KENSINGTON FIRE STATION / PUBLIC SAFETY BUILDING RENOVATION

215 ARLINGTON AVENUE, KENSINGTON, CALIFORNIA 94707

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE APPLICABLE RULES AND REGULATIONS OF STATE AND/OR LOCAL CODES, LAWS, ORDINANCES, STATUTES AND REGULATIONS. NOTHING IN THE DRAWINGS IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK CONTRARY TO THESE APPLICABLE RULES, REGULATIONS AND CODES.
2. THESE NOTES ARE INTENDED AS A GUIDE TO THE CONSTRUCTION REQUIREMENTS ESTABLISHED FOR THIS PROJECT. NO CONTRACTOR SHOULD ATTEMPT TO DESIGN, BID, OR CONSTRUCT ANY PORTION OF THE WORK HEREIN WITHOUT FULL UNDERSTANDING OF THE DESIGN INTENT AND APPLICABLE CODE REQUIREMENTS. THE CONTRACTOR SHOULD OBTAIN CLARIFICATION FROM THE ARCHITECT IF HE IS UNCERTAIN OF DESIGN INTENT.
3. THE DESIGN PRESENTED ON THESE DRAWINGS ESTABLISHES THE GENERAL ARCHITECTURAL REQUIREMENTS FOR THE PROJECT. IT DOES NOT PRESENT ALL DETAILS REQUIRED FOR CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO EXERCISE SOUND JUDGMENT IN ACCORDANCE WITH CODE REQUIREMENTS.
4. THE DRAWINGS INDICATE LOCATION, DIMENSIONS, AND TYPICAL DETAILS OF CONSTRUCTION. FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND APPLY GENERALLY FOR SIMILAR CONDITIONS. THE DRAWINGS DO NOT ILLUSTRATE EVERY CONDITION. IN THE EVENT THAT CERTAIN FEATURES ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THEIR CONSTRUCTION SHALL BE (A) OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS; OR (B) IN ACCORD WITH CONVENTIONAL PRACTICES OF THE CBC; OR (C) AS CLARIFIED BY THE ARCHITECT. WHERE DISCREPANCIES OCCUR, THEY SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION.
5. NO ONE DRAWING OR SPECIFICATION SECTION SHALL "COVERN". CONTRACTOR SHALL CORRELATE WORK BETWEEN ARCHITECTURAL DRAWINGS AND SPECIFICATIONS AND CONSULTANT DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL ALSO CORRELATE WORK BETWEEN DRAWINGS OF DIFFERENT SCALES WITHIN EACH SECTION. IT IS THE EXPLICIT AND SPECIFIC RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE CONTRACT DOCUMENTS IN THEIR ENTIRETY, REPORT ALL DISCREPANCIES ENCOUNTERED THEREIN TO THE ARCHITECT AND AWAIT RESOLUTION BEFORE PROCEEDING WITH ANY WORK AFFECTED BY SUCH DISCREPANCIES.
6. UNLESS SHOWN OTHERWISE, DETAILS SHOWN AS "TYPICAL" APPLY WHEREVER APPROPRIATE. SPECIFIC DETAILS TAKE PRECEDENCE OVER "TYPICAL" DETAILS. SPECIFIC NOTES ON DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES.
7. DIMENSIONS MARKED "VERIFY" ARE TO BE CHECKED FOR ACCURACY BY THE CONTRACTOR AND ALL DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING.
8. EXISTING SITE AND CONSTRUCTION INFORMATION IS BASED ON ORIGINAL DRAWINGS BY JEFFRIES, LYONS AND HILL DATED 9/19/69
9. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE ARCHITECTURAL CONTRACT DOCUMENTS WITH THE STRUCTURAL DRAWINGS AS TO ALL LAYOUTS, DIMENSIONS, AND ELEVATIONS AND SHALL AT ONCE REPORT DISCOVERED ERRORS, INCONSISTENCIES, OR OMISSIONS TO THE ARCHITECT. IF THE CONTRACTOR PERFORMS ANY CONSTRUCTION ACTIVITY KNOWING IT INVOLVES A RECOGNIZED ERROR, INCONSISTENCY OR OMISSION IN THE CONTRACT DOCUMENTS WITHOUT SUCH NOTICE TO THE ARCHITECT, THE CONTRACTOR SHALL ASSUME APPROPRIATE RESPONSIBILITY FOR SUCH PERFORMANCE AND SHALL BEAR AN APPROPRIATE AMOUNT OF THE ATTRIBUTED COSTS FOR CORRECTION.
10. DO NOT SCALE THE DRAWINGS. LAY OUT WORK FOLLOWING WRITTEN DIMENSIONS. IF WRITTEN DIMENSIONS ARE LACKING, NOTIFY THE ARCHITECT AT ONCE. WHERE DISCREPANCIES OCCUR, THEY SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION.
11. DIMENSIONS ARE GIVEN TO FACE OF FINISH UNLESS OTHERWISE NOTED ON THE DRAWINGS.
12. THE CONTRACTOR SHALL BE DEEMED TO HAVE INSPECTED THE SITE AND VERIFIED ACTUAL GRADES, ELEVATIONS, DIMENSIONS, AND DECLINATIONS AND THE TRUE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
13. ALL CONDITIONS AFFECTING WORK PROGRESS AND CONFORMANCE TO PLANS AND SPECIFICATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO START OF WORK.
14. ANY SITE AND BUILDING AREAS UNAFFECTED BY THIS WORK SHALL BE PROTECTED FROM ANY DAMAGE CAUSED BY THIS WORK. ANY DAMAGE TO EXISTING STRUCTURES AND BUILDING ELEMENTS SO CALLED SHALL BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR.
15. THE CONTRACTOR SHALL PATCH ALL AREAS OF EXISTING BUILDING WHICH ARE IN NEED OF SUCH WORK AS A RESULT OF DEMOLITION, INSTALLATION OF NEW ITEMS, OR NEW CONSTRUCTION.
16. ANY WASTE AND REFUSE CAUSED BY THIS WORK SHALL BE REMOVED FROM THE PREMISES AND DISPOSED OF BY EACH CONTRACTOR IN A LEGAL MANNER.
17. INFORMATION SHOWN IN DRAWINGS REGARDING EXISTING CONSTRUCTION IS APPROXIMATE. CONTRACTOR SHALL SURVEY EXISTING CONDITIONS AND VERIFY DETAILED CHARACTERISTICS AFFECTING THE WORK OF THIS CONTRACT. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
18. EXIT DOOR HARDWARE SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
19. BROOM CLEAN CONSTRUCTION PREMISES AT THE END OF EACH DAY & FINAL CLEANING TO INCLUDE (E) WINDOWS & MINIBLINDS AT THE END OF THE JOB.
20. MATERIALS, ASSEMBLIES AND SYSTEMS SHOWN ARE NEW UNLESS NOTED AS EXISTING OR (E).

N:\JOBS\9801\SD\A-0.DWG

ABBREVIATIONS

A.C	ASPHALT CONCRETE	N.	NORTH
ALUM.	ALUMINUM	(N)	NEW
AFF	ABOVE FINISH FLOOR	NEC	NATIONAL ELECTRICAL CODE
BD.	BOARD	N.I.C.	NOT IN CONTRACT
BLDG	BUILDING	N.T.S.	NOT TO SCALE
B.P.	BUILDING PAPER	O/	OVER
CAB.	CABINET	O.C.	ON CENTER
CBC	CALIFORNIA BUILDING CODE	OPP.	OPPOSITE
CLG.	CEILING	P.C.	PERSONAL COMPUTER
CLR.	CLEAR	PLYWD.	PLYWOOD
CONC.	CONCRETE	PTD.	PAINTED
CONT.	CONTINUOUS	R.D.	ROOF DRAIN
C.T.	CERAMIC TILE	REF.	REFERENCE
CRT	CATHODE RAY TUBE	REFL.	REFLECTED
DEMO.	DEMOLISH / DEMOLITION	REFR.	REFRIGERATOR
D.F.	DRINKING FOUNTAIN	REQ'D.	REQUIRED
DIM.	DIMENSION	RM.	ROOM
DOCS.	DOCUMENTS	S.	SOUTH
DP.	DEEP	S.C.	SOLID CORE
DR.	DOOR	S.E.D.	SEE ELECTRICAL DRAWINGS
D.S.	DOWNSPOUT	S.D.	SMOKE DETECTOR
D.W.	DISHWASHER	S.F.	SQUARE FEET
DWG.	DRAWING	S.M.D.	SEE MECHANICAL DRAWINGS
E.	EAST	S.S.D.	SEE STRUCTURAL DRAWINGS
(E)	EXISTING	SCHED.	SCHEDULE
EA.	EACH	SIM.	SIMILAR
ELEC.	ELECTRICAL	S.P.D.	SEE PLUMBING DRAWINGS
EQ.	EQUAL	STL.	STEEL
E.M.T.	ELECTRICAL METAL TUBING	STRUCT.	STRUCTURAL
EXT.	EXTERIOR	SUSP.	SUSPENDED
F.F.	FINISH FLOOR	T.O.	TOP OF
FLR.	FLOOR	THK.	THICK
FLUOR.	FLUORESCENT	T.M.E.	TO MATCH EXISTING
GA.	GAUGE	TYP.	TYPICAL
GALV.	GALVANIZED	UBC	UNIFORM BUILDING CODE
G.S.M.	GALVANIZED SHEET METAL	U.G.	UNDERGROUND
GYP.	GYPSUM	U.L.	UNDERWRITERS' LABORATORY
HDWRE.	HARDWARE	UMC	UNIFORM MECHANICAL CODE
H.M.	HOLLOW METAL	U.O.N.	UNLESS OTHERWISE NOTED
INFO.	INFORMATION	UPC	UNIFORM PLUMBING CODE
INT.	INTERIOR	UPS	UNINTERRUPTED POWER SUPPLY
LAV.	LAVATORY	V.I.F.	VERIFY IN FIELD
MAX.	MAXIMUM	V.T.R.	VENT THROUGH ROOF
MECH.	MECHANICAL	W.	WEST
MEZZ.	MEZZANINE	WD.	WOOD
MFR.	MANUFACTURER	@	AT
MIN.	MINIMUM		
MTD.	MOUNTED		
MTL.	METAL		

CODE DATA

APPLICABLE CODES & REGULATIONS: 1995 CBC, 1994 UBC
1994 U.M.C., U.P.C. AND N.E.C.

CONSTRUCTION TYPE: V Not Rated

OCCUPANCY CLASSIFICATION: B, S3, R1 (2)

NUMBER OF STORIES: 2

FLOOR AREA:

	PROJECT AREA	OTHER EXISTING AREA	TOTAL
1st Floor	1444 sf	1508 sf	2952 sf
2nd Floor	1472 sf	1288 sf	2760 sf
TOTAL	2916 sf	2796 sf	5712 sf

OCCUPANT LOAD:

OFFICE: 1 Person/100 sf
APPARATUS BAY: 1 Person/200 sf
LIVING: 1 Person/200 sf

1st Floor Office	1444/100	=	15 Occupants
1st Floor Apparatus	1508/200	=	8 Occupants
TOTAL FIRST FLOOR			23 Occupants

2nd Floor Office	604/100	=	6 Occupants
2nd Floor Living	1511/200	=	7.5 Occupants
TOTAL			14 Occupants

EXITS: 1 EXIT REQ'D FOR THE FIRST FLOOR.
2 EXITS REQ'D FOR THE SECOND FLOOR.
NOTE: SECOND FLOOR EXITS DIRECTLY TO GRADE

PARKING: NO CHANGE REQUIRED.

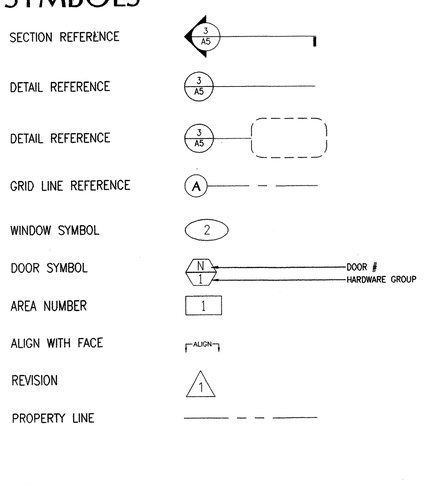
HANDICAP ACCESSIBILITY: FIRST FLOOR OFFICE AREA REQUIRED TO BE ACCESSIBLE AND COMPLY WITH TITLE 24

SECOND FLOOR ACCESS RESTRICTED TO POLICE AND FIRE DEPARTMENT PERSONNEL ACCESSIBILITY NOT REQUIRED

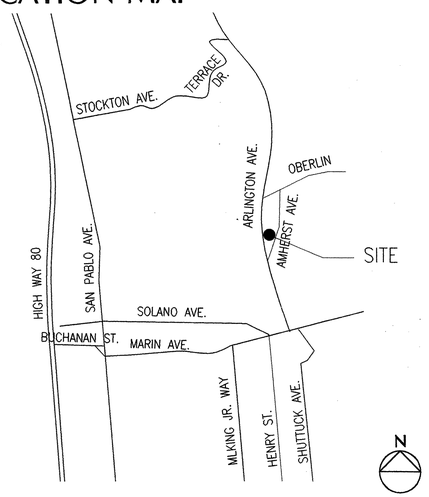
AUTOMATIC FIRE SPRINKLERS: NOT REQUIRED

DRAWING INDEX

SYMBOLS



LOCATION MAP



PROJECT ROSTER

OWNER
KENSINGTON FIRE PROTECTION DISTRICT
BUILDING COMMITEE
10900 SAN PABLO AVENUE
EL CERRITO, CALIFORNIA 94530
(510) 655-7793

ARCHITECT
MARCY LI WONG ARCHITECTS
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MECHANICAL / PLUMBING
MECHANICAL DESIGN STUDIO, INC.
375 FREMONT STREET, SUITE 250
SAN FRANCISCO, CALIFORNIA 94105
(415) 284-0114

STRUCTURAL ENGINEER
THE CROSBY GROUP
726 MAIN STREET
REDWOOD CITY, CALIFORNIA 94063
(650) 367-8100 EXT. 110

ELECTRICAL / LIGHTING
PINNACLE ENGINEERING
55 NEW MONTGOMERY STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 284-1888

COST ESTIMATING
SAYLOR CONSULTING GROUP
12 GEARY STREET, SUITE 700
SAN FRANCISCO, CALIFORNIA 94108
(415) 291-3200

AS-BUILT DRAWING
FEB 17,1999

REVISIONS
2 PERMIT COMMENTS 6 NOV. '98

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LICENSED ARCHITECT MARCY LI WONG C0155 REN. 08/31/99 STATE OF CALIFORNIA

KENSINGTON FIRE STATION / PUBLIC SAFETY BUILDING RENOVATION
215 ARLINGTON AVENUE
KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

COVER SHEET

DATE: 10 SEP '98
JOB: 9801
DRAWN: TT, KR, JL

T-1

TITLE 24: COMPLIANCE

PERFORMANCE CERTIFICATE OF COMPLIANCE Part 1 of 3 PERF-1

PROJECT NAME: SARGENT OFFICE 103 ADDITION — DATE: 9/2/98
PROJECT ADDRESS: KENSINGTON FIRE STATION Kensington
PRINCIPAL DESIGNER - ENVELOPE: Marcy LI Wong Architects — TELEPHONE: (510) 843-0916
DOCUMENTATION AUTHOR: FARBER ENERGY DESIGN — TELEPHONE: (925) 928-0425
Building Permit # — Checked by/Date — Enforcement Agency Use

GENERAL INFORMATION
DATE OF PLANS: — BUILDING CONDITIONED FLOOR AREA: 93 Sq.Ft. — CLIMATE ZONE: 3
BUILDING TYPE: [X] NONRESIDENTIAL [ ] HIGH RISE RESIDENTIAL [ ] HOTEL/MOTEL GUEST ROOM
PHASE OF CONSTRUCTION: [ ] NEW CONSTRUCTION [X] ADDITION [ ] ALTERATION [ ] EXISTING + ADDITION

STATEMENT OF COMPLIANCE
This Certificate of Compliance lists the Building features and performance specifications needed to comply with Title 24, Parts 1 and 6, of the State Building Code. This certificate applies only to a Building using the performance compliance approach.
DOCUMENTATION AUTHOR: Gary Farber — SIGNATURE — DATE: 9/2/98
The Principal Designers hereby certify that the proposed building design represented in the construction documents and modeled for this permit application are consistent with all other forms and worksheets, specifications, and other calculations submitted with this permit application. The proposed building as designed meets the energy efficiency requirements of the State Building Code, Title 24, Part 6, Chapter 1.
ENV. LTG. MECH.
[ ] [ ] [ ] 1. I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed as a civil engineer, mechanical engineer, electrical engineer or architect.
[ ] [ ] [ ] 2. I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by Section 5537.2 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am a licensed contractor preparing documents for work that I have contracted to perform.
[ ] [ ] [ ] 3. I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by Section ____ of the ____ Code to sign this document as the person responsible for its preparation; and for the following reason: ____

ENVELOPE COMPLIANCE
Indicate location on plans of Note Block for Mandatory Measures: ____
Required Forms: ENV-1, ENV-2
PRINCIPAL ENVELOPE DESIGNER - NAME: Marcy LI Wong Architects — SIGNATURE — LIC. NO.: C015547 — DATE: 10 SEP '98
LIGHTING COMPLIANCE
Indicate location on plans of Note Block for Mandatory Measures: E1
Required Forms: LTG-1, LTG-2
PRINCIPAL LIGHTING DESIGNER - NAME: Pinnacle Engineering — SIGNATURE — LIC. NO.: E12555 — DATE: 9/10/98
MECHANICAL COMPLIANCE:
Indicate location on plans of Note Block for Mandatory Measures: Mechanical Compliance Not In the Scope Of This Submittal
Required Forms:
PRINCIPAL MECHANICAL DESIGNER - NAME — SIGNATURE — LIC. NO. — DATE

Run Initiation Time: 09/02/98 10:53:25 Run Code: 904758805
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PERFORMANCE CERTIFICATE OF COMPLIANCE Part 2 of 3 PERF-1

PROJECT NAME: SARGENT OFFICE 103 ADDITION — DATE: 9/2/98
ANNUAL SOURCE ENERGY USE SUMMARY (kBtu/sqft-yr)

ENERGY COMPONENT	Standard Design	Proposed Design	Compliance Margin
Space Heating	4.30	3.22	1.08
Space Cooling	18.13	18.13	0.00
Indoor Fans	51.61	51.61	0.00
Heat Rejection	0.00	0.00	0.00
Pumps	0.00	0.00	0.00
Domestic Hot Water	0.00	0.00	0.00
Lighting	48.30	39.71	8.60
Receptacle	25.81	25.81	0.00
Process	0.00	0.00	0.00
TOTALS:	148.24	135.48	10.75

BUILDING COMPLIES

GENERAL INFORMATION

Building Orientation	(North) 0 deg	Conditioned Floor Area	93 sqft.
Number of Stories	1	Unconditioned Floor Area	0 sqft.
Number of Systems	1	Conditioned Footprint Area	93 sqft.
Number of Zones	1		

	Orientation	Gross Area	Glazing Area	Glazing Ratio
Front Elevation	(North)	0 sqft.	0 sqft.	0.0%
Left Elevation	(East)	0 sqft.	0 sqft.	0.0%
Rear Elevation	(South)	14 sqft.	8 sqft.	59.5%
Right Elevation	(West)	76 sqft.	12 sqft.	15.8%
Total		90 sqft.	21 sqft.	23.3%
Roof		0 sqft.	0 sqft.	0.0%

	Standard	Proposed
Lighting Power Density	1.600 W/sqft.	1.333 W/sqft.
Prescriptive Env. Heat Loss	32	32
Prescriptive Env. Heat Gain	18	24

Run Initiation Time: 09/02/98 10:53:25 Run Code: 904758805
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PERFORMANCE CERTIFICATE OF COMPLIANCE Part 3 of 3 PERF-1

PROJECT NAME: SARGENT OFFICE 103 ADDITION — DATE: 9/2/98
ZONE INFORMATION

System Name	Zone Name	Occupancy Type	Floor Area (sqft.)	Inst. LPD (W/sf)	Ctrl.	Tailored LPD (W/sf)	Tailored Vent. (cfm/sf)	Proc. Loads (W/sf)
Undefined System	Undefined Office Area	Office	93	1.333				

Notes: 1. See LTG-3 2. See LTG-4 3. See MECH-4 4. Provide supporting documentation

EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST
The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant.

Authorized Signature or Stamp: ____

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CERTIFICATE OF COMPLIANCE ENV-1

PROJECT NAME: SARGENT OFFICE 103 ADDITION — DATE: 9/2/98
OPAQUE SURFACES

ASSEMBLY NAME (e.g. Wall-1, Floor-1)	U-VALUE	CONSTRUCTION TYPE (e.g. Block, Wood, Metal)	LOCATION/COMMENTS: (e.g. Suspended Ceiling, Demising, etc.)	NOTE TO FIELD
R-11 Ext. Wall	0.080	Wood	Exterior Wall	
Slab On Grade	0.720	n/a	Covered Slab w/R-0.0 Perimeter Insulation	

FENESTRATION

ORIENTATION	NO. OF PANES	U-VALUE	FRAME TYPE (Metal, Wood, etc.)	EXTERIOR SHADE	OVERHANG Yes / No	SIDEFIN Yes / No	GLAZING TYPE (e.g. Clear, Tinted)
Rear (South)	1	1.25	Metal	None Specified	[ ]	[X]	1/4"Pane Clear 1/4" NR metal
Right (West)	1	1.25	Metal	None Specified	[ ]	[X]	1/4"Pane Clear 1/4" NR metal

NOTES TO FIELD - For Building Department Use Only

Run Initiation Time: 09/02/98 10:53:25 Run Code: 904758805
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ENVELOPE COMPLIANCE SUMMARY Performance Part 1 of 2 ENV-2

PROJECT NAME: SARGENT OFFICE 103 ADDITION — DATE: 9/2/98
OPAQUE SURFACES

Type	Area	U-Val.	Act. Azm.	Tilt	Solar Gains Y/N	Form 3 Reference	Location / Comments
Wall	6	0.080	180	90	X	R-11 Ext. Wall	Undefined Office Area
Wall	64	0.080	270	90	X	R-11 Ext. Wall	Undefined Office Area

Run Initiation Time: 09/02/98 10:53:25 Run Code: 904758805
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ENVELOPE COMPLIANCE SUMMARY Performance Part 2 of 2 ENV-2

PROJECT NAME: SARGENT OFFICE 103 ADDITION — DATE: 9/2/98
FENESTRATION SURFACES

#	Type			Area	Frame	Dbl. Y/N	Clr. Y/N	U-Value	Act Azm	Tilt	SC Glass Only	Location / Comments
1	Window	Rear	(South)	8	Metal	[ ]	[X]	1.250	180	90	0.64	Undefined Office Area
2	Window	Right	(West)	12	Metal	[ ]	[X]	1.250	270	90	0.64	Undefined Office Area

INTERIOR AND EXTERIOR SHADING

#	Interior Shade Type	SC	Exterior Shade Type	SC	Window Hgt.	Window Wid.	Overhang Len.	Overhang Hgt.	Overhang Ext.	Overhang Revt.	Left Fin Dist.	Left Fin Len.	Left Fin Hgt.	Right Fin Dist.	Right Fin Len.	Right Fin Hgt.
1	None Specified		None Specified													
2	None Specified		None Specified													

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CERTIFICATE OF COMPLIANCE - Lighting LTG-1

PROJECT NAME: SARGENT OFFICE 103 ADDITION — DATE: 9/2/98
INSTALLED LIGHTING SCHEDULE

LUMINAIRE DESCRIPTION	LAMPS DESIGNATION	LAMPS NO. OF LAMPS	LAMPS WATTS/LAMP	BALLASTS DESCRIPTION	BALLASTS NO.	NOTE TO FIELD
(4) 4 ft Fluorecent T8 Elec	F32T8	4	32	Electronic	2.0	

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD
103	A	MOTION SWITCH	RM 103	

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # OR Dwg. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRE CONTROLLED TYPE	LUMINAIRE CONTROLLED # LUMIN.	NOTE TO FIELD
N/A					

NOTES TO FIELD - For Building Department Use Only

Run Initiation Time: 09/02/98 10:53:25 Run Code: 904758805
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LIGHTING COMPLIANCE SUMMARY LTG-2

PROJECT NAME: SARGENT OFFICE 103 ADDITION — DATE: 9/2/98
ACTUAL LIGHTING POWER

LUMINAIRE NAME	DESCRIPTION (Including Ballast)	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE	CEC DEFAULT Y	CEC DEFAULT N	TOTAL WATTS
C	(4) 4 ft Fluorecent T8 Elec	1	124.0	X		124.0

PAGE TOTAL: 124
BUILDING TOTAL: 124
LESS CONTROL CREDIT WATTS (FROM LTG-3): 0
* If not using the CEC Default value, please provide supporting documentation. — ADJUSTED ACTUAL WATTS: 124

ALLOWED LIGHTING POWER (Choose One Method)
COMPLETE BUILDING METHOD

BUILDING CATEGORY (From Table 1-A)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS

AREA CATEGORY METHOD

BUILDING CATEGORY (From Table 1-A)	WATTS PER SF	AREA (SF)	ALLOWED WATTS

PAGE TOTAL:
BUILDING TOTAL:

TAILORED METHOD

AREA	WATTS

TOTAL ALLOWED WATTS (From LTG-4 or from computer run.)

Run Initiation Time: 09/02/98 10:53:25 Run Code: 904758805
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TITLE 24: MANDATORY MEASURES

Nonresidential Energy Standards Compliance (Title 24, Part 6, Ch. 1)

Envelope Mandatory Measures

Installed Insulating Material shall have been certified by the manufacturer to comply with the California Quality Standards for insulating material.

All Insulating Materials shall be installed in compliance with the flame spread rating and smoke density requirements of Sections 1712 and 1713 of the UBC.

All Exterior Joints and openings in the building envelope that are observable sources of air leakage shall be caulked, gasketed, weather-stripped or otherwise sealed.

Site Constructed Doors, Windows and Skylights shall be caulked between the unit and the building, and shall be weather-stripped (except for unframed glass doors and fire doors).

Manufactured Doors and Windows installed shall have air infiltration rates certified by the manufacturer per section 116(a)1. Manufactured fenestration products must be labeled for U-value according to NFRC procedures.

Demising Wall Insulation shall be installed in all opaque portions of framed walls (except doors).

REVISIONS

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KENSINGTON FIRE STATION/
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215 ARLINGTON AVENUE
KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

TITLE 24 DOCUMEN-TATION

DATE: 10 SEP. 98
JOB: 9801
DRAWN: KR

A-0

AS-BUILT DRAWING
FEB 17, 1999

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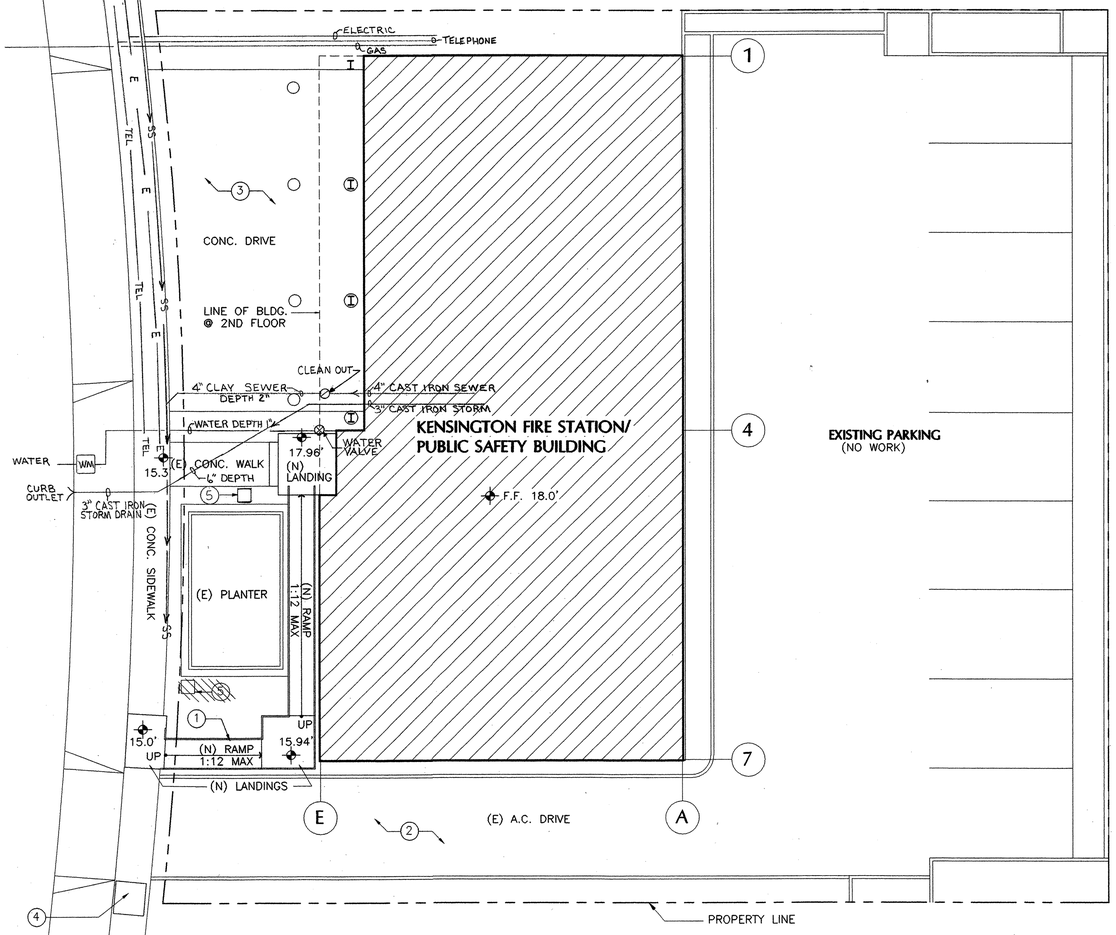


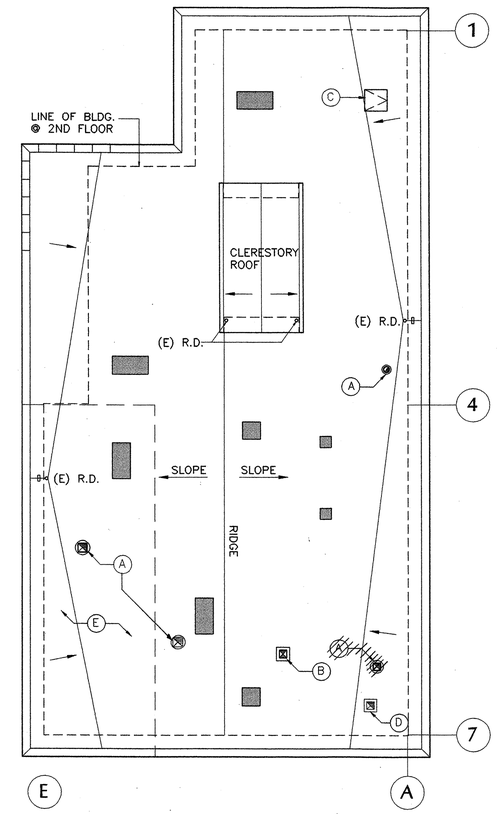
1 SITE PLAN

0 2' 4' 8'

N

KEYNOTES

1. REMOVE (E) CONCRETE AND LANDSCAPING FOR NEW RAMP. CONFIRM SPOT ELEVATIONS, RAMP SLOPE AND DIMENSIONS PRIOR TO BEGINNING WORK.
2. KEEP DRIVEWAY AND REAR LOT CLEAR AT ALL TIMES
3. CONTRACTOR STAGING AREA CONFINED TO CONCRETE DRIVE & THE APPARATUS BAY. NO OTHER ON-SITE PARKING.
4. CUT & PATCH TO REPAIR DAMAGED SIDEWALK @ (E) MANHOLE.
5. FREESTANDING PAY PHONE



2 ROOF PLAN

0 2' 4' 8'

N

KEYNOTES

- (A) EXHAUST FAN, S.M.D. EXTEND ROOFING TO TOP OF CURB
- (B) SUPPLY FAN, S.M.D.
- (C) (E) ROOF HATCH
- (D) (E) EXHAUST
- (E) PATCH (E) ROOF AT ALL AREAS OF STRUCTURAL REPAIR

LEGEND

(E) SKYLIGHT

NOTES

1. ADDITIVE BID ITEM #1: RE-ROOF ENTIRE FIRE STATION, SEE SPECIFICATION FOR SCOPE
2. BASE BID TO INCLUDE PATCHING & REPLACEMENT OF ROOFING AT AREAS OF STRUCTURAL & MECHANICAL WORK.

AS-BUILT DRAWING
FEB 17, 1999

N:\JOBS\9801\SD\A-1.DWG

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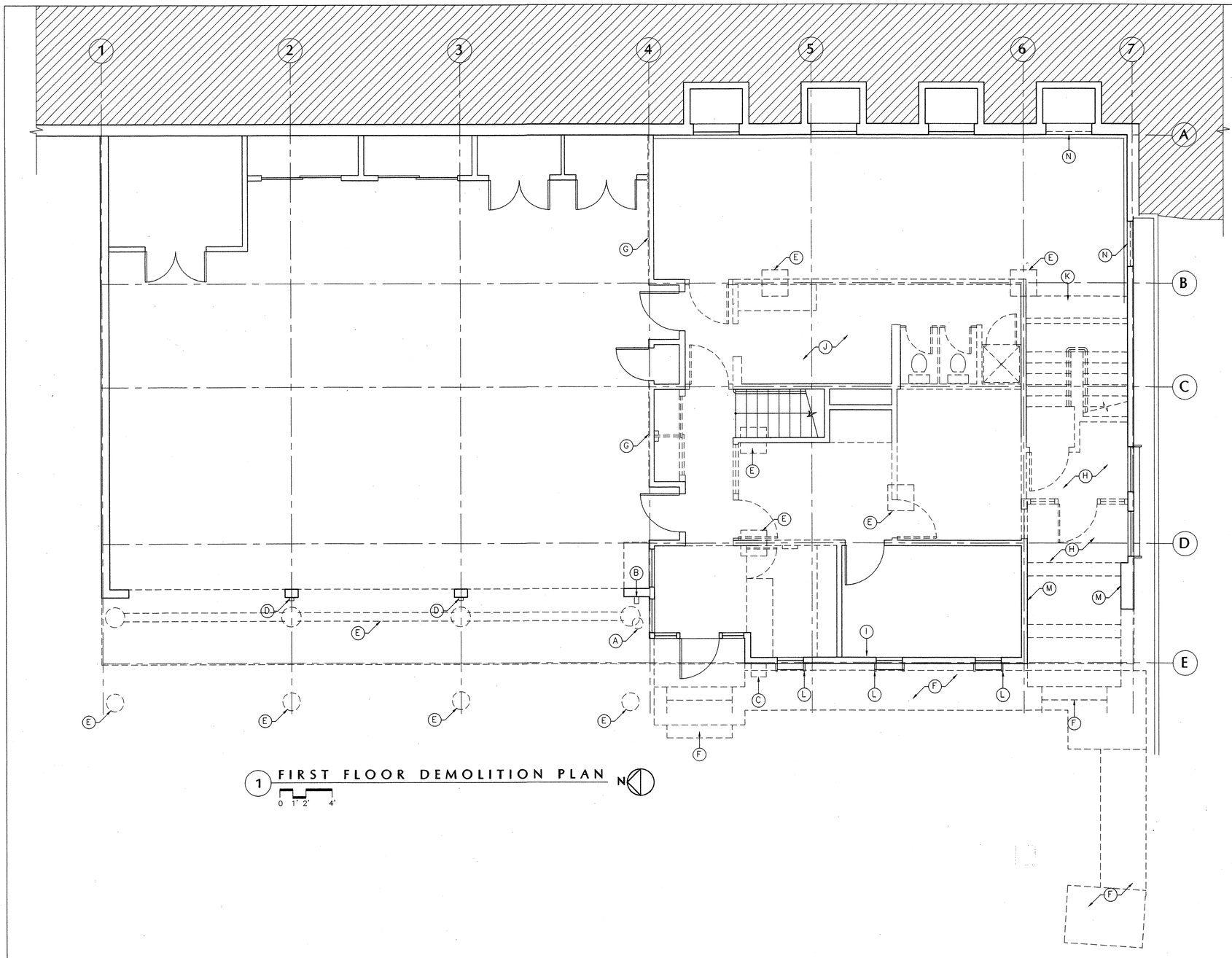
KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

SITE & ROOF PLAN

DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, JL, KR

A-1



1 FIRST FLOOR DEMOLITION PLAN

0 1' 2' 4'

NOTES

PHASING NOTES:

1. THE KENSINGTON POLICE DEPARTMENT WILL OCCUPY THE NORTHERN PORTION OF THE SECOND FLOOR (APPROXIMATELY GRIDLINES 1–4) THROUGHOUT THE CONSTRUCTION PERIOD. SEE SHEET A–3 FOR LOCATION AND PHASING NOTES.

GENERAL DEMOLITION NOTES:

I. REMOVE CARPET AND FLOORING, TYPICAL GRIDLINES 4–7.

II. SHORE EXISTING FLOOR AND ROOF STRUCTURE PRIOR TO REMOVAL OF EXISTING CONSTRUCTION, S.S.D.

III. SEE SHEETS A–7 AND A–8 FOR EXTENT OF CEILING DEMOLITION.

IV. SEE MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR OTHER DEMOLITION ITEMS. SCOPE OF WORK INCLUDES DEMOLITION AND PATCHING AS REQUIRED FOR MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL WORK.

DEMOLITION KEY NOTES:

A. REMOVE AND RELOCATE WATER METER, S.P.D.

B. REMOVE FIRE HOSE CONNECTION AND HOSE BIB, S.P.D.

C. REMOVE AND RELOCATE PUBLIC PHONE

D. REMOVE AND SALVAGE ALARM AND DOOR CONTROLS

E. SAWCUT AND REMOVE PORTIONS OF CONC. SLAB FOR FOUNDATIONS AND GRADE BEAMS, S.S.D. PATCH CONCRETE TO MATCH EXISTING.

F. REMOVE CONCRETE WALKWAY, LANDINGS AND STAIRS FOR NEW RAMP. EXCAVATE, AND RELOCATE SPRINKLER OR PLUMBING LINES AS REQUIRED. PROVIDE NEW FOUNDATION FOR PLANTER AS REQUIRED.

G. REMOVE INTERIOR FINISHES, MAPS, ALARM, WORK BENCH, ETC. FOR NEW SHEAR WALL AND HOLD DOWNS, S.S.D. REINSTALL ALL TO MATCH EXISTING.

H. REMOVE RAISED CONCRETE SLAB AND STAIRS. EXCAVATE TO NEW LEVEL, S.S.D.

I. SAWCUT SLAB AND REMOVE FINISHES AS REQUIRED TO INSTALL C.I.P. CLIPS, S.S.D., PATCH TO MATCH EXISTING. TYPICAL FOR 5 LOCATIONS.

J. REMOVE CERAMIC TILE, LEVEL SLAB AS REQUIRED.

K. SAWCUT EXISTING SLAB, INSTALL NEW FOOTING AND WALL PRIOR TO DEMOLITION OF SUPPORTING WALL, S.S.D.

L. CUT BACK & MODIFY WINDOW HOOD PROJECTIONS, SEE WINDOW DETAILS ON SHEET A–10.

M. REMOVE SHINGLE SIDING AND WOOD SOFFIT.

N. REMOVE WINDOW FOR NEW LOUVER.

O. REMOVE THRESHOLD IF HEIGHT GREATER THAN ½"

LEGEND

DEMOLISH EXISTING CONSTRUCTION

EXISTING WALL

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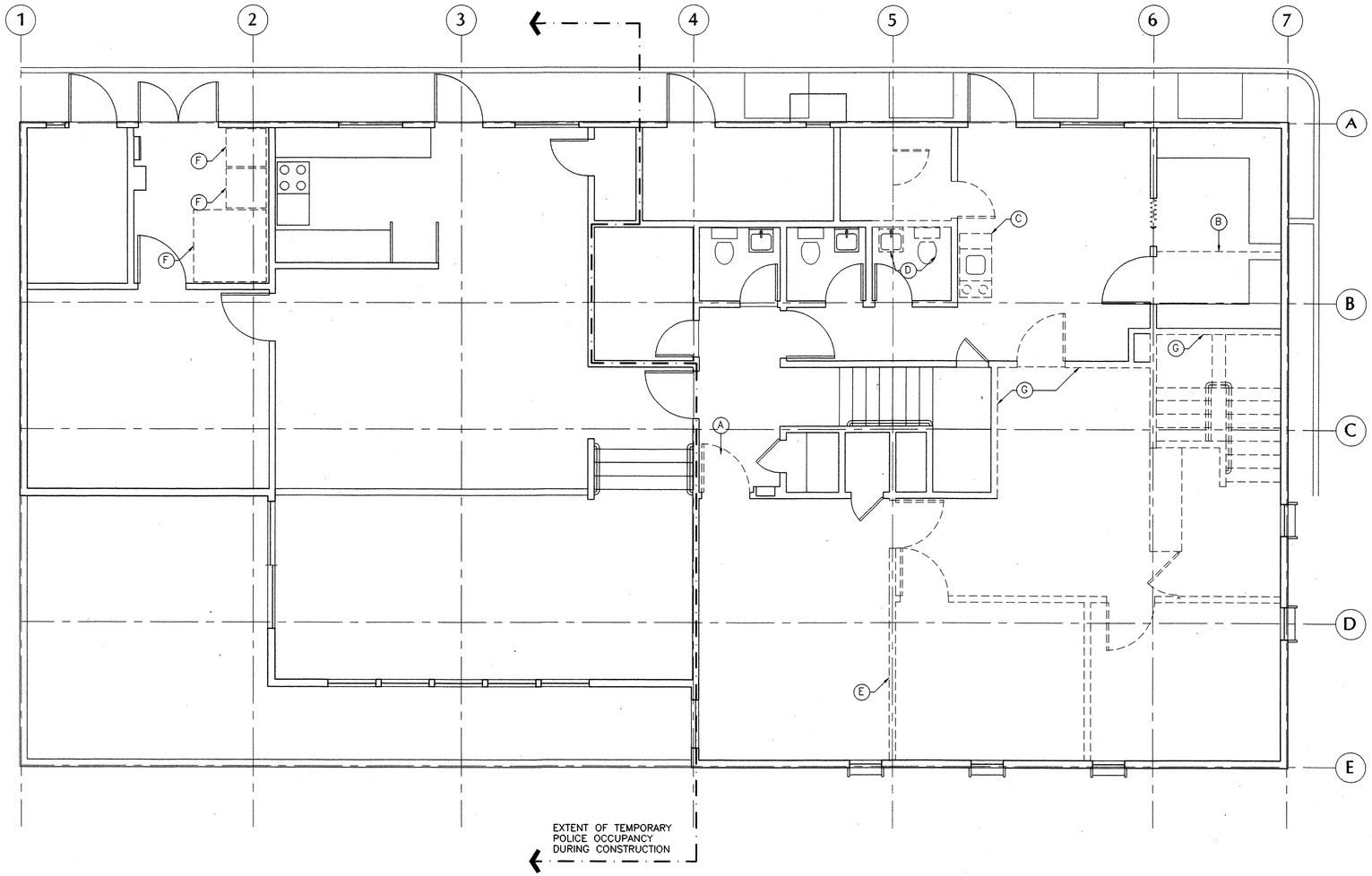
PERMIT SUBMITTAL

FIRST FLOOR DEMOLITION PLAN

DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, KR

A-2

N:\JOBS\9801\SD\A-1.DWG



1 SECOND FLOOR DEMO PLAN

0 1' 2' 4'

N

NOTES

PHASING NOTES:

1. THE KENSINGTON POLICE DEPARTMENT WILL OCCUPY THE NORTHERN PORTION OF THE SECOND FLOOR (APPROXIMATELY GRIDLINES 1–4) THROUGHOUT THE CONSTRUCTION PERIOD. AREA OF TEMPORARY POLICE OCCUPANCY INCLUDES ROOMS 214–218. SEE SHEET A–5 FOR LAYOUT AND ROOM NUMBERS.

2. MAINTAIN UNINTERRUPTED POWER & COMMUNICATIONS TO THE TEMPORARY POLICE AREA THROUGHOUT THE CONSTRUCTION PERIOD.

3. INTERRUPTIONS TO UTILITY SERVICES ALLOWED ONLY WITH WRITTEN PERMISSION OF THE POLICE CHIEF AND SCHEDULED ONE WEEK IN ADVANCE.

4. KEEP TOILET ROOM 203 OPERATIONAL THROUGHOUT CONSTRUCTION. PROVIDE ALTERNATE FACILITIES SEPERATE FROM THE CONTRACTOR'S FACILITIES DURING ANY TEMPORARY SHUT DOWNS.

5. MAINTAIN DUST PROOF ENCLOSURE SEPARATING CONSTRUCTION AREA FROM AREA OF TEMPORARY POLICE OCCUPANCY THROUGH OUT THE CONSTRUCTION PERIOD.

6. COMPLETE ALL SHORING AND NEW CONSTRUCTION PRIOR TO REMOVING AWAY STRUCTURAL ELEMENTS, S.S.D.

GENERAL DEMOLITION NOTES:

I. REMOVE CARPET AND FLOORING, ROOMS 200,201, 204–210.

II. SHORE EXISTING FLOOR AND ROOF STRUCTURE PRIOR TO REMOVAL OF EXISTING CONSTRUCTION, S.S.D.

DEMOLITION KEY NOTES:

A. SALVAGE & STORE DOOR

B. REMOVE WIRE PARTITION.

C. REMOVE CABINET AND SINK, CAP PIPES BELOW FLOOR.

D. REMOVE TOILET FIXTURES, CAP PIPES BELOW FLOOR.

E. REMOVE BLACK BOARD, SALVAGE.

F. ITEMIZED PRICING ITEM A:
TEMPORARILY REMOVE AND STORE WASHER, DRYER AND HOSE DRYER. PAINT ROOM 218. REINSTALL WASHER, DRYER AND HOSE DRYER AT COMPLETION OF PROJECT.

G. REMOVE INTERIOR LAYER OF GYP. BD. FROM FLOOR TO PROPOSED CEILING FOR RESILIENT CHANNEL INSTALLATION.

LEGEND

- DEMOLISH EXISTING CONSTRUCTION
- EXISTING WALL TO REMAIN

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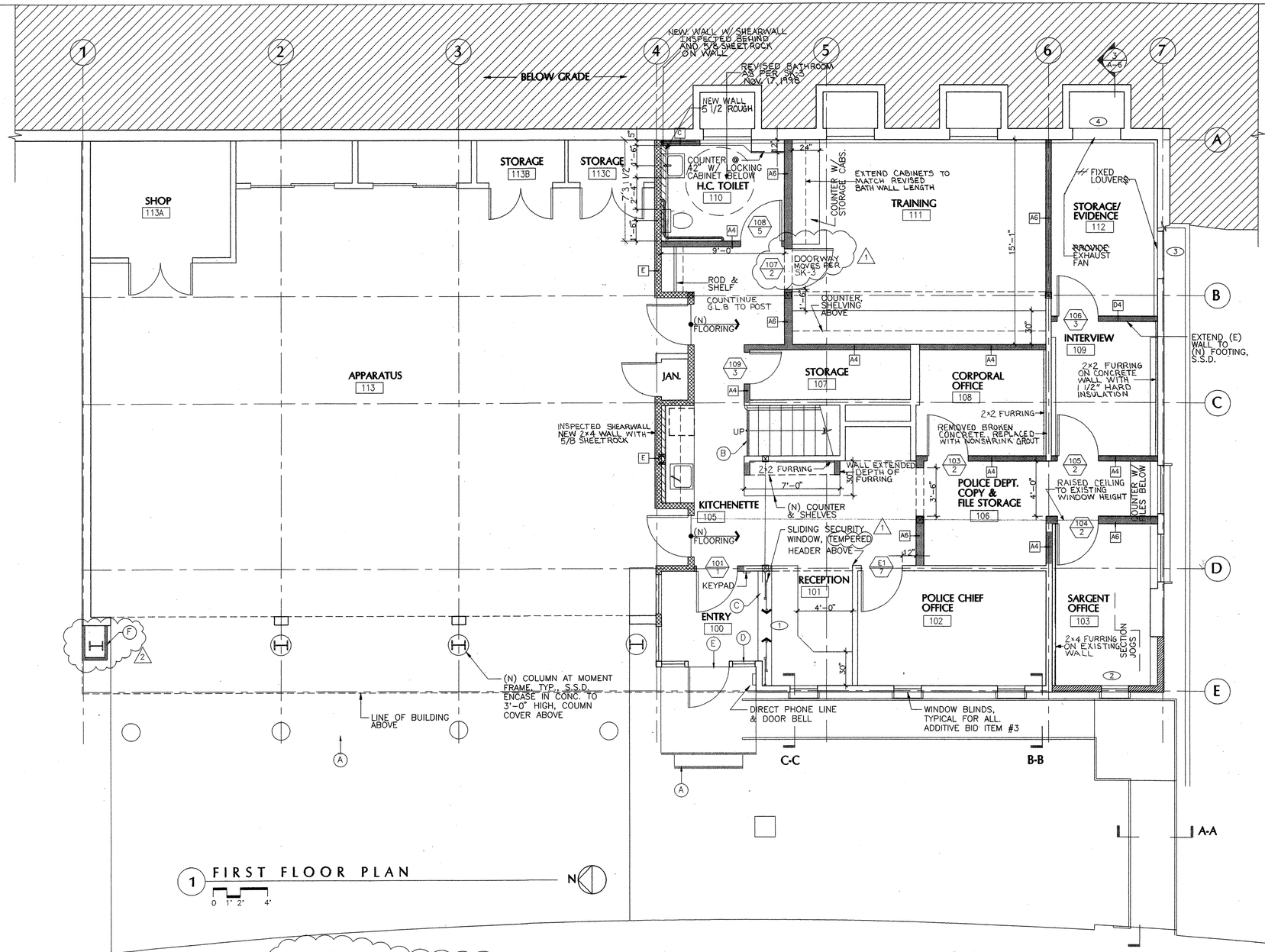
PERMIT SUBMITTAL

SECOND FLOOR DEMOLITION PLAN

DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, KR

A-3

N:\JOBS\9801\SD\A-3.DWG



1 FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

KEY NOTES

(A) PAINT 2" WIDE COLOR CONTRASTING STRIPE @ NOSING OF ALL EXTERIOR STEPS. COLOR: YELLOW

(B) 2" WIDE COLOR CONTRASTING STRIPE @ NOSING OF CARPET STEPS. SEE SPECS

(C) ACCESSIBLE SERVICE COUNTER, SEE INTERIOR ELEVATIONS ON SHEET A-9

(D) ACCESSIBLE ENTRANCE DECAL ON SIDELITE SIZE 6"X 6" MIN, MOUNT 60" A.F.F.

(E) WHITE VINYL STREET ADDRESS LETTERS ON TRANSOM, 6" HIGH, MOUNT ON INTERIOR (REVERSE READING), ASI OR EQ.

(F) FURR OUT COLUMN FULL HEIGHT, SIM. TO NEW EXTERIOR WALL. ADD 5/8" TYPE 'X' EXTERIOR GYP. BD. SHEATHING UNDER PLYWD.

NOTES

THE FOLLOWING ARE ADDITIVE BID ITEMS. THEY ARE NOT PART OF THE BASE BID AND ARE LISTED IN SPEC. SECTION 01035.

I. BID ITEM #2: CASE WORK AS NOTED ON SHEET A-9.

II. BID ITEM #3: PROVIDE 1" HORIZONTAL BLINDS AT ALL NEW AND EXISTING WINDOWS THROUGHOUT BUILDING.

III. BID ITEM #3: PULL-DOWN PROJECTION SCREEN IN TRAINING, ROOM 111.

IV. BID ITEM #3: LOCKERS

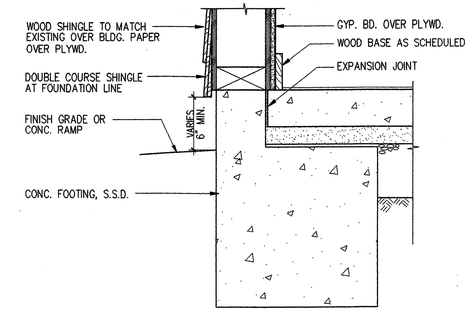
LEGEND

NEW PARTITION, SEE A-11 FOR TYPES

EXISTING WALL

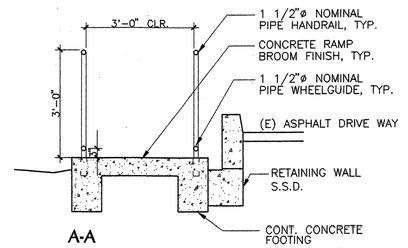
NEW EXTERIOR WALL - SHINGLES TO MATCH (E) OVER 20# FELT OVER 1/2" PLYWD. ON 2X4 STUDS @ 16" O.C., S.S.D. FOR SHEAR WALL LOCATIONS TO ADD 1/2" PLYWD. ON INTERIOR FACE UNDER GYP. BD.

EXISTING 1 HR. OCCUPANCY SEPARATION:
1) SEE PARTITION TYPE E/ SHEET A-11
2) CONFIRM EXISTING CONNECTING DOORS ARE SELF-CLOSING AND HAVE 1 HR. LABEL. REPLACE/ RE-LABEL AS REQ'D.
3) CONFIRM EXISTING INTERIOR WINDOW HAS 3/4 HR. LABEL.

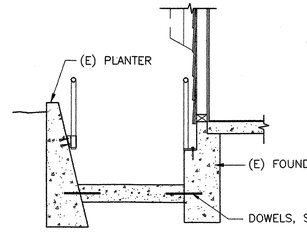


3 BASE AT EXTERIOR WALL

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

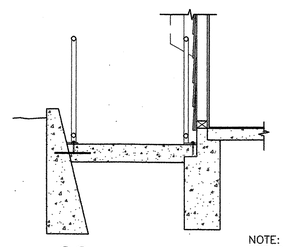


A-A



B-B

NOTE:
SEE DETAILS A-A FOR TYPICAL NOTES.



C-C

NOTE:
SEE DETAILS A-A & B-B FOR TYPICAL NOTES.

NOTE:
SEE STRUCTURAL DRAWINGS FOR SHAPE, SIZE, REINFORCEMENT, & CONNECTION DETAILS OF NEW CONCRETE RAMP SECTION

2 RAMP DETAILS

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

AS-BUILT DRAWING
FEB 17, 1999

REVISIONS

1	PERMIT COMMENTS 19 OCT '98
2	PERMIT COMMENTS 6 NOV. '98
3	HC TOILET ROOM 17 NOV. '98

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PERMIT SUBMITTAL

FIRST FLOOR PLAN & RAMP DETAILS

DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, KR, JL

A-4

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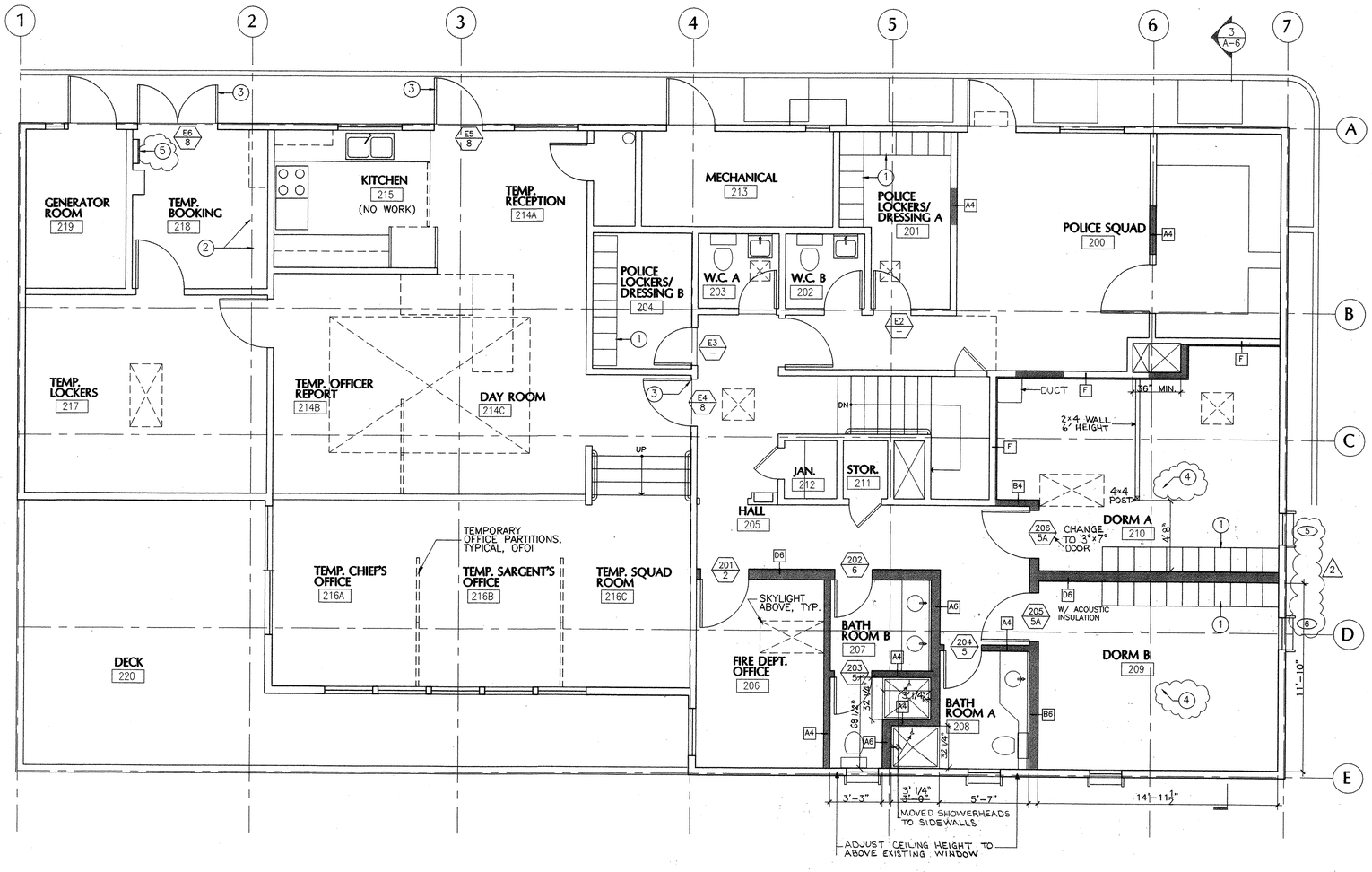

1 SECOND FLOOR PLAN

0 1' 2' 4'

N

KEYNOTES

1. ADDITIVE BID ITEM #3: LOCKERS
2. REINSTALL WASHER, DRYER & HOSE DRYER AT COMPLETION OF PROJECT
3. PROVIDE NEW CYLINDER OR LOCKSET AND RE-KEY (E) DOOR. SEE SPEC SECTION 08710.
4. PROVIDE SMOKE DETECTORS IN DORMS, SEE NOTE 9/ SHEET E-1
5. EXISTING LADDER & ROOF HATCH TO REMAIN

LEGEND

NEW PARTITION, SEE A-11 FOR TYPES

EXISTING WALL

AS-BUILT DRAWING
FEB 17,1999

N:\JOBS\9801\SD\A-5.DWG

REVISIONS

2 PERMIT COMMENTS 6 NOV. '98

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KENSINGTON FIRE STATION / PUBLIC SAFETY BUILDING RENOVATION

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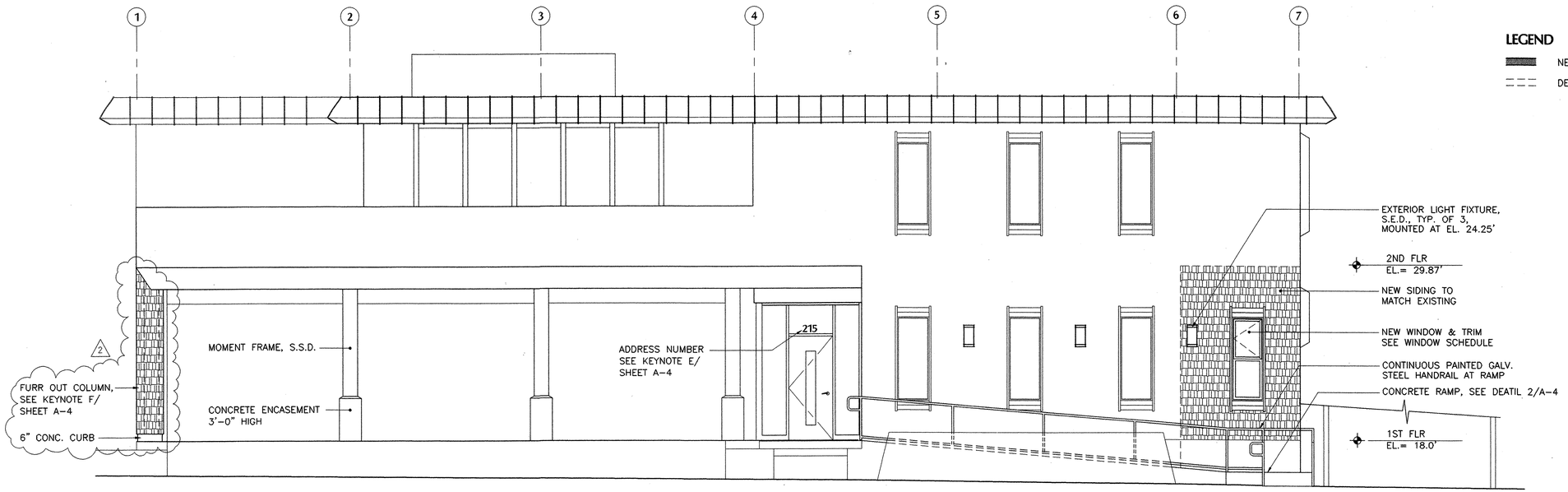
KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

SECOND FLOOR PLAN

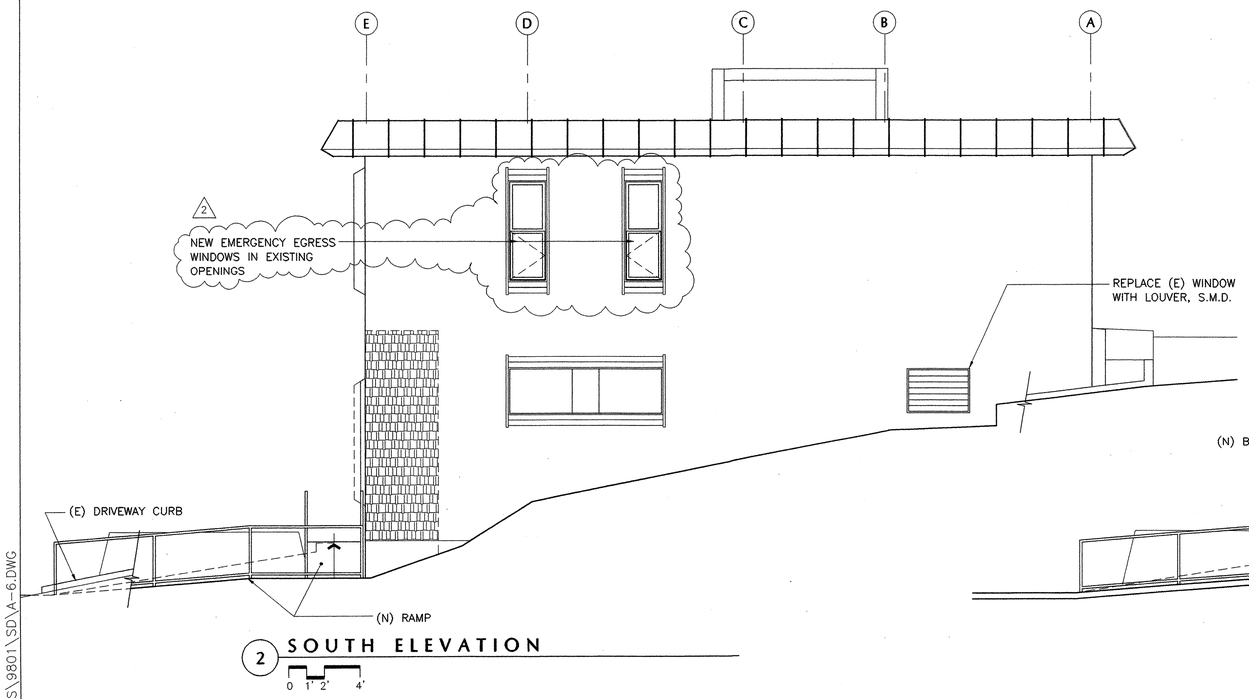
DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, KR

A-5



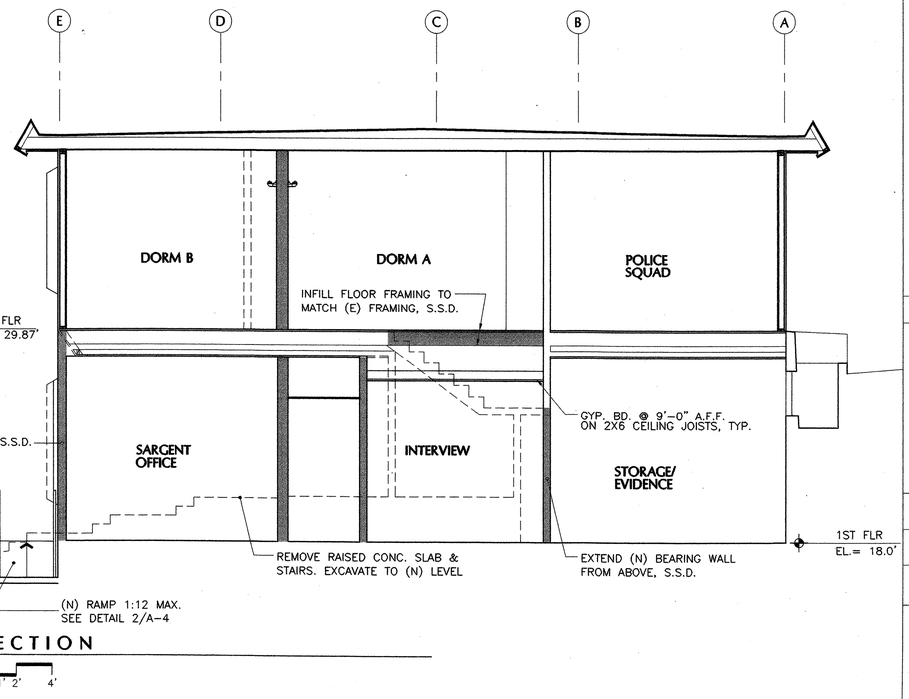
1 WEST ELEVATION

0 1" 2' 4'



2 SOUTH ELEVATION

0 1" 2' 4'



3 SECTION

0 1" 2' 4'

AS-BUILT DRAWING
FEB 17,1999

N:\JOBS\9801\SD\A-6.DWG

REVISIONS

2 PERMIT COMMENTS 6 NOV. '98

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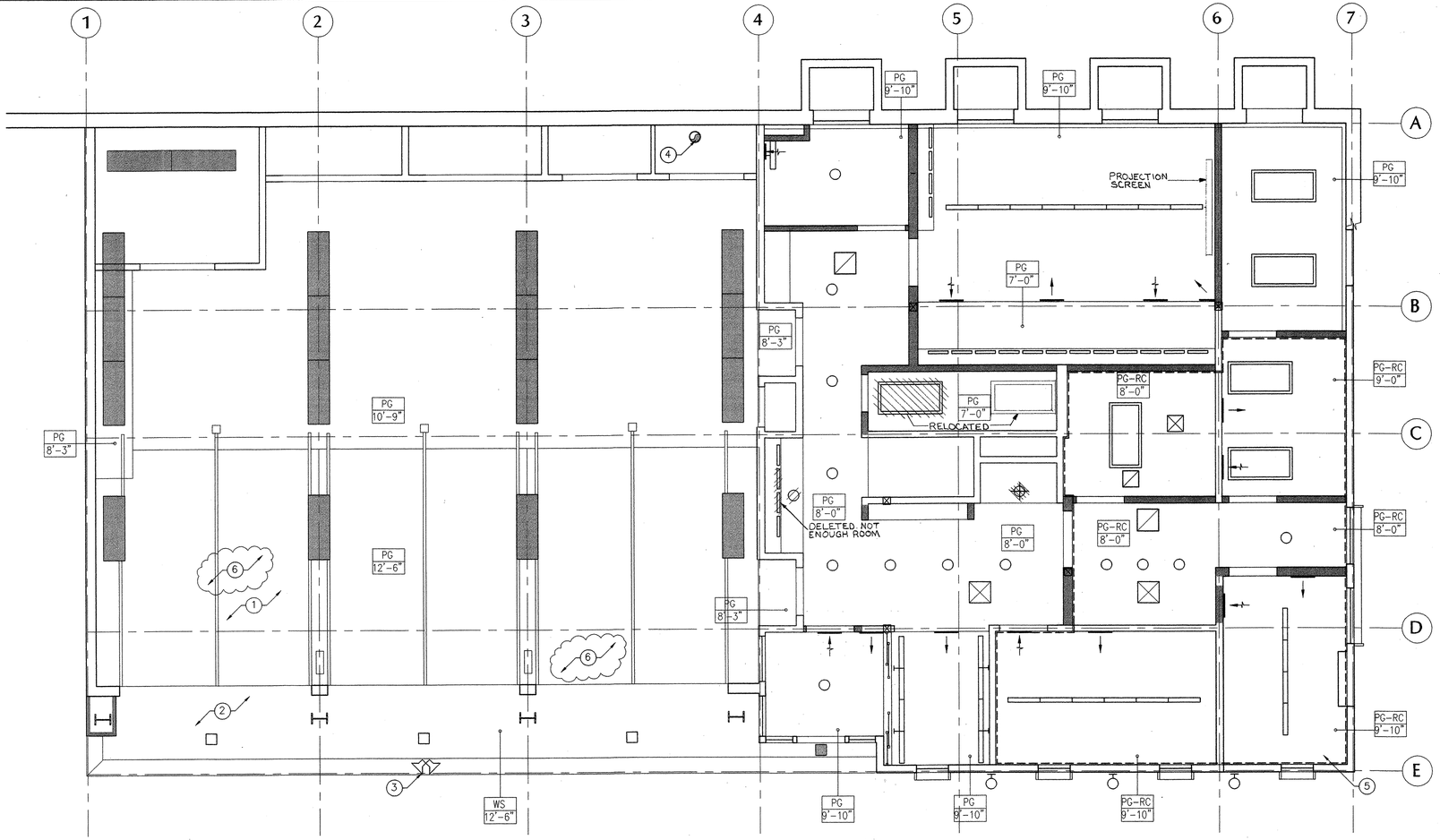
PERMIT SUBMITTAL

EXTERIOR ELEVATIONS & BUILDING SECTIONS

DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, JL, KR

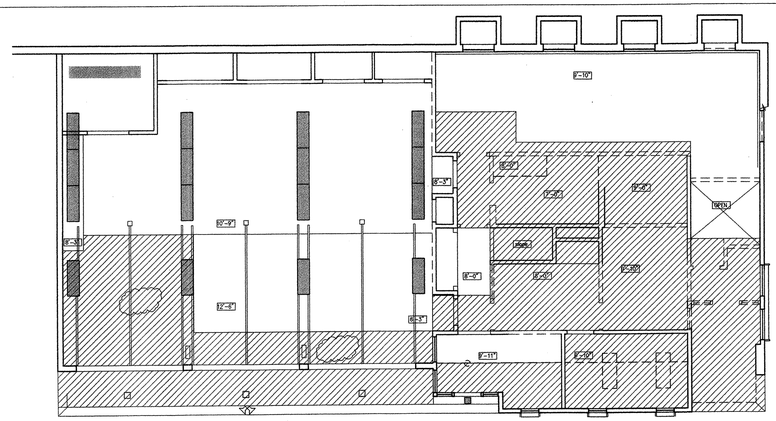
A-6



1 FIRST FLOOR REFLECTED CEILING PLAN

0 1' 2' 4'

N



2 FIRST FLOOR REFL CEILING DEMO PLAN

0 2' 4' 8'

N

LEGEND FOR DEMOLITION CEILING PLAN

REMOVE (E) CEILING FOR STRUCTURAL WORK, S.S.D. FOR EXTENTS

LEGEND FOR REFLECTED CEILING PLAN

- WALL–MTD. INDIRECT FLUOR. LIGHT FIXTURE, S.E.D
- PENDANT–MTD. INDIRECT FLUOR. LIGHT FIXTURE, S.E.D
- SURFACE–MTD. WRAPAROUND FLUOR., S.E.D.
- UNDER–CABINET FLUOR. TASK LIGHT S.E.D., PRICE WITH ALTERNATE #1 IN TRAINING ROOM
- RECESSED COMPACT FLUOR. DOWNLIGHT, S.E.D.
- WALL–MOUNTED LIGHT, S.E.D.
- WALL–MOUNTED VANITY LIGHT, S.E.D.
- RECESSED WATERPROOF DOWNLIGHT, S.E.D.
- SURFACE–MOUNTED LIGHT, S.E.D.
- SUPPLY AIR OUTLET, S.M.D.
- EXHAUST AIR OUTLET, S.M.D.
- EXHAUST FAN, S.M.D.
- RETURN AIR OUTLET, S.M.D.
- WALL SUPPLY AIR OUTLET, S.M.D.
- WALL RETURN AIR OUTLET, S.M.D.
- 9'–0" CEILING HEIGHT
- WS WOOD SOFFIT TO MATCH EXISTING STRUCTURE ABOVE
- PG PAINTED GYP. BD. CEILING ON (N) OR (E) 2X CEILING JOISTS @ 24" O.C. – REMOVE ACOUSTIC TILE WHERE OCCURS
- PG–RC PAINTED GYP. BD. CEILING ON RESILIENT CHANNELS SEE DETAIL 9/A–12.
- (E) SUPPLY AIR OUTLET, S.M.D.
- (E) EXHAUST AIR OUTLET, S.M.D.
- (E) RETURN AIR OUTLET, S.M.D.
- (E) LIGHT TO REMAIN. REMOVE AND REINSTALL AT AREAS OF DEMOLITION

KEYNOTES

1. REMOVE AND REINSTAL (E) LIGHTS, DOOR TRACKS, ELECTRICAL ITEMS, ETC. DEMO AREA OF APPARATUS AREA
2. REMOVE (E) WOOD SOFFIT, INSTALL NEW SOFFIT TO MATCH EXISTING
3. REINSTALL ALARM
4. EXHAUST DUCT UP, S.M.D.
5. ADD 9" BATT ACOUSTIC INSULATION AND 2 LAYERS 5/8" GYP. BD. BETWEEN FRAMING TO UNDERSIDE OF SECOND FLOOR, TYPICAL ABOVE ROOMS 102, 103, 106, 108, 109. SEE DETAIL 9/A–12.
6. ALL NEW GYP. BD. IN CEILING OF APPARATUS ROOM TO BE 5/8" TYPE 'X' .

AS-BUILT DRAWING
FEB 17,1999

REVISIONS

2 PERMIT COMMENTS 6 NOV. '98

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PERMIT SUBMITTAL

FIRST FLOOR REFLECTED CEILING PLAN

DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, KR, JL

A-7

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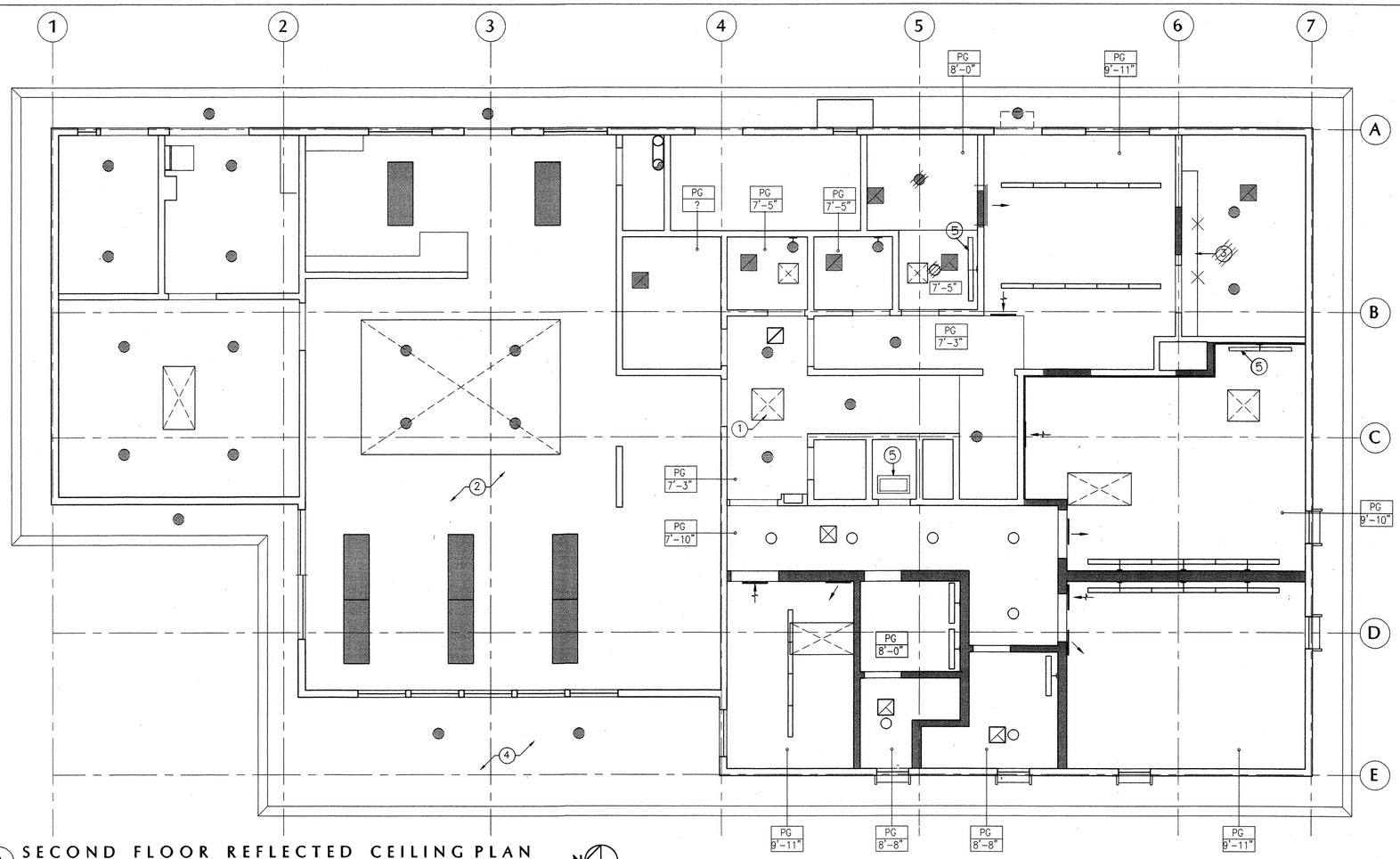
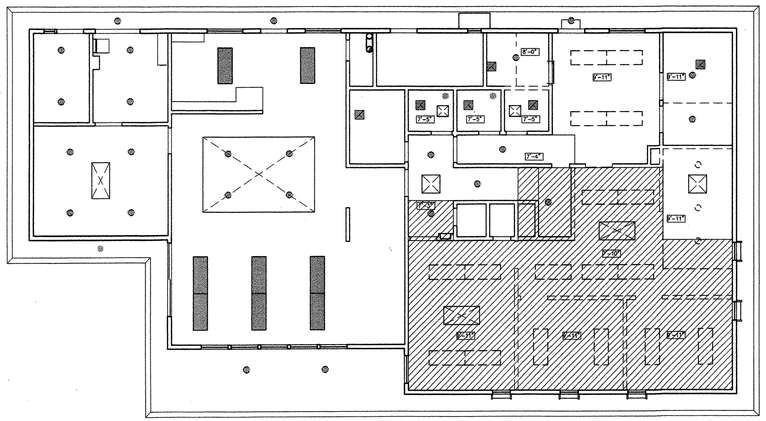


1 SECOND FLOOR REFLECTED CEILING PLAN

0 1' 2' 4'

N



2 SECOND FLOOR REFL CEILING DEMO PLAN

0 2' 4' 8'

N

LEGEND FOR DEMOLITION CEILING PLAN

REMOVE (E) CEILING FOR STRUCTURAL WORK, S.S.D. FOR EXTENTS

LEGEND FOR REFLECTED CEILING PLAN

- WALL–MTD. INDIRECT FLUOR. LIGHT FIXTURE, S.E.D
- PENDANT–MTD. INDIRECT FLUOR. LIGHT FIXTURE, S.E.D
- SURFACE–MTD. WRAPAROUND FLUOR., S.E.D.
- UNDER CABINET FLUOR. TASK LIGHT
- RECESSED COMPACT FLUOR. DOWNLITE, SE.D.
- WALL MOUNTED LIGHT, S.E.D.
- WALL MOUNTED VANITY LIGHT, S.E.D.
- RECESSED WATERPROOF DOWNLITE, S.E.D.
- SURFACE MOUNTED LIGHT, .S.E.D.
- SUPPLY AIR OUTLET, S.M.D.
- EXHAUST AIR OUTLET, S.M.D.
- EXHAUST FAN, S.M.D.
- RETURN AIR OUTLET, S.M.D.
- WALL SUPPLY AIR OUTLET, S.M.D.
- WALL RETURN AIR OUTLET, S.M.D.
- (E) SKYLIGHT
- 9'-0" CEILING HEIGHT
- WS WOOD SOFFIT TO MATCH EXISTING STRUCTURE ABOVE
- PG PAINTED GYP. BD., REMOVE ACOUSTIC TILE WHERE OCCURS
- (E) SUPPLY AIR OUTLET, S.M.D.
- (E) EXHAUST AIR OUTLET, S.M.D.
- (E) RETURN AIR OUTLET, S.M.D.
- (E) LIGHT TO REMAIN, REMOVE AND REINSTALL AT AREAS OF DEMOLITION

KEYNOTES

1. (E) SKYLIGHTS TO REMAIN, TYPICAL
2. (E) CEILING, LIGHTS & DIFFUSERS TO REMAIN NO CEILING WORK GRIDLINES 1–4
3. ~~GYP. BD. SOFFIT AROUND DUCT~~
4. (E) SOFFIT TO REMAIN, TYPICAL
5. FLOUR. LIGHT ADDITION

AS-BUILT DRAWING
FEB 17,1999

REVISIONS

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KENSINGTON, CALIFORNIA 94707

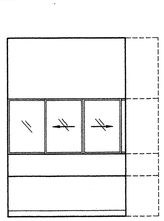
PERMIT SUBMITTAL

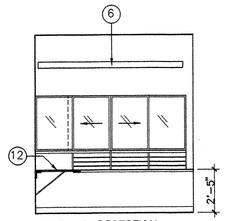
SECOND FLOOR REFLECTED CEILING PLAN

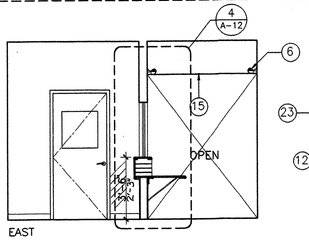
DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, KR, JL

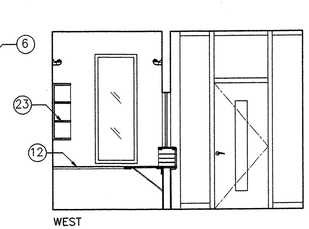
A-8

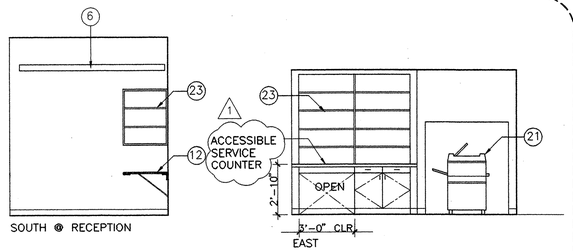
N:\JOBS\9801\SD\A-8.DWG











ENTRY & RECEPTION

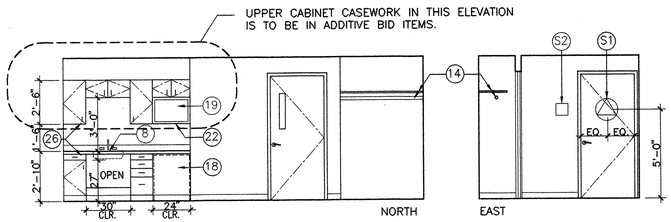
100 101

HALLWAY TO RM. 106

105A

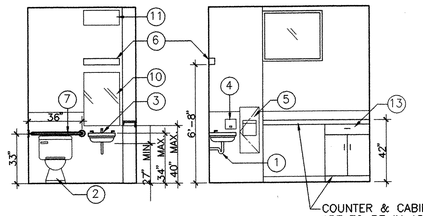
CASEWORK SHOWN IN THESE ELEVATIONS ARE TO BE IN ADDITIVE BID ITEM #2 BASE BID TO INCLUDE SECURITY WINDOW (TYPE A) ON 3'-6" PARTITION.

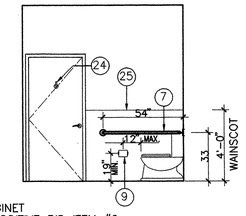
UPPER CABINET CASEWORK IN THIS ELEVATION IS TO BE IN ADDITIVE BID ITEMS.



KITCHENETTE

105

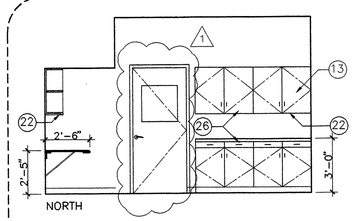


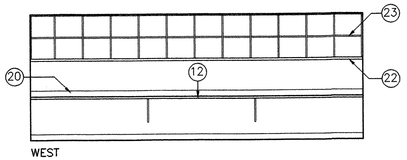


COUNTER & CABINET ARE TO BE IN ADDITIVE BID ITEM #2

H.C. TOILET

110

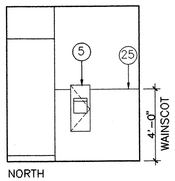


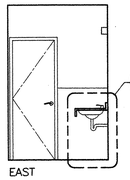


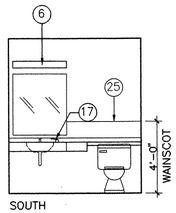
TRAINING

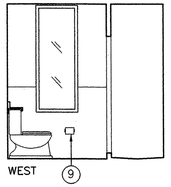
111

CASEWORK SHOWN IN THESE ELEVATIONS ARE TO BE IN ADDITIVE BID ITEM #2



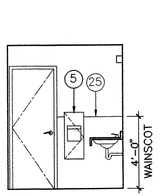


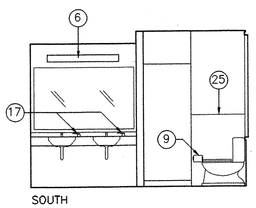




BATH ROOM A

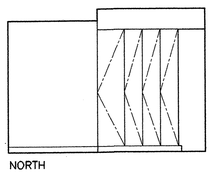
208

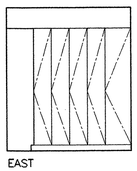


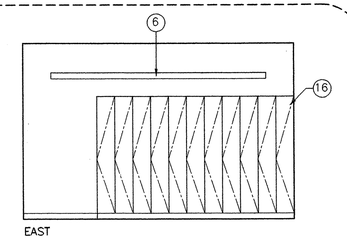


BATH ROOM B

207







POLICE LOCKERS/ DRESSING A

201

DORM B

209

LOCKERS SHOWN IN THESE ELEVATIONS ARE TO BE IN ADDITIVE BID ITEM #3

KEYNOTES

1. THERMAL KNEE-PROTECTIVE INSULATED PIPE WRAPPING
2. ACCESSIBLE WATER CLOSET, SEE SPECIFICATIONS
3. ACCESSIBLE LAVATORY
4. RECESSED SOAP DISPENSER: BOBRICK B-4063
5. RECESSED PAPER TOWEL DISPENSER & TRASH RECEPTACLE: BOBRICK B-36903. MOUNT SO THAT ALL OPERABLE PARTS ARE WITHIN 40" OF FLOOR
6. WALL MTD. FLUORESCENT LIGHT FIXTURE
7. GRAB BAR, LENGTH AS NOTED
8. ACCESSIBLE SINK W/ GARB. DISPOSAL, SEE DETAIL 1/A-12
9. TOILET TISSUE DISPENSER: BOBRICK B667
10. MIRROR, FIELD CUT TO FIT. MOUNT BOTTOM LESS THAN 40" A.F.F, NO J MOLD.
11. WALL REGISTER, S.M.D.
12. WORK COUNTER, SEE DETAIL 3/A12
13. LOCKING CABINET
14. SHELF & POLE
15. SOFFIT
16. LOCKERS, ADDITIVE BID ITEM #3
17. LAVATORY MTD. SOAP DISPENSER: BOBRICK B-822
18. REFRIGERATOR, N.I.C. (MUST FIT UNDER 2'-8" H. COUNTER)
19. MICROWAVE, N.I.C.
20. CONT. POWER STRIP , S.E.D.
21. XEROX MACHINE, N.I.C.
22. UNDER CABINET LIGHT
23. P-LAM OPEN SHELVES
24. COAT HOOK
25. C. TILE WAINSCOT, SEE DETAIL 8/A-12
26. BASE & WALL CABINETS, SEE DETAIL 2/A-12

TOILET ROOM SIGNAGE

TITLE 24 COMPLIANT:
- DOOR-MOUNTED GEOMETRIC SIGN
- 60" ABOVE FLOOR, CENTER ON DOOR
- 1/4" THICK
- COLOR TO CONTRAST WITH DOOR

(S1) UNISEX TOILET ROOM: 12" DIAMETER CIRCLE, & TRIANGLE WITH 12" SIDES INSCRIBED & SUPERIMPOSED ON THE CIRCLE

ADA COMPLIANT:
- WALL-MOUNTED AT LATCH SIDE OF DOOR, ALLOWING APPROACH TO WITHIN 3"
- 60" ABOVE FLOOR
- RAISED LETTERS AND BRAILLE
- PICTOGRAMS TO HAVE 6" BORDER
- LETTERS AND PICTOGRAM COLOR TO CONTRAST WITH SIGN BACKGROUND

(S2) UNISEX TOILET ROOM: MALE & FEMALE PICTOGRAM, WHEELCHAIR SYMBOL, LETTERS & BRAILLE TO READ "RESTROOM"

* NOTE: OMIT WHEELCHAIR SYMBOL AT NON-ACCESSIBLE SECOND FLOOR TOILET ROOMS

INTERIOR COLOR SELCTIONS

1. CARPET: BENTLEY PEBBLE POINTS:
   PB32B-6636 KESTREL
2. PLASTIC LAMINATE:
   RECEPTION COUNTER, KITCHENETTE AND WORK COUNTERS
   VERTICAL SURFACES: POINTE FEATHER GRAY SG251S SUEDE
   HORIZONTAL SURFACES: POINTE SAND SPECTRUM AT721 SUEDE
   TOILET ROOM VANITIES: POINTE THYME FIBER AV721 SUEDE
3. VINYL TILE:
   FLOORING: ARMSTRONG IMPERIAL COOL WHITE 51899
4. BASE AT VINYL FLOORING:
   ASROCK CB-66
5. CERAMIC TILE FLOOR AT ENTRY:
   CROSSVILLE CROSS COLORS SAND BISQUE UPS 1
   GROUT TO BE CUSTOM BUILDING PRODUCTS CANVAS #365
6. PAINT COLORS:
   INTERIOR WALL AND CEILING:
   PRATT AND LAMBERT CALIBRATED COLORS IV 2301 HEDRON
   WOOD BASE AND DOOR TRIM
   PRATT AND LAMBERT CALIBRATED COLORS IV 2303 OLDE SILVER
7. SHOWER ENCLOSURES:
   INNOCENT BLUSH (55)
8. INTERIOR WOOD DOOR:
   CLEAR FINISH TO MATCH EXISTING DOORS
9. MINI BLINDS:
   GRABER. STUCCO 963
10. HANDICAP SIGNS
    BACKGROUND COLOR
    180 TAUPE

AS-BUILT DRAWING
FEB 17, 1999

REVISIONS

1 PERMIT COMMENTS 19 OCT '98

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KENSINGTON, CALIFORNIA 94707

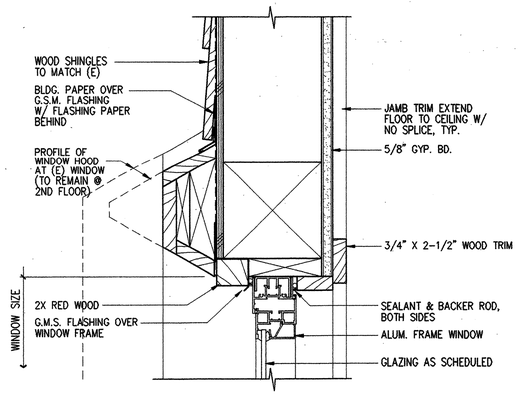
PERMIT SUBMITTAL

INTERIOR ELEVATIONS

DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT

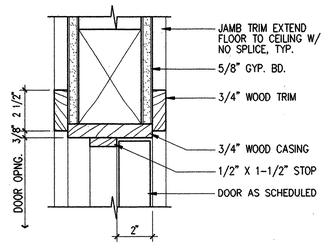
A-9

N:\JOBS\9801\DD\A-9.DWG



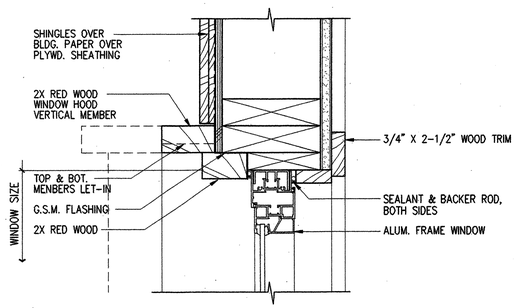
4 ALUM. WINDOW HEAD

SCALE: 3" = 1'-0"



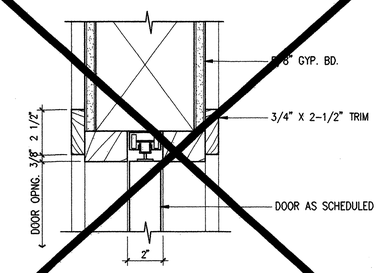
1 TYP. INTERIOR DOOR HEAD (JAMB SIM.)

SCALE: 3" = 1'-0"



5 ALUM. WINDOW JAMB

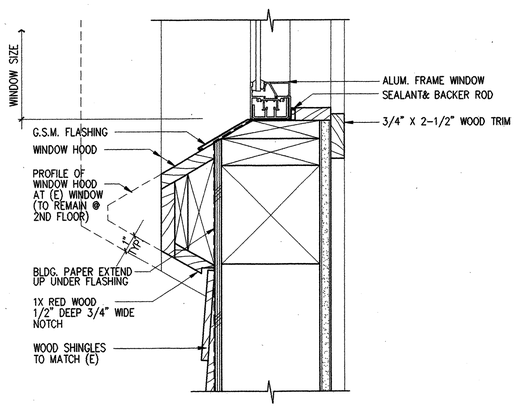
SCALE: 3" = 1'-0"



NOT USED ⚠1

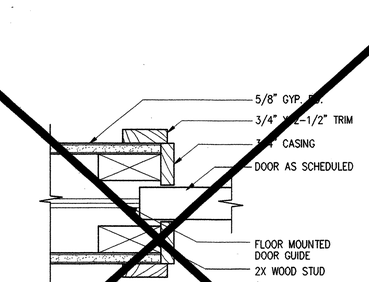
2 POCKET DOOR HEAD

SCALE: 3" = 1'-0"



6 ALUM. WINDOW SILL

SCALE: 3" = 1'-0"

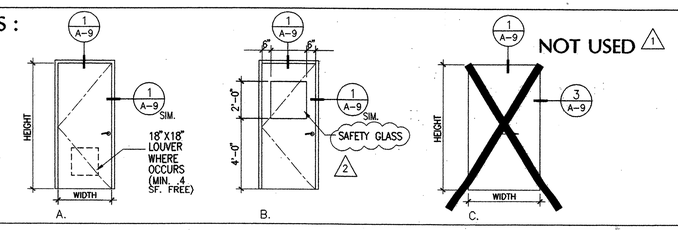


NOT USED ⚠1

3 POCKET DOOR JAMB

SCALE: 3" = 1'-0"

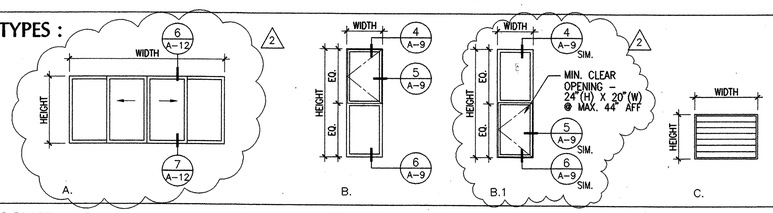
DOOR TYPES :



DOOR SCHEDULE :

NUMBER	TYPE	APPROX. OPENING WIDTH	APPROX. OPENING HEIGHT	DOOR THICK.	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	STC RATING	REMARKS
101/1	B	3'-0"	7'-0"	1 3/4	S.C. WOOD/ GLASS	PAINT	WOOD	PAINT		ELEC. STRIKE & KEY PAD
103/2	B	3'-0"	7'-0"	1 3/4	S.C. WOOD/ GLASS	PAINT	WOOD	PAINT		
104/2	A	3'-0"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		
105/2	A	3'-0"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		
106/3	A	3'-0"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		
107/2	B	3'-0"	7'-0"	1 3/4	S.C. WOOD/ GLASS	PAINT	WOOD	PAINT		
108/5	A	3'-0"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		UNDERCUT 1"
109/3	A	3'-0"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		
201/2	A	3'-0"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		PROVIDE LOUVER
202/6	A	2'-4"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		PROVIDE LOUVER
203/5	A	2'-4"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		PROVIDE LOUVER
204/5	A	2'-4"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT		PROVIDE LOUVER
205/5A	A	3'-0"	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT	35	ACOUSTICAL SEALS
206/5A	A	3'-0" ~~2'-4"~~	7'-0"	1 3/4	S.C. WOOD	PAINT	WOOD	PAINT	35	ACOUSTICAL SEALS
E1/7										EXISTING DOOR TO REMAIN– PROVIDE NEW LOCKSET, SEE SPEC. SECTION 08710
E2/– E3/–										EXISTING DOOR TO REMAIN– MODIFY TO PROVIDE LOUVER
E4/8 E5/8 E6/8										EXISTING DOOR TO REMAIN– PROVIDE NEW CYLINDER AND/OR LOCKSET, SEE SPEC. SECTION 08710

WINDOW & LOUVER TYPES :



WINDOW & LOUVER SCHEDULE :

NUMBER	TYPE	APPROX. OPENING (V.I.F.) WIDTH	APPROX. OPENING (V.I.F.) HT	MATERIAL	FINISH	⚠2 GLASS	REMARKS
1	A	8'-8"	±3'-9-1/2"	ALUM.	FACTORY	1/8" CLEAR	SLIDING WINDOW WITH TEMPERED GLASS ⚠1
2	B	2'-0"	6'-1"	ALUM.	FACTORY	1/4" TINTED	TINT COLOR TO MATCH (E)
3	C	3'-6"	2'-6"	ALUM.	FACTORY	N/A	HIGH SECURITY W/ TAMPER-PROOF HARDWARE
4	C	3'-6"	2'-6"	ALUM.	FACTORY	N/A	HIGH SECURITY W/ TAMPER-PROOF HARDWARE
5 6	B.1	2'-0"	6'-1"	ALUM.	FACTORY	1/4" TINTED	TINT COLOR TO MATCH (E)

⚠2

AS BUILT DRAWING FEB 17, 1999

REVISIONS

⚠1 PERMIT COMMENTS 19 OCT '98

⚠2 PERMIT COMMENTS 6 NOV. '98

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KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

DOOR & WINDOW TYPES, SCHEDULE, & DETAILS

DATE: 10 SEP. '98
JOB: 9801
DRAWN: TT, KR

A-10

N:\JOBS\9801\DD\A-10.DWG

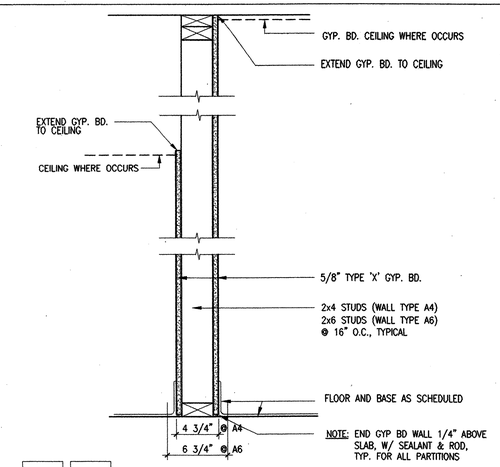
FINISH SCHEDULE:

NUMBER	NAME	FLOOR	BASE/ WAINSCOT	WALL	CEILING	REMARKS
100	ENTRY	C. TILE	WOOD 1X4	(N) &/OR (E) GYP. BD. PAINT, TYP.	SEE REFLECTED CEILING PLANS	
101	RECEPTION	CARPET	WOOD 1X4			
102	POLICE CHIEF OFFICE	CARPET	WOOD 1X4			
103	SARGENT OFFICE	CARPET	WOOD 1X4			
104	(NOT USED)					
105	KITCHENETTE	CARPET	WOOD 1X4			
106	POLICE DEPT. COPY & FILE STORAGE	CARPET	WOOD 1X4			
107	STORAGE	VINYL COMPOSITION TILE	VINYL COMPOSITION TILE			
108	CORPORAL OFFICE	CARPET	WOOD 1X4			
109	INTERVIEW	CARPET	WOOD 1X4			
110	H.C. TOILET	CERAMIC TILE	CERAMIC TILE / 4'-0"			
111	TRAINING	CARPET	WOOD 1X4			
112	STORAGE / EVIDENCE	VINYL COMPOSITION TILE	RUBBER BASE			
200	POLICE SQUAD	CARPET	WOOD 1X4			
201	POLICE LOCKERS/ DRESSING A	VINYL COMPOSITION TILE	RUBBER BASE			
202	W.C. B	(E)	(E)			
203	W.C. A	(E)	(E)			
204	POLICE LOCKERS/ DRESSING B	VINYL COMPOSITION TILE	RUBBER BASE			
205	HALL	CARPET	WOOD 1X4			
206	FIRE DEPT. OFFICE	CARPET	WOOD 1X4			
207	BATH ROOM B	CERAMIC TILE	CERAMIC TILE / 4'-0"			
208	BATH ROOM A	CERAMIC TILE	CERAMIC TILE / 4-'0"			
209	DORM B	CARPET	WOOD 1X4			
210	DORM A	CARPET	WOOD 1X4			
211	STORAGE	(E)	(E)			
212	JANITOR	(E)	(E)			
213	APPARATUS	(E)	1/2" PLYWD. 4'-0", PAINT	GYP. BD., PAINT		TYPICAL SOUTH WALL SEE PARTITION TYPE E
	STAIRS	CARPET				
218	TEMP. BOOKING	(E)	(E)			

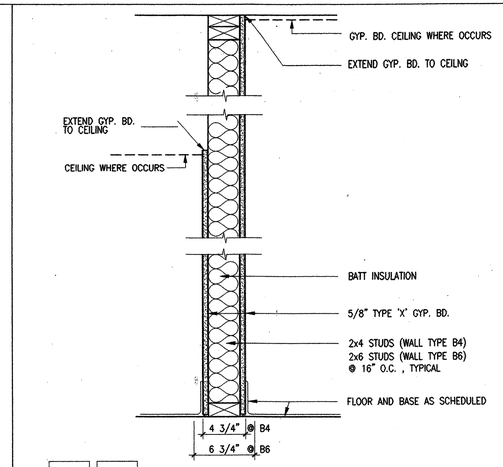
GENERAL FINISH NOTES:

1. UNLESS OTHERWISE NOTED, PAINT ALL PREVIOUSLY PAINTED (E) INTERIOR SURFACES TO REMAIN INCLUDING, BUT NOT LIMITED TO, (E) GYPBD WALLS & CEILINGS, (E) WOOD DOORS AND (E) WOOD FRAMES. COLOR TO MATCH THOSE SCHEDULED FOR NEW.
2. PAINT ALL NEW EXTERIOR SURFACES. COLOR TO MATCH EXISTING.
3. PATCH ALL EXISTING WALLS & CEILINGS AT AREAS OF DEMOLITION OR NEW WORK
4. BASE, DOOR & WINDOW TRIM TO MATCH (E) DIMENSIONS, PROFILES & FINISHES

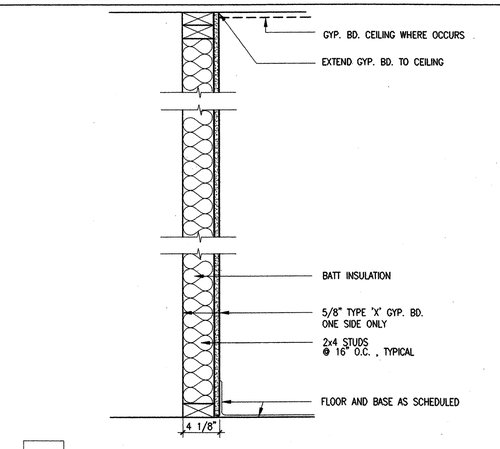
PARTITION TYPES :



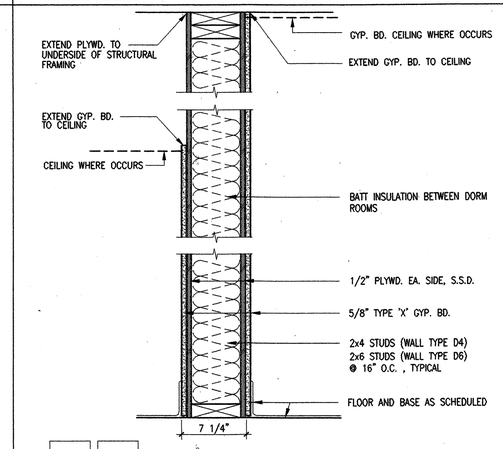
A4 A6 TYPICAL INTERIOR PARTITION



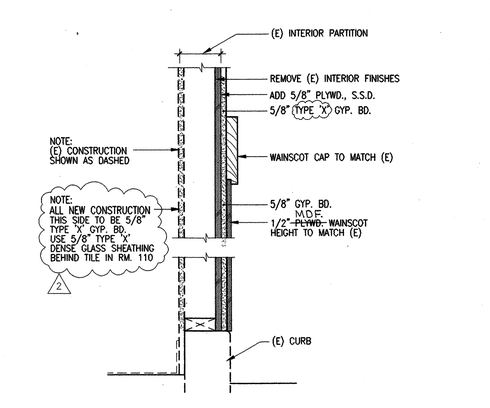
B4 B6 INTERIOR PARTITION - SOUND BATT. INSUL.



C INTERIOR PARTITION - MECH. DUCT CHASE

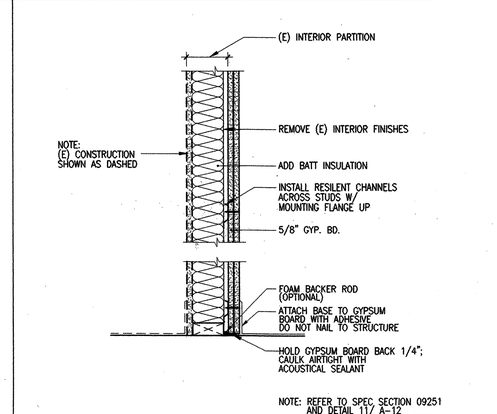


D4 D6 INTERIOR PARTITION - NEW BEARING WALL



E SHEAR WALL AT GRID LINE 4

UBC ASSEMBLY 17-1.4



F SOUND-RATED PARTITION AT EXISTING WALL

AS BUILT DRAWING FEB 17,1999

REVISIONS

2 PERMIT COMMENTS 6 NOV. '98

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PERMIT SUBMITTAL

FINISH SCHEDULE & PARTITION TYPES

DATE: 10 SEP. '98

JOB: 9801

DRAWN: TT

A-11

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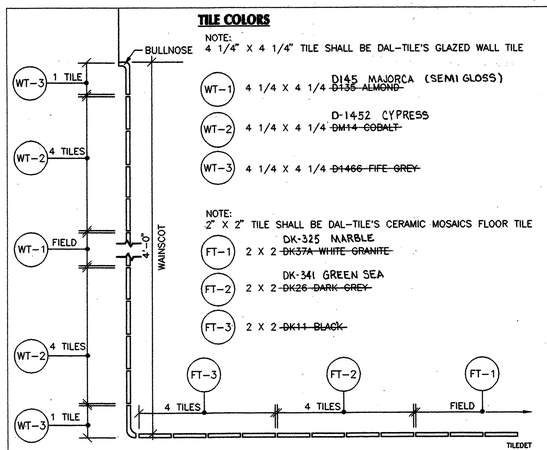
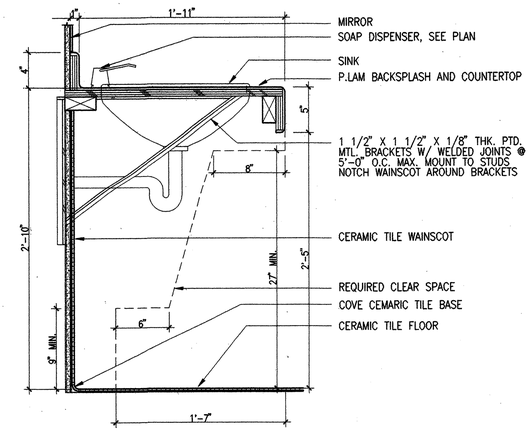
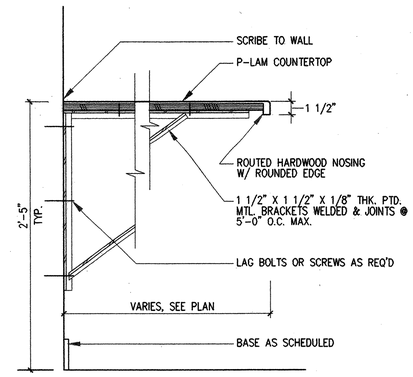


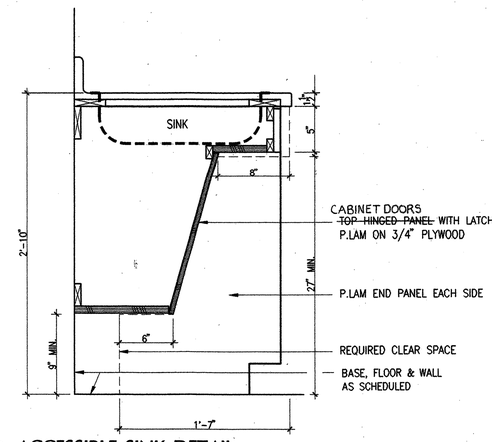
8 TILE PATTERN DETAIL
SCALE: 1-1/2" = 1'-0"



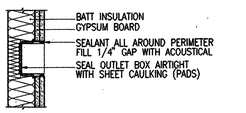
5 VANITY DETAIL
SCALE: 1-1/2" = 1'-0"



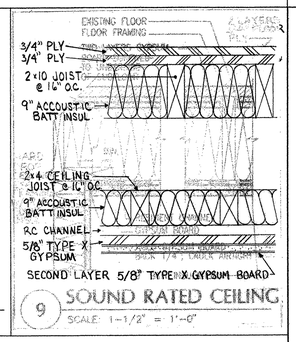
3 WORK COUNTER DETAIL
SCALE: 1-1/2" = 1'-0"



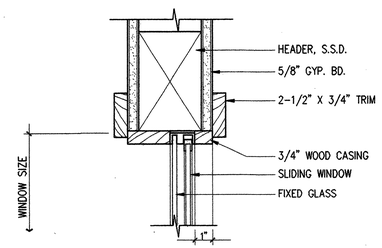
1 ACCESSIBLE SINK DETAIL
SCALE: 1-1/2" = 1'-0"



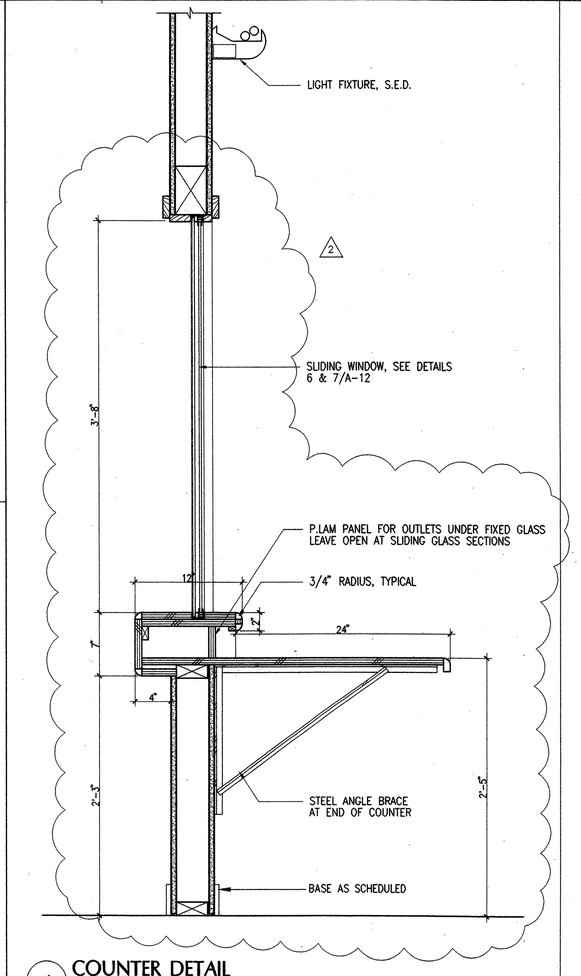
10 OUTLET TREATMENT
NOT TO SCALE



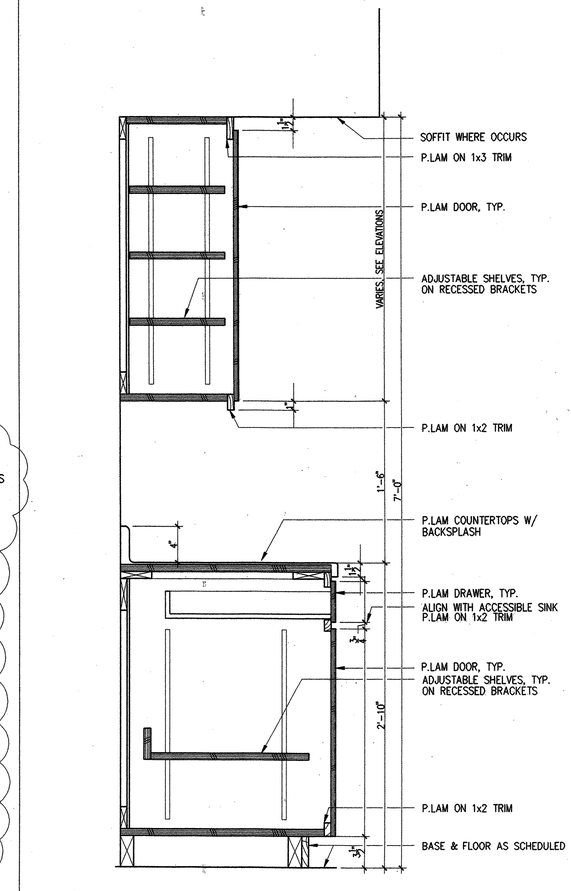
9 SOUND RATED CEILING
SCALE: 1-1/2" = 1'-0"



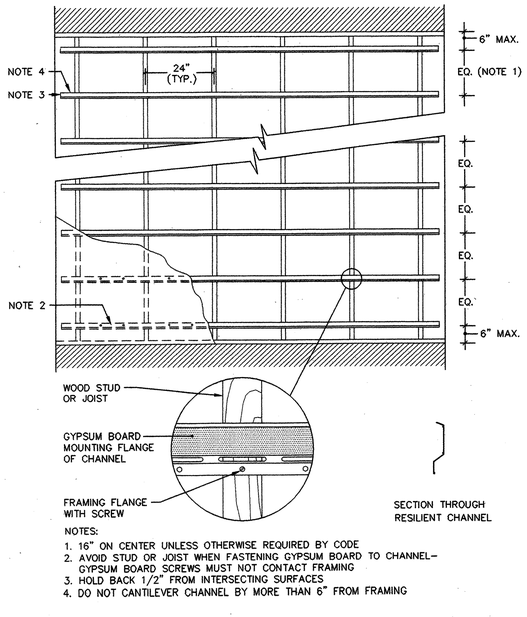
6 SLIDING WINDOW HEAD DETAIL
SCALE: 3" = 1'-0"



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

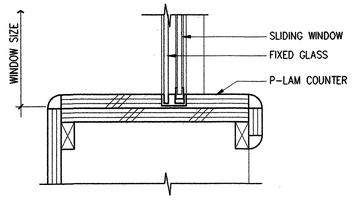


2 BASE & WALL CABINETS DETAIL
SCALE: 1-1/2" = 1'-0"



NOTES:
1. 16" ON CENTER UNLESS OTHERWISE REQUIRED BY CODE
2. AVOID STUD OR JOIST WHEN FASTENING GYPSUM BOARD TO CHANNEL-GYPSUM BOARD SCREWS MUST NOT CONTACT FRAMING
3. HOLD BACK 1/2" FROM INTERSECTING SURFACES
4. DO NOT CANTILEVER CHANNEL BY MORE THAN 6" FROM FRAMING

11 RESILIENT CHANNEL INSTALLATION DETAIL
NOT TO SCALE



7 SLIDING WINDOW SILL DETAIL
SCALE: 3" = 1'-0"

REVISIONS
2 PERMIT COMMENTS 6 NOV '98

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DETAILS

DATE: 10 SEP. '98
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DRAWN: TT

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AS BUILT DRAWING FEB 17,1999

N:\JOBS\9801\DD\A-11.DWG

STRUCTURAL ABBREVIATIONS

@	AT
#	NUMBER
AB	ANCHOR BOLTS
AC	ASPHALTIC CONCRETE
ADDNL	ADDITIONAL
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BN	BOUNDARY NAILING
BOC	BOTTOM OF CONCRETE
BOF	BOTTOM OF FOOTING
BOT	BOTTOM
BRG	BEARING
BRG PL	BEARING PLATE
BTW	BETWEEN
CC	CENTER TO CENTER
CIP	CAST IN PLACE
CJ	CONSTRUCTION JOINT
CTR	CENTER
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONSTR JT	CONSTRUCTION JOINT
CONT	CONTINUOUS
DBL	DOUBLE
DEPR	DEPRESSED
DF	DOUGLAS FIR
DIA, (ø)	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
(E)	EXISTING
EA	EACH
EF	EACH FACE
EN	EDGE NAILING
EW	EACH WAY
EJ	EXPANSION JOINT
EL	ELEVATION
EOS	EDGE OF SLAB
EQ	EQUAL
EXP B	EXPANSION BOLT
EXT	EXTERIOR
FF	FINISH FLOOR
FG	FINISH GRADE
FHWS	FLAT HEAD WOOD SCREW
FN	FIELD NAILING
FDN	FOUNDATION
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FRMG	FRAMING
FT (')	FOOT/FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GL	GLUE LAMINATED LUMBER
GWB	GYPSUM WALL BOARD
HAS	HEADED ANCHOR STUD
HDR	HEADER
HK	HOOK
HORIZ	HORIZONTAL
HSB	HIGH STRENGTH BOLT
ID	INSIDE DIAMETER
IN (")	INCH
INT	INTERIOR
JST	JOIST
JT	JOINT
JH	JOIST HANGER
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LS	LAG SCREW
LT WT	LIGHT WEIGHT
LG	LONG
LWC	LIGHT WEIGHT CONCRETE
MAX	MAXIMUM
MB	MACHINE BOLT
MCJ	MASONRY CONTROL JOINT
MECH	MECHANICAL
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MIW	MALLEABLE IRON WASHER
MTL	METAL
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPG	OPENING
OPH	OPPOSITE HAND
PCC	PRECAST CONCRETE
PERP	PERPENDICULAR
PL	PLATE
PLWD	PLYWOOD
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
R	RADIUS
REINF	REINFORCING
REQ'D	REQUIRED
SAD	SEE ARCHITECTURAL DRAWINGS
SIM	SIMILAR
SJ	SHRINKAGE JOINT
SLH	SHORT LEG HORIZONTAL
SLV	SHORT LEG VERTICAL
SM	SHEET METAL
SOG	SLAB ON GRADE
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
SYM	SYMMETRICAL
T 24	TITLE 24 CALIFORNIA CODE
T&G	TONGUE & GROOVE
THK	THICK
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
T.O.SLAB	TOP OF SLAB
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TUBE STEEL
TYP	TYPICAL
T&B	TOP AND BOTTOM
TN	TOE NAIL
UON	UNLESS OTHERWISE NOTED
WWF	WELDED WIRE FABRIC
W/	WITH

STRUCTURAL SYMBOLS

MATCH LINE
SHADED PORTION IS SIDE CONSIDERED

WORK POINT, CONTROL POINT
OR DATUM POINT

GRID LINES (A, 12)

BUILDING SECTION
SECTION LETTER
SHEET WHERE DRAWN W/DISCIPLINE PREFIX (1 / S0.00)

WALL SECTION
SECTION LETTER
SHEET WHERE DRAWN W/DISCIPLINE PREFIX (1 / S0.00)

DETAIL NUMBER
SHEET WHERE DRAWN W/DISCIPLINE PREFIX (1 / S0.00)

ELEVATION NUMBER
FRAMING ELEVATION
SHEET WHERE DRAWN (1 / S0.00)

STRUCTURAL MATERIALS

NATIVE SOIL (EARTH)

COMPACTED SOIL (FINISH GRADE)

ROCK FILL

SAND/MORTAR/PLASTER

CONCRETE (CAST-IN-PLACE OR PRECAST)

STEEL CROSS SECTION

CONCRETE BLOCK (CMU)

WOOD FRAMING THRU MEMBER

WOOD FRAMING INTERRUPTED MEMBER

PLYWOOD

REINFORCING

REINFORCEMENT DEVELOPMENT LENGTHS:
(LENGTH IN INCHES)

REINFORCED CONCRETE f'c = 2500 PSI AT 28 DAYS

REINF LOCATION	REINFORCEMENT SIZE GRD 60 U.N.O.								
	#3 GR40	#4	#5	#6	#7	#8	#9	#10	#11
ALL	16	25	30	36	42	50	64	80	98

REINFORCEMENT LAP SPLICES:
(LENGTH IN INCHES)

REINFORCED CONCRETE f'c = 2500 PSI AT 28 DAYS

REINF LOCATION	REINFORCEMENT SIZE GRD 60 U.N.O.								
	#3 GR40	#4	#5	#6	#7	#8	#9	#10	#11
ALL	21	32	40	48	55	66	83	105	129

REINFORCEMENT DEVELOPMENT LENGTHS:
(LENGTH IN INCHES)

REINFORCED CONCRETE f'c = 3000 PSI AT 28 DAYS

REINF LOCATION	REINFORCEMENT SIZE GRD 60 U.N.O.								
	#3 GR40	#4	#5	#6	#7	#8	#9	#10	#11
ALL	16	23	28	33	39	46	58	73	90

REINFORCEMENT LAP SPLICES:
(LENGTH IN INCHES)

REINFORCED CONCRETE f'c = 3000 PSI AT 28 DAYS

REINF LOCATION	REINFORCEMENT SIZE GRD 60 U.N.O.								
	#3 GR40	#4	#5	#6	#7	#8	#9	#10	#11
ALL	21	30	37	44	51	60	76	96	118

REINFORCEMENT DEVELOPMENT LENGTHS:
(LENGTH IN INCHES)

REINFORCED CONCRETE f'c = 4000 PSI AT 28 DAYS

REINF LOCATION	REINFORCEMENT SIZE GRD 60 U.N.O.								
	#3 GR40	#4	#5	#6	#7	#8	#9	#10	#11
ALL	16	20	24	29	34	40	50	64	78

REINFORCEMENT LAP SPLICES:
(LENGTH IN INCHES)

REINFORCED CONCRETE f'c = 4000 PSI AT 28 DAYS

REINF LOCATION	REINFORCEMENT SIZE GRD 60 U.N.O.								
	#3 GR40	#4	#5	#6	#7	#8	#9	#10	#11
ALL	21	26	32	38	44	53	66	83	102

REINFORCED MASONRY (CONCRETE BLOCK) f'm = 1500 PSI

REINF LOCATION	REINFORCEMENT SIZE GRD 60 U.N.O.								
	#3 GR40	#4	#5	#6	#7	#8	#9	#10	#11
ALL	16	25	31	37	43	49	55	61	68

REINFORCED MASONRY (CONCRETE BLOCK) f'm = 1500 PSI

REINF LOCATION	REINFORCEMENT SIZE GRD 60 U.N.O.								
	#3 GR40	#4	#5	#6	#7	#8	#9	#10	#11
ALL	19	25	31	37	43	*	*	*	*

* SPLICED BY WELDING OR MECHANICAL CONNECTORS.

GENERAL NOTES

GENERAL

1. NOTES AND DETAILS ON THIS SHEET AND OTHER TYPICAL DETAIL SHEETS SHALL APPLY UNLESS OTHERWISE SHOWN OR NOTED ON PLANS.
2. DETAILS OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME NATURE AS SHOWN FOR SIMILAR CONDITION.
3. CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS.
4. SAFETY NOTE:
   A) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS AND SHORING REQUIRED.
5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, BUILDING LOCATION, ETC., ON THE JOB.
6. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS. CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE BUILDING THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES.

FOUNDATION

1. FOUNDATION DESIGN IS BASED ON THE FOUNDATION INVESTIGATION REPORT BY WOODWARD & CLYDE DATED MAY 28,1969. CONTRACTOR SHALL OBTAIN A COPY OF THE SOILS REPORT AND FOLLOW RECOMMENDATIONS U.O.N.
2. ALLOWABLE SOIL BEARING PRESSURE USED FOR DESIGN IS 3000 PSF DL+LL, 2000 PSF FOR RETAINING WALL DESIGN. ALL FOOTINGS TO BE 2'-0" MIN. DEEP FROM ADJACENT GRADE.
3. FOOTINGS SHALL BEAR ON SUITABLE SOILS AS DETERMINED BY SOILS ENGINEER RETAINED BY OWNER.
4. EXCAVATIONS SHALL BE CLEAN OF ALL DEBRIS. STANDING WATER SHALL BE REMOVED.
5. ALL FOOTINGS SHALL BE FORMED. FOUNDATIONS MAY BE PLACED IN NEAT EXCAVATIONS PROVIDED WRITTEN PERMISSION IS OBTAINED FROM THE STRUCTURAL ENGINEER AND FOOTINGS ARE INCREASED TWO INCHES IN WIDTH.
6. NOTIFY THE STRUCTURAL ENGINEER AND THE OWNERS FIELD REPRESENTATIVE 48 HOURS IN ADVANCE OF PLACING CONCRETE FOR THE FOUNDATIONS.
7. THE SOILS ENGINEER SHALL BE RETAINED BY THE CONTRACTOR TO PROVIDE OBSERVATION AND TESTING SERVICES DURING SITE CLEARING AND FOUNDATION PREPARATION PHASES, AND SUBMIT HIS WRITTEN REPORT TO THE ENGINEER.

CONCRETE AND REINFORCING STEEL

1. THE MINIMUM 28 DAY STRENGTH AND TYPE OF CONCRETE SHALL BE AS FOLLOWS:
   C.I.P. CONCRETE PILES ..... (150 PCF) f'c = 3000 PSI
   FOOTINGS (CONTINUOUS) ..... (150 PCF) f'c = 3000 PSI
   FLOOR SLAB-ON-GRADE, POURED WALLS, AND SPREAD FOOTINGS ..... (150 PCF) f'c = 3000 PSI
2. DIMENSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF MAIN BARS AND DENOTE CLEAR COVERAGE.
3. CONCRETE COVERAGE SHALL BE AS FOLLOWS, U.O.N. ON DRAWINGS:
   CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) ..... 3"
   CONCRETE EXPOSED TO GROUND BUT PLACED IN FORMS ..... 2"
   SLABS (ON GROUND) ..... POSITION IN CENTER OF SLAB
   A) ALL BARS SHALL HAVE A MINIMUM SPLICE LAP PER TABLE "REINFORCEMENT LAP SPLICES" ON THIS SHEET UNLESS OTHERWISE NOTED.
   B) SPLICES IN ADJACENT BARS SHALL BE NOT LESS THAN 5'-0" APART.
   C) SPLICE CONT. BARS IN SPANDRELS, GRADE BEAMS, WALL BEAMS, ETC. AS FOLLOWS: TOP BARS @ MID-SPAN. BOT. BARS @ CENTERLINE SUPPORT (U.O.N.)
4. GENERAL:
   A) NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE SLABS OR WALLS UNLESS SPECIFICALLY DETAILED.
   B) SUBMIT MILL CERTIFICATION FOR REBAR.

STEEL

1. FABRICATION TO BE BY AN ICBO APPROVED FABRICATOR (LA CITY APPROVAL ACCEPTABLE).
2. FABRICATION AND ERECTION OF STEEL SHALL BE IN ACCORDANCE WITH L.R.F.D. SPECIFICATIONS (2ND EDITION).
3. STRUCTURAL STEEL SHALL BE A36, A53 GRADE B, OR A501.
4. HI-STRENGTH BOLTS (H.S.B.) SHALL BE PER ASTM-A325, SHALL BE BEARING TYPE CONNECTION WITH STD. ROUND HOLES U.O.N., & SHALL BE INSTALLED BY THE TORQUE WRENCH METHOD. SEE SPECS. FOR WASHERS.
5. ALL GROOVE WELDS TO BE COMPLETE PENETRATION.
6. WELD STUD BOLTS WITH 1/4" FILLET, ALL AROUND.
7. SUBMIT MILL CERTIFICATION FOR ALL STEEL.
8. SEE SHEET S1.3 FOR ADD'L. NOTES.

WASHERS

1. PROVIDE WASHERS UNDER HEADS AND NUTS OF ALL BOLTS AND LAGS BEARING AGAINST WOOD.
2. INSTALLATION OF BOLTS, LAGS, SCREWS, & WASHERS SHALL BE IN ACCORDANCE WITH UBC, SECTION 2311.
3. WASHERS SHALL BE SQUARE PLATE STEEL OR ROUND MALLEABLE IRON:
   A. 1/2"ø BOLT ..... 2"X2"X1/4" OR 2 1/2"øX1/4"
   B. 5/8"øBOLT ..... 2 1/2"X2 1/2"X1/4" OR 2 3/4"øX5/16"
   C. 3/4"øBOLT ..... 2 3/4"X2 3/4"X5/16" OR 3"øX3/8"
   D. 7/8"øBOLT ..... 3 1/4"X3 1/4"X3/8" OR 3 1/2"øX7/16"
   E. 1"øBOLT ..... 3 3/4"X3 3/4"X3/8" OR 4"øX1/2"
4. ALL EXPOSED WASHERS SHALL BE MALLEABLE IRON.

SPECIAL INSPECTION

1. SPECIAL INSPECTION IN CONFORMANCE WITH SECTION 1701 OF THE 1994 UBC IS REQD. AND SHALL BE PROVIDED FOR THE FOLLOWING WORK, UNDER SUPERVISION OF AN OUTSIDE SPECIAL INSPECTION TESTING AGENCY EMPLOYED BY THE CONTRACTOR.
   A. STRUCTURAL CONCRETE WITH AN f'c GREATER THAN 2500 PSI
   B. ALL STRUCTURAL STL WELDING, EXCEPT WHERE DONE IN SHOP OF APPROVED FABRICATOR (LA CITY APPROVAL ACCEPTABLE)
   C. REINFORCING STEEL (WHERE f'c IS GREATER THAN 2500 PSI)
   D. AS NOTED IN OTHER SECTIONS OF THE GENERAL NOTES
   E. USE OF STRUCTURAL EPOXIES
   F. USE OF A325 OR A325 S.C. BOLTS
   G. BOLTS EMBEDDED IN CONCRETE OR MASONRY
   H. TESTING, PREPARATION, AND PLACEMENT OF ALL CONCRETE MASONRY UNITS
   I. BOLT TIGHTENING (TORQUE WRENCH)

SPECIAL INSPECTION FORMS SHALL BE OBTAINED FROM THE CITY OF BERKELEY, COMPLETED WITH REQD. SIGNATURES, AND RESUBMITTED TO THE CITY PRIOR TO ISSUANCE OF FINAL PERMIT.

DESIGN CRITERIA

REFERENCE CODE
.1994 UNIFORM BUILDING CODE

LIVE LOADS
ROOF ..... 20.0 PSF (NON-REDUCIBLE)

LATERAL LOADS
WIND ..... P = CeCq qsI
WHERE: Ce = EXPOSURE C
Cq = SEE REFERENCE CODE
qs = (70 mph BASIC WIND SPEED)
I = 1.0 (STANDARD OCCUPANCY)

SEISMIC ..... V = ZICW/Rw
WHERE: Z = .40 (ZONE 4)
I = 1.0 (STANDARD OCCUPANCY)
C = 2.75
W = TOTAL SEISMIC DEAD LOAD
Rw = 8 (STEEL MOMENT FRAME)

SEISMIC (ELEMENTS OR COMPONENTS) ..... Fp = ZICpWp
WHERE: Z = .40 (ZONE 4)
I = 1.0 (STANDARD OCCUPANCY)
Cp = SEE REFERENCE CODE
Wp = WEIGHT OF ELEMENT OR COMPONENT

AS BUILT DRAWING FEB 17,1999

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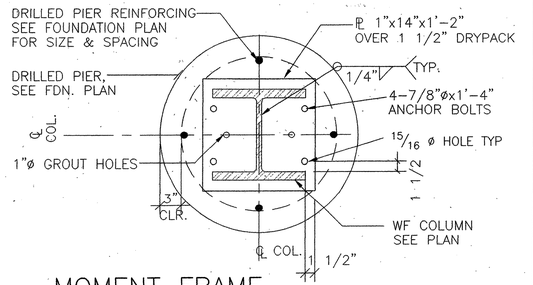
KENSINGTON, CALIFORNIA 94707

PERMIT PHASE

STRUCTURAL GENERAL NTS., SYMBOLS & ABBREVIATNS.

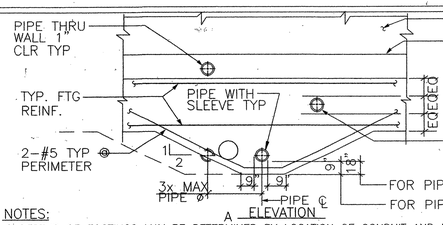
DATE: 10 SEPTEMBER '98
JOB: 9801
DRAWN: KB

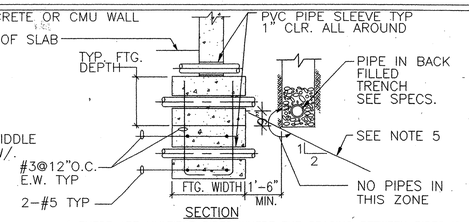
S-00



16 — MOMENT FRAME COLUMN BASE PLATE DETAIL

SCALE: N.T.S.



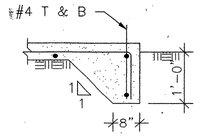


NOTES:

1. DEPTHS OF FOOTINGS MAY BE DETERMINED BY LOCATION OF CONDUIT AND METAL PIPING.
2. WHERE METAL PIPES CROSS UNDER FOOTINGS WITHIN 3 FT (ELECT. CONDUIT 2FT) OF THE BOTTOM, FDNS. SHALL BE EXTENDED DOWNWARDS AND CONCRETE PLACED ACCORDING TO ELEVATION A ABOVE. SEE NOTES 3 & 5 FOR ANY EXCEPTIONS.
3. WHERE METAL PIPES CROSS UNDER FOOTINGS WITHIN 3 FT (ELECT. CONDUIT 2FT) OF THE BOTTOM, FOUNDATIONS SHALL BE STEPPED AND DETAIL 9/- FOLLOWED IF ANY OF THE FOLLOWING CONDITIONS (UNLESS OTHERWISE AUTHORIZED BY ENGINEER OF RECORD):
   a) THERE ARE MULTIPLE PIPES WHERE THE SPACING BETWEEN PIPES IS LESS THAN 3 TIMES THE DIAMETER OF THE LARGER PIPE SIZE.
   b) THERE ARE PIPES 12"ø OR LARGER.
4. PIPES OR CONDUIT RUNNING PARALLEL TO FOOTINGS SHALL NOT PASS BELOW OR WITHIN THE 1:2 INFLUENCE OF ANY CONTINUOUS OR ISOLATED FOOTINGS. FDNS SHALL BE STEPPED AND LOWERED AND DET. 9/- FOLLOWED WHERE SUCH A CONDITION EXISTS.
5. WHERE GROUPS METAL PIPES OR ELECT CONDUIT WITH A COMBINED WIDTH GREATER THAN 5 FT CROSS UNDER FOOTINGS LESS THAN 5 FT BELOW THE BOTTOM, THE FOOTINGS SHALL BE STEPPED AND DETAIL 9/- FOLLOWED.
6. METAL PIPES OR CONFUIT SHALL NOT PASS VERTICALLY THROUGH FOOTINGS UNLESS SPECIFICALLY DETAILED OR APPROVED BY THE ENGINEER OF RECORD.

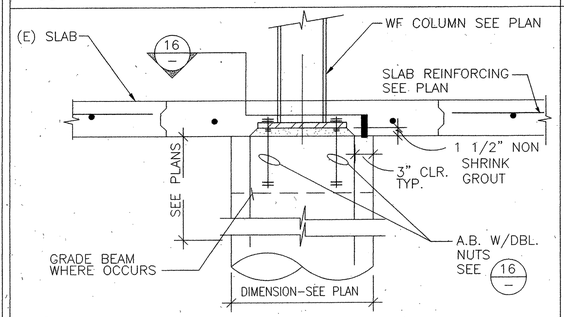
12 — PIPE @ FOOTING DETAIL

SCALE: N.T.S.



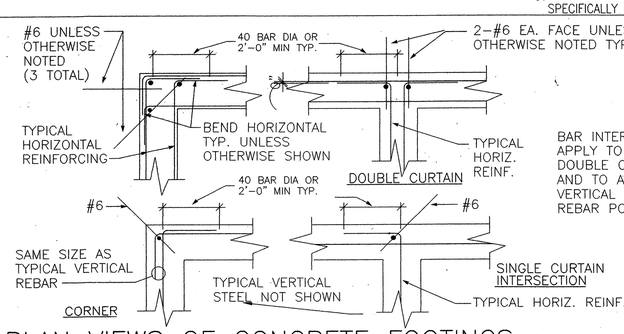
4 — EDGE OF EXTERIOR SLAB

SCALE: N.T.S.



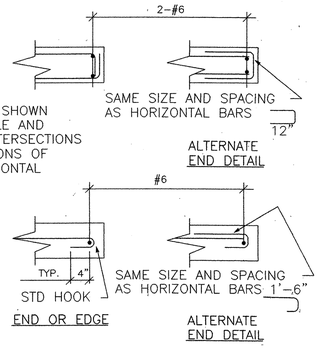
15 — SECTION @ WF COLUMN

SCALE: N.T.S.

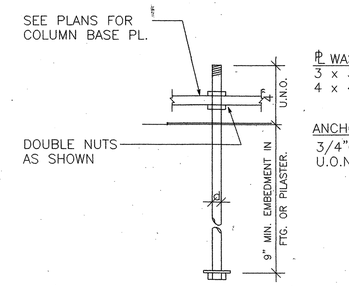


11 — PLAN VIEWS OF CONCRETE FOOTINGS

SCALE: N.T.S.

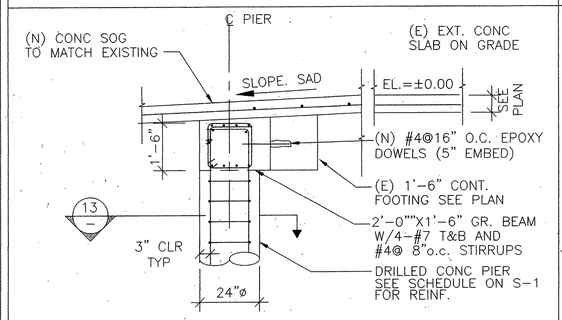


BAR INTERSECTIONS SHOWN APPLY TO ALL SINGLE AND DOUBLE CURTAIN INTERSECTIONS AND TO ALL VARIATIONS OF VERTICAL AND HORIZONTAL REBAR POSITIONS.



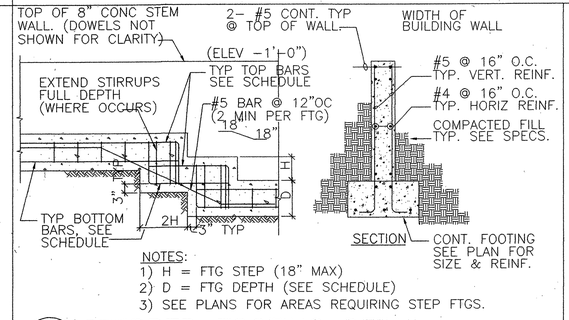
3 — ANCHOR BOLTS IN CONCRETE

SCALE: N.T.S.



14 — SECTION @ 24"ø PIER

SCALE: N.T.S.

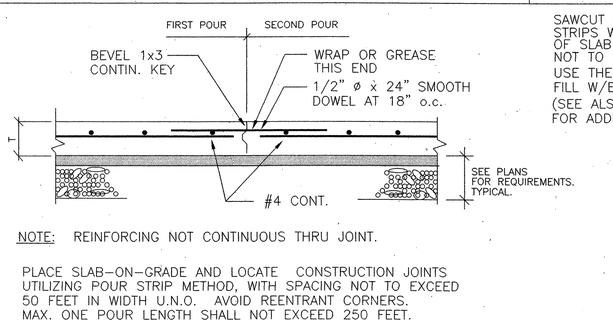


NOTES:

1) H = FTG STEP (18" MAX)
2) D = FTG DEPTH (SEE SCHEDULE)
3) SEE PLANS FOR AREAS REQUIRING STEP FTGS.

10 — STEPPED FOOTING DETAIL

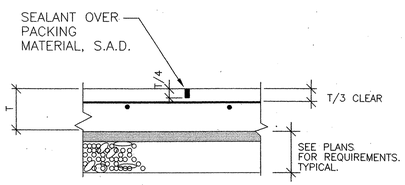
SCALE: N.T.S.



NOTE: REINFORCING NOT CONTINUOUS THRU JOINT.

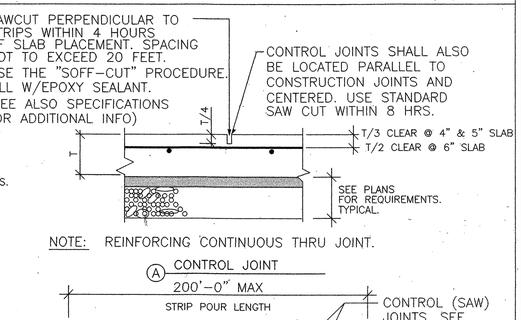
PLACE SLAB-ON-GRADE AND LOCATE CONSTRUCTION JOINTS UTILIZING POUR STRIP METHOD, WITH SPACING NOT TO EXCEED 50 FEET IN WIDTH U.N.O. AVOID REENTRANT CORNERS. MAX. ONE POUR LENGTH SHALL NOT EXCEED 250 FEET.

Ⓑ CONSTRUCTION JOINT (C.J.)

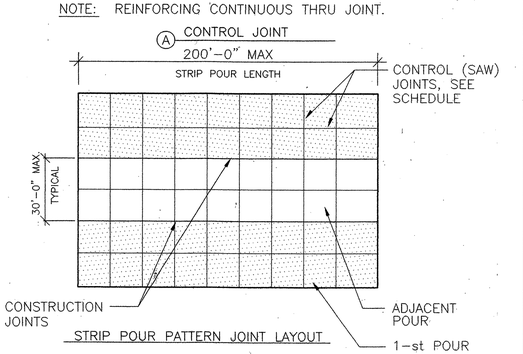


NOTE: REINFORCING CONTINUOUS THRU JOINT.

Ⓒ EXPANSION JOINT @ EXTERIOR SLABS ONLY



NOTE: REINFORCING CONTINUOUS THRU JOINT.



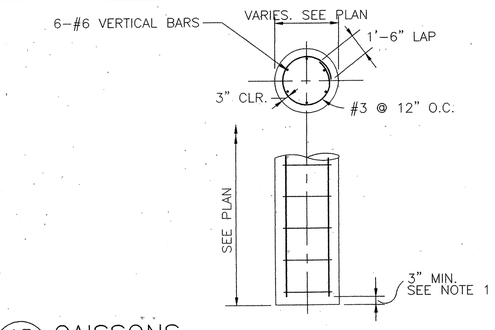
CONTROL JOINT SPACING

SLAB THICKNESS	MAXIMUM SPACING
4"	15'-0"
5"	18'-6"
6"	20'-0"

AS BUILT DRAWING FEB 17,1999

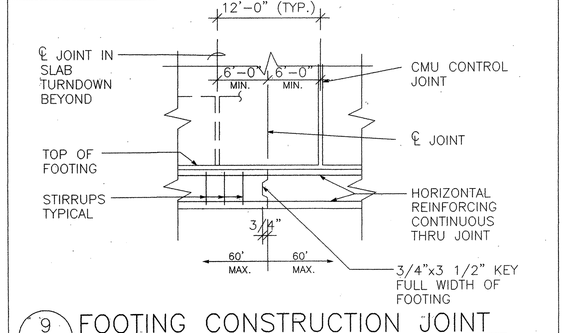
5 — TYPICAL SLAB JOINTS

SCALE: N.T.S.



13 — CAISSONS

SCALE: N.T.S.



9 — FOOTING CONSTRUCTION JOINT

SCALE: N.T.S.

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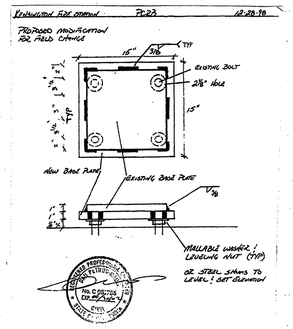
PERMIT PHASE

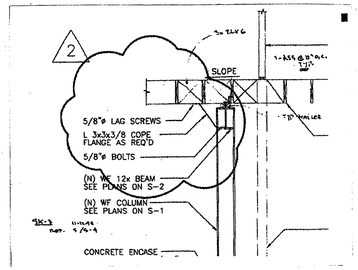
TYPICAL FOUNDATION DETAILS

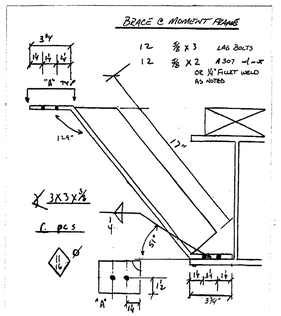
DATE: 10 SEPTEMBER'98
JOB: 9801
DRAWN: KB

S-01

K:\KENSINGTON\DWGS\KFS-S01.DWG







FOOTNOTES:

1. COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.
2. COMMOM OR DEFORMED SHANK.
3. COMMON.
4. DEFORMED SHANK.
5. NAILS SPACED AT 6 INCHES ON CENTER AT EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF PLYWD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2513 (c). NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.
6. CORROSION-RESISTANT SIDING OR CASING NAILS CONFORMING TO THE REQUIREMENTS OF SECTION 2516 (j) 1.
7. FASTENERS SPACED 3 INCHES ON CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS.
8. CORROSION-RESISTANT ROOFING NAILS WITH 7/16-INCH-DIAMETER HEAD AND 1 1/2-INCH LENGTH FOR 25/32-INCH SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2516 (j) 1.
9. CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16-INCH CROWN AND 1 1/8-INCH LENGTH FOR 1/2-INCH SHEATHING AND 1 1/2-INCH LENGTH FOR 25/32-INCH SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2516 (j) 1.
10. WHEN POSSIBLE, NAILS DRIVEN PERPENDICULAR TO THE GRAIN SHALL BE USED INSTEAD OF TOENAILS.

CARPENTRY NOTES:

1. ALL WOOD SILLS TO BE 2x PRESSURE-TREATED DOUGLAS FIR OR 3x REDWOOD, BOLTED WITH 5/8"ø X12" BOLTS PLACED NOT MORE THAN 9" FROM ENDS OF SILL PIECES AND NOT OVER 4'-0" BETWEEN BOLTS. 1/3 WIDTH NOTCHES IN SILLS ARE CONSIDERED ENDS.
2. EXCEPT WHERE OTHERWISE NOTED, ALL STUDS SHALL BE 2x6 @ 16" O.C.
3. PROVIDE CONTINUOUS 2x STUD WIDTH BLOCKING BETWEEN STUDS AT MID-HT OF STUDS OR SO SPACED THAT UNBRACED LENGTH OF STUDS DOES NOT EXCEED 10'-0".
4. WHERE STUDS ABUT STEEL, CONCRETE OR MASONRY, FASTEN STUD TO SAME WITH 5/8"ø BOLTS @ 4'-0" O.C.. USE 8" LONG BOLTS IN CONCRETE OR MASONRY. IF HEADS OF BOLTS WILL BE EXPOSED, USE WELDED STUDS IN PLACE OF BOLTS FOR WOOD TO STEEL CONNECTIONS.
5. LAP WALL PLATES AT CORNERS AND INTERSECTIONS.
6. PROVIDE 2x SOLID BLOCKING BETWEEN JOISTS OR RAFTERS OVER SUPPORTS.
7. FOR JOISTS OR RAFTERS 8 1/4" DEEP OR DEEPER, PROVIDE 2x3 CROSS-BRIDGING AT NOT OVER 10'-0" O.C. AND AT NOT MORE THAN 10'-0" FROM SUPPORTS. (ALTERNATE METAL X-BRIDGING PER SIMPSON STRONG TIE)
8. WINDOW & DOOR FRAMES SHALL BE FIRMLY SECURED IN PLACE BY BLOCKING BETWEEN JAMBS & ROUGH OPENINGS AT TOP AND BOTTOM & AT A MAXIMUM INTERVAL OF 24" BETWEEN BLOCKING BEING NAILED TO ROUGH FRAME WITH 2-16d FINISH NAILS SET 1/8".
9. BOLT HOLES IN WOOD OR STEEL SHALL BE 1/32" LARGER THAN BOLT SIZE EXCEPT THAT IN SINGLE BOLT CONNECTIONS, THE BOLT HOLE MAY BE 1/16" LARGER THAN THE BOLT SIZE.
10. ALL NUTS SHALL BE TIGHTENED WHEN PLACED AND RETIGHTENED AT COMPLETION OF JOB OR WHEN FINISH IS APPLIED.
11. BOLT WOOD NAILERS TO STEEL BEAMS OR COLUMNS WITH 1 1/2"ø STUD BOLTS @ 2'-6" O.C. (STAGGERED IF NECESSARY)
12. BEAMS, JOISTS, AND RAFTERS, (4x AND SMALLER) SHALL BE DOUGLAS FIR (LARCH) No. 1 WITH 19% MAXIMUM MOISTURE CONTENT AT TIME OF FABRICATION U.O.N.
13. NON-STRUCTURAL LIGHT FRAMING (4x AND SMALLER) SHALL BE DOUGLAS FIR (LARCH) No. 2 WITH 19% MAXIMUM MOISTURE CONTENT (SURFACE DRY) AT TIME OF FABRICATION U.O.N.
14. STUDS SHALL BE DOUGLAS FIR (LARCH) No. 1 WITH 19% MAXIMUM MOISTURE CONTENT (SURFACE DRY) AT TIME OF FABRICATION U.O.N.
15. BEAMS AND POSTS (LARGER THAN 4x) SHALL BE DOUGLAS FIR (LARCH) SELECT STRUCTURAL WITH 19% MAXIMUM MOISTURE CONTENT AT TIME OF INSTALLATION U.O.N.
16. GLULAM BEAMS SHALL BE DOUGLAS FIR DF/DF, 24F-V5. CAMBER SHALL BE STANDARD CAMBER FROM MILL UNLESS OTHERWISE NOTED ON PLANS. MAXIMUM MOISTURE CONTENT SHALL NOT EXCEED 19% AT TIME OF FABRICATION U.O.N.

SHEAR WALL NAILING SCHEDULE

DESIGNATION	PLYWOOD	NAILING (O.C.) BOUNDRY & EDGE	NAILING (O.C.) FIELD	5/8"ø ANCHOR BOLT SPACING
(A)	1/2" EA. SIDE	10d @ 4"	10d @ 12"	2'-0" o.c.

ALL PLYWOOD SHALL BE CDX STRUCTURAL II
CONTRACTOR TO INSTALL (N) PLYWOOD AROUND (E) PLYWOOD WHERE OCCURS

DIAPHRAGM NAILING SCHEDULE

DESIGNATION	PLYWOOD	NAILING (O.C.) BOUNDARY & EDGE	NAILING (O.C.) FIELD
FLOOR DIAPHRAGM*	TO MATCH EXISTING 5/8"	8d @ 4"	8d @ 12"
ROOF DIAPHRAGM	5/8"	8d @ 6"	8d @ 12"

* ALL PLYWOOD @ SECOND FLOOR SHALL BE T&G TYP.
ALL PLYWOOD SHALL BE CDX STRUCTURAL II

NAILING SCHEDULE

CONNECTION	NAILING [1]
1. JOIST OR RAFTERS TO SIDES OF STUDS 8-INCH JOIST OR LESS FOR EACH ADDITIONAL 4 INCHES IN DEPTH OF JOIST	3-16d 1-16d
2. BRIDGING TO JOIST, TOENAIL EACH END A. BLOCKING BETWEEN JOISTS OR RAFTERS-TO JOIST OR RAFTERS-TOENAILS EACH SIDE, EACH END B. BLOCKING BETWEEN STUDS, EACH END	2-8d 2-10d [10] 2-10d TOENAILS OR 2-16d
3. 1"x6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8d
4. WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST, FACE NAIL	3-8d
5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16d
6. SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	16d @ 16" O.C.
7. TOP PLATE TO STUD, END NAIL	2-16d
8. STUD TO SOLE PLATE	4-8d, TOENAIL OR 2-16d, END NAIL
9. DOUBLE STUDS, FACE NAIL	16d @ 24" O.C.
10. DOUBLED TOP PLATES, FACE NAIL	SEE 3/- & 4/-
11. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	SEE 3/- & 4/-
12. CONTINUOUS HEADER, TWO PIECES	16d @ 16" O.C. ALONG EACH EDGE
13. CEILING JOISTS TO PLATE, TOENAIL	3-8d
14. CONTINUOUS HEADER TO STUD, TOENAIL	4-8d
15. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
16. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-16d
17. JOIST OR RAFTERS AT ALL BEARINGS-TOENAILS, EACH SIDE	2-10d
18. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
19. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	2-8d
20. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d
21. BUILT-UP CORNER STUDS	16d @ 24" O.C.
22. BUILT-UP GIRDER AND BEAMS	20d @ 32" O.C. AT TOP AND BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE
23. 2" PLANKS	2-16d AT EACH BEARING
24. PLYWOOD AND PARTICLEBOARD: [5] SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING): 1/2" AND LESS 19/32"-3/4" 7/8"-1" 1 1/8"-1 1/4" COMBINATION SUBFLOOR-UNDERLAYMENT (TO FRAMING): 3/4" AND LESS 7/8"-1" 1 1/8"-1 1/4"	 6d [2] 8d OR 6d [4] 8d [2] 10d OR 8d [4] 6d [4] 8d [4] 10d OR 8d [4]
25. PANEL SIDING (TO FRAMING): 1/2" OR LESS 5/8"	 6d [6] 8d [6]
26. FIBERBOARD SHEATHING: [7] 1/2" OR LESS 25/32"	 No. 11 ga. [8] 6d [3] No. 16 ga. [9] No. 11 ga. [8] 8d [3] No. 16 ga. [9]

AS BUILT DRAWING
FEB 17, 1999

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PERMIT PHASE

TYPICAL WOOD NOTES & SCHEDULES

DATE: 10 SEPTEMBER'98
JOB: 9801
DRAWN: KB

S-02

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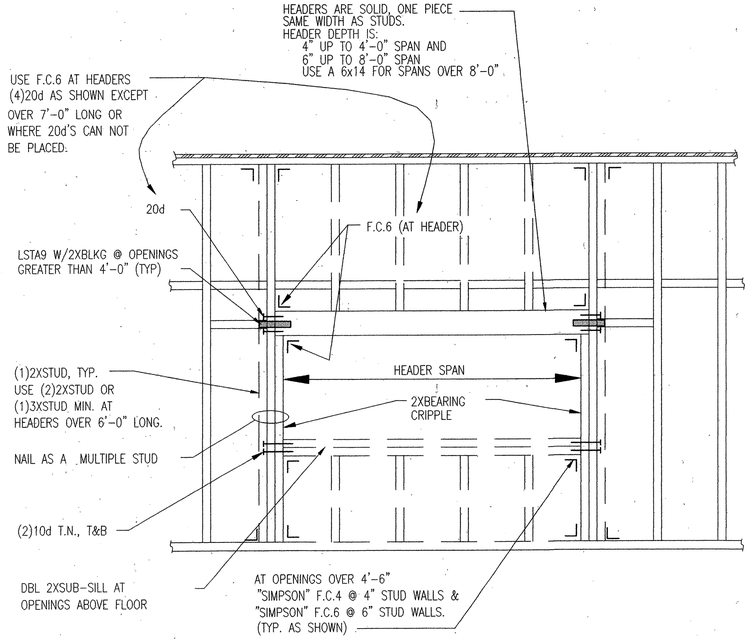
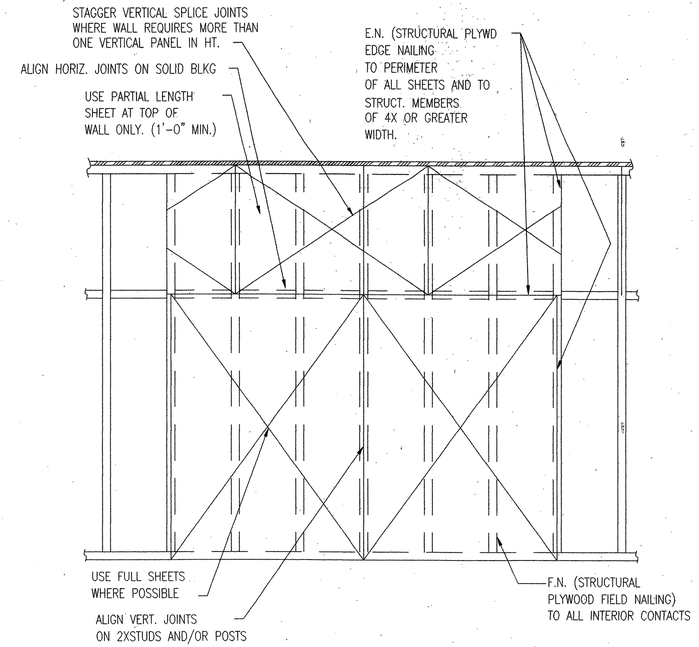
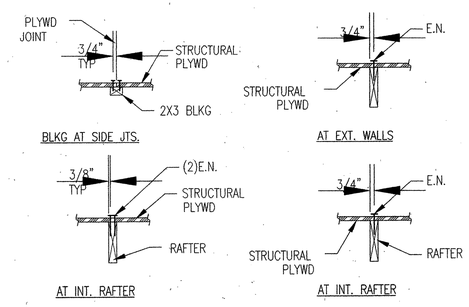


15 — FRAMED WALL OPENINGS
SCALE: NOT TO SCALE

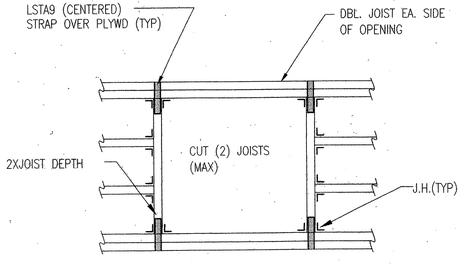


7 — STRUCTURAL PLYWOOD SHEATHING OVER WALLS
SCALE: NOT TO SCALE

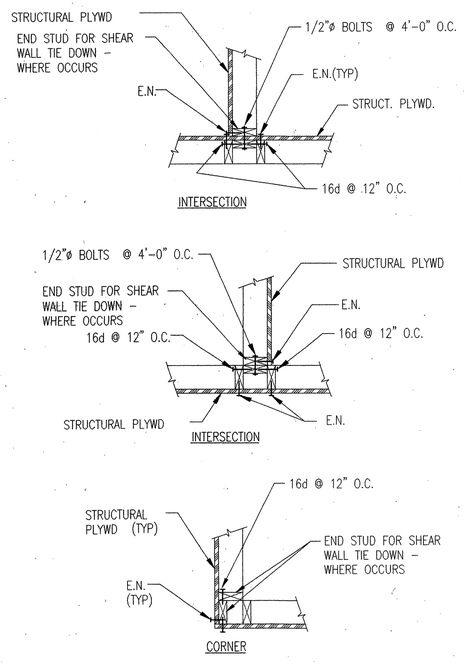
NOTE: SEE FOUNDATION PLAN FOR SHEAR WALL NAILING AND PANEL THICKNESS.



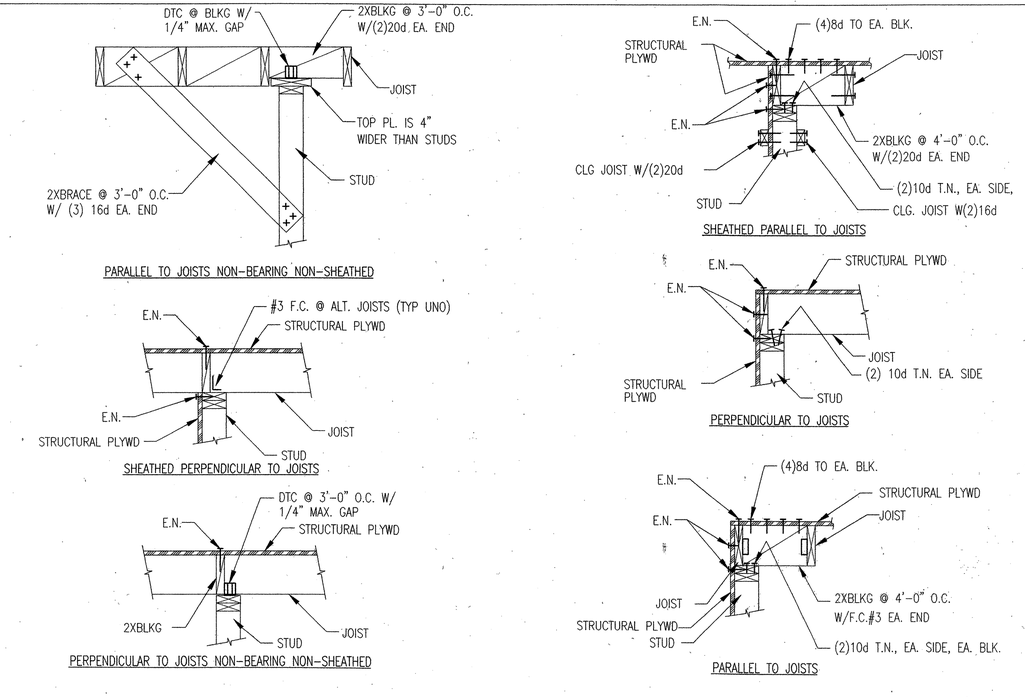
14 — PLYWOOD ROOF NAILING
SCALE: NOT TO SCALE



13 — FRAMED JOIST OPENING
SCALE: NOT TO SCALE



9 — SHEATHED STUD WALL FRAMING DETAILS
SCALE: NOT TO SCALE



5 — STUD WALL FRAMING TO JOISTS
SCALE: NOT TO SCALE

AS BUILT DRAWING
FEB 17,1999

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KENSINGTON, CALIFORNIA 94707

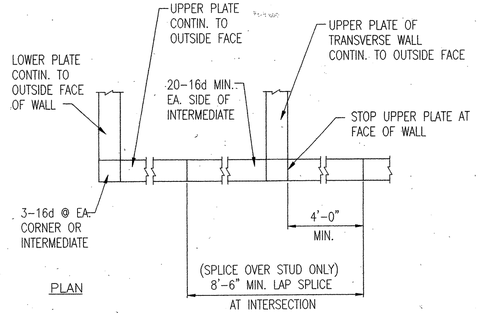
PERMIT PHASE

TYPICAL WOOD DETAILS

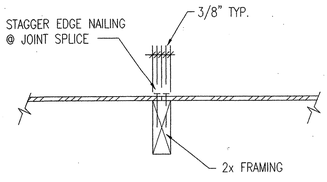
DATE: 10 SEPTEMBER '98
JOB: 9801
DRAWN: KB

S-03

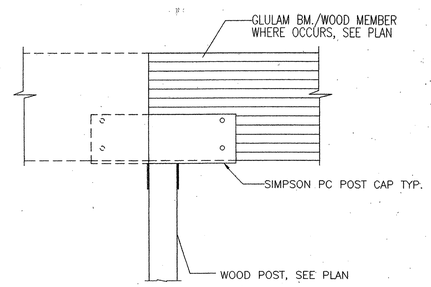
K:\KENSINGTON\DWGS\KFS-S03.DWG



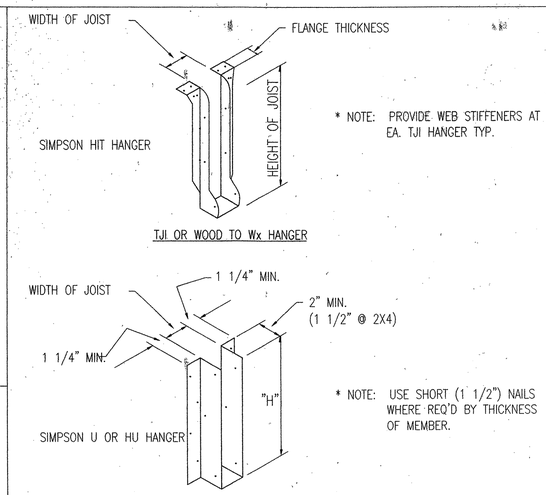
16 — PLATE LAP
SCALE: NOT TO SCALE (AT CORNERS & INTERSECTIONS)



12 — SHEARWALL JOINT SPLICE
SCALE: NOT TO SCALE

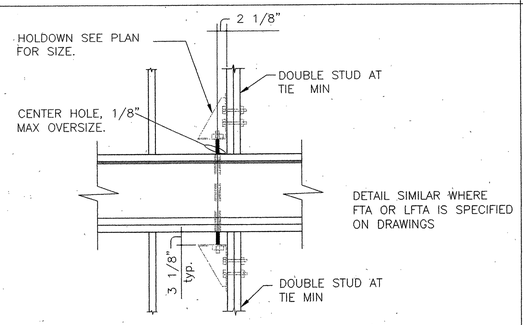


8 — GLULAM BM. OR TIMBER MEMBER TO POST
SCALE: NOT TO SCALE

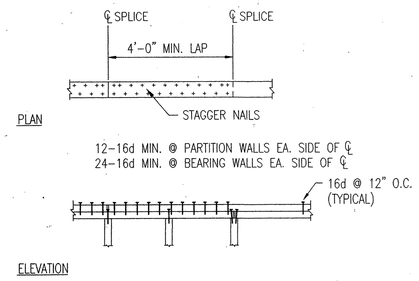


JOIST SIZE	H MIN.	* NAILS TO HEADER,	* NAILS TO JOIST	METAL GAGE(GALV.)
2x4	3 1/8"	(4)10d	(4)10d	16
2x6,8	5"	(6)10d	(6)10d	16
2x10,12,14	8 1/8"	(10)10d	(8)10d	16
3x8	7 1/8"	(10)16d	(4)10d	12
3x10	8 7/8"	(14)16d	(6)10d	12
3x12	10 5/8"	(16)16d	(6)10d	12

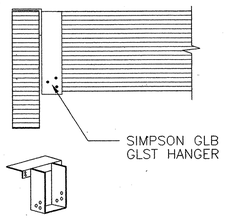
3 — JOIST HANGAR DETAILS
SCALE: NOT TO SCALE



15 — SHEAR WALL TIE THRU FLOOR
SCALE: NOT TO SCALE

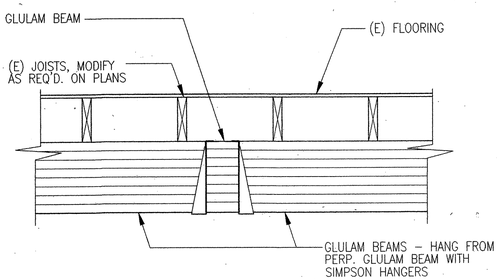


11 — NAILED PLATE SPLICE
SCALE: NOT TO SCALE

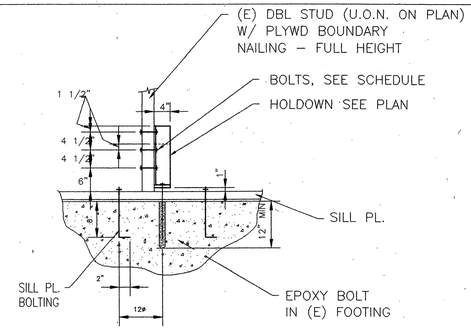


7 — GLB TO GLB CONNECTION
SCALE: NOT TO SCALE

14 — DETAIL
SCALE: NOT TO SCALE



10 — GLB TO GLB CONNECTION
SCALE: NOT TO SCALE



SCHEDULE

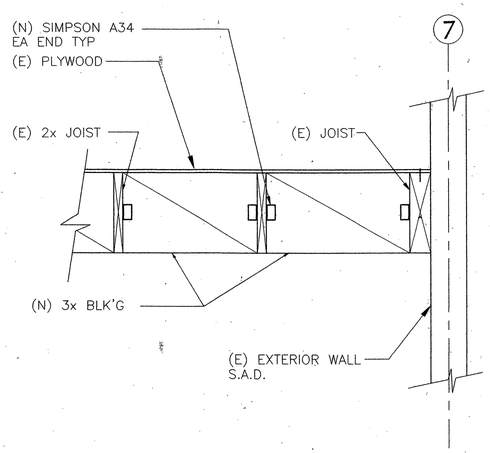
"SIMPSON" MODEL No.	POST BOLTS	ANCHOR BOLT
HD-6A	5/8"ø	3/4"ø
HD-10A	7/8"ø	7/8"ø

* INSTALL SIMPSON H.D.'S PER MFGR'S INSTRUCTIONS W/HEADED ANCHOR BOLTS AS NOTED ABOVE

NOTE: HD'S DO NOT SUBSTITUTE FOR SILL PL. BOLTING

NOTE: ALL BOLTS SHALL BE COUNTERSUNK. TYP.

5 — HOLDOWN DETAIL
SCALE: NOT TO SCALE



1 — COLLECTOR TO WALL CONN.
SCALE: NOT TO SCALE

AS BUILT DRAWING FEB 17, 1999

13 — DETAIL
SCALE: NOT TO SCALE

9 — DETAIL
SCALE: NOT TO SCALE

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PERMIT PHASE

TYPICAL WOOD DETAILS

DATE: 10 SEPTEMBER '98
JOB: 9801
DRAWN: KB

S-04

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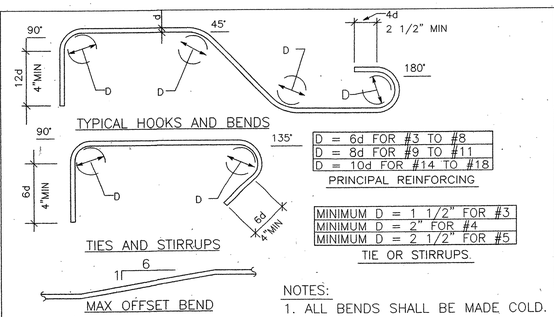
STRUCTURAL STEEL

1. ALL FABRICATION AND ERECTION SHALL CONFORM TO THE AISC SPECIFICATIONS AND AMERICAN IRON AND STEEL SPECIFICATION MANUAL FOR THE DESIGN OF LIGHT GAUGE STEEL STRUCTURAL MEMBERS, EXCEPT AS NOTED, SPECIFIED OR REQUIRED BY THE BUILDING CODE. WELDING SHALL CONFORM TO THE AWS D1.1–90 SPECIFICATIONS AND UBC STANDARD 27–6.
2. WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE AND WITHIN THE TOLERANCES SPECIFIED IN THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL, IN ADDITION TO 1994 UBC STANDARD.
3. IT IS SPECIFICALLY NOTED THAT BURNED HOLES ARE NOT ACCEPTABLE UNLESS SPECIAL PERMISSION IS GIVEN BY ENGINEER.
4. ALL SHOP FABRICATED WORK SHALL BE DONE IN A SHOP APPROVED BY THE GOVERNING AGENCY. FABRICATOR SHALL SUBMIT PROGRAM OF WELDING INSPECTION TO ENGINEER FOR APPROVAL. ALL FIELD AND SHOP WELDING SHALL BE INSPECTED BY A SPECIAL INSPECTOR PAID BY THE OWNER.
5. ALL STRUCTURAL STEEL SHALL BE ASTM A36 OR BETTER, STRUCTURAL TUBING SHALL BE PER ASTM A500, GRADE B.
6. ALL HIGH STRENGTH BOLTS SHALL BE ASTM A325 TYPE SC WITH THREADS EXCLUDED FROM SHEAR PLANES.
   MAXIMUM HOLE DIAMETER SHALL BE :
   STD. HOLE = BOLT DIA + 1/16"
   SLOTTED HOLES SHALL BE NORMAL TO LOAD DIRECTION
7. ALL MACHINE BOLTS SHALL BE ASTM A307 WITH THREADS EXCLUDED FROM SHEAR PLANES.
8. ALL PLAIN ANCHORS SHALL BE A36; ALL ANCHOR BOLTS SHALL COMPLY WITH ASTM A307.
9. WELDING PROCESS SHALL BE LIMITED TO SHIELDED METAL ARC WELDING (SMAW) AND FLUX CORE ARC WELDING [FCAW] WITH GAS SHIELDING, EXCEPT THAT SUBMERGED ARC WELDING [SAW] MAY BE USED FOR SHOP WELDING.
10. WELDING ELECTRODES SHALL BE E70XX, U.N.O.
11. FCAW FILLER METAL WIRE SHOULD BE LIMITED TO 5/64" DIAMETER MAXIMUM. SMAW WELDING ELECTRODES SHALL BE LIMITED TO 5/32" DIAMETER MAXIMUM.
    STRINGER BEADS SHOULD NOT EXCEED 1/2" MAXIMUM.
    WEAVE BEADS SHOULD BE PROHIBITED.
12. PROVIDE CONTINUOUS INSPECTION FOR ALL FABRICATION AND WELDING OF STRUCTURAL STEEL IN ACCORDANCE WITH CODE REQUIREMENTS. ALL COMPLETE PENETRATION GROOVE WELDS IN JOINTS AND SPLICES SHALL BE TESTED 100 PERCENT IN ACCORDANCE WITH UBC SEC. 2722 (f). USE ONE OF THE APPROVED METHODS OF TIGHTENING HIGH STRENGTH BOLTS PER SEC. 27.703, UBC STANDARDS.
13. A WELDING SEQUENCE SHALL BE PLANNED TO MINIMIZE RESIDUAL STRESSES AND DISTORTIONS OF INDIVIDUAL MEMBERS AND THE BUILDING FRAME. ALL DETAILING, FABRICATION, AND ERECTION SHALL COMPLY WITH AISC, LATEST EDITION.
14. UNLESS OTHERWISE NOTED, ALL STIFFENER PLATES ARE 3/8" THICK MINIMUM AND ALL BUTT WELDS ARE FULL PENETRATION WELDS. ERECTION CLIPS, TEMPORARY BRACING, ETC., REQUIRED BY THE CONTRACTOR ARE NOT SHOWN.
15. MOMENT FRAME BEAM FLANGE TO COLUMN WELDS SHALL BE MADE BEFORE BOLTS ARE TENSIONED.
16. COMPLETE PENETRATION (C.P.) WELDS
    A. RUN–OFF TABS PER AWS D1.1 ARE REQUIRED FOR THE COMPLETE PENETRATION (C.P.) FLANGE GROOVE WELDS. ALL WELDS ARE TO BE STARTED AND COMPLETED ON THE RUN–OFF TABS AS MUCH AS PRACTIBLE.
    B. THE MINIMUM PREHEAT AND INTERPASS TEMPERATURE SHALL COMPLY WITH THE REQUIREMENTS OF AWS D1.1 SECTION 4
       SEE ALSO THE AWS D1.1,APPENDIX XI "GUIDELINES ON ALTERNATIVE METHODS ON DETERMINING PREHEAT".
    C. RUN–OFF TABS AND BACKER BARS SHOULD BE REMOVED AFTER COMPLETION OF THE WELD. THE WELD SHOULD BE GROUND SMOOTH AND WELD ROOT INSPECTED AND TESTED FOR IMPERFECTIONS IN ACCORDANCE WITH AWS D1.1, SECTION 9.25. IMPERFECTIONS EXCEEDING THE ACCEPTANCE CRITERIA OF SECTION 9.25 SHOULD BE BE REMOVED BY BACK GOUGING OR GRINDING TO SOUND MATERIAL. THE BACK GOUGED (GROUND OUT) AREA IS TO BE REWELDED.
17. "WELD DAMS"ARE NOT ALLOWED.
18. SUBMIT TWO COPIES OF MANUFACTURER'S SPECIFICATIONS,LOAD TABLES, DIMENSION DIAGRAMS, ANCHOR DETAILS AND INSTALLATION INSTRUCTIONS FOR PRODUCT TO BE USED IN THE FABRICATION OF STRUCTURAL STEEL WORK, INCLUDING PAINT PRODUCTS.
19. SUBMIT SHOP DRAWINGS FOR THE FABRICATION AND ERECTION OF ALL ASSEMBLIES OF STRUCTURAL STEEL WORK. INCLUDE PLANS AND ELEVATIONS AT NOT LESS THAN 1" TO 1'–0" SCALE, AND INCLUDE DETAILS OF SECTIONS AT NOT LESS THAN 3" TO 1'–0" SCALE. SHOW ANCHORAGE AND ACCESSORY ITEMS. FOR CONNECTIONS NOT COMPLETELY SHOWN ON STRUCTURAL DRAWINGS SUBMIT COMPUTATIONS BASED ON 100% LOAD CAPACITY OF CONNECTING MEMBERS.
20. NO WORK OR FABRICATION SHALL BE COMMENCED OR MATERIAL DELIVERED TO THE JOB UNTIL THE ENGINEER HAS REVIEWED THE SHOP DRAWINGS.
21. ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP COAT OF ZINC CHROMATE PRIMER OR EQUAL. AFTER ERECTION, FIELD CONNECTIONS SHALL BE TOUCHED UP. DO NOT PAINT PORTION OF STEEL TO BE EMBEDDED IN CONCRETE.

13 — STRUCTURAL STEEL NOTES
SCALE: N.T.S.



D = 6d FOR #3 TO #8
D = 8d FOR #9 TO #11
D = 10d FOR #14 TO #18

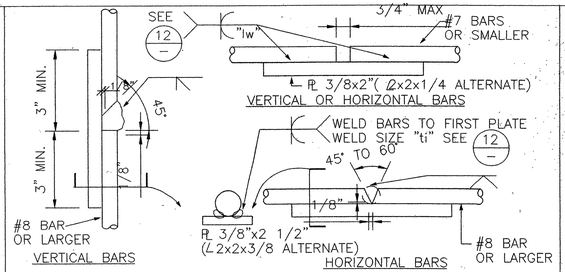
PRINCIPAL REINFORCING

MINIMUM D = 1 1/2" FOR #3
MINIMUM D = 2" FOR #4
MINIMUM D = 2 1/2" FOR #5

TIE OR STIRRUPS

NOTES:
1. ALL BENDS SHALL BE MADE COLD.

12 — REBAR HOOKS AND BENDS
SCALE: N.T.S.

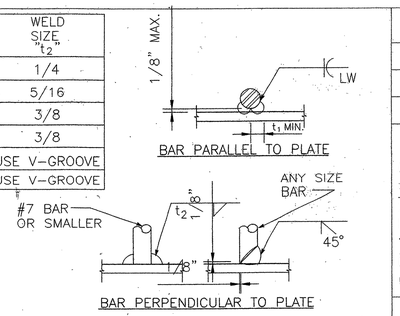


NOTES: 1. ALL BARS TO BE WELDED TO BE ASTM A706
2. ALL WELDING OR REINFORCING BARS TO COMPLY WITH AWS D1.4

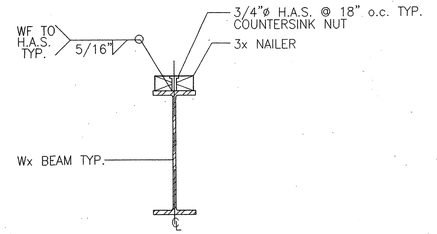
8 — WELDED SPLICE IN REBAR
SCALE: N.T.S.

BAR SIZE	WELD SIZE "t1"	LENGTH "LW"	WELD SIZE "t2"
#4	3/16	3 1/2"	1/4
#5	3/16	3 1/2"	5/16
#6	1/4	3 1/2"	3/8
#7	1/4	3 1/2"	3/8
#8	1/4	4 1/2"	USE V–GROOVE
#9	5/16	4 1/2"	USE V–GROOVE

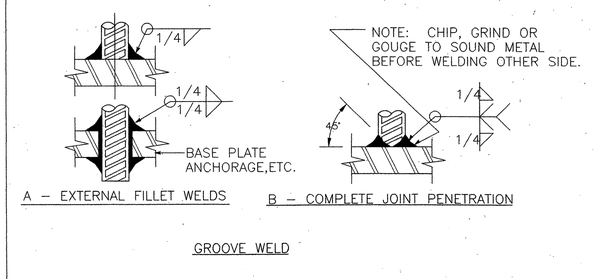
NOTE:
SEE DETAIL 16 — FOR REBAR WELDING NOTES

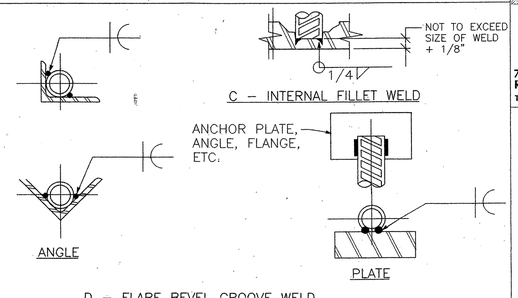


4 — REBAR WELDED TO PLATE
SCALE: N.T.S.

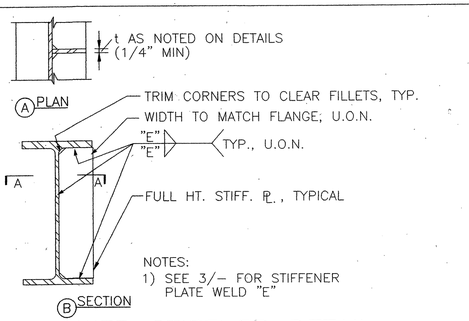


1,1 — WF BEAM TO NAILER CONN.
SCALE: N.T.S.





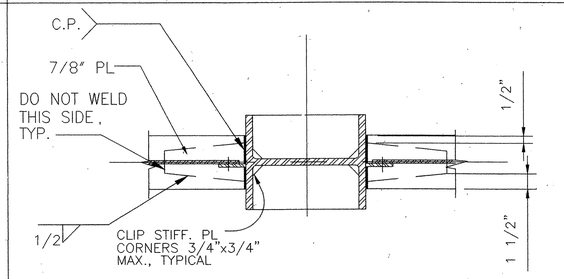
7 — REINFORCING BAR WELDS TO PLATES OR STEEL SHAPES
SCALE: N.T.S.

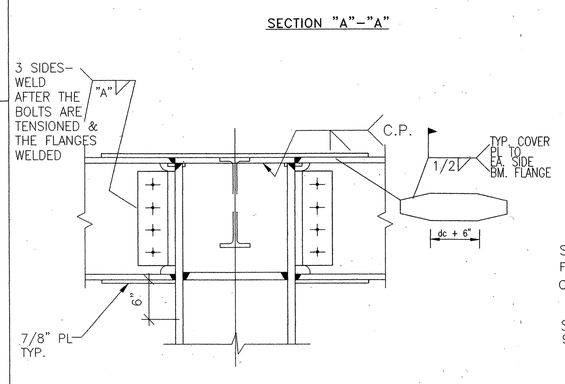


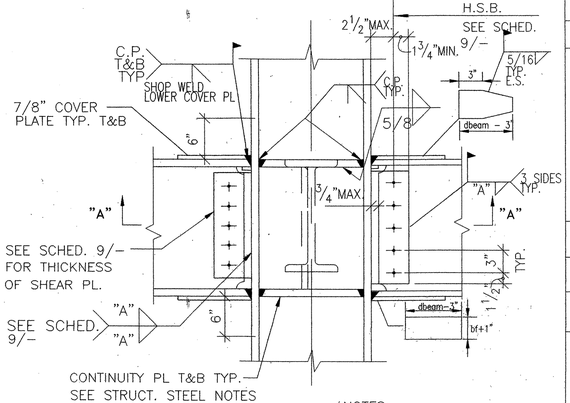
10 — BEAM WEB STIFFNER DETAIL
SCALE: N.T.S.

GIRDER TO COLUMN MOMENT CONNECTION SCHEDULE				
BEAM MEMBER DESIGNATION	PL THICK.	WELD "A"	A–325 SC CLASS A BOLTS	REMARKS
W18	1/2"	5/16"	5–7/8"ø	
W21	1/2"	5/16"	6–7/8"ø	
W24	1/2"	5/16"	6–7/8"ø	

9 — GIRDER TO COLUMN MOMENT CONNECTION SCHEDULE
SCALE: N.T.S.







NOTES:
PROVIDE CONTINUITY PL SAME THICKNESS AS FLANGE OF LARGEST GIRDER FRAMING INTO COLUMN.
AS BUILT DRAWING FEB.17,1999

5 — BEAM TO COLUMN MOMENT CONN.
SCALE: N.T.S.

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KENSINGTON, CALIFORNIA 94707

PERMIT PHASE

TYPICAL STEEL DETAILS

DATE: 10 SEPTEMBER '98
JOB: 9801
DRAWN: KB

S-05

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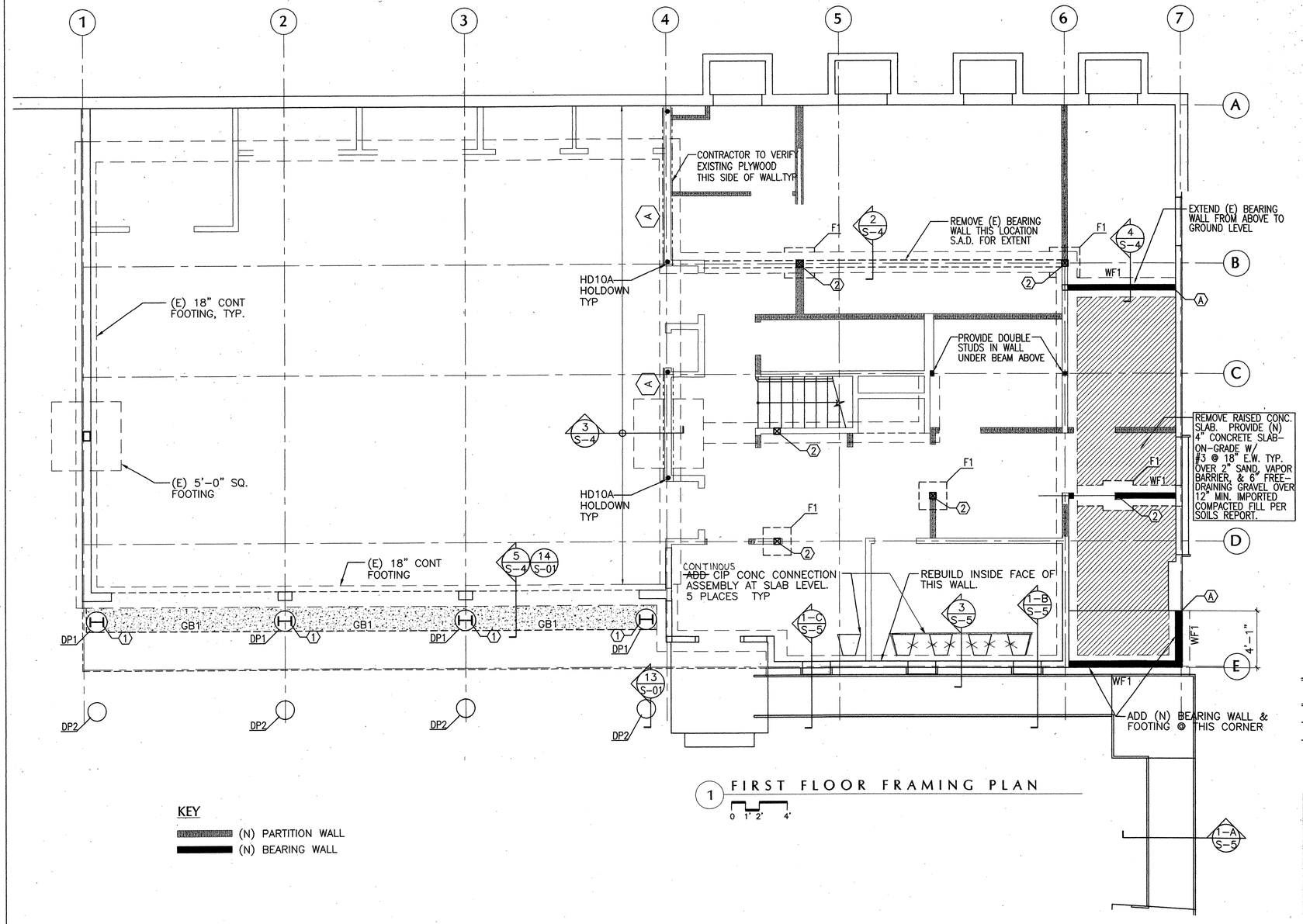

1 FIRST FLOOR FRAMING PLAN

0 1' 2' 4'

KEY

(N) PARTITION WALL

(N) BEARING WALL

SPREAD FOOTING SCHEDULE

MARK	SIZE	DEPTH	TOP REINF.	BOTTOM REINF.
F1	2'-6"x2'-6"	1'-6"	–	4-#4 E.W.

DRILLED PIER SCHEDULE

MARK	DIAMETER	DEPTH	VERT. REINF.	HORIZ. REINF.
DP1	24"	8'-0"	6-#8	#3@6"
DP2	18"	8'-0"	4-#7	#3@6"

GRADE BEAM & WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	TOP REINF.	BOTTOM REINF.	TIES
GB1*	2'-6"	1'-8"	4-#7	4-#7	#4@8"o.c.
WF1	1'-6"	18"	2-#5	3-#5	

*EXTEND HORIZ REINF. THROUGH FOOTINGS, SPLICE PER S0.0. HOOK BARS AT ENDS IF NOT CONTINUOUS.

COLUMN SCHEDULE

MARK	TYPE	BOTTOM CONN.	Fy	DOUBLER PLATES	NOTES
①	W12x58	15/S-01	36 ksi	1/2" EA SIDE	DO NOT SPLICE COLUMN, TYP.
②	6x6 DF#2	13/S-01			

FOUNDATION NOTES:

1. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE SHEETS S00-S05.
2. VERIFY ALL DIMENSIONS, ELEVATIONS, COLUMN GRIDS AND INTERIOR AND EXTERIOR GRADES WITH ARCHITECTURAL AND SITE DRAWINGS PRIOR TO CONSTRUCTION. COORDINATE ALL STRUCTURAL PLANS WITH TYPICAL DETAILS.
3. SEE DRAWINGS OTHER THAN STRUCTURAL FOR FLOOR FINISHES, SLOPES, DEPRESSIONS, PENETRATIONS, CURBS AND OTHER FEATURES.
4. SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL WALLS.
5. SEE ARCHITECTURAL AND SITE DRAWINGS FOR OTHER EXTERIOR CONSTRUCTION ADJACENT TO BUILDING.
6. ALL SPREAD FOOTINGS TO BE CENTERED BELOW COLUMNS U.O.N.
7. S STEP IN FOOTING, SEE DETAIL 10/S-01.
8. (A) DESIGNATES WOOD SHEAR WALL TYPE. SEE S-02.

AS-BUILT DRAWING FEB 17, 1999

K:\KENSINGTON\DWGS\KFS-S1.DWG

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PERMIT PHASE

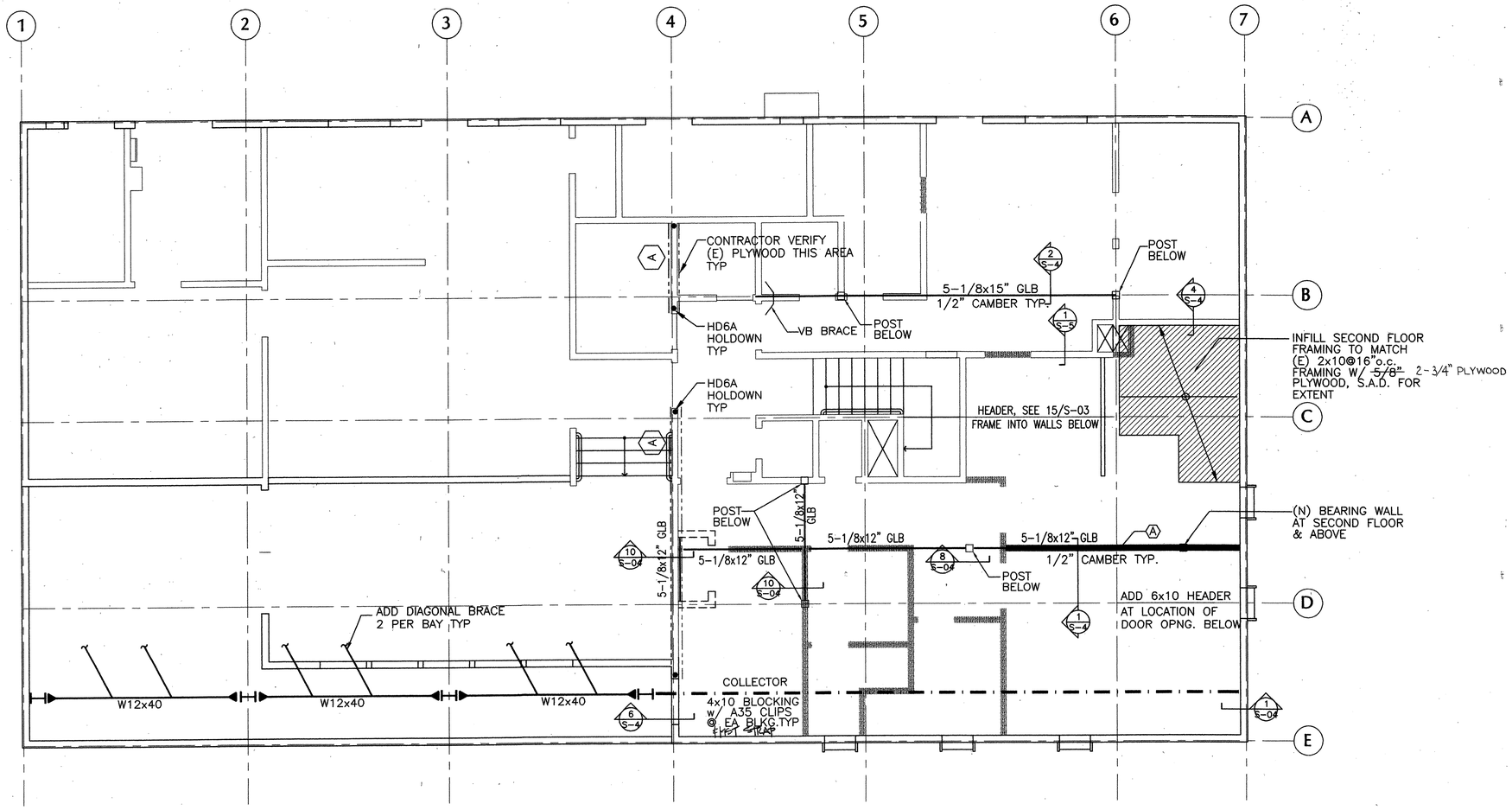
FIRST FLOOR FRAMING PLAN

DATE: 10 SEPTEMBER '98

JOB: 9801

DRAWN: KB

S-1



1 SECOND FLOOR FRAMING PLAN

0 1' 2' 4'

KEY

(N) BEARING WALL

(N) PARTITION WALL

NOTES:

1. MOMENT FRAME
   BRACE ALL MOMENT FRAME BEAMS @ THIRD POINTS. SEE DETAIL 3/S5.6 TYP.
2. DIAPHRAGM COLLECTOR LINE
3. PROVIDE HANGERS AT ALL JOIST END CONNECTIONS. SEE 3/S-04 FOR REQUIREMENTS.
4. FOR TYPICAL DETAILS, SEE SHEETS S-00 THRU S-05.

AS BUILT DRAWING
FEB 17,1999

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50% CD PHASE

SECOND FLOOR FRAMING PLAN

DATE: 17 AUGUST '98
JOB: 9801
DRAWN: KB

S-2

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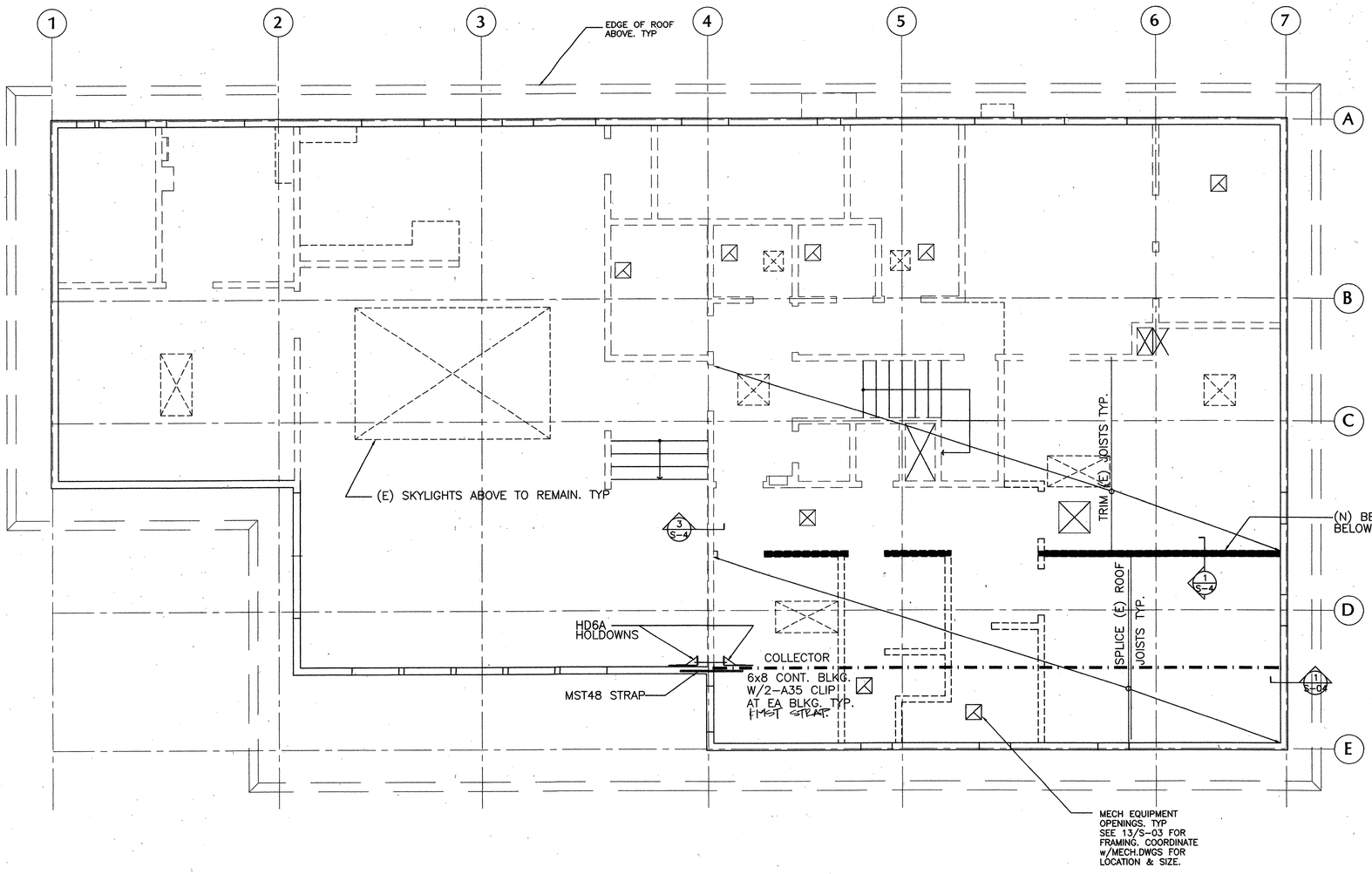

KEY

(N) BEARING WALL BELOW

(N) PARTITION WALL BELOW

1 ROOF FRAMING PLAN

0 1' 2' 4'

NOTES:

1. DIAPHRAGM COLLECTOR LINE
2. PROVIDE HANGERS AT ALL JOIST END CONNECTIONS. SEE 3/S-04 FOR REQUIREMENTS.
3. FOR TYPICAL DETAILS, SEE SHEETS S-00 THRU S-05.

AS BUILT DRAWING
FEB 17, 1999

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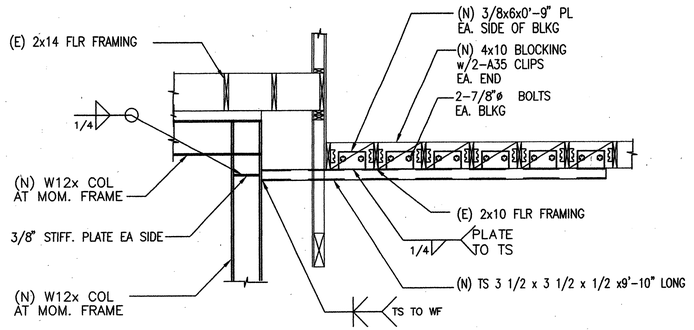
PERMIT PHASE

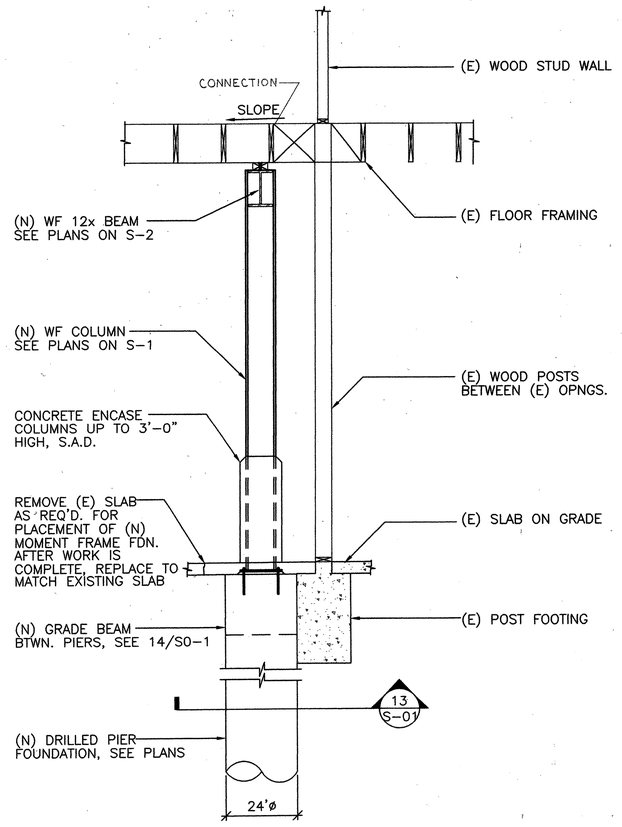
ROOF FRAMING PLAN

DATE: 10 SEPTEMBER '98
JOB: 9801
DRAWN: KB

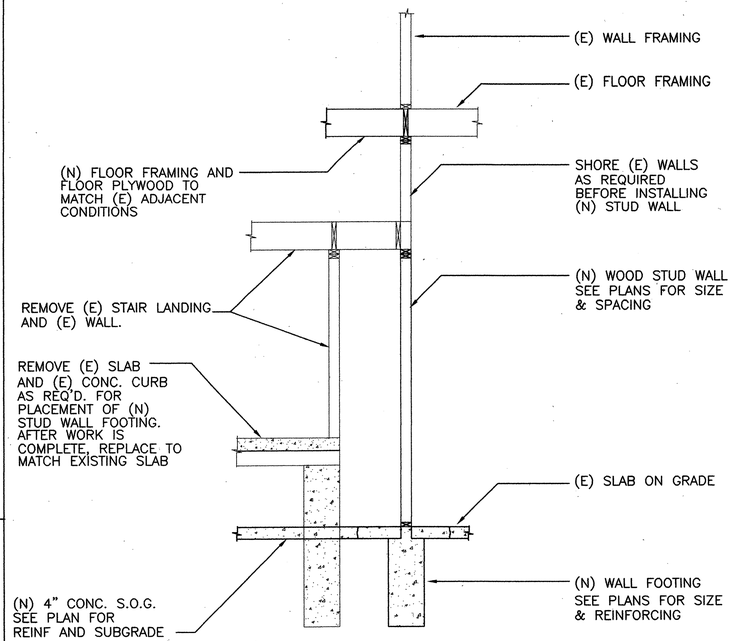
S-3



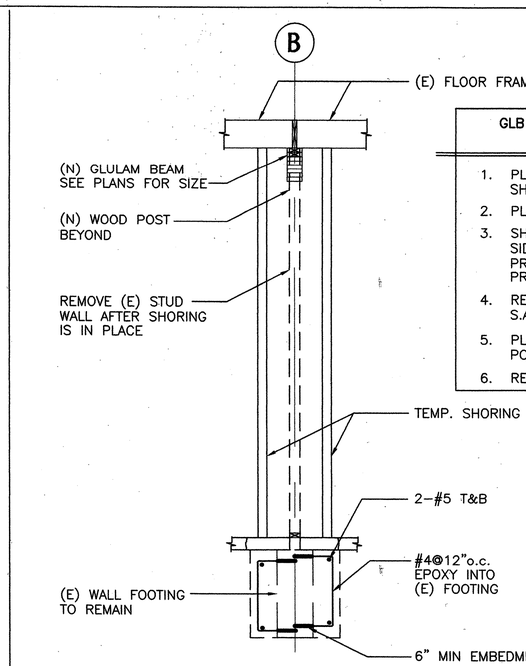
6 — SECTION @ COLLECTOR
SCALE: 1/2"=1'-0"



5 — SECTION @ (N) MOMENT FRAME
SCALE: 1/2"=1'-0"



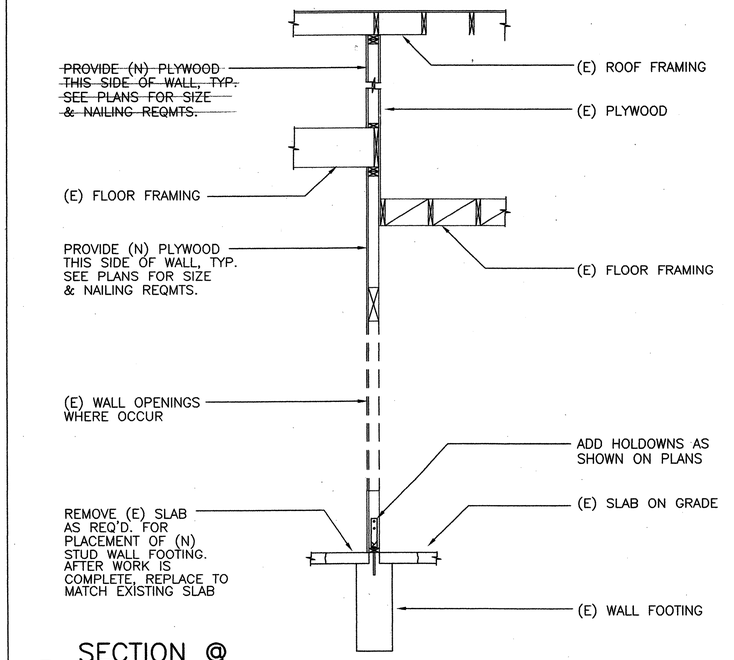
4 — SECTION @ (N) WALL AND FLOOR FRAMING
SCALE: 1/2"=1'-0"



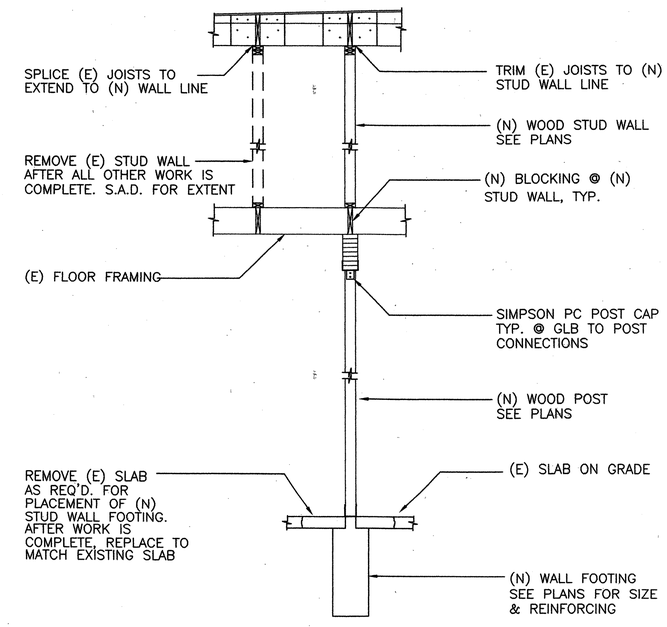
GLB REPLACEMENT OF (E) WALL SEQUENCING

1. PLACE (N) POST FOOTINGS SHORE FLOOR ABOVE AS REQ'D.
2. PLACE (N) WOOD POSTS
3. SHORE JOISTS ABOVE ON BOTH SIDES OF WALL. CONTRACTOR TO PROVIDE ENGR. W/ SHORING PLAN PRIOR TO PROCEEDING.
4. REMOVE (E) WALL FRAMING. S.A.D. FOR EXTENT.
5. PLACE GLB AND ATTACH TO WOOD POSTS & FLOOR JOISTS AS REQ'D
6. REMOVE TEMPORARY SHORING.

2 — SECTION @ GLULAM BEAM REPLACEMENT OF (E) WALL
SCALE:



3 — SECTION @ WALL ALONG GRIDLINE 4
SCALE: 1/2"=1'-0"



1 — SECTION @ NEW WALL
SCALE: 1/2"=1'-0"

AS BUILT DRAWING
FEB 17,1999

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KENSINGTON, CALIFORNIA 94707

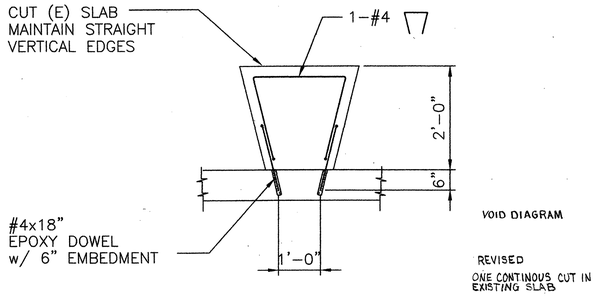
PERMIT PHASE

WALL SECTIONS

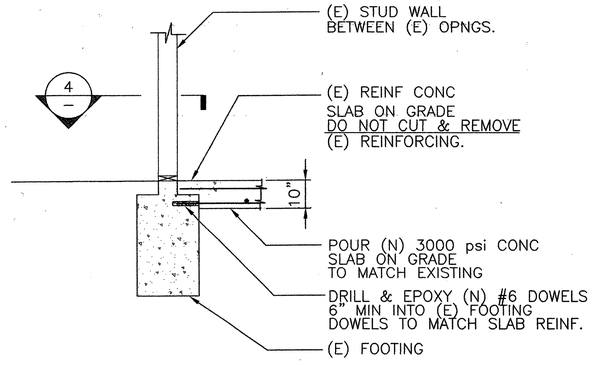
DATE: 10 SEPTEMBER '98
JOB: 9801
DRAWN: KB

S-4

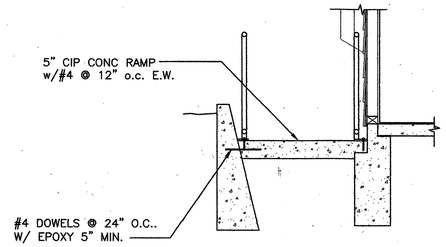
K:\KENSINGTON\DWGS\KFS-S4.DWG



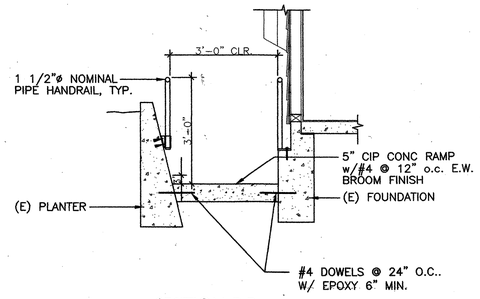
4 (N) SLAB INFILL PLAN
SCALE: 1/2"=1'-0"



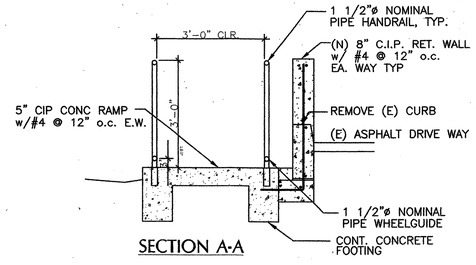
3 SECTION @ (N) SLAB
SCALE: 1/2"=1'-0"



SECTION C-C



SECTION B-B



SECTION A-A

1 SECTION @ RAMP
SCALE: 1/2"=1'-0"

AS-BUILT DRAWING
FEB 17, 1999

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PERMIT PHASE

DETAILS AND SECTIONS

DATE: 10 SEPTEMBER '98
JOB: 9801
DRAWN: KB

S-5

K:\KENSINGTON\DWGS\KFS-S4.DWG

SUPPLY FAN SCHEDULE

MFR: LOREN COOK

CODE	TYPE AND MODEL	CFM	S.P. "W.C.	BHP	MOTOR HP	SERVICE	LOCATION	CONTROL	OPER WT #	REMARKS
SF-1	90ASP-T	600	0.25"	0.05	1/6	TRAINING 111	ROOF	TSTAT	230	(1) (2) (3)

NOTES:
(1) PROVIDE W/MANUFACTURER'S ROOF CURB.
(2) INTERLOCK W/EXHAUST FAN EF-1.
(3) PROVIDE 1" DISPOSABLE, 30% EFF. FILTERS.

EXHAUST FAN SCHEDULE

MFR: LOREN COOK

CODE	TYPE AND MODEL	CFM	S.P. "W.C.	BHP (WATTS)	MOTOR HP	SERVICE	LOCATION	CONTROL	OPER WT # (4)	REMARKS
EF-1	POWER ROOF VENTILATOR 100C15DH	600	0.375"	132W	1/8	TRAINING 111	ROOF	TSTAT	50	(1) (2) (3)
EF-2	POWER ROOF VENTILATOR 90C15DH	400	0.375"	55W	1/8	TOILETS 207/208	ROOF	INTERLOCK W/LIGHT SWITCHES	40	(1) (3)
EF-3	POWER ROOF VENTILATOR 90C15DL	100	0.375"	24W	1/8	TOILET 110	ROOF	INTERLOCK W/LIGHT SWITCHES	40	(1) (3)
EF-4	POWER ROOF VENTILATOR 90W15DL	180	0.375"	26W	1/8	EVIDENCE 112	WALL	WALL SWITCH	40	(1) (3)

NOTES:
(1) PROVIDE W/MANUFACTURER'S ROOF CURB.
(2) INTERLOCK W/SUPPLY FAN SF-1.
(3) W/MANUFACTURER'S FAN SPEED CONTROL.
(4) WEIGHT DO NOT INCLUDE ROOF CURB.

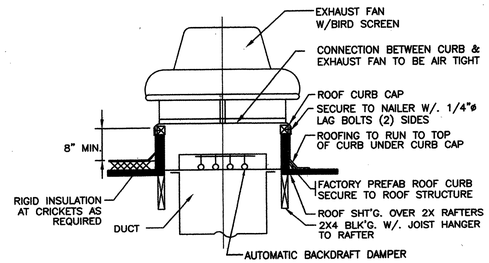
} 120 V. STAT

AIR OUTLET SCHEDULE

MFR: TITUS

CODE	MODEL	DESCRIPTION
CSD-1	TDC	LOUVERED FACE SQUARE CEILING SUPPLY DIFFUSER, WITH OBD.
CRG-1	TDC	LOUVERED FACE SQUARE CEILING RETURN DIFFUSER, WITH OBD.
CEG-1	TDC	LOUVERED FACE SQUARE CEILING EXHAUST DIFFUSER, WITH OBD.
SWR-1	300RL	DOUBLE DEFLECTION SIDE WALL SUPPLY REGISTER WITH FRONT BLADES PARALLEL TO SHORT DIMENSION WITH OBD AT GRILLE.
SWG-1	350RL	SINGLE DEFLECTION SIDE WALL RETURN GRILLE WITH BLADES PARALLEL TO LONG DIMENSION WITH OBD AT GRILLE.

NOTES: (1) ALL AIR OUTLETS TO BE STEEL CONSTRUCTION
(2) COORDINATE EXACT BORDER AND FRAME TYPE WITH ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS.
(3) INLET SIZE IS NECK SIZE U.O.N.



1 EXHAUST FAN MOUNTING DETAIL
NOT TO SCALE

GENERAL REQUIREMENTS

1. ALL WORK AND EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE LAWS, CODES, ETC., OF ALL AUTHORITIES HAVING JURISDICTION, THE STATE FIRE INSURANCE REGULATORY BODY, UNDERWRITERS LABORATORIES, IRI, FM, AND THE NATIONAL ELECTRICAL CODE. MODIFICATIONS REQUIRED BY THE ABOVE SAID AUTHORITIES SHALL BE MADE WITHOUT ADDITIONAL CHARGE TO THE TENANT. WHERE CONTRACT DOCUMENT REQUIREMENTS ARE IN EXCESS OF CODE REQUIREMENTS, THE THE CONTRACT DOCUMENTS SHALL GOVERN. DEVIATIONS FROM THE CONTRACT DOCUMENT REQUIRED BY THE ABOVE AUTHORITIES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

2. WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL INCLUDE ALL LABOR AND MATERIAL ESSENTIAL TO PROVIDE THE COMPLETE AND FUNCTIONING SYSTEMS DESCRIBED. IN CASES OF DOUBT AS TO THE WORK INTENDED, OR IN THE EVENT OF NEED FOR EXPLANATION THEREOF, THE CONTRACTOR SHALL REQUEST SUPPLEMENTARY INSTRUCTIONS FROM THE ENGINEER.

3. THE CONTRACTOR SHALL REVIEW THE SITE PRIOR TO BID SUBMISSION AND SHALL INCLUDE IN HIS BID THE COST OF REPLACEMENT, REPAIR, RELOCATION, OR REMOVAL OF EXISTING MEP ELEMENTS AS REQUIRED TO COMPLETE THE INSTALLATION OF ALL SYSTEMS SHOWN ON THESE DRAWINGS. ALL UNUSED TENANT EQUIPMENT SERVING THIS AREA SHALL BE REMOVED AND RETURNED TO THE LANDLORD'S STOCK. SOME WORK SHOWN MAY REQUIRE PREMIUM TIME TO AVOID DISRUPTION OF OTHER TENANT'S ACTIVITIES AND MEP SERVICES. CONTRACTOR SHALL CONFIRM THE REQUIREMENTS FOR PREMIUM TIME OR SPECIAL PROCEDURES WITH THE LANDLORD AND INCLUDE THE COST IN HIS BID PROPOSAL. THE CONTRACTOR, BY SUBMITTING HIS BID PROPOSAL AGREES TO ACCEPT ALL EXISTING SITE CONDITIONS NOT SPECIFICALLY EXCEPTED. ALL EXCEPTIONS SHALL BE PROVIDED IN WRITING TO THE ARCHITECT AND ENGINEER. REMOVE UNUSED EQUIPMENT, PIPING AND DUCTWORK.

4. EXISTING MP EQUIPMENT TO REMAIN OR TO BE REUSED (EXHAUST FANS, SWITCHES, DIFFUSERS, THERMOSTAT, SINKS, ETC., ASSOCIATED WIRING, CONDUIT, DUCTWORK, PNEUMATIC TUBING, PIPING, ETC.) WITHIN OR SERVING THE SPACE WHICH IS DAMAGED OR DOES NOT COMPLY WITH THE SPECIFICATIONS SHALL BE RESTORED TO LIKE NEW CONDITION SUBJECT TO REVIEW BY THE ARCHITECT AND ENGINEER, OR SHALL BE REPLACED WITH NEW MATERIALS MEETING SPECIFICATION REQUIREMENTS. EXISTING EQUIPMENT WITHIN THE SPACE MAY BE REUSED SUBJECT TO REVIEW BY THE ARCHITECT AND ENGINEER.

5. EACH DIVISION 15 SUBCONTRACTOR SHALL PREPARE AND SUBMIT TO THE OWNER'S REPRESENTATIVE FOUR BOUND BOOKLETS CONTAINING A COMPLETE LIST AND DESCRIPTION OF THE MATERIALS, SPECIALTIES AND EQUIPMENT HE INTENDS TO FURNISH FOR THE INSTALLATION. ALL PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE DESCRIBED IN THE SUBMITTALS. THE BOOKLETS SHALL INCLUDE THE FOLLOWING CERTIFICATION STATEMENT SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE SUBCONTRACTOR AND OF THE GENERAL CONTRACTOR:

   I HEREBY CERTIFY THAT THIS SHOP DRAWING, PRODUCT DATA, AND/OR SAMPLE HAS BEEN CHECKED PRIOR TO SUBMITTAL AND THAT IT COMPLIES IN ALL RESPECTS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENT AND PHYSICAL SPACE LIMITATIONS FOR THE PROJECT. I FURTHER CERTIFY THAT ALL PRODUCTS, MATERIALS AND PROCESSES SUBMITTED HEREIN CONTAIN NO ASBESTOS OR PCB.

6. A SET OF RECORD/COORDINATION DRAWINGS SHALL BE MAINTAINED IN THE GENERAL CONTRACTOR'S OFFICE AT THE JOB SITE CONSISTING OF REPRODUCIBLE SEPIAS OF THE MECHANICAL AND PLUMBING CONSTRUCTION DRAWINGS (WITH THE ENGINEER'S NAME REMOVED). ACTUAL LOCATIONS OF ALL EQUIPMENT, PIPING DUCTWORK, ETC., AND ALL DEVIATIONS OF THE WORK FROM THAT SHOWN ON THE CONTRACT DOCUMENTS SHALL BE MARKED ON THE RECORD/COORDINATION DRAWINGS. EACH TRADE SHALL REVIEW THE COORDINATION DRAWINGS AND RESOLVE ANY POTENTIAL CONFLICTS WITH OTHER TRADES. PRIOR TO INSTALLING ANY PORTION OF THEIR WORK. THE GENERAL CONTRACTOR SHALL SUBMIT THE RECORD-COORDINATION DRAWING TO THE ARCHITECT AND ENGINEER FOR REVIEW PRIOR TO FINAL ACCEPTANCE OF THE WORK.

7. NEW DUCTWORK SHOWN ON DRAWINGS SHALL BE INSTALLED AS HIGH AS POSSIBLE. CONTRACTOR SHALL COORDINATE DUCTWORK AND PIPING INSTALLATION WITH LIGHTING FIXTURES, SPRINKLER HEADS, SPECIAL CEILING CONSTRUCTION, AIR DISTRIBUTION EQUIPMENT, ETC., AND PROVIDE ADDITIONAL RISES, DROPS AND OFFSETS AS REQUIRED. IF NEWLY INSTALLED DUCTWORK OR PIPING IS FOUND TO BE IN CONFLICT WITH ARCHITECTURAL OR MP ELEMENTS WHICH ARE EITHER EXISTING OR SHOWN ON THE CONTRACT DOCUMENT THE DUCTWORK OR PIPING SHALL BE RELOCATED WITHOUT ADDITIONAL COST.

MECHANICAL SYSTEM GENERAL NOTES

1. EXISTING DUCTWORK HAS BEEN SHOWN LIGHTLY TO INDICATE THEIR APPROXIMATE LOCATION. NEW DUCTWORK, PIPING, DIFFUSERS, EQUIPMENT, SLOT DIFFUSERS, GRILLES, ETC., ARE SHOWN WITH HEAVY LINES. EXISTING DUCTWORK TO BE REMOVED IS SHOWN CROSS-HATCHED (REFER LEGEND)

2. ALL NEW RECTANGULAR DUCTWORK SHALL BE OF THE LOW PRESSURE TYPE CONSTRUCTED OF LOCK FORMING GALVANIZED STEEL IN ACCORDANCE WITH THE "DUCT MANUAL AND SHEET METAL CONSTRUCTION FOR VENTILATING AND AIR CONDITIONING SYSTEMS", LATEST EDITION, PUBLISHED BY THE "SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION, INC. "(SMACNA). TURNING VANES SHALL BE PROVIDED IN ALL 90° ELBOWS: 45 DEG.TAKE-OFF FITTING SHALL BE PROVIDED AT ALL 90° BRANCH TAKE-OFFS. DUCTWORK SHALL BE HUNG AS HIGH AS POSSIBLE FROM THE BUILDING STRUCTURE AND SUPPORTED WITH HANGERS ASSEMBLIES IN ACCORDANCE WITH "SMACNA" REQUIREMENTS AND CODE REQUIRED SEISMIC RESTRAINTS. PROVIDE ADDITIONAL RISES, DROPS, AND OFFSETS IN DUCTWORK AS REQUIRED. ALL EXISTING RECTANGULAR DUCTWORK AND NEW RECTANGULAR DUCTWORK, INCLUDING SUPPLY AIR, EXHAUST AIR (UPSTREAM OF FANS) AND OUTSIDE AIR SHALL BE EXTERNALLY INSULATED UNLESS OTHERWISE NOTED WITH 0.6 LB. DENSITY, 1-1/2" THICK (FIRE = 25, SMOKE = 50) FOIL FACED FIBER GLASS FLEXIBLE BLANKET INSULATION SECURED TO THE DUCTS WITH BENJAMIN FOSTER NO. 85-20 ADHESIVE IN 6" WIDE STRIPS ON 12" CENTERS, DUCT DIMENSIONS INDICATED ARE INSIDE CLEAR DIMENSIONS.

3. ALL FLEXIBLE DUCTWORK SHALL BE FACTORY INSULATED (1-1/2", 0.6LB., FIBERGLASS, FIRE = 25, SMOKE = 50) FLEXMASTER TYPE III OR EQUAL. ALL FLEXIBLE DUCTWORK CONNECTED TO DIFFUSERS SHALL BE EQUIVALENT IN SIZE TO THE NECK SIZE OF THE DIFFUSER UNLESS OTHERWISE NOTED ON DRAWINGS. MINIMUM FLEXIBLE DUCT BEND RADIUS OF CURVATURE SHALL BE 3 DUCT DIAMETERS, MAXIMUM LENGTH SHALL BE 7'-0", NO MORE THAN EQUIVALENT OF TWO (2) 90° BENDS WILL BE ACCEPTABLE. MINIMUM PRESSURE RATING ON ALL FLEXIBLE DUCT SHALL BE 3" W.G.

4. ALL NEW RIGID ROUND SHEET METAL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH FIGURES 3-1 THROUGH 3-5 AND TABLE 3-2 OF THE "SMACNA" MANUAL. SNAP LOCK LONGITUDINAL BEAMS AND DRAW BAND JOINT CONNECTIONS ARE NOT ACCEPTABLE. ALL EXISTING BASE BUILDING RIGID ROUND DUCTWORK SHALL BE EXTERNALLY INSULATED WITH 0.6 LB DENSITY , 1-1/2" THICK (FIRE = 25, SMOKE = 50) FOIL-FACED FIBER GLASS FLEXIBLE BLANKET INSULATION SECURED TO THE DUCTS WITH BENJAMIN FOSTER NO. 85-20 ADHESIVE 6" WIDE STRIPS ON 12" CENTERS.

5. CONTRACTOR SHALL VERIFY THAT THE LOCATION OF CEILING MOUNTED AIR CONDITIONING SLOTS, DIFFUSERS, GRILLES, AND REGISTERS SHOWN ON THE DRAWINGS ARE ACCEPTABLE TO THE ARCHITECT PRIOR TO INSTALLATION.

6. THE CONTRACTOR SHALL CONDUCT A SURVEY OF THE DUCTWORK AND SHALL INCLUDE IN HIS INITIAL BID THE COST OF SEALING/REPAIRING EXISTING DUCTWORK SECTIONS AND JOINTS IN ORDER TO BALANCE THE SYSTEM. AFTER ALL AIR SYSTEMS ARE INSTALLED, EACH SUPPLY AIR OUTLET AND EXHAUST AIR INLET SHALL BE AIR BALANCED TO WITHIN 10% OF THE CFM SHOWN WITH AIR PATTERNS SET AS INDICATED ON DRAWINGS ALL ZONES OR PORTIONS THEREOF SERVING OTHER SPACES AND WHICH MAY BE AFFECTED BY THE PROJECT SHALL BE TRAVERSED PRIOR TO CONSTRUCTION. THE FINAL AIR BALANCE SHALL RESTORE THESE AIR QUANTITIES. BEFORE AND AFTER AIR QUANTITIES SHALL BE LISTED IN THE AIR BALANCE REPORT.

LEGEND AND ABBREVIATIONS

SYMBOL	ABBR	DESCRIPTION
1 / M-1		DETAIL NUMBER / DRAWING NUMBER
HP / 1		EQUIPMENT IDENTIFICATION / EQUIPMENT NUMBER
		SIDE WALL REGISTER/GRILLE
CODE / SIZE CFM		AIR SUPPLY/RETURN
		SUPPLY AIR OUTLET (4 WAY THROW U.O.N.)
		RETURN AIR OUTLET
		EXHAUST AIR OUTLET
	(E)	EXISTING BASE BUILDING DUCTWORK/EQUIPMENT
	(E)	EXISTING TI DUCTWORK/EQUIPMENT
	(E)	EXISTING DUCTWORK/EQUIPMENT TO BE REMOVED
	(N)	NEW DUCTWORK/EQUIPMENT
		SQUARE TO ROUND DUCT
	R (D)	DUCT RISE OR DROP
OR	AL	ACOUSTICAL LINING (1" FIBERGLASS U.O.N.)
	FC	FLEXIBLE DUCT CONNECTION
	VD	VOLUME DAMPER
		FLEXIBLE DUCT
		REDUCING TRANSITION
	TV	TURNING VANES
CD	CD,D	CONDENSATE DRAIN
		DIRECTION OF AIRFLOW
		SLOPE DOWN
		LINE CONTINUED
	CFF	CAPPED FOR FUTURE
T		THERMOSTAT
$		WALL SWITCH
CWS	CWS	CONDENSER WATER SUPPLY
CWR	CWR	CONDENSER WATER RETURN
	FD/FSD	FIRE DAMPER/FIRE SMOKE DAMPER (WITH 120V-1ø MOTOR)
	BDD	BACKDRAFT DAMPER
BDD		
	U.O.N	UNLESS OTHERWISE NOTED
	S.A.D.	SEE ARCHITECTURAL DRAWINGS
	AP	ACCESS PANEL
	(E)	EXISTING
	(N)	NEW
	CTE	CONNECT TO EXISTING
	(R)	RELOCATE/RELOCATED
	T.I.	TENANT IMPROVEMENTS
	NIMC	NOT IN MECHANICAL CONTRACT
	SED	SEE ELECTRICAL DRAWINGS
	SAD	SEE ARCHITECTURAL DRAWINGS
	SQ.FT.	SQUARE FEET
• (E)		EXISTING SPRINKLER HEAD
• (R)		EXISTING RELOCATED SPRINKLER HEAD
ø (E)		EXISTING SPRINKLER HEAD TO BE REMOVED
UC	UC	UNDERCUT

DRAWING INDEX

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AS-BUILT DRAWING FEB 17,1999

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PERMIT SUBMITTAL

LEGEND, NOTES, DETAILS AND SCHEDULES

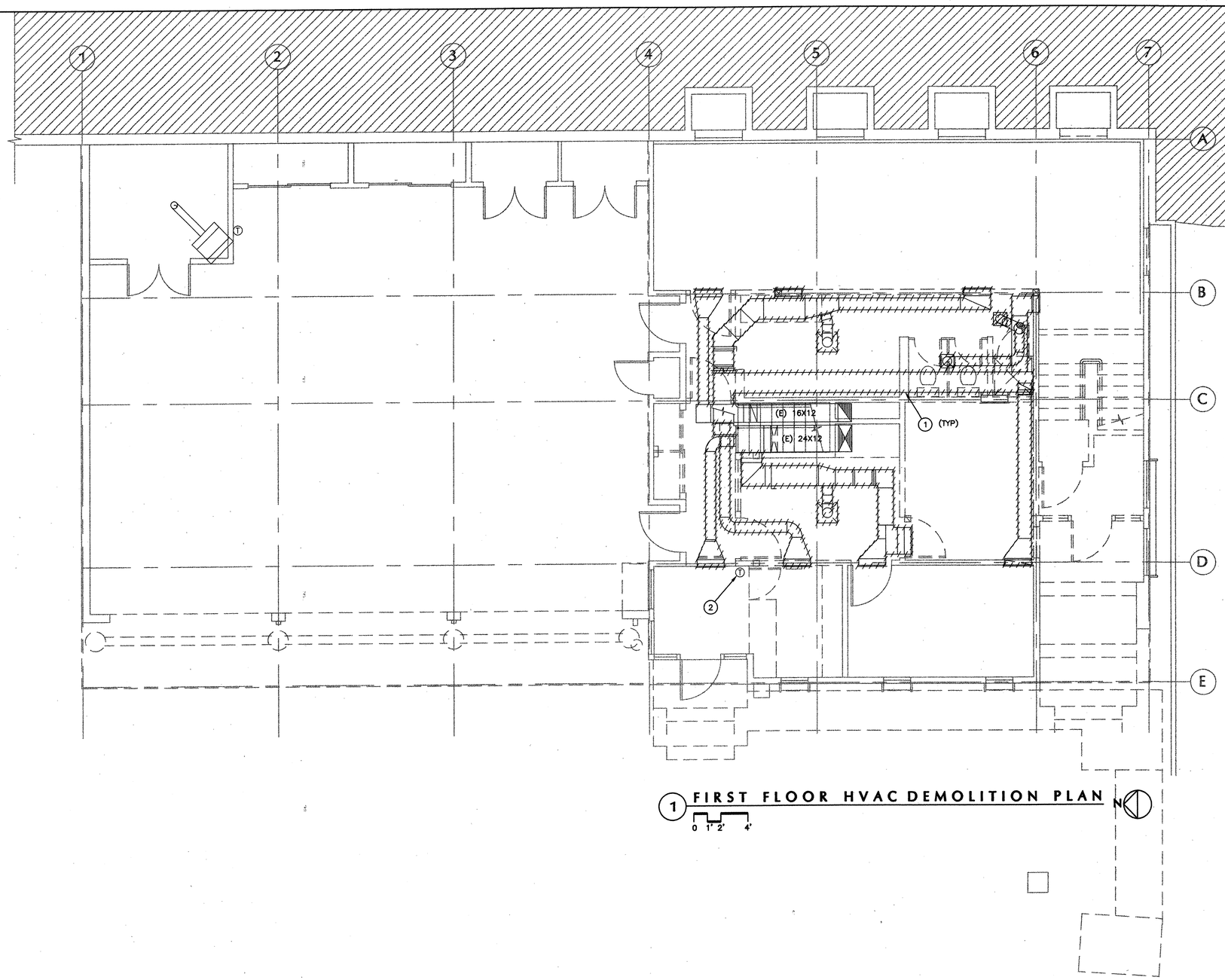
DATE: 10 SEP '98
JOB: 9801
DRAWN: JL/LK

M-1

N:\JOBS\9801\SD\A-3.DWG

SHEET NOTES

1. REMOVE EXISTING DUCTWORK AS INDICATED AND CAP & SEAL ALL OPENINGS IN DUCTWORK NOT BEING REUSED (SEE SHEET M-4).
2. EXISTING THERMOSTAT TO BE RELOCATED (SEE SHEET M-4).



1 FIRST FLOOR HVAC DEMOLITION PLAN

0 1' 2' 4'

N

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PERMIT SUBMITTAL

FIRST FLOOR HVAC DEMOLITION PLAN

DATE: 10 SEP '98

JOB: 9801

DRAWN: JL/LK

M-2

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AS-BUILT DRAWING FEB 17,1999

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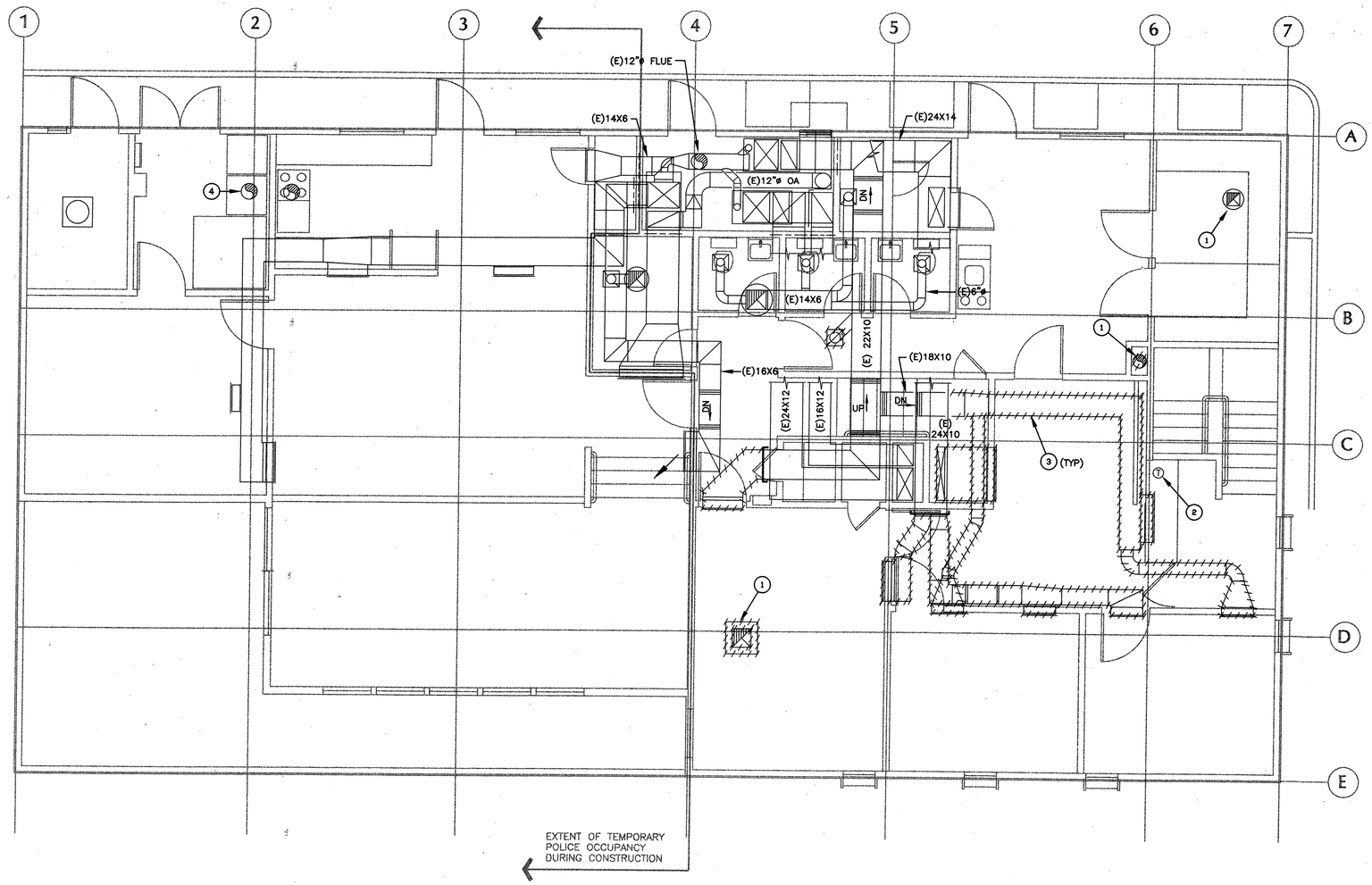

SHEET NOTES

1. EXISTING EXHAUST FAN ON ROOF TO REMAIN (TYP.)
2. EXISTING THERMOSTAT TO BE RELOCATED (SEE SHEET M-5).
3. REMOVE EXISTING DUCTWORK AS INDICATED AND CAP & SEAL ALL OPENINGS IN DUCTWORK NOT BEING REUSED (SEE SHEET M-5).
4. PROVIDE TEMPORARY VENT CAP AT EXISTING DRYER VENT. (REFER TO ARCH. SHEET A-3 NOTE F).

1 SECOND FLOOR HVAC DEMOLITION PLAN

0 1' 2' 4'

N

N:\JOBS\9801\SD\A-3.DWG

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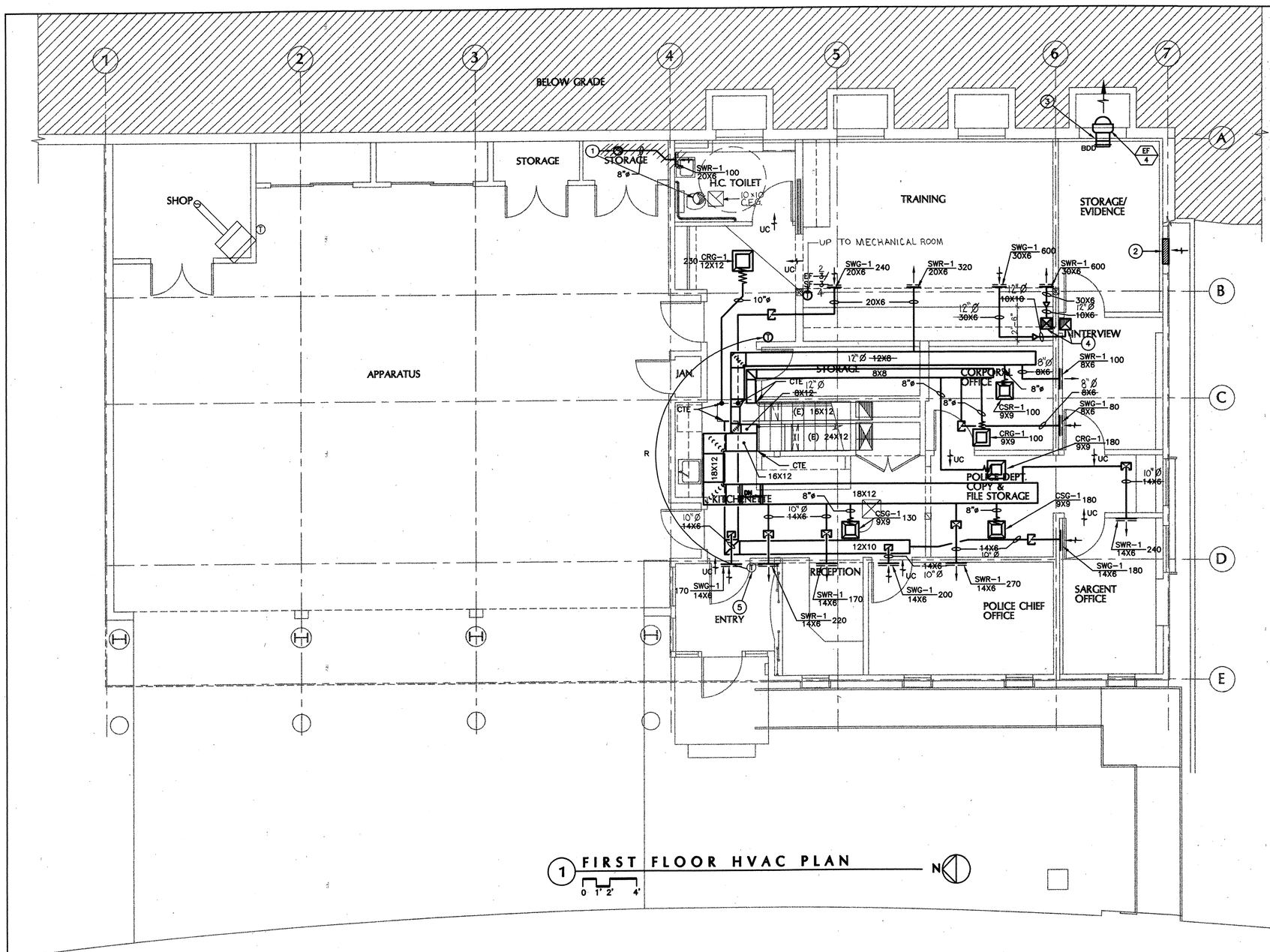
PERMIT SUBMITTAL

SECOND FLOOR HVAC DEMOLITION PLAN

DATE: 10 SEP '98
JOB: 9801
DRAWN: JL/LK

M-3



1 FIRST FLOOR HVAC PLAN

SHEET NOTES

1. (N) 8"ø EA RISER UP TO EXHAUST FAN EF-3 ON ROOF (SEE SHEET M-5).
2. LOUVERED OPENING BY ARCHITECT MIN. 1 S.F. FREE AREA. PROVIDE 1", 30% DISPOSABLE FILTER SIZED AT 500 FPM.
3. REMOVE WINDOW AND REUSE OPENING FOR EXHAUST FAN EF-4. PATCH REMAINING OPENING IN WALL.
4. (N) 10X10 EA & SA RISERS UP TO EXHAUST FAN EF-1 AND SUPPLY FAN SF-1 ON ROOF.
5. RELOCATE EXISTING THERMOSTAT AS INDICATED.

NOTE: NO FLEX DUE TO HARD CIELING

ASBUILTS BY:
BRIAN McHUGH
MARTINEZ SHEET METAL
DEC 17, 1998

AS BUILT DRAWING FEB 17, 1999

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KENSINGTON FIRE STATION / PUBLIC SAFETY BUILDING RENOVATION

215 ARLINGTON AVENUE
KENSINGTON, CALIFORNIA 94707

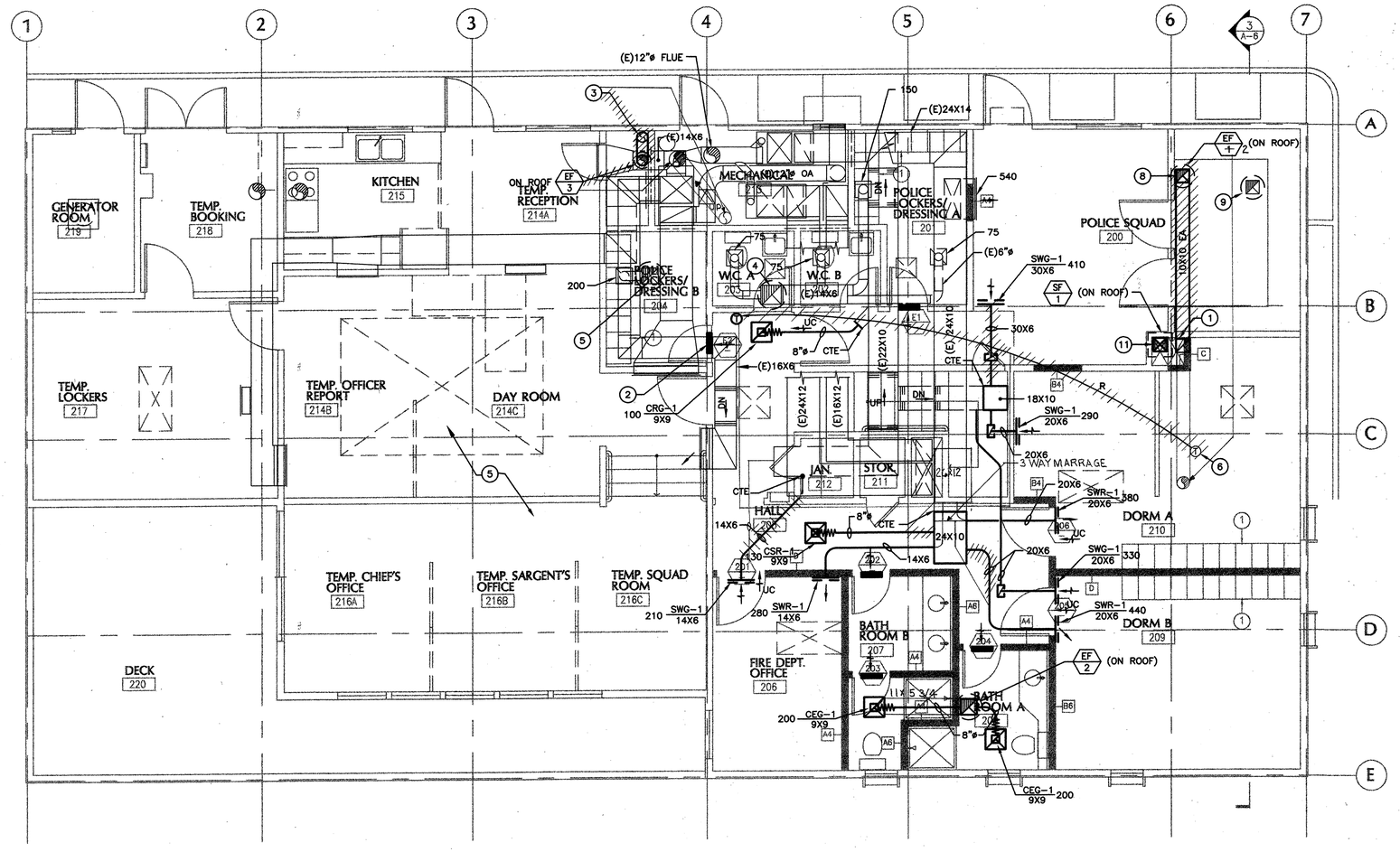
PERMIT SUBMITTAL

FIRST FLOOR HVAC PLAN

DATE: 10 SEP '98
JOB: 9801
DRAWN: JL/LK

M-4

N:\JOBS\9801\SD\A-4.DWG



SHEET NOTES

1. 10X10 EA RISER DN TO LEVEL 1.
2. DOOR LOUVER BY ARCHITECT MIN. 0.4 S.F. FREE AREA (TYP).
3. (N) 8"ø EA RISER UP TO EXHAUST FAN EF-3 ON ROOF.
4. (E) 14X14 EA RISER UP TO EXISTING EXHAUST FAN ON ROOF.
5. (E) 12X12 EA RISER UP TO EXISTING EXHAUST FAN ON ROOF.
6. RELOCATE EXISTING THERMOSTAT AS INDICATED.
7. MAINTAIN UNITERRUPTED AIR CONDITIONING TO AREA OF TEMPORARY POLICE OCCUPANCY THROUGH OUT CONSTRUCTION PERIOD. CHANGE FILTER WEEKLY.
8. (N) ~~10X10~~ 12"ø EA DUCT UP TO EF-~~1~~ 2 ON ROOF.
9. (E) 10X10 EA DUCT UP TO EXISTING EXHAUST FAN ON ROOF.
10. (N) ~~10X10~~ 12"ø EA DUCT UP TO EXHAUST FAN EF-2 ON ROOF.
11. (N) ~~10X10~~ SA RISER FROM SF-1 ON ROOF, DN TO LEVEL 1.

NOTE: NO FLEX DUE TO HARD CIELING

ASBUILTS BY:
BRIAN McHUGH
MARTINEZ SHEET METAL
DEC 17, 1998

1 SECOND FLOOR HVAC PLAN

N

0 1' 2' 4'

AS-BUILT DRAWING FEB 17, 1999

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REGISTERED PROFESSIONAL ENGINEER
DARREL ANGHERA
No. M 26561
Exp. 9/30/02
MECHANICAL
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KENSINGTON FIRE STATION / PUBLIC SAFETY BUILDING RENOVATION

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KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

SECOND FLOOR HVAC PLAN

DATE: 10 SEP ' 98
JOB: 9801
DRAWN: JL/LK

M-5

N:\JOBS\9801\SD\A-5.DWG

PLUMBING FIXTURE CONNECTION SCHEDULE

CODE	DESCRIPTION	SOIL–WASTE	TRAP	VENT	CW	HW	REMARKS
WC–1	WATER CLOSET HANDICAPPED	4"	INTEGRAL	2"	1/2"	–	AMERICAN STANDARD 2168.100 "CADET" 17" H EL. 1.6/PA ELONGATED TOILET, PRESSURE ASSISTED, SEAT OLSONITE #95.
WC–2	WATER CLOSET	4"	INTEGRAL	2"	1/2"	–	AMERICAN STANDARD 2292.100 "CADET" EL. 1.6/PA ELONGATED TOILET, PRESSURE ASSISTED, SEAT OLSONITE #95.
LAV–1	LAVATORY HANDICAPPED	2"	1 1/4"X1 1/4"	1 1/2"	1/2"	1/2"	AMERICAN STANDARD 0356.015 "LUCERNE" WALL HUNG, FAUCET HOLES 8" ON CENTERS, FAUCET "HERITAGE" 4802.372H WRIST BLADE HANDLES.
LAV–2	LAVATORY	2"	1 1/4"X1 1/4"	1 1/2"	1/2"	1/2"	AMERICAN STANDARD 0475.020 "AQUALYN" COUNTERTOP, FAUCET HOLES 8" ON CENTERS, FAUCET "HERITAGE" 4802.372H WRIST BLADE HANDLES.
SK–1	SINK HANDICAPPED	2"	1–1/2"x1–1/2"	1–1/2"	1/2"	1/2"	ELKAY STAINLESS STEEL LRAD–2522, 5–1/2" DEEP, FAUCET ELKAY LK–230–BH–5, LK–18 GRID STRAINER.
SH–1	SHOWER	2"	2"	1–1/2"	1/2"	1/2"	SYMMONS 96–1–X TEMPTROL PRESSURE BALANCING MIXING VALVE WITH ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN, CLEAR–FLO SHOWER HEAD WITH ARM AND FLANGE, INTEGRAL SERVICE STOPS, CHROME FINISH. PROVIDE SHOWER DRAIN.

(1) PROVIDE PROTECTIVE COVERS FOR TRAP AND WATER SUPPLIES AS SPECIFIED.

DRAIN AND CLEANOUT SCHEDULE

CODE	FLOOR FINISH	ZURN FIG. NUMBER	CONN.	TOP GR. MATERIAL	GRATE SIZE	REMARKS
WCO	–	Z–1468	2"/4"	STAINLESS STEEL COVER	5"/7"ø	NICKEL BRONZE PLUG
FCO	(1)	Z–1400	4"	NICKEL BRONZE	6"ø	
GCO	–	Z–1474	4"	DURESIST COVER	9"ø	WITH INTERNAL CLEANOUT

NOTES: (1) REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR FINISHES.

GENERAL NOTES

1. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR CONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATION.
2. ANY DISCREPANCIES DISCOVERED DURING THE PRE–BID WALK–THRU OR DURING THE REVIEW OF THE EXISTING DOCUMENTS AND THE DESIGN DOCUMENTS WHEREIN SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION AT LEAST SEVEN DAYS PRIOR TO BID. DURING THE JOBSITE VISITS PRIOR TO BIDDING, TAKE MEASUREMENTS AND SUCH OTHER INFORMATION AS TO THE LOCATIONS, DEPTH, CAPACITIES AND SIZES OF EXISTING EQUIPMENT AND PIPING TO WHICH CONNECTIONS MAY BE MADE OR WHICH MAY BE DEMOLISHED, ABANDONED OR REROUTED. IF ANY ADDITIONAL WORK IS REQUIRED DUE TO OMISSIONS OR DISCREPANCIES AFTER THE CONTRACT FOR THE WORK IS AWARDED AND IF SUCH OMISSIONS OR DISCREPANCIES WOULD HAVE BEEN REVEALED BY A SITE VISIT OR A REVIEW OF THE EXISTING DRAWINGS, THEN THE CORRECTIVE ADDITIONAL WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
3. NOT ALL EXISTING SYSTEMS ARE SHOWN TO AID DRAWING INTERPRETATION CLARITY.
4. DO NOT INTERRUPT OR SHUT DOWN ANY BUILDING UTILITIES WITHOUT PRIOR WRITTEN APPROVAL.
5. INSULATE ALL (N) DOMESTIC HOT WATER PER SPECIFICATION SECTION 15000. INSULATION SHALL BE NON–COMBUSTIBLE MATERIAL MEETING CODE REQUIREMENTS AND FIRE AND SMOKE HAZARD RATINGS AS TESTED BY PROCEDURE ASTM E–84, NFPA 225 AND UL 723 NOT EXCEEDING FLAME FLAME SPREAD 25 AND SMOKE DEVELOPED 50, ADHESIVES, MASTICS, CEMENTS, ETC. WILL NOT EXCEED THE SAME COMPONENT RATINGS.
6. PROVIDE U.L. LISTED AND FIRE MARSHALL APPROVED FIRE STOPPING SYSTEMS WHERE (N) PIPES PENETRATE FIRE RATED WALLS OR FLOORS.
7. RELOCATE EXISTING PIPE, CONDUITS, DUCTS, EQUIPMENT, ETC. AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT INSTALLATION.
8. REMOVE ALL EXISTING ABANDONED PIPING AND ACCESSORIES.
9. THE DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD COORDINATION WITH OTHER TRADES. BEFORE SUBMITTING THE BID, CONTRACTOR SHALL REVIEW THE ARCHITECTURAL, STRUCTURAL AND ELECTRICAL DRAWINGS AND DETERMINE ALL REQUIREMENTS TO PROVIDE A FULLY FUNCTIONAL PLUMBING SYSTEM AS DESCRIBED ON THE DRAWINGS.
10. COORDINATE WITH GENERAL CONTRACTOR THE EXTENT OF DEMOLITION WORK TO BE PROVIDED BY THE MECHANICAL CONTRACTOR.
11. REVIEW ALL DEMOLITION NOTES INDICATED ON THE ARCHITECTURAL DRAWINGS.
12. BEFORE ANY TRENCHING, DETERMINE THE EXACT ROUTING AND INVERT ELEVATIONS OF (E) UNDERGROUND UTILITIES BY REVIEWING (E) DRAWINGS AND THROUGH FIELD SURVEY.

PHASING NOTES

1. MAINTAIN 1 TOILET ROOM (U.C.A OR B) OPERATIONAL THROUGHOUT CONSTRUCTION. SCHEDULE INTERCEPTIONS IN SERVICE WITH POLICE DEPARTMENT IN ADVANCE AND PROVIDE ACCESS TO TEMPORARY SANITARY FACILITIES.
2. MAINTAIN WATER SERVICE TO TEMPORARY POLICE OCCUPANCY AREA THROUGH OUT CONSTRUCTION.

LEGEND AND ABBREVIATIONS

SYMBOL	ABBR.	DESCRIPTION
1 / P–1		DETAIL NUMBER / DRAWING NUMBER
P / 1		EQUIPMENT IDENTIFICATION / EQUIPMENT NUMBER
R / 1		RISER NUMBER
	S,W	SANITARY SOIL OR WASTE PIPING
	S,W	SANITARY SOIL OR WASTE PIPING BELOW FLOOR
	V	VENT PIPING
	CW	DOMESTIC COLD WATER PIPING
	HW	DOMESTIC HOT WATER PIPING
G	G	NATURAL GAS PIPING
RWL	RWL	RAINWATER LEADER
		EXISTING PIPING TO REMAIN
		EXISTING PIPING TO BE REMOVED
		SLOPE DOWN
	HB	HOSE BIBB
	CO	CLEANOUT
	FCO	FLOOR CLEANOUT
	WCO	WALL CLEANOUT
		UNION
		LINE CONTINUED
	CFF	CAPPED FOR FUTURE
	GV	GATE VALVE
	BV	BUTTERFLY VALVE (2 1/2" OR LARGER), BALL VALVE (2" OR SMALLER)
	GLV	GLOBE VALVE
	CV	CHECK VALVE
	BD	BALANCING DEVICE (B & G CIRCUIT SETTER)
	PV	PLUG VALVE
		STRAINER
		FLEXIBLE CONNECTION
● ■	FD	FLOOR DRAIN
	U.O.N.	UNLESS OTHERWISE NOTED
●	AD	AREA DRAIN
	S.A.D.	SEE ARCHITECTURAL DRAWINGS
	VTR	VENT THRU ROOF
	FU	FIXTURE UNITS
	IW	INDIRECT WASTE
	AP	ACCESS PANEL
	WHA	WATER HAMMER ARRESTOR
	(E)	EXISTING
	(N)	NEW
	(POC)	POINT OF CONNECTION
	(R)	RELOCATE

DRAWING INDEX

REGISTERED PROFESSIONAL ENGINEER DARREL ANGHERA No. M 26561 Exp. 9/30/02 MECHANICAL STATE OF CALIFORNIA

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AS BUILT DRAWING FEB 17, 1999

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KENSINGTON FIRE STATION / PUBLIC SAFETY BUILDING RENOVATION
215 ARLINGTON AVENUE
KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

LEGEND, NOTES, DETAILS AND SCHEDULES

DATE: 10 SEP '98
JOB: 9801
DRAWN: JL/LK

P-1

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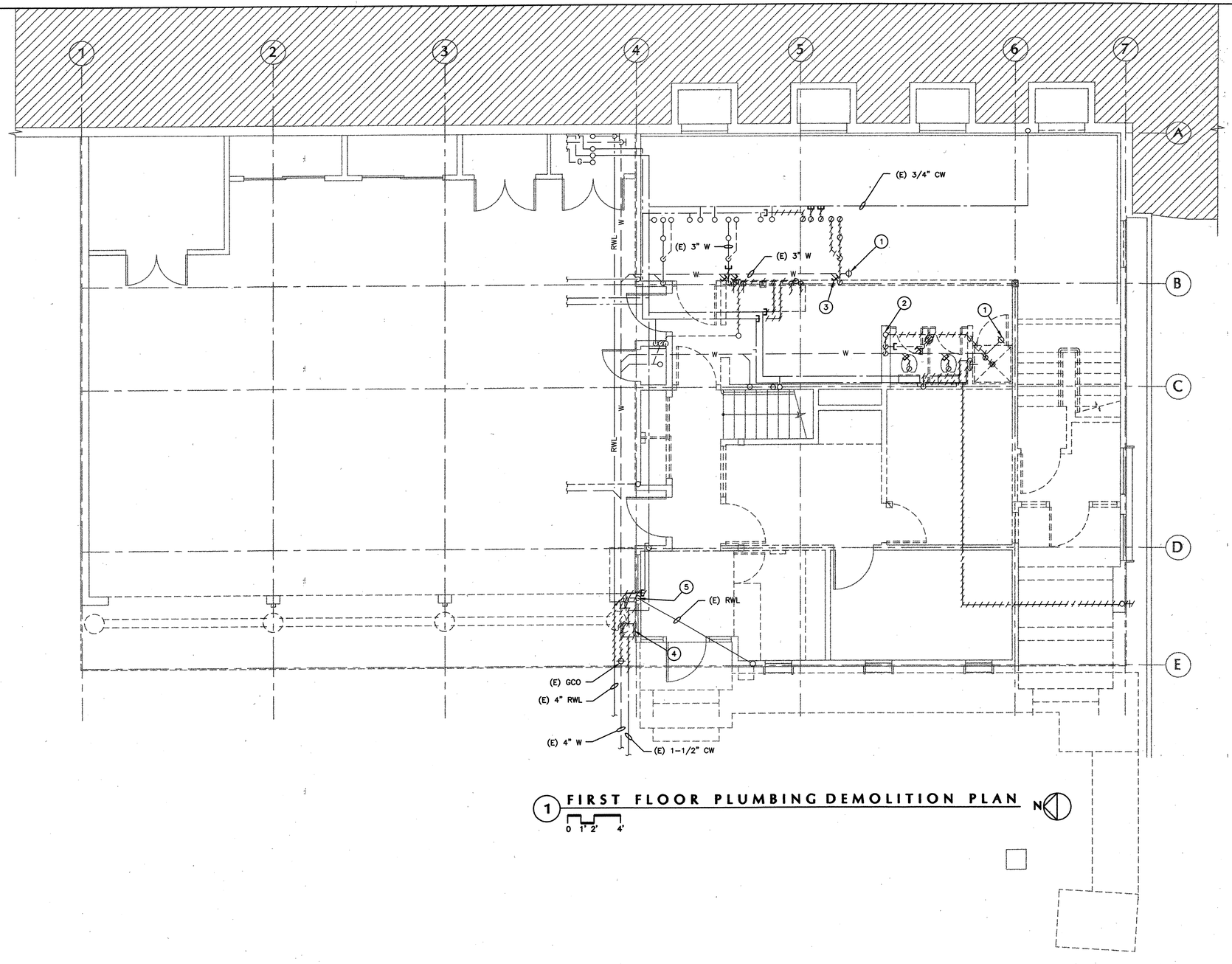

1 FIRST FLOOR PLUMBING DEMOLITION PLAN

0 1' 2' 4'

N

SHEET NOTES

1. (E) FCO TO REMAING.
2. (E) 2" VENT RISER ABOVE CEILING TO REMAIN.
3. CAP (E) PIPING (TYP).
4. (E) WATER METER AND BOX TO BE REMOVED.
5. (E) HOSE BIBB AND FIRE HOSE CONNECTION TO BE REMOVED.

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KENSINGTON, CALIFORNIA 94707

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FIRST FLOOR PLAMBING DEMOLITION PLAN

DATE: 10 SEP '98

JOB: 9801

DRAWN: JL/LK

P-2

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AS BUILT DRAWING FEB 17,1999

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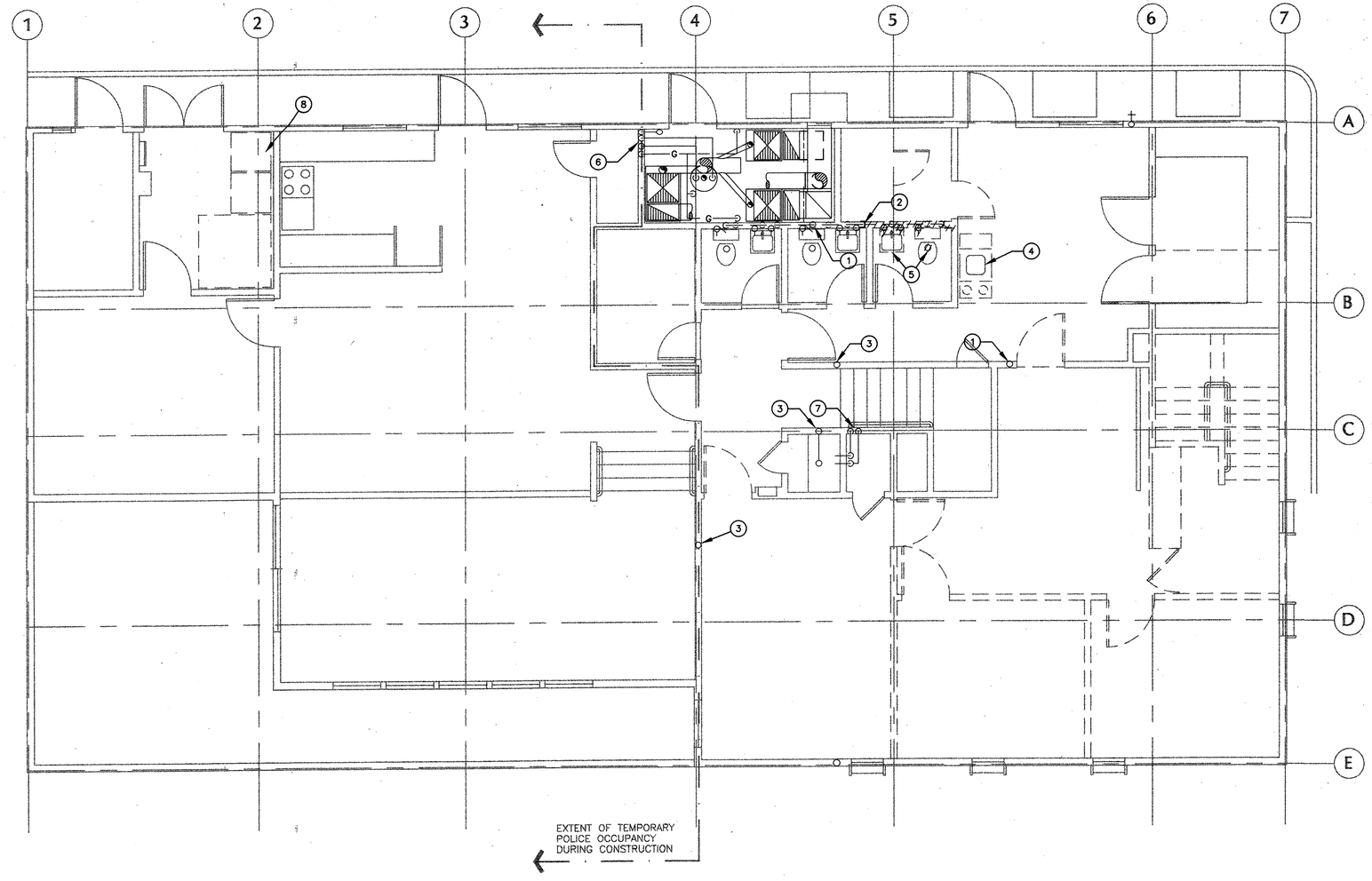

SHEET NOTES

1. (E) 2" VTR TO REMAIN.
2. (E) 2" VENT TO BE CAPPED IN WALL.
3. (E) 1-1/2" VTR TO REMAIN.
4. (E) SINK AND ASSOCIATED PIPING TO BE REMOVED.
5. (E) WATER CLOSET AND LAVATORY TO BE REMOVED. ASSOCIATED PIPING TO BE REMOVED AND EXISTING PIPING TO BE CAPPED AS SHOWN.
6. (E) 1" CW, 3/4" HW, 1-1/2" G AND 3" RWL TO REMAIN.
7. (E) 3/4" CW AND 3/4" HW TO THE MOP SINK TO REMAIN.
8. REMOVE (E) WASHER. DISCONNECT FROM WATER SUPPLY AND DRAIN. TURN SHUT-OFF VALVES OFF. MAINTAIN DRAIN TRAP PRIMED DURING CONSTRUCTION.

1 SECOND FLOOR PLUMBING DEMOLITION PLAN

0 1' 2' 4'

N

AS BUILT DRAWING FEB 17, 1999

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PUBLIC SAFETY BUILDING RENOVATION
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KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

SECOND FLOOR PLUMBING DEMOLITION PLAN

DATE: 10 SEP '98
JOB: 9801
DRAWN: JL/LK

P-3

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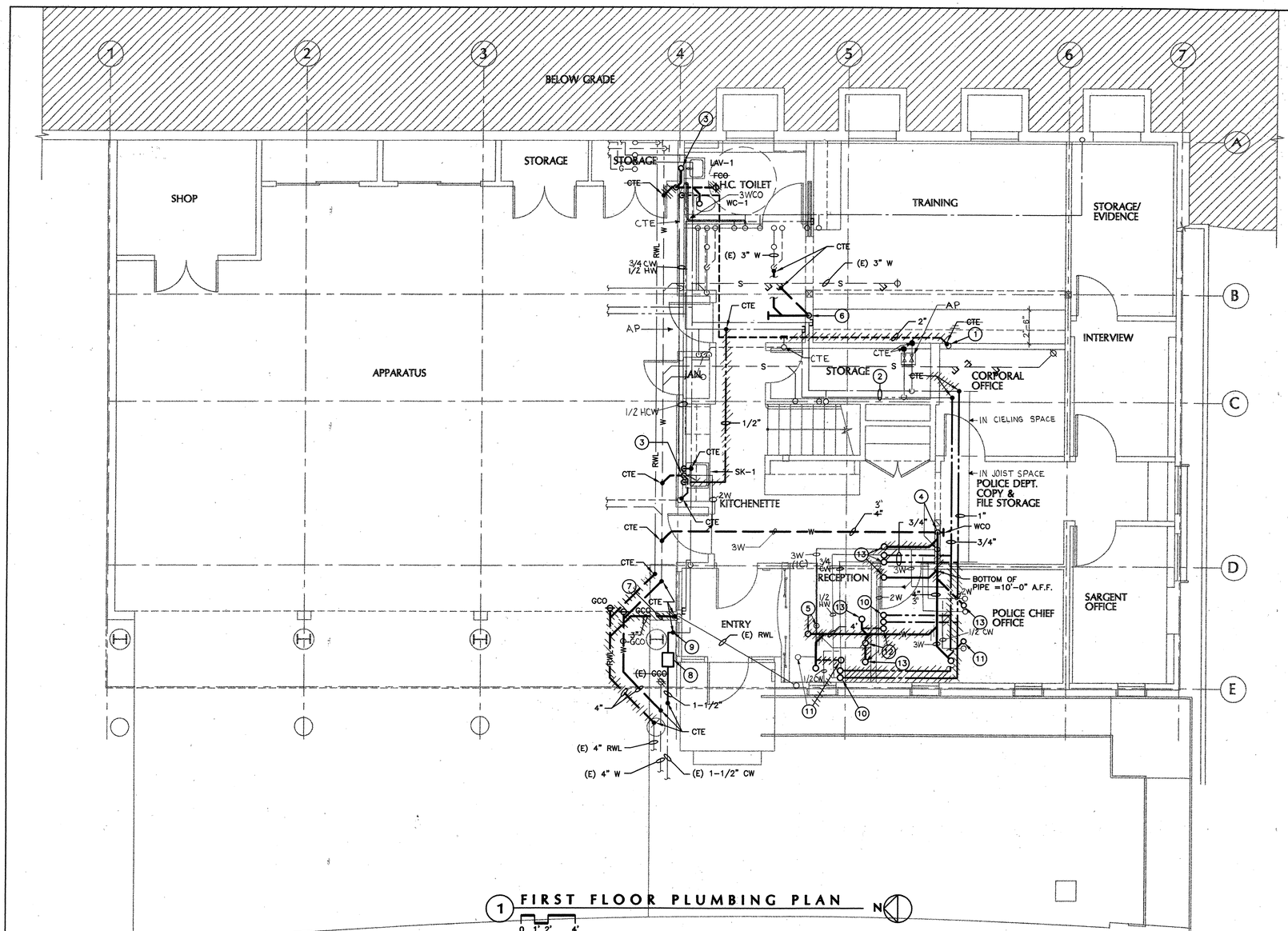

SHEET NOTES

1. (E) 2" V – UP.
2. (E) 1" CW AND 3/4" HW
3. ~~2" W – DN.~~ 1 1/2" CPRDWV DIRTY ARM IN WALL
4. ~~3"~~4" W – DN
5. ~~3"~~4" W UP TO FCO.
6. 3" W – DN.
7. COORDINATE EXACT ROUTING OF THE (N) RWL WITH EXISTING FOOTING.
8. (N) WATER ~~METER~~ VALVE IN CONCRETE BOX. COORDINATE EXACT LOCATION WITH (N) FOOTING.
9. FIELD VERIFY EXACT POINT OF CONNECTION TO EXISTING WATER LINE.
10. 1/2" CW AND 1/2" HW – UP TO.
11. 2" V – UP.
12. ~~1 1/2" V – UP.~~
13. 2" W – UP.

ASBUILT BY:
KRIS KRUSE
KS. KRUSE PLBG. CO.
JAN 09,1999

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KENSINGTON FIRE STATION / PUBLIC SAFETY BUILDING RENOVATION

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PERMIT SUBMITTAL

FIRST FLOOR PLUMBING PLAN

DATE: 10 SEP '98
JOB: 9801
DRAWN: JL/LK

REGISTERED PROFESSIONAL ENGINEER
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AS-BUILT DRAWING FEB 17,1999

P-4

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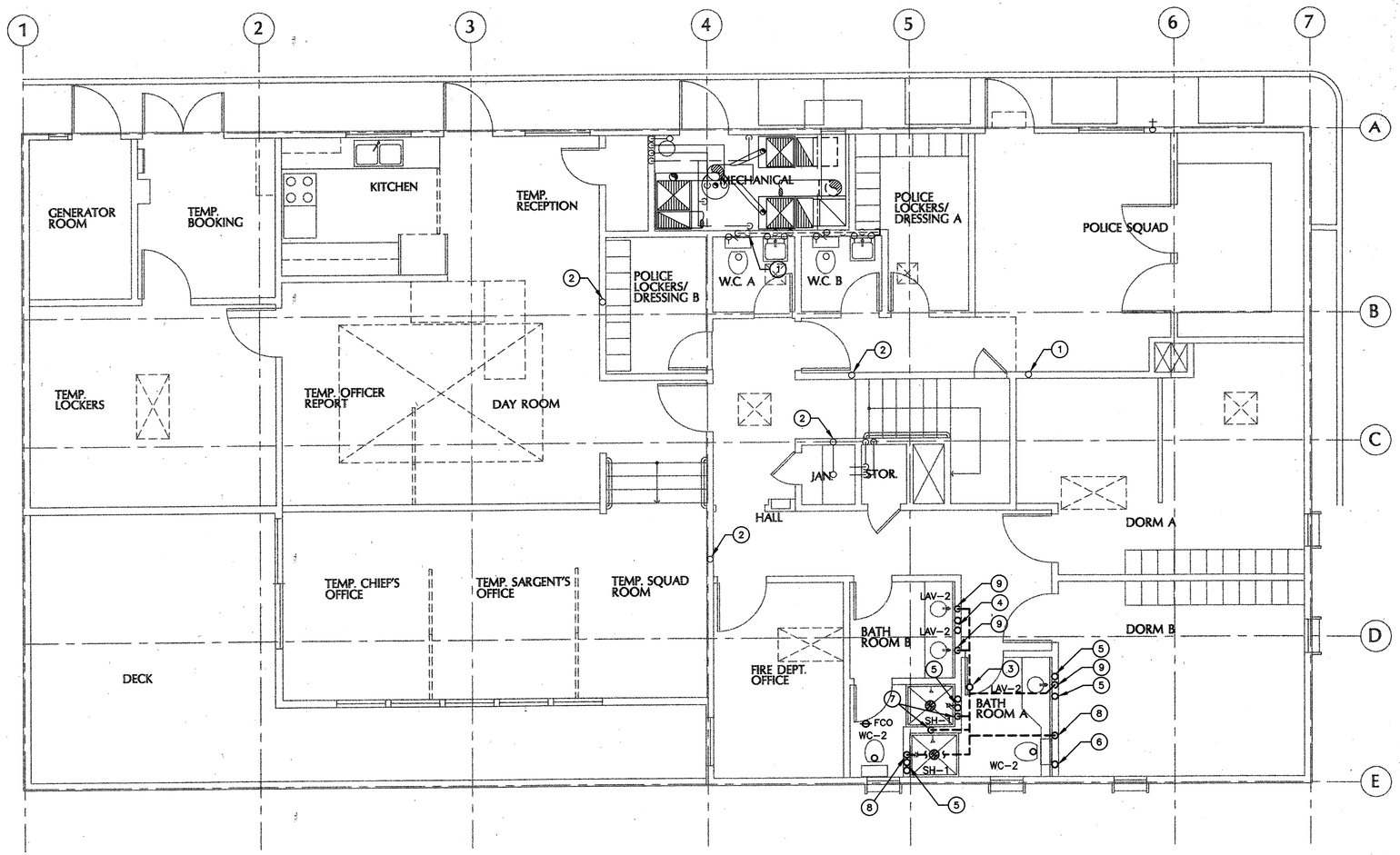

SHEET NOTES

1. (E) 2" VTR.
2. (E) 1-1/2" VTR.
3. 2" VTR.
4. 3/4" CW AND 3/4" HW.
5. 1/2" CW AND 1/2" HW.
6. 1/2" CW.
7. 1-1/2" V - DN.
8. 2" V - DN.
9. 2" W - DN.

1 SECOND FLOOR PLUMBING PLAN

0 1' 2' 4'

N

N:\JOBS\9801\SD\A-5.DWG

REGISTERED PROFESSIONAL ENGINEER DIRECT ANGHEL No. M 26561 Exp. 9/30/02 STATE OF CALIFORNIA

AS-BUILT DRAWING FEB 17,1999

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PERMIT SUBMITTAL

SECOND FLOOR PLUMBING PLAN

DATE: 10 SEP '98
JOB: 9801
DRAWN: JL/LK

P-5

CERTIFICATE OF COMPLIANCE - Lighting Part 1 of 2 LTG-1

PROJECT NAME: KENSINGTON FIRE STATION		DATE: 7-17-98
PROJECT ADDRESS: 215 ARLINGTON AVENUE, KENSINGTON, CA 94707		Building Permit #
PRINCIPAL DESIGNER – LIGHTING: PINNACLE ENGINEERING DAVID HOLLAS	TELEPHONE: 415-284-1888	
DOCUMENTATION AUTHOR: PINNACLE ENGINEERING DAVID HOLLAS	TELEPHONE: 415-284-1888	Checked by/Date Enforcement Agency Use

GENERAL INFORMATION

DATE OF PLANS: 9-10-98	BUILDING CONDITIONED FLOOR AREA: 2461 SQUARE FEET			
BUILDING TYPE	[X] NONRESIDENTIAL	[ ] HIGH RISE RESIDENTIAL	[ ] HOTEL/MOTEL GUEST ROOM	
PHASE OF CONSTRUCTION	[ ] NEW CONSTRUCTION	[ ] ADDITION	[X] ALTERATION	
METHOD OF LIGHTING COMPLIANCE	[ ] COMPLETE BUILDING	[X] AREA CATEGORY	[ ] TAILORED	[ ] PERFORMANCE

STATEMENT OF COMPLIANCE

This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.

The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the lighting requirements contained in sections 110, 119, 130 through 132, and 146 or 149.

Please check one:

[X] I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am a civil engineer, electrical engineer or architect.

[ ] I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by Section 5537.2 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am a licensed contractor preparing documents for work that I have contracted to perform.

[ ] I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by Section _____ of the _____ Code to sign this document as the person responsible for its preparation; and for the following reason: _____

PRINCIPAL LIGHTING DESIGNER – NAME	SIGNATURE	LIC. NO.	DATE
DAVID HOLLAS	David Hollas	E12355	9-10-98

LIGHTING MANDATORY MEASURES

Indicate location on plans of Note Block for Mandatory Measures: E1

INSTRUCTIONS TO APPLICANT

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, please refer to the Nonresidential Manual published by the California Energy Commission.

LTG-1 Required on plans for all submittals. Part 2 may be incorporated in schedules on plans.
LTG-2 Required for all submittals.
LTG-3 Optional. Use only if lighting control credits are taken.
LTG-4 Optional. Use only if Tailored Method is used. Parts 2 and 3 used only if applicable.

Nonresidential Compliance Form December 1991

CERTIFICATE OF COMPLIANCE - Lighting Part 2 of 2 LTG-1

PROJECT NAME: KENSINGTON FIRE STATION DATE: 7-17-98

INSTALLED LIGHTING SCHEDULE

LUMINAIRE NAME (eg. Type-1, Type-2, etc.)	LAMPS: TYPE I	F	H	NO. OF LAMPS	WATTS/LAMP	BALLAST: TYPE S	E*	O*	NO./LUMINAIRE	NOTE TO FIELD
A1	[ ]	[X]	[ ]	1	32	[ ]	[ ]	[ ]	1	
A2	[ ]	[X]	[ ]	2	40	[ ]	[ ]	[ ]	1	
B2	[ ]	[X]	[ ]	2	32	[ ]	[ ]	[ ]	1	
B3	[ ]	[X]	[ ]	3	32	[ ]	[ ]	[ ]	1	
C	[ ]	[X]	[ ]	3	32	[ ]	[ ]	[ ]	1	
D	[ ]	[X]	[ ]	1	13	[ ]	[ ]	[ ]	1	
E	[ ]	[X]	[ ]	2	26	[ ]	[ ]	[ ]	1	
F	[ ]	[X]	[ ]	1	27	[ ]	[ ]	[ ]	1	
G	[ ]	[X]	[ ]	2	40	[ ]	[ ]	[ ]	1	
	[ ]	[ ]	[ ]			[ ]	[ ]	[ ]		
	[ ]	[ ]	[ ]			[ ]	[ ]	[ ]		

* Provide Supporting Documentation

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # or Dwg. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRES CONTROLLED: TYPE	# OF LUMIN.	NOTE TO FIELD

NOTES TO FIELD - For Building Department Use Only

Nonresidential Compliance Form December 1991

LIGHTING COMPLIANCE SUMMARY LTG-2

PROJECT NAME: KENSINGTON FIRE STATION DATE: 7-17-98

ACTUAL LIGHTING POWER

LUMINAIRE NAME	DESCRIPTION	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE (Including Ballast)	CEC DEFAULT Y	N	TOTAL WATTS
B2	PENDANT MOUNTED INDIRECT FLUOR.	2	62	[X]	[ ]	124
B3	PENDANT MOUNTED INDIRECT FLUOR.	3	93	[X]	[ ]	279
C	SURFACE MOUNTED FLUOR.	6	93	[X]	[ ]	558
D	UNDER CABINET LIGHT	10	18	[X]	[ ]	180
E	RECESSED COMPACT FLUOR.	10	62	[X]	[ ]	620
F	WALL MOUNTED EXTERIOR LIGHT	3	34	[X]	[ ]	102
G	WALL MOUNTED VANITY LIGHT	1	66	[X]	[ ]	66
				[X]	[ ]	
				[X]	[ ]	
				[ ]	[ ]	

SUBTOTAL FROM THIS PAGE	1929
PLUS SUBTOTAL FROM CONTINUATION PAGE	
LESS CONTROL CREDIT WATTS (FROM LTG-3)	
ADJUSTED ACTUAL WATTS	1929

* If not using the CEC Default value, please provide supporting documentation.

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD

BUILDING CATEGORY (From Table 2-53M)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS

AREA CATEGORY METHOD

AREA CATEGORY (From Table 2-53N)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
MAIN ENTRY LOBBY	1.6	49	78.4
OFFICE, CONFERENCE, MEETING CENTERS	1.6	1331.6	2130.6
CORRIDORS, RESTROOM	0.8	586.9	469.5
STORAGE	0.6	333.4	200
KITCHEN	2.2	160	352
TOTALS		2460.9 AREA	3230.5 WATTS

TAILORED OR PERFORMANCE METHOD

[ ] TAILORED [ ] PERFORMANCE TOTAL ALLOWED WATTS (From LTG-4 or from computer run.)

Nonresidential Compliance Form December 1991

LIGHTING MANDATORY MEASURES

[ ] BUILDING LIGHTING SHUT-OFF:
THE BUILDING LIGHTING SHUT-OFF SYSTEM CONSISTS OF AN AUTOMATIC TIME SWITCH, WITH A ZONE FOR EACH FLOOR: OR THE BUILDING IS SEPARATELY METERED AND LESS THAN 5,000 SQUARE FEET; EXEMPT FROM THE SHUT-OFF REQUIREMENTS.

[ ] OVERRIDE FOR BUILDING LIGHTING SHUT-OFF:
THE AUTOMATIC BUILDING SHUT-OFF SYSTEM IS PROVIDED WITH A MANUAL, ACCESSIBLE OVERRIDE SWITCH IN SIGHT OF THE LIGHTS. THE AREA OF OVERRIDE IS NOT TO EXCEED 5,000 SF.

[ ] AUTOMATIC CONTROL DEVICES CERTIFIED:
ALL AUTOMATIC CONTROL DEVICES SPECIFIED ARE CERTIFIED, ALL ALTERNATE EQUIPMENT SHALL BE CERTIFIED AND INSTALLED AS DIRECTED BY THE MANUFACTURER.

[X] FLUORESCENT BALLAST AND LUMINARIES CERTIFIED:
FLUORESCENT FIXTURES SPECIFIED FOR THE PROJECT ARE CERTIFIED AND LISTED IN THE DIRECTORY. ALL INSTALLED FIXTURES SHALL BE CERTIFIED.

[ ] TANDEM WIRING FOR TWO-LAMP BALLASTS:
ALL ONE AND THREE LAMP FLUORESCENT FIXTURES ARE TANDEM WIRES WITH TWO (2) LAMP BALLAST WHERE REQUIRED BY STANDARDS 132 OR ALL THREE LAMP FLUORESCENT FIXTURES ARE SPECIFIED WITH ELECTRONIC HIGH-FREQUENCY BALLAST'S AND ARE EXEMPT FROM THE TWO-LAMP TANDEM WIRING REQUIREMENTS.

[X] INDIVIDUAL ROOM/AREA CONTROLS:
EACH ROOM AND AREA IN THIS BUILDING IS EQUIPPED WITH A SEPARATE SWITCH OR OCCUPANCY SENSOR DEVICE FOR EACH WITH FLOOR-TO-CEILING WALLS.

[ ] UNIFORM REDUCTION FOR INDIVIDUAL ROOMS:
ALL ROOMS AND AREAS GREATER THAN 100 SQUARE FEET AND MORE THAN 1.2 WATTS PER SQUARE FOOT OF LIGHTING LOAD SHALL BE CONTROLLED WITH BI-LEVEL SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE ROOM.

[ ] DAYLIT AREA CONTROL:
ALL ROOMS WITH WINDOWS AND SKYLIGHTS, THAT ARE GRATER THAN 250 SQUARE FEET, AND THAT ALLOW FOR THE EFFECTIVE USE OF DAYLIGHT IN THE AREA SHALL HAVE 50% OF THE LAMPS IN EACH DAYLIT AREA CONTROLLED BY A SEPARATE SWITCH; OR THE EFFECTIVE USE OF DAYLIGHT THROUGH CANNOT BE ACCOMPLISHED BECAUSE THE WINDOWS ARE CONTINUOUSLY SHADED BY A BUILDING ON THE ADJACENT LOT. DIAGRAM OF SHADING DURING DIFFERENT TIMES OF YEAR IS INCLUDED ON PLANS.

[ ] CONTROL OF EXTERIOR LIGHTS:
EXTERIOR MOUNTED FIXTURES AND SERVED FROM THE ELECTRICAL PANEL INSIDE THE BUILDING ARE CONTROLLED WITH A DIRECTIONAL PHOTO CELL CONTROL ON THE ROOF AND A CORRESPONDING RELAY IN THE ELECTRICAL PANEL.

GENERAL REQUIREMENTS

1. THE REQUIREMENTS OF THE BASE BUILDING DIVISION 16 SPECIFICATIONS, THE GENERAL CONDITIONS OF THE CONTRACT, INSTRUCTIONS TO BIDDERS, AND ALL SUPPLEMENTAL TENANT SPECIFICATIONS FOR THIS PROJECT SHALL APPLY TO ALL WORK SHOWN ON EACH OF THE ELECTRICAL WORKING DRAWINGS UNLESS NOTED OTHERWISE. A COPY OF THE BASE BUILDING DIVISION 16 SPECIFICATIONS SHALL BE OBTAINED FROM THE CITY'S REPRESENTATIVE BY EACH CONTRACTOR BIDDING OR NEGOTIATING THIS PROJECT. SUPPLEMENTAL TENANT SPECIFICATIONS ARE ISSUED AS A PART OF THE BID DOCUMENTS. ALL NEW EQUIPMENT, DEVICES, CONDUIT AND ACCESSORIES SHALL BE FABRICATED, INSTALLED, SUPPORTED, INSULATED AND SEALED AS REQUIRED BY THE SPECIFICATIONS.

2. ALL WORK AND EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE LAWS, CODES, ETC., OF ALL AUTHORITIES HAVING JURISDICTION, THE STATE FIRE INSURANCE REGULATORY BODY, UNDERWRITERS LABORATORIES, IRI, FM, AND THE NATIONAL ELECTRICAL CODE. MODIFICATIONS REQUIRED BY THE ABOVE SAID AUTHORITIES SHALL BE MADE WITHOUT ADDITIONAL CHARGE TO THE TENANT. WHERE CONTRACT DOCUMENT REQUIREMENTS ARE IN EXCESS OF CODE REQUIREMENTS, THE CONTRACT DOCUMENTS SHALL GOVERN. DEVIATIONS FROM THE CONTRACT DOCUMENTS REQUIRED BY THE ABOVE AUTHORITIES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

3. WORK SHALL BE EXECUTED IN WORKMANLIKE MANNER AND SHALL INCLUDE ALL LABOR AND MATERIALS ESSENTIAL TO PROVIDE COMPLETE FUNCTIONING SYSTEMS DESCRIBED. IN CASES OF DOUBT AS TO HE WORK INTENDED, OR IN THE EVENT OF NEED FOR EXPLANATION THEREOF, THE CONTRACTOR SHALL REQUEST SUPPLEMENTARY INSTRUCTIONS FROM THE ENGINEER.

4. THE CONTRACTOR SHALL REVIEW THE SITE PRIOR TO BID SUBMISSION AND SHALL INCLUDE IN HIS BID THE COST OF REPLACEMENT, REPAIR, RELOCATION OR REMOVAL OF EXISTING ELECTRICAL ELEMENTS AS REQUIRED TO COMPLETE INSTALLATION OF ALL SYSTEMS SHOWN ON THESE DRAWINGS. ALL UNUSED EQUIPMENT SERVING THIS AREA SHALL BE REMOVED. SOME WORK SHOWN MAY REQUIRE PREMIUM TIME TO AVOID DISRUPTION OF POLICE OR FIRE DEPARTMENT ACTIVITIES AND ELECTRICAL SERVICES. CONTRACTOR SHALL CONFIRM THE REQUIREMENTS FOR PREMIUM TIME OR SPECIAL PROCEDURES WITH THE POLICE OR FIRE DEPARTMENT AND INCLUDE THE COST IN HIS BID PROPOSAL. THE CONTRACTOR, BY SUBMITTING HIS BID PROPOSAL AGREES TO ACCEPT ALL EXISTING SITE CONDITIONS NOT SPECIFICALLY EXCEPTED. ALL EXCEPTIONS SHALL BE PROVIDED IN WRITING TO THE ARCHITECT AND ENGINEER.

5. EXISTING ELECTRICAL EQUIPMENT TO REMAIN OR BE REUSED WITHIN OR SERVING THE SPACE WHICH IS DAMAGED OR DOES NOT COMPLY WITH THE SPECIFICATIONS SHALL BE RESTORED TO LIKE NEW CONDITION SUBJECT TO REVIEW BY THE ARCHITECT AND ENGINEER, OR SHALL BE REPLACED WITH NEW MATERIALS MEETING SPECIFICATION REQUIREMENTS. THE SYMBOL ("E") DESIGNATES EXISTING EQUIPMENT TO REMAIN.

6. EACH DIVISION 16 SUBCONTRACTOR SHALL PREPARE AND SUBMIT TO THE ARCHITECT FOUR BOUND BOOKLETS CONTAINING A COMPLETE LIST AND DESCRIPTION OF THE MATERIALS, SPECIALTIES AND EQUIPMENT HE INTENDS TO FURNISH FOR THE INSTALLATION. ALL PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE DESCRIBED IN THE SUBMITTALS.

7. A SET OF RECORD/COORDINATION DRAWINGS SHALL BE MAINTAINED IN THE GENERAL CONTRACTORS OFFICE AT THE JOB SITE CONSISTING OF REPRODUCIBLE SEPIAS OF THE ELECTRICAL CONSTRUCTION DRAWINGS (WITH THE ENGINEER'S NAME REMOVED). ACTUAL LOCATIONS OF ALL EQUIPMENT, AND ALL DEVIATIONS OF THE WORK FROM THAT SHOWN ON THE CONTRACT DOCUMENTS SHALL BE MARKED ON THE RECORD/COORDINATION DRAWINGS. EACH TRADE SHALL REVIEW THE COORDINATION DRAWING AND RESOLVE ANY POTENTIAL CONFLICTS WITH OTHER TRADES PRIOR TO INSTALLING ANY PORTION OF THEIR WORK. THE GENERAL CONTRACTOR SHALL SUBMIT THE RECORD/COORDINATION DRAWING TO THE ARCHITECT AND ENGINEER FOR REVIEW PRIOR TO FINAL ACCEPTANCE OF THE WORK.

8. NEW CONDUIT SHOWN ON DRAWINGS SHALL BE IN STALLED AS HIGH AS POSSIBLE. CONTRACTORS SHALL COORDINATE CONDUIT INSTALLATION WITH LIGHTING FIXTURES, SPECIAL CEILING CONSTRUCTION, AIR DISTRIBUTION EQUIPMENT, ETC., AND PROVIDE ADDITIONAL RISES, DROPS AND OFFSETS AS REQUIRED. IF INSTALLED, CONDUIT IS FOUND TO BE IN CONFLICT WITH ARCHITECTURAL MECHANICAL OR ELECTRICAL ELEMENTS WHICH ARE EITHER EXISTING OR SHOWN ON THE CONTRACT DOCUMENTS, THE CONDUIT SHALL BE RELOCATED WITHOUT ADDITIONAL COST.

9. CONTRACTOR SHALL REMOVE EXISTING FIRE ALARM HEAT DETECTORS IN ROOMS WHERE CEILING WILL BE REMOVED. REINSTALL A HEAT DETECTOR IN EACH ROOM AND REWIRE TO MATCH EXISTING. PROVIDE HEAT/SMOKE DETECTORS IN DORM ROOMS. PROVIDE MANUAL PULL STATIONS AT EXIT DOORS. CONTRACTOR SHALL SERVICE AND TEST SYSTEM. PROVIDE NEW BATTERY.

10. CONTRACTOR SHALL OBTAIN FROM THE CITY'S REPRESENTATIVE A COPY OF THE EXISTING ELECTRICAL PLANS E1 THROUGH E5 DATED 9/19/69 FOR REFERENCE ONLY.

11. CONTRACTOR SHALL OBTAIN SEPARATE TEMPORARY POWER SOURCE FROM PG&E FOR CONSTRUCTION POWER. EXISTING BUILDING SERVICE MAY NOT BE USED FOR CONSTRUCTION POWER. REFER TO SPECIFICATIONS.

ELECTRICAL LEGEND

	FLUORESCENT LIGHTING FIXTURE (SEE FIXTURE SCHEDULE)	A / C	LIGHTING FIXTURES–LETTERS OUTSIDE INDICATE FIXTURE TYPE. LETTERS INSIDE INDICATE OPERATING SWITCH
	LIGHTING FIXTURE CEILING MOUNTED (SEE FIXTURE SCHEDULE)		CONDUIT IN OR UNDER FLOOR
	LIGHTING FIXTURE WALL MOUNTED (SEE FIXTURE SCHEDULE)	C.O.	CONDUIT WITH PULLWIRE ONLY–SIZE AS SHOWN
	LIGHTING FIXTURE ON EMERGENCY AND/OR NIGHT LIGHTING CIRCUIT	LA-1	HOMERUN TO PANEL IN CONDUIT, PANEL AND CIRCUIT INDICATED. SEE PANEL SCHEDULE FOR SIZE OF CONDUCTORS.
	DOUBLE SIDED EXIT LIGHT (SFS)	CO	CLOCK OUTLET
	SINGLE SIDED EXIT LIGHT (SFS)	TC	TIME CLOCK
J	JUNCTION BOX (CONCEALED ABOVE CEILING)	S	SOUND SYSTEM SPEAKER OUTLET
J	JUNCTION BOX (SURFACE MOUNTED)		INTERCOM STATION
$	TOGGLE SWITCH – SINGLE POLE		MOTOR
$3	TOGGLE SWITCH – THREE WAY	M 1	MOTOR CONTROLLER WITH NEMA SIZE INDICATED
$M	MANUAL MOTOR CONTROLLER WITH OVERLOAD PROTECTION		COMBINATION MOTOR CONTROLLER/ CIRCUIT BREAKER
$S	SPST LIGHT SWITCH–LETTER DENOTES FIXTURES TO BE CONTROLLED		FUSED OR NON–FUSED DISCONNECT SWITCH
	DIMMER SWITCH	B	CIRCUIT BREAKER IN NEMA 1 ENCLOSURE
	MULTI–OUTLET STRIP (PLUGMOLD)		CONTROL PANEL UNDER ANOTHER DIVISION–FURNISHED WITH EQUIPMENT
	QUADPLEX RECEPTACLE–FLUSH MOUNTED	M	ELECTRICAL SERVICE METER
	DUPLEX RECEPTACLE–FLUSH MOUNTED	GFI	GROUND FAULT INTERRUPTER
	DUPLEX RECEPTACLE–SURFACE MOUNTED		LOW VOLTAGE PANELBOARD–SURFACE MOUNTED
	SPECIAL RECEPTACLE		POWER TRANSFORMER
+42	FLOOR MOUNTED RECEPTACLE	A	AUTOMATIC TRANSFER SWITCH
	HEIGHT IN INCHES ABOVE FINISHED FLOOR	C	CONTACTOR
	WEATHERPROOF DEVICE	PC	PHOTOSWITCH
I	IONIZATION TYPE SMOKE DETECTOR		FUSE
R	RATE OF RISE DETECTOR		CIRCUIT BREAKER
H	FIRE ALARM HORN		GROUND
M	FIRE ALARM MANUAL PULL STATION		NORMALLY OPEN CONTACT
F ▷	FIREMANS TELEPHONE JACK		NORMALLY CLOSED CONTACT
F ▶	FIREMANS TELEPHONE JACK W/HANDSET		SINGLE–POLE, SINGLE–THROW SWITCH
M	MONITOR FOR SUPERVISED VALVES	S	FIRE ALARM STROBE
DGP	DATA GATHERING PANEL	HS	FIRE ALARM COMBINATION HORN/STROBE
HIL	HIGH LEVEL ALARM		VOICE/DATA WALL OUTLET
LOL	LOW LEVEL ALARM		FLOOR TELEPHONE OUTLET ON FLUSH WATERTIGHT FLOOR BOX
OFL	OVERFLOW ALARM		WALL DATA OUTLET. SINGLE GANG BOX WITH 3/4" CONDUIT WITH PULL STRING BACK TO ROOM 217.
W	WATER FLOW SWITCH	R	RELAY/POWERPACK FOR CEILING MOUNTED MOTION SWITCH
	WALL TELEPHONE OUTLET. SINGLE GANG BOX WITH 3/4" CONDUIT WITH PULL STRING BACK TO TELEPHONE SWITCH.		
	WALL MOUNTED MOTION SWITCH		
	CEILING MOUNTED MOTION SWITCH		

ELECTRICAL DRAWINGS

DWG NO.	DESCRIPTION
E1	ELECTRICAL GENERAL NOTES AND LEGEND
E2	ELECTRICAL SITE PLAN
E3	ELECTRICAL DEMOLITION PLAN
E4	FIRST FLOOR ELECTRICAL LIGHTING PLAN
E5	SECOND FLOOR ELECTRICAL LIGHTING PLAN
E6	FIRST FLOOR ELECTRICAL POWER PLAN
E7	SECOND FLOOR ELECTRICAL POWER PLAN
E8	ELECTRICAL DETAILS AND PANEL SCHEDULES

REGISTERED PROFESSIONAL ENGINEER DAVID W. HOLLAS No. 12355 Exp. 7-99 ELECTRICAL STATE OF CALIFORNIA

AS BUILT DRAWING FEB 17,1999

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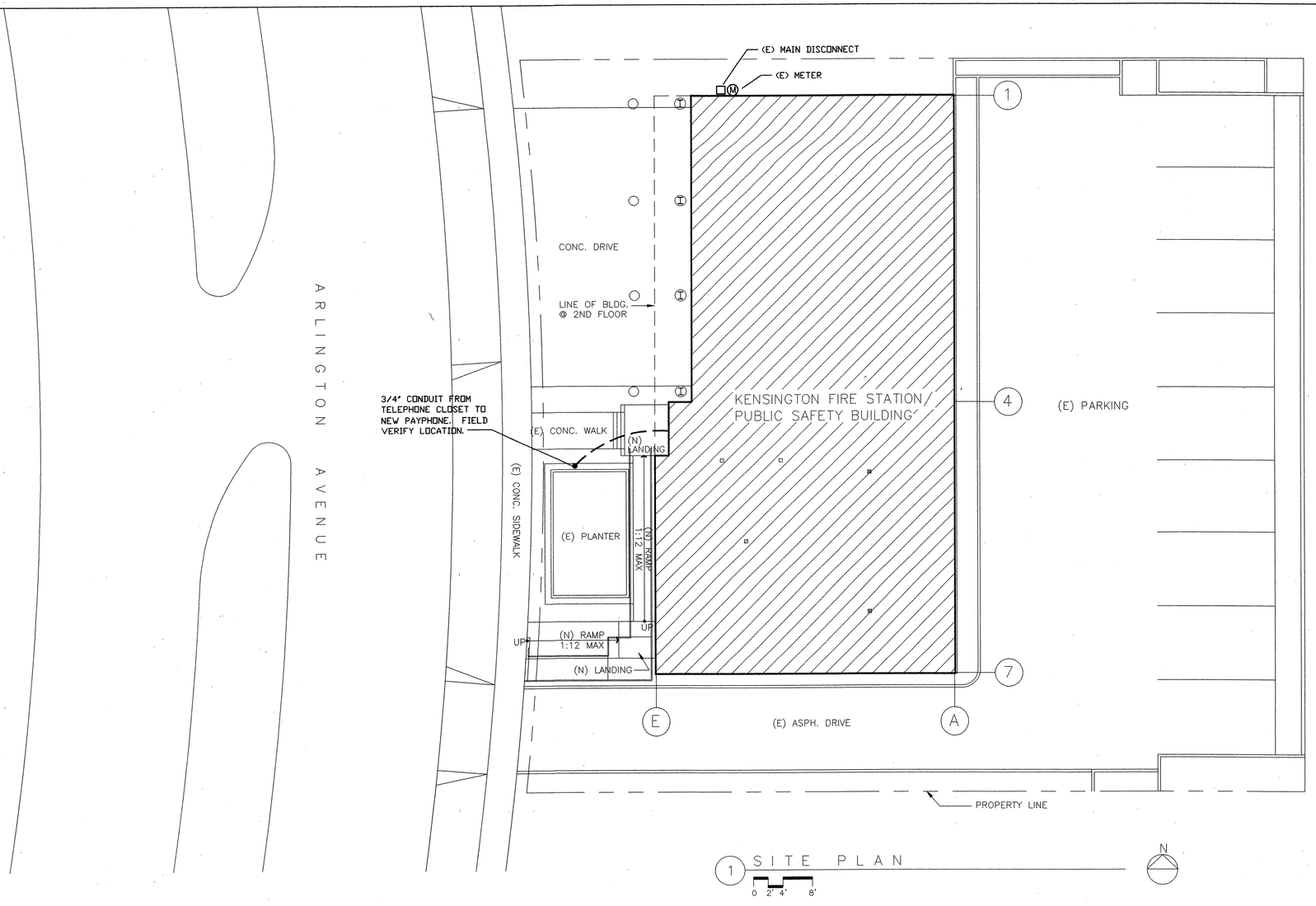
PERMIT SUBMITTAL

ELECTRICAL GENERAL NOTES, LEGEND, & TITLE 24

DATE: 10 SEP 98
JOB: 352-2-10
DRAWN:

E1



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PERMIT SUBMITTAL

ELECTRICAL
SITE PLAN

DATE: 10 SEP 98

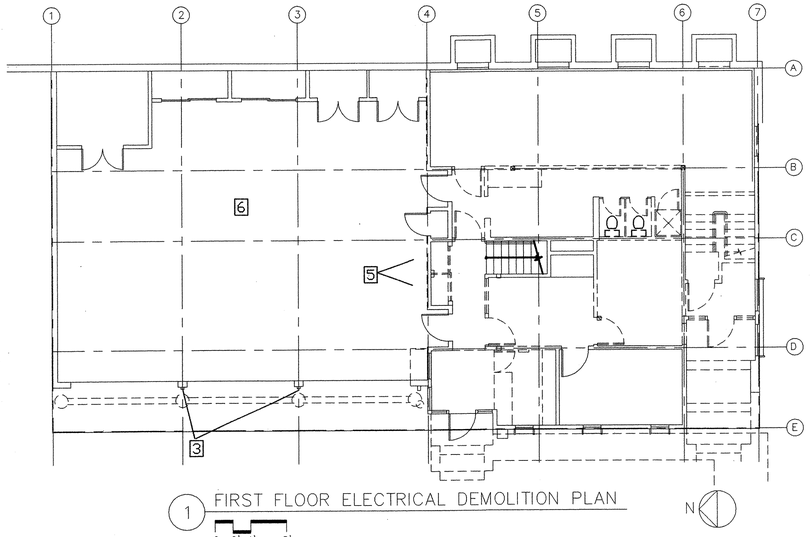
JOB: 352-2-10

DRAWN:

REGISTERED PROFESSIONAL ENGINEER
DAVID W. BOLES
No. 12359
Exp. 3-31-9
ELECTRICAL
STATE OF CALIFORNIA

AS-BUILT DRAWING FEB 17, 1999

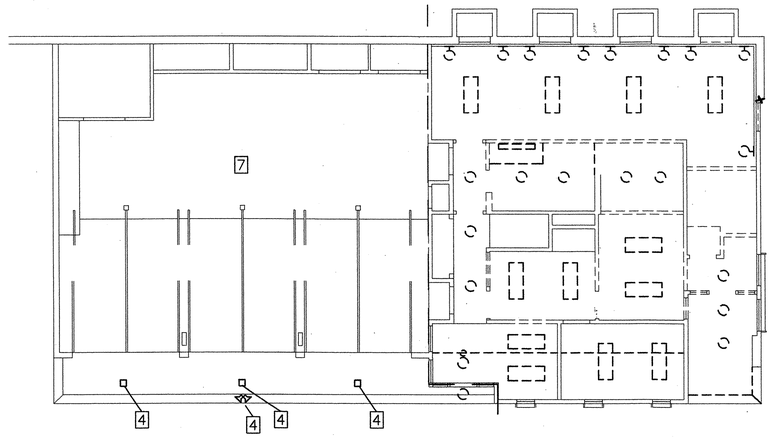
E2



1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN

0 2' 4' 8'

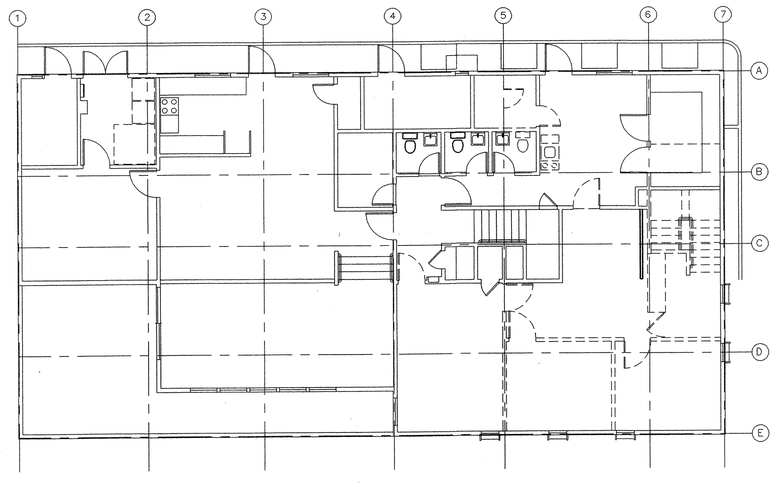
N



2 FIRST FLOOR ELECTRICAL LIGHTING DEMO PLAN

0 2' 4' 8'

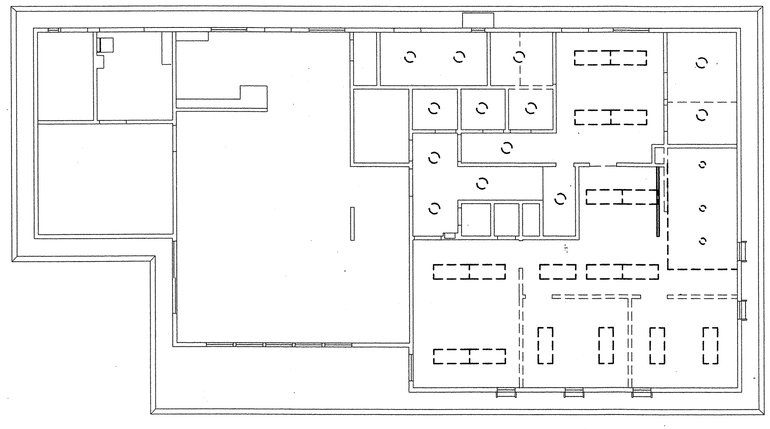
N



3 SECOND FLOOR ELECTRICAL DEMOLITION PLAN

0 2' 4' 8'

N



4 SECOND FLOOR ELECTRICAL LIGHTING DEMO PLAN

0 2' 4' 8'

N

NOTES:

1. REFER TO E1 FOR GENERAL NOTES AND LEGEND.
2. REFER TO ARCHITECTURAL PLANS FOR WALLS AND CEILINGS TO BE REMOVED. DISCONNECT AND REMOVE ELECTRICAL DEVICES IN THOSE AREAS. STORE ITEMS TO BE REUSED. FIELD VERIFY.
3. EXISTING DOOR CONTROLS SHALL BE REMOVED, SALVAGED AND REINSTALLED AFTER STRUCTURAL UPGRADE. MATCH EXISTING WIRING.
4. EXISTING SIRENS AND LIGHT FIXTURES SHALL BE REMOVED, SALVAGED AND REINSTALLED AFTER STRUCTURAL UPGRADE. MATCH EXISTING WIRING
5. EXISTING DOOR OPERATOR SWITCH AND SPEAKER/CLOCK/BELL ENCLOSURE SHALL BE REMOVED, SALVAGED AND REINSTALLED AFTER STRUCTURAL UPGRADE.
6. REMOVE EXISTING ELECTRICAL ITEMS IN APPARATUS CEILING AREA AS REQUIRED FOR STRUCTURAL UPGRADE. REPLACE OR REINSTALL AFTER STRUCTURAL UPGRADE.
7. EXISTING LIGHTING FIXTURES IN APPARATUS AREA SHALL BE REMOVED, CLEANED, STORED, RELAMPED AND REINSTALLED AFTER STRUCTURAL UPGRADE.
8. DISCONNECT AND REMOVE WIRING FOR MECHANICAL EQUIPMENT TO BE REMOVED. COORDINATE WITH MECHANICAL CONTRACTOR.

AS BUILT DRAWING FEB 17,1999

REGISTERED PROFESSIONAL ENGINEER DAVID W. HOLMES No. 12358 ELECTRICAL STATE OF CALIFORNIA

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PERMIT SUBMITTAL

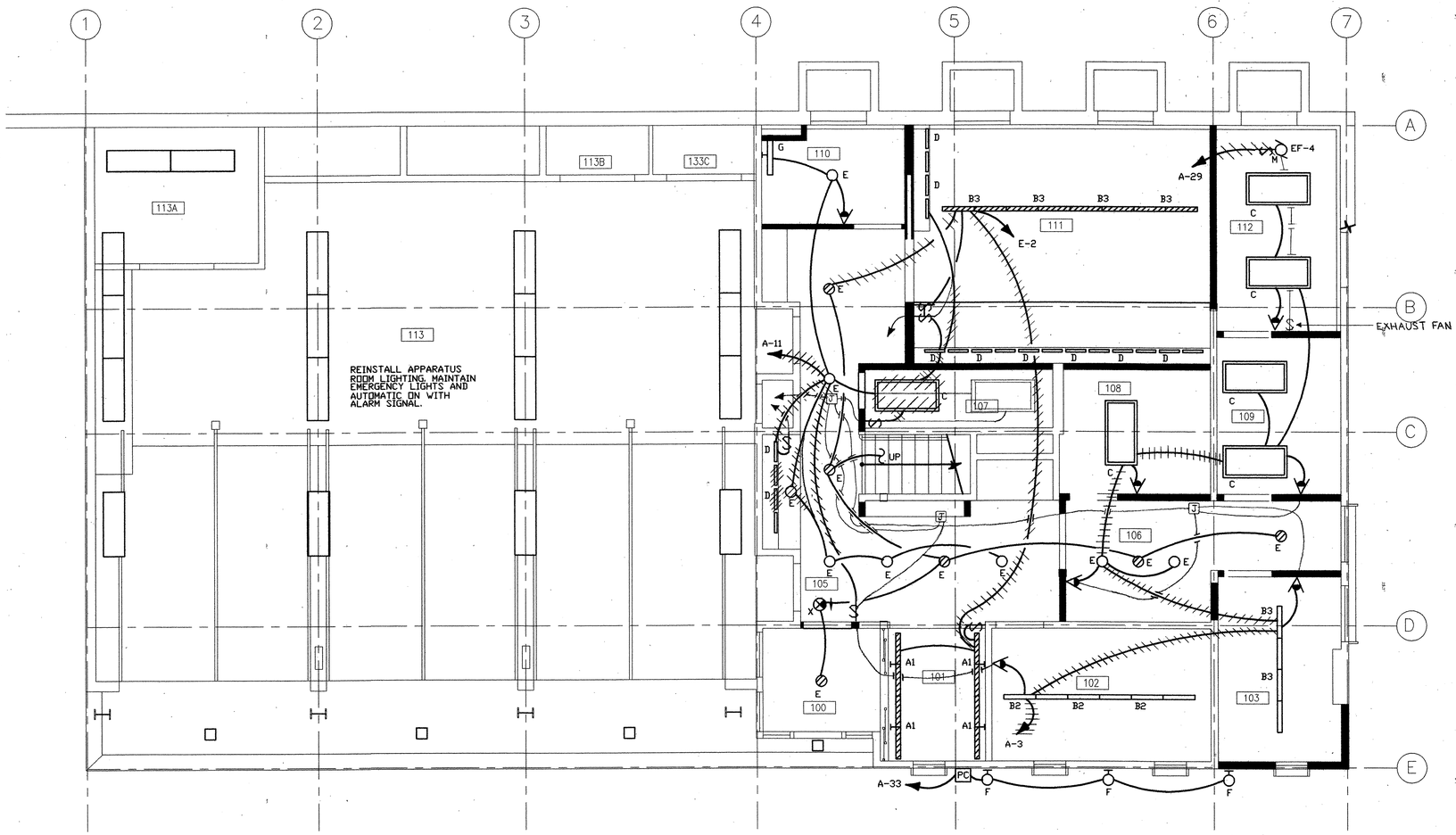
ELECTRICAL DEMOLITION PLAN

DATE: 10 SEP 98

JOB: 352-2-10

DRAWN:

E3



1 FIRST FLOOR ELECTRICAL LIGHTING PLAN

0 1' 2' 4'

N

NOTES:

1. REFER TO E1 FOR GENERAL NOTES LEGEND AND DETAILS.
2. REFER TO ARCHITECTURAL PLANS FOR EXACT FIXTURE LOCATIONS AND CEILING TYPE.

AS-BUILT DRAWING FEB 17,1999

REGISTERED PROFESSIONAL ENGINEER DAVID HOLLAND No. 12335 Exp. 3-31-9 ELECTRICAL STATE OF CALIFORNIA

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PUBLIC SAFETY BUILDING RENOVATION
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KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

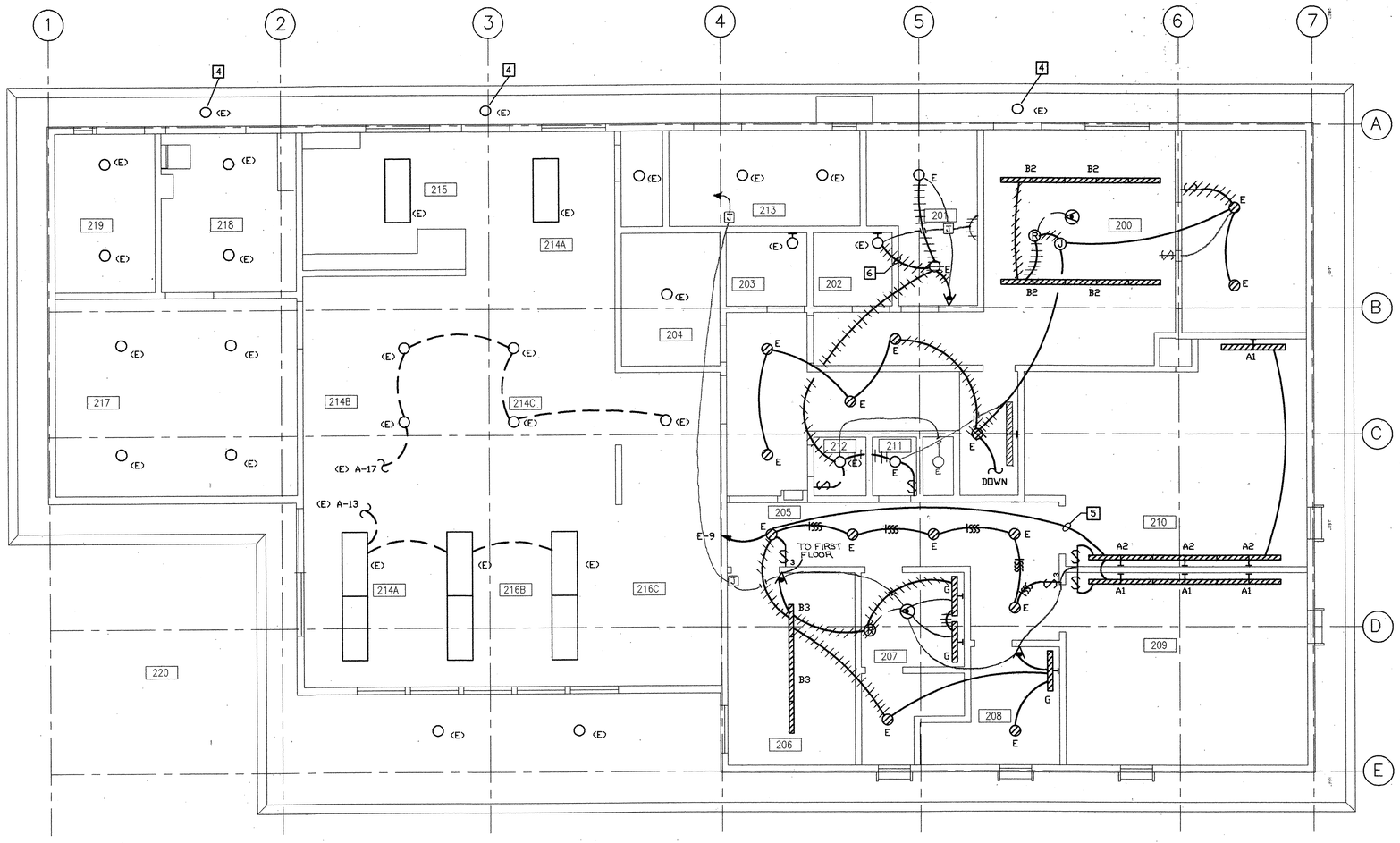
FIRST FLOOR ELECTRICAL LIGHTING PLAN

DATE: 10 SEP 98

JOB: 352-2-10

DRAWN:

E4



1 SECOND FLOOR ELECTRICAL LIGHTING PLAN

0 1' 2' 4'

N

AS BUILT DRAWING FEB 17,1999

NOTES:

1. REFER TO E1 FOR GENERAL NOTES AND LEGEND.
2. REFER TO ARCHITECTURAL PLANS FOR EXACT FIXTURE LOCATIONS.
3. EXISTING FIXTURES MAY REQUIRE REINSTALLATION AND/OR RECIRCUITING DUE TO DEMOLITION OR TO PRODUCE SWITCHING INDICATED.

4. FIXTURES SHALL BE CLEANED, RELAMPED AND RENDERED SERVICEABLE PRIOR TO TEMPORARY POLICE OCCUPANCY.

5. LIGHTING FIXTURES IN FIRE DEPT. DORMS SHALL BE PROVIDED WITH EMERGENCY POWER AND WIRED THROUGH ALARM CONTACT PARALLEL TO SWITCHING SO THEY WILL COME ON DURING AN ALARM. REFER TO EXISTING PLANS.

6. TIE TO EXISTING 120V, 20A LIGHTING CIRCUIT. FIELD VERIFY.

REGISTERED PROFESSIONAL ENGINEER DAVID W. PINNELL No. 12359 Exp. 3-31-9 ELECTRICAL STATE OF CALIFORNIA

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PERMIT SUBMITTAL

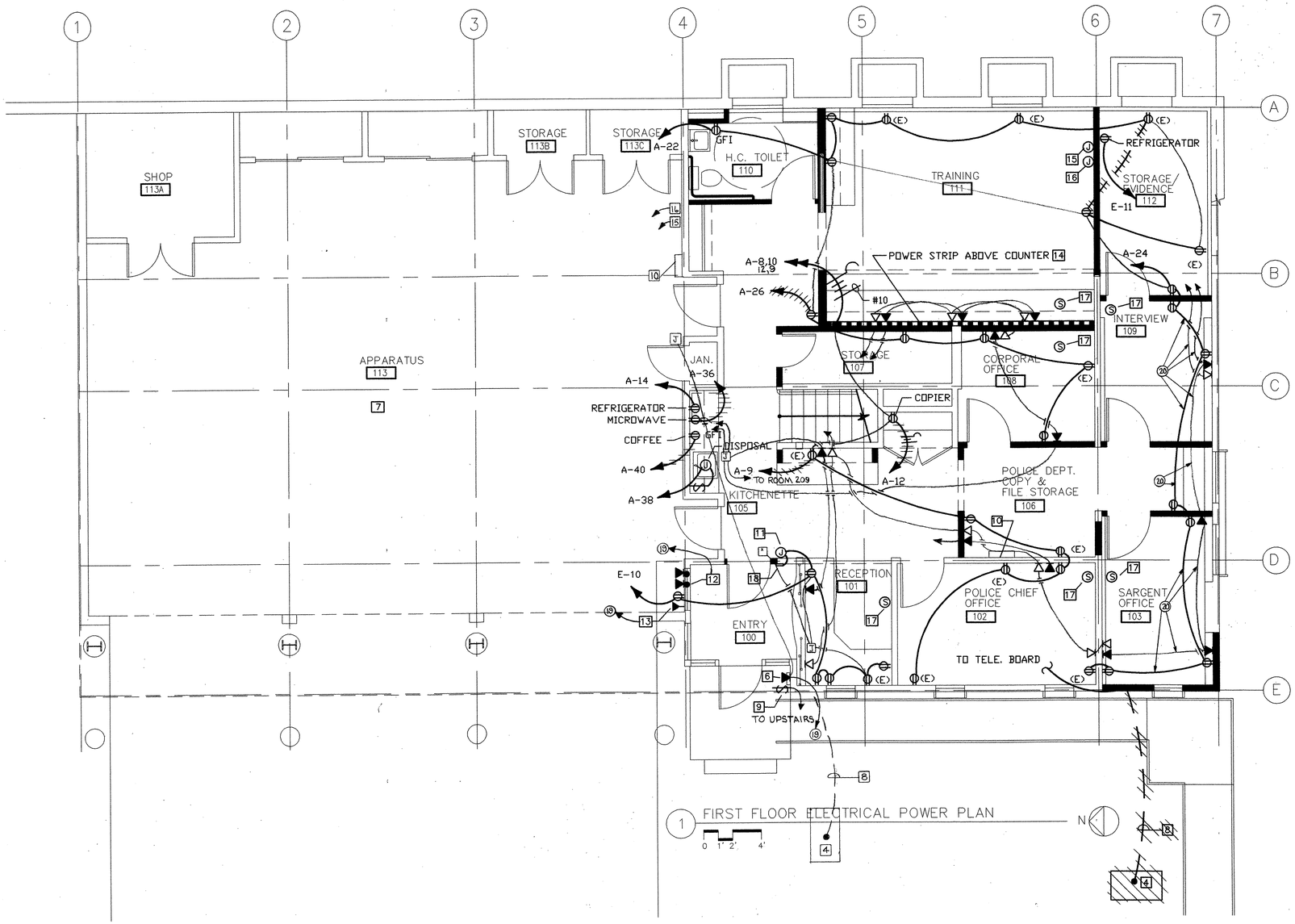
SECOND FLOOR ELECTRICAL LIGHTING PLAN

DATE: 10 SEP 98

JOB: 352-2-10

DRAWN:

E5



ADDITIONAL NOTES

⑲ TO TELEPHONE JUCTION BOX

⑳ UNDERGROUND

AS-BUILT DRAWING
FEB 17,1999

NOTES:

1 REFER TO PLAN E1 FOR GENERAL NOTES & LEGEND.

2 REFER TO ARCHITECTURAL PLANS FOR EXACT DEVICE LOCATIONS.

3 RECEPTACLES INDICATED AS EXISTING WILL REQUIRE REWIRING AS INDICATED.

4 NEW FREE STANDING PUBLIC PHONE. FIELD VERIFY LOCATION.

5 REINSTALL ALARM, KEYPADS, ETC. SEE DEMO DRAWINGS

6 NEW 1/2" TELEPHONE CONDUIT TO SECOND FLOOR TERMINAL BOARD. PROVIDE AND INSTALL ADA COMPLIANT TALK-A-PHONE #ETP-160E HANDS FREE SPEAKER/PHONE WITH DIRECT LINE TO POLICE DISPATCH

7 EXISTING RECEPTACLES IN APPARATUS AREA SHALL BE IN SERVICE AFTER STRUCTURAL UPGRADE. REWIRE AS REQUIRED.

8 NEW 3/4" CONDUIT FROM PAY TELEPHONE TO EXISTING SECOND FLOOR TELEPHONE PUNCH BLOCKS. BURY 36" BELOW GRADE. FIELD VERIFY ROUTING.

9 DOORBELL. PROVIDE 200W, 120/24V TRANSFORMER.

10 DOORBELL RINGER. CLASS II WIRING TO 24V PUSH BUTTON.

11 ELECTRIC STRIKE

12 TWO 3/4" CONDUITS TO WITH PULL WIRE UP TO ROOM 214C.

13 1/2" CONDUIT TO PBX IN ROOM 217.

14 PLUGMOLD SHALL BE WIREMOLD NM2000 SERIES WITH DUPLEX OUTLETS 18"O.C. WITH GBA TWO CIRCUIT ALTERNATE WIRING.

15 PROVIDE COAX CONNECTION TO (E) SATELLITE DISH.

16 PROVIDE CABLE TV OUTLET AND COAX CONNECTION.

17 PROVIDE CEILING FLUSH-MOUNTED 8" ROUND SPEAKER WITH ADJUSTABLE VOLUME CONTROL AND BACKBOX. CONNECT TO POLICE SCANNER IN SECOND FLOOR SQUAD ROOM.

18 KEYPAD ENTRY

REGISTERED PROFESSIONAL ENGINEER DAVID N. TRUE No. 12755 Exp. 3-31-99 ELECTRICAL STATE OF CALIFORNIA

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KENSINGTON, CALIFORNIA 94707

PERMIT SUBMITTAL

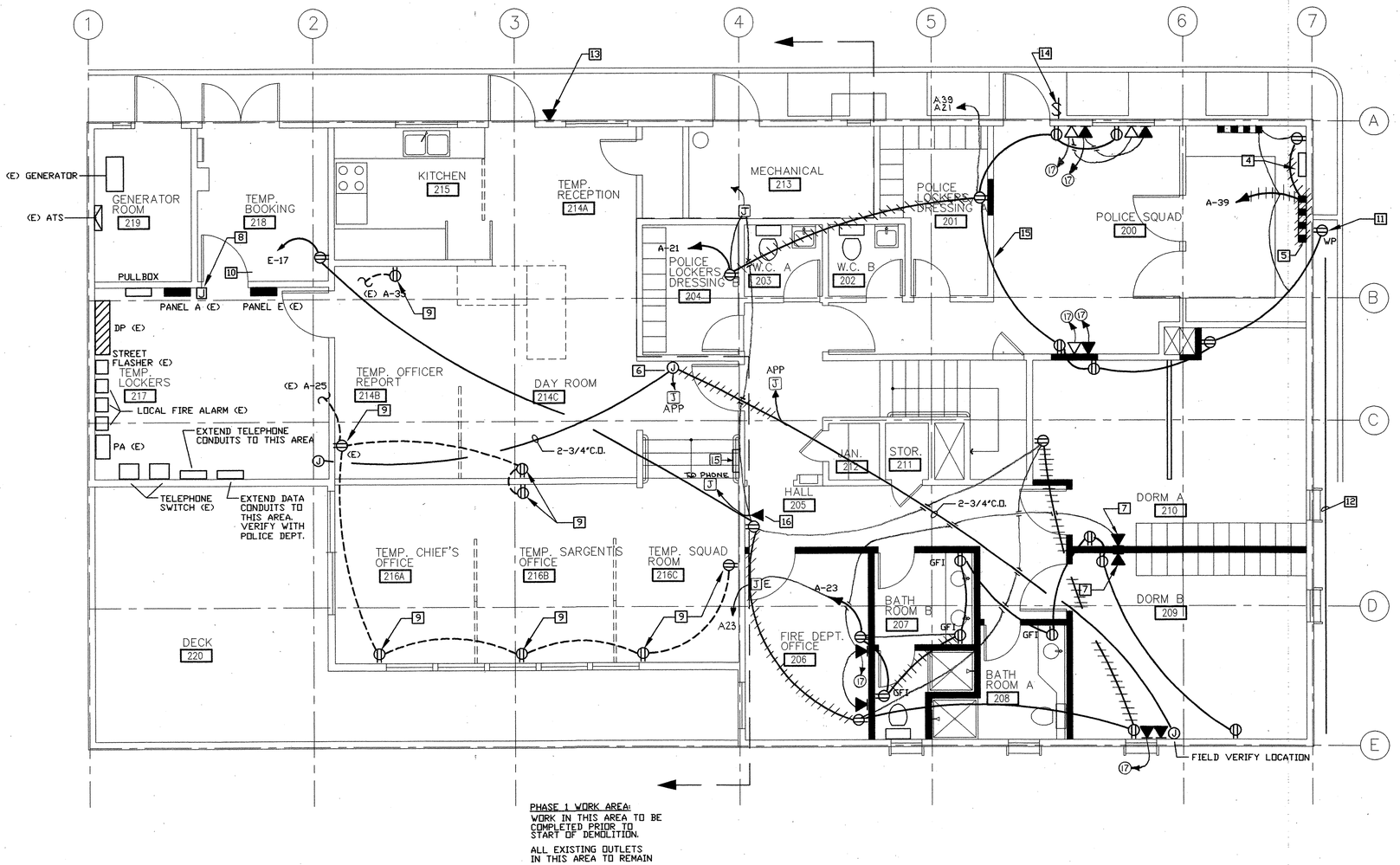
FIRST FLOOR ELECTRICAL POWER PLAN

DATE: 10 SEP 98

JOB: 352-2-10

DRAWN:

E6



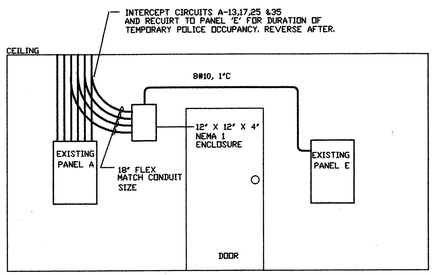
PHASE 1 WORK AREA:
WORK IN THIS AREA TO BE COMPLETED PRIOR TO START OF DEMOLITION.

ALL EXISTING OUTLETS IN THIS AREA TO REMAIN

1 SECOND FLOOR ELECTRICAL POWER PLAN

0 1' 2' 4'

N



NOTE: 1. FIELD VERIFY EXACT LOCATIONS.

2 TEMPORARY OCCUPANCY PROVISIONS

ADDITIONAL NOTE
⑰ TO FIRST FLOOR

AS BUILT DRAWING
FEB 17,1999

NOTES

1. REFER TO PLAN E1 FOR GENERAL NOTES AND LEGEND.
2. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF ALL RECEPTACLES AND OUTLETS.
3. CONTRACTOR SHALL VERIFY ALL EXISTING OUTLETS ARE FUNCTIONAL AFTER CONSTRUCTION.

4 PROVIDE SPEAKER WIRING FROM POLICE SCANNER TO POLICE AREAS BELOW. SEE PLAN E6.

5 PROVIDE PLUGMOLD #20GB306 IN CASEWORK FOR BATTERY CHARGERS.

6 TWO 3/4" CONDUITS FROM APPARTUS ROOM BELOW.

7 WALL PHONE AT +60" A.F.F.

8 TEMPORARY JUNCTION BOX. REFER TO DETAIL 02.

9 EXISTING RECEPTACLE TO BE TEMPORARILY RECIRCUITED TO STANDBY POWER PANEL E FOR TEMPORARY POLICE OCCUPANCY. REVERSE AFTER POLICE OCCUPANCY.

10 NEW RECEPTACLE FOR TEMPORARY EVIDENCE REFRIGERATOR. CAP AFTER TEMPORARY OCCUPANCY.

11 NEW WEATHER PROOF (NEMA 3R) RECEPTACLE. RECEPTACLE SHALL REMAIN ACTIVATED THROUGHOUT TEMPORARY POLICE OCCUPANCY FOR MALIBU LIGHTS.

12 PROVIDE AND INSTALL UL LISTED MALIBU LOW VOLTAGE BOLLARDS.

13 NEW 1/2" TLEPHONE CONDUIT TO SECOND FLOOR TERMINAL BOARD. PROVIDE AND INSTALL ADA COMPLIANT TALK-A-PHONE #ETP-160E HANDS FREE SPEAKER/PHONE WITH DIRECT LINE TO POLICE STATION.

14 DOORBELL TO RING TO ROOMS 106 AND 200.

15 DOORBELL RINGER. CLASS II WIRING INTO 24V PUSH BUTTON.

16 1/2"C WITH PULL WIRE TO PBX IN ROOM 217.

REGISTERED PROFESSIONAL ENGINEER DAVID W. WONG No. 12659 Exp 3/99 ELECTRICAL STATE OF CALIFORNIA

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PERMIT SUBMITTAL

SECOND FLOOR ELECTRICAL POWER PLAN

DATE: 10 SEP 98
JOB: 352-2-10
DRAWN:

E7

PANEL DP

1 PHASE, 3 WIRE 120/240V
400 AMP BUS

VOLT AMPS	WIRE SIZE	SERVING	3P-225A				SERVING	WIRE SIZE	VOLT AMPS
		HF-1 (E)	1P-20	1	2	1P-20	EXHAUST FANS 1-6 (E)		
		HF-2 (E)	1P-20	3	4	1P-20	UNIT HEATER (E)		
		HF-3 (E)	1P-20	5	6	1P-20	DISPOSAL (E)		
		SPARE	1P-20	7	8	1P-20	DISHWASHER (E)		
		HOSE DRYER (E)	2P-	9	10	1P-20	A/C POLICE (E)		
			30	11	12	1P-20	COMPUTER (E)		
		AC FIRE DEPT. (E)	2P-	13	14		SPACE		
			40	15	16		SPACE		
		AC POLICE DEPT. (E)	2P-	17	18	2P	EXISTING		
			40	19	20	20			
				21	22	2P	ATS (E)		
		SPACE		23	24	90			
		SPACE		25	26				
				27	28				
				29	30				

PANEL A

3 PHASE, 4 WIRE 120/208V
225 AMP BUS

VOLT AMPS	WIRE SIZE	SERVING					SERVING	WIRE SIZE	VOLT AMPS
		REEL CORDS (E)	1P-20	1	2	1P-20	SPARE		
	#12	LIGHTS	1P-20	3	4	1P-20	SPARE		
	#12	RECEPTACLES-ROOF	1P-20	5	6	1P-20	SPARE		
	#12	EXHAUST/SUPPLY FANS	1P-20	7	8	1P-20	PLUG STRIP	#10	
	#12	RECEPT-RM 102,105,106	1P-20	9	10	1P-20	PLUG STRIP	#10	
	#12	LIGHTS	1P-20	11	12	1P-20	COPIER	#10	
		LTS. DAYROOM (E)	1P-20	13	14	1P-20	REFRIGERATOR	#12	
		LTG KIT,MECH,TOILET(E)	1P-20	15	16	1P-20	LTS. SHOP (E)		
		LTS. DAYRM. KITCHEN(E)	1P-20	17	18	1P-20	LTG APPAR. DOOR (E)		
		LTS. EXT. & HOSE RM.(E)	1P-20	19	20	1P-20	RECEPTACLES (E)		
	#12	RECEPTACLES	1P-20	21	22	1P-20	RECEPTACLES	#12	
	#12	RECEPTACLES	1P-20	23	24	1P-20	RECEPTACLES	#12	
		RECEPT. DAYROOM (E)	1P-20	25	26	1P-20	RECEPTACLES	#12	
		RECEPTACLES (E)	1P-20	27	28	1P-20	RECEPT. SHOP (E)		
	#12	EF-4	1P-20	29	30	1P-20	RECEPT. SHOP (E)		
		RECEPTACLES (E)	1P-20	31	32	1P-20	RECEPT. APPAR. R (E)		
	#12	OUTDOOR LIGHTING	1P-20	33	34	1P-20	RECEPT. APPAR. R (E)		
		RECEPTACLES (E)	1P-20	35	36	1P-20	MICROWAVE	#12	
		RECEPTACLES (E)	1P-20	37	38	1P-20	DISPOSAL	#12	
	#12	PLUG STRIP	1P-20	39	40	1P-20	COFFEE	#12	
		SPARE	1P-20	41	42	1P-20	LTS. EXTERIOR (E)		

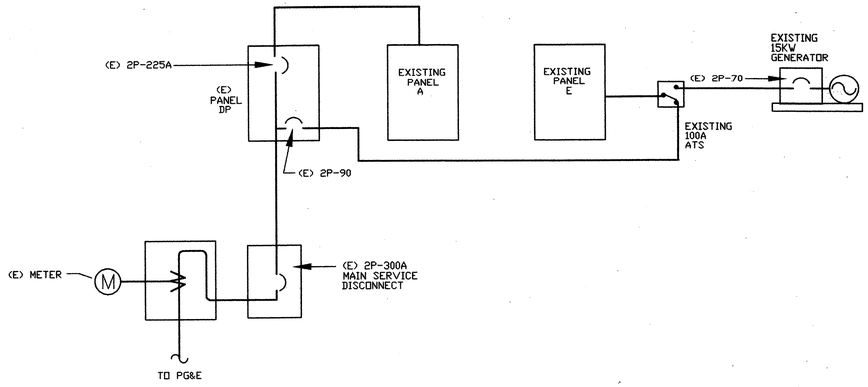
PANEL E

1 PHASE, 3 WIRE 120/240V
100 AMP BUS

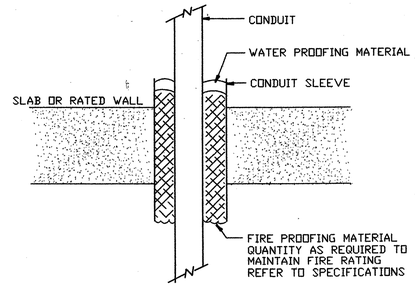
VOLT AMPS	WIRE SIZE	SERVING					SERVING	WIRE SIZE	VOLT AMPS
		OVERHEAD DOOR 1&2(E)	1P-20	1	2	1P-20	EMERGENCY LIGHTS	#10	
		OVERHEAD DOOR 3 (E)	1P-20	3	4	1P-20	EQUIPMENT (E)		
		LIGHTS (E)	1P-20	5	6	1P-20	EQUIPMENT (E)		
		TELEPHONE RECEPTS.(E)	1P-20	7	8	1P-20	CONTROL (E)		
	#10	EMERGENCY LIGHTS	1P-20	9	10	1P-20	EMERG. RECEPTACLES	#12	
	#12	REFRIGERATOR/RECEPT	1P-20	11	12	1P-20	FIRE ALARM PANEL (E)		
		GEN. BATT. CHARGER(E)	1P-20	13	14	1P-20	LIGHTS (E)		
		E.C. FIRE LINE (E)	1P-20	15	16	2P-	APPARATUS EXHAUST(E)		
	#10	EMERG. RECEPTACLES	1P-20	17	18	30			
				19	20				
				21	22				
				23	24				
				25	26				
				27	28				
				29	30				

LIGHTING FIXTURE SCHEDULE

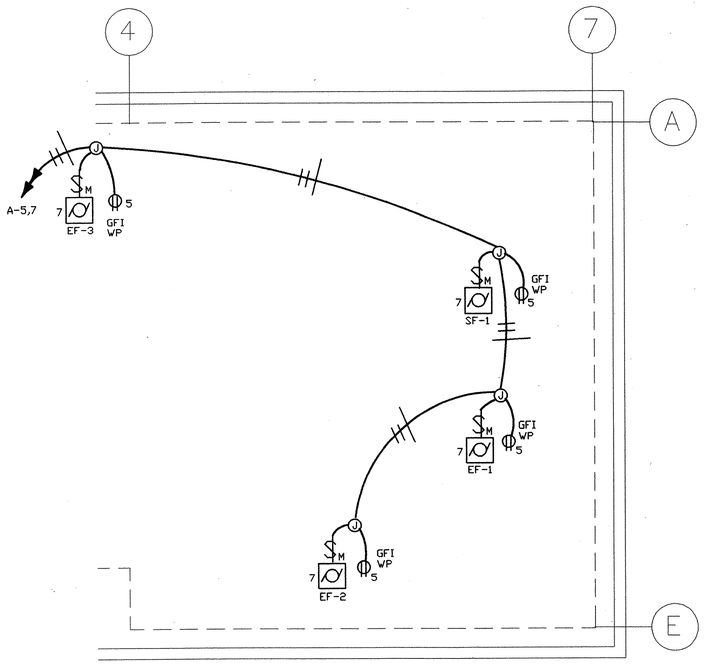
MARK	MANUFACTURER & CATALOG NO.	MOUNTING	LAMPS #	LAMPS WATTS	LAMPS TYPE	VOLTS	REMARKS
A1	PEERLESS EN1-010005	WALL	1	32	F32T8 SP35	120	9 X 3 ROUNDED INDIRECT FLUOR.
A2	PEERLESS EN1-020006	WALL	2	32	F32T8 SP35	120	9 X 3 ROUNDED INDIRECT FLUOR.
B2	PEERLESS EN1-320901	PENDANT	2	32	F32T8 SP35	120	8 X 3 ROUNDED INDIRECT FLUOR.
B3	PEERLESS EN1-330904	PENDANT	3	32	F32T8 SP35	120	8 X 3 ROUNDED INDIRECT FLUOR.
C	TO MATCH EXISTING	SURFACE	3	32	F32T8 SP35	120	2 X 4 WRAPAROUND DIRECT FLUORESCENT
D	ALKCO SFHP-113	SURFACE	1	13	F13T5	120	UNDER CABINET TASK LIGHT
E	PRESCOLITE #CFR826EB-492	RECESSED	2	26	QUAD	120	COMPACT FLUORESCENT DOWNLIGHT
F	SHAPER 673-WP-18-CF1/27-120-CC-HTB (SATIN CHROME)	WALL	1	27	F27TT	120	LUMINOUS HALF CYLINDER EXTERIOR LIGHT
G	SHAPER 605-36-CF-120-SC-TB	WALL	2	39	F39TT	120	VANITY FIXTURE
X	LITHONIA LQM-S-W-1-G-120	CEILING			LED	120	SINGLE FACED EXIT SIGN W/ARROWS AS INDICATED



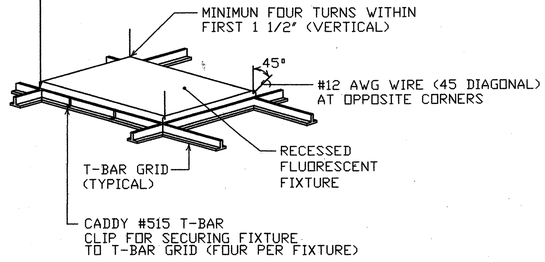
1 EXISTING ELECTRICAL DISTRIBUTION
NOT TO SCALE



3 PENETRATION DETAIL
NOT TO SCALE



2 ELECTRICAL ROOF PLAN
NOT TO SCALE



4 LIGHTING FIXTURE SUPPORT DETAIL
NOT TO SCALE

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ELECTRICAL DETAILS AND PANEL SCHEDULES

DATE: 10 SEP 98
JOB: 352-2-10
DRAWN:

E8

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No. E 7355
Exp 3-00
ELECTRICAL
STATE OF CALIFORNIA

AS BUILT DRAWING
FEB 17,1999