

# KENSINGTON PUBLIC SAFETY BUILDING

## 50% DESIGN DEVELOPMENT



217 Arlington Avenue  
KENSINGTON, CA 94707

50% DESIGN DEVELOPMENT  
NOVEMBER 19TH, 2021

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

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 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

PROJECT DATA	EXISTING	ALLOWABLE	PROPOSED
CONSTRUCTION TYPE	V-B	V-B	V-B
OCCUPANCY GROUP	R2, S2, B		R2, S2, B
BUILDING HEIGHT	25'-11"	60'-0"	25'-11"
BUILDING AREA (GROSS SF)			
GF (STREET LEVEL)	2871		2871
2F	2917	21,000	3262 (345 SF ADDITION)
TOTAL AREA	5788		6133
NO. OF STORIES	2	3	2

## 4 PROJECT INFORMATION

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

LOCATION: 217 ARLINGTON AVE  
 KENSINGTON, CA 94707

PARCEL: 570-050-021

ZONING: K-COMBINING DISTRICT, R-6

GENERAL USE: PS

SET BACKS: SIDES: 15'-0" AGGREGATE, NO LESS THAN 5'-0"  
 FRONT: 25'-0"  
 REAR: 15'-0", 3'-0" ACCESSORY

HEIGHT LIMIT: 35'-0" (2-1/2 STORIES)

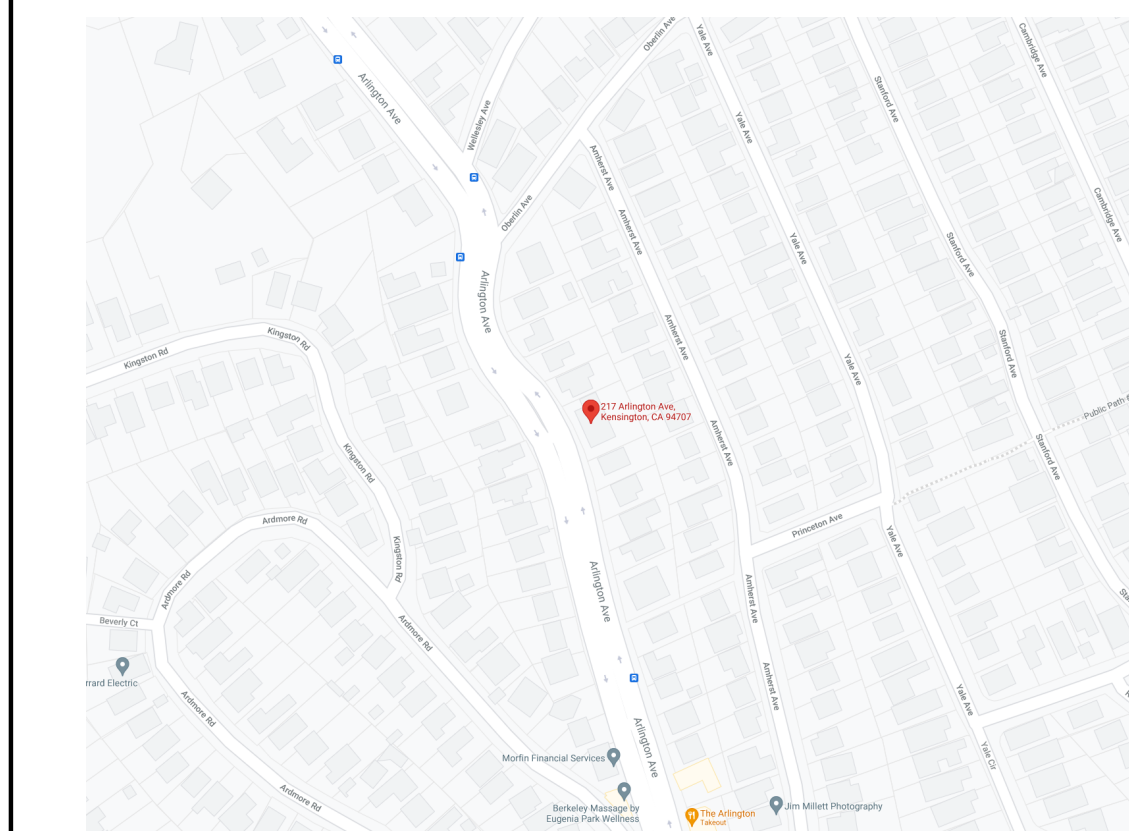
BUILDING HEIGHT: EXISTING: 25'-11"  
 PROPOSED: 25'-11"

STORIES: EXISTING: 2  
 PROPOSED: 2

BUILDING AREA: EXISTING: 5788 SF  
 PROPOSED: 6133 SF

## 3 PLANNING INFORMATION

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



## 2 VICINITY MAP

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

PROPOSED SCOPE OF WORK:

- 345 SF 2ND LEVEL ADDITION TO ENCLOSE EXISTING DECK SPACE.
- EXTERIOR WORK INCLUDES NEW SIDING AND PAINT, PATCH AND REPAIR TO EXISTING.
- NEW COVERING AT ROOF AT EAVES.
- FULL INTERIOR REMODEL
- SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AUDIO VISUAL, ELECTRICAL, AND SECURITY DRAWINGS FOR SCOPE OF WORK.

## 1 SCOPE OF WORK

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

- GENERAL NOTES
- 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 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.
  - 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 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 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.
  - CONTRACTOR SHALL CHECK WITH ALL EQUIPMENT AND PRODUCT MANUFACTURERS TO VERIFY DIMENSIONS AND DETAILS PRIOR TO THE COMMENCEMENT OF WORK.
  - 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 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 JOB AS NECESSARY AND REQUIRED BY CODE.
  - 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 CARRYING CAPACITY BY THE PLACING OF MATERIALS, EQUIPMENT, TOOLS, MACHINERY OR ANY OTHER ITEMS.
  - 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 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.
  - BUILDING APPROVED HVAC MECHANICAL ENGINEER TO REVIEW DRAWINGS AND EXISTING SYSTEM TO CONFIRM CODE COMPLIANCE, AND COMPLETE WORK AS NECESSARY TO MEET BUILDING CODE.

## 7 GENERAL NOTES

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

ADJ.	Adjacent	LEV.	Level
@	Above Finish Floor	LOC.	Location
BD.	Board	MAX.	Maximum
BETW.	Between	MECH.	Mechanical
BLKG.	Blocking	MEMB.	Membrane
BM.	Beam	MFR.	Manufacturer
C.J.	Control Joint	MIN.	Minimum
C.L.	Center Line	MTD.	Mounted
CLNG.	Ceiling	MTL.	Metal
CLR.	Clear	MOD.	Module
COL.	Column	N.I.C.	Not in Contract
CONC.	Concrete	NO.	Number
CONST.	Construction	(N)	New
CONT.	Continuous	O.C.	On Center
DBL.	Double	OPNG.	Opening
DIA.	Diameter	OPP.	Opposite
DIM.	Dimension	P.L.	Property Line
DN.	Down	PLT.	Plate
DR.	Door	PLY.	Plywood
DTL.	Detail	PT.	Point
DWG.	Drawing	PTD.	Painted
EA.	Each	RAD.	Radius, Radii
EL.	Elevation	R.D.	Roof Drain
ELEC.	Electrical	R.	Refer To
ELEV.	Elevator	RES.	Resistant
EQ.	Equal/Equal To	RESIL.	Resilient
EQUIP.	Equipment	REQ'D	Required
EXP.	Expansion	RM.	Room
EXT.	Exterior	R.O.	Rough Opening
(E)	Existing	S.C.	Solid Core
F.F.	Finish Floor	SCHED.	Scheduled
FLR.	Floor	SECT.	Section
FLUOR.	Fluorescent	SHT.	Sheet
FIN.	Finish	SIM.	Similar
F.O.	Face Of	SKD GD.	Skid Guard
F.O.S.	Face of Stud	SSD	See Structural Dwg's.
F.O.W.	Face of Wall	ST. STL.	Stainless Steel
GA.	Gauge	STRUCT.	Structural
GR.	Grade	SUSP.	Suspended
GSM.	Galvanized Sheet Metal	THK.	Thick
GYP. BD.	Gypsum Board	THRU.	Through
H.C.	Hollow Core	T.O.	Top Of
H.M.	Hollow Metal	TYP.	Typical
HR.	Hour	UNJ.	Unless Otherwise Noted
HT.	Height	VEN.	Veneer
INS.	Insulation	VEST.	Vestibule
INT.	Interior	VER.	Verify
JT.	Joint	V.I.F.	Verify in Field
		W/	With
		WD.	Wood

## 6 ABBREVIATIONS

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

	CENTER LINE
	PROJECT NORTH
	LEVEL NAME AND ELEVATION DATUM
	GRIDLINE
	BUILDING AND DETAIL SECTION: I.E., DRAWING 1, SHEET A101
	ELEVATIONS AND INTERIOR ELEVATIONS: I.E., DRAWING 1 REF, SHEET A101
	CONTROL OR DATUM POINT
	LARGE SCALE DETAIL: I.E., DRAWING 1, SHEET A101
	STAIR RUN TAG: NUMBER OF RISERS AND HEIGHT
	DOOR TAG RE: DOOR SCHEDULE
	WINDOW TAG RE: WINDOW SCHEDULE
	ROOM TAG, NAME AND NUMBER
	PARTITION TYPE TAG
	REVISION NUMBER

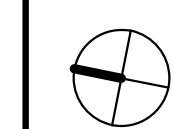
## 5 SYMBOLS LEGEND

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

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 TITLE SHEET



# A001



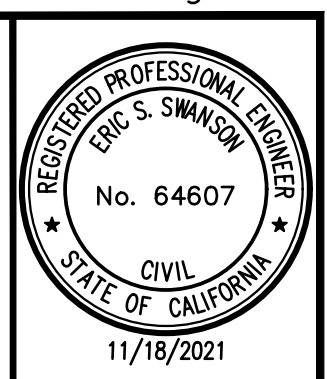




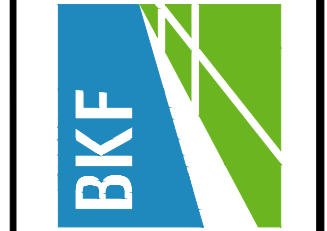








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1646 N. CALIFORNIA BLVD.  
SUITE 400  
WALNUT CREEK, CA 94596  
(925) 940-2200  
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CALIFORNIA

**KENSINGTON FIRE STATION REMODEL  
LAND USE PERMIT  
EXISTING CONDITIONS**

UNINCORP. CONTRA COSTA COUNTY

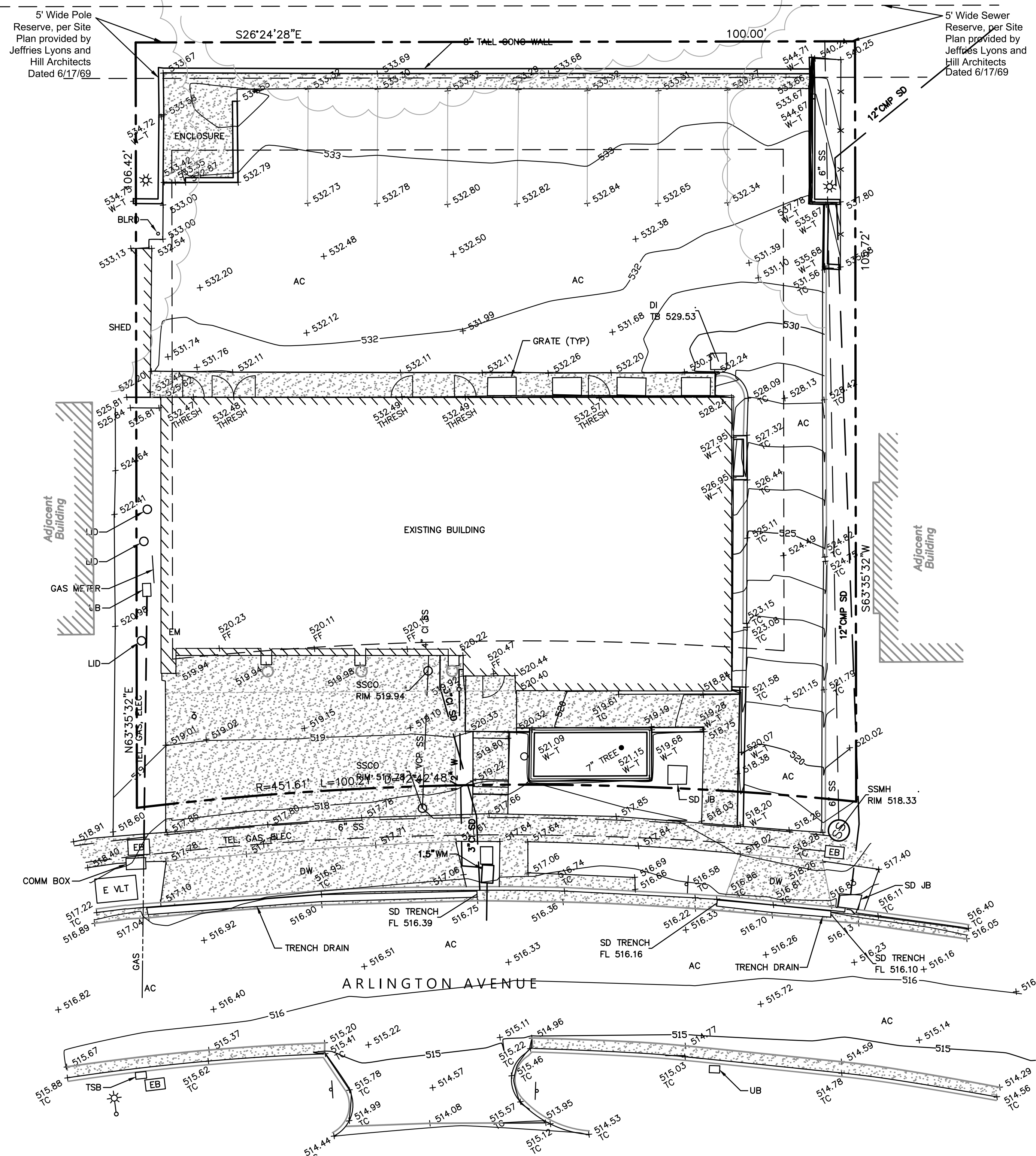
KENSINGTON

Revisions	
No.	Date
	11/19/2021
	AS SHOWN
	Design KP
	Drawn ARN
	Approved ESS
	Job No 20211363

Drawing Number: **C1.0**

**XX% SUBMITTAL - NOT FOR CONSTRUCTION**

DRAWING NAME: K:\2021\211363\_Kensington\_Fire\_Station\_Arch\_Services\ENG\PLANNING\SHEETS\01\_KF\_EXCOND.dwg  
PLOT DATE: 11-18-21 PLOTTED BY: neva



**EXISTING ABBREVIATIONS**

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

**LEGEND**

- δ WATER VALVE
- SIGN
- ⊙ STREET LIGHT
- ⊙ LIGHT POLE
- FENCE
- CONCRETE

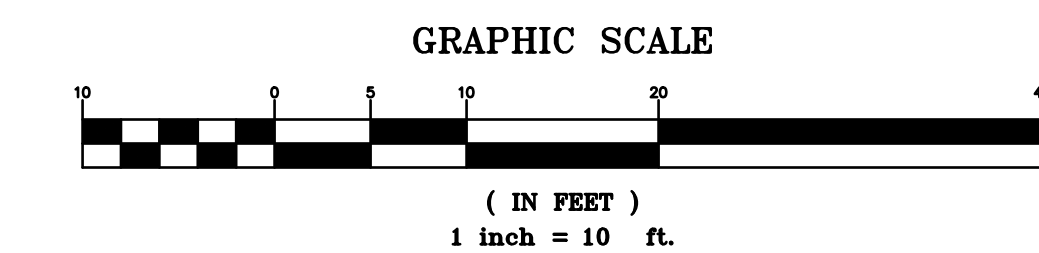
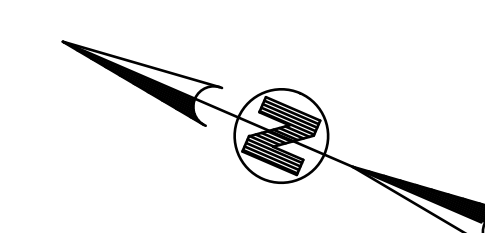
**BASIS OF BEARINGS**

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 3, EPOCH 2017.50, IN ACCORDANCE WITH CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE BASED LOCALLY UPON FIELD-OBSERVED TIES RELATIVE TO CALIFORNIA SPATIAL REFERENCE NETWORK STATION SRB1. DISTANCES ARE GRID BASED. DIVIDE BY A COMBINED SCALE FACTOR OF 0.99991317 TO OBTAIN GROUND DISTANCES. VALUES SHOWN BELOW IN THE TABLE ARE IN TRF 2014.

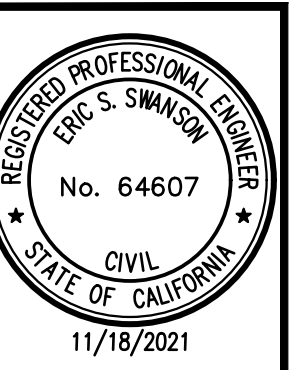
STATION	LATITUDE	LONGITUDE	HEIGHT (m)
SRB1	37°52'27.690029"	-122°16'1.075795"	54.6535
SIGMA (mm)	2.07	2.00	6.03

**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 ENGINEERS  
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SUITE 400  
WALNUT CREEK, CA 94596  
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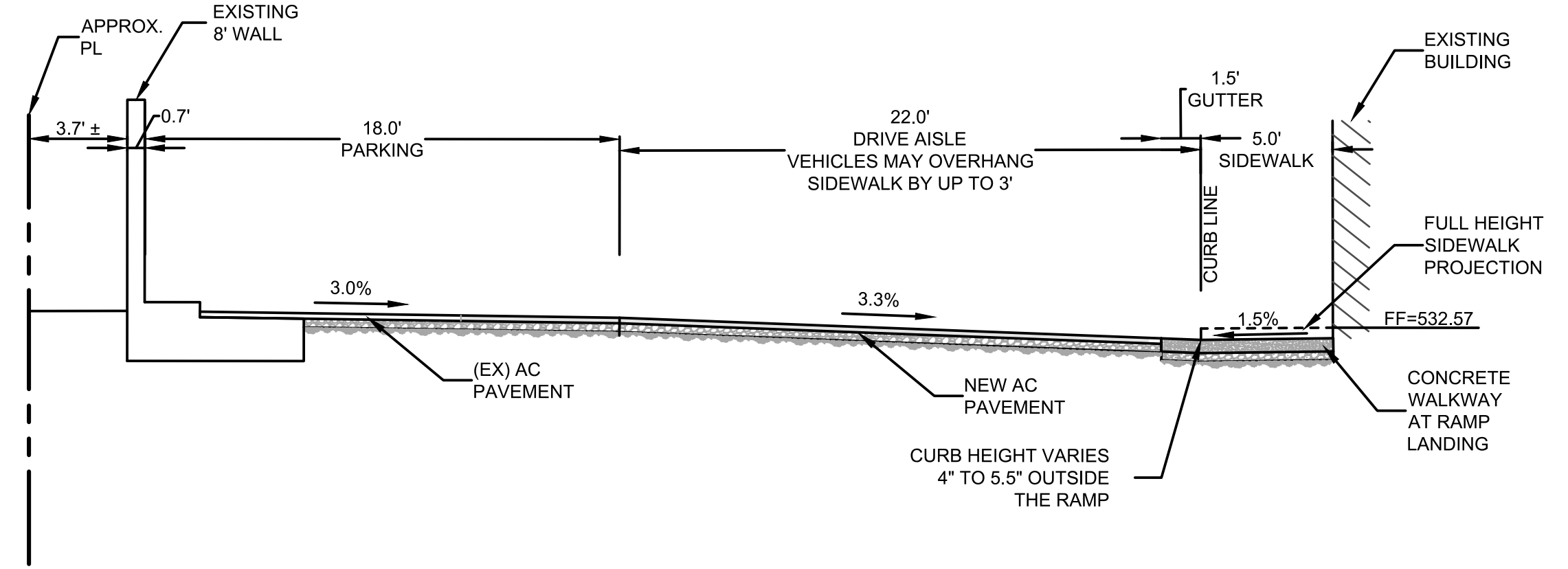
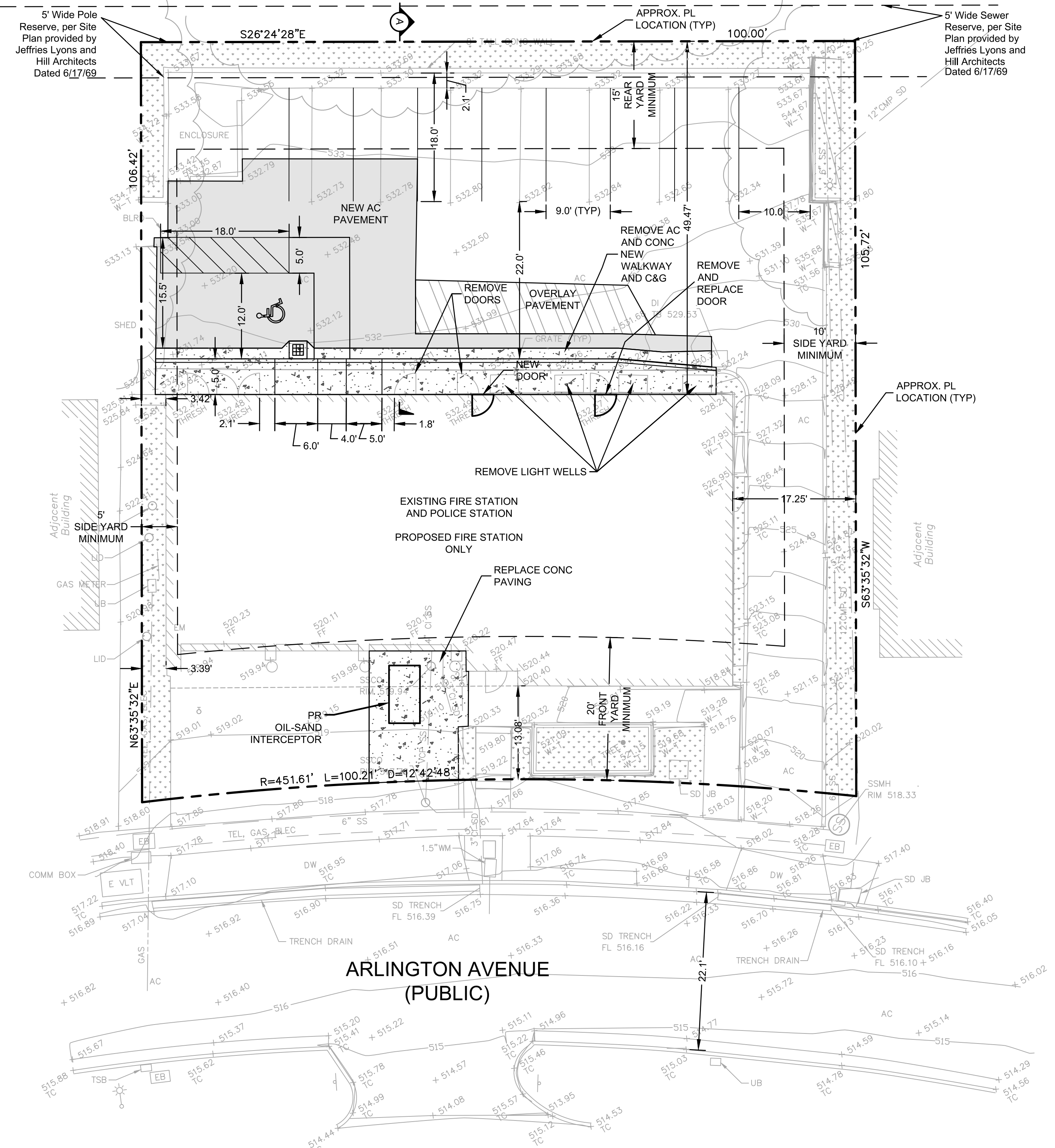
CALIFORNIA

# KENSINGTON FIRE STATION REMODEL LAND USE PERMIT SITE PLAN

UNINCORP. CONTRA COSTA COUNTY  
KENSINGTON

Revisions	
No.	Date
AS SHOWN	11/19/2021
Design	KP
Drawn	ARN
Approved	ESS
Job No.	20211363
Drawing Number:	
<b>C2.0</b>	
OF	

XX% SUBMITTAL - NOT FOR CONSTRUCTION



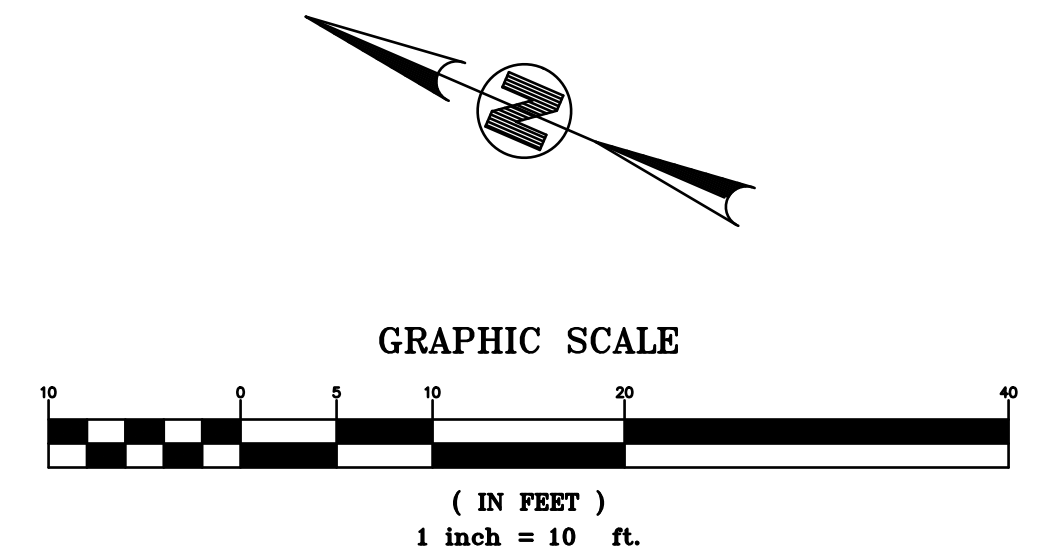
**LEGEND**

	PROPERTY LINE
	MINIMUM SETBACK REQUIREMENTS
	R-6 SINGLE-FAMILY RESIDENTIAL DISTRICT
	BUILDING OVERHANG
	NEW CONCRETE PAVEMENT
	NEW ASPHALT CONCRETE PAVEMENT
	NEW ASPHALT OVERLAY
	EXISTING LANDSCAPE

- NOTES**
- ALL DIMENSIONS ARE IN FEET AND DECIMALS, THEREFORE, CONTRACTOR TO NOTIFY THE CIVIL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES IN THE PROVIDED DIMENSIONS.
  - REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS.
  - FOR WALKS AND IN ADA ACCESSIBLE AREAS, CROSS SLOPES SHOULD NOT EXCEED 2% IN GRADE.
  - PROJECT DOES NOT PROPOSE TO REMOVE ANY TREES.
  - EXISTING BOUNDARY INFORMATION IS FROM RECORD INFORMATION ONLY AND IS NOT TIED TO MONUMENTS.
  - THE GENERAL PLAN DESIGNATION IS PS (PUBLIC/SEMI-PUBLIC).
  - THE ZONING DESIGNATION IS R-6 SINGLE-FAMILY RESIDENTIAL DISTRICT.
  - 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."
  - R-6 REQUIRES "THERE SHALL BE A SETBACK (FRONT YARD) OF AT LEAST TWENTY FEET FOR ANY STRUCTURE IN THE R-6 DISTRICT."
  - R-6 REQUIRES "THERE SHALL BE A REAR YARD FOR ANY PRINCIPAL STRUCTURE OF AT LEAST FIFTEEN FEET."
  - THE EXISTING BUILDING ENCLOSES IN SIDE AND FRONT MINIMUM SETBACKS.
  - THE PROJECT SITE IS IN A FEMA ZONE X - AREA OF MINIMAL FLOOD HAZARD.

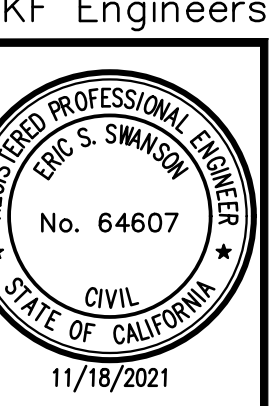
**LAND USE TOTALS**

TOTAL SITE AREA	=10,427 SQ FT
TOTAL (EX) IMPERVIOUS AREA	=9,094 SQ FT
TOTAL (EX) LANDSCAPED AREA	=1,333 SQ FT
TOTAL NEW IMPERVIOUS AREA	=0 SQ FT
TOTAL REPLACED IMPERVIOUS AREA	=2,282 SQ FT
PROPOSED FINAL IMPERVIOUS AREA	=9,094 SQ FT
PROPOSED FINAL LANDSCAPED AREA	=1,333 SQ FT



DRAWING NAME: K:\2021\211363\_Kensington\_Fire\_Station\_Arch\_Services\ENGINEERING\SHEETS\02\_KF\_PRPLAN.dwg  
PLOT DATE: 11-18-21  
PLOTTED BY: neva





BKF ENGINEERS  
1646 N. CALIFORNIA BLVD.  
SUITE 400  
WALNUT CREEK, CA 94596  
(925) 940-2200  
www.bkf.com



**KENSINGTON FIRE STATION REMODEL  
LAND USE PERMIT  
GRADING PLAN**

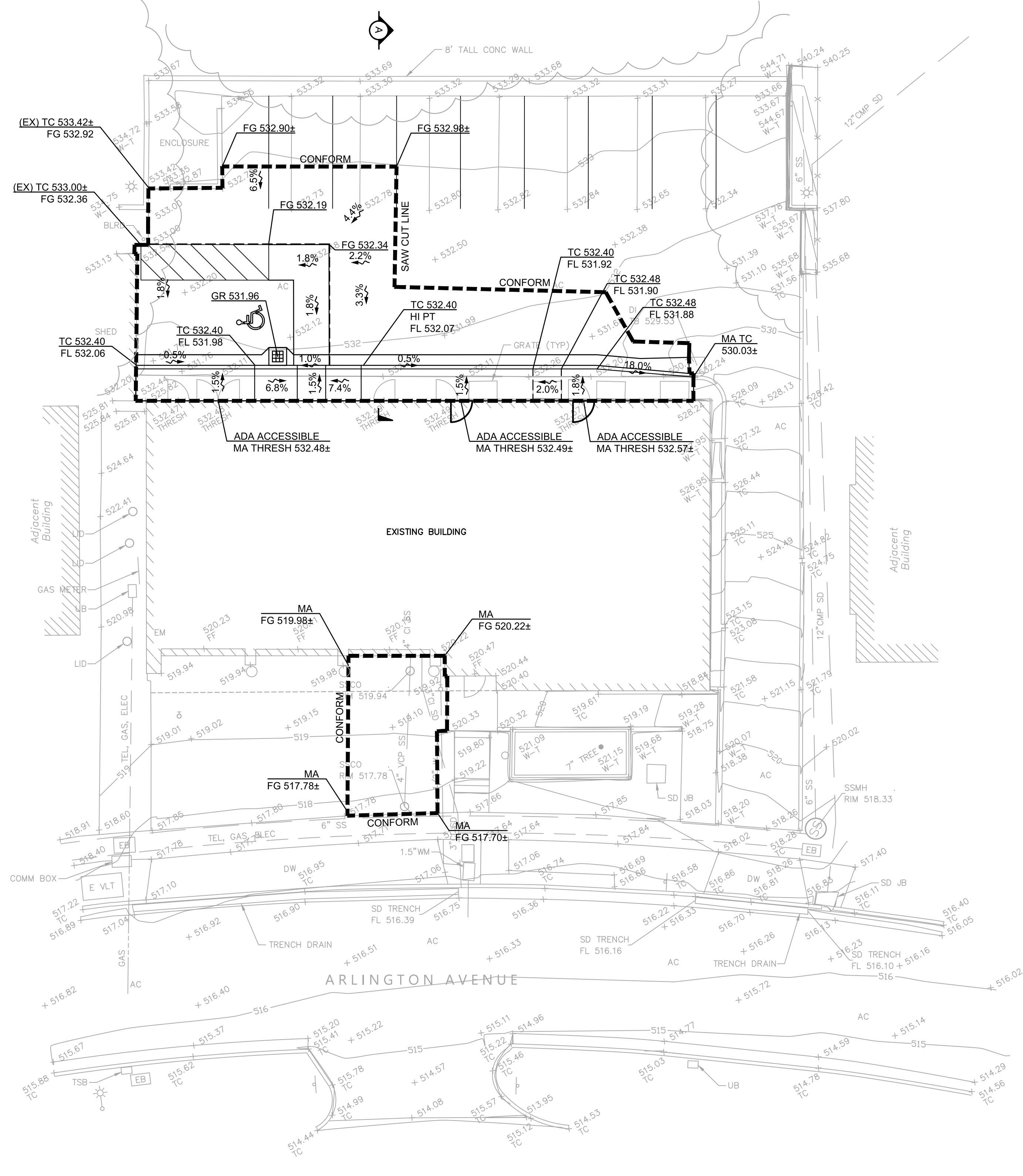
UNINCORP. CONTRA COSTA COUNTY  
KENSINGTON CALIFORNIA

Revisions	
No.	Date
	11/19/2021
	Scale AS SHOWN
	Design KP
	Drawn ARN
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	Job No 20211363

Drawing Number: **C3.0**

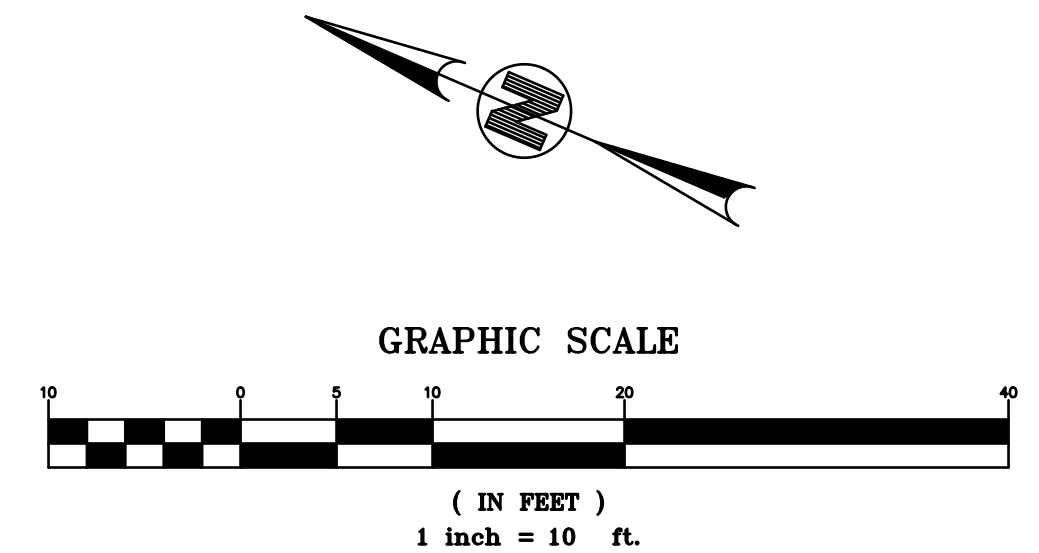
OF

**XX% SUBMITTAL - NOT FOR CONSTRUCTION**



- LEGEND**
- SAW CUT LINE
  - - - GRADE BREAK LINE
  - FLOW LINE
  - XX% SURFACE SLOPE
  - XX.XX X SPOT ELEVATION

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



DRAWING NAME: K:\2021\211363\_Kensington\_Fire\_Station\_Arch\_Services\ENGINEERING\SHEETS\03\_KF\_PRGRAD.dwg  
PLOT DATE: 11-18-21 PLOTTED BY: neva





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  
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 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  
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 OAKLAND, CA 94612  
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MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
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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

SHEET NOTES

- SEE STRUCTURAL DRAWINGS FOR EXTENT OF SLAB ON GRADE TO BE REMOVED

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.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.C35 (E) FIXTURES TO BE REMOVED
- 02 41 00.E1 (E) WOOD FRAMED STAIR TO BE REMOVED
- 02 41 00.E2 (E) MOMENT FRAME AND CONCRETE PIERS TO REMAIN
- 02 41 00.E3 (E) DOOR TO REMAIN
- 02 41 00.E4 (E) SECTIONAL DOORS TO REMAIN
- 02 41 00.E5 SELECTIVE AREA OF (E) SLAB ON GRADE TO BE REMOVED, SSD
- 02 41 00.E6 SELECTIVE AREA OF (E) SLAB TO BE REMOVED FOR ELEVATOR PIT
- 02 41 00.E7 (E) BEARING WALL TO REMAIN, SSD.

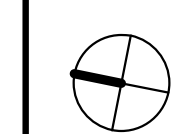
WALL LEGEND

- EXISTING WALL
- EXISTING WALL TO BE DEMOLISHED
- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED

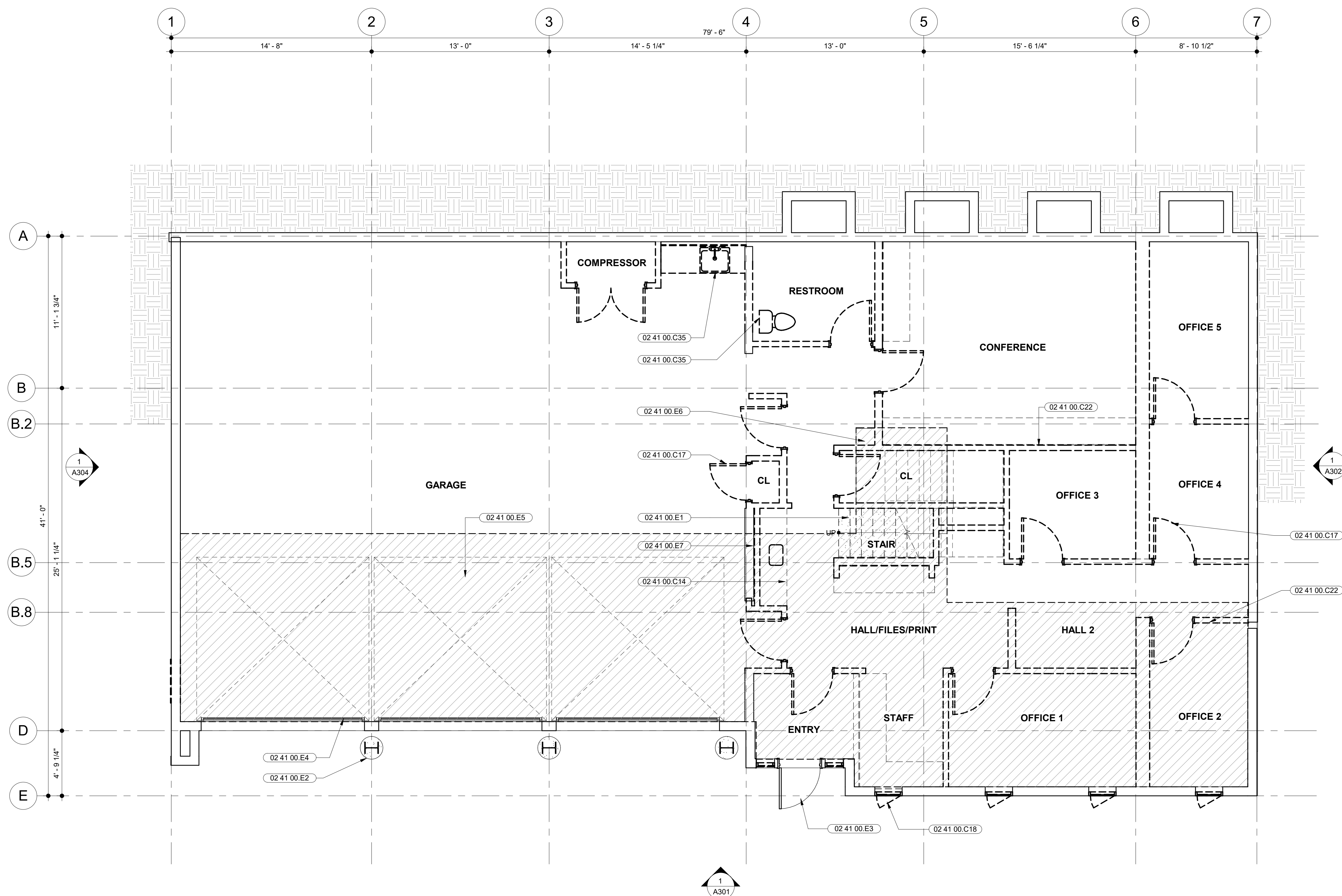
NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 EXISTING AND DEMOLITION GROUND FLOOR  
 PLAN



**A201**



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



### 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 XA9XX
- 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

### KEYNOTES

- 02 41 00.E4 (E) SECTIONAL DOORS TO REMAIN  
 03 30 00.A CONCRETE APP BAY FLOOR. SLOPE TO DRAINS. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION  
 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVING  
 06 43 00.A (N) WOOD FRAMED STAIR  
 14 24 00.A1 MACHINE ROOM LESS HYDRAULIC ELEVATOR  
 14 24 00.A2 HYDRAULIC ELEVATOR ACCESS DOOR  
 22 45 16.A SAFETY SHOWER AND EYEWASH

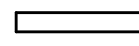
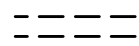



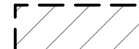
### PROJECT ADDRESS

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 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

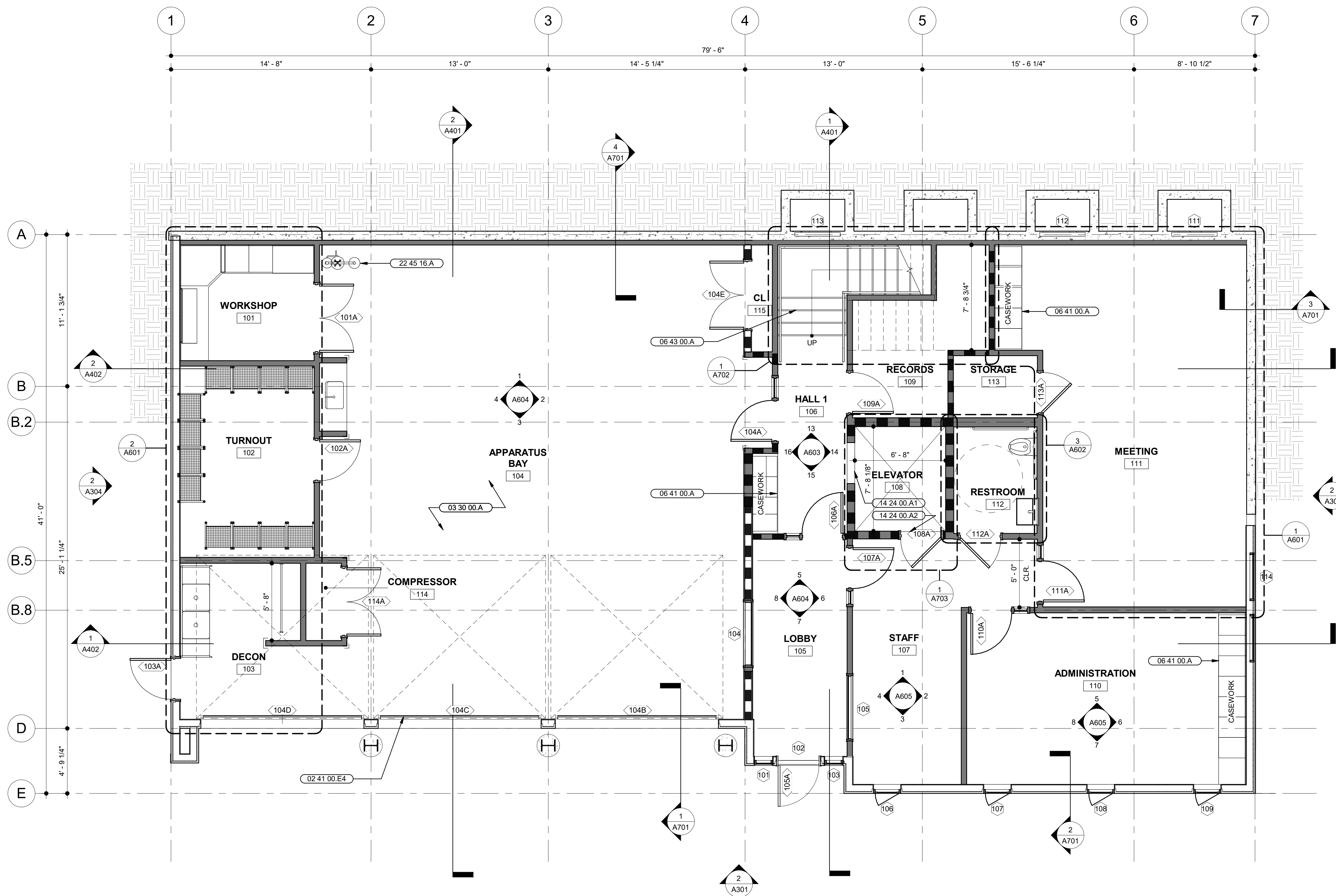
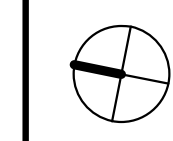
### WALL LEGEND

-  EXISTING WALL
-  EXISTING WALL TO BE DEMOLISHED
-  PROPOSED WALL
-  1-HR RATED WALL
-  1/2-HR RATED WALL
-  FLOOR 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

JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 PROPOSED GROUND FLOOR PLAN



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

STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

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 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
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 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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**GEOTECH:** HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
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**MEP:** LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

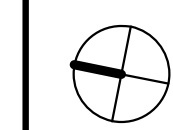
**AUDIO/VISUAL:** SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

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

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021

**JOB NO.**  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

**DESCRIPTION**  
 EXISTING AND DEMOLITION SECOND FLOOR  
 PLAN



## A203

**SHEET NOTES**

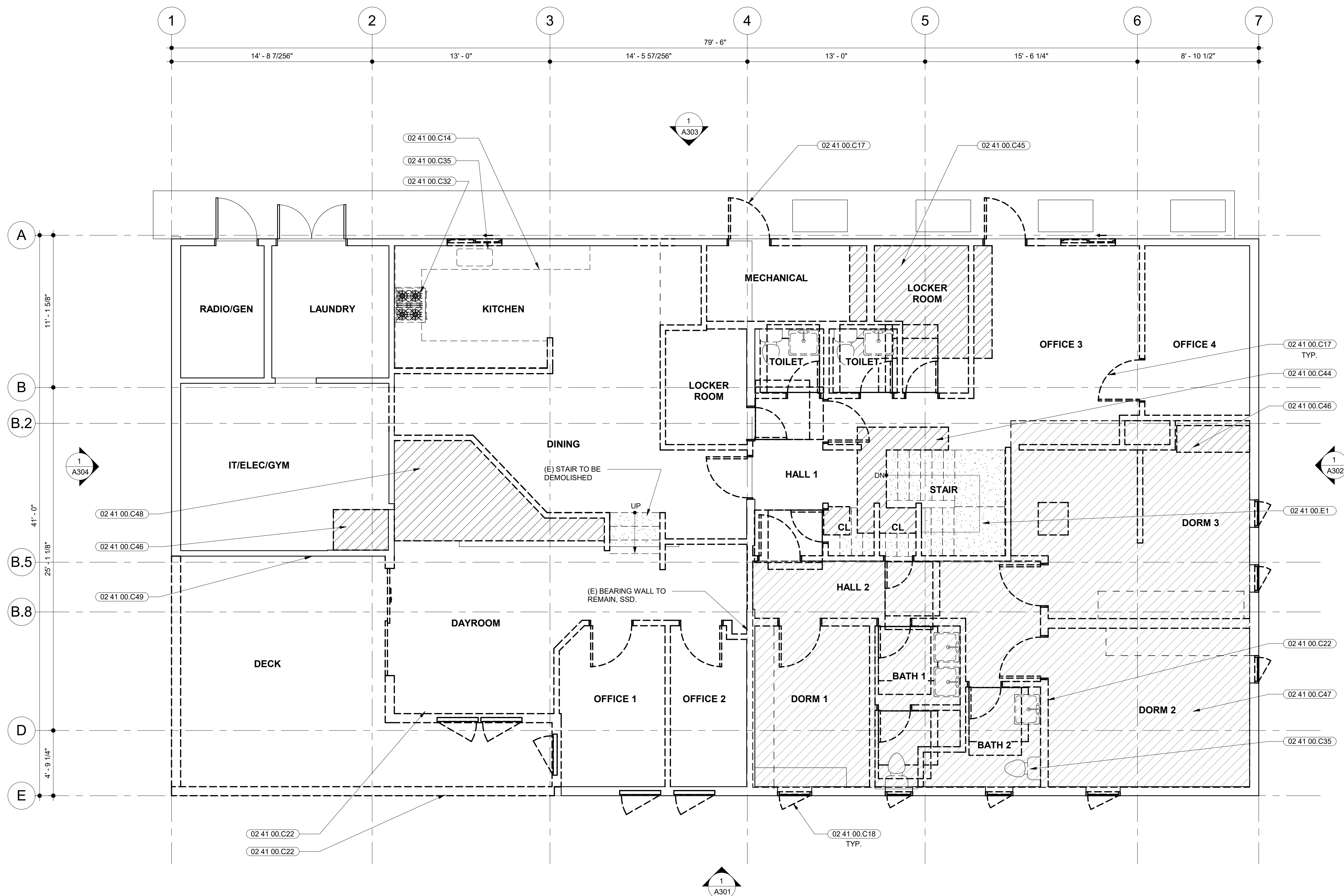
- SEE STRUCTURAL DRAWINGS FOR EXTENT OF SLAB ON GRADE TO BE REMOVED

**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.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.C32 (E) EQUIPMENT TO BE REMOVED
- 02 41 00.C35 (E) FIXTURES TO BE REMOVED
- 02 41 00.C44 (E) FLOOR AREA TO BE REMOVED FOR (N) ELEVATOR SHAFT
- 02 41 00.C45 (E) FLOOR AREA TO BE REMOVED FOR (N) STAIRWELL
- 02 41 00.C46 (E) FLOOR AREA TO BE REMOVED FOR (N) MECHANICAL SHAFT
- 02 41 00.C47 (E) FLOOR AREA TO BE REMOVED FOR (N) RAISED FLOOR AREA, SSD.
- 02 41 00.C48 (E) RAISED FLOOR AREA TO BE REMOVED
- 02 41 00.C49 (E) EXTERIOR SIDING TO BE REMOVED, (E) FRAMING TO REMAIN
- 02 41 00.E1 (E) WOOD FRAMED STAIR TO BE REMOVED

**WALL LEGEND**

- EXISTING WALL
- EXISTING WALL TO BE DEMOLISHED
- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED



**1 EXISTING (DEMOLITION) 2ND LEVEL PLAN**  
 SCALE: 1/4" = 1'-0"

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11/19/2021 3:05:41 PM



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

**SHEET NOTES**

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- SEE RCP ON SHEET A205 AND A206
- SEE ROOF PLAN ON SHEET A208
- SEE WALL TYPES ON SHEET A901
- FOR EXTERIOR WALL ASSEMBLY TYPES, SEE DETAIL CALLOUTS ON EXTERIOR ELEVATIONS
- PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND WALL MOUNTED ACCESSORIES INCLUDING BATHROOM FIXTURES. SEE DETAIL X/A9XX
- PROVIDE FIRE BLOCKING FOR WALL BOTTOMS THAT EXCEED CBC HEIGHT LIMITATIONS
- ALL WALL FRAMING TO EXTEND TO BOTTOM OF FLOOR FRAMING OR ROOF FRAMING, U.O.N.

**KEYNOTES**

- 06 43 00.A (N) WOOD FRAMED STAIR  
 14 24 00.A1 MACHINE ROOM-LESS HYDRAULIC ELEVATOR  
 14 42 00.A ADA ACCESSIBLE WHEELCHAIR LIFT

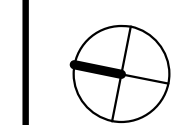
**WALL LEGEND**

- EXISTING WALL
- EXISTING WALL TO BE DEMOLISHED
- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED

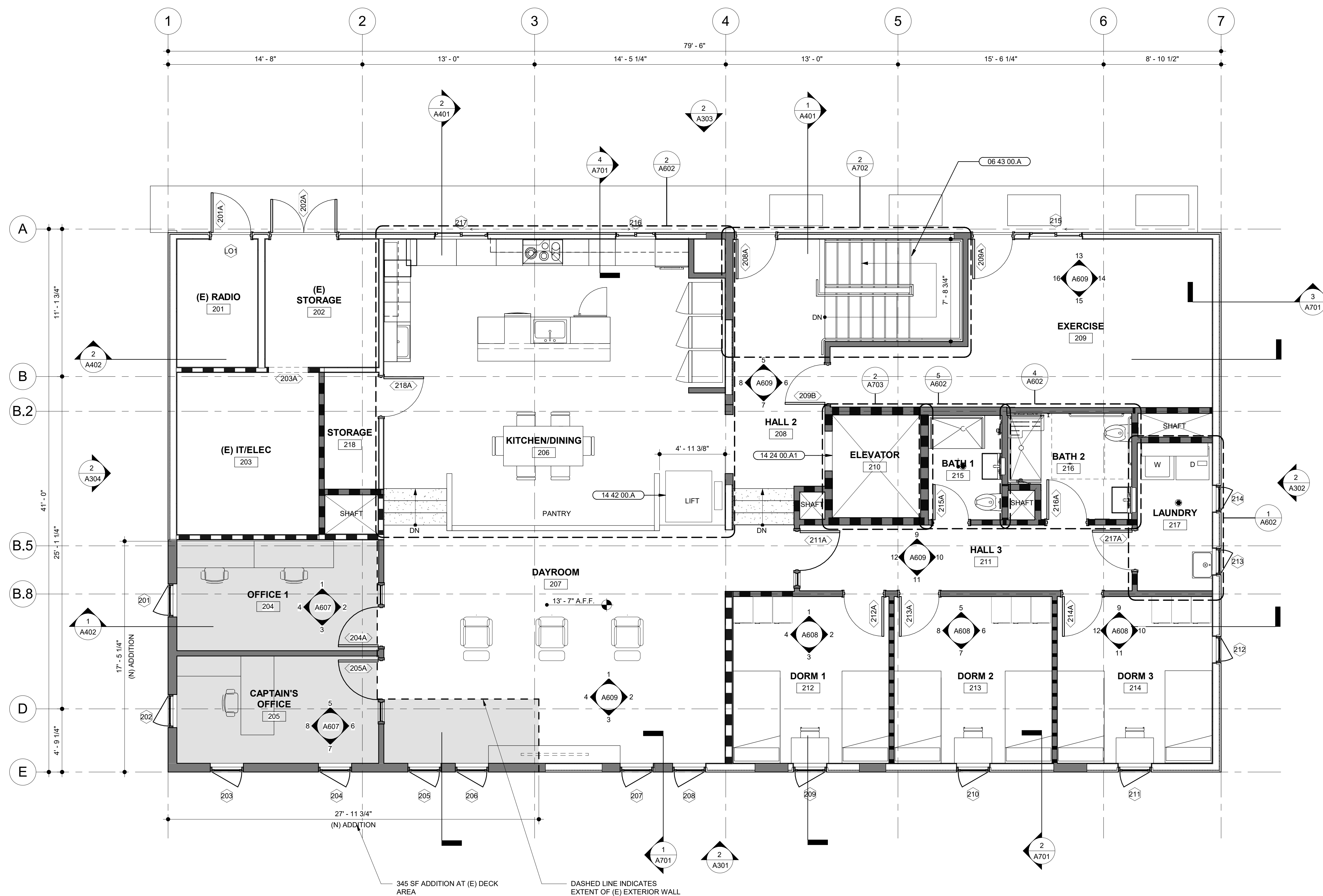
NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 PROPOSED SECOND FLOOR PLAN



## A204



### 1 PROPOSED 2ND LEVEL PLAN

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



**SHEET NOTES**

- 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 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 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

**KEYNOTES**

- 02 41 00.E8 PAINT (E) CEMENT BOARD SOFFIT
- 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR
- 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)

**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 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.  
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SAN FRANCISCO, CA 94110  
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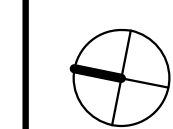
**REFLECTED CEILING PLAN**

- SCG1 - 2 X 2 ACOUSTICAL CEILING TILE WITH CONCEALED EDGES AND SUPPORT BARS. SEE SPECIFICATION FOR PANEL TYPE
- SCG1 - 2 X 4 ACOUSTICAL CEILING TILE WITH CONCEALED EDGES AND SUPPORT BARS. SEE SPECIFICATION FOR PANEL TYPE
- GB1 - GYP.BD. CEILING, PTD.
- SUPPLY GRILLE, SMD.
- RETURN GRILLE, SMD.
- EXHAUST GRILLE, SMD.
- LINEAR DIFFUSER, SMD.
- CEILING FAN COIL UNIT, SMD.
- MECHANICAL ACCESS PANEL, GLASS FIBER REINFORCED GYPSUM (GFRG) RADIUS CORNER SEAMLESS/CONCEALED ACCESS HATCH. COORDINATE WITH EQUIPMENT LOCATIONS.

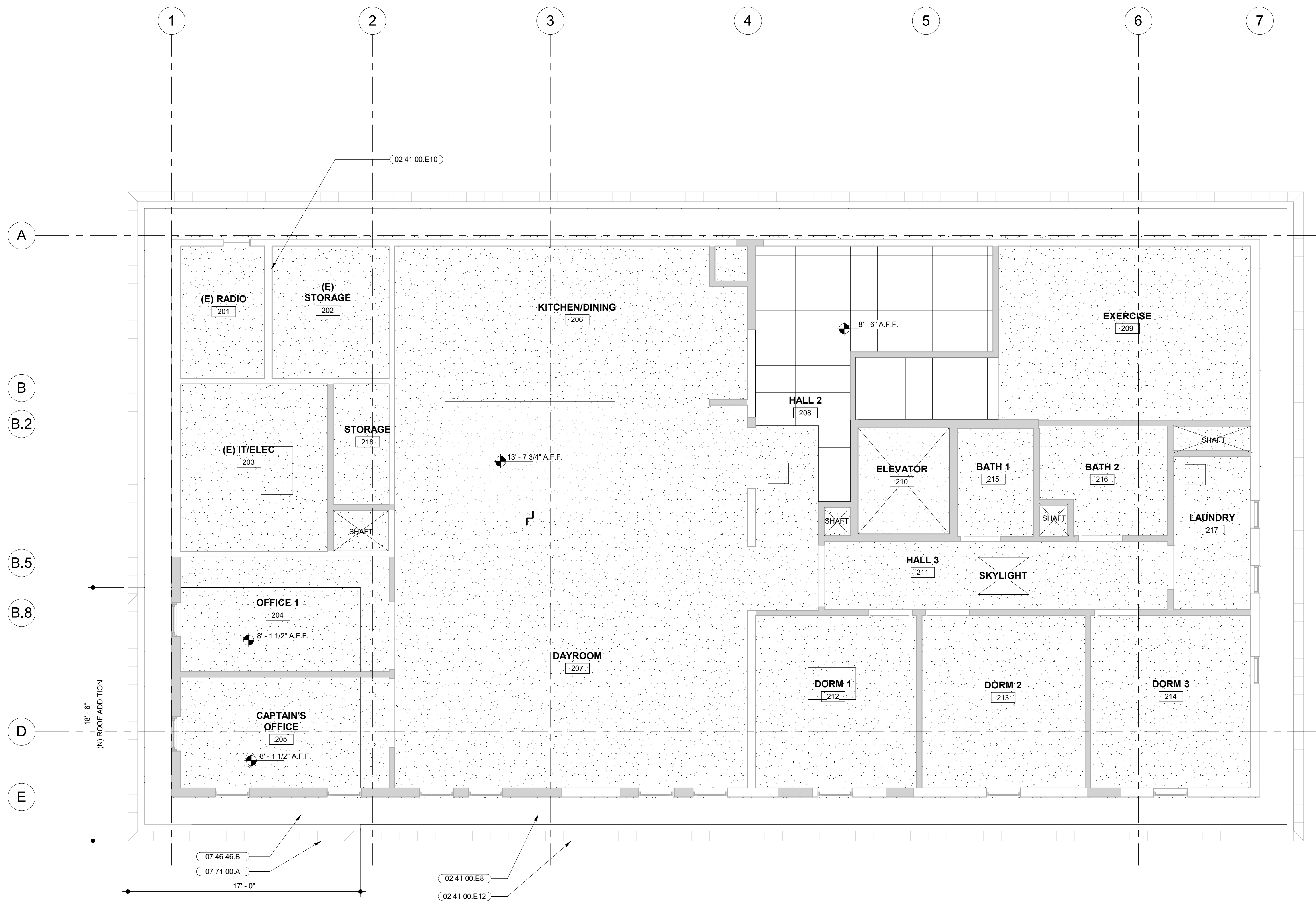
NO.	DESCRIPTION	DATE
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JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
PROPOSED SECOND FLOOR REFLECTED CEILING PLAN



**A206**



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



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  
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SAN CARLOS, CA 94070  
CONTACT: MATT FRANZ  
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1646 N. CALIFORNIA BLVD STE 400  
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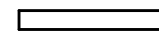
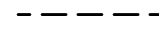



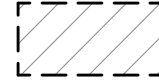
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
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T: (415) 255-9140

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

**KEYNOTES**

- 02 41 00.C50 (E) ROOF COVERING TO BE REMOVED
- 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
- 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN

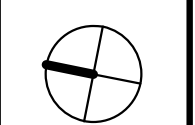
**WALL LEGEND**

-  EXISTING WALL
-  EXISTING WALL TO BE DEMOLISHED
-  PROPOSED WALL
-  1-HR RATED WALL
-  1/2-HR RATED WALL
-  FLOOR AREA TO BE REMOVED

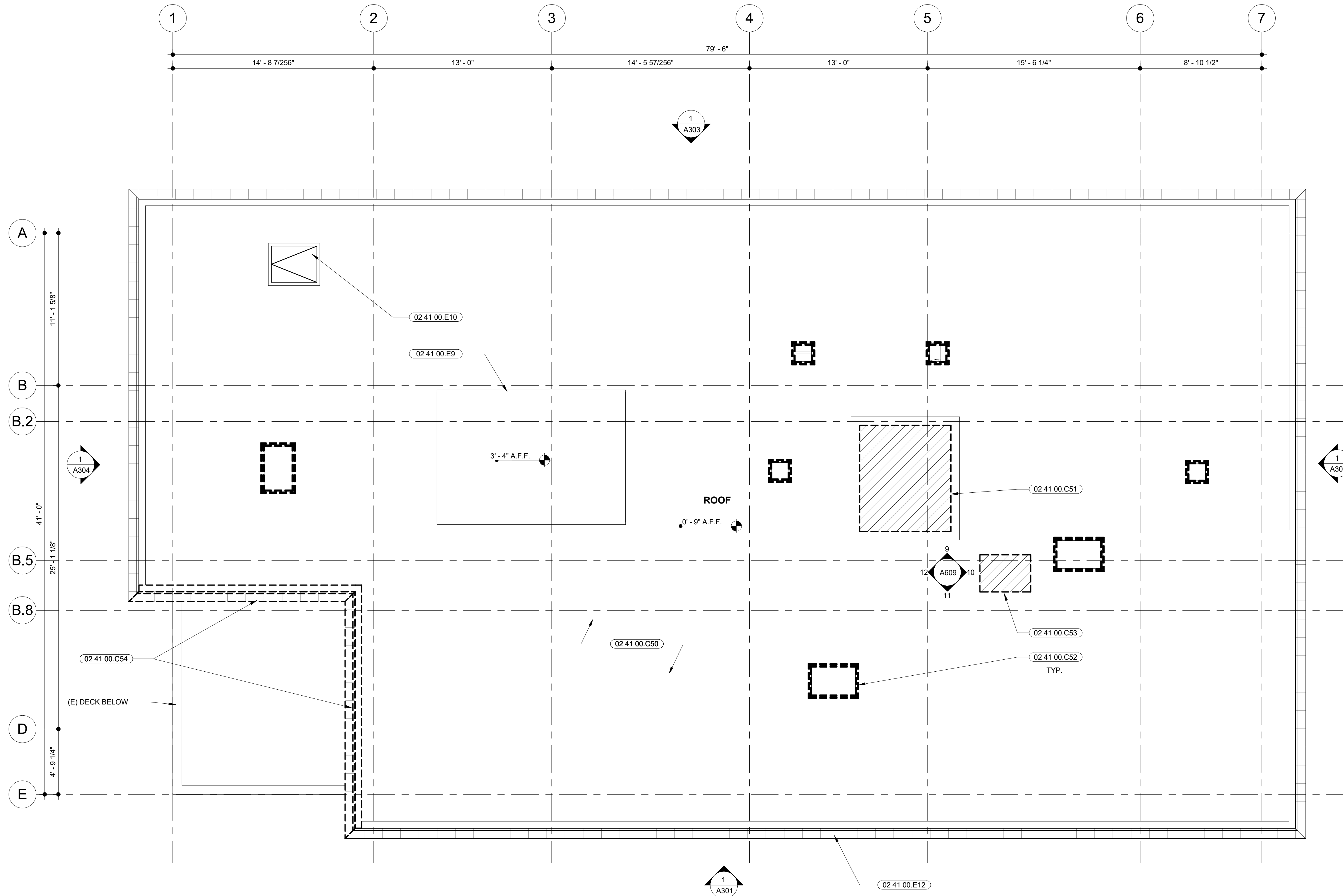
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JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
EXISTING ROOF PLAN



**A207**



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

STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

**PROJECT TEAM**

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 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

**SHEET NOTES**

- 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.
- ANTENNA TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR (OFC). SEE LOW VOLTAGE DRAWINGS.
- MIN. ROOFING THICKNESS PER TITLE-24 CALCULATIONS. PROVIDE TAPERED INSULATION THROUGHOUT PER ROOF SLOPES, DETAILS, AND SPECIFICATIONS.
- PROVIDE WALK PADS FROM ROOF HATCH THROUGH ALL MAIN AISLES FROM ROOF HATCH TO ROOF TOP EQUIPMENT.

**KEYNOTES**

- 02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR
- 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN
- 07 54 00.A THERMOPLASTIC MEMBRANE ROOFING OVER TAPERED RIGID INSULATION
- 07 71 00.A METAL FASCIA TO MATCH (E)
- 08 60 00.A CURB MOUNTED FIXED SKYLIGHT
- 14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD

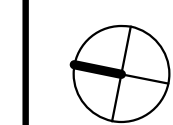
**WALL LEGEND**

- EXISTING WALL
- EXISTING WALL TO BE DEMOLISHED
- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED

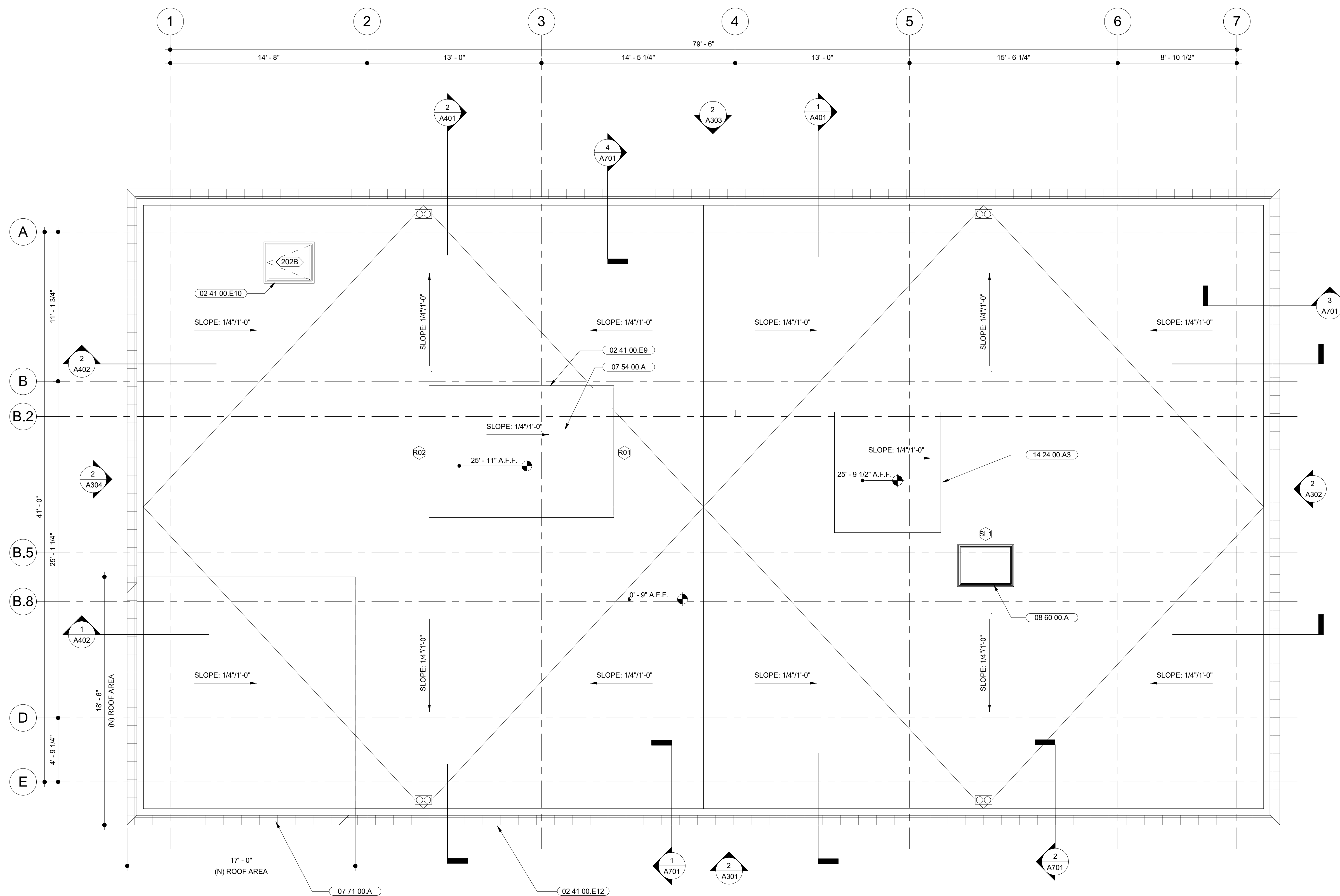
NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 PROPOSED ROOF PLAN



**A208**



**1 | PROPOSED ROOF LEVEL PLAN**  
 SCALE: 1/4" = 1'-0"

### SHEET NOTES

- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
- FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

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 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

### KEYNOTES

- 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.C49 (E) EXTERIOR SIDING TO BE REMOVED, (E) FRAMING TO REMAIN
- 02 41 00.C54 (E) METAL FASCIA TO BE REMOVED
- 02 41 00.E2 (E) MOMENT FRAME AND CONCRETE PIERS TO REMAIN
- 02 41 00.E4 (E) SECTIONAL DOORS TO REMAIN
- 02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR
- 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN
- 07 46 46.A PAINTED FIBER CEMENT BOARD HORIZONTAL SIDING
- 07 46 46.C PAINTED FIBER CEMENT TRIM BOARD
- 07 71 00.A METAL FASCIA TO MATCH (E)
- 08 51 13.A ALUMINUM CASEMENT WINDOW
- 08 51 13.B ALUMINUM FIXED WINDOW
- 14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD

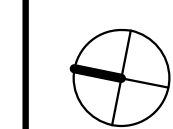
### LEGEND

- PAINTED HORIZONTAL CEMENT BOARD SIDING
- PAINTED SHINGLE CEMENT BOARD SIDING
- METAL ROOF FASCIA
- AREA OF SELECTIVE DEMOLITION

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021

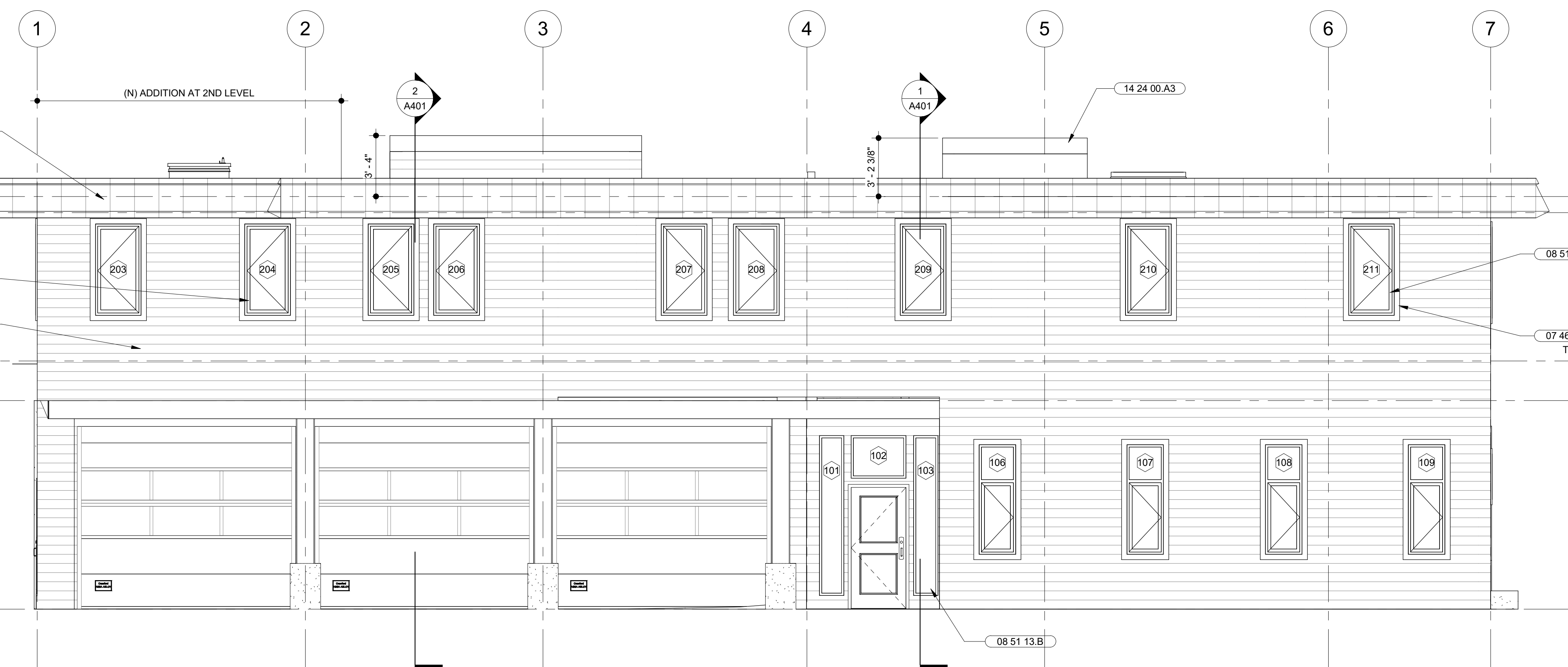
JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
EXTERIOR ELEVATIONS - WEST

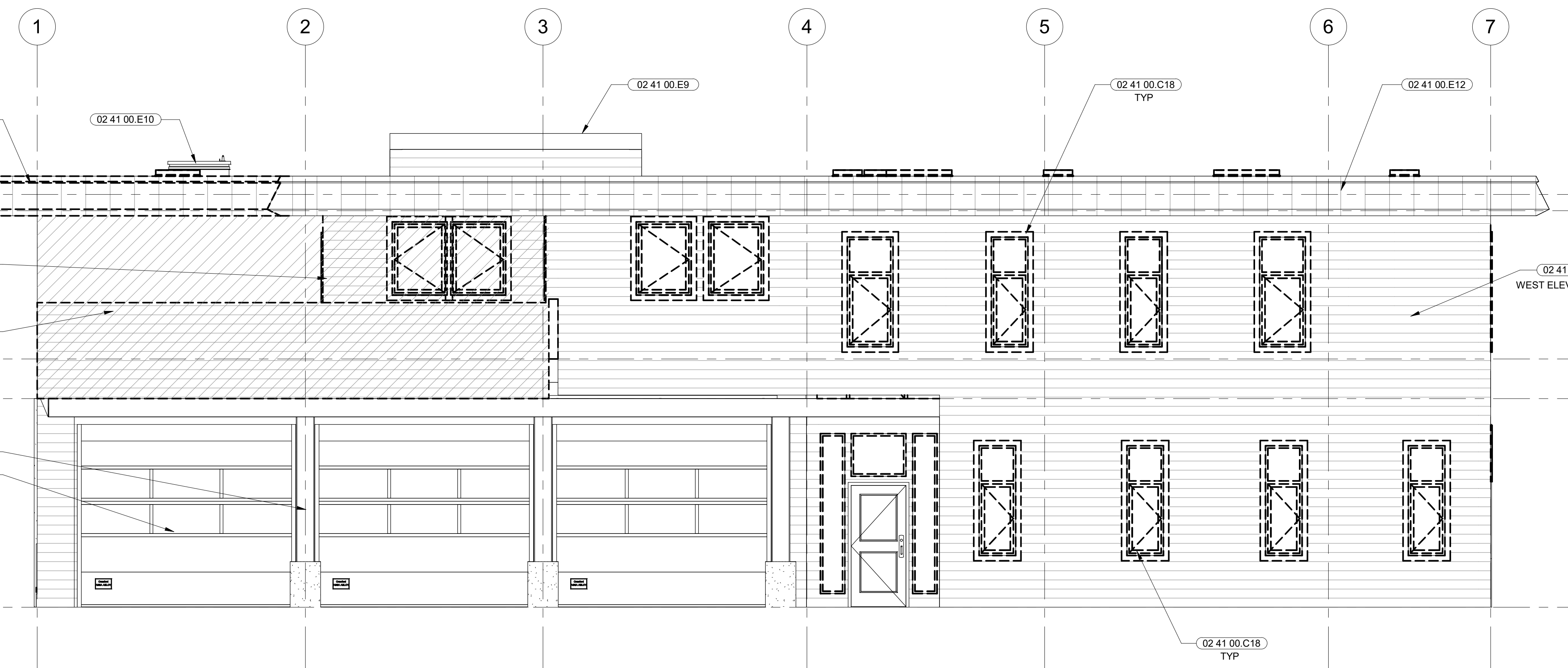


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11/19/2021 3:05:48 PM



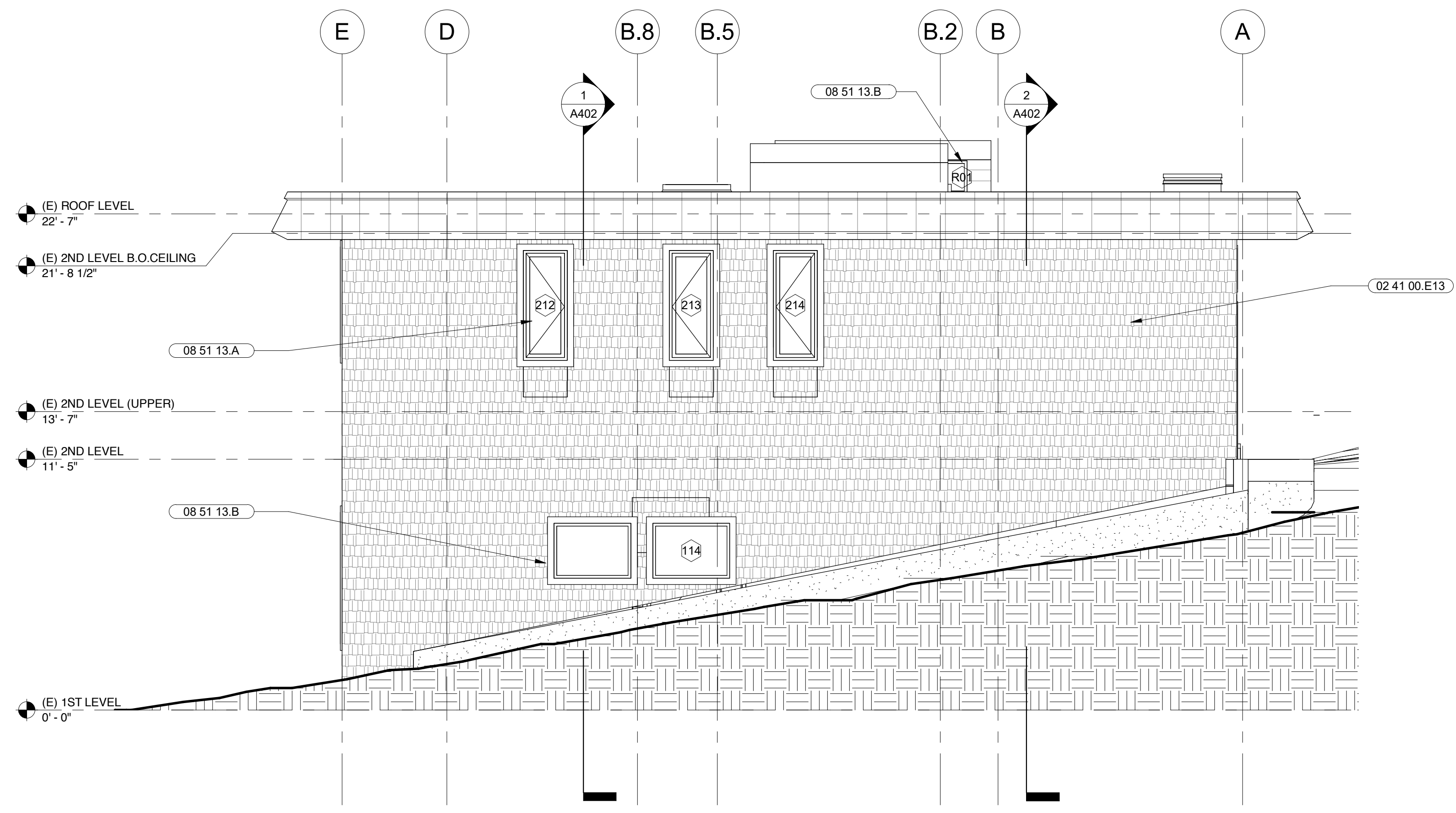
**2 | PROPOSED WEST ELEVATION**  
SCALE: 1/4" = 1'-0"



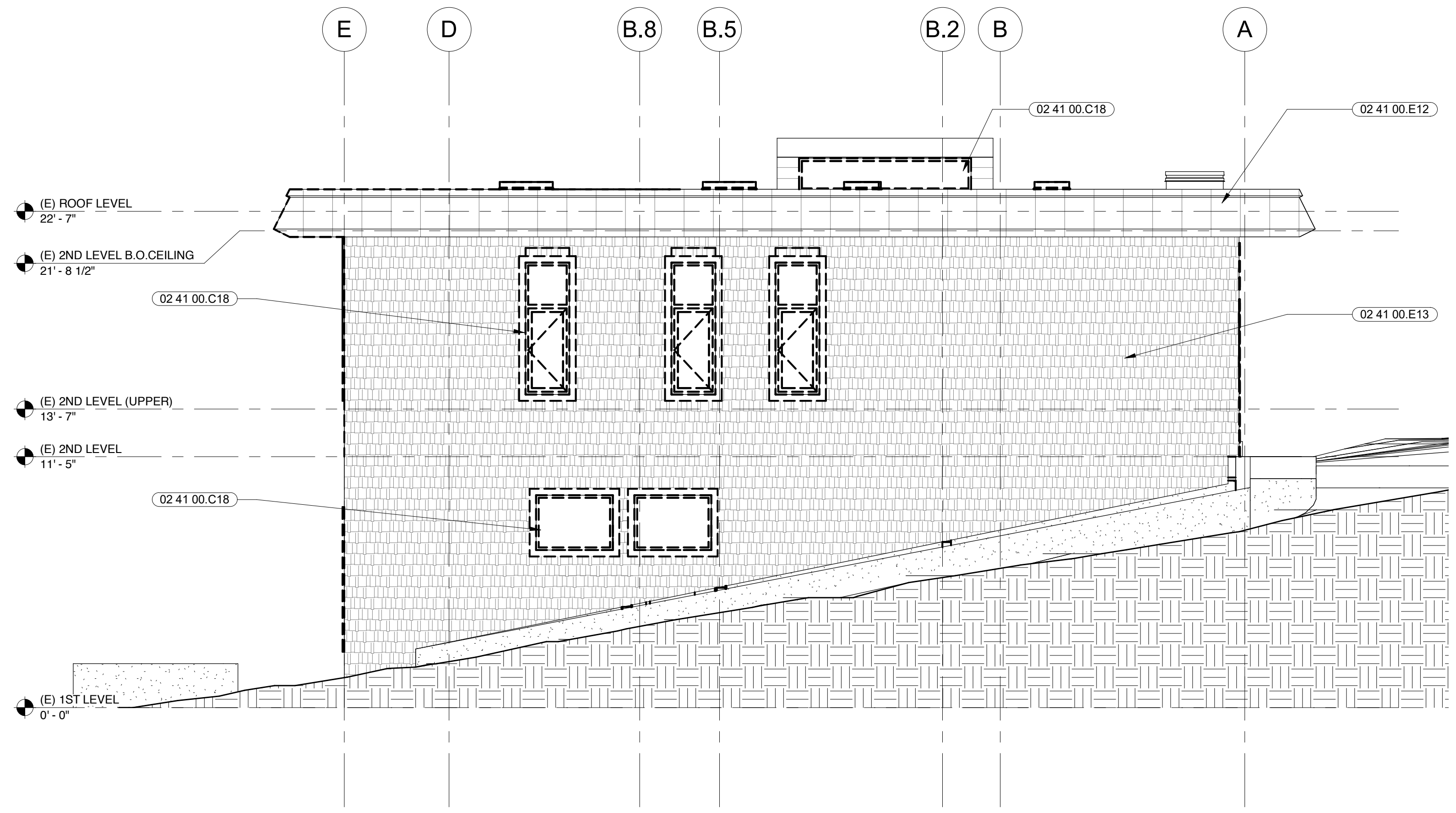
**1 | EXISTING (DEMOLITION) WEST ELEVATION**  
SCALE: 1/4" = 1'-0"

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**2** PROPOSED SOUTH ELEVATION  
SCALE: 1/4" = 1'-0"



**1** EXISTING (DEMOLITION) SOUTH ELEVATION  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
- FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

**KEYNOTES**

02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED 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

**MARJANG ARCHITECTURE**

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 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  
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**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
	PAINTED SHINGLE CEMENT BOARD SIDING
	METAL ROOF FASCIA
	AREA OF SELECTIVE DEMOLITION

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021

**JOB NO.**  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

**DESCRIPTION**  
EXTERIOR ELEVATIONS - SOUTH

**A302**

**SHEET NOTES**

- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
- FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

STAMP

**KEYNOTES**

- 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.E3 (E) DOOR TO REMAIN
- 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
- 02 41 00.E14 (E) METAL LOUVER TO REMAIN
- 08 11 13.A (E) HOLLOW METAL DOOR AND FRAME
- 08 51 13.C ALUMINUM SLIDING WINDOW
- 14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD

**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 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  
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850 S. VAN NESS AVE, #26  
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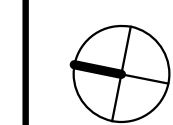
**LEGEND**

- PAINTED HORIZONTAL CEMENT BOARD SIDING
- PAINTED SHINGLE CEMENT BOARD SIDING
- METAL ROOF FASCIA
- AREA OF SELECTIVE DEMOLITION

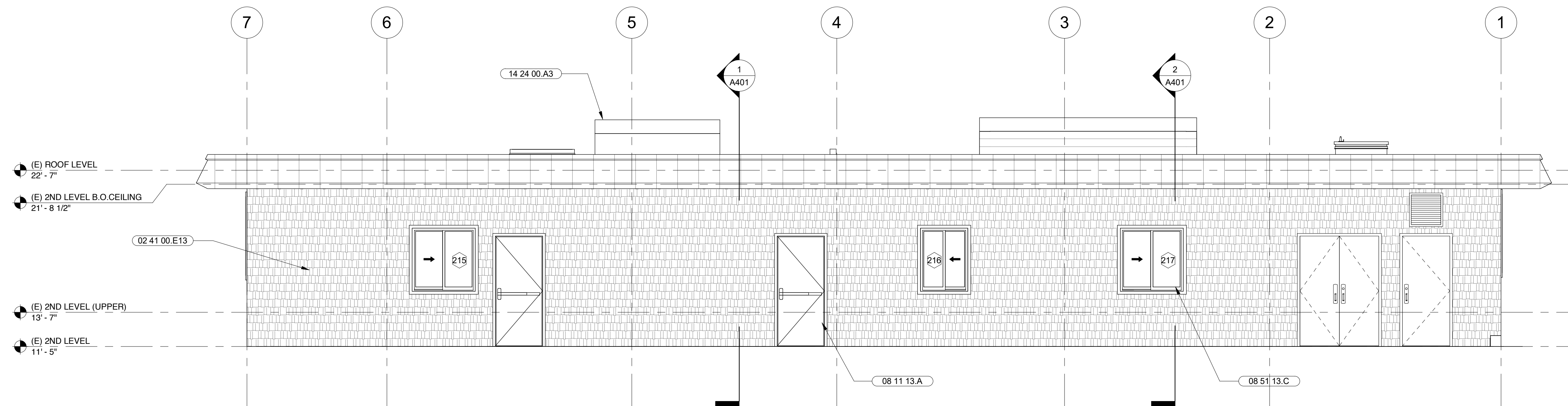
NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

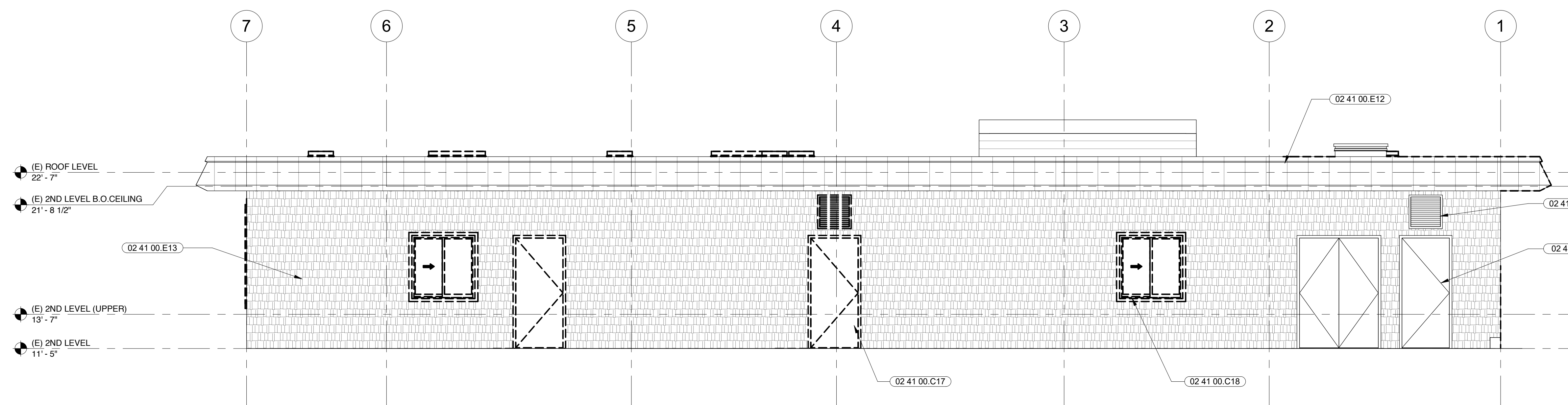
DESCRIPTION  
EXTERIOR ELEVATIONS - EAST



**A303**

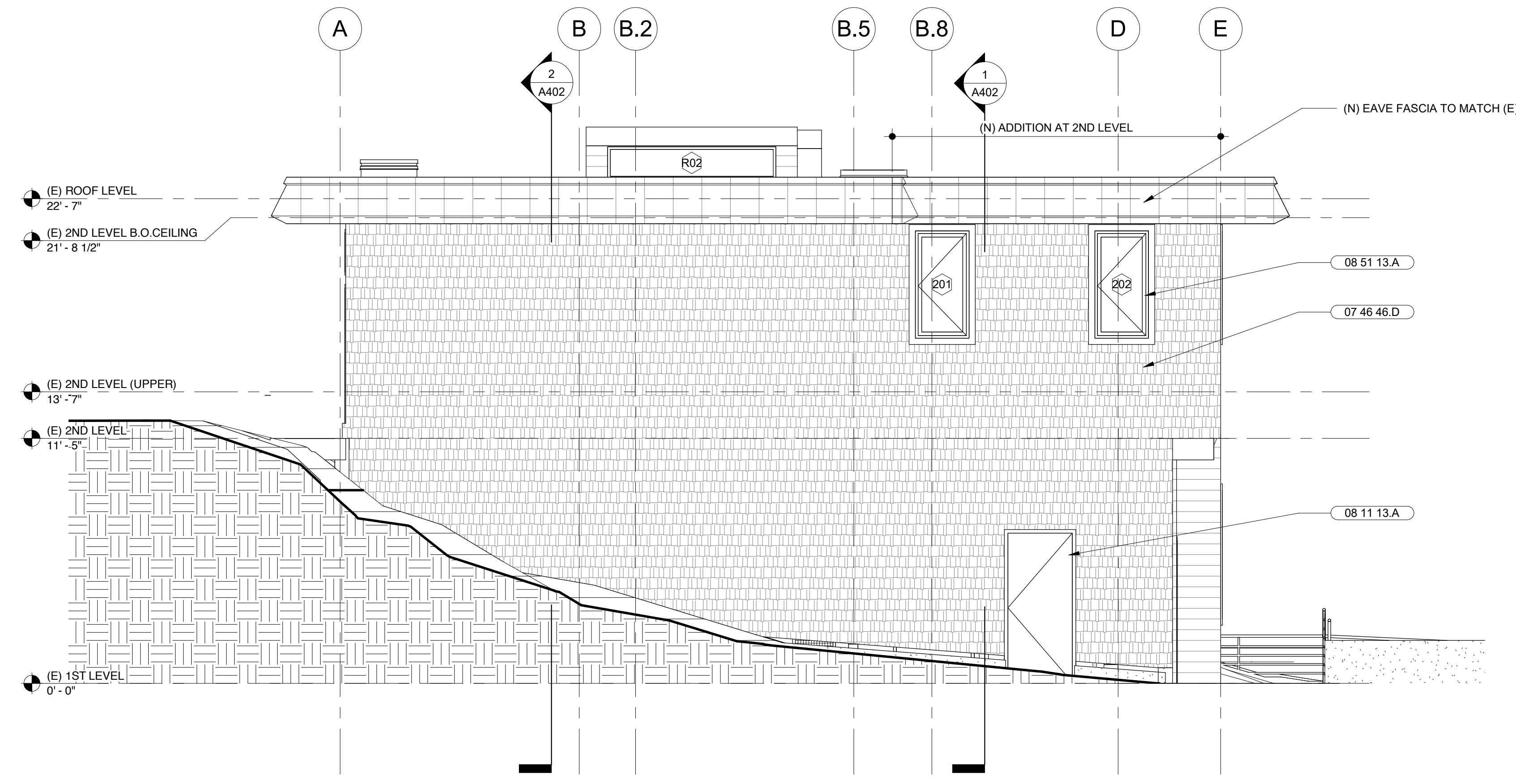


**2 | PROPOSED EAST ELEVATION**  
SCALE: 1/4" = 1'-0"

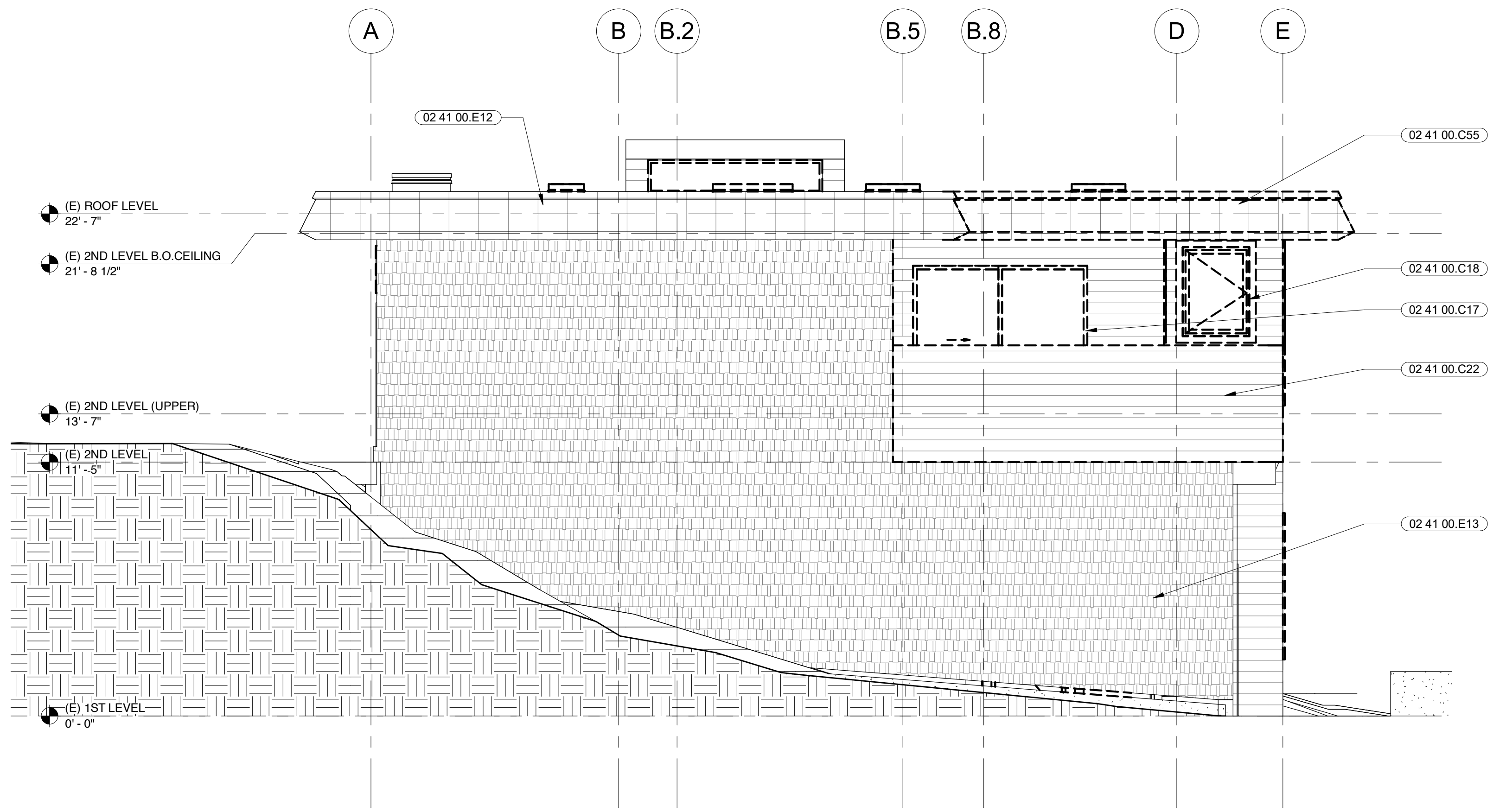


**1 | EXISTING (DEMOLITION) EAST ELEVATION**  
SCALE: 1/4" = 1'-0"





**2** PROPOSED NORTH ELEVATION  
SCALE: 1/4" = 1'-0"



**1** EXISTING (DEMOLITION) NORTH ELEVATION  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
- FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

**KEYNOTES**

- 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
- 08 51 13.A ALUMINUM CASEMENT WINDOW

**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 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  
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SAN FRANCISCO, CA 94110  
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T: (415) 826-9626

**LEGEND**

	PAINTED HORIZONTAL CEMENT BOARD SIDING
	PAINTED SHINGLE CEMENT BOARD SIDING
	METAL ROOF FASCIA
	AREA OF SELECTIVE DEMOLITION

**MARJANG ARCHITECTURE**

STAMP

PROJECT ADDRESS

PROJECT TEAM

CLIENT:

ARCHITECT:

STRUCTURAL:

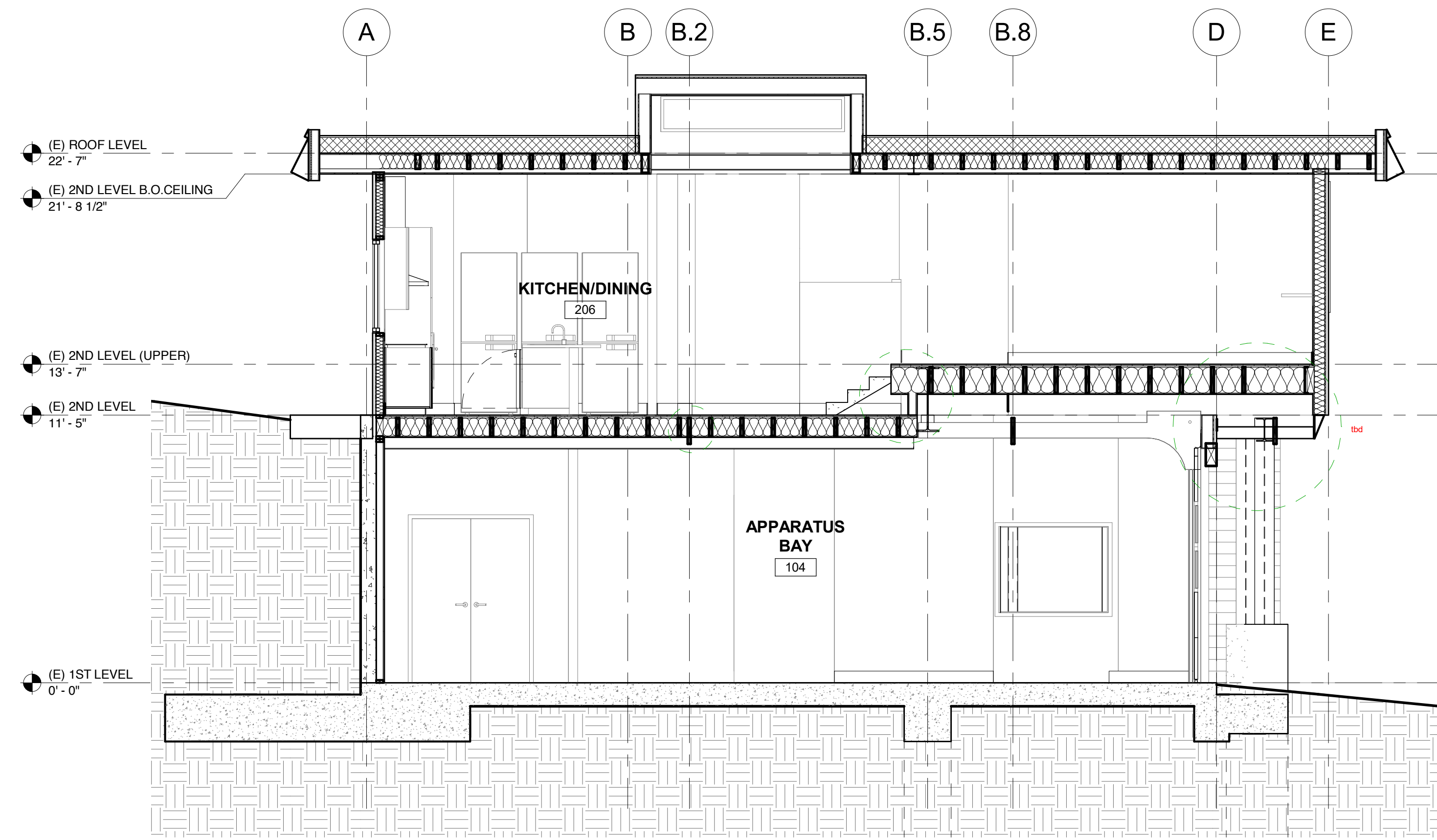
CIVIL:

NO.	DESCRIPTION	DATE
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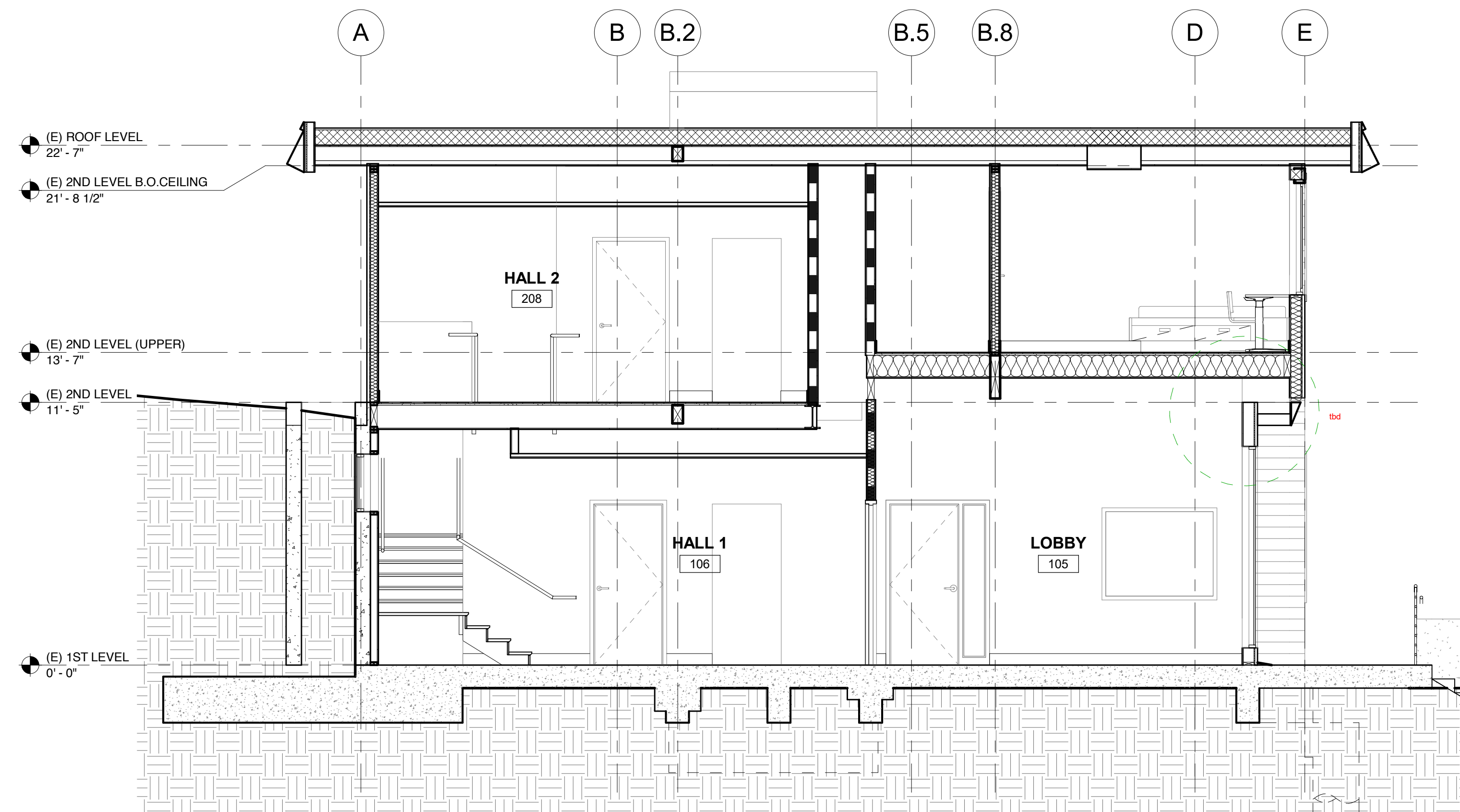
JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION EXTERIOR ELEVATIONS - NORTH

**A304**



**2** BUILDING SECTION 2  
SCALE: 1/4" = 1'-0"



**1** BUILDING SECTION 1  
SCALE: 1/4" = 1'-0"

STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.**  
**KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
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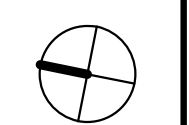
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
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NO.	DESCRIPTION	DATE
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JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
BUILDING SECTIONS





STAMP

PROJECT ADDRESS  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
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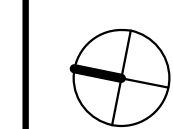
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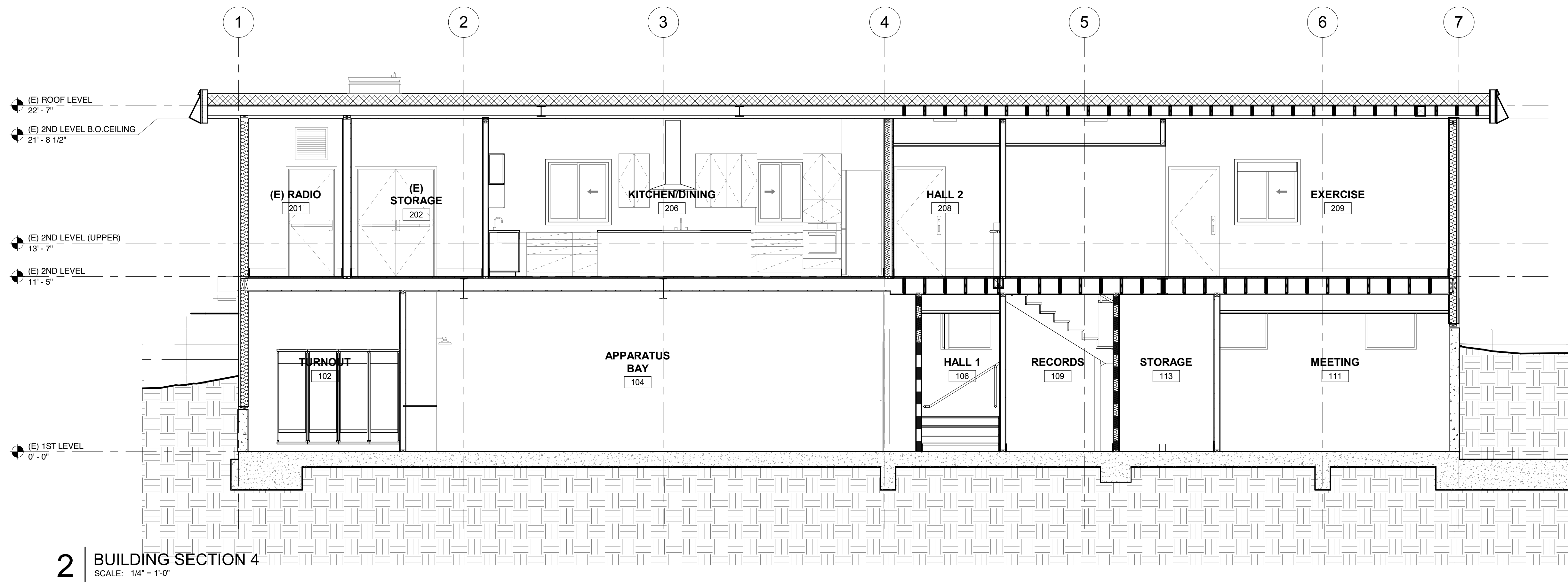
JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
BUILDING SECTIONS

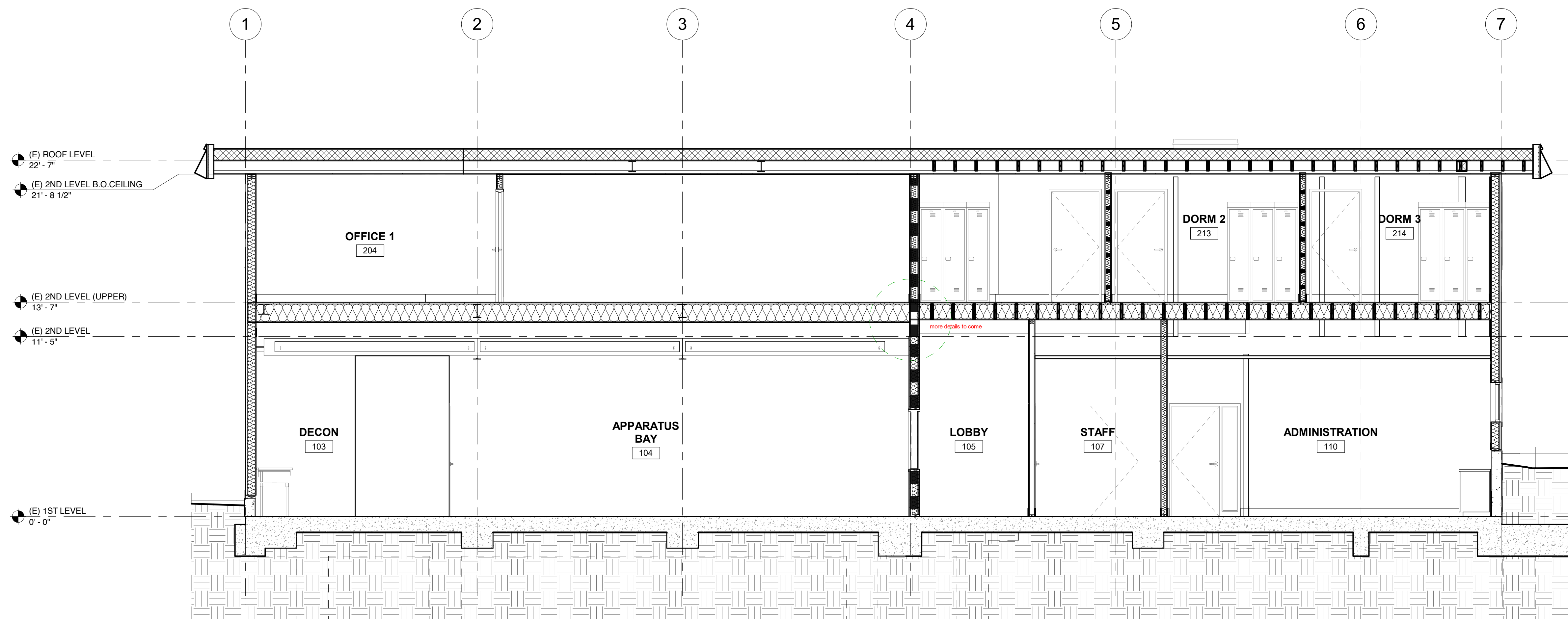


A402

11/19/2021 3:05:54 PM



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



1 BUILDING SECTION 3  
SCALE: 1/4" = 1'-0"

C:\Users\Robert\_Soo\_Hoo\Documents\Kensington Public Safety Building\_Central\_robert18CYZ.rvt









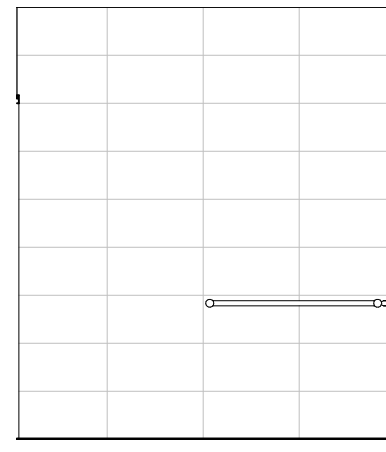




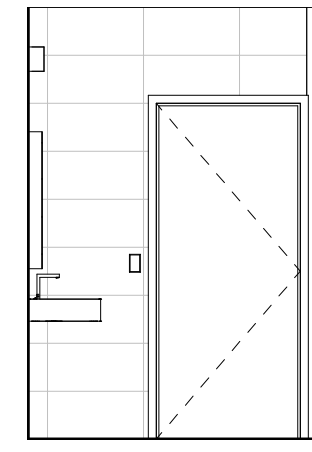




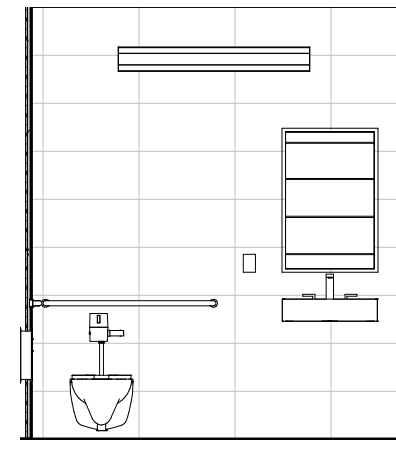




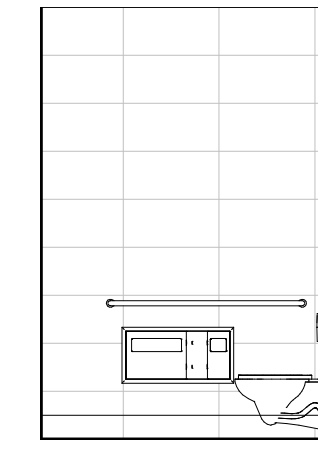
12 | RESTROOM 112 - WEST  
SCALE: 1/4" = 1'-0"



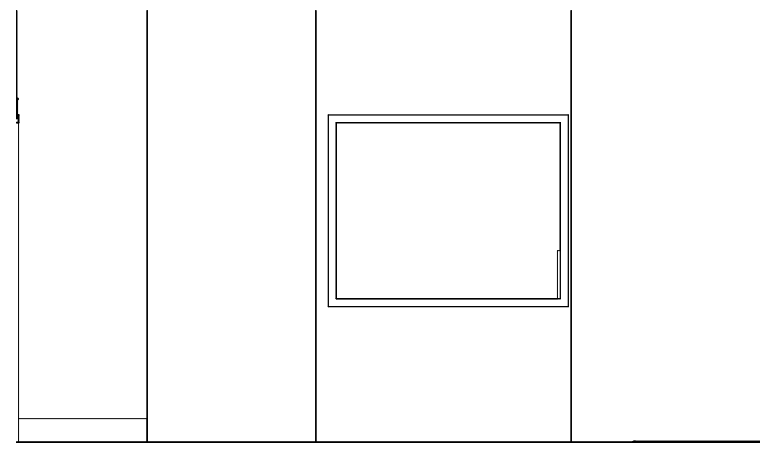
11 | RESTROOM 112 - SOUTH  
SCALE: 1/4" = 1'-0"



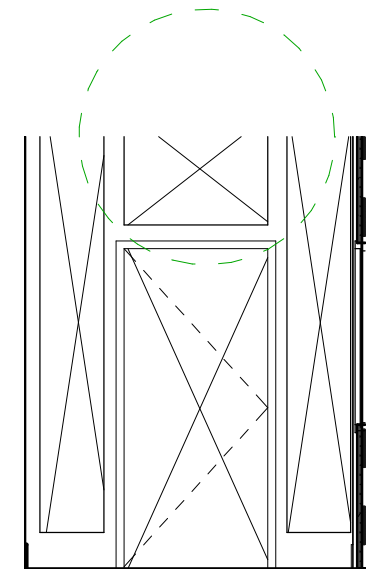
10 | RESTROOM 112 - EAST  
SCALE: 1/4" = 1'-0"



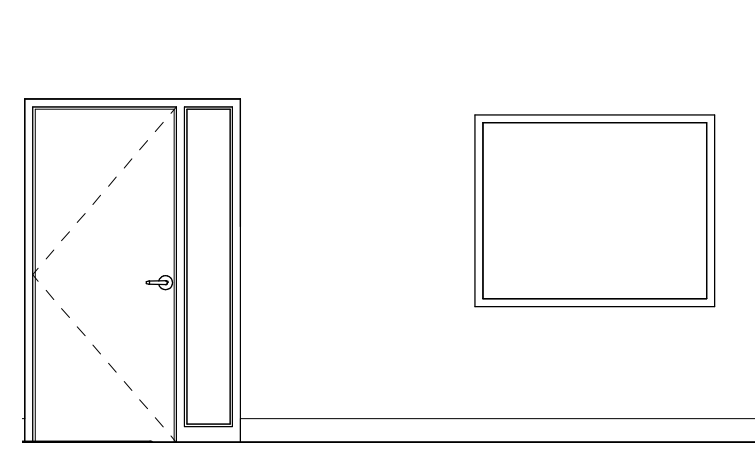
9 | RESTROOM 112 - NORTH  
SCALE: 1/4" = 1'-0"



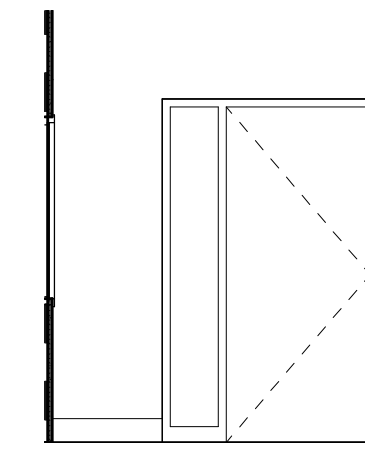
8 | LOBBY 105 - WEST  
SCALE: 1/4" = 1'-0"



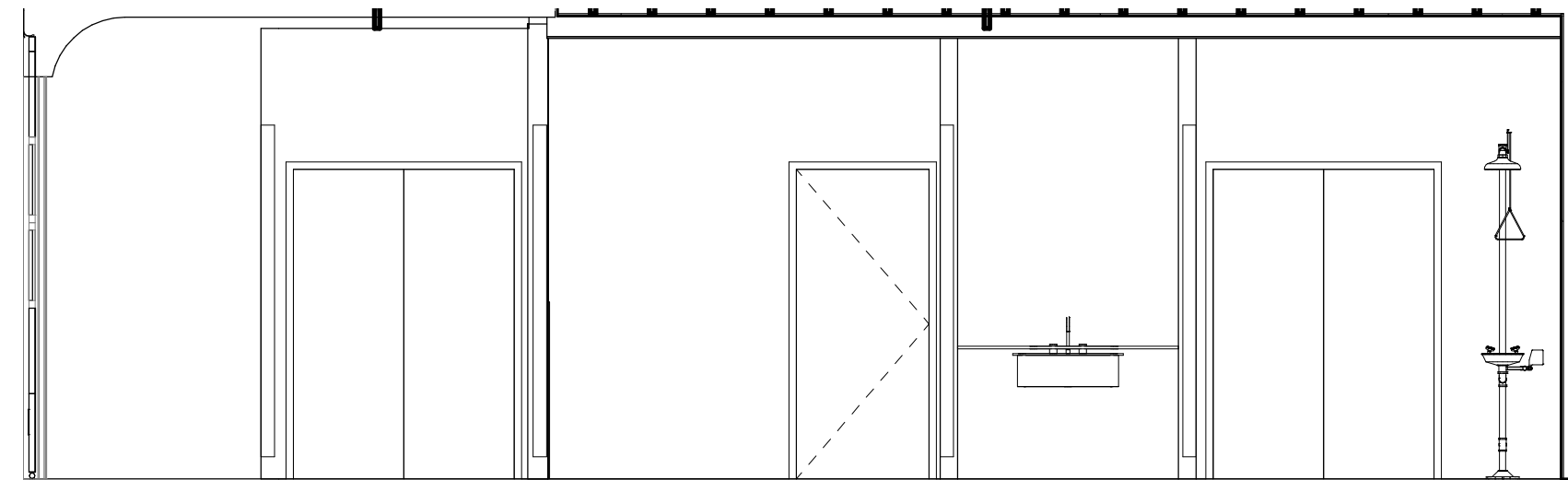
7 | LOBBY 105 - SOUTH  
SCALE: 1/4" = 1'-0"



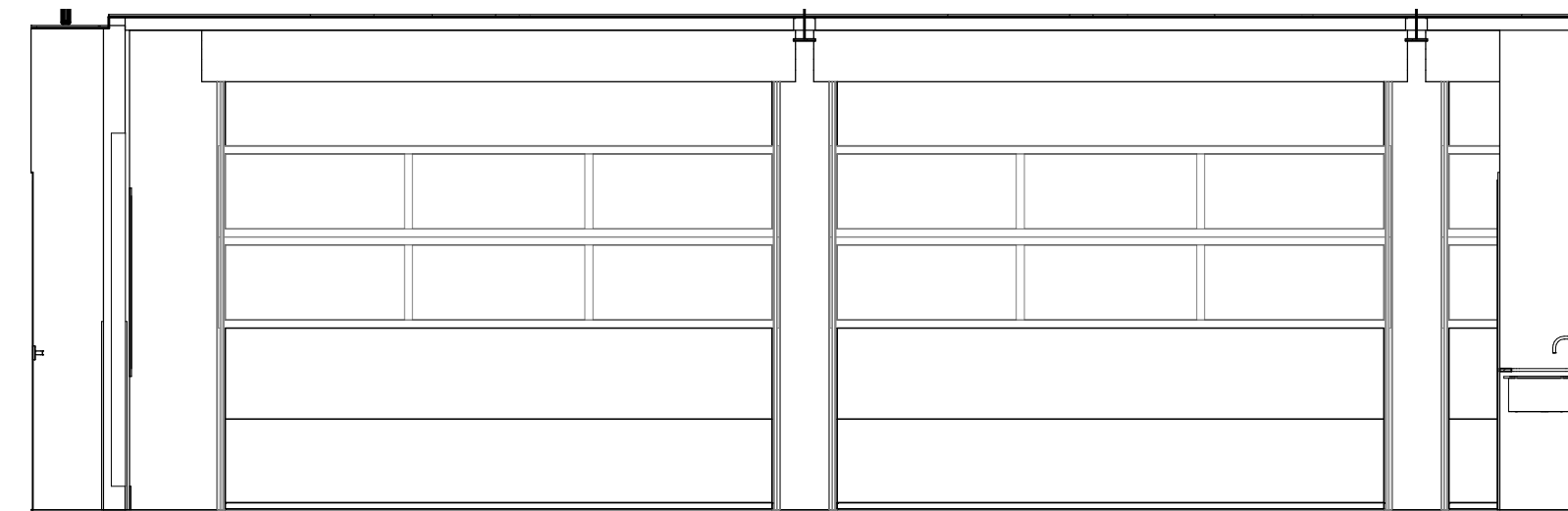
6 | LOBBY 105 - EAST  
SCALE: 1/4" = 1'-0"



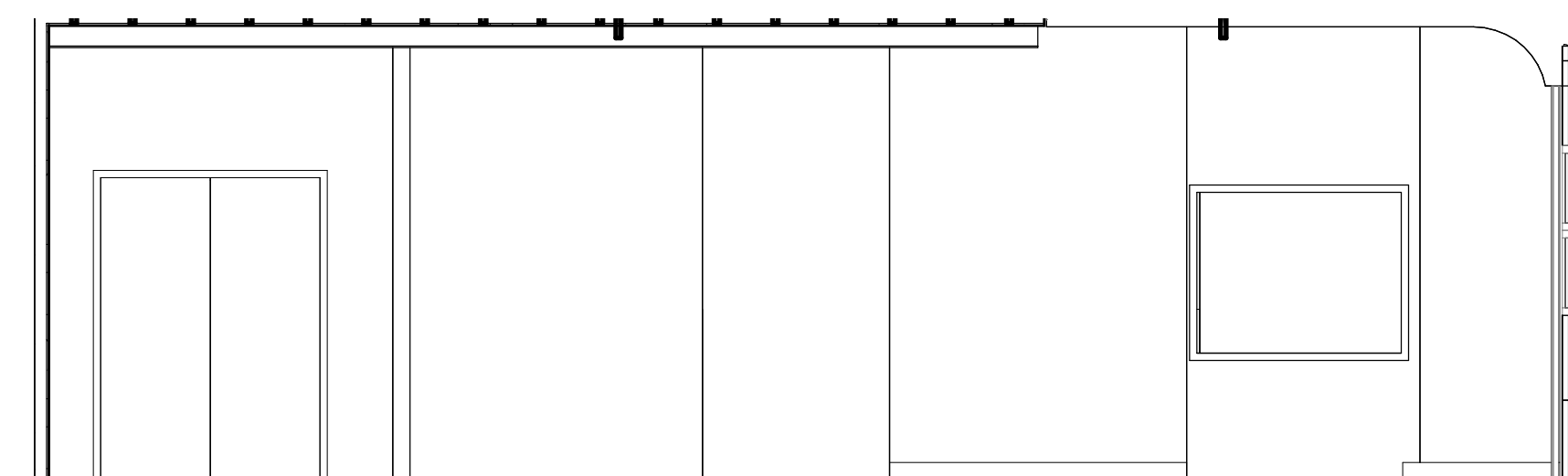
5 | LOBBY 105 - NORTH  
SCALE: 1/4" = 1'-0"



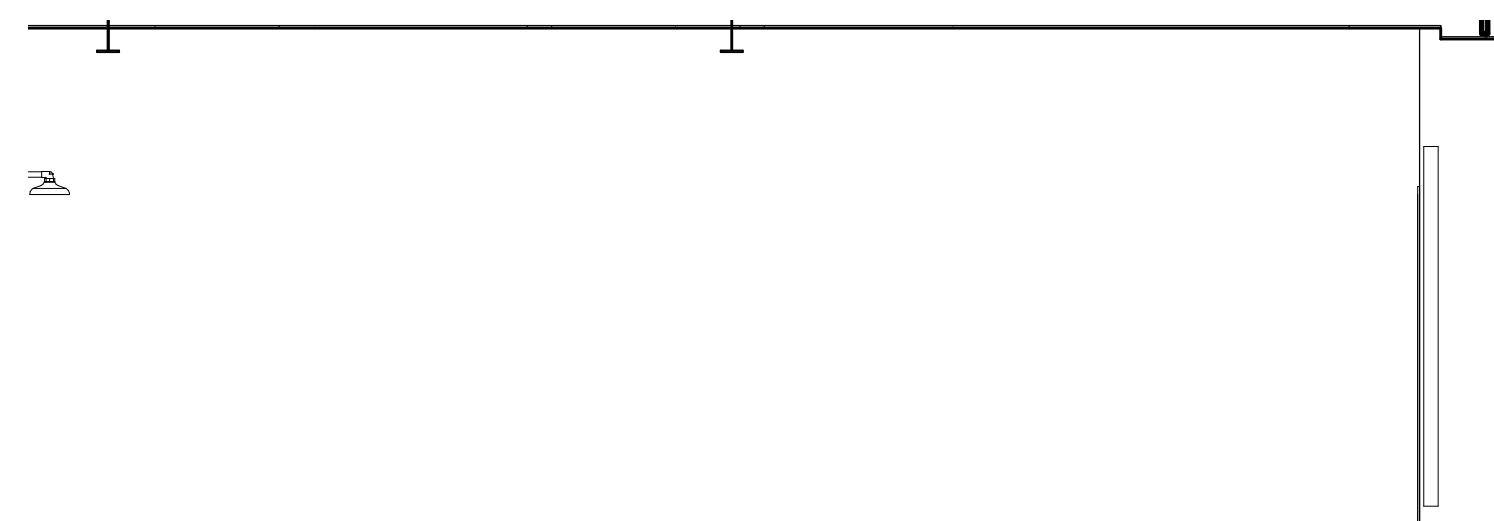
4 | APPARATUS BAY 104 - WEST  
SCALE: 1/4" = 1'-0"



3 | APPARATUS BAY 104 - SOUTH  
SCALE: 1/4" = 1'-0"



2 | APPARATUS BAY 104 - EAST  
SCALE: 1/4" = 1'-0"



1 | APPARATUS BAY 104 - NORTH  
SCALE: 1/4" = 1'-0"

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 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

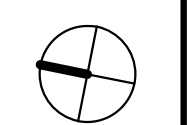
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

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

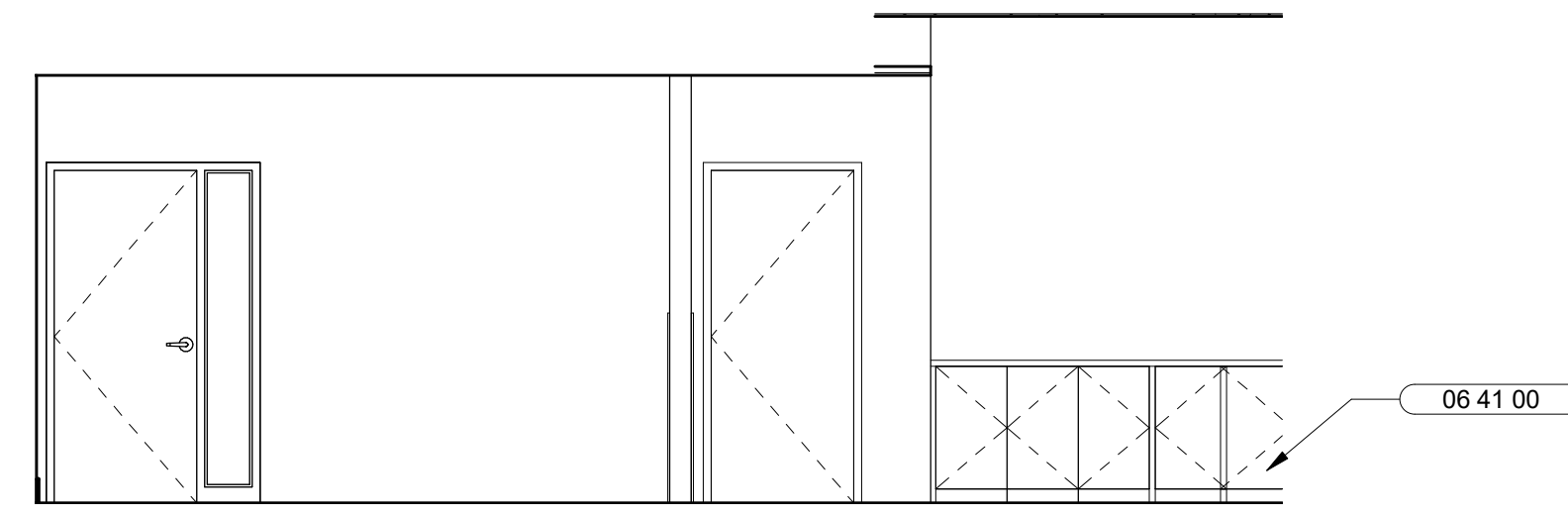
NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

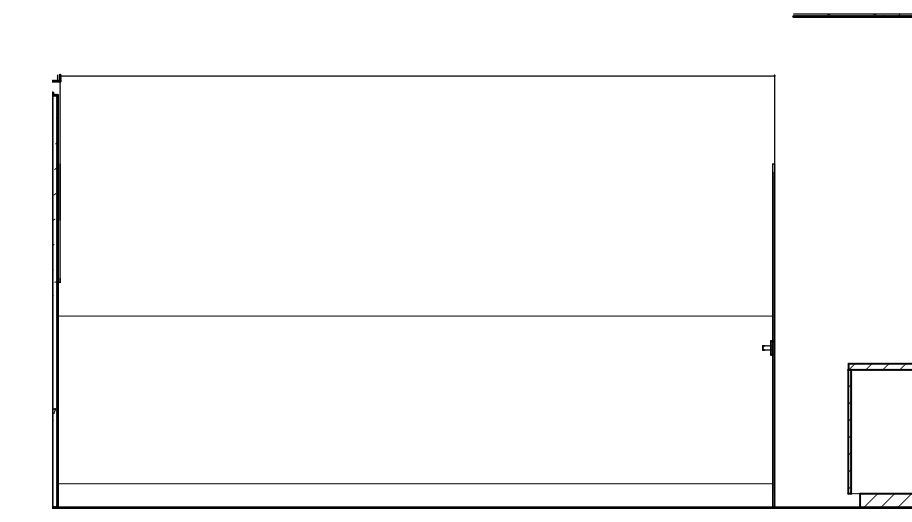
DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS



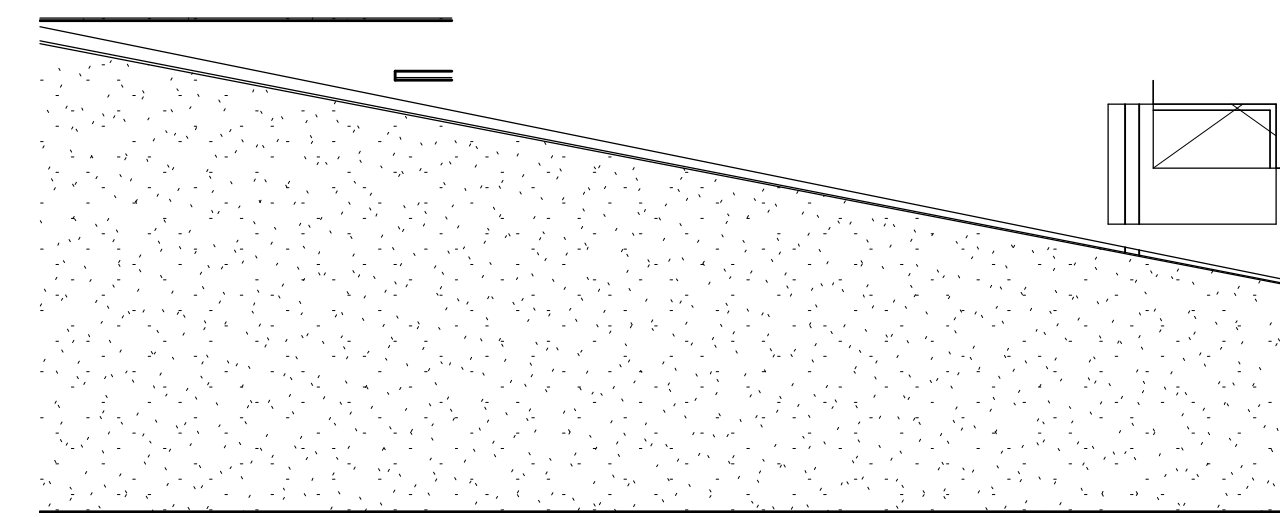
A604



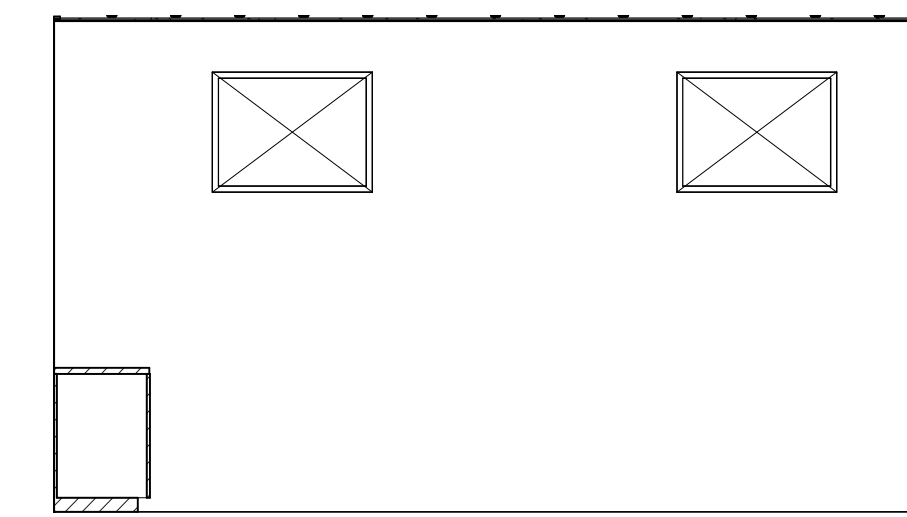
11 MEETING/E.O.C. 111 - WEST  
SCALE: 1/4" = 1'-0"



12 MEETING 111 - SOUTH  
SCALE: 1/4" = 1'-0"



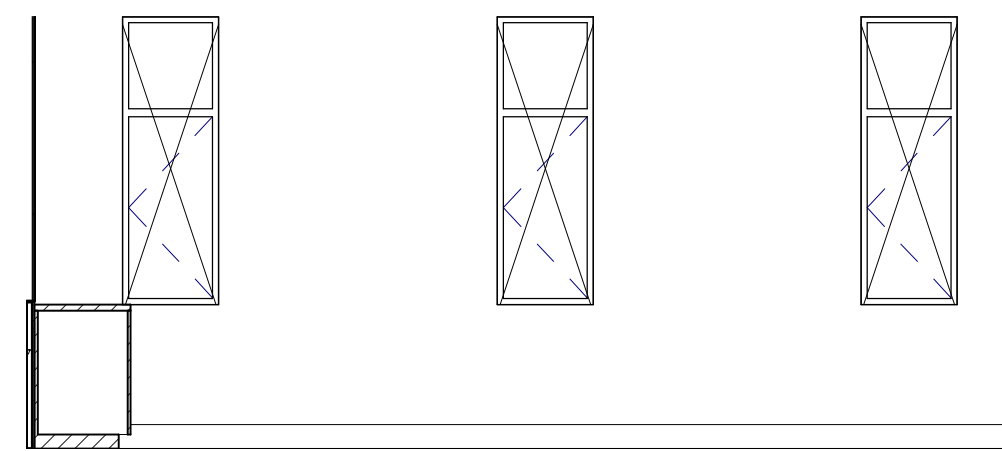
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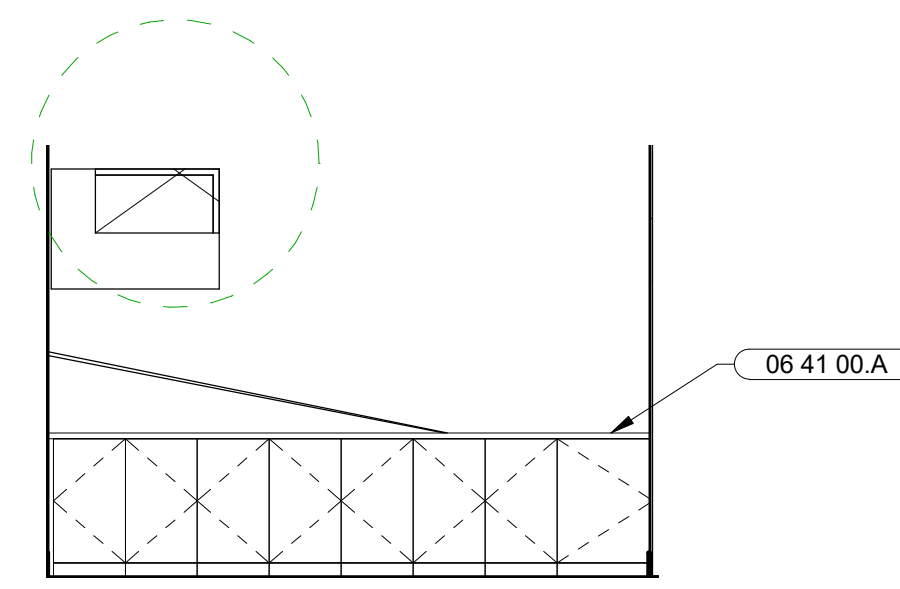
9 MEETING 111 - NORTH  
SCALE: 1/4" = 1'-0"



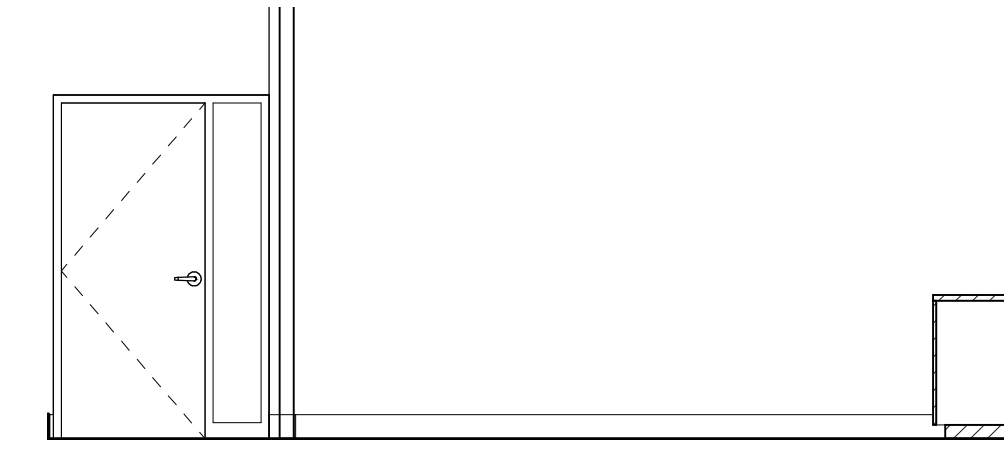
8 ADMINISTRATION 110 - WEST  
SCALE: 1/4" = 1'-0"



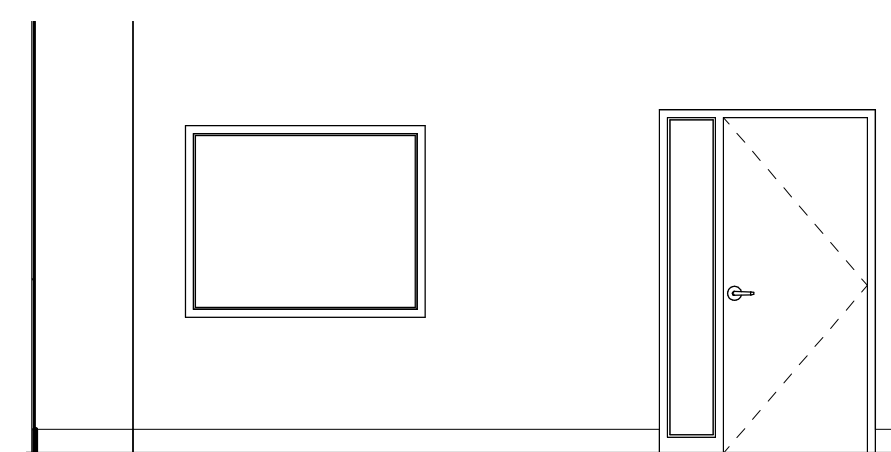
7 ADMINISTRATION 110 - SOUTH  
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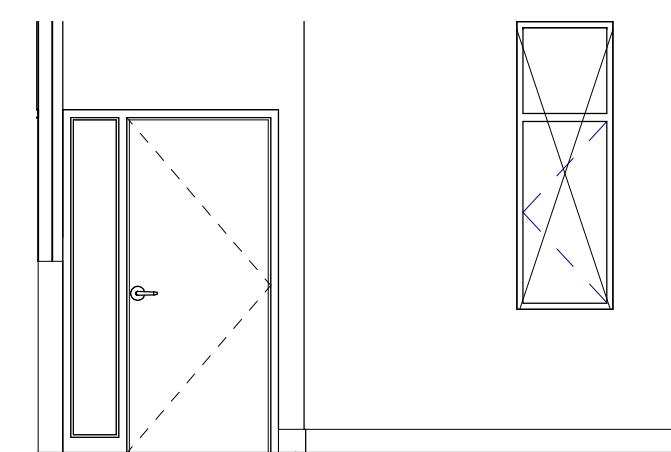
6 ADMINISTRATION 110 - EAST  
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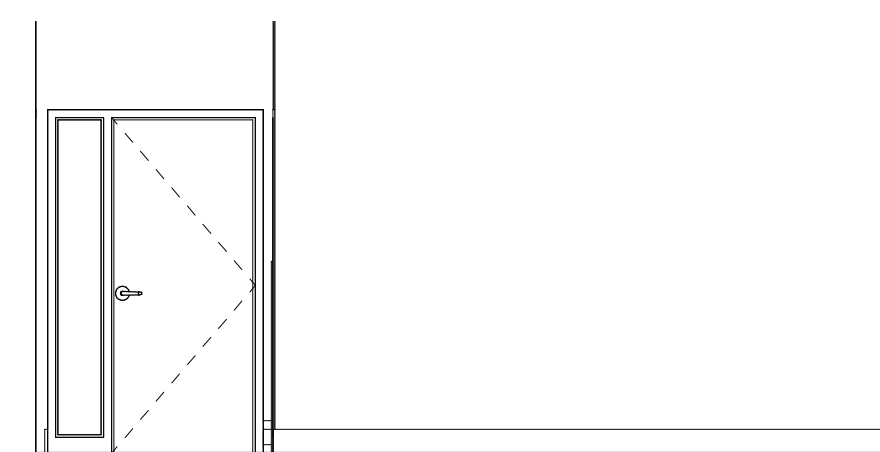
5 ADMINISTRATION 110 - NORTH  
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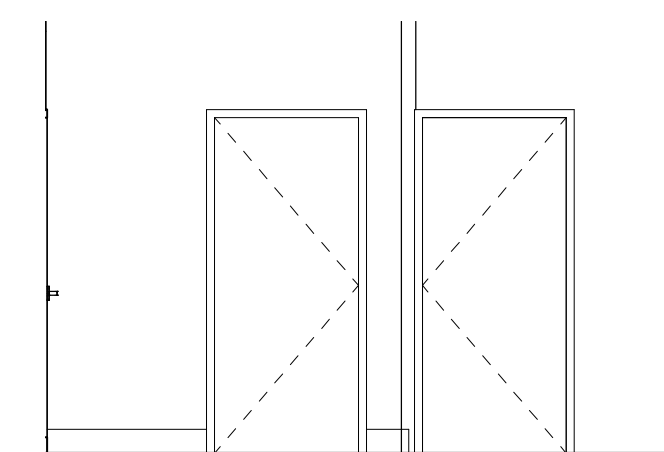
4 STAFF 107 - WEST  
SCALE: 1/4" = 1'-0"



3 STAFF 107 - SOUTH  
SCALE: 1/4" = 1'-0"



2 STAFF 107 - EAST  
SCALE: 1/4" = 1'-0"



1 STAFF 107 - NORTH  
SCALE: 1/4" = 1'-0"

STAMP

PROJECT ADDRESS  
217 ARLINGTON AVE.  
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CONTACT: KAREN MAR  
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STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANZ  
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CIVIL: BKF ENGINEERS  
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WALNUT CREEK, CA 94596  
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MONTEREY, CA 93940  
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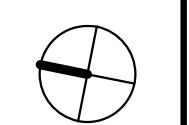
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
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SAN FRANCISCO, CA 94103  
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ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS



A605

STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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KENSINGTON, CA 94707  
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SAN FRANCISCO, CA 94117  
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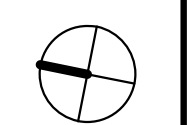
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NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021

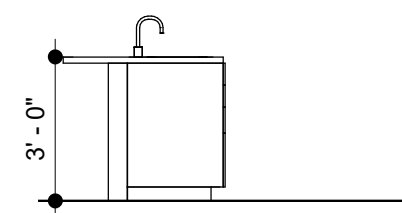
JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS

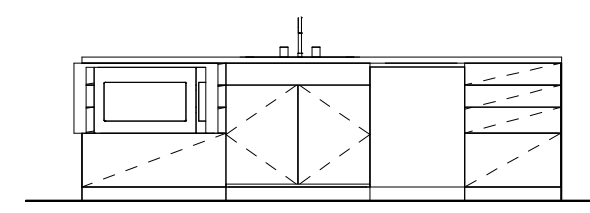


**A606**

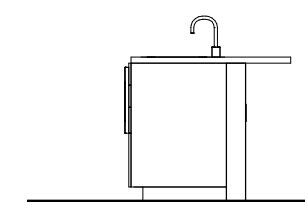
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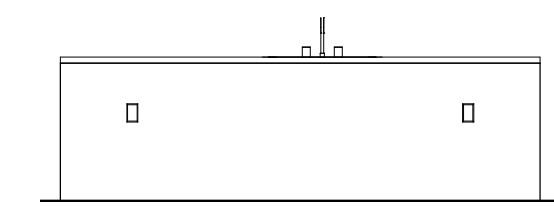
**8** KITCHEN/DINING 206 - ISLAND WEST  
SCALE: 1/4" = 1'-0"



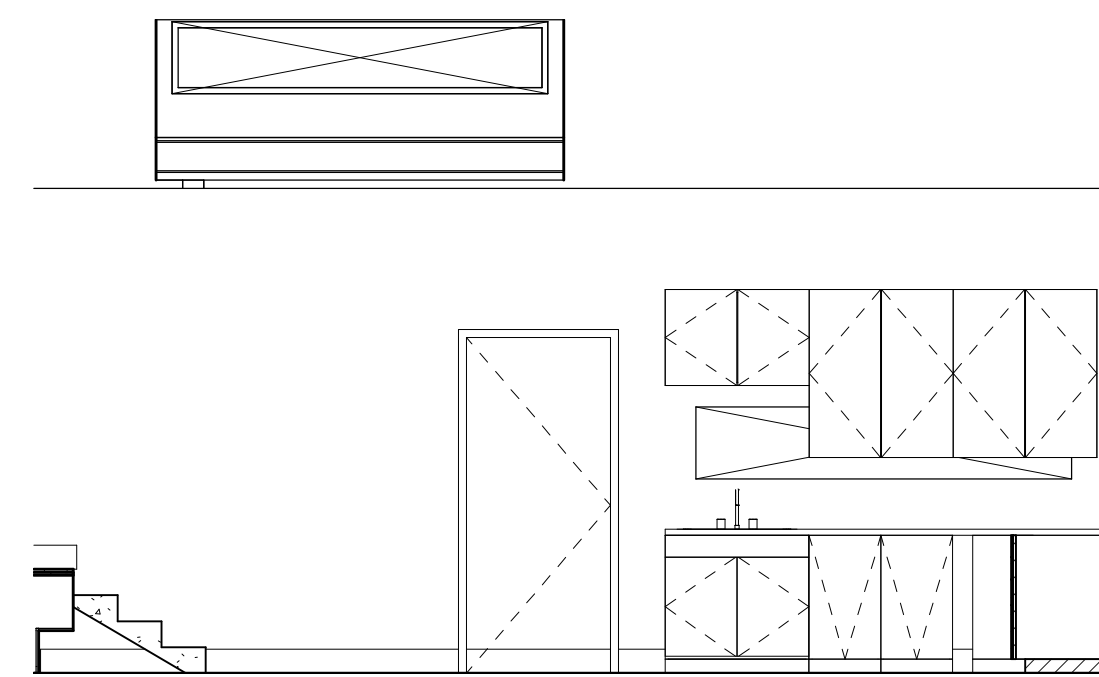
**7** KITCHEN/DINING 206 - ISLAND SOUTH  
SCALE: 1/4" = 1'-0"



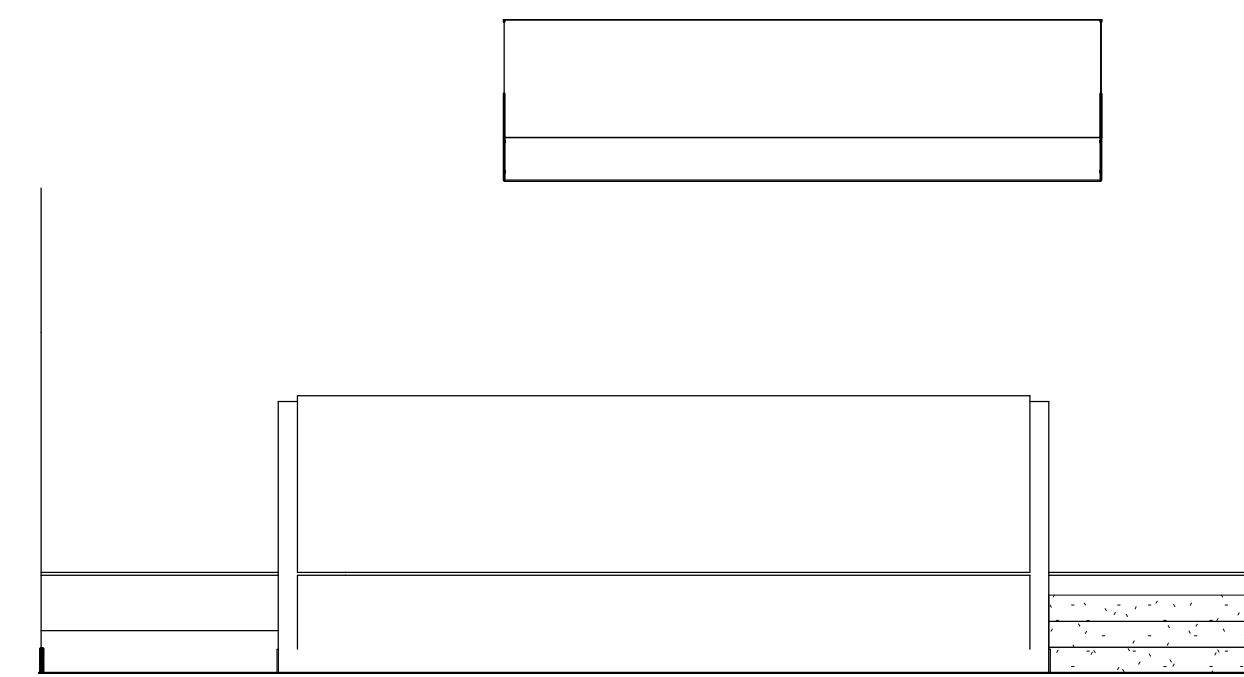
**6** KITCHEN/DINING 206 - ISLAND EAST  
SCALE: 1/4" = 1'-0"



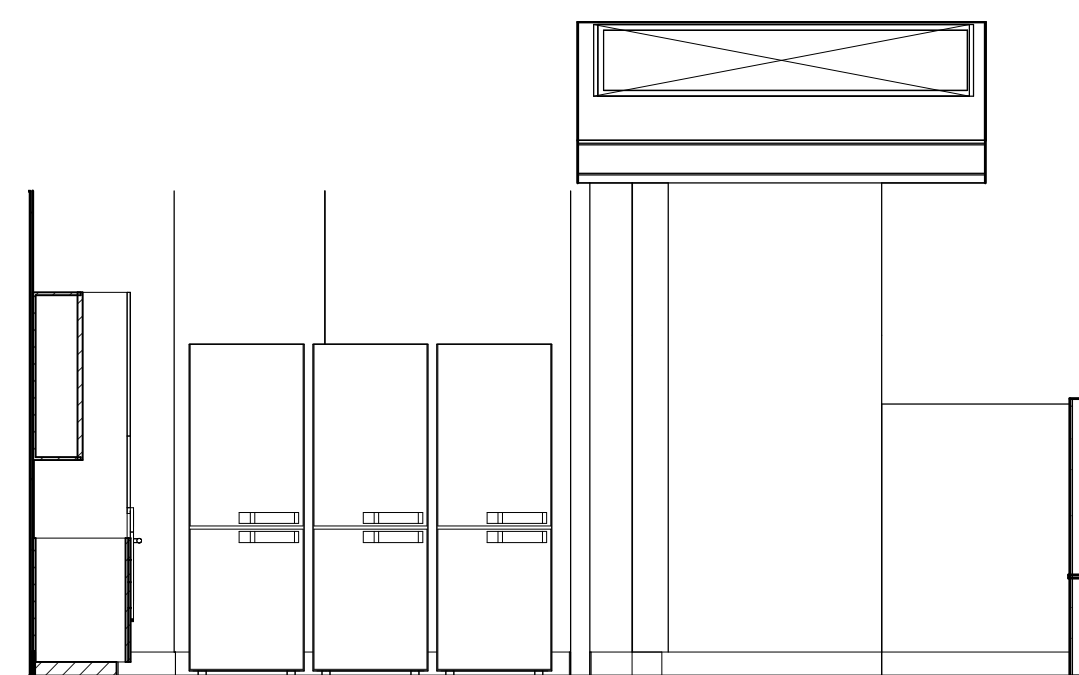
**5** KITCHEN/DINING 206 - ISLAND NORTH  
SCALE: 1/4" = 1'-0"



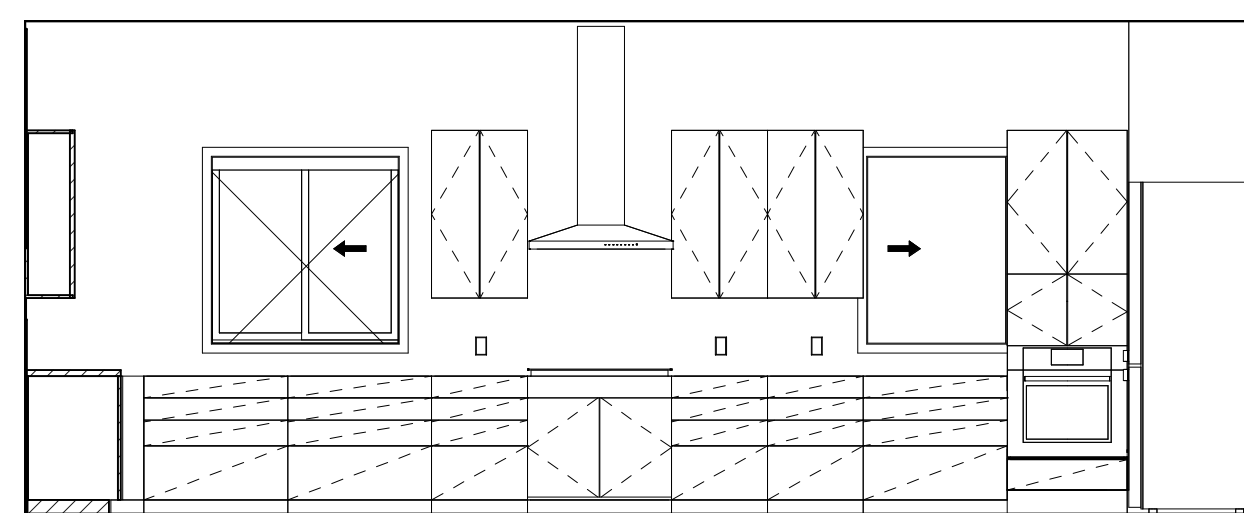
**4** KITCHEN/DINING 206 - WEST  
SCALE: 1/4" = 1'-0"



**3** KITCHEN/DINING 206 - SOUTH  
SCALE: 1/4" = 1'-0"

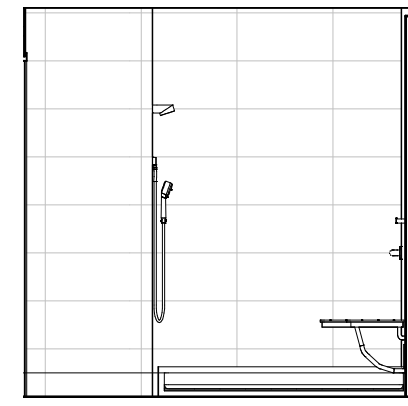


**2** KITCHEN/DINING 206 - EAST  
SCALE: 1/4" = 1'-0"

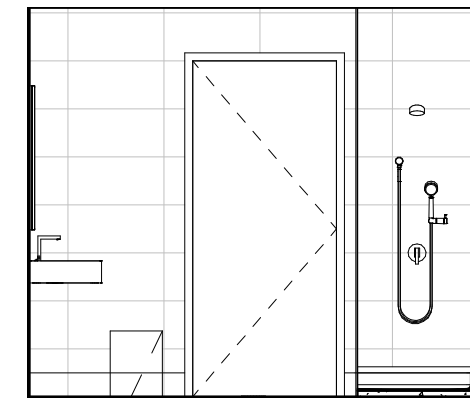


**1** KITCHEN/DINING 206 - NORTH  
SCALE: 1/4" = 1'-0"

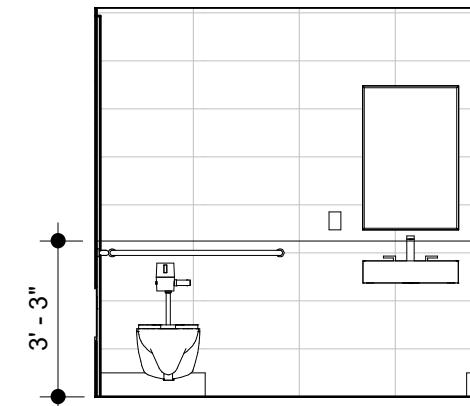




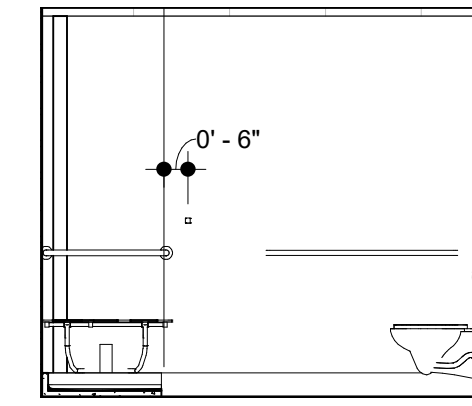
16 BATH 2 216 - WEST  
SCALE: 1/4" = 1'-0"



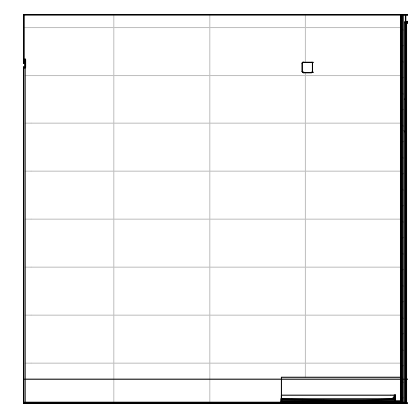
15 BATH 2 216 - SOUTH  
SCALE: 1/4" = 1'-0"



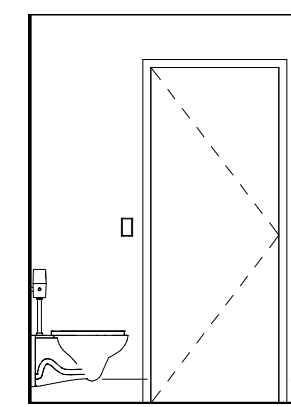
14 BATH 2 216 - EAST  
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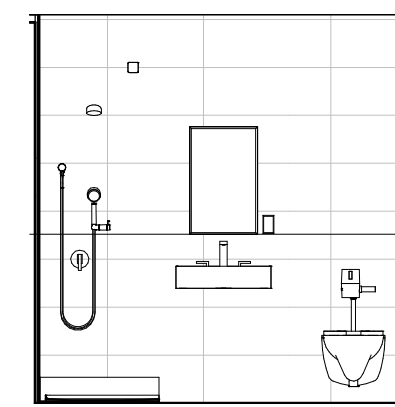
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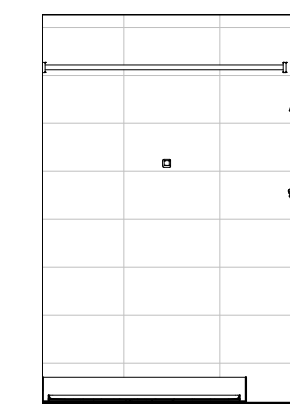
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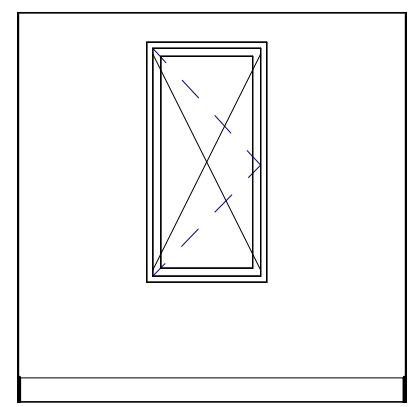
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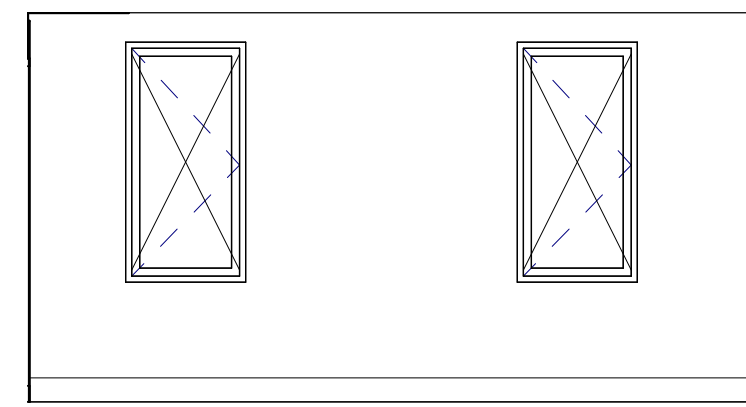
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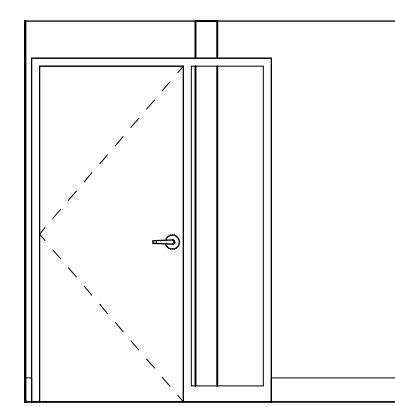
9 BATH 1 215 - NORTH  
SCALE: 1/4" = 1'-0"



8 CAPTAINS OFFICE 205 - WEST  
SCALE: 1/4" = 1'-0"



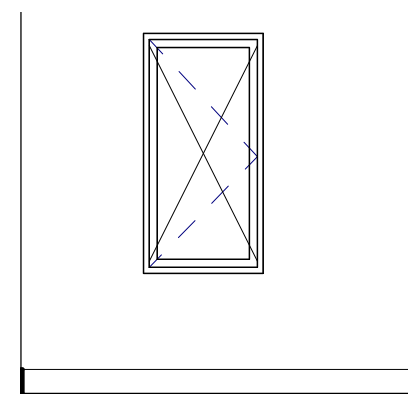
7 CAPTAINS OFFICE 205 - SOUTH  
SCALE: 1/4" = 1'-0"



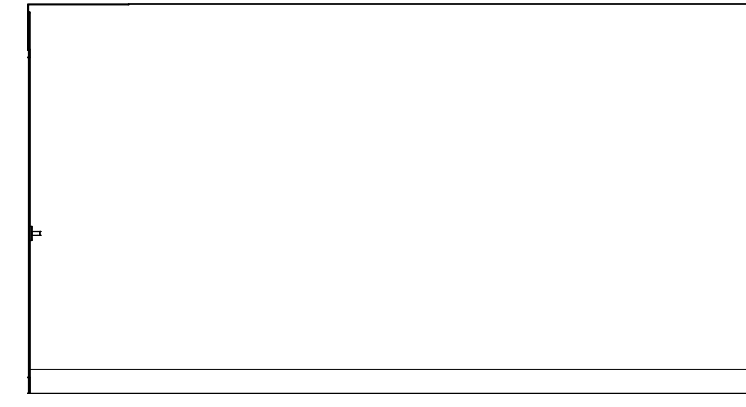
6 CAPTAINS OFFICE 205 - EAST  
SCALE: 1/4" = 1'-0"



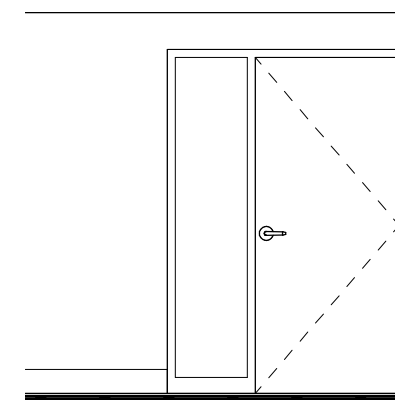
5 CAPTAINS OFFICE 205 - NORTH  
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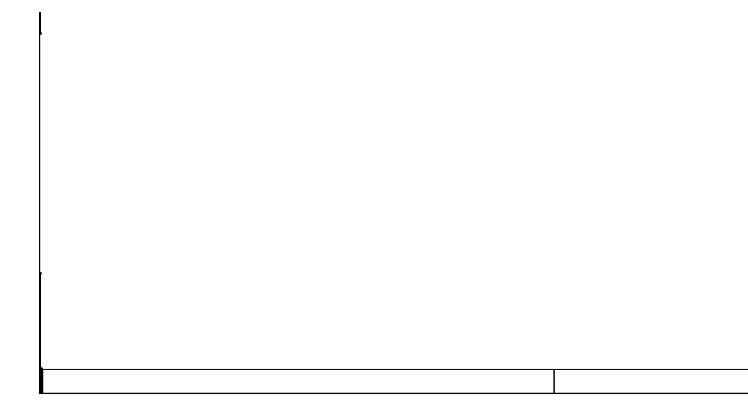
4 OFFICE 1 204 - WEST  
SCALE: 1/4" = 1'-0"



3 OFFICE 1 204 - SOUTH  
SCALE: 1/4" = 1'-0"



2 OFFICE 1 204 - EAST  
SCALE: 1/4" = 1'-0"



1 OFFICE 1 204 - NORTH  
SCALE: 1/4" = 1'-0"

STAMP

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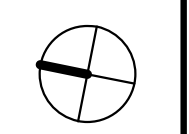
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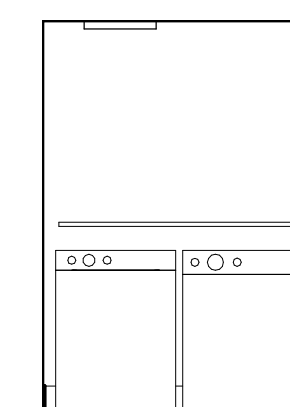
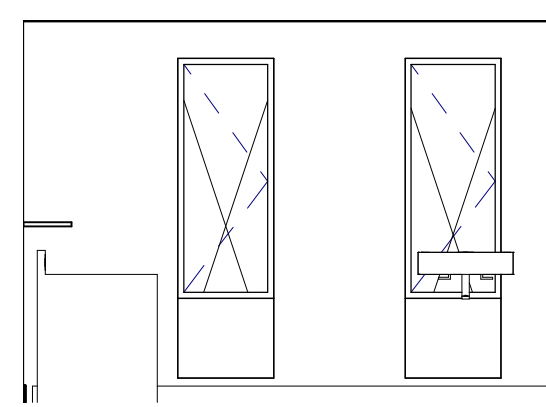
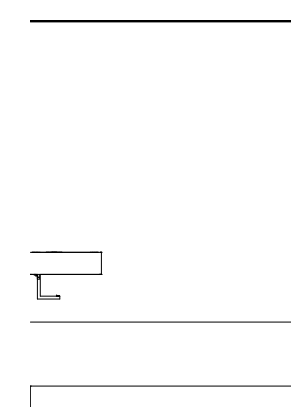
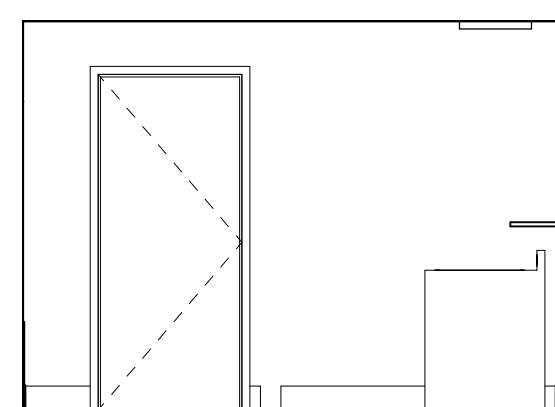
NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS



A607

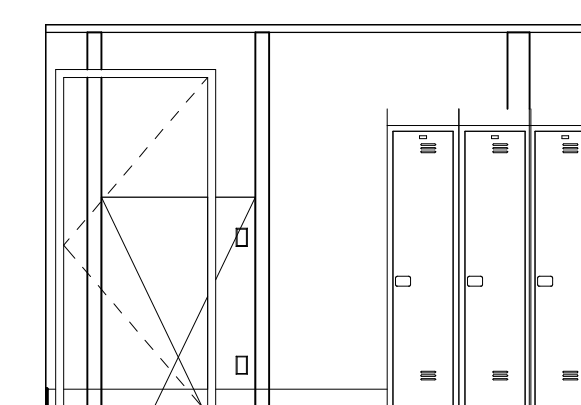
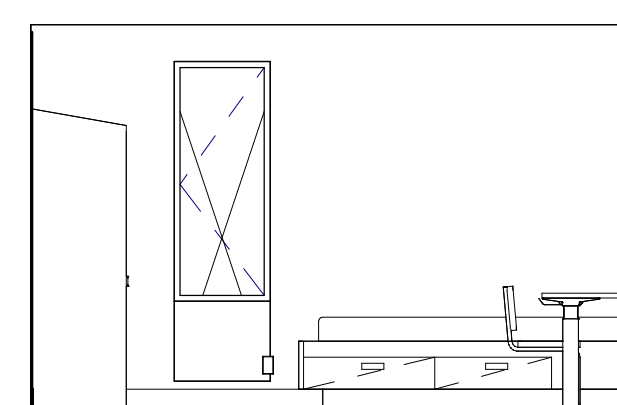
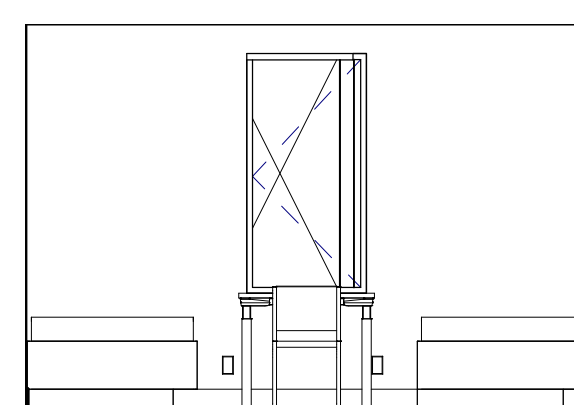
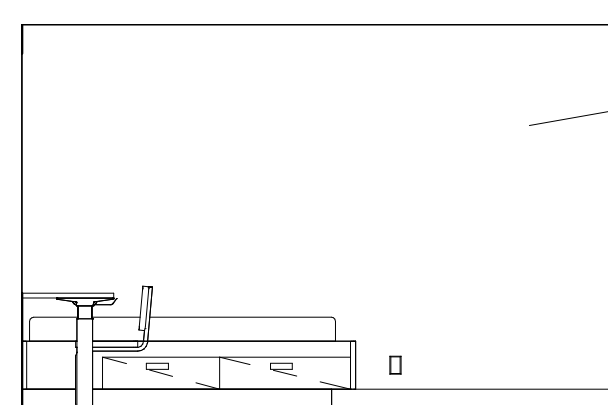


16 LAUNDRY 217 - WEST  
SCALE: 1/4" = 1'-0"

15 LAUNDRY 217 - SOUTH  
SCALE: 1/4" = 1'-0"

14 LAUNDRY 217 - EAST  
SCALE: 1/4" = 1'-0"

13 LAUNDRY 217 - NORTH  
SCALE: 1/4" = 1'-0"

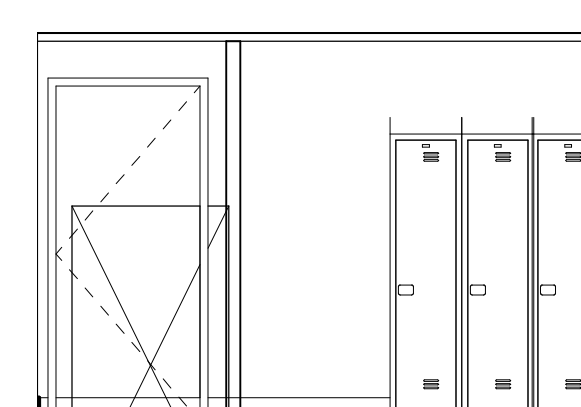
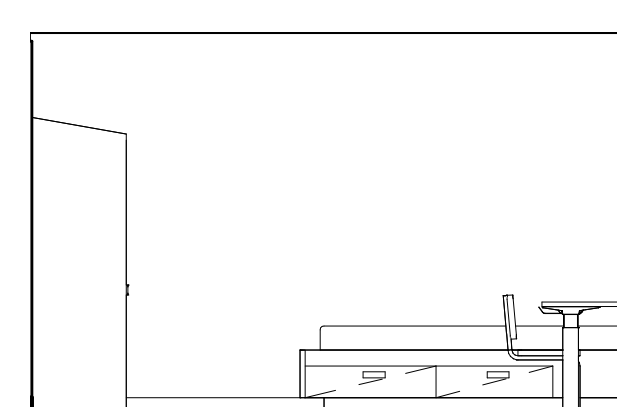
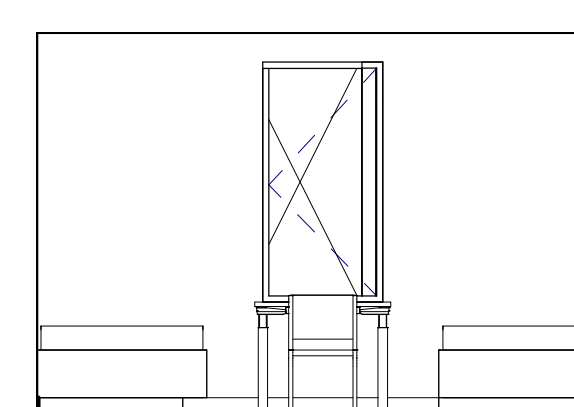
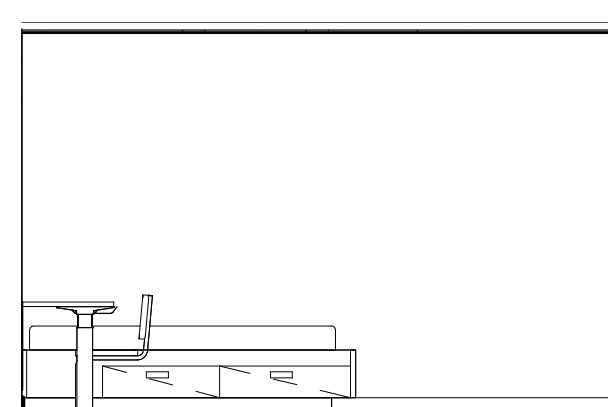


12 DORM 3 214 - WEST  
SCALE: 1/4" = 1'-0"

11 DORM 3 214 - SOUTH  
SCALE: 1/4" = 1'-0"

10 DORM 3 214 - EAST  
SCALE: 1/4" = 1'-0"

9 DORM 3 214 - NORTH  
SCALE: 1/4" = 1'-0"

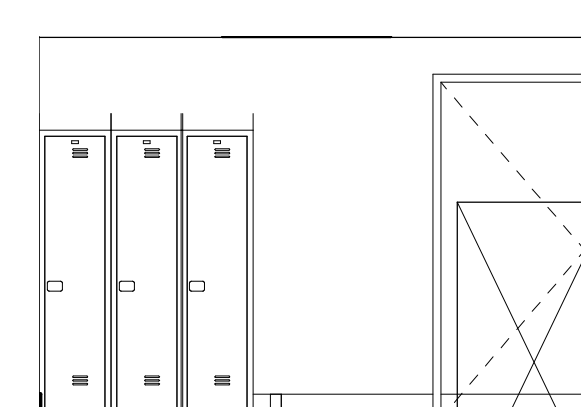
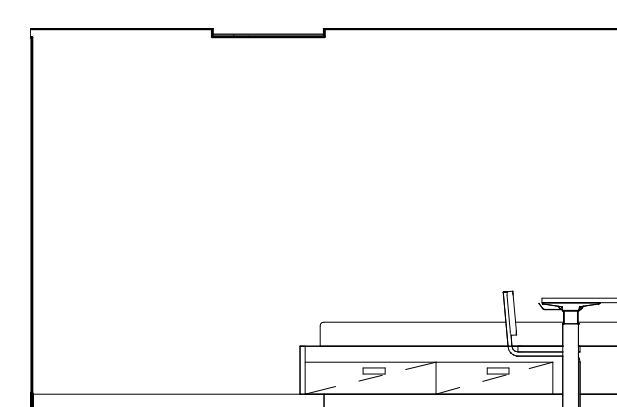
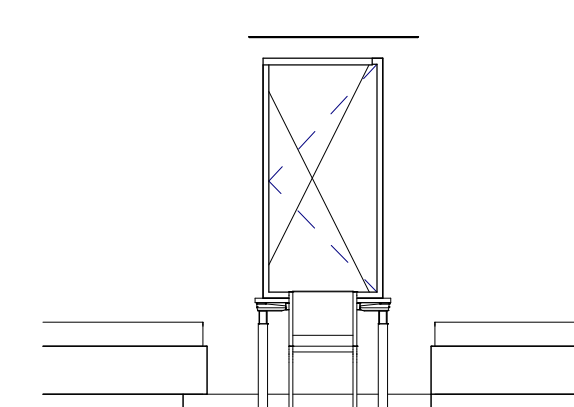
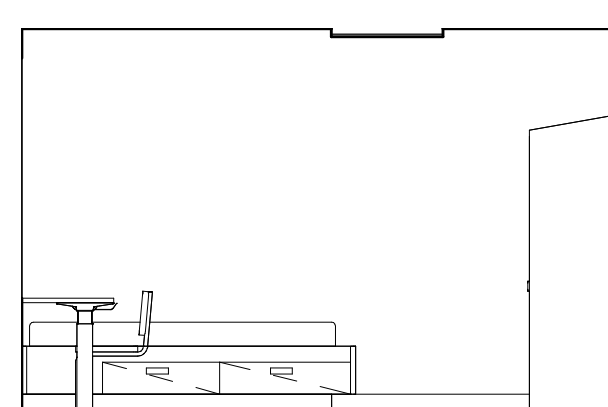


8 DORM 2 213 - WEST  
SCALE: 1/4" = 1'-0"

7 DORM 2 213 - SOUTH  
SCALE: 1/4" = 1'-0"

6 DORM 2 213 - EAST  
SCALE: 1/4" = 1'-0"

5 DORM 2 213 - NORTH  
SCALE: 1/4" = 1'-0"



4 DORM 1 212 - WEST  
SCALE: 1/4" = 1'-0"

3 DORM 1 212 - SOUTH  
SCALE: 1/4" = 1'-0"

2 DORM 1 212 - EAST  
SCALE: 1/4" = 1'-0"

1 DORM 1 212 - NORTH  
SCALE: 1/4" = 1'-0"

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 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

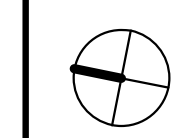
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

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

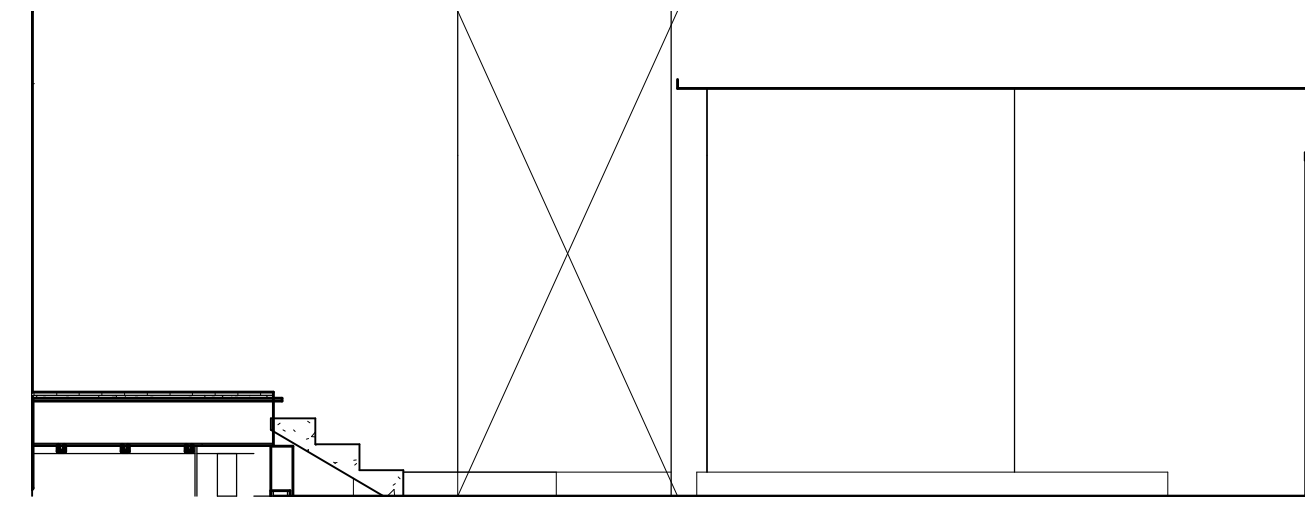
NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

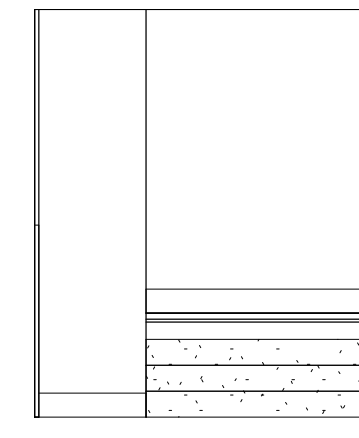
DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS



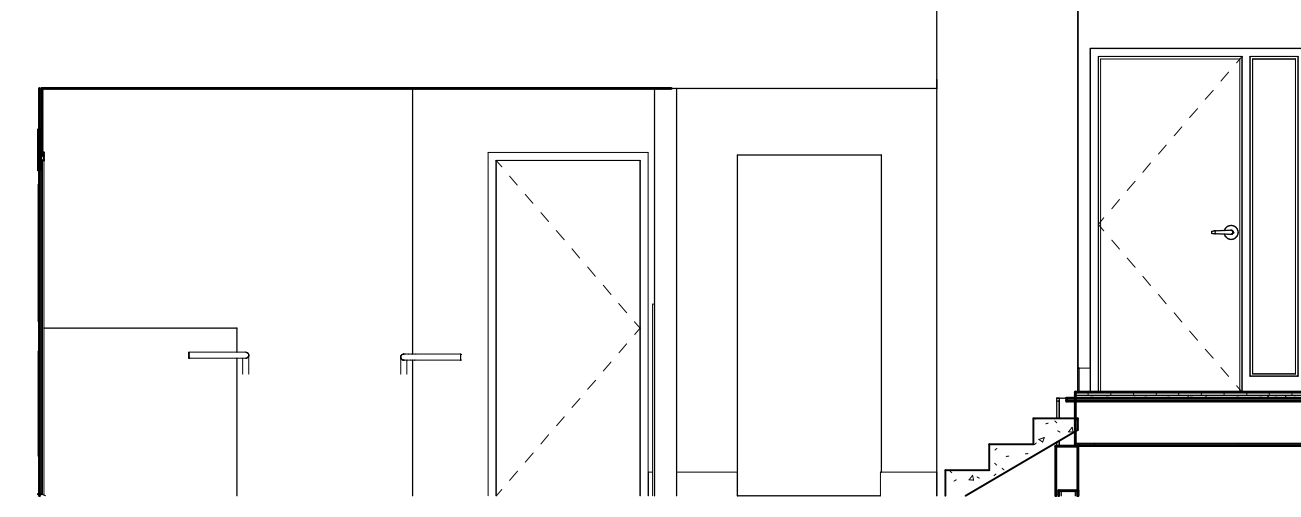
A608



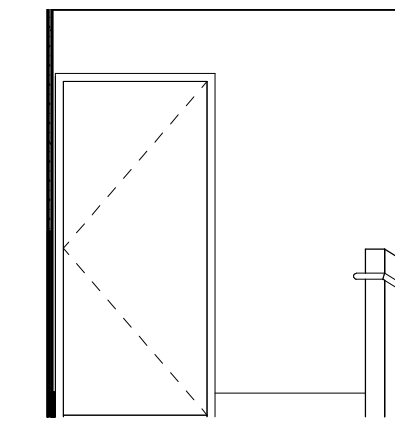
8 HALL 2 208 - WEST  
SCALE: 1/4" = 1'-0"



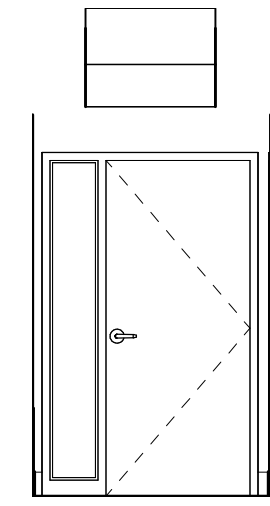
7 HALL 2 208 - SOUTH  
SCALE: 1/4" = 1'-0"



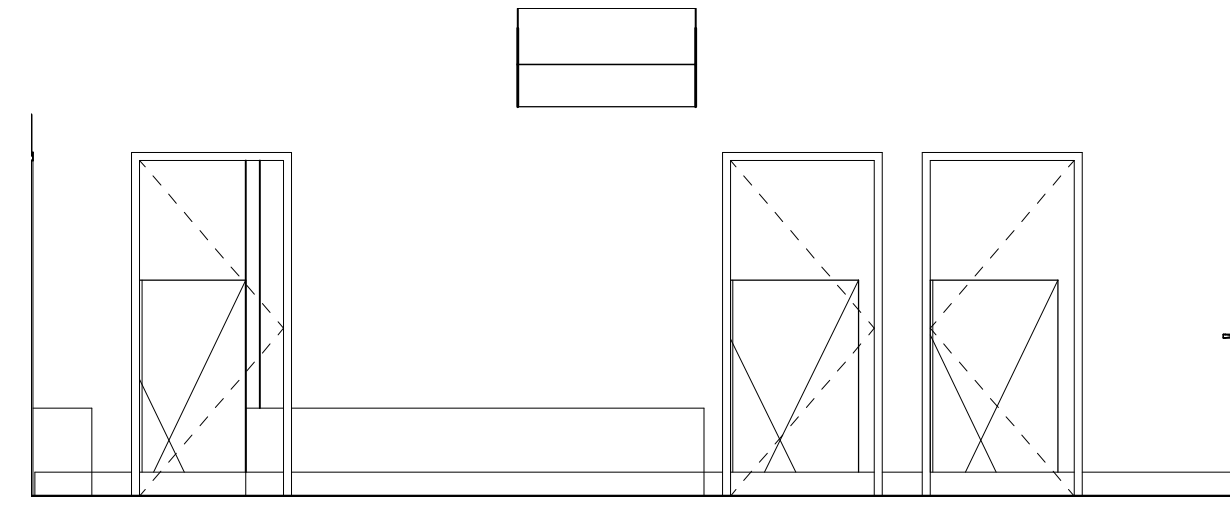
6 HALL 2 208 - EAST  
SCALE: 1/4" = 1'-0"



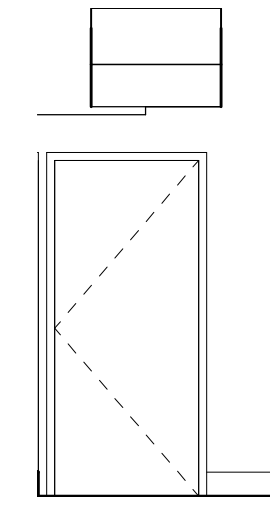
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SCALE: 1/4" = 1'-0"



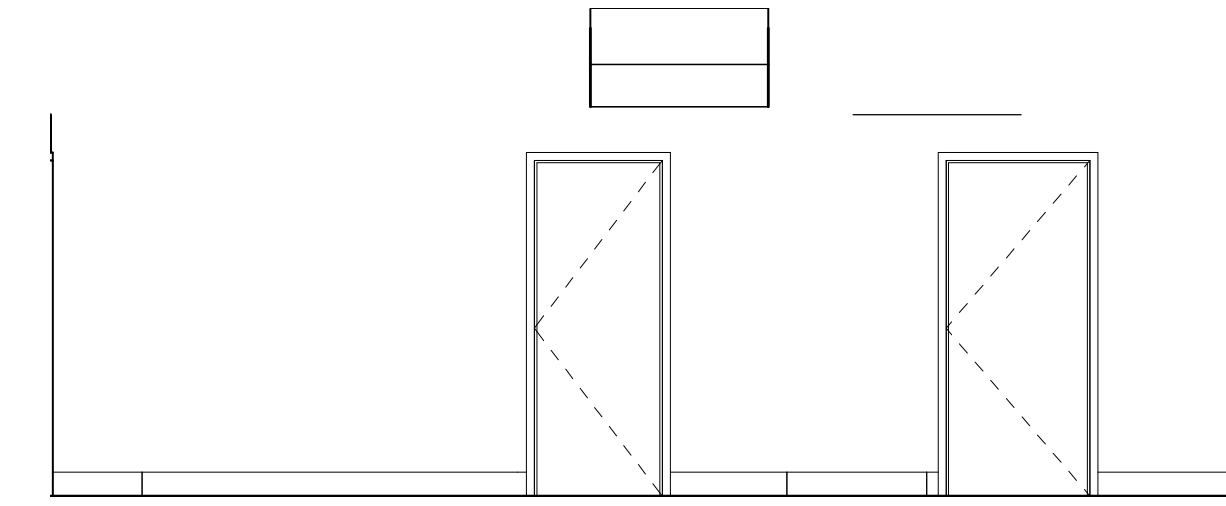
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SCALE: 1/4" = 1'-0"



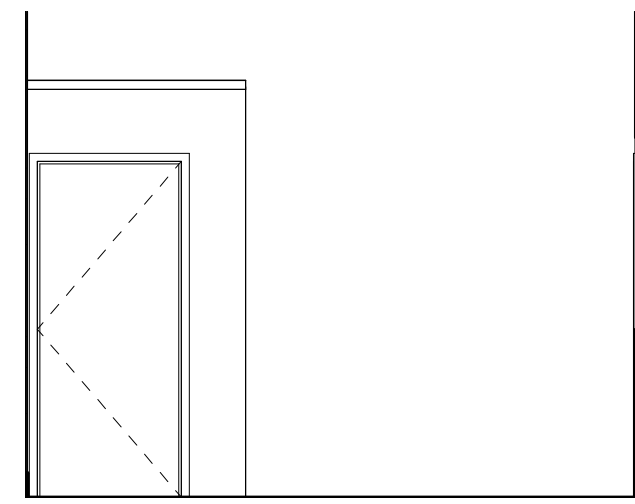
11 HALL 3 211 - SOUTH  
SCALE: 1/4" = 1'-0"



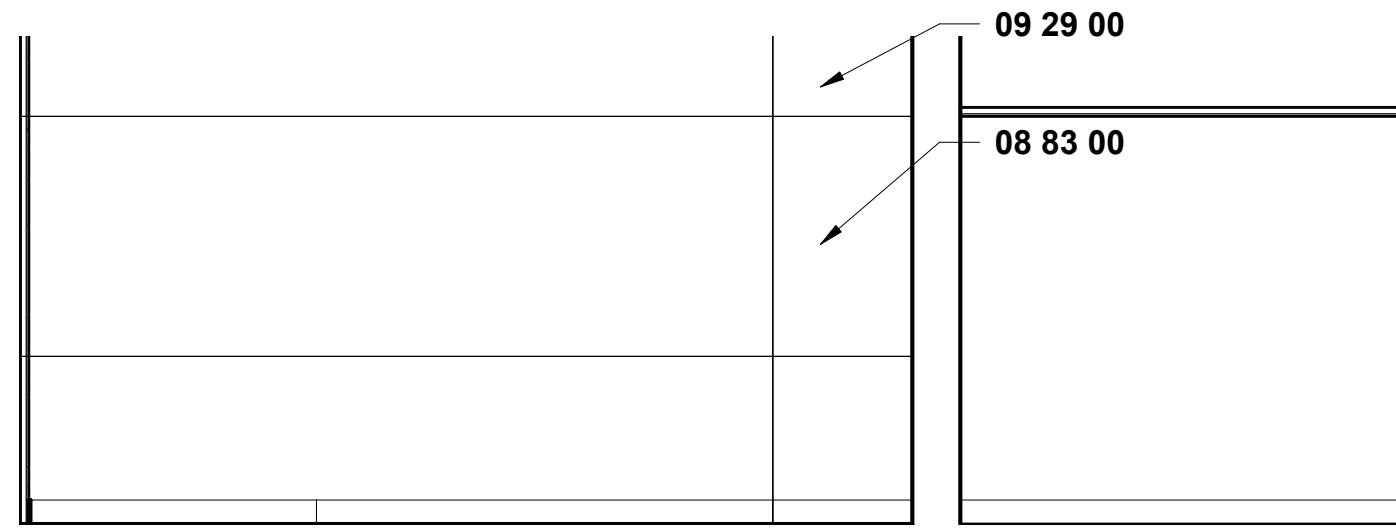
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SCALE: 1/4" = 1'-0"



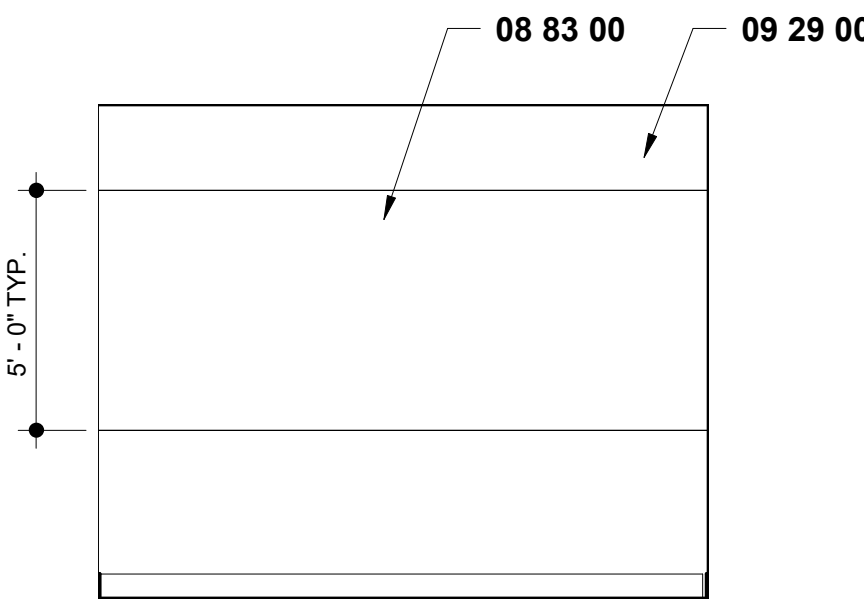
9 HALL 3 211 - NORTH  
SCALE: 1/4" = 1'-0"



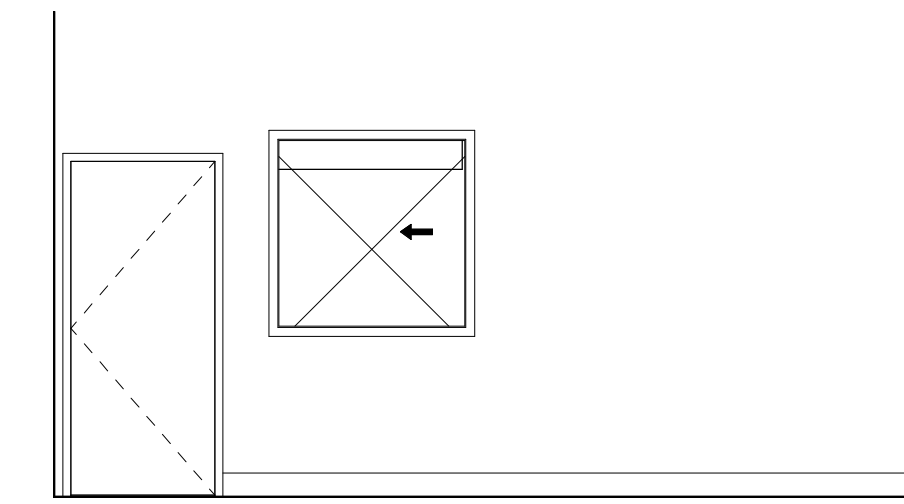
16 EXERCISE 209 - WEST  
SCALE: 1/4" = 1'-0"



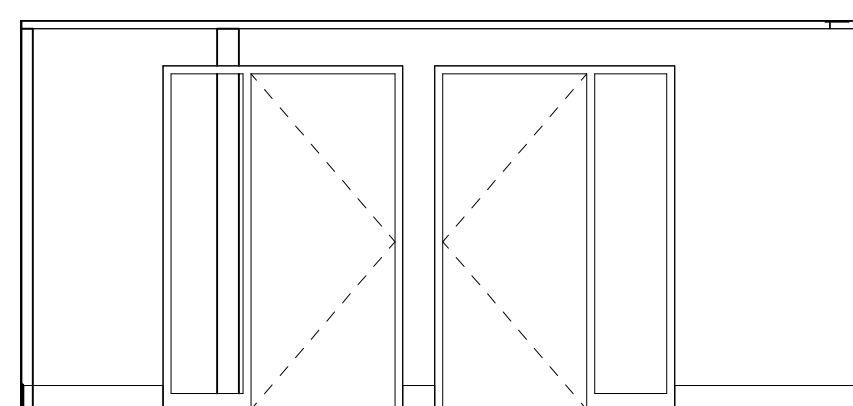
15 EXERCISE 209 - SOUTH  
SCALE: 1/4" = 1'-0"



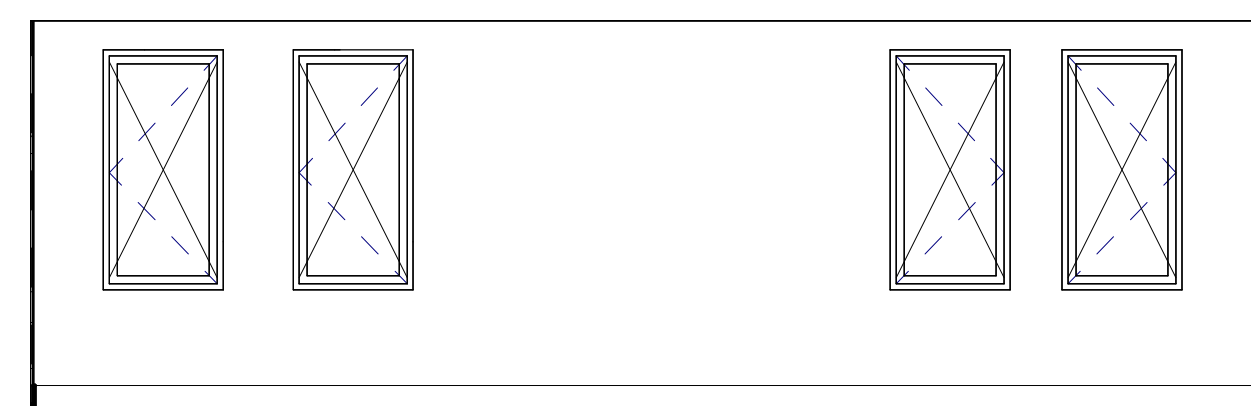
14 EXERCISE 209 - EAST  
SCALE: 1/4" = 1'-0"



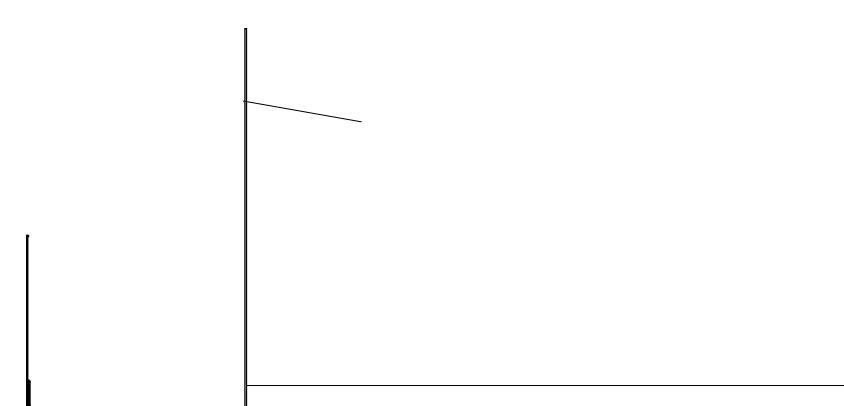
13 EXERCISE 209 - NORTH  
SCALE: 1/4" = 1'-0"



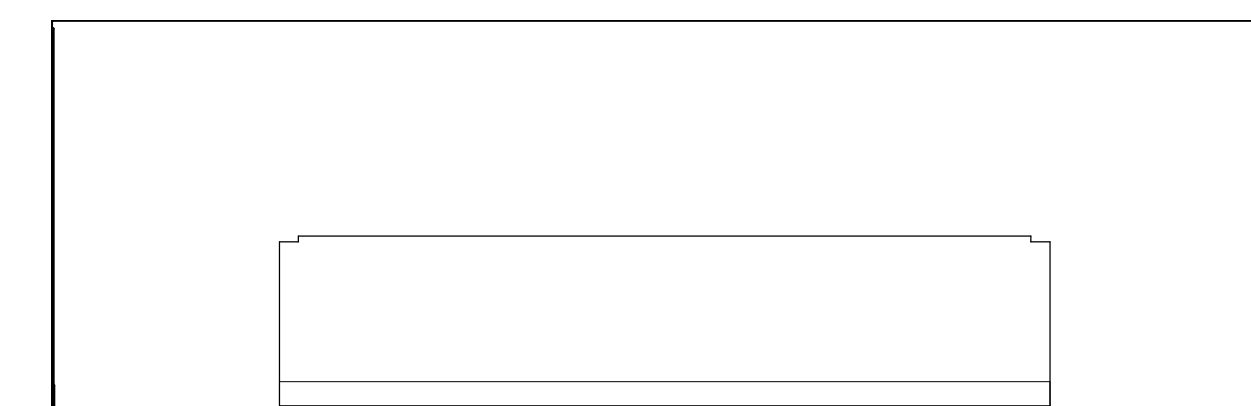
4 DAYROOM 207 - WEST  
SCALE: 1/4" = 1'-0"



3 DAYROOM 207 - SOUTH  
SCALE: 1/4" = 1'-0"



2 DAYROOM 207 - EAST  
SCALE: 1/4" = 1'-0"



1 DAYROOM 207 - NORTH  
SCALE: 1/4" = 1'-0"

STAMP

PROJECT ADDRESS  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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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  
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

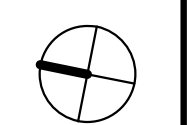
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

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

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS



A609







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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SAN FRANCISCO, CA 94117  
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1390 EL CAMINO REAL STE 100  
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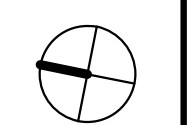
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
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SAN FRANCISCO, CA 94103  
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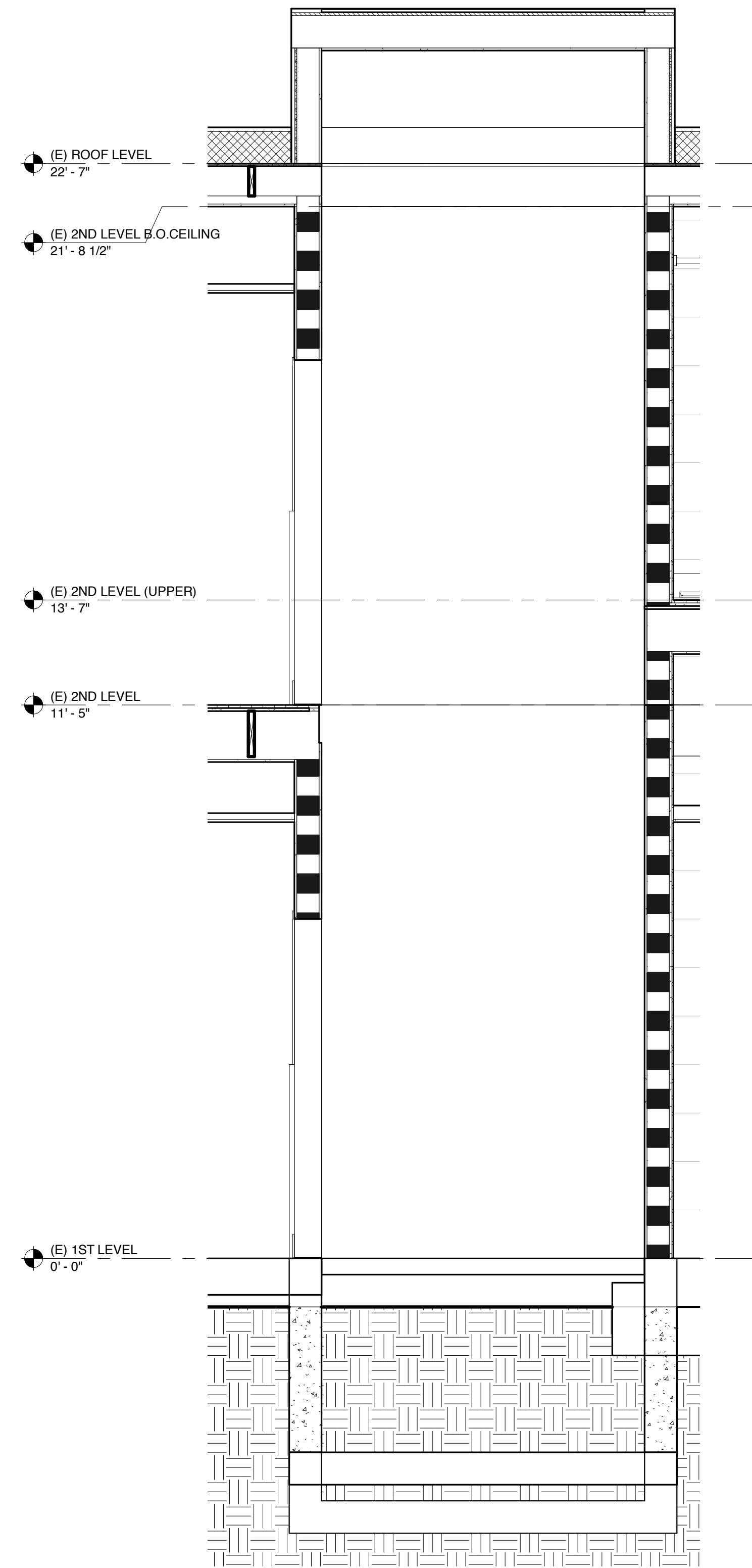
NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
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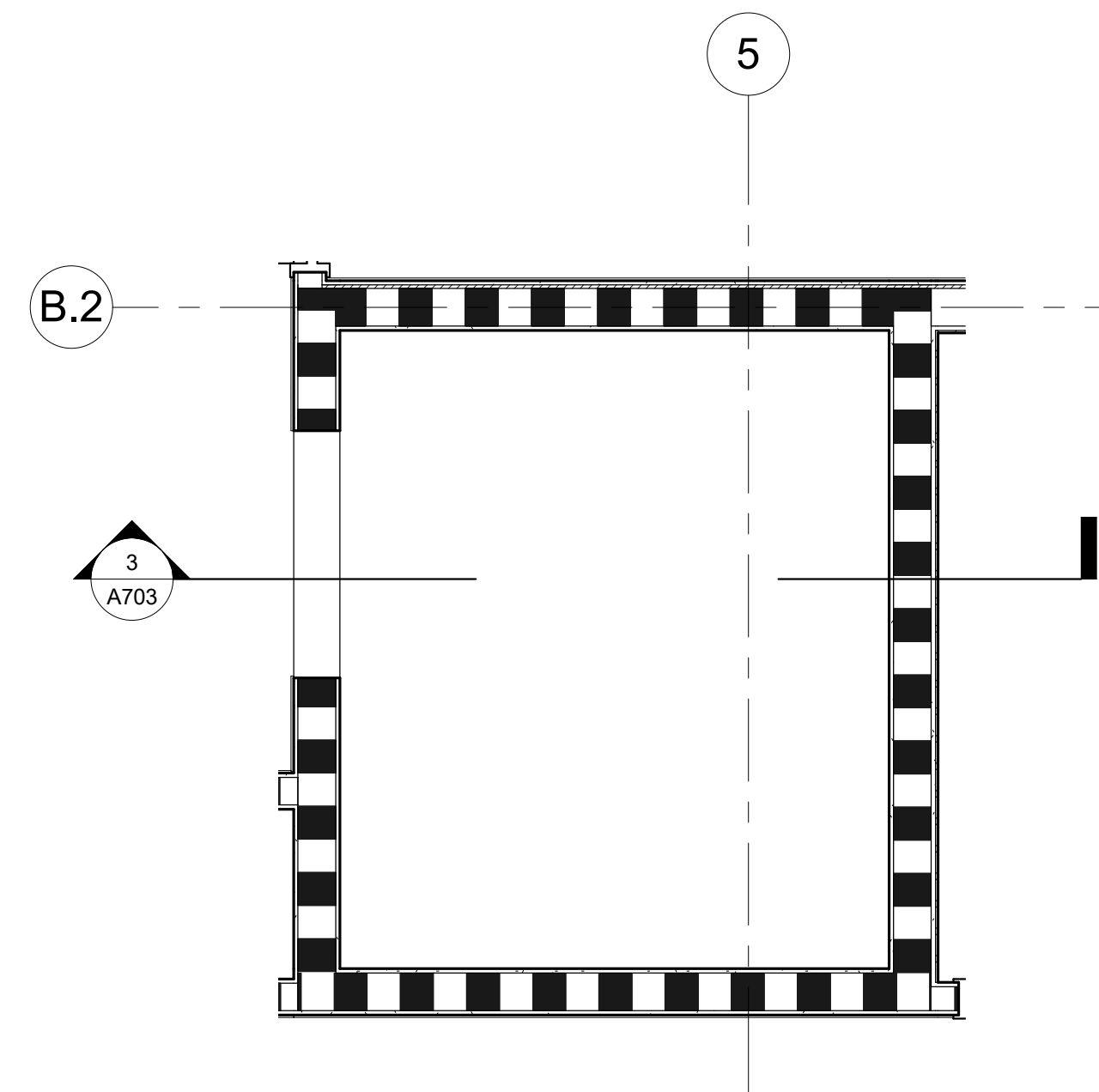
DESCRIPTION  
ENLARGED ELEVATOR PLAN, SECTION &  
DETAILS



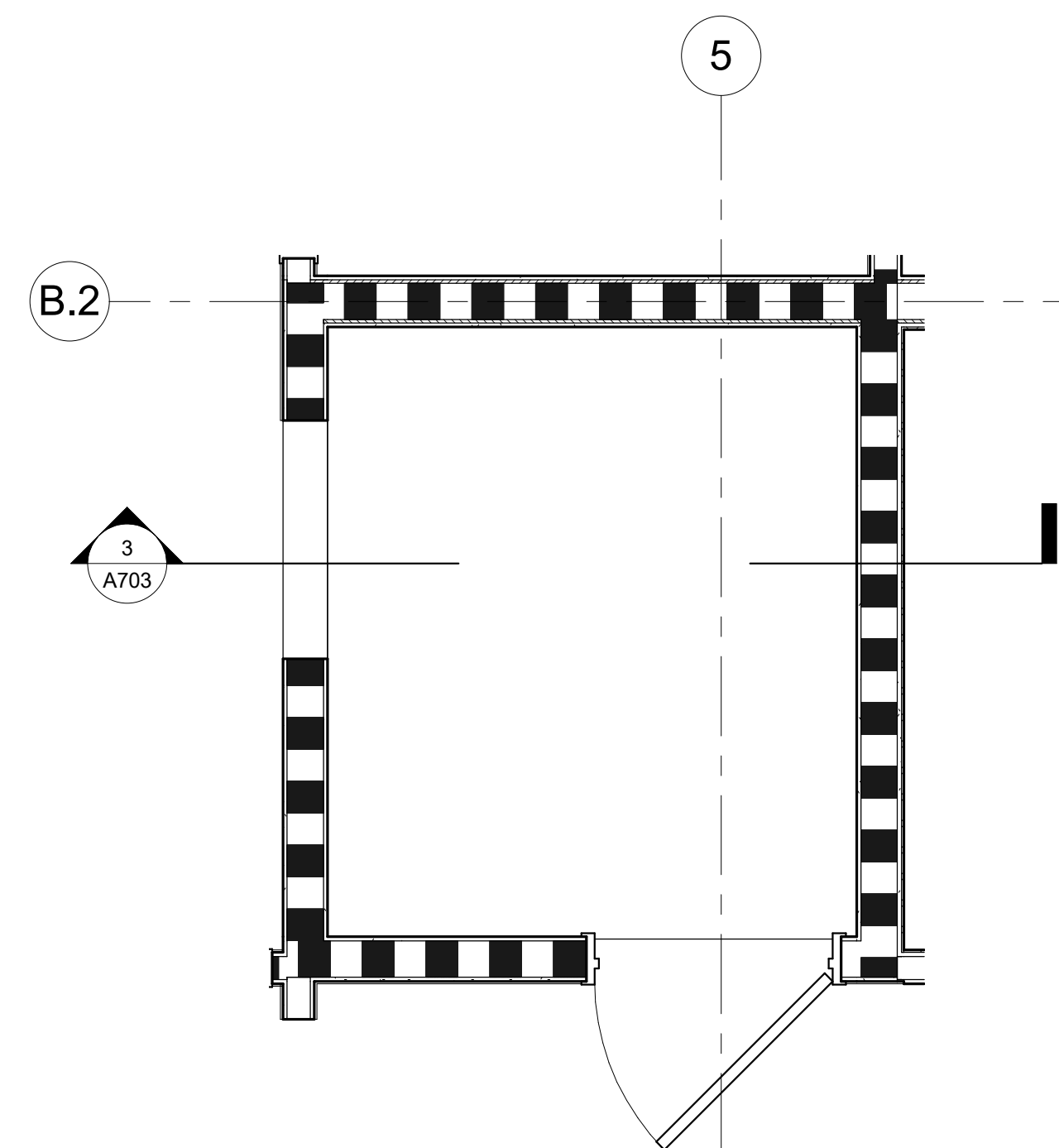
**A703**



**3** ELEVATOR SECTION  
SCALE: 1/2" = 1'-0"



**2** ELEVATOR ENLARGED PLAN - 2ND LEVEL  
SCALE: 1/2" = 1'-0"



**1** ELEVATOR ENLARGED PLAN - 1ST LEVEL  
SCALE: 1/2" = 1'-0"



STAMP

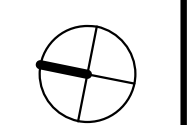
PROJECT ADDRESS  
**217 ARLINGTON AVE.  
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 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064  
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 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 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  
 CONTACT: ERIC SWANSON  
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 1966 WEBSTER ST #300  
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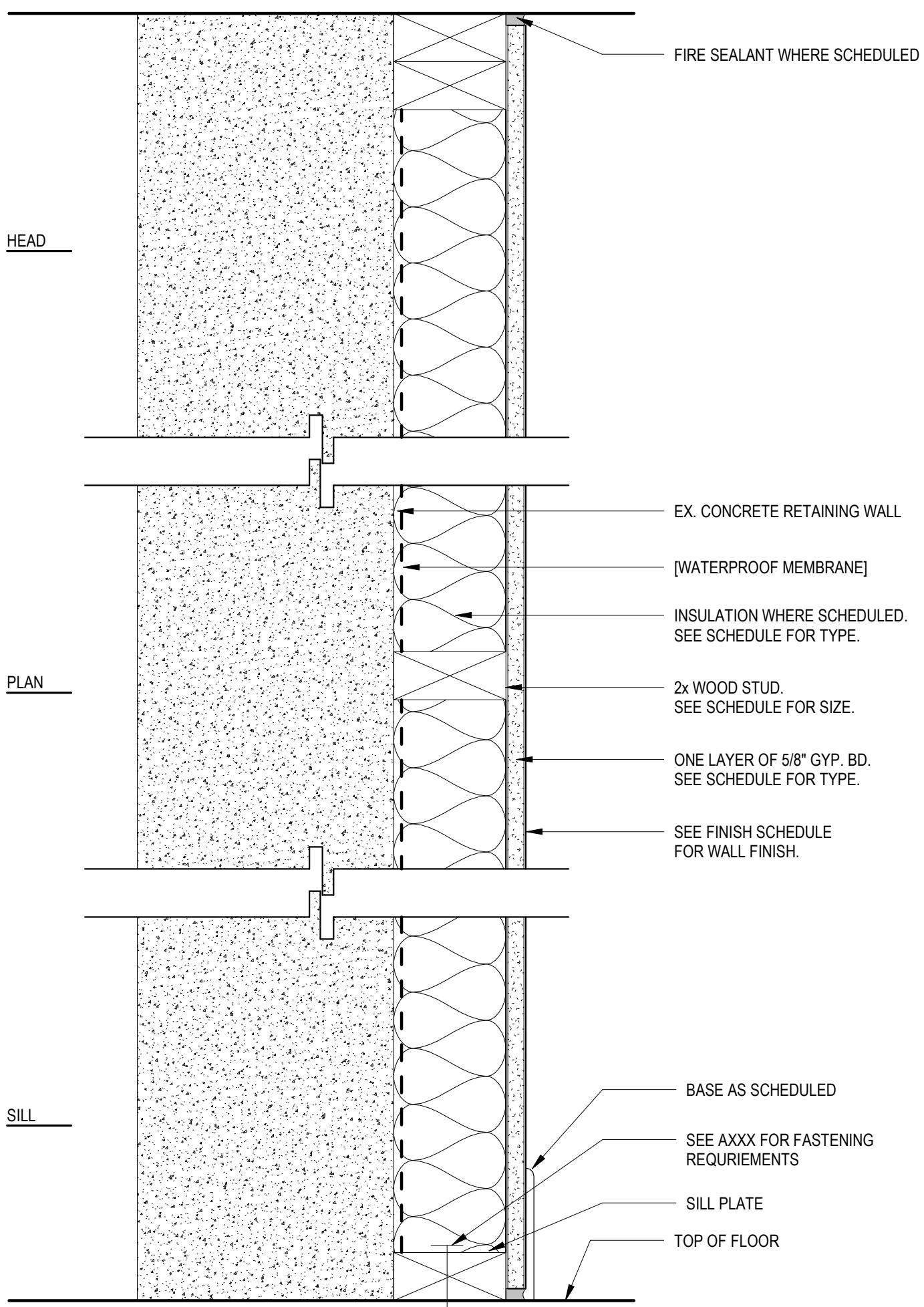
JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 INTERIOR DETAILS



**A901**

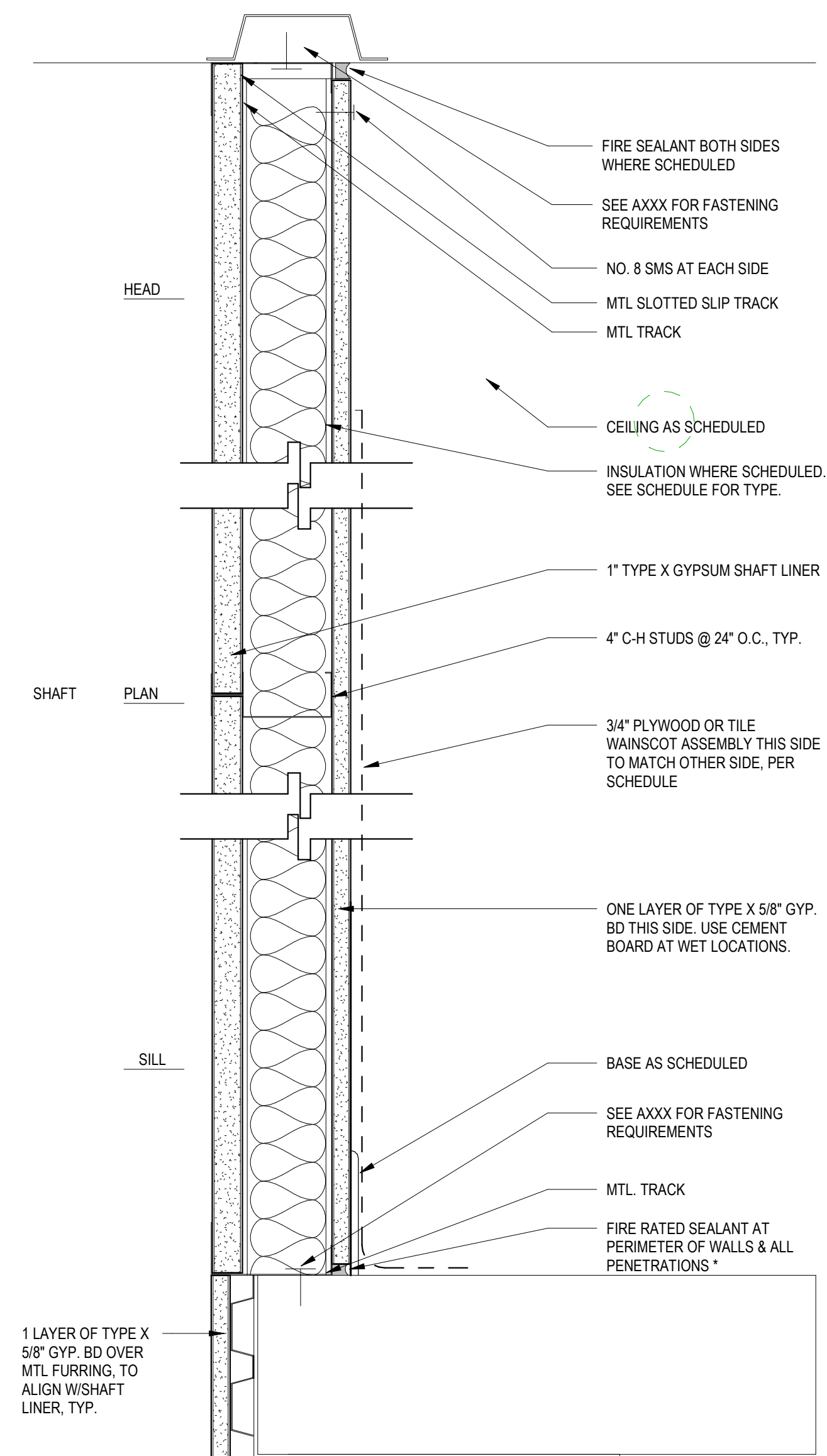
NOTE:  
 A. FOR ALL WALL TYPE LOCATIONS, SEE SHEET A2.02 AND A2.04.  
 B. METAL STUDS SHALL BE 16 GA. 16" O.C. UON.  
 C. SEE STRUCTURAL DRAWINGS FOR LIGHT GAGE METAL STUD WALL FRAMING, CONNECTIONS AND DETAILING.  
 D. SEE STRUCTURAL DRAWINGS FOR EXTERIOR AND INTERIOR SHEAR WALLS, SHEAR WALL TYPES NOT SHOWN ON THESE WALL TYPES.  
 E. FOR BACKING PLATE TYPES, SEE DETAILS ON SHEET A9.01.  
 F. FOR CONNECTIONS TO DECKS, ROOFING, SEE DETAILS ON SHEET A9.01.  
 G. PER CBC 1207, SOUND TRANSMISSION RATINGS FOR ALL WALL ASSEMBLIES SHALL BE GREATER THAN STC 50 WHEN BETWEEN DWELLING SPACE AND A PUBLIC OR OTHER OCCUPANCY.  
 H. SIDE OF ASSEMBLY PER DETAIL IS DEFINED ON PLAN WHERE SIDE OF TAG IS LOCATED (WALL ASSEMBLY FROM RIGHT TO LEFT)



**4 WALL TYPE D**  
 SCALE: 3" = 1'-0"

WALL TYPE	STUD SIZE	WIDTH	RATING	INSULATION	STC	ULF	GA FILE #	COMMENTS
D1	0'-4"	0'-4 1/4"						

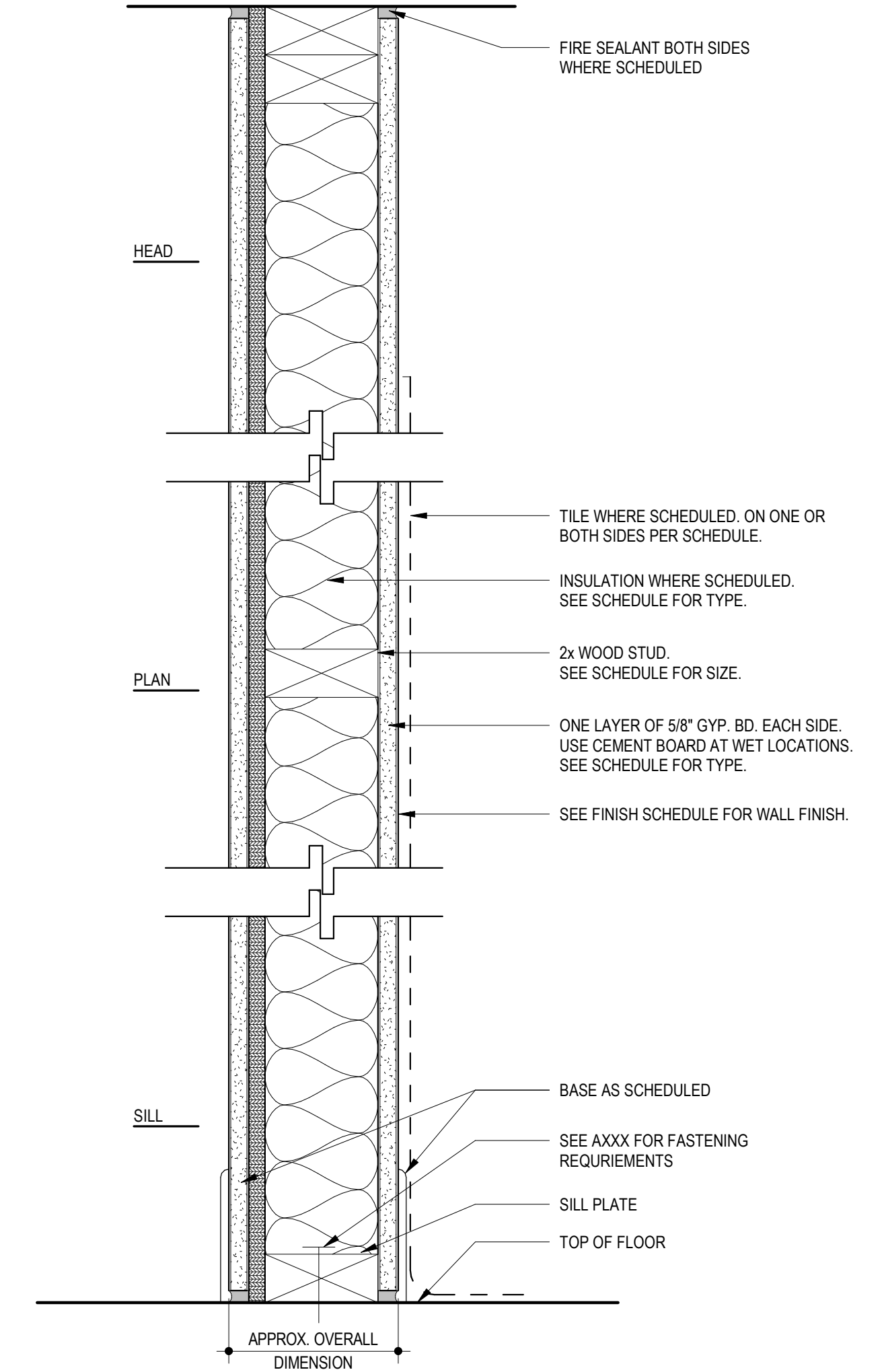
NOTE:  
 1. TILE ON (1) SIDE  
 2. TILE ON (2) SIDES  
 3. 1/2" PLYWOOD SHEATHING ON (1) SIDE  
 4. 1/2" PLYWOOD SHEATHING ON (2) SIDES



**3 WALL TYPE C**  
 SCALE: 3" = 1'-0"

WALL TYPE	STUD SIZE	WIDTH	RATING	INSULATION	STC	ULF	GA FILE #	COMMENTS
C1	0'-6"	0'-5 1/4"	1-HR	ACOUSTIC	Y			
C2	0'-6"	0'-5 3/4"	1-HR	ACOUSTIC	Y			NOTE 1

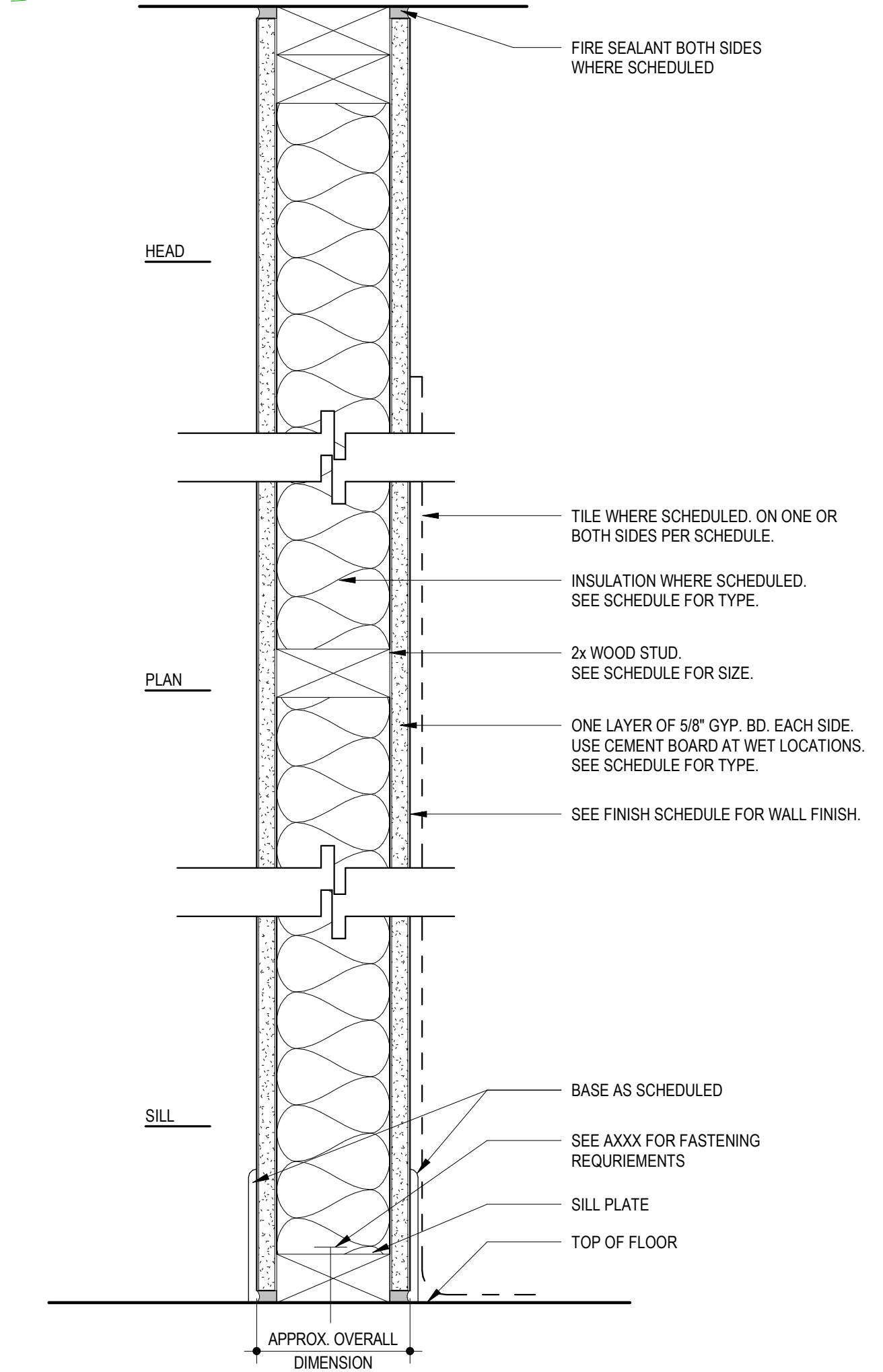
NOTE:  
 1. TILE ON (1) SIDE  
 2. TILE ON (2) SIDES  
 3. 1/2" PLYWOOD SHEATHING ON (1) SIDE  
 4. 1/2" PLYWOOD SHEATHING ON (2) SIDES



**2 WALL TYPE B**  
 SCALE: 3" = 1'-0"

WALL TYPE	STUD SIZE	WIDTH	RATING	ULF	INSULATION	STC	GA FILE #	COMMENTS
B1	0'-4"	0'-5 1/4"			ACOUSTIC	Y		NOTE 3
B2	0'-4"	0'-7 1/4"	1-HR		ACOUSTIC	Y		NOTE 3
B3	0'-6"	0'-7 3/4"			ACOUSTIC	Y		NOTE 1
B4	0'-6"	0'-7 3/4"	1-HR		ACOUSTIC	Y		NOTE 4
B5	0'-6"	0'-8 1/4"			ACOUSTIC	Y		NOTE 1, NOTE 4

NOTE:  
 1. TILE ON (1) SIDE  
 2. TILE ON (2) SIDES  
 3. 1/2" PLYWOOD SHEATHING ON (1) SIDE  
 4. 1/2" PLYWOOD SHEATHING ON (2) SIDES



**1 WALL TYPE A**  
 SCALE: 3" = 1'-0"

WALL TYPE	STUD SIZE	WIDTH	RATING	ULF	INSULATION	STC	GA FILE #	COMMENTS
A1	0'-4"	0'-4 3/4"			ACOUSTIC	Y		
A2	0'-4"	0'-4 3/4"			ACOUSTIC	Y		
A3	0'-4"	0'-5 1/4"			ACOUSTIC	Y		NOTE 1
A4	0'-4"	0'-4 3/4"	1-HR		ACOUSTIC	Y		
A5	0'-6"	0'-7 1/4"	1-HR		ACOUSTIC	Y		NOTE 1
A6	0'-6"	0'-4 3/4"	1-HR		ACOUSTIC	Y		NOTE 2
A7	0'-6"	0'-5 1/2"			ACOUSTIC	Y		NOTE 2
A8	0'-6"	0'-8 3/4"			ACOUSTIC	Y		
A9	0'-6"	0'-8 3/4"	1-HR		ACOUSTIC	Y		
A10	0'-4"	0'-5 1/4"	1-HR		ACOUSTIC	Y		NOTE 1

NOTE:  
 1. TILE ON (1) SIDE  
 2. TILE ON (2) SIDES  
 3. 1/2" PLYWOOD SHEATHING ON (1) SIDE  
 4. 1/2" PLYWOOD SHEATHING ON (2) SIDES



## H SHEAR WALL NOTES

- 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 11/S1.2 FOR NAIL STAGGER AT ALL 3x.
- FIELD NAILING TO BE 12"oc UNO.
- ALL SHEATHING NAILS TO BE COMMON WIRE. SEE E/S0.1 AND SPECIFICATIONS FOR OTHER NAIL REQUIREMENTS.
- ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS ON PLANS TO HAVE SHEATHING AND PEN NAILING PER SHEAR WALL TYPE "A".
- SHEAR WALL LENGTHS, WHERE NOTED, ARE MINIMUM. DO NOT LOCATE HOLDOWNS FROM THESE DIMENSIONS. SAD FOR ACTUAL WALL LENGTHS.
- HOLDOWN REFERS TO SIMPSON STRONG TIE CO. HOLDOWNS. INSTALL HOLDOWNS AND REQUIRED POSTS PER 8/S1.2 AND 9/S1.2. SEE PLANS FOR OTHER REQUIREMENTS.
- EDGE NAIL WALL SHEATHING TO STUDS OR POSTS WITH HOLDOWNS.
- 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.
- SHEAR WALLS MORE THAN ONE VERTICAL PANEL IN HEIGHT SHALL HAVE STAGGERED HORIZONTAL OR VERTICAL SPLICE JOINTS.
- 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.
- 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 3/4" LARGER THAN THE AB DIAMETER AND A SLOT LENGTH NOT TO EXCEED 1 1/4". PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT. PLATE WASHER TO EXTEND WITHIN 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 4 1/2" AND A MAXIMUM OF 12" FROM ENDS OF ALL SILL PLATES AND AT NOTCHES IN SILL PLATES.
- NO OPENINGS ARE ALLOWED IN SHEAR WALLS UNLESS SHOWN ON THE STRUCTURAL PLANS. OPENINGS NOTED ARE PER 6/S1.2. COORDINATE ANY OPENINGS NOT SHOWN WITH THE STRUCTURAL ENGINEER.

## F MATERIAL DATA

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

CONCRETE 28-DAY MINIMUM DESIGN STRENGTH:  
 $F'_c = 3,000$  PSI FOUNDATION (DESIGNED FOR 2,500 PSI)  
 $F'_c = 3,000$  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 ( $F_y = 50,000$  PSI)  
 ANGLES, CHANNELS, AND PLATES - ASTM A36 ( $F_y = 36,000$  PSI)  
 RECTANGULAR HSS - ASTM A500 GRADE C ( $F_y = 50,000$  PSI)  
 ROUND HSS - ASTM A500 GRADE C ( $F_y = 46,000$  PSI)  
 PIPES - ASTM A53 GRADE B ( $F_y = 35,000$  PSI)

FASTENERS:  
 MACHINE BOLTS SHALL BE ASTM A307 GRADE A  
 HIGH STRENGTH BOLTS SHALL BE ASTM F1554 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)	$F_s$ (PSI)	E (PSI)
6x POSTS	DOUGLAS FIR - #1	1200	170	1.6x10 <sup>6</sup>
6x BEAMS	DOUGLAS FIR - #1	1350	170	1.6x10 <sup>6</sup>
4x POSTS & BEAMS	DOUGLAS FIR - #1	1000	180	1.7x10 <sup>6</sup>
2x JOISTS, RAFTERS	DOUGLAS FIR - #2	900	180	1.6x10 <sup>6</sup>
℞ MATERIAL	DOUGLAS FIR - #2	900	180	1.6x10 <sup>6</sup>
2x STUDS	DOUGLAS FIR - #2	900	180	1.6x10 <sup>6</sup>

GLUE-LAMINATED WOOD DESIGN STRESSES:  
 $F_b = 2,400$  PSI,  $F_s = 265$  PSI FOR SIMPLE SPAN BEAMS.

MANUFACTURED WOOD PRODUCTS:  
 LVL (JOISTS)  $F_b = 2,600$  PSI  $E = 2.0x10^6$  PSI  
 LVL (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)  $F_b = 2,500$  PSI  $E = 1.8x10^6$  PSI (PARALLEL)

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

## G EXISTING CONSTRUCTION NOTES

- 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.
- ALL WORK NOT INDICATED AS EXISTING (E) SHALL BE ASSUMED TO BE NEW (N).
- 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.
- 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.
- EXISTING DAMAGED STRUCTURAL MEMBERS WHICH ARE UNCOVERED SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND REPAIR.
- EXISTING CONCRETE SURFACE ABUTTING NEW CONCRETE SHALL BE ROUGHENED TO 1/4" AMPLITUDE AND THOROUGHLY CLEANED OF DUST, LOOSE AGGREGATE, LAITANCE, ETC.
- 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.
- 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.
- 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.

## E WOOD FRAMING NOTES

- HEADERS, BEAMS, POSTS, TOP PLATE SPLICES, AND ETC., ARE PER 1/S1.2 AND 3/S1.2 WHERE NOT NOTED ON PLAN AND DETAILS.
- ALL BEAMS AND JOISTS (EXCLUDING I JOISTS) SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, INCLUDING BEAM SEATS AND COLUMN CAPS.
- 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.
- 3 1/2" AND 5 1/2" WIDTHS MAY BE SUBSTITUTED FOR 3 3/4" & 5 3/4" WIDTHS, RESPECTIVELY, AT INDUSTRIAL APPEARANCE GRADE GLULAM MEMBERS UNO.
- SEE 11/S1.2 FOR SHEATHING NAILING REQUIREMENTS. ALL NAILING NOT NOTED OR DETAILED OTHERWISE SHALL BE PER 10/S1.2. 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.
- 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.
- 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 H/S0.1 TO POSTS AT ALL EXTERIOR WALLS AND INTERIOR SHEAR WALLS. POSTS AT HOLDOWNS TO BE FULL HEIGHT AND PER 8/S1.2
- FOR ROOF DRAINAGE, TOP OF FRAMING BETWEEN NOTED POINTS IS A STRAIGHT LINE.
- ALL MECHANICAL SUPPLY AND RETURN OPENINGS TO BE BETWEEN FRAMING UNO.
- HSS OR PIPE COLUMNS IN STUD WALLS ARE TO BE TRIMMED PER 8/S1.3. REFER TO PLANS AND DETAILS FOR OTHER REQUIREMENTS.
- 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.
- PROVIDE SOLID BLOCKING @ 8'-0"oc MAX FOR ALL 2x12 REPETITIVE FRAMING. PROVIDE SOLID BLOCKING OR SIMPSON TB X-BRIDGING @ 8'-0"oc MAX FOR ALL 1 1/2" LSL AND 1 1/2" LVL REPETITIVE FRAMING WITH A DEPTH OF 11 1/4" OR GREATER.
- PROVIDE ADDITIONAL JOIST BELOW ALL OR ADJACENT TO NON-STRUCTURAL WALLS PARALLEL TO FRAMING, UNO.
- ROUND HOLES IN STEEL PLATES TO BE 3/8" OVERSIZE. SLOTTED HOLES IN STEEL PLATES SHALL BE 3/8" 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 1/2" 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.
- 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 1 1/2" EDGE OF THE MEMBER.
- 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.
- VENTING IS REQUIRED IN ENCLOSED FRAMING AREAS. SAD, DRILL BLOCKING AND LEDGERS AND PROVIDE SKIP BLOCKING AS DETAILED.
- SAD FOR CEILING INFO. WHERE REQUIRED PROVIDE CEILING JOISTS PER 4/S1.3, UNO.
- ALL SHEATHING SHALL HAVE 1/8" GAP AT ALL EDGES AND JOINTS. TYPICAL SHEATHING:

## C FOUNDATION NOTES

- ALLOWABLE (ASD) FOUNDATION DESIGN PRESSURES ARE:  
 SHALLOW FOOTINGS:  
 DEAD LOAD + LIVE LOAD = 3,000 PSF  
 DEAD LOAD + LIVE LOAD + LATERAL = 4,000 PSF
- ALL SOILS WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND THE REQUIREMENTS OF THE GEOTECHNICAL REPORT NOTED BELOW, AND CHAPTER 18 OF THE CBC. ALL FOUNDATIONS SHALL BEAR ON FIRM, UNDISTURBED, NATIVE SOILS OR ENGINEERED FILL AT OR EXCEEDING DEPTHS SHOWN ON THE DRAWINGS. ENGINEERED FILL TO BE COMPACTED PER GEOTECHNICAL REPORT. INCREASE FILL AND OR 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 DIRECTED BY THE ENGINEER, OR FORMWORK SHALL BE PROVIDED. OVER-EXCAVATIONS IN 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:

GEOTECHNICAL REPORT NO. XX-XX DATED: XX-XX

- WHERE BOTTOM OF ADJACENT FOOTINGS ARE DIFFERENT PROVIDE STEPPED FOOTING PER 8/S1.1.
- USE 5/8" DIAMETER x 12" (18" AT CURBS) ANCHOR BOLTS (AB) AT 48"oc WHERE NOT 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: 4" CONCRETE REINFORCED WITH #3 @ 16"oc EACH WAY AT MID-DEPTH OVER VAPOR RETARDER (PER SPECIFICATIONS) AND 4" MINIMUM FREE DRAINING COMPACTED CRUSHED ROCK ON SUBGRADE PER THE GEOTECHNICAL RECOMMENDATIONS, AND AS APPROVED BY THE GEOTECHNICAL ENGINEER. DO NOT DRIVE CONCRETE TRUCKS OR LARGE SCREED MACHINES ON VAPOR RETARDER WITHOUT ADDITIONAL BUFFER MATERIAL 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 PIPES OR CONDUITS AT SLAB. SEE 7/S1.1 FOR PIPES AND CONDUITS.
- PROVIDE CONTROL JOISTS PER 6/S1.1 (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 EXAMPLE 3x4" = 12'-0"oc MAX) AND 15'-0"oc MAX. INSTALL JOINTS TO DIVIDE SLAB INTO RECTANGULAR AREAS WITH 3 DIMENSION LESS THAN 1.5 x SHORT DIMENSION. 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 AND POSSIBLE REVISIONS, IF EXISTING FOUNDATION CONDITIONS ARE NOT AS SHOWN.
- TOP OF FOOTING ELEVATIONS TO BE DETERMINED BY THE CONTRACTOR BASED ON INFORMATION FROM THE CIVIL DRAWINGS, GEOTECHNICAL REPORT, LANDSCAPE, ETC.

## D SPECIAL INSPECTION BY OWNERS TESTING AGENCY

SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED BY AN APPROVED AGENCY 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:

- 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 OR CONCRETE. CONTINUOUS OR ISOLATED SPREAD FOOTINGS WITH DESIGN STRENGTH NO GREATER THAN 2500 PSI, NON-STRUCTURAL SLABS ON GRADE, AND EXTERIOR FLATWORK DO NOT REQUIRE SPECIAL INSPECTION PER CBC SECTION 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 PLATE SPLICES, LEDGER SPLICES, SIMPSON HARDWARE, BRACES, AND HOLDOWNS; AND NAILING, BOLTING, AND ANCHORING OF ALL SHEAR WALLS, SHEAR PANELS, AND DIAPHRAGMS WHERE THE FASTENER SPACING OF THE SHEATHING IS 4" APART OR LESS.
- SOILS PER CBC SECTION 1705.6, TABLE 1705.6, AND THE APPROVED SOILS REPORT 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 1705.8 AND THE APPROVED SOILS REPORT INCLUDING DRILLING OPERATIONS, PIER SIZE AND EMBEDMENT, END BEARING STRATA CAPACITY, AND PLACEMENT OF REINFORCEMENT AND CONCRETE. ADDITIONAL INSPECTIONS FOR CONCRETE ARE REQUIRED PER CBC SECTION 1705.3, AND AS NOTED ABOVE.
- SPECIAL CASES PER CBC SECTION 1705.1.1 AND PRODUCT ICC REPORTS FOR ALL 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.

## A DESIGN CRITERIA

DESIGN CRITERIA: 2019 CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2 (CBC) AND 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC)  
 FLOOR LIVE LOAD: 50 PSF (REDUCIBLE)  
 ROOF LIVE LOAD: 20 PSF (REDUCIBLE)  
 FUTURE SOLAR: 8 PSF  
 RISK CATEGORY: IV  
 WIND DATA: ULTIMATE WIND SPEED (3 SEC GUST) IN MPH: 102  
 WIND EXPOSURE: C  
 INTERNAL WIND PRESSURE COEFFICIENT (GCPN) = ±0.18  
 COMPONENTS AND CLADDING DESIGN PRESSURES FOR SYSTEMS DESIGNED BY OTHERS SHALL COMPLY WITH THE "ASCE 7-16" DESIGN STANDARD  
 EARTHQUAKE DATA: SEISMIC IMPORTANCE FACTOR,  $I_p = 1.5$   
 MAPPED SPECTRAL RESPONSE ACCELERATIONS:  $S_{DS} = 2.277g$ ,  $S_{L1} = 0.880g$   
 SITE CLASS: C  
 SPECTRAL RESPONSE COEFFICIENTS:  $S_{DS} = 1.822g$ ;  $S_{L1} = 0.821g$   
 SEISMIC DESIGN CATEGORY: F  
 SEISMIC FORCE RESISTING SYSTEM(S): WOOD FRAMED SHEAR WALLS  
 RESPONSE MODIFICATION FACTOR(S):  $R = 6.5$   
 DESIGN BASE SHEAR: 64k (ASD)  
 SEISMIC RESPONSE COEFFICIENT(S),  $C_s = 0.42$  (ULTIMATE)  
 ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE  
 SEISMIC FORCES ARE REDUCED TO 75% OF CURRENT CODE PER CEBC

SCOPE: INTERIOR TENANT IMPROVEMENTS INCLUDING ROOF TOP MECHANICAL UNITS, REMOVAL OF EXISTING BEARING WALLS AND RESUPPORT OF SECOND FLOOR AND ROOF FRAMING. SEISMIC UPGRADES WERE DESIGNED TO ADDRESS INADEQUATE WOOD SHEAR WALL CAPACITIES.

## B GENERAL NOTES

- REFER TO SHEETS S1.1, S1.2 AND S1.3 FOR STANDARD DETAILS OF CONSTRUCTION. REFER TO THE PROJECT SPECIFICATIONS FOR MATERIALS AND METHODS.
- BUILDING DIMENSIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS (SAD) FOR ALL ACTUAL BUILDING DIMENSIONS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER SO CLARIFICATION CAN BE MADE PRIOR TO COMMENCING WORK.
- STRUCTURAL DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WORK.
- DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR SIDEWALK SLABS AND DIMENSIONS.
- COORDINATION OF MECHANICAL, ELECTRICAL, PLUMBING, AND SITE UTILITY SYSTEMS WITH THE STRUCTURAL SYSTEM IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. USE DETAILS ON SHEETS S1.1 THROUGH S1.3 AT CONDITIONS WHERE THESE DETAILS DO NOT APPEAR TO APPLY. NOTIFY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION. AT CONDITIONS WHERE FIELD MODIFICATIONS OF MECHANICAL, ELECTRICAL, PLUMBING, OR SITE UTILITIES AFFECT STRUCTURAL SYSTEMS, NOTIFY STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
- VERIFY WEIGHTS AND LOCATIONS OF MECHANICAL UNITS WITH MECHANICAL ENGINEER PRIOR TO PLACEMENT. UNITS VARYING OVER 10% IN WEIGHT SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION (MECHANICAL WEIGHTS SHOWN ARE MAXIMUM). CONTRACTOR TO VERIFY MECHANICAL UNIT SIZES AND WEIGHTS AS INSTALLED PRIOR TO INSTALLATION OF SPECIAL FRAMING TO ENSURE CORRECT PLACEMENT UNDER CURBS, ETC. SEE 7/S1.3.
- SHORING AND BRACING DESIGN, MATERIALS AND INSTALLATION SHALL BE PROVIDED BY THE GENERAL CONTRACTOR, AND SHALL BE ADEQUATE FOR ALL LOADS. LEAVE IN PLACE AS LONG AS LONG AS MAY BE REQUIRED FOR SAFETY AND UNTIL FINAL STRUCTURAL CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL ENGAGE A LICENSED CIVIL OR STRUCTURAL ENGINEER TO PROVIDE SHORING.
- SPECIAL INSPECTIONS ARE REQUIRED PER D/S0.1 AND THE TESTING AND INSPECTION FORM.
- VEHICULAR TRAFFIC, HEAVY EQUIPMENT AND MATERIAL STAGING SHALL NOT BE ALLOWED ADJACENT TO ANY RETAINING/BASEMENT WALL, NEW OR EXISTING WITHIN A HORIZONTAL DISTANCE EQUAL TO THE WALL HEIGHT MEASURED FROM THE BOTTOM OF FOOTING OR 5'-0" WHICHEVER IS GREATER, UNLESS APPROVED BY THE STRUCTURAL ENGINEER OR NOTED OTHERWISE. WITHIN THIS ZONE, ONLY HAND-OPERATED EQUIPMENT ("WHACKERS", VIBRATORY PLATES, OR PNEUMATIC COMPACTORS) SHALL BE USED TO COMPACT THE BACKFILL SOILS.
- STRUCTURAL OBSERVATION PER CBC SECTION 1704.6 IS REQUIRED. NOTIFY ZFA FOR GENERAL ON SITE REVIEW OF:
  - MINIMUM FOOTING SIZE AND REINFORCING STEEL
  - WOOD SHEAR WALLS, SHEAR PANELS AND FLOOR/ROOF DIAPHRAGMS, INCLUDING NAILING, BOLTING, ANCHORAGE AND OTHER FASTENING TO OTHER COMPONENTS OF THE SEISMIC FORCE RESISTING SYSTEM.
  - STRUCTURAL WOOD FRAMING.

NOTIFY ZFA FOR REVIEW PRIOR TO COVERING ABOVE LISTED WORK. PROVIDE 2 WORKING DAYS MINIMUM SCHEDULING NOTICE PRIOR TO REVIEW DATE.

- SUBMIT ENGINEERING FOR DEFERRED APPROVAL ITEMS TO ARCHITECT/ENGINEER FOR REVIEW AND SUBMITTAL TO THE BUILDING DEPARTMENT FOR APPROVAL PRIOR TO FABRICATION. DEFERRED APPROVAL ITEMS SHALL BE DESIGNED AND DETAILED BY MANUFACTURER TO ACCOMMODATE HORIZONTAL AND VERTICAL MOVEMENTS AS NOTED IN STRUCTURAL DRAWINGS. GENERAL CONTRACTOR SHALL REVIEW AND APPROVE DIMENSIONS AND DETAILS SHOWN ON THE SHOP DRAWINGS PRIOR TO SUBMITTAL. MANUFACTURER TO PROVIDE DRAWINGS AND CALCULATIONS DESIGNED IN ACCORDANCE WITH THE CBC AND SPECIFICATIONS, PREPARED AND SIGNED BY A CALIFORNIA LICENSED CIVIL OR STRUCTURAL ENGINEER FOR THE FOLLOWING ITEMS, UNLESS NOTED OTHERWISE:

- ELEVATOR - STRUCTURAL DESIGN AND DRAWINGS OF ELEVATOR GUIDES, RAILS, SUPPORTS, ETC. SHALL BE PROVIDED BY THE ELEVATOR MANUFACTURER/SUPPLIER. CONFORM TO CAL OSHA REQUIREMENTS.
- STORE FRONT, CURTAIN WALL, GLAZING AND SKYLIGHT SYSTEMS: INCLUDE ATTACHMENTS TO STRUCTURE.

SHEET INDEX	
S0.1	GENERAL NOTES AND SPECIFICATIONS
S1.1	TYPICAL CONCRETE DETAILS
S1.2	TYPICAL WOOD DETAILS
S1.3	TYPICAL WOOD DETAILS
S2.1	FOUNDATION PLAN
S2.2	SECOND FLOOR FRAMING PLAN
S2.3	ROOF FRAMING PLAN
S3.1	ELEVATIONS & SCHEDULES
S4.1	FOUNDATION DETAILS
S6.1	SECOND FLOOR DETAILS
S6.2	ROOF DETAILS

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# MARJANG ARCHITECTURE

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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 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 9TH 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

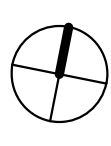
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DESCRIPTION

## GENERAL NOTES AND SPECIFICATIONS



# S0.1









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**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  
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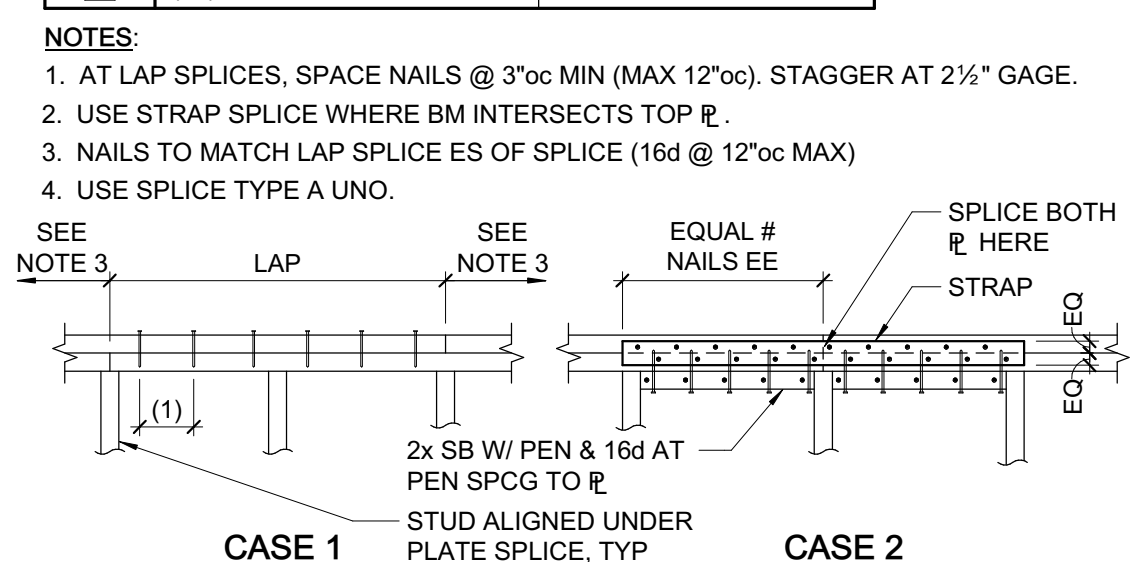
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DESCRIPTION  
**TYPICAL WOOD DETAILS**

**S1.3**

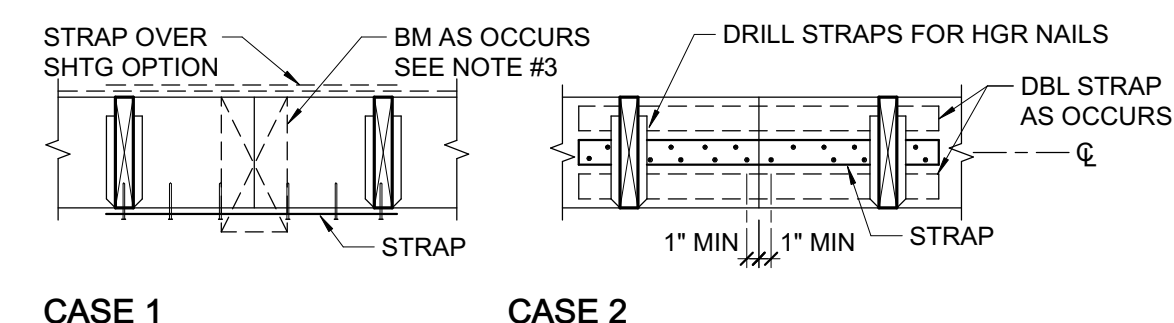
TOP PLATE SPLICE SCHEDULE		
MARK	LAP SPLICE (CASE 1)	STRAP SPLICE (CASE 2)
A	(12) 16d PER 4'-0" MIN LAP	MSTC28
B	(22) 16d PER 4'-0" MIN LAP	MSTC40
C	(26) 16d PER 6'-0" MIN LAP	MSTC52
D	(32) 16d PER 6'-0" MIN LAP	MSTC66
E	(36) 16d PER 8'-0" MIN LAP	MSTC28 EA SIDE
F	(44) 16d PER 8'-0" MIN LAP	MSTC40 EA SIDE
G	(50) 16d PER 10'-0" MIN LAP	MSTC52 EA SIDE



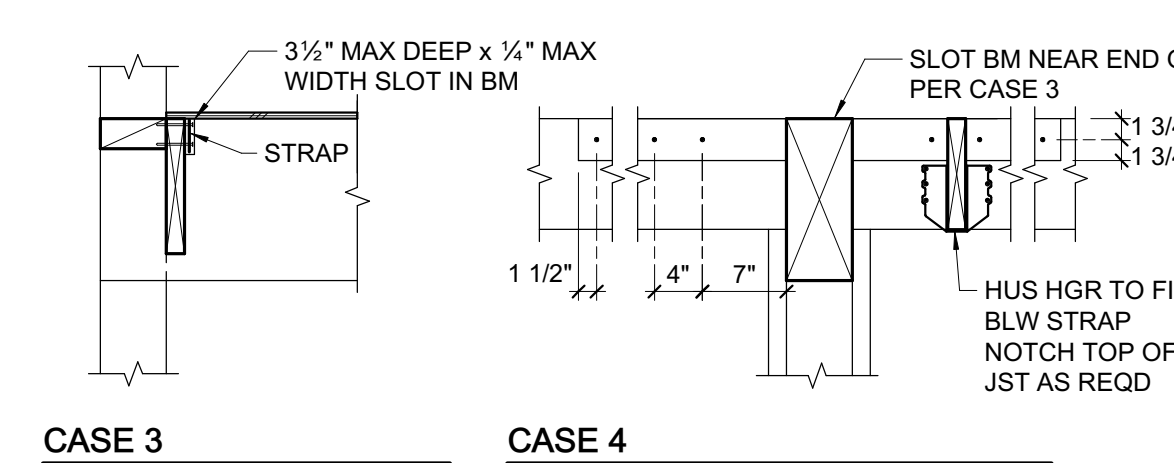
**1 TOP PLATE SPLICE SCHEDULE AND DETAILS**  
 3/4" = 1'-0"

LEDGER SPLICE SCHEDULE				SPLICE NOTES:
MARK	CASE	STRAP/PLATE	CASE	
A	1	MSTA24	-	
B	1	MSTA30	-	
C	2	MST148	3	MST160
D	2	CMST14x5'-6"	3	CMST14x6'-0"
E	2	(2) MST148	4	1/2" W/ (6) 1" MB ES OF SPLICE

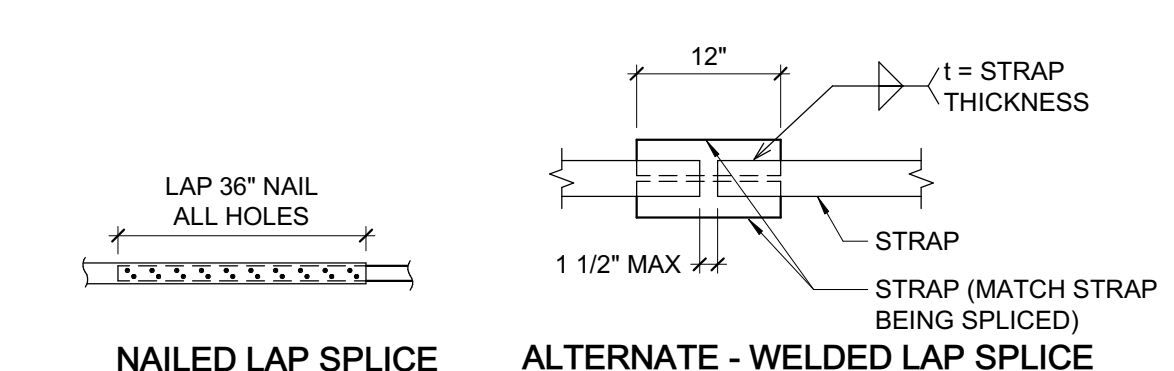
- PROVIDE 3x OR (2) 2x STUDS AT SPLICE
- ALL NAILS TO BE 10d NAIL ALL HOLES
- FOR CASE 1, SPLICE W/ MSTA36 AT BM
- USE SPLICE TYPE 'A' UNO



**2 LEDGER OR RIM SPLICE SCHEDULE**  
 3/4" = 1'-0"



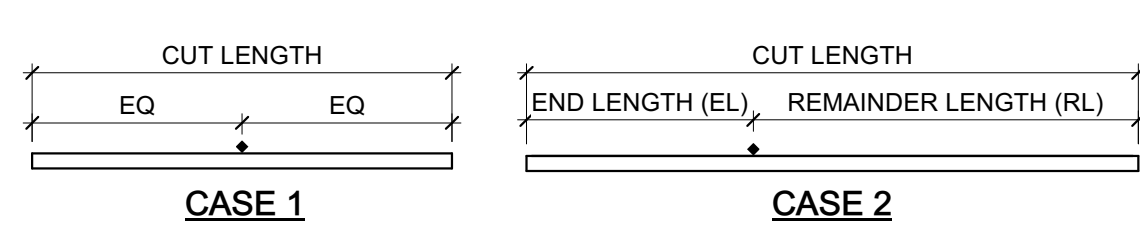
**2 LEDGER OR RIM SPLICE SCHEDULE**  
 3/4" = 1'-0"



**NAILED LAP SPLICE ALTERNATE - WELDED LAP SPLICE**

MARK	STRAP	MIN. NAILING ES OF *	MAX. NAIL SPACING (SEE NOTES #1 & #2)		MIN. END LENGTH (EL)	
			CASE 1	CASE 2		
						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"
C	CMSTC16	(25) 10d	10d @ 3"oc STGR	FILL ALL NAIL HOLES	10d @ 3"oc STGR	24"
D	CMST14	(33) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	10d @ 3 1/2"oc STGR	32"
E	CMST12	(43) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	10d @ 3 1/2"oc STGR	48"

- CASE 1 APPLIES UNLESS END LENGTH (EL) IS NOTED ON PLANS. WHERE END LENGTH (EL) IS NOTED, SEE CASE 2.
- AS REQUIRED, PROVIDE CLOSER NAIL SPACING TO MEET MINIMUM NAILING EACH SIDE OF •.



**CASE 1 CASE 2**

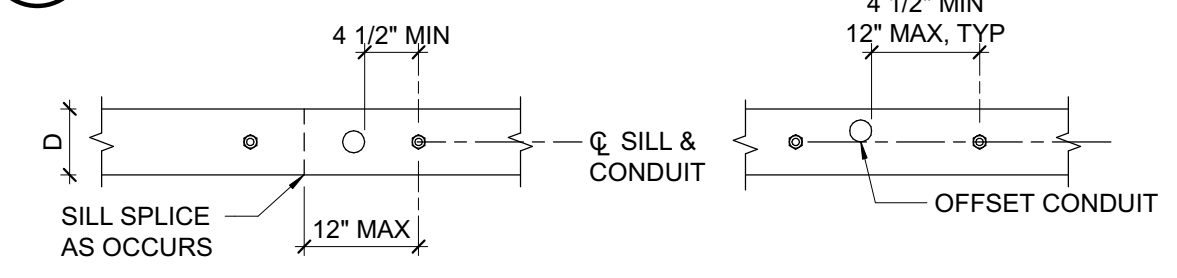
- LOCATE STRAPS OVER SHEATHING AND BLOCK UNDER STRAP W/ FLAT 2x6 (2x4 AT CS16/CS14) WHERE NO FRAMING OCCURS, UNO.
- SEE PLANS FOR STRAP LENGTHS, LOCATIONS AND DETAILS, UNO.
- SPLICE STRAPS AS SHOWN WHERE LENGTH PER PLAN EXCEEDS AVAILABLE PRODUCT LENGTH

**3 TIE STRAP SCHEDULE**  
 3/4" = 1'-0" PROGRESS PRINT - NOT FOR CONSTRUCTION

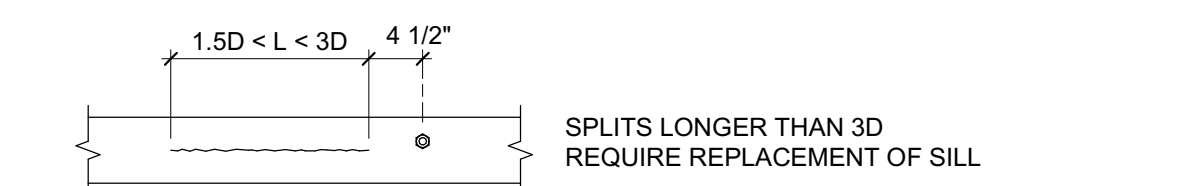
CEILING JOIST SCHEDULE			
MAX SPAN	JOIST SIZE	HANGER IF REQUIRED	LEDGER IF REQUIRED
9'-0"	2x4 @ 16"oc	LU24	2x4 W/ (2) 16d @ 16"oc
12'-6"	2x6 @ 16"oc	LU26	2x6 W/ (3) 16d @ 16"oc
14'-0"	2x8 @ 16"oc	LU28	2x8 W/ (4) 16d @ 16"oc
19'-0"	2x10 @ 16"oc	LU210	2x10 W/ (5) 16d @ 16"oc

- NOTES:
- CEILING JOIST SCHEDULE IS BASED ON LL = 10 psf.
  - WHERE LEDGERS ARE NAILED THROUGH WALL SHTG, USE 20d NAILS IN LIEU OF 16d NAILS.
  - PROVIDE MIDSPAN BLOCKING AT 2x10 JOISTS.

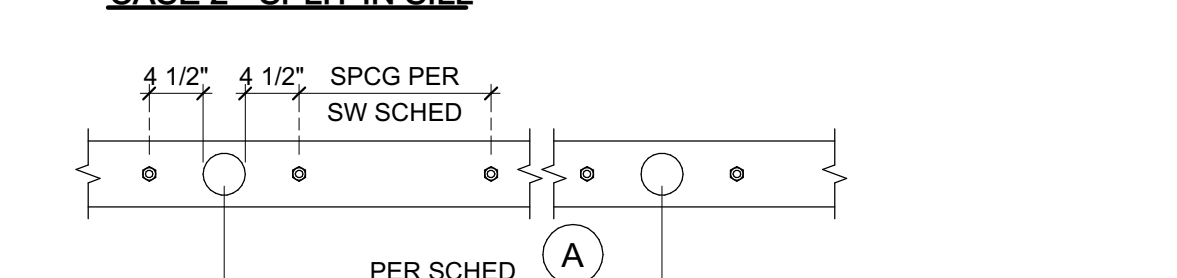
**4 CEILING JOIST SCHEDULE**  
 3/4" = 1'-0"



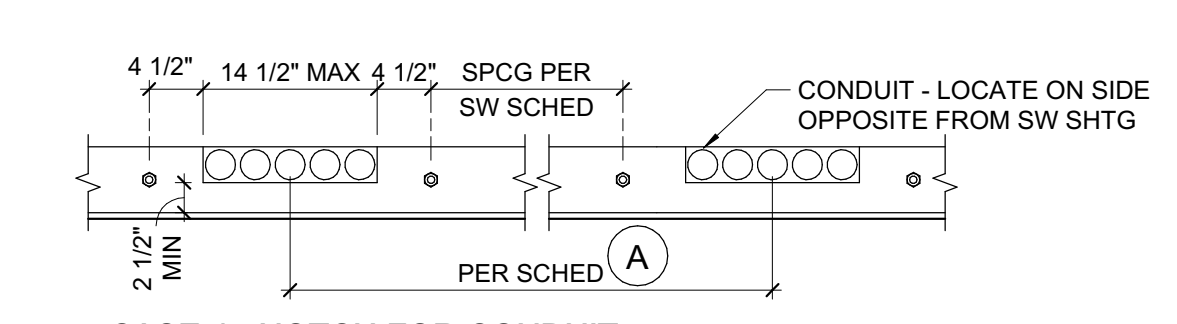
**CASE 1 - SINGLE CONDUIT DIAMETER ≤ D/3. MIN SPCG = 16"oc**



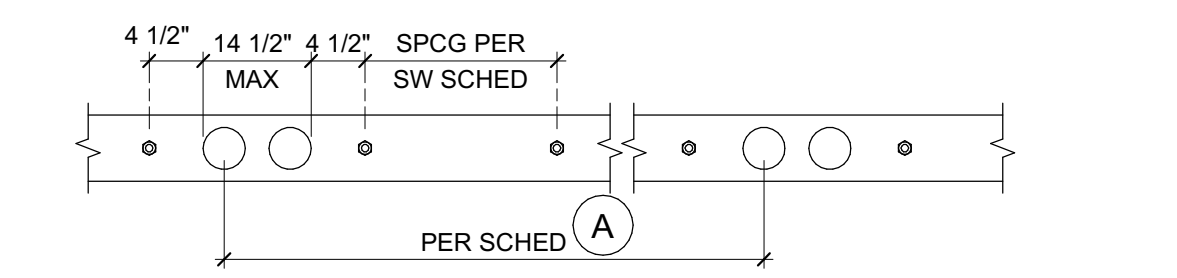
**CASE 2 - SPLIT IN SILL**



**CASE 3 - SINGLE CONDUIT DIAMETER > D/3**



**CASE 4 - NOTCH FOR CONDUIT**

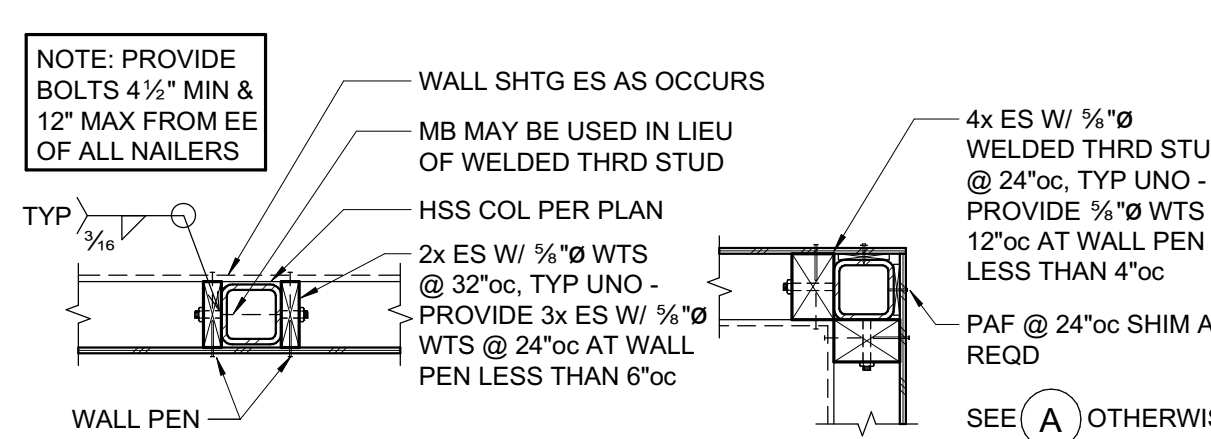


**CASE 5 - MULTI CONDUIT, DIAMETER > D/3**

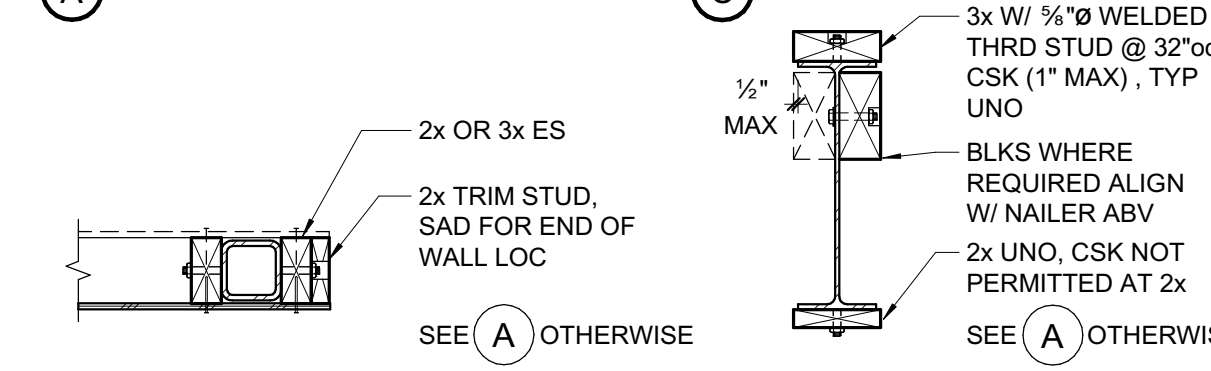
SCHEDULE A			
	CASE 3	CASE 4	CASE 5
SW (A)	48"	32"	48"
SW (B)	64"	48"	64"
SW (C)	80"	64"	N/A
SW (D)	N/A	N/A	N/A

NOTE:  
 1. ALL PENETRATIONS THROUGH SHEAR WALL SILL PLATE SHALL CONFORM TO THE REQUIREMENTS OF THIS DETAIL OR BE REROUTED PRIOR TO INSTALLATION OF SILL.  
 2. PROVIDE ADDITIONAL ANCHOR BOLTS AS REQUIRED TO MEET INDICATED SPACINGS. ADDITIONAL ANCHOR BOLTS TO BE INSTALLED AT CENTERLINE OF SILL PLATE PER 19351.1 WHERE NECESSARY. AB DIA AS REQD BY SW SCHED.

**5 HOLES IN PLATES AT 2x6 SHEAR WALLS**  
 3/4" = 1'-0"

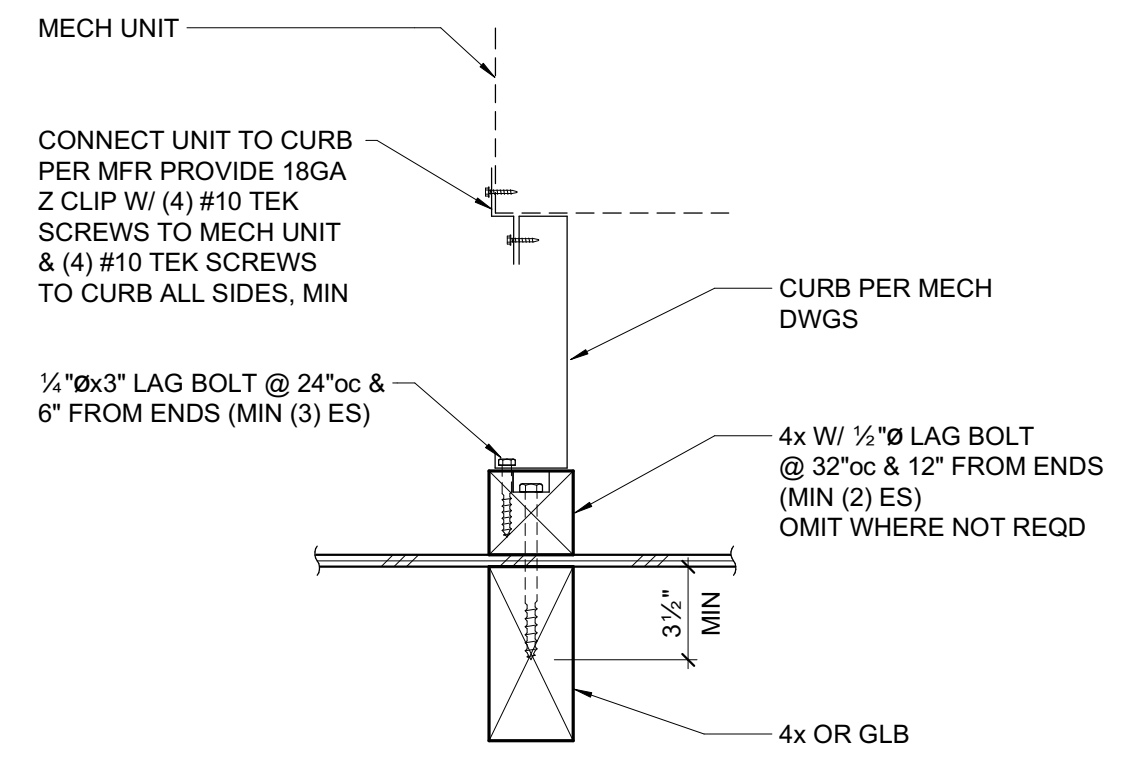


**A HSS COLUMN WITHIN WALL C HSS COLUMN AT CORNER**

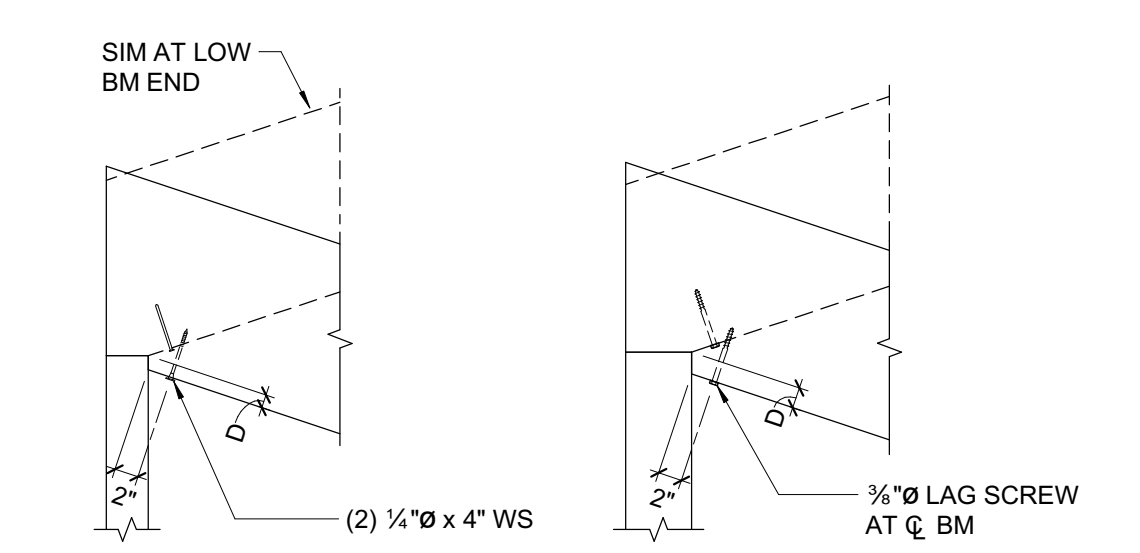


**B HSS COLUMN AT END OF WALL (EDGE OF OPNG SIM) D WIDE FLANGE NAILER (CHANNEL & HSS SIM)**

**6 TYPICAL STEEL BEAM/COLUMN NAILERS**  
 3/4" = 1'-0"



**7 MECHANICAL CURB DETAIL ABOVE 4x OR GLB**  
 1 1/2" = 1'-0"



**A CASE 1 B CASE 2**

- NOTES:
- DO NOT OVERCUT NOTCHES OR SEAT CUTS.
  - D MAX = BEAM DEPTH/4 SEE OTHER DETAILS FOR ADDITIONAL NOTCH OR SEAT CUT SIZE INFORMATION.
  - MINIMUM LAG SCREW LENGTH = D + 2 1/2".

**8 BEAM SEAT CUT/NOTCH REINFORCEMENT**  
 3/4" = 1'-0"





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**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 FRANZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
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**ZFA STRUCTURAL ENGINEERS**  
 1390 el camino real | suite 100 zfa.com  
 san carlos ca 94070 650.394.8869  
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NO.	DESCRIPTION	DATE

JOB NO. 21479  
 KENSINGTON PUBLIC SAFETY BUILDING

DESCRIPTION  
**SECOND FLOOR FRAMING PLAN**

**S2.2**

MARK	CASE	STRAP/PLATE	CASE	STRAP/PLATE
A	1	MSTA24	-	
B	1	MSTA30	-	
C	2	MST148	3	MST160
D	2	CMST14x5'-6"	3	CMST14x6'-0"
E	2	(2) MST148	4	R 1/2" W (6) 1" MB ES OF SPLICE

MARK	LAP SPLICE (CASE 1)	STRAP SPLICE (CASE 2)
A	(12) 16d PER 4'-0" MIN LAP	MSTC28
B	(22) 16d PER 4'-0" MIN LAP	MSTC40
C	(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

MARK	STRAP	MIN. NAILING ES OF *	MAX. NAIL SPACING (SEE NOTES #1 & #2)		MIN. END LENGTH (EL)
			CASE 1	CASE 2	
A	CS16	(10) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	12"
B	CS14	(13) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	16"
C	CMSTC16	(25) 10d	10d @ 3"oc STGR	FILL ALL NAIL HOLES	24"
D	CMST14	(33) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	32"
E	CMST12	(43) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	48"

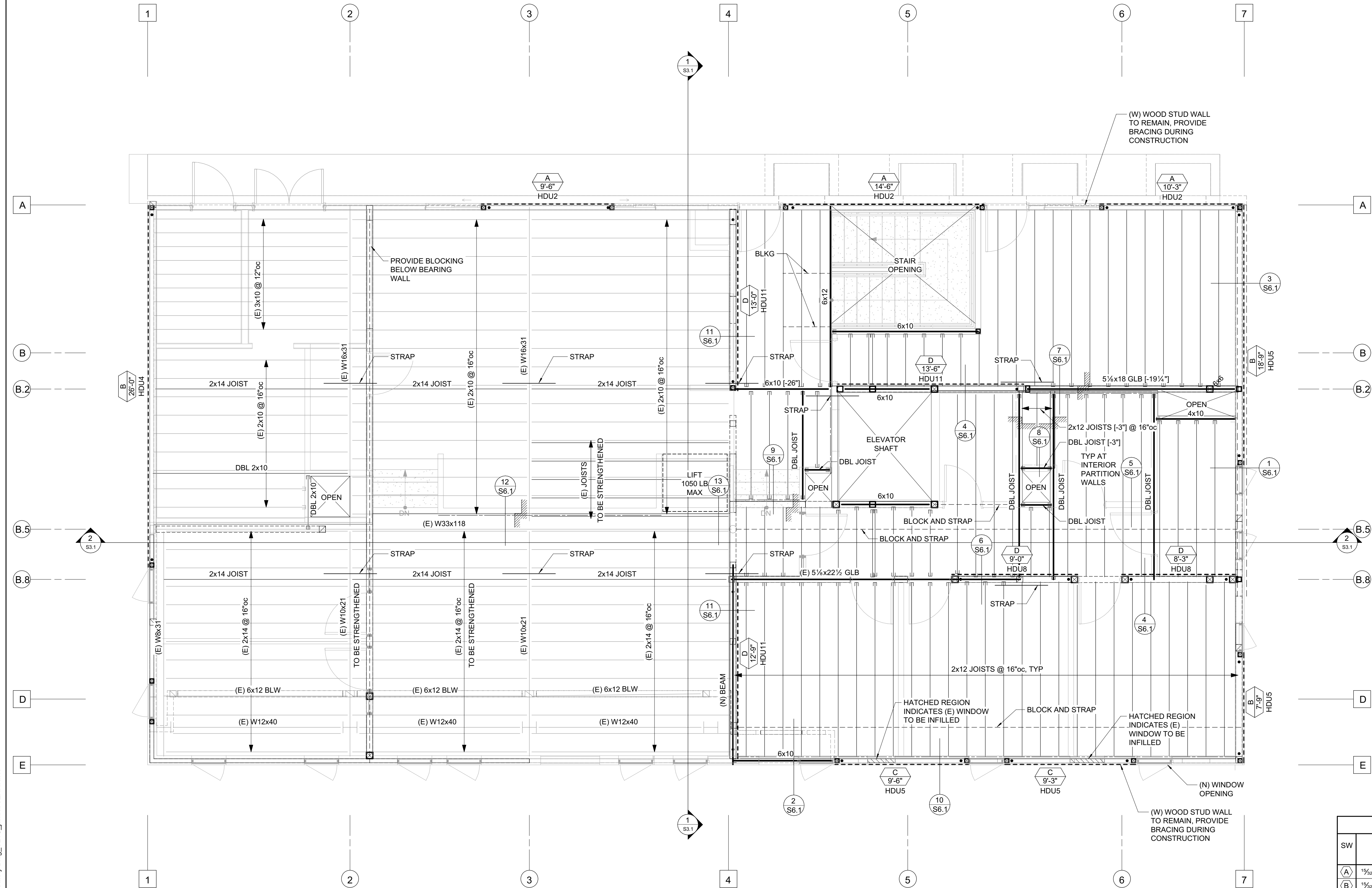
- CASE 1 APPLIES UNLESS END LENGTH (EL) IS NOTED ON PLANS. WHERE END LENGTH (EL) IS NOTED, SEE CASE 2.
- AS REQUIRED, PROVIDE CLOSER NAIL SPACING TO MEET MINIMUM NAILING EACH SIDE OF \*

- FRAMING PLAN NOTES:**
- REFER TO SHEETS S0.1, S1.2 AND S1.3 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.
  - DIMENSIONS ARE TO FACE OF SHEATHING UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
  - MECHANICAL, ELECTRICAL AND PLUMBING PENETRATIONS THROUGH WALLS, ROOFS OR FLOORS SHALL BE PER REFERENCES BELOW UNLESS SHOWN AND DETAILED OTHERWISE ON THE STRUCTURAL PLANS. NOTIFY ARCHITECT/ENGINEER PRIOR TO ANY INSTALLATION NOT CONFORMING TO THESE DETAILS.
    - PENETRATIONS THROUGH SHEAR WALLS SHALL BE PER S1.2.
    - PENETRATIONS THROUGH FLOORS/ROOFS SHALL BE PER S1.2.
  - 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, UNLESS NOTED OTHERWISE.
  - ELEVATIONS ON PLANS AND DETAILS "A" 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 ARCHITECT/ENGINEER OF ANY DISCREPANCIES.

SYMBOL	REFERENCE DETAIL	DESCRIPTION
=====	1/S1.2	INDICATES STRUCTURAL WALL.
-----	1/S1.2	INDICATES STRUCTURAL WALL ABOVE.
	7/S1.2	INDICATES SHEAR WALL TYPE AND MINIMUM WALL LENGTH. SYMBOL LOCATION INDICATES SHEATHED FACE OF WALL UNLESS NOTED OTHERWISE.
□	E/S0.1	INDICATES WOOD POST.
□•	8/S1.2	INDICATES POST WITH HOLDOWN. POSTS WITH HOLDOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE.
□.□.□	6/S1.3	INDICATES STEEL COLUMN.
3/4x12 GLB C-1"	E/S0.1	INDICATES GLULAM BEAM SIZE AND CAMBER. WHERE NO CAMBER IS SPECIFIED SEE WOOD FRAMING NOTES FOR TYPICAL GLULAM BEAM CAMBER.
---	11/S1.2	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
---	E/S0.1	INDICATES HANGER.
---		INDICATES LEDGER. SEE PLAN FOR SIZE AND ANCHORAGE.
88		INDICATES GRIDLINE AT FACE OF SHEATHING.
88		INDICATES GRIDLINE AT CENTERLINE OF COLUMN.
1 S3.1		INDICATES ELEVATION.
MU 1,000#	7/S1.3	INDICATES APPROXIMATE LOCATION, SIZE AND MAXIMUM WEIGHT OF MECHANICAL UNIT. SEE MECHANICAL DRAWINGS FOR ANCHORAGE AND ADDITIONAL INFORMATION.
///		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
□		INDICATES EXISTING FRAMING.
STRAP	60-01-17	INDICATES POST WITH VERTICAL STRAP. POSTS WITH STRAP ARE FULL HEIGHT FROM SILL TO TOP PLATE.
A	1/S1.3	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.
A	2/S1.3	INDICATES LEDGER/RIM SPLICE. SPLICE TYPE SHALL OCCUR ALONG THE ENTIRE LENGTH OF THE WALL. UNO. PROVIDE SPLICE TYPE 'A' IF NOT NOTED ON PLANS.
A 4'-0"	3/S1.3	INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.

SW	APA RATED SHEATHING	NAILING (PEN)	ANCHORAGE				REMARKS
			2x SILL	3x SILL	16d	AT FRAMING	
A	1 1/2" * (32/16) EXP 1	10d @ 6"oc	32"oc	48"oc	6"oc	24"oc	16"oc
B	1 1/2" * (32/16) EXP 1	10d @ 4"oc	24"oc	32"oc	4"oc	16"oc	10"oc
C	1 1/2" * (32/16) EXP 1	10d @ 3"oc	16"oc	24"oc	3"oc	8"oc	8"oc
D	1 1/2" * (32/16) STRUC 1	10d @ 2"oc	-	16"oc	(2) ROWS @ 4"oc	8"oc	6"oc
E	1 1/2" * (32/16) STRUC 1 BOTH SIDES	10d @ 2"oc	-	12"oc	(2) ROWS @ 2"oc	6"oc	(2) ROWS @ 6"oc

\* 2x SILL: SDS 1/4x1/2". 3x SILL: SDS 1/2x6". FOR SDS @ 6"oc OR LESS, PROVIDE 4x BLKG BLW.



## SECOND FLOOR FRAMING PLAN

1/4" = 1'-0"

STAMP

PROJECT ADDRESS  
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 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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 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

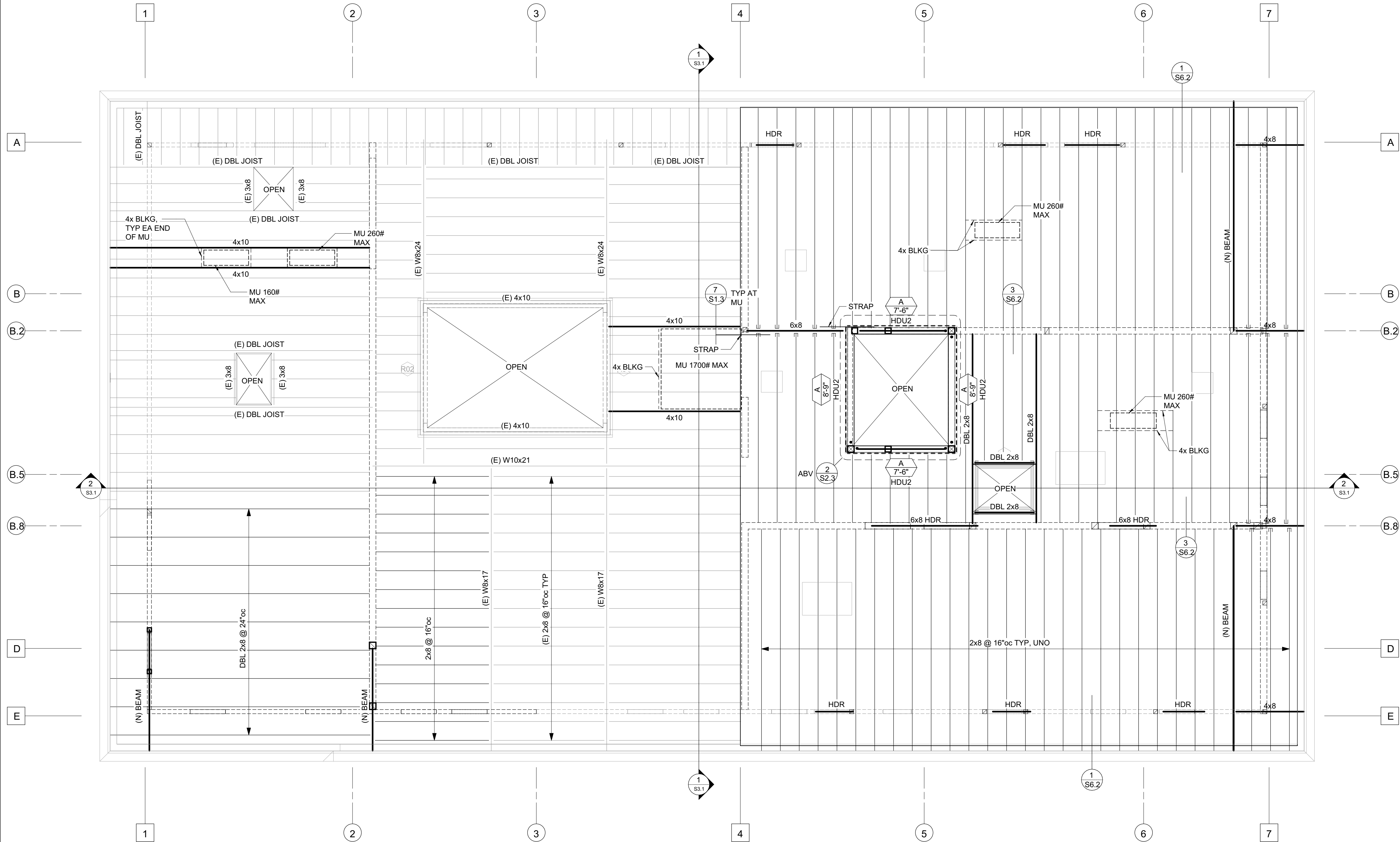
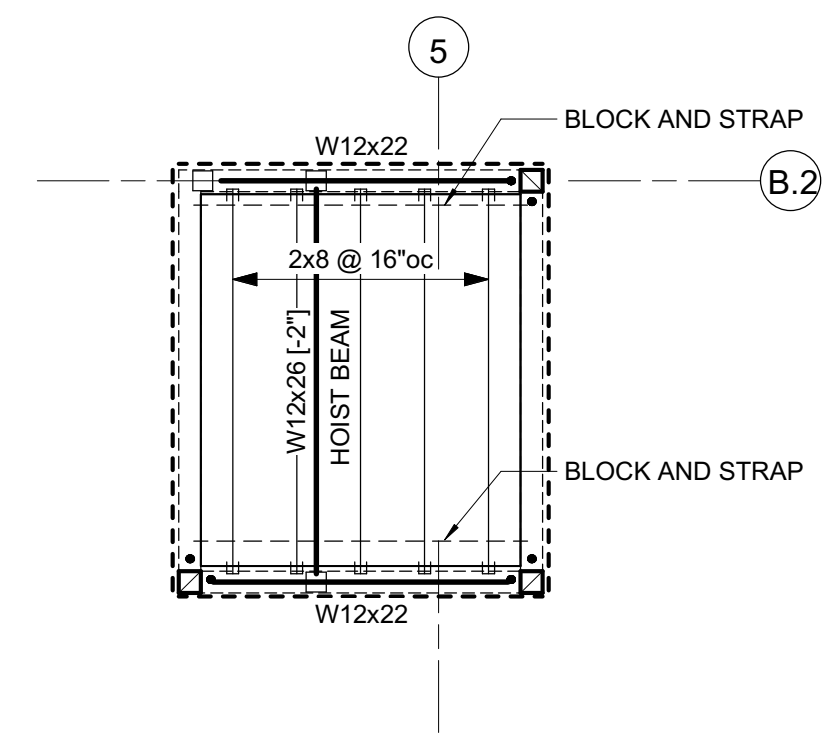
AUDIOVISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

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

- FRAMING PLAN NOTES:**
- REFER TO SHEETS S0.1, S1.2 AND S1.3 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.
  - DIMENSIONS ARE TO FACE OF SHEATHING UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
  - MECHANICAL, ELECTRICAL AND PLUMBING PENETRATIONS THROUGH WALLS, ROOFS OR FLOORS SHALL BE PER REFERENCES BELOW UNLESS SHOWN AND DETAILED OTHERWISE ON THE STRUCTURAL PLANS. NOTIFY ARCHITECT/ENGINEER PRIOR TO ANY INSTALLATION NOT CONFORMING TO THESE DETAILS.  
 PENETRATIONS THROUGH SHEAR WALLS SHALL BE PER S1.2.  
 PENETRATIONS THROUGH FLOORS/ROOFS SHALL BE PER S1.2.
  - 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, 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 ARCHITECT/ENGINEER OF ANY DISCREPANCIES.

PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
=====	1/S1.2	INDICATES STRUCTURAL WALL.
-----	1/S1.2	INDICATES STRUCTURAL WALL ABOVE.
	7/S1.2	INDICATES SHEAR WALL TYPE AND MINIMUM WALL LENGTH. SYMBOL LOCATION INDICATES SHEATHED FACE OF WALL UNLESS NOTED OTHERWISE.
△	H/S0.1	
□	E/S0.1	INDICATES WOOD POST.
□•	8/S1.2	INDICATES POST WITH HOLD-DOWN. POSTS WITH HOLD-DOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE.
□.□.□	6/S1.3	INDICATES STEEL COLUMN.
3/4x12 GLB C-1"	E/S0.1	INDICATES GLULAM BEAM SIZE AND CAMBER. WHERE NO CAMBER IS SPECIFIED SEE WOOD FRAMING NOTES FOR TYPICAL GLULAM BEAM CAMBER.
.....	11/S1.2	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
—	E/S0.1	INDICATES HANGER.
—		INDICATES LEDGER. SEE PLAN FOR SIZE AND ANCHORAGE.
88		INDICATES GRIDLINE AT FACE OF SHEATHING.
88		INDICATES GRIDLINE AT CENTERLINE OF COLUMN.
1 83.1		INDICATES ELEVATION.
MU 1,000#	7/S1.3	INDICATES APPROXIMATE LOCATION, SIZE AND MAXIMUM WEIGHT OF MECHANICAL UNIT. SEE MECHANICAL DRAWINGS FOR ANCHORAGE AND ADDITIONAL INFORMATION.
		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
□		INDICATES EXISTING FRAMING.
STRAP	60-01-17	INDICATES POST WITH VERTICAL STRAP. POSTS WITH STRAP ARE FULL HEIGHT FROM SILL TO TOP PLATE.
1/S1.3		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.
2/S1.3		INDICATES LEDGER/RIM SPLICE. SPLICE TYPE SHALL OCCUR ALONG THE ENTIRE LENGTH OF THE WALL. UNO. PROVIDE SPLICE TYPE 'A' IF NOT NOTED ON PLANS.
3/S1.3		INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.

**2 HIGH ROOF FRAMING PLAN**  
 1/4" = 1'-0"



**1 ROOF FRAMING PLAN**  
 1/4" = 1'-0"

NO.	DESCRIPTION	DATE

JOB NO.  
 21479 KENSINGTON PUBLIC SAFETY BUILDING

DESCRIPTION  
**ROOF FRAMING PLAN**

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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 FRANZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
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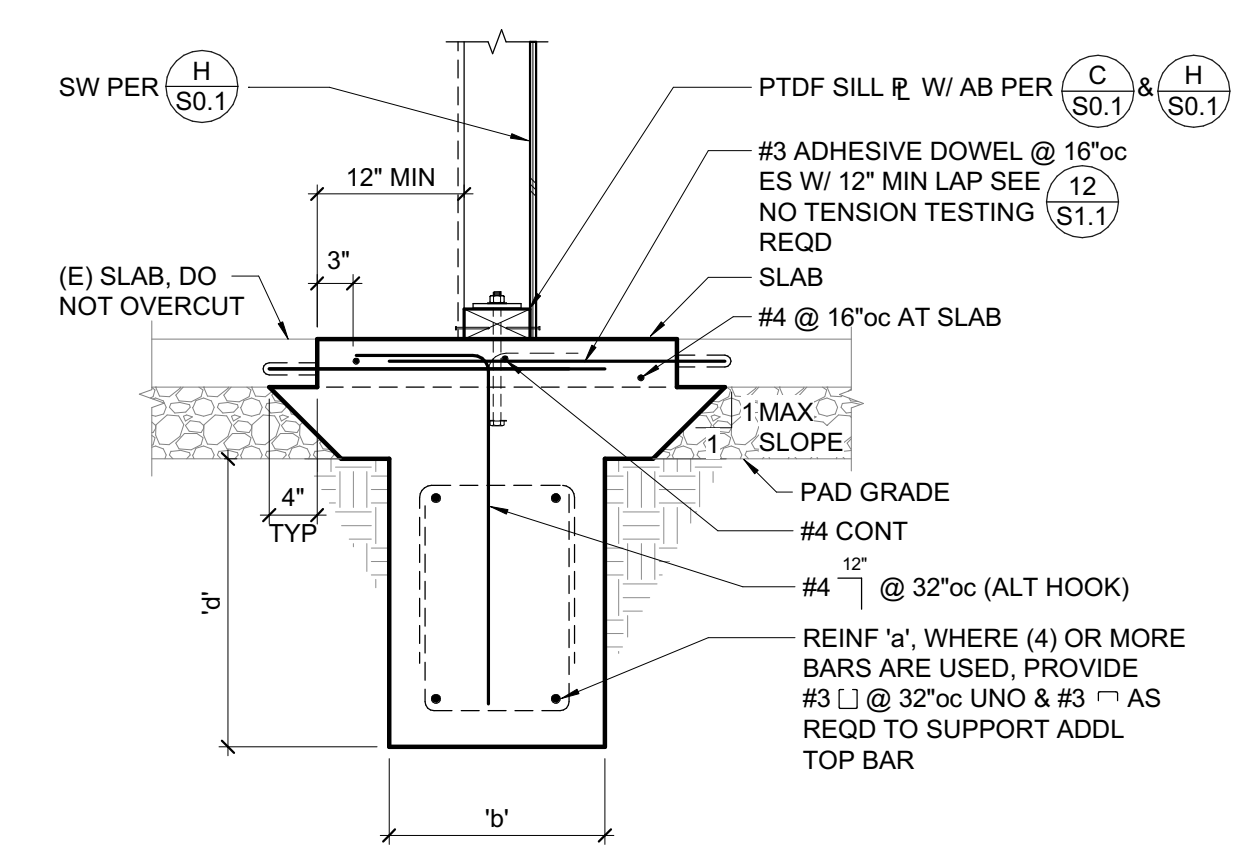
**ZFA STRUCTURAL ENGINEERS**  
 1390 el camino real | suite 100 zfa.com  
 san carlos ca 94070 650.394.8869  
 zfa job no. 21479 copyright © 2021

NO.	DESCRIPTION	DATE

JOB NO. 21479 KENSINGTON PUBLIC SAFETY BUILDING

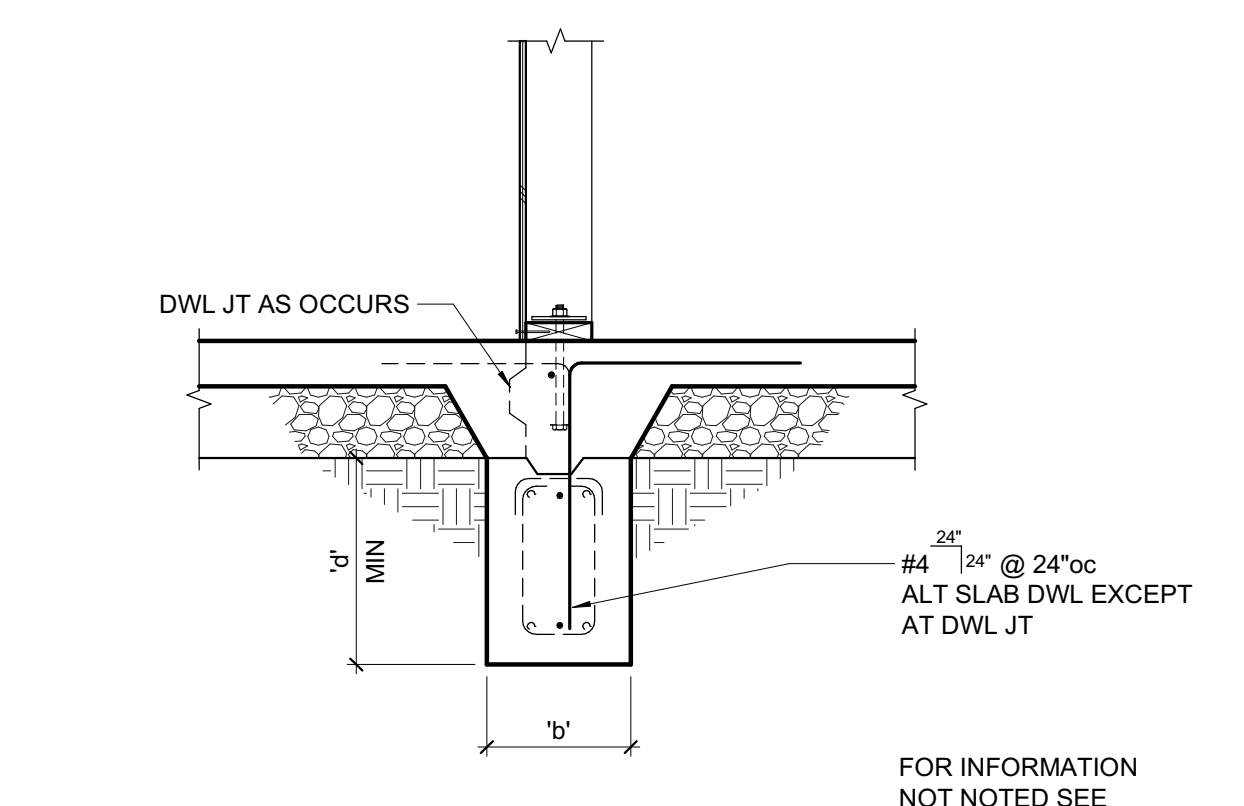
DESCRIPTION  
**FOUNDATION DETAILS**

**S4.1**

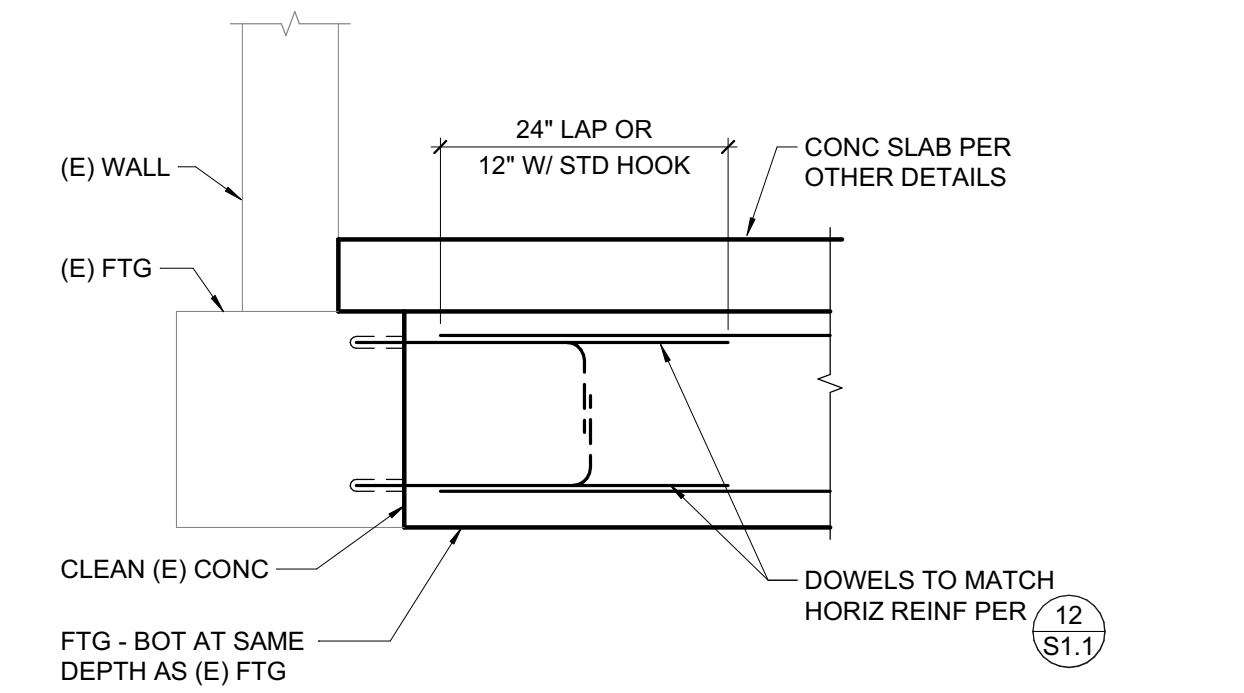


MARK	'b'	'd'	REINF 'a'	NOTES
CF24			(1) #5 T&B	

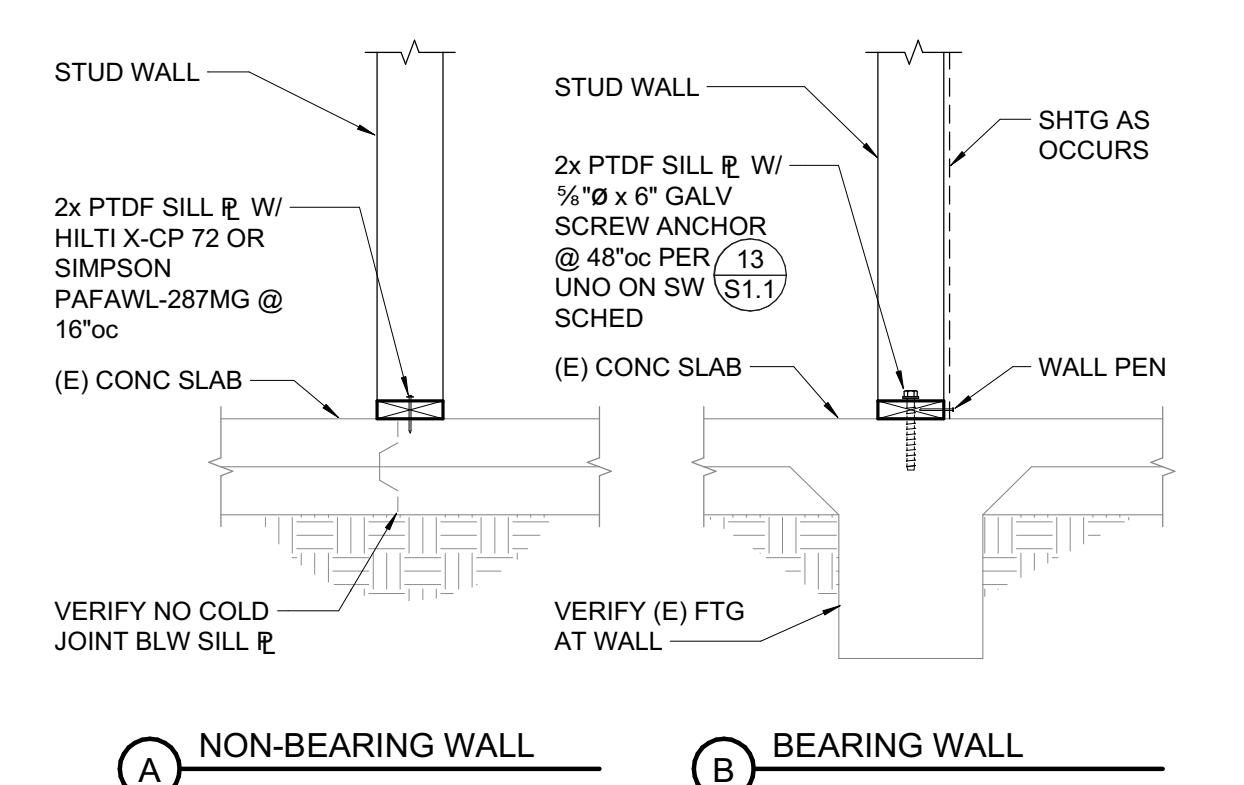
**1 NEW FOOTING AT EXISTING SLAB**  
 3/4" = 1'-0"



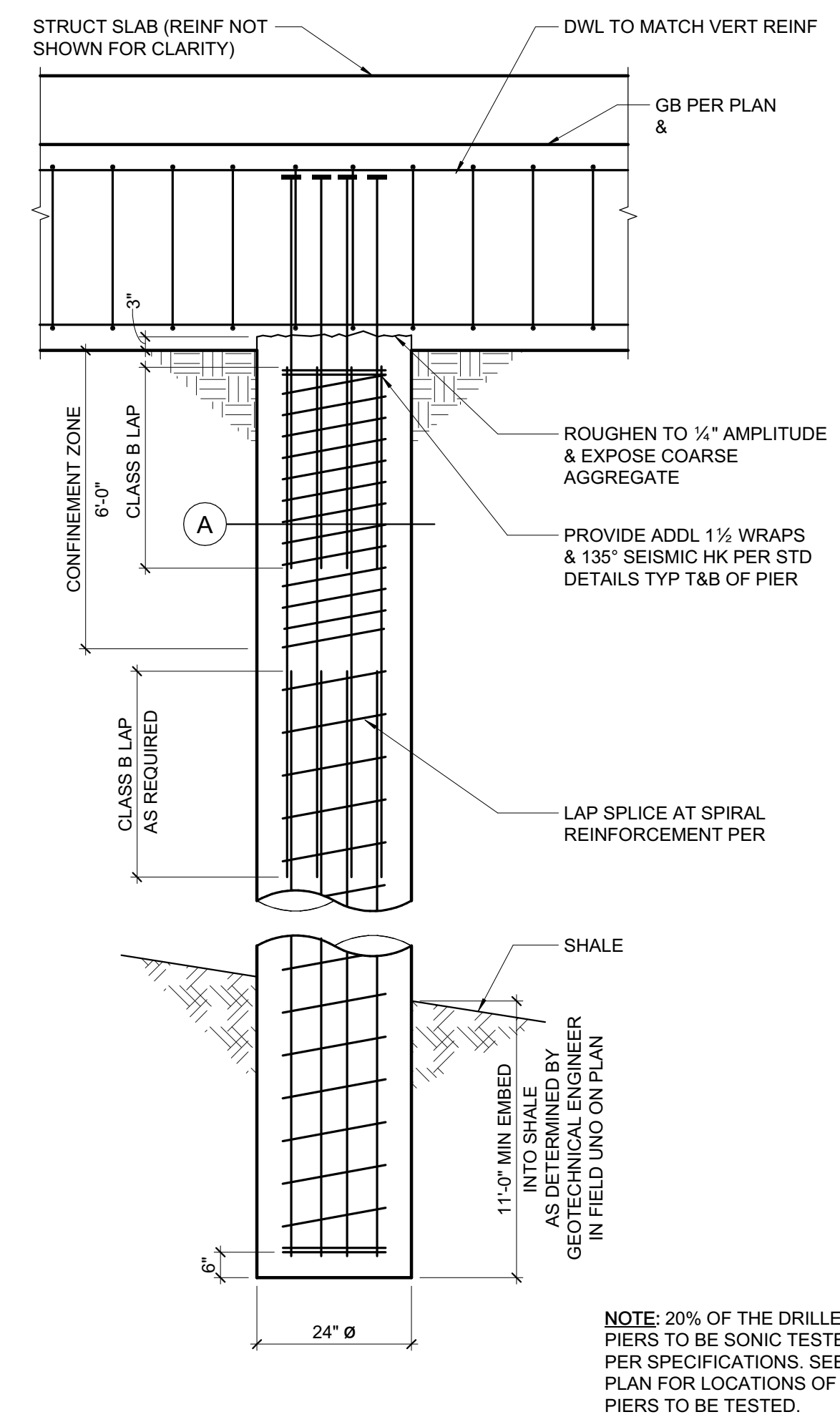
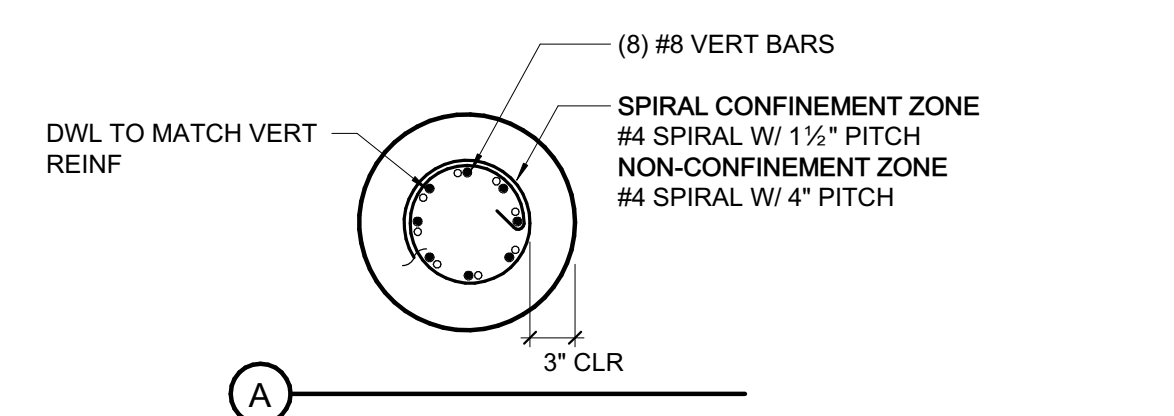
**2 INTERIOR FOOTING AT SHEAR WALL**  
 3/4" = 1'-0"



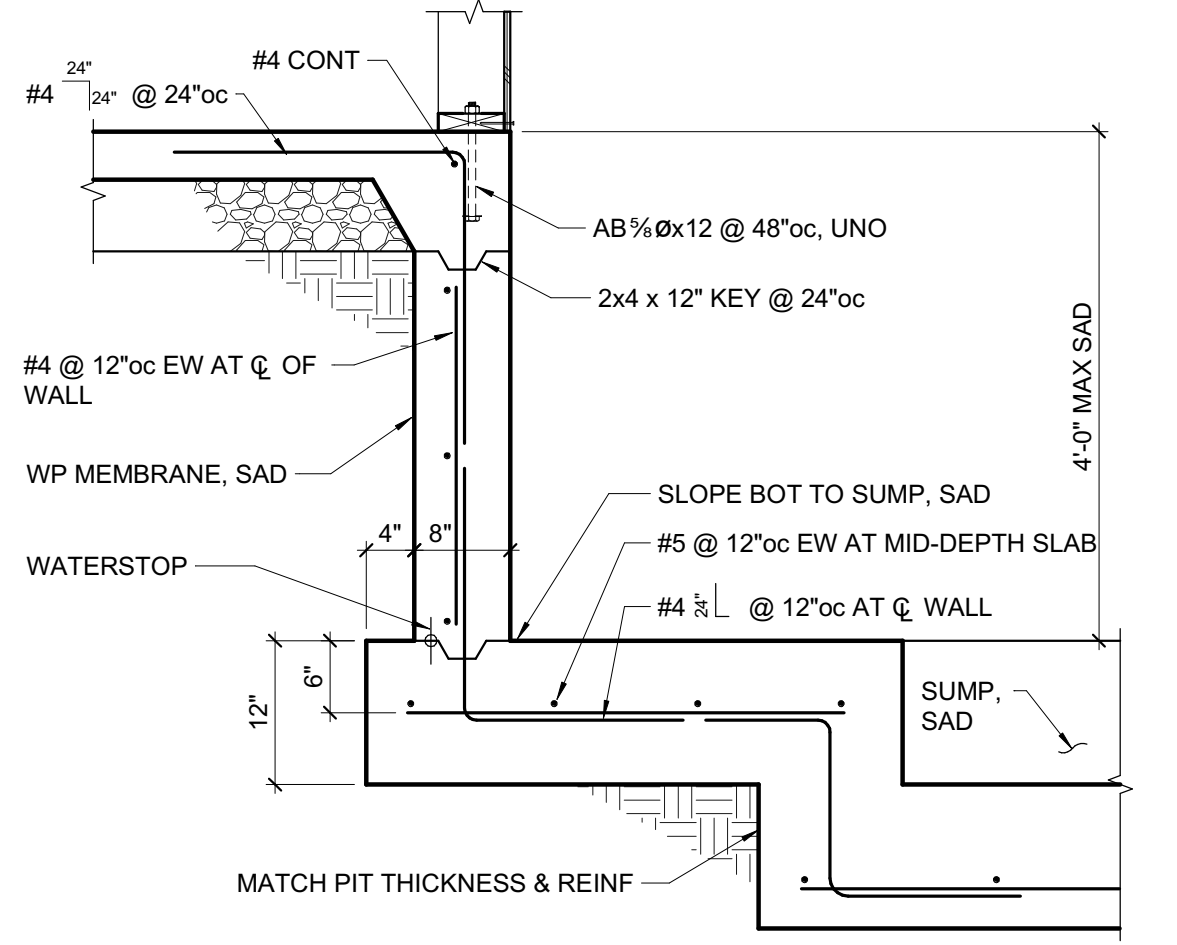
**3 NEW FOOTING TO EXISTING FOOTING**  
 3/4" = 1'-0"



**4 NON BEARING & BEARING WALLS AT (E) SLAB/FOOTING**  
 3/4" = 1'-0"  
 PROGRESS PRINT - NOT FOR CONSTRUCTION

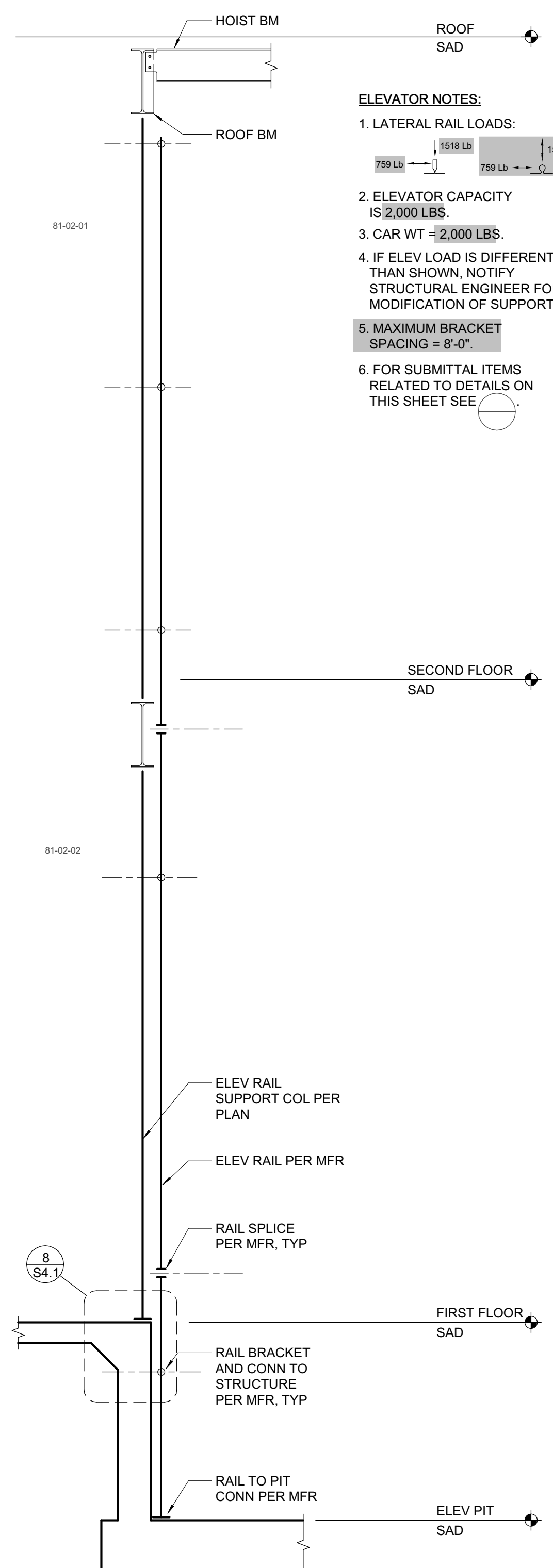


**5 DRILLED PIER BELOW GRADE BEAM**  
 3/4" = 1'-0"



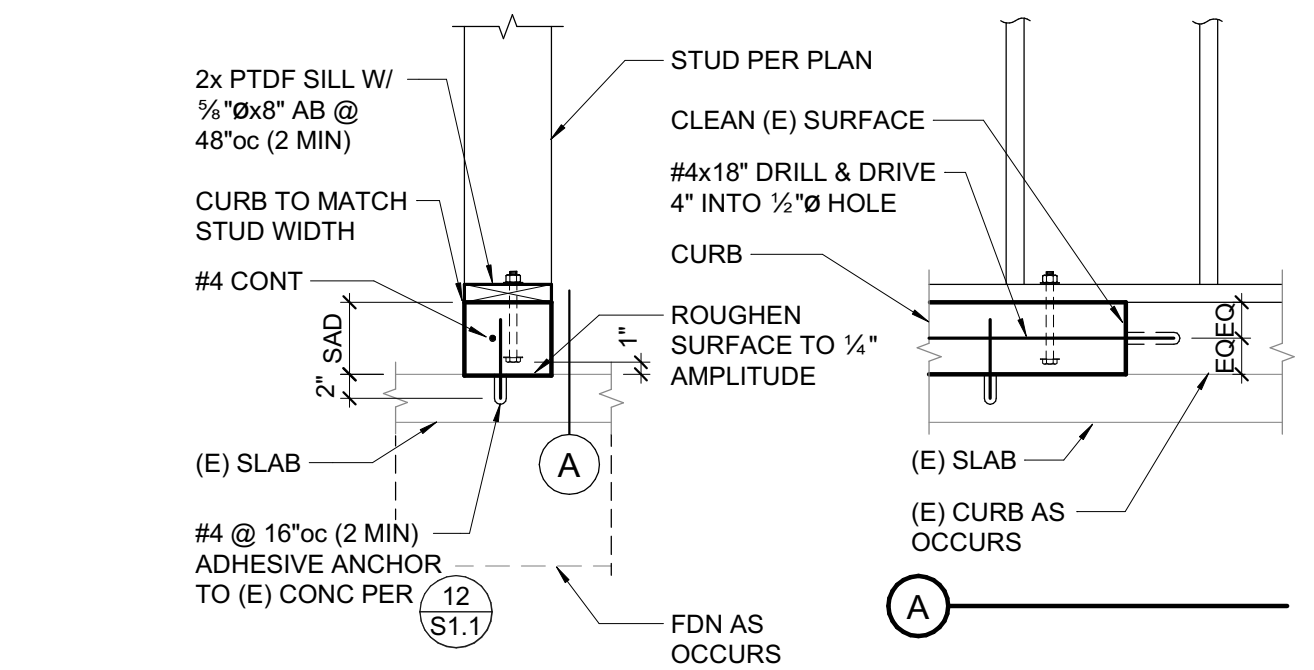
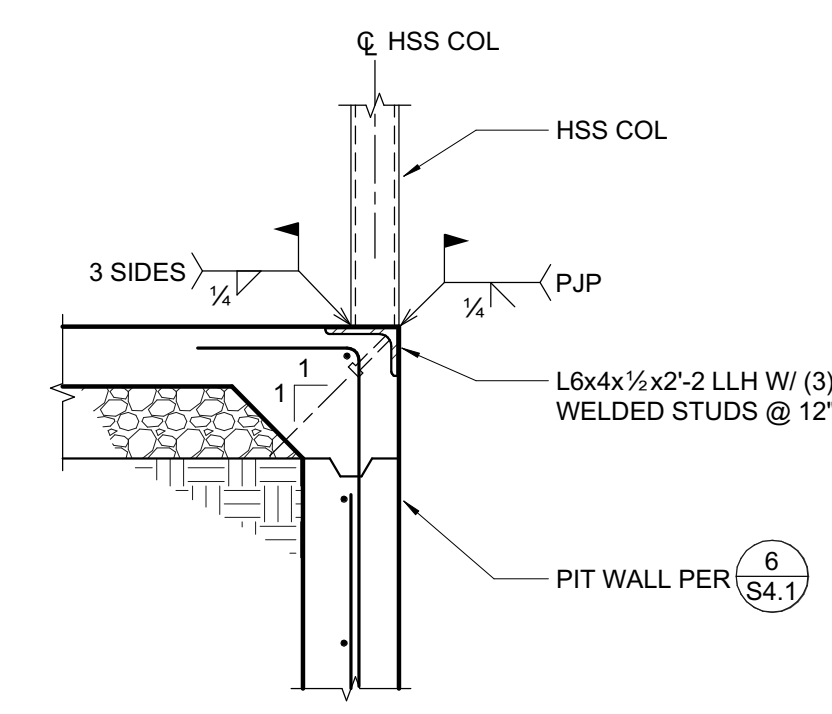
**6 ELEVATOR PIT**  
 3/4" = 1'-0"

- ELEVATOR NOTES:**
1. LATERAL RAIL LOADS:
  2. ELEVATOR CAPACITY IS 2,000 LBS.
  3. CAR WT = 2,000 LBS.
  4. IF ELEV LOAD IS DIFFERENT THAN SHOWN, NOTIFY STRUCTURAL ENGINEER FOR MODIFICATION OF SUPPORT.
  5. MAXIMUM BRACKET SPACING = 8'-0".
  6. FOR SUBMITTAL ITEMS RELATED TO DETAILS ON THIS SHEET SEE (S4.1)

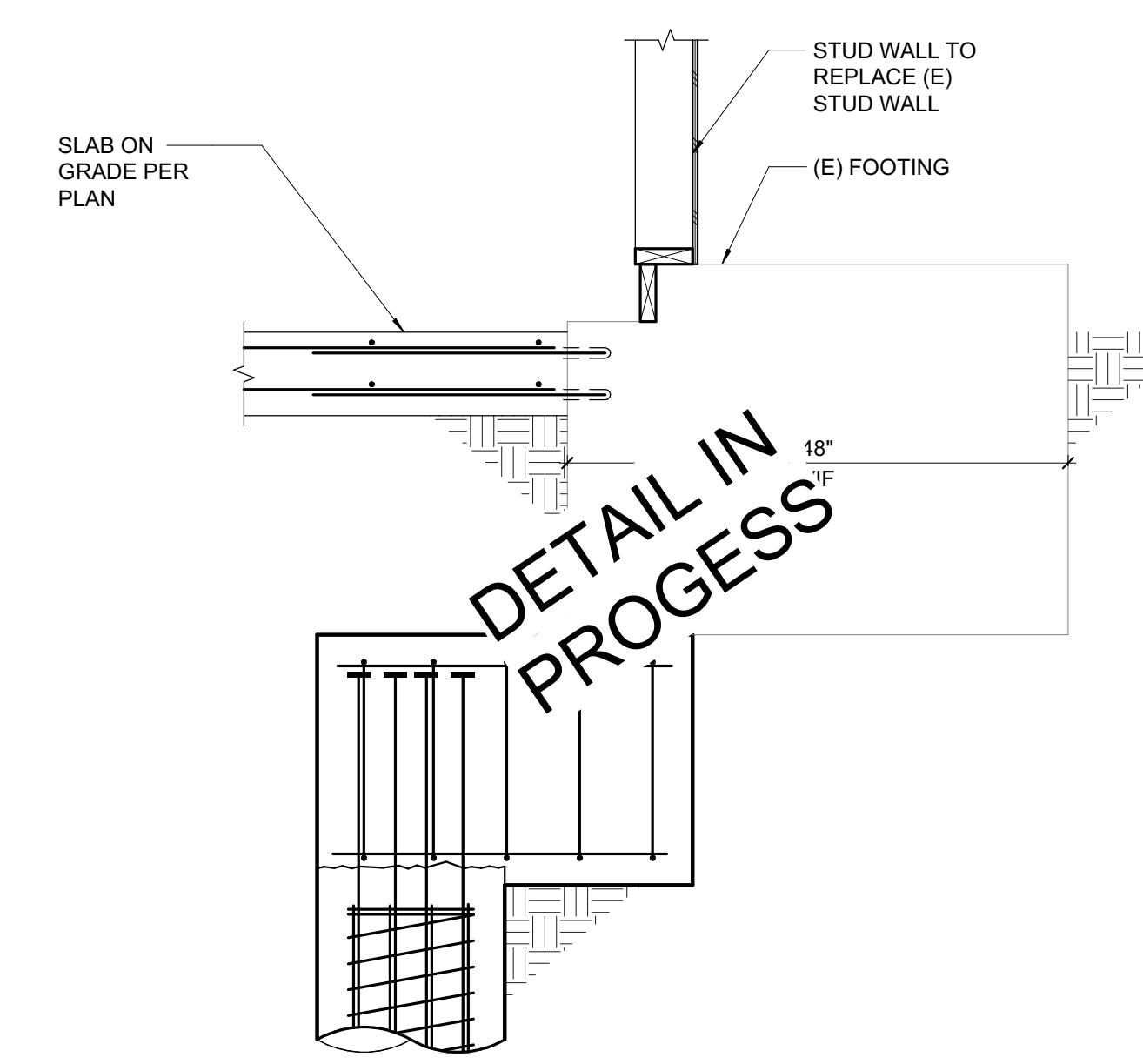


**7 ELEVATOR RAIL**  
 1/4" = 1'-0"

**8 ELEVATOR RAIL SUPPORT AT PIT**  
 3/4" = 1'-0"



**9 NEW CURB AT EXISTING SLAB**  
 3/4" = 1'-0"



**10 DRILLED PIER BELOW EXISTING GRADE BEAM**  
 3/4" = 1'-0"

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LOUVER SCHEDULE									
CODE	LOCATION	HEIGHT	WIDTH	CFM	PRESS. DROP	WT	PIN	MFG.	REMARKS

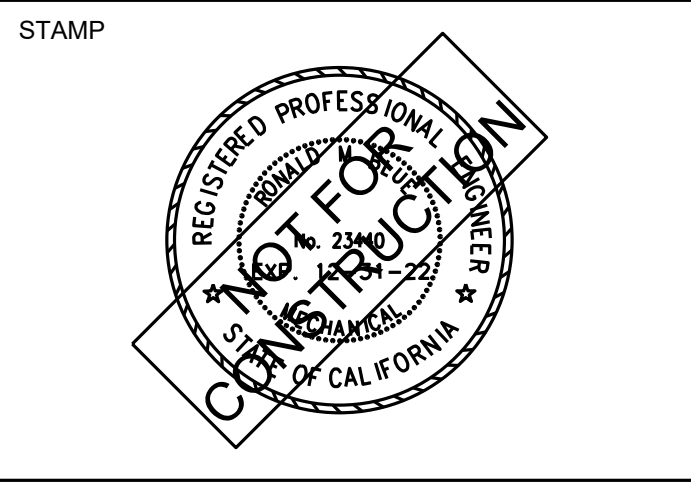
### SYMBOLS & ABBREVIATIONS (MECHANICAL)

	BT BYPASS TIMER	EC ELECTRICAL CONTRACTOR
	CL CENTER LINE	EDB ENTERING DRY BULB
	CD CONDENSATE DRAIN	EOD EXTENT OF DEMOLITION
	∅ DIAMETER	ETR EXISTING TO REMAIN
	ERSD EXHAUST, RETURN, SUPPLY AIR DUCT (EXISTING)	EWB ENTERING WET BULB
	ERSDN EXHAUST, RETURN, SUPPLY AIR DUCT (NEW)	EWT ENTERING WATER TEMPERATURE
	∅ EXTENT OF DEMOLITION	*F DEGREES FAHRENHEIT
	ED EXHAUST DUCT UP, DOWN, PENE & DEMO	FC FLEXIBLE CONNECTION
	FSD FIRE/SMOKE DAMPER	FD FIRE DAMPER
	FD FIRE DAMPER	FLA FULL LOAD AMPS
	POC POINT OF CONNECTION	FSD FIRE SMOKE DAMPER
	P/T P/T PLUG	FT.HD. FEET HEAD
	RA RETURN OR EXHAUST AIR	FTR FLUE THRU ROOF
	RD RETURN DUCT UP, DOWN, PENE & DEMO	GC GENERAL CONTRACTOR
	SCS SPEED CONTROL SWITCH	GPM GALLONS PER MINUTE
	SID SPIN-IN EXTRACTOR/DAMPER	HP HORSE POWER
	SD SUPPLY DUCT UP, DOWN, PENE & DEMO	KW KILOWATTS
	SOA SUPPLY OR OUTSIDE AIR	LBS POUNDS
	T48 THERMOSTAT at + 48"	LWT LEAVING WATER TEMPERATURE
	X TO BE REMOVED	MBH 1,000 BTU/HR
	TA TRANSFER AIR	MC MECHANICAL CONTRACTOR
	TV TURNING VANES	(N) NEW
	VD VOLUME DAMPER	NIC NOT IN CONTRACT
AD	ACCESS DOOR	NTS NOT TO SCALE
AFF	ABOVE FINISH FLOOR	OBD OPPOSED BLADE DAMPER
AL	ACOUSTICALLY LINED	OSA OUTSIDE AIR
AP	ACCESS PANEL	PC PLUMBING CONTRACTOR
BD	BALANCING DAMPER	PENE PENETRATION
BDD	BACKDRAFT DAMPER	PD PRESSURE DROP
BHP	BRAKE HORSE POWER	PH PHASE
BJ	BETWEEN JOIST	POC POINT OF CONNECTION
BTU	BRITISH THERMAL UNIT	P/N PART NUMBER
C	CONDUIT	PRV PRESSURE REDUCING VALVE
CA	COMBUSTION AIR	PSI POUNDS PER SQUARE INCH
CD	CONDENSATE DRAIN	P/T PRESSURE / TEMPERATURE
CFM	CUBIC FEET PER MINUTE	RA RETURN AIR
DEMO	DEMOLITION	RAD RETURN AIR DUCT
CHWS	CHILLED WATER SUPPLY	(RL) RELOCATE
CHWR	CHILLED WATER RETURN	RPM REVOLUTIONS PER MINUTE
DL	DOOR LOUVER	SA SUPPLY AIR
(E)	EXISTING	SAD SUPPLY AIR DUCT
EAD	EXHAUST AIR DUCT	SD SUPPLY DIFFUSER
		SP STATIC PRESSURE
		SS STAINLESS STEEL
		STD STANDARD
		TV TURNING VANES
		TYP TYPICAL
		UCD UNDERCUT DOOR
		UON UNLESS OTHERWISE NOTED
		V VOLT
		VD VOLUME DAMPER
		VIF VERIFY IN FIELD
		W WITH
		WC WATER COLUMN
		WT WEIGHT
		W/O WITH OUT

### GENERAL MECHANICAL NOTES

- ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA MECHANICAL CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA BUILDING CODE, NATIONAL FIRE PROTECTION CODES, AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24.
- LOCATIONS 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.
- 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.
- ALL 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 APPLICABLE SMACNA STANDARDS.
- DUCTWORK SHALL BE INSULATED WITH 2" FIBERGLASS INSULATION AND ALL SERVICE JACKET. PROVIDE 1" ACOUSTICAL LINER WHERE SHOWN ON PLANS. DUCT DIMENSIONS ON PLANS ARE NET CLEAR INTERIOR.
- MANUAL DAMPERS SHALL BE PROVIDED IN ALL DUCT BRANCHES TO INDIVIDUAL DIFFUSERS, GRILLES AND REGISTERS.
- ALL EQUIPMENT, DUCTS, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHERPROOFED.
- PIPES 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.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED BY AN APPROVED MATERIAL AS PRESCRIBED IN CBC SECTION 714.
- 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.
- FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING, DUCTWORK AND EQUIPMENT PRIOR TO FABRICATION OF ANY NEW WORK.
- 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.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE HOSPITAL IN ACCORDANCE WITH THE 2010 EDITION OF THE TITLE 24 CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24 CCR, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.
- ATTACHMENTS OF EQUIPMENT WEIGHING LESS THAN 400 LBS. AND SUPPORTED DIRECTLY FROM THE FLOOR OR ROOF STRUCTURE, FURNITURE OR TEMPORARY OR MOVEABLE EQUIPMENT WEIGHING LESS THAN 20 LBS. THAT IS SUPPORTED BY VIBRATION ISOLATOR DEVICES SUSPENDED FROM THE ROOF, WALL OR FLOOR NEED NOT BE DETAILED ON THE PLANS (CCR TITLE 24, PART 2, SECTION 7.125 EXCEPTION). HOWEVER, SUCH EQUIPMENT MUST BE SUPPORTED AND ANCHORED TO RESIST THE FORCES PRESCRIBED PER ASCE-7, CHAPTER 13 AS MODIFIED BY CBC 16131615 AND THE ANCHORAGE SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD AND OSHPD. THE INSPECTOR OF RECORD SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.
- ROOFTOP UNIT ANCHORAGE: PROVIDE 3/8" DIA. EYEBOLTS THROUGH ROOFCURB WITH 1/8" DIA. STAINLESS STEEL AIRCRAFT CABLE LOOPS THROUGH RTU LIFTING LUGS. PROVIDE 1/8" SLACK IN LOOP. MIN. 4 PER UNIT.
- DUCTWORK VISIBLE THROUGH DIFFUSERS AND REGISTERS SHALL BE PAINTED FLAT BLACK.
- INSULATION MATERIAL SHALL MEET THE STATE QUALITY STANDARD PER SECTION 120.4 OF THE 2019 CALIFORNIA ENERGY CODE (CEC).
- DOORS AND WINDOWS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER SECTION 118 CEC.
- ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTION 120.3 AND TABLE 120.3-A.
- ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PER SECTIONS 112 AND 122 CEC.
- ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE REQUIREMENTS OF SECTIONS 111-113, 115, AND 120-129 CEC.
- MC SHALL PROVIDE CONCRETE INSERTS FOR HANGING EQUIPMENT, COORD. W. GC.

**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



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  
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 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  
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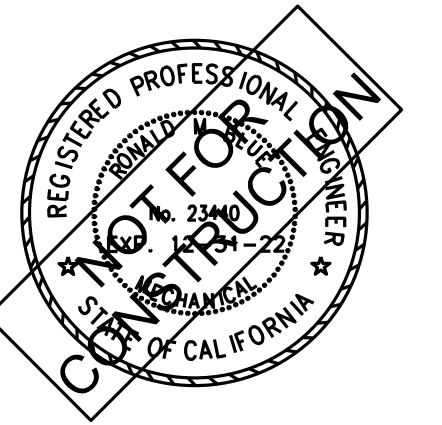
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 T: (415) 826-9626

JOB NO. **0000** **KENSINGTON PUBLIC SAFETY BUILDING**

DESCRIPTION **MECHANICAL - TITLE SHEET**

**M001**

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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 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  
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JOB NO. **KENSINGTON  
 0000 PUBLIC SAFETY  
 BUILDING**

DESCRIPTION  
**MECHANICAL -  
 SCHEDULE**

**M002**

VRF OUTDOOR UNIT SCHEDULE																	
MARK	DESCRIPTION	LOCATION	NOMINAL CAPACITY TONS	CAPACITY (BTUH)		MCA	MOCp	ELECT V/PH	EFFICIENCY IEER	REFRIGERANT	CONTROL	WEIGHT (LBS)	SIZE L x W x H (IN)	PART NUMBER	MFG	REMARKS	
				COOLING	HEATING												
OU-1	HEAT RECOVERY VRF CONDENSER	ROOF	5	60,000	64,000	25	40	230/1		R-410A		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		R-410A		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		R-410A		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		R-410A		159	37-13/32" x 13" x 32-27/32"	ARUN024GSS4	LG	1	

NOTES:

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

VRF INDOOR UNIT/ BRANCH CONTROLLER SCHEDULE																					
MARK	DESCRIPTION	AREA SERVES	DCV	NOMINAL TONS	CAPACITY (BTUH)		CFM	SA TEMP CLG. DB / HTG	OSA CFM	ESP (IN)	ELECTRICAL			CONTROL	SOUND dBA	WEIGHT (LBS)	SIZE (IN)	PART NO.	MFG	REMARKS	
					CLG S / T	HEATING					MCA	MOCp	V/PH								
IU-1	4-WAY CASSETTE (2x2)	LOBBY			5,500	6,100	265					0.25	15	230/1	THERMOSTAT	29	36	22-7/16" x 22-7/16" x 8-7/16"	ARNU053TRD4	LG	CONNECT TO BC-1.1.
IU-2	4-WAY CASSETTE (2x2)	STAFF			5,500	6,100	265					0.25	15	230/1	THERMOSTAT	29	36	22-7/16" x 22-7/16" x 8-7/16"	ARNU053TRD4	LG	CONNECT TO BC-1.1.
IU-3	4-WAY CASSETTE (3x3)	ADMINISTRATION			7,500	8,500	459					0.71	15	230/1	THERMOSTAT	29	66.6	33-1/16" x 33-1/16" x 9-11/16"	ARNU073TNA4	LG	CONNECT TO BC-1.1.
IU-4	4-WAY CASSETTE (3x3)	MEETING			9,600	10,900	477					0.71	15	230/1	THERMOSTAT	29	66.6	33-1/16" x 33-1/16" x 9-11/16"	ARNU093TNA4	LG	CONNECT TO BC-1.1.
IU-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	CONNECT TO BC-1
IU-6	4-WAY CASSETTE (2x2)	HALL 1			5,500	6,100	265					0.25	15	230/1	THERMOSTAT	29	36	22-7/16" x 22-7/16" x 8-7/16"	ARNU053TRD4	LG	CONNECT TO BC-1.1.
IU-7	4-WAY CASSETTE (2x2)	HALL 2			5,500	6,100	265					0.25	15	230/1	THERMOSTAT	29	36	22-7/16" x 22-7/16" x 8-7/16"	ARNU053TRD4	LG	CONNECT TO BC-1.1.
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	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	CONNECT TO BC-2
IU-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	CONNECT TO BC-2
IU-11	WALL MOUNT	HALL 3			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	CONNECT TO BC-2
IU-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	CONNECT TO BC-2
IU-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	CONNECT TO BC-3
IU-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	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	CONNECT TO BC-3
IU-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	CONNECT TO BC-3
IU-17	HIGH STATIC DUCTED	KITCHEN			36,200	40,600	1,730			0.70	6.50	15	230/1	THERMOSTAT	46	192	61-1/2" x 27-1/8" x 18-1/8"	ARNU363B8A4	LG	CONNECT TO BC-3	
IU-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	CONNECT TO OU-4
					EACH PORT	SUM OF PORTS															
BC-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	
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	
BC-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	

NOTES:

- PROVIDE OUTSIDE AIR INTAKE KIT (PTVK430).

ENERGY RECOVERY VENTILATOR																		
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

NOTES:

- HEAT WHEEL, FAN VFDs, DISCONNECT, SMOKE DETECTOR, OSA DAMPER, BACKDRAFT DAMPER, 2" DEFLECTION SPRING ISOLATORS AT FANS, FLANGES, FLEX AND TRANSITIONS AT DUCT CONNECTIONS, ROOF CURB  
 MERV 13 FILTER ON OSA, UL-1812, DIRTY FILTER SENSOR. BALANCE TO AIRFLOWS ON PLANS.
- FANS AND HEAT WHEEL TO RUN CONTINUOUSLY. OSA DAMPER TO CLOSE WHEN ERV IS OFF.

INFRARED RADIANT HEATER													
MARK	DESCRIPTION	LOCATION	HIGH INPUT BTUH	LOW INPUT BTUH	GAS PIPE CONNECTION	AMP	ELECT V/PH	CONTROL	WEIGHT (LBS)	SIZE L x W x H (IN)	PART NUMBER	MFG	REMARKS
IR-1	LOW INTENSITY INFRARED GAS HEATER	ASSEMBLY BAY	45,000	22,000	1/2" NPT	2.6	120/1	WALL SWITCH		111" x 18-1/2" x 8"	RSG 025	STERLING	1.
IR-2	INFRARED GAS HEATER	TURNOUT	35,000	24,000	1/2" NPT	0.1	120/1	WALL SWITCH	55	48" x 12" x 10"	RSW35-N2	STERLING	2.
IR-3	TUNGSTEN 2000W ELECTRIC HEATER	WORKSHOP, DECON				15	208/1	WALL SWITCH	20	44" x 8.5" x 3.5"	BH0420030	BROMIC	3.

NOTES:

- PROVIDE HEAT SHEILD AND MOUNTING. CEILING MOUNT HORIZONTALLY. INSTALL PER MANUFACTURER INSTRUCTIONS. PROVIDE EXHAUST HOOD (Part #42924000) FOR EACH HEATER. ROOM EXHAUST TO BE AT LEAST 4 CFM/ 1000 BTUH INPUT.
- CEILING MOUNT HORIZONTALLY. INSTALL PER MANUFACTURER INSTRUCTIONS. ROOM EXHAUST TO BE AT LEAST 4 CFM/ 1000 BTUH INPUT.
- WALL MOUNT AT 45 DEGREES. INSTALL PER MANUFACTURER INSTRUCTIONS.

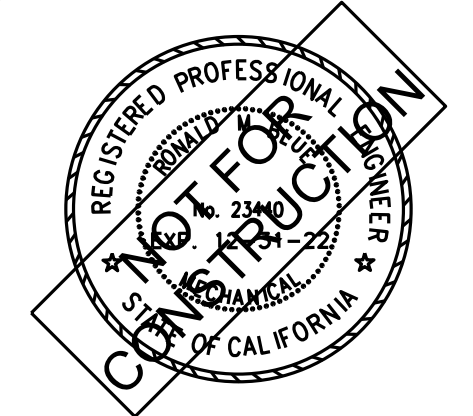


SHEET NOTES

1. X

**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

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

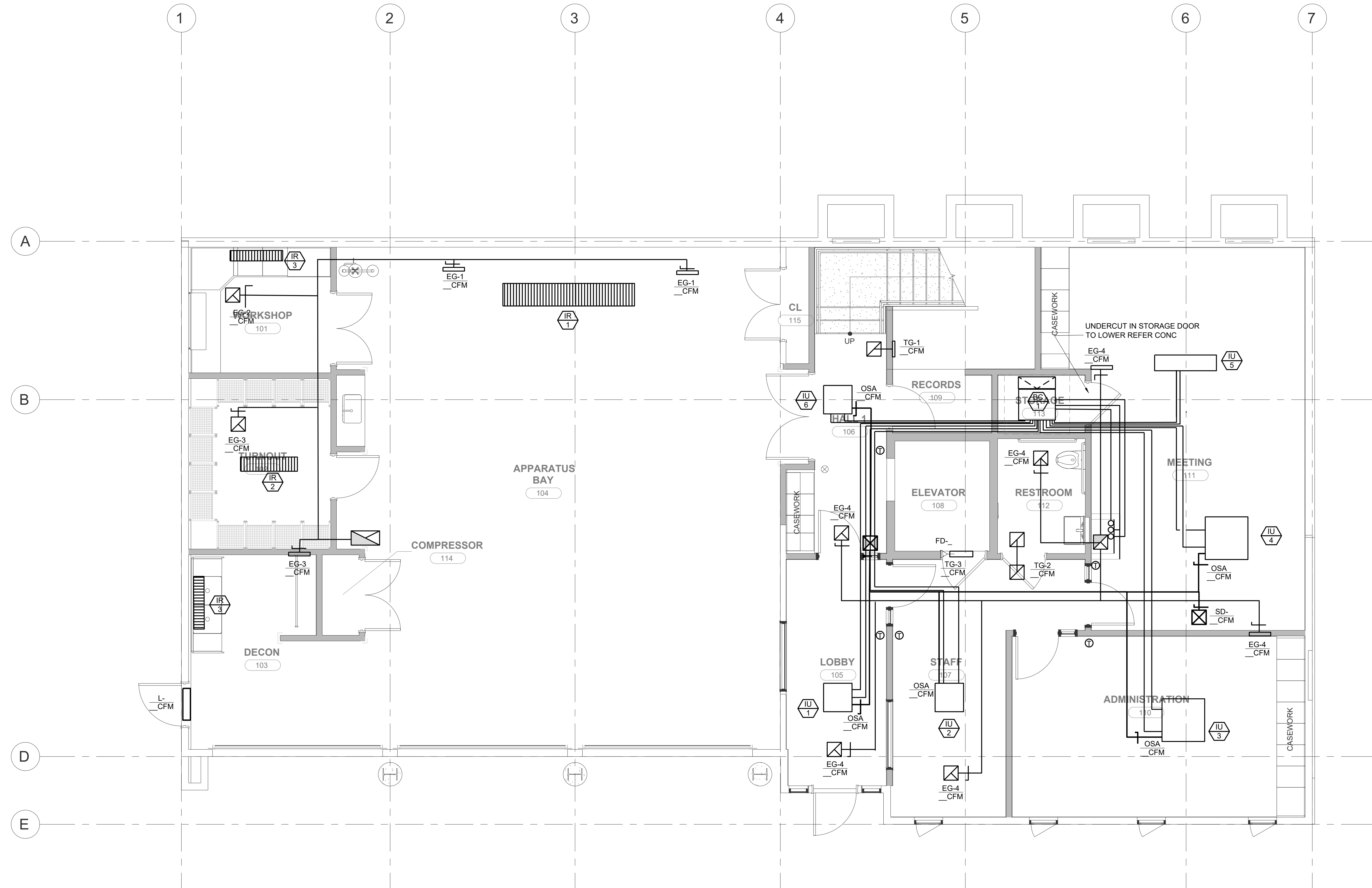
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

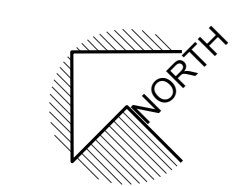
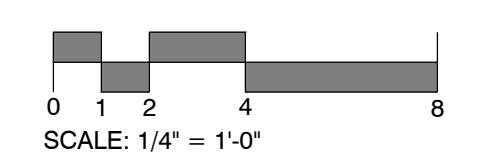
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIOVISUAL: 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



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



JOB NO. **0000 KENSINGTON PUBLIC SAFETY BUILDING**

DESCRIPTION  
**MECHANICAL - GROUND FLOOR PLAN**

**M201**



SHEET NOTES

1. X

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**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 FRANZ  
 T: (650) 394-8869

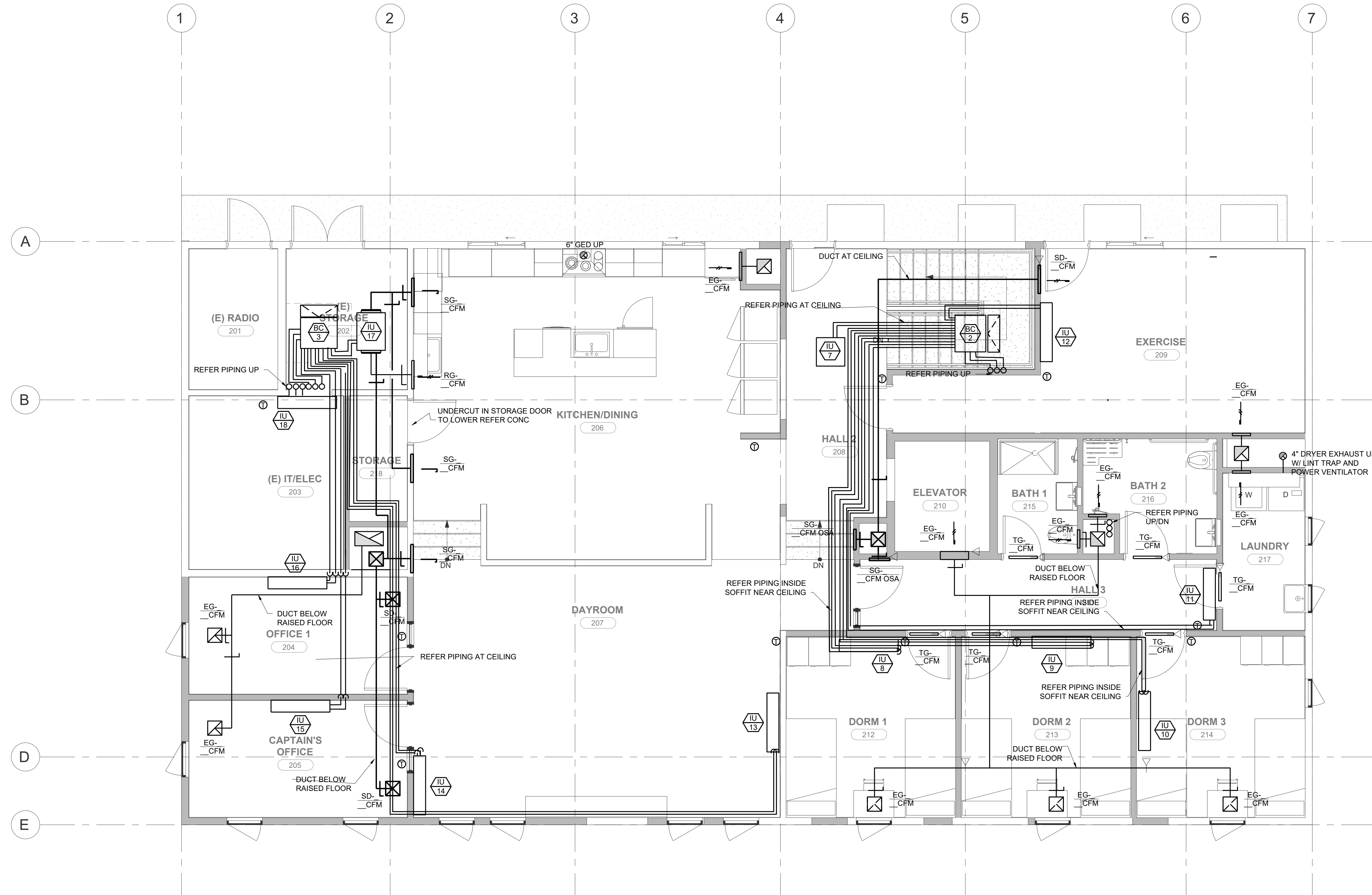
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
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 OAKLAND, CA 94612  
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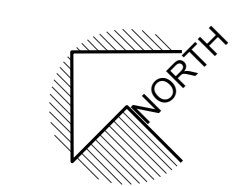
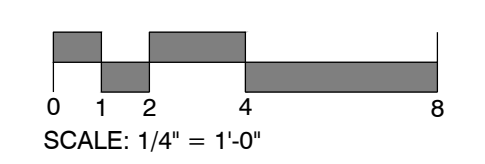
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

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 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



**1 SECOND FLOOR PLAN**  
 M202 SCALE: 1/4" = 1'-0"



JOB NO. **KENSINGTON  
 0000 PUBLIC SAFETY  
 BUILDING**

DESCRIPTION  
**MECHANICAL -  
 SECOND FLOOR  
 PLAN**

**M202**

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 FRANZ  
 T: (650) 394-8869

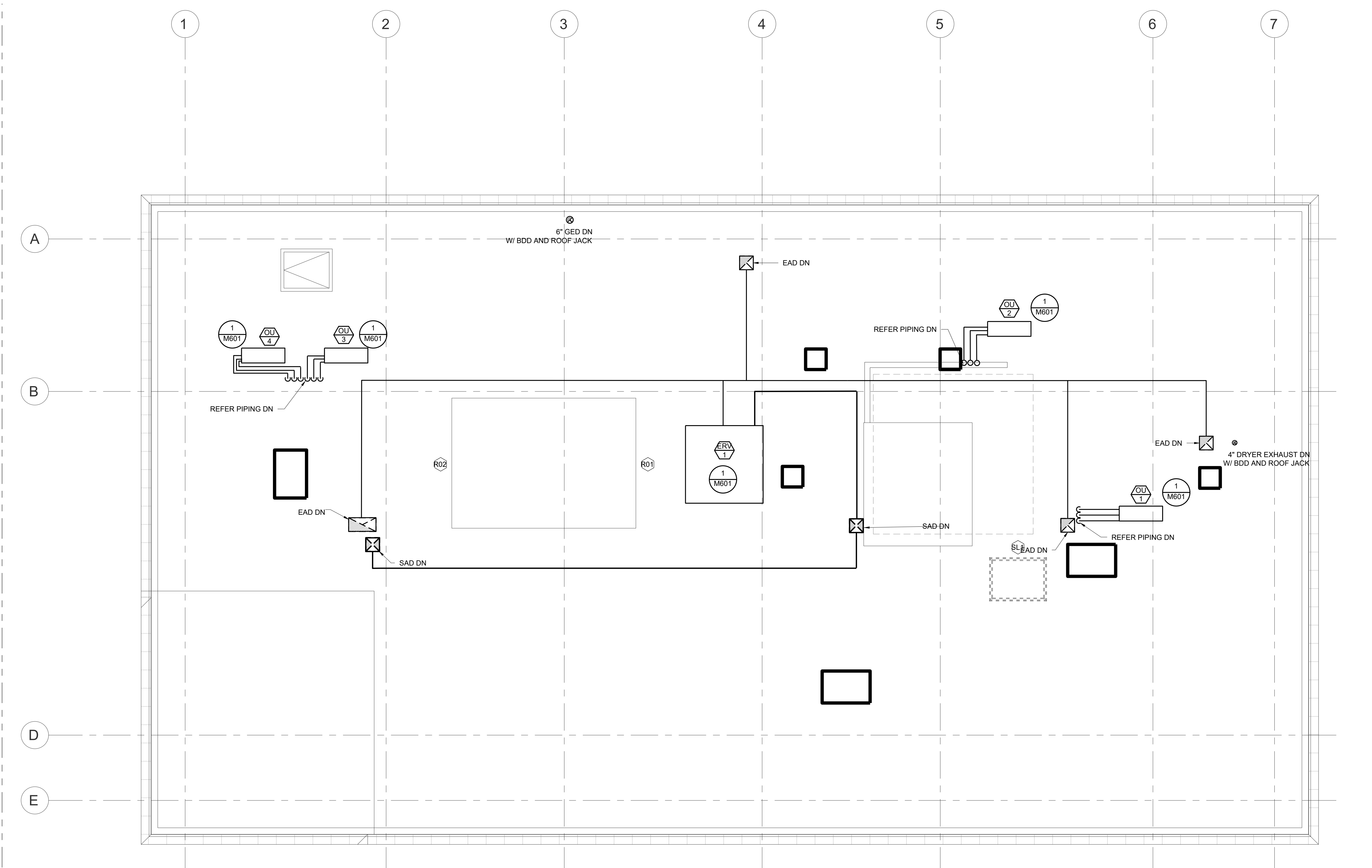
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

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 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

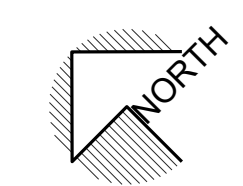
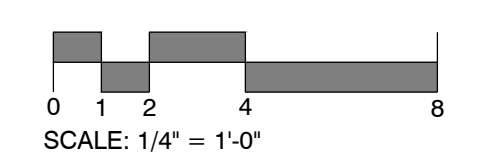
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

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



**1 ROOF PLAN**  
 M203 SCALE: 1/4" = 1'-0"



JOB NO. **0000** **KENSINGTON PUBLIC SAFETY BUILDING**

DESCRIPTION  
**MECHANICAL - ROOF PLAN**

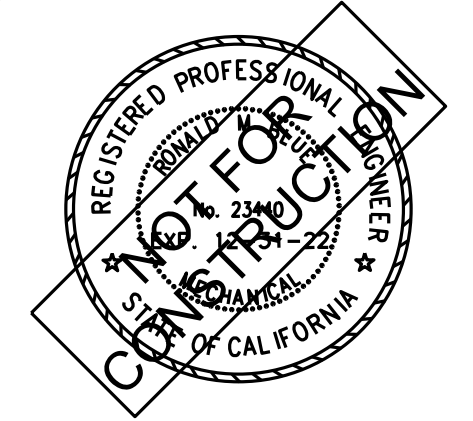
**M203**

**SHEET NOTES**

1. X

**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

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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 FRANZ  
 T: (650) 394-8869

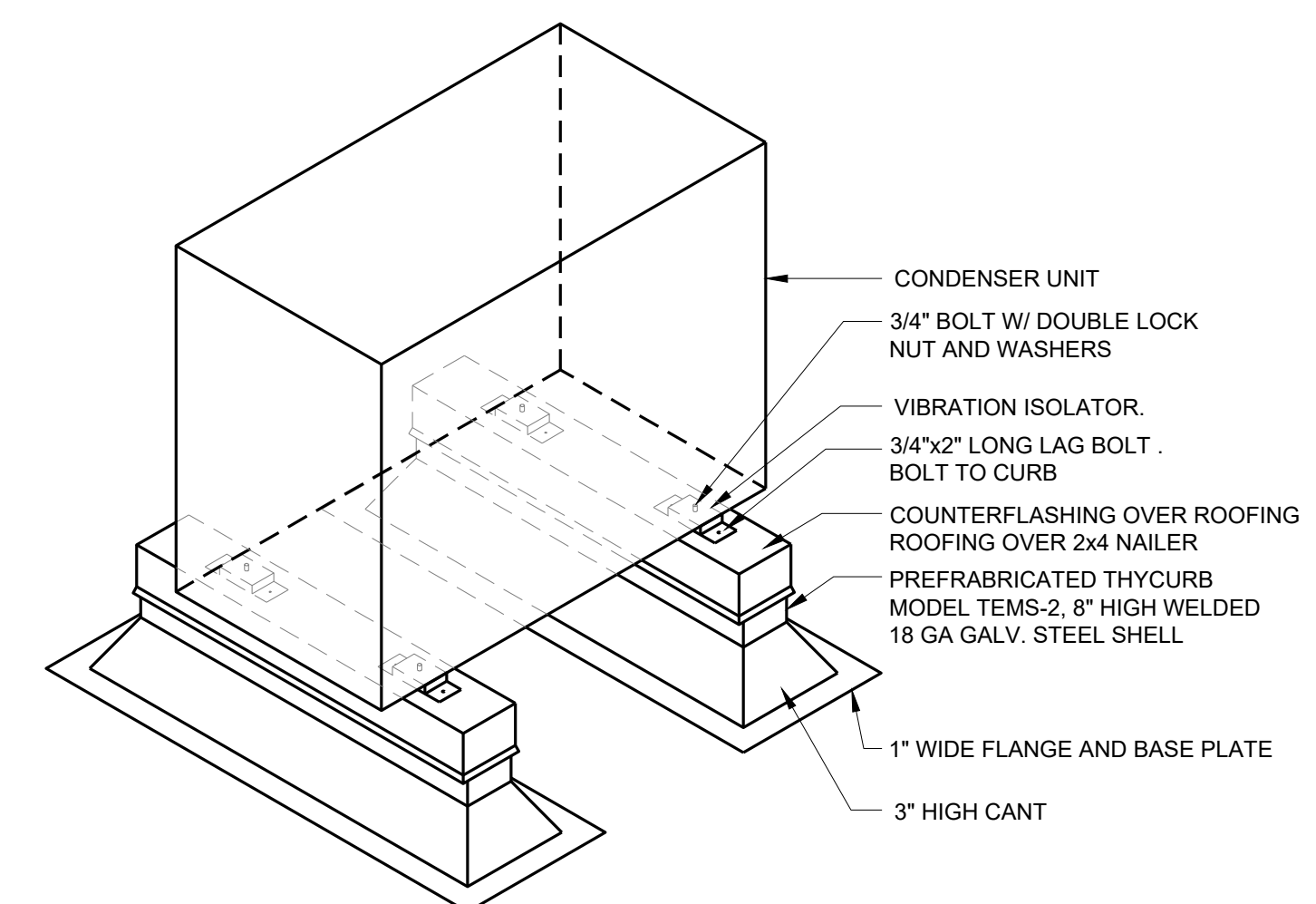
**CIVIL:** BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

**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



**1 ROOFTOP EQUIPMENT SUPPORT DETAIL**  
 M601 NO SCALE

JOB NO. **0000 KENSINGTON PUBLIC SAFETY BUILDING**

DESCRIPTION  
**MECHANICAL - ROOF PLAN**

**M601**



WATER HEATER SCHEDULE												
CODE	LOCATION	SERVICE	GAS MBH INPUT	TANK CAPACITY	GPH @ 100 F RISE	ELECTRICAL		WEIGHT (LBS)	HEIGHT (IN)	PART NO	MFG	REMARKS
						AMP	VOLT	PH				
WH-1	STORAGE	DHW										

PUMP SCHEDULE														
CODE	LOCATION	SERVICE	GPM	FT. HD.	CONN. SIZE	PUMP RPM	MIN % EFF	MOTOR DATA			WT LBS	P/N	MFG.	REMARKS
								H.P.	RPM	VOLT	PH	HZ		
CP-1	ADJACENT TO WATER HEATER	DHWR												

- NOTES:
- LEAD FREE BRONZE.
  - SECURE WITH STEEL STRUTS AND CLAMPS.

EXPANSION TANK SCHEDULE				
SYMBOL	DESCRIPTION	CAPACITY (GAL)	MAKE & MODEL	REMARKS
ET-1	EXPANSION TANK	2.1	WATTS PLT-5	1,2

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

WATER FIXTURE UNIT CALCULATION (SFU) - NEW					
QTY.	DESCRIPTION	FU/FIXTURE	DCW FU	DHW FU	REMARKS
3	WATER CLOSET (TANK)	2.5	7.5	-	
3	LAVATORY	1	3	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	
1	CLOTHES WASHER	4	4	4	
	TOTAL:		27.5	20	
	DEMAND IN GPM:		19	14	

WASTE FIXTURE UNIT CALCULATIONS (DFU)				
QTY.	DESCRIPTION	DFU/FIXTURE	TOTAL DFU	REMARKS
3	WATER CLOSET (TANK)	4	12	
3	LAVATORY	2	0	
2	SHOWER	2	4	
1	DISHWASHER	2	2	
1	SERVICE SINK	3	3	
1	CLOTHES WASHER	2.5	2.5	
	TOTAL:		29.5	

WATER PIPING SIZING CALCULATION	
METER ADDRESS:	
MINIMUM SUPPLY PRESSURE:	55 PSI
MAXIMUM FLOW RATE BASED ON FIXTURE UNITS:	19 GPM
LENGTH OF PIPE FROM METER TO FARTHEST FIXTURE:	125 FT
WATER PRESSURE CALCULATION:	
AVAILABLE PRESSURE:	55 PSI
RESIDUAL PRESSURE:	25 PSI
ELEVATION CHANGE:	10 FT 4 PSI
METER LOSS:	10 PSI
BACKFLOW PREVENTOR LOSS:	10 PSI
PRV LOSS:	0 PSI
MAXIMUM AVAILABLE FRICTION LOSS:	6 PSI
(MAX FRICTION) x 100 / (TOTAL LENGTH) =	4.52 PSI/100FT
(E) WATER SERVICE SIZE:	1-1/2"

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

### SYMBOLS & ABBREVIATIONS (PLUMBING)

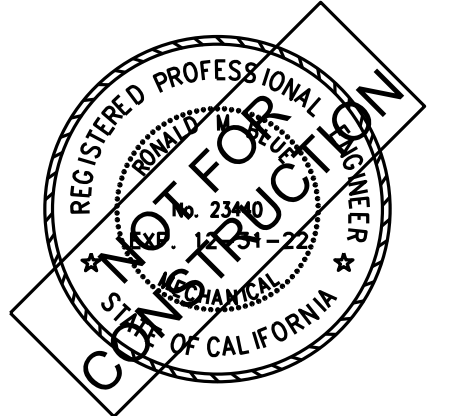
	BALANCING COCK	ABV.CLG.	ABOVE CEILING
	BALL VALVE	AFCD	ACID FLOOR CLEANOUT
	CAP	AFD	ACID RESISTANT FLOOR DRAIN
	CHECK VALVE	AFV	ACID VENT
	CLEANOUT	AGCO	ACID GRADE CLEANOUT
	COMPRESSED AIR PIPING (E)	AP	ACCESS PANEL
	DEIONIZED WATER (EXISTING)	AV	ACID VENT
	DOMESTIC COLD WATER (EXISTING)	AVTR	ACID VENT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

### GENERAL PLUMBING NOTES

- 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.
- LOCATION OF ALL ROOF OPENINGS AND THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT SUPPORTS ARE DETAILED ON THE STRUCTURAL AND ARCHITECTURAL PLANS.
- 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.
- 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.
- ALL EQUIPMENT, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHERPROOFED.
- PIPES SHALL BE SUPPORTED AND BRACED PER SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS."
- 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.
- EXPOSED PIPING ALLOWED ONLY WHERE INDICATED. PROVIDE ESCUTCHEONS IN FINISHED AREAS.
- MAINTENANCE LABEL SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT.
- PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR EQUIPMENT PROVIDED UNDER OTHER DIVISIONS OF THE SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EQUIPMENT.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED BY AN APPROVED MATERIAL AS PRESCRIBED IN CBC SECTION 714.
- 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.
- FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING, DUCTWORK AND EQUIPMENT PRIOR TO FABRICATION OF ANY NEW WORK.
- ALL WATER CLOSETS CONTROLS SHALL BE ON THE SIDE OF THE FIXTURE AWAY FROM THE WALL.
- ALL FAUCET CONTROLS SHALL BE OPERABLE WITH THE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
- PC SHALL PROVIDE CONCRETE INSERTS FOR HANGING PLUMBING EQUIPMENT, COORD. W/ GC.

**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

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  
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

JOB NO. 0000 KENSINGTON  
PUBLIC SAFETY  
BUILDING

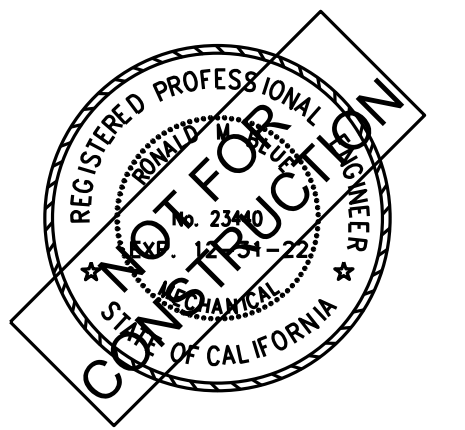
DESCRIPTION  
PLUMBING -  
TITLE SHEET

**P001**

**PLUMBING FIXTURE/EQUIPMENT CONNECTION SCHEDULE**

CODE	DESCRIPTION	ACCESSIBLE	MOUNTING TYPE			GOOSENECK SPOUT	MIN. ROUGH-IN CONN (IN)					LOCATION	REMARKS
			FLOOR	COUNTER TOP	WALL		W	V	CW	HW	NPW		
WC-1	WATER CLOSET	ADA	-	-	*	-	4	2	1/2	-	-	RESTROOM, BATH 2	1.1 GPF, FLUSH VALVE
WC-2	WATER CLOSET	-	-	-	*	-	4	2	1/2	-	-	BATH 1	1.1 GPF, FLUSH VALVE
SH-1	SHOWER	ADA	-	-	*	-	-	-	1/2	1/2	-	BATH 2	1.5 GPM
SH-2	SHOWER	-	-	-	*	-	-	-	1/2	1/2	-	BATH 1	1.5 GPM
L-1	LAVATORY	ADA	-	-	*	-	2	1 1/2	1/2	1/2	-	RESTROOM, BATH 2	0.50 GPM
L-2	LAVATORY	-	-	-	*	-	2	1 1/2	1/2	1/2	-	BATH 1	0.50 GPM
SK-1	KITCHEN SINK	ADA	-	*	-	*	2	1 1/2	1/2	1/2	-	KITCHEN	2.2 GPM
SK-2	KITCHEN SINK	-	-	*	-	*	2	1 1/2	1/2	1/2	-	KITCHEN	2.2 GPM
SK-3	LAUNDRY SINK	-	-	-	*	*	2	1 1/2	1/2	1/2	-	LAUNDRY	
SK-4	SERVICE SINK	-	*	-	*	*	2	1 1/2	1/2	1/2	-	DECON	1.2 GPM
CW-1	CLOTHES WASHER	-	*	-	-	-	2	1 1/2	1/2	1/2	-	LAUNDRY	PROVIDE WITH WHA
FD-1	FLOOR DRAIN	-	*	-	-	-	2	1 1/2	-	-	1/2"		TRAP PRIMER CONNECTION
FS-1	FLOOR SINK	-	*	-	-	-	2	1 1/2	-	-	1/2"		TRAP PRIMER CONNECTION
ES-1	EMERGENCY SHOWER/ EYEWASH	-	-	-	*	-	-	-	1-1/4"	1-1/4"	-	ASSEMBLY BAY	VACUUM BREAKER, 20GPM
HB-1	HOSE BIBB	-	-	-	*	-	-	-	3/4"	-	-	EXTERIOR	VACUUM BREAKER
DF-1	DRINKING FOUNTAIN												1.5 GPM
RD-1	ROOF DRAIN	-	*	-	-	-	2	1 1/2	-	-	1/2"	ROOF	TRAP PRIMER CONNECTION
OFD-1	OVERFLOW DRAIN	-	*	-	-	-	2	1 1/2	-	-	1/2"	ROOF	TRAP PRIMER CONNECTION
SOI-1	SAND & OIL INTERCEPTOR	-	-	-	-	-	4"	3"	-	-	-		STRIEM OS-100, BURRIED, TO SANITARY SEWER

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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 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

**PIPE MATERIAL SCHEDULE**

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 & DOMESTIC HOT WATER RETURN	ABOVE GROUND	ALL	TYPE "L" COPPER HARD	WROT SOLDER	95-5 SOLDER	2
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.

**INSULATION SCHEDULE**

SYSTEM TYPE	FLUID TEMP RANGE (°F)	PIPE SIZE					INSULATION TYPE	COVER ON JACKET TYPE	FITTING INSULATION TYPE	FITTING JACKET TYPE
		<1"	1 1/4"- 2"	2 1/2"- 4"	5"-6"	6"				
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"	1/2"			3	5	3	3
EXTERNAL DUCT WRAP	N/A		1 1/2"				2	N/A	N/A	N/A

TYPE:

1. GLASS FIBER WITH PREFORMED PIPE INSULATION WITH STANDARD JACKET.
2. GLASS FIBER BLANKET INSULATION WITH VAPOR BARRIER R4.2 MIN.
3. FLEXIBLE ELASTOMETRIC CELLULAR INSULATION (I.E. "ARMSTRONG ARNAFLEX")
4. CELLULAR GLASS FORMED PIPE INSULATION.
5. ALUMINUM JACKET.
6. POLYETHYLENE POLYPROPYLENE.

NOTES:

1. ON BRANCH LINES 10' LONG & CONN. DIRECTLY TO FIXTURE OR TERMINAL UNIT USE 1/2" INSULATION.
2. DIMESTIC 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.

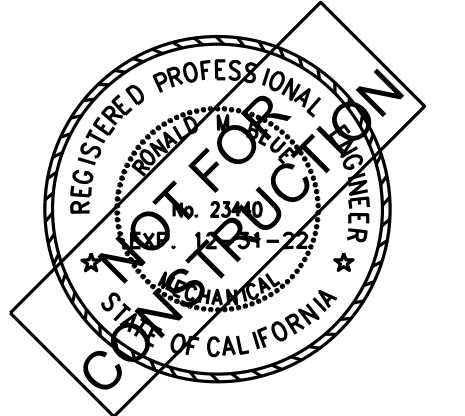
JOB NO. **0000** **KENSINGTON PUBLIC SAFETY BUILDING**

DESCRIPTION  
**PLUMBING - SCHEDULE**

**P002**



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 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

AUDIOVISUAL: 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

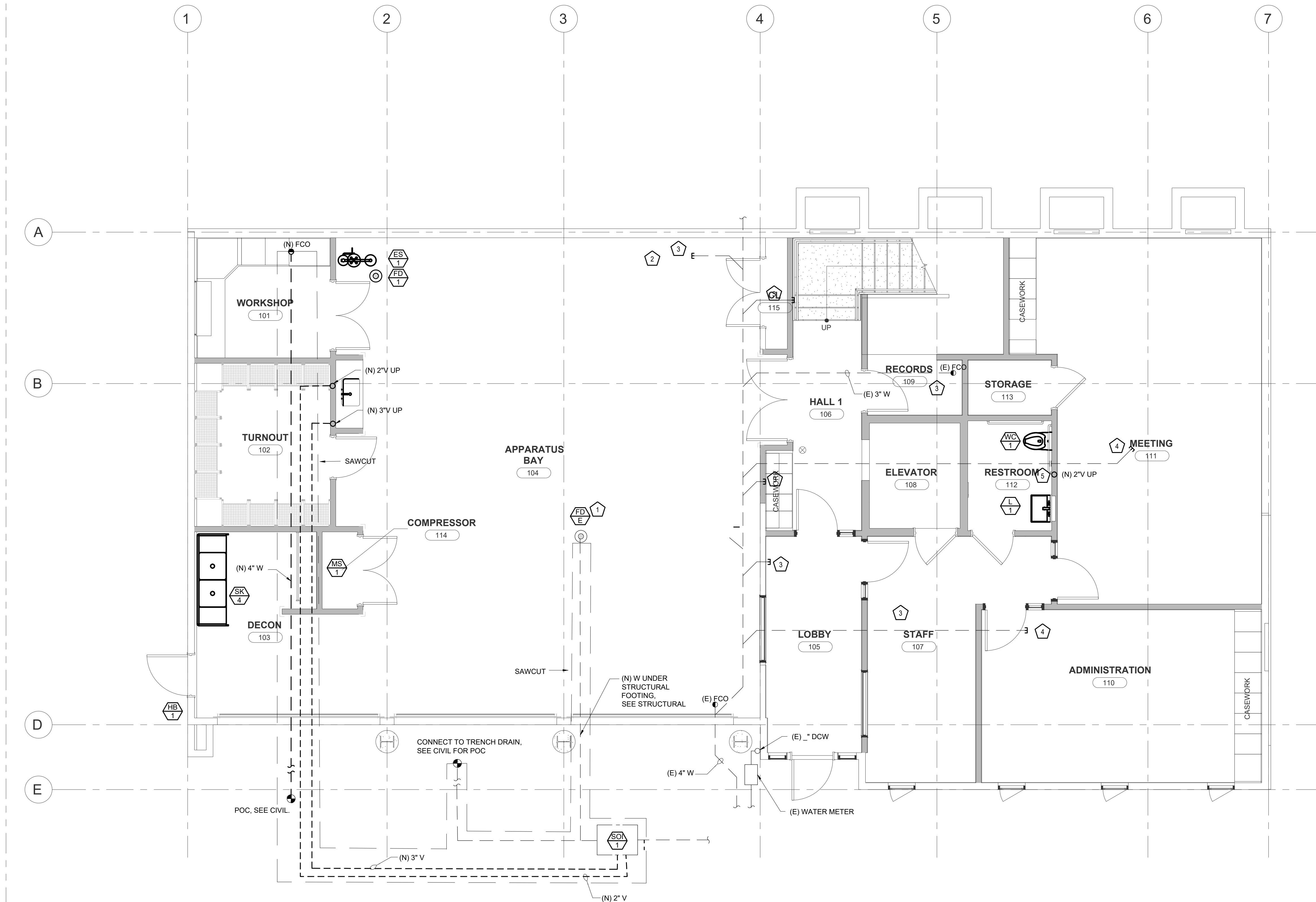
JOB NO. **0000** **KENSINGTON PUBLIC SAFETY BUILDING**

DESCRIPTION  
**PLUMBING - GROUND FLOOR PLAN**

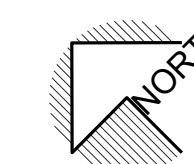
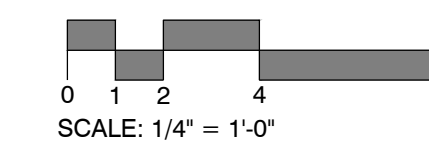
**P201**

**SHEET NOTES**

- (E) FD TO REMAIN.
- REMOVE (E) FIXTURES AND PIPING COMPLETE ABOVE FLOOR.
- CONTRACTOR TO VERIFY (E) WASTE BELOW FLOOR PRIOR TO DEMOLITION.
- PROVIDE (N) CAP TO UNUSED PORTION OF PIPE.
- PROVIDE (N) WCO.



**1 GROUND FLOOR PLAN**  
 P201 SCALE: 1/4" = 1'-0"

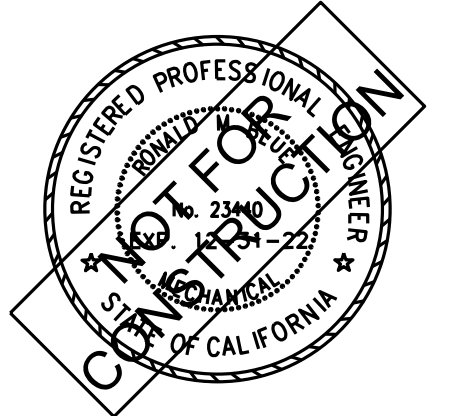




**SHEET NOTES**

- 1. REMOVE (E) FIXTURES AND PIPING COMPLETE.

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PROJECT ADDRESS

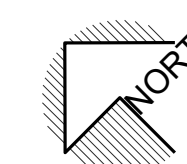
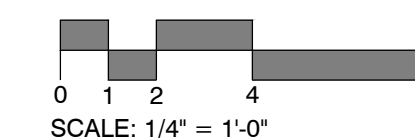
217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707

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 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
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 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



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

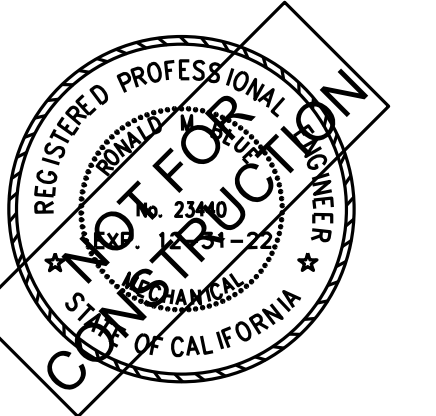


JOB NO. 0000  
**KENSINGTON PUBLIC SAFETY BUILDING**

DESCRIPTION  
**PLUMBING - SECOND FLOOR PLAN**

**P202**

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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 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

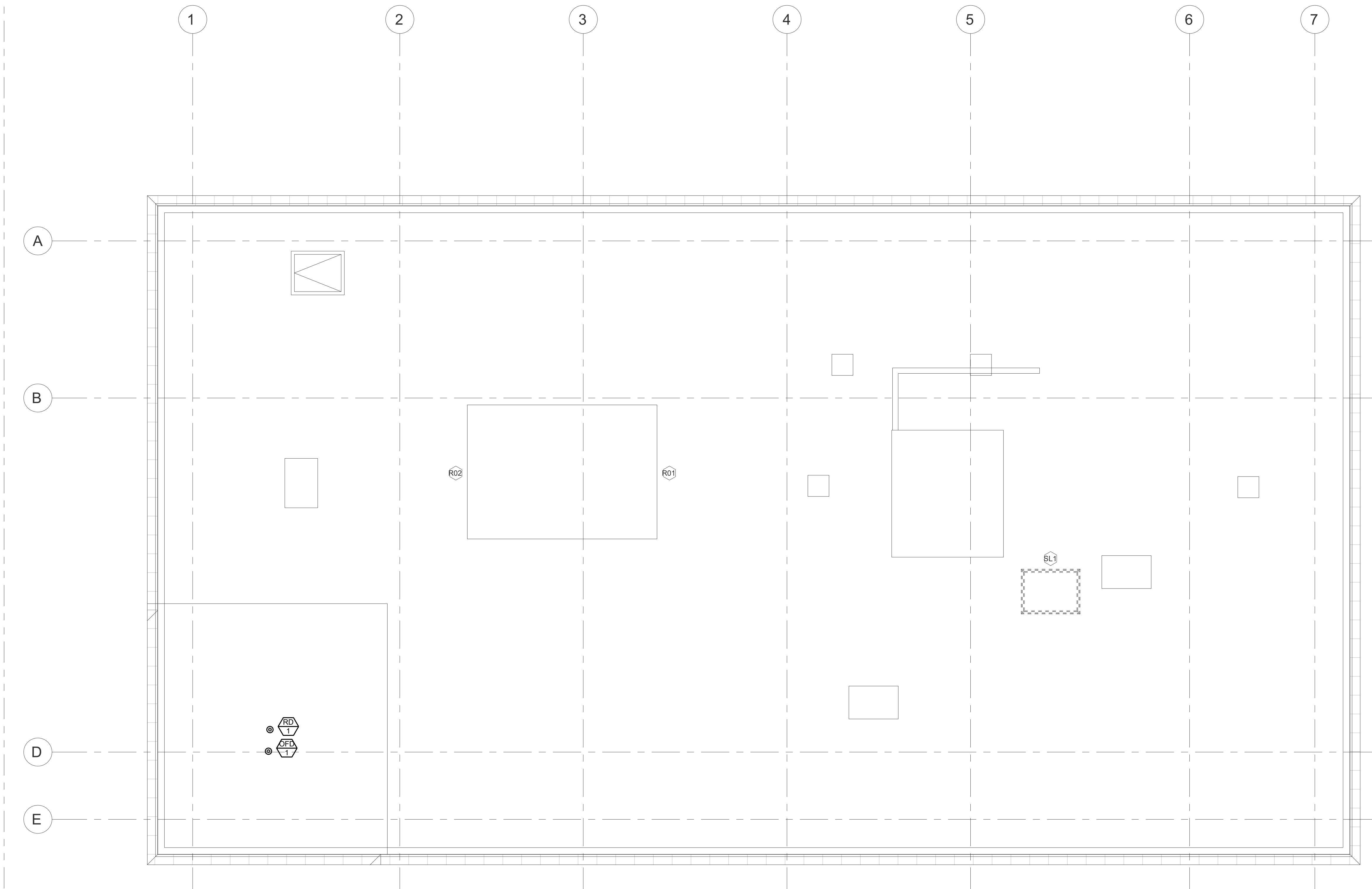
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351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
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SAN FRANCISCO, CA 94110  
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T: (415) 826-9626

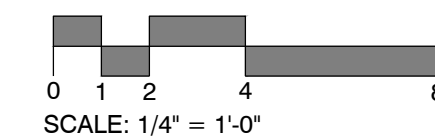
JOB NO. 0000 KENSINGTON PUBLIC SAFETY BUILDING

DESCRIPTION  
PLUMBING - ROOF DEMOLITION PLAN

P203

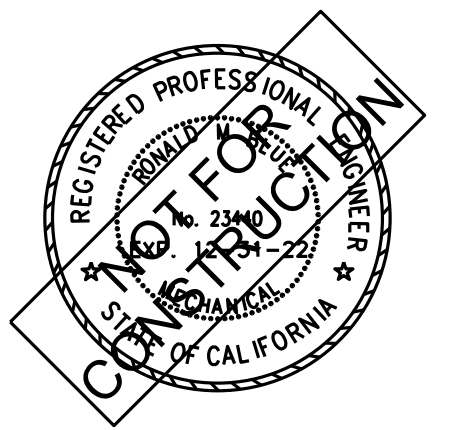


1 ROOF PLAN  
P203 SCALE: 1/4" = 1'-0"





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 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

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

JOB NO. **0000**  
**KENSINGTON PUBLIC SAFETY BUILDING**

DESCRIPTION  
**FIRE PROTECTION - TITLE SHEET**

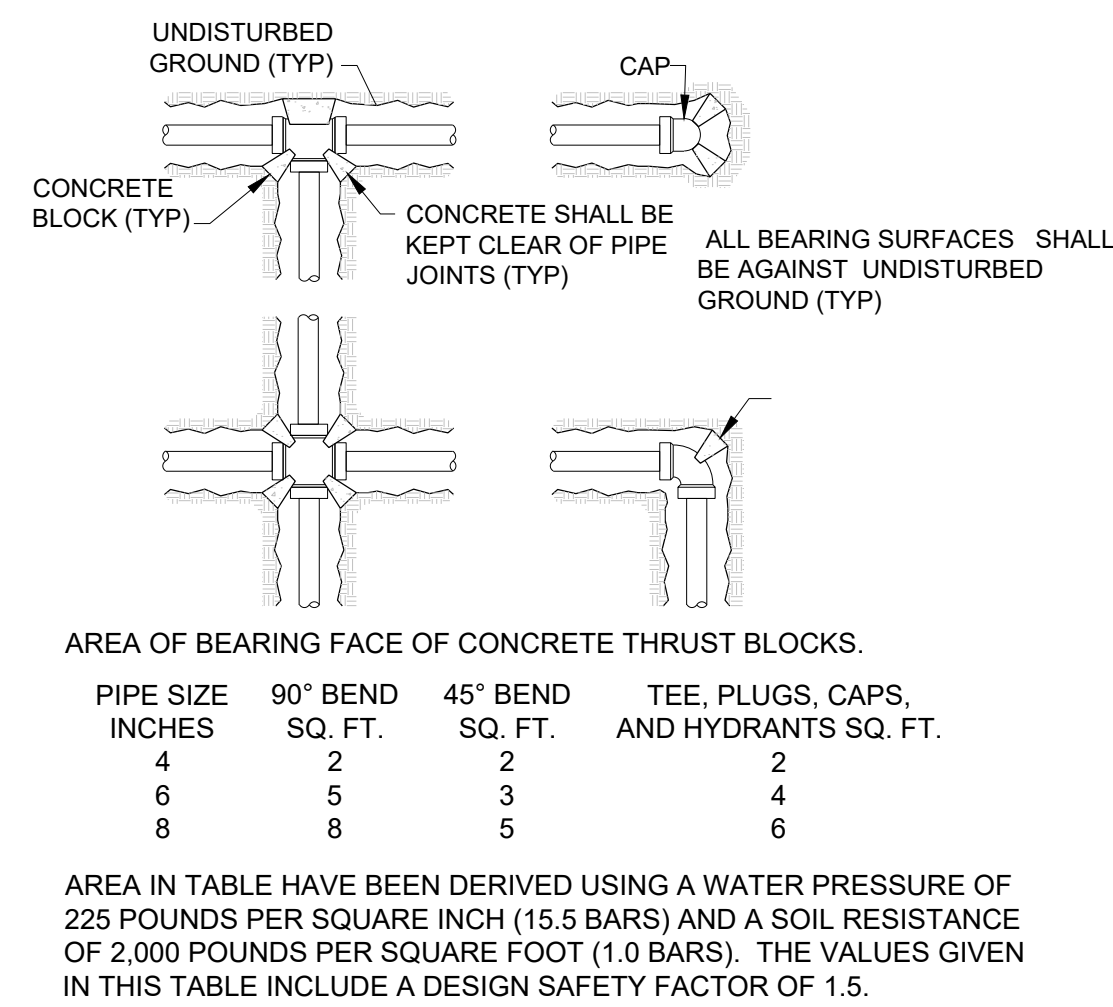
**FP001**

**SYMBOLS & ABBREVIATIONS (FIRE PROTECTION)**

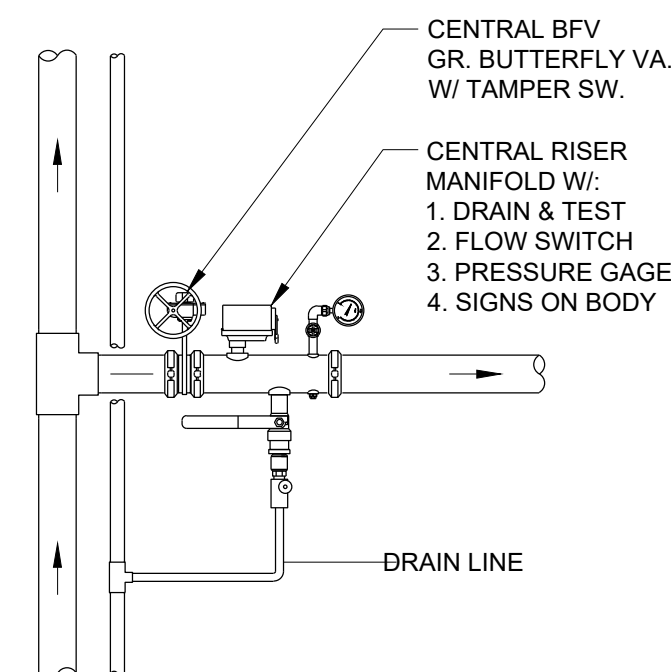
	ALARM BELL	AC	ASBESTOS CEMENT
	AT	AFF	ABOVE FINISH FLOOR
	BUTTERFLY VALVE	AFG	ABOVE FINISH GRADE
	CHECK VALVE	BFV	BUTTERFLY VALVE
	DETECTOR CHECK VALVE	CI	CAST IRON
	DRAIN PIPE	CLG	CEILING
	FIRE HYDRANT (2 HOSE OUTLET)	CONC.	CONCRETE
	FIRE HYDRANT (2 HOSE OUTLET AND PUMPER CONNECTION)	CV	CHECK VALVE
	(E) FIRE SPRINKLER PIPING	DCV	DETECTOR CHECK VALVE
	(N) FIRE SPRINKLER PIPING	DN	DOWN
	FIRE SPRINKLER PIPING - UNDERGROUND (UG)	DSP	DRY STANDPIPE
	FIRE SPRINKLER RISER	(E)	EXISTING
	FLOW DETECTOR SWITCH	EC	ELECTRICAL CONTRACTOR
	TWO WAY SEISMIC RESTRAINT	EOB	EARTHQUAKE BRACE
	FOUR WAY SEISMIC RESTRAINT	FDC	FIRE DEPARTMENT CONNECTION
	GATE VALVE	FH	FIRE HYDRANT
	MAIN TAP	FS	FIRE SPRINKLER
	O S AND Y VALVE	FSC	FIRE SPRINKLER CONTRACTOR
	POST INDICATING VALVE	GPM	GALLONS PER MINUTE
	CONNECTION (FREE STANDING) SIAMESE FIRE DEPARTMENT	HV	HOSE VALVE
	CONNECTION (WALL TYPE) SIAMESE FIRE DEPARTMENT	MJ	MECHANICAL JOINT
	SPRINKLER HEAD: FLUSH	(N)	NEW
	SPRINKLER HEAD: PENDENT	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
	SPRINKLER HEAD: SIDEWALL	NIC	NOT IN CONTRACT
	SPRINKLER HEAD: UPRIGHT	NTS	NOT TO SCALE
	VALVE BOX	PIV	POST INDICATION VALVE
	VALVE WITH TAMPER DETECTOR/SWITCH	OS&Y	OUTSIDE SCREW AND YOKE
	WATER TOWER/TANK ABOVE-GROUND HORIZONTAL	PSI	POUNDS PER SQUARE INCH
	WATER TOWER/TANK ABOVE-GROUND VERTICAL	PVC	POLYVINYL CHLORIDE
	'U' HOOK	REQ'D	REQUIRED
	WRAP AROUND 'U' HOOK	SHT. MTL.	SHEET METAL
	SIDE BEAM BRACKET ROD	SQ. FT.	SQUARE FEET
	COACH SCREW ROD	ST	STEEL
		TYP	TYPICAL
		W/	WITH
		WSP	WET STANDPIPE

**GENERAL FIRE PROTECTION NOTES**

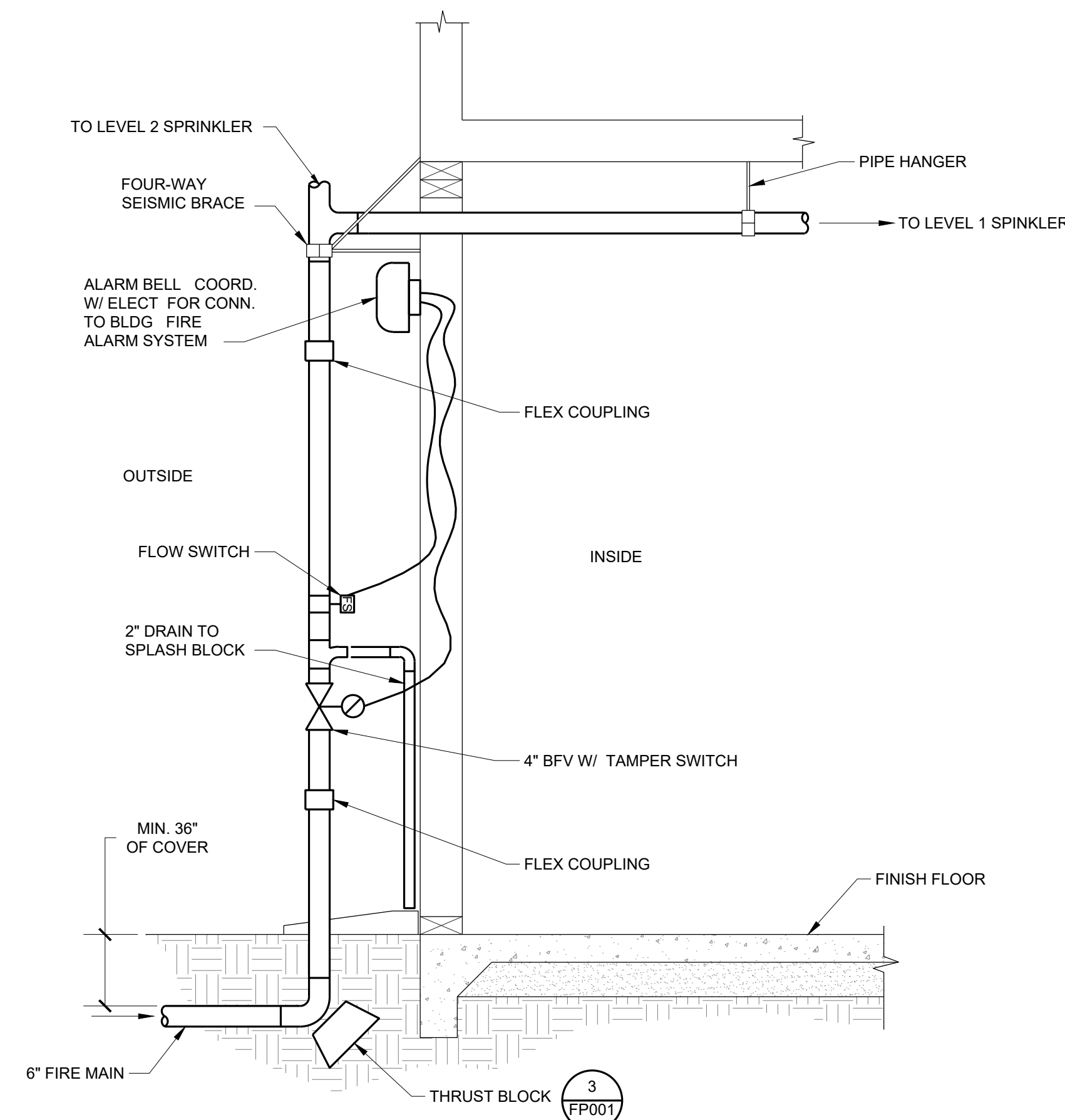
- ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA MECHANICAL PLUMBING, BUILDING AND FIRE CODES, NATIONAL FIRE PROTECTION CODES, AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24.
- REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS AND LOCATIONS OF CONCEALED SPACES, AND OTHER ARCHITECTURAL FEATURES THAT REQUIRE FIRE SPRINKLERS AS PER NFPA #13.
- REFER TO ELECTRICAL DRAWINGS FOR TYPE AND LOCATION OF LIGHT FIXTURES.
- REFER TO THE MECHANICAL DRAWINGS FOR DUCTWORK AND GRILLE LOCATIONS.
- 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.
- 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.).
- EXPOSED PIPING ALLOWED ONLY IN PARKING GARAGE.
- SPRINKLERS EXPOSED TO WEATHER SHALL BE OF THE WAX COATED OR CORROSION RESISTANT TYPE.
- ESCUTCHEONS IN FINISHED AREAS.
- DESIGN AND INSTALLATION SHALL CONFORM WITH NFPA PAMPHLETS.
- ALL MATERIALS AND DEVICES TO BE UL LISTED.
- 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.
- SPRINKLER CONTRACTOR SHALL SUBMIT SPRINKLER HEAD LAYOUT ON ARCHITECTURAL REFLECTED CEILING PLANS FOR ARCHITECTURAL APPROVAL PRIOR TO ANY PIPING DESIGN AND/OR CALCULATIONS.
- FPC SHALL PROVIDE CONCRETE INSERTS FOR HANGING FIRE PROTECTION EQUIPMENT, COORD. W/ GC.
- NFPA CLASSIFICATION:  
 PARKING GARAGE: ORDINARY HAZARD, GROUP ONE.  
 DORM/OFFICE: LIGHT HAZARD
- FIRE HYDRANT FLOW TEST DATA:  
 DATE: 10/21/2021  
 HYDRANT: 6CM56  
 LOCATION: EAST SIDE OF ARLINGTON AVENUE, 300 FT SOUTH OF OBERLIN AVENUE  
 STATIC PRESSURE: 122 PSI  
 RESIDUAL PRESSURE: 100 PSI  
 FLOW: 1500 GPM  
 PREDICTED FLOW AT 20 PSI: XXXX GPM



**3 THRUST BLOCK DETAIL**  
 NO SCALE  
 FP001



**2 FLOOR VALVE CONTROL ASSEMBLY**  
 NO SCALE  
 FP001



**1 FIRE SPRINKLER RISER DETAIL**  
 NO SCALE  
 FP001

**DRAWING INDEX**

DWG #	DRAWING DESCRIPTION
FP001	FIRE PROTECTION - TITLE SHEET
FP201	FIRE PROTECTION - GROUND FLOOR PLAN
FP202	FIRE PROTECTION - SECOND FLOOR PLAN

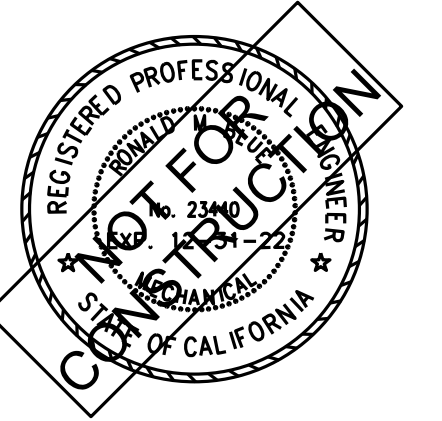


**SHEET NOTES**

- COORDINATE LOCATION OF THE BACKFLOW, FDC AND PIV WITH THE CIVIL.

**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

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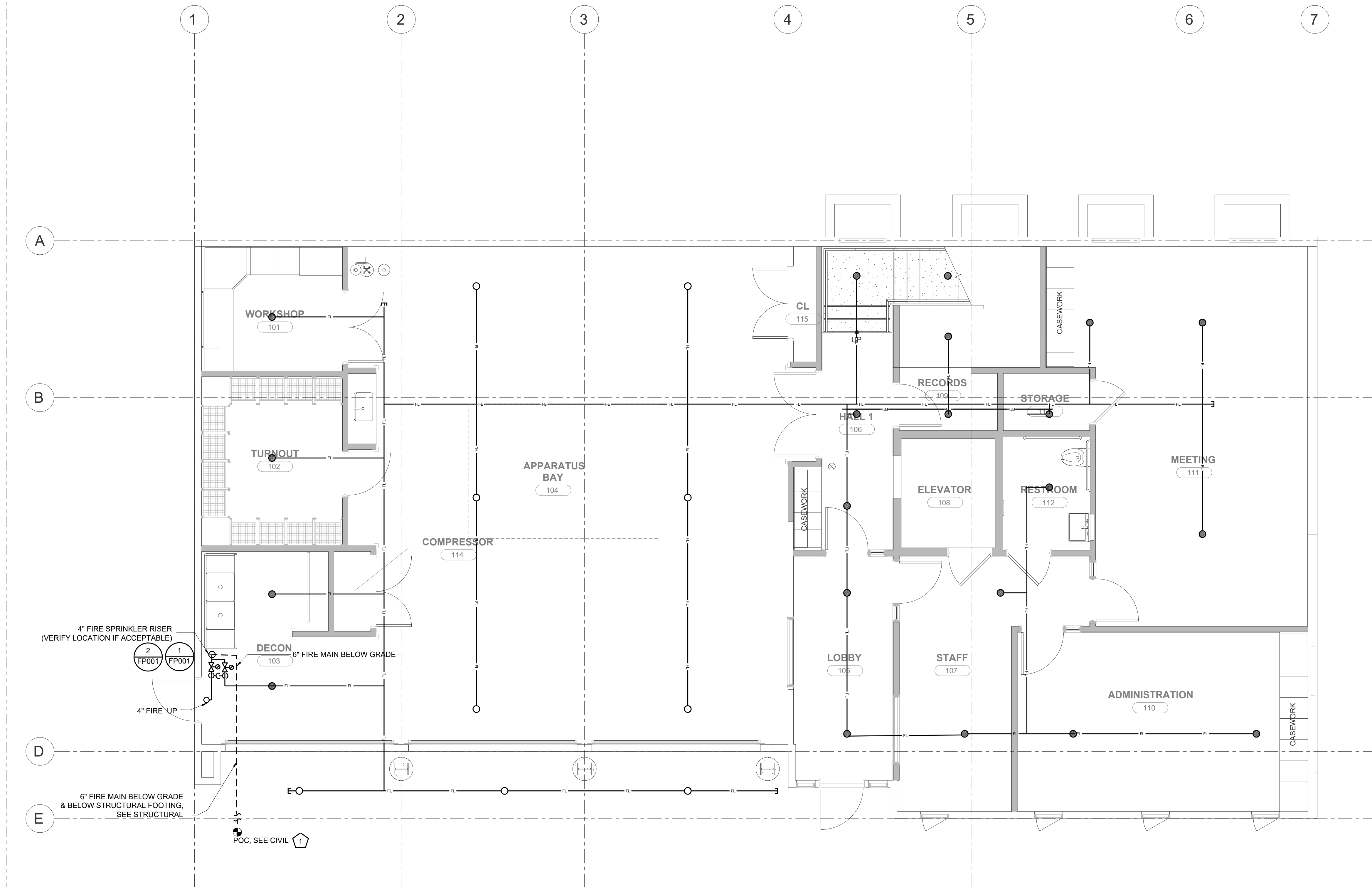
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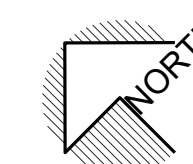
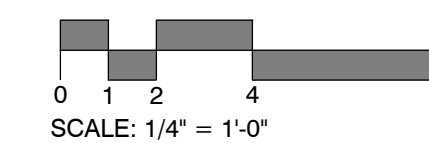
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 MONTEREY, CA 93940  
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**1 GROUND FLOOR PLAN**  
 FP201 SCALE: 1/4" = 1'-0"

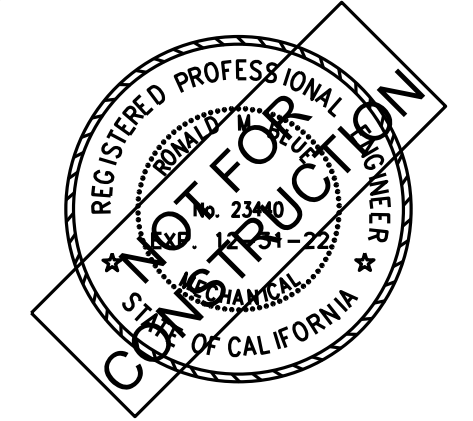


JOB NO. **0000** KENSINGTON PUBLIC SAFETY BUILDING

DESCRIPTION  
**FIRE PROTECTION - GROUND FLOOR PLAN**

**FP201**

STAMP



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 KENSINGTON, CA, 94707

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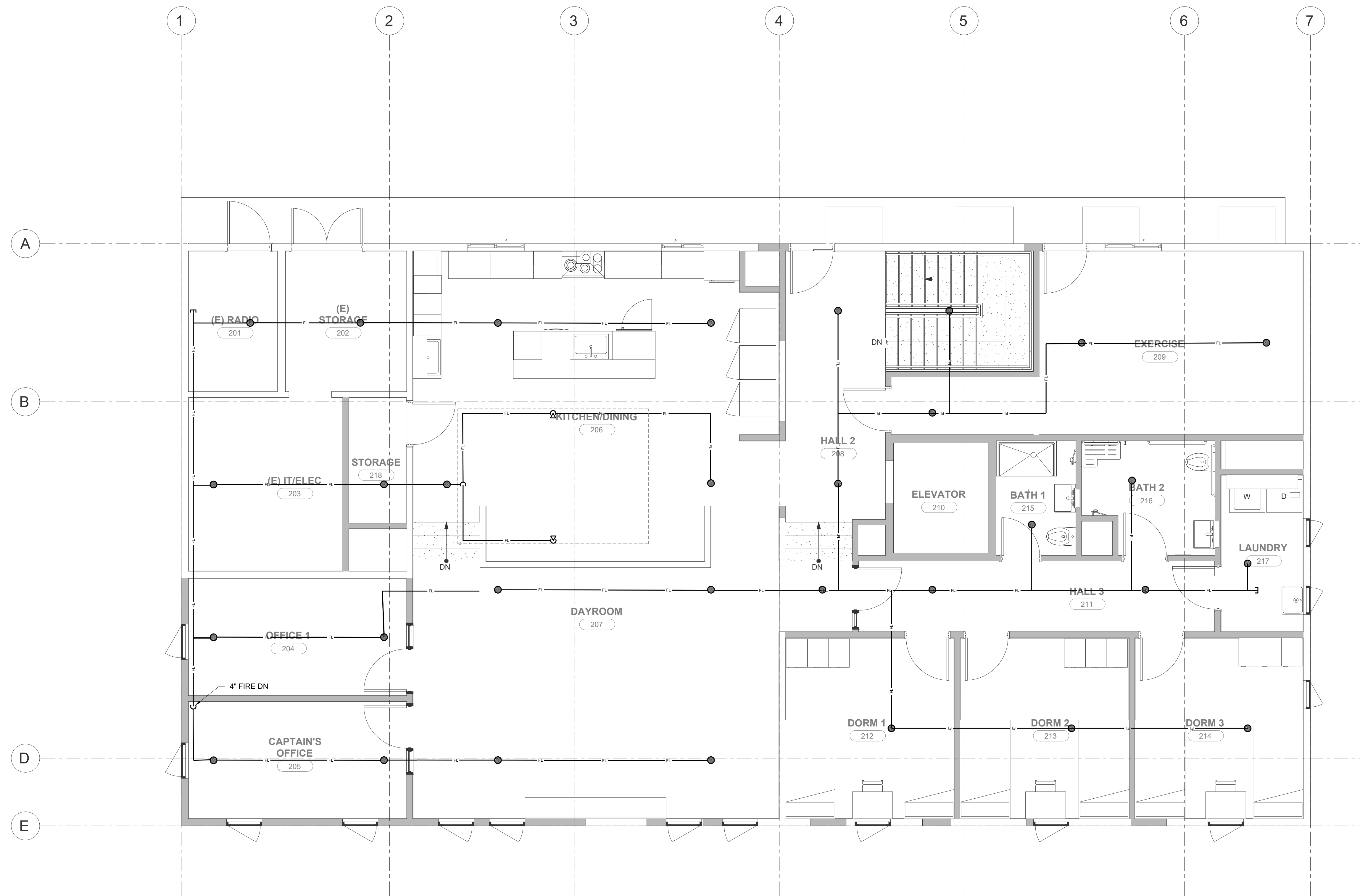
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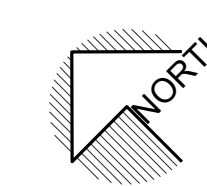
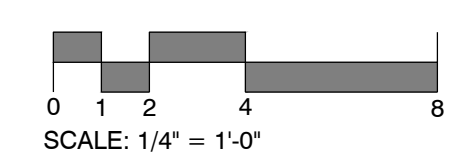
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1 SECOND FLOOR PLAN  
 FP202 SCALE: 1/4" = 1'-0"



JOB NO. 0000 KENSINGTON PUBLIC SAFETY BUILDING

DESCRIPTION  
 FIRE PROTECTION - SECOND FLOOR PLAN

**FP202**

















































































