGINEERING 2 HARRIS CT STE A		
D. EXCEPTIONA	-filled with uneditable comm	ents hecause of si	elections made or data	entered in tai	hles throughou	it the form								MONTEREY, CA 939 CONTACT: RON BL		
	~	ento because of st			oleo tinougilot	it the jointh								T: (831) 373-4390		
E. ADDITIONAL This table include	REMARKS es remarks made by the perm	nit applicant to the	e Authority Having Juriso	diction.								AL	JDIO/VISUA	L: SMITH FAUSE MCD 351 8TH STREET SAN FRANCISCO, C CONTACT: PETER I	A 94103	
												ES	STIMATOR:	T: (415) 255-9140 MICROESTIMATION	INC.	
														850 S. VAN NESS A SAN FRANCISCO, C CONTACT: HENRY T: (415) 826-9626	A 94110	
Registration Numl	ber:		Re	gistration Date	e/Time:				Registrat	ion Provider:	Energysoft					
CA Building Energ	y Efficiency Standards - 2019 No	nresidential Compl		port Version: 2				Re	port Generate	ed: 2022-03-0	9 14:15:23					
			Sc	nema Version:	rev 20200601											
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Mechanical NRCC-MCH-E	Systems							(CALIFORNIA	ENERGY CO	MMISSION					
CERTIFICATE OF CC	DMPLIANCE									Ν	RCC-MCH-E					
Project Name: Project Address:		К	ensington Public Safety Bu 217 Arlingtor	ilding Report	121-508-675109					(F	age 3 of 18) 3/9/2022					
											-/-/	NO.				
	A SUMMARY (DRY & WET	· · · · · · · · · · · · · · · · · · ·											ISSUED FC		04-0	01-22
	to demonstrate compliance j 140.4(<u>k)</u> or <u>§141.0(b)2</u> for al		quipment with mandato	ry requireme	nts found in <u>§</u>	<u>110.1</u> and <u>§1</u>	<u>10.2(a)</u> and	l prescriptiv	e requireme	nts found in	<u>§140.4(a)</u> ,					
and an annual share a start	pment Sizing (includes air co		ensers, heat pumps, VR	F, furnaces a	nd unit heate	rs)										
01	02		03	04	05	06	07	08	09	10	11					
						Equipm	ent Sizing pe	er Mechanic <u>§140.4</u> (a&b		(KB(U/h)						
Name or Item	Equipment Category per	Equipment Tunc	per Tables 110.2 / Title	Smallest Si	2e	leating Outpu	ut ^{2,3}	Cooling	Output ^{2,3}	Load Calc						
Name or Item Tag	Equipment Category per Tables 110.2	счартент туре	20	Available §140.4(a)		n Rated	Supp. Heating	Sensible	Pated	Total Heating	Total Sensible					
				<u></u>	1 01 00018	n Rated (kBtu/h)	Output	Per Design (kBtu/h)	Rated (kBtu/h)	Load	Cooling Load					
							(kBtu/h)	((kBtu/h)	(kBtu/h)					
OU-1	Variable Refrigerant Flow	VRF heat p	pump, air cooled	NA: Load Controls	6115	64	0	60.8	60	51.07	39.68					
OU-2	Variable Refrigerant Flow	VRF heat r	pump, air cooled	NA: Load	61.15	64	0	60.73	60	50.74	42.77	JOB	10.			
				Controls NA: Load	1	-										
OU-3	Variable Refrigerant Flow	VKF heat p	pump, air cooled	Controls	61.15	64	0	59.95	60	52.79	63.87					
OU-4 (Cooling only)	Variable Refrigerant Flow	VRF heat p	pump, air cooled	NA: Load Controls		64	0	23.12	24	5.03	11.91	DESC	RIPTION]
	uipment shall be the smallest acare facilities are excepted.	size, within the a	vailable options of the c	lesired equip	ment line, nec	essary to me	et the desigi	n heating an	nd cooling lo	ads of the b	uilding per	וד	TLE 24 DOC	CUMENTS		
	icare facilities are excepted. actice to show rated output co	apacity on the eq	uipment schedule. Sensi	ble cooling o	utput comes fi	om specifica	tion sheet to	ables.								
	heating only, leave cooling ou				e heating out	out and load	blank.									
* Authority Havin	g Jurisdiction may ask for loa	id calculations use	ed for compliance per <u>§1</u>	<u>40.4(b)</u> .												

NRCC-MCH-E	
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Project Name:	
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	a Constraint and a second diversion of the second			Same starts	
0	02		03		Γ
AND	Pumps <u>§140.4(k)</u>	AND	Fans/ Economizers <u>§140.4(c)</u> , <u>§140.4(e)</u>	AND	
	(See Table G)		(See Table H)		
AND		AND	Yes	AND	Γ
			Mandatory	Measu	1
	dicate " or "Ci AND	" or "COMPLIES with O2 AND Pumps §140.4(k) (See Table G)	dicate if the project data in, " or "COMPLIES with Except 02 AND Pumps <u>\$140.4(k)</u> (See Table G)	dicate if the project data input into the co"or "COMPLIES with Exceptional Condition02ANDPumps \$140.4(k)AND\$140.4(k)Fans/ Economizers \$140.4(c), \$140.4(e)AND(See Table G)(See Table H)ANDANDYes	dicate if the project data input into the complian "or "COMPLIES with Exceptional Conditions" refe 02 03 AND Pumps §140.4(k) AND Fans/ Economizers §140.4(c), §140.4(c) §140.4(e) (See Table G) (See Table H)

D. EXCEPTIONAL CONDITIONS								
This table is auto-	filled with uneditable comments because of se							
E. ADDITIONAL	REMARKS							
This palets include	s remarks made by the permit applicant to the							

echanical Systems c-MCH-E RTIFICATE OF COMPLIANCE						(CALIFORNIA		MMISSION			t Engineerin	y
s document is used to demonstrate comp	liance for mechanical systems that are wit	hin the scope of :	the permit ap	plication a	nd are demo	onstrating c	ompliance ı	15	Consistent and the second s			nical Consultants	
th outlined in <u>§140.4</u> , or <u>§141.0(b)2</u> for a ject Name:	terations. Kensington Public Safety Br	uilding Report Pag	e:					(1	Page 1 of 18)			Court Suite A7, Monterey, CA 9 ne (831) 373-4390 / Facsimile (8	
ject Address:	217 Arlingto	on Ave. Date Prepa	red:						3/9/2022		www.list	tengineering.com © LEC 2021	501) 010 002
			10 14					2227			Job No.	21025.00	
Project Location (city) Climate Zone	Kensington 3		al Conditioned al Uncondition	the second second second	27.05			3227 1570					
Occupancy Types Within Project: Office (B)	Retail (M)		f Stories (Habi n-refrigerated					1		5	TAMP		
Hotel / Motel Guest Rooms (R-1)			lthcare Facilit		e (5)								
High-Rise Residential (R-2/R-3)	Relocatable Class Bldg (E)	🛛 Oth	er (write in)				Se	e Table J				PROFESS IONA	
PROJECT SCOPE											Å		•
's table Includes mechanical systems or co <u>40.4</u> , or <u>§141.0(b)2</u> for alterations.	mponents that are within the scope of the	permit applicati	on and are de	emonstratir	ng complian	nce using the	e prescriptiv	e path outli	ned in		H :	No. 240	
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Air System(s)	Wet Sy Wet Sy Water Econo	/stem Componen omizer	ts		D Air	Dry Syste r Economize	em Compor r	nents			ý	CHANICAL CHANICAL	
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												SINGTON, CA, S	
													54707
										PRC	JECT TEAM		
											CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT	
												217 ARLINGTON AVE KENSINGTON, CA 94707	
sistration Number:	R	egistration Date/Tir	me:				Registrat	ion Provider	: Energysoft			CONTACT: BILL HANSELL	
Building Energy Efficiency Standards - 2019 N		eport Version: 2019				Rep	oort Generat	ed: 2022-03-	09 14:15:23			T: (415) 378-9064	_
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e of California												SAN FRANCISCO, CA. 941 [°] CONTACT: KAREN MAR	17
echanical Systems						(analatic parato in ango	MMISSION			T. (415) 522-0600	
TIFICATE OF COMPLIANCE ect Name:	Kensington Public Safety B	uilding Report Pag	e:						NRCC-MCH-E Page 2 of 18)	5	STRUCTURAL	: ZFA STRUCTURAL ENGINE 1390 EL CAMINO REAL STI	
ect Address:		on Ave. Date Prepa						¢.	3/9/2022			SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ	_ 100
OMPLIANCE RESULTS												T: (650) 394-8869	
	into the compliance document is compliar	nt with mechanic	al requiremen	nts. This tal	ble is not ed	litable by the	e user. If this	s table says	"DOES	(CIVIL:	BKF ENGINEERS	
T COMPLY" or "COMPLIES with Exception	al Conditions" refer to Table D., or the tabl	e indicated as no	t compliant fo		2.		55					1646 N. CALIFORNIA BLVD WALNUT CREEK, CA 94590	
01 02 System	03 04	05	06	- -	07	┥┝─	08		09			CONTACT: ERIC SWANSO T: (925) 940-2200	
ummary AND Pumps AND Ec	Donomizers AND Controls AND Ve	entilation AND	Terminal Bo Controls	× AND C	Distribution §120.3,		oling Tower	s			GEOTECH:	HALEY ALDRICH	
§110.2, <u>\$140.4(K)</u> 5	<u>140.4(c),</u> <u>§120.2,</u> <u>§140.4(c)</u>	<u>§120.1</u>	§140.4(d)		§140.4(I)	2	<u>110.2(e)2</u>	Complia	nce Results		SEUTECH.	1956 WEBSTER ST #300	
§140.4 - e Table F) (See Table G) (See Table G)		ee Table J)	(See Table K	.) (S	See Table L)	(S	ee Table M)					OAKLAND, CA 94612 CONTACT: CATHERINE EL	LIS
No AND AND	Yes AND Yes AND	Yes AND		AND	Yes	AND		DOES NO	DT COMPLY			T: (510) 879-4544	
	/landatory Measures Compliance (See Ta	ble Q for Details)				COMPLIES				Ν	/IEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7	
EXCEPTIONAL CONDITIONS			., , , , ,									MONTEREY, CA 93940 CONTACT: RON BLUE	
	nents because of selections made or data	entered in tables	throughout t	he form.								T: (831) 373-4390	
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s table includes remarks made by the per	nit applicant to the Authority Having Juris	<i>aiction</i> .										351 8TH STREET SAN FRANCISCO, CA 9410	3
												CONTACT: PETER MCDON T: (415) 255-9140	
										F	STIMATOR:	MICROESTIMATION INC.	
											STIMATOR.	850 S. VAN NESS AVE, #26	
												SAN FRANCISCO, CA 9411 CONTACT: HENRY TOORY	
												T: (415) 826-9626	
zistration Number:	Ri	egistration Date/Tir	me:				Registrat	ion Provider	Energysoft				
Building Energy Efficiency Standards - 2019 N		eport Version: 2019 chema Version: rev				Rep	oort Generat	ed: 2022-03-	09 14:15:23				
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ect Address:	217 Arlingto	on Ave. Date Prepa	red:						3/9/2022	NO.		DESCRIPTION	DA1
	r systems)										ISSUED FO	R BUILDING PERMIT	04-01-2
VAC SYSTEM SUMMARY (DRY & WF	for mechanical equipment with mandate	ry requirements	found in <u>§110</u>) <u>.1</u> and <u>§1.</u>	<u>10.2(a)</u> and	d prescriptive	e requireme	nts found ir	<u>§140.4(a)</u> ,				
table is used to demonstrate complianc		F. furnaces and	unit heaters)										
table is used to demonstrate complianc <u>0.4(b)</u> and <u>\$140.4(k)</u> or <u>\$141.0(b)2</u> for		04	05	06	07	08	09	10	11				
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echanical Systems						(CALIFORNIA		MMISSION		LIS	t Engineerin	g
is document is used to demonstrate comp	iance for mechanical systems that are wit	hin the scope of 1	the permit ap	plication a	nd are demo	onstrating c	ompliance ι	5	201 Steam Constant Street Landscore and Street		Mecha	inical Consultants	
th outlined in <u>§140.4</u> , or <u>§141.0(b)2</u> for al ject Name:	terations. Kensington Public Safety Βι	uilding Report Pag							Page 1 of 18)			Court Suite A7, Monterey, CA	
ject Address:		n Ave. Date Prepa						()	3/9/2022			one (831) 373-4390 / Facsimile (tengineering.com © LEC 2021	831) 373-652
GENERAL INFORMATION												21025.00	
Project Location (city)	Kensington		al Conditioned	constant contraction of the co	27.05			3227					
Climate Zone Occupancy Types Within Project:	3		al Uncondition f Stories (Habi					1570 1					
Office (B)	Retail (M)	🛛 Nor	n-refrigerated	Warehous						s	TAMP		
Hotel/ Motel Guest Rooms (R-1) High-Rise Residential (R-2/R-3)	School (E) Relocatable Class Bldg (E)	125-251	Ilthcare Facilit er (write in)	ty (I)			50	e Table J				DROFESS (0.)	
High-Kise Residential (K-2/K-3)			er (write in)				Se	e ladie j				SED CON CONTRACTOR	
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Air System(s) Air System	Wet Sy	stem Componen omizer	ts		Air Air	r Economize	em Compor r	nents)	S. F. CHANICART	
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												PROTECTION DISTRICT 217 ARLINGTON AVE	
												KENSINGTON, CA 94707	
zistration Number:	Re	egistration Date/Tir	me:				Registrat	ion Provider	Energysoft			CONTACT: BILL HANSELL T: (415) 378-9064	
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	Sc										ECT:	930 COLE STREET STE 10	1
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echanical Systems C-MCH-E						(ENERGY CO	MMISSION			T. (415) 522-0600	
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COMPLIANCE RESULTS				and address of the Article	a contra da a contra da a		atom state				IVIL:	BKF ENGINEERS	
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01 02	03 04 04	05	06		07		08		09			WALNUT CREEK, CA 9459 CONTACT: ERIC SWANSO	
System	Fans/ System Controls		Terminal Bo		Distribution							T: (925) 940-2200	
<u>§110.1</u> , <u>8140 4/k</u>	50000000000000000000000000000000000000	entilation AND §120.1	Controls		<u>§120.3</u> ,		oling Tower 110.2(e)2		nce Results	0	EOTECH:	HALEY ALDRICH	
	<u>140.4(e)</u> <u>§120.2</u> , <u>§140.4(f)</u>		<u>§140.4(d)</u>		<u>§140.4(I)</u>							1956 WEBSTER ST #300 OAKLAND, CA 94612	
		e Table J)	(See Table K	· ·	See Table L)		ee Table M)	2				CONTACT: CATHERINE EL T: (510) 879-4544	LIS
No AND AND	Yes AND Yes AND Andatory Measures Compliance (See Tal	Yes AND	1	AND	Yes	AND COMPLIES		DOES NO	DT COMPLY				
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ADDITIONAL REMARKS is table includes remarks made by the peri	nit applicant to the Authority Having Juris	diction								A	UDIO/VISUA	L: SMITH FAUSE MCDONALE	D INC.
s table metades remarks made by the peri	ne applicant to the Authority having subs											351 8TH STREET SAN FRANCISCO, CA 9410	
												CONTACT: PETER MCDON T: (415) 255-9140	
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												SAN FRANCISCO, CA 9411 CONTACT: HENRY TOORY	
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ect Address:	217 Arlingto	n Ave. Date Prepa	red:						3/9/2022	NO.		DESCRIPTION	DA1
IVAC SYSTEM SUMMARY (DRY & WE											ISSUED FO	R BUILDING PERMIT	04-01-2
	for mechanical equipment with mandato	ry requirements	found in §110	0.1 and 81	<u>10.2(a)</u> and	d prescriptiv	e requireme	ents found ir	<u>§140.4(a).</u>				
<u>0.4(b)</u> and <u>§140.4(k)</u> or <u>§141.0(b)2</u> for a	Ilterations.	800 18 -					42						
Contract P 1 and 1 and 1	onditioners, condensers, heat pumps, VR 03	F, furnaces and u 04	unit heaters)	06	07	08	09	10	11				
System Equipment Sizing (includes air c					ent Sizing pe	er Mechanic	al Schedule				<u> </u>		
· · · · ·						<u>§140.4</u> (a&b)	-	10*ic3.4				
		Smallest Size Available ¹	Hea	iting Outpu		Cooling	Jutput ^{2,3}	Load Calc	ulations ^{3,4} Total				
01 02	Equipment Type per Tables 110.2 / Title	Available ² §140.4(a)	Per Design		Supp. Heating	Sensible Per Design	Rated	Total Heating	Sensible				
01 02	Equipment Type per Tables 110.2 / Title 20	321011(0)	(kBtu/h)		Output (kBtu/h)	Per Design (kBtu/h)	(kBtu/h)	Load (kBtu/h)	Cooling Load				
ame or Item Equipment Category per		<u>31.000(0)</u>			(KDLU/N)			(KDLU/N)	(kBtu/h)		+		
01 02		2					_				1		
01 02		NA: Load Controls	61.15	64	0	60.8	60	51.07	39.68				
01 02 ame or Item Tag Equipment Category per Tables 110.2	20	NA: Load Controls NA: Load	61.15 61.15	64 64	0 0	60.8 60.73	60 60	51.07 50.74	39.68 42.77	JOB	NO.		
01 02 ume or Item Tag Equipment Category per Tables 110.2 OU-1 Variable Refrigerant Flow OU-2 Variable Refrigerant Flow	20 VRF heat pump, air cooled VRF heat pump, air cooled	NA: Load Controls	61.15	64	0	60.73	60	50.74	42.77	JOB	NO.		
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01 02 nme or Item Tag Equipment Category per Tables 110.2 OU-1 Variable Refrigerant Flow OU-2 Variable Refrigerant Flow	20 VRF heat pump, air cooled VRF heat pump, air cooled	NA: Load Controls NA: Load Controls NA: Load	61.15	64	0	60.73	60	50.74	42.77		NO.		
01 02 ume or Item Tag Equipment Category per Tables 110.2 OU-1 Variable Refrigerant Flow OU-2 Variable Refrigerant Flow OU-3 Variable Refrigerant Flow J-4 (Cooling only) Variable Refrigerant Flow	20 VRF heat pump, air cooled VRF heat pump, air cooled VRF heat pump, air cooled	NA: Load Controls NA: Load Controls NA: Load Controls NA: Load Controls	61.15 61.15 0	64 64 64	0 0 0	60.73 59.95 23.12	60 60 24	50.74 52.79 5.03	42.77 63.87 11.91	DES		UMENTS	

	05	06	07	08		09	10	11	12	13
	stration Type	Occupancy & Status	(R)SHGC Compliance Method	VT Compliance Method	Peri	Calculation Method for formance Values per Design ²	Product Performance Unit	Required Product Performance	Product Performance per Design	Area f
	On analytic Name idential (Table	NFRC Certified		U-factor (max)	0.46	0.46	
· · · · · · · · · · · · · · · · · · ·	Nonresidential/ Relocatable 1 CZ : New	Table 140.3-B/C/D	140.3-B/C/D			(R)SHGC (max)	0.22	0.22	25	
			, ,		Overhang used for RSHGC	VT (min)	0.32	0.5	1	
00	erable	Nonresidential/	Table		NFRC Certified	U-factor (max)	0.46	0.46		
1 '	ndow	Relocatable 1 CZ : New	Table 140.3-B/C/D	140.3-B/C/D			(R)SHGC (max)	0.22	0.22	12.5
				, ,		Overhang used for RSHGC	VT (min)	0.32	0.5	1
	erable	Nonresidential/		Table		NFRC Certified	U-factor (max)	0.46	0.46	
1 · ·	ndow	Relocatable 1 CZ : New	Table 140.3-B/C/D	140.3-B/C/D			(R)SHGC (max)	0.22	0.22	12.5
					Overhang used for RSHGC	VT (min)	0.32	0.5	1	

Kensington Public Safety Building Report Page:

217 Arlington Ave. Date Prepared:

²The NA6 Default Calculation can only be used for buildings with less than 200ft² of site built glazing. If the project has greater than 200ft², the only options for determining fenestration values are NFRC Certification or the Default Tables in 110.6. Overhangs must extend past the left and right window the same distance as the depth of the overhang or greater to show an affect on the RSHGC. If an overhang does not meet this quirement, the affect of the overhang will be ignored. Projecting includes casement and awning windows.

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Registration Date/Time:

Report Version: 2019.1.003

Schema Version: rev 20200601

Registration Provider: Energysoft Report Generated: 2022-03-09 14:15:23

CALIFORNIA ENERGY COMMISSION

Field Inspector

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Registration Provider: Energysoft

Report Generated: 2022-03-09 14:15:23

CALIFORNIA ENERGY COMMISSION

NRCC-ENV-I

Envelope Component Approach

CERTIFICATE OF COMPLIANCE			NRCC-ENV-E
Project Name:	Kensington Public Safety Building	Report Page:	(Page 14 of 15)
Project Address:	217 Arlington Ave.	Date Prepared:	3/9/2022

TRATION AND GLAZED DOOR SCHEDULE ghted Average U-factor, SHGC, VT Compliance Calculation for Vertical Fenestration And Glazed Doors

01	02	03	04	05		
ct Performance Unit	Total Area of Fenestration (ft ²)	Area-weighted Calcul	Compliance Results Using Area-Weighted			
ct Performance Onit	Iotal Area of Fenestration (It')	Required	Designed	Calculation Option		
U-Factor	307	0.46	0.46	COMPLIES		
(R)SHGC	307	0.22	0.22	COMPLIES		
VT	307	0.32	0.5	COMPLIES		

HT IN LARGE ENCLOSED SPACES This section does not apply to this project.

M. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Selections have been made based on information provided in this document. If any selection have been changed by the permit applicant, an explanation should be included in Table E

Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at

No Form/Title NRCI-ENV-01-E - Must be submitted for all buildings

N. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, form user must provide an explanation in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/. Indivudals who perform the field testing and verification work, and provide the information required for completion of the fenestration Certificate of Acceptance documentation are not required to be licensed professionals. However, the person who signs the Certificate of Acceptance document to certify compliance with the acceptance requirements shall be licensed as specified in Standards Section 10-103(a)4 and NA7.3.1 Field Inspector

Form/Title

Registration Date/Time:

Report Version: 2019.1.003

Schema Version: rev 20200601

NRCA-ENV-02-F must be submitted for all new, added or altered fenestration.

Registration Number:

No

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

ope Component Approach Kensington Public Safety Building Report Page:

(Page 15 of 15) 217 Arlington Ave. Date Prepared: 3/9/202

TATION AUTHOR'S DECLARATION STATEMENT						
t this Certificate of Compliance documentation is accurate and co	omplete.					
Author Name:	Documentation Author Signature:					
ring Company	Signature Date:					
	CEA/ HERS Certification Identification (if applicable): Phone:					
energy features and performance specifications, materials, components, and manufacture itle 24, Part 1 and Part 6 of the California Code of Regulations. building design features or system design features identified on this Certificate of Complian ns and specifications submitted to the enforcement agency for approval with this building p II ensure that a completed signed copy of this Certificate of Compliance shall be made avail	the building design or system design identified on this Certificate of Compliance (responsible designer) Ind devices for the building design or system design identified on this Certificate of Compliance conform to the requirement Ince are consistent with the information provided on other applicable compliance documents, worksheets, calculations, permit application. able with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable uired to be included with the documentation the builder provides to the building owner at occupancy.					
signer Name: Ron Blue	Responsible Designer Signature:					
st Engineering Company	Date Signed: 2022-03-09					
Pharris Ct, Suite A7,	License: M23440					
Nonterey, Ca 93940	Phone: 831-373-4390					

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

(See Table F) No	AND	(See Table G)	AND	(See Tab Yes
1998 (BLAND)				Mand
D. EXCEPTIC	NALC	ONDITIONS		
This table is a	uto-fill	ed with unedit	able co	omments
E. ADDITION	IAL RE	MARKS		
	12 U.V.	emarks made i	hutha	a a rua it a

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M004

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STATE OF CALIFORNIA Mechanical Systems

NRCC-MCH-E CERTIFICATE OF COMPLIANCE

Project Name:

Project Address:

Kensington Public Safety Building Report Page: 217 Arlington Ave. Date Prepared:

E HVAC SYSTEM SUMMARY (DRV 8. WET

Dry System Equipment	Efficiency (other than Package	Terminal Air Conditi	oners (PTAC) and l	Package Terminal	Heat Pumps (PTHP	Y))					
01	02	03	04	05	06	07	08	09			
			Heating Mode Cooling Mode								
Name or Item Tag	Size Category (Btu/h)	Rating Condition (°F)	tion Efficiency Unit Required per Design Effi		Design Efficiency	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency			
OU-1	<65,000	47 °Fdb/ 43 °Fwb OSA	HSPF	7.7	10.45	SEER	13.0	17.7			
OU-2	<65,000	47 °Fdb/ 43 °Fwb OSA	HSPF	7.7	10.45	SEER	13.0	17.7			
OU-3	<65,000	47 °Fdb/ 43 °Fwb OSA	HSPF	7.7	10.45	SEER	13.0	17.7			
OU-4 (Cooling only)	<65,000	47 °Fdb/ 43 °Fwb OSA	HSPF	7.7	10.45	SEER	13.0	17			

G. PUMPS This section does not apply to this project.

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CALIFORNIA ENERGY COMMISSION

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STATE OF CALIFORNIA

Mechanical Systems

CALIFORNIA ENERGY COMMISSION NRCC-MCH-E CERTIFICATE OF COMPLIANCE NRCC-MCH-E Kensington Public Safety Building Report Page: Project Name: (Page 5 of 18) 217 Arlington Ave. Date Prepared: Project Address

H. FAN SYSTEMS & AIR ECONOMIZERS

				escriptive requirements four be included in Table H.	nd in <u>§140</u>).4(c), <u>§140.4(</u>	<u>e)</u> and <u>§140.4(m)</u> for fa	n systems. Fan systems servin	g only process loads are	
System Name:	OU-1	Econon	nizer:1	NA: Special OA filtration	Econon Contr			System Fan Type:	Constant Volume	
01	02		03	04		05	06	07	08	
Fan Name or	Nama ar			Maximum Design Supply	Airflow			Fan Power Pressure Drop Adjustment - Table 140.4-		
Item Tag	Fan Functic	'n	Qty	(CFM)	HP Unit ² Uesign HP		Design HP	Device	Design Airflow through Device (CFM)	
EF	Exhaust		1	630		BHP	0	NA	NA	
EF	Exhaust		1	0	0		0	NA	NA	
EF	Exhaust		1	0		BHP	0	NA	NA	
EF	Exhaust		1	0		BHP	0	NA	NA	
EF	Exhaust		1	0		BHP	0	NA	NA	
Total System Design Supply Airflow (CFM):			M):	1 630 1		ystem Desigr (B)HP:	0	Maximum System Fan Power (B)HP:	0	

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Constant Volume

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System

Name:

H. FAN SYSTEMS & AIR ECONOMIZERS

OU-2

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Economizer:¹

NRCC-MCH-E			CALIFORNIA ENERGY COMMISSION
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Project Name:	Kensington Public Safety Building	Report Page:	(Page 6 of 18)
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Economizer Designed per <u>§140.4(e)</u> and NA: Special OA filtration System Fan Type: Controls:

								 (a) ((a)) 		
01	02		03	04			05	06	07	08
an Name or				Maximum Design Supply	Airflow				Fan Power Pressure Drop /	
Item Tag	Fan Functio	'n	Qty	(CFM)		HP	' Unit ²	Design HP	Device	Design Airflow through Device (CFM)
EF	Exhaust		1	490		1	BHP 0		NA	NA
EF	Exhaust		1	0	BHP		BHP	0	NA	NA
EF	Exhaust		1	0	BHP		0	NA	NA	
EF	Exhaust		1	0		BHP		0	NA	NA
EF	Exhaust		1	0	BHP		0	NA	NA	
EF	Exhaust		1	0		1	BHP	0	NA	NA
Total Syst	em Design Supply A	irflow (CFI	M):	490	Total System Design (B)HP:			0	Maximum System Fan Power (B)HP:	
System Name:	OU-3	Econom	nizer:1	NA: Special OA filtration		onomizer Designe		d per <u>§140.4(e)</u> and (m)	System Fan Type:	Constant Volume
01	02		03	04			05	06	07	08
an Name or				Maximum Design Supply	Airflow				Fan Power Pressure Drop Adjustment - Table 140.4	
Item Tag	Fan Functio	n	Qty	(CFM)	Annow	HP	⁹ Unit ²	Design HP	Device	Design Airflow through Device (CFM)
EF	Exhaust		1	445		1	внр	0	NA	NA
EF	Exhaust		1	0		1	внр	0	NA	NA
EF	Exhaust		1	0			внр	0	NA	NA
EF	Exhaust		1	0		1	внр	0	NA	NA
Total Syst	em Design Supply A	irflow (CFI	M):	445	Total S	System (B)HP:		0	Maximum System Fan Power (B)HP:	

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Registration Date/Time:

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STATE OF CAL
Mechan
NRCC-MCH-E

Project Address:

System Name: 01

Item Tag Total S ¹ FOOTNOTES: Computer room economizers must meet requirements of <u>§140.9(a)</u> and will be documented on the NRCC-PRC-E document. ² The unit used for HP must be consistent for all fans within a system.

Registration

STATE OF CALIFORNIA

CERTIFICATE C Project Name: Project Addres I. SYSTEM (

NRCC-MCH-E

EXCEPTION 1 to §140.4(f)

This table is occupancies. outdoor ven 01 02

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

STATE OF CALIFORNIA

Hall 1

ystem Nam

08

Space Nam

ot item Tag

Dorm 1

IFORNIA nical Systems

CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE Kensington Public Safety Building Report Page: Project Name:

217 Arlington Ave. Date Prepared:

H. FAN SYSTEMS & AIR ECONOMIZERS

H. FAN SYSTE	, FAN SYSTEINS & AIR ECONOMIZERS											
System Name:	OU-4 (Cooling only)	Econon	nizer:1	NA: <=54 kBtu/h cooling	Economizer Controls:		and the second se		System Fan Type:	Constant Volume		
01	02		03	04			05	06	07	08		
Fan Name or			Maximum Design Supply	Airflow				Fan Power Pressure Drop Adjustment - Table 140.4-B				
Item Tag	Fan Functio	n	Qty	(CFM)	Annow	HP	Unit ²	Design HP	Device	Design Airflow through Device (CFM)		
Total System Design Supply Airflow (CFM):			0	System D (B)HP:	ystem Design (B)HP:		Maximum System Fan Power (B)HP:	0				

. SYSTEM CONTROLS									
This table is used to demonstrate compliance with mandatory controls in <u>\$110.2</u> and <u>\$120.2</u> and prescriptive controls in <u>\$140.4(f)</u> and (n) or requirements in <u>\$141.0(b)2E</u> for altered space conditioning systems.									
01	02	03	04	05	06	07	08	09	
System Name	System Zoning	Conditioned Floor Area Being Served (ft ²)	Thermostats <u>§110.2(b)</u> & (c) ¹ , <u>§120.2(a)or</u> <u>§141.0(b)2E</u>	Shut-Off Controls <u>§120.2(e)</u>	Isolation Zone Controls <u>§120.2(g)</u>	Demand Response <u>§110.12</u> and <u>§120.2(b)</u>	Supply Air Temp. Reset <u>§140.4(f)</u>	Window Interlocks per <u>§140.4(n)</u>	
OU-1	Multi-zone w/ DDC to zone	<= 25,000 ft ²	EMCS	NA: 7 day per <u>§120.2(e)1</u>	4 Hour Timer	EMCS	NA: Alteration	NA: Alteration Project	
OU-2	Multi-zone w/ DDC to zone	<= 25,000 ft ²	Setback	Auto Timer Switch	4 Hour Timer	EMCS	Included	Provided	
OU-3	Multi-zone w/ DDC to zone	<= 25,000 ft ²	Setback	Auto Timer Switch	4 Hour Timer	EMCS	Included	Provided	
OU-4 (Cooling only)	Multi-zone w/ DDC to zone	<= 25,000 ft ²	EMCS	NA: 7 day per <u>§120.2(e)1</u>	4 Hour Timer	EMCS	NA: Alteration	NA: Alteration Project	
Registration Number: Registration Date/Time: Registration Provider: Energysof									

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

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Mechanical Systems

			CALIFORNIA ENERGY COMMISSION
OF COMPLIANCE			NRCC-MCH-E
ne:	Kensington Public Safety Building	Report Page:	(Page 8 of 18)
ress:	217 Arlington Ave.	Date Prepared:	3/9/2022
CONTROLS			

¹FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats. *Notes: Controls with a * require a note in the space below explaining how compliance is achieved. EX: system 1: SA Temp Reset: Exempt because zones compliant with <u>§140.4(d)</u>;

J. VENTILATION AND INDOOR AIR QUALITY

J. VENTILATIC		DOOK AIK QUALITY									
occupancies. Fo	or alteration	nstrate compliance with mo ns, only ventialtion systems Ind airflows may be shown	being altered	within the sc	ope of the p	permit app	lication nee	ed to be documented in th			
01		Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.									
02	X	Check this box if the project included Nonresidential or Hotel/Motel spaces									
02		Check this box if the pro	ject included r	new or altere	d high-rise	residential	dwelling u	inits.			
03		Check the box if the pro	ject is using na	atural ventila	tion in any r	nonresiden	tial or hote	el/motel spaces to meet r	equired ventilation rate	s per <u>§120.1(c)2</u> .	
Nonresidential	and Hotel	Motel Ventilation System	S								
	0	4		05				06	C)7	
			Sustem Design OA CEM			System	Design		Air Filtration per §120.1(c) and §141.0(b)2 ²		
System Name		OU-1	System Design OA CFM Airflow ¹		579	System Design Transfer Air CFM		0	Provided per <u>§120.1(c)</u> (NR and Hotel/Motel))		
08		09	10	11	12	13	14	15	1	.6	
		Mechanical Ventilation Required per <u>§120.1(c)3</u> ³ Exh. Vent per <u>§120.1</u>									
Space Name ot item Tag	Occupancy Type ⁴		Conditioned Floor Area (ft ²)	# of Shower heads/ toilets	# of people⁵	Required Min OA CFM	Required Min CFM			rols per <u>§120.1(d)3</u> , nd <u>§120.1(e)3</u> ⁶	
Staff +		Office space		3	45	0	30	DCV	NA: Not required per §120.1(d)3		
Restroom	Office space		222	222		40	Ū,	50	Occ Sensor	NA: Not required space type	

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Mechanical Systems

NRCC-MCH-E	×-							CALIFORNI	A ENERGY COMMISSION			
CERTIFICATE OF	COMPLIANCE								NRCC-MCH-E			
Project Name:		Kensi	ngton Public Sa	afety Building	Report Pa	ge:			(Page 9 of 18)			
Project Address:			217 A	Arlington Ave	. Date Prep	ared:			3/9/2022			
J. VENTILATIO	ON AND INDOOR AIR QUALITY											
Administratio	0.5	252		2	20		40	DCV	NA: Not required per §120.1(d)3			
n	Office space	253		2	30	0	40	Occ Sensor	NA: Not required space type			
Maating	Lesture bell (fixed costs)	390		30	450	_	о		DCV	NA: Not required per §120.1(d)3		
Meeting	Lecture hall (fixed seats)	590		50	450	0	450	Occ Sensor	NA: Not required space type			
Lobby	Corridor	115		0	0		0	0	0	~~~	DCV	NA: Not required per <u>§120.1(d)3</u>
LODDY	Comuoi	113		ÿ			60	Occ Sensor	NA: Not required space type			
	Corridor	100			79 E	0	50	DCV	NA: Not required per §120.1(d)3			

Corridor NA: Not required Occ Sensor space type 17 Total System Required Min OA CFM 579 18 Ventilation for this System Complies? Yes 04 05 Air Filtration per <u>§120.1(c)</u> and <u>§141.0(b)2</u> ystem Design OA CFM System Design OU-2 Provided per <u>§120.1(c)</u> (NR and Transfer Air CFM Airflow¹ Hotel/Motel)) 09 10 11 12 13 14 16 Exh. Vent per <u>§120.1(c)4</u> Mechanical Ventilation Required per §120.1(d DCV or Sensor Controls per §120.1(d)3, nditioned # of Showe Required # of Min OA Min CFM Provided per Design Floor Area heads/ §120.1(d)5, and §120.1(e)3 6 Occupancy Type⁴ CFM people⁵ (ft²) toilets CFM NA: Not required per DCV §120.1(d)3 148 All others 50

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Occ Sensor

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NA: Not required

space type

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NRCC-MCH-E CERTIFICATE OF COMPLIANCE Project Name: Project Address:

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VENTILATION AND INDOOR AIR QUALITY Dorm 2 All others 148 Dorm 3 All others 148 Hall 3 + Bath 1 + Bath 2 + All others 305 Laundry Hall 2 250 Corridor 282 Exercise Gym/ sports arena (play area) 17 Total System Required Min OA CFM 04 vstem OU-3 vstem Nan 08

Registration Number:

Space Name

ot item Tag

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Occupancy Type⁴

Mechanical Ventilation Requi

STATE OF CALIFORNIA Mechanical Systems

1. The second	
NRCC-MCH-E	
CERTIFICATE OF COMPLIANCE	
Project Name:	Ke
Project Address:	

J. VENTILATIO	J. VENTILATION AND INDOOR AIR QUALITY									
Kitchen	Kitchenettes	570		3	45	171	115	DCV	NA: Not required per §120.1(d)3	
Kitchen	Kitchenettes	570		D D	45	1/1	115	Occ Sensor	NA: Not required space type	
Day Room	Break room	480		3	45	0	240	DCV	NA: Not required per §120.1(d)3	
Day Koom	Break footin	460		5	45	U,	240	Occ Sensor	NA: Not required space type	
Captain's	Office space	130		2	30	0	60	DCV	NA: Not required per §120.1(d)3	
Office	Office space	150		2	50	U	00	Occ Sensor	NA: Not required space type	
Office		130		2	30	0	20	DCV	NA: Not required per §120.1(d)3	
Office	Office space	150		2	30	0	30	Occ Sensor	NA: Not required space type	
17	Total System Required Min OA CFM				345			Yes		
	04		05		06			C	7	
System Name	OU-4 (Cooling only)	System Desi Airflo		0	System Transfer		0		<u>.1(c)</u> and <u>§141.0(b)2</u> ² <u>20.1(c)</u> (NR and Motel))	
08	09	10	11	12	13	14	15	1	6	
	Mechanical Ventila			<u>3</u> ³		Exh. '	Vent per <u>§120.1(c)4</u>		and a state of the state	
Space Name ot item Tag	Occupancy Type ⁴	Conditioned # of Shower Floor Area heads/ (ft ²) toilets		# of people ⁵	Required Min OA CFM	Required Min CFM	Provided per Design CFM	DCV or Sensor Cont <u>§120.1(d)5</u> , ar	rols per <u>§120.1(d)3</u> , id <u>§120.1(e)3</u> ⁶	
IT/ Elec +	All others	215		0	0	0	0	DCV	NA: Not required per §120.1(d)3	
Storage		213		U	0	U	U U	Occ Sensor	NA: Not required space type	

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CERTIFICATE OF COMPLIANCE	
Project Name:	1
Project Address:	

J. VENTILATION AND INDOOR AIR QUALITY 17 Total System Required Min OA CFM

NRCC-MCH-E Kensington Public Safety Building Report Page: (Page 12 of 18) 217 Arlington Ave. Date Prepared 3/9/20 Ventilation for this System Complies? 0 18 Yes ¹ FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system ² Air filtration requirements apply to the following three system types per <u>§120.1(c)1A</u> : space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space. ³ Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence. ⁴ See Standards Tables 120.1-A and 120.1-B. ⁵ For lecture halls with fixed seating, the expected number of occupants shall be shall be determined in accordance with the California Building Code. ⁶ <u>§120.2(e)3</u> requires systems serving rooms that are required by <u>§130.1(c)</u> to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilation. Examples of spaces which require lighting occupancy sensors include offices 250ft² or smaller, multipurpose rooms less than 1,000 ft², classrooms, conference rooms, restrooms, aisles and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by §130.1(c). K. TERMINAL BOX CONTROLS This section does not apply to this project.

This table is used	to show compl	iance with manda	tory pipe insulation requirem	ents foun		
Duct Leakage Sea	ling					
The answers to th	e questions be	low apply to the f	ollowing duct systems:	C		
11	No	The scope of t	The scope of the project includes only duct systems			
12	No	Duct system p	rovides conditioned air to an	occupiab		
13	Yes	The space con	ditioning system serves less t	han 5,00		
14	No	The <u>combined</u>	surface area of the ducts in t	he follow		
			Outdoors			
			In a space directly under a requirements of <u>§140.3(a)</u>			
			In an unconditioned crawl	space		

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148		З	45	o	50	DCV	NA: Not required per §120.1(d)3	
140		3	45	0	50	Occ Sensor	NA: Not required space type	
148		3	45	0	50	DCV	NA: Not required per <u>§120.1(d)3</u>	
140		c	45	0	50	Occ Sensor	NA: Not required space type	
305		3.1816816	45	0	100	DCV	NA: Not required per <u>§120.1(d)3</u>	
505		8168168	45	0	100	Occ Sensor	NA: Not required space type	
250			37.5	0	50	DCV	NA: Not required per §120.1(d)3	
250			57.5	0	50	Occ Sensor	NA: Not required space type	
282		5	75	0	190	DCV	NA: Not required per §120.1(d)3	
202		C	75	0	150	Occ Sensor	NA: Not required space type	
			361	18	Ventilation for this S	System Complies? Yes		
	05				06	07		
System Design OA CFM Airflow ¹ 345		345	System Design Transfer Air CFM		0	Provided per <u>§1</u>	0.1(c) and §141.0(b)2 ² .20.1(c) (NR and Motel))	
10	11	12	13	14	15	1	.6	
ion Required	per <u>§120.1(c</u>)	1 <u>3</u> ³		Exh. '	Vent per <u>§120.1(c)4</u>			
Conditioned Floor Area (ft ²)	# of Shower heads/ toilets	# of people ⁵	Required Min OA CFM	Required Min CFM	Provided per Design CFM	DCV or Sensor Controls per <u>§120.1(d)3</u> , <u>§120.1(d)5</u> , and <u>§120.1(e)3</u> ⁶		

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lation requirements found in <u>§120.3</u> and prescriptive requirements found in <u>§140.4(1)</u> for duct leakage testing. Duct leakage testing triggered for these systems? OU-1 No t systems: cludes only duct systems serving healthcare facilities itioned air to an occupiable space for a constant volume, single zone, space-conditioning system. tem serves less than 5,000 ft² of conditioned floor area. a of the ducts in the following locations is more than 25% of the total surface area of the entire duct system: e directly under a roof that has a U-factor greater than the u-factor of the ceiling, or if the roof does not meet the nents of §140.3(a)1B or if the roof has fixed vents or openings to the outside/ unconditioned spaces

STAMP PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA, 94707 PROJECT TEAM KENSINGTON FIRE CLIENT: PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 BKF ENGINEERS CIVIL 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 HALEY ALDRICH GEOTECH: 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626

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Mechanical Consultants

Job No. 21025.00

NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	04-01-22
JOB		I

DESCRIPTION TITLE 24 DOCUMENTS



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L. DISTRIBU 15 16 17 17 The answers 11 12 13 14 1.000 15

Registration N CA Building E

STATE OF CALIFORNIA NRCC-MCH-E CERTIFICATE O Project Name: Project Addres

15 16 17 M. COOLING TOWERS

Registration Number:

STATE OF CALIFOR Mechanic NRCC-MCH-E CERTIFICATE OI Project Name: Project Addres

N. DECLARA Selections have These docume https://www.e Yes O. DECLARA Selections hav These docume https://www.e Yes

۲ 0 0 0 0 0 \bigcirc 0 NRCA-MCH-11-A Automatic Demand Shed Controls

Registration Number:

Mechanical Systems

cal systems			CALIFORNIA ENERGY COMMISSION
OF COMPLIANCE			NRCC-MCH-E
e:	Kensington Public Safety Building	Report Page:	(Page 13 of 18)
ess:	217 Arlington Ave.	Date Prepared:	3/9/2022

						-1-1
BUTION	(DUCTWORK	and PIPING)				
			In other unconditione	d spaces		
5		The scope of the	project includes exten	ding an existing duct system, v	which is constructed, insulated or sealed with asbesto	»S.
5					mented to have been previously sealed as confirmed	through field verification
, 					Nonresidential Appendix NA2.	
7	Yes			ce with the California Mechani		
ers to the	questions belov		owing duct systems:	OU-2	Duct leakage testing triggered for these systems?	No
1	No			duct systems serving healthcar		
2	No				stant volume, single zone, space-conditioning systen	າ.
3	Yes	The space condit	ioning system serves le	ess than 5,000 ft ² of conditione	ed floor area.	
4	No	The <u>combined</u> su	irface area of the ducts	s in the following locations is m	ore than 25% of the total surface area of the entire of	luct system:
			Outdoors			
					reater than the u-factor of the ceiling, or if the roof d vents or openings to the outside/ unconditioned spa	
			In an unconditioned c	rawl space		
			In other unconditione	d spaces		
5		The scope of the	project includes exten	ding an existing duct system, v	which is constructed, insulated or sealed with asbesto	s.
5		The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.				
7	Yes	Duct system shal	l be sealed in acordanc	ce with the California Mechani	cal Code	
ers to the	questions belov	w apply to the foll	owing duct systems:	OU-3	Duct leakage testing triggered for these systems?	No
1	No	The scope of the	project includes only a	duct systems serving healthcar	e facilities	•
2	No	Duct system prov	vides conditioned air to	o an occupiable space for a cor	stant volume, single zone, space-conditioning systen	ı.
3	Yes	The space condit	ioning system serves le	ess than 5,000 ft ² of conditione	ed floor area.	
4	No	The <u>combined</u> su	Irface area of the ducts	s in the following locations is m	ore than 25% of the total surface area of the entire o	luct system:
			Outdoors			
					reater than the u-factor of the ceiling, or if the roof of vents or openings to the outside/ unconditioned spa	
			In an unconditioned c	rawl space		
on Number				Registration Date/Time	: Regi	stration Provider: Energysoft
ig Energy E	nergy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2022-03-09 14:15:23 Schema Version: rev 20200601					

Mechanical Systems

ERTIFICATE OF COM	PLIANCE							NRCC-MCH-E
roject Name:			Kensington Pul	olic Safety Building	Report Page:			(Page 14 of 18)
roject Address:			1	217 Arlington Ave.	Date Prepared	1		3/9/2022
DISTRIBUTION (DUCTWORK and PIPING)								
			In other unconditione	d spaces				
15		The scope of the	project includes exten	ding an existing d	uct system, w	hich is constructed, insulated or sealed with	asbestos.	
16		The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.						
17	Yes	Duct system shall be sealed in acordance with the California Mechanical Code						
he answers to the questions below apply to the following duct systems: OU-4 (Cooling only) Duct leakage testing triggered for these systems?			/stems?	No				
11	No	he scope of the project includes only duct systems serving healthcare facilities						
12	No	Duct system prov	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.					
13	Yes	The space conditioning system serves less than 5,000 ft ² of conditioned floor area.						
14	No	The combined surface area of the ducts in the following locations is more than 25% of the total surface area of the entire duct system:			t system:			
	li Li		Outdoors					
			and the second s		1000 Company 1070	eater than the u-factor of the ceiling, or if the vertex or openings to the outside/ uncondition		
			In an unconditioned c	rawl space				
			In other unconditione	d spaces				
15		The scope of the	project includes exten	ding an existing d	uct system, w	hich is constructed, insulated or sealed with	asbestos.	

The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification

This section does not apply to this project.

Yes

Registration Date/Time:

and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.

Duct system shall be sealed in acordance with the California Mechanical Code

Registration Provider: Energysoft

CALIFORNIA ENERGY COMMISSION

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Report Version: 2019.1.003 Schema Version: rev 20200601 Report Generated: 2022-03-09 14:15:23

STATE OF CA	ALIFORNIA				
		Systems			
VRCC-MCH		MPLIANCE	CALIFORNI	A ENERGY CON	
Project Na	a a ser a a a a a a a a a a a a a a a a a a a			0.00	RCC-MCH-E (e 15 of 18)
Project Na Project Ac		Kensington Public Safety Building Report Page: 217 Arlington Ave. Date Prepared:		(Pag	3/9/2022
Project At	auress:	217 Anington Ave. Date Prepared:			3/9/2022
N. DECL	ARATIO	N OF REQUIRED CERTIFICATES OF INSTALLATION			
These do	cuments	een made based on information provided in previous tables of this document. If any selection needs to must be provided to the building inspector during construction and can be found online at gy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/	o be changed, please explain why in Table	E Additional Re	emarks.
Yes		No Form/Title		Field Inspe	ector
ies		Pointy fille	Pass	Fail	
۲		NRCI-MCH-01-E - Must be submitted for all buildings			
O. DECL	Aratio	N OF REQUIRED CERTIFICATES OF ACCEPTANCE			
These do	cuments	een made based on information provided in previous tables of this document. If any selection needs to must be provided to the building inspector during construction and can be found online at gy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/	o be changed, please explain why in Table	E Additional Re	emarks.
Yes	No	Form/Title	Systems To Be Field Verified	Field Ir Pass	nspector Fail
٠	0	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.			
0	۲	NRCA-MCH-03-A - Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes'. If Constant Volume Single Zone HVAC Systems are included in the scope, permit applicant should move this form to "Yes".			
0	۲	NRCA-MCH-04-A - Air Distribution Duct Leakage			
0	۲	NRCA-MCH-05-A - Air Economizer Controls			
0	٠	NRCA-MCH-06-A Demand Control Ventilation Systems must be submitted for all systems required to employ demand controlled ventilation (refer to $\frac{\$120.1(c)3}{1}$) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO ₂) concentration setpoints.			
0	۲	NRCA-MCH-07-A Supply Fan Variable Flow Controls			
0	۲	NRCA-MCH-08-A Valve Leakage Test			
Ō		NRCA-MCH-09-A Supply Water Temperature Reset Controls			
Õ	۲	NRCA-MCH-10-A Hydronic System Variable Flow Controls			

STATE OF CALIFORNIA Mechanical Systems

NRCC-MCH-E	
CERTIFICATE OF COMPLIANCE	
Project Name:	Kensington P
Project Address:	

O. DECL	ARATIO	N OF REQUIRED CERTIFICATES OF ACCEPTANCE
0	۲	NRCA-MCH-12-A FDD for Packaged Direct Expansion U
\bigcirc	۲	NRCA-MCH-13-A Automatic FDD for Air Handling Units
0	٠	NRCA-MCH-14-A Distributed Energy Storage DX AC Sys not automatically move to "Yes". If Distributed Energy scope permit applicant should move this form to 'Yes".
0	٠	NRCA-MCH-15-A Thermal Energy Storage (TES) System automatically move to "Yes". If Chilled water Storage, I External melt, Ice Harvester, Brine, Ice-Slurry, Eutecti S Cryogenic or Encapsulated (Ice Ball) Systems are includ move this form to 'Yes".
۲	0	NRCA-MCH-16-A Supply Air Temperature Reset Contro
0	۲	NRCA-MCH-17-A Condenser Water Temperature Reset
	0	NRCA-MCH-18-A Energy Management Control Systems
0	۲	NRCA-MCH-19-A Occupancy Sensor Controls
0	۲	NRCA-MCH-20 Multi-Family Ventilation
0	۲	NRCA-MCH-21 Multi-Family Envelope Leakage

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION Selections have been made based on information provided in previous ta These documents must be completed by a HERS Rater and provided to the

Yes	No	
0	۲	NRCV-MCH-04-H Duct Leakaage Test NOTE: Mu
0	۲	NRCV-MCH-24 Enclosure Air Leakaage Workshe
\bigcirc	۲	NRCV-MCH-27 High-rise Resdential NOTE: Must
0	۲	NRCV-MCH-32 Local Mechanical Exhaust NOTE:

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Mechanical Systems NRCC-MCH-E	
CERTIFICATE OF COMPLIANCE	
Project Name:	Kensington F
Project Address:	

2. MANDATORY MEASURES DOCUMENTATION LOCATION
This table is used to indicate where mandatory measures are documented
01
Compliance with Mandatory Measures documented through MCH
Nandatory Measures Note Block

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

STATE OF CALIFORNIA **Mechanical Systems**

Wiechamical bystemis	
NRCC-MCH-E	
CERTIFICATE OF COMPLIANCE	
Project Name:	Kensington
Project Address:	

l certifv	that this Certificate of Compliance documentation is accu
1.00	ation Author Name:
Company: List Engir	neering Company
Address:	6
City/State/	Zip:
l certify the 1. 2. 3. 4.	ISIBLE PERSON'S DECLARATION STATEMENT a following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Compliance is true and correct. I am eligible under Division 3 of the Business and Professions Code to accept ress The energy features and performance specifications, materials, components, and of Title 24, Part 1 and Part 6 of the California Code of Regulations. The building design features or system design features identified on this Certifica plans and specifications submitted to the enforcement agency for approval with
5.	I will ensure that a completed signed copy of this Certificate of Compliance shall inspections. I understand that a completed signed copy of this Certificate of Com
Responsibl	e Designer Name Ron Blue
Company:	List Engineering Company
Address:	2 Harris Ct, Suite A7,
City/State/	z ip: Monterey, Ca 93940

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Report Version: 2019.1.003 Schema Version: rev 20200601

Registration Date/Time:

Registration Provider: Energysoft Report Generated: 2022-03-09 14:15:23

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

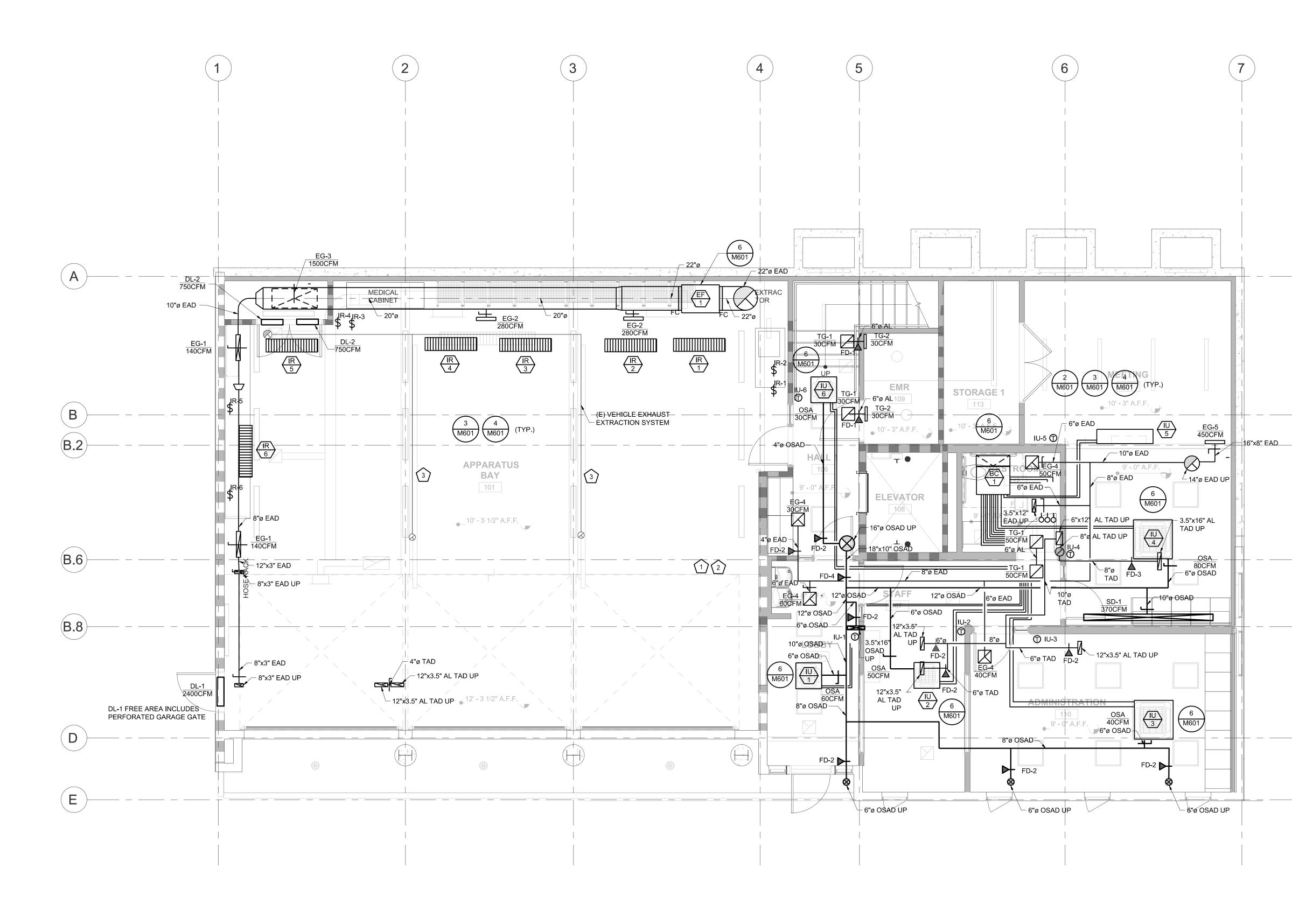
	CALIFORNIA ENERGY COMMIS	
Kensington Public Safety Building Report Page:	NRCC-M (Page 16 d	f 18)
217 Arlington Ave. Date Prepared:	3/9/	Telephone (831) 373-4390 / Facsimile (831) 373-6522
CEPTANCE ct Expansion Units		www.listengineering.com © LEC 2021 Job No. 21025.00
Handling Units and Zone Terminal Units Acceptance rage DX AC Systems Acceptance NOTE: This form does ibuted Energy System DX AC Systems are included in te		<u> </u>
s form to 'Yes". ge (TES) System Acceptance NOTE: This form does not		STAMP
vater Storage, Ice-on-Coil Internal Melt, Ice-on-Coil Slurry, Eutecti Salt, Clathrate Hydrate Slurry (CHS),		D PROFESSIONAL
tems are included in the scope, permit applicant should		
e Reset Controls perature Reset Controls		
Control Systems		
trols		J OF CALIFORNIA
eakage		
IFICATION in previous tables of this document. If any selection nee	ds to be changed, please explain why in Table E Additional Reman	s. PROJECT ADDRESS
	The final documents must be created by a HERS Provider's registry,	
Form/Title	Field Inspector Pass Fai	KENSINGTON CA 04707
Test NOTE: Must be completed by a HERS Rater		
xaage Worksheet NOTE: Must be completed by a HERS I ial NOTE: Must be completed by a HERS Rater	Rater	PROJECT TEAM
Exhaust NOTE: Must be completed by a HERS Rater		CLIENT: KENSINGTON FIRE
Registration Date/Time:	Registration Provider: Energy	soft PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
mpliance Report Version: 2019.1.003 Schema Version: rev 20200601	Report Generated: 2022-03-09 14:1	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR
	CALIFORNIA ENERGY COMMIS	
Kensington Public Safety Building Report Page: 217 Arlington Ave. Date Prepared:	NRCC-W (Page 17 d 3/9/	f 18)1390 EL CAMINO REAL STE 1002022SAN CARLOS, CA 940702022CONTACT: MATT FRANTZ
TION		T: (650) 394-8869 CIVIL: BKF ENGINEERS
re documented in the plan set or construction documen 01	tation. 02	1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596
th MCH Yes	Plan sheet or construction document location	CONTACT: ERIC SWANSON T: (925) 940-2200
	M-Sheets	GEOTECH: HALEY ALDRICH
		1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7
		MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.
		351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
		ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
Registration Date/Time:	Registration Provider: Energy	soft
mpliance Report Version: 2019.1.003 Schema Version: rev 20200601	Report Generated: 2022-03-09 14:1	5:23
	CALIFORNIA ENERGY COMMIS	SION
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217 Arlington Ave. Date Prepared:		NO. DESCRIPTION DATE
ENT		ISSUED FOR BUILDING PERMIT 04-01-22
tation is accurate and complete.		
Documentation Author Sig Signature Date:	nature:	
CEA/ HERS Certification Ide	antification (if applicable):	
Phone: e of California: true and correct. Code to accept responsibility for the building design or system desigr	identified on this Certificate of Compliance (responsible designer)	
s, components, and manufactured devices for the building design or ons.	system design identified on this Certificate of Compliance conform to the requiren	
for approval with this building permit application.		e
Date Signed: 2022-03-09		JOB NO.
License: M23440 Phone: 831-373-43	90	⊣
i		DESCRIPTION TITLE 24 DOCUMENTS

Schema Version: rev 20200601

Registration Provider: Energysoft

Report Generated: 2022-03-09 14:15:23

M006



1 GROUND FLOOR PLAN M201 SCALE:1/4"=1'-0"

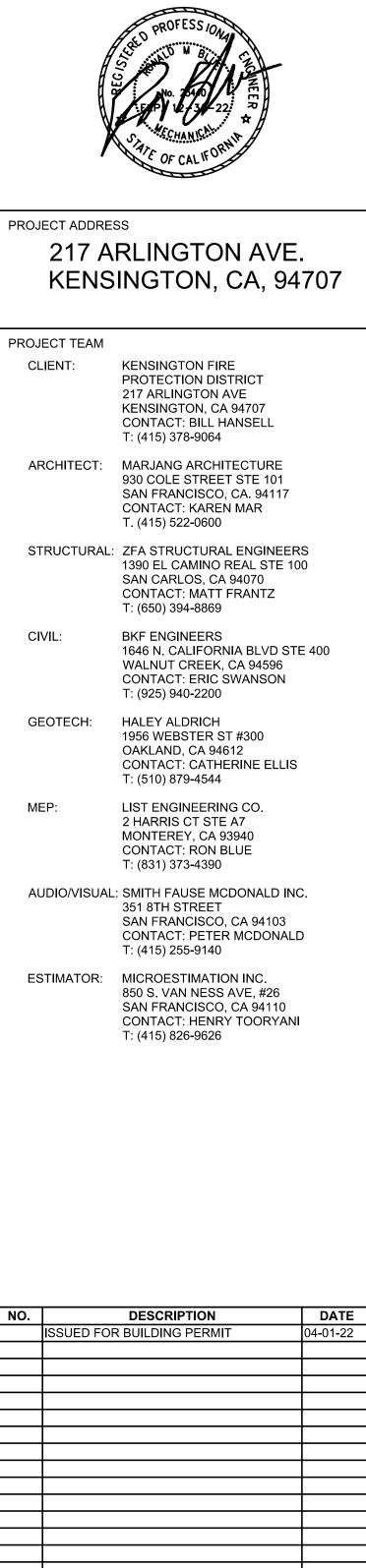
\bigcirc SHEET NOTES

- 1. PENETRATIONS NOT ALLOWED ON SHEAR WALLS. COORDINATE WITH STRUCTURAL.
- DEMOLISH ALL (E) MECHANICAL EQUIPMENT AND DUCTING, EXCEPT (E) VEHICLE ENGINE EXHAUST EXTRACT SYSTEM.
- 3. PROTECT AND RETAIN (E) VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM.



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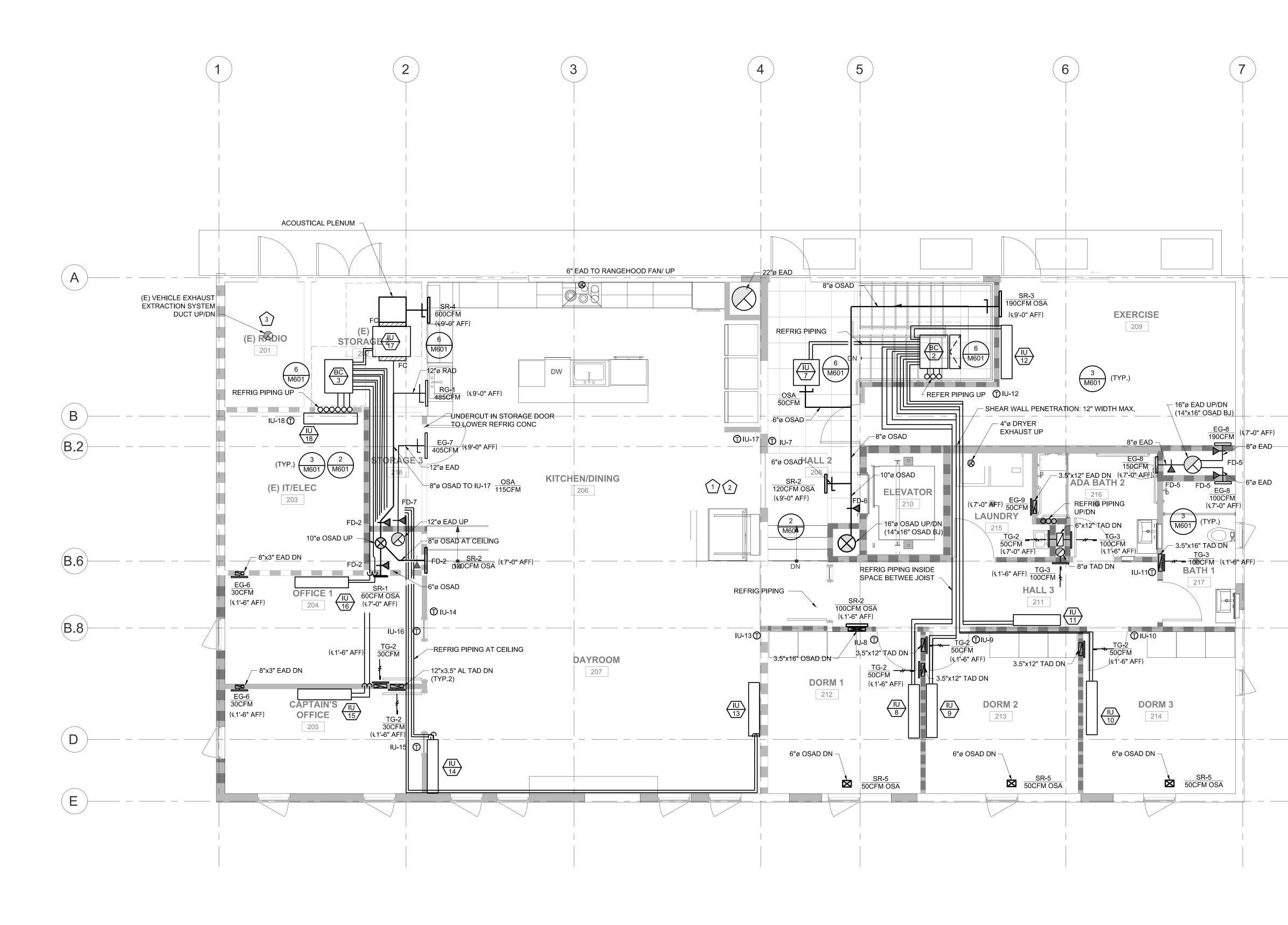


JOB NO.

DESCRIPTION MECHANICAL GROUND FLOOR PLAN

M201







SHEET NOTES

- 1. COORDINATE WITH STRUCTURAL BEFORE PENETRATING SHEAR WALLS.
- DEMOLISH ALL (E) MECHANICAL EQUIPMENT AND DUCTING, EXCEPT (E) VEHICLE ENGINE EXHAUST EXTRACT SYSTEM.
- 3. PROTECT AND RETAIN (E) VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM.

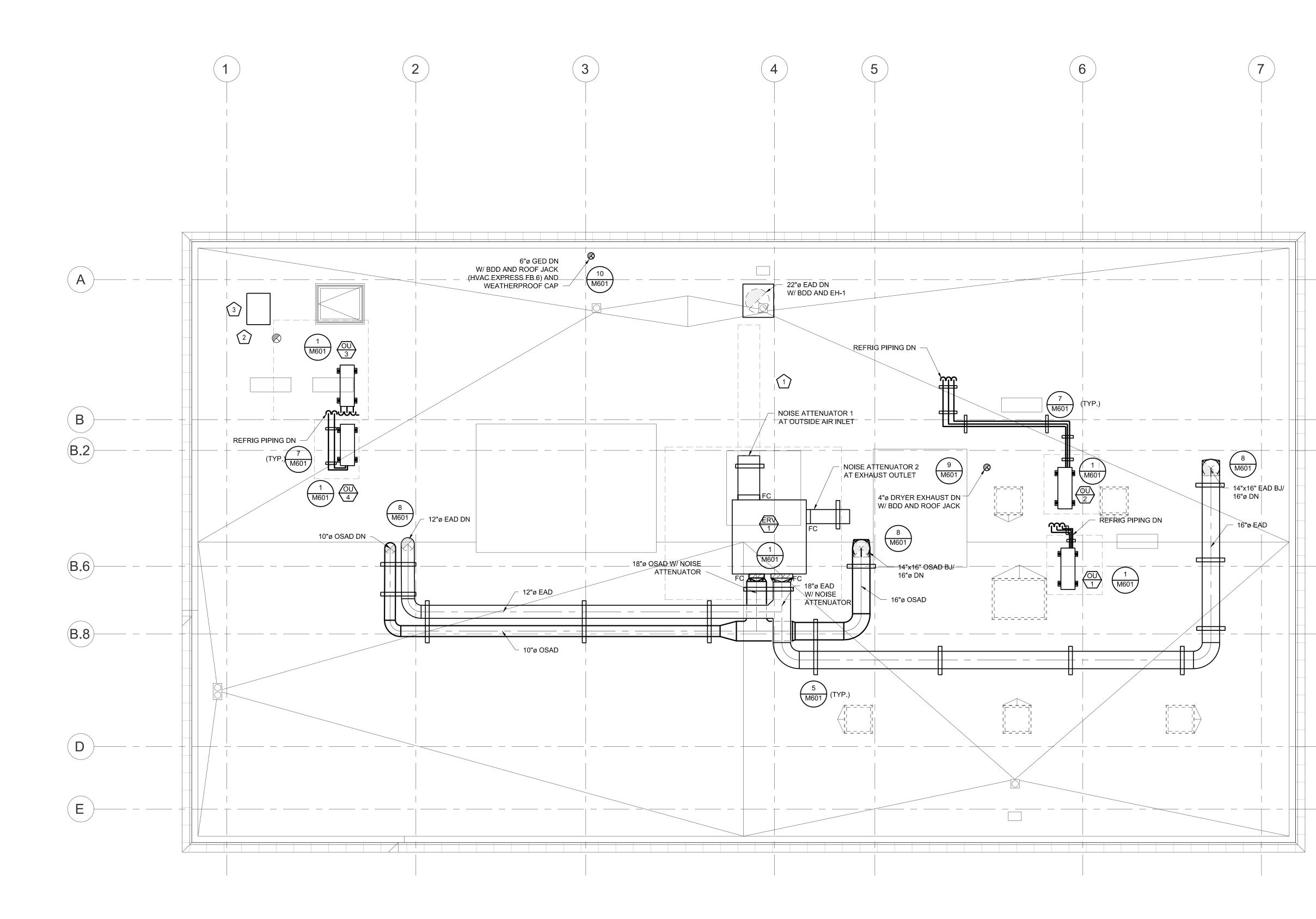


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M202

ROP IT





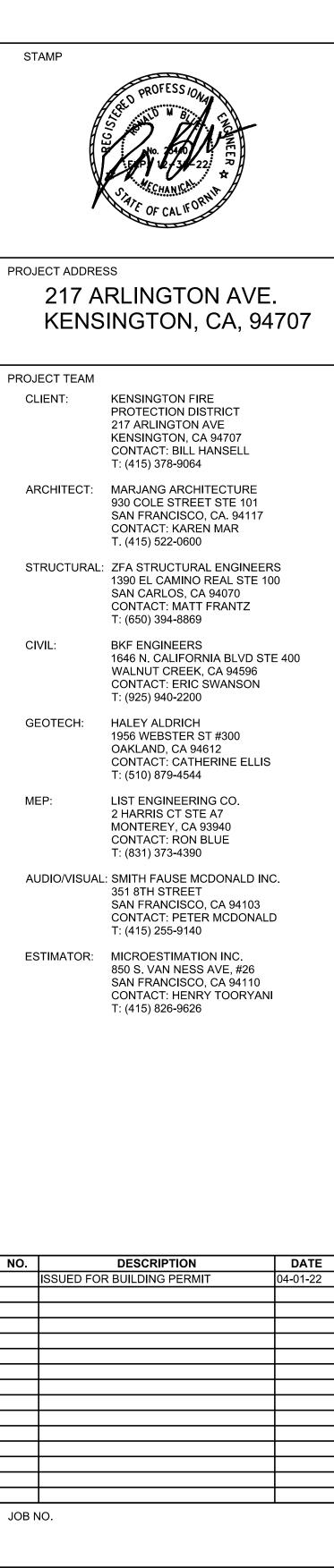


SHEET NOTES

- 1. DEMOLISH ALL (E) MECHANICAL EQUIPMENT AND DUCTING, EXCEPT (E) VEHICLE ENGINE EXHAUST EXTRACT SYSTEM.
- 2. PROTECT AND RETAIN (E) VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM.
- 3. REPLACE (E) EXHAUST FAN FOR VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM W/ (N) EF. EF TO MATCH (E) FAN CAPACITY. VIF. COVER EF W/ SOUND DEADENING MATERIAL.



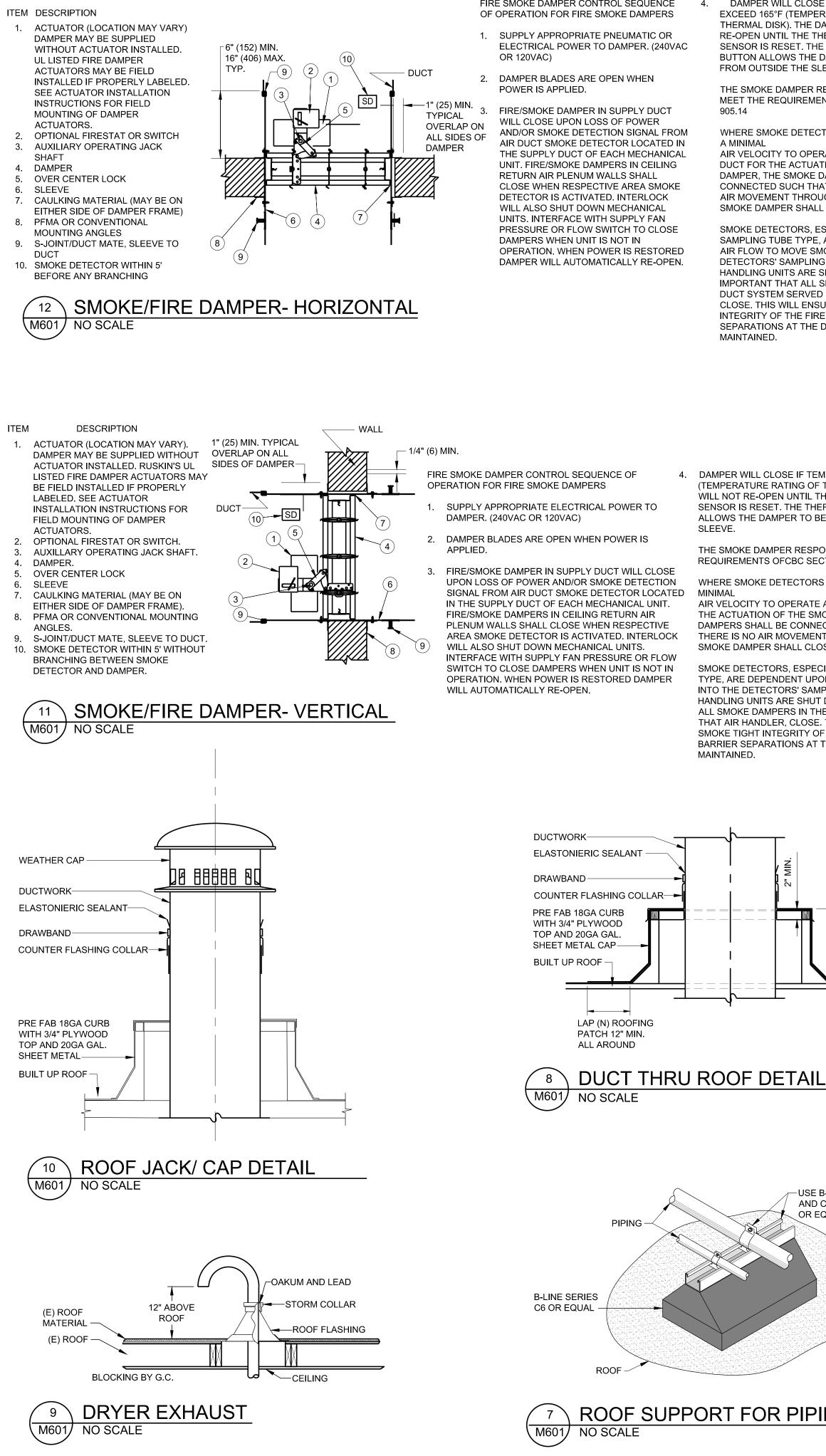
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DESCRIPTION MECHANICAL ROOF PLAN







FIRE SMOKE DAMPER CONTROL SEQUENCE 4.

- SUPPLY APPROPRIATE PNEUMATIC OR ELECTRICAL POWER TO DAMPER. (240VAC
- 2. DAMPER BLADES ARE OPEN WHEN

FIRE/SMOKE DAMPER IN SUPPLY DUCT WILL CLOSE UPON LOSS OF POWER AND/OR SMOKE DETECTION SIGNAL FROM AIR DUCT SMOKE DETECTOR LOCATED IN THE SUPPLY DUCT OF EACH MECHANICAL UNIT. FIRE/SMOKE DAMPERS IN CEILING RETURN AIR PLENUM WALLS SHALL CLOSE WHEN RESPECTIVE AREA SMOKE DETECTOR IS ACTIVATED. INTERLOCK WILL ALSO SHUT DOWN MECHANICAL UNITS. INTERFACE WITH SUPPLY FAN PRESSURE OR FLOW SWITCH TO CLOSE DAMPERS WHEN UNIT IS NOT IN OPERATION. WHEN POWER IS RESTORED

DAMPER WILL CLOSE IF TEMPERATURE EXCEED 165°F (TEMPERATURE RATING OF THERMAL DISK). THE DAMPER WILL NOT **RE-OPEN UNTIL THE THERMAL DISC HEAT** SENSOR IS RESET. THE THERMAL RESET BUTTON ALLOWS THE DAMPER TO BE RESET FROM OUTSIDE THE SLEEVE.

905.14

A MINIMAL

MAINTAINED.

SLEEVE.

MAINTAINED.

THE SMOKE DAMPER RESPONSE TIMES SHALL MEET THE REQUIREMENTS OFCBC SECTION

WHERE SMOKE DETECTORS DEPENDENT UPON

AIR VELOCITY TO OPERATE ARE INSTALLED IN DUCT FOR THE ACTUATION OF THE SMOKE DAMPER. THE SMOKE DAMPERS SHALL BE CONNECTED SUCH THAT WHEN THERE IS NO AIR MOVEMENT THROUGH THE DUCT, THE SMOKE DAMPER SHALL CLOSE.

SMOKE DETECTORS, ESPECIALLY THE SAMPLING TUBE TYPE, ARE DEPENDENT UPON AIR FLOW TO MOVE SMOKE INTO THE DETECTORS' SAMPLING CHAMBER. WHEN AIR HANDLING UNITS ARE SHUT DOWN IT IS IMPORTANT THAT ALL SMOKE DAMPERS IN THE DUCT SYSTEM SERVED BY THAT AIR HANDLER, CLOSE. THIS WILL ENSURE THE SMOKE TIGHT INTEGRITY OF THE FIRE AD SMOKE BARRIER SEPARATIONS AT THE DUCT PENETRATION IS

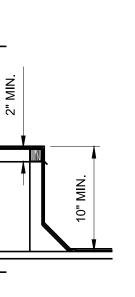
4. DAMPER WILL CLOSE IF TEMPERATURE EXCEED 165°F (TEMPERATURE RATING OF THERMAL DISK). THE DAMPER WILL NOT RE-OPEN UNTIL THE THERMAL DISC HEAT SENSOR IS RESET. THE THERMAL RESET BUTTON ALLOWS THE DAMPER TO BE RESET FROM OUTSIDE THE

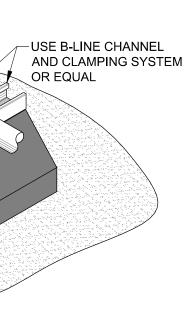
THE SMOKE DAMPER RESPONSE TIMES SHALL MEET THE REQUIREMENTS OFCBC SECTION 905.14

WHERE SMOKE DETECTORS DEPENDENT UPON A

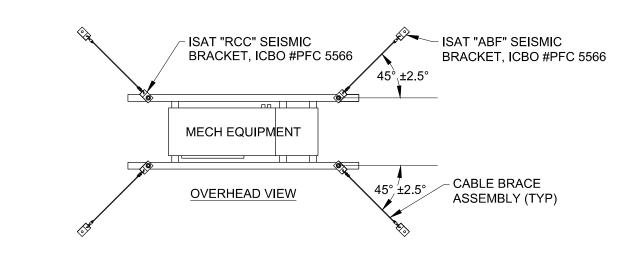
AIR VELOCITY TO OPERATE ARE INSTALLED IN DUCT FOR THE ACTUATION OF THE SMOKE DAMPER, THE SMOKE DAMPERS SHALL BE CONNECTED SUCH THAT WHERE THERE IS NO AIR MOVEMENT THROUGH THE DUCT, THE SMOKE DAMPER SHALL CLOSE.

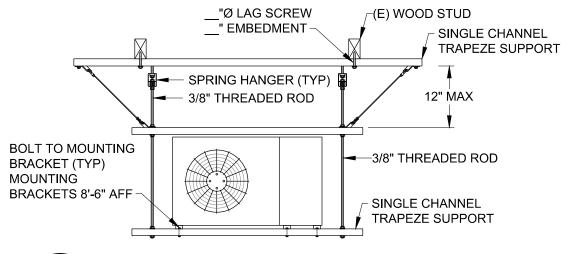
SMOKE DETECTORS, ESPECIALLY THE SAMPLING TUBE TYPE, ARE DEPENDENT UPON AIR FLOW TO MOVE SMOKE INTO THE DETECTORS' SAMPLING CHAMBER. WHEN AIR HANDLING UNITS ARE SHUT DOWN IT IS IMPORTANT THAT ALL SMOKE DAMPERS IN THE DUCT SYSTEM SERVED BY THAT AIR HANDLER, CLOSE. THIS WILL ENSURE THE SMOKE TIGHT INTEGRITY OF THE FIRE AD SMOKE BARRIER SEPARATIONS AT THE DUCT PENETRATION IS



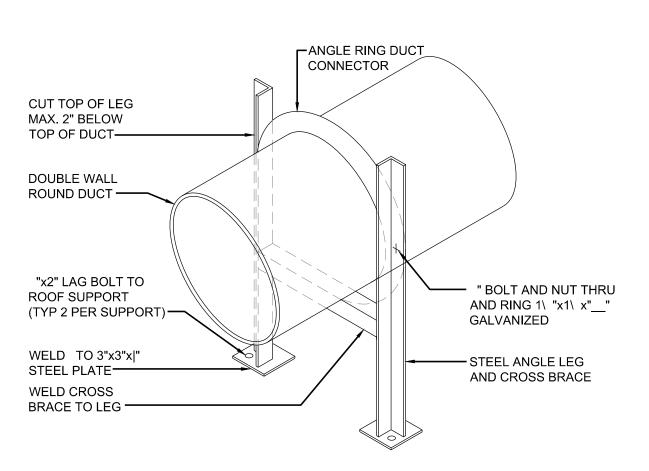




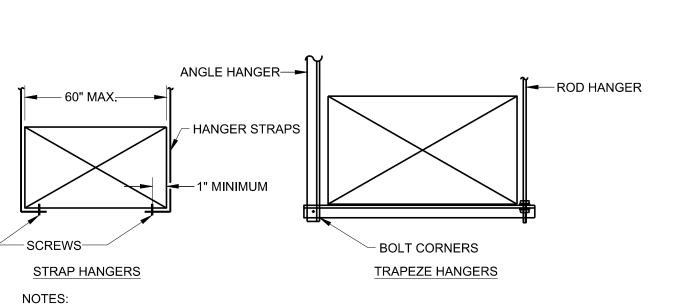






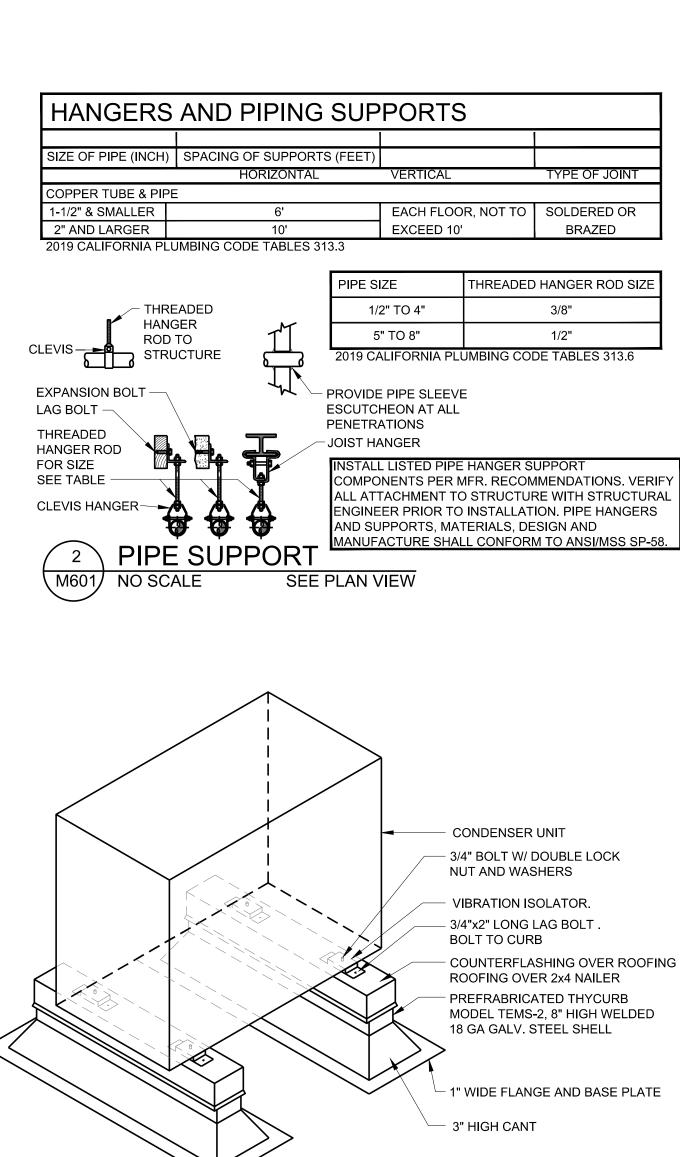




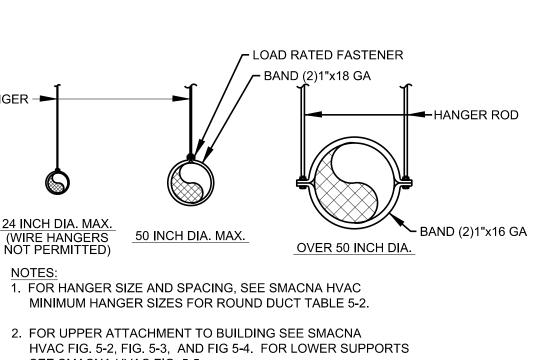


- 1. FOR HANGERS SIZE AND SPACING, SEE SMACNA HVAC RECTANGULAR DUCT HANGERS MINIMUM SIZE TABLE 5-1.
- 2. FOR UPPER ATTACHMENT TO BUILDING, SEE SMACNA HVAC FIG. 5-2, FIG. 5-3, AND FIG. 5-4 WITH SPECIFIC BUILDING STRUCTURAL ENGINEER APPROVAL. FOR LOWER HANGER ATTACHMENTS, SEE SMACNA HVAC FIG. 5-5.
- 3. FOR BRACING AND OTHER SEISMIC REQUIREMENTS, SEE GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS & PLUMBING PIPING SYSTEMS PUBLISHED BY SMACNA AND PPIC AS APPROVED BY OFICE OF STATE ARCHITECT 10/32/82, OSHPD PRE-APPROVED R0010. ALSO REFER TO NATIONAL UNIFORM SEISMIC INSTALLATION GUIDELINES (NUSIG) 1991 AS APPROVED BY OFFICE OF THE CALIFORNIA STATE ARCHITECT, OSHPD PRE- APPROVED R0215.

RECTANGULAR DUCT SUPPORTS 4 M601/ NO SCALE







SEE SMACNA HVAC FIG. 5-5. 3. FOR BRACING AND OTHER SEISMIC REQUIREMENT SEE GUIDELINES MECHANICAL SYSTEMS AND PLUMBING.

ALSO REFER TO NATIONAL UNIFORM SEISMIC INSTALLATION.

ROUND DUCT SUPPORTS NO SCALE

STRAP HANGER -

M601

ROOFTOP EQUIPMENT SUPPORT DETAIL



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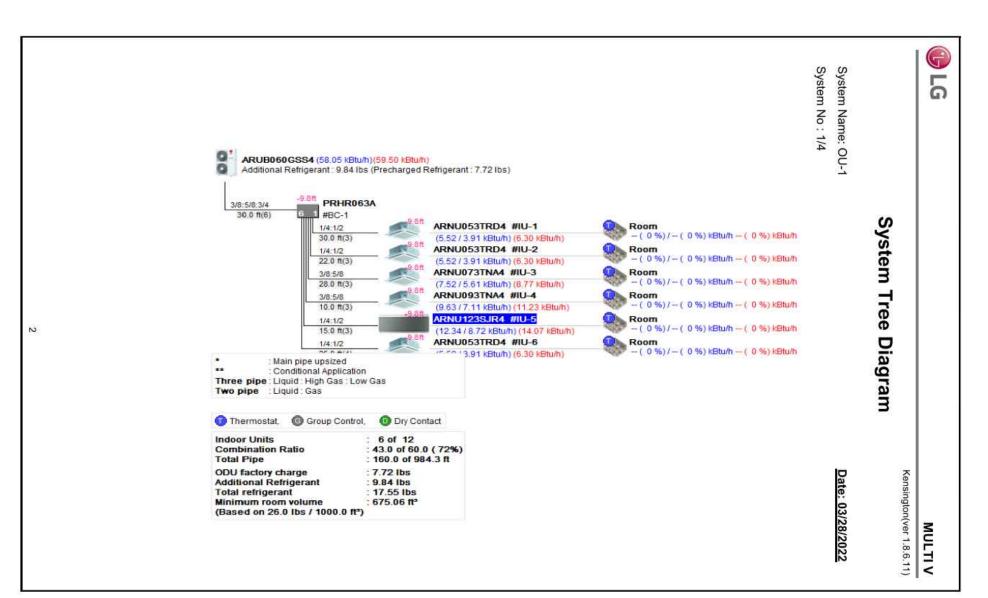
'H	COJECT LEAM	
	CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
	ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
	STRUCTURAL:	ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
	CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
	GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
	MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
	AUDIO/VISUAL:	SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
	ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626

NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	04-01-22

JOB NO.

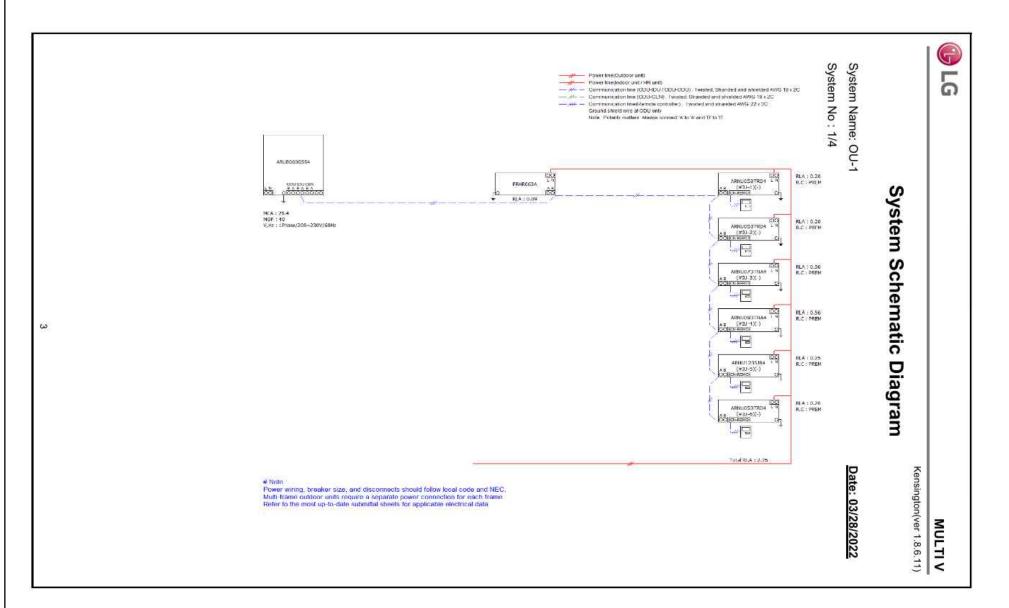
DESCRIPTION MECHANICAL DETAILS

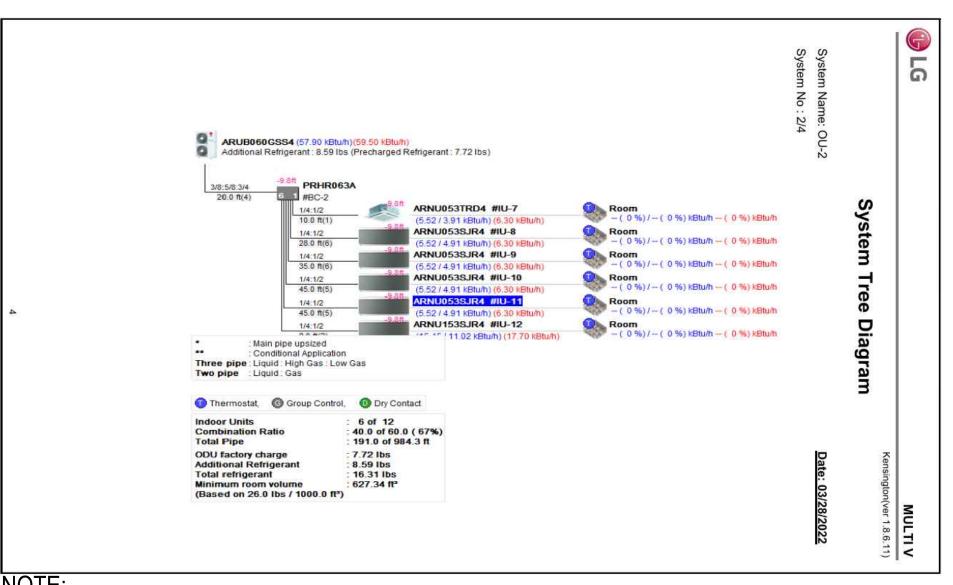
M601



NOTE:

- 1. CONTRACTOR TO FIELD VERIFY REFRIGERANT PIPING LENGTH AND UPDATE VRF SOFTWARE.
- 2. CONTRACTOR TO VERIFY TOTAL REFRIGERANT CHARGE IN COMPLIANCE WITH CMC 1104.2



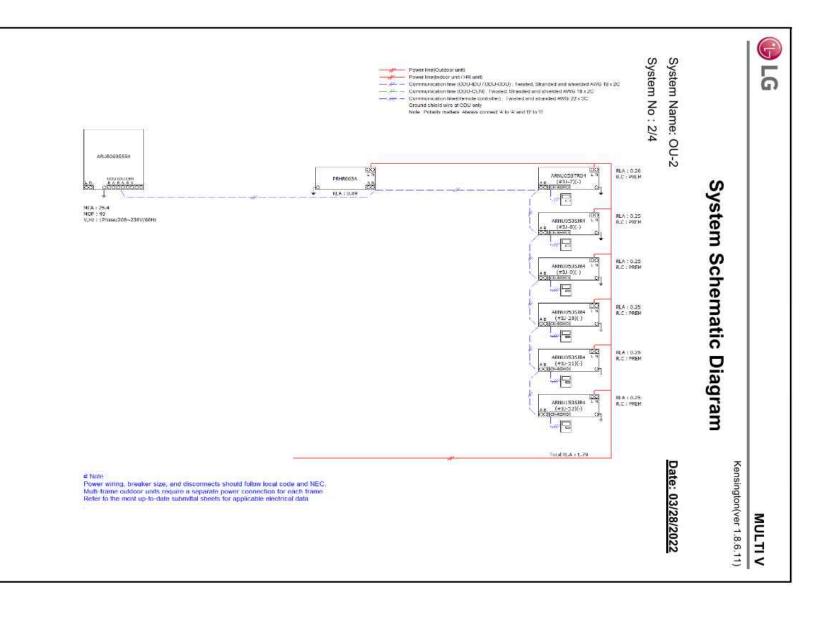


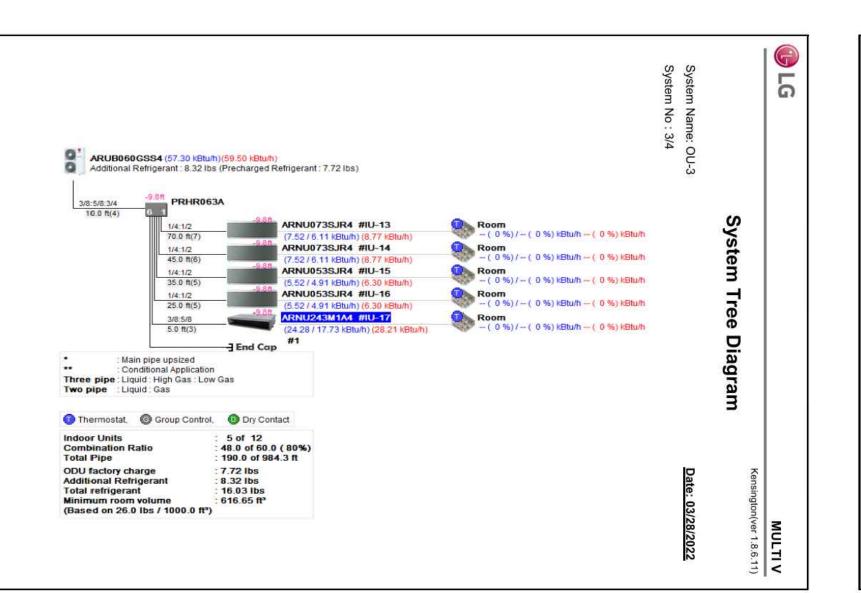
NOTE:

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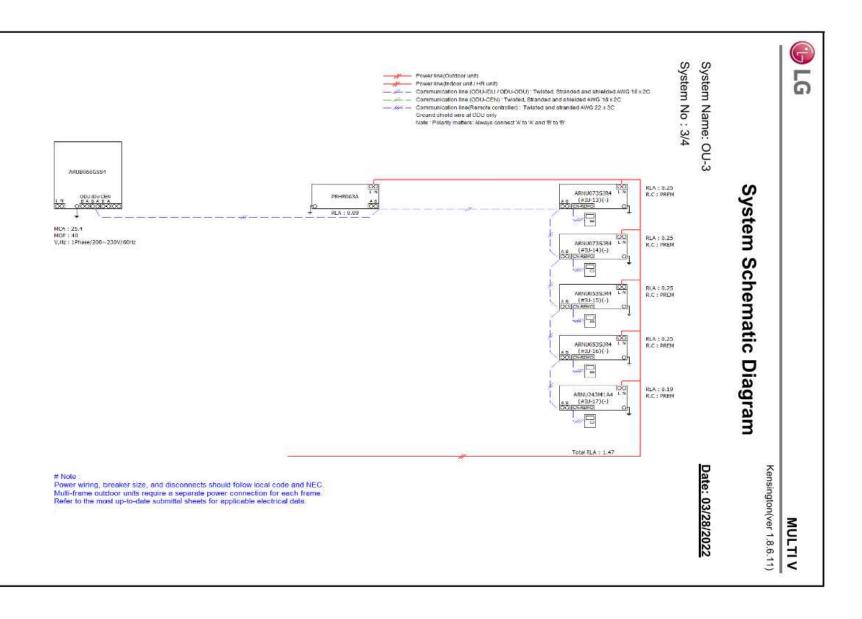
NOTE:

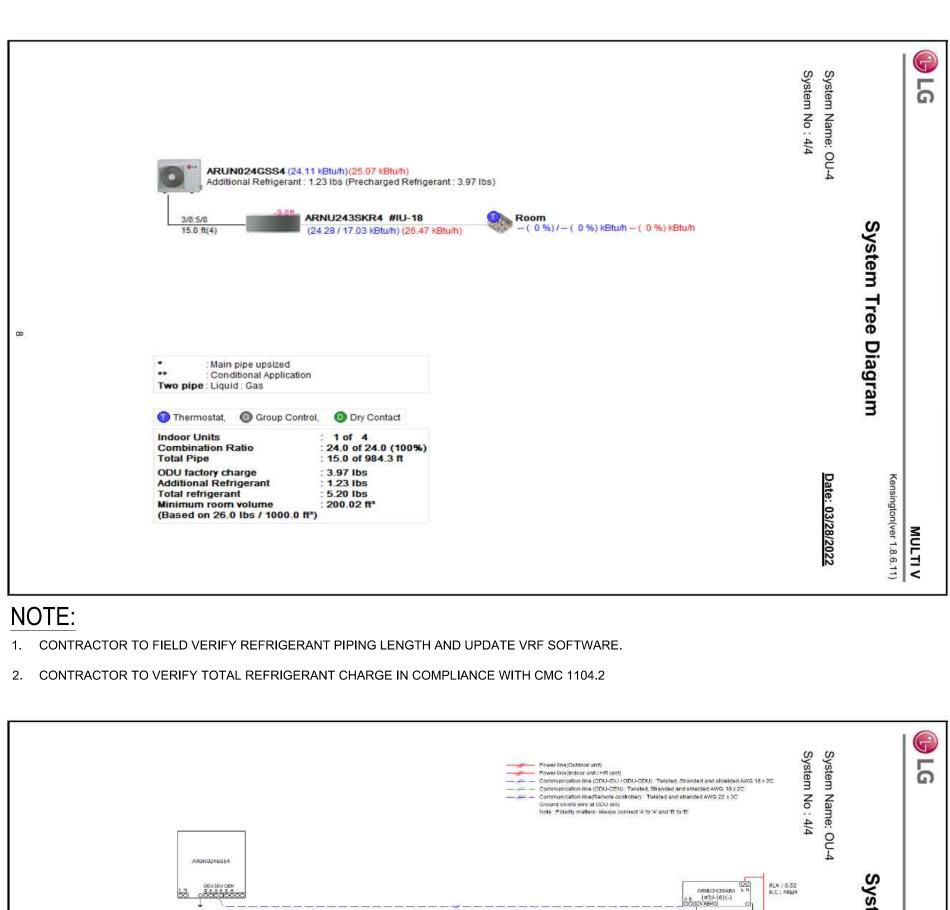




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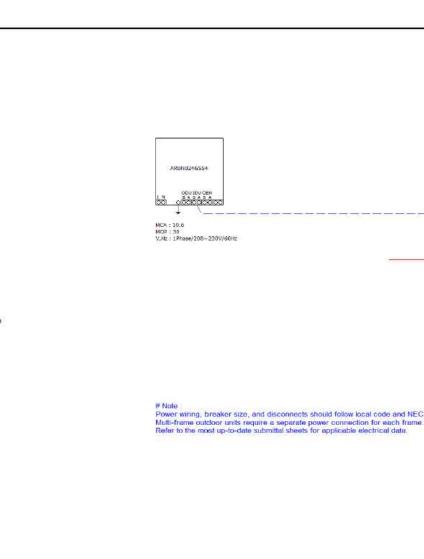


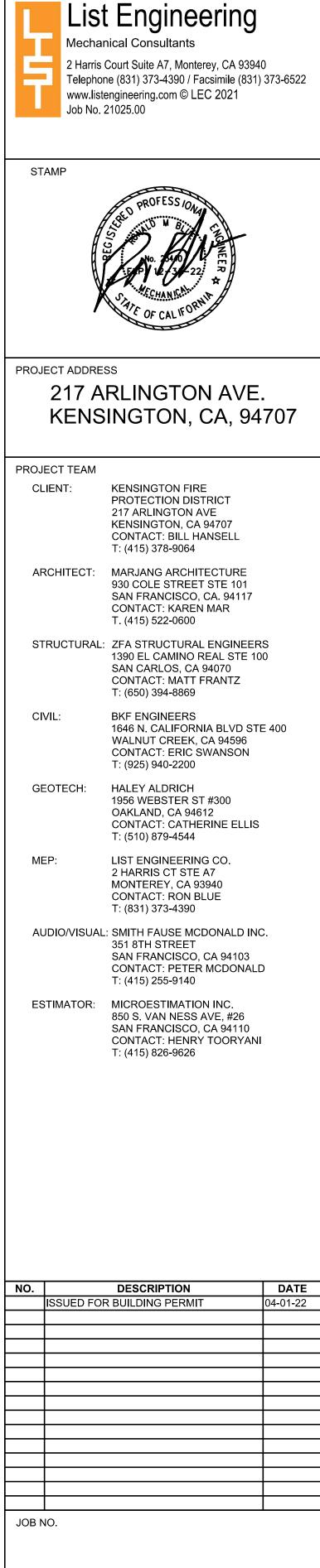


Total RLA : 0.52

0

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DESCRIPTION MECHANICAL SYSTEM SCHEMATIC DIAGRAM

M602

QTY.	DESCRIPTION	FU/FIXTURE	DCW FU	DHW FU	REMARKS
3	WATER CLOSET (FV)	*	90	-	SEE CPC TABLE 610.10
3	LAVATORY	1	3	3	
3	HOSE BIBB	2.5/1.0	4.5	0	SEE CPC TABLE 610.3
2	SHOWER	2	4	4	
2	KITCHEN SINK	1.5	3	3	
1	LAUNDRY SINK	1.5	1.5	1.5	
1	DISHWASHER	1.5	1.5	1.5	
1	SERVICE SINK	3	3	3	
2	DRINKING FOUNTAIN	0.5	1	-	
2	CLOTHES WASHER	4	8	8	
3	REFRIGERATOR	0.5	1.5	-	
1	EYEWASH	*	*	*	
1	ICE MAKER	0.5	0.5	-	
		TOTAL:	121.5	24	
	DEMAND IN GPM:		73	38	

WA	STE FIXTURE UNIT CALCULATIONS (DFL	J)		
QTY.	DESCRIPTION	DFU/FIXTURE	TOTAL DFU	REMARKS
3	WATER CLOSET (FV)	4	12	
3	LAVATORY	1	3	
2	SHOWER	2	4	
2	KITCHEN SINK	2	4	
1	LAUNDRY SINK	2	2	
1	DISHWASHER	2	2	
1	SERVICE SINK	3	3	
2	DRINKING FOUNTAIN	0.5	1	
0	HOSE BIBB	1.5	0	
2	CLOTHES WASHER	3	6	
5	FLOOR DRAIN	2	10	
2	FLOOR SINK	2	4	
1	ICE MAKER	0.5	0.5	
		TOTAL:	57.5	

/ETER ADDRESS:					
/INIMUM SUPPLY PRESSURE:				80	PSI
AXIMUM FLOW RATE BASED ON FIXTURE UNITS:				73	GPM
ENGTH OF PIPE FROM METER TO FARTHEST FIXTURE:				125	FT
VATER PRESSURE CALCULATION:					
AVAILABLE PRESSURE:				80	PSI
RESIDUAL PRESSURE:				25	PSI
ELEVATION CHANGE:		25	FT	11	PSI
METER LOSS:				10	PSI
BACKFLOW PREVENTOR LOSS:				10	PSI
PRV LOSS:				0	PSI
MAXIMUM AVAILABLE FRICTION LOSS:				24	PSI
(MAX FRICTION) x 100 / (TOTAL LENGTH) =				19.31	PSI/100FT
	(E) WATER SERVICE SIZE:			2"	
	SELECTED PIPE SIZE SUPPORTS UP TO:			95	GPM

THE ABOVE DOES NOT INCLUDE FIRE PROTECTION OR LANDSCAPE
THE ABOVE CALCULATION BASED ON 2019 CPC APPENDIX A.

IATURA	L GAS CALCULATIONS			
MARK	DESCRIPTION	CFH DEMAND	DISTANCE FROM METER	BRANCH PIPE SIZE
WH-1	WATER HEATER	150000	55'	3/4"
GR-1	GRILLE	40000	60'	3/4"
IR-1	INFRARED HEATER	35000	80'	1/2"
IR-2	INFRARED HEATER	35000	70'	1/2"
IR-3	INFRARED HEATER	35000	65'	1/2"
IR-4	INFRARED HEATER	35000	60'	1/2"
IR-5	INFRARED HEATER	35000	50'	1/2"
IR-6	INFRARED HEATER	35000	25'	1/2"
	TOTAL GAS DEMAND:	400000		
	MAX. PIPING LENGTH:	80'		
	GAS SERVICE SIZE TO BUILDING:		1-1/2"	

SYMBC	DLS & ABBREVIATI	ONS ((PLUMBING)
	BALANCING COCK	ABV.CLG.	ABOVE CEILING
	BALL VALVE	AFCO	ACID FLOOR CLEANOUT
		AFD	ACID RESISTANT FLOOR
	CAP	AFF	ABOVE FINISH FLOOR
	CHECK VALVE	AGCO	ACID GRADE CLEANOUT
	CLEANOUT	AP	ACCESS PANEL
———— A ————	COMPRESSED AIR PIPING (E)	AV AVTR	ACID VENT ACID VENT THRU ROOF
D	DEIONIZED WATER (EXISTING)	AWIN	ACID WASTE
L	DOMESTIC COLD	AWCO	ACID WALL CLEANOUT
	WATER (EXISTING)	BV	BALL VALVE
	DOMESTIC COLD	CA	COMPRESSED AIR PIPIN
		СВ	CATCH BASIN
	DOMESTIC HOT WATER (EXISTING)	CD	
	DOMESTIC HOT WATER (NEW)	CFH CI	CUBIC FEET PER HOUR CAST IRON
	DOMESTIC HOT WATER (NEW)	CP	CHROME PLATED
	(EXISTING)	DCW	DOMESTIC COLD WATER
	DOMESTIC HOT WATER RETURN	DHW	DOMESTIC HOT WATER
	(NEW)	DHWR	DOMESTIC HOT WATER F
	DIRECTION OF FLOW	DCV	DETECTOR CHECK VALV
DSP	DRY STANDPIPE	DF DN	DRINKING FOUNTAIN DOWN
EI	FIRE SPRINKLER PIPING	DS	DOWN SPOUT
		DSP	DRY STAND PIPE
	FLANGED UNION	(E)	EXISTING
(\bigcirc)	FLOOR DRAIN/ AREA DRAIN	EC	ELECTRICAL CONTRACT
\bigcirc	FLOOR SINK	EL	ELEVATION
——— FM ———	FORCE MAIN	EWH	ELECTRIC WATER HEATE
G	GAS PIPING (EXISTING)	(F) FC	FIRE SPRINKLER PIPING
G	GAS PIPING (NEW)	FCO	FLOOR CLEANOUT
U ₩		FD	FLOOR DRAIN
	GAS COCK	FL	FIRE LINE
	GATE VALVE	FM	FORCE MAIN
	GLOBE VALVE	FS	FLOOR SINK
HPG	HIGH PRESSURE GAS	FSC	FIRE SPRINKLER CONTR
	PIPING	GC GCO	GENERAL CONTRACTOR GROUND CLEANOUT
—	HOSE BIBB ((E) 3/4" MIN.)	GPM	GALLONS PER MINUTE
LPG		GW	GREASE WASTE
	PIPING (EXISTING) LIQUID PETROLEUM GAS	НВ	HOSE BIBB
LPG	PIPING (NEW)	HPG	HIGH PRESSURE GAS
O2	OXYGEN PIPING (EXISTING)	DHWS	HOT WATER SUPPLY
O2		IE:	INVERT ELEVATION
UZ T	OXYGEN PIPING (NEW)	LAV LPG	LAVATORY LOW PRESSURE GAS
	PETES PLUG	MC	MECHANICAL CONTRACT
	PIPE (ABOVE THE CEILING)	MS	MOP SINK
\times	PIPE HANGER	NPW	NON POTABLE WATER
\bigcirc	PIPE TURNING UP (RISE)	(N)	NEW
(PIPE TURNING DOWN (DROP)	OFD	
\sim	· · · · · ·	O2 PC	OXYGEN PLUMBING CONTRACTOR
	PIPE TEE DOWN	PIV	POST INDICATION VALVE
	PRESSURE REDUCING VALVE	POC	POINT OF CONNECTION
<u></u> ↓	T & PRV RELIEF VALVE	POD	POINT OF DEMOLITION
4	POINT OF CONNECTION	PP	PETES PLUG
	TO EXISTING	PRV	PRESSURE REDUCING V
RWL	RAIN WATER LEADER (EXISTING)		POLYVINYL CHLORIDE PI
	RAIN WATER LEADER	RD RPBFP	ROOF DRAIN BACKFLOW PREVENTOR
D	REDUCER	NEDEE	REDUCED PRESSURE
(ROOF DRAIN	RWL	RAIN WATER LEADER
SD		RTU	ROOF TOP UNIT
		SD	STORM DRAIN
SD	STORM DRAIN (NEW)	SDCW	SOFT DOMESTIC COLD V
	STRAINER	SDHW SK	SOFT DOMESTIC HOT WA
	SUB-SOIL PIPING	SOV	SINK SHUTOFF VALVE
	UNION	SS	SANITARY SEWER
	VACUUM PIPING (EXISTING)	TP	TRAP PRIMER
	VACUUM PIPING (NEW)	UR	URINAL
		V	VENT
	VENT PIPING (EXISTING)	VB	VALVE BOX
	VENT PIPING (NEW)	VAC	
	ACID VENT	VIF VTR	VERIFY IN FIELD VENT THRU ROOF
	WASTE PIPING (EXISTING)	W	WASTE
	(N) WASTE PIPING (ABOVE FLOOR)	wc	WATER CLOSET
	WASTE PIPING -	wco	WALL CLEANOUT
	UNDERGROUND (NEW)	WH	WATER HEATER
GW	GREASE WASTE (EXISTING)	WHA	WATER HAMMER ARRES
GW		WM	WATER METER
WSP			
	WET STANDPIPE (NEW)		
	WATERHAMMER ARRESTOR (WHA)		
	· · · ·		
	TRAP PRIMER (TP)		
<u> </u>	TO BE REMOVED		

NNS (PLUMBING)
BV.CLG.	ABOVE CEILING
	ACID FLOOR CLEANOUT
FD FF	ACID RESISTANT FLOOR DRAIN
	ABOVE FINISH FLOOR ACID GRADE CLEANOUT
Р	ACCESS PANEL
•	ACID VENT ACID VENT THRU ROOF
	ACID WASTE
WCO	ACID WALL CLEANOUT
V A	BALL VALVE COMPRESSED AIR PIPING
B	CATCH BASIN
D	CONDENSATE
FH I	CUBIC FEET PER HOUR CAST IRON
P	CHROME PLATED
CW HW	DOMESTIC COLD WATER DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER
CV	DETECTOR CHECK VALVE
F N	DRINKING FOUNTAIN DOWN
S	DOWN SPOUT
SP	DRY STAND PIPE
E) C	EXISTING ELECTRICAL CONTRACTOR
L	ELEVATION
WH -\	
[;]) C	FIRE SPRINKLER PIPING FLEX CONNECTOR
CO	FLOOR CLEANOUT
D	FLOOR DRAIN FIRE LINE
L M	FORCE MAIN
S	FLOOR SINK
SC C	FIRE SPRINKLER CONTRACTOR GENERAL CONTRACTOR
СО	GROUND CLEANOUT
PM W	GALLONS PER MINUTE GREASE WASTE
vv B	HOSE BIBB
PG	HIGH PRESSURE GAS
HWS ::	HOT WATER SUPPLY INVERT ELEVATION
 AV	LAVATORY
⊃G	LOW PRESSURE GAS
C S	MECHANICAL CONTRACTOR MOP SINK
PW	NON POTABLE WATER
l) FD	NEW OVERFLOW DRAIN
2	OXYGEN
C IV	PLUMBING CONTRACTOR POST INDICATION VALVE
OC	POINT OF CONNECTION
OD	POINT OF DEMOLITION
P RV	PETES PLUG PRESSURE REDUCING VALVE
VC	POLYVINYL CHLORIDE PIPE
D	
PBFP	BACKFLOW PREVENTOR REDUCED PRESSURE
WL	RAIN WATER LEADER
TU D	ROOF TOP UNIT STORM DRAIN
DCW	SOFT DOMESTIC COLD WATER
DHW	SOFT DOMESTIC HOT WATER
K OV	SINK SHUTOFF VALVE
S	SANITARY SEWER
P R	TRAP PRIMER
n	VENT
B	VALVE BOX
AC IF	VACUUM VERIFY IN FIELD
TR	VENT THRU ROOF
ı IC	WASTE WATER CLOSET
/CO	WATER CLOSET WALL CLEANOUT
/H	
/HA /M	WATER HAMMER ARRESTOR WATER METER

DRAWING
DWG #
P001
P002
P003
P201
P202
P203
P204
P205
P206
P601

GENERAL PLUMBING NOTES

1. ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA PLUMBING CODE AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24.

2. LOCATION OF ALL ROOF OPENINGS AND THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT SUPPORTS ARE DETAILED ON THE STRUCTURAL AND ARCHITECTURAL PLANS.

3. PLATFORMS, CURBS AND FLASHING FOR EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS. COORDINATE THE EXACT SIZES OF REQUIRED OPENINGS AND SUPPORT FOR THE FURNISHED EQUIPMENT.

4. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

5. ALL EQUIPMENT, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHERPROOFED.

6. PIPES SHALL BE SUPPORTED AND BRACED PER SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS."

7. COORDINATE PLUMBING SYSTEMS WITH WORK OF OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

8. EXPOSED PIPING ALLOWED ONLY WHERE INDICATED. PROVIDE ESCUTCHEONS IN FINISHED AREAS. 9. MAINTENANCE LABEL SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT.

10. PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR EQUIPMENT PROVIDED UNDER OTHER DIVISIONS OF THE SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EQUIPMENT.

11. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED BY AN APPROVED MATERIAL AS PRESCRIBED IN CBC SECTION 714.

12. REFER TO STRUCTURAL DRAWING FOR LOCATIONS OF BEAMS, SHEAR WALLS AND MEMBERS. ALL DRILLING OF STRUCTURAL BEAMS AND MEMBERS TO BE COORDINATED WITH THE STRUCTURAL ENGINEER. ALL HOLES SHALL BE MINIMUM SIZE AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO DRILLING.

13. FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING, DUCTWORK AND EQUIPMENT PRIOR TO FABRICATION OF ANY NEW WORK.

14. ALL WATER CLOSETS CONTROLS SHALL BE ON THE WIDE SIDE OF THE FIXTURE AWAY FROM THE WALL.

15. ALL FAUCET CONTROLS SHALL BE OPERABLE WITH THE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.

	G INDEX
	DRAWING DESCRIPTION
	PLUMBING TITLE SHEET
	PLUMBING SCHEDULES
	TITLE-24 DOCUMENTS
	UNDERGROUND PLUMBING PLAN
	PLUMBING WASTE, RWL & VENT GROUND FLOOR PLAN
	PLUMBING WASTE, RWL & VENT SECOND FLOOR PLAN
	PLUMBING WASTE, & VENT ROOF PLAN
	PLUMBING DCW, DHW, & GAS GROUND FLOOR PLAN
	PLUMBING DCW, DHW, & GAS SECOND FLOOR PLAN
	DETAILS
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STAMP



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PROJECT TEAM	
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ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626

NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	04-01-22

JOB NO.

DESCRIPTION PLUMBING TITLE SHEET





CODE	DESCRIPTION	MANUFACTURER	MODEL	ACCESSIBLE		MOUNTING TYP	E	GOOSENEC	K	MIN. R		I CONN		LOCATION	REMARKS
					FLOOR	COUNTER TOP	WALL	SPOUT	W	V	CW	HW	NPW		
WC-1	WATER CLOSET	тото	CT705ULN(G)	ADA	•	-	-	-	4	2	1	-	-	RESTROOM, BATH 2	1.28 GPF, FLUSH VALVE
WC-2	WATER CLOSET	тото	CT705ULN(G)	_	•	_	-	_	4	2	1	-		BATH 1	1.28 GPF, FLUSH VALVE
															1.5 GPM. PRESSURE-BALANCING MIXING VALVE WITH INTEGRAL HANDLE, VOLUME CONTROL, INTEGRAL STOPS, 1.5 GPM FLOW RA
SH-1	SHOWER	тото	TS362P	ADA	-	-	•		-	-	1/2	1/2	-	BATH 2	TOTO TBW01020U2 HAND-HELD SHOWER WITH IN-LINE VACUUM BREAKER, TS101W60 60" METAL BRAIDED HOSE, WALL CONNECTION
															PROVIDE CHROME DRAIN, TOTO TBV01103U 2-WAY DIVERTER, TOTO TBW01013U4 FIXED SHOWER HEAD LOCATED NOT FACING SH
SH-2	SHOWER	тото	TS362P	-	-	_	•		_	-	1/2	1/2	-	BATH 1	1.5 GPM. PRESSURE-BALANCING MIXING VALVE WITH INTEGRAL HANDLE, VOLUME CONTROL, INTEGRAL STOPS, 1.5 GPM FLOW RA
															HAND-HELD SHOWER TOTO TBW01020U2 WITH IN-LINE VACUUM BREAKER, TS101W60 60" METAL BRAIDED HOSE, WALL CONNECTION
L-1	LAVATORY	CATALANO	180SVP00	ADA	_	_	•		2	11/2	1/2	1/2	-	RESTROOM, BATH 2	0.35 GPM. TOTO TL363SDA03 FAUCET, SINGLE HANDLE, SINGLE HOLE INSTALLATION, GRID DRAIN ASSEMBLY, CARRIER SUPPORT.
L-2	LAVATORY	CATALANO	180SVP00	_	-	_	•		2	11/2	1/2	1/2	-	BATH 1	0.35 GPM. TOTO TL363SDA03 FAUCET, SINGLE HANDLE, SINGLE HOLE INSTALLATION, GRID DRAIN ASSEMBLY, CARRIER SUPPORT.
SK-1	KITCHEN SINK	BLANCO	QUATRUS MEDIUM SINGLE	ADA	-	•	-	•	2	11/2	1/2	1/2	-	KITCHEN	1.5 GPM. 32"X18", ADA COMPLIANT 25"X18", 5-1/2" DEEP SINK W/ JUST JPR-701-N SS FAUCET, LK-35LSTRAINER PROVIDE VALVE AND
SK-2	KITCHEN SINK	BLANCO	QUATRUS MEDIUM SINGLE	_	-	•	-	•	2	11/2	1/2	1/2	- 1	KITCHEN	1.5 GPM. 32"X18", 9" DEEP SINK W/ JUST JPR-701-N SS, LK-35L STRAINER PROVIDE INSINKERATOR, BADGER 5XP 3/4HP GARBAGE D
SK-3	LAUNDRY SINK	ELKAY	SEHS-17X	_	-	_	•	•	2	11/2	1/2	1/2	- 1	LAUNDRY	1.5 GPM
SK-4	SERVICE SINK	JUST	SB-230-24R	_	•	_	•	•	2	11/2	1/2	1/2	-	DECON	1.0 GPM. CHICAGO FAUCETS: 510-G613L12XKCAB, PRE-RINSE FITTING W/ 8" ADJUSTABLE CENTERS. CHICAGO FAUCETS: 625-ABCP
CW-1	CLOTHES WASHER	GE	GFW550	ADA	•	_	-	-	2	11/2	1/2	1/2	- 1	LAUNDRY	PROVIDE WITH WHA
CW-2	EXTRACTOR	MILNOR	T SERIES 30015T6X	_	•	_	_	-	3	2	3/4	3/4	-	ASSEMBLY BAY	PROVIDE WITH WHA
DW-1	DISHWASHER	GE	GDT225	ADA	•	_	_	_	2	-	_	1/2	-	KITCHEN	SEE DETAIL 5/ P601
RF-1	REFRIGERATOR	GE	GFE28	ADA	•	_	_	_	_	-	1/2	_	-	KITCHEN	
RF-2	REFRIGERATOR	GE	GNE29	_	•	_	_	_	_	-	1/2	_	-	KITCHEN	
IM-1	ICE MAKER	KITCHENAID	KUID508H	_	•	_	_	-	3/4	_	1/2	_	-	KITCHEN	DRAIN WASTE TO FLOOR SINK IN ASSEMBLY BAY WITH 1" AIR GAP.
FD-1	FLOOR DRAIN	WATTS	FD-100-A5-7	_	•	_	_	_	2	1 1/2	-	_	1/2	MULTIPLE	EPOXY COATED, CAST IRON BODY, REVERSIBLE . FLASHING CLAMP WITH PRIMARY AND SECONDARY WEEPHOLES, NO HUB OUTLI
															WATTS -A5 ADJUSTABLE ROUND STRAINER, 5" (127 MM) DIAMETER NICKEL BRONZE. TRAP PRIMER CONNECTION.
FS-1	FLOOR SINK	ZURN	Z1900	_	•	_	_	_	2	1 1/2	_	_	1/2	MULTIPLE	SANI-FLOOR RECEPTOR. 12X12X6 DEEP CAST IRON BODY AND SQUARE. LIGHT DUTY 3/4 GRATE W/ 1/2"SLOTTED OPENINGS. WHIT
															COMPLETE W/ ABS ANTI-SPLASH INTERIOR BOTTOM DOMW STRAINER. NO HUB CONNECTION. TRAP PRIMER CONNECTION.
	EVENAAL		0.10.10								4/0	4.10			
EW-1	EYEWASH	GUARDIAN	G1849		-	•	-	-	-	-	1/2	1/2	-	ASSEMBLY BAY	MOUNT ON SK-4. PROVIDE WITH TEMPERATURE MIXING VALVE.
HB-1	HOSE BIBB	NIBCO	QT54X	-	-	_	•	-	-	-	3/4	-	-	EXTERIOR	
DF-1		ELKAY	EZH20 LZSTLDDWSSK/LZWSR	-		_	•	-	2	11/2	1/2	-	-	LOBBY	0.5 GPM. WALL MOUNTED BARRIER FREE, 14 GAUGE TYPE 304 STAINLESS STEEL DRINKING FOUNTAIN WITH BOTTLE FILLER
RD-1	ROOF DRAIN	JAY R SMITH	DX1010	_	•	_	-	_	3	-	-	_	-	ROOF	
RD-2/OFD-1	ROOF DRAIN/ OVERFLOW DRAIN	JAY R SMITH	1850	_	•	_	-	-	3	-		_		ROOF	COMBINATION ROOF AND OVERFLOW DRAIN
TP-1	TRAP PRIMER	MIFAB	M-500 W/ DISTRIBUTION UNIT MI-DU	-		_		-		-	-	_	-	MULTIPLE	
SOI-1	SAND & OIL INTERCEPTOR	STRIEM	OS-100						4	3				DRIVEWAY	BURIED, CONNECT TO SANITARY SEWER.
TD-1	TRENCH DRAIN	ZURN	Z886 TRENCH NO. 8601, 8602, 8603		•				4			-		ASSEMBLY BAY	SEE STRUCTURAL DETAIL.

SYSTEM	LOCATION	SIZE	PIPE	FITTINGS	JOINTS	TEST
SANITARY WASTE	ABOVE GROUND	3" & LARGER	SERVICE WT. CAST IRON	SERVICE WT. CAST IRON	HUSKY #4000 NO-HUB SS FITING	1
	ABOVE GROUND	2-1/2" & SMALLER	STD WT. GALV. STEEL	SERVICE WT. CAST IRON	HUSKY #4000 NO-HUB SS FITING	1
SANITARY VENT	ABOVE GROUND	3" & LARGER	SERVICE WT. CAST IRON	SERVICE WT. CAST IRON	HUSKY #4000 NO-HUB SS FITING	WATER TO ROOF
	ABOVE GROUND	2-1/2" & SMALLER	STD WT. CAST IRON	SERVICE WT. CAST IRON	HUSKY #4000 NO-HUB SS FITING	WATER TO ROOF
DOMESTIC COLD WATER	ALL	4" & LARGER	TYPE "L" COPPER HARD	CAST SOLDER	95-5 SOLDER	150 PSI WATER
	ALL	3" & SMALLER	TYPE "L" COPPER HARD	WROT SOLDER	95-5 SOLDER	
DOMESTIC HOT WATER &	ABOVE GROUND	ALL	TYPE "L" COPPER HARD	WROT SOLDER	95-5 SOLDER	2
OMESTIC HOT WATER RETURN						
NATURAL FUEL GAS	ALL	2-1/2" & LARGER	STD. WT. BLACK STEEL	FORGED SEAMLESS WELD	WELDED	PER CODE
	ALL	2" & SMALLER	STD. WT. BLACK STEEL	150 LB. BLACK MALLEABLE	SCREWED	PER CODE

NOTES:

1. 10' HEAD OF WATER COLUMN ABOVE LOWEST NEW CONNECTION WITH NO LOSS OF WATER FOR TWO HOURS.

2. 200 PSI WATER PRESSURE FOR TWO HOURS.

WATER H	IEATER SCHEDULE								
CODE	LOCATION	SERVICE	GAS MBH	TANK	GPH @ 100 F		ELECTRICAL		\ \
			INPUT	CAPACITY	RISE	AMP	VOLT	PH	
WH-1	STORAGE	DHW	150	100 GAL	178	5	120	1	
REMARKS [.]									

REMARKS:

1. 1357 LBS WATER FILLED, 95% THERMAL EFFICIENCY, CONVENTIONAL POWER VENTING (SEE DETAIL 9/P601).

2. PROVIDE CONDENSATE NEUTRALIZATION KIT - P/N 100289339. CONNECT WH-1 TO NEUTRALIZER W/ PVC PIPE.

PUMP SC	PUMP SCHEDULE															
CODE	LOCATION	SERVICE	GPM	FT. HD.	CONN.	PUMP	MIN		MOTOR DAT	A			WT	P/N	MFG.	REMARKS
					SIZE	RPM	% EFF	WATT	RPM	VOLT	PH	HZ	LBS			
CP-1	ADJACENT TO WATER HEATER	DHWR	1.4	3	1/2"	-	-	44	3725	120	1	60	2	006E3	TACO	1., 2.

NOTES:

COMPOSITE MATERIAL. PROVIDE DIELECTRIC CONNECTIONS IF CONNECTED TO DISSIMILAR METAL.

2. SECURE WITH STEEL STRUTS AND CLAMPS.

AUTOMATIC	C GAS SHUT-OFF VALVE SCHEDULE		AUTOMATIC GAS SHUT-OFF VALVE SCHEDULE								
CODE	LOCATION	SERVICE	ELECTRICAL		EQUIPMENT	MFG.	REMARKS				
			VOLT	AMP							
SOV-1	KITCHEN	GRILL			GAS VALVE ASSEMBLY	ISIMET	1.				
FLA-1	KITCHEN (NEXT TO OVEN/RANGE)	GRILLE SOV	120	5	FLAV2	ISIMET	1.				
OGC-1	NEXT TO GRILL CONNECTION	GRILL SOV			OUTDOOR GRILL CONTROLLER	ISIMET	1.				

NOTES:

1.

CONNECT SYSTEM PER MANUFACTURER'S INSTRUCTIONS. CONNECT SYSTEM TO FIRE ALARM SYSTEM.

SYSTEM	FLUID			PIPE SIZE			INSULATION	COVER ON	FITTING	FITTING
TYPE	TEMP RANGE	<1"	1 1/4"- 2"	2 1/2"- 4"	5"-6"	6>	TYPE	JACKET	INSULATION	JACKET
	(°F)		INSU	JLATION THICKN	ESS			TYPE	TYPE	TYPE
HEATING HOT WATER DOMESTIC	105-140	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1	1	2	4
DOMESTIC COLD WATER	N/A	1/2"	1/2"	1/2"	1"	1"	1 OR 6	1	2 OR 6	4
REFRIGERANT SUCTION	N/A			1/2"		-	3	5	3	3
EXTERNAL DUCT WRAP	N/A			1 1/2"			2	N/A	N/A	N/A

1. GLASS FIBER WITH PREFORMED PIPE INSULATION WITH STANDARD JACKET.

2. GLASS FIBER BLANKET INSULATION WITH VAPOR BARRIER R4.2 MIN.

3. FLEXIBLE ELASTROMETRIC CELLULAR INSULATION (I.E "ARMSTRONG ARNAFLEX")

4. CELLULAR GLASS FORMED PIPE INSULATION.

5. ALUMINUM JACKET.

6. POLYETHYLENE POLYPROPYLENE.

WEIGHT HEIGHT PART MFG REMARKS (LBS) (IN) NO. BTH-150(A) 77 AOSMITH 1., 2. 523

	EXPANSI	ON TANK SCHEDULE			
	SYMBOL	DESCRIPTION	CAPACITY (GAL)	MAKE & MODEL	REMARKS
	ET-1	EXPANSION TANK	4.7	AMTROL ST-447-C	1,2
-	NOTE:				

1. DO NOT PUT SHUT-OFF VALVE BETWEEN WATER INLET AND EXPANSION TANK. 2. PROVIDE AND INSTALL UNION ON INLET TO ET-1.

SAND C	DIL INTERCEPTOR S	CHEDUL	E								
CODE	LOCATION	FLOW RATE	DIMENSION	EL	ECTRIC	AL	WT	P/N	MFG.	REMARKS	
		GPM		VOLT	PH	HZ	LBS				
SOI-1	ASSEMBLY BAY APRON	100	68"L x 33"W x 52"H	120	1	60	230	OS-100-SS	STRIEM	1.	
NOTES:	NOTES:										

1. PROVIDE W/ TRAFFIC RATED ACCESS PANEL COVER.

/ RATE RESTRICTOR, OPTIONAL EF-100 WAND,
CTION AND TS100GR 30" SLIDE BAR.
SHOWER ENTRANCE, SEE ARCH.
/ RATE RESTRICTOR, OPTIONAL EF-100 WAND.
CTION AND TS100GR 30" SLIDE BAR. PROVIDE CHROME DRAIN.
RT.
RT.
AND SUPPLY TUBING FOR COFFEE MAKER.
E DISPOSAL.
3CP FOOT OPERATED REMOTE VALVE.
JTLET.
HITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP.

1. ON BRANCH LINES 10' LONG & CONN. DIRECTLY TO FIXTURE OR TERMINAL UNIT USE 1/2" INSULATION. 2. DOMESTIC COLD WATER SHALL NOT BE INSULATED IF AMBIENT TEMPERATURE IS BELOW DEW POINT. 3. FOR DOMESTIC HOT WATER 105°F-140°F, AND CHILLED WATER PIPING ON CONDITIONED SPACE 3" AND SMALLER AND IN A SPACE, USE TYPE 3 INSULATION.

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P002

 \bigcirc

STATE OF CALIFORNIA Domestic Water Heating System NRCC-PLB-E CERTIFICATE OF COMPLIANCE

This document is used to demonstrate compliance for no additions and alterations, for domestic water heating sco requirements in <u>§110.1, §110.3, §120.3, §150.0</u> and <u>§15</u> Project Name: Project Address: A. GENERAL INFORMATION 01 Project Location (city)

03 Occupancy Types Within Project (select all that ap 🛛 High-Rise Resider 🛛 Nonresidential

B. PROJECT SCOPE

State Building

heating systems are documented on the NRCC-MCH compliance document. 01

My project consists of (check all that ap New system (DHW system being installed for the firs constructed building) System Alteration (equipment, distribution or control

¹FOOTNOTES: Point of use water heaters, or other non-ce ² Dwelling units refers to hotel/motel guest rooms and units in a high-rise residential occupancy.

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

STATE OF CALIFORNIA

Domestic Water Heating System NRCC-PLB-E CERTIFICATE OF COMPLIANCE Project Name: Project Address:

C. COMPLIANCE RESULTS Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with

Exceptional Conditions" refer to Table D. or the table indicated as not compliant for quidance. 01 Domestic Hot Water Equipment Distribution Systems Table F D. EXCEPTIONAL CONDITIONS This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. E. ADDITIONAL REMARKS This table is includes remarks made by the permit applicant to the Authority Having Jurisdiction. F. DOMESTIC HOT WATER EQUIPMENT This section does not apply to this project.

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM This section does not apply to this project.

H. DOMESTIC HOT WATER CONTROLS This section does not apply to this project.

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CALIFORNIA ENERGY COMMISSION

Registration Provider: Energysoft

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CALIFORNIA ENERGY COMMISSION

04

Compliance Results

COMPLIES

NRCC-PLB-E

3/9/2022

(Page 2 of 4)

					NRCC-PLB	,-E
וכ		g the prescriptive path. For high-i	rise re	sidential and hotel/motel c	<u>§140.5</u> , and with requirements in <u>§141.0</u> for ccupancies compliance is demonstrated with	
	Ken	sington Public Safety Building Repor	t Page	ł	(Page 1 of	4)
		217 Arlington Ave. Date F	repar	ed:	3/9/20	22
	Kensi	ngton	02	Climate Zone	3	
P	roject (select all that apply):			lic.		
	High-Rise Residential	Hotel/Motel				
	Healthcare Facility	Other (Write In)				
						_

This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in §140.5, §150.1(c)8, and §141.0(a), or §141.0(b)2N for additions or alterations. Solar water heating systems are documented on the NRCC-SRA compliance document. Combined hydronic water

mpiranee ao camena				
	02		03	
apply):	System Type ^{1,2}	SI	/stem Components	
irst time in newly		🛛 Equipment	Distribution	Controls
trols)		🛛 Equipment	Distribution	Controls
central systems used to s	erve nonresidential spaces, are considered individual s	ystems.		
unite in a high size secide	ntial occupancy			

Registration Date/Time:

Kensington Public Safety Building Report Page:

02

Table G

Yes

217 Arlington Ave. Date Prepared:

Report Version: 2019.1.003

Schema Version: rev 20190401

03

Controls

Table H

STATE OF CALIFORNIA Domestic Water Heating System

roject Name:		Kensington Public Safety Building Report Page:		(Page 3 of
roject Addre		217 Arlington Ave. Date Prepared:		3/9/20
DECLARA	FION OF R	EQUIRED CERTIFICATES OF INSTALLATION		
dditional Re	emarks. The	ade based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be i ese documents must be provided to the building inspector during construction and can be found online at gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/	included in To	able E.
Yes	No	Form/Title		spector
		· ·	Pass	Fail
	0	NRCI-PLB-01-E - Must be submitted for all buildings		
\bigcirc	۲	NRCI-PLB-02-E - Must be submitted for high-rise residential and hotel/motel central hot water distribution systems to be recognized for compliance.		
\circ	۲	NRCI-PLB-03-E - Must be submitted for high-rise residential and hotel/motel single dwelling unit hot water distribution systems to be recognized for compliance.		
DECLARAT	ION OF RE	EQUIRED CERTIFICATES OF ACCEPTANCE		
	1522 5 3 4 4 5	s of Acceptance applicable to service water heating requirements.		
electron datas ande:	.			

Additional R	emarks. Thes	de based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be we documents must be completed by a HERS Rater and provided to the building inspector during construction. The final documents mu afts can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Docume	st be created		
Yes	No	Form/Title		Field Inspector	
105		Torriy Hae	Pass	Fail	
0	۲	NRCV-PLB-21-H High-rise Residential Central Hot Water Distribution HERS Verification			
		NRCV-PLB-22-H High-rise Residential Individual Dwelling Unit Hot Water Distribution HERS Verification			

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

STATE OF CALIFORNIA

Domestic Water Heating Syst	em		CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE			NRCC-PLB-
Project Name:	Kensington Public Safety Building	Report Page:	(Page 4 of 4
Project Address:	217 Arlington Ave.	Date Prepared:	3/9/2022
DOCUMENTATION AUTHOR'S DECLAR			
I certify that this Certificate of Comp	liance documentation is accurate and comple		
I certify that this Certificate of Comp Documentation Author Name:	liance documentation is accurate and comple	Documentation Author Signature:	
I certify that this Certificate of Comp Documentation Author Name: Company:	liance documentation is accurate and comple	Documentation Author Signature: Signature Date:	
I certify that this Certificate of Comp Documentation Author Name:	liance documentation is accurate and comple	Documentation Author Signature:	
I certify that this Certificate of Comp Documentation Author Name: Company:	liance documentation is accurate and comple	Documentation Author Signature: Signature Date:	ble):

City/State	e/Zip:
RESPO	NSIBLE PERSON'S DECLARATION STATEMENT
l certify t	he following under penalty of perjury, under the laws of the State of California:
1.	The information provided on this Certificate of Compliance is true and correct.
2.	I am eligible under Division 3 of the Business and Professions Code to accept responsibility for
3.	The energy features and performance specifications, materials, components, and manufacture of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4.	The building design features or system design features identified on this Certificate of Complia plans and specifications submitted to the enforcement agency for approval with this building p
5.	l will ensure that a completed signed copy of this Certificate of Compliance shall be made avail inspections. I understand that a completed signed copy of this Certificate of Compliance is requ
Responsi	ble Designer Name: Ron Blue
Company	List Engineering Company

Address: 2 Harris Ct. Suite A7, City/State/Zip: Monterev, Ca 93940

Registration Provider: Energysoft

Report Generated: 2022-03-09 14:15:23

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Report Version: 2019.1.003

Schema Version: rev 20190401

Registration Date/Time:

CALIFORNIA ENERGY COMMISSION

Registration	Date/Time:

Registration Provider: Energysoft

Report Version: 2019.1.003 Schema Version: rev 20190401

Report Generated: 2022-03-09 14:15:23

lity for the building design or system design identified on this Certificate of Compliance (responsible designer) factured devices for the building design or system design identified on this Certificate of Compliance conform to the requirement

ompliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, ilding permit application. le available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable

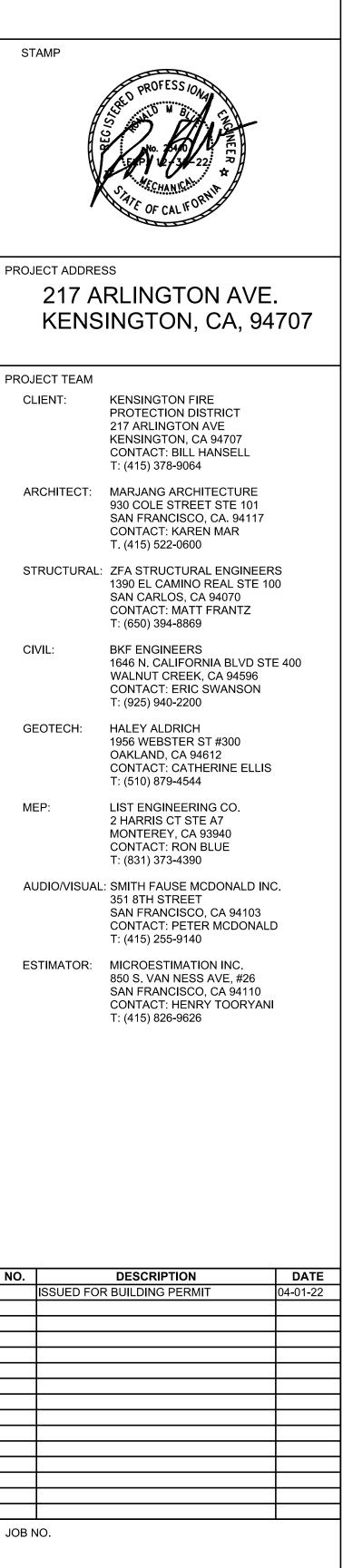
Responsib	e Designer Signature:	1/2 HAN	
Date Signe 2022-03-		pro	
License:	M23440		
Phone:	831-373-4390		

Registration Date/Time:

Report Version: 2019.1.003 Schema Version: rev 20190401



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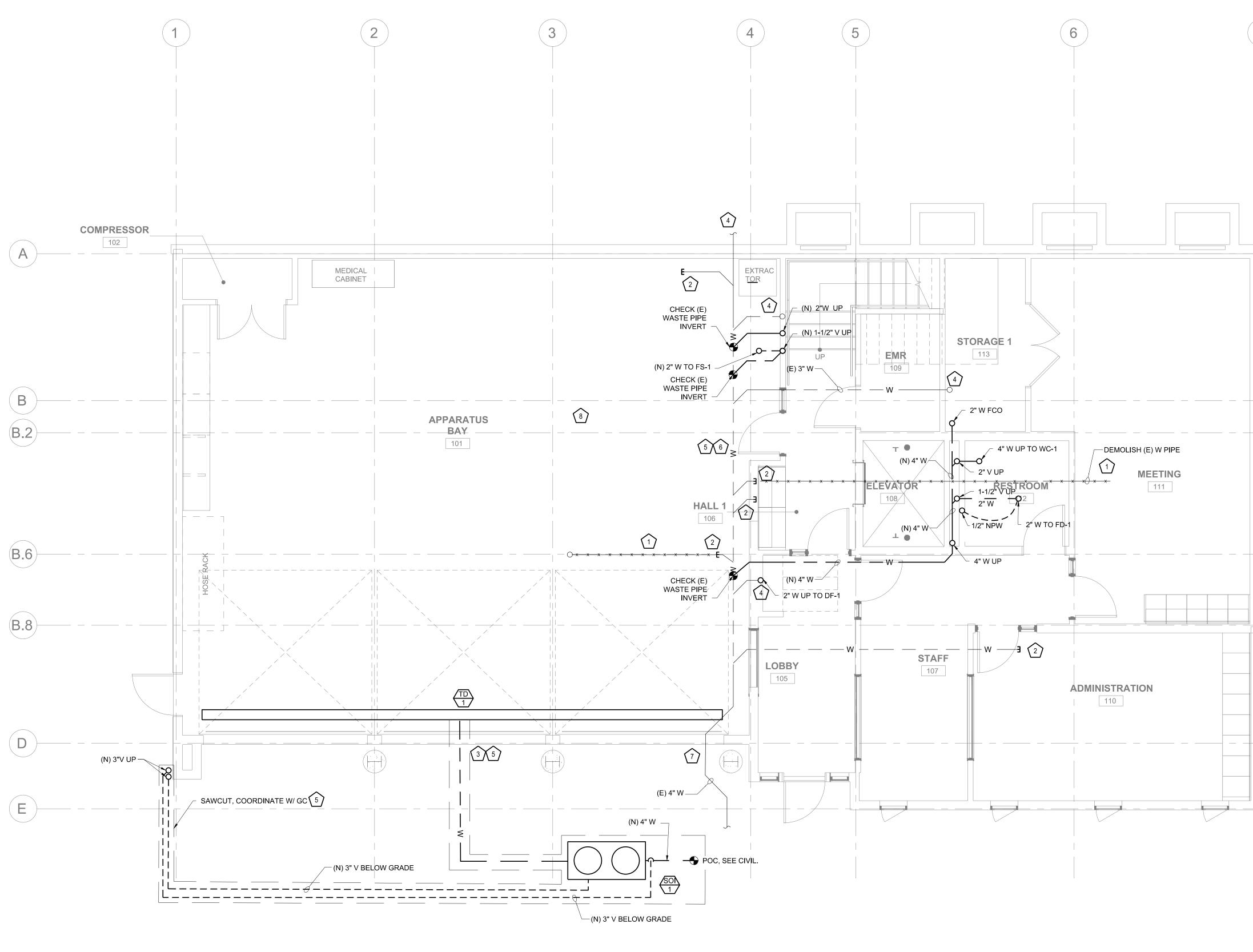
DESCRIPTION TITLE 24 DOCUMENTS





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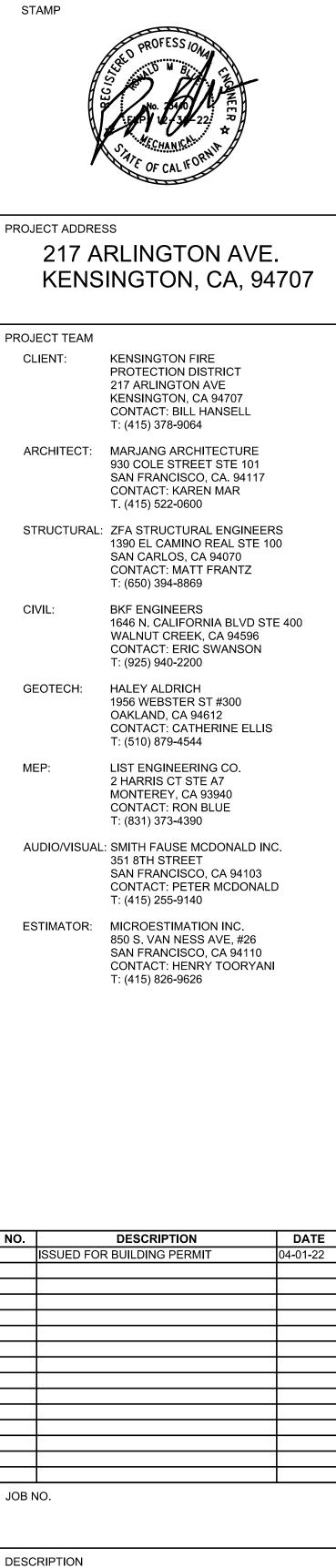
1 UNDERGROUND PLUMBING PLAN P201 SCALE:1/4"=1'-0"

♦ SHEET NOTES

- 1. CONTRACTOR TO VERIFY (E) WASTE BELOW FLOOR PRIOR TO DEMOLITION.
- 2. PROVIDE (N) CAP TO UNUSED PORTION OF PIPE.
- 3. PIPING TO GO UNDER STRUCTURAL FOOTING. SEE STRUCTURAL.
- 4. (E) PIPING TO REMAIN.
- 5. CONTRACTOR TO PROVIDE UNDERGROUND SURVEY OF PIPE ROUTE PRIOR TO SAWCUT AND EXCAVATION. RESTORE PAVEMENT TO MATCH ADJACENT.
- 6. PROTECT (E) PIPING TO REMAIN DURING FOUNDATION UPGRADE.
- 7. VIF (E) WASTE PIPE ROUTING. PROVIDE FCO PER CODE.
- 8. PROTECT (E) STORM WATER DRAINAGE SYSTEM DURING DEMOLITION. VIF LOCATION OF (E) SYSTEM.



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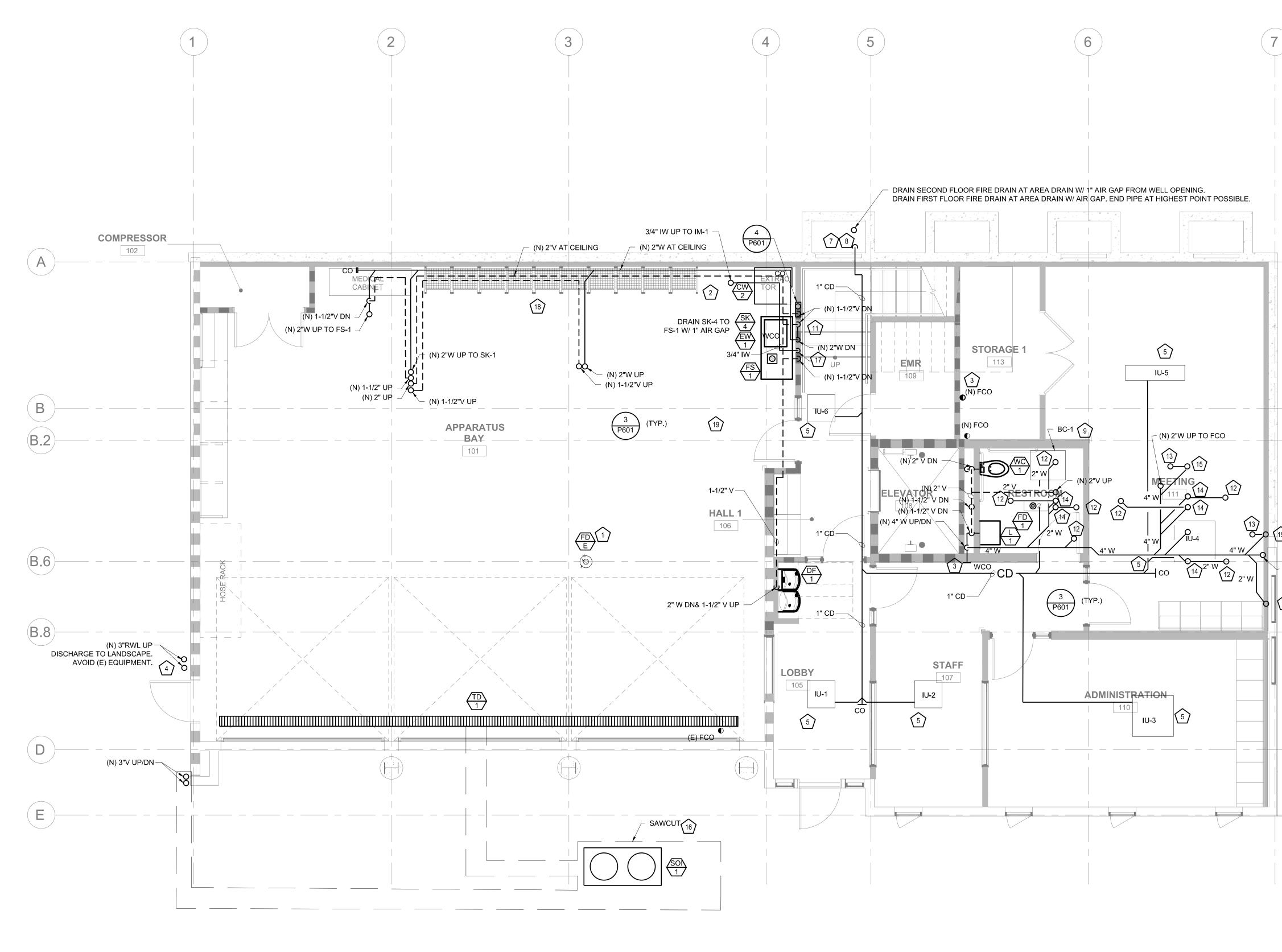


UNDERGROUND PLUMBING PLAN









1 GROUND FLOOR PLAN P202 SCALE:1/4"=1'-0"

0 1 2 4 SCALE: 1/4" = 1'-0"

♦ SHEET NOTES

- 1. REMOVE (E) FD COMPLETE..
- 2. REMOVE (E) FIXTURES AND PIPING COMPLETE ABOVE FLOOR.
- 3. PROVIDE (N) WCO.
- 4. PROVIDE SPLASH BLOCK.
- 5. PROVIDE CONDENSATE DRAIN. CONTRACTOR TO COORDINATE PIPE ROUTING WITH THE ARCHITECT. INSTALL CD PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
- 6. NOT USED.
- 7. TERMINATE 1" CD TO AREA DRAIN AND PROVIDE AIR GAP. END PIPE AT HIGHEST POINT POSSIBLE.
- 8. CLEAN UP WELL. EXAMINE CONDITION OF (E) AREA DRAIN. REFURBISH IF NECESSARY. PROVIDE WATER DETECTION ALARM AT 1' ABOVE AREA DRAIN.
- 9. PROVIDE DRAIN PAN AND CONNECT 3/4" CD TO MAIN AND PROVIDE WATER DETECTION ALARM THAT SHUT-OFF UNIT WHEN ACTIVATED.
- 10. PIPING TO GO UNDER STRUCTURAL FOOTING. SEE STRUCTURAL.
- 11. CONNECT EXTRACTOR STANDPIPE WASTE TO (N) 2"W DN ALONG WALL ABOVE GRADE. AVOID TRENCHING INTO (E) STRUCTURAL FOOTING.
- 12. (N) 2"W UP.
- 13. (N) 4"W UP.
- 14. (N) 1-1/2"V UP.
- 15. (N) 2"V UP.
- 16. CONTRACTOR TO SAWCUT AND REPAIR TO MATCH (E). COORDINATE WITH CIVIL AND ARCHITECT.
- 17. DRAIN 3/4" INDIRECT WASTE TO FS-1 WITH 1" AIR GAP.
- 18. RUN ALL PIPES AT BACK OF ASSEMBLY BAY INSIDE (N) WALL OR INSIDE (E) SOFFIT.
- 19. PROTECT (E) STORM WATER DRAINAGE SYSTEM DURING DEMOLITION. VIF LOCATION OF (E) SYSTEM.





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STAMP



PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA, 94707

۲R	SOI	ECT TEAM		
	CL	IENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
	AR	CHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
	ST	RUCTURAL:	ZFA STRUCTURAL ENGINEER 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
	CI	/IL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400
	GE	OTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	
	ME	P:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
	AL	IDIO/VISUAL:	SMITH FAUSE MCDONALD INC 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140	
	ES	TIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626	
).		DESCRIPTION	DATE
		ISSUED FOR		04-01-22
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JOB NO.

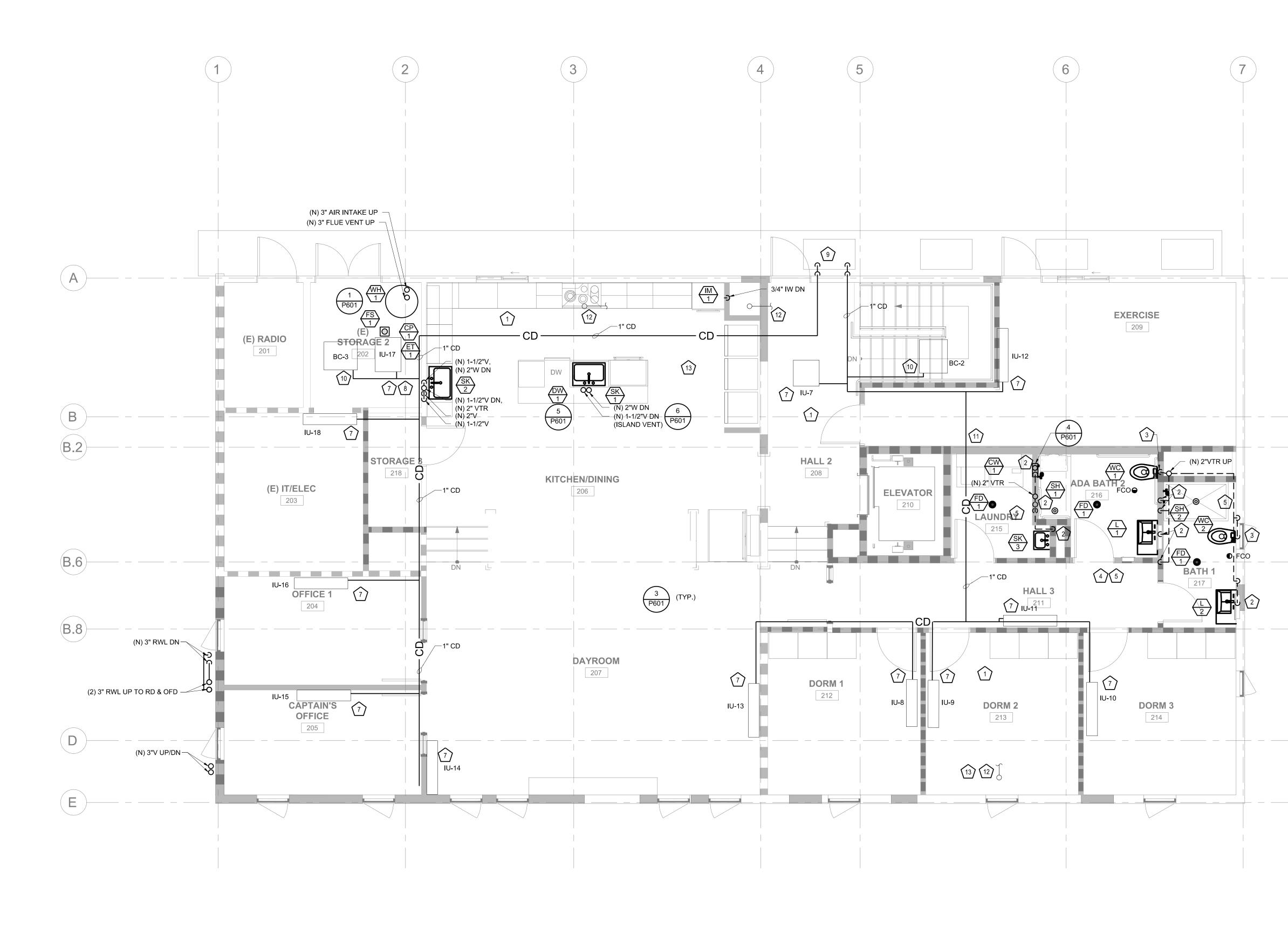
DESCRIPTION

PLUMBING WASTE, RWL & VENT GROUND FLOOR PLAN









1 SECOND FLOOR PLAN P203 SCALE:1/4"=1'-0"

♦ SHEET NOTES

- 1. REMOVE (E) FIXTURES AND PIPING COMPLETE.
- 2. (N) 2"W DN, (N) 1-1/2"V DN.
- 3. (N) 4"W DN, (N) 2"V UP.
- 4. ALL WASTE PIPES SERVING BATH 1, BATH 2 AND LAUNDRY RUN IN RAISED FLOOR SPACE.
- 5. CONNECT VENT PIPING AT CEILING.
- 6. NOT USED.
- 7. PROVIDE CONDENSATE DRAIN. CONTRACTOR TO COORDINATE PIPE ROUTING WITH THE ARCHITECT. INSTALL CD PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
- 8. PROVIDE SECONDARY DRAIN PAN AND WATER DETECTION ALARM THAT SHUT-OFF THE UNIT WHEN ACTIVATED.
- 9. TERMINATE 1" CD TO AREA DRAIN WITH MIN. 1" AIR GAP FROM WELL OPENING.
- 10. PROVIDE DRAIN PAN AND CONNECT 3/4" CD TO MAIN AND PROVIDE WATER DETECTION ALARM THAT SHUT-OFF UNIT WHEN ACTIVATED.
- 11. PENETRATE SHEAR WALL WITHIN THE 12" WIDE PENETRATION WITH REFRIGERANT PIPING.
- 12. VIF LOCATION OF (E) STORMWATER PIPING INSIDE BUILDING. If (E) PIPE PENETRATE SHEAR WALL/ JOIST/ CONFLICTS W/ (N) MECH EQUIPMENT, REROUTE PIPE TO RUN INSIDE NON-SHEAR WALL, AND RECONNECT TO (E) SYSTEM AT LOCATIONS DOWNSTREAM OF ORIGINAL CONNECTION POINT. COOR. W/ STRUCTURAL FOR SHEAR WALL AND JOIST LOCATIONS.
- 13. PROTECT (E) STORM WATER DRAINAGE SYSTEM DURING DEMOLITION. VIF LOCATION OF (E) SYSTEM.



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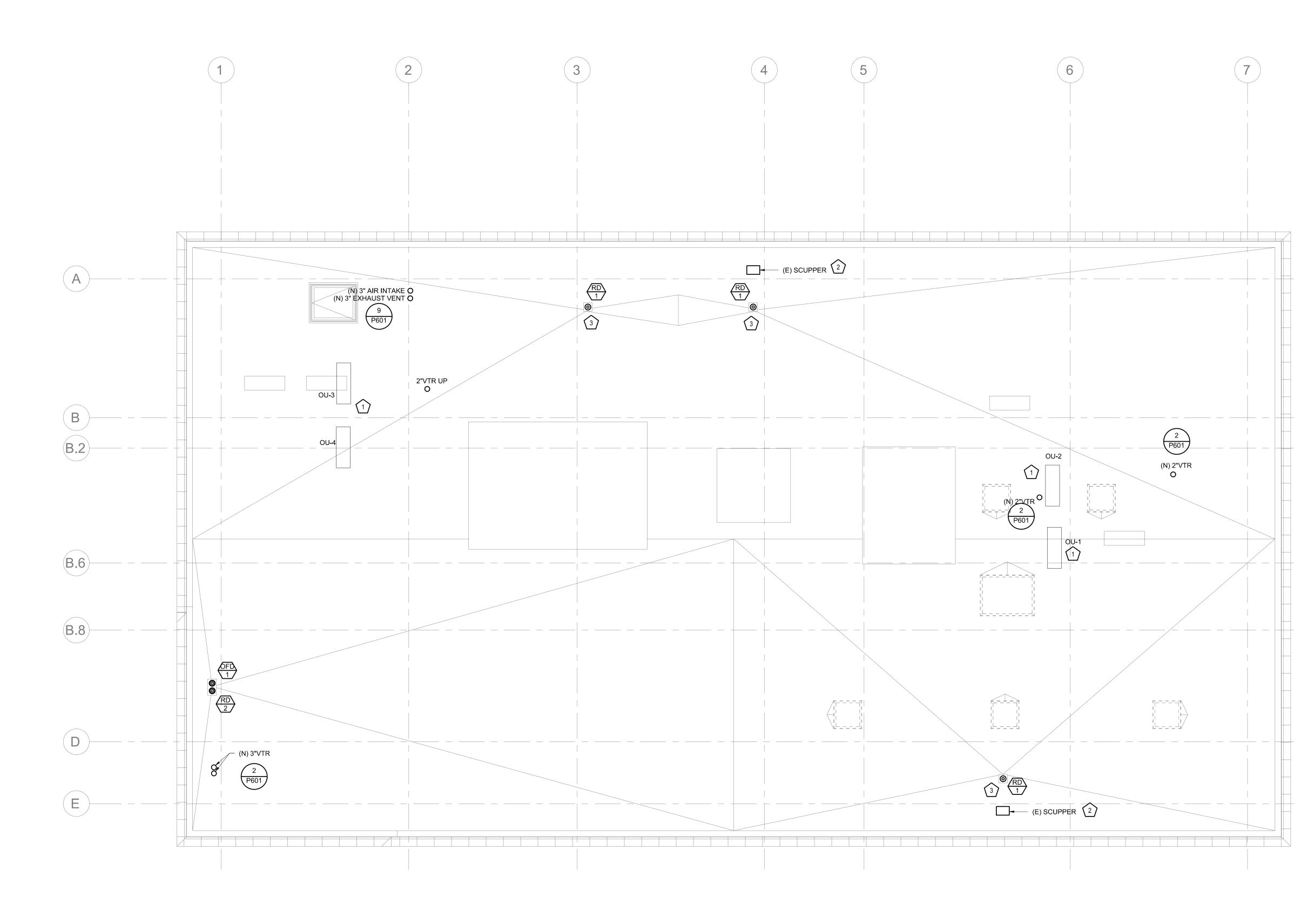
PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA, 94707

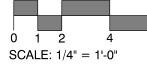
PROJ	ECT TEAM		
CL	IENT:	KENSINGTON FIRE	
		PROTECTION DISTRICT 217 ARLINGTON AVE	
		KENSINGTON, CA 94707	
		CONTACT: BILL HANSELL T: (415) 378-9064	
AF	RCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101	
		SAN FRANCISCO, CA. 94117	
		CONTACT: KAREN MAR T. (415) 522-0600	
			0
51	RUCTURAL:	ZFA STRUCTURAL ENGINEER 1390 EL CAMINO REAL STE 10	
		SAN CARLOS, CA 94070	
		CONTACT: MATT FRANTZ T: (650) 394-8869	
	VIL:	BKF ENGINEERS	
	VIL.	1646 N. CALIFORNIA BLVD STE	E 400
		WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON	
		T: (925) 940-2200	
GF	EOTECH:	HALEY ALDRICH	
		1956 WEBSTER ST #300	
		OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS	
		T: (510) 879-4544	
ME	EP:	LIST ENGINEERING CO.	
		2 HARRIS CT STE A7	
		MONTEREY, CA 93940 CONTACT: RON BLUE	
		T: (831) 373-4390	
AL	JDIO/VISUAL:	SMITH FAUSE MCDONALD INC).
		351 8TH STREET SAN FRANCISCO, CA 94103	
		CONTACT: PETER MCDONALE)
		T: (415) 255-9140	
ES	STIMATOR:	MICROESTIMATION INC.	
		850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110	
		CONTACT: HENRY TOORYANI	
		T: (415) 826-9626	
NO		DECODIDITION	DATE
NO.	ISSUED FOR	DESCRIPTION BUILDING PERMIT	DATE 04-01-22
JOB N	10.		
DESC			
		STE, RWL & VENT	
	COND FLOO		

P203

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♦ SHEET NOTES

- 1. DISCHARGE CONDENSATE ON ROOF AT SAFE LOCATIONS. ROOF SURFACE SLOPED FOR CONDENSATE TO DRAIN TO ROOF DRAINS.
- 2. PROTECT AND PRESERVE (E) SCUPPERS.
- 3. INSTALL (N) RD-1 AT (E) ROOF DRAIN LOCATIONS. VIF EXACT LOCATIONS. RELOCATE ROOF DRAIN SLIGHTLY IF CONFLICTS W/ (N) MECH EQUIPMENT.
- 4. TOTAL ROOF AREA: 3870 SQFT RAINFALL RATE: 1.5 IN/HR
- 3/4 ROOF AREA DRAINS TO RD-1 AND (E) RWL INSIDE BUILDING. 3/4 ROOF AREA: 2903 SQFT (E) ROOF AREA: 3320 SQFT
- 1/4 ROOF AREA DRAINS TO RD-2 AND (N) 3" RWL. 1/4 ROOF AREA: 968 SQFT



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217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 CIVIL: WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 LIST ENGINEERING CO. 2 HARRIS CT STE A7 MEP: MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626

NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	04-01-22

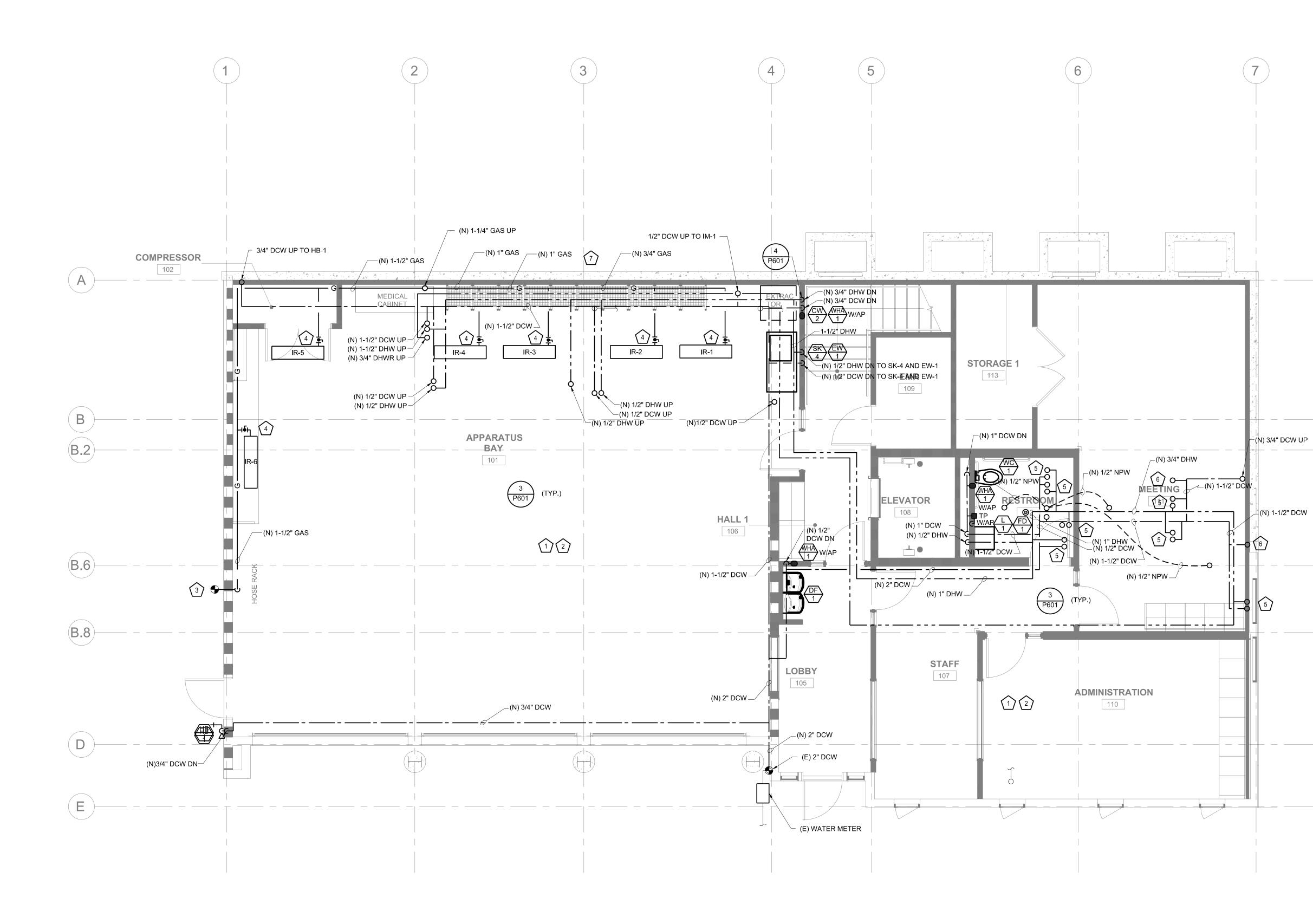
JOB NO.

DESCRIPTION PLUMBING WASTE & VENT ROOF PLAN

R.









0 1 2 SCALE: 1/4" = 1'-0"

♦ SHEET NOTES

- 1. REMOVE (E) FIXTURES AND PIPING COMPLETE ABOVE FLOOR.
- 2. ALL PIPING AT CEILING.
- 3. POC TO (E) GAS METER. PROVIDE (N) 1-1/2" GAS WITH SEISMIC VALVE AND FLEXIBLE CONNECTION. CONTRACTOR TO COORDINATE WITH PG&E.
- CONNECT 1/2" GAS TO IR. PROVIDE SOV, FLEX CONNECTION AND DIRT TRAP.
- 5. (N) 1/2"DCW UP, (N) 1/2"DHW UP
- 6. (N) 1" DCW UP.
- 7. RUN ALL PIPES AT BACK OF ASSEMBLY BAY INSIDE (N) WALL OR INSIDE (E) SOFFIT.



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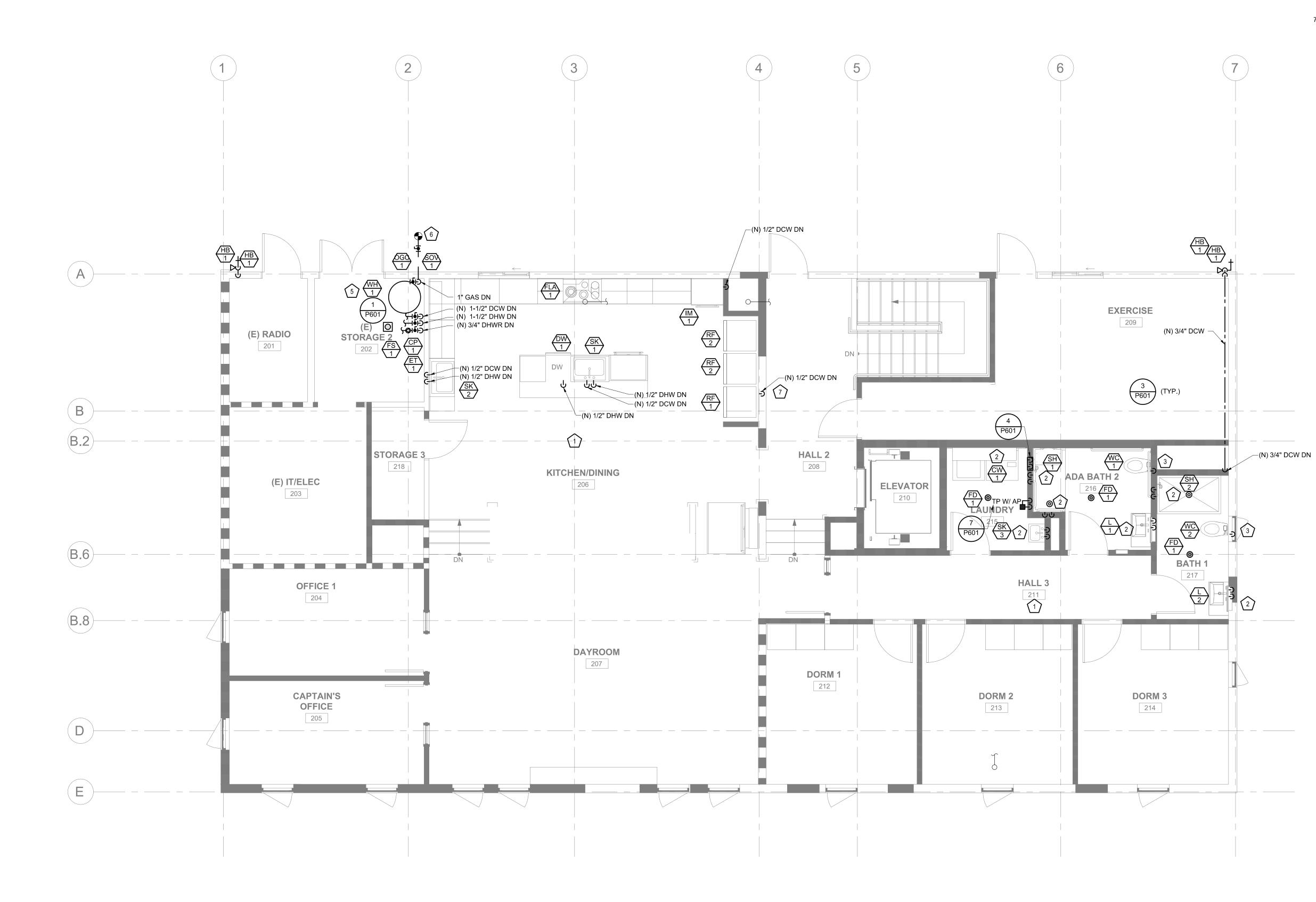
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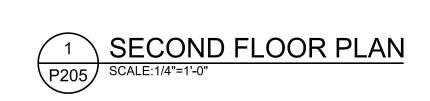
PLUMBING DCW, DHW & GAS GROUND FLOOR PLAN

	A.
	AND.
	<i>İ</i> III
N.	









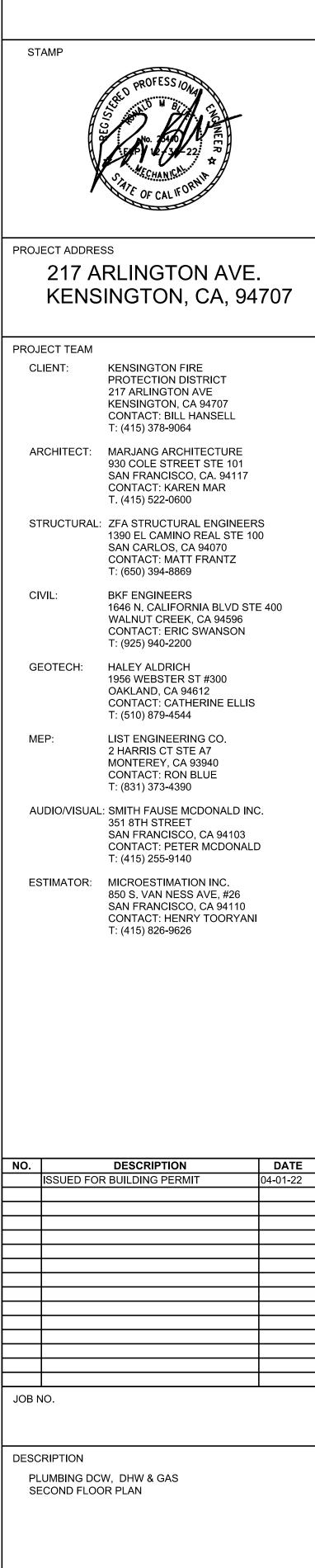
0 1 2 SCALE: 1/4" = 1'-0"

♦ SHEET NOTES

- 1. REMOVE (E) FIXTURES AND PIPING COMPLETE.
- 2. (N) 1/2"DCW DN, (N) 1/2"DHW DN
- 3. (N) 1" DCW DN
- 4. NOT USED.
- 5. PROVIDE 3/4" GAS TO WH-1 WITH SOV, FLEX CONNECTION, AND DIRT TRAP.
- 6. POC TO (E) GRILL OUTDOOR. PROVIDE AUTOMATIC SOV. SEE SCHEDULE.
- 7. PROVIDE DCW CONNECTION TO EACH RF-1 AND RF-2.



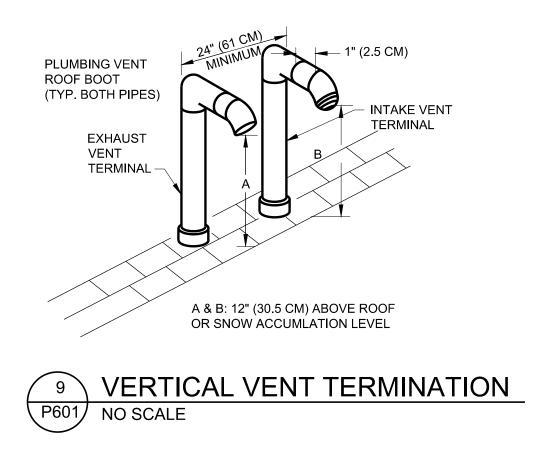
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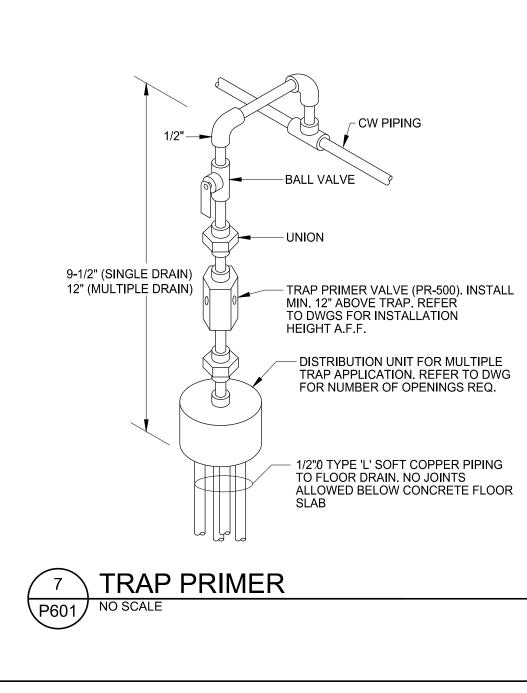


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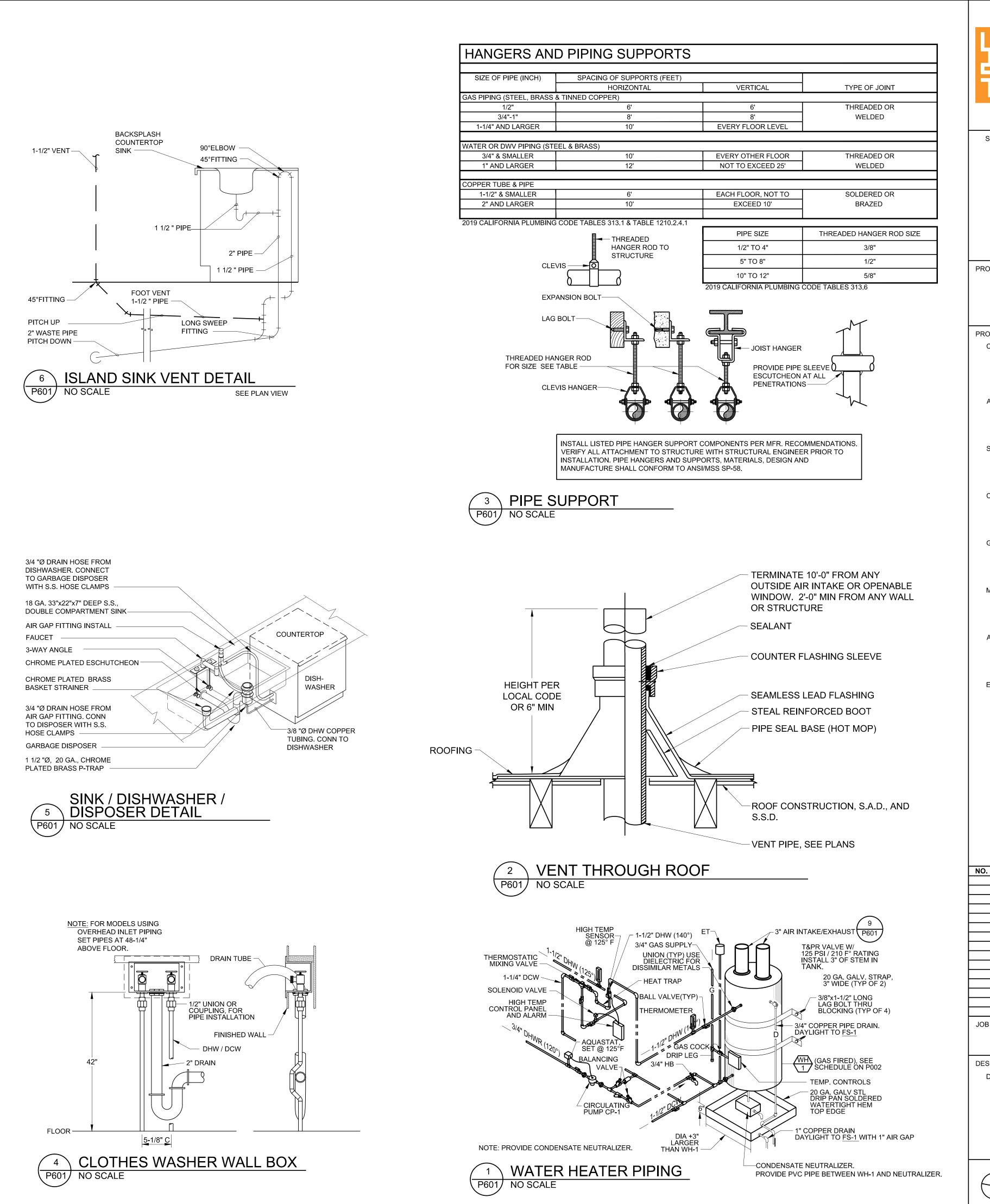


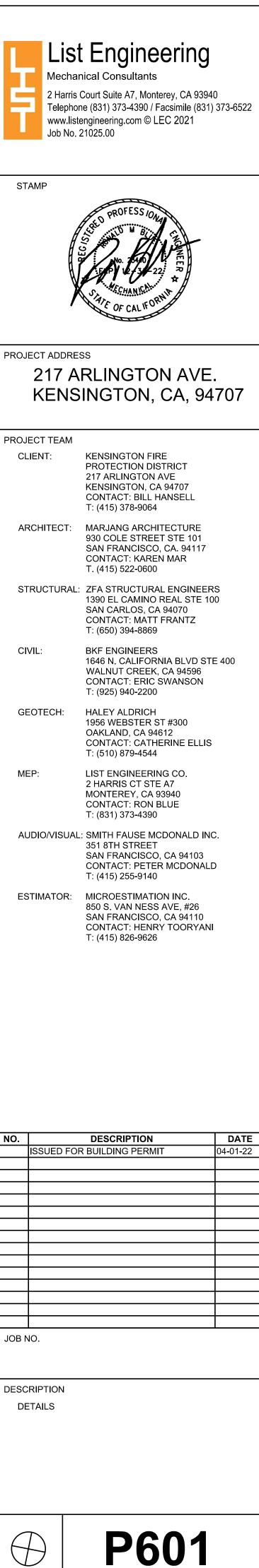


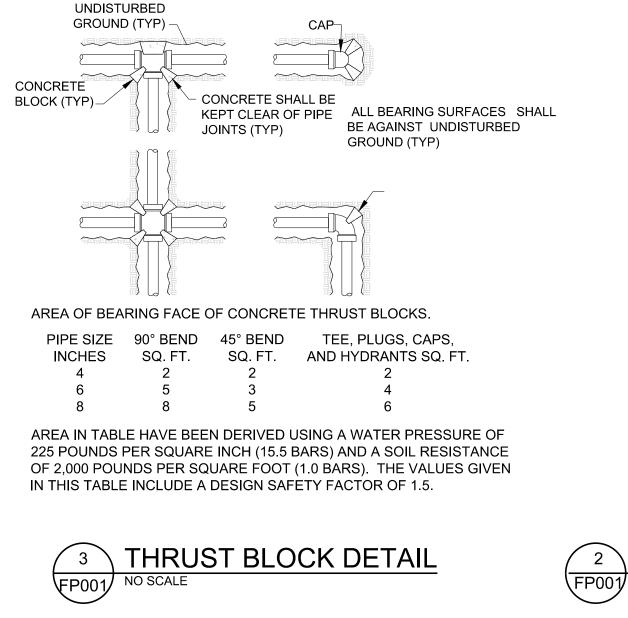
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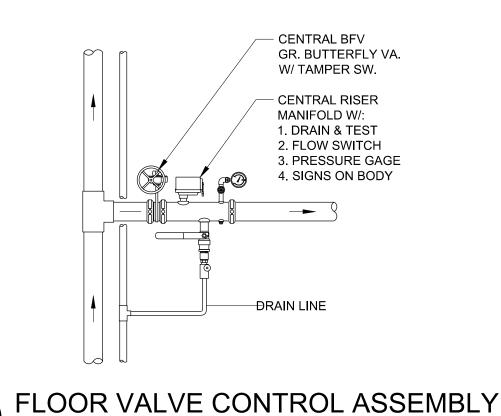
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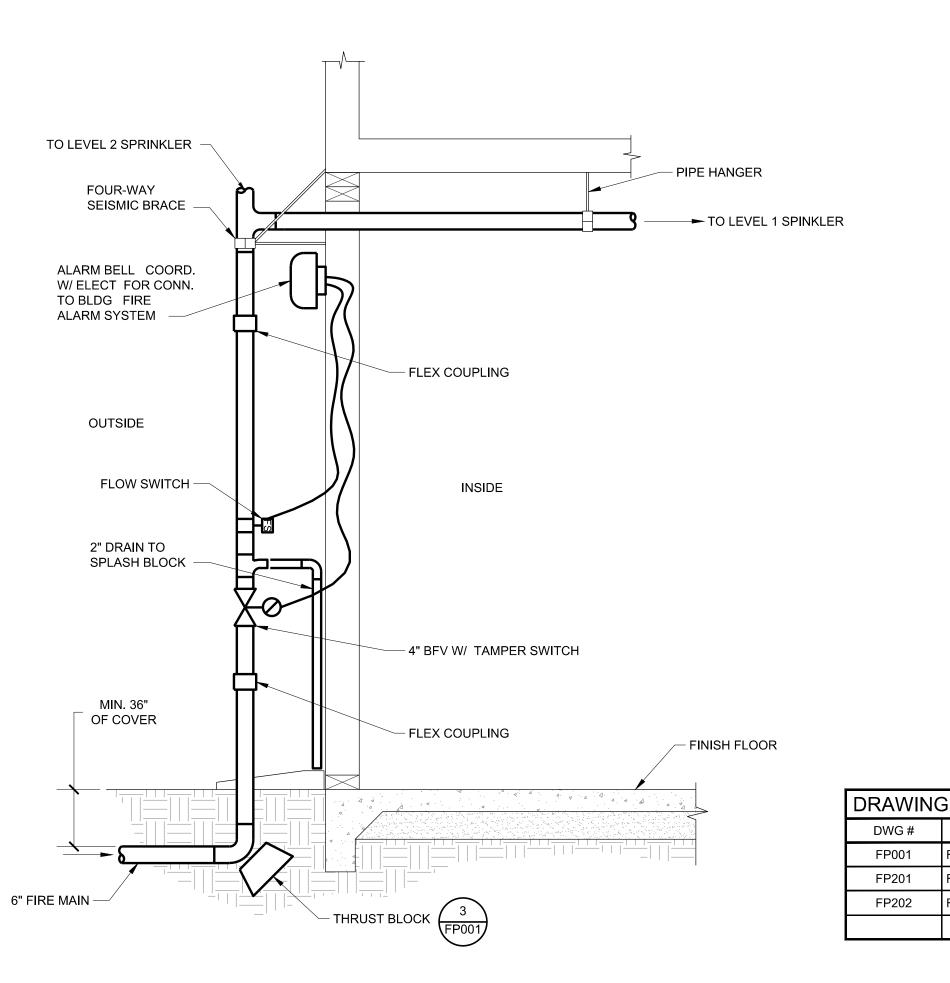






(FP001) NO SCALE

FIRE SPRINKLER RISER DETAIL 1 FP001 NO SCALE



SYMBOLS & ABBREVIATIONS (FIRE PROTECTION)				
* * * • • • • × • • • • × • • • • • • •	ALARM BELLATBUTTERFLY VALVECHECK VALVEDETECTOR CHECK VALVEDRAIN PIPEFIRE HYDRANT (2 HOSE OUTLET)FIRE HYDRANT (2 HOSE OUTLET)AND PUMPER CONNECTION(E) FIRE SPRINKLER PIPING(N) FIRE SPRINKLER PIPING - UNDERGROUND (UG)FIRE SPRINKLER RISERFLOW DETECTOR SWITCHTWO WAY SEISMIC RESTRAINTGATE VALVEMAIN TAPO S AND Y VALVEPOST INDICATING VALVECONNECTION (FREE STANDING) SIAMESE FIRE DEPARTMENTSPRINKLER HEAD: FLUSHSPRINKLER HEAD: SIDEWALLSPRINKLER HEAD: SIDEWALLSPRINKLER HEAD: UPRIGHTVALVE WITH TAMPER DETECTOR/SWITCHWATER TOWER/TANK ABOVE- GROUND HORIZONTALWATER TOWER/TANK ABOVE- GROUND HORIZONTALWATER TOWER/TANK ABOVE- GROUND VERTICALWATER TOWER/TANK ABOVE- GROUND VE	AC AFF AFG BFV CI CLG CONC. CV DCV DN DSP (E) EC EQB FDC FH FS FSC GPM HV MJ (N) NFPA NIC NTS PIV OS&Y PSI PVC REQ'D SHT. MTL. SQ. FT. ST TYP W/ WSP	ASBESTOS CEMENT ABOVE FINISH FLOOR ABOVE FINISH GRADE BUTTERFLY VALVE CAST IRON CEILING CONCRETE CHECK VALVE DETECTOR CHECK VALVE DOWN DRY STANDPIPE EXISTING ELECTRICAL CONTRACTOR EARTHQUAKE BRACE FIRE DEPARTMENT CONNECTION FIRE HYDRANT FIRE SPRINKLER FIRE SPRINKLER GALLONS PER MINUTE HOSE VALVE MECHANICAL JOINT NEW NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NOT TO SCALE POST INDICATION VALVE OUTSIDE SCREW AND YOKE POUNDS PER SQUARE INCH POLYVINYL CHLORIDE REQUIRED SHEET METAL SQUARE FEET STEEL TYPICAL WITH WET STANDPIPE	

GENERAL FIRE PROTECTION NOTES

1. ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA MECHANICAL PLUMBING, BUILDING AND FIRE CODES, NATIONAL FIRE PROTECTION CODES, AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24.

2. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS AND LOCATIONS OF CONCEALED SPACES, AND OTHER ARCHITECTURAL FEATURES THAT REQUIRE FIRE SPRINKLERS AS PER NFPA #13.

3. REFER TO ELECTRICAL DRAWINGS FOR TYPE AND LOCATION OF LIGHT FIXTURES.

4. REFER TO THE MECHANICAL DRAWINGS FOR DUCTWORK AND GRILLE LOCATIONS.

5. REFER TO STRUCTURAL DRAWING FOR LOCATIONS OF BEAMS, SHEAR WALLS AND MEMBERS. ALL DRILLING OF STRUCTURAL BEAMS AND MEMBERS TO BE COORDINATED WITH THE STRUCTURAL ENGINEER. ALL HOLES SHALL BE MINIMUM SIZE AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO DRILLING.

6. PROVIDE HIGH TEMPERATURE HEADS AS REQUIRED BY NFPA #13 AT OR NEAR HEATING EQUIPMENT (I.E., BOILER AND FURNACES, FLUES IN MECHANICAL ROOMS, SKYLIGHTS, ETC.).

7. EXPOSED PIPING ALLOWED ONLY IN PARKING GARAGE.

8. SPRINKLERS EXPOSED TO WEATHER SHALL BE OF THE WAX COATED OR CORROSION RESISTANT TYPE.

9. ESCUTCHEONS IN FINISHED AREAS.

10. DESIGN AND INSTALLATION SHALL CONFORM WITH NFPA PAMPHLETS.

11. ALL MATERIALS AND DEVICES TO BE UL LISTED.

12. SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CATALOG DATA FOR ALL UL AND FM APPROVED COMPONENTS AND DEVICES TO THE CITY OF KENSINGTON FIRE MARSHAL'S OFFICE FOR APPROVAL AND OBTAIN PERMITS PRIOR TO INSTALLATION.

13. SPRINKLER CONTRACTOR SHALL SUBMIT SPRINKLER HEAD LAYOUT ON ARCHITECTURAL REFLECTED CEILING PLANS FOR ARCHITECTURAL APPROVAL PRIOR TO ANY PIPING DESIGN AND/OR CALCULATIONS.

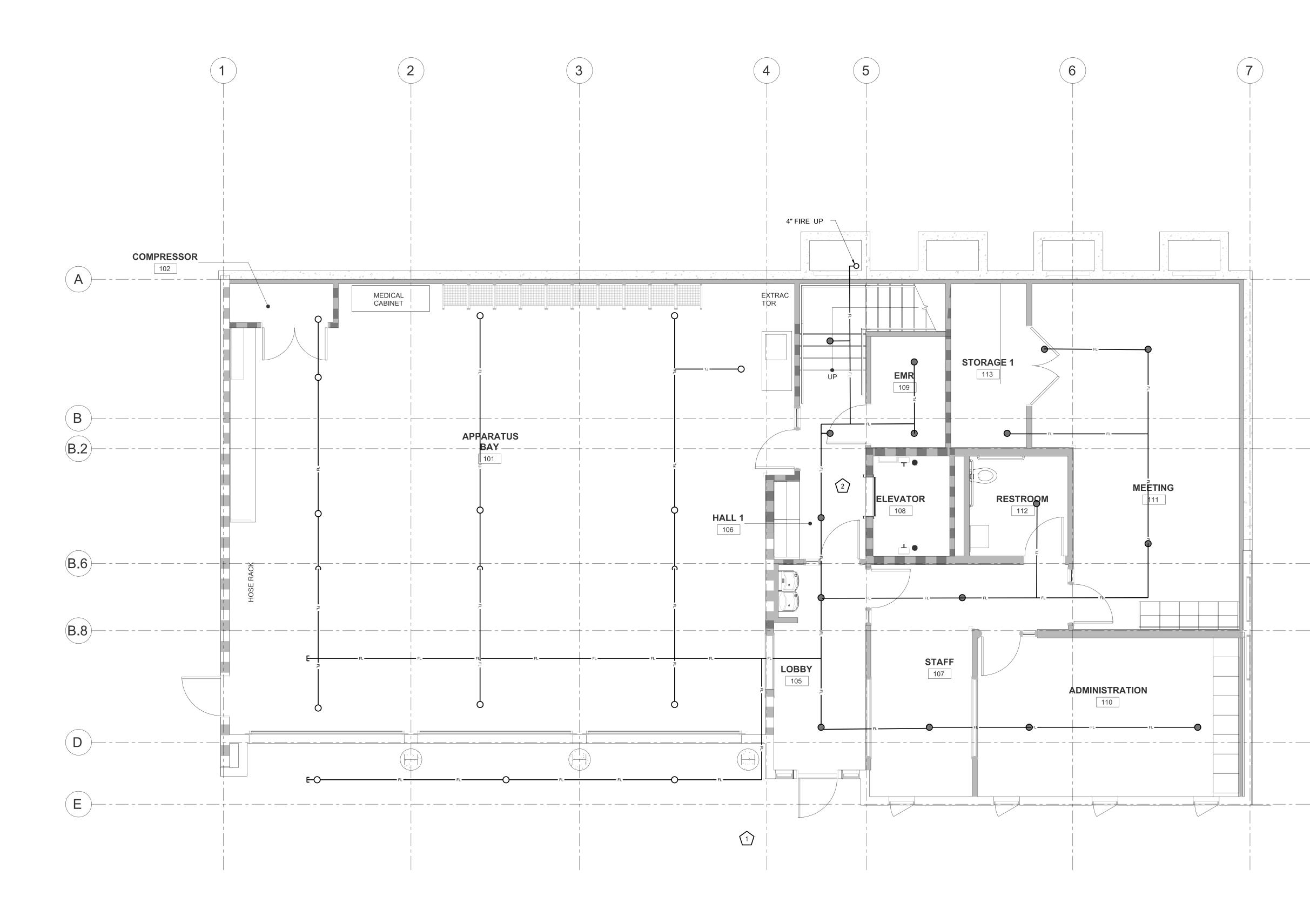
- 14. NFPA CLASSIFICATION:
 - PARKING GARAGE/ MACHINE SHOP: ORDINARY HAZARD, GROUP ONE.
 - DORM/OFFICE: LIGHT HAZARD
- 15. FIRE HYDRANT FLOW TEST DATA:
 - DATE: 10/21/2021
 - HYDRANT: 6CM56

LOCATION: EAST SIDE OF ARLINGTON AVENUE, 385 FT SOUTH OF OBERLIN AVENUE

- STATIC PRESSURE: 123 PSI
- RESIDUAL PRESSURE: 99 PSI
- FLOW: 1500 GPM
- PREDICTED FLOW AT 20 PSI: XXXX GPM

INDEX
DRAWING DESCRIPTION
FIRE PROTECTION - TITLE SHEET
FIRE PROTECTION - GROUND FLOOR PLAN
FIRE PROTECTION - SECOND FLOOR PLAN

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	^{ss} RLINGTON AVE INGTON, CA, 94			
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064			
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600			
STRUCTURAL:	ZFA STRUCTURAL ENGINEEF 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869			
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400		
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544			
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NO.	DESCRIPTION	DATE		
ISSUED FOF	R BUILDING PERMIT	04-01-22		
JOB NO.		·		
DESCRIPTION FIRE PROTECTION TITLE SHEET				
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1 GROUND FLOOR PLAN FP201 SCALE:1/4"=1'-0"

0 1 2 4 SCALE: 1/4" = 1'-0"

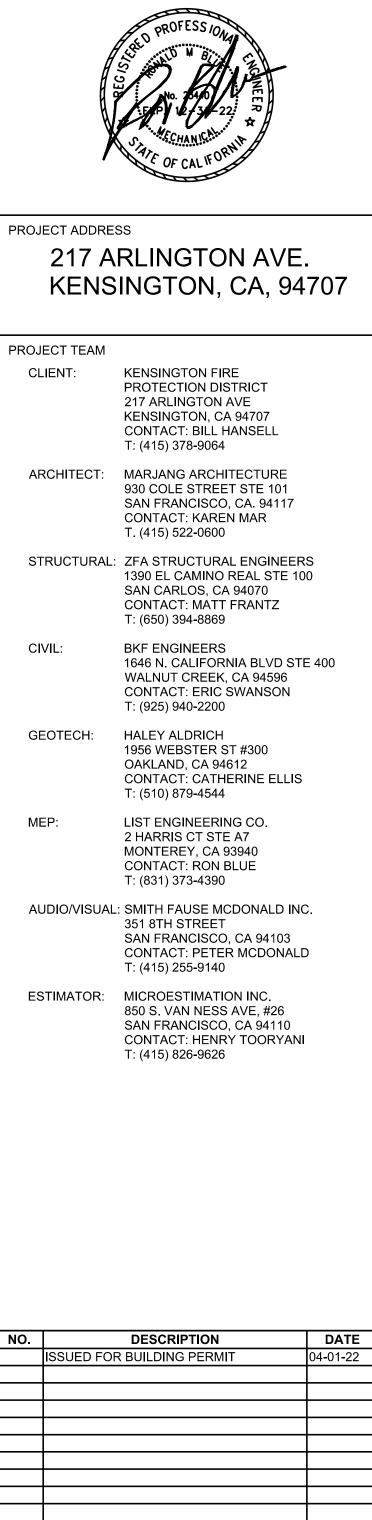
♦ SHEET NOTES

- 1. COORDINATE LOCATION OF THE BACKFLOW, FDC AND PIV WITH CIVIL.
- 2. PROVIDE FIRE SPRINKLERS IN CEILING SPACE.



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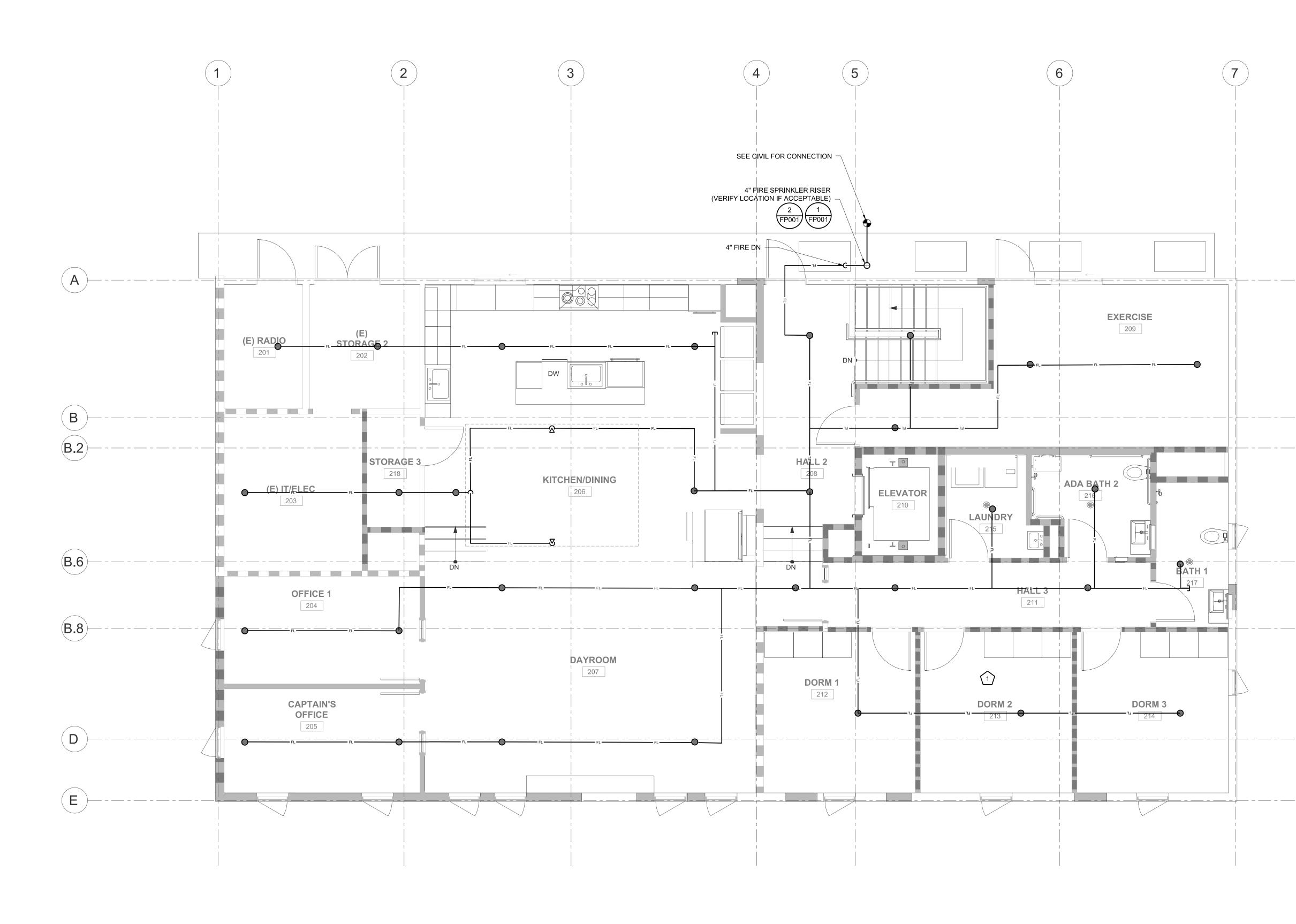


JOB NO.

DESCRIPTION FIRE PROTECTION GROUND FLOOR PLAN

FP201







0 1 2 SCALE: 1/4" = 1'-0"



1. PROVIDE FIRE SPRINKLERS IN FLOOR CAVITY AND CEILING SPACE.



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T: (831) 373-4390

MEP:

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140

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NO.	DESCRIPTION	DATE
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DESCRIPTION FIRE PROTECTION SECOND FLOOR PLAN





	PROJECT GENERAL NOTES
<u>#</u>	Note
1	EXISTING CONDITIONS THE EXISTING CONDITIONS INDICATED IN THIS DRAWING SET WERE DEVELOPED FROM VARIOUS SOURCES WHICH WERE NOT ALL FIELD VERIFIED AND NOT ALL CONDITIONS ARE SHOWN. LOCATIONS, ROUTING, ELEVATIONS, SIZES, ETC. ARE SHOWN SCHEMATICALLY. CONTRACTOR
2	LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY SPACE CONDITIONS.
3	FINAL LOCATIONS SHALL BE ADJUSTED TO MEET FIELD CONDITIONS THE CONTRACTOR SHALL VISIT THE JOBSITE AND VERIFY ALL EXISTING CONDITIONS BEFORE CONSTRUCTION AND SHALL INCLUDE IN THE BID THE NECESSARY COSTS TO CONSTRUCT THIS PROJECT IN ACCORDANCE WITH THE ELECTRICAL DRAWINGS, SPECIFICATIONS AND ALL
	APPLICABLE CODES.
**	DEMO & GENERAL CONDITIONS
4	CLEAN AND FREE OF TRASH OR DEBRIS RESULTING FROM THEIR WORK.
5	CONTRACTOR SHALL DISCONNECT AND REMOVE ALL DEMOLISHED DEVICES AND FIXTURES AS SHOWN ON DEMOLITION PLAN. TURN OVER TO OWNER EXISTING DEVICES AND FIXTURES THAT ARE NOT REUSED. PROPERLY DISCARD IF THE OWNER DOES NOT WANT.
6	RECONNECT EXISTING DEVICES WHOSE CIRCUITS HAVE BEEN INTERRUPTED BY DEMOLITION BY PROVIDING NEW CONNECTIONS TO ANOTHER EXISTING DEVICE OR PANEL. VERIFY CIRCUIT LOADING ON EXISTING CIRCUIT.
7	WHEN A DEVICE IS REMOVED FROM AN EXISTING WALL WHICH WILL REMAIN, PATCH WALL TO MATCH EXISTING OR NEW FINISH.
8 9	MOUNTING HEIGHTS SHOWN ARE FROM FINISHED FLOOR TO THE CENTERLINE OF DEVICES, COORDINATE WITH ARCHITECTURAL DRAWINGS. CLEAN EXISTING LIGHTING FIXTURES WITHIN THE PROJECT AREA AS PART OF THIS PROJECT.
5	INCLUDE NEW LAMPS WHERE COLOR INCONSISTENCIES EXIST, OR WHERE LAMPS ARE BURNED OUT/NOT INSTALLED.
	SITE & SITE LIGHTING
0	THERE SHALL BE A MINIMUM OF 24" OF COVER OVER UNDERGROUND CONDUITS, UON. INCLUDE A MINIMUM 12" SEPARATION BETWEEN ALL LOW VOLTAGE AND LINE VOLTAGE RACEWAYS. INSTALL A WARNING/MARKER TAPE 12 INCHES OVER THE CONDUIT.
1	LIGHTING, UON.
	MINIMUM SIZE CONDUIT USED ON THE SITE SHALL BE 1.0"C, WITH MINIMUM #10 CONDUCTORS, UON. CONTRACTOR SHALL SIZE ALL INDOOR AND EXTERIOR JUNCTION/PULLBOXES PER THE MINIMUM CODE REQUIREMENTS OF CEC ARTICLE 314, WHEN NOT INDICATED ON THE PLANS.
**	EQUIPMENT, CONDUIT, WIRE, BOXES & DEVICES PROVIDE INDIVIDUAL GFCI RECEPTACLES AT EACH LOCATION SHOWN, DO NOT USE FEED-THRU GFCI
5	TYPE RECEPTACLES. LOCATE RECEPTACLE AT END OF A BRANCH CIRCUIT WIRE WHERE RECEPTACLES ARE LOCATED OUTSIDE OR IN WET/DAMP LOCATIONS PROVIDE WEATHER RESISTANT TYPE, UON.
	CONDUIT SIZE SHALL BE 0.75 MINIMUM, U.O.N.
	ALL CONDUCTORS ON THIS PROJECT SHALL BE COPPER. FEEDER AND BRANCH CIRCUIT HOMERUNS SHALL BE INSTALLED IN CONDUIT. MC TYPE CABLE
9	SHALL NOT BE USED FOR ANY HOMERUNS ON THIS PROJECT. INSTALL AND CONNECT A CODE SIZED INSULATED OR BARE COPPER GROUNDING CONDUCTOR IN
0	ALL BRANCH CIRCUITS AND FEEDERS. ALL DEVICES SHALL HAVE TYPE ON TAPE LABELS INDICATING THE PANELBOARD AND CIRCUIT
	SERVING EACH DEVICE, TYPICAL OF ALL DEVICES INCLUDED ON THIS PROJECT. PROVIDE INSULATING BUSHINGS OR INSULATED THROAT ON THE ENDS OF ALL EMPTY CONDUIT
2	SLEEVES AND INSTALL A POLYETHYLENE PULLING ROPE. WHERE CIRCUITS ARE SHOWN ON THE DRAWINGS WITH HOMERUNS THAT SHARE NEUTRAL
3	
24	FROM ALL LINE VOLTAGE RACEWAY.
25	
6	
**	FIRE ALARM & FIRE RATED ITEMS ALL CIRCUIT BREAKERS SERVING THE FIRE ALARM CONTROL PANEL AND FIRE ALARM SYSTEM
	COMPONENTS SHALL HAVE LOCKABLE HANDLES, AND PAINTED RED FOR EASY IDENTIFICATION. ALL CONDUIT, OUTLET BOXES, AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS OR
	FLOOR ASSEMBLIES SHALL BE A UL LISTED ASSEMBLY THAT PROTECTS THE RATED ASSEMBLY. INCLUDE FIRE RATED DEVICE BOX ASSEMBLIES WHEN REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL RATED WALLS AND FLOORS AS APPLICABLE.
9	PROVIDE A REMOTE TEST/RESET STATION FOR EACH SMOKE DUCT DETECTOR NOT ACCESSIBLE FROM THE ROOF OR CEILING SPACE. LOCATE STATION ON THE WALLS OR LOW CEILING BELOW THE DUCT DETECTOR AND LABEL WITH THE HVAC UNITS IDENTIFICATION NUMBER. INCLUDE AN ADDRESSABLE FA CONTROL MODULE FOR MONITORING.
**	CODE REQUIREMENTS & ELECTRICAL CLEARANCES
-	ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE CALIFORNIA ELECTRICAL CODE (CEC).
1	CONTRACTOR IS RESPONSIBLE TO SUBMIT REVISED LAYOUT OF EQUIPMENT IN ELECTRICAL SPACES FOR WRITTEN APPROVAL BY ENGINEER IF PROPOSED INSTALLATION LAYOUT DIFFERS FROM CONSTRUCTION DOCUMENTS. SUBMISSION MUST BE APPROVED PRIOR TO RELEASE OF ORDER FOR EQUIPMENT AND PRIOR TO INSTALLATION.
2	REQUIRED ELECTRICAL EQUIPMENT WORKING SPACE DEPTH SHALL NOT BE LESS THAN THAT INDICATED IN CEC TABLE 110.26. THE WIDTH OF THE WORKING SPACE IN FRONT OF THE ELECTRICAL EQUIPMENT SHALL BE THE WIDTH OF THE EQUIPMENT OR 30", WHICHEVER IS GREATER. THIS REQUIREMENT ALSO APPLIES TO DISCONNECT SWITCHES.
	ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES AND BEAR THEIR LABEL, OR ETL.
34	CONTRACTOR SHALL PROVIDE ARC FLASH LABELS FOR ALL ELECTRICAL EQUIPMENT WITHIN THE SCOPE OF THIS PROJECT. THESE LABELS SHALL BE GENERATED BY THE CONTRACTOR FROM THE POWER SYSTEM STUDY AND SUBMITTED WITH THE POWER SYSTEM STUDY SUBMITTAL FOR ENGINEER REVIEW AND APPROVAL. THIS INCLUDES ALL FIELD MARKING OF KAIC VALUES ON EXISTING OR PER THE CEC.
35	WIRING SPACE IN PANELBOARDS, DISTRIBUTION PANELS AND SWITCHBOARDS SHALL BE DEDICATED TO CONDUCTORS TERMINATED IN THAT ENCLOSURE - DANEL BOARDS, DISTRIBUTION DANELS AND

- TO CONDUCTORS TERMINATED IN THAT ENGLOSURE. PANELBOARDS, DISTRIBUTION PANELS AND SWITCHBOARDS SHALL NOT BE USED AS PULL AND/OR SPLICE BOXES FOR CONDUCTORS THAT TERMINATE IN OTHER ENCLOSURES. DO NOT SPLICE CONDUCTORS IN EQUIPMENT. 36 NEW CIRCUIT BREAKERS INSTALLED IN EXISTING EQUIPMENT SHALL BE PROVIDED TO MATCH THE
- KAIC RATINGS AND THE MANUFACTURER OF THE EXISTING. 37 PROVIDE CLEAR SIGNAGE ON ALL ELECTRICAL EQUIPMENT PER CEC TO INDICATE THE ARC FLASH HAZARD WARNING, AND THE MAXIMUM AVAILABLE FAULT CURRENT. WHEN MODIFICATIONS OCCUR THAT AFFECT THE MAXIMUM FAULT CURRENT THE CONTRACTOR SHALL RECALCULATE AS NECESSARY AND REMARK THE EQUIPMENT.

*** COORDINATION

PROJECT GE

- <u>Note</u> 38 REFER TO MECHANICAL & PLUMBING DRAWINGS FOR EXACT LOCATIONS OF EQUIPMENT. PROVIDE ALL LINE VOLTAGE AND LOW VOLTAGE WIRING, CONTROL WIRING, INTERLOCK CABLING, AND CONDUIT REQUIRED.
- LIMITING TYPE.
- EXTERIOR HVAC/PLUMBING EQUIPMENT.
- 42 WORK PERFORMED FROM THESE DRAWINGS SHALL ALSO COMPLY WITH THE PROJECT SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL TAKE PRECEDENT.
- SUBMITTAL.
- THE BUILDING.

MISCELLANEOUS

- COMPLETE SCOPE OF WORK.
- THE OWNER'S ATTIC STOCK FOR FUTURE USE. PER CEC ARTICLE 517 PROVIDE SEPARATE ELECTRICAL RACEWAYS.
- FIELD ROUTINGS AND INSTALLATION LOCATIONS FOR ALL ITEMS ON THIS PROJECT.
- THE ARCHITECTURAL FINISHES IN THAT AREA.
- TRADES.
- AND APPROVED PRIOR TO ANY ROUGH-IN WORK IN THE FIELD.
- BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION:

·LIGHTING AND DEVICE BRANCH CIRCUITING- DRAWINGS INDICATE ABOVE CEILING POWER JUNCTION BOXES, HOMERUNS, CIRCUITING AT EACH JUNCTION BOX, AND LOCAL MEANS OF CONTROL. CORRESPONDING CIRCUIT NUMBERS ARE INDICATED ADJACENT TO LIGHTING FIXTURES AND RECEPTACLES. CONNECTIONS TO ALL FIXTURES AND DEVICES ARE NOT INDICATED ON THE PLANS BUT ARE REQUIRED.

·FIRE ALARM SYSTEM- DRAWINGS INDICATE THE LOCATION OF ALL CONTROL PANEL COMPONENTS, INITIATING DEVICES, ANNUNCIATING DEVICES, COMMUNICATIONS SYSTEM COMPONENTS, AUXILIARY EQUIPMENT CONTROL AND CONDUIT BETWEEN BUILDINGS. CONDUITS WIRE AND CABLING BETWEEN ALL SYSTEM EQUIPMENT, DEVICES, ETC. ARE NOT INDICATED AND SHALL BE COMPLETED BY THE FIRE ALARM SYSTEM SHOP DRAWING DESIGNER.

ENERAL	NOTES

39 PROVIDE A DISCONNECTING MEANS AT ALL MOTORS, WHETHER INDICATED ON THE PLANS OR NOT. 40 PROVIDE FUSES IN DISCONNECTS FOR MECHANICAL EQUIPMENT AS COORDINATED WITH THE UNITS NAMEPLATE AND MANUFACTURERS INSTALLATION INSTRUCTIONS. FUSES SHALL BE CURRENT 41 PROVIDE A GFCI TYPE DEVICE WITH WEATHER PROOF WHILE IN USE COVER WITHIN 25' OF ALL

SPECIFICATIONS. IN THE EVENT THAT THERE IS A CONFLICT BETWEEN THE DRAWINGS AND 43 CONTRACTOR SHALL CONFIRM THAT ALL LIGHTING FIXTURES SPECIFIED, AND THE CEILING TYPES, FIXTURE TRIMS, AND FRAMES ARE ALL COMPATIBLE PRIOR TO THE CONTRACTOR LIGHTING FIXTURE

44 BUILDING EXPANSION JOINTS ARE NOT INDICATED ON THE ELECTRICAL DRAWINGS (UON) AND SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS. INCLUDE FLEXIBLE EXPANSION WIRING METHODS AT EXPANSION JOINTS TO MEET THE DEFLECTION AND EXPANSION REQUIREMENTS OF

45 IN ADDITION TO THE WORK SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE ALL CONDUIT, BACK BOXES, AND RACEWAY REQUIRED FOR THE FIRE ALARM SYSTEM, SECURITY SYSTEM, AV SYSTEM, AND TELECOM SYSTEM ON THIS PROJECT. PLEASE REFER THE LOW VOLTAGE SYSTEM DRAWINGS AND SPECIFICATIONS FOR DEVICE LOCATIONS, ADDITIONAL INFORMATION, AND

46 PROVIDE ALL LABOR, EXIT SIGNS, AND MATERIAL COSTS FOR THE COMPLETE INSTALLATION OF 5 ADDITIONAL LED EDGE LIT EXIT SIGNS. THE INSTALLATION LOCATIONS ARE TO BE DETERMINED DURING THE FINAL PROJECT INSPECTION WITH THE AHJ. TURN OVER ANY UNUSED EXIT SIGNS TO

48 CONTRACTOR SHALL PREPARE RED LINED AS-BUILT DOCUMENTS REPRESENTING THE ACTUAL 49 SURFACE MOUNTED CONDUIT WHERE APPROVED, AND INSTALLED, SHALL BE PAINTED TO MATCH

50 CONDUIT ROUTING (WHERE SHOWN) IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FILED CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES. DRAWINGS INDICATE JUNCTION BOXES WITH HOMERUNS ON THE PLANS, BUT THE CONTRACTOR SHALL PROVIDE ALL INTERMEDIATE RACEWAY WORK AND CONDUCTORS/CABLING BETWEEN THE DEVICES, FIXTURES, AND JUNCTION BOXES AS COORDINATED WITH ALL FIELD CONDITIONS AND

52 CONTRACTOR SHALL PREPARE A DETAILED CONDUIT ROUTING DIAGRAM, INCLUDING MAJOR CONDUIT RUNS FROM PANELS OF ORIGIN OUT TO ALL BRANCH CIRCUIT CONNECTIONS (DOWN TO THE DEVICE LEVEL), LIGHT FIXTURE CONNECTIONS, CONTROLS, ETC. AS A SHOP DRAWING FOR REVIEW AND APPROVAL BY THE ENGINEER AND OWNER. THIS SHALL BE SUBMITTED, REVIEWED,

53 THE DRAWINGS DO NOT FULLY REPRESENT THE ENTIRE INSTALLATION FOR THE SYSTEMS INDICATED BELOW. THE CONTRACTOR IS REQUIRED TO COMPLETE THE DESIGN FOR THESE SYSTEMS AS SPECIFIED HEREIN AND AS INDICATED ON THE DRAWINGS. CAD OR REVIT SHOP DRAWINGS SHALL

	ABBREV	IATIC	NS
A	AMPERES	LCP	LIGHTING CONTROL PANEL
AFI	ARC FAULT CIRCUIT INTERRUPTER	MBGB	MAIN BUILDING GROUND BUS
AF	AMPERE OVERCURRENT FRAME SIZE	MCB	MAIN CIRCUIT BREAKER
	(WHEN APPLIED TO CIRCUIT BREAKERS) OR AMPERE FUSE SIZE	MLO	MAIN LUGS ONLY
	(WHEN APPLIED TO FUSES)	MT	EMPTY CONDUIT
AFF	ABOVE FINISHED FLOOR	(N)	NEW
AIC	ASYMMETRIC INTERRUPTING CURRENT	NC	NORMALLY CLOSED
AL	ALUMINUM	NF	NON-FUSED
AT	AMPERE OVERCURRENT TRIP (WHEN APPLIED TO CIRCUIT BREAKERS)	NIEC	NOT IN ELECTRICAL CONTRACT
AV	AUDIO / VIDEO	NL	NIGHT LIGHT, UNSWITCHED
ATS	AUTOMATIC TRANSFER SWITCH	NO	NORMALLY OPEN
BAS	BUILDING AUTOMATION SYSTEM	NTS	NOT TO SCALE
С	CONDUIT	OC	ON CENTER
CCTV	CLOSED CIRCUIT TELEVISION	OFCI	OWNER FURNISHED CONTRAC
CEC	CALIFORNIA ELECTRICAL CODE		INSTALLED
CL	CURRENT LIMITING CIRCUIT BREAKER	PA	PUBLIC ADDRESS
	OR FUSE	PDZ	PRIMARY DAYLIGHT ZONE
СР	CIRCULATION PUMP	PNL	PANEL
СТ	CURRENT TRANSFORMER	PQM	POWER QUALITY METER
CU	COPPER	PT	POTENTIAL TRANSFORMER
DF	DRINKING FOUNTAIN	PVC	POLYVINYL CHLORIDE
(E)	EXISTING TO REMAIN	(R)	EXISTING TO BE REMOVED
EC	ELECTRICAL CONTRACTOR	(RR)	REMOVE AND RELOCATE
EF	EXHAUST FAN	SAD	SEE ARCHITECTURAL DRAWING
EPO	EMERGENCY POWER OFF	TC	TIME CLOCK
EMT	ELECTRICAL METALLIC TUBING	TP	TWISTED-PAIR
EWH	ELECTRIC WATER HEATER	SDZ	SECONDARY DAYLIGHT ZONE
F	FUSED	SPD	SURGE PROTECTION DEVICE
(F)	FUTURE	ТХ	TRANSFORMER
FACP	FIRE ALARM CONTROL PANEL	TYP	TYPICAL
FLA	FULL LOAD AMPERES	UON	UNLESS OTHERWISE NOTED
FMC	FLEXIBLE METAL CONDUIT	UPS	UNINTERRUPTIBLE POWER SUF
FSD	FIRE/SMOKE DAMPER	V	VOLTS
FRAP	FIREMAN'S REMOTE ANNUNCIATOR PANEL	VA	VOLTS-AMPS
G	GROUND	VFD	VARIABLE FREQUENCY DRIVE
GB	GROUND BUS	VM	VENDING MACHINE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	WAP	WIRELESS ACCESS POINT
GND	GROUND	WP	WEATHERPROOF
GRAP	GENERATOR REMOTE ANNUNCIATOR	2SP 1Ø	TWO SPEED
GRC	GALVANIZED RIGID CONDUIT	3Ø	3-PHASE
IMC	INTERMEDIATE METAL CONDUIT	30 1P	1-POLE
IIVIC		2P	2-POLE
		3P 3W	3-POLE 3-WIRE
		3vv 4W	3-WIRE
		4 V V	+-₩INE

IZE	MCB	MAIN CIRCUIT BREAKER
Ξ	MLO	MAIN LUGS ONLY
	MT	EMPTY CONDUIT
	(N)	NEW
RENT	NC	NORMALLY CLOSED
	NF	NON-FUSED
EN	NIEC	NOT IN ELECTRICAL CONTRACT
	NL	NIGHT LIGHT, UNSWITCHED
	NO	NORMALLY OPEN
	NTS	NOT TO SCALE
	OC	ON CENTER
	OFCI	OWNER FURNISHED CONTRACTOR
KER	PA	PUBLIC ADDRESS
\En	PDZ	PRIMARY DAYLIGHT ZONE
	PNL	PANEL
	PQM	POWER QUALITY METER
	PT	POTENTIAL TRANSFORMER
	PVC	POLYVINYL CHLORIDE
	(R)	EXISTING TO BE REMOVED
	(RR)	REMOVE AND RELOCATE
	SAD	SEE ARCHITECTURAL DRAWINGS
	тс	TIME CLOCK
	TP	TWISTED-PAIR
	SDZ	SECONDARY DAYLIGHT ZONE
	SPD	SURGE PROTECTION DEVICE
	тх	TRANSFORMER
	TYP	TYPICAL
	UON	UNLESS OTHERWISE NOTED
	UPS	UNINTERRUPTIBLE POWER SUPPLY
	V	VOLTS
7	VA	VOLTS-AMPS
	VFD	VARIABLE FREQUENCY DRIVE
	VM	VENDING MACHINE
	WAP	WIRELESS ACCESS POINT
PTER	WP	WEATHERPROOF
	2SP	TWO SPEED
OR	1Ø	1-PHASE
	3Ø	3-PHASE
	1P	1-POLE
	2P	2-POLE
	3P	3-POLE
	3W	3-WIRE
	4W	4-WIRE

	APPLI	ANCES	
DO	DOUBLE OVEN	MW	MICROWAVE
DW	DISHWASHER	RF	REFRIGERATOR
ED	ELECTRIC DRYER	RH	RANGE HOOD
EO	ELECTRIC OVEN/RANGE	UR	UNDERCOUNTER REFRIGERATOR
GD	GARBAGE DISPOSER	WC	WINE COOLER
GR	GAS RANGE	WM	WASHING MACHINE

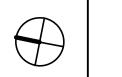
	ELECTRICAL SHEET INDEX		
		2020.12.17 100% DD	2022.04.01 PERMIT SET
SHEET NO.		<u>8</u>	<u>5</u>
E001 E002	NOTES, ABBREVIATIONS, AND SHEET INDEX ELECTRICAL SYMBOLS AND LEGEND	•	•
	SCHEDULE AND SINGLE LINE DIAGRAM	•	•
E003 E004	TITLE 24 FORMS	•	•
E004 E005	TITLE 24 FORMS		•
E005	ITTLE 24 FORMS		•
E101	SITE PLAN	•	•
E201	LIGHTING PLANS	•	•
E301	POWER AND LOW VOLTAGE PLANS	•	•
E401	FIRE ALARM PLANS		•
E402	FIRE ALARM RISER AND DETAILS		•
E501	ENLARGED PLANS AND DETAILS	•	•

CONSULTING ENGINEERS ALAMEDA AUBURN SAN DIEGO SANTA BARBARA https://www.engent.com TEE Project No.: 21186			
STAMP STAMP No. E014866 Exp. 06/30/19 File OF CAL IFORM			
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ESTIMATO			
NO. ISSUED ISSUE I I I I I I I I I I I I I I I I I I I	DESCRIPTION DATE FOR BUILDING PERMIT 04/01/2022		
JOB NO.			
NOTES, ABBREVIATIONS, AND SHEET INDEX			
\bigcirc	E001		

	WIRING DEVICES		
Q	JUNCTION BOX, WALL MOUNTED, +18" UON.		
\bigcirc	JUNCTION BOX, MOUNTED IN FLUSH FLOOR BOX.		LUMINAIRE, RECI
J	JUNCTION BOX, MOUNTED FLUSH IN CEILING.	$\overline{\cdot 0 \cdot}$	SUSPENDED LINI
Ū	JUNCTION BOX, SURFACE OR PENDANT MOUNTED TO STRUCTURE IN ACCESSIBLE CEILING SPACE.		REPRESENT ACT
Ŷ	JUNCTION BOX, MOUNTED ON CONDUIT STANCHION FLOOR PENETRATION, +12" UON.		LUMINAIRE, WAL
Φ	SINGLE-PLEX CONVENIENCE RECEPTACLE DEVICE, WALL MOUNTED, +18" UON.		STRIP LUMINAIRE
Ð	DUPLEX CONVENIENCE RECEPTACLE DEVICE, WALL MOUNTED, +18" UON. ADJACENT LETTERING DENOTED BELOW APPLY TO ALL RECEPTACLE DEVICES WHEN SHOWN ON DRAWINGS.	Ю	STRIP LUMINAIRE
	A: ARC FAULT CURRENT INTERRUPTER (AFCI) G: GROUND FAULT CURRENT INTERRUPTER (GFCI)	0	
	IG: ISOLATED GROUND U: INTEGRAL USB PORTS		SQUARE DOWNL
	WP: WEATHER-RESISTANT, GROUND FAULT CURRENT INTERRUPTER (GFCI) WITH WEATHERPROOF "IN USE" COVER		
8	DOUBLE DUPLEX CONVENIENCE RECEPTACLE DEVICE, WALL MOUNTED, +18" UON.	⇒ D>	DIRECTIONAL LU
₽₽₽	DUPLEX CONVENIENCE RECEPTACLE DEVICE, WALL MOUNTED OVER COUNTER, 6" ABOVE BACK SPLASH UON, BUT NO HIGHER THAN ADA REQUIREMENTS.		LINEAR, MULTI-H
Ŷ	DUPLEX CONVENIENCE RECEPTACLE DEVICE, SPLIT-WIRED, WALL MOUNTED, +18" UON.		LINEAR WALLWA
\mathbf{T}	DUPLEX CONVENIENCE RECEPTACLE DEVICE, ON EMERGENCY POWER, WALL MOUNTED, +18" UON.		LINEAR WALLWA
P	DUPLEX CONVENIENCE RECEPTACLE DEVICE, CONTROLLED PER T24, WALL MOUNTED, + 18" UON.	Ю	SCONCE LUMINA
e P	DUPLEX CONVENIENCE RECEPTACLE DEVICE, HORIZONTALLY WALL MOUNTED, +18"		LED TAPE STRIP
_	UON. SPECIALTY OUTLET DEVICE, NEMA CONFIGURATION TYPE AS NOTED ON PLANS, WALL		DECORATIVE LUI
9	MOUNTED, +18" UON.	₽ ₹	EXIT SIGN LUMIN ON PLANS. WOR
Ø	DUPLEX CONVENIENCE RECEPTACLE DEVICE, MOUNTED IN FLUSH FLOOR BOX.	<u> 46</u> 46	COMBO EXIT SIG
₿ ©	DOUBLE DUPLEX CONVENIENCE RECEPTACLE DEVICE, MOUNTED IN FLUSH FLOOR BOX. DUPLEX CONVENIENCE RECEPTACLE DEVICE, MOUNTED IN FIRE-RATED POKE-THRU		NOTED ON PLAN
	FLOOR FITTING.		OR IN LUMINAIRE
۲	DOUBLE DUPLEX CONVENIENCE RECEPTACLE DEVICE, MOUNTED IN FIRE-RATED POKE- THRU FLOOR FITTING.		SHADING OF ANY
0	DUPLEX CONVENIENCE RECEPTACLE DEVICE, MOUNTED FLUSH IN CEILING.		
⊕	DOUBLE DUPLEX CONVENIENCE RECEPTACLE DEVICE, MOUNTED FLUSH IN CEILING. COMBINATION POWER/TELECOMMUNICATION DEVICE, MOUNTED IN FLUSH FLOOR BOX.	R	REMOTE POWER
Ð	TYPE AS NOTED ON PLANS OR IN SPECIFICATIONS.		
Φ	DUPLEX CONVENIENCE RECEPTACLE DEVICE, MOUNTED ON CONDUIT STANCHION FLOOR PENETRATION, +12" UON.		
\bigcirc	DUPLEX CONVENIENCE RECEPTACLE DEVICE, CORD OR REEL HUNG FROM STRUCTURE ABOVE. TYPE AS NOTED ON PLANS.		
s ^T	SINGLE-POLE, MANUAL DISCONNECT SWITCH WITH THERMAL OVERLOAD ELEMENT, MOUNTED ADJACENT TO MOTOR.		
s ^{MS}	SINGLE-POLE, FRACTIONAL HORESPOWER, MOTOR STARTER/DISCONNECT SWITCH,		
s s ^F	MOUNTED ADJACENT TO MOTOR. SWITCH FURNISHED UNDER ANOTHER DIVISION, BUT INSTALLED AND WIRED UNDER		
5	THIS DIVISION, WALL MOUNTED, +42" UON.		
Φ	LINE-VOLTAGE THERMOSTAT, NIEC, WALL MOUNTED +48" UON. INSTALLED AND WIRED BY ELECTRICAL.		
\odot	CONTROL STATION, WALL MOUNTED, +42" UON.		
	RACEWAYS		
	CONDUIT RUN EXPOSED ON WALL OR CEILING.		
	CONDUIT RUN CONCEALED IN SLAB, UNDER SLAB OR UNDERGROUND.		
	CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING.		
	CONDUIT HOMERUN, CONTINUOUS RUN TO PANEL OR EQUIPMENT CABINET. HOMERUN CAN OCCUR ON ANY OF THE ABOVE ROUTING CONDITIONS.		
	O CONDUIT TURNED UP, CAN OCCUR ON ANY OF THE ABOVE ROUTING CONDITIONS.	$\langle 1 \rangle$	NUMBER
	CONDUIT TURNED DOWN, CAN OCCUR ON ANY OF THE ABOVE ROUTING CONDITIONS.		NUMBER
	CONDUIT CAPPED OR STUBBED WITH INSULATED BUSHINGS, CAN OCCUR ON	1	OVERCU LOCATIO DISTRIB
L	 ANY OF THE ABOVE ROUTING CONDITIONS. CONDUIT SLEEVE, WITH INSULATING BUSHINGS. 	NAME) EQUIPM
	-	2004	ANOTHE
H	CROSSMARKS ON BRANCH CIRCUIT CONDUIT RUNS INDICATE THE QUANTITY OF		
	SHOULD BE INCLUDED IN EVERY CONDUIT WITH POWER CONDUCTORS):	E-801	
	 NO CROSSMARKS INDICATES TWO #12 AWG CONDUCTORS, UON. THREE TO SIX CROSSMARKS INDICATES THE QUANTITY OF #12 AWG CONDUCTORS, UON 		SHE
	CONDUCTORS, UON. 3. SEVEN OR MORE CROSSMARKS INDICATES THE QUANTITY OF #10 AWG CONDUCTORS, UON.	<u>2</u> - <u>F3</u> ▲ ▲	
P	SURFACE RACEWAY; TYPE, DEVICE SPACING AND MOUNTING AS NOTED ON		FIXT
	CABLE TRAY, REFER TO PLANS AND/OR SPECS FOR SIZE AND MOUNTING.	<u>2 E L 2 /</u> ▲ ▲ ▲ ▲ ▲	
			BOA FLO VOL
	DIGITAL LIGHTING CONTROLS		POV
D H S	SINGLE ZONE DIMMER SWITCH WITH ON/OFF/DIM CAPABILITIES, WALL MOUNTED, +42" UON. SINGLE ZONE SWITCH WITH ON/OFF CAPABILITIES, WALL MOUNTED, +42" UON.		
SC T	SCENE OR MULTI-ZONE CONTROLLER WITH ON/OFF/DIM CAPABILITIES ZONE, WALL		BUIL
DS	MOUNTED, +42" UON. DAYLIGHT HARVESTING SENSOR, CEILING MOUNTED.		
M	OCCUPANCY SENSOR, CEILING MOUNTED FOR AREA COVERAGE.		
PLC	PLUG LOAD CONTROLLER, UL LISTED FOR CONTROLLING RECEPTACLES, 20A RATED.		
M	LIGHTING CONTROL OCCUPANCY SENSOR WITH DUAL LEVEL SWITCHING, WALL MOUNTED, +42" UON.		
M1	LIGHTING CONTROL OCCUPANCY SENSOR WITH SINGLE LEVEL SWITCHING, WALL MOUNTED, +42" UON.		
-			
		•	

LIGHTING		FIRE ALARM	
CESSED IN CEILING.	Ø _c	SMOKE DETECTOR INITIATING DEVICE, CEILING MOUNTED IN FLUSH OR SURFACE JUNCTION BOX. "C" DENOTES MULTI-CRITERIA CARBON MONOXIDE AND SMOKE	EZ TZ
RFACE MOUNTED. NEAR LUMINAIRE. SUSPENSION POINTS ARE GRAPHIC ONLY AND DO NOT STUAL LOCATION OR QUANTITY.	Ŷ	DETECTOR. SMOKE DETECTOR INITIATING DEVICE, WALL MOUNTED IN FLUSH JUNCTION BOX, MAXIMUM 6" BELOW CEILING.	
LL MOUNTED.	2	SMOKE DETECTOR INITIATING DEVICE, MOUNTED TO STRUCTURE ABOVE SUSPENDED CEILING IN SURFACE JUNCTION BOX OR SUSPENDED IN JUNCTION BOX	
RE, SURFACE OR PENDANT MOUNTED. RE, SURFACE MOUNTED IN ARCHITECTURAL CEILING COVE.	2-	IN FRONT OF RETURN AIR FIRE/SMOKE DAMPERS. SMOKE DETECTOR INITIATING DEVICE, DUCT-MOUNTED TYPE WITH SAMPLING TUBE,	
RE, SURFACE MOUNTED VERTICALLY ON WALL OR IN COVE.		LOCATED AT SUPPLY AIR FANS 2000cfm AND LARGER.	
IGHT LUMINAIRE, RECESSED IN CEILING.	٢	HEAT DETECTOR INITIATING DEVICE, CEILING MOUNTED IN FLUSH OR SURFACE JUNCTION BOX.	
ILIGHT LUMINAIRE, RECESSED IN CEILING. DUSTRIAL LUMINAIRE, SURFACE OR PENDANT MOUNTED.	١	HEAT DETECTOR INITIATING DEVICE, MOUNTED TO STRUCTURE ABOVE SUSPENDED CEILING IN SURFACE JUNCTION BOX.	
UMINAIRE, RECESSED IN CEILING.	Ē	MANUAL PULL STATION INITIATING DEVICE, WALL MOUNTED AT +48" UON.	
UMINAIRE, SURFACE OR PENDANT MOUNTED.	∞	SPRINKLER SYSTEM WATER FLOW SWITCH, NIEC. SYMBOL DENOTES INTERFACE FOR MONITORING CONNECTION FROM FIRE ALARM SYSTEM.	
HEAD, ADJUSTABLE ACCENT LUMINAIRES, RECESSED IN CEILING. ASH LUMINAIRE, RECESSED IN CEILING.	Ř	SPRINKLER SYSTEM TAMPER SWITCH, NIEC. SYMBOL DENOTES INTERFACE FOR MONITORING CONNECTION FROM FIRE ALARM SYSTEM.	
ASH LUMINAIRE, SURFACE OR PENDANT MOUNTED.	\mathbf{A}	SPRINKLER SYSTEM POST INDICATING VALVE 'PIV', NIEC. SYMBOL DENOTES INTERFACE FOR MONITORING CONNECTION FROM FIRE ALARM SYSTEM. INCLUDE A REMOTE MOUNTED ADDRESSABLE MONITORING MODULE AT PIV.	
AIRE, WALL MOUNTED. P TYPE LUMINAIRE, MOUNTED LOOSE OR IN CHANNEL.	SM	REMOTE MOUNTED SINGLE INPUT, ADDRESSABLE, MONITORING MODULE FOR INITIATING CIRCUIT CONNECTION.	
JMINAIRE, PENDANT MOUNTED.	DM	REMOTE MOUNTED DUAL INPUT, ADDRESSABLE, MONITORING MODULE FOR INITIATING CIRCUIT CONNECTION.	
NAIRE, CEILING OR WALL MOUNTED WITH DIRECTIONAL ARROWS AS NOTED	CR	REMOTE MOUNTED PROGRAMMABLE CONTROL RELAY MODULE FOR ADDRESSABLE CONTROL.	
RD 'EXIT' TO BE LOCATED IN SHADED FACE(S). GN AND EGRESS LUMINAIRE, CEILING OR WALL MOUNTED WITH ARROWS AS	FRAP	FIREMANS REMOTE ANNUNCIATOR PANEL FRAP, FLUSH WALL MOUNTED, +42" UON.	
NS OR IN LUMINAIRE SCHEDULE. ELF-POWERED BATTERY PACK WITH LUMINAIRE HEADS AS NOTED ON PLANS	Ţ	AUDIBLE NOTIFICATION APPLIANCE, WALL MOUNTED, 6" BELOW CEILING OR +80" AFF, WHICHEVER IS LOWER.	
RE SCHEDULE.	函	VISIBLE NOTIFICATION APPLIANCE, WALL MOUNTED, 6" BELOW CEILING OR +80" AFF, WHICHEVER IS LOWER. NUMBER ASSOCIATED WITH 'cd' REPRESENTS CANDELA RATING OF STROBE.	
IY LUMINAIRE INDICATES EMERGENCY/EGRESS LIGHTING.	薁	AUDIBLE/VISIBLE NOTIFICATION APPLIANCE, WALL MOUNTED, 6" BELOW CEILING OR +80" AFF, WHICHEVER IS LOWER. NUMBER ASSOCIATED WITH 'cd' REPRESENTS CANDELA RATING OF STROBE.	()
R SUPPLY FOR LIGHTING	රි ®	AUDIBLE NOTIFICATION APPLIANCE, CEILING MOUNTED IN FLUSH BACK BOX. VISIBLE NOTIFICATION APPLIANCE, CEILING MOUNTED IN FLUSH BACK BOX. NUMBER	L L
	_	ASSOCIATED WITH 'cd' REPRESENTS CANDELA RATING OF STROBE. AUDIBLE/VISIBLE NOTIFICATION APPLIANCE, CEILING MOUNTED IN FLUSH BACK BOX.	33
	l B B	NUMBER ASSOCIATED WITH 'cd' REPRESENTS CANDELA RATING OF STROBE. FIRE ALARM BELL FOR SPRINKLER FLOW ANNUNCIATOR, NIEC, POWERED AND	-
	ß	INSTALLED BY ELECTRICAL, WALL MOUNTED ON EXTERIOR OF BUILDING. SMOKE ALARM FOR RESIDENTIAL DWELLING UNITS, NON-ADDRESSABLE, 120V	
	€	DEVICE WITH BATTERY BACK-UP, CEILING MOUNTED IN FLUSH OR SURFACE JUNCTION BOX.	
	Ŷ	SMOKE ALARM FOR RESIDENTIAL DWELLING UNITS, NON-ADDRESSABLE, 120V DEVICE WITH BATTERY BACK-UP, WALL MOUNTED MAXIMUM 6" BELOW CEILING IN FLUSH JUNCTION BOX.	
	c€	COMBINATION SMOKE AND CARBON MONOXIDE ALARM FOR RESIDENTIAL DWELLING UNITS, NON-ADDRESSABLE, 120V DEVICE WITH BATTERY BACK-UP, CEILING MOUNTED IN FLUSH OR SURFACE JUNCTION BOX.	
	с Ŷ	COMBINATION SMOKE AND CARBON MONOXIDE ALARM FOR RESIDENTIAL DWELLING UNITS, NON-ADDRESSABLE, 120V DEVICE WITH BATTERY BACK-UP, WALL MOUNTED MAXIMUM 6" BELOW CEILING IN FLUSH JUNCTION BOX.	
CONVENTIONS			
ERED NOTE, APPLIES TO ALL DRAWINGS.			
ERED SHEET NOTE, APPLIES TO DRAWING CONTAINING NOTES ONLY. CURRENT PROTECTIVE DEVICE SPACE IDENTIFICATION TAG. REFERS TO			
ION OF PROTECTIVE OR CONTROL DEVICE WITHIN SWITCHBOARDS, BUTION BOARDS, MOTOR CONTROL CENTERS, ETC.			
MENT IDENTIFICATION TAG: ITEM FURNISHED AND INSTALLED UNDER IER SECTION AND WIRED UNDER THIS SECTION. IR SIZE. REFER TO FEEDER SCHEDULE.		LINE VOLTAGE LIGHTING CONTROL	┨ᆜ
REFERENCE:	S	SINGLE-POLE, SINGLE-THROW SWITCH, WALL MOUNTED, +42" UON.	
TAIL DESIGNATION	S ³	THREE-WAY SWITCH, WALL MOUNTED, +42" UON.	GI
EET NUMBER AIRE IDENTIFICATION TAG:	S ⁴	FOUR-WAY SWITCH, WALL MOUNTED, +42" UON.	N
AIRE IDENTIFICATION TAG:	S ^K S ^P	SINGLE-POLE, SINGLE-THROW SWITCH, KEY-OPERATED, WALL MOUNTED, +42" UON.	
JANTITY	s s ^D	SINGLE-POLE, SINGLE-THROW SWITCH, WITH PILOT LIGHT, WALL MOUNTED, +42" UON. WALLBOX DIMMER SWITCH, +42" UON. SIZED PER CONNECTED LOAD ON PLANS AND	
HBOARDS, DISTRIBUTION BOARDS, AND PANELBOARDS:	то	FURNISHED FOR LAMP SOURCE SERVED. PROVIDED FOR DERATING WHEN INSTALLED GANGED LOCATIONS.	
OOR NUMBER ILTAGE CLASSIFICATION MS : MAIN SWITCHBOARD	S ^{TC} S ^{EP}	SINGLE-POLE, TIMER CONTROLLED SWITCH, WALL MOUNTED, +42" UON. SINGLE-POLE, SINGLE-THROW SWITCH, EXPLOSION PROOF, WALL MOUNTED, +42" UON.	
LD : 120/208 DIST. BOARD L : 120/208 PANELBOARD WER SOURCE	s s ^v	LINE VOLTAGE SINGLE RELAY VACANCY SENSOR, WALL MOUNTED, +42" UON.	
: NORMAL C : CRITICAL E : EMERGENCY OR ESSENTIAL S : LIFE SAFETY	SWP	SINGLE-POLE, SINGLE-THROW SWITCH WITH WEATHERPROOF COVER, WALL MOUNTED, +42" UON.	
U : UPS ILDING NUMBER (WHEN APPLICABLE)	S ^H	SINGLE-POLE SWITCH WITH AUTOMATIC HUMIDITY CONTROL, WALL MOUNTED, +42" UON.	
	SM	DUAL LEVEL OCCUPANCY SENSOR SWITCH, WALL MOUNTED, +42" UON.	
	S ^{M1}	SINGLE LEVEL OCCUPANCY SENSOR SWITCH, WALL MOUNTED, +42" UON.	
	S ^{DM}	COMBINATION OCCUPANCY SENSOR AND DIMMER SWITCH, WALL MOUNTED, +42" UON.	
	OS	OCCUPANCY SENSOR FOR AREA COVERAGE, CEILING MOUNTED. PHOTOELECTRIC CELL SENSOR, CEILING MOUNTED.	
	PC ETD	EGRESS LIGHTING TRANSFER DEVICE.	

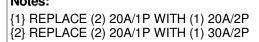
	SOME OF THESE SYMBOLS SHOWN MAY NOT BE USED ON THIS PROJECT				
	POWER DISTRIBUTION				
77	PANELBOARD, 277/480V, SURFACE MOUNTED ON WALL.			The Engineering Enierprise	
<u></u>	PANELBOARD, 277/480V, FLUSH MOUNTED IN WALL.			AENIERPRISE	
	PANELBOARD, 120/208V, SURFACE MOUNTED ON WALL.			ALAMEDA AUBURN N DIEGO SANTA BARBARA	
	PANELBOARD, 120/208V, FLUSH MOUNTED IN WALL. ELECTRIC MOTOR, NIEC. MAKE POWER CONNECTIONS ONLY AS NOTED ON PLANS.			https://www.engent.com	
ץ ≣י∕	INDOOR EXHAUST FAN MOTOR, SINGLE PHASE. MAKE POWER CONNECTIONS TO INCLUDE		TEE Project	No.: 21186	
	JUNCTION BOX MOUNTED MANUAL MOTOR STARTER AND DISCONNECT ADJACENT TO FAN WITH 2 #12 CONDUCTORS PLUS GROUND IN 1/2" FLEXIBLE CONDUIT BETWEEN STARTER	ST	AMP		
Ŋ	AND MOTOR. INDOOR FAN POWERED VAV BOX MOTOR, SINGLE PHASE, MOUNTED FROM STRUCTURE ABOVE, NIEC. MAKE POWER CONNECTIONS TO INCLUDE JUNCTION BOX MOUNTED MANUAL MOTOR STARTER AND DISCONNECT ADJACENT TO VAV BOX WITH 2 #12 CONDUCTORS PLUS GROUND IN 1/2" FLEXIBLE CONDUIT BETWEEN STARTER AND MOTOR.		BEG / 0.	ROFESS/ONAL RED PROFESS/ONAL RED PROFESS	
	MOTOR OPERATED FIRE/SMOKE DAMPER 'FSD', NIEC. SYMBOL DENOTES INTERFACE FOR POWER CONNECTIONS. ALSO, INCLUDES LOCAL POWER DISCONNECT MEANS. ADJACENT NUMBER INDICATES QUANTITY OF ACTUATORS REQUIRING CONNECTION PER FSD, IF MORE THAN 1.		A	Exp. 06/30/19	
€∕ €	COMBINATION EXHAUST FAN AND DOWNLIGHT FIXTURE, CEILING MOUNTED. FAN AND LIGHT SHALL BE CONTROLLED SEPARATELY.			URL	
2	PULLBOX OR HANDHOLE, SIZE AND TYPE AS NOTED ON PLANS.	PRO	JECT ADDRE	SS	
AF 1	SAFETY DISCONNECT SWITCH, 3 POLE, UON. ADJACENT NUMBER INDICATES FUSE SIZEWHEN APPLICABLE. LABELING CONVENTION AS FOLLOWS:A: 30A, NON-FUSEDB: 60A, NON-FUSEDC: 100A, NON-FUSEDD: 200A, NON-FUSEDD: 200A, NON-FUSEDD: 200A, NON-FUSEDC: 100A, NON-FUSEDD: 200A, NON-FUSEDC: 100A, NON-FUSEDD: 200A, NON-FUSEDC: 100A, NON-FUSEDD: 200A, NON-FUSEDC: 100A, NON-FUSEDC: 10A, NON-FUSEDC: 10A, NON-FUSEDC: 10A, NON-FUSED<	K	ENSIN	LINGTON AVE. IGTON, CA, 9470	07
3 3-	E: 400A, NON-FUSED EF: 400A, FUSED MAGNETIC MOTOR STARTER. ADJACENT NUMBER INDICATES NEMA SIZE OF STARTER. COMBINATION MAGNETIC MOTOR STARTER WITH OVERCURRENT PROTECTION		JECT TEAM LIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE	
	DISCONNECT. ADJACENT NUMBER INDICATES NEMA SIZE OF STARTER. PACKAGE MOTOR CONTROLLER OR STARTER FURNISHED AND INSTALLED UNDER ANOTHER DIVISION WITH EQUIPMENT CONTROLLED. PROVIDE SINGLE-POINT POWER			KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
-	SERVICE CONNECTION UNDER THIS DIVISION AS NOTED ON PLANS. DRIVEN GROUND ROD.	AF	RCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR	
	DRIVEN GROUND ROD IN GROUND WELL WITH COVER.	0		T. (415) 522-0600 : ZFA STRUCTURAL ENGINEEF	
3) T)	GROUND FAULT RELAY INTEGRAL WITH CIRCUIT BREAKER. SHUNT-TRIP INTEGRAL WITH OVERCURRENT PROTECTION DEVICES.	5	IRUCIURAL	1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070	
ע שי-	UTILITY METER, MOUNTED IN UTILITY METER SECTION OF SWITCHGEAR.			CONTACT: MATT FRANZ T: (650) 394-8869	
GFR	GROUND FAULT RELAY WITH SHUNT TRIP.	CI	IVIL:	BKF ENGINEERS	
GFA	GROUND FAULT ALARM, NO SHUNT TRIP.			1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON	E 400
L_ =	CONNECTION TO GROUND.			T: (925) 940-2200	
ß	CURRENT TRANSFORMERS.	GI	EOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	
		M	EP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
		Al	JDIO/VISUAL	: SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAL T: (415) 255-9140	
	POWER DISTRIBUTION	ES	STIMATOR:	MICROESTIMATION INC.	
ľ	AUTOMATIC OR MANUAL TRANSFER SWITCH.			850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	I
<u>)</u>	EMERGENCY GENERATOR.				
ilili	BATTERIES.				
+_ 	NEUTRAL SERVICE DISCONNECT LINK.				
ت ۳	SURGE PROTECTION DEVICE, 'SPD'.				
山					
⊢	NORMALLY OPEN CONTACT.				
ᡟ—	NORMALLY CLOSED CONTACT.				
ΛU	DIGITAL METERING UNIT.	NO.		DESCRIPTION	DATE
			ISSUED FO	R BUILDING PERMIT	04/01/2022
T	GROUND BUS.				
EU	NEUTRAL BUS.				
		JOB	NO.		
		DESC	RIPTION		
			EL	ECTRICAL	
			SYI	MBOLS AND	
			_	LEGEND	





Location: (E) IT/ELEC 203			Serv	/ed Fro	m		Phases 1			A.I.C	C. Rating: 10kAIC Bus Rating 400 /		
Mounting: SURFACE				Volt	s: 120/2	240	١	Nires	3	Main Type: MLO Main Rating: 1			
Load Served	Amp	Ρ	#	A (I	(kVA) B (l		kVA) #		Ρ	Amp	Load Served		
J UNITS GND FLOOR {2}	20 A	2	1	0.30	0.70		. = .	2	2	20 A	IU UNITS 2ND FLOOR		
SPARE	20 A	1	3 5	0.00	9.01	0.30	0.70	4					
			7	0.00	9.01	2.90	5.78	8	2	100 A	PANEL DP2		
)U-1	40 A	2	9	2.90	0.00	2.00	0.70	10	1	20 A	SPARE		
)U-2	40 A	2	11			2.90	0.00	12	1	20 A	SPARE		
JU-2	40 A	2	13	2.90	4.56			14	2	100 A	PANEL E		
DU-3 {1}	40 A	2	15			2.90	3.00	16					
		-	17	2.90	1.20	2.30	1.20	18 20	2	30 A	APPARATUS AIR COMPR.		
)U-4	40 A	2	19 21	2.30	5.50	2.30	1.20	20			ELEVATOR		
IEATER AT GENERATOR	20 A	1	23	2.30	5.50	1.80	5.50	22	2	70 A	WITH SHUNT TRIP		
			25				0.00	26					
			27					28					
			29					30					
			31					32					
			33					34					
			35 37					36 38					
			37				22.49	38 40			PANEL A		
			41		19.08		22.45	40	2	225 A	LOADS ON SUBFEED		
	т	otal	Load:	51.3	5 kVA	51	.76						
	Тс	otal A	Amps:	42	28 A	431.	32 A						
oad Classification		0	Conn. I	Load	Deman	d Facto	r Code	Dema	nd		Panel Totals		
Dther			70.53	kVA	100.	.00%	70.	53 kVA	۱.	C	onnected Load: 103.11 kVA		
ighting			3.6 k	VA	125.	.00%	4.	5 kVA		Co	onnected Amps: 429.62 A		
Receptacles			28.98	kVA	67.2	25%	19.4	49 kVA	۱	Cod	e Demand Est 94.52 kVA		
										Code Demand Est 393.83 A			
lotes:		-			1		1						

Location: (E) IT/ELEC 203			Serv	/ed Fro	m DP1		Ph	ases	1	A.I.C. Rating: 10kAIC Bus Rating 225			
Mounting: SURFACE				Volt	t s: 120/2	240	Wires 3				Main Type: MLO Main Rating: N		
Load Served	Amp	Ρ	#	Α(kVA)	B (k	VA)	#	Ρ	Amp		bad Served	
EXTRACTOR {1}	20 A	2	1	1.08	2.00	1.08	2.00	2	2	30 A	DRYER {2}		
CONV. REC. GND FLOOR	20 A	1	5	0.90	1.10			6	1	20 A	WASHER		
PRINTER	20 A	1	7			0.72	0.18	8	1	20 A	ELEVATOR RE	C.	
MONITORS	20 A	1	9	0.54	0.00			10	1	20 A	SPARE		
PRINTER	20 A	1	11			0.18	0.00	12	1	20 A	SPARE		
CONV. REC. GND FLOOR	20 A	1	13	1.08	0.00			14	1	20 A	SPARE		
CONV. REC. GND FLOOR	20 A	1	15			0.18	0.00	16	1	20 A	SPARE		
PRINTER	20 A	1	17	0.90	0.00			18	1	20 A	SPARE		
CONV. REC. GND FLOOR	20 A	1	19			0.72	0.00	20	1	20 A	SPARE		
ELEVATOR PIT REC.	20 A	1	21	0.18	0.00			22	1	20 A	SPARE		
REC. APPARATUS BAY	20 A	1	23			0.72	0.00	24	1	20 A	SPARE		
REC. APPARATUS BAY	20 A	1	25	1.08	0.15			26	1	20 A	FLAG POLE LIC	GHT	
SPARE	20 A	1	27			0.00	0.00	28	1	20 A	SPARE		
space		1	29					30	1		space		
			31					32					
			33					34					
			35					36					
			37					38					
			39					40					
			41					42					
			Load:		1 kVA	5.7	'8						
	Тс	tal A	Amps:	7	5 A	48.1	7 A						
Load Classification		0	Conn. I	Load	Deman	d Factor	Code	Dema	and		Panel	Totals	
Other			9.6 k	VA	100	.00%	9.	6 kVA		С	onnected Load:	14.79 kVA	
Lighting			0.15 k	κVA	125	.00%	0.1	9 kVA	\	Co	nnected Amps:	61.63 A	
Receptacles			5.04 k	κVA	100	.00%	5.0	4 kVA	\	Cod	e Demand Est	14.83 kVA	
										Cod	e Demand Est	61.78 A	



Branch Panel: (E) PANEL A													Branch Panel: (E) PANEL
Location: (E) IT/ELEC 203			Ser\	ed Fro	m DP1		Pł	nases	1	A.I.C. Rating: 10kAIC Bus Rating 225 A			Location: (E) IT/ELEC 20
Mounting: SURFACE				Volt	s: 120/2	240		Wires	3	Μ	ain Type: MLO	Main Rating: NA	Mounting: SURFACE
Load Served	Amp	P	#		Α	E	3	#	Ρ	Amp	L	bad Served	Load Served
CORD REELS	20 A	1	1	0.72	3.60			2	2	40 A	INDUCTION CC		OVERHEAD DOOR
CORD REELS	20 A	1	3			0.72	3.60	4	2	40 A			OVERHEAD DOOR
HEATER IGNITORS	20 A	1	5	0.00	3.60			6	2	40 A	ELECTRIC OVE	:NI	OVERHEAD DOOR
DISHWASHER	20 A	1	7			0.80	3.60	8	2			IN	SPARE
GARBAGE DISPOSAL	20 A	1	9	1.20	0.54			10	1	20 A	ROOF GFCI		2ND FLOOR LIGHTING
CONV. REC.	20 A	1	11			0.90	0.36	12	1	20 A	EXTERIOR REC).	SPARE
/ICROWAVE	20 A	1	13	1.20	0.36			14	1	20 A	CONV. REC.		SPARE
TG KITCHEN 2ND FLOOR	20 A	1	15			0.28	0.00	16	1	20 A	SPARE		SPARE
CONV. REC.	20 A	1	17	0.72	1.11			18	1	20 A	LTG APPARATI	JS BAY	SPARE
CONV. REC. MONITOR	20 A	1	19			0.90	0.80	20	1	20 A	FRIG		
GARBAGE DISPOSAL	20 A	1	21	1.20	0.80			22	1	20 A	FRIG		
CE MAKER	20 A	1	23			1.00	0.80	24	1	20 A	FRIG		
CONV. REC.	20 A	1	25	1.08	0.72			26	1	20 A	REC. GYM		
.IFT	20 A	1	27			1.20	0.54	28	1	20 A	MONITORS		
CONV. REC. OFFICES	20 A	1	29	0.72	1.08			30	1	20 A	CONV. REC. SH	ADES	
PARKING LOT LTS	20 A	1	31			0.14	0.18	32	1	20 A	RR CONV.		
CONV. REC.	20 A	1	33	0.54	0.18			34	1	20 A	RR CONV.		
A/V TELECOM RACK	20 A	1	35			1.00	1.26	36	1	20 A	BR REC.		
A/V TELECOM RACK	20 A	1	37	1.00	1.44			38	1		BR REC.		
A/V TELECOM RACK	20 A	1	39			1.00	0.00	40	1	-	SPARE		
CONV. REC. ELEC. RM.	20 A	1	41	0.36	0.32			42	1	20 A	EXTERIOR LIG	HTS	
	Т	otal	Load:		9 kVA	19.							
	То	otal A	Amps:	18	57 A	159.0	02 A						
oad Classification		0	Conn. I	oad	Deman	d Factor	Code	Dema	and		Panel	Totals	Load Classification
Dther			16.14	кVА	100.	.00%	16.	14 kVA	۹	C	onnected Load:	41.57 kVA	Other
Lighting			1.85 k	VA	125.	.00%	2.3	31 kVA		Co	nnected Amps:	173.2 A	Lighting
Receptacles			23.58	кVА	71.	20%	16.	79 kVA	۹	Cod	e Demand Est	35.24 kVA	Receptacles
										Cod	e Demand Est	146.83 A	
lotes:							-					1	Notes:

{1} REPLACE (2) 20A/1P WITH (1) 40A/2P

FEEDER SCH

FEEDER SCHEDULE GENERAL NOTES

- 2. ALUMINUM FEEDER SIZES SHOWN IN THIS SCHEDULE ARE BASED ON CONDUCTORS WITH XHHW-2 INSULATION IN EMT CONDUIT.
- 3. FEEDER SIZES SHOWN IN THIS SCHEDULE ARE BASED ON AN AMBIENT TEMPERATURE OF 30 DEGREES C (86 DEGREES F).
- 4. FEEDERS CONSISTING OF MULTIPLE SETS OF CONDUCTORS AND CONDUITS ARE TO BE PROVIDED WITH THE INDICATED SIZE GROUND CONDUCTOR IN EACH CONDUIT.
- 5. PER CEC ARTICLE 110.14, ALL FEEDERS SIZED AT #2 AWG OR LESS ARE CALCULATED PER 60 DEGREE TABLE. FEEDERS GREATER THAN #2 AWG ARE RATED 75 DEGREE.

FEEDER SCHEDULE REMARKS

- A. OVERSIZED 150% NEUTRAL, SUITABLE FOR SERVICE FROM K-13 RATED TRANSFORMERS. B. FEEDER APPROVED FOR USE WITH SEPARATELY DERIVED SYSTEM; GROUNDING AS REQUIRED BY CEC ARTICLES 240 AND 250.
- C. FEEDER GROUND AND BONDING JUMPER SHALL HAVE AN AREA NOT LESS THAN 12.5% OF THE AREA OF THE LARGEST PHASE CONDUCTOR. D. INCREASE CONDUIT TO THE NEXT LARGER TRADE SIZE WHEN USING SCHEDULE 40 OR 80 PVC CONDUIT.
- E. PER CEC SECTION 240.4(B), FOR OVERCURRENT DEVICES RATED 800A OR LESS, THE NEXT HIGHER STANDARD OVERCURRENT DEVICE RATING (ABOVE THE AMPACITY OF THE CONDUCTORS) CAN BE USED. RULE CAN NOT BE APPLIED IF 100% RATED BREAKERS ARE USED.
- F. PER CEC 240.21(C), THE PROVISIONS OF 240.4(B) SHALL NOT BE PERMITTED FOR TRANSFORMER SECONDARY CONDUCTORS.

	():	()			1		
FEEDER	FEEDER		CONDUCT	ORS	SEPARATELY SYST	REMARKS	
TAG	TAG DESCRIPTION CONDUIT		PHASE/NEUTRAL	GROUND	GROUNDING ELECTRODE	NDING BONDING	
1003	95 AMP, 3 WIRE	1-1.25"	3 #2 CU	1 #8 CU	-	-	D,E
2253	230 AMP, 3 WIRE	1-2.50"	3 #4/0 CU	1 #4 CU	-	-	-
2503	255 AMP, 3 WIRE	1-2.00"	3 #250 KCMIL CU	1 #4 CU	-	-	-
4003	380 AMP, 3 WIRE	1-3.00"	3 #500 KCMIL CU	1 #2 CU	-	-	D,E

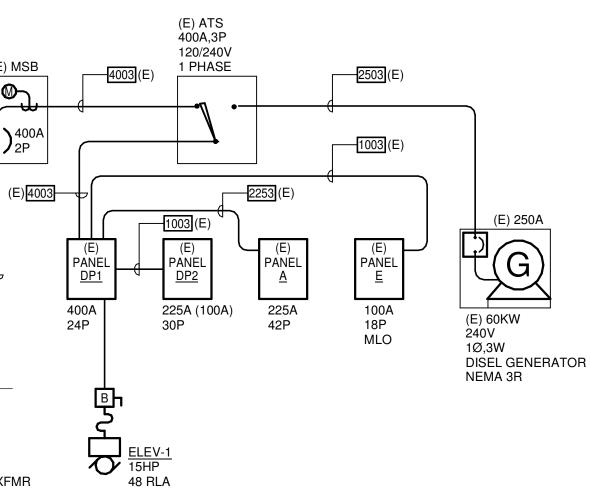
LUMINAIRE SCHEDULE NOTES: REFER TO SPECIFICATION "265000 LIGHTING" FOR DETAILS ON TIER REQUIREMENTS. IN ABSENCE OF SPECIFICATION SECTION, REFER TO THE FOLLOWING TIER DEFINITIONS:

TIER 1 (LEGACY CRI 90): FOR APPLICATIONS WHERE COLOR FIDELITY IS CRITICAL, SUCH AS MUSEUMS, GALLERIES, HIGH-END RESIDENTIAL, ETC. R9 VALUE; MINIMUM 80. TM30 VALUES; Rf>85, 95>Rg>105.

TIER 2 (LEGACY CRI 80): FOR APPLICATIONS WHERE COLOR FIDELITY IS IMPORTANT, SUCH AS OFFICES, SCHOOLS, GENERAL INTERIOR AREAS, ETC. R9 VALUE; MINIMUM 30. TM30 VALUES; Rf >75, 92>Rg>110.

TIED 3 (LEGACY ON 70), FOR ADDITIONS WHERE ON OR FIRELITY IS NOT ODITION. SUCH AS EXTERIOR RADKING AND ADEA LIGHTING, WAREHOUSES, ETC.

ΓΥΡΕ	UE; MINIMUM 20. TM30 VALUES; Rf >70, 80>Rg>120.	DESCRIPTION	LIGHT SOURCE	TIER	DRIVER, TRANSFORMER	WATTAGE	VOLTAC
F1	NULITE BOUNCE SERIES	RECESSED MODULAR 2X2 LUMINAIRE, SKYLIGHT FORMAT WITH REGRESSED PANEL.	LED 2000 NOMINAL INITIAL LUMENS 3000K	1	INTEGRAL DIMMING DRIVER, 100%-10% RANGE	19 W	120 V
F1A	NULITE BOUNCE SERIES	SIMILAR TO TYPE 'F1' EXCEPT WITH INCREASED LUMEN OUTPUT	LED 3500 NOMINAL INITIAL LUMENS 3000K	1	INTEGRAL DIMMING DRIVER, 100%-10% RANGE	36 W	120 V
F2	a.LIGHT D5 SERIES	RECESSED LINEAR LUMINAIRE, 4 INCHES WIDE, 48 INCH LENGTH. FLUSH OPAL LENS.	LED 3600 NOMINAL INITIAL LUMENS 3000K	1	INTEGRAL DIMMING DRIVER, 100%-10% RANGE	32 W	120 V
F3	SIGNIFY FLUXSTREAM SERIES	FOUR FOOT LENSED STRIP, NOMINAL 4 FOOT LENGTH.	LED 3000 NOMINAL INITIAL LUMENS 3000K	2	INTEGRAL NON-DIM DRIVER	25 W	120 V
-3E	SIGNIFY FLUXSTREAM SERIES	SIMILAR TO TYPE 'F3' EXCEPT WITH EMERGENCY BATTERY PACK.	LED 3000 NOMINAL INITIAL LUMENS 3000K	2	INTEGRAL NON-DIM DRIVER	25 W	120 V
F4	WAC #180137-30-(FINISH)	DECORATIVE VANITY LUMINAIRE	LED 2150 NOMINAL INITIAL LUMENS 3000K	1	-	28 W	120 V
F5	DMF DRD+ONE FRAME SERIES	RECESSED 4 INCH DIAMETER DOWNLIGHT WITH REGRESSED LENS. WHITE CONE FINISH. WARM DIM MODULE.	LED 750 NOMINAL INITIAL LUMENS 3000K-1800K RANGE	1	INTEGRAL DIMMING DRIVER, 100%-1% RANGE	10 W	120 V
F5A	DMF DRD+ONE FRAME SERIES	SIMILAR TO TYPE 'F5' EXCEPT WITHOUT WARM DIMMING.	LED 750 NOMINAL INITIAL LUMENS 3000K	1	INTEGRAL DIMMING DRIVER, 100%-1% RANGE	10 W	120 V
F5B	DMF DRD+ONE FRAME SERIES	SIMILAR TO TYPE 'F5' EXCEPT WITHOUT WARM DIMMING, INCREASED LUMEN PACKAGE	LED 1250 NOMINAL INITIAL LUMENS 3000K	1	INTEGRAL DIMMING DRIVER, 100%-1% RANGE	14 W	120 V
F6	WAC GRISHAM #BL-25214-(FINISH)	WALL MOUNTED READING LIGHT WITH FLEXIBLE ARM.	LED 344 NOMINAL INITIAL LUMENS 3000K		INTEGRAL NON-DIM DRIVER	8 W	120 V
F7	WAC #BA-AC24-CS-WT	LED UNDERCABINET STRIP LIGHT 24"	LED 910 NOMINAL INITIAL LUMENS 2700/3000/3500K	2	REMOTE NON-DIMMING TRANSFORMER	10 W	120 V
7A	TBD	LED COVE LIGHT	-	-		10 W	120 V
F8	H.E.WILLIAMS EGL2 SERIES	SURFACE MOUNTED WIDE BODY ENCLOSED AND GASKETED LUMINAIRE. INTEGRAL MOTION SENSOR.	10000 NOMINAL INITIAL LUMENS 4000K	2	INTEGRAL DIMMING DRIVER, 100%-10% RANGE	73 W	120 V
F8A	H.E.WILLIAMS 96 SERIES	SIMILAR TO TYPE 'F8' EXCEPT NARROW BODY, REDUCED LUMEN PACKAGE	4000 NOMINAL INITIAL LUMENS 4000K	2	NON-DIM DRIVER	30 W	120 V
F9	KENALL HASESI SERIES	SURFACE MOUNTED 1 X 4 LENSED LUMINAIRE	11200 NOMINAL INITIAL LUMENS 4000K	2	DIMMING DRIVER, 100%-10% RANGE	72 W	120 V
F10	SIGNIFY LIGHTOLIER #S7R-9-30K-10 (FINISH) -Z10U	7 INCH DIAMETER SURFACE DOWNLIGHT / WALLMOUNT. J-BOX MOUNTED.	LED 1000 NOMINAL INITIAL LUMENS 3000K	2	INTEGRAL DIMMING DRIVER, 100%-10% RANGE	15 W	120 V
		WALL MOUNTED LINEAR DIRECT / INDIRECT LUMINAIRE,	LED 12700 NOMINAL	2	DIMMING	120 W	120 V
F11	A.LIGHT ALD2ST SERIES	NOMINAL 4 INCH SQUARE, 6 FOOT LENGTH. ASYMMETRIC UPLIGHT AND DOWNLIGHT DISTRIBUTION. SEPARATE SWITCHING. STANDARD COLOR AS SELECTED BY ARCHITECT.	INITIAL LUMENS 3000K		DRIVER, 100%-10% RANGE		
F12	LIGHTOLIER	ASYMMETRIC UPLIGHT AND DOWNLIGHT DISTRIBUTION. SEPARATE SWITCHING. STANDARD COLOR AS SELECTED BY ARCHITECT. PENDANT OR WALL MOUNTED EXIT SIGN WITH DIRECTIONAL ARROWS PER PLANS	INITIAL LUMENS 3000K -	-	100%-10% RANGE -		120 V
		ASYMMETRIC UPLIGHT AND DOWNLIGHT DISTRIBUTION. SEPARATE SWITCHING. STANDARD COLOR AS SELECTED BY ARCHITECT. PENDANT OR WALL MOUNTED EXIT SIGN WITH	INITIAL LUMENS 3000K -	-	100%-10% RANGE - INTEGRAL NON-DIM DRIVER	40 W	120 V 120 V 120 V



SINGLE LINE DIAGRAM

SCALE:NONE

		Serv	ed Fro	m DP1		Ph	ases	1	A.I.0	C. Rating: 10kAl	C Bus Rating	100 /
			Volt	s: 120/2	40	Wires 3			Main Type: MLO Main Rating:			
Amp	Ρ	#		Α	В		#	Ρ	Amp	Lc	ad Served	
20 A	1	1	1.10	0.00			2	1	20 A	SPARE		
20 A	1	3			1.10	0.00	4	1	20 A	SPARE		
20 A	1	5	1.10	0.00			6	1	20 A	SPARE		
20 A	1	7			0.00	0.00	8	1	20 A	SPARE		
20 A	1	9	0.67	0.93			10	1	20 A	LIGHTING 1ST	FLOOR	
20 A	1	11			0.00	1.50	12	1	20 A	FA PANEL		
20 A	1	13	0.00	0.36			14	1	20 A	ELEC RM. CON	V. REC.	
20 A	1	15			0.00	0.40	16	2	20 A	EF-1		
 20 A	1	17	0.00	0.40			18			WITH RELAY		
		19					20					
		21					22					
		23					24					
		25 27					26 28					
		27 29					28 30					
		29 31					30					
		33					34					
		35					36					
		37					38					
		39					40					
		41					42					
 T	otal I	Load:	4.56	s kVA	3.0	0						
		mps:		3 A	25							
 		onn. L	oad	Deman	d Factor	Code	Dema	Ind		Panel	Totals	
		5.6 k\	/A	100.	00%	5.6	6 kVA		С	onnected Load:	7.56 kVA	
		1.6 k\	/A	125.	00%	2.0	1 kVA		Co	onnected Amps:	31.52 A	
		0.36 k	VA	100.	00%	0.3	6 kVA			e Demand Est		
									Cod	e Demand Est	33.19 A	

Η	E	D	U	L	Ε

- 1. COPPER FEEDER SIZES SHOWN IN THIS SCHEDULE ARE BASED ON CONDUCTORS WITH THHN/THWN-2 INSULATION IN EMT CONDUIT.

LUMINAIRE SCHEDULE

	The									
	Engineering Enierprise									
	DNSULTING ENGINEERS ALAMEDA AUBURN N DIEGO SANTA BARBARA									
TEE Project	https://www.engent.com No.: 21186									
STAMP										
	ED PROFESSIONAL									
PROFESSIONAL SEL OPHUL T. MILLER OF										
REC	No. E014866									
	STATE OF CALIFORNIE									
	OF CALIFO									
PROJECT ADDRE	SS									
	LINGTON AVE.	77								
VENOIN	IGTON, CA, 9470	J7								
PROJECT TEAM	KENSINGTON FIRE									
OLIENT.	PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707									
	CONTACT: BILL HANSELL T: (415) 378-9064									
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101									
	SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600									
STRUCTURAL	ZFA STRUCTURAL ENGINEEF 1390 EL CAMINO REAL STE 10									
	SAN CARLOS, CA 94070 CONTACT: MATT FRANZ T: (650) 394-8869									
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST	F 400								
	WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200									
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300									
	OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS									
MEP:	T: (510) 879-4544 LIST ENGINEERING CO.									
	2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390									
AUDIO/VISUAL	: SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103	С.								
	CONTACT: PETER MCDONAL T: (415) 255-9140	D								
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110									
	CONTACT: HENRY TOORYAN T: (415) 826-9626	I								
IO. ISSUED FOR	DESCRIPTION R BUILDING PERMIT	DATE 04/01/2022								
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	IEDULE AND NGLE LINE	ן ע								
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TATE OF CALIFORNIA									
Electrical Power Distribu	tion							(m)	
IRCC-ELC-E (Created 01/20)							CAL	IFORNIA ENERGY COMMISSION	
CERTIFICATE OF COMPLIANCE								NRCC-ELC-	
his document is used to demonstru	ate compliance with man	datory requirement	s in <u>§130.</u>	<u>5</u> for elea	ctrical system	is in newly cons	tructed nonresider	ntial, high-rise residential and	
otel/motel occupancies. Additions	s and alterations to elect	rical service systems	in these of	occupand	cies will also u	ise this docume	nt to demonstrate	compliance per <u>§141.0(a)</u> or	
<u>141.0(b)2P</u> for alterations.									
roject Name: Kensington Fire S					Report Pag			Page 1 of	
roject Address: 217 Arlington Ave	e Kensington, CA				Date Prepa	red:		3/31/202	
A. GENERAL INFORMATION								2	
01 Project Location (city)		Kensington		02 Occ	cupancy Type	s Within Projec	t:		
Office F	Retail	Warehouse		el/ Motel	Sch		Support Areas		
Parking Garage	ligh-Rise Residential	Relocatable	Heal	Ithcare Facilities Other (Write In): Fire Station					
3. PROJECT SCOPE								?	
able Instructions: Include any elec	trical service systems tha	t are within the sco	pe of the p	permit ap	oplication.				
01	02		03		04	05		06	
							Dema	nd Response Controls	
Electrical Service Designation/ Description	Scope of \	Nork ¹	Ratir (kV/	A) [Utility Provided Metering System Exception to §130.5(a) ²	System subject to CA Elec Code Article 517 Exception to §130.5(a)&(b)	be specified whic automatically res standards based i enables demand demand response and <u>§130.3</u> and c	demand response controls must h are capable of receiving and ponding to at least one messaging protocol which response after receiving a e signal. Sections <u>§120.2</u> , <u>§130.1</u> ompliance documents NRCC- nd NRCC-LTS will indicate when	
Existing 400A 120/240V 1phase	Add/Alt to feeders and only	l branch circuits			\checkmark	\checkmark	demand response	e controls are required.	

C. COMPLIANCE RESULTS											
Table Instructions: If this table says "DOES NOT COMPLY" refer to Table D. for guidance and review the Table that indicates "No".											
01		02		03		04	05				
Service Electrical Metering <u>§130.5(a)</u>	AND	Separation for Monitoring <u>§130.5(b)</u>	AND	Voltage Drop <u>§130.5(c)</u>	AND	Controlled Receptacles <u>§130.5(d)</u>	Compliance Results				
(See Table F)		(See Table G)		(See Table H)	1	(See Table I)					
	AND		AND	Yes	AND		COMPLIES with Exceptional Conditions				

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

STATE OF CALIFORNIA Electrical Power Distribu	ution			
NRCC-ELC-E (Created 01/20)			CALIFORNIA ENERGY C	
CERTIFICATE OF COMPLIANCE	0. 11 Mar			NRCC-ELC-
Project Name: Kensington Fire		Report Page:		Page 2 of
Project Address: 217 Arlington Av	e Kensington, CA	Date Prepared:		3/31/202
D. EXCEPTIONAL CONDITIONS				?
This table is auto-filled with unedi	table comments because of selections made or data en	tered in tables throughout the form	1.	
indicates instantaneous kW dema Table B indicates the project is ex- is subject to CA Elec Code Article S	empt from §130.5(a) Service Electrical Metering require nd and kWh for a utility-definied period. empt from §130.5(a) Service Electrical Metering require 517. Iculations will be provided by the contractor.			
E. ADDITIONAL REMARKS				?
This table includes remarks made	by the permit applicant to the Authority Having Jurisdic	ction.		
Fire station is an essential services	; facility.			
F. SERVICE ELECTRICAL METER	ING			?
This Section Does Not Apply				
G. SEPARATION OF ELECTRICA	L CIRCUITS FOR ENERGY MONITORING			?
This Section Does Not Apply				-
H. VOLTAGE DROP				?
Table Instructions: Please comple	te this table for entirely new or complete replacement e			replace both
feeders and branch circuits to den	nonstrate compliance with <u>§130.5(c)</u> . For alterations, o	only the altered circuits must demor		<u>i</u>
01	02	03	04	05
Electrical Service Designation/ Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations ¹	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector Pass Fail

NOTES If "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below. ¹ FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

Contractor Responsible

January 2020

Permitted by CA Elec

Code (Exception to §130.5(c))*

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

Existing 400A 120/240V 1phase 🖌 Voltage drop < 5%

January 2020

STATE OF CALIFORNIA **Electrical Power Distribution** NRCC-ELC-E (Created 01/20) CERTIFICATE OF COMPLIANCE Project Name: Kensington Fire Station Project Address: 217 Arlington Ave Kensington, CA I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES This Section Does Not Apply J. DECLARATION OF REQUIRED CERTIFICATES OF I Table Instructions: Selections have been made based or Table E. Additional Remarks. These documents must be p title24/2019standards/2019_compliance_documents/N YES NO O NRCI-ELC-01-E - Must be submi K. DECLARATION OF REQUIRED CERTIFICATES OF

STATE OF CALIFORNIA **Electrical Power Distribution** NRCC-ELC-E (Created 01/20) CERTIFICATE OF COMPLIANCE NRCC-ELC-I Project Name: Kensington Fire Station Report Page: Page 4 of 4 Project Address: 217 Arlington Ave Kensington, CA Date Prepared: 3/31/2022 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accurate and complete. Parties Documentation Author Name: Paul Miller Documentation Author Signature: The Engineering Enterprise Signature Date: March 31, 2022 Company: 1305 Marina Village Parkway CEA/ HERS Certification Identification (if applicable): Address: City/State/Zip: Alameda CA 94501 (510) 263-1522 Phone: RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Paul Miller	Responsible Designer Signature:	Palties
Company :	The Engineering Enterprise	Date Signed:	March 31, 2022
Address:	1305 Marina Village Parkway	License:	E14866
City/State/Zip:	Alameda CA 94501	Phone:	(510) 263-1522

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <u>http://www.energy.ca.gov/title24/2019standards</u>

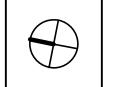
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		Distribution			NERGY COMMI	
· · ·	. ,	LIANCE				NRCC-ELC
Project Nam	trical Power Distribution LC-E (Created 01/20) FICATE OF COMPLIANCE tt Name: Kensington Fire Station tt Address: 217 Arlington Ave Kensington, CA CUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLL Section Does Not Apply CLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Instructions: Selections have been made based on information provide E. Additional Remarks. These documents must be provided to the buil 4/2019standards/2019_compliance_documents/Nonresidential_Docu ES NO NO		Report Page:			
Project Addr	ress: 217 A	Arlington Ave Kensington, CA		Date Prepared:		3/31/20
I. CIRCUIT	CONTROL	S FOR 120-VOLT RECEPTACLES AND CONTROLLE	ED RECEPTACLES			ſ

J. DECLARA	ATION OF	REQUIRED CERTIFICATES OF INSTALLATION				
Table E. Add	ditional Rer	narks. These documents must be provided to the buil	lding inspector during co		nergy.ca.gov	IZ
YES	NO		Form/Title		Field In Pass	nspector Fail
۲	0	NRCI-ELC-01-E - Must be submitted for all buildings	s.			
K. DECLAR	ATION OF	REQUIRED CERTIFICATES OF ACCEPTANCE				
There are no	o Certificat	es of Acceptance applicable to electrical power distrib	oution requirements.			

	CONSULTING ENGINEERS ALAMEDA AUBURN SAN DIEGO SANTA BARBARA https://www.engent.com								
	TEE Project	No.: 21186							
ST	AMP	RED PROFESS/OVAL PHUL T. M/L FS No. E014866 Exp. 06/30/19 STACTR 1000							
2		INGTON AVE. GTON, CA, 9470	07						
	ECT TEAM .IENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064							
AF	CHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600							
ST	RUCTURAL:	ZFA STRUCTURAL ENGINEER 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANZ T: (650) 394-8869							
Cl	VIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400						
GE	EOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544							
M	EP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390							
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January 2020

January 2020





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paces must not	Complete Building	Area Category	Additional	Tailored §140.6(c)3	=	Total Allo	wod	≥	Total Designed	PAF Conti Credits	ol _	Total A (Wa	-	05 M	1ust be≥08
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<u>§140.6(b)1</u> .			(+)							(-)		Adjust	ments		
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CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

January 2020

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Building is an essential services facility

STATE OF CALIFORNIA		
Indoor Lighting		State Stat
NRCC-LTI-E (Created 01/20)		CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Kensington Fire Station	Report Page:	Page 2 of 7
Project Address: 217 Arlington Ave Kensington, CA	Date Prepared:	3/31/2022
	·	
Control	s Compliance (See Table H for Details)	DOES NOT COMPLY
Rated Power Reduction	n Compliance (See Table Q for Details)	Not Applicable
D. EXCEPTIONAL CONDITIONS		2
This table is auto-filled with uneditable comments because of selections made or data entered in	tables throughout the form.	
No exceptional conditions apply to this project.		
E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.		?

	R LIGHTING FIXTURE SCHEDULE	11: 1									
	uctions: Include all permanent desig	ned lighting and	l all portable light	ing in offices.							
-	Vattage: Conditioned Spaces										
01	02	03	04	05	06	07	08	09	1	0	
Name or Item Tag	Complete Luminaire Description	Modular	Small Aperture & Color Change ¹	Watts per Iuminaire ²	How Wattage is determined	Total number luminaires	Exempt per <u>§140.6(a)3</u>	Design Watts		Field Inspect	
item rag		(TTACK) FIXTURE	& color change	luminare	determined	luminares	<u>9140.0(a)5</u>		Pass	Fa	
F1	Recessed 2x2 LED			19	Mfr. Spec ²	19		361		[
F2	Recessed down light LED			32	Mfr. Spec ²	9		288		[
F3	4' strip LED			25	Mfr. Spec ²	7		175		[
F3E	4' strip LED battery backup			25	Mfr. Spec ²	3		75		[
F4	Vanity LED			28	Mfr. Spec ²	1		28		[
								0		[
F5A	Recessed LED down light			10	Mfr. Spec ²	21		210		[
F5B	Recessed LED down light			14	Mfr. Spec ²	8		112		[
F7	LED undercabinet light			10	Mfr. Spec ²	6		60		[
F7A	LED cove light			10	Mfr. Spec ²	35		350		[
F8	LED strip			73	Mfr. Spec ²	4		292		[
F9	1x4 surface LED			72	Mfr. Spec ²	15		1,080			
								0			

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards	

STATE OF CALI	ORNIA			
Indoor L				and the second
NRCC-LTI-E (Cr			ENERGY COMMI	
CERTIFICAT				NRCC-LT
Project Nam		ngton Fire Station Report Page:		Page 5 o
Project Add	ress: 217 A	rlington Ave Kensington, CA Date Prepared:		3/31/20
O. ADDITI	ONAL LIGH	ITING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE		6
This Section	Does Not A	hpply		
P POWFR	ADILISTM	ENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))		[
This Section				
Q. RATED	POWER RE	DUCTION COMPLIANCE FOR ALTERATIONS		(
This Section	Does Not A	lpply		
D 90% LIC		WER FOR ALTERATIONS - CONTROLS EXCEPTIONS		C
This Section				<u></u>
This Section	DUES NUL A			
S. DAYLIGI	HT DESIGN	POWER ADJUSTMENT FACTOR (PAF)		[
This Section	Does Not A	pply		
				e
		REQUIRED CERTIFICATES OF INSTALLATION		
		ctions have been made based on information provided in previous tables of this document. If any selection needs to be changed,		
		narks. These documents must be provided to the building inspector during construction and can be found online at <u>https://ww2.e</u> 2019 compliance documents/Nonresidential Documents/NRCI/	nergy.ca.gov/	1
1111224/2015	<u>istanaaras/</u>	2019_compliance_aocuments/Nonresidential_Documents/NRCI/_		
YES	NO	Form/Title	Field In	spector
. ===			Pass	Fail
۲	0	NRCI-LTI-01-E - Must be submitted for all buildings		
0	۲	NRCI-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.		

	recognized for compliance.	
	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	
۲	NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	
۲	NRCI-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

January 2020

January 2020

STATE OF CALIFORNIA Indoor Lighting NRCC-LTI-E (Created 01/20)						CA	ALIFORNIA ENERGY C	OMMISSIO	N (1997)
CERTIFICATE OF COMPLIANCE								NR	RCC-LTI-E
Project Name: Kensington Fire Station				Report Page:				Pa	ge 3 of 7
Project Address: 217 Arlington Ave Kensington	n, CA			Date Prepared	d:			3/	/31/2022
	1	1		· · · · · · · · · · · · · · · · · · ·		1	1		
01 02	03	04	05	06	07	08	09	1	.0
Name or Complete Luminaire Description	Modular	Small Aperture	Watts per	How Wattage is	Total number	Exempt per	Design Watts	Field In	spector
Item Tag	(Track) Fixture	& Color Change ¹	luminaire ²	determined	luminaires	<u>§140.6(a)3</u>		Pass	Fail
F11 Wall mounted linear LED			120	Mfr. Spec ²	2		240		
							0		
				Total Designed	d Watts CONDIT	IONED SPACES:	3,271		

makes this adjustment, the permit applicant should enter full rated wattage in column 05. luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS This Section Does Not Apply

H. INDOOR LIGHTIN	G CONTROLS (Not Including PAFs)								?
	ase include lighting controls for conditione lighting controls section of the Compl							ion of this	table
Building Level Control	s								
01					02			03	ł
Mandatory Demand Response				Shut-0	Off Controls			Field Inspector	
<u>§110.12(c)</u>			<u>§130.1(c)</u>					Pass	Fail
	Not Required ≤ 10,000 SF		See Area/Space Level Controls						
Area Level Controls							•		
04	05	06	07	08	09	10	11	:	12
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls	Shut-Off Controls	Primary/Skylit Daylighting	Secondary Daylighting	Interlocke Systems	Field Ir	nspector
	i i i i i i i i i i i i i i i i i i i	3100.1(0)	<u>§130.1(b)</u>	<u>§130.1(c)</u>	<u>§130.1(d)</u>	<u>§140.6(d)</u>	<u>§140.6(a)</u>	Pass	Fail
	All Other Building	Manual ON/ OFF	Dimmer	Occ. Sensor	NA: ≤ 80% LP (alt only)	NA			

STATE OF CALIFORNIA Indoor Lighting NRCC-LTI-E (Created 01/20 CERTIFICATE OF COMPLIANCE

roject Name:	Kensington Fire Station
roject Address:	217 Arlington Ave Kensington, CA

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

U. DECLAR	ATION OF	REQUIRED CERTIFICATES OF
Table E. Add	litional Rem	ctions have been made based on narks. These documents must be cian Certification Provider (ATTC
YES	NO	
۲	0	NRCA-LTI-02-A - Must be subm
0	۲	NRCA-LTI-03-A - Must be subm
0	۲	NRCA-LTI-04-A - Must be subm
0	۲	NRCA-LTI-05-A - Must be subm

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

STATE OF CALIFORNIA Indoor Lighting

NRCC-LTI-E (Created 01/20)			CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE			NRCC-LTI-E
Project Name: Kensington F	ire Station	Report Page:	Page 7 of 7
Project Address: 217 Arlingtor	n Ave Kensington, CA	Date Prepared:	3/31/2022
DOCUMENTATION AUTHOR	R'S DECLARATION STATEMENT		2
I certify that this Certificate of	Compliance documentation is accurate and complete		
Documentation Author Name:	Paul Miller	Documentation Author Signature:	Pactine
Company:	The Engineering Enterprise	Signature Date:	March 31, 2022
Address:	1305 Marina Village Parkway	CEA/ HERS Certification Identification	(if applicable):
City/State/Zip:	Alameda CA 94501	Phone:	(510) 263-1522
Compliance (responsible de 3. The energy features and per Certificate of Compliance of 4. The building design feature compliance documents, wo 5. I will ensure that a complet to the enforcement agency	3 of the Business and Professions Code to accept responsing esigner) rformance specifications, materials, components, and monform to the requirements of Title 24, Part 1 and Part 6 s or system design features identified on this Certificate rksheets, calculations, plans and specifications submitted ed signed copy of this Certificate of Compliance shall be for all applicable inspections. I understand that a compli provides to the building owner at occupancy.	nanufactured devices for the building of the California Code of Regulations of Compliance are consistent with the ed to the enforcement agency for appr made available with the building per	design or system design identified on this e information provided on other applicable roval with this building permit application. mit(s) issued for the building, and made available
Responsible Designer Name:	Paul Miller	Responsible Designer Signature:	Parties
Company :	The Engineering Enterprise	Date Signed:	March 31, 2022
Address:	1305 Marina Village Parkway	License:	E14866
City/State/Zip:	Alameda CA 94501	Phone:	(510) 263-1522

	ALAMEDA AUBURN GAN DIEGO SANTA BARBARA https://www.engent.com ct No.: 21186	
STAMP	No. E014866 Exp. 06/30/19	7
	ESS RLINGTON AVE NGTON, CA, 94	
PROJECT TEAM CLIENT:		
ARCHITECT:	MARJANG ARCHITECTUI 930 COLE STREET STE 1 SAN FRANCISCO, CA. 94 CONTACT: KAREN MAR T. (415) 522-0600	01
STRUCTURA	L: ZFA STRUCTURAL ENGIN 1390 EL CAMINO REAL S SAN CARLOS, CA 94070 CONTACT: MATT FRANZ T: (650) 394-8869	
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLV WALNUT CREEK, CA 945 CONTACT: ERIC SWANS T: (925) 940-2200	96
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE E T: (510) 879-4544	ELLIS
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
AUDIO/VISUA	L: SMITH FAUSE MCDONAL 351 8TH STREET SAN FRANCISCO, CA 941 CONTACT: PETER MCDC T: (415) 255-9140	03
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #2 SAN FRANCISCO, CA 941 CONTACT: HENRY TOOF T: (415) 826-9626	10
NO. ISSUED FO	DESCRIPTION DR BUILDING PERMIT	DATE 04/01/202
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	LE 24 FORI	MS

¹ FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per <u>§140.6(a)4B</u> is adjusted to be 75% of their rated wattage. Table F automatically ² Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per <u>§130.0(c)</u> Wattage used must be the maximum rated for the

STATE OF CALIF	FORNIA				
Indoor L	ighting				(m)
NRCC-LTI-E (Cre	eated 01/20)		CALIFORNIA E	NERGY COMMIS	ssion 🍋
CERTIFICAT	E OF COMPL	ANCE			NRCC-LTI-E
Project Nam	ne: Kensir	gton Fire Station Re	eport Page:		Page 6 of 7
Project Add	ress: 217 A	lington Ave Kensington, CA Da	ate Prepared:		3/31/2022
U. DECLAR	ATION OF	REQUIRED CERTIFICATES OF ACCEPTANCE			2
Table E. Add	ditional Rem	tions have been made based on information provided in previous tables of that states of that states arks. These documents must be provided to the building inspector during cor ian Certification Provider (ATTCP). For more information visit: <u>http://www.e</u>	nstruction and any with "-A" in the form name must b		
YES	NO	Form/Title		Field In:	spector
				Pass	Fail
۲	0	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic t	time switch controls.		
0	۲	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.			
0	۲	NRCA-LTI-04-A - Must be submitted for demand responsive lighting control	ls.		
0	۲	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustme	ent factor (PAF).		
0	۲	NRCA-ENV-03-F - Must be submitted for daylighting design power adjustme	ent factors (PAF).		

January 2020

January 2020

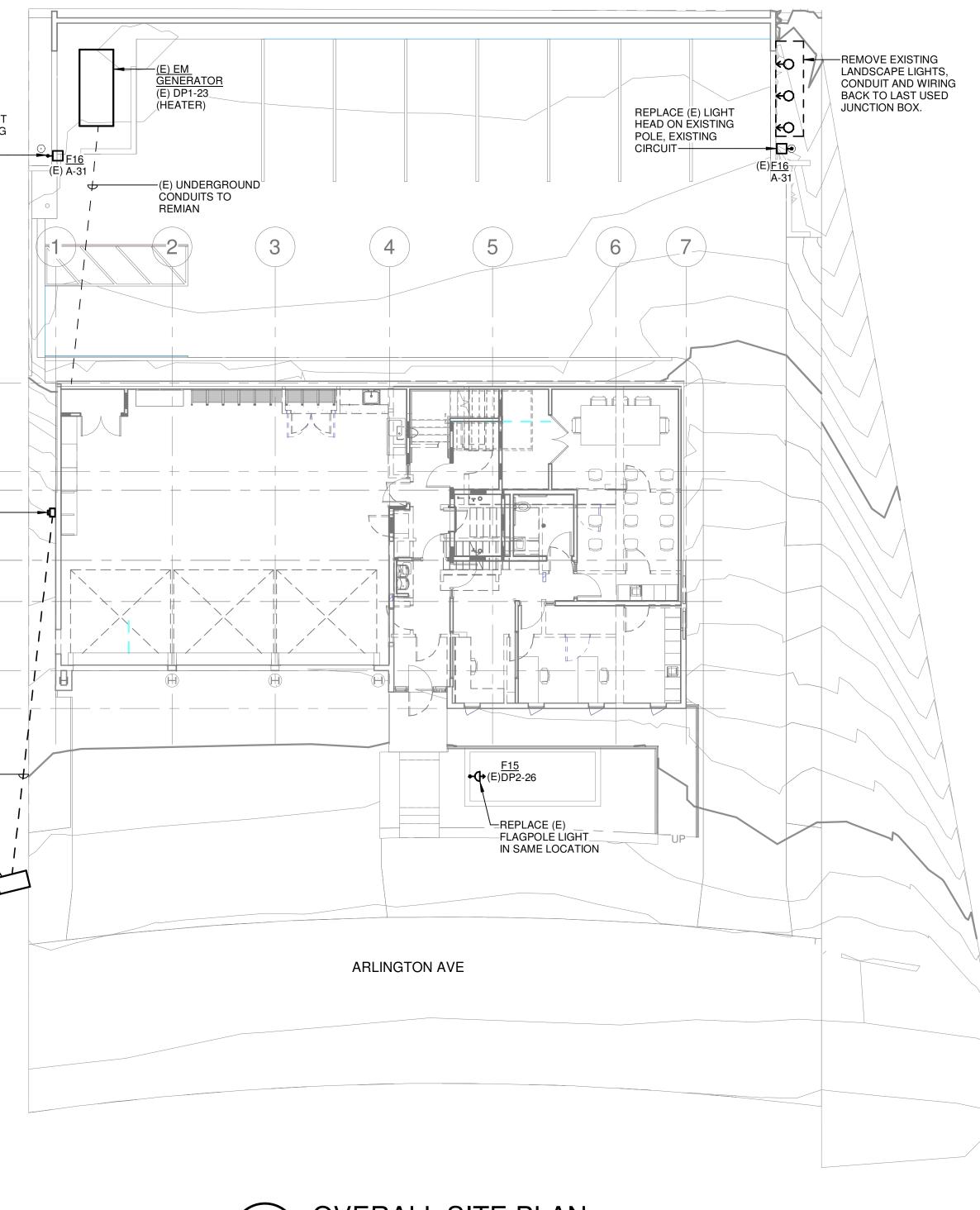
			CALIFORNIA ENERGY COMMIS	
				NRCC-LTI-E
		Report Page:		Page 7 of 7
		Date Prepared:		3/31/2022
TEMENT				?
tion is accurate and complete				
Paul Miller	Docume	ntation Author Signature:	Partines	
terprise	Signatur	e Date:	March 31, 2022	
Parkway	CEA/ HE	RS Certification Identification (if a	applicable):	
94501	Phone:	(5	510) 263-1522	

January 2020

REPLACE (E) LIGHT HEAD ON EXISTING POLE, EXISTING CIRCUIT

A (E) UTILITY METER/MAIN ON EXTERIOR B.6 B.8 D E (E) UTILITY UNDERGROUND FEEDER

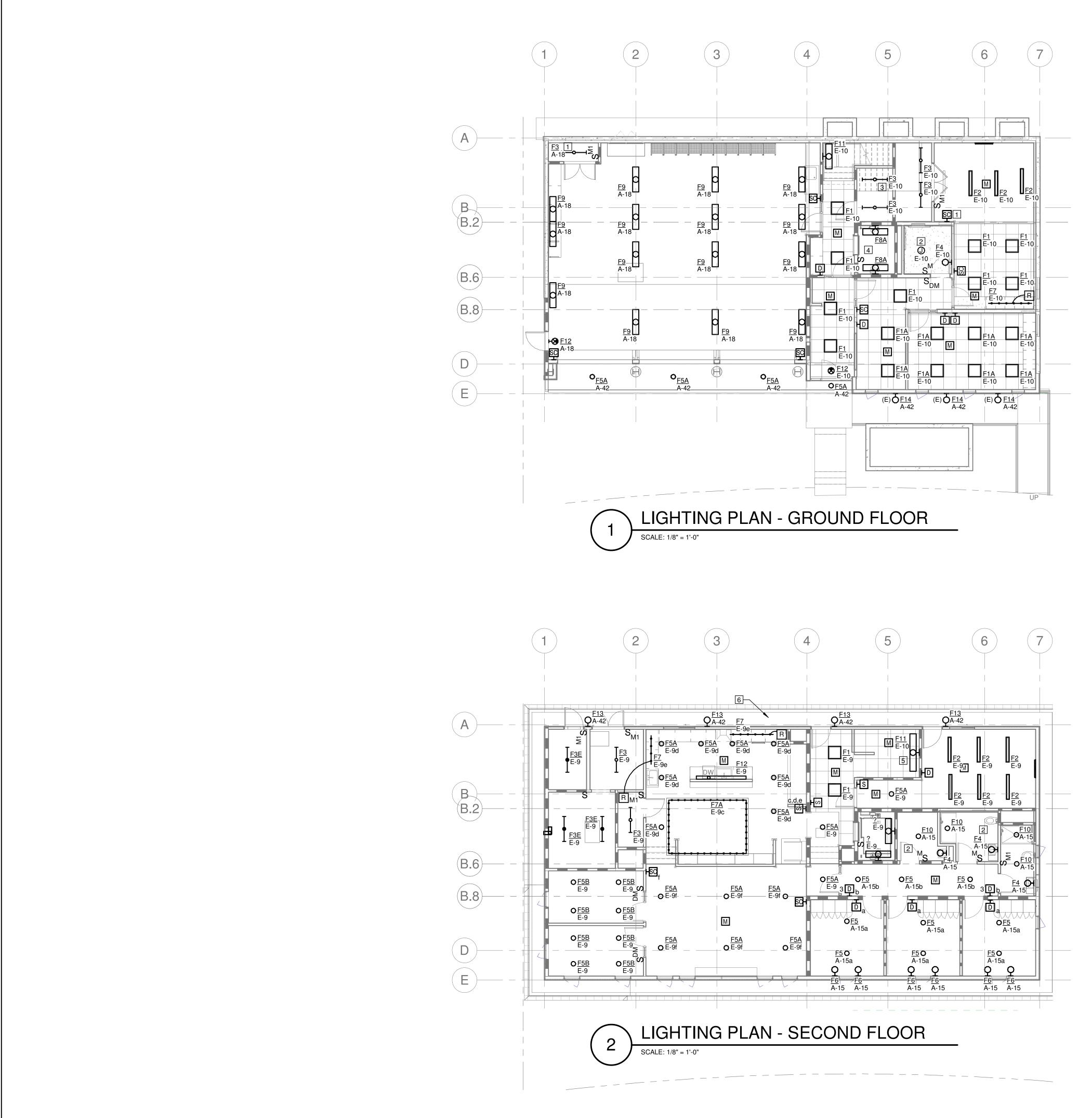
(E) UTILITY UNDERGROUND PULLBOX



1) OVERALL SITE PLAN SCALE: 1" = 10'-0"

Engineering Enterprise consulting engineers						
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,	RED PROFESSIONAL RED VIL T. MILLER FIG					
	No. E014866					
	Exp. 06/30/19					
- 7	OF CALIFORNIE	,				
	LINGTON AVE. NGTON, CA, 947	707				
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064					
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	,				
STRUCTURAL	.: ZFA STRUCTURAL ENGINE 1390 EL CAMINO REAL STE SAN CARLOS, CA 94070 CONTACT: MATT FRANZ T: (650) 394-8869					
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD S WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200					
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELL T: (510) 879-4544	IS				
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390					
AUDIO/VISUA	L: SMITH FAUSE MCDONALD I 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONA T: (415) 255-9140					
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYA T: (415) 826-9626					
NO.	DESCRIPTION	DATE				
	PR BUILDING PERMIT	04/01/2022				
JOB NO.						
DESCRIPTION SITE PLAN						
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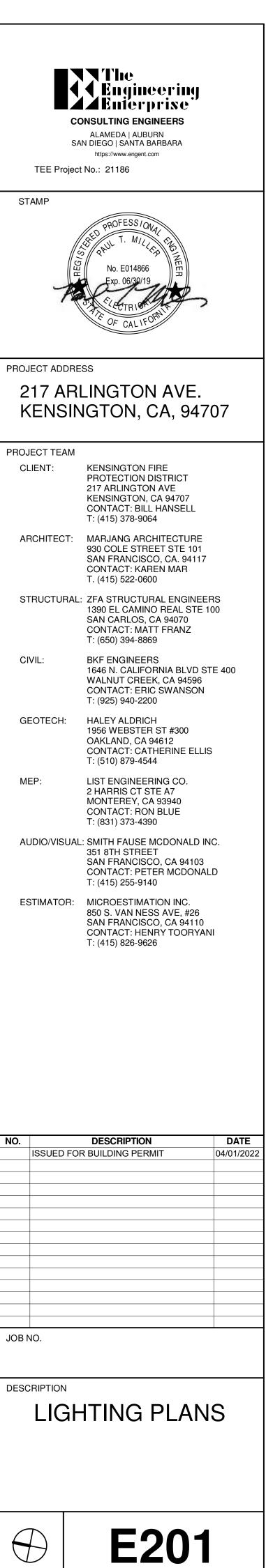




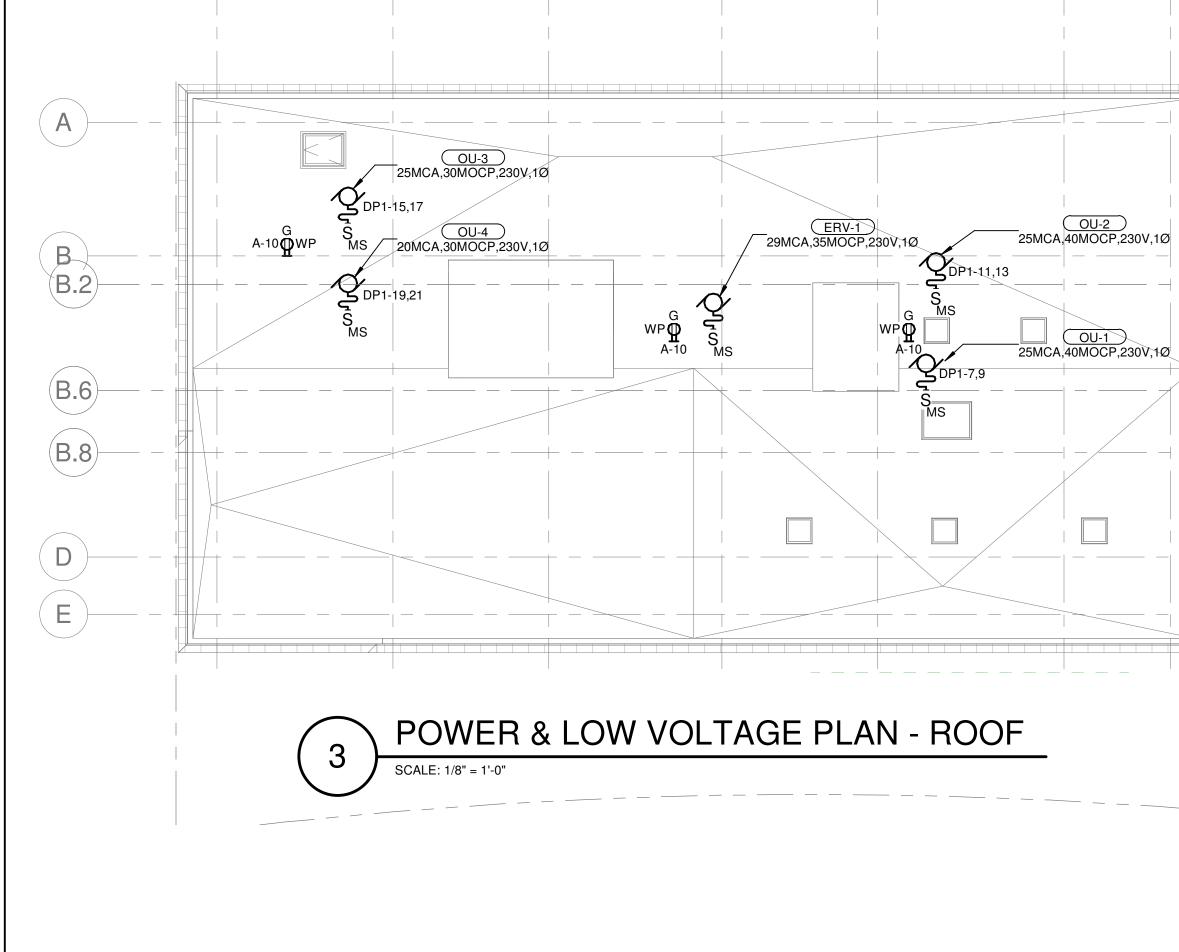
NUMBERED SHEET NOTES

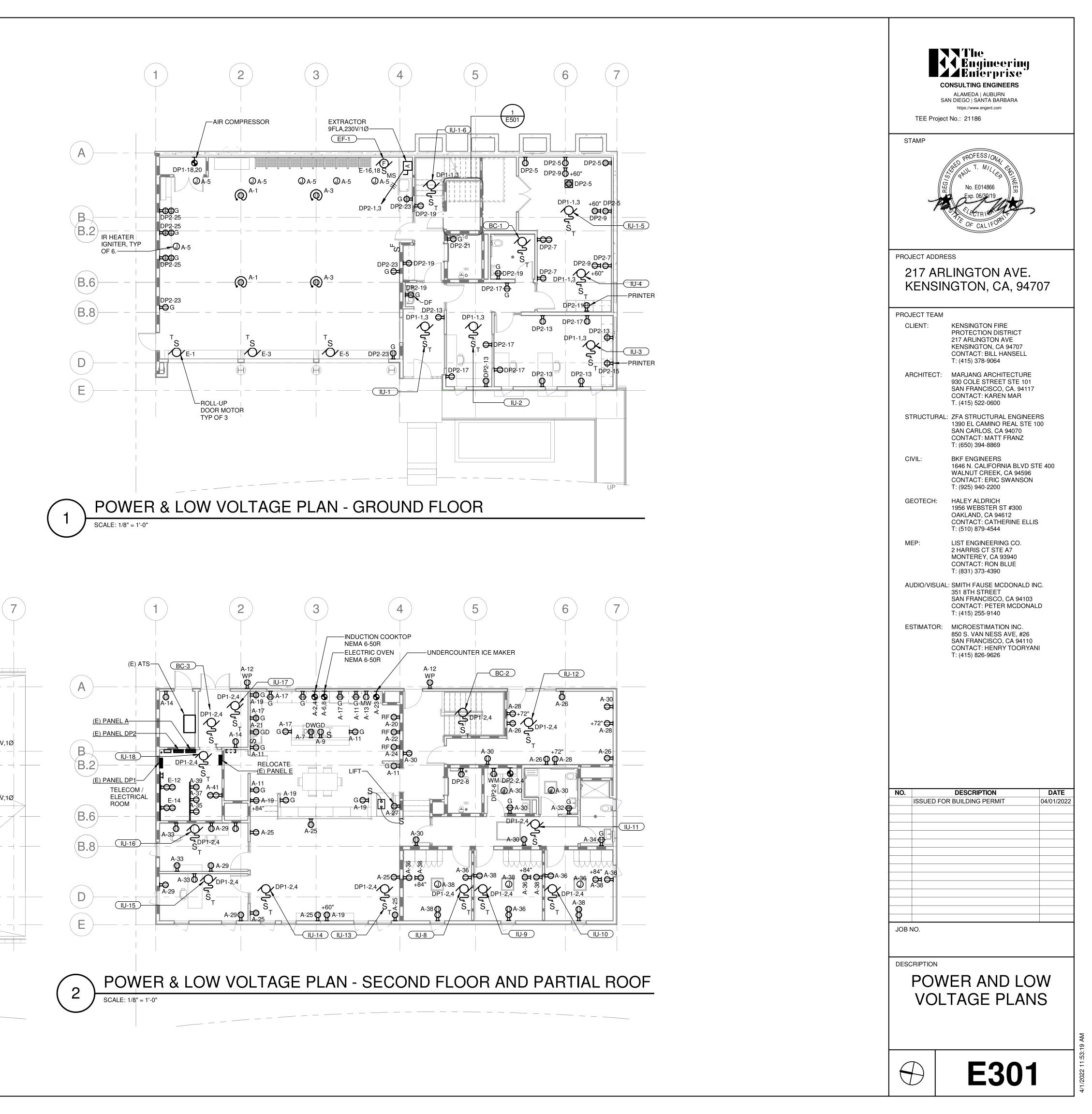
1 WALL MOUNT OVER DOOR. 2 COMBO FAN/LIGHT. 3 MOUNT UNDER STAIRS. 4 MOUNT IN PIT. 5 WALL MOUNTED ABOVE LANDING.

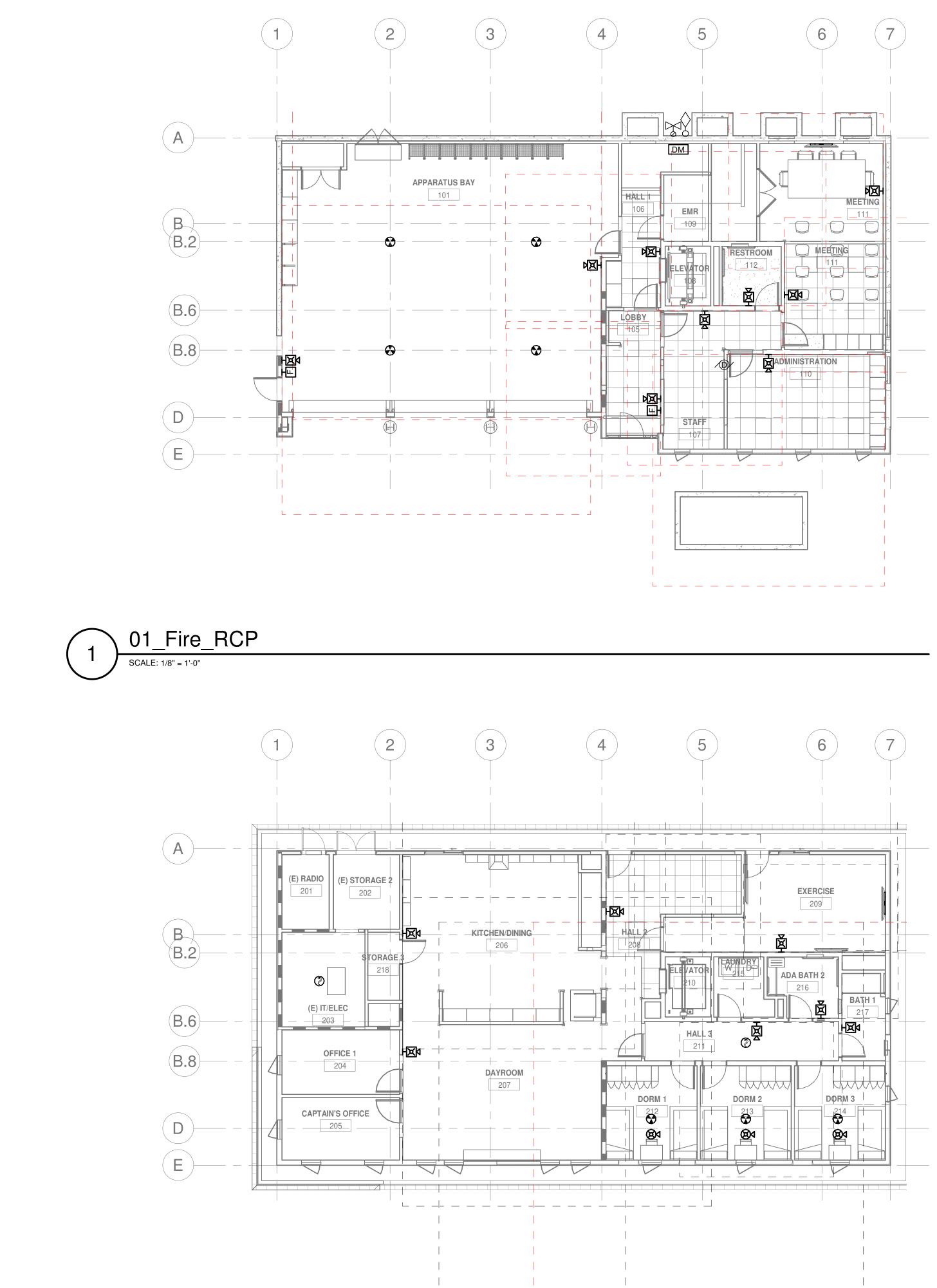
6 REMOVE ALL SOFFIT MOUNTED LIGHTING AND WALL MOUNTED LIGHTS AND PATCH.

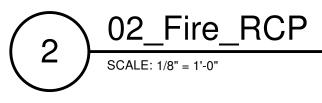


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	LINGTON AVE. IGTON, CA, 947	07					
PROJECT TEAM CLIENT:	KENSINGTON FIRE						
	PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL						
ARCHITECT:	T: (415) 378-9064 MARJANG ARCHITECTURE 930 COLE STREET STE 101						
	SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600						
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MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390						
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ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	VI					
NO.	DESCRIPTION	DATE					
	R BUILDING PERMIT	04/01/2022					
JOB NO.	JOB NO.						
FIRE	ALARM PLA	112					
\square							
\square	E401						

	FIRE ALARM SYSTEM CABLE SCHEDULE							
CABLE TAG	CIRCUIT DESCRIPTION	CABLE TYPE	GAUGE	CONDUCTORS	COLOR			
А	SIGNAL LINE CIRCUIT (SLC)	FPL	#18	2	RED JACKET			
В	NOTIFICATION APPLIANCE CIRCUIT (NAC)	FPL	#12	2	RED JACKET			
С	CONVENTIONAL SUPERVISED CIRCUIT / 24VDC	FPL	#14	2	RED JACKET			
D	FIBER NETWORK	FIBER OPTIC	N/A	N/A	GREY JACKET			
E	BOOSTER TRIGGER	FPL	#14	4	RED JACKET			
F	UNDERGROUND SLC	WATER TIGHT	#14	2	BLACK JACKET			
G	UNDERGROUND NAC	WATER TIGHT	#12	2	BLACK JACKET			
н	UNDERGROUND SPEAKER CIRCUIT	WATER TIGHT SHIELDED	#14	2	BLACK JACKET			
I	UNDERGROUND FIBER NETWORK	WATER TIGHT FIBER OPTIC	N/A	N/A	BLACK JACKET			
J	SBUS	FPL	#14	4	RED JACKET			
к	VBUS	FPL	#14	4	RED JACKET			
L	UNDERGROUND SBUS	WATER TIGHT	#14	4	BLACK JACKET			
м	UNDERGROUND VBUS	WATER TIGHT	#14	4	BLACK JACKET			
S	SPEAKER CIRCUIT	FPL OVERALL SHIELDED	#14	2	RED JACKET			

	FIRE ALARM SYSTEM MATRIX											
	PULL STATION	SMOKE DETECTOR	HEAT DETECTOR	WATER FLOW SWITCH	TAMPER SWITCH	OPEN/SHORT CIRCUIT	GROUND FAULT	A/C LOSS	BATTERY TROUBLE	SYSTEM SILENCE	SYSTEM RESET	SMOKE DUCT DETECTORS
ALARM AT FACP & REMOTE ANNUNCIATOR(S)	х	x	х	х								x
SUPERVISORY AT FACP & REMOTE ANNUNCIATOR(S)					x							
TROUBLE AT FACP & REMOTE ANNUNCIATOR(S)						X	х	x	x			
REPORT EVENT TO OFFSITE SUPERVISING STATION	Х	x	х	Х	x	X	х	x	x			x
ACTIVATE EVACUATION SIGNALS	Х	x	х	Х								x
DEACTIVATE VOICE MESSAGES										х	x	
DEACTIVATE VISUAL SIGNALS											x	
RESET FACP TO NORMAL CONDITION											x	
HVAC	х	x	x									х

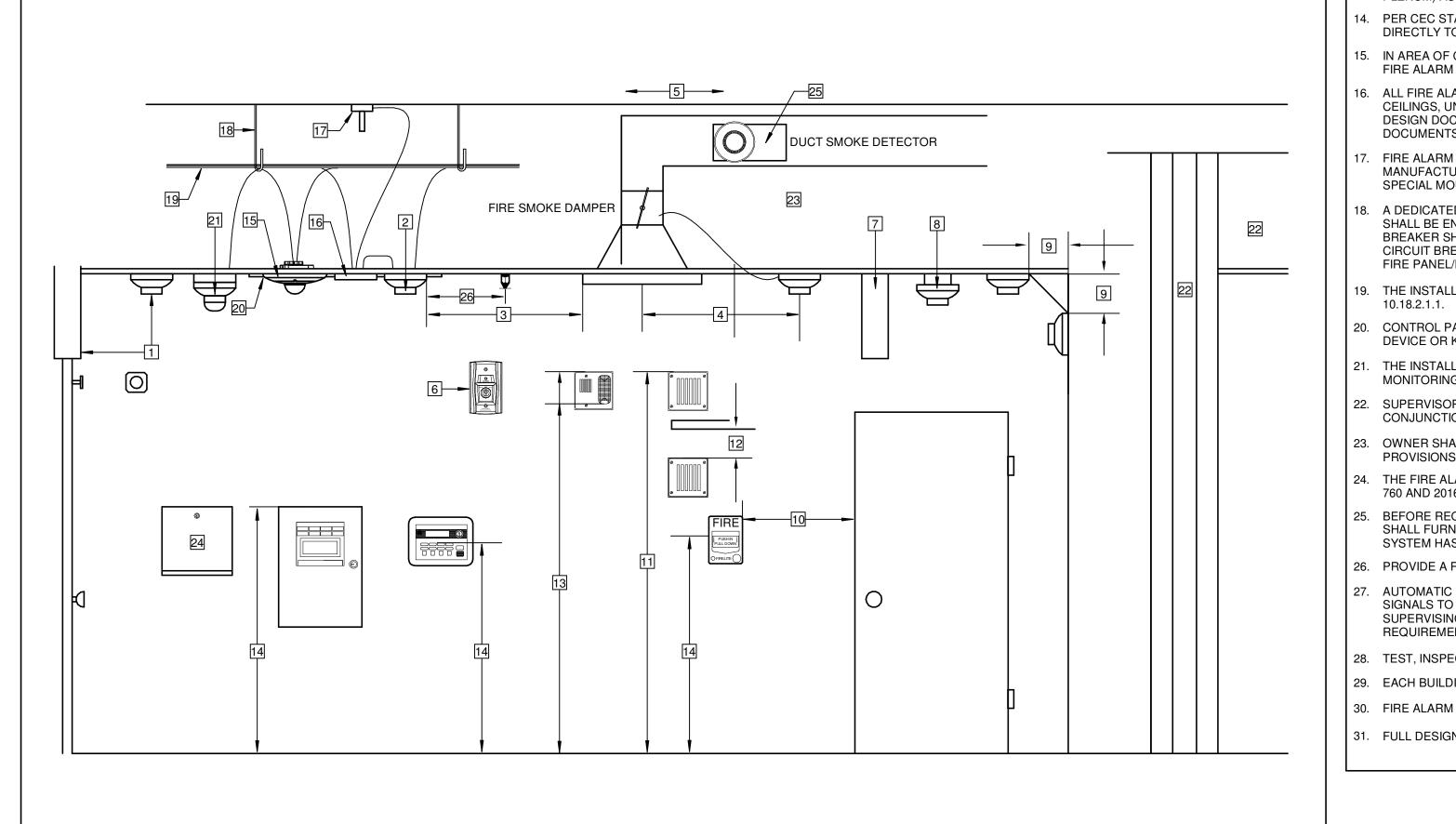
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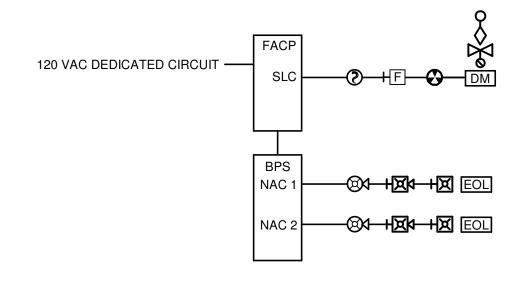
1 MOUNT DOOR HOLDER SMOKE DETECTOR MAXIMUM 3' FROM DOOR AND A MINIMUM OF 1' FROM DOOR. 2 NFPA 72 17.7.3.2.3.1 ON SMOOTH CEILINGS, SPACING FOR SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING REQUIREMENTS:

- 1. THE DISTANCE BETWEEN SMOKE DETECTORS SHALL NOT EXCEED SPACING OF 30'. 2. ALL POINTS ON THE CEILING SHALL HAVE A DETECTOR WITHIN A DISTANCE EQUAL TO OR LESS THAN 21'.
- 3 NFPA 72 17.7.4.1 MOUNT SMOKE DETECTOR MINIMUM OF 3' AWAY FROM DIFFUSER VENT.
- 4 MOUNT SMOKE DETECTOR FOR FIRE SMOKE DAMPER (FSD) WITHIN 3' OF SUPPLY VENT.
- 5 DUCT SMOKE DETECTOR SHALL BE MOUNTED 6 TO 10 TIMES THE DIAMETER OF DUCT FROM BEND OR OBSTRUCTION.
- 6 NFPA 72 17.4.7 WHERE FIRE DETECTORS ARE INSTALLED IN CONCEALED LOCATIONS MORE THAN 10' AFF OR IN ARRANGMENTS WHERE THE DETECTOR'S ALARM OR SUPERVISORY INDICATOR IS NOT VISIBLE TO RESPONDING PERSONNEL. DETECTORS SHALL BE PROVIDED WITH A REMOTE INDICATOR OR SUPERVISORY INDICATION ACCEPTABLE WITH AUTHORITY HAVING JURISDICTION (AHJ).
- 7 NFPA 72 17.7.3.2.4.2 BEAM POCKET SPOT DETECTOR ARE REQUIRED FOR BEAMS GREATER THAN 18" BELOW CEILING AND SPACED MORE THAN 8' ON CENTER. EACH BAY FORMED BY BEAM SHALL BE TREATED AS A SEPARATE AREA. BEAMS LESS THAN 12" IN DEPTH AND SPACED LESS THAN 8' ON CENTER SHALL HAVE DETECTORS INSTALLED ON THE BOTTOM OF THE BEAM. OR, CEILINGS WITH BEAM DEPTHS LESS THAN 10 PERCENT OF THE CEILING HEIGHT, SMOOTH CEILING SPACING IS PERMITTED AND DETECTORS PLACED ON THE BOTTOM OF THE BEAM. BEAMS EQUAL TO OR GREATER THAN 10 PERCENT OF CEILING HEIGHT WITH BEAM SPACING GREATER THAN 40 PERCENT OF CEILING HEIGHT, SPOT DETECTORS SHALL BE LOCATED IN EACH CELL.
- 8 NFPA 72 17.6.3.3.1.1 BEAMS PROJECTING LESS THAN 4" SHALL BE TREATED AS A SMOOTH CEILING.
- 9 NFPA 72 17.6.3.1.3.1 SMOKE DETECTORS SHALL BE MOUNTED ON THE CEILING MINIMUM 4" FROM WALL, AND 4" MINIMUM TO 12" MAXIMUM FROM CEILING MOUNTED ON WALL.
- 10 NFPA 72 17.14.5 THE OPERABLE PART OF A MANUALLY ACTUATED ALARM-INITIATING DEVICE SHALL NOT BE LESS THAN 42" AFF AND NOT MORE THAN 48" AFF. NFPA 72 17.14.8.4 MANUAL FIRE ALARM BOXES SHALL BE LOCATED WITHIN 5' OF EACH EXIT DOORWAY ON EACH FLOOR.
- 11 NFPA 72 18.4.8.1 MOUNT EXTERNAL HORN AT 90" MINIMUM AND 100" MAXIMUM TO THE TOP OF THE DEVICE.
- 12 NFPA 72 18.5.5.2 WHERE LOW CEILING HEIGHTS DO NOT PERMIT WALL MOUNTING AT A MINIMUM OF 80", WALL MOUNTED VISIBLE APPLIANCES SHALL BE MOUNTED WITHIN 6" OF THE CEILING.
- 13 NFPA 72 18.5.5.1 WALL MOUNTED APPLIANCES SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 80" AFF AND NOT GREATER THAN 96" AFF.
- 14 CBC 1117B.0 (3) MOUNT FIRE ALARM CONTROL PANELS AND ANNUNCIATORS AT A MAXIMUM OF 48" TO THE TOP OF THE CONTROL PANEL OR KEY BOARDS.
- 15 CEILING MOUNTED HORN / SPEAKER STROBE
- 16 MONITOR MODULE
- 17 RATE OF RISE HEAT DETECTOR, MOUNTED IN ABOVE CEILING / ATTIC SPACE.
- 18 APPROVED WIRE MANAGEMENT, ie J-HOOK OR D-RING.
- 19 ABOVE CEILING CIRCUITS ROUTING IN AN ACCESSIBLE ATTIC SPACE.
- 20 NON-ACCESSIBLE CEILINGS MUST USE EITHER EMT OR APPROVED WIREMOLD RACEWAY, AS SHOWN ON PLANS.
- 21 MULTI-CRITERIA PHOTOELECTRIC SMOKE / CO DETECTOR WITH SOUNDER BASE. MOUNT IN AREAS WHERE FOSSIL FUEL IS USED.
- 22 NFPA 72 17.5.3.1.1 IN ACCESSIBLE SPACES THAT DO NOT MEET THIS CRITERIA MUST BE MADE ACCESSIBLE AND DETECTION MUST BE INSTALLED.
- SMOKE / HEAT DETECTION COVERAGE IS REQUIRED IN ALL COMBUSTIBLE AREAS, UNLESS: A. CEILING IS ATTACHED DIRECTLY TO THE UNDERSIDE OF THE SUPPORTING BEAM OR ROOF DECK. B. CONCEALED SPACE IS ENTIRELY FILLED WITH NON-COMBUSTIBLE INSULATION. C. THE SMALL CONCEALED SPACE OVER ROOMS THAT DO NOT EXCEED 50 SQ. FT. IN AREA. D. SPACES FORMED BY FACING STUDS OR SOLID JOISTS IN WALLS, FLOORS, OR CEILINGS WHERE THE FACING STUD OR SOLID JOIST IS LESS THAN 6".
- 23 NFPA 72 17.5.3.1.4 DETECTION FOR CONCEALED ACCESSIBLE SPACES ABOVE SUSPENDED CEILING USED AS A RETURN PLENUM SHALL BE PROVIDED AT EACH CONNECTION FROM RETURN AIR PLENUM AT CENTRAL AIR HANDLING UNIT.
- 24 NFPA 72 7.7.2 WITH EVERY NEW FIRE ALARM SYSTEM A DOCUMENTATION CABINET SHALL BE INSTALLED AT THE FIRE ALARM CONTROL PANEL OR AT ANOTHER LOCATION APPROVED BY AHJ. THE CABINET SHALL BE PROMINENTLY LABELED "SYSTEM RECORD DOCUMENTS".
- 25 NFPA 90A 6.4.2.1 SMOKE DETECTORS LISTED FOR USE IN AIR DISTRIBUTION SYSTEMS SHALL BE LOCATED AS FOLLOWS: DOWNSTREAM OF THE AIR FILTERS AND AHEAD OF ANY BRANCH CONNECTIONS IN AIR SUPPLY SYSTEMS HAVING A CAPACITY GREATER THAN 2000 CFM.

26 SMOKE DETECTORS SHALL NOT BE CLOSER THAN 1' FROM SPRINKLERS.

FIRE ALARM DEVICE MOUNTING DETAIL NOTES

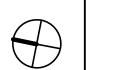




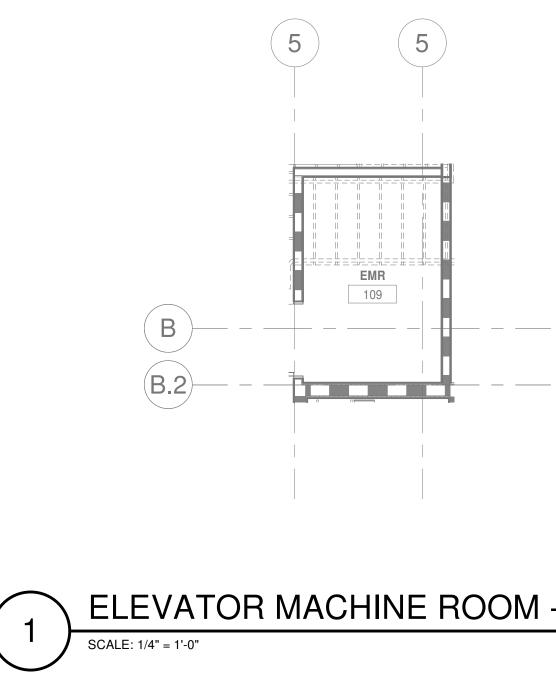


SCALE: NTS

 I. WOMENER PROJECTION OF RECORDANCE WITH THE APPLICALS. REGULATIONS AND COMPANY AND APPLICATE PROVIDED TO THE 24 CALIFORNIA RELEASE COMPANY. STRAT A CALIFORNIA COME OF PROVIDED TO THE 24 CALIFORNIA RELEASE COMPANY. STRAT A STRATE APPLICATIONS COME OF PROVIDED TO THE 24 CALIFORNIA RELEASE COMPANY. STRATA AND AND COMPANY ALLIFICATIONS COME OF PROVIDED TO THE 24 CALIFORNIA RELEASE COMPANY. STRATA AND AND COMPANY ALLIFICATIONS COME OF PROVIDED TO THE 24 CALIFORNIA RELEASE COMPANY. STRATA AND AND RESOLUTION IN LIGATION COME OF PROVIDED TO THE 24 CALIFORNIA RELEASE COMPANY. STRATA AND AND RESOLUTION TO THE 24 CALIFORNIA RELEASE COMPANY. J. MONTONY THE RELEASE COMPANY. J. MONTONY THE AND COME OF PROVIDED TO THE 24 CALIFORNIA RELEASE COMPANY. J. MONTONY THE AND RELEASE COMPANY. J. MONTONY THE AND RELEASE COMPANY. J. MONTONY THE AND COMPANY. J. MONTONY THE AND RELEASE COMPANY. J. MONTONY THE RELEASE COMPANY.		FIRE ALARM NOTES			
<text></text>	1.	WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS, INCLUDING BUT		The	
<text><text><text></text></text></text>		STATE CALIFORNIA CODE OF REGULATIONS (CCR) 2019 TITLE 24 CALIFORNIA BUILDING CODE			
 Alexander A. Descriptions and L. Desc		PART 3, 2019 CALIFORNIA ELECTRICAL CODE (CEC), 2019 NEC. PART 4, 2019 CALIFORNIA MECHANICAL CODE (CMC) PART 5, 2019 CALIFORNIA PLUMBING CODE (CPC)	_	ALAMEDA AUBURN AN DIEGO SANTA BARBARA	
	2.	2016 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13, 72, 80, 90A, 99, AND 101. INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTATION		et No.: 21186	
 A. A.R. MARKANERS ST.D. VARPORTER LAND DEBAY ACCOUNT IN THE ACCOUNT OF THE LAND USE. A. MORTER CONTRACT OF THE VARIANT AND THE ACCOUNT OF THE CONTRACT OF THE ACCOUNT OF	3.			PROFESS/ONAL	
	4.	A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED		No E014966	
 A. ADDITICUT CONTRACTORY OF THE CARE WATCH CARE AND AND CARE OF THE CARE AND CARE AN	5.	ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE		Exp. 06/30/19	4
 ALL PETERFORMENT FOR THORNER THE CONTROL OF A DECIDENCE OF SHARE THE CONTROL OF ALL DECIDENCE OF THE CONTROL OF ALL DECIDENCE OF AL	6.	ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE		OF CALIFORNIE	>
 A. ALLER LEVICES HOLL EVICES HALL CONTROL IN CASE OF THE CONTROL IN CASE OF THE CONTROL INC. ALL REPORTS THE CONTROL INC.	7.	ALL PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE		UNE	
 In the contraction scale is a local space and scale space spac	8.	AUDIBLE DEVICES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 DECIBLES (Dba) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 Dba ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION AT			
House Advances House Ad	9. 10		KENSI	NGTON, CA, 94	707
 Change Departs and concernment of the source of		FALSE ALARMS.	PROJECT TEAM		
 Merchand Control /li>		FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA.	CLIENT:	PROTECTION DISTRICT	
	12.			KENSINGTON, CA 94707 CONTACT: BILL HANSELL	
Other TUT TO EACH HIELE BURGLE DO NOT SHULD THE WITH ALL BOOKES TO BE SEED REPORT. DMATHEMATING TO BE SHOLD THE ALL BOOKES TO BE SEED REPORT. ALL HERE ALARM DEVICES IN MULE CONTRACTION OF NUMARIANCE OF SHOLD THE ALL BOOKES TO THE CONTRACTION OF SHOLD DE CONTRACT THE MULE MARKET ALL BOOKES TO MARKET ALL BOOKES ALL ALL AND ADVECT BALL ACCOUNTS AND DE CONTRACT TO MULE MARKET ALL BOOKES TO MARKET ALL BOOKES ALL ALL ALL AND ADVECT BALL ACCOUNTS AND DE CONTRACT TO MULE MARKET ALL BOOKES ALL ALL AND ADVECT BALL ACCOUNTS AND DE CONTRACT TO MULE MARKET ALL BOOKES ALL ALL AND ADVECT BALL ACCOUNTS AND DE CONTRACT TO MULE MARKET ALL BOOKES ALL ALL ALL AND ADVECT BALL ACCOUNTS AND DE CONTRACT TO MULE MARKET ALL BOOKES ALL ALL AND ADVECT BALL ACCOUNTS AND DE CONTRACT TO MULE MARKET ALL ALL AND ADVECT BALL ACCOUNTS AND DE CONTRACT TO MULE ALL ADVECT MER ALL AND ADVECT BALL AND ADVECT		PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THHN OR THWN.	ARCHITECT:	MARJANG ARCHITECTURE	
 a) E a LE PE A JANU CHOURT SALE TO BE IN COMPUTE USER CENTRATIVE OF PARENT AND THE PER A JANU CHOURT AND THE REPORT OF MANY MANY AND THE REPORT OF MANY MANY AND THE REPORT OF MANY MANY AND THE REPORT OF MANY AND THE REP		DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. ALL BOXES TO BE SIZED PER CEC. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION OF NEWLY INSTALLED		930 COLE STREET STE 101 SAN FRANCISCO, CA. 9411 CONTACT: KAREN MAR	
	16.	ALL FIRE ALARM CIRCUITS ARE TO BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE THE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANOR AS INDICATED ON THE DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN	STRUCTURAL	1390 EL CAMINO REAL STE SAN CARLOS, CA 94070 CONTACT: MATT FRANZ	
18. ADEDICATED PRANCE ORGUIT SHALL BE PROVIDED FOR FIRE ALAME GOUND THIS ORGUIT SHALL BE FORMATION THIS AT A PROVIDED FOR FIRE ALAME GOUND THE OTHER DUTIES THE PROVIDE PROVIDED FOR FIRE ALAME GOUND THE ATTENT THE OTHER DUTIES THE PROVIDE A RECORD OF COMPLETION PERINPER 7.2, HOURE 19. THE INFALLENCE ANNUAL TOTOR SHALL BE COUNTED WITH THE TOT OF THE CONTROL DEVICE OR KERNED TO BE ALAMEMING FOR USE AND COMPLETION PERINPER 7.2, HOURE 10.10.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17.	FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT	CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD WALNUT CREEK, CA 94596	
10. THE INSTALLER CONTRACTOR SHALL BROUNDE A RECORD OF COMPLETION PER NPA 72, FIGURE 10.18.2.1.1. 20. CONTROL PARELS, RENOTE ANNUNCIATORS SHALL BE MOUNTED WITH THE TOP OF THE CONTROL DEVICE OF KEYPATO TO BE ANAMIMM OF 499. 21. THE INSTALLED SOUTE ANSWED BY STEM PROGRAMMING FOR SUPERVISORY MONITORING PRICE CSSETTORS NALL BE RESOLUTE ON VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FIRAL ACCOUNT AND THE ALTAR AND STETE MAN VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FIRAL ACCOUNT OF TIME THE SYSTEM MONITORING CONTRACT OR 22. THE FIRE ALARM SYSTEM SHALL CONFORM TO 2010 CAU-PORINE LECTRICAL CODE (CEC) ARTICLE 23. SUPER NAME AND TESTED AND VERIFIED AS SENDING CONTRACT OR 24. THE FIRE ALARM SYSTEM SHALL CONFORM TO 2010 CAU-PORINE LECTRICAL CODE (CEC) ARTICLE 25. SENDED FOR USED OF THE INSTALLATO. THE FIRE MARSHALL CONFORM TO 2010 CAU-PORINE LECTRICAL CODE (CEC) ARTICLE 26. SENDE TERCH AND TESTED MONTOR TO 2010 CAU-PORINE LECTRICAL CODE (CEC) ARTICLE 27. SINCE TORM ANTITICS STATULED AND TESTEEM MONITORING CONTRACTOR 28. EFFORT REALED AND TESTED MONTOR TO AND CAU-PORINE LECTRICAL CODE (CEC) ARTICLE 29. SUPERVISE ON AND THE INSTALLED AND TESTEM TO THE INSTALLED AND TESTEM MONITORING CONTRACTOR 29. THE ALS BEEN INSTALLED AND TESTEM MONITORING CONTRACTOR 20. THE ALS MEEN MAINTES AND TO 2010 CAU-PORINE LECTRICAL CODE (CEC) ARTICLE 29. EACH BUILDING TO BE A ARDITE FIRE MARSHALT DATE FIRE MARSHALT TO THE EXTENDATION INC. 20. SUPERVISEN STATION STATION SECURE OF WAY AND TROUBLES 20. EACH BUILDING TO BE A SERVER TO BE SUPERVISED VIENT THE NAME SECURE THE THE ADDITE DATE FIRE MARSHALT TO THE EXTEND TO THE STATULE AND THE MARK THE ALARM SUPERVISED VIENT THE NAME SECURE THE THE REQUIREMENTS. 20. EACH BUILDING TO BE A SERVER ZONE, (CEO, WASL). 20. EXCHAPTION TO DE SUPERVISED VIENT THE NAME SECURE THE THE REQUIREMENTS. 20. EACH BUILDING TO BE A SERVER ZONE, (CEO, WASL). 20. EXCHAPTION FIRE FIRE ADDITION THE NAME THE ALARM SUPERVISED VIENT THE NAME THE ALARM SUPERVISED VIENT THE NAME THE ALARM SUPERVISED VIENT	18.	SHALL BE ENERGIZED FROM A COMMON USE AREA PANEL AND SHALL HAVE OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON" POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT	GEOTECH:	CONTACT: ERIC SWANSON T: (925) 940-2200 HALEY ALDRICH 1956 WEBSTER ST #300	
DEVEC ON KEYMAD TO BE AMAMUMUM OF #	19.			CONTACT: CATHERINE ELL	IS
21. THE INSTALLING CONTINCTORS SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERINSORY MONITORING THE FRAL ACCENTIANCE TEST. 22. SUPERNISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FIRMA ACCENTIANCE TEST. 23. OWNER SHALL BE TESTED SHALL CONFORM OF THE SYSTEM MONITORING CONTRACT OR PROVISIONS. 24. THE FIRE ALIANN SYSTEM SHALL CONFORM TO 2015 CALEFORM FLECTFICAL CODE (CC) ARTICLE SHALL ENTIA TESTORY TO THE INSTALLED ONE OFFICE OF THAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE 2016 KPFA 72 SECTION 14.1.1 24. SECTION FOR ACCERCIPTION FER THE ALIAN SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVAD SYSTEM SHALL COMERCIPT TAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE 2016 KPFA 72 SECTION 14.1.1 25. AUTOMATE REAL ADMINISTER SHALL COMERCIPT ON THE AZIAL SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVAD SYSTEM SHALL TO HEE REPEAT THE ALIAN SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVAD SYSTEM SHALL THE ALIAN SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVAD SYSTEM SHALL UNCOLLED BY INFA 72 SECTION 14.1.1 26. TEST, INSPECTION AND MAINTENANCE SHALL COMER LEVEL THE THE ALIAN SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVAD SYSTEM SHALL OWNER THE ALIAN SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVAD SYSTEM SHALL OWNER THE ALIAN SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SYNEMERY ZONE, OFCI SUP CONTRACTOR AS DEFFERED SUBMITAL. NO. DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DIFFE ALARM DESIGN IS DIAGRAMMATICAL ONLY. 30 FIRE ALARM DESIGN IS DIAGRAMMATICAL ONLY. 31 FIRE ALARM DESIGN IS DIAGRAMMATICAL ONLY. 32 FIRE ALARM DESIGN IS DIAGRAMMATICAL ONLY. 33 FIRE ALARM DESIGN IS DIAGRAMMATICAL ONLY. 34 DIAGRAMMATICAL ONLY. 34 DIAGRAMMATICAL ONLY. 34 DIAGRAMMATICAL ONLY.	20.		MEP:	2 HARRIS CT STE A7	
22. SUPERVISORY MONTONING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST. 23. OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PHYDISIONS. 24. THE FIRE ALARM SYSTEM SHALL CONFORM TO 2010 CALIFORNIA ELECTRICAL CODE (CEC) ARTICLE 700 AND 2010 CALIFORNIA FIRE CODE (OFG) SECTION 957. 25. BEFORE BLACKSTOR MARK APPROVAL OF THE INSTALLING CONTRACTOR SYSTEM HAS BLEEN INSTALLED THE INSTALLING CONTRACTOR INFORMATION INC. 25. AUTOMATCH THE ALARM SYSTEM SHALL TAXING THE AUGURE BY INFA 22 GETTON 14.4.1.1 26. AUTOMATCH ELECTRICA BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AND SYSTEM HAS ALL COMPLY WITH NFPA 72 CHAPTER 14 REQUIREMENTS. 25. EACH BUILDING TO BE A SEPARATE SPEAKER ZONE. (CPG 907.63). 36. FIRE ALARM STEM DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AUGURE PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AUGURE PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AUGURE PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AUGURE PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AUGURE PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AUGURE PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AUGURE PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NOTE AUGURE PROVI	21.			CONTACT: RON BLUE	
23. OWNER SHALL BE RESPONSULE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PHOVISIONS. 24. THE FIRE ALARM SYSTEM SHALL COMPONIT TO 2019 GALIPOINIA ELECTRICAL CODE (CEC) ARTICLE 25. BARD 2016 GALIPOINIA FIRE CODE (CEC) SECTION 907. 25. BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLING CONTRACTOR SHALL FURNISH A WITTEN STATEMENT TO THE INSTALLING TO THE DEFECT THAT THE SHALL FURNISH A WITTEN STATEMENT TO THE STATE FIRE MARSHALL TO THE EFFECT THAT THE SHALL FURNISH A WITTEN STATEMENT TO THE STATE FIRE MARSHALL TO THE EFFECT THAT THE SHALL FURNISH A WITTEN STATEMENT TO THE STATE SHE MARSHALL TO THE EFFECT THAT THE SHALL FURNISH A WITTEN STATEMENT TO THE STATE SHE MARSHALL TO THE EFFECT THAT THE SHALL FURNISH A WITTEN STATEMENT TO THE STATE SHE MARSHALL TO THE EFFECT THAT THE SHALL FURNISH AND THE ALARM STATEMENT OF A THE STATE SHE MARSHALL TO THE EFFECT THAT THE SHALL FURNISH AND THE ALARM STATEMENT OF A THE STATE SHE MARSHALL TO THE EFFECT THAT THE SHALL FURNISH AND THE ALARM STATEMENT SHALL TO AND CONTACTOR SHALL FURNISH AND THE ALARM STATEMENT SHALL TO AND CONTACTOR AND THOUGHE SHALL FURNISH AND THE ALARM SHALL COMPLY WITH NEPA 72 CHAPTER 14 REQUIREMENTS. 29. EACH BULLIONG TO BE A SEPARATE SPEARER ZONE (DCF 907.63). 30. FIRE ALARM DESIGN IS DIAGRAMMATICAL ONLY. 31. FULL DESIGN PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. 32. TEST, INSPECTION AND MANTENANCE SHALL COMPLY WITH NEPA 72 CHAPTER 14 REQUIREMENTS. 33. FIRE ALARM DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. 34. FULL DESIGN PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. 35. MONTONE SUBMERTING THE ALARM STATE SPEARER ZONE (DCF 907.83). 34. FIRE ALARM STATEMENT AND THE ALARM STATE SPEARER ZONE (DCF 907.83). 35. FIRE ALARM STATEMENT AND THE A	22.		AUDIO/VISUA		INC.
42. THE FIRE ALARM SYSTEM SHALL CONFORM TO 2019 CALIFORNIA ELECTRICAL CODE (CE0) ARTICLE 70 AND 2016 CALIFORNIA FIRE CODE (CF0) SECTION 90. 800 S. VAN NESS AVEC, 220 900 S. SHALL FURNISA WARTIERS TERE ENE STATE FIRE MARSHALL TO THE REFEOT THAT THE SYSTEM HAB BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE 2019 NFPA 72 SECTION 14.1 PROVIDE A RECORD OF COMPLETION PER NFPA 72 CHAPTER 7.5.8. C. AUTOMATIC FIRE ALARM SYSTEM SHALL TONN THE ALARM. SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND COD BOX 15.8.2. THE SUPERVISING STATION SAIL COMPLY WITH NFPA 72 CHAPTER 14 REQUIREMENTS. EACH BUILDING TO BE A SEPARATE SPEAKER ZONE, (CFC 907.63). FIRE ALARM DESIGN IS DIAGRAMMATICAL ONLY. IFIE ALARM DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. No. DESCRIPTION DESCRIPTION DATE DATE DATE DATE DATE DATE DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION	23.			CONTACT: PETER MCDON	
BEODE REQUESTING FINAL APPROVAL OF THE INSTALLING ON THE INSTALLING CONTRACTOR SHALL FUNDING HAWRITEN THE INSTALLENE MARSHALL TO THE FRECT THAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE 2016 MFPA 72 SECTION 14.1 PROVIDE A RECORD OF COMPLETION FEN HAR 7.5.6. ZAUTOMATIC FIRE JALAM SYSTEM SHALL TRANSMIT THE AJRIM. SUPERVISION YAND TODUBLE SUPERVISION STATUL FEN HAR 7.5.6. ZAUTOMATIC FIRE JALAM SYSTEM SHALL DE LISTED AS ETHER UURX OR UUBS BY UL OR SHALL MEET THE REQUIREMENTS OF INSTANDARDS 301.1. TEST, INSPECTION AND MAINTENANCE SHALL COMPLY WITH NFPA 72 CHAPTER 14 REQUIREMENTS. EACH BUILDING TO BE A SEPARATE SPEAKER ZONE. (CFC 907.83). FIRE AJARM DESIGN IS UDGRAMMATICAL ONLY. TEST, INSPECTION AND MAINTENANCE SHALL CONTRACTOR AS DEFFERED SUBMITAL. No. <u>DESCRIPTION description description</u> du/01/2022 JOB NO. JOB NO. JOB NO. JOB NO.	24.		ESTIMATOR:	MICROESTIMATION INC.	
SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NPPA 72 AND GBC 907.65.2. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UUIS BY UL OR SHALL MEET THE REQUIREMENTS OF IN STANDARDS 3011. 28. TEST, INSPECTION AND MAINTENANCE SHALL COMPLY WITH NPPA 72 CHAPTER 14 REQUIREMENTS. 29. EACH BUILDING TO BE A SEPARATE SPEAKER ZONE. (CFG 907.63). 30. FIRE A LARM DESIGN IS DIAGRAMMATICAL ONLY. 31. FULL DESIGN PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NO. DESCRIPTION DATE NO. DESCRIPTION DATE NO. DESCRIPTION DATE UNIT 04/01/2022 USUED FOR BUILDING PERMIT 04/01/2022 USUED FOR BUILDING PERMIT 05/01/01/01/01/01/01/01/01/01/01/01/01/01/		SHALL FURNISH A WRITTEN STATEMENT TO THE STATE FIRE MARSHALL TO THE EFFECT THAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE 2016 NFPA 72 SECTION 14.4.1		SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORY	
29. EACH BUILDING TO BE A SEPARATE SPEAKER ZONE. (CFC 907.63). 30. FIRE ALARM DESIGN IS DIAGRAMMATICAL ONLY. 31. FULL DESIGN PROVIDED BY DESIGN BUILD CONTRACTOR AS DEFFERED SUBMITAL. NO. DESCRIPTION DATE ISSUED FOR BUILDING PERMIT 04/01/2022 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27.	SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND CBC 907.6.5.2. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UUIS BY UL OR SHALL MEET THE			
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ELEVATOR MACHINE ROOM - GROUND FLOOR

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	RLINGTON AVE. INGTON, CA, 94707
PROJECT TEA CLIENT:	M KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
ARCHITEC [*]	
STRUCTUF	AL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANZ T: (650) 394-8869
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
AUDIO/VISI	JAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
ESTIMATO	
NO. ISSUED	DESCRIPTION DATE FOR BUILDING PERMIT 04/01/2022
JOB NO.	
	ARGED PLANS ND DETAILS
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GENERAL NOTES

- 1. GENERAL REQUIREMENTS
 - REFER TO THE SPECIFICATIONS FOR COMPLETE REQUIREMENTS.
 - LOCATION SHOWN ON THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER LOCATION SHOWN ON THE COMMUNICATIONS SYSTEMS
 - DRAWINGS DEVICE QUANTITIES SHOWN ON THE FLOOR PLANS AND REFLECTED CEILING PLAN TO TAKE PRECEDENCE
 - OVER THE DEVICE QUANTITY SHOWN ON SINGLE-LINE AND FUNCTIONAL BLOCK DIAGRAMS
 - QUANTITIES SHOWN ON THE FUNCTIONAL BLOCK D DIAGRAMS TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE RACK ELEVATIONS.
 - QUANTITIES SHOWN IN THE DEVICE SCHEDULES TAKE PRECEDENCE OVER THE QUANTITY SHOWN ON THE SINGLE-LINE DIAGRAMS, FLOOR PLANS AND REFLECTED CEILING PLANS
 - LOCATION SHOWN ON THE LARGE-SCALE DRAWINGS F TAKE PRECEDENCE OVER LOCATION SHOWN ON SMALL-SCALE DRAWINGS.
 - KEY NOTES APPEARING WITHIN A KEYNOTE FIELD BUT G. NOT REFERENCED WITHIN A GIVING DRAWING SHALL **BE CONSIDERED AS GENERAL NOTES**
 - WHERE AUDIOVISUAL SYSTEMS WIRING IS INDICATED WHERE RACEWAY IS NOT INDICATED, PROVIDE SUCH WIRING SUPPORT ABOVE CEILING VIA J-HOOKS.
 - H. LOCATE SUCH HOOKS IN LOCATIONS THAT ARE ACCESSIBLE AS DEFINED BY THE CALIFORNIA ELECTRICAL CODE. DOCUMENT LOCATION ON **RECORD DRAWINGS.**
- 2. COORDINATE
 - COORDINATE WITH THE WORK OF ALL SECTIONS OF THIS CONTRACT AND WITH ALL SEPARATE CONTRACTS. COORDINATE THE LOCATIONS OF
 - BLOCKING, BACKING AND SUPPORT SYSTEMS REQUIRED. MAKE REASONABLE MINOR MOVES TO PRESERVE ARCHITECTURAL SYMMETRY AND ALIGNMENT WITH NO CLAIM FOR ADDITIONAL COST OR TIME.
 - PRESENT CONFLICTS TO THE PROJECT MANAGER IN A TIMELY MANNER FOR RESOLUTION
 - RELOCATION, REVISION OR CORRECTION CAUSED BY THE FAILURE OF THE CONTRACTOR TO COORDINATE C. THE WORK SHALL NOT BE SUBJECT FOR CLAIM FOR
- 3. PENETRATIONS
 - AT PENETRATIONS OF RATED ASSEMBLIES REQUIRING **OPENING PROTECTION PROVIDE A THROUGH**
 - A. PENETRATION FIRE STOP THAT HAS AN T AND F RATING AT LEAST EQUAL TO THAT OF THE ASSEMBLY PENETRATED
 - REFER TO ARCHITECTURAL PLANS FOR

ADDITIONAL COST OR TIME.

- CONSTRUCTION AND RATING OF DEMISING B. PARTITIONS. WHERE NOT INDICATED, ASSUME ALL
- INTERIOR WALLS EXTEND TO THE STRUCTURE OF THE FLOOR ABOVE.
- 4. SUPPORT

PROVIDE ALL BLOCKING, BRIDGE, TIES, FASTENERS AND RELATED SUPPORT PROVISIONS FOR

- COMMUNICATION SYSTEMS WORK. COMPLY WITH A. APPLICABLE CODE REQUIREMENTS FOR MEANS OF SUPPORT OF ELECTRICAL EQUIPMENT OF THE SAME WEIGHT UNDER THE SAME MOUNTING CONDITIONS. DO NOT APPLY ANY LOAD TO BUILDING STRUCTURE
- WITHOUT FIRST OBTAINING WRITTEN APPROVAL OF THE PROJECT MANAGER. OBTAIN PER PROJECT PROCEDURES.
- 5. BOX, PANEL AND ENCLOSURE INSTALLATION
 - COORDINATION: COORDINATE THE LOCATION OF ALL BOXES, PANELS, ENCLOSURES AND RELATED A. RACEWAY WITH THE WORK OF ALL SECTIONS IN THIS CONTRACT AND IN ALL SEPARATE CONTRACTS.
 - ACCESS: VERIFY ACCESS TO BOXES, PANELS AND ENCLOSURES COMPLIES WITH THE APPLICABLE CODE. Β. IN CASE OF APPARENT CONFLICT OR AMBIGUITY,
 - SUBMIT IN A TIMELY MANNER FOR RESOLUTION. ALIGNMENT: INSTALL BOXES, PANELS, AND
 - ENCLOSURES SQUARE AND PLUM. SET FLUSH MOUNTED UNIT SO THAT THE FACE OF THE COVER, BEZEL OR ESCUTCHEON IS IN THE SAME PLANE AS THE C. SURROUNDING FINISHED SURFACE. MOUNT BOXES,
 - PANELS AND TRIM SO THAT THERE ARE NO GAPS, CRACKS OR OBVIOUS LINES BETWEEN THE TRIM IN THE ADJACENT FINISHED SURFACE.
 - TYPE: UNLESS OTHERWISE NOTED PROVIDE STEEL D BOXES, PANELS AND ENCLOSURES. COMPLY WITH DIVISION 27 REQUIREMENTS AND APPLICABLE CODE.

- SIZE: PROVIDE THE LARGE BY CODE. SIZE REQUIRED B FOR TABLE RADIUS OR AS
- DRAWINGS, WHICHEVER IS PROVIDE BLANK COVERS C ENCLOSURES WERE NO DE MATCH OTHER PLATES IN A
- APPLIES. 6. RACEWAY
 - PROVIDE RACEWAY TYPE AND QUANTITY AS INDICATED IN WIRING NOTES, PLAN NOTES, PLAN KEYNOTES OR AS OTHERWISE INDICATED. COMPLY WITH THE MOST RESTRICTIVE REQUIREMENTS OF THE APPLICABLE LOCATION. IN THE EVENT OF
 - APPLIES. NOTED PROVIDE RACEWAY WITH CROSS-SECTIONAL B AREA EQUIVALENT TO 1 INCH DIAMETER TRADE SIZE
 - FOR COMMUNICATION STATION CABLING. PULL BOXES: PROVIDE AS REQUIRED BY THE MOST
 - PROVISIONS OF DIVISION 27. COORDINATE WITH WIRING CABLE BEND RADIUS.
- 7. GROUNDING AND BONDING
 - 27 05 26. REFER TO THE CALIFORNIA ELECTRICAL CODE AND RELATED REFERENCES THEREIN COMPLY WITH THE MOST RESTRICTIVE ALL CONDUCTIVE RACEWAY, RUNWAY, TRAY AND
 - RELATED BOXES, PANELS AND ENCLOSURES AND CABINETS AS REQUIRED BY APPLICABLE CODE AND DIVISION 27.

ST OF THE SIZE REQUIRED	
BY APPLICABLE STANDARDS	
INDICATED ON THE	
S LARGER.	
OR PLATES AT BOXES AND	
EVICES ARE INDICATED.	
AREA, EXISTING OR NEW AS	

DIVISION 27 FOR WIRING OF THE APPLICABLE CLASS IN CONFLICT, PROVIDE A LARGER SIZE OR QUANTITY AS

FOR COMMUNICATION SYSTEMS, UNLESS OTHERWISE

RESTRICTIVE OF THE APPLICABLE CODE WITH THE

COMPLY WITH ALL APPLICABLE CODES AND SECTION

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SURFACE RACEWAY. FOR COMMUNICATIONS SYSTEM PRO

MARK INDICATES RACEWAY DROP FR

(E) UNDERGROUND DUCTS WITH NEW AND SPECIFICATION SECTION 27 10 00

NEW WIRE AND/OR CABLE IN EXPOSE OR RACEWAY. FILL PER SCHEDULE, AND SPECIFICATION SECTION 27 10 00

NEW WIRE AND/OR CABLE INSIDE NEW

NEW WIRE AND/OR CABLE IN (N) UNDE CONDUIT. FILL PER SCHEDULE, PLAN AND SPECIFICATION SECTION 27 10 0

CABLE/RACEWAY TURNS UP

CABLE/RACEWAY TURNS DOWN

HOME RUN

CONDUIT TO CABLE TRANSITION POIN

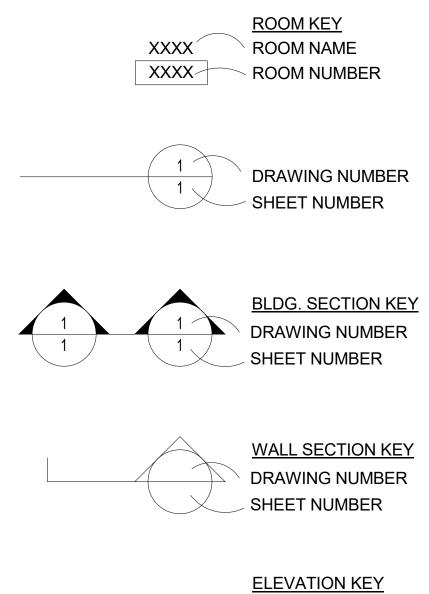
CABLES W/O CONDUIT ABOVE SUSPE BY J-HOOKS AT 4'-0" O.C. INSTALLATIC

WIRING NOTES

KEYNOTES

CABLE RUNWAY OR CABLE TRAY. TYP PLANS AND SPECIFICATIONS SECTION

GENERAL SYMBOLS





OVIDED UNDER DIV. 27.	Smith, Fause McDonald Inc.	
ROM CEILING.	351 8th Street, San Francisco, CA 94 (415) 255-9140 Fax (415) 255-9180	103
V FILL. PER SCHEDULE,	www.sfmi.com info@sfmi.com	
00. ED CONDUIT PLANS 00.	STAMP	
W CONDUIT WALLS OR IN CEILING .		; ;)
ERGROUND NS 10.	Image Engrand Imag	2
	PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707	
NT	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
ENDED CEILING, SUPPORTED ON PER SPEC. SECTION 27 05 29.	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
PE & SIZE AS INDICATED ON	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
N 27 05 36.	CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	
	GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	
DETAIL SYMBOL DRAWING NUMBER	MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
SHEET NUMBER	AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140	
1 COLUMN GRID 1 GRID LINES	ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626	
BUILDING LABEL		
DRAWING MATCH LINE		
	NO. DESCRIPTION DA ISSUED FOR PERMIT 04/01/	
REVISION SYMBOL REVISION NUMBER		
	Image:	
	JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING	 F
	DESCRIPTION GENERAL NOTES, SYMBOLS AND LEGEND	

TA001



MATERIAL & EQUIPMENT LEGEND

1IDP	1" INNERDUCT, PLENUM RATED
2IDP	2" INNERDUCT, PLENUM RATED
C6PP	CATEGORY 6 PATCH PANEL.
FOH-P	FIBER OPTIC CABLE HYBRID, PLENUM RATED
FOH-OPR	FIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATED
FOM-OPR	FIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATED
FOS-OP	FIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER
FOS-OPR	FIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED
FOS-R	FIBER OPTIC CABLE, SINGLE MODE RISER
FPP	FIBER PATCH PANEL
FSC	FIBER SPLICE CLOSURE
FSP	FIBER SPLICE PANEL
FTB	FIBER TERMINAL BOX
IDF	INTERMEDIATE DISTRIBUTION FACILITY
MDF	MAIN DISTRIBUTION FACILITY.
MM	MULTI MODE OPTICAL FIBER
MMP	MULTIMEDIA PLATE
MPOE	MINIMUM POINT OF ENTRY
OSP	OUTSIDE PLANT
SM	SINGLE MODE OPTICAL FIBER
TB15	TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.
T.C.	TELECOMMUNICATIONS CLOSET
T-IDW	TELEPHONE, CABLE, INSIDE DISTRIBUTION WIRE
T-IDW-R	TELEPHONE, CABLE, INSIDE DISTRIBUTION WIRE RISER
T-OPD	TELEPHONE CABLE, OUTSIDE PLANT, DUCTWAY
UTP6-4	UNSHIELDED TWISTED PAIR, CAT. 6
UTP6-4P	UNSHIELDED TWISTED PAIR, CAT. 6 PLENUM
UTP6-4OP	UNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANT
110TBXX	110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRS
110PWTBXX	110 TERMINAL BLOCK, PRE-WIRED W/50 PIN CONNECTOR, XX- NO OF PAIRS

AV FUNCTIONALS LEGEND

Loudspeake and Specific	er type (See Plans cations)	RR
Loudspeake	←70V power tap	XF —XM 4F —4M ASF —ASM
BM	TRANSFORMER BALANCED, LINE INPUT MODULE, PRIORITY MUTE GENERATING	—
MBI	TRANSFORMER BALANCED, MIC INPUT MODULE, PRIORITY MUTE GENERATING	
VBI	TRANSFORMER BALANCED, LINE INPUT MODULE, PRIORITY MUTE RECEIVING, ADJUSTABLE MUTE LE	
Κ	RELAY COIL	<
VC-R	70 WATT PRIORITY ATTENUATOR, RACK MOUNTED	
 o	PUSH BUTTON SWITCH	S
	MOMENTARY PUSH BUTTON SWITCH	*
o o	SWITCH	
o	SWITCH —S	\$VM-\$VF
	NORMALLY OPEN CONTACT	RF — RM
	NORMALLY CLOSED CONTACT	—⊗ MF —MM
NOTES:		
x —	DENOTES SEQUENCE NUMBER	

NOTE: SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AN EQUIPMENT TYPES REFER TO SPECIFICATION

_sfmi.rvt
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Voltage_
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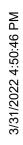
ABBREVIATIONS

	EE SPECIFICATION SECTIONS FOR	1SR-1 3SR-2.5	SINGLE CHAMBER SURFACE RACEWAY THREE CHAMBER SURFACE RACEWAY	SYMBOL	H (INCHES)	W (INCHES)	D (INCHES)
REQUIRE	MENTS. FOR OTHER MATERIAL AND	A.D.A. ADF	AMERICANS WITH DISABILITIES ACT AREA DISTRIBUTION FACILITY	J1	6	6	4
EQUIPME	ENT TYPES REFER TO SPECIFICATIONS.	A.F.C.	ABOVE FINISHED CEILING	J2	8	8	4
		A.F.F. ALT	ABOVE FINISHED FLOOR ALTERNATE	J3	12	12	4
ATED		A.M.F.F.	ABOVE MEZZANINE FINISHED FLOOR	J4	12	12	6
		BDF B.F.C.	BUILDING DISTRIBUTION FACILITY BELOW FINISHED CEILING	J5	12	12	8
RATED		BLDG.	BUILDING	J6	16	12	8
		B.O.H. C.	BACK OF HOUSE CONDUIT	J7	18	18	6
		CAT.	CATEGORY				
		CBC	CALIFORNIA BUILDING CODE	J8	20	16	6
		CEC		J9	20	16	8
		COMM. C.L.	COMMUNICATIONS CENTERLINE	J10	20	20	6
		C.O.	CONDUIT ONLY	J11	20	20	8
		CONT.	CONTINUATION	J12	24	20	6
		CS	COMMUNICATIONS SYSTEM	J13	24	20	8
		(D)	DEMOLISH EXISTING	J14	24	24	8
		DED	DEDUCTIVE	J15	30	24	8
		\Box , DIA.	DIAMETER	J16	30	30	8
		DIV	DIVISION	J17	36	30	
		(E) EA.	EXISTING EACH	J I /	00	50	8
		EIA	ELECTRONIC INDUSTRIES ASSOCIATION	SUFFIX:			
		ELEV.	ELEVATION	NONE - NEMA 1	C - NE	MA 4	
		E.O.L.	END OF LINE	A - NEMA 12	D - NE	MA 4X	
		EQPT.	EQUIPMENT	B - NEMA 3R			
		FIN	FINISHED	EXAMPLE: J16C= 30"H			
		FUT	FUTURE				
		H.R.	HOME RUN	<u>NOTE 1</u>			
		HT. IDF.	HEIGHT INTERMEDIATE DISTRIBUTION FACILITY			•	
		J, JBOX	JUNCTION BOX	WITHOUT PRE-PUNCH IN JUNCTION BOXES \$			
		LAN	LOCAL AREA NETWORK	AS REQUIRED FOR IN	STALLATION. PAINT	ALL INTERIOR	
		MATV	MASTER ANTENNA TELEVISION	BOXES TO MATCH WA WITH ARCH. PLANS		NATE FINISH	
REPEAT RELAY		MAX.	MAXIMUM	WITH ARON. T LANG			
XLR CONNECTOR, 3	PIN. FEMALE: MALE	MIN.	MINIMUM				
XLR CONNECTOR, 4		MOD.	MODULAR				
	NNECTOR, FEMALE; MALE	MON.	MONUMENT				
BNC CONNECTOR, 7	5 OHMS IMPEDANCE	(N)	NEW				
DIN CONNECTOR, M	IDI STANDARD	NEC N.I.C.	NATIONAL ELECTRICAL CODE NOT IN CONTRACT				
1/4" PHONE CONNEC	TOR	NTS					
			NOT TO SCALE				
	NDING POSTS	O.C.	NOT TO SCALE ON CENTER				
	NDING POSTS	O.C. O.D.					
TYPE "F" CONNECTO	DR	O.D. O.F.E.	ON CENTER OUTSIDE DIAMETER UNIVERSITY FURNISHED EQUIPMENT				
	OR TION AT CIRCUIT	O.D. O.F.E. OPP.	ON CENTER OUTSIDE DIAMETER UNIVERSITY FURNISHED EQUIPMENT OPPOSITE				
TYPE "F" CONNECTO RESISTIVE TERMINA	OR TION AT CIRCUIT IPEDANCE	O.D. O.F.E. OPP. OFCI	ON CENTER OUTSIDE DIAMETER UNIVERSITY FURNISHED EQUIPMENT OPPOSITE OWNER FURNISHED, CONTRACTOR INSTALLED				
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Fa M 351 (41)	mith, ause cDonald In 8th Street, San Francisco, (5) 255-9140 Fax (415) 255 w.sfmi.com info@sfmi.co	CA 94103 -9180
STAMP		
Naz E	2: BIC	SNICHT LONSO
03/ DATE	11/2021 RAY ENRIQU REGIS. NO. 2 EXPIRES 12	JEZ 106011
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
STRUCTURAL	: ZFA STRUCTURAL ENGINEEF 1390 EL CAMINO REAL STE 1 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	5
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
AUDIO/VISUAL	:: SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAL T: (415) 255-9140	
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	II
NO. ISSUED FOI	DESCRIPTION R PERMIT	DATE 04/01/2021
PUBL	SINGTON FIRE PROTECTION D IC SAFETY BUILDING	ISTRICT
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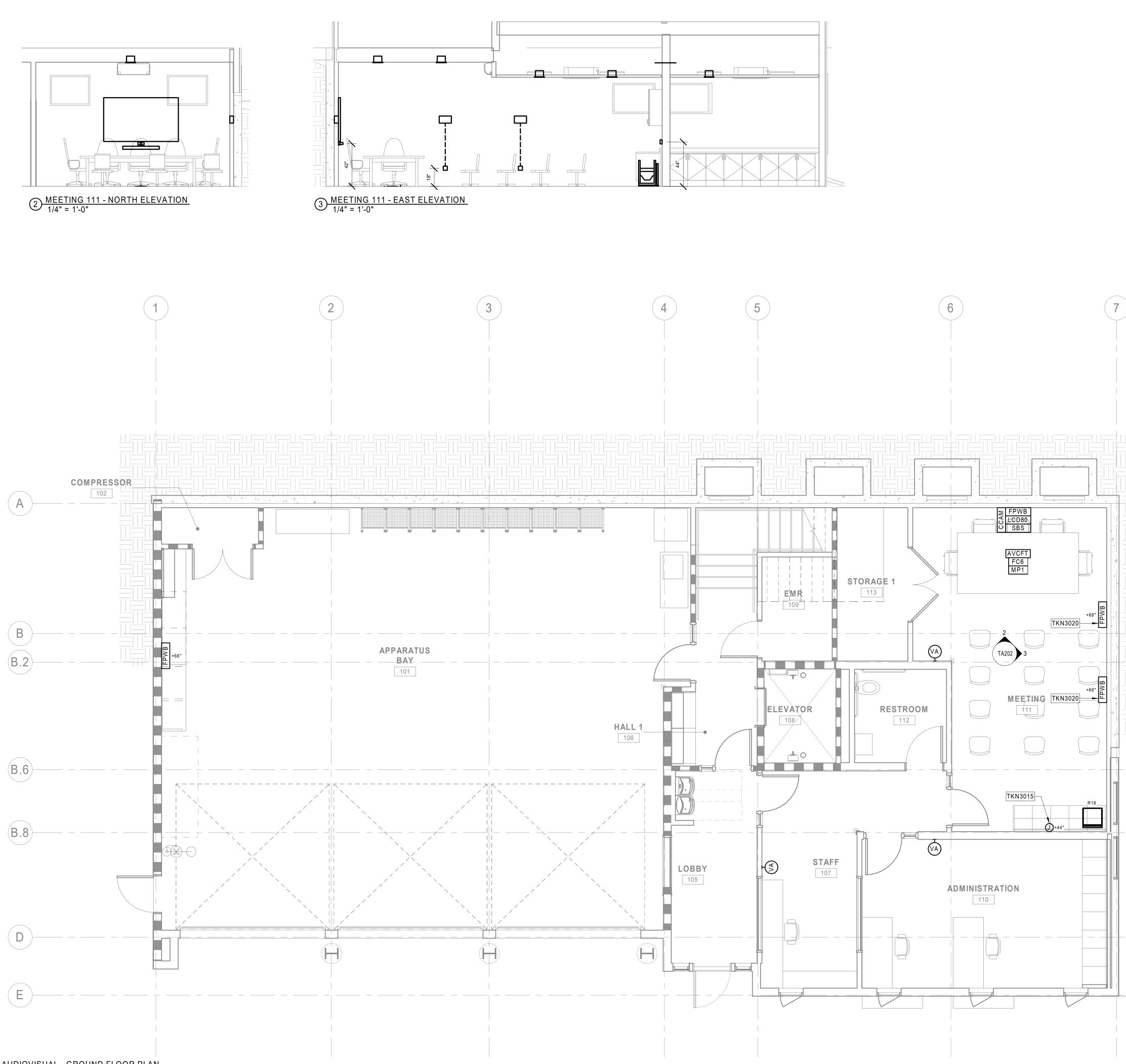
SYMBOL	DEVICE	FUNCTION OR SERVICE	LOCATION	WORK OF	ROUGH-IN	RACEWAY	ELEVATION	CABLE FILL & HOMERUN DESTINATION, U.O.N.	FINISH	WEIGHT, LB	DETAIL SHEET(S)
	WALL SLEEVE/CONDUIT	PATHWAY	INDICATED	27 05 33	N/A	R11		0.0.11.			
(A)	ASSISTIVE LISTENING SYSTEM EMITTER	AUDIO-VISUAL SYSTEMS	CEILING	27 41 16	MANUFACTURER'S PROPRIETARY MOUNT/FRAME	R5	CEILING	PER FUNCTIONAL AND AS NOTED.	WHITE	2	N/A
AVCFT	FLIP-TOP CONTROL PANEL W/ INTEGRAL CABLE COLLARS	AUDIO VISUAL SYSTEMS	TABLE	27 41 16	MANUFACTURER'S PROPRIETARY BACKBOX.	PROVIDE DETACHABLE UMBILICAL FROM MICROPHONE AT TABLE SURFACE TO FLOORBOX BELOW	TABLE SURFACE	PER FUNCTIONAL AND AS NOTED.	PER ARCHITECT	5	N/A
BMIC	BOUNDARY MICROPHONE, WALL-MOUNTED	AUDIO VISUAL SYSTEMS	WALL	27 41 16	N/A (TOPSET)	PROVIDE DETACHABLE UMBILICAL FROM MICROPHONE AT TABLE SURFACE TO FLOORBOX BELOW	TABLE SURFACE	PER FUNCTIONAL AND AS NOTED.	BLACK	1	N/A
CCAM	CONFERENCING CAMERA, PTZ	AUDIO VISUAL SYSTEMS	WALL	27 41 16	MANUFACTURER'S PROPRIETARY BACKBOX.	R5	BELOW DISPLAY	PER FUNCTIONAL AND AS NOTED.	BLACK	7	N/A
CBP	AV CONTROL BUTTON PANEL, WALL MOUNTED, WIRED.	AUDIO-VISUAL SYSTEMS	INDICATED	27 41 16	3 GANG BACKBOX WITH 3 GANG RING, 2-1/8" DEEP	R6	+36" A.F.F. TO BOTTOM OF BACKBOX U.O.N.	PER FUNCTIONAL	WHITE	3	
LCD43	FLAT DISPLAY PANEL, 43" DIAGONAL, 16:9 ASPECT RATIO	AUDIO-VISUAL SYSTEMS	FPWB IS FLUSH MTD WALL, PANEL IS SURFACE MOUNTED.	27 41 16	FPWB	(SEE FPWB)	BOTTOM OF TV TO BE 24" ABOVE THE CABINET	PER FUNCTIONAL	BLACK	75	
LCD55	FLAT DISPLAY PANEL, 55" DIAGONAL, 16:9 ASPECT RATIO	AUDIO-VISUAL SYSTEMS	FPWB IS FLUSH MTD WALL, PANEL IS SURFACE MOUNTED.	27 41 16	FPWB	(SEE FPWB)	+60" A.F.F. TO CL, U.O.N.	PER FUNCTIONAL	BLACK	75	
LCD65	FLAT DISPLAY PANEL, 65" DIAGONAL, 16:9 ASPECT RATIO	AUDIO-VISUAL SYSTEMS	FPWB IS FLUSH MTD WALL, PANEL IS SURFACE MOUNTED.	27 41 16	FPWB	(SEE FPWB)	+63" A.F.F. TO CL, U.O.N.	PER FUNCTIONAL	BLACK	75	
LCD80	FLAT DISPLAY PANEL, 80" DIAGONAL, 16:9 ASPECT RATIO	AUDIO-VISUAL SYSTEMS	FPWB IS FLUSH MTD WALL, PANEL IS SURFACE MOUNTED.	27 41 16	FPWB	(SEE FPWB)	+66" A.F.F. TO CL, U.O.N.	PER FUNCTIONAL	BLACK	175	
FC6	FLOOR BOX, CONCRETE SLAB, AT LEAST 1-6 GANG, 2-1 GANG AND 1-3 GANG OPENING, EACH AT LEAST 2-1/8" DEEP. 6" MIN. DEPTH OVERALL. LID ACCEPTS CARPET INSERTS.	AUDIO-VISUAL SYSTEMS	FLUSH IN FLOOR, INDICATED AND/OR SCHEDULED	27 05 33	FLOOR BOX FC6 WITH MANUFACTURERS SLAB ON GRADE TREATMENT AT GRADE CONDITIONS.	R12	FLUSH IN FLOOR	PER FUNCTIONAL	ALUMINUM OR BRUSHED SS EXPOSED TRIM. COORDINATE FLOOR MATERIAL CUT AND INSERT w/ ARCHITECTURAL REPRESENTATIVE.	N/A	TA9.2
FPWB	FLAT PANEL ROUGH-IN BOX	AUDIO VISUAL SYSTEMS	FLUSH IN WALL	27 05 33	FPWB	(2) 1" C. FROM EACH OF (2) LOW VOLTAGE BACKBOXES TO ACCESSIBLE CEILING	SEE DISPLAY SIZE ABOVE FOR ELEVATION A.F.F. TO CL OF FPWB & DISPLAY	PER FUNCTIONAL	WHITE	5	
MP1	WALL PLATE PRESENTER INPUT	AUDIO VISUAL SYSTEMS	INDICATED, FLUSH MOUNTED TO WALL OR TO FLOORBOX	27 41 16	AT WALL, 4-11/16 S WITH 1 GANG RING, 2-1/8" DEEP.	R6	+36" AFF TO BOTTOM OF BACK BOX U.O.N.	PER FUNCTIONAL	WHITE	3	
PMIC	PUBLIC ADDRESS BASE STATION	FIRE ALERT & PUBLIC ADDRESS SYSTEMS	INTERIOR. WORK SURFACE	27 51 16	TOPSET	N/A	TABLE SURFACE	PER FUNCTIONAL	BLACK	5	
R18	UNDERCOUNTER SWING-OUT/PIVOT AUDIOVISUAL RACK, SEISMIC RATED	AUDIO-VISUAL SYSTEMS	FLOOR	27 11 16	SECURE TO SLAB OR CABINET BASE	R1	FLOOR OR CABINET BASE MOUNTED	PER FUNCTIONAL	BLACK	300	
SA	LOUDSPEAKER, CEILING, ACCESSIBLE	FIRE ALERT & PUBLIC ADDRESS SYSTEMS	CEILING	27 51 16	PLENUM RATED BACKBOX AS SPECIFIED IN SECTION 27 51 16.	R2	FLUSH IN CEILING	PER FUNCTIONAL AND AS NOTED	WHITE	10	
SB	LOUDSPEAKER, GYP CEILING	FIRE ALERT & PUBLIC ADDRESS SYSTEMS	CEILING	27 51 16	PLENUM RATED BACKBOX AS SPECIFIED IN SECTION 27 51 16.	R2	FLUSH IN CEILING	PER FUNCTIONAL AND AS NOTED	WHITE	10	
SBS	LOUDSPEAKER, SOUNDBAR TYPE	AUDIO-VISUAL SYSTEMS	ATTACHED TO DISPLAY	27 41 16	N/A	N/A	ATTACHED TO DISPLAY	PER FUNCTIONAL	BLACK	12	
(VA)	WALL MOUNTED CONSTANT VOLTAGE SPEAKER VOLUME CONTROL W/ PRIORITY	FIRE ALERT & PUBLIC ADDRESS SYSTEMS	WALL	27 51 16	4S BOX, 2-1/8" DEEP MIN., W 1 GANG RING	R2	MATCH ELECTRICAL SWITCH HEIGHT.	PER FUNCTIONAL AND AS NOTED	WHITE	1	
W	MUTE OVERRIDE ANTENNA FOR WIRELESS MICROPHONE	AUDIO VISUAL SYSTEMS	CEILING	27 41 16	MANUFACTURER'S PROPRIETARY	R5	CEILING	PER FUNCTIONAL	BLACK	1	N/A
NOTE NO.	SYSTEM DEVICE NOTES FIRE ALERT LIGHTING ROUGH-IN PROVIDES DAISY	CHAINED LRI8	MANUFACTURER'S VENTED BACKBO	OX .	RZ IDF.	END-TO-END, H.R. TO FIRE ALER	T SYSTEM HEAD-END IN		RWISE SHOWN, PROVIDE		,
	UTP6-4P BETWEEN OFE CONTROLLER AND THE W IN EACH LIGHTING ZONE. ZONE INDICATED BY SIN	GLE NUMBER LRI9	4S BOX, 2-1/8" DEEP MIN., W/ 1 GANG HINGED COVER PLATE (FSR WB-MR			SED FAILED AND/OR SCHEDULED		INCHES FROM I	ROAT BUSHING AT EACH FACE OF WALL, AT ELEV	ATION APPRO	XIMATELY 6
DN1	SUBSCRIPT., L1 INDICATES END-OF-LINE AND WAC AND 1 UTP6-4P; L2 INDICATES WAO IS PART OF DA	ISY CHAIN LRI10	NOT USED PROVIDE BACKING AND SUPPORT F		R5 3/4" C. I	H.R. TO ACCESSIBLE CEILING OF	R TO IDF ROOM, U.O.N.	R11 ACCESSIBLE LC	ACCESSIBLE CEILING. II DCATION AS DEFINED IN	CALIFORNIA E	LECTRICAL
	CKT AND HAS 2 JACKS AND ONE ENTERING AND O UTP4-4P – REFER TO SINGLE LINE DIAGRAM.	LRI12	PROVIDE DEVICE COMPLETE WITH E RAILS AND CEILING CUTOUT TEMPL	BACKBOX, TILE ATE. COMPLY V	R6 1" C. H.	.R. TO ACCESSIBLE CEILING OR ⁻ C. H.R. TO ACCESSIBLE CEILING (UNDER WORK (E 100 DEFINITIONS. PRON OF SECTION 27 05 33. BC 26 AND SECTION 27 05 2	ND TO GROUN	ID. COMPLY
WO1	WORK OF NOTES PROVIDE CABLING AND ROUGH-IN UNDER WORK OF LIGHTING FIXTURE PROVIDED BY OWNER'S CONTRA	PROJECT – LRI13	09 50 11 ACOUSTICAL PANEL CEILIN PROVIDE BACKING IN WALL SUITABI DEVICE WITH A LOAD CENTROID 18 THE WALL.	LE TO SUPPOR	THE FACE OF R9 IN GYP	SED CESSIBLE CEILING, PROVIDE J-HO CEILING OR OPEN CEILING, PRO ONDUIT FOR 40% FILL.		R12 FLOOR. SEE EL ROUGH-IN TO 3	0 (2) 1" C. STUBBED TO A LECTRICAL DRAWINGS F GANG COMPARTMENT. EILING IS A T-BAR OR SIM	OR ELECTRIC	AL.
	(N.I.C} LOCATION & ROUGH-IN NOTES INSTALLED ASSEMBLY, INCLUDING MONITOR SHALL	LRI14	PROVIDE BACKING IN WALL SUITABI POUND DEVICE WITH A LOAD CENT FACE OF THE WALL.		FROM THE R10 COMPA	C TO 4 GANG COMPARTMENT, 1 ARTMENT, STUBBED TO ACCESSI D TO SERVER ROOM USING BASI	IBLE CEILING OR FLOOR KET TRAY. SEE	PANELIZED REI FOR ACCESSIB	MOVEABLE CEILING MEE LE WIRING METHODS IN ECTRICAL CODE.	TING THE DEF	INITION
LRI1	PROJECT MORE THAN 4" FROM FACE OF WALL. IF LI EDGE 27" TO 80" AFF	EADING L RI15	AS DETAILED AND/OR SCHEDULED (DRAWINGS.	ON THE ARCHIT	ECTURAL ELECTI	RICAL DRAWINGS FOR ELECTRIC	Cal Rough-In.				
LRI3	MATCH PROJECT SWITCH HEIGHT 4S BOX W/ 1 GANG RING BLANK COVER PLATE NOT USED		RACEWAY NOTES								
LRI5	NOT USED NOT USED		(4) 2" C. TO ABOVE ACCESSIBLE CEI END-TO-END CONDUIT FOR FIRE AL DEVICES		•						

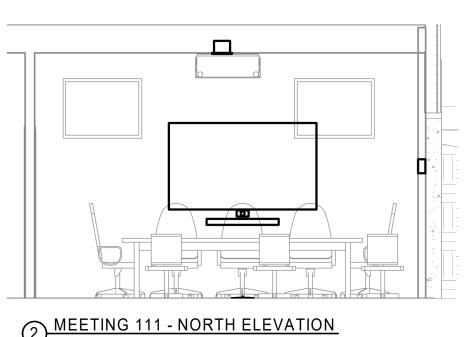
Fa M 351 (41)	mith, ause cDonald In 8th Street, San Francisco, 4 5) 255-9140 Fax (415) 255 w.sfmi.com info@sfmi.co	CA 94103 -9180
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	ss LINGTON AVE. IGTON, CA 9470)7
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
STRUCTURAL	: ZFA STRUCTURAL ENGINEEI 1390 EL CAMINO REAL STE 1 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	5
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
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ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	II
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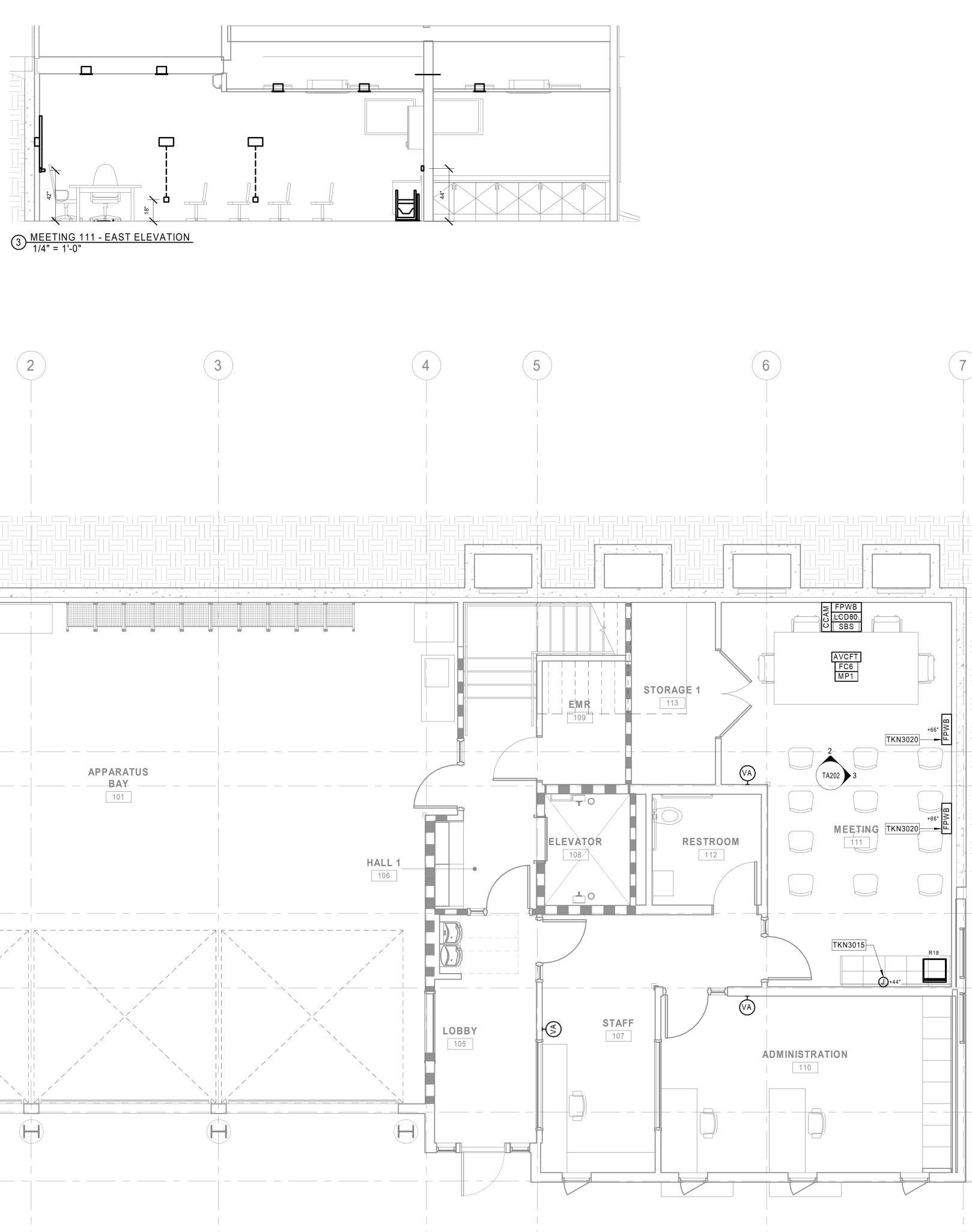


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Smith, KEYNOTES PROVIDE A 4S BOX WITH 2 GANG RING AND BLANK Fause TKN3015 FACEPLATE FLUSHED IN THE WALL, FOR FUTURE AV **McDonald Inc.** CAMERA. STUB 1"C. TO ACCESSIBLE CEILING. PROVIDE (1)1.5" C. DOWN TO A 5S BOX WITH 1 GANG 351 8th Street, San Francisco, CA 94103 TKN3020 RING AND BLANK FACEPLATE. INSTALL 5S BOX AT 18" (415) 255-9140 Fax (415) 255-9180 AFF. www.sfmi.com info@sfmi.com STAMP

EXPIRES 12/31/2022 PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707 PROJECT TEAM KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE CLIENT: KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869 BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 CIVIL: WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 LIST ENGINEERING CO. 2 HARRIS CT STE A7 MEP: MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626

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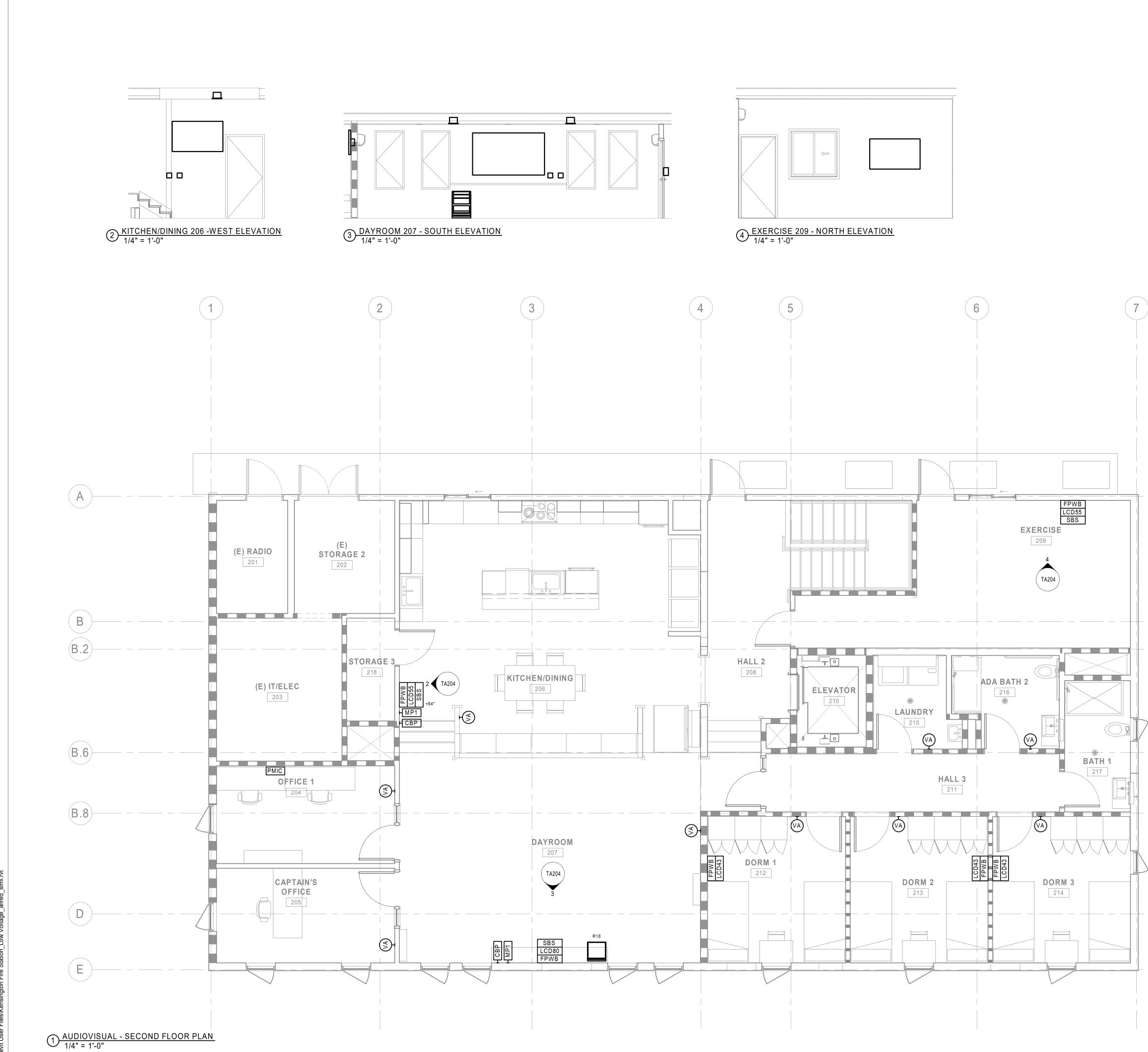
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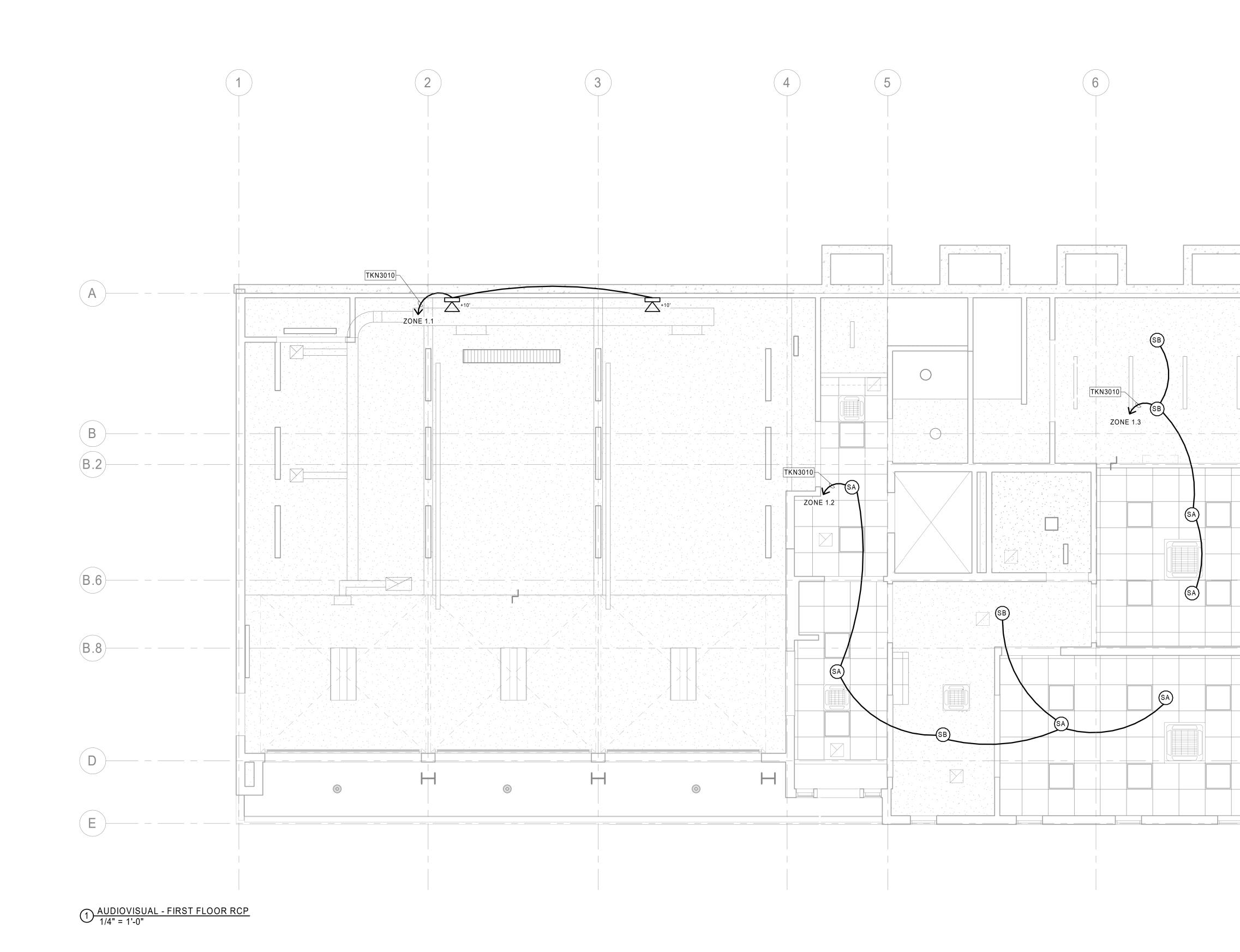
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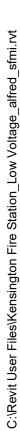
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	15) 255-9140	San Francisco, () Fax (415) 255-	9180
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PROJECT TEAM CLIENT:	KENSINGTO		
	217 ARLING KENSINGTO	DN, CA 94707	
	T: (415) 378		
ARCHITECT	930 COLE S SAN FRANC	ARCHITECTURE STREET STE 101 CISCO, CA. 94117	
STRUCTUR	T. (415) 522	KAREN MAR -0600 :TURAL ENGINEER	S
311001017	1390 EL CA SAN CARLO	MINO REAL STE 10 DS, CA 94070 MATT FRANTZ	
CIVIL:	T: (650) 394	-8869	
	1646 N. CAL WALNUT CI	LIFORNIA BLVD ST REEK, CA 94596 ERIC SWANSON	E 400
GEOTECH:	T: (925) 940 HALEY ALD	-2200	
	OAKLAND,	TER ST #300 CA 94612 CATHERINE ELLIS	
MEP:		EERING CO.	
	2 HARRIS C MONTEREY CONTACT:	′, CA 93940 RON BLUE	
AUDIO/VISU		SE MCDONALD IN	С.
		CISCO, CA 94103 PETER MCDONALI	C
ESTIMATOR	: MICROEST	MATION INC. NESS AVE, #26	
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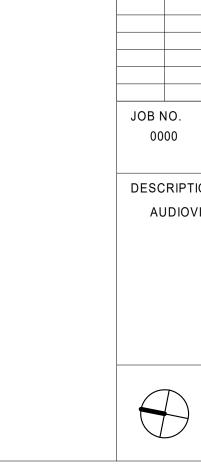


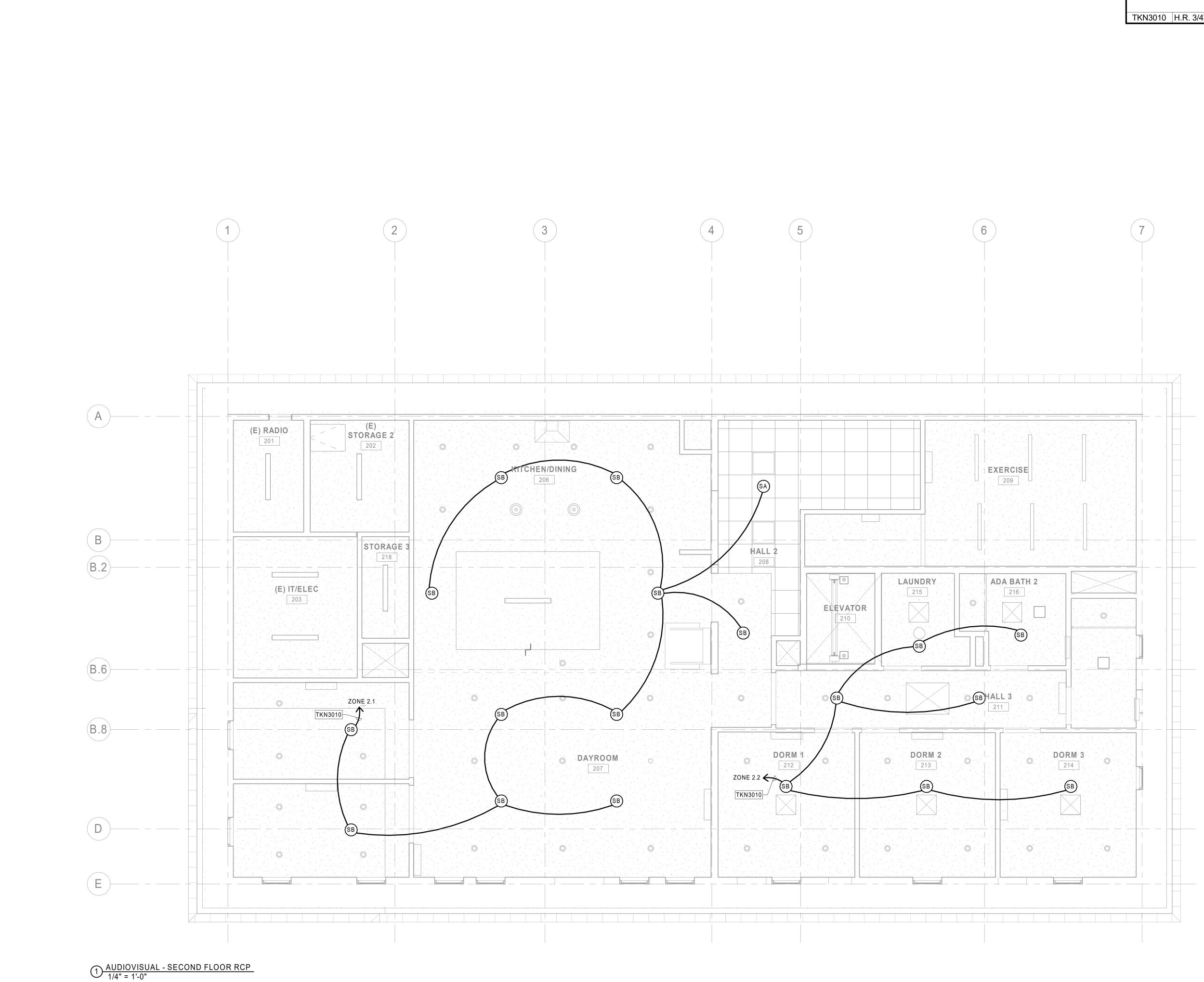


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TKN3010 H.R. 3/4" C. TO RACK IN IT ROOM 203.

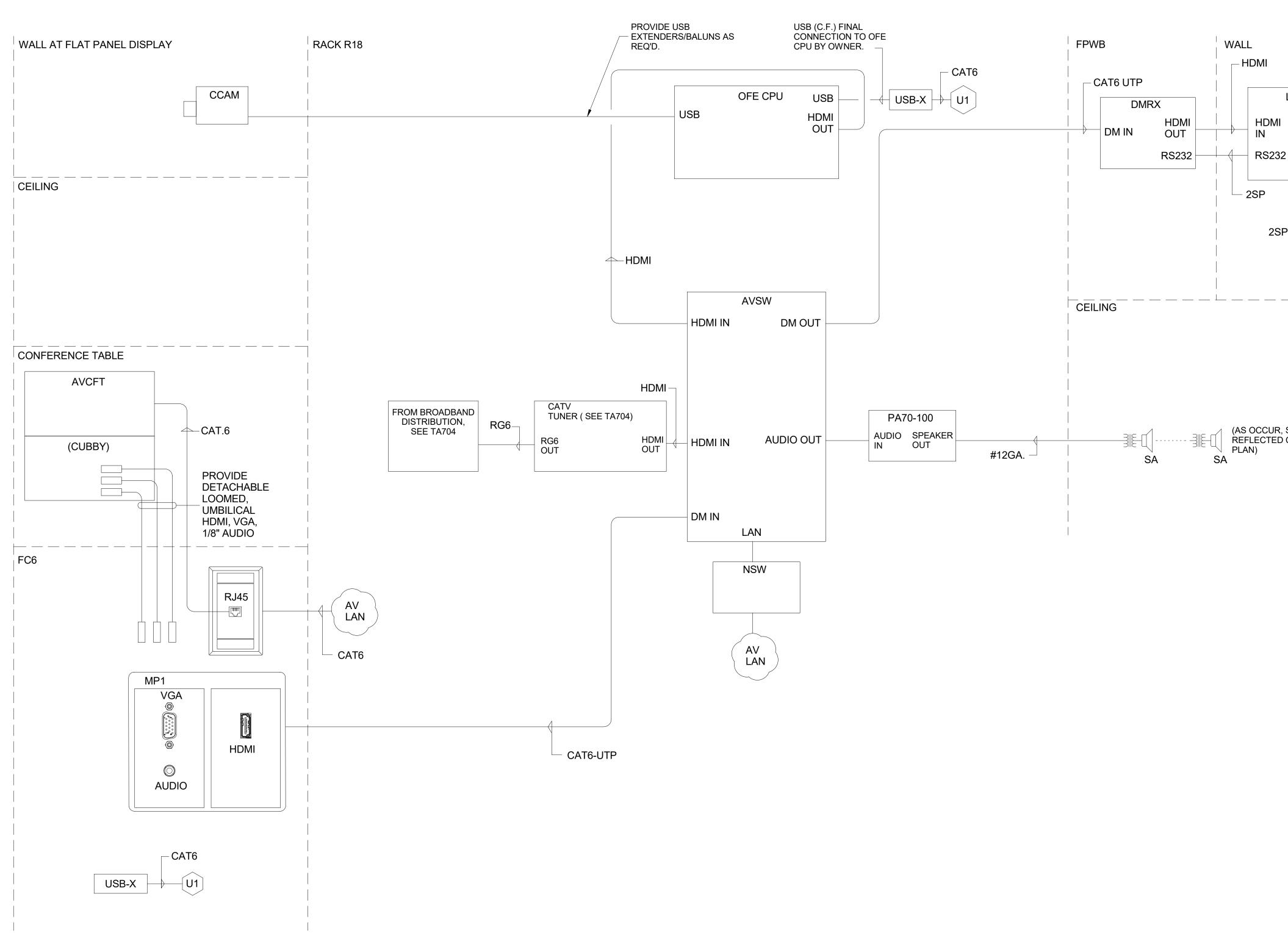
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(41	8th Street, San Francisco, (5) 255-9140 Fax (415) 255- w.sfmi.com info@sfmi.co	-9180
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PROJECT ADDRE	LINGTON AVE.	
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PROJECT TEAM		
CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707	
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NO.	DESCRIPTION	DATE
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TKN3010 H.R. 3/4" C. TO RACK IN IT ROOM 203.

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DATE	I1/2021 RAY ENRIQU REGIS. NO. ⁻ EXPIRES 12/	106011
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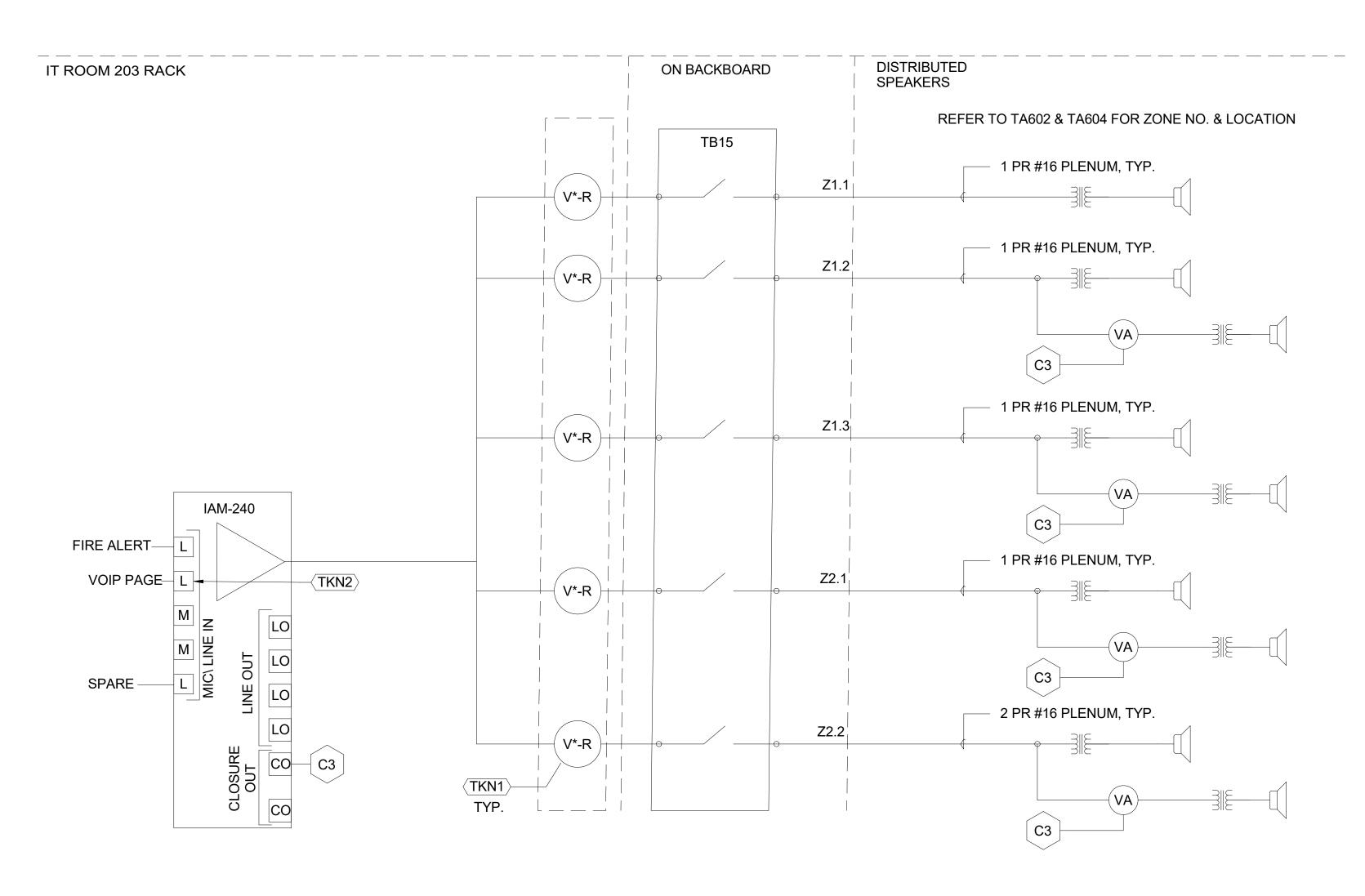


MEETING ROOM 111 AUDIOVISUAL FUNCTIONAL DIAGRAM

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PROJECT ADDRES	1/2021 RA RE EX	Y ENRIQUEZ GIS. NO. 106011 PIRES 12/31/2022
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PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTR 217 ARLINGTON AVE KENSINGTON, CA 94 CONTACT: BILL HAN T: (415) 378-9064	E 1707
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1 PUBLIC ADDRESS SINGLE LINE DIAGRAM

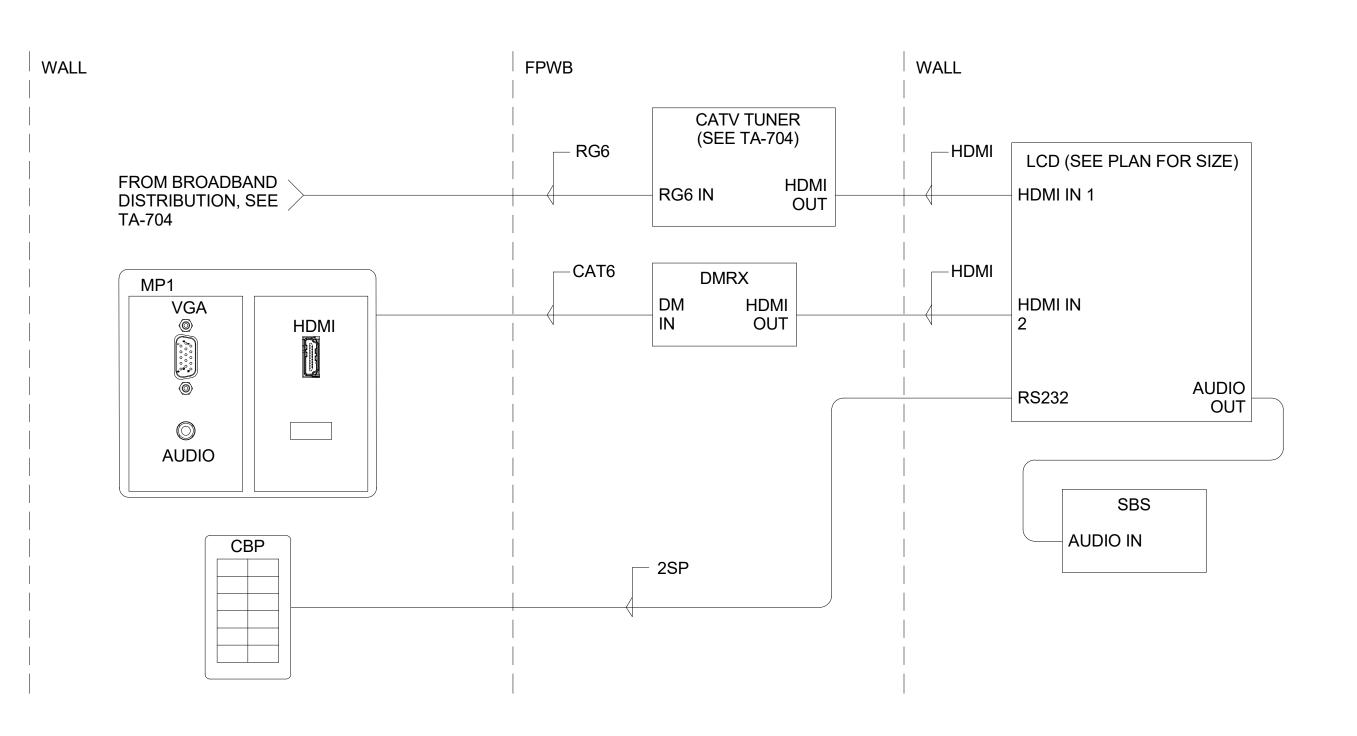
SHEET NOTES

- 1 THE PAGING SYSTEM UTILIZES A 70V DISTRIBUTION SYSTEM. REFER TO SPEC. SECTION 27 51 16 FOR OTHER REQUIREMENTS.
- 2 ON RECEIPT OF CLOSURE, WALL MTD VA AND VB ATTENUATORS DROP OUT OF CIRCUIT, PERMITTING UNATTENUATED SIGNAL TO PASS TO SPEAKERS.

KEYNOTES

- TN COMMUNICATIONS SYSTEMS COMPLY WITH DIVISION 27.
- TKN1 RACK MOUNTED VOLUME CONTROL. SIZE TO MATCH CONNECTED LOAD.
- **TKN2** PROVIDE TOA ZP-001T TELEPHONE ZONE PAGING MODULE TO BE USED TO RECEIVE PAGING INPUT FROM THE VOIP SYSTEM.

	mith, ause IcDonald I	ne
35	1 8th Street, San Franciso 15) 255-9140 Fax (415) 2	co, CA 94103
	ww.sfmi.com info@sfm	
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	GEO CO	
pag ?	THISUTIO	N DESIGN
0 DATE		RIQUEZ NO. 106011 S 12/31/2022
	ESS LINGTON AVE NGTON, CA 94	
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
ARCHITECT:	MARJANG ARCHITECTUR 930 COLE STREET STE 10 SAN FRANCISCO, CA. 941 CONTACT: KAREN MAR T. (415) 522-0600	D1
STRUCTURA	L: ZFA STRUCTURAL ENGIN 1390 EL CAMINO REAL ST SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	ΓE 100
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVI WALNUT CREEK, CA 9459 CONTACT: ERIC SWANSO T: (925) 940-2200	96
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE E T: (510) 879-4544	LLIS
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
AUDIO/VISUA	L: SMITH FAUSE MCDONAL 351 8TH STREET SAN FRANCISCO, CA 941 CONTACT: PETER MCDO T: (415) 255-9140	03
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #2 SAN FRANCISCO, CA 941 CONTACT: HENRY TOOR T: (415) 826-9626	10
NO.	DESCRIPTION	DATE 12/17/2021
	DR PERMIT	04/01/2021
DESCRIPTION	LIC SAFETY BUILDING	
PUBLIC ADDF	RESS SINGLE LINE DIAGRAN	1
(TA7 ()2

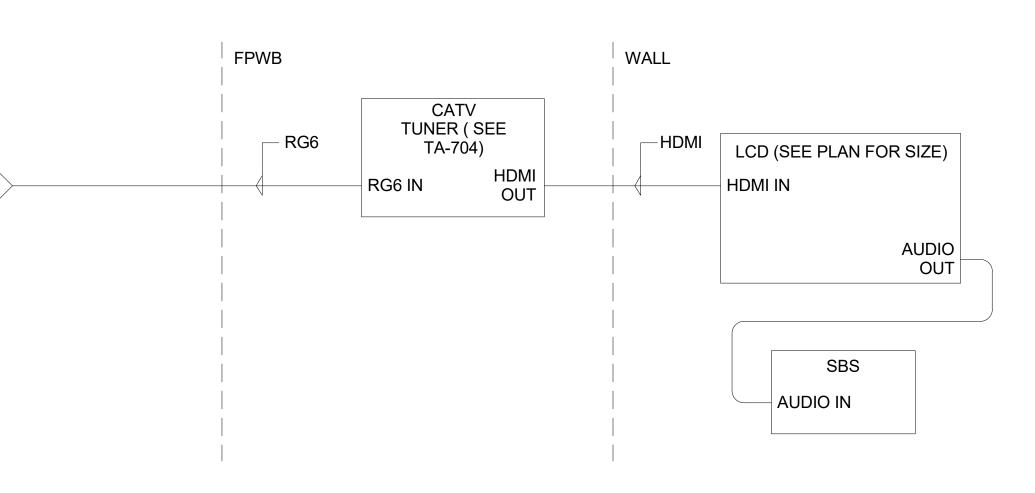


WALL

FROM BROADBAND DISTRIBUTION, SEE TA-704

(1

DAYROOM & KITCHEN/DINING **AUDIOVISUAL FUNCTIONAL DIAGRAM** NTS

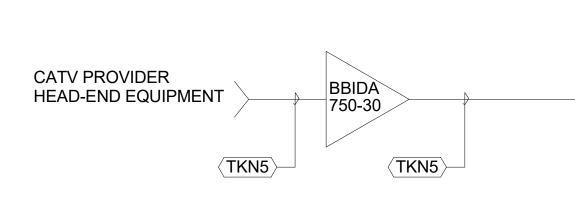


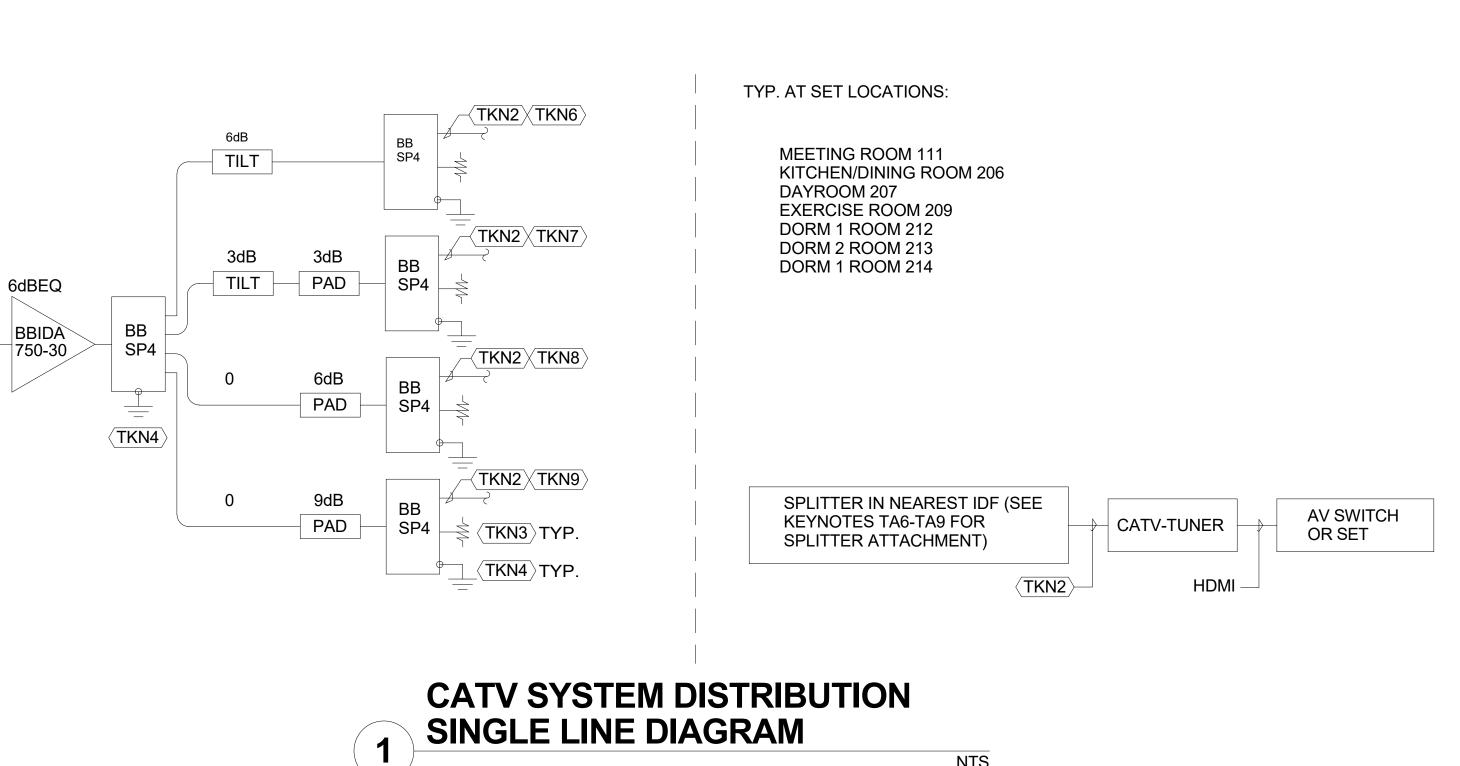
EXERCISE ROOM 2 AUDIOVISUAL FUNCTIONAL DIAGRAM

NTS

	Fa M 351 (415	8th Street, 5) 255-9140	San Francisco, (Fax (415) 255 n info@sfmi.co	CA 94103 9180
ST 		7. 7~~ 1/2021	BUTION DE	JEZ
2 K	ENSIN	INGT	DN AVE. , CA 9470	31/2022
	IECT TEAM LIENT:	217 ARLING KENSINGTO	ON DISTRICT TON AVE ON, CA 94707 BILL HANSELL	
AF	RCHITECT:	930 COLE S SAN FRANC	ARCHITECTURE TREET STE 101 DISCO, CA. 94117 KAREN MAR -0600	
SI	RUCTURAL:	1390 EL CA SAN CARLO	TURAL ENGINEEF MINO REAL STE 10 0S, CA 94070 MATT FRANTZ -8869	
CI	VIL:	WALNUT CI	IFORNIA BLVD ST REEK, CA 94596 ERIC SWANSON	E 400
GI	EOTECH:	OAKLAND,	TER ST #300 CA 94612 CATHERINE ELLIS	
MI	EP:	LIST ENGIN 2 HARRIS C MONTEREY CONTACT: T: (831) 373	′, CA 93940 RON BLUE	
Al	JDIO/VISUAL:	351 8TH ST SAN FRANC	CISCO, CA 94103 PETER MCDONAL	
ES	STIMATOR:	850 S. VAN SAN FRANC	MATION INC. NESS AVE, #26 CISCO, CA 94110 HENRY TOORYAN -9626	I
NO.	ISSUED FOR	DESCRIPT PERMIT	ION	DATE 04/01/2021
JOB 1 00	00 KENS	INGTON FIRI C SAFETY B	E PROTECTION DI UILDING	STRICT
D	RIPTION AYROOM, KIT / FUNCTIONA		G & EXERCISE RC S	OM
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BACKBOARD MOUNT IN IT ROOM 203. SEE TN-401



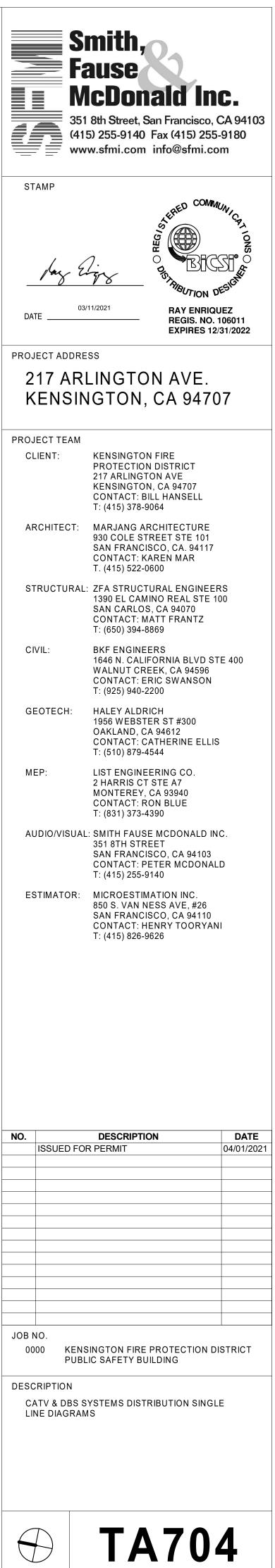


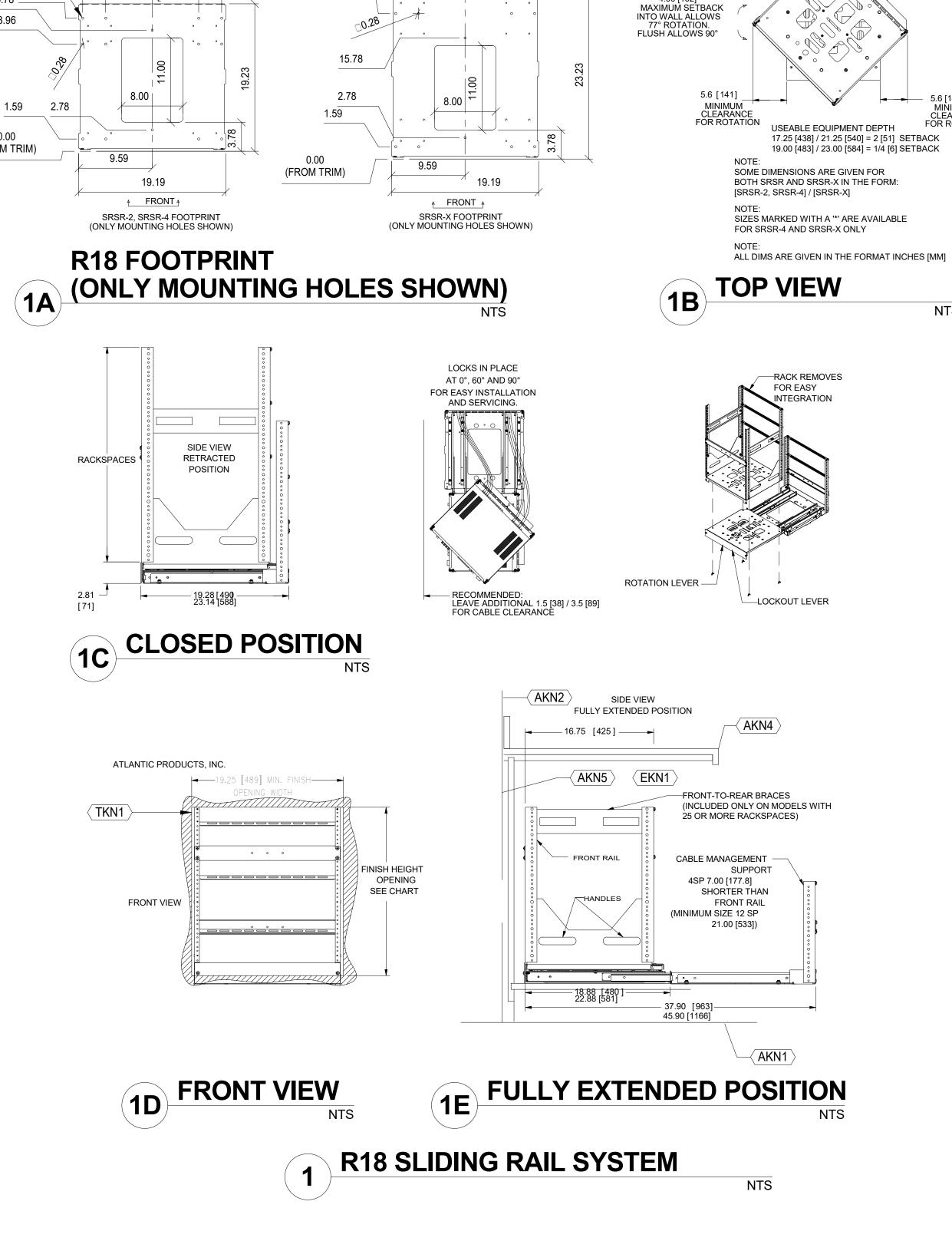
	RG6 LOSS AND EQUALIZATION	
--	----------------------------------	--

	50 FEET	100 FEET	150 FEET	200 FEET	250 FEET	RANGE
RG6 LOSS AT 55 MHZ	0.94	1.88	2.82	3.76	4.7	3.76
RG6 LOSS AT 450 MHZ	2.14	4.28	6.42	8.56	10.7	8.56
RG6 LOSS AT 750 MHZ	2.81	5.62	8.43	11.24	14.05	11.24
STATION CABLE SLOPE	-1.87	-3.74	-5.61	-7.48	-9.35	7.48
50 FT FEEDER SLOPE	-1.87	-1.87	-1.87	-1.87	-1.87	
BBIDA EQUALIZER SLOPE	6	6	6	6	6	0
BBSP4 OUTPUT PLUS CABLE SLOPE	2.26	0.39	-1.48	-3.35	-5.22	
TILT EQUALIZER	0	0	0	3	6	6
RECEPTACLE TILT AT 750 MHZ	2.26	0.39	-1.48	-0.35	0.78	3.74

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SHE	ET NOTE
1	WHERE CABLING IN PLENUM VOID IS NOT INSTALLED IN CONDUIT, PROVIDE PLENUM RATED CABLING.
KEY	NOTES
TKN	AUDIO VISUAL SYSTEMS: COMPLY WITH DIVISION 27.
$\langle TKN1 \rangle$	REFER TO 'TV' PLATES ON PLANS FOR EXACT LOCATIONS AND QUANTITY.
$\langle TKN2 \rangle$	PROVIDE TYPE RG6 TRIPLE SHIELD CABLE HOME RUN FROM EACH MATV DEVICE.
$\langle TKN3 \rangle$	TERMINATE ALL UNUSED PORTS.
$\langle TKN4 \rangle$	BOND BROADBAND PASSIVES TO GROUND.
$\langle TKN5 \rangle$	PROVIDE TYPE RG11 TRIPLE SHIELD CABLE.
$\langle TKN6 \rangle$	CONNECT DEVICES WITH CABLE LENGTH IN APPROXIMATE RANGE OF 200 TO 275 FEET.
$\langle TKN7 \rangle$	CONNECT DEVICES WITH CABLE LENGTH IN APPROXIMATE RANGE OF 150 TO 200 FEET.
$\langle TKN8 \rangle$	CONNECT DEVICES WITH CABLE LENGTH IN APPROXIMATE RANGE OF 100 TO 150 FEET.
(TKN9)	CONNECT DEVICES WITH CABLE LENGTH IN APPROXIMATE RANGE OF 50 TO 100 FEET.





18.12

12.12

22.34

18.96

18.12

12.12

TKN2

15.78 17.34

1.59

0.00

(FROM TRIM)

13.96

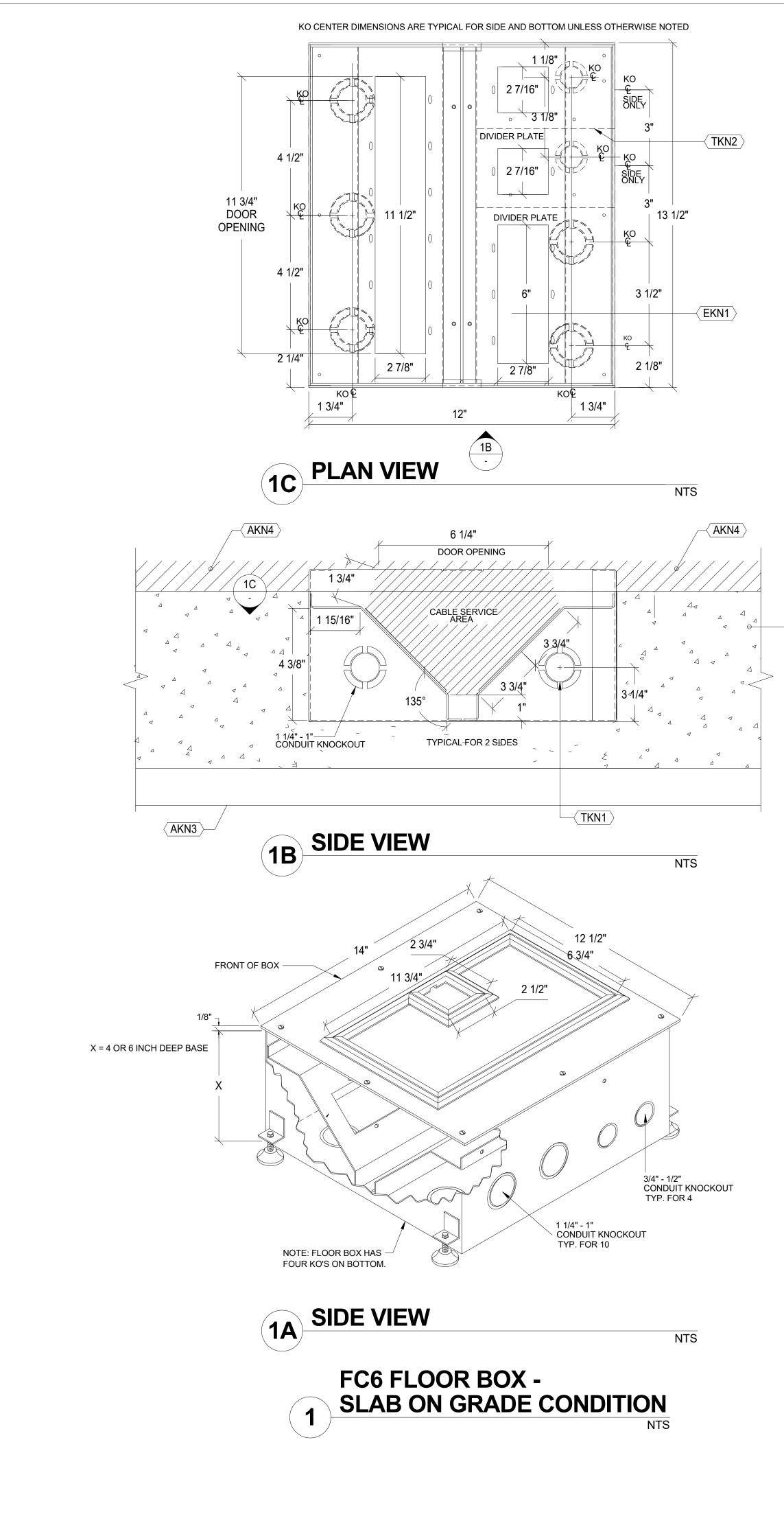
TOP VIEW OPEN, SHOWN ROTATED 45° 2.00 [51] _____ 4.00 [102] MAXIMUM SETBACK INTO WALL ALLOWS 77° ROTATION. FLUSH ALLOWS 90° 5.6 [141]
 MINIMUM
 CLEARANCE
 FOR ROTATION < -> USEABLE EQUIPMENT DEPTH FOR F 17.25 [438] / 21.25 [540] = 2 [51] SETBACK 19.00 [483] / 23.00 [584] = 1/4 [6] SETBACK SOME DIMENSIONS ARE GIVEN FOR BOTH SRSR AND SRSR-X IN THE FORM: [SRSR-2, SRSR-4] / [SRSR-X] SIZES MARKED WITH A '*' ARE AVAILABLE FOR SRSR-4 AND SRSR-X ONLY

NTS

REV	DESCRIPTION	REV BY	REV DATE	APP'D BY	DATE APP.
-	PRODUCTION RELEASE	//////		JJP	03/08/02
А	EC 041702-02	LM	04/17/02	JJP	04/18/02
В	EC 111502-01	LM	12/04/02	JJP	12/04/02
С	SEE EC 021003-02	RBM	02/11/03	JJP	02/12/03
D	SEE EC 052003-01	RBM	05/08/03	JJP	05/20/03
Е	SEE EC 071003-03	BKW	08/01/03	JJP	08/07/03
F	SEE EC 102803-01	NC	10/30/03	BKW	10/30/03
G	SEE EC 033004-05	BKW	06/04/04	RE	07/20/04
Н	SEE EC 111904-01	RBM	11/16/04	JJP	11/24/04
J	SEE EC 101805-05	RBM	10/13/05	JJP	10/31/05

USEABLE	FINISH HEIGHT
RACKSPACES	OPENING
12	23.95 [608]
13	25.70 [653]
14	27.45 [697]
15	29.20 [742]
16	30.95 [786]
17	32.70 [831]
18	34.45 [875]
19	36.20 [920]
20	37.95 [964]
21	39.70 [1008]
22	41.45 [1053]
23	43.20 [1097]
24	44.95 [1142]
25 *	46.70 [1186]
26 *	48.45 [1231]
27 *	50.20 [1275]
28 *	51.95 [1320]
29 *	53.70 [1364]
30 *	55.45 [1408]

KEYN	DTES		Smith,	0	
AKN	ARCHITECTURAL: DIVISIONS 3 THROUGH 14.		Fause	X2	
$\langle \text{AKN1} \rangle$	FINISHED FLOOR, SEE ARCHITECTURAL DRAWINGS.		McDor	nald In	C.
$\langle AKN2 \rangle$	FINISHED WALL, SEE ARCHITECTURAL DRAWINGS.		351 8th Street, (415) 255-9140	San Francisco, () Fax (415) 255	
$\langle AKN3 \rangle$	NOT USED.		www.sfmi.com		
(AKN4)	ARCHITECTURAL WOODWORK ELEMENT SHOWN AT THIS VIEW WITHOUT DOOR FOR CLARITY.	STAMP		RED COMM	INI2
AKN5	UNDER WORK OF SECTION 06400 ARCHITECTURAL WOODWORK, PROVIDE OPENINGS IN CASEWORK TO COORDINATE WITH AUDIO VISUAL TERMINAL CABINET, POWER RECEPTACLE, AND TELECOMMUNICATIONS RECEPTACLE TO ALLOW WIRING TO PASS TO THE INTERIOR OF THE CASEWORK ELEMENT. PROVIDE OPENINGS FOR HEAT MANAGEMENT.		03/11/2021	RAY ENRIQU	IEZ 06011
	ELECTRICAL: DIVISION 26.	PROJECT AI		EXPIRES 12/	31/2022
EKN	QUADPLEX POWER RECEPTACLE, NEMA 5-15R. SEE ELECTRICAL		ARLINGTO	ON AVE.	
(EKN1)	DRAWINGS FOR CIRCUITING.		SINGTON		7
TKN	AUDIOVISUAL SYSTEMS: COMPLY WITH DIVISION 27.	PROJECT TE CLIENT:	EAM KENSINGTO		
(TKN1)	PROVIDE 3' SIDE ACCESS. COORDINATE ACCESS IN FIELD WITH PROVIDED CASE WORK.	OLIENT.	PROTECTIC 217 ARLING KENSINGTC CONTACT: I	N DISTRICT TON AVE N, CA 94707 BILL HANSELL	
(TKN2)	FASTEN R18 TO ARCHITECTURAL WOODWORK BOTTOM WITH 8 EACH #8 X 3/4" PAN HEAD SHEET METAL SCREWS, EACH WITH 1/4" FLAT WASHER, 4 SCREWS IN FRONT HOLES OF FIXED MOUNTING PAN AND 4 SCREWS IN REAR HOLES OF FIXED MOUNTING PAN.	ARCHITE	930 COLE S	ARCHITECTURE TREET STE 101 SISCO, CA. 94117 KAREN MAR	
		STRUCTI	SAN CARLO CONTACT: I	MINO REAL STE 10 S, CA 94070 MATT FRANTZ	
		CIVIL:	WALNUT CF		E 400
		GEOTEC	1956 WEBS OAKLAND, (CONTACT: (RICH TER ST #300 CA 94612 CATHERINE ELLIS	
		MEP:	T: (510) 879- LIST ENGIN 2 HARRIS C MONTEREY CONTACT: F	EERING CO. T STE A7 , CA 93940	
		AUDIO/VI		SE MCDONALD IN	
		ESTIMAT	T: (415) 255- OR: MICROESTI 850 S. VAN I		
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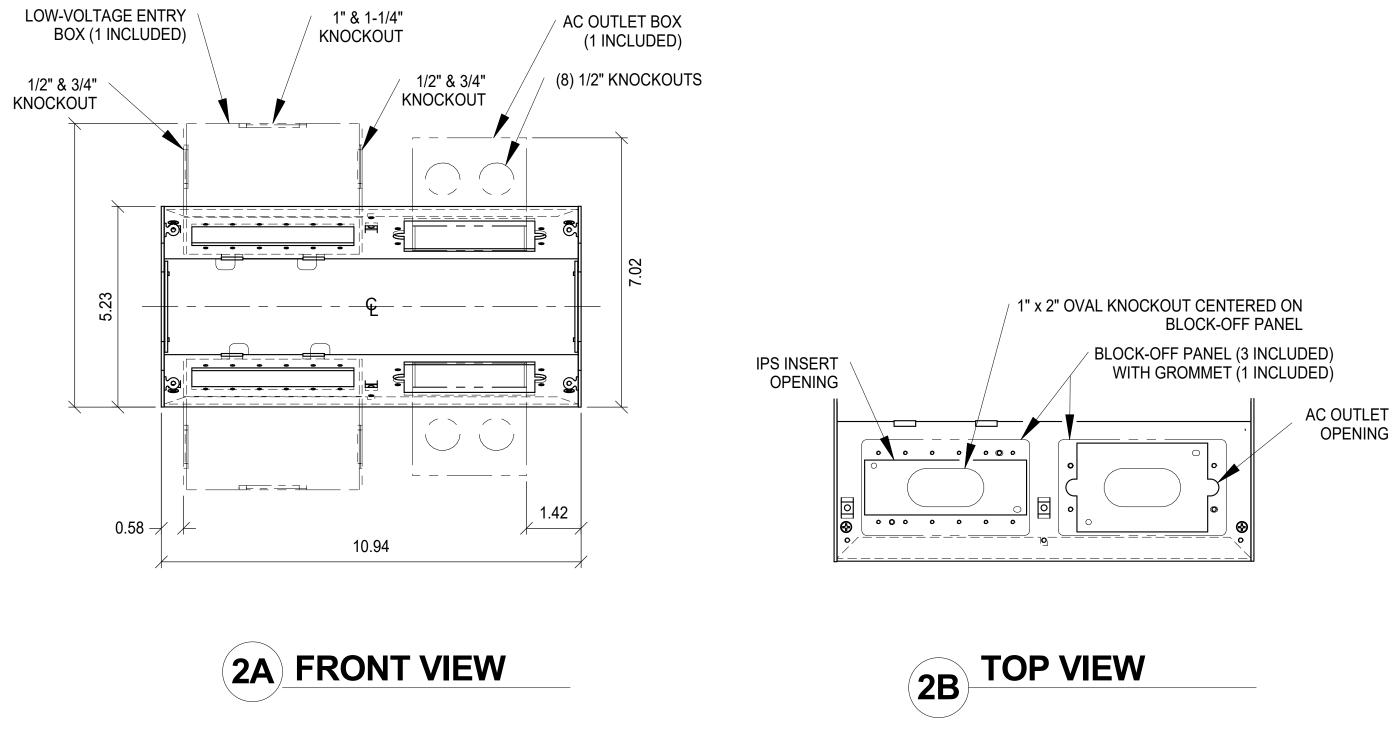
SHEET NOTES

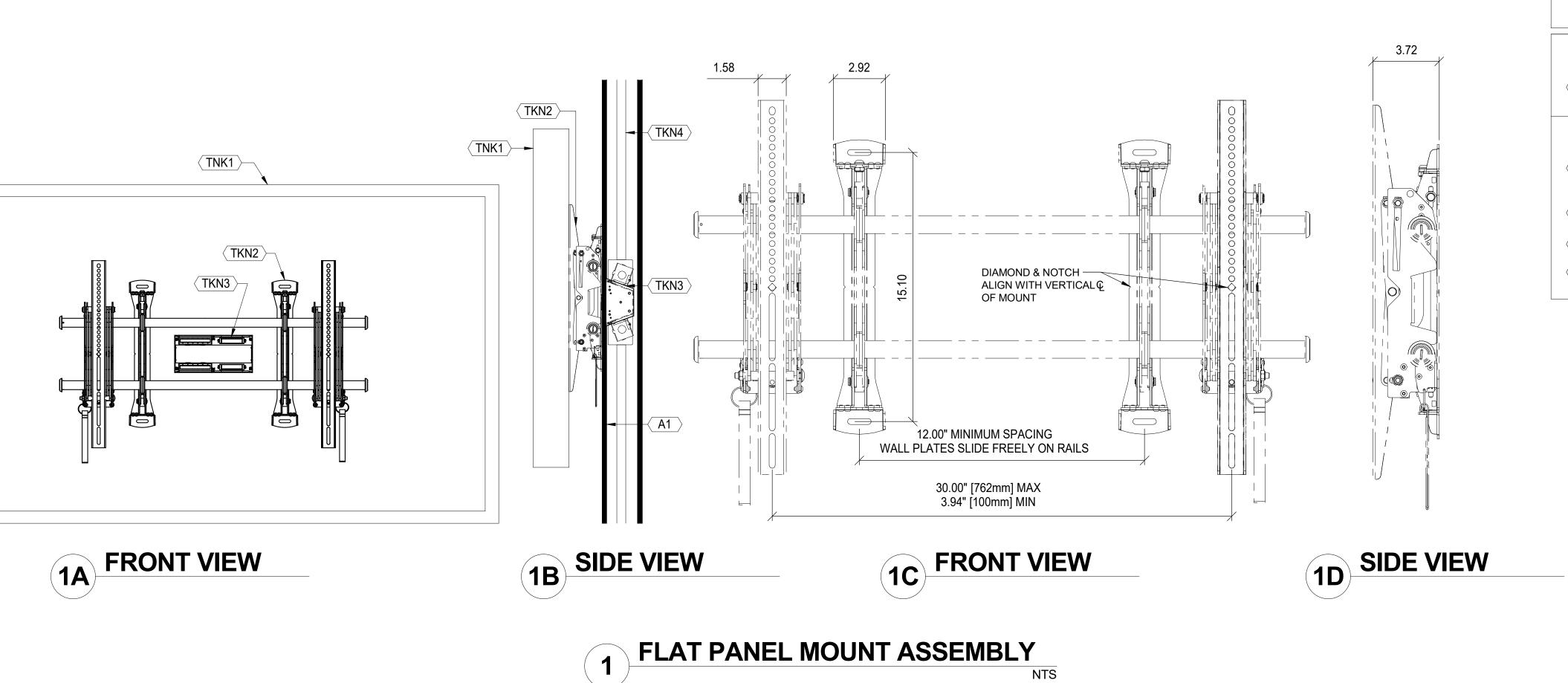
CONTRACTOR TO CONTACT FLOOR BOX MANUFACTURER FOR INSTALLATION INSTRUCTIONS PRIOR TO ROUGH-IN.

KEYNOT	ES
AKN	ARCHITECTURAL: DIVISIONS 3 THROUGH 14.
(AKN1)	SLAB - SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
$\langle AKN2 \rangle$	NOT USED.
(AKN3)	MOISTURE BARRIER - SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
(AKN4)	CARPET OR SCHEDULED FOOR FINISH. SEE ARCHITECTURAL DRAWINGS - EXTEND OVER FLOOR BOX INTO INSERTS.
EKN	ELECTRICAL: DIVISION 26.
(EKN1)	QUAD ELECTRICAL POWER - SEE ELECTRICAL DRAWINGS.
TKN	COMMUNICATIONS SYSTEMS: CONFORM WITH DIVISION 27 AND 28.
	BOX ACCEPTS 2-1/8" DEEP MIN. DEVICES.
$\langle TKN2 \rangle$	CLASS 1/CLASS 2 BARRIER.

Fa M 351 (41)	8th Street, 5) 255-9140	San Francisco Fax (415) 25 n info@sfmi.o	o, CA 94103 55-9180		
STAMP	2. 78	BECON	MUNICATIONS		
03, DATE	/11/2021	RAY ENRI REGIS. NO EXPIRES	D. 106011		
	LINGT	DN AVE. , CA 947			
PROJECT TEAM CLIENT:	217 ARLING KENSINGT	ON DISTRICT STON AVE ON, CA 94707 BILL HANSELL			
ARCHITECT:	930 COLE S SAN FRANC	ARCHITECTURE STREET STE 101 CISCO, CA. 9411 KAREN MAR -0600			
STRUCTURAL	: ZFA STRUC 1390 EL CA SAN CARLO	TURAL ENGINE MINO REAL STE)S, CA 94070 MATT FRANTZ			
CIVIL:	BKF ENGIN 1646 N. CAI WALNUT C	EERS LIFORNIA BLVD REEK, CA 94596 ERIC SWANSON			
GEOTECH:	HALEY ALD 1956 WEBS OAKLAND,	RICH TER ST #300 CA 94612 CATHERINE ELL	.IS		
MEP:		EERING CO. CT STE A7 (, CA 93940 RON BLUE			
AUDIO/VISUAL	: SMITH FAU 351 8TH ST SAN FRANC CONTACT:	SE MCDONALD REET CISCO, CA 94103 PETER MCDON	3		
ESTIMATOR:	T: (415) 255-9140 MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626				
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KEYNOTES

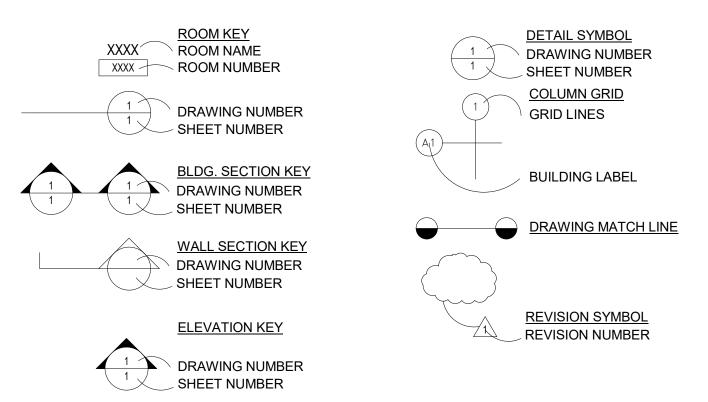
A	ARCHITECTURAL: COMPLY WITH DIVISIONS 2-14.
()	WALL CTKNITY WITH MINIMUM 200 LB. BACKING.
TKN	TELECOMMUNICATIONS SYSTEMS: COMPLY WITH DIVISION 27.
(TNK1)	FLAT PANEL DISPLAY/LCD - NET WEIGHT NOT TO EXCEED 135 LBS.
(TKN2)	FLAT PANEL MOUNT - NET WEIGHT NOT TO EXCEED 40 LBS.
(TKN3)	FLAT PANEL WALL BOX, FPWB1, RECESSED FLUSH IN WALL.
(TKN4)	IN-WALL CONDUIT RACEWAY.

Fa M 351 (41)	mith, ause cDonald In 8th Street, San Francisco, (5) 255-9140 Fax (415) 255- w.sfmi.com info@sfmi.co	CA 94103 9180
STAMP		
	7. COMM	WICAT IC
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03/ DATE	11/2021 RAY ENRIQU REGIS. NO. 1 EXPIRES 12/	JEZ 106011
	^{ss} LINGTON AVE. IGTON, CA 9470	7
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064	
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600	
STRUCTURAL	ZFA STRUCTURAL ENGINEEF 1390 EL CAMINO REAL STE 10 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
AUDIO/VISUAL	: SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAL T: (415) 255-9140	
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	I
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COMMUNICATIONS SYSTEMS GENERAL NOTES

- 1 REFER TO SPECIFICATIONS FOR COMPLETE REQUIREMENTS.
- 2 PROVIDE CONDUIT, BOXES AND FITTINGS SHOWN ON COMMUNICATIONS SYSTEMS (TN) SYSTEM DRAWINGS UNDER THE WORK OF SECTION 27 05 33 COMMUNICATIONS RACEWAYS, BOXES AND FITTINGS. UNLESS OTHERWISE INDICATED, PROVIDE 1 INCH TRADE SIZE MINIMUM . PROVIDE RACEWAY SIZE AS REQUIRED FOR A MAXIMUM OF 30 PERCENT WIRE FILL.
- 3 PROVIDE FIRESTOPPING UNDER THE WORK OF SECTION 27 05 33 COMMUNICATIONS RACEWAYS, BOXES AND FITTINGS.
- 4 LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON THE COMMUNICATIONS SYSTEMS DRAWINGS.
- ⁵ DEVICE QUANTITIES SHOWN ON FLOOR PLANS AND REFLECTED CEILING PLANS TAKE PRECEDENCE OVER DEVICE QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS.
- 6 QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS TAKE PRECEDENCE OVER QUANTITIES SHOWN ON RACK ELEVATIONS.
- 7 QUANTITIES SHOWN ON DEVICE SCHEDULES TAKE PRECEDENCE OVER QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS, FLOOR PLANS AND REFLECTED CEILING PLANS.
- ⁸ LOCATIONS SHOWN ON LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON SMALL SCALE DRAWINGS.

GENERAL SYMBOLS



MATERIAL & EQUIPMENT LEGEND

1DP1"INNERDUCT, PLENUM RATEDUTP5-4UNSHIELDED TWISTED PAIR, CAT. 5e2IDP2"INNERDUCT, PLENUM RATEDUTP5-4PUNSHIELDED TWISTED PAIR, CAT. 5e PLENUMC56PPCATEGORY 5e PATCH PANELUTP5-4OPUNSHIELDED TWISTED PAIR, CAT. 5e PLENUMC6PPCATEGORY 6 PATCH PANELUTP6-4UNSHIELDED TWISTED PAIR, CAT. 6F0H-PFIBER OPTIC CABLE HYBRID, PLENUM RATEDUTP6-4PUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTF0H-OPRFIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATEDUTP6-4OPUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTF0M-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TERMINAL BLOCK, CAT. 5, XX-NO OF PAIRSF0S-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TERMINAL BLOCK, CAT. 5, XX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPLANT RISER RATED110 TERMINAL BLOCK, CAT. 5, XX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPLANT RISER RATED110 TERMINAL BLOCK, CAT. 5, XX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPLANTXX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPLANTXX-NO OF PAIRSFSCFIBER SPLICE DISTRIBUTION FACILITYSEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMFMULTIMEDIA PLATENOTELMMFMULTIMEDIA PLATESEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMPMULTIMEDIA PLATEAND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.MOPCMINIMUM POINT OF ENTRYSEE SPECIFICATION SECTIONS.OSPOUTSIDE PLANTTYPE							
C5ePPCATEGORY 5e PATCH PANELUTP5e-40PUNSHIELDED TWISTED PAIR, CAT. 5e OUTSIDE PLANTC6PPCATEGORY 6 PATCH PANEL.UTP6-4UNSHIELDED TWISTED PAIR, CAT. 6FOH-PFIBER OPTIC CABLE HYBRID, PLENUM RATEDUTP6-4UNSHIELDED TWISTED PAIR, CAT. 6 PLENUMFOH-OPRFIBER OPTIC CABLE, MURID, OUTSIDE PLANT RISER RATEDUTP6-4OPUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTFOM-OPRFIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATEDUTP6-4OPUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTFOS-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFOS-OPRFIBER PATCH PANEL110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANELFSPFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANELFTBFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.IDFINTERMEDIATE DISTRIBUTION FACILITY.NOTE: SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.MMPMULTI MODE OPTICAL FIBERSINGLE MODE OPTICAL FIBERMMPMULTIMEDIA PLATESEE SPECIFICATIONS.MMPMULTIMEDIA PLATESEE SPECIFICATIONS.OSPOUTSIDE PLANTSEE SPECIFICATIONS.SMSINGLE MODE OPTICAL FIBERTTYPES REFER TO SPECIFICATIONS.MMPMULTIMEDIA PLATESEE SPECIFICATIONS.SM	1IDP	1" INNERDUCT, PLENUM RATED	UTP5e-4	UNSHIELDED TWISTED PAIR, CAT. 5e			
C6PPCATEGORY 6 PATCH PANEL.UTP6-4UNSHIELDED TWISTED PAIR, CAT. 6FOH-PFIBER OPTIC CABLE HYBRID, PLENUM RATEDUTP6-4UNSHIELDED TWISTED PAIR, CAT. 6FOH-OPRFIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATEDUTP6-4PUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTFOM-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATEDUTP6-4PUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTFOS-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFOS-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR, RX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANELFSPFIBER SPLICE PANELTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.FTBFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.MDFMAIN DISTRIBUTION FACILITYNOTE:MDFMAIN DISTRIBUTION FACILITY.NOTE:MMPMULTI MODE OPTICAL FIBERSEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.MOPEMINIMUM POINT OF ENTRYSEE SPECIFICATIONS.OSPOUTSIDE PLANTTYPES REFER TO SPECIFICATIONS.SMSINGLE MODE OPTICAL FIBERTILECOMMUNICATIONS CLOSETT.C.TELECOMMUNICATIONS CLOSETSEE SPECIFICATIONS	2IDP	2" INNERDUCT, PLENUM RATED	UTP5e-4P	UNSHIELDED TWISTED PAIR, CAT. 5e PLENUM			
FOH-PFIBER OPTIC CABLE HYBRID, PLENUM RATEDUTFG-4PUNSITE UNISTED PAIR, CAT. 6 PLENUMFOH-OPRFIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATEDUTF6-4PUNSHIELDED TWISTED PAIR, CAT. 6 PLENUMFOM-OPRFIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATEDUTF6-4PUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTFOS-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TBXX110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFOS-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TBXX110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANELFSPFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANELFTBFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.IDFINTERMEDIATE DISTRIBUTION FACILITYNOTE: SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT MMPMMPMULTI MODE OPTICAL FIBERSEE SPECIFICATION SECTIONS.MMPMINIMUP POINT OF ENTRYSEE SPECIFICATIONS.OSPOUTSIDE PLANTTYPES REFER TO SPECIFICATIONS.SMSINGLE MODE OPTICAL FIBERTELECOMMUNICATIONS CLOSET	C5ePP	CATEGORY 5e PATCH PANEL	UTP5e-40P	UNSHIELDED TWISTED PAIR, CAT. 5e OUTSIDE PLANT			
FOH-OPRFIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATEDUTP6-40PUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTFOM-OPRFIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATEDUTP6-40PUNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANTFOS-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFOS-OPRFIBER PATCH PANEL110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFSCFIBER SPLICE CLOSURE110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFSCFIBER SPLICE DANEL110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFTBFIBER TERMINAL BOX110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSIDFINTERMEDIATE DISTRIBUTION FACILITYMDFMAIN DISTRIBUTION FACILITY.MMPMULTI MODE OPTICAL FIBERMMPMULTIMEDIA PLATEMPOEMINIMUM POINT OF ENTRYOSPOUTSIDE PLANTSMSINGLE MODE OPTICAL FIBERT.C.TELECOMMUNICATIONS CLOSET	C6PP	CATEGORY 6 PATCH PANEL.	UTP6-4	UNSHIELDED TWISTED PAIR, CAT. 6			
FOM-OPRFIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATEDINTO THE MONTED TAM, ONTO OUTSIDE TEAMFOS-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRSFPPFIBER PATCH PANEL110 TERMINAL BLOCK, PRE-WIRED W/50 PIN CONNECTOR, XX-NO OF PAIRSFSCFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT)FSPFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.IDFINTERMEDIATE DISTRIBUTION FACILITYTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.MDFMAIN DISTRIBUTION FACILITY.NOTE:MMMULTI MODE OPTICAL FIBERSEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMPMULTIMEDIA PLATESEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMPOEMINIMUM POINT OF ENTRYSINGLE MODE OPTICAL FIBEROSPOUTSIDE PLANTSINGLE MODE OPTICAL FIBERT.C.TELECOMMUNICATIONS CLOSETTELECOMMUNICATIONS CLOSET	FOH-P	FIBER OPTIC CABLE HYBRID, PLENUM RATED	UTP6-4P	UNSHIELDED TWISTED PAIR, CAT. 6 PLENUM			
FOS-OPRFIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATEDTHO TEXMINAL BLOCK, CATLS, ACANO OF PAIRSFPPFIBER PATCH PANEL110 PWTBXX110 TERMINAL BLOCK, PRE-WIRED W/50 PIN CONNECTOR, XX- NO OF PAIRSFSCFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANELFSPFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.IDFINTERMEDIATE DISTRIBUTION FACILITYNOTE: SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.MMMULTI MODE OPTICAL FIBERSEE SPECIFICATIONS.MPOEMINIMUM POINT OF ENTRYSEE SPECIFICATIONS.OSPOUTSIDE PLANTSINGLE MODE OPTICAL FIBERT.C.TELECOMMUNICATIONS CLOSETTELECOMMUNICATIONS CLOSET	FOH-OPR	FIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATED	UTP6-4OP	UNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANT			
FPPFIBER PATCH PANELTHURW IBXAFSCFIBER SPLICE CLOSUREXX- NO OF PAIRSFSCFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANELFTBFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.IDFINTERMEDIATE DISTRIBUTION FACILITYNOTE:MDFMAIN DISTRIBUTION FACILITY.SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMMULTI MODE OPTICAL FIBERAND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.MPOEMINIMUM POINT OF ENTRYTYPES REFER TO SPECIFICATIONS.SMSINGLE MODE OPTICAL FIBERIELECOMMUNICATIONS CLOSET	FOM-OPR	FIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATED	110TBXX	110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRS			
FSCFIBER SPLICE CLOSUREPWC3PPPRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANELFSPFIBER SPLICE PANELTB15CAT.3 PATCH PANELFTBFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.IDFINTERMEDIATE DISTRIBUTION FACILITYNOTE: SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMMULTI MODE OPTICAL FIBERSEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMPMULTIMEDIA PLATESEE SPECIFICATION SECTIONS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.MMOSINGLE PLANTSINGLE MODE OPTICAL FIBERSMSINGLE MODE OPTICAL FIBERSINGLE MODE OPTICAL FIBERT.C.TELECOMMUNICATIONS CLOSETSET	FOS-OPR	FIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED	110PWTBXX	110 TERMINAL BLOCK, PRE-WIRED W/50 PIN CONNECTOR,			
FSPFIBER SPLICE PANELCAT.3 PATCH PANELFTBFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.IDFINTERMEDIATE DISTRIBUTION FACILITYNOTE:MDFMAIN DISTRIBUTION FACILITY.SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMMULTI MODE OPTICAL FIBERAND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENTMPOEMINIMUM POINT OF ENTRYTYPES REFER TO SPECIFICATIONS.OSPOUTSIDE PLANTTYPES REFER TO SPECIFICATIONS.SMSINGLE MODE OPTICAL FIBERTYPES REFER TO SPECIFICATIONS.T.C.TELECOMMUNICATIONS CLOSETTELECOMMUNICATIONS CLOSET	FPP	FIBER PATCH PANEL		XX- NO OF PAIRS			
FTBFIBER TERMINAL BOXTB15TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.IDFINTERMEDIATE DISTRIBUTION FACILITYNOTE: SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMMULTI MODE OPTICAL FIBER MMPOSEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.MPOEMINIMUM POINT OF ENTRYOSPOUTSIDE PLANTSMSINGLE MODE OPTICAL FIBERT.C.TELECOMMUNICATIONS CLOSET	FSC	FIBER SPLICE CLOSURE	PWC3PP	PRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT)			
IDFINTERMEDIATE DISTRIBUTION FACILITYNOTE:MDFMAIN DISTRIBUTION FACILITY.NOTE:MMMULTI MODE OPTICAL FIBERSEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMPMULTIMEDIA PLATEAND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENTMPOEMINIMUM POINT OF ENTRYTYPES REFER TO SPECIFICATIONS.OSPOUTSIDE PLANTTYPES REFER TO SPECIFICATIONS.SMSINGLE MODE OPTICAL FIBERTT.C.TELECOMMUNICATIONS CLOSETSINGLE MODE OPTICAL FIBER	FSP	FIBER SPLICE PANEL		CAT.3 PATCH PANEL			
MDFNOTE:MMMULTI MODE OPTICAL FIBERSEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONSMMPMULTIMEDIA PLATEAND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENTMPOEMINIMUM POINT OF ENTRYTYPES REFER TO SPECIFICATIONS.OSPOUTSIDE PLANTSINGLE MODE OPTICAL FIBERSMSINGLE MODE OPTICAL FIBERTT.C.TELECOMMUNICATIONS CLOSET	FTB	FIBER TERMINAL BOX	TB15	TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.			
MDFMAIN DISTRIBUTION FACILITY.MMMULTI MODE OPTICAL FIBERMMPMULTIMEDIA PLATEMPOEMINIMUM POINT OF ENTRYOSPOUTSIDE PLANTSMSINGLE MODE OPTICAL FIBERT.C.TELECOMMUNICATIONS CLOSET	IDF	INTERMEDIATE DISTRIBUTION FACILITY					
MMMULTI MODE OPTICAL FIBERAND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENTMMPMULTIMEDIA PLATEAND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENTMPOEMINIMUM POINT OF ENTRYTYPES REFER TO SPECIFICATIONS.OSPOUTSIDE PLANTSINGLE MODE OPTICAL FIBERSMSINGLE MODE OPTICAL FIBERTELECOMMUNICATIONS CLOSET	MDF	MAIN DISTRIBUTION FACILITY.					
MMPMULTIMEDIA PLATETYPES REFER TO SPECIFICATIONS.MPOEMINIMUM POINT OF ENTRYTYPES REFER TO SPECIFICATIONS.OSPOUTSIDE PLANTSINGLE MODE OPTICAL FIBERSMSINGLE MODE OPTICAL FIBERTELECOMMUNICATIONS CLOSET	MM	MULTI MODE OPTICAL FIBER					
MPOE MINIMUM POINT OF ENTRY OSP OUTSIDE PLANT SM SINGLE MODE OPTICAL FIBER T.C. TELECOMMUNICATIONS CLOSET	MMP	MULTIMEDIA PLATE					
SM SINGLE MODE OPTICAL FIBER T.C. TELECOMMUNICATIONS CLOSET	MPOE	MINIMUM POINT OF ENTRY	ITFES REF	ER TO SPECIFICATIONS.			
T.C. TELECOMMUNICATIONS CLOSET	OSP	OUTSIDE PLANT					
	SM	SINGLE MODE OPTICAL FIBER					
T-OPD TELEPHONE CABLE, OUTSIDE PLANT, DUCTWAY	T.C.	TELECOMMUNICATIONS CLOSET					
	T-OPD	TELEPHONE CABLE, OUTSIDE PLANT, DUCTWAY					

LEGEND

	SURFACE RACEWAY. FOR COMMUNICATIONS AND POWER SYSTEM PROVIDED UNDER DIV. 27.
	MARK INDICATES RACEWAY DROP FROM CEILING. COORDINATE EXACT LOCATION WITH DIV. 27 PLANS.
	NEW WIRE AND/OR CABLE IN EXPOSED CONDUIT OR RACEWAY. FILL PER SCHEDULE, PLANS AND SPECIFICATION SECTION 27 05 33.
	NEW WIRE AND/OR CABLE INSIDE NEW CONDUIT WALLS OR IN CEILING .
0	CABLE/RACEWAY TURNS UP
0	CABLE/RACEWAY TURNS DOWN
	HOME RUN
— — <u>-</u>] — ACJ — ►	CONDUIT TO CABLE TRANSITION POINT
——— ECT———	EXPOSED CABLE UNDER CEILING SUPPORTED BY CLIPS OR STAPLES @ 1'-0" O.C.
701	WIRING NOTES
	KEYNOTES
	CABLE RUNWAY OR CABLE TRAY. TYPE & SIZE AS INDICATED ON PLANS AND SPECIFICATIONS SECTION 27 05 36.

JUNCTION BOX SCHEDULE

SYMBOL	H (INCHES)	W (INCHES)	D (INCHES)
J1	6	6	4
J2	8	8	4
J3	12	12	4
J4	12	12	6
J5	12	12	8
J6	16	12	8
J7	18	18	6
J8	20	16	6
J9	20	16	8
J10	20	20	6
J11	20	20	8
J12	24	20	6
J13	24	20	8
J14	24	20	8
J15	30	24	8
J16	30	30	8
J17	36	30	8
J18	36	36	8
J19	48	24	6
J20	48	36	6
J21	48	48	6
J22	8	8	8
J23	10	10	8
J24	12	12	8
J25	16	12	8
J26	18	12	8
J28	18	18	8
J29	24	12	8
J30	24	18	8
J31	24	20	8
J32	24	24	8
J33	30	24	8
J34	30	30	8
J35	36	24	8
J36	36	30	8
J37	36	36	8
J38	12	12	10
J39	18	12	10
J40	18	18	10
J41	24	12	10
J42	24	18	10
J43	24	24	10
J44	30	24	10
J45	30	30	10
J46	36	24	10
J47	36	36	10
J48	12	12	12
J49	18	18	12
J50	24	12	12
J51	24	18	12
J52	24	24	12
J53	30	24	12
J54	30	30	12
J55	36	24	12
J56	48	48	12
	30	30	12
J57			
J58	48	48	16

ABB	REVIATIONS
1SR-1	SINGLE CHAMBER SURFA
3SR-2.5 A.D.A.	THREE CHAMBER SURFAC
ADF A.F.C.	AREA DISTRIBUTION FACIL ABOVE FINISHED CEILING
A.F.F. ALT	ABOVE FINISHED FLOOR ALTERNATE
A.M.F.F. BDF	ABOVE MEZZANINE FINISH BUILDING DISTRIBUTION F
B.F.C. BLDG.	BELOW FINISHED CEILING BUILDING
B.O.H. C.	BACK OF HOUSE CONDUIT
C. CAT.	CATEGORY
CBC	CALIFORNIA BUILDING CO
CEC COMM.	CALIFORNIA ELECTRICAL COMMUNICATIONS
C.L.	CENTERLINE
C.O. CONT.	CONDUIT ONLY CONTINUATION
CS	COMMUNICATIONS SYSTE
(D)	DEMOLISH EXISTING
DED ∅, DIA.	DEDUCTIVE DIAMETER
DIV	DIVISION
(E)	EXISTING
EA. EIA	EACH ELECTRONIC INDUSTRIES
ELEV.	ELEVATION
E.O.L.	END OF LINE
EQPT. FIN	EQUIPMENT FINISHED
FUT	FUTURE
H.R.	HOME RUN
HT.	HEIGHT
J, JBOX LAN	JUNCTION BOX LOCAL AREA NETWORK
MATV	MASTER ANTENNA TELEV
MAX.	MAXIMUM
MIN. MOD.	MINIMUM MODULAR
MOD. MON.	MONUMENT
(N)	NEW
NEC N.I.C.	NATIONAL ELECTRICAL CO
NTS	NOT TO SCALE
0.C.	ON CENTER
0.D. 0.F.E.	OUTSIDE DIAMETER OWNER FURNISHED EQUI
OPP.	OPPOSITE
PNL.	PANEL
PROJ. P.S.R.H	PROJECT PROJECT STANDARD REC
P.S.S.H.	PROJECT STANDARD SWI
RE:	REFER TO
REF. SIM.	REFERENCE SIMILAR
SM	SINGLE MODE OPTICAL FI
SN SP	SHEET NOTE SHIELDED PAIR - SEE SPE
SPEC	SPECIFICATION
S.R.	SURFACE RACEWAY
STD STP	STANDARD SHIELDED TWISTED PAIR
T.C.	TELECOMMUNICATIONS C
TEL	TELEPHONE
TELCOM TIA	TELECOMMUNICATIONS TELECOMMUNICATIONS IN
TIA T-OPD	TELEPHONE CABLE, OUTS
TP	TWISTED PAIR
TYP.	
U.O.N. W/	UNLESS OTHERWISE NOT WITH
WP	WEATHERPROOF

SUFFIX:

NONE - NEMA 1

A - NEMA 12

B - NEMA 3R C - NEMA 4

D - NEMA 4X

NOTE

ALL JUNCTION BOXES TO BE HINGED TYPE, PROVIDED WITHOUT PRE-PUNCHED KNOCKOUTS. PENETRATIONS IN JUNCTION BOXES SHALL BE CUT OR PUNCHED AS REQUIRED FOR INSTALLATION. PAINT ALL INTERIOR BOXES TO MATCH WALL FINISH. COORDINATE FINISH WITH ARCH. PLANS.

ABB	REVIATIONS
1SR-1	SINGLE CHAMBER SURFACE RACEWAY
3SR-2.5	THREE CHAMBER SURFACE RACEWAY
A.D.A. ADF	AMERICANS WITH DISABILITIES ACT AREA DISTRIBUTION FACILITY
A.F.C. A.F.F.	ABOVE FINISHED CEILING ABOVE FINISHED FLOOR
ALT	ALTERNATE
A.M.F.F. BDF	ABOVE MEZZANINE FINISHED FLOOR BUILDING DISTRIBUTION FACILITY
B.F.C. BLDG.	BELOW FINISHED CEILING BUILDING
B.O.H.	BACK OF HOUSE
C. CAT.	CONDUIT CATEGORY
CBC	CALIFORNIA BUILDING CODE
CEC	CALIFORNIA ELECTRICAL CODE
COMM. C.L.	COMMUNICATIONS CENTERLINE
C.O.	CONDUIT ONLY
CONT.	CONTINUATION
CS	COMMUNICATIONS SYSTEM
(D) DED	DEMOLISH EXISTING DEDUCTIVE
∅, DIA.	DIAMETER
DIV	DIVISION
(E) EA.	EXISTING EACH
EA. EIA	ELECTRONIC INDUSTRIES ASSOCIATION
ELEV.	ELEVATION
E.O.L.	END OF LINE
EQPT.	
FIN FUT	FINISHED FUTURE
H.R.	HOME RUN
HT.	HEIGHT
J, JBOX	JUNCTION BOX
	LOCAL AREA NETWORK MASTER ANTENNA TELEVISION
MATV MAX.	MASTER ANTENNA TELEVISION MAXIMUM
MIN.	MINIMUM
MOD.	MODULAR
MON.	MONUMENT
(N)	
NEC N.I.C.	NATIONAL ELECTRICAL CODE NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	
0.D. 0.F.E.	OUTSIDE DIAMETER OWNER FURNISHED EQUIPMENT
OPP.	OPPOSITE
PNL.	PANEL
PROJ.	PROJECT
P.S.R.H P.S.S.H.	PROJECT STANDARD RECEPTACLE HEIGHT +18" AFF, U.O.N. PROJECT STANDARD SWITCH HEIGHT +48" AFF TO \mathcal{G} , U.O.N.
RE:	REFER TO
REF.	REFERENCE
SIM. SM	SIMILAR SINGLE MODE OPTICAL FIBER
SN	SHEET NOTE
SP	SHIELDED PAIR - SEE SPECIFICATIONS
SPEC	SPECIFICATION
S.R. STD	SURFACE RACEWAY STANDARD
STP	SHIELDED TWISTED PAIR
T.C.	TELECOMMUNICATIONS CLOSET
TEL	TELEPHONE
TELCOM TIA	TELECOMMUNICATIONS TELECOMMUNICATIONS INDUSTRY ASSOCIATION
T-OPD	TELEPHONE CABLE, OUTSIDE PLANT, DUCTWAY
TP	TWISTED PAIR
TYP.	TYPICAL
U.O.N. W/	UNLESS OTHERWISE NOTED WITH
WP	WEATHERPROOF

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	ss LINGTON AVE. IGTON, CA 9470)7				
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064					
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600					
STRUCTURAL:	ZFA STRUCTURAL ENGINEE 1390 EL CAMINO REAL STE 1 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869					
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200					
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MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390					
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ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	NI				
NO. 100% DESIG ISSUED FOR	DESCRIPTION IN DEVELOPMENT R PERMIT	DATE 12/17/2021 04/01/2021				
	INGTON FIRE PROTECTION D					
	ES, LEGEND, SYMBOLS, NS AND JBOX SCHEDULE					

TN001

SYMBOL	DEVICE	FUNCTION OR SERVICE	LOCATION	WORK OF	ROUGH-IN	RACEWAY	ELEVATION	CABLE FILL & HOMERUN DESTINATION, U.O.N.	FINISH	WEIGHT, LB	DETAIL SHEET(S)
[]	WALL SLEEVE/CONDUIT	PATHWAY	INDICATED	27 05 33	N/A	R5					
FC6	FLOOR BOX, CONCRETE SLAB, FOR AUDIO VISUAL.	AUDIO VISUAL	FLUSH IN FLOOR. COORDINATE EXACT LOCATION/DIMENSION WITH THE ARCHITECT.		FLOOR BOX FC6 WITH MANUFACTURERS "POUR PAN" TO PROTECT AT SLAB ON GRADE CONDITIONS.	R4	FLUSH IN FLOOR	AS SCHEDULED	COORDINATE COVER TYPE WITH ARCHITECT. SUBMIT CUT-SHEETS.		
3D √	DATA AND VOICE DEVICE PLATE. DN1	COMMUNICATIONS	INDICATED	27 05 33, 27 15 00	PROVIDE ONE (1) 5" SQUARE x 2.875" DEEP BOX WITH 1 GANG RING EQUAL TO RANDL INDUSTRIES 5 SQUARE.	R3	+18" AFF TO CL, U.O.N.	AS SCHEDULED	WHITE		
1B √∕	BROADBAND VIDEO DEVICE PLATE. DN2	COMMUNICATIONS	INDICATED		PROVIDE ONE (1) 5" SQUARE x 2.875" DEEP BOX WITH 1 GANG RING EQUAL TO RANDL INDUSTRIES 5 SQUARE.	R3	INDICATED	1 TRIPLE SHIELD RG6 COAX			
R15	FLOOR MOUNTED STATION CABLING/SWITCH RACK, 2 POST, 44 RU, SEISMIC RATED.	COMMUNICATIONS	FLOOR	27 11 16			BOLT TO SLAB		BLACK	250	
R28	FLOOR MOUNTED SERVER CABINET, 44 RU MIN, 30" WIDE MAX, 42" DEEP, 4 POST, SEISMIC RATED.	COMMUNICATIONS	FLOOR	27 11 16			BOLT TO SLAB.		BLACK	500	

- SUBSCRIPT INDICATES QUANTITY OF CATEGORY 6 CABLES PROVIDED AT WAO. EXAMPLE: DN1 2D REPRESENTS 2 CAT6 CABLES AND JACKS TERMINATED AT THE INDICATED WAO AND SERVING TR.
- SUBSCRIPT INDICATES QUANTITY OF COAX CABLES PROVIDED AT WAO. BROADBAND VIDEO CABLING IS RG-6. DN2 EXAMPLE:
 - 1B IS 1 RG-6 TERMINATED AT THE INDICATED WAO AND SERVING TR.

LOCATION NOTES

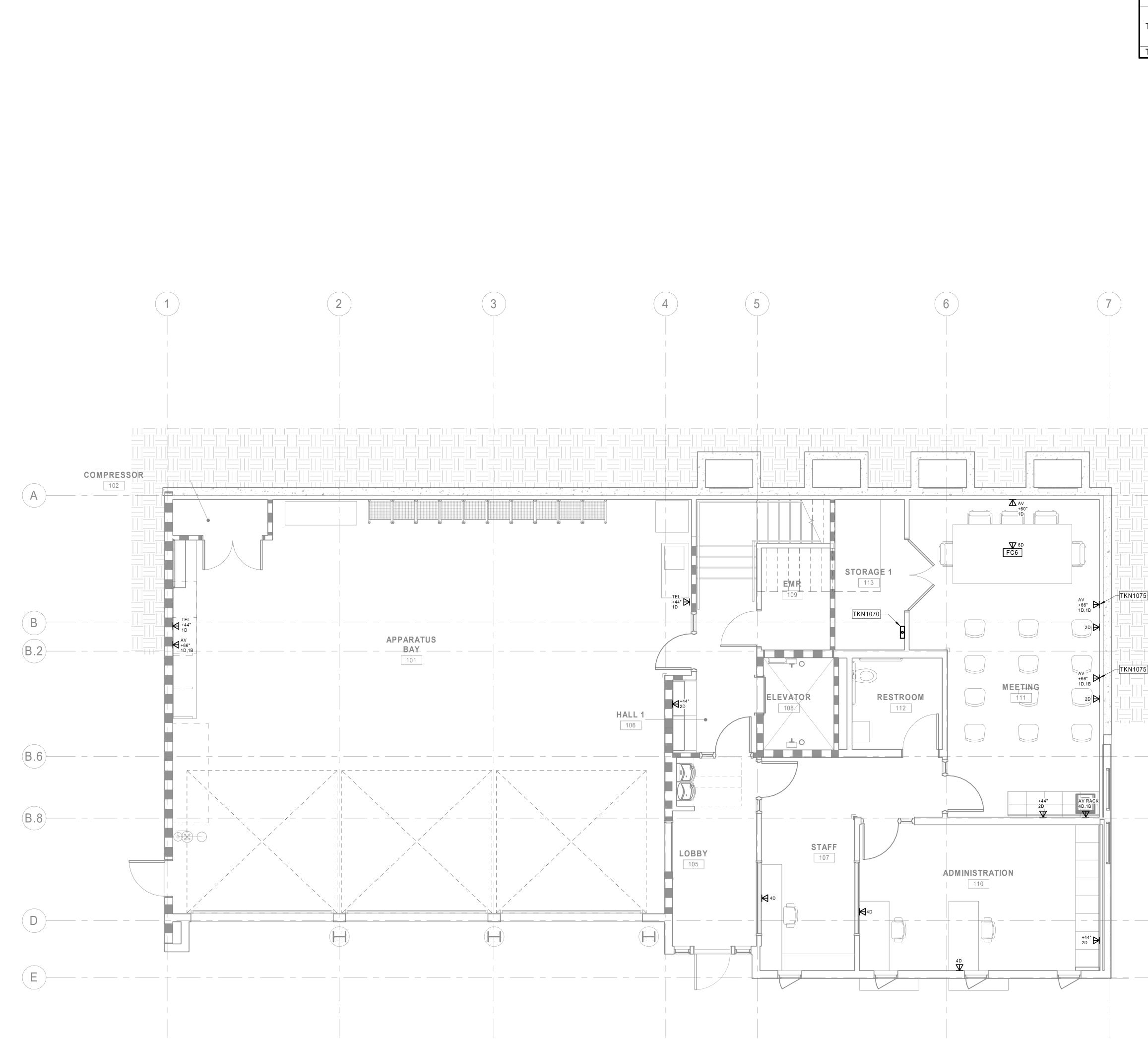
FLUSH IN FLOOR. COORDINATE EXACT LOCATION/DIMENSION WITH LR1 ARCHITECTURAL PLANS.

- 3/4" C. STUBBED UP TO ACCESSIBLE CEILING. PROVIDE J-HOOKS AT 4' O.C. IN R1 ACCESSIBLE CEILING.
- 1" C. STUBBED UP TO ACCESSIBLE CEILING. PROVIDE J-HOOKS AT 4' O.C. IN R2 ACCESSIBLE CEILING.
- 1.25" C. STUBBED UP TO ACCESSIBLE CEILING. PROVIDE J-HOOKS AT 4' O.C. R3 IN ACCESSIBLE CEILING.
- FOR AV, (2) 1-1/4" C TO 4 GANG COMPARTMENT STUBBED TO ACCESSIBLE CEILING. FOR TELECOM, (1) 1-1/4" TO 1 GANG COMPARTMENT AND HOMERUN R4 THE CONDUIT UNDER THE SLAB DIRECTLY TO THE SERVING BDF OR IDF ROOM. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL ROUGH-IN.
- UNLESS OTHERWISE SHOWN, PROVIDE (1) 4" EMT SLEEVE, WITH INSULATED THROAT BUSHING AT EACH END, STUBBED OUT 4 INCHES FROM FACE OF WALL, AT ELEVATION APPROXIMATELY 6 INCHES ABOVE ACCESSIBLE CEILING. INSTALL SLEEVE IN AN ACCESSIBLE LOCATION AS DEFINED IN CALIFORNIA R5 ELECTRICAL CODE, ARTICLE 100 DEFINITIONS. PROVIDE FIRESTOPPING UNDER WORK OF SECTION 27 05 33. BOND TO GROUND. COMPLY WITH DIVISION 26 AND SECTION 27 05 26 GROUNDING.

ACCESSIBLE CEILING IS A T-BAR OR SIMILAR GRID BASED, PANELIZED REMOVABLE CEILING MEETING THE DEFINITION FOR ACCESSIBLE WIRING METHODS IN ARTICLE 100 OF THE CALIFORNIA ELECTRICAL CODE.

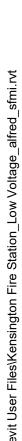
Smith, Fause Fause McDonald Inc. 351 8th Street, San Francisco, CA 94103 (415) 255-9140 Fax (415) 255-9180 www.sfmi.com info@sfmi.com					
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PROJECT TEAM CLIENT:	PROTEC 217 ARLI KENSING	GTON FIRE TION DISTRI NGTON AVE GTON, CA 94 ST: BILL HAN 378-9064	707		
ARCHITECT:	930 COL SAN FRA	G ARCHITEC E STREET S NCISCO, CA T: KAREN M 522-0600	TE 101 94117		
STRUCTURAL	1390 EL SAN CAF	CAMINO REA RLOS, CA 940 T: MATT FRA	AL STE 10 070		
CIVIL:	WALNUT	CALIFORNIA CREEK, CA T: ERIC SWA	94596	E 400	
GEOTECH:	OAKLAN	BSTER ST #: D, CA 94612 :T: CATHERII			
MEP:	2 HARRI MONTEF	GINEERING (S CT STE A7 REY, CA 9394 T: RON BLU 373-4390	0		
AUDIO/VISUAI	351 8TH SAN FR <i>A</i>	STREET NCISCO, CA T: PETER M	94103		
ESTIMATOR:	850 S. VA SAN FRA	STIMATION I AN NESS AVI ANCISCO, CA T: HENRY T(326-9626	E, #26 94110		
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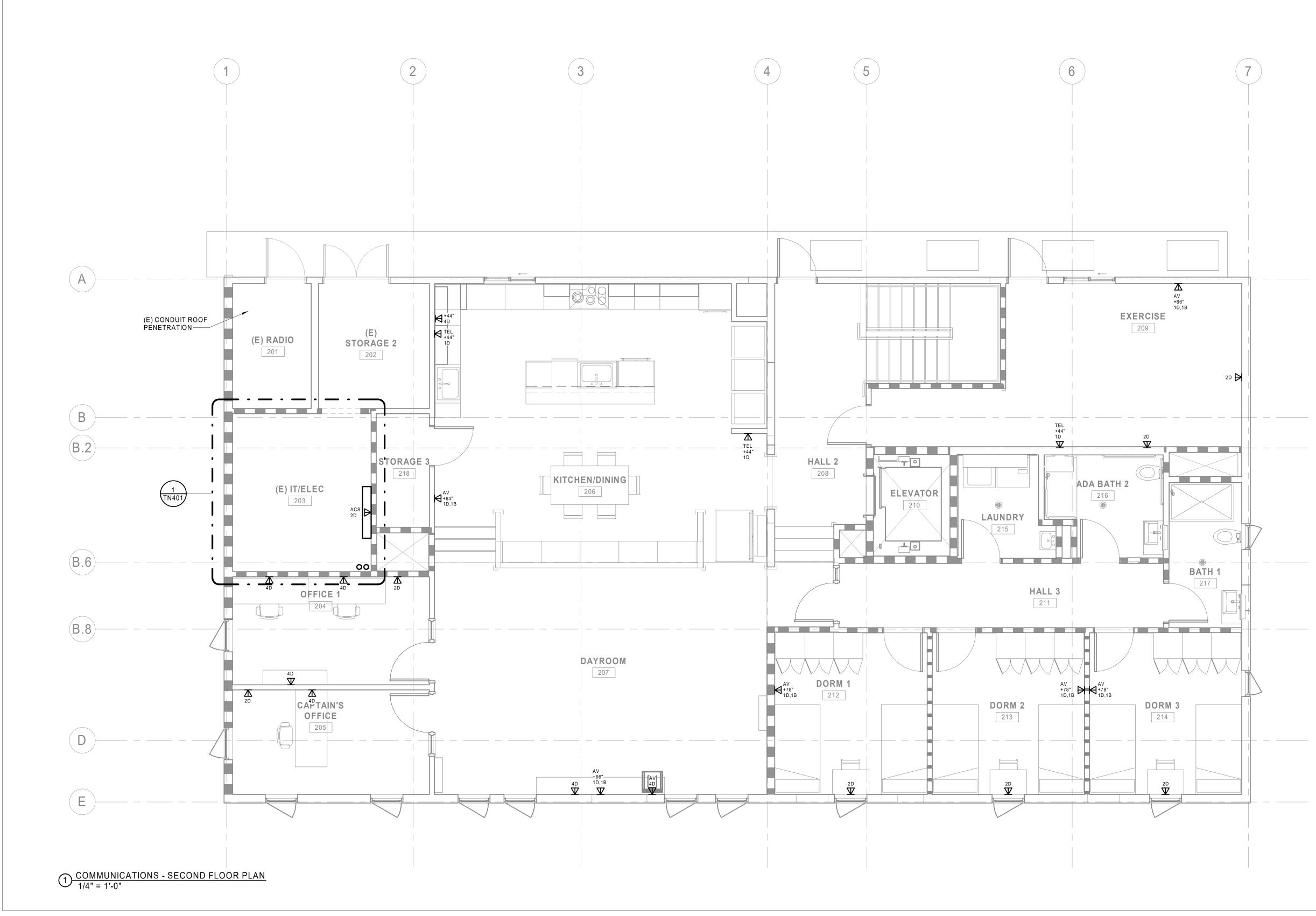




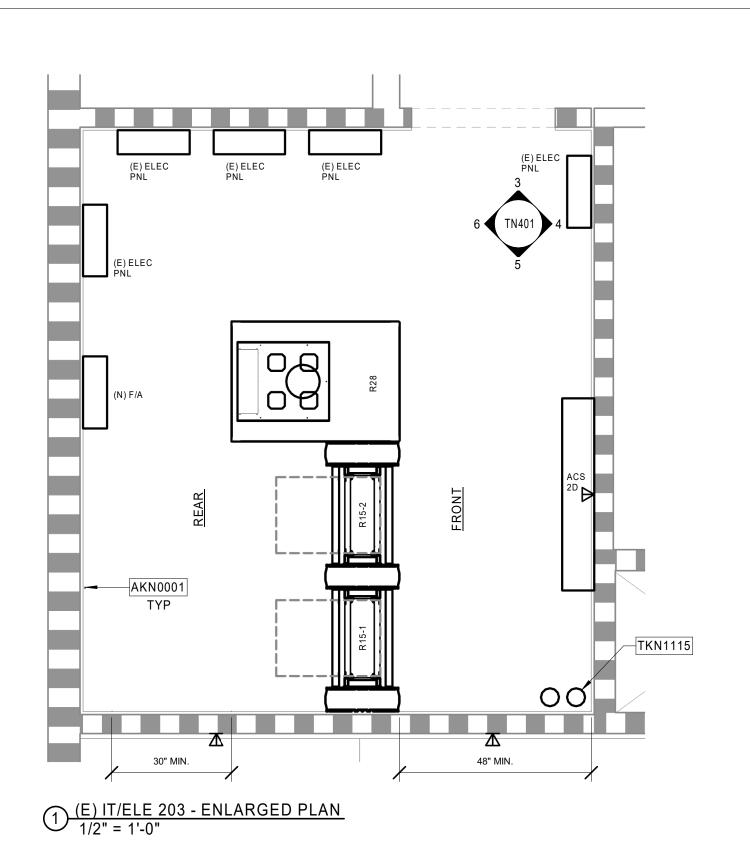
	KEYNOTES	
TKN1070	PROVIDE 12"x12"x4"D NEMA BOX WITH HINGED COVER AND (1) 2" C. STUB CONDUIT UP TO THE ROOF. PROVIDE SERVICE ENTRANCE WEATHERHEAD FITTING ON TOP OF THE CONDUIT.	
TKN1075	MOUNT INSIDE THE FPWB. SEE TA202.	

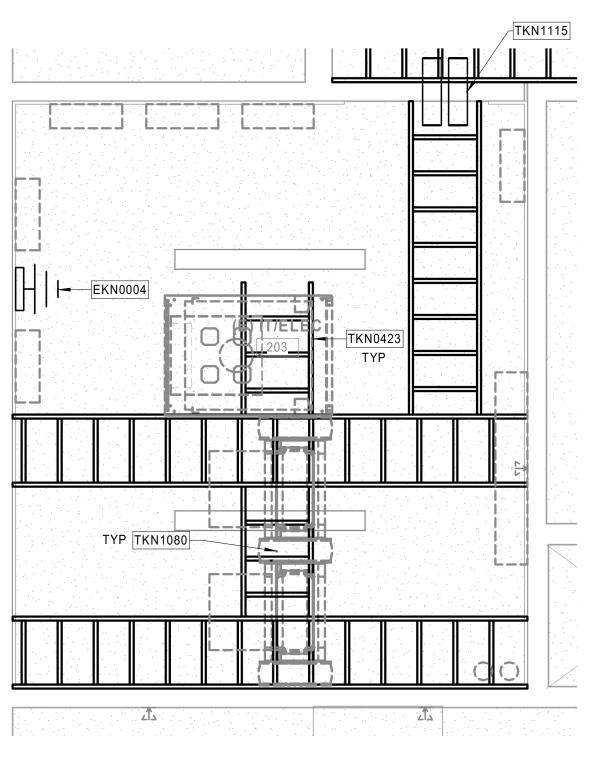
	Smith		
	Smith Fause		,
	McDo 351 8th Stree		Inc. isco, CA 94103
4	(415) 255-914 www.sfmi.co	40 Fax (415) 255-9180
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		REG STERED	COMMUNICRA ION
Jay	- Eigs		BICSI" o
DATE	03/11/2021	- REGIS	70N 00 ENRIQUEZ 5. NO. 106011 RES 12/31/2022
	^{dress} ARLINGT SINGTOI		
PROJECT TE	AM		
CLIENT:	PROTECT 217 ARLIN KENSING	TION DISTRIC IGTON AVE TON, CA 9470 T BILL HANSE	7
ARCHITE	930 COLE SAN FRAI	GARCHITECT STREET STE NCISCO, CA. 9 CKAREN MAF 22-0600	101 94117
STRUCTU	SAN CAR	AMINO REAL LOS, CA 9407 T: MATT FRAN	STE 100 0
CIVIL:	WALNUT	ALIFORNIA BL CREEK, CA 94 T: ERIC SWAN	1596
GEOTECH	1956 WEB OAKLAND	STER ST #30 , CA 94612 : CATHERINE	
MEP:	2 HARRIS MONTERI	INEERING CO CT STE A7 EY, CA 93940 TRON BLUE 73-4390	
AUDIO/VIS		TREET NCISCO, CA 9 T: PETER MCE	4103
ESTIMATO	850 S. VA SAN FRAN	TIMATION INC N NESS AVE, NCISCO, CA 9 T: HENRY TOC 26-9626	#26 4110
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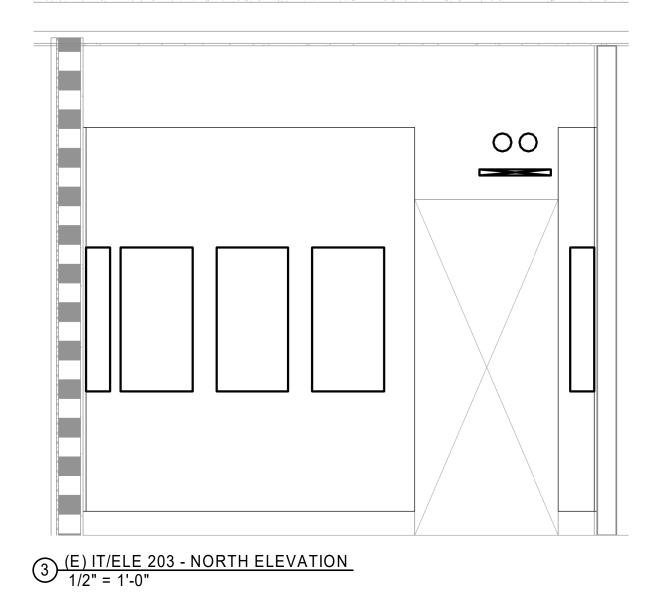


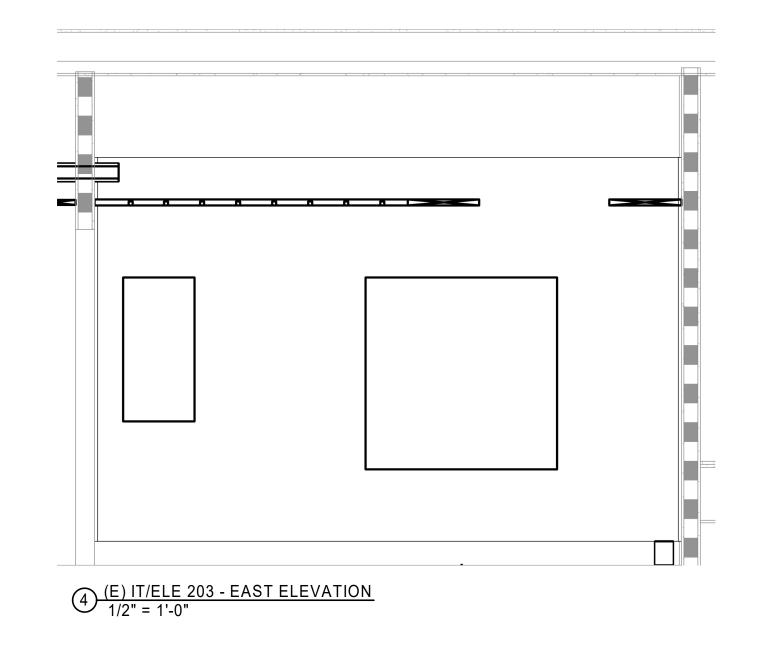
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3		San Francisco, (Fax (415) 255	CA 94103
		info@sfmi.co	
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DATE	03/11/2021	RAY ENRIQU REGIS. NO. EXPIRES 12	JEZ 106011
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		, CA 9470)7
PROJECT TEAM	1 KENSINGTO	N FIRE	
	CONTACT: E	TON AVE N, CA 94707 BILL HANSELL	
ARCHITECT	930 COLE S	RCHITECTURE IREET STE 101 ISCO, CA. 94117	
STRUCTUR	CONTACT: H T. (415) 522-	AREN MAR	RS
	1390 EL CAN SAN CARLO	/INO REAL STE 1 S, CA 94070 /ATT FRANTZ	
CIVIL:	WALNUT CF	IFORNIA BLVD ST EEK, CA 94596 ERIC SWANSON	E 400
GEOTECH:	HALEY ALDF 1956 WEBST OAKLAND, C	RICH FER ST #300 XA 94612 XATHERINE ELLIS	
MEP:	LIST ENGINI 2 HARRIS C MONTEREY CONTACT: F	EERING CO. T STE A7 , CA 93940 RON BLUE	
AUDIO/VISU.	351 8TH STF SAN FRANC	SE MCDONALD IN	
ESTIMATOR	850 S. VAN 1	9140 MATION INC. NESS AVE, #26 ISCO, CA 94110	
		IENRY TOORYAN	I
	DESCRIPTI BIGN DEVELOPN		DATE 12/17/2021
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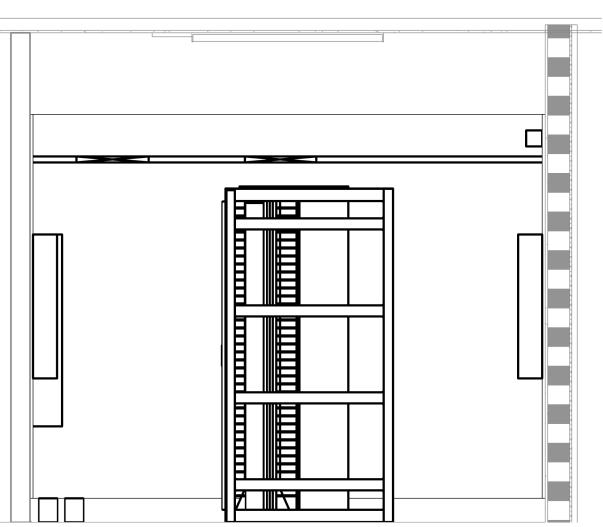


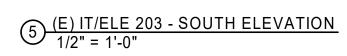


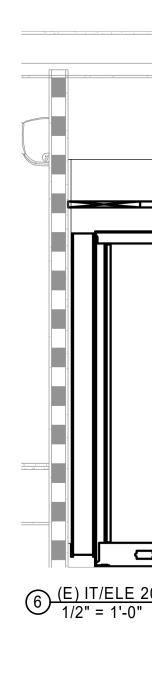
(E) IT/ELE 203 - ENLARGED RCP 1/2" = 1'-0"



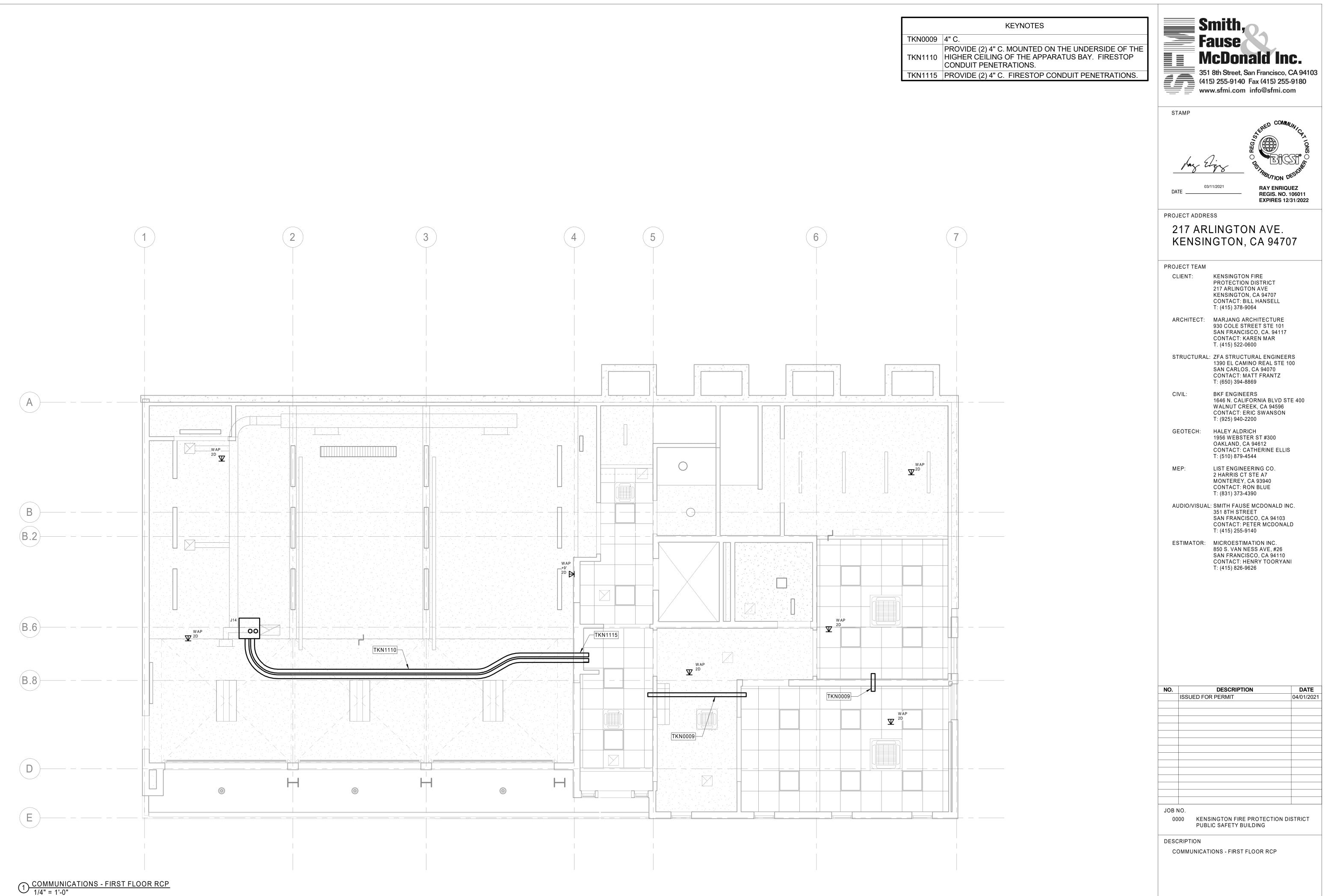








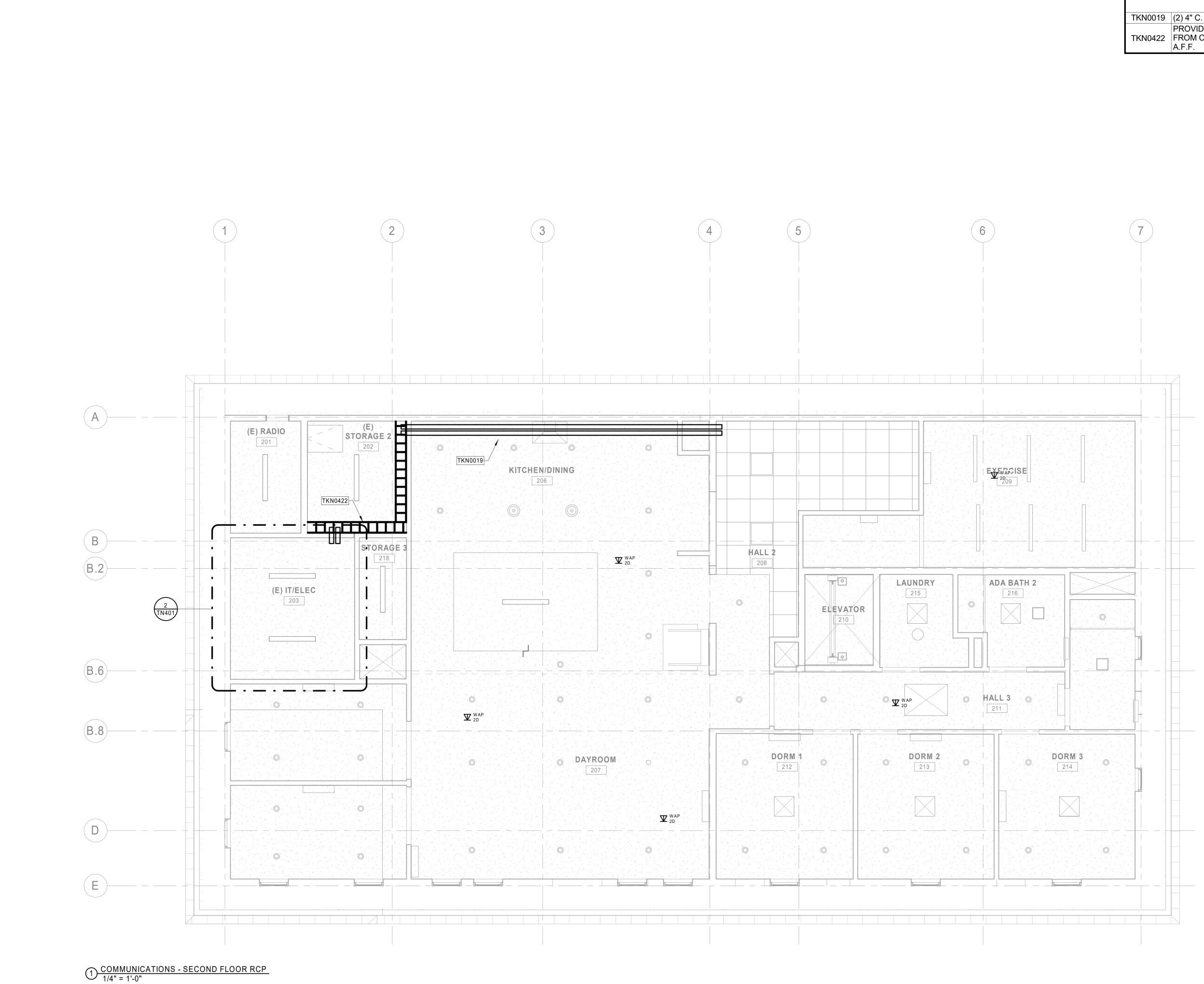
KEYNOTES	Smith,
AKN0001 PROVIDE 3/4" THICK, FIRE-RESISTANT TREATED PLYWOOD BACKBOARD FROM 6" A.F.F. TO 8'-6" A.F.F, IN THE PERIMETER OR 4 SIDES OF THE ROOM. PAINT, COLOR WHITE. TRIM TO FIT. LEAVE ONE FIRE RATING STAMP PER SHEET OF PLYWOOD UNPAINTED. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.	Fause McDonald Inc. 351 8th Street, San Francisco, CA 94103 (415) 255-9140 Fax (415) 255-9180
PROVIDE GROUNDING BUS BAR EQUIVALENT TO B-LINEEKN0004SB-477-K. MOUNT ON THE BACKBOARD AT APPROX +84" A.F.F., BELOW THE CABLE TRAYDDOV(DE 40) W(DE 40) DE DODEED	STAMP
PROVIDE 18" WIDE CABLE RUNWAY (CR-18) SUPPORTEDTKN0423FROM CEILING/STRUCTURE. MOUNT BOTTOM @ 7'-6"A.F.F.	Band Land Land Land Land Land Land Land L
TKN1080PROVIDE WATERFALL DROPOUTS FOR EACH RACK, TYP.TKN1115PROVIDE (2) 4" C. FIRESTOP CONDUIT PENETRATIONS.	lag Eliza BISEL
	DATE 03/11/2021 RAY ENRIQUEZ BATE REGIS. NO. 106011 EXPIRES 12/31/2022
	PROJECT ADDRESS
	217 ARLINGTON AVE. KENSINGTON, CA 94707
	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600
	STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
	CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
	GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
	MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
	AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
	ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
203 - WEST ELEVATION	
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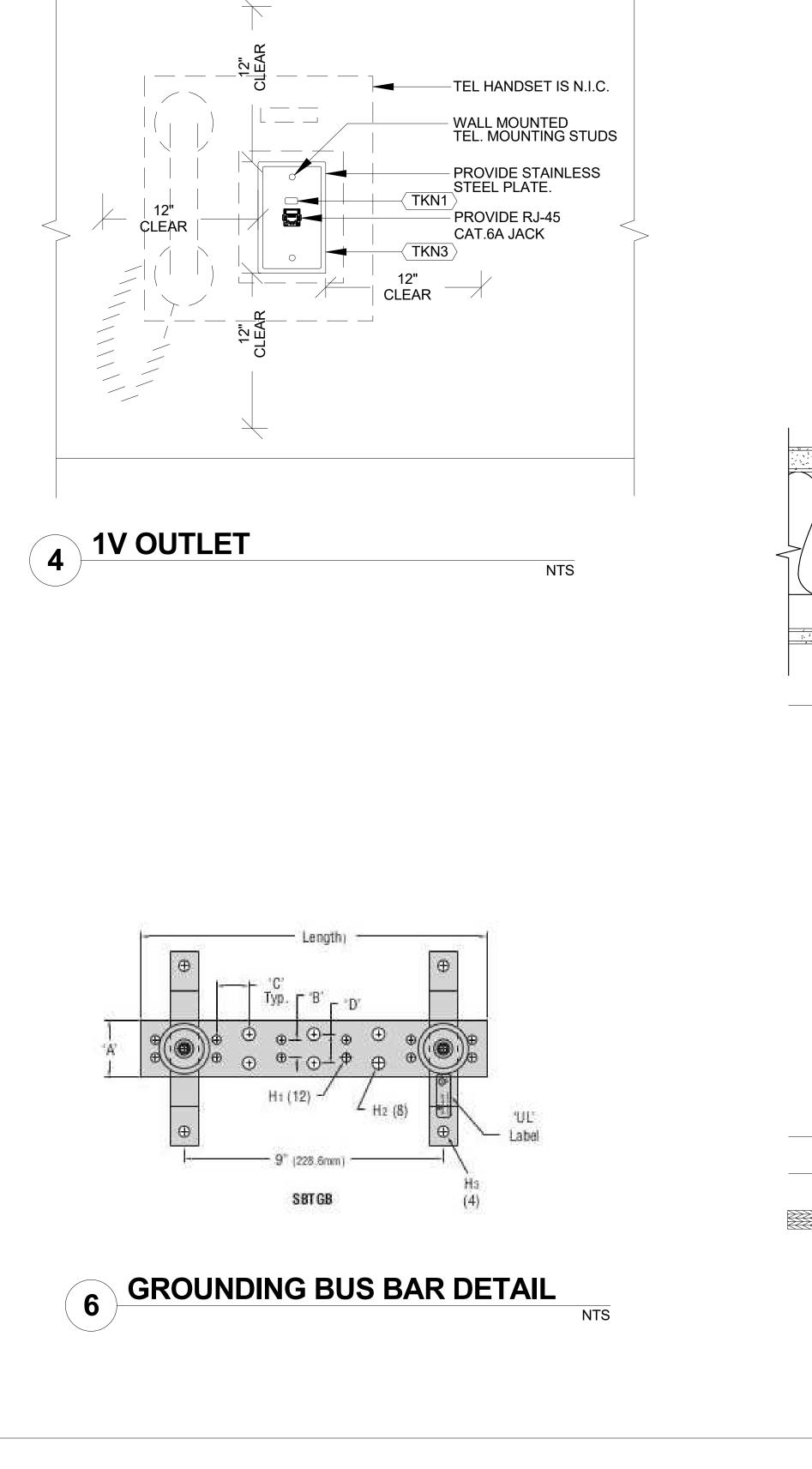


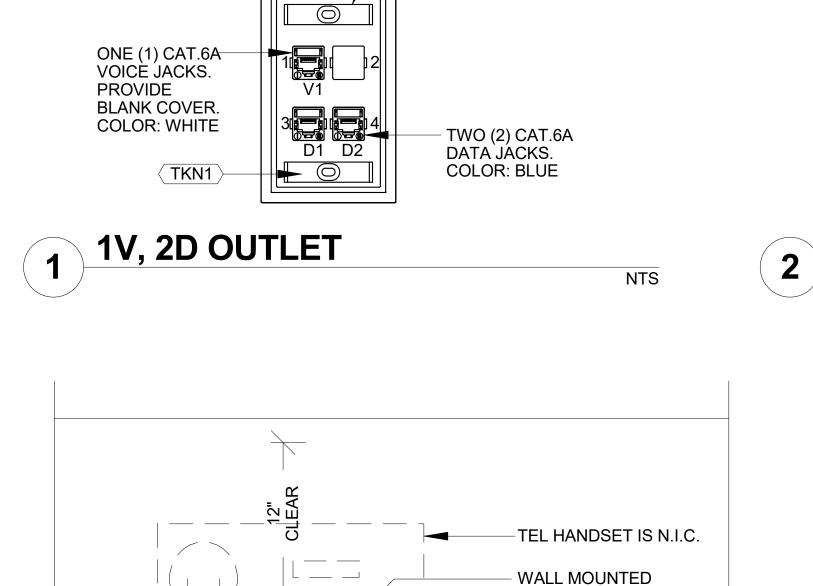




KEYNOTES				
TKN0019	(2) 4" C.			
TKN0422	PROVIDE 12" WIDE CABLE RUNWAY (CR-12) SUPPORTED FROM CEILING/STRUCTURE. MOUNT BOTTOM @ 7'-6" A.F.F.			

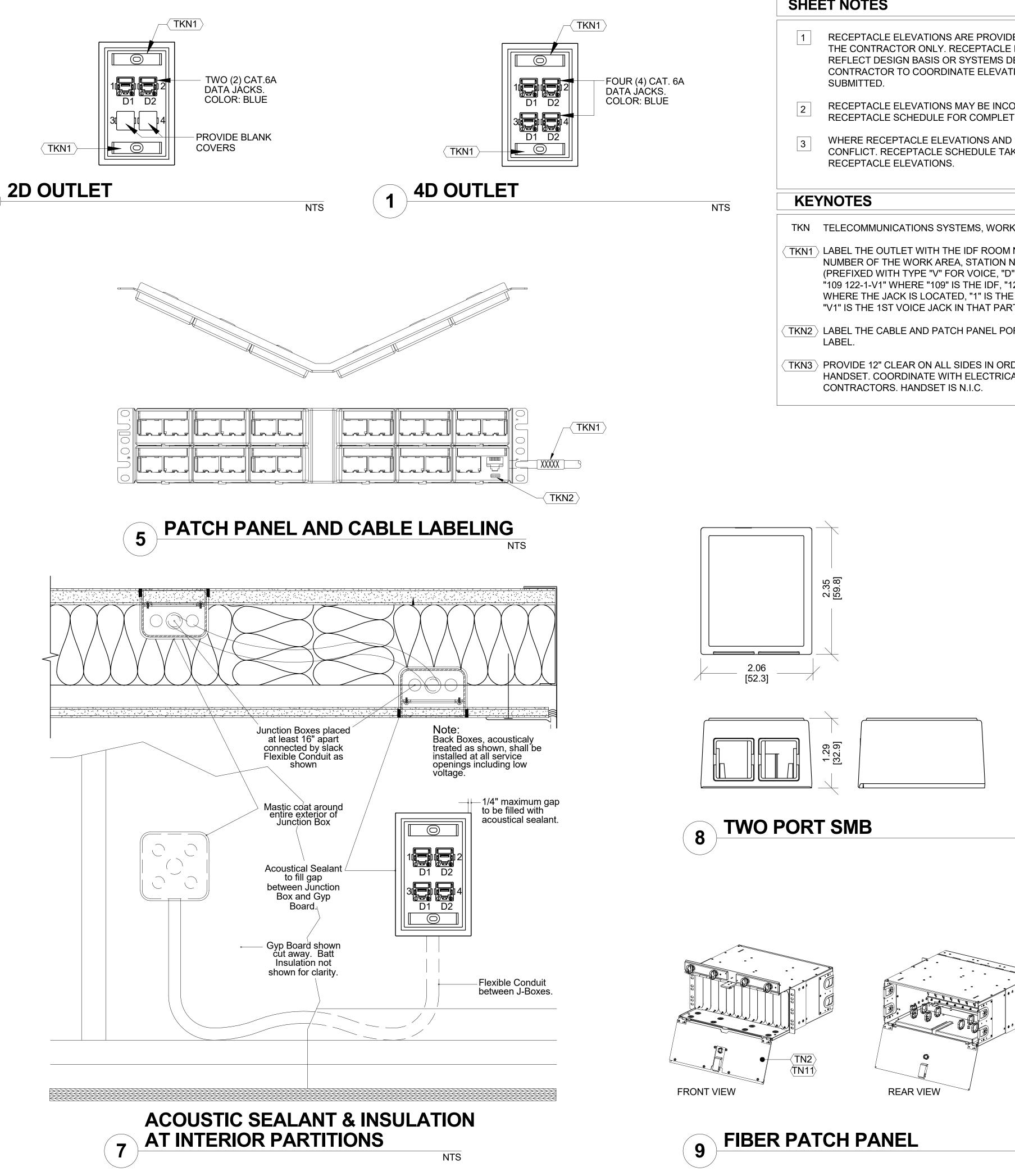
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03/7	11/2021	RAY ENRIQU REGIS. NO. 1 EXPIRES 12/	06011
PROJECT ADDRE		N AVE.	
KENSIN	GTON,	CA 9470	7
PROJECT TEAM CLIENT:	KENSINGTON		
	217 ARLINGT KENSINGTON CONTACT: BI T: (415) 378-9	I, CA 94707 LL HANSELL	
ARCHITECT:	MARJANG AF 930 COLE ST SAN FRANCIS CONTACT: KA	RCHITECTURE REET STE 101 SCO, CA. 94117 AREN MAR	
STRUCTURAL:	1390 EL CAM SAN CARLOS CONTACT: M	URAL ENGINEEF INO REAL STE 10 5, CA 94070 ATT FRANTZ	
CIVIL:	WALNUT CRE CONTACT: EI	ERS FORNIA BLVD ST EEK, CA 94596 RIC SWANSON	E 400
GEOTECH:		ICH ER ST #300 A 94612 ATHERINE ELLIS	
MEP:	T: (510) 879-4 LIST ENGINE 2 HARRIS CT MONTEREY, CONTACT: R	ERING CO. STE A7 CA 93940 ON BLUE	
AUDIO/VISUAL	351 8TH STRI SAN FRANCIS CONTACT: PI	E MCDONALD IN EET SCO, CA 94103 ETER MCDONAL	
ESTIMATOR:	SAN FRANCIS	ATION INC. ESS AVE, #26 SCO, CA 94110 ENRY TOORYAN	1
	T: (415) 826-9	020	
NO. ISSUED FOR	DESCRIPTIC R PERMIT	DN	DATE 04/01/2021
	INGTON FIRE IC SAFETY BU	PROTECTION DI ILDING	STRICT
DESCRIPTION COMMUNICAT	ONS - SECON	D FLOOR RCP	
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 $\langle \mathsf{TKN1} \rangle$

(TKN1)



SHEET NOTES

- RECEPTACLE ELEVATIONS ARE PROVIDED AS A CONVENIENCE FOR THE CONTRACTOR ONLY. RECEPTACLE ELEVATIONS GENERALLY REFLECT DESIGN BASIS OR SYSTEMS DESIGN BASIS ALTERNATES. CONTRACTOR TO COORDINATE ELEVATION WITH ALTERNATE
- RECEPTACLE ELEVATIONS MAY BE INCOMPLETE, REFER TO RECEPTACLE SCHEDULE FOR COMPLETE DETAILS.
- WHERE RECEPTACLE ELEVATIONS AND RECEPTACLE SCHEDULE CONFLICT. RECEPTACLE SCHEDULE TAKES PRECEDENCE OVER

- TKN TELECOMMUNICATIONS SYSTEMS, WORK OF DIVISIONS 27.
- TKN1 LABEL THE OUTLET WITH THE IDF ROOM NUMBER, ROOM NUMBER OF THE WORK AREA, STATION NUMBER, JACK NUMBER (PREFIXED WITH TYPE "V" FOR VOICE, "D" FOR DATA) (EXAMPLE: "109 122-1-V1" WHERE "109" IS THE IDF, "122" IS THE ROOM WHERE THE JACK IS LOCATED, "1" IS THE STATION LOCATION, "V1" IS THE 1ST VOICE JACK IN THAT PARTICULAR WALL PLATE.
- $\langle \mathsf{TKN2} \rangle$ label the cable and patch panel ports. Match the Jacks
- (TKN3) PROVIDE 12" CLEAR ON ALL SIDES IN ORDER TO MOUNT THE TEL HANDSET. COORDINATE WITH ELECTRICAL AND SECURITY

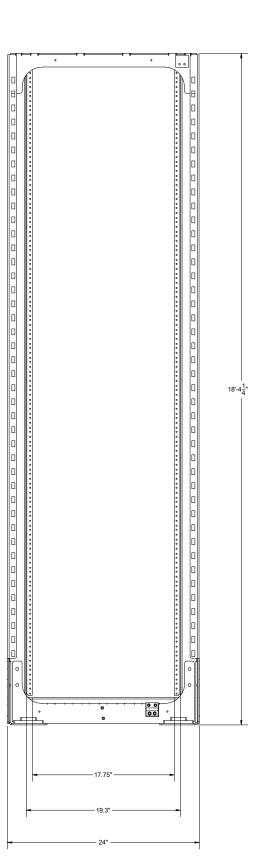
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Smith, Fause McDonald Inc. 351 8th Street, San Francisco, CA 94103 (415) 255-9140 Fax (415) 255-9180 www.sfmi.com info@sfmi.com						
STAMP	7.	MUNICAN SNO ST				
DATE	11/2021 RAY ENRIC REGIS. NO. EXPIRES 12	106011				
	LINGTON AVE. IGTON, CA 947	07				
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL					
ARCHITECT:	T: (415) 378-9064 MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600					
STRUCTURAL	: ZFA STRUCTURAL ENGINEE 1390 EL CAMINO REAL STE SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869					
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD S WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	TE 400				
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLI T: (510) 879-4544	S				
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390					
AUDIO/VISUAL	: SMITH FAUSE MCDONALD II 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONA T: (415) 255-9140					
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYA T: (415) 826-9626	NI				
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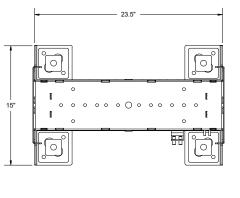


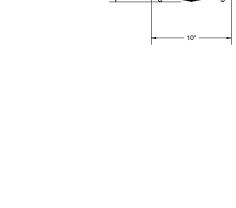


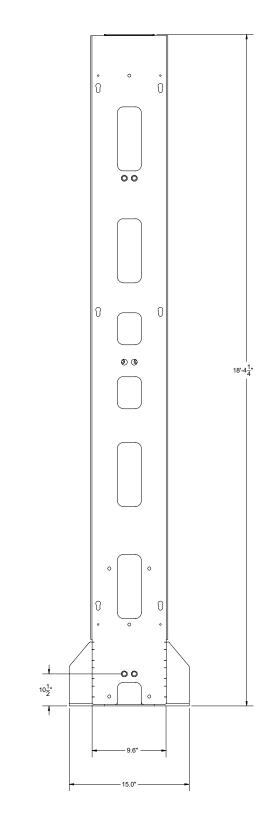




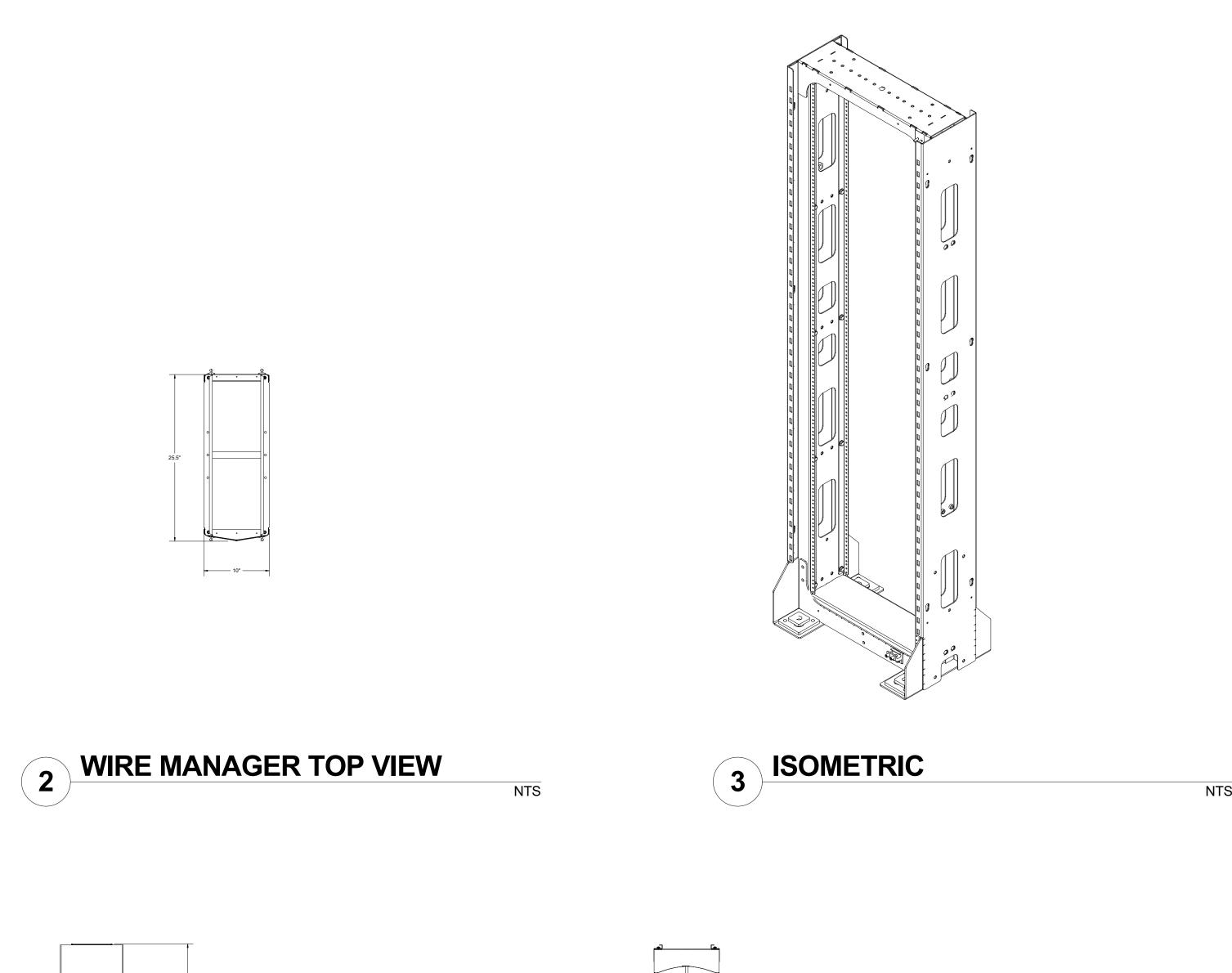
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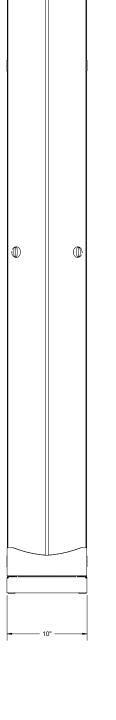












SECURELY FASTEN RACK TO FLOOR WITH ANCHOR BOLTS, 3/8" DIA SIMPSON STRONG BOLT EMBED 1 AT EACH CORNER, MIN.

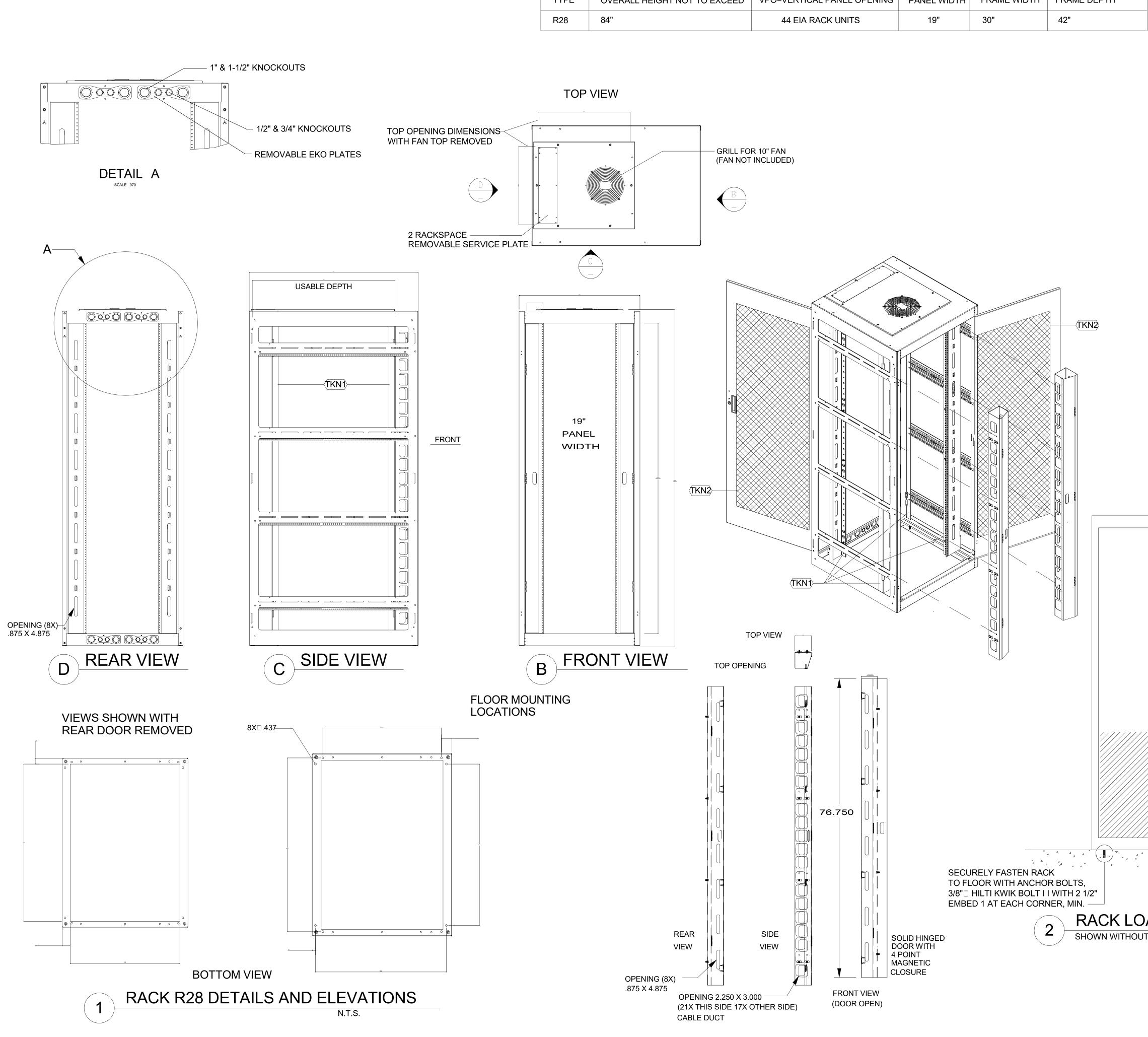


6 WIRE MANAGER FRONT VIEW



NTS

	Smith, Fause McDonald Inc. 351 8th Street, San Francisco, CA 94103 (415) 255-9140 Fax (415) 255-9180 www.sfmi.com info@sfmi.com
	STAMP May Ling 03/11/2021 STAMP S
	DATE RAY ENRIQUEZ REGIS. NO. 106011 EXPIRES 12/31/2022 PROJECT ADDRESS 217 ARLINGTON AVE. KENSINGTON, CA 94707
	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
	ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070
	CONTACT: MATT FRANTZ T: (650) 394-8869 CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200 GEOTECH: HALEY ALDRICH
S	1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544 MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE
	T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140 ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26
EXCEPT AS OTHERWISE DIRECTED, PLACE ANY BLANK PANELS AS NEAR TO THE TOP OF THE RACK AS POSSIBLE	SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626
	NO. DESCRIPTION DATE 100% DESIGN DEVELOPMENT 12/17/2021 ISSUED FOR PERMIT 04/01/2021
LOAD HEAVY EQUIPMENT (UNINTERUPTED POWER SUPPLIES, POWER AMPLIFIERS, ETC.) AS NEAR TO THE BOTTOM OF THE RACK AS POSSIBLE	
	JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING
MAX WT = 500 LBS	DESCRIPTION DETAILS - RACK R15
LOADING DETAILS	TN902



DIMENSIONS

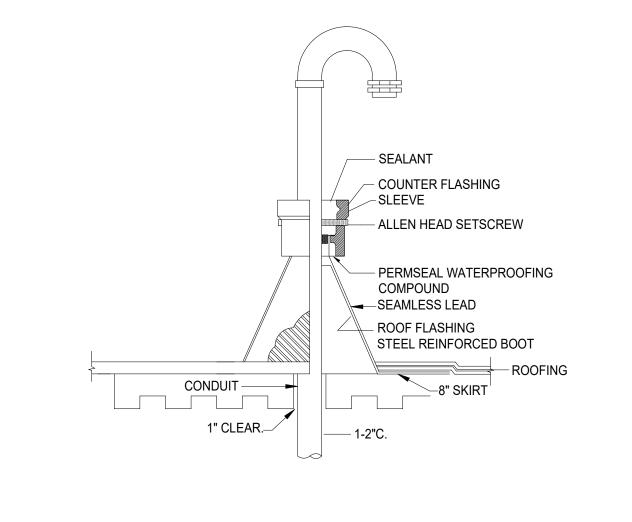
TYPE	OVERALL HEIGHT NOT TO EXCEED	VPO=VERTICAL PANEL OPENING	PANEL WIDTH	FRAME WIDTH	FRAME DEPTH		
R28	84"	44 EIA RACK UNITS	19"	30"	42"		



	KEYN	NOTES				Smith,	
	E	ELECTRICAL: W	ORK OF DIV. 26.			Fause	
	$\langle E1 \rangle$	5-20R DEDICATI UTILITY COVER	ED QUAD RECEPTACLE IN 4S BOX	WITH		McDonald 351 8th Street, San Francis	co, CA 94103
	TKN	TELECOMMUNI	CATIONS SYSTEMS: WORK OF DIVI	SION 27.		(415) 255-9140 Fax (415) www.sfmi.com info@sfm	
	(TKN1)		DMPLY WITH ANSI/EIA-310-D. POSIT	ION	STAMP		
	(TKN2)	ADJUSTABLE F				STERED	COMMUNICAS
		LOCKING FRON	T AND REAR FULL MESH DOORS.			AM KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSEL T: (415) 378-9064	L RE 101
					STRUCTU	T. (415) 522-0600 IRAL: ZFA STRUCTURAL ENGI 1390 EL CAMINO REAL S SAN CARLOS, CA 94070 CONTACT: MATT FRANT T: (650) 394-8869	TE 100
					CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLV WALNUT CREEK, CA 945 CONTACT: ERIC SWANS T: (925) 940-2200	96
					GEOTECH	I: HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE I T: (510) 879-4544	ELLIS
					MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390	
					AUDIO/VIS	SUAL: SMITH FAUSE MCDONAL 351 8TH STREET SAN FRANCISCO, CA 94 CONTACT: PETER MCDO T: (415) 255-9140	103
			EXCEPT AS OTHERWISE DIRECTED, PLACE ANY BLANK PANELS AS NEAR TO THE TOP OF THE RACK AS POSSIBLE		ESTIMATO		26 110
			LOAD HEAVY EQUIPMENT (UNINTERUPTED POWER SUPPLIES, POWER AMPLII ETC.) AS NEAR TO THE	FIERS,	NO. ISSUED	DESCRIPTION D FOR PERMIT	DATE 04/01/202
			BOTTOM OF THE RACK AS POSSIBLE				
4	4 4 4 4						
	DING THE DOOF	<mark>3 DETAIL</mark> २.	1" = 1'-0"		F DESCRIPTIO	KENSINGTON FIRE PROTECTIO PUBLIC SAFETY BUILDING N • RACK R28	

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Smith, Fause					
McDonald Inc. 351 8th Street, San Francisco, CA 94103 (415) 255-9140 Fax (415) 255-9180 www.sfmi.com info@sfmi.com					
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DATE	11/2021 TI/	JEZ 106011			
	^{ss} LINGTON AVE. IGTON, CA 9470)7			
PROJECT TEAM CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064				
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T. (415) 522-0600				
STRUCTURAL	ZFA STRUCTURAL ENGINEEF 1390 EL CAMINO REAL STE 1 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869				
CIVIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD ST WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200	E 400			
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544				
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AUDIO/VISUAL	: SMITH FAUSE MCDONALD IN 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONAL T: (415) 255-9140				
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYAN T: (415) 826-9626	I			
NO. ISSUED FO	DESCRIPTION R PERMIT	DATE 04/01/2021			
	SINGTON FIRE PROTECTION DI IC SAFETY BUILDING	STRICT			

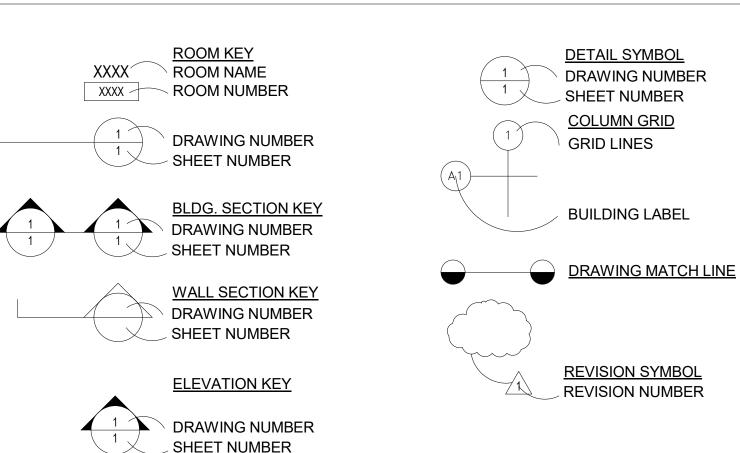




ELECTRONIC SECURITY SYSTEMS GENERAL NOTES

- 1 REFER TO SPECIFICATIONS FOR COMPLETE REQUIREMENTS.
- 2 PROVIDE CONDUIT, BOXES AND FITTINGS SHOWN ON ELECTRONIC SECURITY SYSTEMS (TY) SYSTEM DRAWINGS UNDER THE WORK OF SECTION 28 05 28 PATHWAYS FOR ELECTRONIC SAFETY AND SECURITY. UNLESS OTHERWISE INDICATED, PROVIDE 1 INCH TRADE SIZE MINIMUM . PROVIDE RACEWAY SIZE AS REQUIRED FOR A MAXIMUM OF 30 PERCENT WIRE FILL.
- 3 PROVIDE FIRESTOPPING UNDER THE WORK OF SECTION 28 05 28 PATHWAYS FOR ELECTRONIC SAFETY AND SECURITY.
- 4 LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON THE COMMUNICATIONS SYSTEMS DRAWINGS.
- 5 DEVICE QUANTITIES SHOWN ON FLOOR PLANS AND REFLECTED CEILING PLANS TAKE PRECEDENCE OVER DEVICE QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS.
- 6 QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS TAKE PRECEDENCE OVER QUANTITIES SHOWN ON RACK ELEVATIONS.
- 7 QUANTITIES SHOWN ON DEVICE SCHEDULES TAKE PRECEDENCE OVER QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS, FLOOR PLANS AND REFLECTED CEILING PLANS.
- 8 LOCATIONS SHOWN ON LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON SMALL SCALE DRAWINGS.
- 9 NOT USED.
- 10 WIRING FOR THE WORK OF ELECTRONIC SECURITY SYSTEMS IS NOT PERMITTED TO SHARE CONDUIT, SLEEVES OR J-HOOKS WITH WIRING FOR WORK OF DIVISION 27. MAINTAIN AT LEAST 2 INCHES SEPARATION IF RUNNING PARALLEL. MAINTAIN AT LEAST 3 INCHES OF SEPARATION VERTICALLY IF CROSSING AT RIGHT ANGLES.

GENERAL SYMBOLS



MATERIAL & EQUIPMENT LEGEND

1IDP	1" INNERDUCT, PLENUM RATED	OSP	OUTSIDE PLANT
2IDP	2" INNERDUCT, PLENUM RATED	SM	SINGLE MODE OPTIC
C5ePP	CATEGORY 5e PATCH PANEL	UTP5e-4	UNSHIELDED TWIST
C6PP	CATEGORY 6 PATCH PANEL.	UTP5e-4P	UNSHIELDED TWIST
FOH-P	FIBER OPTIC CABLE HYBRID, PLENUM RATED	UTP5e-40P	UNSHIELDED TWIST
FOH-OPR	FIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATED	UTP6-4	UNSHIELDED TWIST
FOM-OPR	FIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATED	UTP6-4P	UNSHIELDED TWIST
FOS-OPR	FIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED	UTP6-4OP	UNSHIELDED TWIST
FPP	FIBER PATCH PANEL	110TBXX	110 TERMINAL BLOC
FSC	FIBER SPLICE CLOSURE		110 TERMINAL BLOC
FSP	FIBER SPLICE PANEL	110PWTBXX	XX- NO OF PAIRS
FTB	FIBER TERMINAL BOX	TB15	TERMINAL BLOCK W
IDF	INTERMEDIATE DISTRIBUTION FACILITY		
MDF	MAIN DISTRIBUTION FACILITY.		
MM	MULTI MODE OPTICAL FIBER		
MMP	MULTIMEDIA PLATE		

<u>NOTE:</u>

SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.

LEGEND	
	SURFACE RACEWAY. FOR COMMUNICATIONS AND POWER SYSTEM PROVIDED UNDER DIV. 26.
	MARK INDICATES RACEWAY DROP FROM CEILING. COORDINATE EXACT LOCATION WITH DIV. 26 PLANS.
	NEW WIRE AND/OR CABLE IN EXPOSED CONDUIT OR RACEWAY. FILL PER SCHEDULE, PLANS AND SPECIFICATION SECTION 28 05 13.
	NEW WIRE AND/OR CABLE INSIDE NEW CONDUIT WALLS OR IN CEILING .
	NEW WIRE AND/OR CABLE IN (N) UNDERGROUND CONDUIT. FILL PER SCHEDULE, PLANS AND SPECIFICATION SECTION 28 05 13.
0	CABLE/RACEWAY TURNS UP
0	CABLE/RACEWAY TURNS DOWN
	HOME RUN
— — <u>-</u>] — ACJ — ►	CONDUIT TO CABLE TRANSITION POINT
	KEYNOTES

JUNCTION BOX SCHEDULE

SYMBOLH (INCHES)W (INCHES)(INCHES)J1664J2884J312124J412126J512126J616126J718188J820166J92068J1020206J1120206J1230208J1324208J1430308J1530308J1630308J1736368				
J2884J312124J412126J512128J616126J718188J820166J92068J1020206J1120208J1224208J1324248J1530308J1736308	SYMBOL		W (INCHES)	(INCHES)
J312124J412126J512128J616126J718188J820166J920168J1020206J1120208J1224206J1324248J1630308J1736308	J1	6	6	4
J412126J512128J616126J718188J820166J920168J1020206J1120206J1224208J1424248J1530248J1736308	J2	8	8	4
J512128J616126J718188J820166J920168J1020206J1120208J1224206J1324248J1530248J1630308J1736308	J3	12	12	4
J616126J718188J820166J920168J1020206J1120208J1224206J1324248J1530248J1630308J1736308	J4	12	12	6
J718188J820166J920168J1020206J1120208J1224206J1324208J1424248J1530248J1630308J1736308	J5	12	12	8
J820166J920168J1020206J1120208J1224206J1324208J1424248J1530248J1630308	J6	16	12	6
J920168J1020206J1120208J1224206J1324208J1424248J1530248J1630308J1736308	J7	18	18	8
J1020206J1120208J1224206J1324208J1424248J1530248J1630308J1736308	J8	20	16	6
J1120208J1224206J1324208J1424248J1530248J1630308J1736308	J9	20	16	8
J1224206J1324208J1424248J1530248J1630308J1736308	J10	20	20	6
J1324208J1424248J1530248J1630308J1736308	J11	20	20	8
J14 24 24 8 J15 30 24 8 J16 30 30 8 J17 36 30 8	J12	24	20	6
J15 30 24 8 J16 30 30 8 J17 36 30 8	J13	24	20	8
J16 30 30 8 J17 36 30 8	J14	24	24	8
J17 36 30 8	J15	30	24	8
	J16	30	30	8
J18 36 36 8	J17	36	30	8
	J18	36	36	8

OPTICAL FIBER

WISTED PAIR, CAT. 5e

WISTED PAIR, CAT. 5e PLENUM

WISTED PAIR, CAT. 5e OUTSIDE PLANT

WISTED PAIR, CAT. 6

WISTED PAIR, CAT. 6 PLENUM

WISTED PAIR, CAT. 6 OUTSIDE PLANT

BLOCK, CAT.5, XX-NO OF PAIRS

BLOCK, PRE-WIRED W/50 PIN CONNECTOR,

CK WITH 15 AMP SWITCH BLADE.

SUFFIX: NONE - NEMA 1 C - NEMA 4 A - NEMA 12 D - NEMA 4X B - NEMA 3R

EXAMPLE: J16C= 30"H X 30"W X 8"D HINGED NEMA 4 JBOX.

<u>NOTE 1</u>

ALL JUNCTION BOXES TO BE HINGED TYPE, PROVIDED WITHOUT PRE-PUNCHED KNOCKOUTS. PENETRATIONS IN JUNCTION BOXES SHALL BE CUT OR PUNCHED AS REQUIRED FOR INSTALLATION. PAINT ALL INTERIOR BOXES TO MATCH WALL FINISH. COORDINATE FINISH WITH ARCH. PLANS.

RR	REVIATIONS
SR-1 SR-2.5	SINGLE CHAMBER SURFACE RACEWAY THREE CHAMBER SURFACE RACEWAY
D.A.	AMERICANS WITH DISABILITIES ACT
DF	
	ABOVE FINISHED CEILING ABOVE FINISHED FLOOR
T	ALTERNATE
M.F.F. DF	ABOVE MEZZANINE FINISHED FLOOR BUILDING DISTRIBUTION FACILITY
F.C.	
_DG.	
O.H.	BACK OF HOUSE CONDUIT
AT.	CATEGORY
BC	CALIFORNIA BUILDING CODE
EC	CALIFORNIA ELECTRICAL CODE
OMM.	COMMUNICATIONS
.L.	CENTERLINE
	CONDUIT ONLY
ONT.	CONTINUATION
S	COMMUNICATIONS SYSTEM
))	
ED	DEDUCTIVE
DIA.	DIAMETER
IV -\	DIVISION
E)	EXISTING
A. IA	EACH ELECTRONIC INDUSTRIES ASSOCIATION
	ELEVATION
	ELEVATION END OF LINE
-	EQUIPMENT
N	FINISHED
UT	
.R. T.	
	HEIGHT
ATV AX.	
	MAXIMUM
IN.	MINIMUM
OD.	MODULAR
ION.	MONUMENT
1)	
.I.C.	NOT IN CONTRACT
TS .C.	NOT TO SCALE ON CENTER
	OUTSIDE DIAMETER
	OWNER FURNISHED EQUIPMENT
PP.	OPPOSITE
	PANEL
	PROJECT
	PROJECT STANDARD RECEPTACLE HEIGHT +18" AFF, U.O.N.
	PROJECT STANDARD SWITCH HEIGHT +48" AFF TO \mathcal{G} , U.O.N.
	REFER TO
	REFERENCE
IM.	SIMILAR
М	SINGLE MODE OPTICAL FIBER
N	SHEET NOTE
Р	SHIELDED PAIR - SEE SPECIFICATIONS
	SPECIFICATION
.R.	SURFACE RACEWAY
TD	STANDARD
TP	SHIELDED TWISTED PAIR
.C.	TELECOMMUNICATIONS CLOSET
EL	TELEPHONE
ELCOM	TELECOMMUNICATIONS
IA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
Р	TWISTED PAIR
YP.	TYPICAL
.O.N.	UNLESS OTHERWISE NOTED
1/	WITH
/P	WEATHERPROOF

Smith, Fause McDonald Inc. 351 8th Street, San Francisco, CA 94103 (415) 255-9140 Fax (415) 255-9180 www.sfmi.com info@sfmi.com				
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play E). FS	BUT AND	MUNICATIONS SSE DESIGN	
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PROJECT TEAM CLIENT:	217 ARLING KENSINGT	ON DISTRICT GTON AVE ON, CA 94707 BILL HANSELL		
ARCHITECT:	930 COLE S SAN FRAN	ARCHITECTURE STREET STE 101 CISCO, CA. 9411 KAREN MAR 2-0600		
STRUCTURAL:	1390 EL CA SAN CARLO	CTURAL ENGINE MINO REAL STE OS, CA 94070 MATT FRANTZ I-8869		
CIVIL:	WALNUT C	LIFORNIA BLVD REEK, CA 94596 ERIC SWANSON		
GEOTECH:	OAKLAND,	STER ST #300 CA 94612 CATHERINE ELI	_IS	
MEP:	2 HARRIS (MONTERE	Y, CA 93940 RON BLUE		
AUDIO/VISUAL:	351 8TH ST SAN FRAN	CISCO, CA 94103 PETER MCDON	3	
ESTIMATOR:	850 S. VAN SAN FRAN	IMATION INC. NESS AVE, #26 CISCO, CA 9411(HENRY TOORY, 5-9626		
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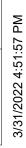


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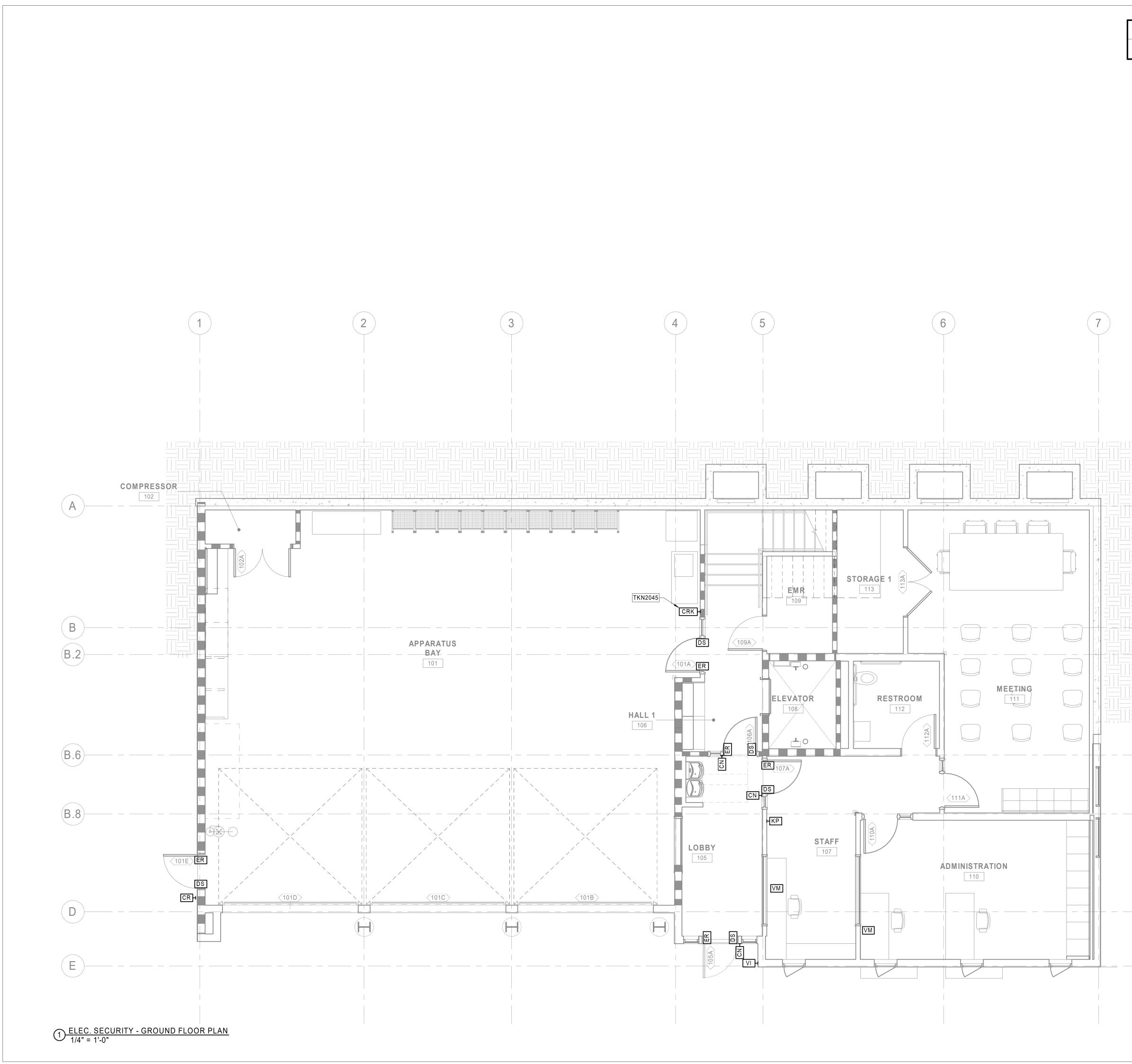
SYMBOL	DEVICE	FUNCTION OR SERVICE	LOCATION	WORK OF	ROUGH-IN	RACEWAY	ELEVATION	CABLE FILL	FINISH	DETAIL SHEET(S)
↑ (1) PTZ	CCTV IP CAMERA, PTZ, INDOOR/OUTDOOR.	VISUAL SURVEILLANCE	WALL OR CLG AS INDICATED	28 23 00	FLUSH 4S BOX. 2 G. RING	(1) 1" C. STUBBED UP TO ACCESSIBLE CEILING.	AS SCHEDULED	1 CAT 6 CABLE PER DIV 27.	AS SPECIFIED	TY-902
▲ 3-▶	CCTV IP CAMERA, 180 DEGREE CAPABLE, THREE SENSOR MINIMUM, FIXED FOCUS, INDOOR/OUTDOOR.	VISUAL SURVEILLANCE	WALL OR CLG AS INDICATED	28 23 00	FLUSH 4S BOX. 2 G. RING	(1) 1" C. STUBBED UP TO ACCESSIBLE CEILING.	AS SCHEDULED	1 CAT 6 CABLE PER DIV 27.	AS SPECIFIED	TY-902
·	CCTV IP CAMERA, 90 DEGREE CAPABLE, SINGLE SENSOR, FIXED FOCUS, INDOOR/OUTDOOR.	VISUAL SURVEILLANCE	WALL OR CLG AS INDICATED	28 23 00	FLUSH 4S BOX. 2 G. RING	(1) 1" C. STUBBED UP TO ACCESSIBLE CEILING.	AS SCHEDULED	1 CAT 6 CABLE PER DIV 27.	AS SPECIFIED	TY-902
. —	CARD READER, NARROW, DOOR MULLION MOUNT TYPE.	ACCESS CONTROL	INDICATED	28 05 28 28 13 00	MOUNT ON DOOR MULLION.	SEE TY-901	+44" AFF TO CL U.O.N.	SEE ACS FUNCTIONAL DIAGRAM	AS SPECIFIED	TY9.1
	CARD READER	ACCESS CONTROL/IDS	INDICATED	28 05 28 28 13 00	FLUSH 4S BOX, 2-1/8" DEEP MIN., 1 GANG RING	SEE TY-901	+44" AFF TO CL U.O.N.	SEE ACS FUNCTIONAL DIAGRAM	AS SPECIFIED	TY9.1
CKP	CARD READER, MULTI-PROTOCOL PROX/SMART WITH INTEGRAL KEYPAD. PROVIDE A HOOD ON ALL EXTERIOR LOCATIONS.	ACCESS CONTROL/IDS	INDICATED	28 05 28 28 13 00	FLUSH 4S BOX, 2-1/8" DEEP MIN., 1 GANG RING. PROVIDE COVER ON ALL EXTERIOR LOCATIONS.	SEE TY-901	+44" AFF TO CL U.O.N.	SEE ACS FUNCTIONAL DIAGRAM	AS SPECIFIED	TY-901
DO	DOOR OPERATOR FOR ADA PUSH PLATE.	ACCESS CONTROL	PEDESTAL	WO 2		SEE TY-901	AS DETAILED ON ARCH PLANS	SEE ACS FUNCTIONAL DIAGRAM		TY-901
DS	DOOR POSITION SWITCH	ACCESS CONTROL/IDS	LRI 1	28 13 00	LRI 1	SEE TY-901	AS DETAILED			TY-901
DU	ROLL-UP DOOR POSITION SWITCH	ACCESS CONTROL/IDS		28 16 19		SEE TY-901	AS DETAILED	SEE ACS FUNCTIONAL DIAGRAM		TY-901
EL	ELECTRIC LOCK	ACCESS CONTROL/IDS	INDICATED	WO1	MUD BOX AT SOLID GROUTED DOOR FRAMES	SEE TY-901	WIRE TO MIDDLE HINGE OF DOOR OPPOSITE LOCK			TY-901
	ELECTRIC LOCK WITH INTEGRAL REX MICROSWITCH	ACCESS CONTROL/IDS	INDICATED	08 71 00 WO1	MUD BOX AT SOLID GROUTED DOOR FRAMES	SEE TY-901	AS DETAILED	PER FUNCTIONAL		TY-901
	GARAGE ROLL-UP DOOR/PARKING GATE MOTOR CONTROLLER	INTRUSION DETECTION	INDICATED	28 1300	N/A - STUB TO MOTOR CONTROLLER AT LV TERMINAL SIDE.	(1) ¾" C. STUBBED UP TO ACCESSIBLE CEILING.		AS REQUIRED - COORDINATE INTERFACE TYPE WITH WORK OF DIV 8 AND 26.		
HS	HATCH SWITCH	ACCESS CONTROL/IDS	ACCESS HATCH	28 13 00	AS SPECIFIED	(1) 1/2" C. UP TO ACCESSIBLE CEILING	ACCESS HATCH	PER MANUFACTURER'S RECOMMENDATION		
LA	DOOR LOCAL ALARM	ACCESS CONTROL/IDS	INDICATED	28 13 00	4S BOX W/ 1 G RING, U.O.N.	(1) ³ / ₄ " C. STUBBED UP TO ACCESSIBLE CEILING.	+84" AFF TO CL U.O.N.	SEE ACS FUNCTIONAL DIAGRAM	AS SPECIFIED	
КР	KEYPAD, INTRUSION. PROVIDE MULTIPLE ZONES OR PARTITIONS, AS DIRECTED BY THE CITY'S REPRESENTATIVE.	INTRUSION DETECTION	INDICATED	28 13 00	4S BOX W/ 1 G RING, U.O.N.	(1) 1" C. UP TO ACCESSIBLE CEILING SPACE.	+44" AFF TO CL, U.O.N.	AS SPECIFIED	AS SPECIFIED	
	POWERED OPERATOR, MOTOR ASSISTED DOOR	ACCESS CONTROL	INDICATED	WO2	N/A - STUB TO MOTOR CONTROLLER AT LV TERMINAL SIDE.	SEE TY-901	ABOVE THE DOOR FRAME.	SEE ACS FUNCTIONAL DIAGRAM	N/A	
	RELEASE DOOR BUTTON, CASEWORK MOUNTED	ACCESS CONTROL	UNDERSIDE OF CASEWORK	28 16 19	AS SPECIFIED	(1) ³ / ₄ " C. STUBBED UP TO ACCESSIBLE CEILING.	TOP OF CASEWORK	SEE ACS FUNCTIONAL DIAGRAM		
REX	REQUEST-TO-EXIT BUTTON, WALL MOUNTED	ACCESS CONTROL/IDS	INDICATED	28 16 19	4S BOX W/ 1 G RING, U.O.N.	SEE TY-901	+44" AFF TO CL U.O.N.			TY-901
11/1	VIDEO IP INTERCOM STATION AT DOOR, OFOI. PROVIDE ROUGH-IN ONLY.	TELECOMMUNICATIONS	AT DOOR	28 23 00	4S BOX W/ 2 G RING, U.O.N.	(1) ³ ⁄ ₄ " C. STUBBED UP TO ACCESSIBLE CEILING.	+44" AFF TO CL U.O.N.	1 CAT 6 CABLE PER DIV 27.	AS SPECIFIED	
1 / 1 /	VIDEO IP MASTER STATION, OFOI. PROVIDE ROUGH-IN ONLY.	TELECOMMUNICATIONS	WALL	28 23 00	4S BOX W/ 2 G RING, U.O.N.	(1) ³ ⁄4" C. STUBBED UP TO ACCESSIBLE CEILING.	+44" AFF TO CL U.O.N.	1 CAT 6 CABLE PER DIV 27.	AS SPECIFIED	
WS	WINDOW POSITION SWITCH	ACCESS CONTROL/IDS	WINDOW	28 13 00	AS SPECIFIED	(1) 1/2" C. UP TO ACCESSIBLE CEILING	WINDOW	PER MANUFACTURER'S RECOMMENDATION		
NOTE NO.	WORK OF NOTES									
WO1	ELECTRIC LOCK, ELECTRIC STRIKE, TRANSFE INTEGRATED IN PANIC HARDWARE BY DIV. 8, SUPPLIES BY DIVISION 28									
WO2	MOTOR ASSISTED POWER DOOR OPERATOR UNSECURE SIDE UNDER CONTROL OF ACCES		ENTRY FROM							
NOTE NO.	LOCATION & ROUGH-IN NOTES									
LRI 1	TOP OF DOOR AND IN DOOR FRAME, NOT MO INSTALLATION SHALL NOT COMPROMISE FIR									
LRI 2	4S BOX W/ 1 GANG RING AND BLANK COVER									
LRI 3	4S BOX W/ BLANK COVER PLATE W/ GROMME UNDERSIDE OF ROOF. EXTEND HS TO HATCH WITH MANUFACTURER INSTRUCTIONS.									

LRI 4 SURFACE MOUNT ON DOOR FRAME. INSTALLATION SHALL NOT COMPROMISE FIRE RATING OF DOOR.

Fa M 351 (41)	8th Street, 5) 255-9140	San Francisco, () Fax (415) 255 n info@sfmi.co	CA 94103 -9180
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Jag E	7. 7 8 11/2021	BIC BIC	SN CAT LONSO
DATE		RAY ENRIQU REGIS. NO. EXPIRES 12/	106011
	INGT	DN AVE. , CA 9470)7
PROJECT TEAM CLIENT:	217 ARLING KENSINGTO	DN DISTRICT STON AVE DN, CA 94707 BILL HANSELL	
ARCHITECT:	MARJANG A 930 COLE S SAN FRANC	ARCHITECTURE STREET STE 101 CISCO, CA. 94117 KAREN MAR	
STRUCTURAL:	1390 EL CA SAN CARLO	TURAL ENGINEEF MINO REAL STE 1 OS, CA 94070 MATT FRANTZ -8869	
CIVIL:	WALNUT CI	LIFORNIA BLVD ST REEK, CA 94596 ERIC SWANSON	E 400
GEOTECH:	OAKLAND,	TER ST #300 CA 94612 CATHERINE ELLIS	
MEP:	LIST ENGIN 2 HARRIS C MONTEREY CONTACT: T: (831) 373	′, CA 93940 RON BLUE	
AUDIO/VISUAL	351 8TH ST SAN FRANC	CISCO, CA 94103 PETER MCDONAL	
ESTIMATOR:	850 S. VAN SAN FRANC	IMATION INC. NESS AVE, #26 CISCO, CA 94110 HENRY TOORYAN -9626	1
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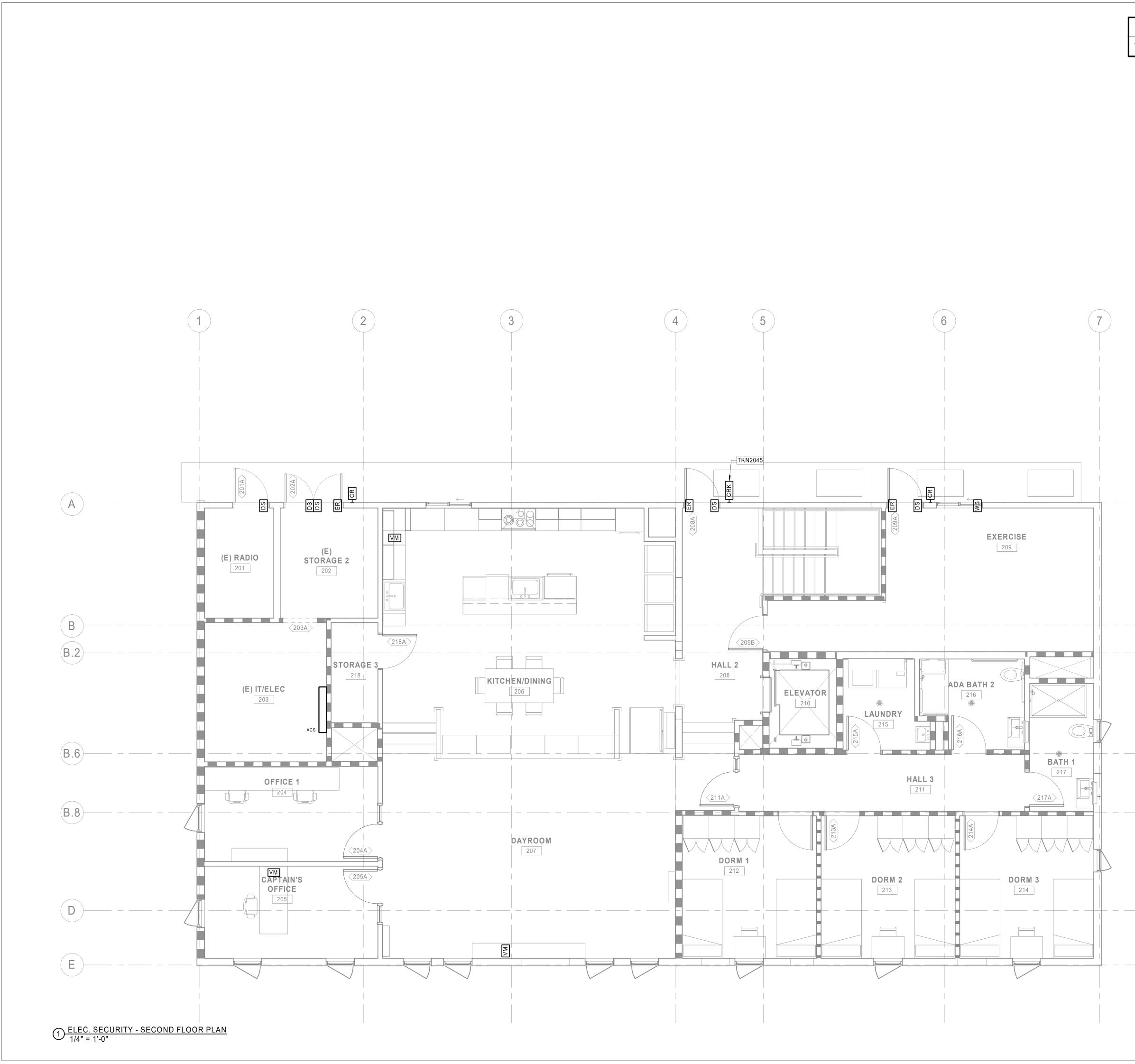


TKN2045 CONFIGURE THE READER TO PROVIDE ACCESS FOR A VALID FOB OR A VALID CODE.

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	(415) 255-9140	San Francisco Fax (415) 25 info@sfmi.c	5-9180
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	ECT TEAM IENT:	KENSINGTO PROTECTIO 217 ARLING ⁻ KENSINGTO CONTACT: E T: (415) 378-	N DISTRICT TON AVE N, CA 94707 BILL HANSELL	
AR	CHITECT:	MARJANG A 930 COLE S ⁻	RCHITECTURE IREET STE 101 ISCO, CA. 94117 (AREN MAR	,
ST	RUCTURAL:	1390 EL CAN SAN CARLO	IATT FRANTZ	
CIV	/IL:	WALNUT CR	IFORNIA BLVD S EEK, CA 94596 ERIC SWANSON	
GE	OTECH:	HALEY ALDF 1956 WEBST OAKLAND, C CONTACT: C T: (510) 879-	ER ST #300 A 94612 ATHERINE ELL	IS
ME	P:	LIST ENGINE 2 HARRIS C MONTEREY CONTACT: F T: (831) 373-	T STE A7 CA 93940 RON BLUE	
AU	DIO/VISUAL:	351 8TH STF SAN FRANC	ISCO, CA 94103 PETER MCDONA	
ES	TIMATOR:	SAN FRANC	NESS AVE, #26 ISCO, CA 94110 IENRY TOORYA	
NO.	100% DESIG ISSUED FOR	DESCRIPTI N DEVELOPM PERMIT		DATE 12/17/2021 04/01/2021
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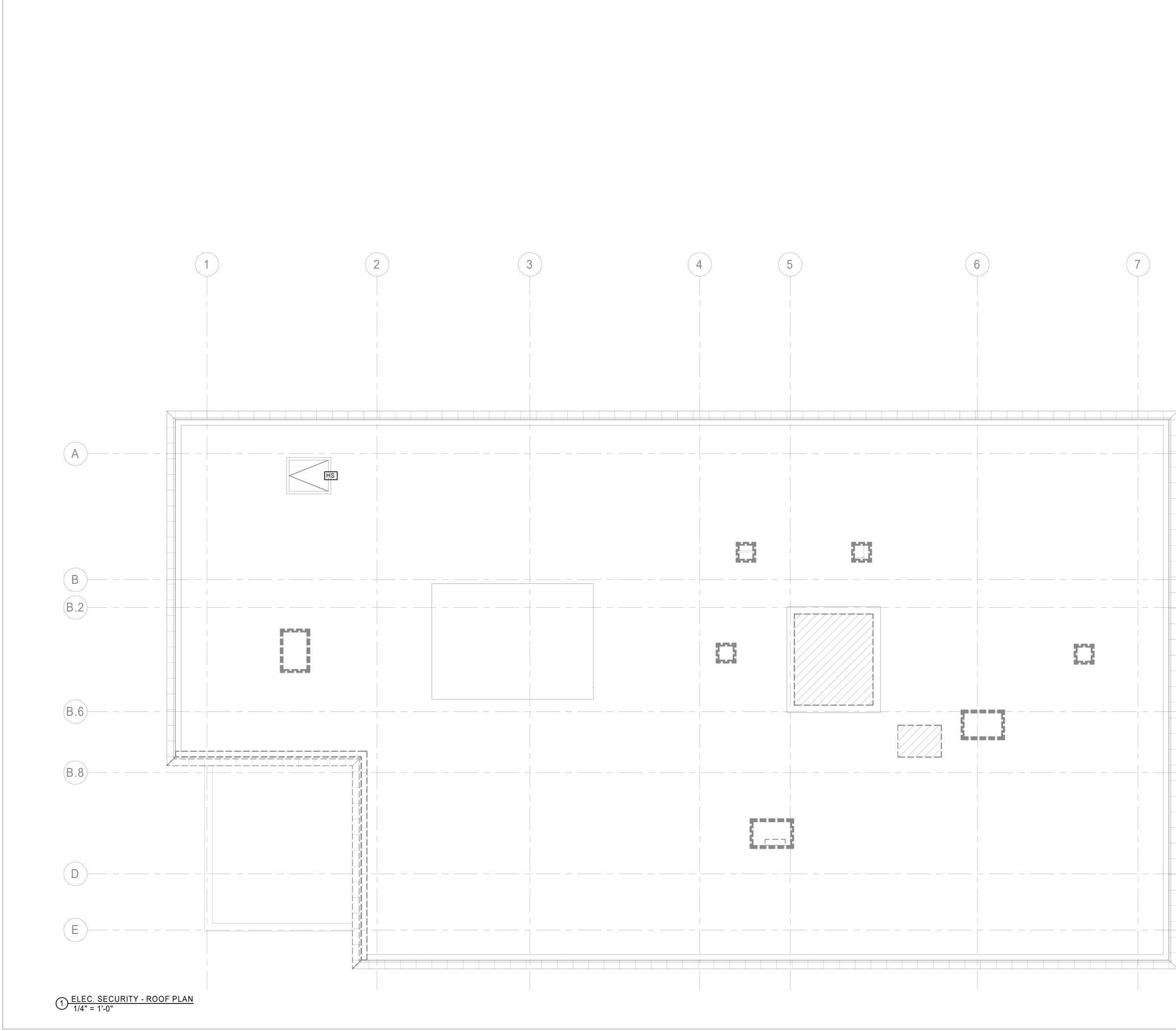
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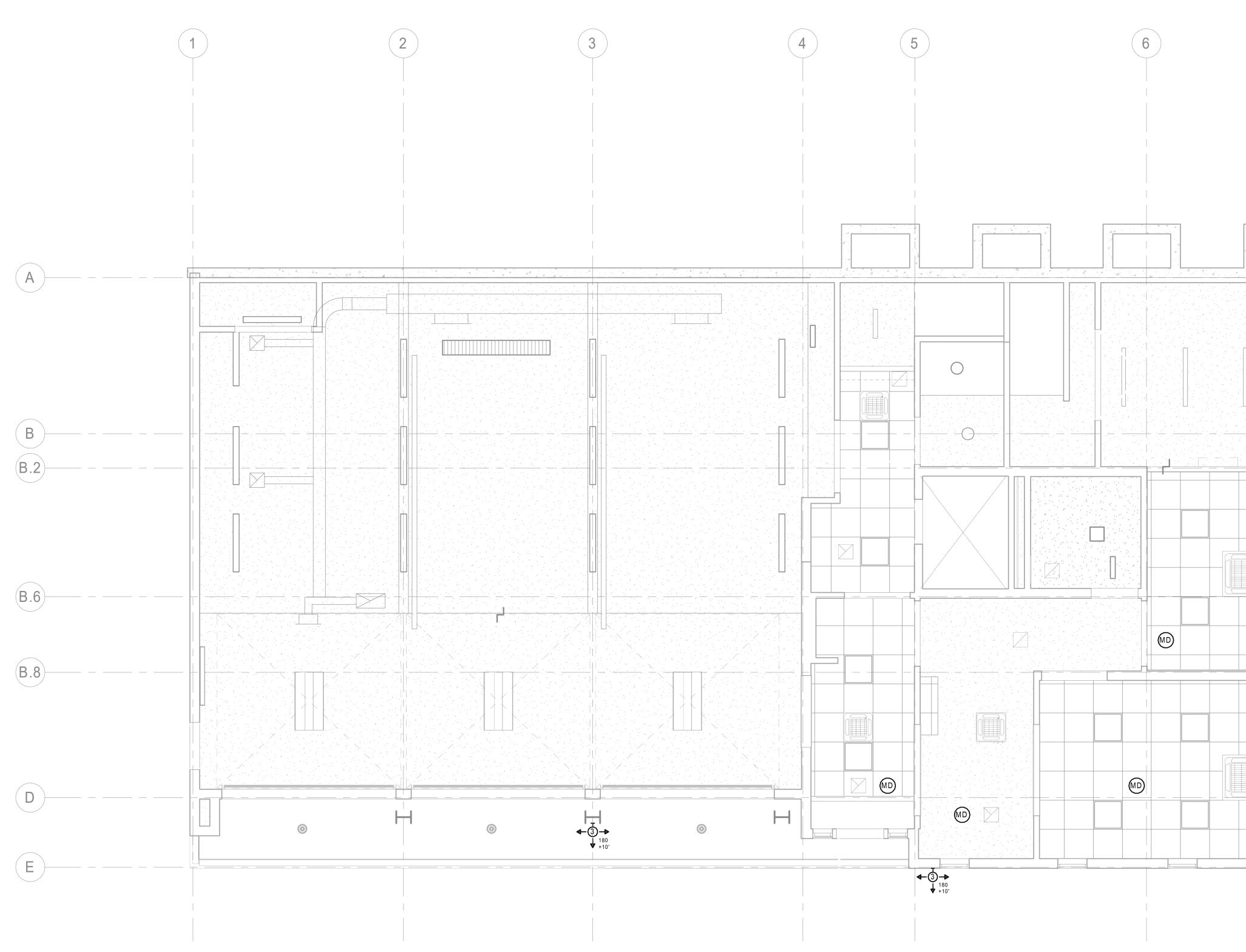


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ARCHITECT:	MARJANO 930 COLE SAN FRA	G ARCHITECT STREET STI NCISCO, CA. I: KAREN MA	E 101 94117	
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CIVIL:	WALNUT	ALIFORNIA B CREEK, CA 9 T: ERIC SWAI	94596	E 400
GEOTECH:	OAKLANE	3STER ST #3(), CA 94612 I: CATHERIN		
MEP:	2 HARRIS MONTER	INEERING C CT STE A7 EY, CA 93940 T: RON BLUE 73-4390	-	
AUDIO/VISUA	351 8TH S SAN FRA	STREET NCISCO, CA 9 T: PETER MC	94103	
ESTIMATOR:	850 S. VA SAN FRA	TIMATION IN N NESS AVE NCISCO, CA T: HENRY TO 26-9626	, #26 94110	
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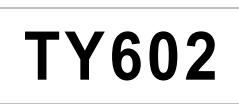


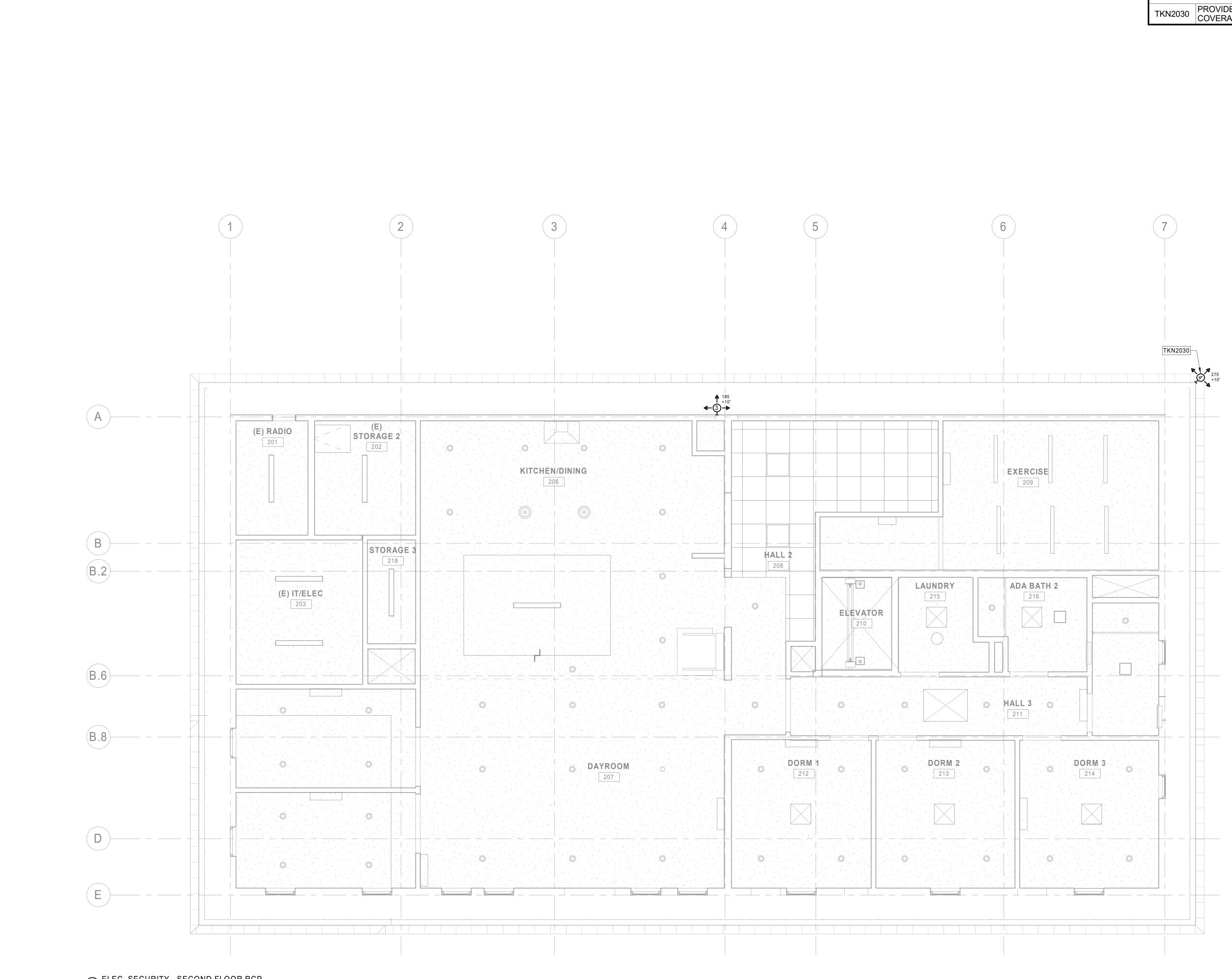
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PROJECT TEAM CLIENT:	KENSINGTON F PROTECTION F 217 ARLINGTO KENSINGTON, CONTACT: BILL T: (415) 378-906	DISTRICT N AVE CA 94707 _ HANSELL	
ARCHITECT:	MARJANG ARC 930 COLE STRE SAN FRANCISC CONTACT: KAF T. (415) 522-060	HITECTURE EET STE 101 CO, CA. 94117 REN MAR	
STRUCTURAL:	ZFA STRUCTUI 1390 EL CAMIN SAN CARLOS, 6 CONTACT: MAT T: (650) 394-886	O REAL STE 10 CA 94070 IT FRANTZ	
CIVIL:	BKF ENGINEEF 1646 N. CALIFO WALNUT CREE CONTACT: ERI T: (925) 940-220	RNIA BLVD ST K, CA 94596 C SWANSON	E 400
GEOTECH:	HALEY ALDRIC 1956 WEBSTEF OAKLAND, CA CONTACT: CAT T: (510) 879-454	8 ST #300 94612 FHERINE ELLIS	
MEP:	LIST ENGINEER 2 HARRIS CT S MONTEREY, C/ CONTACT: ROM T: (831) 373-439	TE A7 A 93940 N BLUE	
AUDIO/VISUAL	SMITH FAUSE I 351 8TH STREE SAN FRANCISC CONTACT: PET T: (415) 255-914	T CO, CA 94103 TER MCDONALI	
ESTIMATOR:	MICROESTIMA 850 S. VAN NES SAN FRANCISC CONTACT: HEN T: (415) 826-962	SS AVE, #26 CO, CA 94110 NRY TOORYAN	I
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1 ELEC. SECURITY - FIRST FLOOR RCP 1/4" = 1'-0"

	KEYNOTES			Smith		
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					CISCO, CA. 94117 KAREN MAR -0600	
		s	TRUCTU	1390 EL CA	TURAL ENGINEER	
					DS, CA 94070 MATT FRANTZ -8869	
		с	IVIL:	BKF ENGIN 1646 N. CAI	EERS LIFORNIA BLVD ST	E 400
					REEK, CA 94596 ERIC SWANSON -2200	
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				MONTEREY CONTACT: T: (831) 373	′, CA 93940 RON BLUE	
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				SAN FRAN	CISCO, CA 94103 PETER MCDONAL	D
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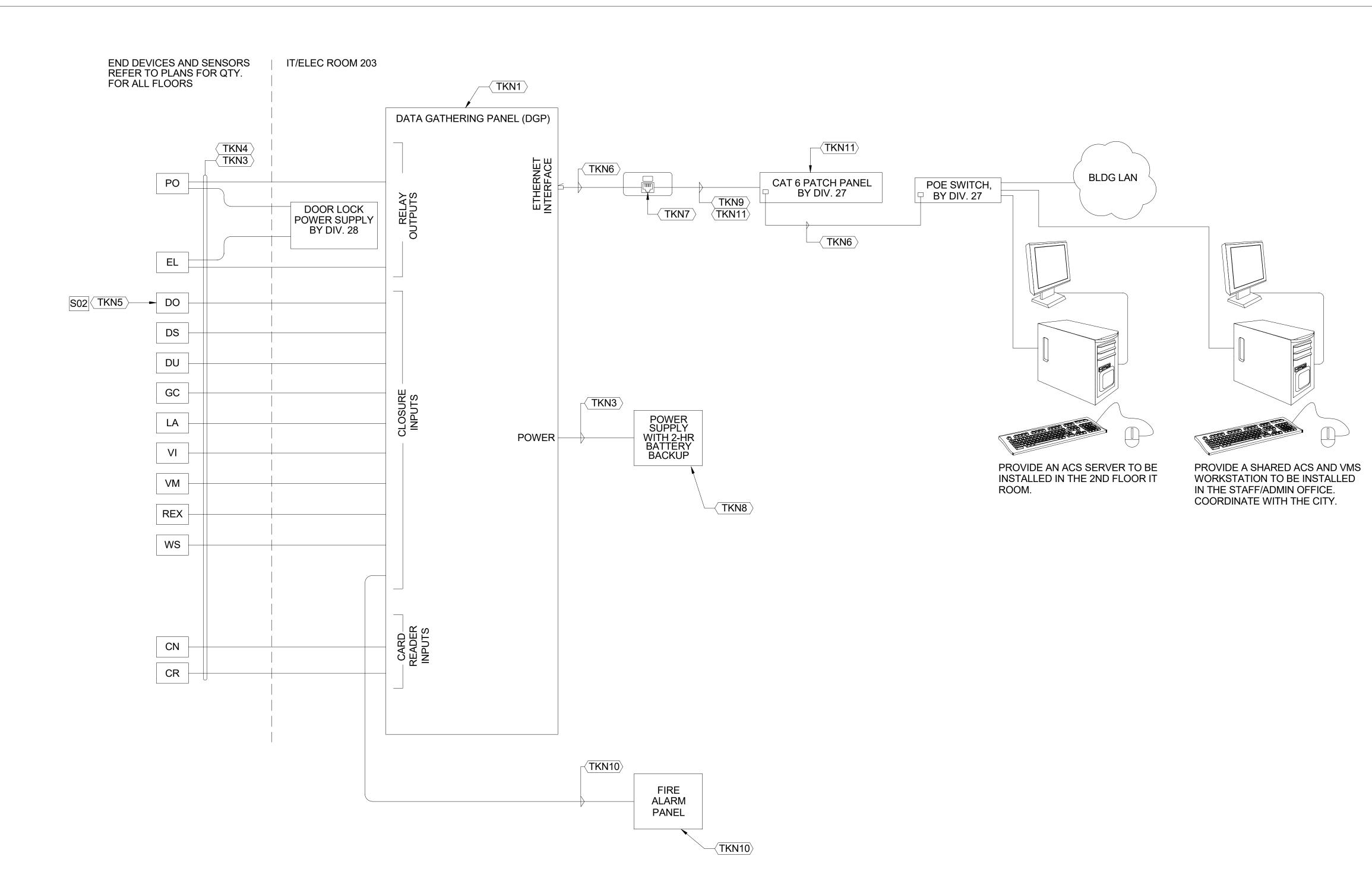
1 ELEC. SECURITY - SECOND FLOOR RCP 1/4" = 1'-0"

KEYNOTES

TKN2030 PROVIDE CORNER BRACKET TO HAVE A 270 DEGREE COVERAGE.

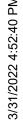
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AF	CHITECT:	T: (415) 378-9064 MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR							
ST	RUCTURAL	T. (415) 522-0600 ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869							
Cľ	VIL:	BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200							
GE	EOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544							
MEP:		LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390							
AU	IDIO/VISUAL	: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140							
ES	TIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626							
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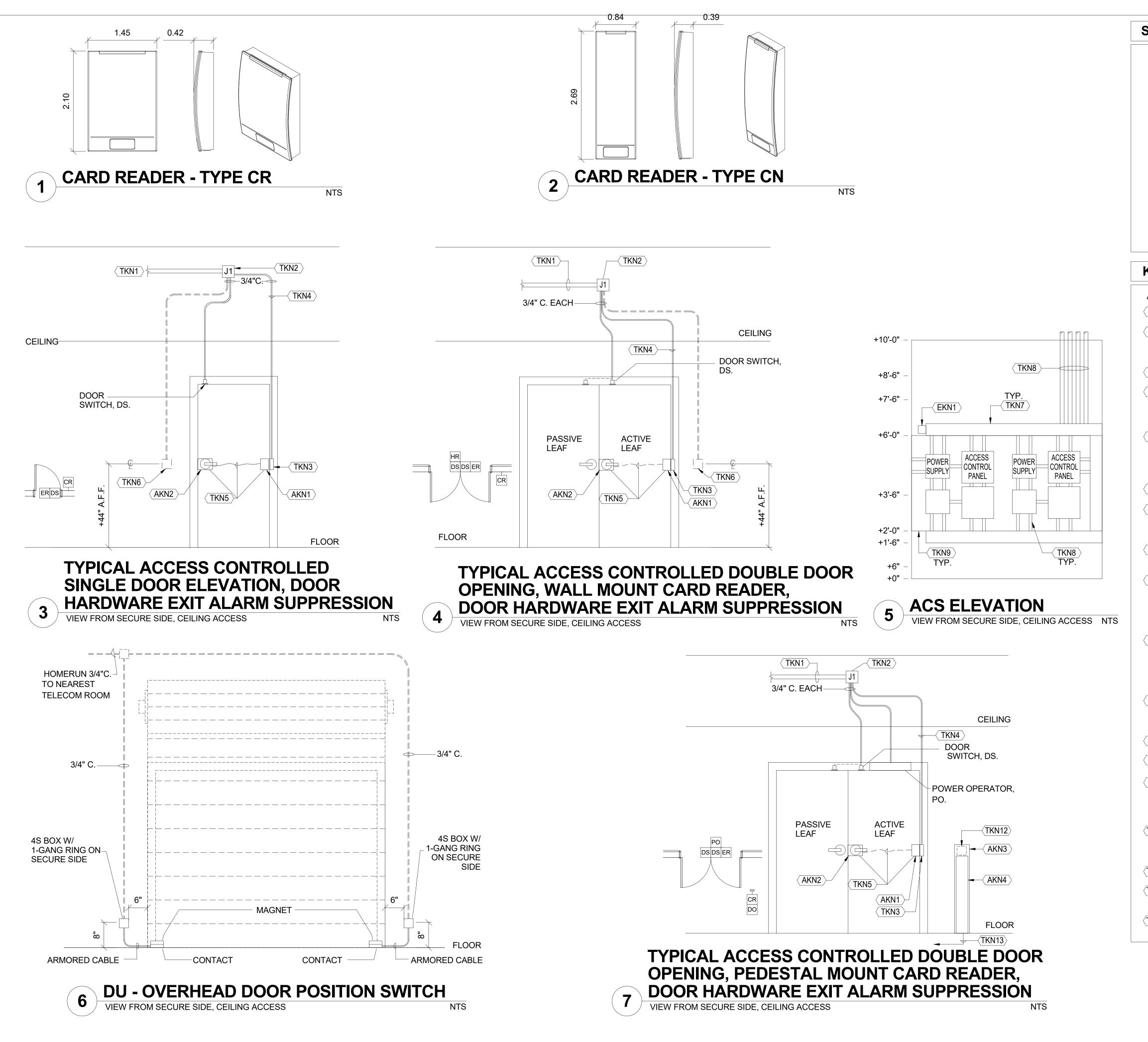
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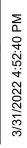


SHEI	ET NOTES	Smith,	
1	FUNCTIONAL BLOCK DIAGRAMS ARE DIAGRAMMATIC. CONTRACTOR TO SUBMIT SHOP DRAWINGS INDICATING EXACT QTY AND LOCATION OF ACCESS CONTROLLERS AND RELATED HARDWARE REQUIRED TO MEET THE FUNCTIONAL REQUIREMENTS OF THE PROJECT.	Fause McDonald Inc. 351 8th Street, San Francisco, CA 94103 (415) 255-9140 Fax (415) 255-9180	
KEYI	NOTES	www.sfmi.com info@sfmi.com	
TKA	ARCHITECTURAL: COMPLY WITH DIVISIONS 3 THROUGH 14 - SEE ARCHITECTURAL DRAWINGS.	STAMP	
(TKA1)	DOOR POWER OPERATOR, WHERE OCCURS - REFER TO DOOR SCHEDULE AND DIVISION 8 SPECIFICATIONS.	May Ligy BICSTOR	
TKN	TELECOMMUNICATIONS & ELECTRONIC SECURITY SYSTEMS: COMPLY WITH DIVISIONS 27 & 28.	DATE 03/11/2021 RAY ENRIQUEZ DATE REGIS. NO. 106011 EXPIRES 12/31/2022	
(TKN1)	PROVIDE AS MANY AS REQUIRED TO SUPPORT ALL END DEVICES AND SENSORS. REFER TO PLANS FOR QUANTITY.	PROJECT ADDRESS	
$\langle TKN2 \rangle$	NOT USED.	217 ARLINGTON AVE. KENSINGTON, CA 94707	
TKN3	PROVIDE WIRE GAGE, SHIELDING, PAIR COUNT AND CONSTRUCTION AS REQUIRED TO SUIT DEVICE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. BRING ALL CONTACT POINTS BACK TO THE SECURITY ELECTRONICS TERMINAL ENCLOSURES AT THE IDF ROOMS - DO NOT LOOP OR DAISY CHAIN ANY FIELD DEVICES UNLESS THEY ARE SPECIFIED AS DIGITALLY ADDRESSABLE TYPE. PROVIDE JACKET TYPE IN CONFORMANCE WITH THE INSTALLATION CONDITIONS AND THE CALIFORNIA ELECTRIC CODE.	PROJECT TEAM CLIENT: KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117	
(TKN4)	PLACE ALL SECURITY ELECTRONICS WIRING INSIDE TR'S AREA IN METALLIC RACEWAY FROM THE POINT OF ENTRY TO ROOM. WITHIN TR ROOM, PROTECT IN SURFACE MOUNTED GUTTER AT BACKBOARDS.	CONTACT: KAREN MAR T. (415) 522-0600 STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869	
$\langle TKN5 \rangle$	THE ADA DOOR OPERATOR/ACTUATOR SHALL BE CONTROLLED BY THE ACS CONTROLLER.	CIVIL: BKF ENGINEERS 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON	
(TKN6)	CAT 6 PATCH CORDS. PROVIDE QTY. AS REQUIRED.	T: (925) 940-2200 GEOTECH: HALEY ALDRICH	
$\langle TKN7 \rangle$	MULTMEDIA PLATE (BISCUIT BOX) BY FOR TERMINATION OF STATION CABLING. CONCEAL INSIDE ACS GUTTER.	1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544	
$\langle TKN8 \rangle$	PROVIDE POWER SUPPLY WITH 2-HR BATTERY BACKUP, AS SPECIFIED.	MEP: LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940	
$\langle TKN9 \rangle$	1 CAT 6 CABLE. REFER TO PLANS.	CONTACT: RON BLUE T: (831) 373-4390 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.	
	INPUT CLOSURE FROM FIRE ALARM PANEL. COORDINATE WITH THE CITY WHICH DOORS REQUIRE TO BE UNLOCKED.	351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140	
	WORK OF DIV. 27.	ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110	
SEQ	JENCE OF OPERATION	CONTACT: HENRY TOORYANI T: (415) 826-9626	
S01	IN THE NORMAL STATE, THE DOOR IS CLOSED, LOCKED ON THE UNSECURED SIDE, AND UNLOCKED FROM THE SECURED SIDE. NORMAL OPERATION IS BY ACCESS CARD ON THE UNSECURED SIDE AND BY DOOR HARDWARE FROM THE SECURED SIDE. THE REQUEST-TO-EXIST MICROSWITCH, OPERATED BY THE SECURED SIDE DOOR HARDWARE, WILL SHUNT THE ALARM. IF THE DOOR IS HELD PAST THE PRESET OPEN TIME OR IF THE DOOR IS LEFT OPEN OR IS FORCED OPEN, AN ALARM WILL BE SENT TO THE ELECTRONIC SYSTEM NETWORK UNTIL THE DOOR IS CLOSED. IF THE DOOR IS OPENED FROM THE UNSECURED SIDE WITH A KEY, A DOOR FORCED ALARM WILL BE GENERATED.	NO.DESCRIPTIONDATE100% DESIGN DEVELOPMENT12/17/2021ISSUED FOR PERMIT04/01/2021	
	(DO) AT THE UNSECURED SIDE WILL BE NON-OPERATIONAL UNLESS A VALID ACCESS CARD IS PRESENTED TO THE CARD READER AFTER WHICH, PRESSING THE HANDICAP DOOR OPERATOR WILL UNLOCK AND OPEN THE DOOR.	JOB NO.	
		0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING DESCRIPTION ACCESS CONTROL AND IDS SINGLE LINE DIAGRAM	



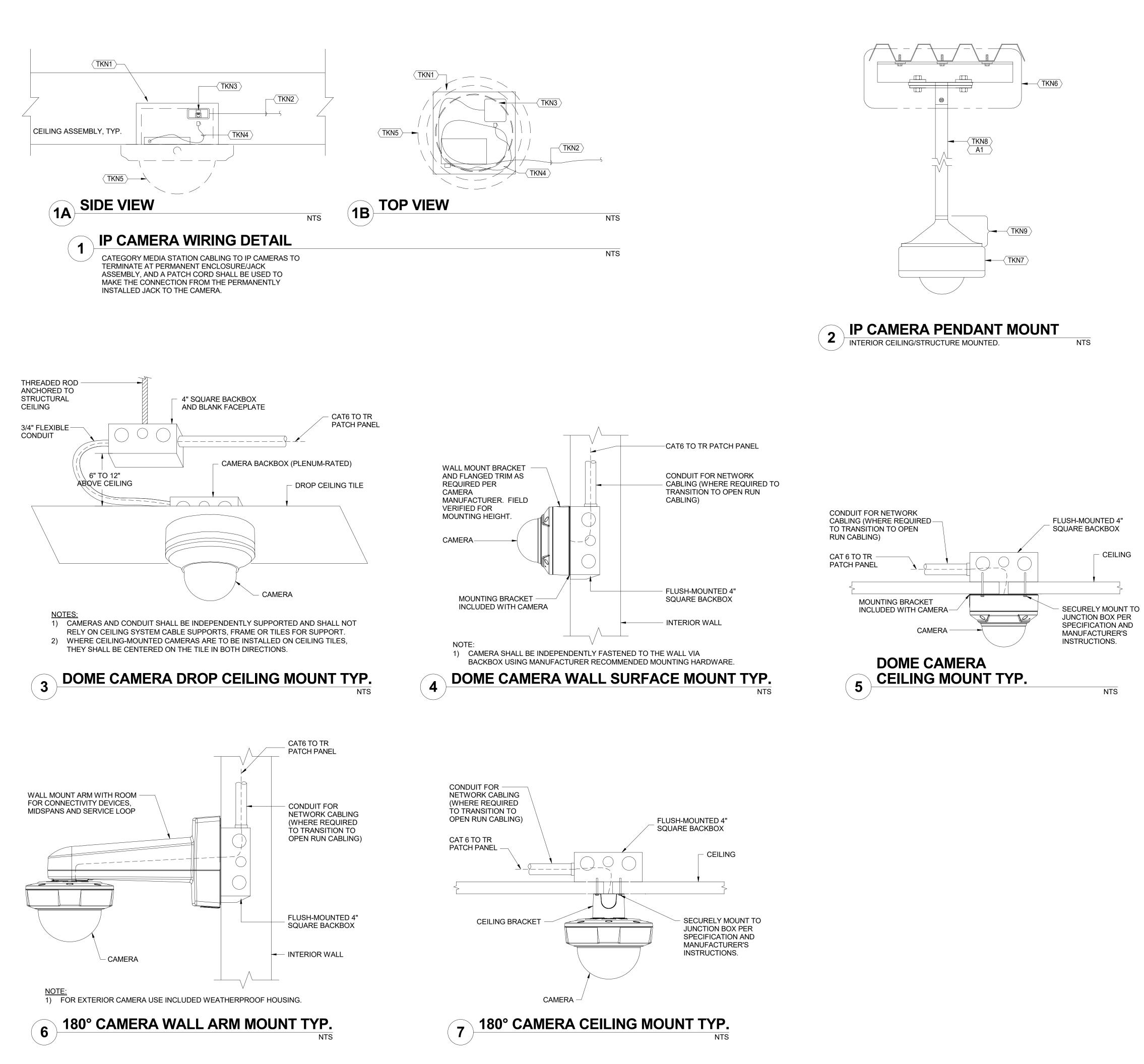


SHEET NOTES Smith, Fause NOT EVERY DOOR CONDITION IS DEPICTED. REFER TO THE FLOOR PLANS FOR THE DEVICES REQUIRED AT EACH OPENING **McDonald Inc.** AND PROVIDE ROUGH-IN AS REQUIRED BASED ON SIMILAR ASSEMBLIES DETAILED ON THE TY SHEETS. 351 8th Street, San Francisco, CA 94103 (415) 255-9140 Fax (415) 255-9180 2. AT ACCESSIBLE CEILING CONDITIONS, SUPPORT ELECTRONIC www.sfmi.com info@sfmi.com SECURITY CABLING ON CABLE HOOKS OR BASKET TRAYS. WHERE ESS SIGNAL CABLING IS CONSOLIDATED WITH A STAMP NETWORK OF CONDUITS AND PULL BOXES, MAINTAIN 40% MAXIMUM FILL. HORIZONTAL ARRANGEMENT OF DEVICES MAY VARY - REFER TO THE FLOOR PLANS FOR THE REQUIRED ARRANGEMENTS. pay Engry CARD READERS SHOULD GENERALLY BE PLACED ADJACENT TO THE DOOR HANDLE OF THE ACCESS CONTROLLED DOOR REFER TO THE DIVISION 8 HW SCHEDULES AND THE APPROVED 03/11/2021 **RAY ENRIQUEZ DIVISION 8 SUBMITTALS TO DETERMINE WHETHER EL OR ES** DATE REGIS. NO. 106011 ARE USED AT EACH OPENING EXPIRES 12/31/2022 PROJECT ADDRESS **KEYNOTES** 217 ARLINGTON AVE. KENSINGTON, CA 94707 ARCHITECTURAL. WORK OF DIVISIONS 8. AKN TRANSFER HINGE WITH 2 PR CONDUCTORS MIN. (AKN1 PROJECT TEAM \langle akn2 angleER - DOOR HANDLE OR PANIC HARDWARE WITH MECHANICAL CLIENT: KENSINGTON FIRE **PROTECTION DISTRICT** LOCK AND INTEGRAL ALARM SUPPRESSION MICRO-SWITCH TO 217 ARLINGTON AVE DETECT OPERATION OF DOOR FROM SECURE SIDE. KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064 (AKN3) ARCHITECTURAL PEDESTAL - WHERE OCCURS, SEE PLANS. ARCHITECT: MARJANG ARCHITECTURE 930 COLE STREET STE 101 $\langle AKN4 \rangle$ DO - POWERED DOOR OPERATOR SWITCH MOUNTED TO SAN FRANCISCO, CA. 94117 PEDESTAL OR WALL ON BOTH SECURE AND UN-SECURE SIDES CONTACT: KAREN MAR T. (415) 522-0600 OF OPENING. WIRED TO DGP BY DIVISION 28. STRUCTURAL: ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 < EKN1) PROVIDE TWO DEDICATED 20A CKT, 120V HARDWIRED FOR SAN CARLOS, CA 94070 ACCESS CONTROL SYSTEM POWER. CONTACT: MATT FRANTZ T: (650) 394-8869 TKN **ELECTRONIC SECURITY SYSTEMS: COMPLY WITH DIVISION 28** CIVIL: **BKF ENGINEERS** 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 (TKN1) EXTEND 1.25" MIN C. TO THE NEAREST TELECOM ROOM. CONTACT: ERIC SWANSON T: (925) 940-2200 (TKN2) LOCATE ABOVE DOOR AT SECURED ACCESSIBLE CEILING GEOTECH: HALEY ALDRICH 1956 WEBSTER ST #300 CONDITIONS. AT GYP CEILING CONDITIONS, LOCATE REMOTELY OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS AT NEAREST UTILITY SPACE. T: (510) 879-4544 $\langle \mathsf{TKN3} \rangle$ PROVIDE MUD BOX INSIDE DOOR FRAME AT GROUTED DOOR MEP: LIST ENGINEERING CO. ASSEMBLIES. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE TKN4 STUB CONDUIT INSIDE DOOR FRAME TO ABOVE THE MIDDLE T: (831) 373-4390 HINGE OPPOSITE DOOR HANDLE/EL/ER/ES/PANIC HW. MEASURE AUDIO/VISUAL: SMITH FAUSE MCDONALD INC. DOOR ON SITE. COORDINATE SIDE OF DOOR SCHEDULED TO 351 8TH STREET RECEIVE ACTIVE DOOR HARDWARE, INCLUDING EL OR ES WITH SAN FRANCISCO, CA 94103 WORK OF DIVISION 8 CONTACT: PETER MCDONALD T: (415) 255-9140 \langle TKN5 angleDOOR HARDWARE (DOOR HANDLE, ES, EL, ER, AND/OR PHR AS ESTIMATOR: MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 APPLIES) AND TRANSFER HINGE FURNISHED AND INSTALLED SAN FRANCISCO, CA 94110 UNDER THE WORK OF DIVISION 8. WORK OF DIVISION 28 WIRES CONTACT: HENRY TOORYANI LOCKING HARDWARE VIA TRANSFER HINGE AND PROVIDES T: (415) 826-9626 WIRING AND PATHWAY BACK TO DGP. (TKN6) WALL OR PEDESTAL MOUNTED CARD READER WITH 4S BOX AND 1 GANG RING INSTALLED FACING UN-SECURE SIDE OF DOOR. REFER TO PLANS FOR LEFT OR RIGHT SIDE PLACEMENT. (TKN7) PROVIDE 6"X6" METALLIC WIREWAY/GUTTER. TKN8 PROVIDE MULTIPLE 1"C. AND 2"C. AS REQUIRED. $\langle \mathsf{TKN9} \rangle$ PROVIDE 3/4" THICK FIRE RESISTANT TREATED PLYWOOD BACKBOARD. PROVIDE AS MANY AS SHOWN ON PLAN. PAINT COLOR WHITE TRIM TO FIT. LEAVE ONE FIRE RATING STAMP PER SHEET OF PLYWOOD UNPAINTED. NO. DESCRIPTION DATE 100% DESIGN DEVELOPMENT 12/17/2021 04/01/2021 $\langle \mathsf{TKN10} \rangle$ **ISSUED FOR PERMIT** FUTURE WALL OR PEDESTAL MOUNTED CARD READER WITH 4S BOX AND 1 GANG RING INSTALLED FACING UN-SECURE SIDE OF DOOR. REFER TO PLANS FOR LEFT OR RIGHT SIDE PLACEMENT. $\langle \mathsf{TKN11} \rangle$ EXTEND 1" CONDUIT TO ACCESSIBLE CEILING SPACE. $\langle \mathsf{TKN12} \rangle$ CARD READER MOUNTED TO WALL OR PEDESTAL AT POWER DOOR OPERATOR ENABLED ENTRIES ON UN-SECURE SIDE. $\langle TKN13 \rangle$ PROVIDE 1" C. TO NEAREST IDF ROOM. JOB NO. KENSINGTON FIRE PROTECTION DISTRICT 0000 PUBLIC SAFETY BUILDING DESCRIPTION DETAILS - ELECTRONIC SECURITY SYSTEMS ACCESS CONTROL





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KEYNOTES				
А	ARCHITECTURAL. WORK OF DIVISIONS 3-14.			
	PAINT AS DESCRIBED/REQUIRED IN DIVISION 9			
TN	ELECTRONIC SECURITY SYSTEMS: COMPLY WITH DIVISION 28.			
(TKN1)	4S TYPE ELECTRICAL BACKBOX EQUAL TO RANDL INDUSTRIES T-55017 WHERE SURFACE MOUNT OF IP CAMERA TO FLUSH MOUNT BACKBOX WITH INTEGRAL STRUCTURED CABLING BISCUIT BOX REQUIRED. PROVIDE EXTERIOR GRADE BOX AT EXTERIOR CONDITIONS AS REQUIRED BY SECTION 28 05 28 - PATHWAYS FOR ELECTRONIC SAFETY AND SECURITY			
TKN2	CATEGORY 6 STATION CABLING BY DIVISION 27.			
	SMALL FORM FACTOR MULTIMEDIA ENCLOSURE SUITABLE FOR SURFACE MOUNTING WITH INTEGRAL UNIVERSITY STANDARD CATEGORY 6 JACK FOR TERMINATION OF STATION CABLING.			
(TKN4)	CATEGORY SIX PATCH CORD PROVIDE LENGTH AS REQUIRED. WHERE CAMERA IS MOUNTED TO BACKBOX COIL INSIDE BACKBOX.			
	SURFACE MOUNT IP CAMERA SUPPORTED FROM FLUSH MOUNTED BACKBOX.			
(TKN6)	PROVIDE EQUAL TO CHIEF MANUFACTURING CMA110, 8' X 8" STEEL PLATE CEILING PLATE FITTING WITH 1" NPT PIPE THREAD ADAPTER.			
TKN7	IP SECURITY CAMERA.			
	1" NPT PIPE THREADED FOR PENDENT MOUNTING FROM STRUCTURE ABOVE.			
	PENDANT MOUNT ADAPTER - SONY UNIMDPDH120 OR EQUAL.			
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STRUCTURAL	1390 EL CA SAN CARL	AMINO REAL OS, CA 94070 MATT FRAN	STE 100)			
CIVIL:	WALNUT (LIFORNIA BL REEK, CA 94 ERIC SWAN	596			
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544					
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390					
AUDIO/VISUAL	: SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140					
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626					
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