PRESENTATION FACULTY HOUSING

UNIVERSITY OF CALIFORNIA, BERKELEY

EXISTING BUILDING

SYMBOLS

- MODULE REFERENCE GRID LINE, COLUMN CENTER LINE
- ROOM NUMBER (209)
- CEILING HEIGHT (8'-0")
- FINISH GROUP - SEE ROOM FINISH SCHEDULE (7)
- DETAIL NUMBER (14)
- SHEET NUMBER (A4.1)
- WORK POINT OR REFERENCE POINT
- SECTION OR ELEVATION NUMBER (A)
- SHEET NUMBER WHERE DRAWN (A2.1)
- INTERIOR & EXTERIOR WALL TYPE (SEE PARTITION SCHED.) (A)
- EXTERIOR ELEVATION NUMBER/SHEET NUMBER WHERE DRAWN (2/A2.1)
- WINDOW TYPE (SEE WINDOW, LOUVER SCHEDULE) (3)
- DOOR NUMBER (SEE DOOR SCHEDULE) (114)
- DIMENSION LINE (1'-0")
- HANDICAPPED CLEARANCE CIRCLE
- INTERIOR ELEVATION NUMBER/SHEET NUMBER/LETTER VIEW (1/A5.1; A, B, C, D)

ABBREVIATIONS

&	And
∠	Angle
@	At
℄	Centerline
ø	Diameter or Round
#	Pound or Number
[	Channel
A.B.	Anchor Bolt
A.C.	Asphaltic Concrete or Alternating Current
A/C	Air Conditioning
ACOUS.	Acoustical
ACP.	Asbestos Cement Pipe
A.D.	Area Drain
ADJ.	Adjustable
A.F.F.	Above Finish Floor
AGGR.	Aggregate
ALT.	Alternate
ALUM.	Aluminum
APPROX.	Approximate
ARCH.	Architectural
ASPH.	Asphalt
BD.	Board
BITUM.	Bituminous
BLDG.	Building
BLK.	Block
BLKG.	Blocking
BM.	Beam
BOT.	Bottom
B.R.	Bedroom
B.O.	Bottom Of
CAB.	Cabinet
C.B.	Catch Basin
CEM.	Cement
CER.	Ceramic
C.I.	Cast Iron
CLG.	Ceiling
CLO.	Closet
CLR.	Clear
C.M.U.	Concrete Masonry Unit
C.O.	Clean-out
COL.	Column
CONC.	Concrete
CONN.	Connection
C.J.	Construction Joint
CONSTR.	Construction
CONT.	Continuous
CORR.	Corridor
C.T.	Ceramic Tile
CTSK.	Countersunk
CNTR.	Counter
CPT.	Carpet
C.R.	Cold Rolled
CTR.	Center

DBL.	Double
DD.	Deck Drain
DET.	Detail
DIA.	Diameter
DIM.	Dimension
DN.	Down
D.O.	Door Opening
DR.	Door
DWR.	Drawer
DS.	Downspout
DWG.	Drawing
D.F.	Douglas Fir
DR.F.	Drinking Fountain
E.	East
EA.	Each
E.I.F.S.	Exterior Insulation Finishing System
EL.	Elevation
ELEC.	Electrical
ELEV.	Elevator (or Elevation)
EMER.	Emergency
ENCL.	Enclosure
E.P.	Electrical Panelboard
EQ.	Equal
EQPT.	Equipment
E.W.C.	Electric Water Cooler
EXP.	Exposed
EXP.	Expansion
EXP.JT.	Expansion Joint
EXT.	Exterior
EXIST.	Existing
F.A.	Fire Alarm
F.B.	Flat Bar
F.D.	Floor Drain
F.E.	Fire Extinguisher
FEC	Fire Extinguisher Cabinet
F.H.C.	Fire Hose Cabinet
FG	Fixed Glass
FDN.	Foundation
FIN.	Finish
FIXT.	Fixture
FLR.	Floor
FLASH.	Flashing
FLUOR.	Fluorescent
F.O.C.	Face of Concrete
F.O.F.	Face of Finish
F.O.M.	Face of Masonry
F.O.W.	Face of Wall
F.O.S.	Face of Studs
FPRF.	Fireproof
F.S.	Full Size
FT.	Foot or Feet
FTG.	Footing
FURR.	Furring
FUT.	Future

GA.	Gage
GALV.	Galvanized
G.F.R.C.	Glass Fiber Reinforced Concrete
GL.	Glass
GND.	Ground
GRD.	Grade
GSM.	Galvanized Sheet Metal
GYP.	Gypsum
H.B.	Hose Bibb
H.C.	Hollow Core
HDWD.	Hardwood
HDWR.	Hardware
H.M.	Hollow Metal
HORIZ.	Horizontal
H.P.	High Point
HR.	Hour
HT./HGT.	Height
I.D.	Inside Diameter or Inside Dimension
INSUL.	Insulation
INT.	Interior
JT.	Joint
L	Long
LAM.	Laminate
LAV.	Lavatory
LF.	Light Fixture
LKR.	Locker
LT.	Light
L.P.	Low Point
MACH.	Machine
MAX.	Maximum
MB	Machine Bolt
MECH.	Mechanical
MEMB.	Membrane
MET./MTL.	
MFR.	Manufacturer
MG.	Motor Generator
MH.	Manhole
MIN.	Minimum
MIR.	Mirror
MISC.	Miscellaneous
M.O.	Masonry Opening
MTD.	Mounted
MUL.	Mullion
N.	North
N.I.C.	Not In Contract
NO. or #	Number
NOM.	Nominal
N.T.S.	Not To Scale

O.C.	On Center
O.D.	Outside Diameter
O.F.D.	Over Flow Drain
O.F.S.	Overflow Scupper
O.H.	Opposite Hand
OPG.	Opening
OPP.	Opposite
P.D.	Planter Drain
PRCST.	Pre-cast
PL.	Plate
P.LAM.	Plastic Laminate
PLAS.	Plaster
PLYWD.	Plywood
PR.	Pair
PT.	Point
PTN.	Partition
P.T.	Pressure Treated
PVC.	Polyvinyl Chloride
Q.T.	Quarry Tile
R.	Riser
RAD.	Radius
RCP.	Reinforced Concrete Pipe
R.D.	Roof Drain
REC.	Receptacle
REF.	Reference
REFR.	Refrigerator
RGTR.	Register
REINF.	Reinforced or Reinforcement
REQ'D	Required
RESIL.	Resilient
RM.	Room
R.O.	Rough Opening
RDWD.	Redwood
R.W.L.	Rain Water Leader
S.	South
S.A.D.	See Architectural Drawings
S.C.	Solid Core
S.C.D.	See Civil Drawings
SCHED.	Schedule
SECT.	Section
S.E.D.	See Electrical Drawings
SH.	Shelf
SHR.	Shower
SHT.	Sheet
SIM.	Similar
SK.	Sink
SL	Slope
S.L.D.	See Landscape Drawings
S.M.D.	See Mechanical Drawings
SPEC.	Specification
SPD.	See Plumbing Drawings
SQ.	Square
SSD	See Structural Drawings

SS	Stainless Steel
S.SK.	Service Sink
STA.	Station
STD.	Standard
STL.	Steel
STOR.	Storage
STRL.	Structural
SUSP.	Suspended
S.V.	Sheet Vinyl
SYM.	Symmetrical
SW	Sidewalk
T.A.	Toilet Accessories (see Toilet Accessories legend for abbreviations)
TRD.	Tread
T.B.	Towel Bar
T.C.	Top of Curb
TEL.	Telephone
T&G	Tongue and Groove
THRESH.	Threshold
T.P.	Top of Pavement
TS	Tubular Steel
T.S.	Top of Structural Slab
TV	Television
T.W.	Top of Wall
TYP.	Typical
UNF.	Unfinished
U.O.N.	Unless Otherwise Noted
U.L.	Underwriter's Laboratory
VCT	Vinyl Composition Tile
VERT.	Vertical
VEST.	Vestibule
V.I.F.	Verify In Field
V.B.	Vapor Barrier
W.	West/Wide
W/	With
W.C.	Water Closet
WD.	Wood
W/O	Without
WP.	Waterproof(ing)
W.R.	Water Resistant
WAINS.	Wainscot
WT.	Weight
W.O.	Where Occurs

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(6) CSFM APPROVED 25 JULY 1992
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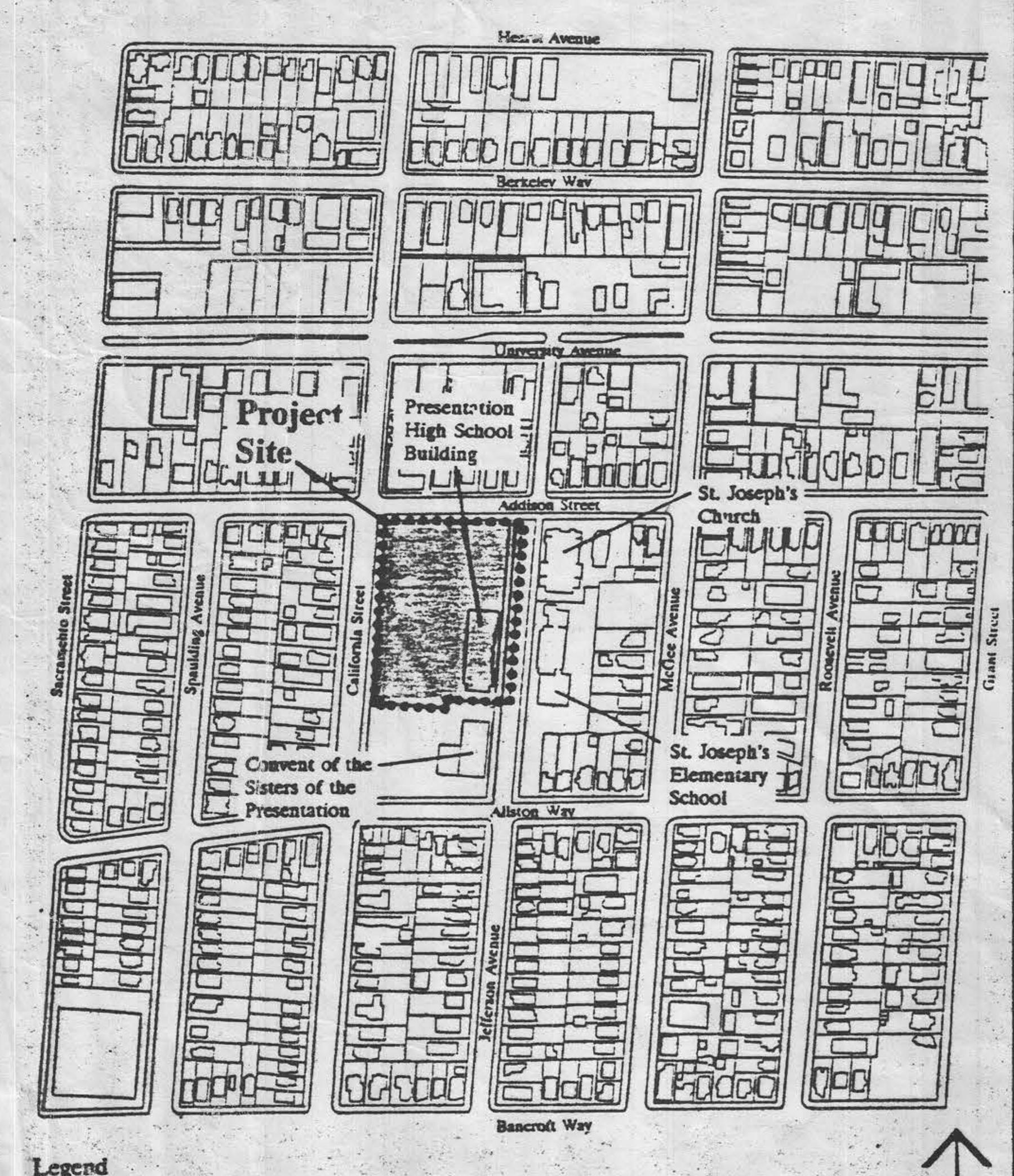
PROJECT LOCATION



PROJECT TEAM

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University of California
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510/234-0926
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510/430-0399
FAX: 510/430-1841

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510/680-0184
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Oakland, California 94610
510/763-4891
FAX: 510/763-0619

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Alameda, California 94501
510/522-2442
FAX: 510/522-0951

Consulting Services
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Novato, California 94947
415/897-4482
FAX: 415/892-4098
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Fire Protection
Alto Fire Protection, Inc.
453 "C" Street
Richmond, California 94801
510/237-3698

PROJECT DATA

BUILDING CODE SUMMARY FOR EXISTING BUILDING

CODE: Title 24 of the California Code of Regulations, Parts 2, 3, 4, 5, 7 and 12.

OTHER LAWS: Fair Housing Act of 1988 (FHA), Americans with Disabilities Act of 1990 (ADA).

CONSTRUCTION:
Type 5-One Hour fire-resistive throughout; fully sprinklered

OCCUPANCY CLASSIFICATION(S) (Table 5A):
Residents = R-1
Multi-purpose room = A-3 (multi-purpose room is a "minor accessory use" by the 10% rule of Sec. 503

OCCUPANCY SEPARATION(S) (Table 5B):
Common storage areas from rest of building = 1 hr.
R-1 from A-3: 1 hr.

ALLOWABLE AREA CALCULATION (Per Table 5-C and 506):

OCCUPANCY	ALLOWABLE AREA
R-1*	10,500 sf

10,500 s.f. (Table 5-C) x 1.5 (multi-story increase) x 2 (separation on two sides > 60 ft.) = 31,500 s.f.

* R-1 governs by virtue of the multi-purpose room being a "minor accessory use" as noted above.

Conclusion: Area Separation Walls not required, existing building = 28,396 s.f.

LOCATION ON PROPERTY (Sec. 1203, 504, Part IV and Table 5-A)
a. One-hour exterior walls typical throughout (Table 5-A), less than 5 feet from property line.
b. No openings less than 5 feet.

BUILDING HEIGHT (Sec. 507, Table 5-D):
a. Three stories.

SPECIAL PROVISIONS OF "R" OCCUPANCY:
a. Light, ventilation and sanitation; Sec. 1205.
b. Room dimensions; Sec. 1207.
c. Shaft and exit enclosures; Sec. 1209.
d. Smoke detectors and sprinkler systems; Sec. 1210.
e. Fire alarm; Sec. 1211.
f. Heating; Sec. 1212.
g. Special hazards; Sec. 1213.
h. Access to building and facilities; Sec. 1214.1, Title 24, and F.H.A.

REQUIREMENTS BASED ON CONSTRUCTION:

a.

Table 17-A: Type 5 One-Hour	Fire Resistive Requirements
Exterior Bearing Walls	1 hr.
Interior Bearing Walls	1 hr.
Exterior Non-bearing Walls	1 hr.
Partitions-permanent	1 hr.
Shaft Enclosures	1 hr. (Section 1706)
Floor-Ceilings/Roofs	1 hr.
Exterior Doors and Windows	(Section 2203, 504, Table 5-A)

b. Weather Protection; Section 1707 - all exposed surfaces have a weather resistant barrier
c. Parapet; Section 1709 - 1 hr. fire resistive construction
d. Projections; Section 1710 - 1 hr. fire resistive construction
e. Guardrails; Section 1711 - provided at unenclosed opening over 30" above grade or floors/railing are not less than 42" high
f. Insulation; Section 1713 - flame spread rating below 25 and smoke density below 450
g. Illumination; Section 1755 - corridor; 1.0 footcandles elevators/stairways; 2.0 footcandles

WOOD FRAME CONSTRUCTION:
General construction requirements are provided in compliance with Section 2516.

ROOF CONSTRUCTION AND COVERING:
Class B roofing (Section 3204). Existing built-up roof coving to remain in place.

EXITING LOAD CALCULATION:

SPACE (AREA)	LOAD FACTOR	OCCUPANCY LOAD	MINIMUM WIDTH	ACTUAL WIDTH	DOOR NUMBERS
First Floor:					
Residential (3 units @ 1,450 each)	300	5	3'**	3'	114, 115, 116 respectively
Multi-purpose (990)	7	140	6'*	12'	105, 105C, 105D, 105E
Second Floor (8,435)	300	30	6'*	10'	209 and 209A
Third Floor (8435)	300	30	6'*	12'	Corridor open to stairways

* Two exits required; minimum exit width - 3'-0"
** Single exit only required

DOORS AND CORRIDORS:
a. Corridors = one hour; Doors into corridors = 20 min.; Minimum corridor width = 44".
b. Doors shall swing in direction of exit travel where occupant load is greater than 50.

SQUARE FOOTAGE:

First Floor	7,916 s.f.
Second Floor	10,240 s.f.
Third Floor	10,240 s.f.
Project Total	28,396 s.f.

AUTOMATIC FIRE EXTINGUISHING SYSTEM (Section 3802, h):

Required for ". . . every apartment house three or more stories in height . . ."
Existing building fully sprinklered throughout

(6) NOTE: Provide separate shop drawings of the Fire Suppression System (i.e. automatic fire sprinklers, standpipes, hydrants). The systems SHALL NOT BE INSTALLED until reviewed and approved by the California State Fire Marshal. (Suppression Systems shall be designed in accordance with Title 24, CCR, Part 2. Chapter 38).

NOTES

1. ELEVATOR MODIFICATIONS TO BE PROVIDED BY OWNER AS A DEFERRED APPROVAL. WORK IS NOT IN CONTRACT. ~~APPROVAL~~ BY OSA AND COMPLETED PRIOR TO OCCUPANCY. (5)

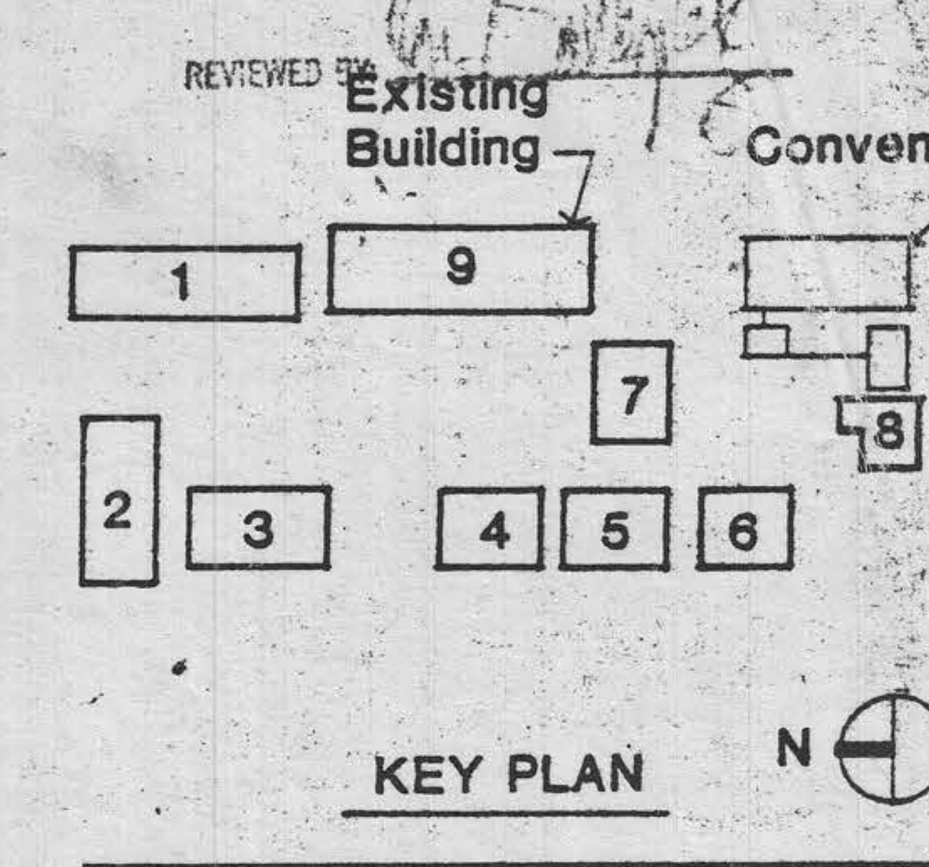
AS-BUILT

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPROVAL of this plan does not authorize or approve any omission or deviation from applicable regulations.
Reviewed by

FIRE MARSHAL APPROVED - DO NOT MARK

MWM ARCHITECTS, INC.
Architecture • Planning • Interior Design
2333 Harrison, Oakland, California 94612
Tel (510) 832-5242 Fax (510) 832-3022

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.
REVIEWED BY



Date: Submitted for Construction 24 February 1992
Job No. 1-1841.50
Drawn
Checked
Approved for the Owner
Approved for the Architect

LICENSED ARCHITECT JUDITH LYNN ROWE No. C-10158 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
2	REVISION	1 JUNE 1992
5	REVISION	27 JULY 1992
6	REVISION	4 SEPT 1992

PRESENTATION FACULTY HOUSING

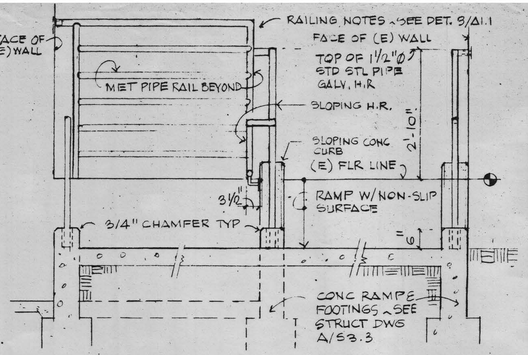
EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

TITLE SHEET/
PROJECT DATA

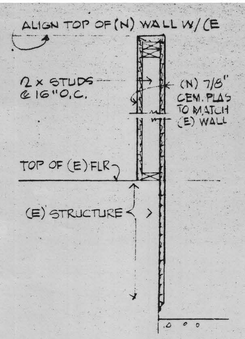
Sheet No.
A0.1

OCT 14/91

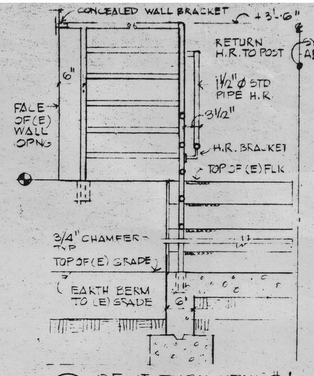
Revised File Name: Presentation Faculty Housing - AE 0UNLIS - Sheet 00000A01 - Project 01184150 - Date 02-24-1992 - Title TITLESHEETPROJECTDA0 - Floor NNNN.pdf



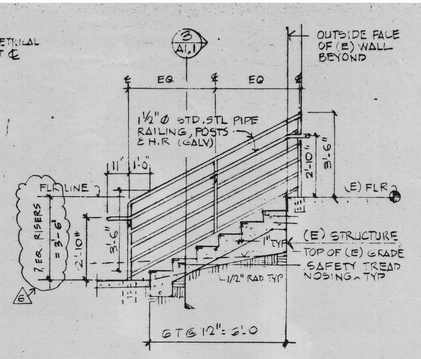
5 A1.1 CROSS SECT @ RAMP # 1 3/4"=1'-0"



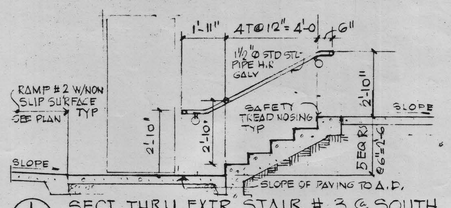
4 A1.1 SECT @ RAILING 3/4"=1'-0"



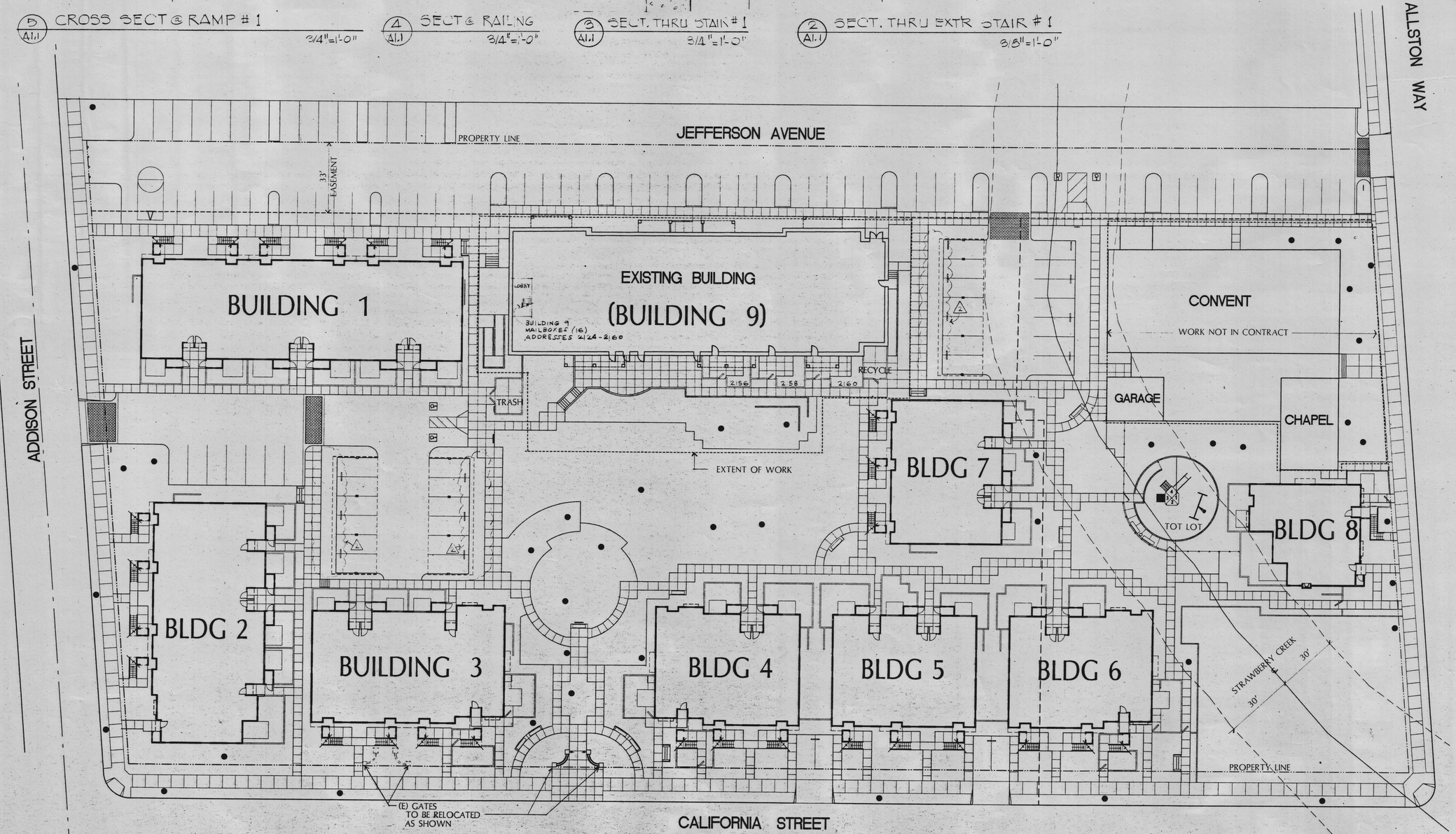
3 A1.1 SECT. THRU STAIR # 1 3/4"=1'-0"



2 A1.1 SECT. THRU EXTR STAIR # 1 3/8"=1'-0"



1 A1.1 SECT. THRU EXTR STAIR # 3 @ SOUTH END OF BLDG 3/8"= 1'-0"



OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPLICATION FOR [illegible]
7A351 JUL 29 '92
APPROVAL of this plan does not authorize or approve any omission or deviation from applicable regulations.
Reviewed by

SCALE : 1' = 20'-0"

N

MWM ARCHITECTS, INC.
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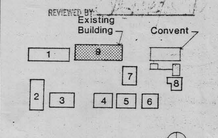
Tel (510) 832- 5242 Fax (510) 832-3022

CALIFORNIA STATE FIRE MARSHAL
APPROVED

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.

REVIEWED BY:



KEY PLAN N

Date Submitted for Construction
24 February 1992

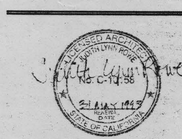
Job No. 1-1841.50

Drawn

Checked

Approved for the Owner

Approved for the Architect



No.	Revision	Date
2	SITE REVISIONS	1 JUNE 1992
4	REVISION	6 JULY 1992
6	REVISION	4 SEPT 1992

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

SITE PLAN + DETAILS

Code # : 180 A&E #: 51018

Sheet No.

A1.0

Plotted: 19 JUN 92 11:07 | By: jeffm | Xrefs: | Drawing File Name: C:\PROJECTS\1841\DWG\SITE\SITEPLOT.DWG

Plotted: 19 JUN 92 11:07 | By: jeffm | Xrefs: | Drawing File Name: C:\PROJECTS\1841\DWG\SITE\SITEPLOT.DWG

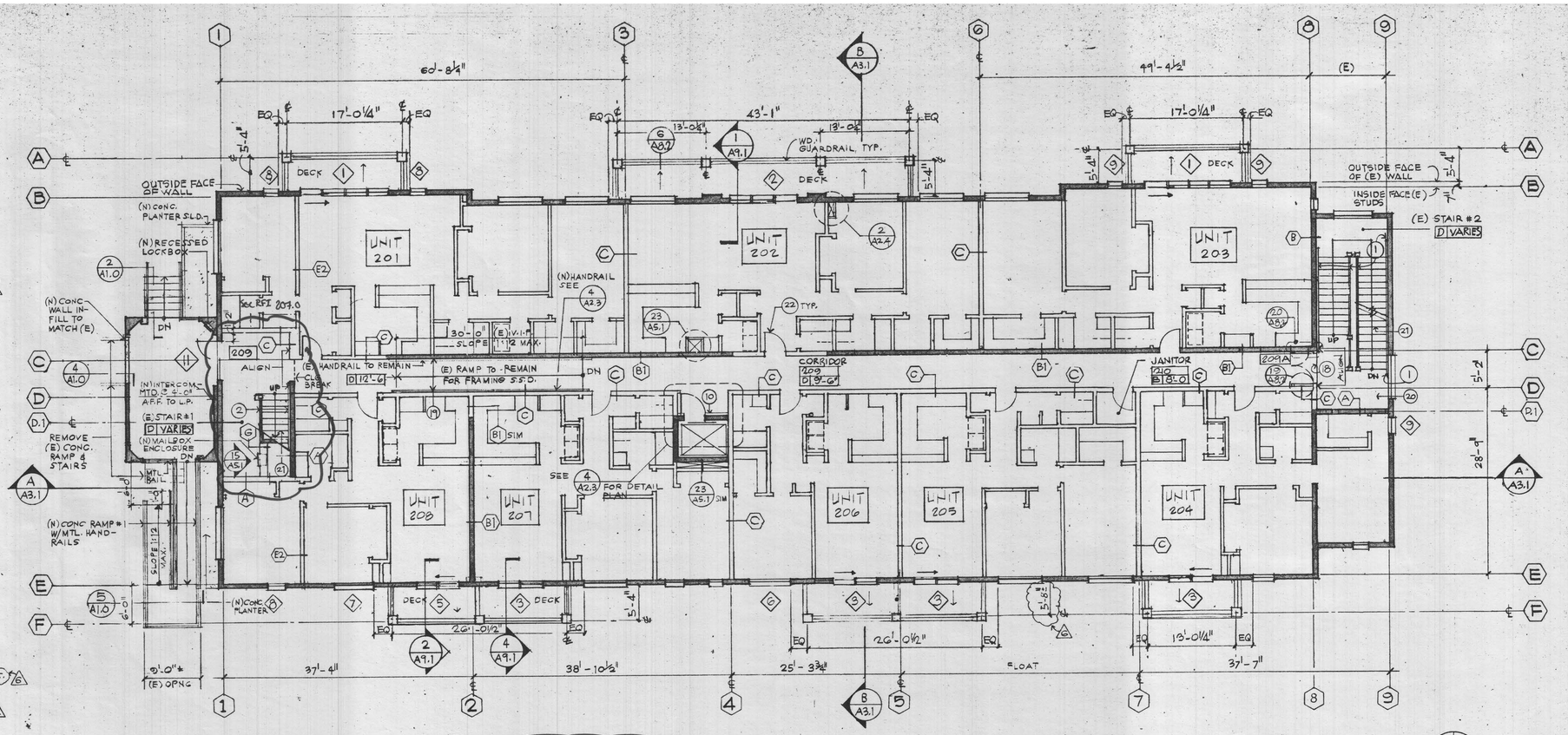
Drawing File Name: Presentation Faculty Housing - AE 051018 - Sheet 000000A10 - Project 01T61N0 - Date 02-24-1992 - Title SITEPLANDETAILS0000D - Plotz NNNN.pdf

GENERAL NOTES

1. Dimensions are to (N) or (E) F.O.S. unless otherwise noted.
2. For continuation of sidewalks at ground level refer to Site Plan 1/A1.0.
3. For unit interior dimensions and notes refer to 1/4" Unit Plans A2.3, A2.4.

SHEET NOTES

1. (E) WD. HANDRAILS TO BE REPAIRED AND/OR MODIFIED AS REQUIRED. REFER TO 15/A5.1 FOR DIMENSIONS.
2. (N) FIRE SPRINKLER RISER - SEE FIRE PROTECTION DRAWINGS.
3. NOT USED
4.
5.
6.
7. Existing wood stair to remain.
8. Locate new door at existing masonry infill joint.
9. New balcony. See 1/A2.1 for dimensions, typical.
10. Remove existing and install new elevator. controls in new wall as required to meet accessibility codes and regulations. THIS WORK IS N.I.C. FOR DEFERRED APPROVAL. 5
11. Enclose boiler flue in one-hour construction throughout, typical.
12. New concrete slab. Depress 2" from existing first floor top of slab.
13. New rooftop ventilator. See mechanical drawings.
14. Slope concrete slab to drain 1/8" per foot, minimum.
15. Plumbing vent - see plumbing drawings.
16. Existing equipment or vent to be removed.
17. Modify existing stair #2 handrail and newel post to mount 30"-34" above stair nosing.
18. Provide wood wedge transition between new shear plywood and existing floor sheathing.
19. Existing ramp to remain, modify framing as required, S.S.D. Add new handrail at +2'-10" A.F.F. at west side. Slope 1:12, maximum, verify.
20. New stairway identification signage at each landing as required by code, typical.
21. New safety tread markings, typical, AT ALL STAIRS. 6
22. 20 MIN. FIRE RATED DOOR. SEE 1/4" SCALE UNIT PLANS FOR DOOR TYPE, DOOR SCHEDULE FOR DETAILS. 2

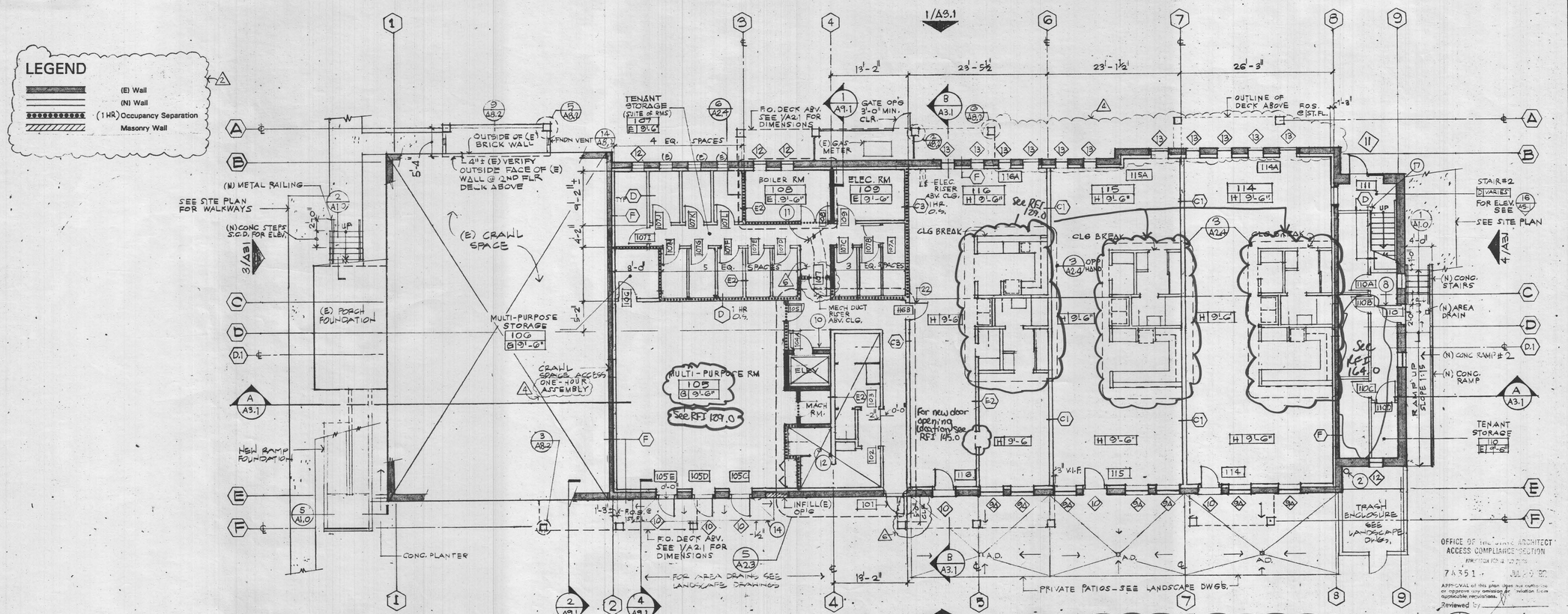


SECOND FLOOR PLAN

For Data Line locations see RFI 200.0

1/A2.1 2 PLAN REVISIONS

1/8" = 1'-0"



FIRST FLOOR PLAN

Corridor 104 & Vest. bule 101 Ceiling Height to be at 8'-0". Reference RFI 129.0

For Data line locations see RFI 200.0 2/A3.1

SEE RFI 163.0 FOR DRAPERY POCKETS AT CEILING CEILINGS IN THE LOFT UNITS

2/A2.1 2 PLAN REVISIONS

1/8" = 1'-0"

AS-BUILT

MWM ARCHITECTS, INC.
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2333 Harrison, Oakland, California 94612
Tel (510) 832-5242 Fax (510) 832-3022

CALIFORNIA STATE FIRE MARSHAL
APPROVED

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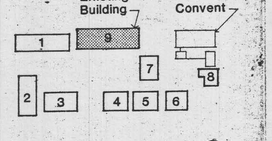
REVIEWED BY

KEY PLAN



Date	Submitted for Construction 24 February 1992
Job No.	1-1841.50
Drawn	ALC, CRI
Checked	
Approved for the Owner	
Approved for the Architect	

REGISTERED ARCHITECT JUDITH LYNN MWM No. C-10159 31 MAY 1993 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING	20 JAN. 1992
2	REVISION 1	JUNE 1992
4	REVISION 6	JULY 1992
5	REVISION 27	JULY 1992
6	REVISION 4	SEPT 1992

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

1ST AND 2ND FLOORS

Sheet No.

A2.1

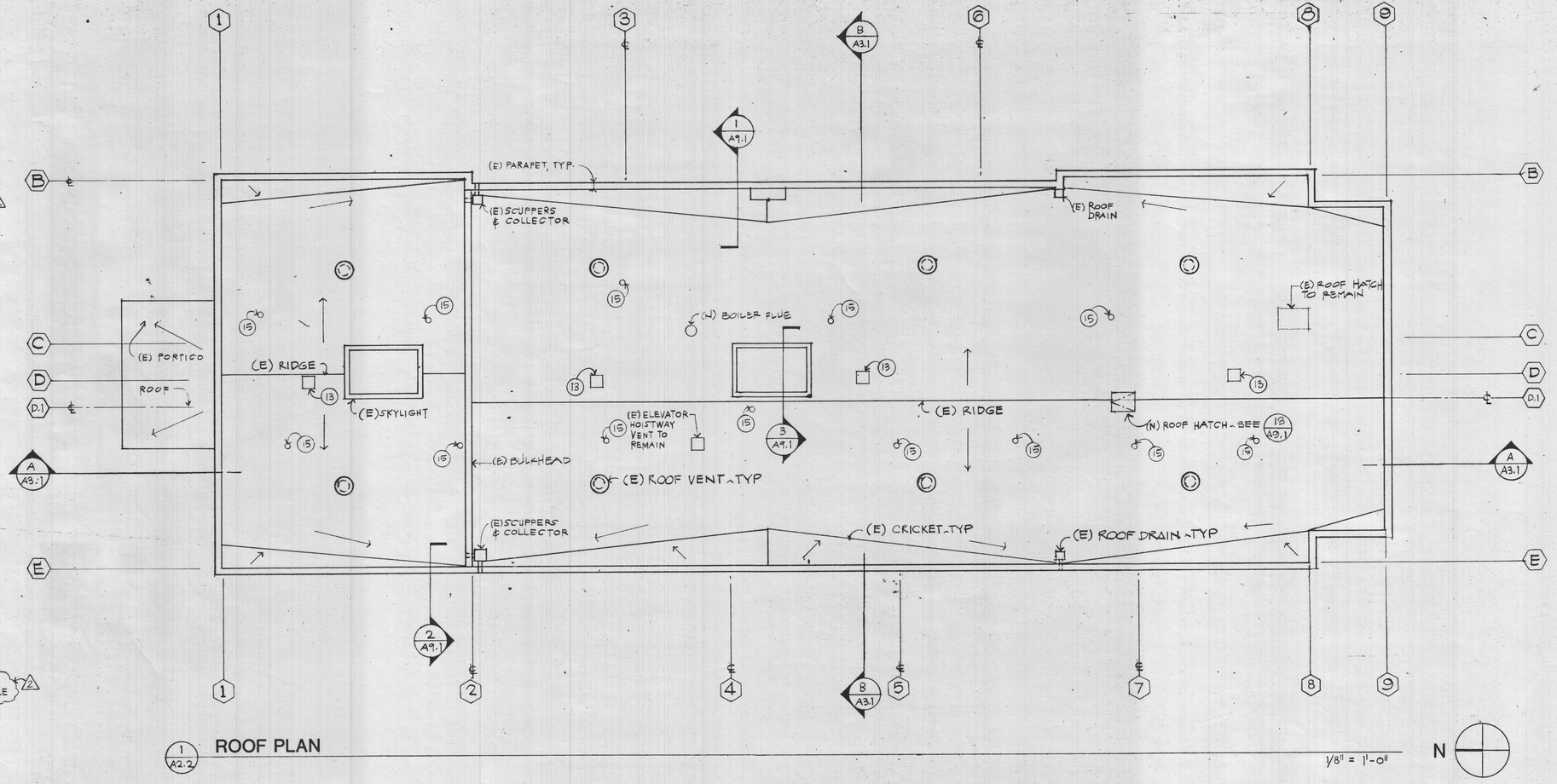
J:\ Revised File Name: Presentation Faculty Housing - All 0UNLIS - Sheet 00000A21 - Project 01184150 - Date 02-24-1992 - Title 1STANDNDFLOORS00000 - Floor NNNN.pdf

GENERAL NOTES

1. Dimensions are to (N) or (E) F.O.S. unless otherwise noted.
2. For continuation of sidewalks at ground level refer to Site Plan 1/A1.0.
3. For unit interior dimensions and notes refer to 1/4" Unit Plans A2.3, A2.4.

SHEET NOTES

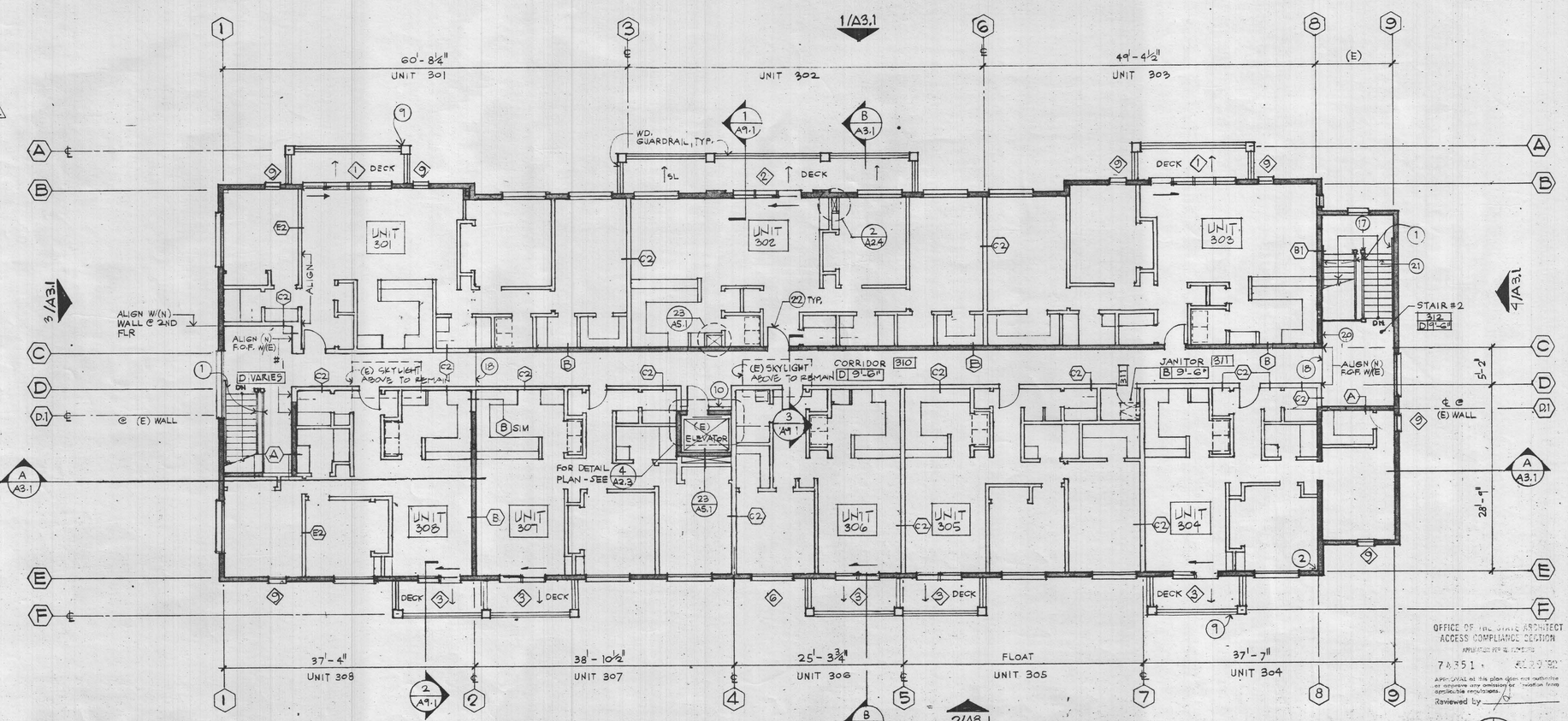
1. (E) WD HANDRAILS TO BE REPAIRED AND/OR MODIFIED AS REQUIRED. REFER TO 15/A5.1 FOR DIMENSIONS
2. (E) FIRE SPRINKLER RISER IN WALL, CONNECT TO (N) - SEE FIRE PROTECTION DWGS. (2)
3. NOT USED
4.
5.
6.
7. Existing wood stair to remain.
8. Locate new door at existing masonry infill joint.
9. New balcony. See 1/A2.1 for dimensions typical.
10. Remove existing and install new elevator controls in new wall as required to meet accessibility codes and regulations. THIS WORK IS N.I.C. FOR DEFERRED APPROVAL (5)
11. Enclose boiler flue in one-hour construction throughout, typical.
12. New concrete slab. Depress 2" from existing first floor top of slab.
13. New rooftop ventilator. See mechanical drawings.
14. Slope concrete slab to drain 1/8" per foot minimum.
15. Plumbing vent - see plumbing drawings.
16. Existing equipment or vent to be removed.
17. Modify existing stair #2 handrail and newel post to mount 30"-34" above stair nosing.
18. Provide wood wedge transition between new shear plywood and existing floor sheathing.
19. Existing ramp to remain, modify framing as required, S.S.D. Add new handrail at +2'-10" A.F.F. at west side. Slope 1:12, maximum, verify.
20. New stairway identification signage at each landing as required by code, typical.
21. New safety tread markings, typical.
22. 20 MIN. FIRE RATED DOOR. SEE 1/4" SCALE UNIT PLANS FOR DOOR TYPE, DOOR SCHEDULE FOR DETAILS (2)



1/A2.2 **ROOF PLAN** 1/8" = 1'-0"

LEGEND

- (E) Wall
- (N) Wall
- (1 HR) Occupancy Separation
- Masonry Wall



2/A2.2 **THIRD FLOOR PLAN** For Detail Line Locations See RFI 200.0 1/8" = 1'-0"

2/A9.1 PLAN REVISIONS

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPLICATION FOR ALTERATIONS
7A351 4/29/92
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Reviewed by

MWM ARCHITECTS, INC.
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Tel (510) 832- 5242 Fax (510) 832-3022

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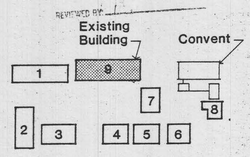

KEY PLAN N

Date Submitted for Construction 24 February 1992
Job No. 1-1841.50
Drawn ALC, CRI
Checked
Approved for the Owner
Approved for the Architect

LICENSED ARCHITECT CHRISTOPHER LYNN RUSSELL No. C-10158 REGISTRATION DATE STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING 20 JAN. 1992	
2	REVISION	1 JUN 1992
5	REVISION	27 JULY 1992

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

3RD FLOOR + ROOF PLAN

Sheet No.

A2.2

AS-BUILT

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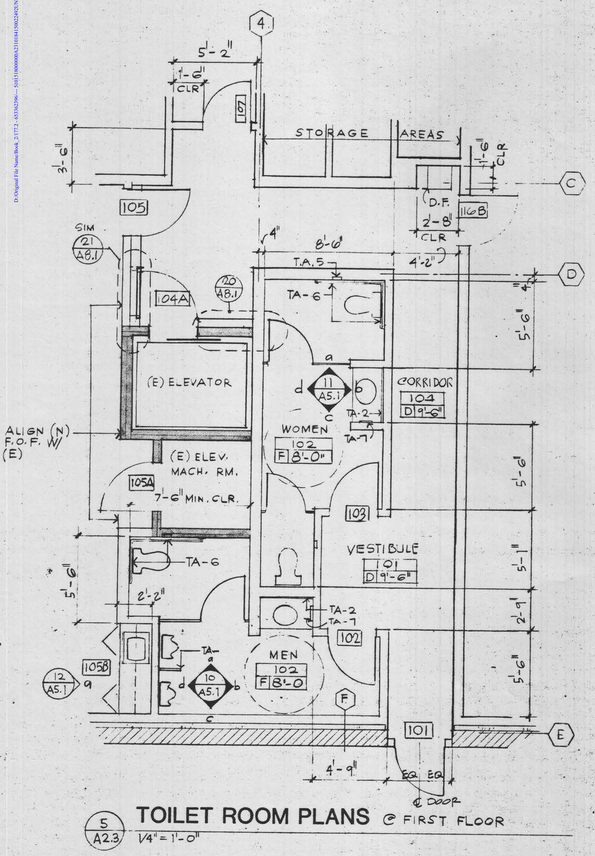
D:\Project File Name\Book_2.1772 - 45\1625bk - 3\d01\0000000A.S1\0144\1842\0625\0TPLAN0000000000.pdf

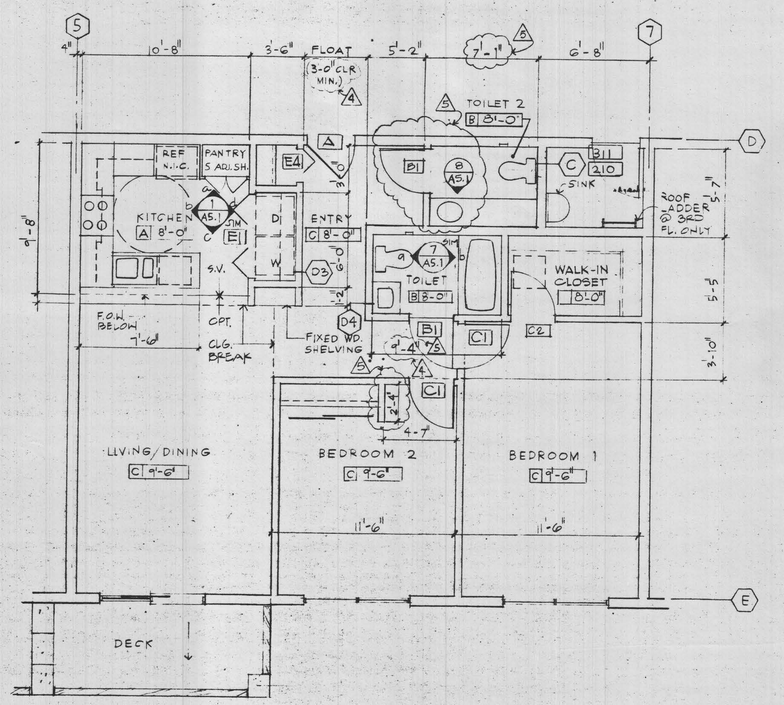
NOTES

1. See plan 1/A2.3 or 1/A2.4 for typical notes and dimensions.
2. New window and door assemblies shown are located in existing exterior wall openings. Locate new partitions to allow for finish trim application at exterior of units.
3. For deck dimensions refer to Building Plans A2.1, A2.2.
4. Dimensions are to (E) and/or (N) F.O.S. unless otherwise noted.
5. All partitions are Type (D) unless otherwise noted.

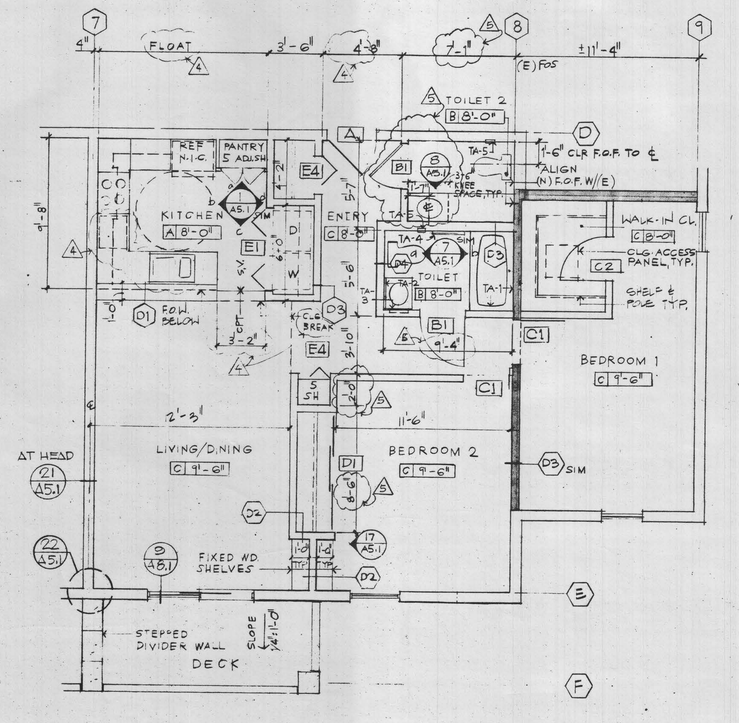
6. EXISTING WALLS ARE SHOWN SHADED.



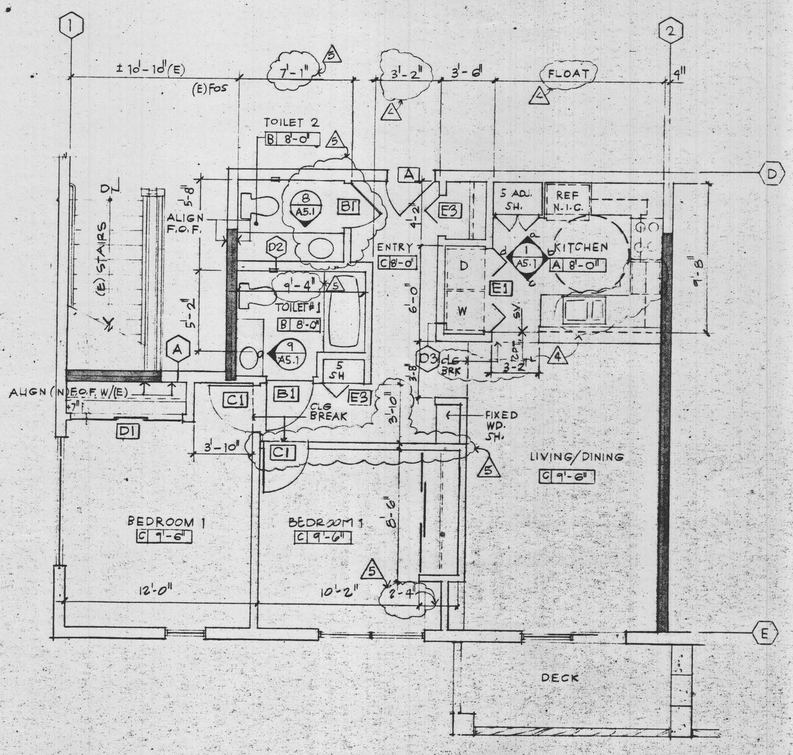
5 A2.3 **TOILET ROOM PLANS** @ FIRST FLOOR
1/4"=1'-0"



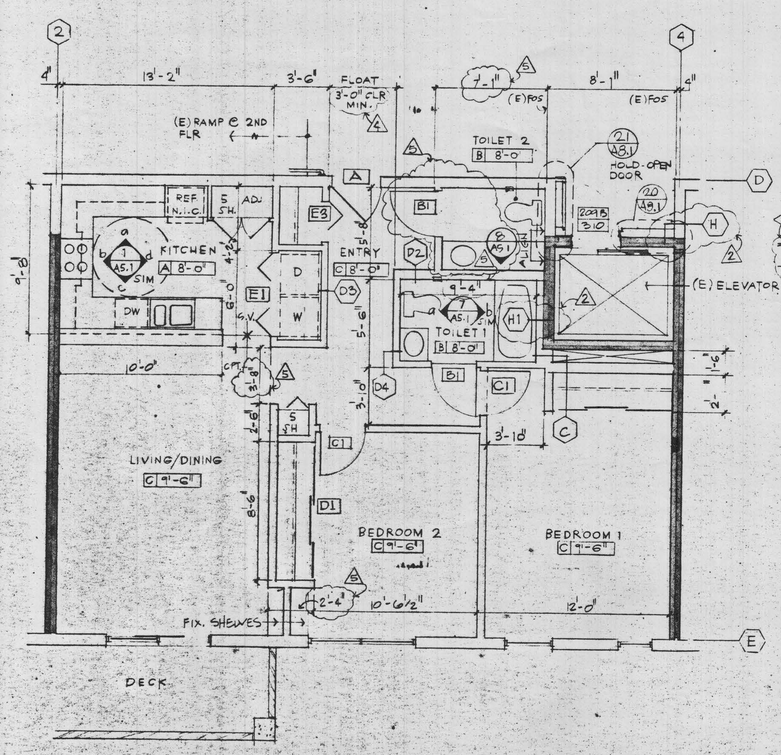
3 A2.3 **UNIT – 205 305** (305 SHOWN)
1/4" = 1'-0"



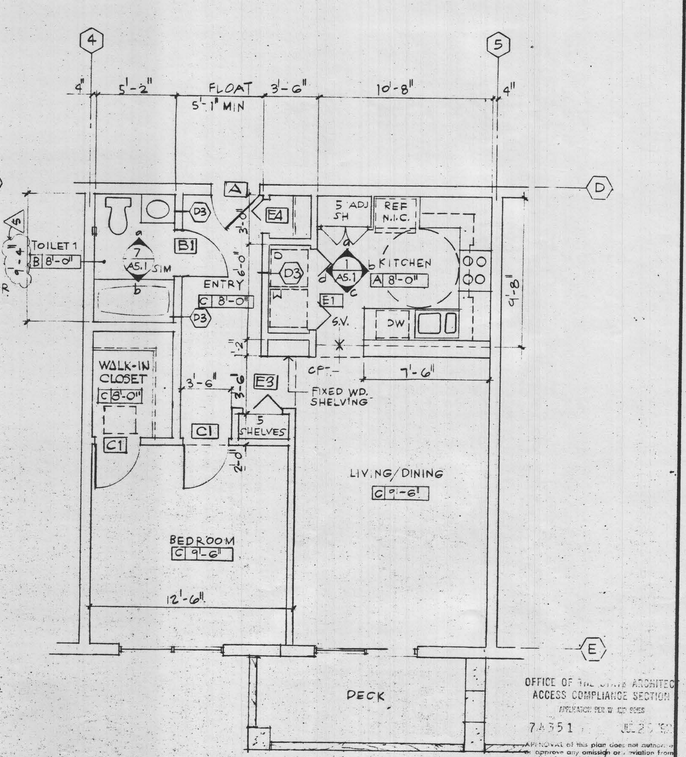
1 A2.3 **UNIT – 204 304**
1/4" = 1'-0"



6 A2.3 **UNIT – 208 308** (308 SHOWN)
1/4" = 1'-0"



4 A2.3 **UNIT – 207 307**
1/4" = 1'-0"



2 A2.3 **UNIT – 206 306**
1/4" = 1'-0"

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Date Submitted for Construction 24 February 1992
Job No. 1-1841.50
Drawn ALC
Checked
Approved for the Owner
Approved for the Architect

LICENSED ARCHITECT JUDITH LYNN RONEY No. C-10158 31 MAY 1993 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
COORDINATION PRINTING 20 JAN. 1992		
2	REVISION	1 JUNE 1992
4	REVISION	6 JULY 1992
5	REVISION	27 JULY 1992

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

UNIT PLANS

Code #: 180 A&E #: 51015

Sheet No.

A2.3

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPLICATION REVIEWED UNDER
7A851 JUL 29 1992
APPROVAL of this plan does not authorize or approve any omission or violation from applicable regulations.
Reviewed by

Revised File Name: Presentation Faculty Housing - AE 151015 - Sheet 0000A23 - Project 1024415 - Dwg 05-24-1992 - Title UNITPLANS0000000000 - Plot NNNN.pdf

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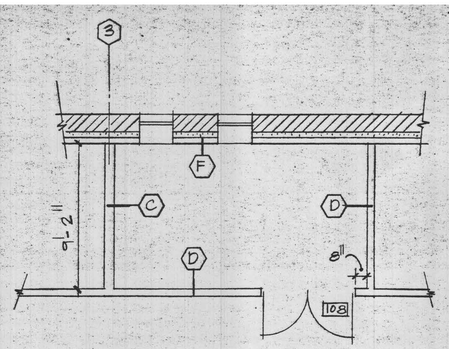
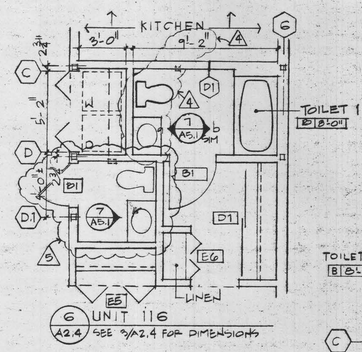
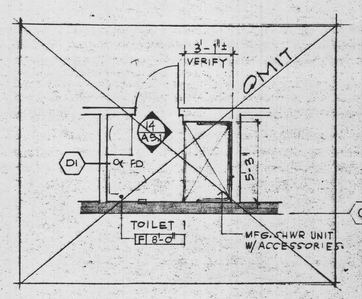


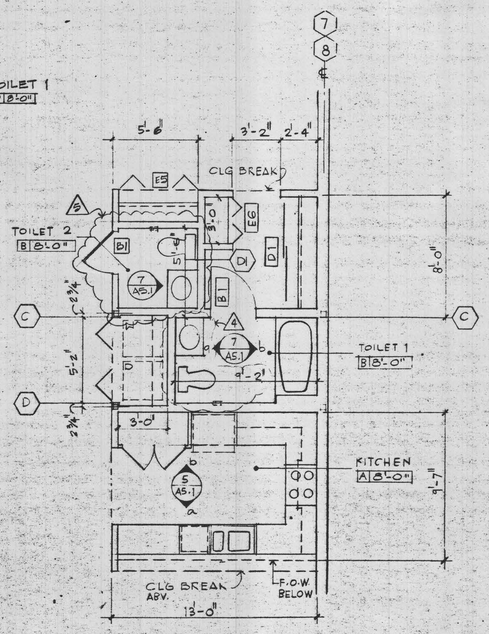
6 A2.4 MECHANICAL ROOM PLAN 1/4"=1'-0"



6 A2.4 UNIT 116 SEE 3/A2.4 FOR DIMENSIONS



5 A2.4 UNIT - 201 (ACCESSIBLE) TOILET 1 - 1/4"=1'-0"

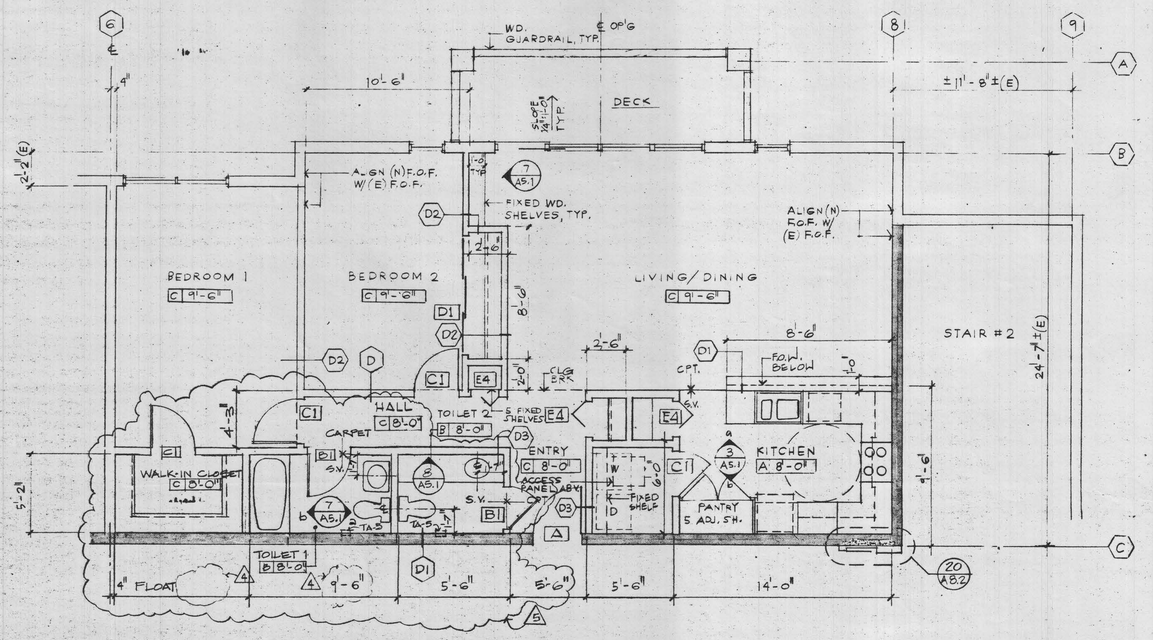


3 A2.4 UNIT 114 & 115 (UNIT 116 OPP. HAND) 1/4"=1'-0"

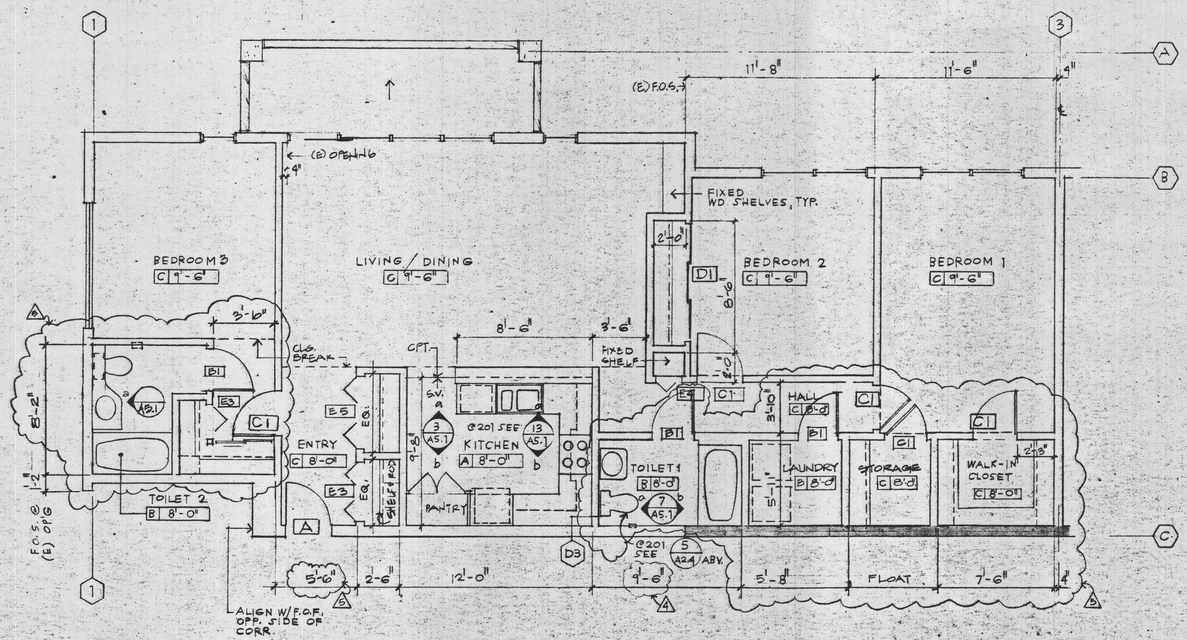
NOTES

6. EXISTING WALLS SHOWN SHADED. (2)

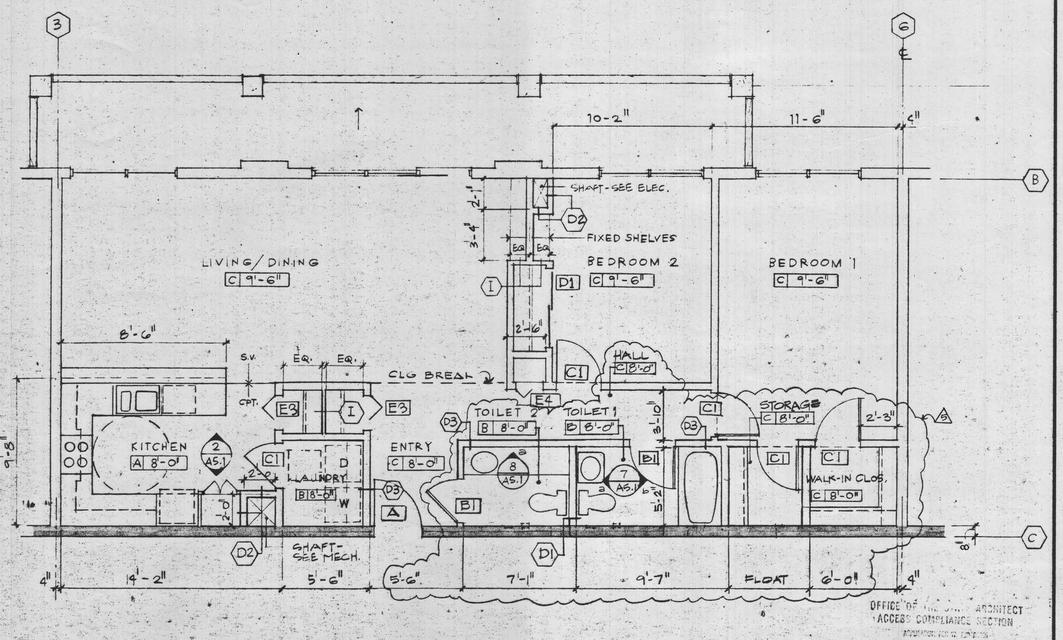
1. See plan 1/A2.3 or 1/A2.4 for typical notes and dimensions.
2. New window and door assemblies shown are located in existing exterior wall openings. Locate new partitions to allow for finish trim application at exterior of units.
3. For deck dimensions refer to Building Plans A2.1, A2.2.
4. Dimensions are to (E) and/or (N) F.O.S. unless otherwise noted.
5. All partitions are Type (D) unless otherwise noted.



1 A2.4 UNIT - 203 303



4 A2.4 UNIT - 301 (UNIT 201 SIM. ACCESSIBLE) 1/4" = 1'-0"



2 A2.4 UNIT - 202 302 1/4" = 1'-0"

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPROVED DATE
7A351 JUL 27 92
APPROVAL of this plan does not authorize or approve any omission or deviation from applicable provisions.
Reviewed by

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Architecture · Planning · Interior Design
2333 Harrison, Oakland, California 94612
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CALIFORNIA STATE FIRE MARSHAL
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REVIEWED BY:

Date	Submitted for Construction 24 February 1992
Job No.	1-1841.50
Drawn	ALC
Checked	
Approved for the Owner	
Approved for the Architect	

LICENSED ARCHITECT JUDITH LYNN RIPPE No. C-10198 31 MAY 1993 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING 20 JAN. 1992	
2	REVISION	1 JUNE 1992
4	REVISION	6 JULY 1992
5	REVISION	27 JULY 1992

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

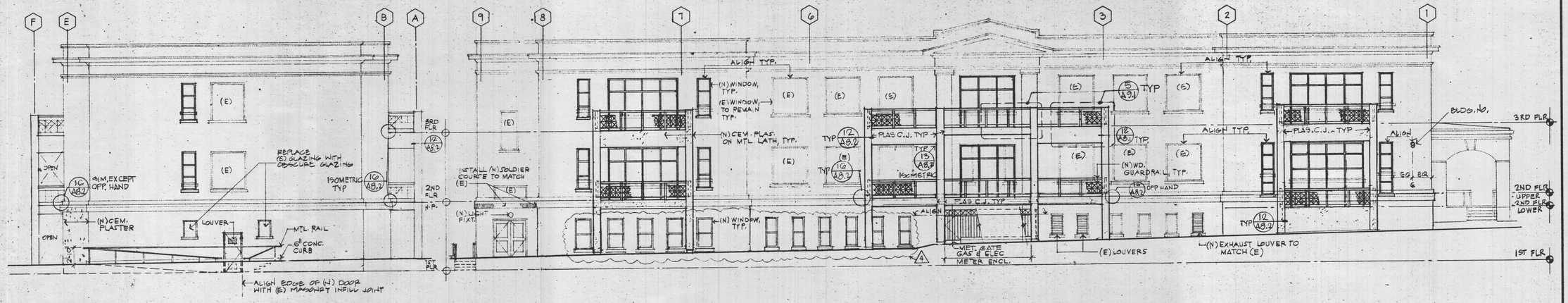
UNIT PLANS

Code # : 180 A&E #: 51014

Sheet No.

A2.4

5 Revised File Name: Presentation Faculty Housing - All 101014 - Sheet 000000A24 - Project 101841150 - Date 02-24-1992 - Title UNITPLANS000000000000 - Floor NNNN.pdf

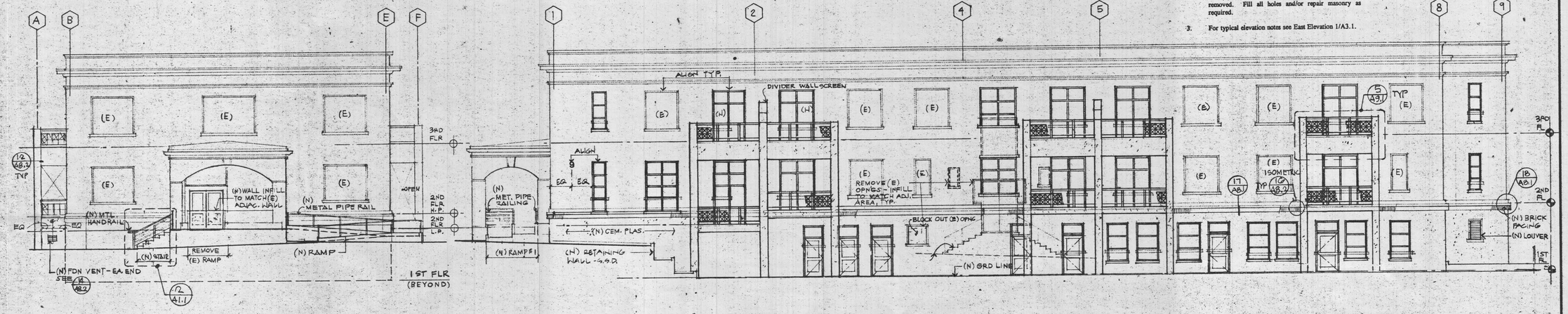


4 A3.1 SOUTH ELEVATION

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

1 A3.1 EAST ELEVATION

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



3 A3.1 NORTH ELEVATION

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

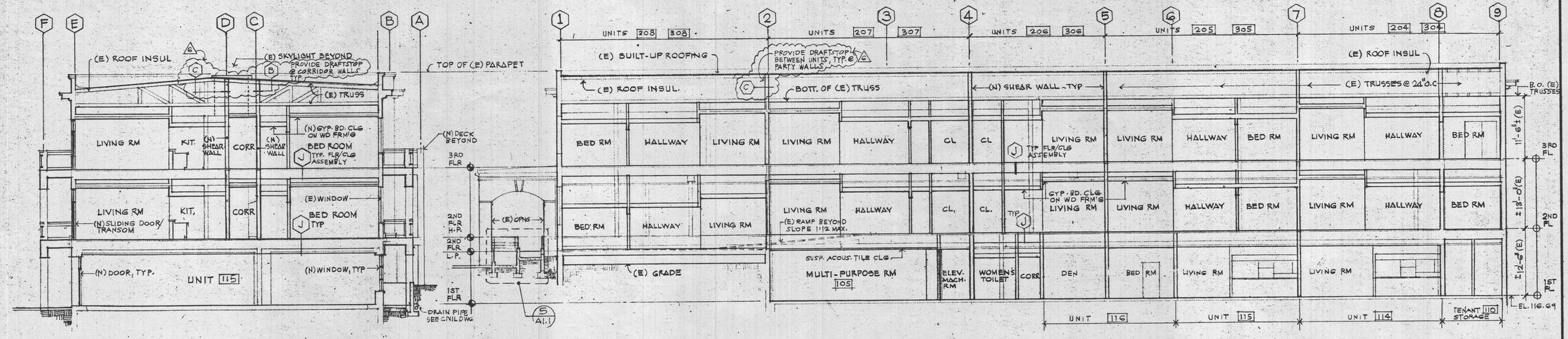
2 A3.1 WEST ELEVATION

See RFI 08.0

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

NOTES

1. Sawcut (E) masonry and/or cement plaster and framing as required for (N) openings and decks shown.
2. All (E) steel braces at first floor openings to be removed. Fill all holes and/or repair masonry as required.
3. For typical elevation notes see East Elevation 1/A3.1.



B A3.1 SECTION B-B

See RFI 163.0 for drapery pockets at ceiling in loft units

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

A A3.1 SECTION A-A

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

AS-BUILT

ARCHITECT
ACCESS COMPLIANCE SECTION
7.351 JUL 27 '92

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Reviewed by

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2333 Harrison, Oakland, California 94612
Tel (510) 832- 5242 Fax (510) 832-3022

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REVIEWED BY

Existing Building 9 | Convent 1 7 8 | 2 3 4 5 6

KEY PLAN N

Date Submitted for Construction 24 February 1992
Job No. 1-184150
Drawn ALC, CRI
Checked
Approved for the Owner
Approved for the Architect

LICENSED ARCHITECT No. C-10158 31 MARCH 93 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING	20 JAN. 1992
A	REVISION	6 JULY 1992
B	REVISION	4 SEPT. 1992

PRESENTATION FACULTY HOUSING

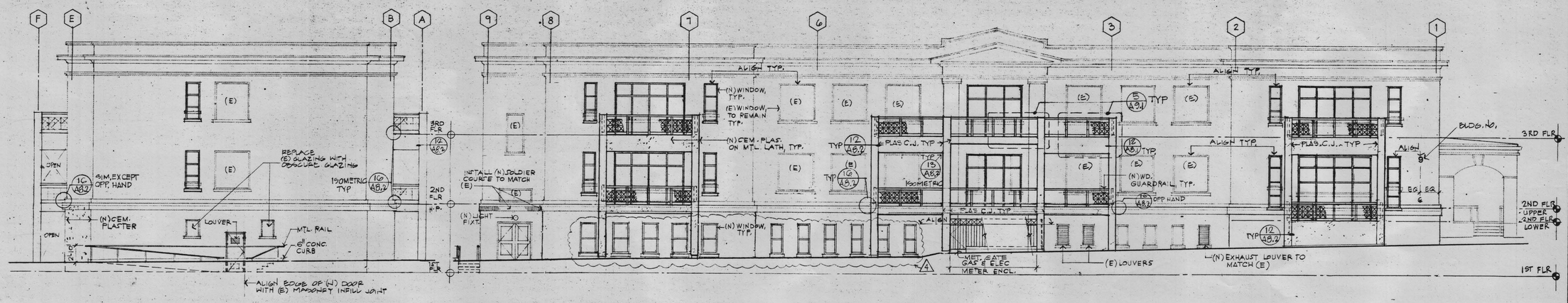
EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

EXTERIOR ELEVATIONS BUILDING SECTIONS

Sheet No.

A3.1

Revised File Name: Presentation Faculty Housing - AUTUNLIS - filtered00000A31 - Project 01184150 - Date 02-24-1992 - Title EXTERIORELEVATIONSBS0 - Fluor/NNNN.pdf

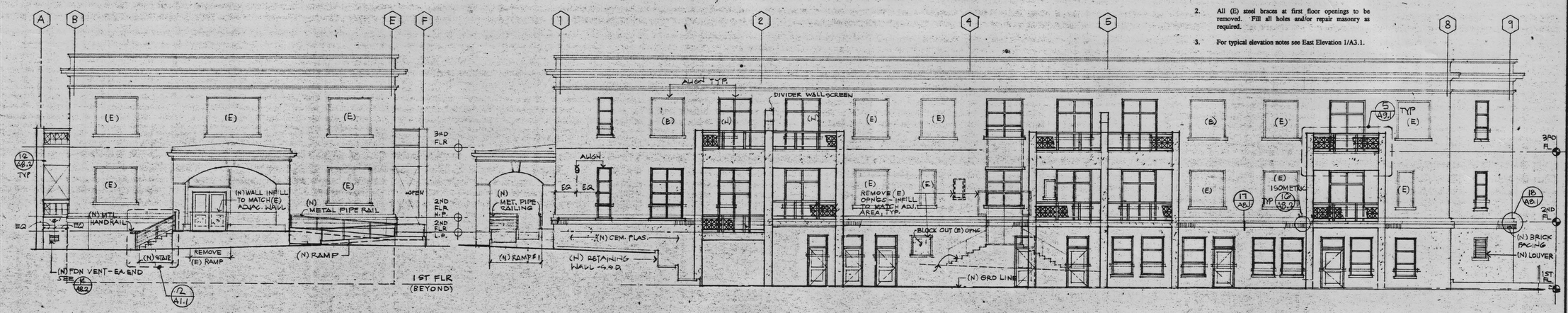


4 A3.1 **SOUTH ELEVATION**

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

1 A3.1 **EAST ELEVATION**

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



3 A3.1 **NORTH ELEVATION**

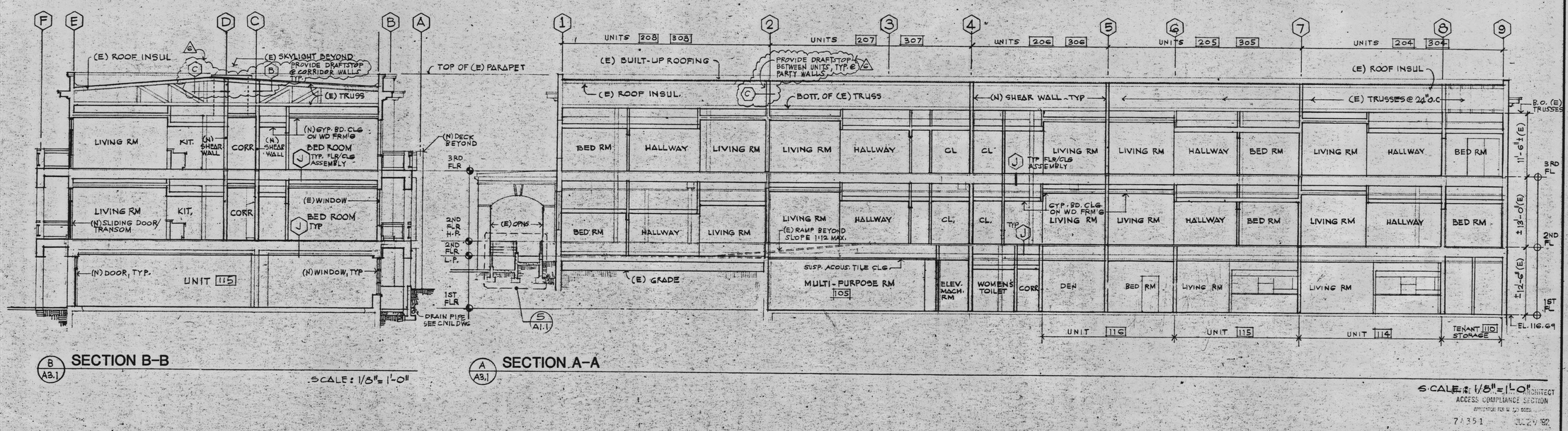
SCALE: 1/8"=1'-0"

2 A3.1 **WEST ELEVATION**

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

NOTES

1. Sawcut (E) masonry and/or cement plaster and framing as required for (N) openings and decks shown.
2. All (E) steel braces at first floor openings to be removed. Fill all holes and/or repair masonry as required.
3. For typical elevation notes see East Elevation 1/A3.1.



B A3.1 **SECTION B-B**

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

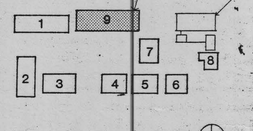
A A3.1 **SECTION A-A**

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

MWM ARCHITECTS, INC.
Architecture · Planning · Interior Design
2333 Harrison, Oakland, California 94612
Tel (510) 832- 5242 Fax (510) 832-3022

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY EMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. UNLESS OTHERWISE PLANS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL.
REVIEWED BY

Existing Building / Convent



KEY PLAN N

Date Submitted for Construction 24 February 1992
Job No. 1-1841.50
Drawn ALC, CRI
Checked
Approved for the Owner
Approved for the Architect

LICENSED ARCHITECT JUDITH LYNN ROWE No. C-10158 31 MAY 1993 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING 20 JAN. 1992	
A	REVISION	6 JULY 1992
B	REVISION	4 SEPT. 1992

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

EXTERIOR ELEVATIONS BUILDING SECTIONS

Code #: 180 A&E #: 51013

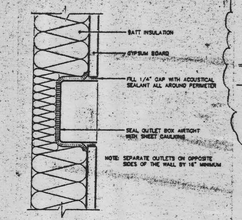
Sheet No.

A3.1

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

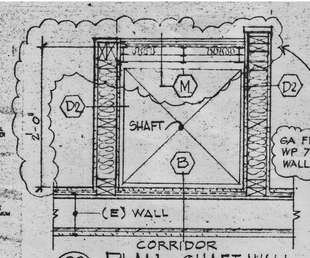
ACCESS COMPLIANCE SECTION
APPLICATION FOR [illegible]
71351 JUL 29 '92
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY EMISSION OR DEVIATION FROM APPLICABLE REGULATIONS.

Revised File Name: Presentation Faculty Housing - A3.1(#1).1 - Sheet 03/03/93 - Project 01/01/26 - Date 02-24-1992 - File EXTERIOR ELEVATIONS - File SNDN.pdf

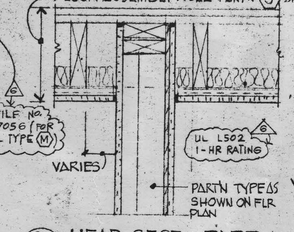


THESE MANUFACTURED BY HARRY A. LOWRY & ASSOC.
2525 FEDERICO AVE.
SAN FRANCISCO, CA 94110 (415) 285-4681
AVAILABLE IN THE BAY AREA FROM
HAROLD A. PACE CO.
RICHMOND, CA (415) 236-3877

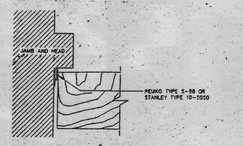
25 / A5.1 OUTLET TREATMENT IN SOUND-RATED CONSTRUCTION | FIGURE

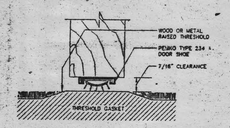


23 / A5.1 PLAN - SHAFT WALL 1½" = 1'-0"

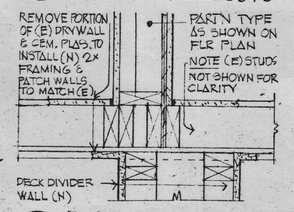


21 / A5.1 HEAD SECT @ PARTY WALL PARALLEL JSTS

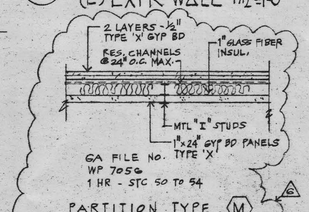




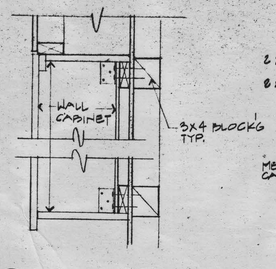
24 / A5.1 SOLID-CORE WOOD DOOR WITH COMPOSITE SEALS | FIGURE



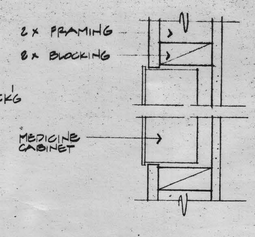
22 / A5.1 PLAN SECT. @ PARTY (E) EXT'R WALL 1½"=1'-0"



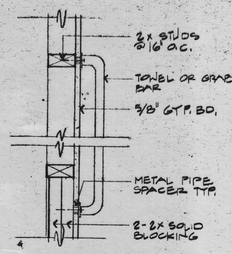
22A / A5.1 PARTITION TYPE (M) SHAFT WALL 1½" = 1'-0"



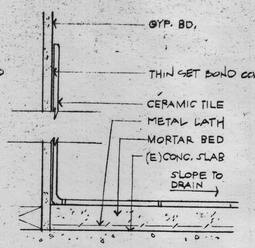
20 / A5.1 CABINET BLOCKING 1½"=1'-0"



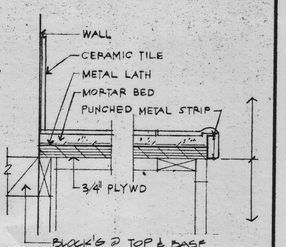
19 / A5.1 MEDICINE CABINET 3"=1'-0"



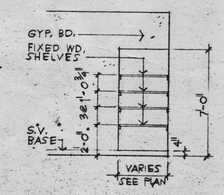
18 / A5.1 TOWEL OR GRAB BAR 1½"=1'-0"



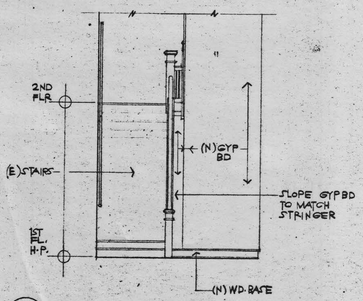
19 / A5.1 WAINSCOT / FLOOR 3" = 1'-0"



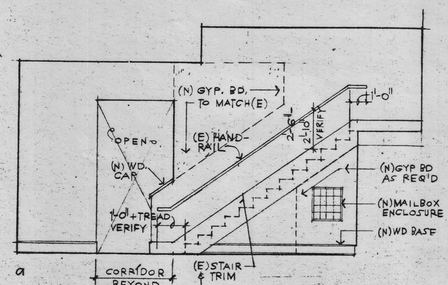
18 / A5.1 KITCHEN C'TRTOP 3" = 1'-0"



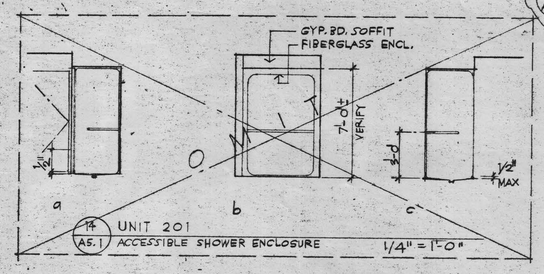
17 / A5.1 TYP. BOOKCASE 1¼" = 1'-0"



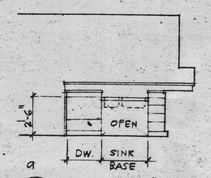
16 / A5.1 STAIR #2

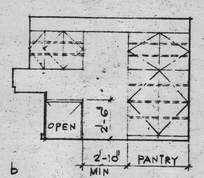


15 / A5.1 STAIR #1 STAIR 2 HANDRAIL SIM. 1/4" = 1'-0"

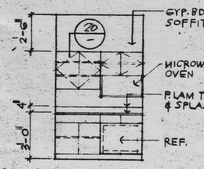


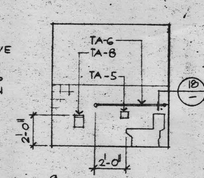
14 / A5.1 UNIT 201 ACCESSIBLE SHOWER ENCLOSURE 1/4" = 1'-0"



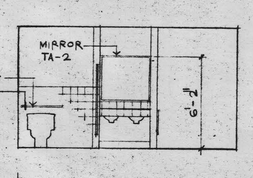


13 / A5.1 UNIT 201 KITCHEN 1/4" = 1'-0"

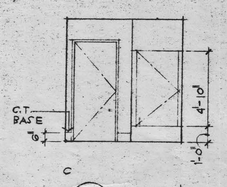


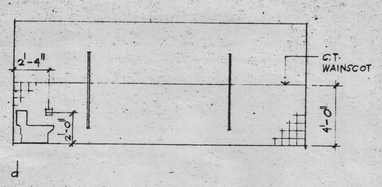


12 / A5.1 MULTI-PURPOSE RM

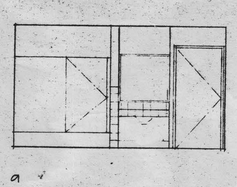


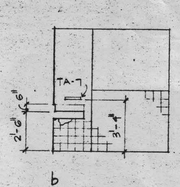
11 / A5.1 WOMEN'S TOILET 1/4" = 1'-0"





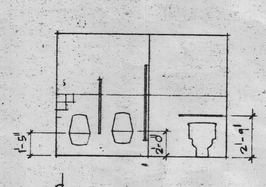
11 / A5.1 WOMEN'S TOILET All Accessible/Adaptable Units See RFI 64.0

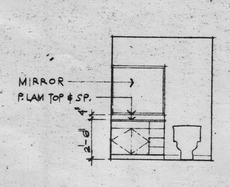




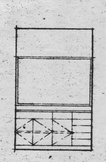
10 / A5.1 MEN'S TOILET 1/4" = 1'-0"

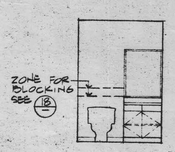


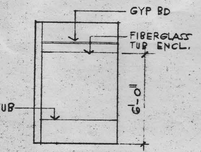




9 / A5.1 UNIT 208, 308 1/4"=1'-0"

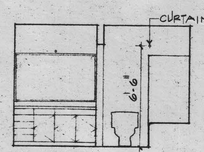




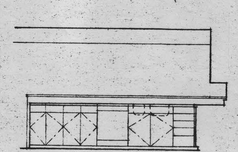


8 / A5.1 TYP. TOILET 2

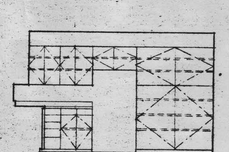
7 / A5.1 UNIT 201, 301 TOILET 1 - TYP. ALL OTHER UNITS



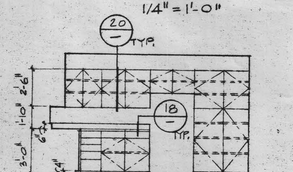
6 / A5.1 UNIT 201, 301 TOILET 2



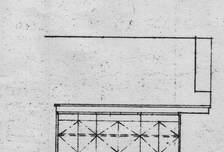
5 / A5.1 UNIT 116 - KITCHEN UNIT 114, 115 OPP. HAND

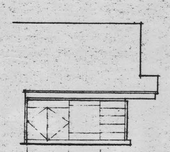


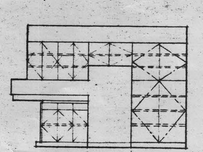
1/4" = 1'-0"



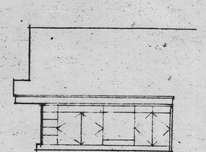
4 / A5.1 UNIT 207, 307 - KITCHEN TYPICAL NOTES AND DIMS. FOR ALL KITCHENS 1/4" = 1'-0"



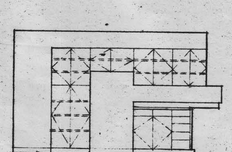




3 / A5.1 UNIT 301 1/4" = 1'-0"



2 / A5.1 UNIT 202, 302



1/4" = 1'-0"

1 / A5.1 UNIT 206, 306, 208, 308, UNIT 204, 304, 205, 305 OPP. HAND 1/4" = 1'-0"

TYP. CALL UNITS

MWM ARCHITECTS, INC.
Architecture · Planning · Interior Design
2333 Harrison, Oakland, California 94612
Tel (510) 832-5242 Fax (510) 832-3022

CALIFORNIA STATE FIRE MARSHAL
APPROVED

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY SUPERSEDING OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.

REVIEWED BY

Date Submitted for Construction
24 February 1992

Job No.
1-1841.50

Drawn
ALC

Checked

Approved for the Owner

Approved for the Architect

LICENSED ARCHITECT JUDITH LYNN RONE No. C-10158 7 MAY 1993 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING 20 JAN. 1992	
6	REVISION	4 SEP. 1992

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPROVED UNDER NO. 72-351
APPROVAL of this plan does not constitute or approve any deviation or variation from applicable regulations.
Reviewed by

PRESENTATION FACULTY HOUSING

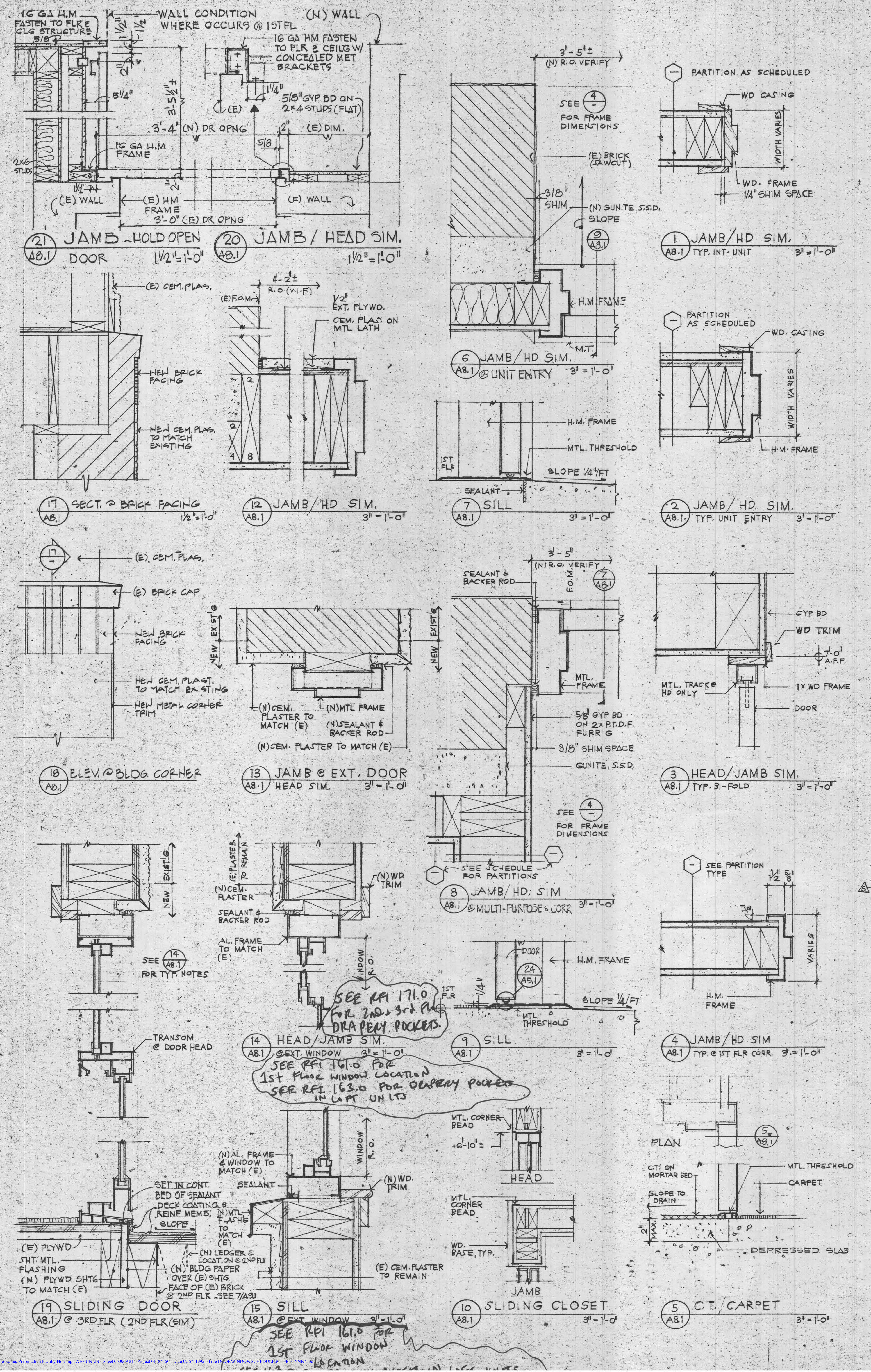
EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

AS-BUILT

INTERIOR ELEVATIONS

Sheet No.
A5.1

Revised File Name: Presentation Faculty Housing z AE 05.NLA5 - Sheet 00000A51 - Project 01184150 - Date 02-24-1992 - Title INTERIORELEVATIONS00 - Fluor NNNN.pdf



DOOR SCHEDULE

Notes:
1) GENERAL REMARKS
A. Door number = room number
B. Thickness = 1-3/4" unless scheduled otherwise herein
C. Ratings in minutes of time
D. Hardware groupings in specifications
E. Doors are single leaf unless scheduled as pair herein

2) FACING LEGEND
1=Aluminum
2=HOLLOW METAL
3=Metal clad (Spec. Metal)
4=Plastic Laminate
5=Plywood Veneer
6=Hardboard
7=Rail & stile
8=
9=
10=

3) FINISH LEGEND
P=Painted
S=Stained
C=Custom per specification

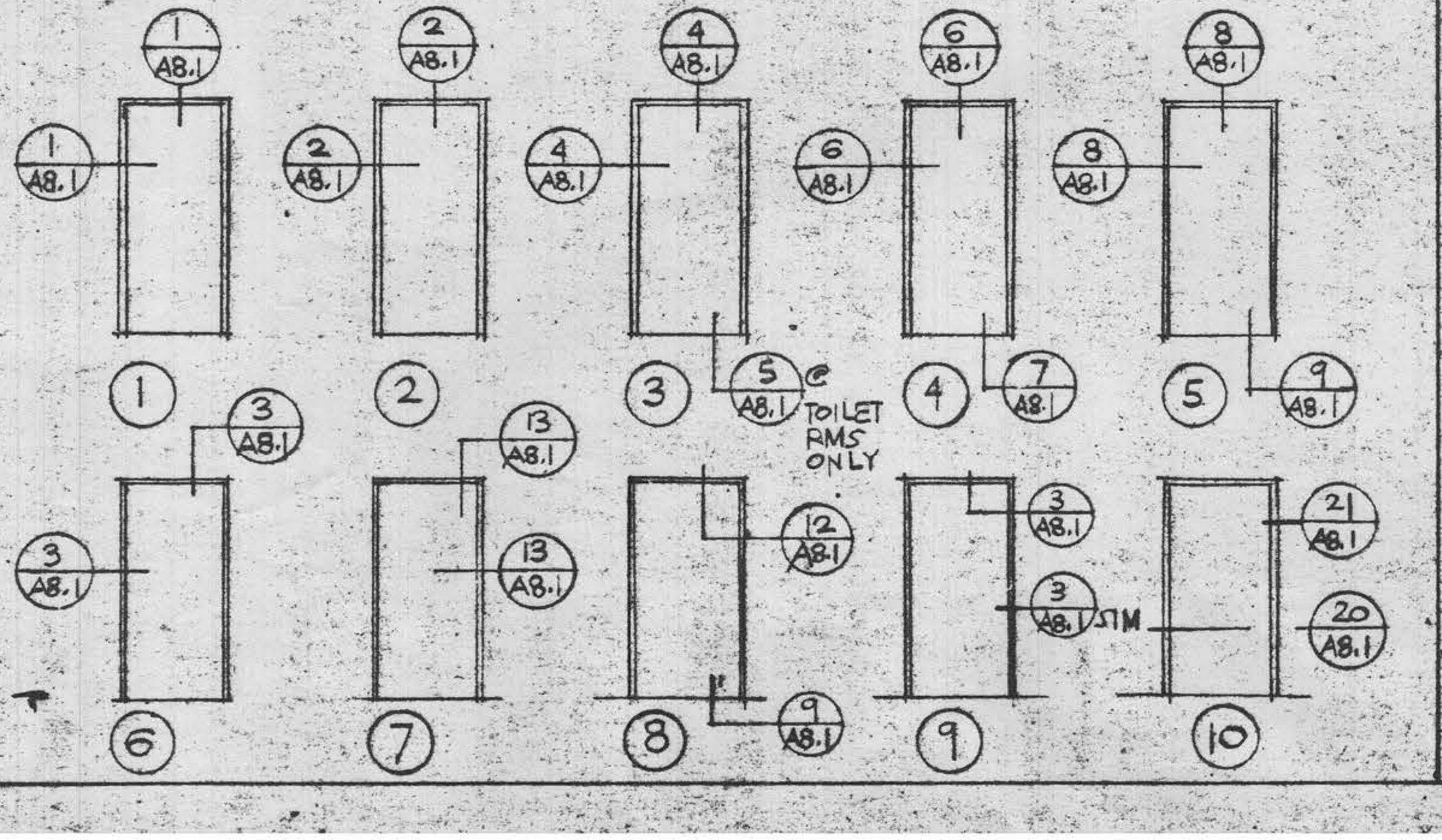
4) FRAME MATERIAL
HM=Hollow Metal
ALUM=Aluminum
STL=Steel
WD=Wood

5) THRESHOLD LEGEND
T1= PEMKO 276A
T2= PEMKO 236A
T3= PEMKO 274X4A

* PANIC HARDWARE

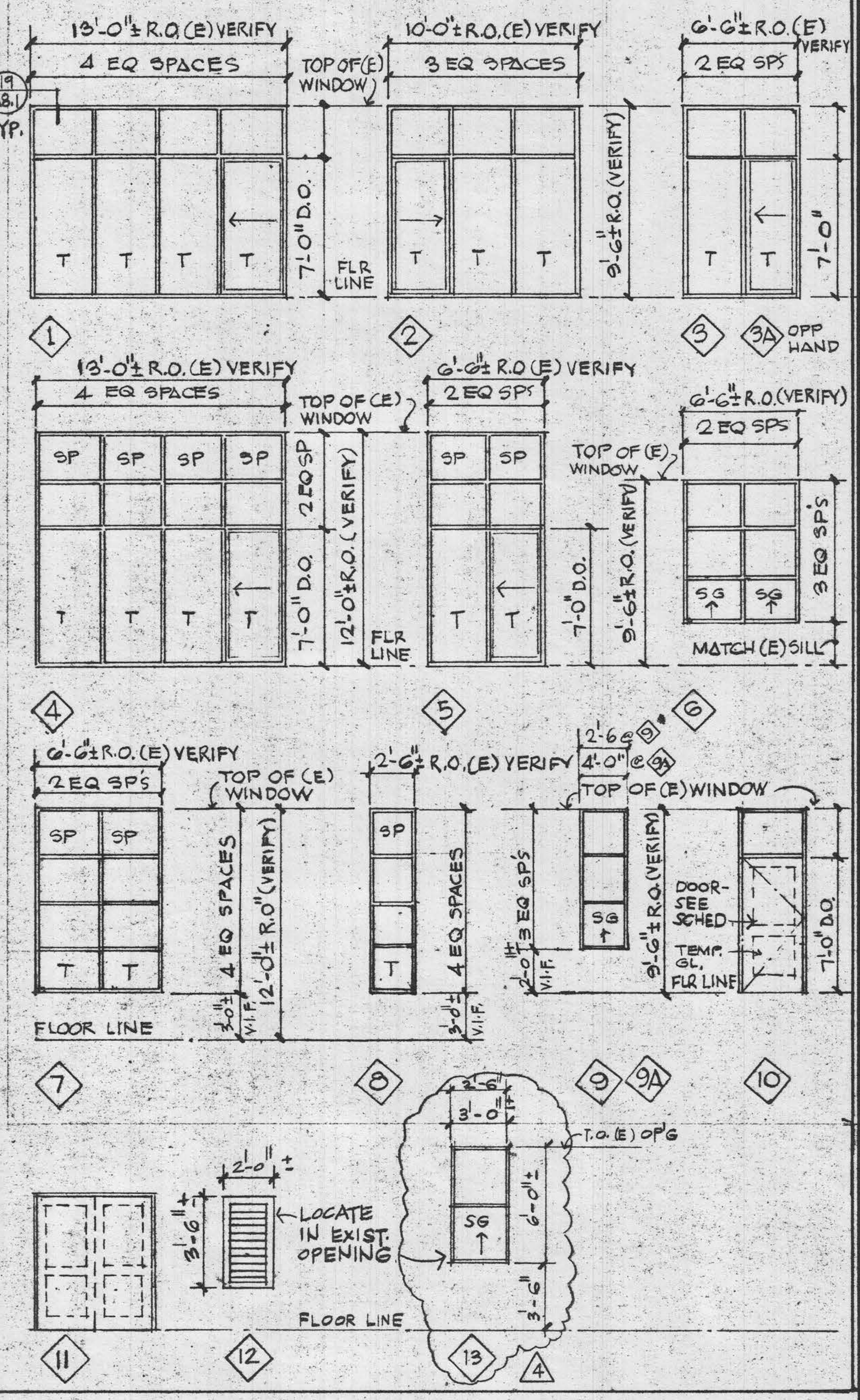
NUMBER	DOOR				FRAME			ASSEMBLY			NOTES
	PAIR	STYLE/FACING NOTE 2	THICKNESS NOTE 1	FINISH NOTE 3	OPENING	STYLE/MATERIAL NOTE 4	FINISH NOTE 3	RATING NOTE 1	HARDWARE NOTE 1	THRESHOLD NOTE 5	
101		H/1	1¾	–	5-0x7-0	5/HM	P	–	*	T1	WEST EXIT DOOR
102		A/4	1¾	–	3'-0"x7'-0"	3/HM	–	20MIN	7	T2	MEN'S ROOM
103		A/4	1¾	–	3'-0"x7'-0"	3/HM	–	20MIN	7	T2	WOMEN'S ROOM
104A		D/2	1¾	P	3'-6"x7'-0"	19/HM	–	20MIN	11	–	ELEC. HOLD OPEN
105		A/4	1¾	–	3'-0"x7'-0"	3/HM		60MIN	*	–	MULTI-PURPOSE RM
105A		F/4	1¾	–	3'-0"x7'-0"	3/HM		60MIN	9	–	ELEV. MACH. RM
105B	•	CC/7	1⅜	P	3'-0"x7'-0"	9/WD		–	14	–	KITCHEN @ MPR
105C		H/1	–	C	3'-0x7'-0"	5/AL		–	*	T3	EXTERIOR COURT
105D		H/1	–	C	3'-0x7'-0	5/AL		–	*	T3	↓
105E		H/1	–	C	3'-0x7'-0	5/AL		–	*	T3	
106		F/2	1¾	P	3'-0"x7'-0"	3/HM	P	–	6		MPR STORAGE
107	•	FF/2	1¾		3'-0"x7'-0"	3/HM		60MIN	7		TENANT STORAGE
107A		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
107B		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
107C		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
107D		E/2	1¾		3'-0"x6'-8	3/HM		–	5		
107E		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
107F		E/2	1¾		3'-0"x6'-8	3/HM		–	5		
107G		E/2	1¾		3'-0"x6'-8	3/HM		–	5		
107H		E/2	1¾	↓	3'-0"x6'-8"	3/HM	↓	–	5		
107I		E/2	1¾	P	3'-0"x6'-8"	3/HM	P	–	5		
107J		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
107K		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
107L		E/2	1¾	↓	3'-0"x6'-8"	3/HM	↓	–	5		↓
108	•	FF/2	1¾	P	3'-0"x6'-8"	3/HM	P	60 MIN	10		MECH RM
109		F/2	1¾		3'-0"x6'-8	3/HM		–	6		ELECT. RM
110		F/2	1¾		3'-0" 7'-0"	4/HM		–	6		TENANT STORAGE
110A		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
110B		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
110C		E/2	1¾		3'-0"x6'-8"	3/HM		–	5		
110D		E/2	1¾	↓	3'-0"x6'-8"	3/HM	↓	–	5		↓
111		I/1	1¾		6'-0"x7'-0"	7/HM		–		T3	SOUTH ENTRY
209	•	I	–		6'-0"x7'-0"	/HM		–			NORTH ENTRY
209A	•	FF	1¾	P	5'-0"x7'-0"	19/HM	P	20MIN	8		ELECTRIC HOLD OPEN
209B		F	1¾		3'-6"x7'-0	19/HM		20MIN	11		ELECTRIC HOLD OPEN
210		F/2	1¾	↓	3'-0"x6'-8	2/HM	↓	20MIN	9		JANITOR
310		D/2	1¾	P	3'-6"x7'-0"	19/HM	P	20MIN	11		ELECTRIC HOLD OPEN
311		F/2	1¾	P	3'-0"x6'8	2/HM	P	20MIN	9	T2	JANITOR
A		A/3	1¾	P	3'-0"x6'-8	2/HM	P	20MIN	1A	T4	UNIT ENTRY
B1		A/6	1¾	P	2'-10"x6'-8	1/WD	P	–	2		TOILET 1, 2
~~B2~~		~~A/6~~	~~1¾~~		~~2'-6"x6'-8~~	~~1/WD~~		–	~~2~~		~~TOILET 2~~
C1		A/6	1¾		2'-10"x6'-8	1/WD		–	2		BEDROOM
D1		B/6	–		7'-0"x6'-8"			–	13		SLID'G CLOS DRS
D2		B/6	–		5'-6"x6'-8			–	13		↓
E1		CC/6	1⅜		5'-6"x6'-8"			–	14		LAUNDRY
E2		CC/6	1⅜		3'-6x6'-8"			–	14		STORAGE CLOS.
E3		C/6	1⅜		2'-6"x6'-8			–	14		LINEN CLOSET
E4		C/6	1⅜		2'-0"x6'-8"			–	14		ENTRY CLOS.
E5		CC/6	1⅜		4'-6x6'-8"			–	14		ENTRY CLOS.
E6		C/6	1⅜	↓	3'-0"x6'-8		↓	–	14		
114		H/1	1¾	P	3'-0"x7'-0"	4/HM	P			T1	UNIT STRF'T ENTRY
114A		H/1	1¾		3'-0"x7'-0"	4/HM					
115		H/1	1¾		3'-0"x7'-0"	4/HM					
115A		H/1	1¾		3'-0"x7'-0"	8/HM					
116		H/1	1¾		3'-0"x7'-0"	8/HM					
116A		H/1	1¾		3'-0"x7'-0"	8/HM				↓	↓
116B		A/4	1¾	↓	3'-0"x7'-0"	3/HM	↓	20MIN		T4	UNIT 116/@ CORR.

DOOR FRAME STYLE

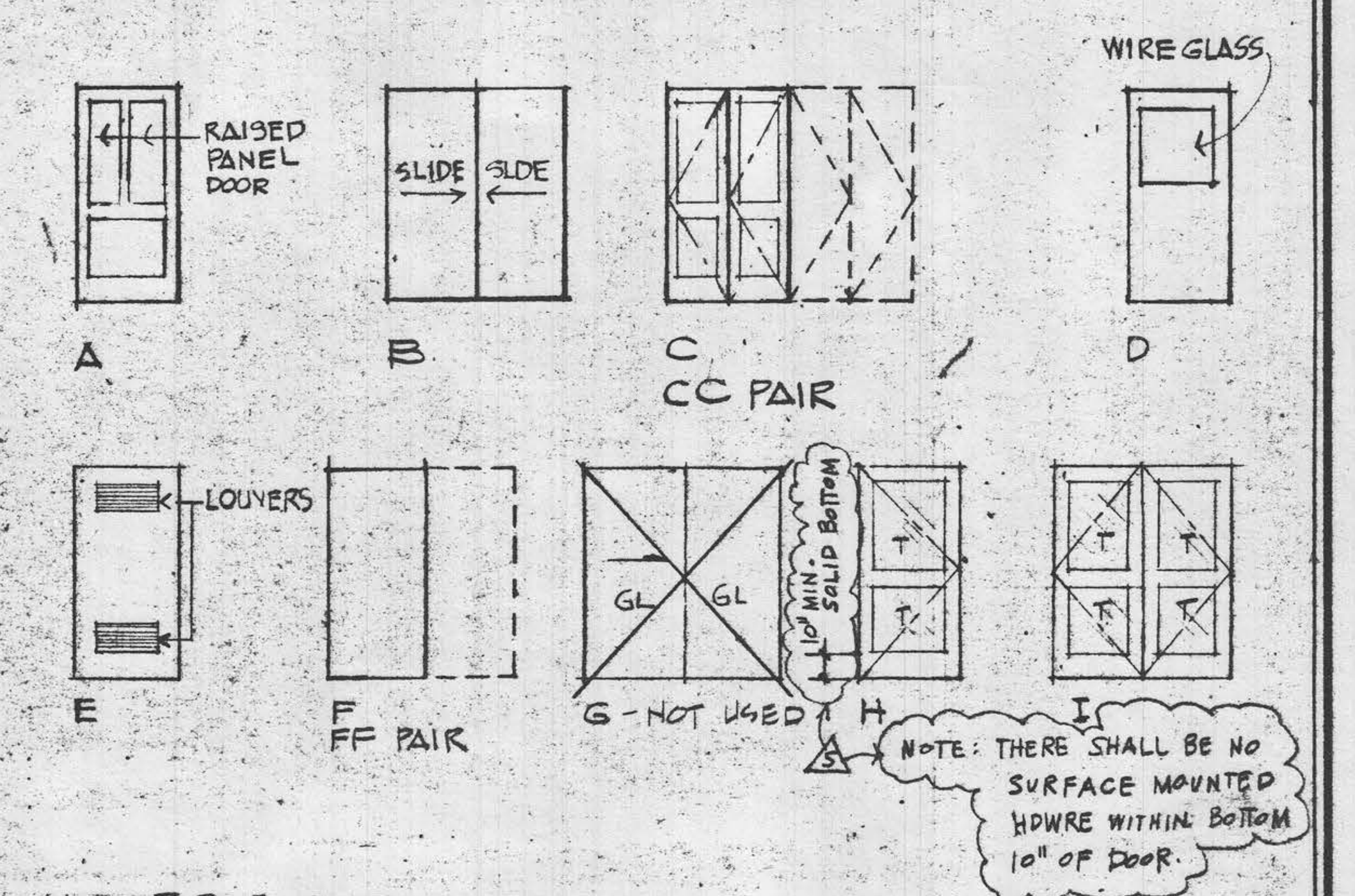


WINDOW - LOUVER - PANEL SCHEDULE

STOREFRONT/WINDOW STYLE



DOOR STYLES



NOTES:

1. ABBREVIATIONS

HMG HOLLOW METAL GALV.
SC SOLID CORE WOOD EXCEPT STILE, RAIL LOUVERED DR
S - STEEL
S.S - STAINLESS STEEL
ALG - ALUMINUM / GLASS
P - PAINTED OPAQUE FINISH
EP - EPOXY PAINTED OPAQUE FIN.
F - FACTORY COATED FINISH
HC. - HOLLOW CORE
(E) - EXISTING
(N) - NEW
SP - SPANDREL PANEL
T - TEMPERED GLASS
SG - SINGLE HUNG WINDOW

2. DOOR NUMBERS
A TYPICAL
201 — DOOR NUMBER — FLOOR LEVEL NUMBER
B TYP. LIVING UNIT NUMBER A 4 DR NUMBER (A, B, C, D, E ETC)

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CALIFORNIA STATE FIRE MARSHAL
APPROVED

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.

REVIEWED BY

Date: Submitted for Construction 24 February 1992
Job No. 1-1841.50
Drawn ALC, CRI
Checked
Approved for the Owner
Approved for the Architect

LICENSED ARCHITECT JUDITH LYNN ROWE No. C-10158 31 MAY 1993 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING	20 JAN. 1992
2	REVISION	1 JUNE 1992
4	REVISION	6 JULY 1992
5	REVISION	27 JULY 1992

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
74351 JUL 29 '92
APPROVAL of this plan does not authorize or approve any omission or deviation from applicable regulations.
Reviewed by

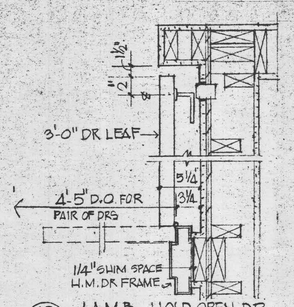
PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

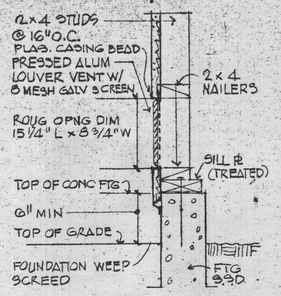
DOOR + WINDOW SCHEDULES DETAILS

Sheet No.
AS-BUILT
A8.1

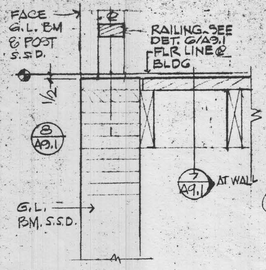
Revised File Name: Presentation Faculty Housing - AE 0UNLIS - Sheet 00000A81 - Project 01184150 - Date 02-24-1992 - Title DOORWINDOWSCHEDULES0 - Floor NNNN.pdf



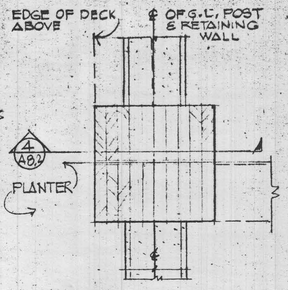
19 A8.2 JAMB - HOLD OPEN DR AT 209A 1½"=1'-0"



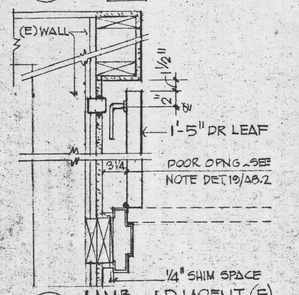
14 A8.2 FOUNDATION VENT 1½"=1'-0"



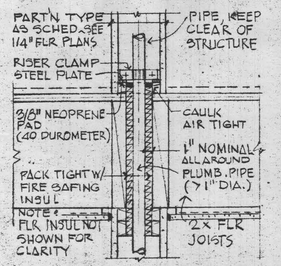
8 A8.2 SECT. @ DECK LOOKING TOWARDS BLDG



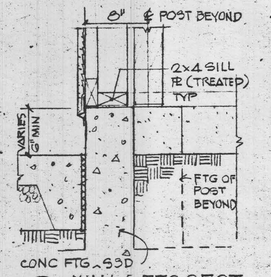
3 A8.2 PLAN SECT. @ POST ADJACENT PLANTER 1½"=1'-0"



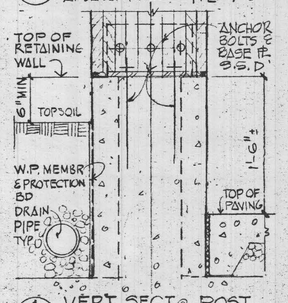
20 A8.2 JAMB - ADJACENT (E) WALL @ DR 209A 1½"=1'-0"



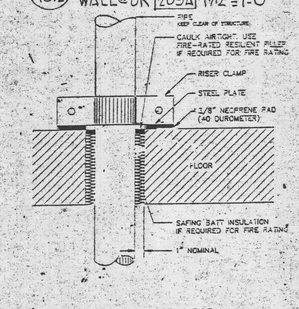
15 A8.2 TYP. ACOUS. TREATMENT OF PLUMB PIPES > 1"



9 A8.2 WALL & FTG SECT. @ DECK 1½"=1'-0"

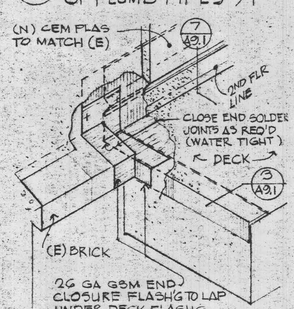


4 A8.2 VERT. SECT @ POST 1½"=1'-0"



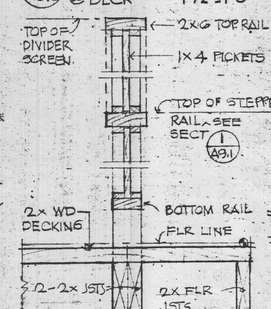
ACOUSTICAL TREATMENT OF LARGE PLUMBING PIPES (> 1" DIA.) PENETRATING FLOOR

21 A8.2

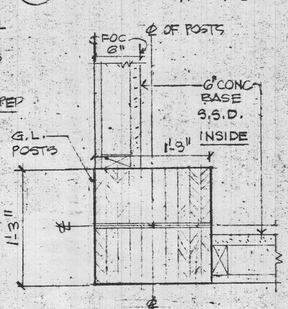


NO SCALE

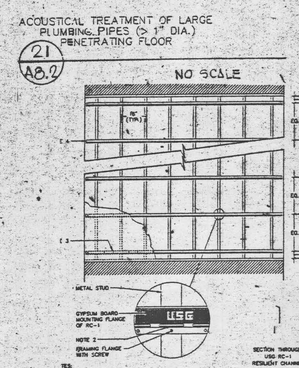
16 A8.2 ISOMETRIC @ DECK & WALL MET FLASHG



10 A8.2 DECK DIVIDER SCREEN 1½"=1'-0"



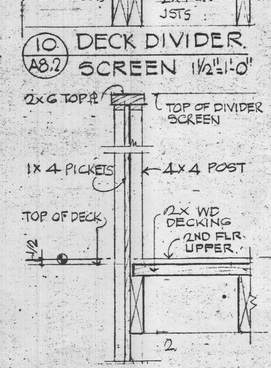
5 A8.2 PLAN-SECT @ POST & FTG 1½"=1'-0"



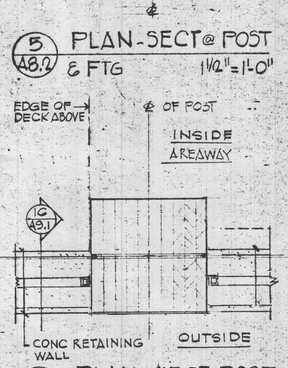
NOTES:
16" ON CENTER UNLESS OTHERWISE SPECIFIED
CENTER TRUC ON STUD
AVOID BUTTING EXISTING GYPSUM BOARD TO CHANNEL
GYPSUM BOARD SCREWS MUST NOT CONTACT FRAMING
HOLD BACK 1" FROM INTERSECTING SURFACES

22 A8.2 INSTALLATION GUIDE FOR USG RC-1 RESILIENT CHANNEL

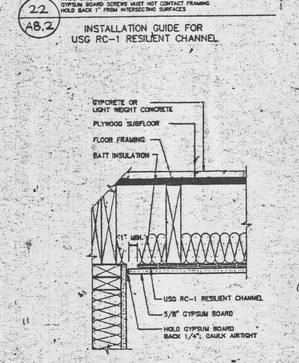
17 A8.2 BASE FLASH'G @ DECK 3"=1'-0"



11 A8.2 DIVIDER SCREEN 1"=1'-0"

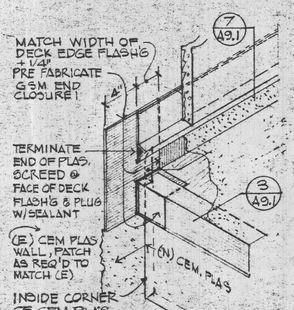


6 A8.2 PLAN - SECT POST & MET FENCE 1½"=1'-0"

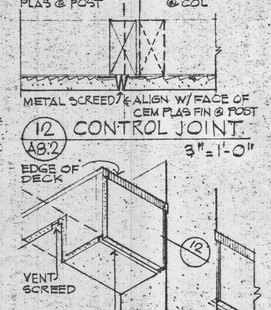


RESILIENT CHANNEL CONSTRUCTION FLOOR/PARTITION INTERSECTION

23 A8.2

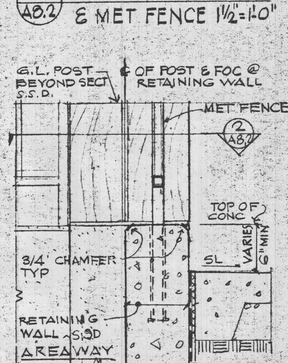


18 A8.2 ISOMETRIC OF DECK & WALL MET. FLASH'G NO SCALE



12 A8.2 CONTROL JOINT 3"=1'-0"

13 A8.2 ISOMETRIC @ DECK



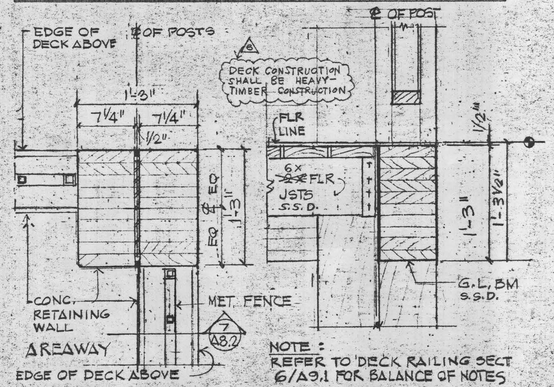
7 A8.2 VERT. SECT. - ELEV.

PARTITION SCHEDULE

TYPE	SECTION
G / 2	PARTITION AS SCHEDULED - SEE FLOOR PLANS; SEE FLR PLAN FOR DIM.; BOTT OF (E) STRUCT.; PERIMETER ACOUS SEALANT; CLG HGT VARIES; 2 x SOLID BLK'G.; WALL CAVITY; 2x4 STUDS @ 16" O.C.; 5/8" GYP BD TYPE "X"; CONDUIT; SEALANT AS REQ'D; 2x4 SILL PL; FIRE RATING - 1 HR UL U341; FLR FIN. AS SCHED.; TOP OF (E) STRUCT
H / H1	2x4 STUDS @ 16" O.C. 2-2x4 TOP PLS SAME AS H EXCEPT USE WATER RESISTANT GYP. BD; VARIES - SEE PLAN; (E) WALL 2x6 STUDS @ 16" O.C. W/ 5/8" TYPE 'X' GYP BD EACH SIDE FIRE RATING - 1 HR UL U305; UNDERSIDE OF (E) STRUCT OR SUB FLR; CLG HGT VARIES; 3½" S.A. BATT INSUL.; 2x4 SOLID BLKG; 5/8" GYP BD TYPE "X" OR WATER RESISTANT GYP. BD; FLR FIN. AS SCHED.; TOP OF (E) STRUCT.
I	2x SOLID BLKG OR NAILER WHEN WALL IS ⊥ TO CLG JSTS 2x CEILG JSTS; 2x4 FLAT @ 16" O.C.; FLR FIN. AS SCHED; FIRE RATING - NA; BOTT OF CLG JSTS; 2x HEADER; 2x SILL PL; TOP OF (E) STRUCT.
J	1x SUBFLR; 2x FLR FRMG; 5/8" PLYWD; FLOOR/CEILING ASSEMBLY; 5/8" TYPE "X" GYP BD; RES. CHANNEL; ALL FLOOR JOIST CHANNELS SHALL BE FIRE STOPPED INTO VOLUMES NOT EXCEEDING 160 CU. FT., TYP.; UL L502 FIRE RATING - 1 HR STC 50 - 55; WALL WHERE OCCURS FOR ACOUS, SEE 23 A8.2

FINISH SCHEDULE

GROUP	FLOOR	BASE	WALL	CEILING	ROOM TYPE NAMES & NOTES
A	Sheet Vinyl Type 1	Vinyl Type 1	Gypsum Board/ Painted	Gypsum Board/ Painted	Kitchen
B	Sheet Vinyl Type 2	COVE BASE	Gypsum Board/ Painted (water resistant)	Gypsum Board/ Painted	Toilet, janitor laundry
C	Carpet Type 1	Vinyl Type 2	Gypsum Board/ Painted	Gypsum Board/ Painted	Living/Dining, Bedroom, Closet, Entry, Storage
D	Carpet Type 2	Wood	Gypsum Board/ Painted	Gypsum Board/ Painted	Stairs, Corridors
E	Concrete/ painted	Vinyl Type 1	Gypsum Board/ Painted	Gypsum Board/ Painted	BOILER ROOM, Electrical, Tenant Storage
F	Ceramic Tile	Ceramic Tile Wainscot	Gypsum Board/ Painted (water resistant)	Gypsum Board/ Painted	Public Toilets
G	Sheet Vinyl Type 3	Vinyl Type 1	Gypsum Board/ Painted w/Chair rail	Gypsum Board/ Painted	Multi-purpose



2 A8.2 PLAN - CORNER POST 1½"=1'-0"

NOTE: REFER TO 'DECK RAILING SECT 6/A9.1 FOR BALANCE OF NOTES

1 A8.2 SECT @ DECK RAIL POST 1½"=1'-0"

See RFI 138.0

PARTITION SCHEDULE

TYPE	SECTION
A	PERIMETER ACOUS. SEALANT @ BOTH SIDES; EXISTING WALL; UNDERSIDE OF (E) STRUCT. OR SUB-FLR; (N) RESIL. CHANNEL @ 24" O.C. (N) GYP. BD TYPE "X" OR W.R. WHERE REQ'D; (E) 2x FRAMING; (N) 5/8" TYPE "X"; *GA FILE NO. WP 3230 (S1M-); FR: 1 HR; STC RATING: 50; * GYPSUM ASSOC., 12TH ED., 6/88; CORRIDOR SIDE
B / B1	PROVIDE DRAFTSTOP TO ROOF DECK @ 3RD FLR. TYP.; EXISTING WALL; 2-2x PLATES; SAME AS B EXCEPT W/OUT RES. CHANNEL ADD 1-LAYER PLYWD; UNDERSIDE OF (E) STRUCT.; PERIMETER ACOUS SEALANT @ BOTH SIDES; CEILING HGT VARIES; SHEAR PLYWD; (N) RESILIENT CHANNEL; 2-5/8 TYPE 'X' GYP BD; (E) 2x FRAMING; (N) 5/8" TYPE "X" GYP. BD; WATER RESISTANT WHERE REQ'D; UL U3230; FIRE RATING: 1 HR; STC RATING: 50; FLR. FIN AS SCHED.; TOP OF (E) STRUCT; UNIT SIDE; CORRIDOR SIDE
C / C1 / C2 / C3	PROVIDE DRAFTSTOP TO ROOF DECK @ 3RD FL. TYP.; GRID LINE (WHERE OCCURS); 2-2x6 TOP PLATES CONT.; UNDERSIDE (E) STRUCT OR SUB FLOOR; 2-2x8 TOP, 1-2x8 BOT., TYP.; CEILING WHERE OCCUR HGT VARIES; SAME AS C EXCEPT PLYWD ONE SIDE ONLY, S.S.D.; 2x4 STUDS @ 16" O.C. STAGGERED 8" O.C. ON 2x X PL CONT; SAME AS C1 EXCEPT NO PLYWD.; 5/8" TYPE 'X' GYP. BD. @ BOTH SIDES, TYP.; 2x FIREBLKG AS REQ'D; 3½" S.A. BLANKET INSL.; PERIMETER ACOUS. SEALANT @ BOTH SIDES; FIRE RATING: 1 HR; STC RATING: 50; UL U340; ½" PLYWD, BOTH SIDES; FLR FIN. AS SCHED; TOP OF (E) STRUCT.; NOTE: USE 3x N.O., S.S.D.
D / D1 / D2 / D3 / D4	CLG HGT VARIES; 2x4 @ 16" O.C. W/OUT INSULATION SAME AS D EXCEPT; 2x6 SAME AS D EXCEPT ADD INSULATION; SAME AS D1 EXCEPT ADD INS. & GYP BD (PLUMBING WALL) PIPE W.O.; SAME AS D3 EXC. 2x8; UL U333 FIRE RAT.: 1 HR STC: 40; BOTTOM OF (N) 2x CLG JSTS OR MTL FURRING CS; 2-2x TOP PLS CONT; 5/8" TYPE "X" GYP. BD @ BOTH SIDES W.R. GYP BD WHERE REQ'D; 2x SOLID FIRE BLKG TYP.; 3½" S.A. BLANKET INSUL AS NOTED; 2x SILL PL CONT; FLR. FIN AS SCHEDULED; TOP OF (E) STRUCT.; ROOM (QUIET); PLUMBING SIDE
E / E1 / E2	2x4 STUDS @ 16" O.C.; SAME AS E EXCEPT USE 2x6 STUDS; 2x CLG JSTS @ 16" O.C.; UNDERSIDE OF (E) STRUCT OR SUB FLR; BOTTOM OF (N) 2x CLG. JOISTS OR MTL FURRING CS; 3½" S.A. BLANKET; 5/8" TYPE "X" GYP BD @ BOTH SIDES; 2x SOLID FIRE BLKG - TYP; UL U333 FIRE RATING 1-HR STC RATING 46; 2x SILL PL CONT.; TOP OF (E) STRUCT.
F	SEE NOTES A-9.1; BOTT OF (E) JSTS; 2-2x4 TOP PL'S; 2x CLG JSTS; (E) BRICK WALL; OUTSIDE FACE; CLG HGT VARIES 2x4 @ 16" O.C., 3½ S.A. BLANKET INSUL; 4" SHOTCRETE - S.S.D.; 5/8" GYP BD TYPE 'X'; TS COL - CONCEAL IN WALL W.O., S.S.D.; CONC FLR SLAB FLR FIN AS SCHED; VARIES; FIRE RATING: N/A

TYPE X WATER RESISTANT GYPBOARD AT WET LOCATION IN BATH ROOMS. REFERENCE RP 3 136.0

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See RFI 153.0 for 3rd Floor Ceiling Joists Spacing

CALIFORNIA STATE FIRE MARSHAL

APPROVED

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.

REVIEWED BY:

Date Submitted for Construction 24 February 1992

Job No. 1-1841.50

Drawn CRI, ALC

Checked

Approved for the Owner

Approved for the Architect

LICENSED ARCHITECT KEITH LYNN ROWE No. C-10158 31 MAY 1993 STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING 20 JAN. 1992	
4	REVISION 1 JUNE 1992	
6	REVISION 4 SEPT 1992	

OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE SECTION
ACCESS FOR PERSONS WITH DISABILITIES
7-1351 12-27-93
APPROVAL OF this plan does not authorize or approve any omission or deviation from applicable regulations.
Reviewed by

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

PARTITION + FINISH MATERIAL SCHEDULES

Sheet No.

AS-BUILT

A8.2

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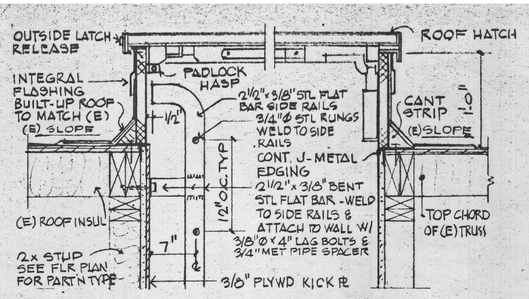
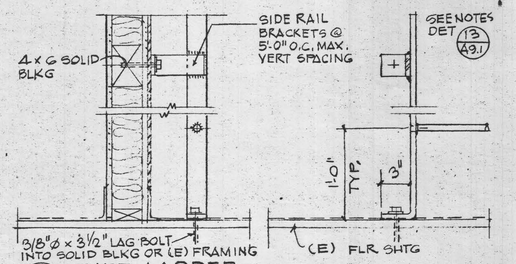


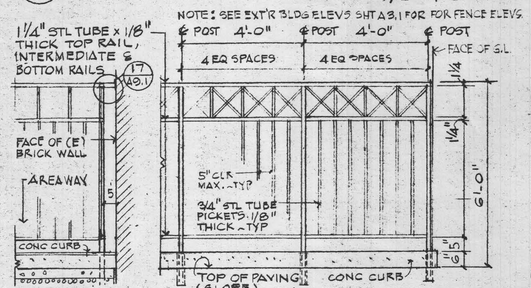
13 A9.1 ROOF HATCH & METAL LADDER

1½" = 1'-0"



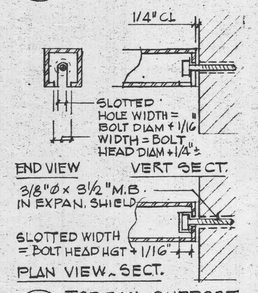
14 A9.1 MET. LADDER

1½" = 1'-0"

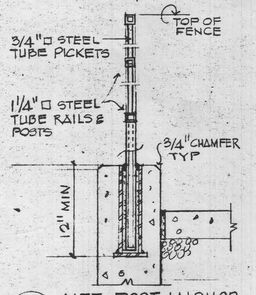


15 A9.1 PARTIAL ELEVATION - METAL FENCE TYP.

1½" = 1'-0"

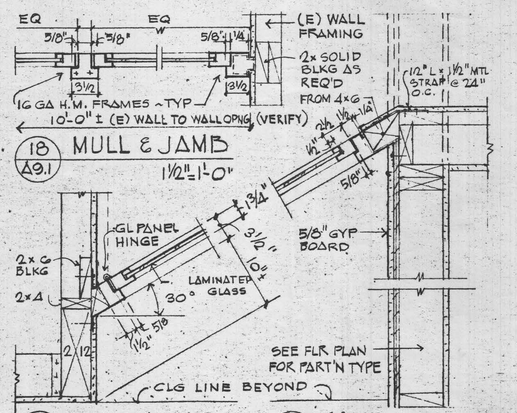


17 A9.1 TOP RAIL SUPPORT AT (E) BRICK WALL



16 A9.1 MET. POST ANCHOR

1½" = 1'-0"



18 A9.1 MULL & JAMB

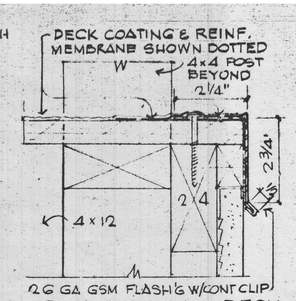
1½" = 1'-0"

20 A9.1 JAMB

1½" = 1'-0"

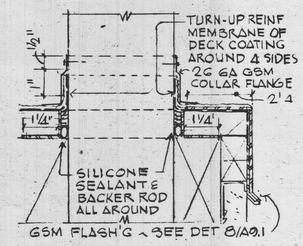
19 A9.1 JAMB

1½" = 1'-0"



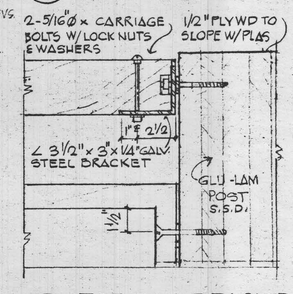
8 A9.1 MET FLASH'G @ DECK

6" = 1'-0"



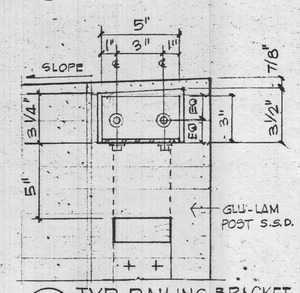
9 A9.1 DECK FLASH'G @ POST

6" = 1'-0"



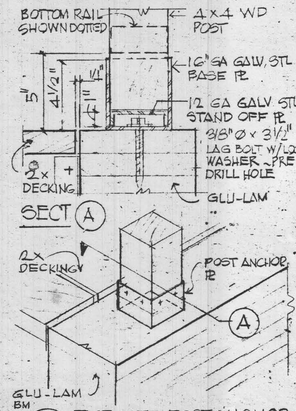
10 A9.1 TOP RAIL BRACKET

3" = 1'-0"



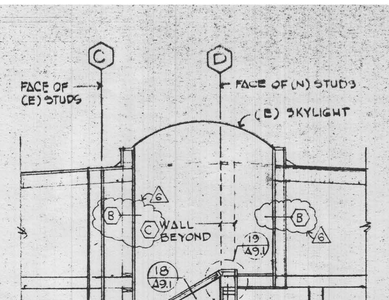
11 A9.1 TYP. RAILING BRACKET SUPPORT

3" = 1'-0"

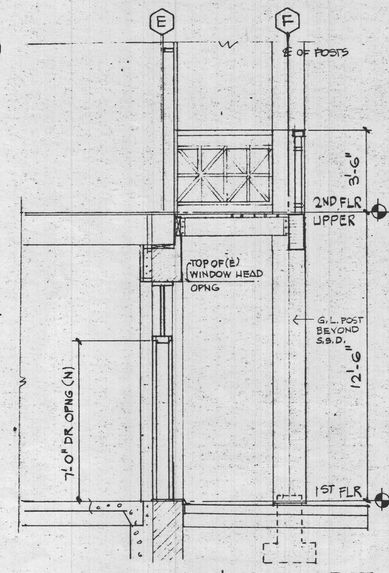


12 A9.1 TYP MET. POST ANCHOR @ DECK

NO SCALE

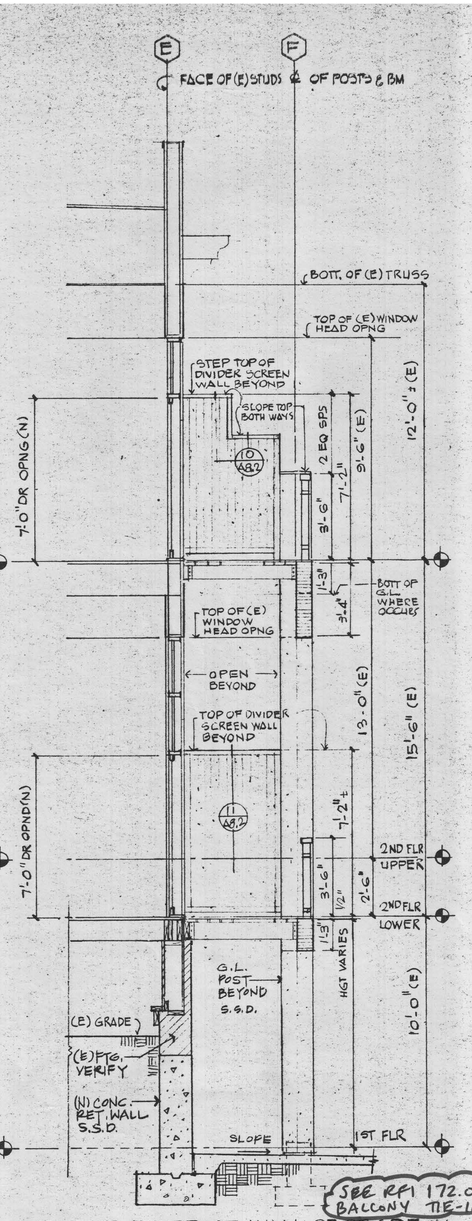


3 A9.1 PARTIAL SECT @ (N) CORR. & (E) SKYLIGHT



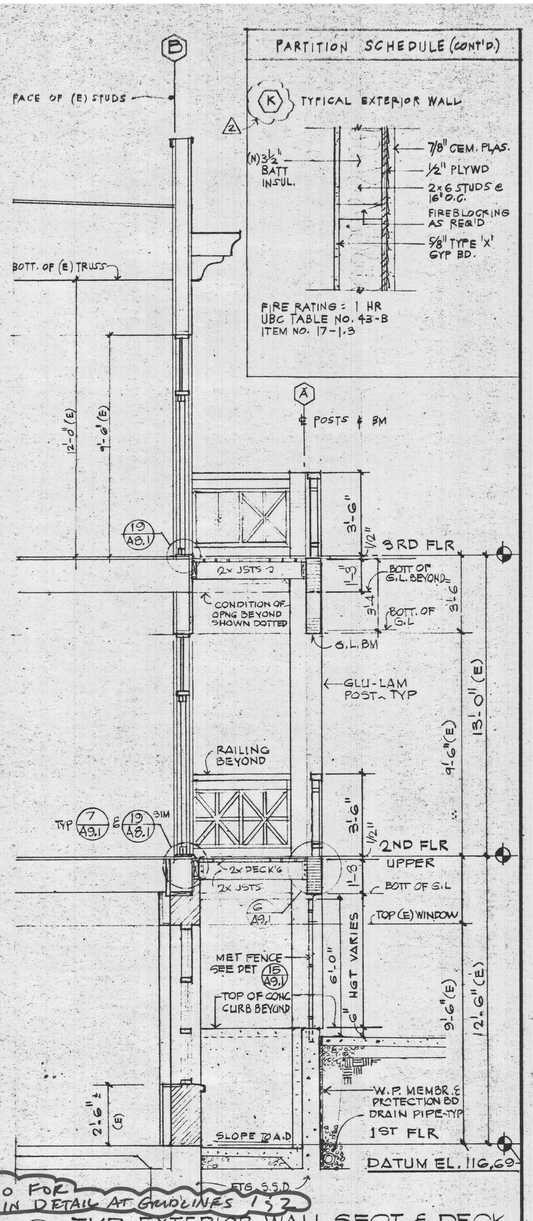
4 A9.1 PARTIAL EXT'R WALL SECT

3/8" = 1'-0"



2 A9.1 TYP. EXTERIOR WALL SECT. & DECK

3/8" = 1'-0"

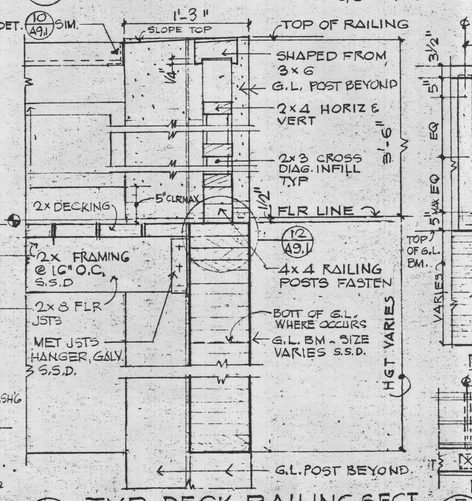


1 A9.1 TYP. EXTERIOR WALL SECT & DECK

3/8" = 1'-0"

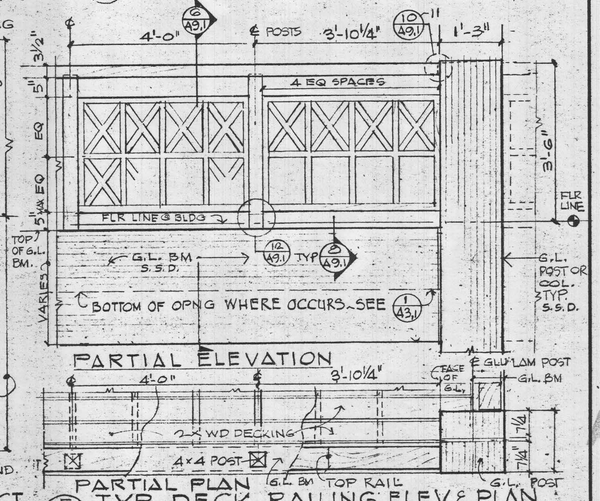
7 A9.1 DECK FLASH'G DET. & FNDN

1½" = 1'-0"



6 A9.1 TYP. DECK RAILING SECT.

1½" = 1'-0"



5 A9.1 TYP. DECK RAILING ELEV & PLAN

3/4" = 1'-0"

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Date Submitted for Construction 24 February 1992

Job No. 1-1841.50

Drawn CRI, ALC

Checked

Approved for the Owner

Approved for the Architect

LICENSED ARCHITECT No. C-10158 REGISTRATION EXPIRES 31 May 1993 STATE OF CALIFORNIA

No.	Revision	Date
	COORDINATION PRINTING 20 JAN. 1992	
4	REVISION 1 JUNE 1992	
6	REVISION 4 SEP 1992	

CALIFORNIA STATE FIRE MARSHAL
APPROVED 11/9/92
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY VIOLATION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.
OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE SECTION REFERENCE FOR THESE PLANS
74351 JUL 29 '92
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY VIOLATION OR DEVIATION FROM APPLICABLE REGULATIONS.
Reviewed by

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

EXTERIOR DETAILS

Sheet No.

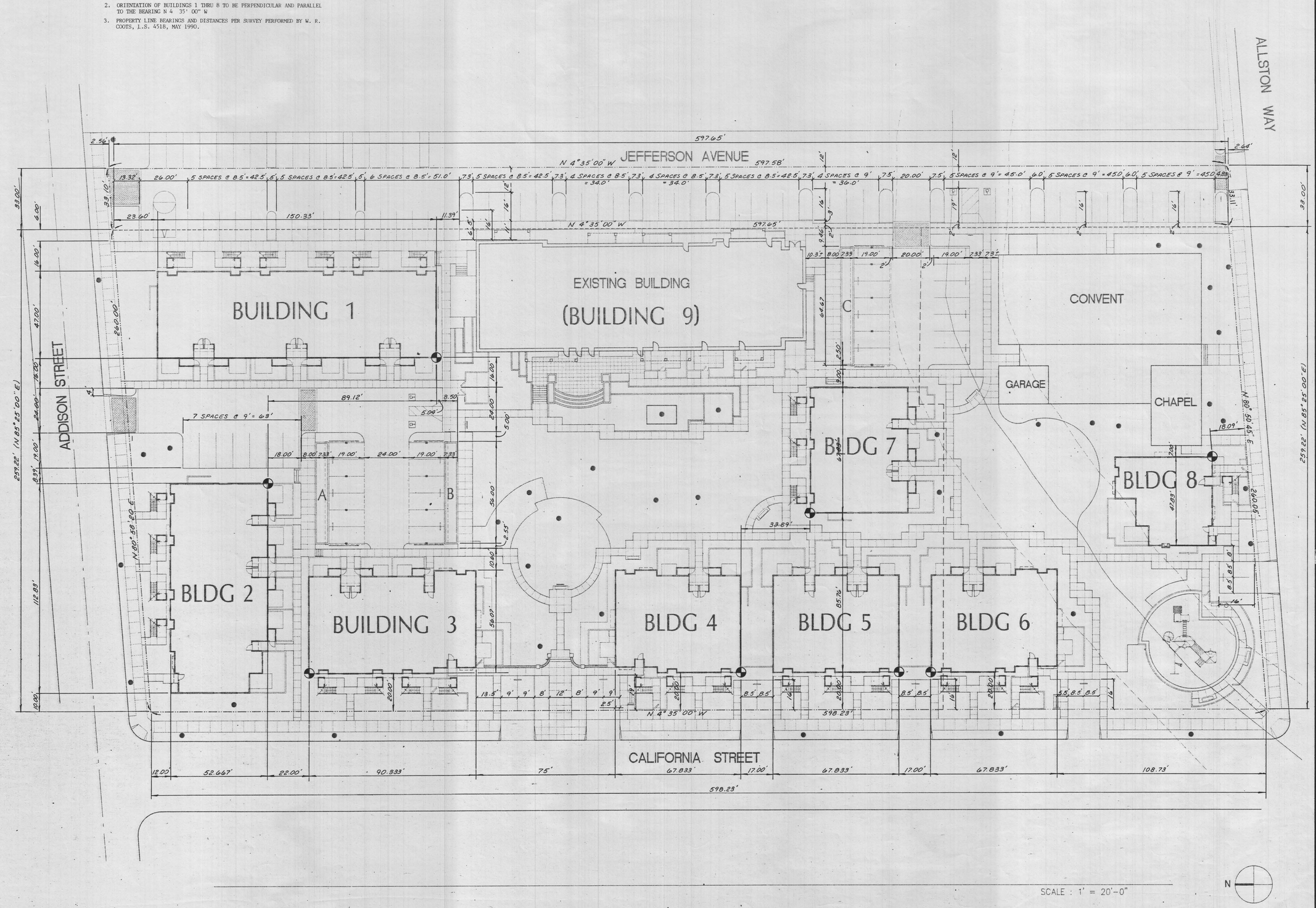
AS-BUILT

A9.1

Revised File Name: Presentation Faculty Housing - All Units.dgn - Sheet 9000XAH - Project 01184150 - Date 02-24-1992 - Title EXTERIOR DETAILS 900000 - Floor 9000XAH

GENERAL NOTES

1. BUILDING DIMENSIONS ARE TO FACE OF STUD, TYP.
2. ORIENTATION OF BUILDINGS 1 THRU 8 TO BE PERPENDICULAR AND PARALLEL TO THE BEARING N 4° 35' 00" W
3. PROPERTY LINE BEARINGS AND DISTANCES PER SURVEY PERFORMED BY W. R. COOTS, L.S. 4518, MAY 1990.



SCALE : 1' = 20'-0"

N

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KISTER SAVIO & REI, INC.
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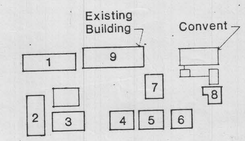
3095 RICHMOND PARKWY SUITE 214
RICHMOND, CALIFORNIA 94806
(510) 222-4020 FAX (510) 222-3718



KEY PLAN N

Date Submitted for Construction 24 February 1992
Job No. 1-1841.50
Drawn J.C.
Checked
Approved for the Owner
Approved for the Architect

MICHAEL P. REI
RCE 13810
EXP 3-31-93

No.	Revision	Date
	COORDINATION PRINTING	27 JAN. 1992

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

HORIZONTAL LAYOUT

RECEIVED
MAY 11 1992
Razzano Assoc.
Structural E.

Sheet No.

C1.0

Code # : 180 A&E # : 51028

D:\Project File Name\Book_2\1773 - KISTER\C1 - 1-1841.50\MWM_1-1841.50\MICHAEL\HORIZONTALLAYOUT\C1.0_LAYOUT.dgn
Received Date
FEB 18/92
Reason For Plot: Name: Presentation Faculty Housing - AE 051028 - Sheet 00000C10 - Project 10184150 - Date 02-24-1992 - Title HORIZONTALLAYOUT00000 - Floor NNNN.pdf

LEGEND

Ex.	EXISTING
P	PROPOSED PAVEMENT ELEVATION
W	PROPOSED SIDEWALK ELEVATION
TC	PROPOSED TOP OF CURB ELEVATION
TW	PROPOSED TOP OF WALL ELEVATION
A.D.1	AREA DRAIN TYPE NDS 75 OR EQ.
A.D.2	AREA DRAIN TYPE NDS 20 OR EQ.
F.D.	FLOOR DRAIN TYPE ZURN ZB-400 VP TYPE H OR EQ.
.....	SUBSURFACE DRAINAGE SYSTEM, PIPE SIZE AS SHOWN SDR 35 PVC, SLOPE = 1% MIN.
-.-.-	PROPOSED EARTH SWALE, 3" MIN. DEPTH, SLOPE = 2% MIN.
C.B.	CATCH BASIN, SANTA ROSA TYPE 2K W/ STANDARD FRAME & GRATE OR EQ.
.....	PERFORATED PIPE FOUNDATION DRAIN, 4" SCH. 80 PVC, SLOPE = 1% MIN.
C.O.	CLEANOUT
- - -	GRADE BREAK
G	PROPOSED GROUND ELEVATION
→	PROPOSED DRAINAGE DIRECTION
V V	PROPOSED SLOPE BANK, 2:1 OR FLATTER

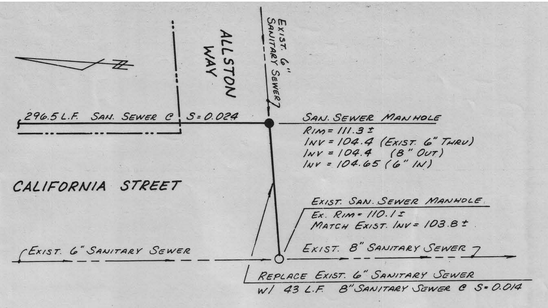
GENERAL NOTES

1. EXCEPT AS OTHERWISE SPECIFIED ON THESE PLANS AND IN THE PROJECT SPECIFICATIONS, ALL WORK SHALL BE DONE IN ACCORDANCE WITH UNIFORM BUILDING CODE (LATEST ADOPTED VERSION) AND ALL THE APPLICABLE BUILDING CODES AND ORDINANCES AS ADOPTED BY THE CITY OF BERKELEY.
2. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT MATT REI AT (510)222-4020 FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
3. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT, (800)642-2444, 48 HOURS PRIOR TO ANY EXCAVATION. THE USA AUTHORIZATION NUMBER SHALL BE KEPT AT THE JOB SITE.
4. UNLESS DIRECTED OTHERWISE, CONTRACTOR SHALL REMOVE EXISTING IMPROVEMENTS INCLUDING PAVING, FOUNDATIONS, FENCING, TREES, ETC. IN CONFLICT WITH THE NEW WORK.
5. TRUNKS OF ALL EXISTING TREES TO REMAIN SHALL BE WRAPPED WITH SUITABLE PROTECTIVE MATERIALS AS DIRECTED BY THE LANDSCAPE ARCHITECT.
6. ASPHALT CONCRETE SHALL BE TYPE B 3/4" MAXIMUM SIZE, MEDIUM GRADING, IN CONFORMANCE WITH SECTION 39 OF CALTRANS SPECIFICATIONS.
7. AGGREGATE BASE SHALL BE CLASS 2, 3/4" MAXIMUM SIZE, IN CONFORMANCE WITH SECTION 26 OF CALTRANS SPECIFICATIONS, WITH A MINIMUM DURABILITY INDEX OF 25.
8. UNLESS OTHERWISE NOTED, CONCRETE SHALL BE CLASS A CONFORMING TO CALTRANS STANDARD SPECIFICATIONS.
9. CONCRETE WALKS TO HAVE A MAXIMUM SLOPE OF 5%.
10. SANITARY SEWER PIPES SHALL BE VITRIFIED CLAY PIPE (VCP) IN CONFORMANCE WITH ASTM C700, OR APPROVED EQUIVALENT.
11. STORM DRAINAGE PIPES SHALL BE REINFORCED CONCRETE PIPE (RCP) CLASS III IN CONFORMANCE WITH ASTM C76 WITH RUBBER GASKETED COMPRESSION JOINTS OR POLYVINYL CHLORIDE SDR 35 (PVC) IN CONFORMANCE WITH ASTM D3034.
12. PAVEMENT SECTIONS:

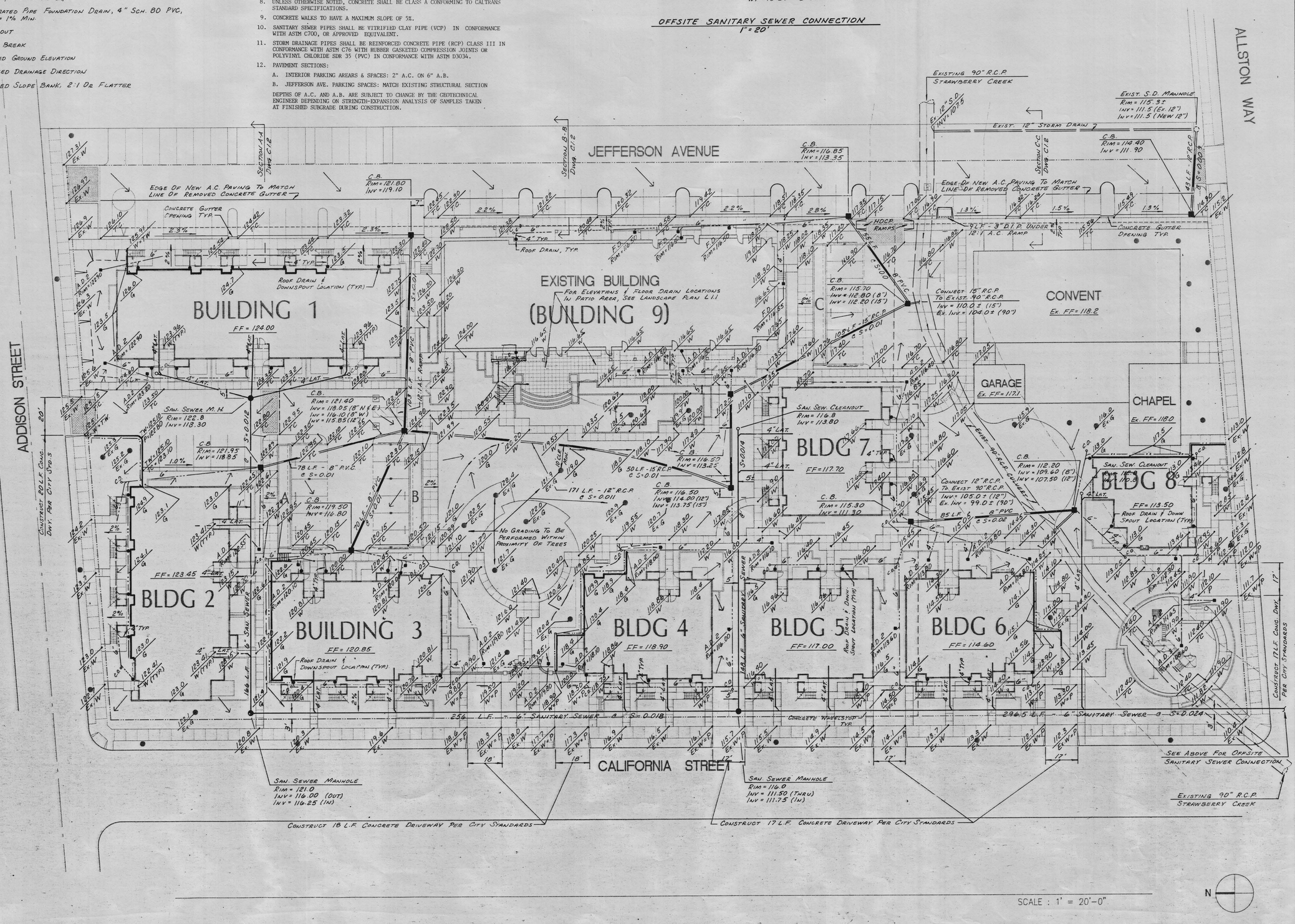
    A. INTERIOR PARKING AREARS & SPACES: 2" A.C. ON 6" A.B.

    B. JEFFERSON AVE. PARKING SPACES: MATCH EXISTING STRUCTURAL SECTION

    DEPTHS OF A.C. AND A.B. ARE SUBJECT TO CHANGE BY THE GEOTECHNICAL ENGINEER DEPENDING ON STRENGTH-EXPANSION ANALYSIS OF SAMPLES TAKEN AT FINISHED SUBGRADE DURING CONSTRUCTION.



OFFSITE SANITARY SEWER CONNECTION
1"=20'



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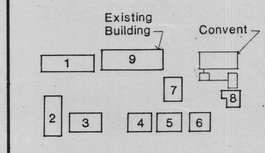


KEY PLAN

Date Submitted for Construction
24 February 1992

Job No. 1-1841.50

Drawn J.C.

Checked

Approved for the Owner

Approved for the Architect

MICHAEL P. REI
RCE 13810
EXP. 3-31-93

No.	Revision	Date
	COORDINATION PRINTING 27 JAN. 1992	

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

SITE GRADING, DRAINAGE AND SEWER PLAN

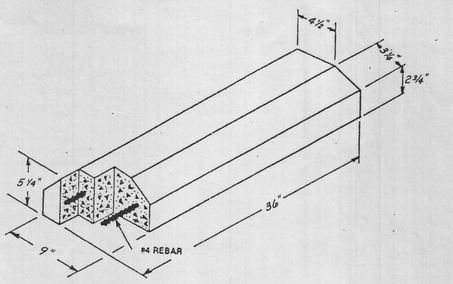
RECEIVED
MAY 11 1992
Bazzano Associates

Sheet No.

C1.1

Code #: 180 A&E #: 51027

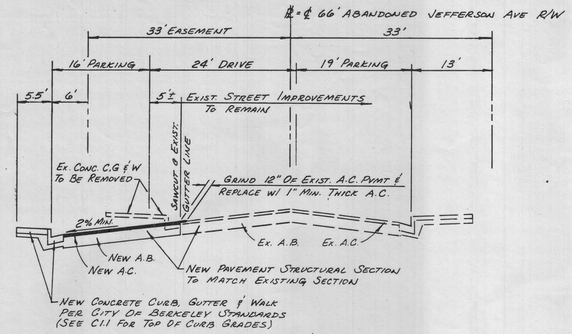
Revised File Name: Presentation Faculty Housing - AE # 51027 - Sheet 00000C11 - Project 01184150 - Dated 02-24-1992 - Title SITEGRADINGDRAINAGE0 - Floor NNNN.pdf



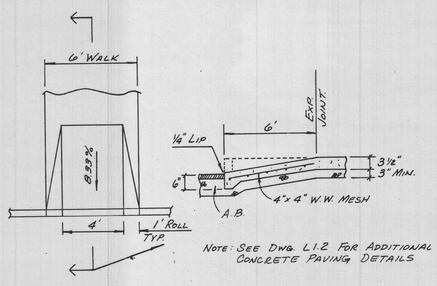
CONCRETE WHEEL STOP
N.T.S.

CITY OF BERKELEY STANDARD DRAWINGS

STANDARD DRIVEWAY APPROACH	PLAN #2641
STANDARD CURB AND GUTTER	PLAN #3198A
STANDARD CURB SECTION	PLAN #1701
STANDARD CLEAN OUT RISER AND FRAME	PLAN #6740
STANDARD TWO WAY CLEAN OUT	DWG. #A-0125-X
STANDARD MANHOLE FRAME AND COVER	PLAN #6698
STANDARD CONCRETE PRE-CAST MANHOLE	PLAN #2833
STANDARD HOUSE LATERAL RISER	PLAN #1700

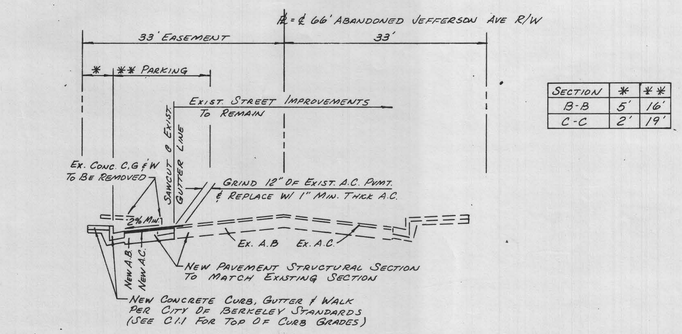


SECTION A-A JEFFERSON AVENUE
1"=10' HORIZ., N.T.S. VERT.



NOTE: SEE DWG. L1.2 FOR ADDITIONAL CONCRETE PAVING DETAILS

CONCRETE HANDICAP RAMP
N.T.S.

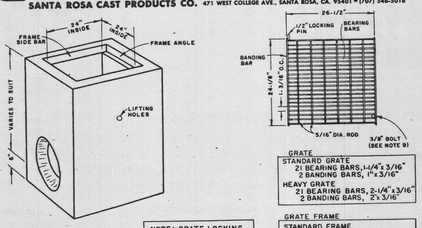


SECTION	*	**
B-B	5'	16'
C-C	2'	19'

SECTION B-B & C-C JEFFERSON AVENUE
1"=10' HORIZ., N.T.S. VERT.

SANTA ROSA CAST PRODUCTS CO. 471 WEST COLLEGE AVE., SANTA ROSA, CA. 95401 • (707) 546-5016

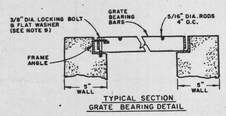
Title:	Date:	Dwg. No.
PRECAST CONCRETE DROP INLET - MODEL 2K	FEB. 1970	B44R2
	Rev. JULY 1982	Page No.



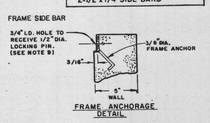
GRATE
STANDARD GRATE
21 BEARING BARS, 1-1/4"x3/16" 2 BANDING BARS, 1"x3/16"
HEAVY GRATE
21 BEARING BARS, 2-1/4"x3/16" 2 BANDING BARS, 2"x3/16"

NOTE: GRATE LOCKING DEVICE WILL NOT BE SUPPLIED UNLESS SPECIFIED.

GRATE FRAME
STANDARD FRAME
1-1/2"x1-1/2"x3/16" ANGLES
1-1/2"x1/4" SIDE BARS
HEAVY FRAME
2-1/2"x1-1/2"x3/16" ANGLES
2-1/2"x1/4" SIDE BARS

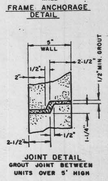


TYPICAL SECTION
GRATE BEARING DETAIL



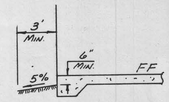
FRAME ANCHORAGE DETAIL

NOTES:
1. UNITS ARE TAILOR MADE TO JOB REQUIREMENTS.
2. OPENINGS SHALL BE CAST AS REQUIRED TO MEET CONNECTING STORM DRAIN PIPING.
3. DEFLECTED OPENINGS MAY BE CHIPPED IN GREEN CONCRETE.
4. REFER TO MANUFACTURERS SPECIFICATIONS FOR DEPTHS OVER 5'-0".
5. CONCRETE SHALL TEST 3000 P.S.I. AT 28 DAYS.
6. WALLS AND FLOOR SLAB ARE REINFORCED WITH 6"x6"-6-6 WELDED MESH.
7. WALLS ARE 5" THICK, FLOOR SLAB IS 6" THICK.
8. METAL FRAME & GRATE SHALL BE GALVANIZED AFTER FABRICATION PER ASTM SPECIFICATION A123.
9. GRATE SHALL BE SECURED TO DROP INLET FRAME WITH ONE 3/8" DIA. UNC PLATED STEEL MACHINE BOLT. OPTIONAL VANDAL PROOFING FEATURE ONLY WHEN SPECIFIED.
10. CLEAR GRATE OPENING IS 3.12 SQ.FT.
11. WEIGHT OF WALLS PER VERTICAL FOOT = 600 LBS.
12. WEIGHT OF BASE (34"x34"x6") = 600 LBS.

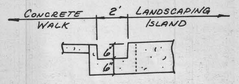


JOINT DETAIL
GROUT JOINT BETWEEN UNITS OVER 5' HIGH

CATCH BASIN DETAIL
N.T.S.

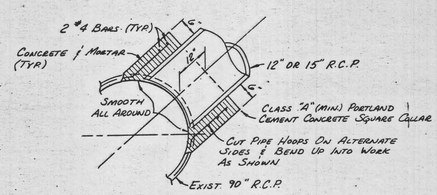


GRADING DETAIL
N.T.S.



NOTE: REFER TO CITY OF BERKELEY STANDARD PLAN # 3198A FOR CONC. CURB & GUTTER DETAILS

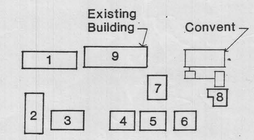
CONCRETE GUTTER OPENING @ ISLANDS
N.T.S.



SMALL R.C.P. TO LARGE R.C.P. CONNECTION DETAIL
N.T.S.

MWM ARCHITECTS, INC.
Architecture • Planning • Interior Design
2333 Harrison Street, Oakland, CA 94612
Tel. (510) 832-5242 FAX (510) 832-3022

KISTER SAVIO & REI, INC.
LAND SURVEYORS CIVIL ENGINEERS
3095 RICHMOND PARKWY. SUITE 214
RICHMOND, CALIFORNIA 94806
(510) 222-4020 FAX: (510) 222-3718



KEY PLAN N

Date Submitted for Construction 24 February 1992
Job No.
Drawn
Checked
Approved for the owner
Approved by the architect

REGISTERED PROFESSIONAL ENGINEER MICHAEL P. REI No. 13810 Exp. 3-31-93 CIVIL STATE OF CALIFORNIA

MICHAEL P. REI
RCE 13810
EXP 3-31-93

No.	Revision	Date

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

CIVIL DETAILS

RECEIVED
MAY 11 1992

Sheet No.

Pierzynski Associates Inc
Structural Engineers

C1.2

Code #: 180 A&E #: 51026

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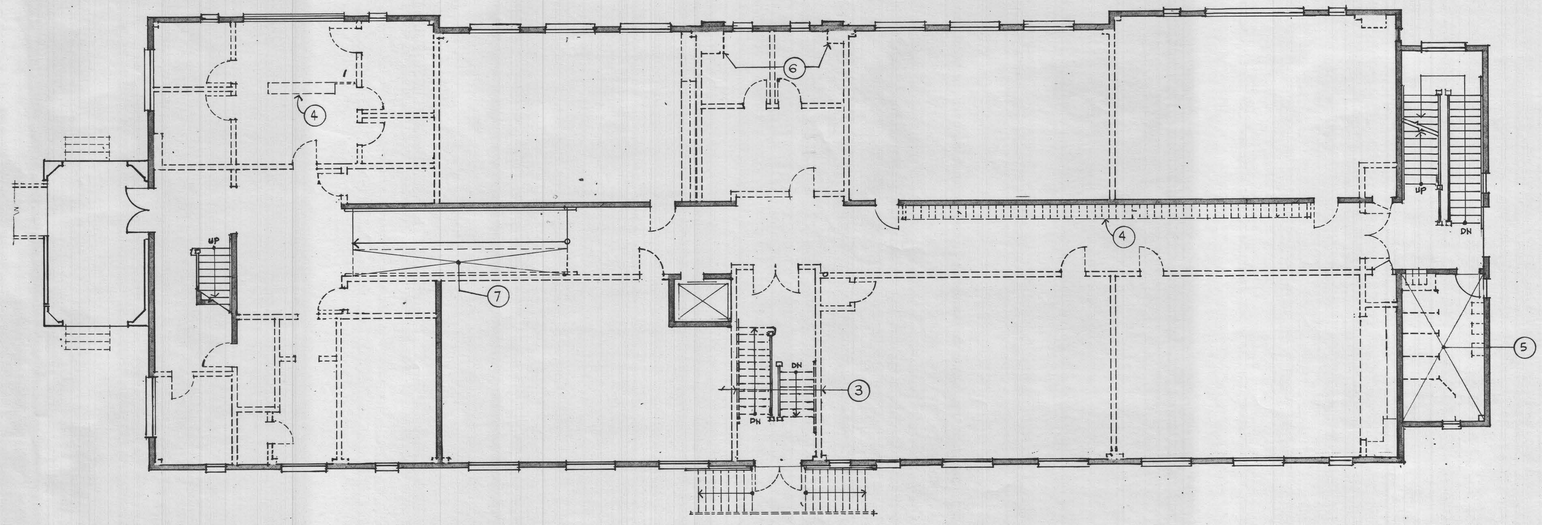
Revised File Name: Presentation Faculty Housing - AE 051026 - Sheet 00000C12 - Project 00000000 - Date 02-24-1992 - Title CIVILDETAILS00000000 - Floor NNNN.pdf



1 D1.0 **SECOND FLOOR PLAN**
1/8" = 1'-0"

SHEET NOTES

1. Remove existing roof mounted equipment and/or ventilation, typical.
2. Remove existing plumbing vents, typical.
3. Remove existing stair. Salvage handrail, balusters, and posts as required to repair stairs to remain.
4. Remove all existing casework, cabinets, built-ins, etc., typical.
5. Remove all plumbing fixtures. Remove tile wall and floor finishes.
6. Remove all vertical pipe chases, typical.
7. Remove (E) ramp as required.

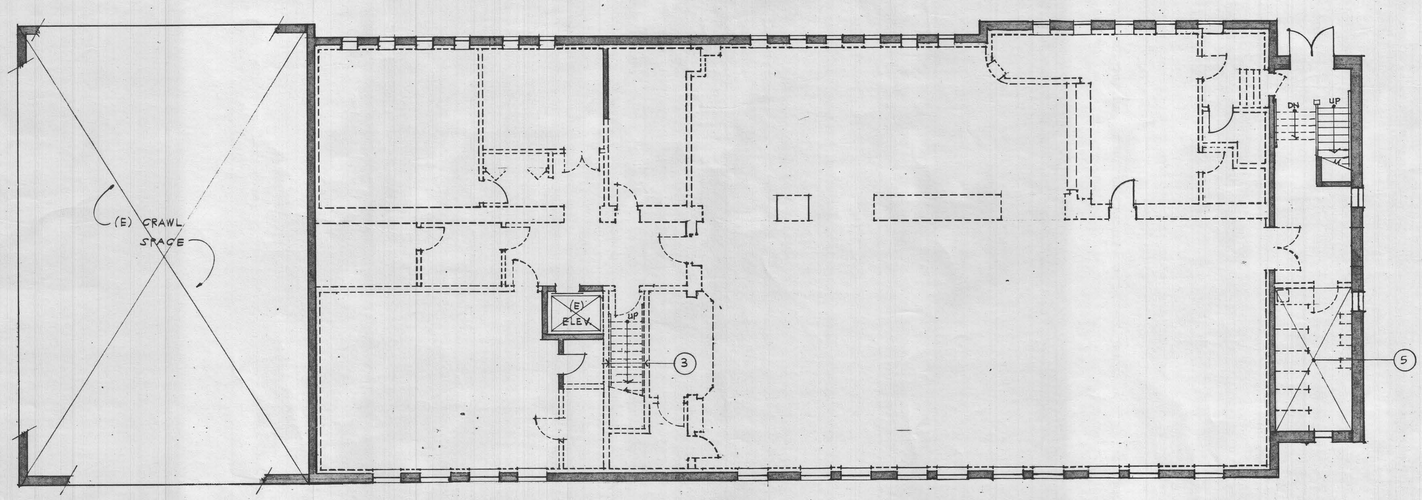
GENERAL NOTES

1. Complete interior demolition to include suspended ceilings, lighting, walls as indicated, and floor finishes as required.

LEGEND

Existing walls to remain

Existing wall to remove



2 D1.0 **FIRST FLOOR PLAN**
1/8" = 1'-0"

AS-BUILT

N

MWM ARCHITECTS, INC.
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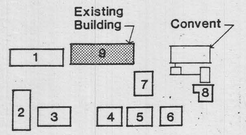

KEY PLAN N

Date Submitted for Construction
24 February 1992

Job No. 1-1841.50

Drawn J.C.

Checked

Approved for the Owner

Approved for the Architect

LICENSED ARCHITECT JUDITH LYNN MWM No. C-10158 RENEWAL DATE STATE OF CALIFORNIA

No.	Revision	Date
2	Issued for Construction - 1 June 1992	

PRESENTATION FACULTY HOUSING

UNIVERSITY OF CALIFORNIA BERKELEY

EXISTING BUILDING

1ST AND 2ND FLOOR DEMOLITION PLAN

Sheet No.

D1.0

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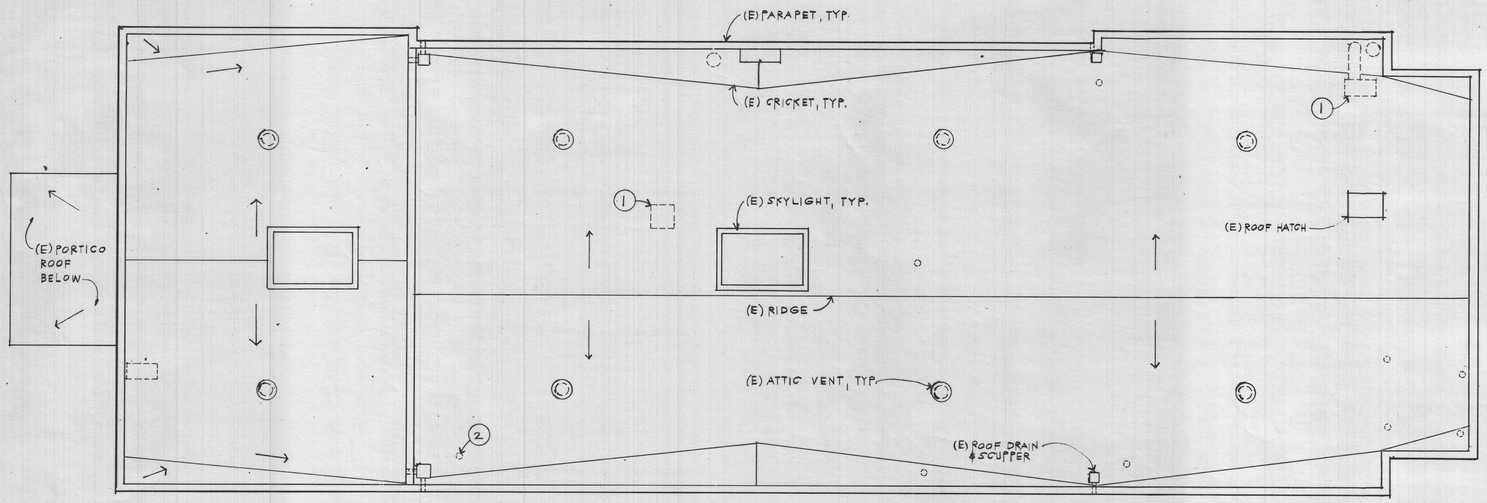
BACKGROUND

Reference File Name: Presentation Faculty Housing - AE 9UNLIS - Sheet 00000D10 - Project 01184150 - Date 02-24-1992 - Title 1STAND2NDFLOORDEMOL0 - Floor NNNN.pdf



1 / D1.1 **ROOF PLAN**
1/8" = 1'-0"

SHEET NOTES

1. Remove existing roof mounted equipment and/or ventilation, typical.
2. Remove existing plumbing vents, typical.
3. Remove existing stair. Salvage handrail, balusters, and posts as required to repair stairs to remain.
4. Remove all existing casework, cabinets, built-ins, etc., typical.
5. Remove all plumbing fixtures. Remove tile wall and floor finishes.
6. Remove all vertical pipe chases, typical.
7. Remove (E) ramp as required.

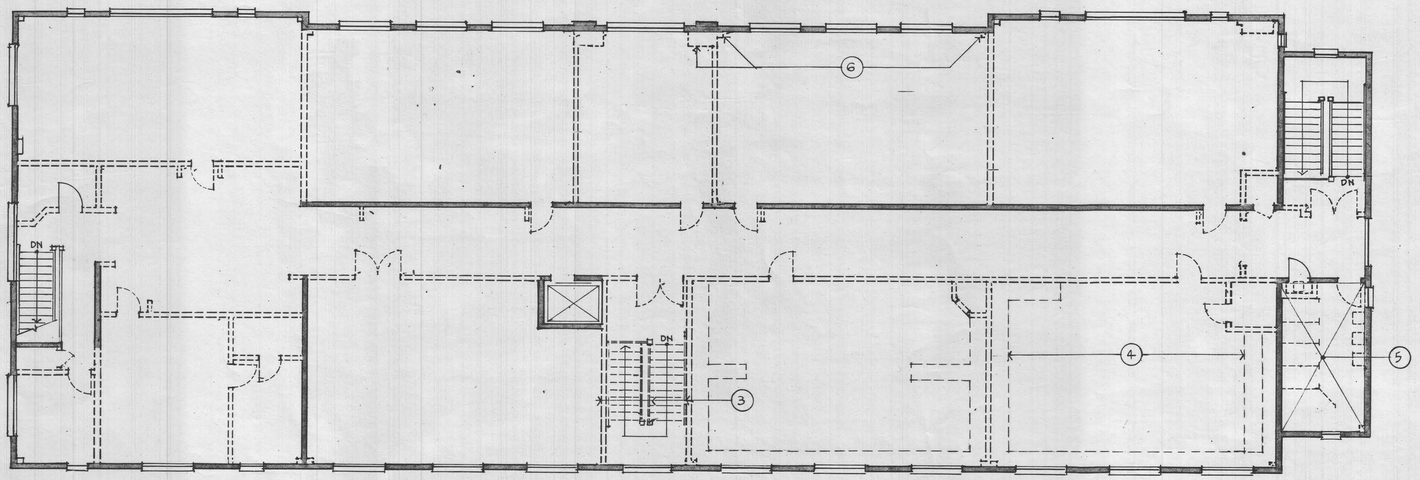
GENERAL NOTES

1. Complete interior demolition to include suspended ceilings, lighting, walls as indicated, and floor finishes as required.

LEGEND

Existing walls to remain

Existing wall to remove



2 / D1.1 **THIRD FLOOR PLAN**
1/8" = 1'-0"

AS-BUILT

N

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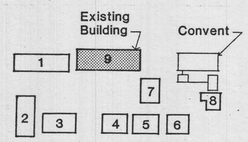

KEY PLAN · N

Date Submitted for Construction
24 February 1992

Job No. 1-1841.50

Drawn J.C.

Checked

Approved for the Owner

Approved for the Architect

LICENSED ARCHITECT
SOUTH LYNN ROWE
No. C-10158
31 MAY 1993
RENEWAL DATE
STATE OF CALIFORNIA

No.	Revision	Date
2	Issued for Construction - 1 June 1992	

PRESENTATION FACULTY HOUSING

UNIVERSITY OF CALIFORNIA
BERKELEY

EXISTING BUILDING

3RD FLOOR AND ROOF DEMOLITION PLAN

Sheet No.

D1.1

Revised File Name: Presentation Faculty Housing - AE 0UNLIS - Sheet 00000D11 - Project 01184150 - Date 02-24-1992 - Title 3RDFLOORANDROOFDEMO0 - Floor NNNN.pdf

GENERAL NOTES

NO.	DESCRIPTION
1.	ALL EXTERIOR LIGHTING SHALL BE SUBMITTED TO AND APPROVED BY THE APPLICABLE PLANNING AGENCY.
2.	ALL EQUIPMENT SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY, AND SHALL BE INSTALLED AS PER LISTING OR LABELING.
3.	ALL CONTROL DEVICES (SWITCHES, THERMOSTATS, FIRE ALARM STATIONS, ETC.) TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA, SHALL BE MOUNTED AT MIN. C/L, +36" AND MAX. C/L +48" FROM FINISH FLOOR.
4.	PENETRATIONS OF FIRE RATED WALLS, CEILINGS, OR FLOORS, SHALL COMPLY WITH U.B.C. AND NEC REQUIREMENTS.
5.	IF FIRE PROTECTION SPRINKLERS ARE INSTALLED IN ELECTRICAL SERVICE ROOMS, SERVICE EQUIPMENT SHALL BE PROTECTED FROM DIRECT WATER SPRAY WITH SHIELDS OR HIGH TEMPERATURE HEADS.
6.	ALL SURFACE MOUNTED LIGHTING FIXTURES SHALL BE SECURED BY SUITABLE FIXTURE HANGERS TO THE STRUCTURE ABOVE. NO TOGGLE BOLTS WILL BE ALLOWED. REFER TO THE ELECTRICAL SPECIFICATIONS.
7.	REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
8.	REFER TO ARCHITECTURAL DRAWINGS FOR ALL ROOM NAMES AND NUMBERS, AND AREA OCCUPANCIES.
9.	REFER TO THE MECHANICAL DRAWINGS FOR EXACT CONTROL WIRING REQUIREMENTS, AND MECHANICAL EQUIPMENT CONNECTIONS.
10.	PROVIDE CONDUIT EXPANSION FITTINGS AT ALL BUILDING EXPANSION POINTS WHERE ELECTRICAL RACEWAYS TRAVERSE BUILDING EXPANSION JOINTS. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR EXACT LOCATIONS OF EXPANSION JOINTS.
11.	ALL OUTLETS INSTALLED BACK TO BACK IN COMMON WALLS, IN ALL AREAS OF THE BUILDING SHALL BE SEPERATED BY A MINIMUM OF 24". TYPICAL.
12.	VERIFY EXACT MOUNTING LOCATIONS OF FIRE ALARM ANNUNCIATORS AND FIRE CONTROL PANEL WITH LOCAL FIRE MARSHALL PRIOR TO ROUGH-IN.
13.	PROVIDE SEPARATE SHOP DRAWING FOR FIRE ALARM SYSTEM TO STATE FIRE MARSHALL FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. PROVIDE STATE FIRE MARSHALL COMPONENT LISTING NUMBERS FOR ALL FIRE ALARM SYSTEM COMPONENTS.
14.	WHERE BRANCH PANELBOARDS ARE LOCATED IN FIRE RATED WALLS, INSTALL FIRE RATING (GYPBOARD BACKING AND CLOSURES) AROUND AND BEHIND PANEL AS DIRECTED BY STATE FIRE MARSHALLS' OFFICE AND AS REQUIRED BY UL LABORATORY DETAILS FOR MOUNTING FIXTURES AND PANELS IN FIRE RATED CEILINGS/WALLS. VERIFY ALL REQUIREMENTS IN FIELD. WHERE RECESSED PANELS IN FIRE RATED WALLS PROTRUDE FROM WALL DUE TO FIRE RATING, PROVIDE SUITABLE SURFACE TRIM FRAME ON PANEL FRONT, BACK TO WALL SURFACE.

See E-1.0 For N.W. Bldgs

FIXTURE SCHEDULE

TYPE	WATTS	DESCRIPTION	MANUFACTURE
A	2/48	1'X4' SURF. FLUORESCENT WRAP UNIT WITH ACRYLIC LENS, 2-48" RS ENERGY SAVER LAMPS AND 120V BALLAST.	WELLMADE # 181-SHA-248RS,ES SHASTA OR EQUAL
B	2/60	CEILING INCAND. UNIT WITH WHITE DIFFUSER AND 2- 60W IF LAMPS. LOCATE IN UNIT.	SEAGULL # 7614-33
B1	60	SAME AS FIXTURE "B" EXCEPT WITH 60 W IF LAMP.	SEAGULL # 7608-33
C	150	DINING HANGING INCAND. UNIT WITH DIFFUSER. LOCATE OVER TABLE. 1-150W G40 CLEAR LAMP. VERIFY FIXTURE COLOR WITH ARCHITECT.	THOMAS STARLIGHT # SL8332-(*) (COLOR AS SELECTED)
D	2/75	OVER MIRROR INCAND. UNIT WITH WHITE DIFFUSER AND 2-75W LAMPS.	SEAGULL # 4453-15 (12" 36")
E	---	CEILING BATHROOM COMBINATION FAN/ HEAT LAMP UNIT, W/ 250W "R" HEAT LAMP.	BROAN
E1	---	CEILING BATHROOM FAN UNIT	BROAN
E2	---	CEILING BATHROOM COMBINATION FAN/ HEAT LAMP/GEN. LIGHT UNIT.	BROAN
F	---	KEYLESS PORCELAIN SOCKET WITH IF LAMP AND GUARD, WATTS AS NOTED.	ARROW HART 8111
G	75	EXTERIOR DECK INCAND. WALL UNIT PRISMATIC GLOBE AND 75 W IF LAMP.	THOMAS STARLIGHT # SL9287-8
H	150	RECESSED INCAND. CORRIDOR UNIT (multi current) WITH WITH BLACK ALZAK REFLECTOR AND 1-150W LAMP.	HALO # H7-418
H1	150	SAME AS FIXTURE TYPE "H", EXCEPT WITH GOLD ALZAK REFLECTOR FOR EXTERIOR MOUNTING.	HALO # H7- OR EQUAL.
I	4/40	SURFACE MOUNT 4" X 8' FLUOR STRIPLIGHT UNIT WITH GUARD AND 120V BALLASTS AND 4-48" RS TANDEM LAMPS.	WELLMADE # 284-248 2RS-ES,G OR EQUAL.
I1	2/40	4" X 4' FLUOR. STRIPLIGHT UNIT WITH 120V BALLAST AND 2-48" RS LAMPS.	WELLMADE # 284-248 RS-ES OR EQUAL.
J	100	CORRIDOR WALL SCONCE UNIT WITH CER. DIFFUSSER AND 100W INC. IF LAMP. SAND. FINISH.	THOMAS STARLIGHT # SL8532-58 OR EQUAL.
K	4/40	RECESSED LAVIN 2'X4' FLUOR. UNIT WITH ACRYLIC LENS, 4- 48" RS LAMPS AND 120V BALLASTS.	WELLMADE # 323-448RS-A12 OR EQUAL.
M (A)	---	ILLUMINATED EXIT SIGN, UNIVERSAL MOUNT WITH ARROWS AS NOTED, W/ BATT. PACK, REMOTE (ON LEVEL) SIGN AND LED LAMPS. 120V OPERATION.	HURRELL # LED-MR/RM-G-W-FAT-BPR OR EQUAL.
M1	---	SAME AS FIXTURE TYPE "M", EXCEPT DOUBLE FACE.	HURRELL # LED SERIES
N	---	WALL MOUNT TWIN HEAD EMERGENCY BATTERY UNIT WITH BATTERY, PILOT LAMP AND TEST PB. AND 2 ADJUST. EMERG. LAMPS. 120V.	DUAL LITE # E7-2 SERIES W/ VRS SHIELD.
H2	2/60	SURFACE MOUNTED CORRIDOR UNIT WITH OPAL GLASS.	SEAGULL #7557-2
G1	1/60	Exterior incand. wall unit. Clear Globe.	SEAGULL #8753-87

AS-BUILT

SYMBOL LIST

TAG	DESCRIPTION
	OUTLET AND FLUORESCENT LIGHTING FIXTURE, SURFACE MOUNTED, TYPE AS NOTED.
	OUTLET AND FLUORESCENT LIGHTING FIXTURE, RECESSED MOUNTED, TYPE AS NOTED.
	OUTLET AND WALL MOUNTED FLUORESCENT LIGHTING FIXTURE TYPE AS NOTED.
	OUTLET AND INCANDESCENT OR HID LIGHTING FIXTURE, TYPE AS NOTED.
	OUTLET AND WALL MOUNTED INCAND. OR HID FIXTURE, TYPE AS NOTED.
	RECESSED INCANDESCENT OR HID LIGHTING FIXTURE, TYPE AS NOTED. 1/2 SHADED UNIT DENOTES WALL WASH FIXTURE.
	DENOTES EMERGENCY AND/OR NIGHT LIGHT FIXTURE ON EMERG./NL CIRCUIT. SEE FIXTURE SCHEDULE FOR EMERGENCY EQUIPMENT.
	ILLUMINATED EXIT SIGN, TYPE AS NOTED, WITH BATTERY PACK, TEST PB., 2 CIRCUITS, AND GREEN STENCIL W/ UNIVERSAL ARROWS.
#10	WIRING AND/OR CONDUIT CONCEALED IN WALLS OR CEILING. CROSSMARK DENOTE NO. OF WIRES OTHER THAN #12. NOTATION DENOTES WIRE SIZE IN CONDUIT OTHER THAN #12 AWG. SIZE RACEWAYS ACCORDINGLY.
	CONDUIT AND WIRING LOCATED IN FLOOR OR BELOW GRADE.
—T—	TELEPHONE SYSTEM CONDUIT AND/OR WIRING, (3/4"C. WITH PULLWIRE MIN. CONDUIT).
	INDICATES CONDUIT TURNING UP.
	INDICATES CONDUIT TURNING DOWN.
A	HOMERUN TO PANEL, TERMINAL BOARD OR CABINET. CONTINUE TO DESTINATION AND CONNECT COMPLETE.
S	SINGLE POLE SWITCH, 120V, +48, UNO.
S^3	THREE WAY SWITCH, 120V, +48 , UNO.
S^P	SWITCH AND PILOT LIGHT, 120V, +48", UNO.
	TELEPHONE OUTLET, WITH 1 HOLE PLATE, AND ACCESS. UP TO ACCESSIBLE CEILING SPACE. PROVIDE 3/4"C IN WALL UP TO CEILING SPACE WHERE REQUIRED, +12". UNO.
	DUPLEX CONVENIENCE OUTLET, 20A, 125V, 3PG, NEMA 5-20R, +12" OR 18" AS REQUIRED, UNO.
	DOUBLE DUPLEX (QUADRUPLEX) OUTLET, +12", UNO.
	DUPLEX RECEPTACLE, 20A, 125V, 3PG, W/ ISOLATED GROUND, NEMA 5-20 RIG, +12", UNO.
	DUPLEX RECEPTACLE ON DEDICATED CIRCUIT, SAME DEVICE AS SYMBOL " ⊖ ", UNO.
	DUPLEX RECEPTACLE 1/2 SWITCHED FOR LIGHTING, SAME DEVICE AS SYMBOL " ⊖ ", UNO.
	SINGLE RECEPTACLE, 30A, 125V, 3PG, NEMA 5-30R, +12" UNO.
	SINGLE POWER RECEPTACLE, SIZE TO SUIT EQUIP. SERVED, FLUSH MOUNTED. VERIFY EXACT REQUIREMENTS IN FIELD.
	SINGLE RECESSED CLOCK HANGER OUTLET FOR CLOCK, LOCATE AS DIRECTED.
	GROUND FAULT RECEPTACLE, 15A, 125V, 3PG, NEMA 5-15R, FEED THRU TYPE, WITH WP LOCKING COVER AT EXTERIOR LOCATIONS AND STANDARD PLATE AT INTERIOR LOCATIONS AS REQUIRED.
	JUNCTION BOX, SIZE AND TYPE AS REQUIRED OR NOTED. CONNECT COMPLETE.
	MOTOR OUTLET, CONNECT COMPLETE.
	MOTOR DISCONNECT SWITCH, SIZE AND FUSING AS REQUIRED.
	MAGNETIC MOTOR STARTER, SIZE AS REQUIRED, CONNECT COMPLETE.
ST	MANUAL MOTOR STARTER/THERMAL OVERLOAD SWITCH, SIZE AS REQUIRED.
	PANELBOARD, SEE SCHEDULES.
T	TRANSFORMER.
	EQUIPMENT CONTROL PANEL, BY EQUIP. SUPPLIER, CONNECT COMPLETE.
X	LIGHTING FIXTURE TAG, LETTER FIXTURE DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE.
1	PLAN EQUIPMENT ID TAG, SEE SHEET EQUIPMENT SCHEDULE FOR EQUIPMENT ELECTRICAL REQUIREMENTS.
1	SHEET NOTE TAG, SEE SHEET NOTE SCHEDULE.
WP	DENOTES WEATHERPROOF EQUIPMENT.
UNO	UNLESS NOTED OTHERWISE.
NL	DENOTES NIGHT LIGHT.
—W—	PLUGMOLD RACEWAY WITH ISOLATED GROUNDING RECEPTACLES ON 8" CENTERS, COMPLETE WITH ALL MOUNTING HARDWARE, LENGTH AS SHOWN ON PLANS. WIREMOLD # 2000-IG SERIES OR EQUAL.
—F—	FIRE ALARM SYSTEM CONDUIT AND/OR WIRING, PER REQUIREMENTS. REFER TO MANUFACTURERS REQUIREMENTS.
	FIRE ALARM MANUAL PULL STATION, +48" UNO.
FH	FIRE ALARM HORN/STROBE UNIT, +72" UNO.
	FIRE ALARM SMOKE DETECTOR, "D" DENOTES MECHANICAL DUCT TYPE, AND "R" DENOTES ELEVATOR RECALL UNIT. "U" DENOTES RESIDENTIAL UNIT DETECTOR WITH ALARM.
H	FIRE ALARM HEAT DETECTOR
F	FIRE ALARM WATER RISER FLOW SWITCH.
T	FIRE ALARM WATER RISER TAMPER/PIV SWITCH.
	FIRE ALARM MAGNETIC DOOR HOLD-OPEN, 120V. LOCATE AS REQUIRED FOR DOOR TYPE.
	FIRE RATED, RECEPTACLE AND/OR TELEPHONE FLUSH FLOOR OUTLET, WITH MONUMENT AND CARPET RING, WHERE REQUIRED.
	CEILING EXHAUST FAN, 120V. CONNECT COMPLETE.
TV	CATV OUTLET AND PLATE, +12", UNO.
—V—	CATV SYSTEM WIRING AND/OR CONDUIT PER MANUFACTURERS RECOMMENDATIONS. SEE RISER DIAGRAMS.
	EMERGENCY WALL MOUNT TWIN HEAD LIGHTING UNIT WITH SELF CONTAINED BATTERY AND 2 LV EMERGENCY ADJUSTABLE HEADS. MOUNT AT 8', AIM HEADS AS REQUIRED.
FH	HANDICAP BEDROOM TACTILE FAN, WALL MOUNTED. PROVIDE WALL FAN AT +6'-8" OVER BED. CONNECT TO UNIT SMOKE DETECTOR. 120V (FOR HEARING IMPAIRED)

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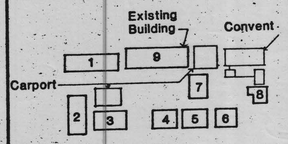
9835 KITTY LANE, SAN LEANDRO, CA. 94577
415-430-0399



KEY PLAN N

Date Submitted for Construction 24 February 1992
Job No. 920
Drawn AM, TH
Checked GF
Approved for the owner
Approved by the architect

REGISTERED PROFESSIONAL ENGINEER ERNESTO OLIVENCIO RICARDO ELECTRICAL STATE OF CALIFORNIA

No.	Revision	Date
	PROGRESS PRINTING 15 NOV. 1991	
2	FA REV.	6/4/92
6	REVISION	26 AUG 92

CALIFORNIA STATE FIRE MARSHAL
APPROVED 9/9/92
APPROVAL OF THESE PLANS DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.
REVIEWED BY

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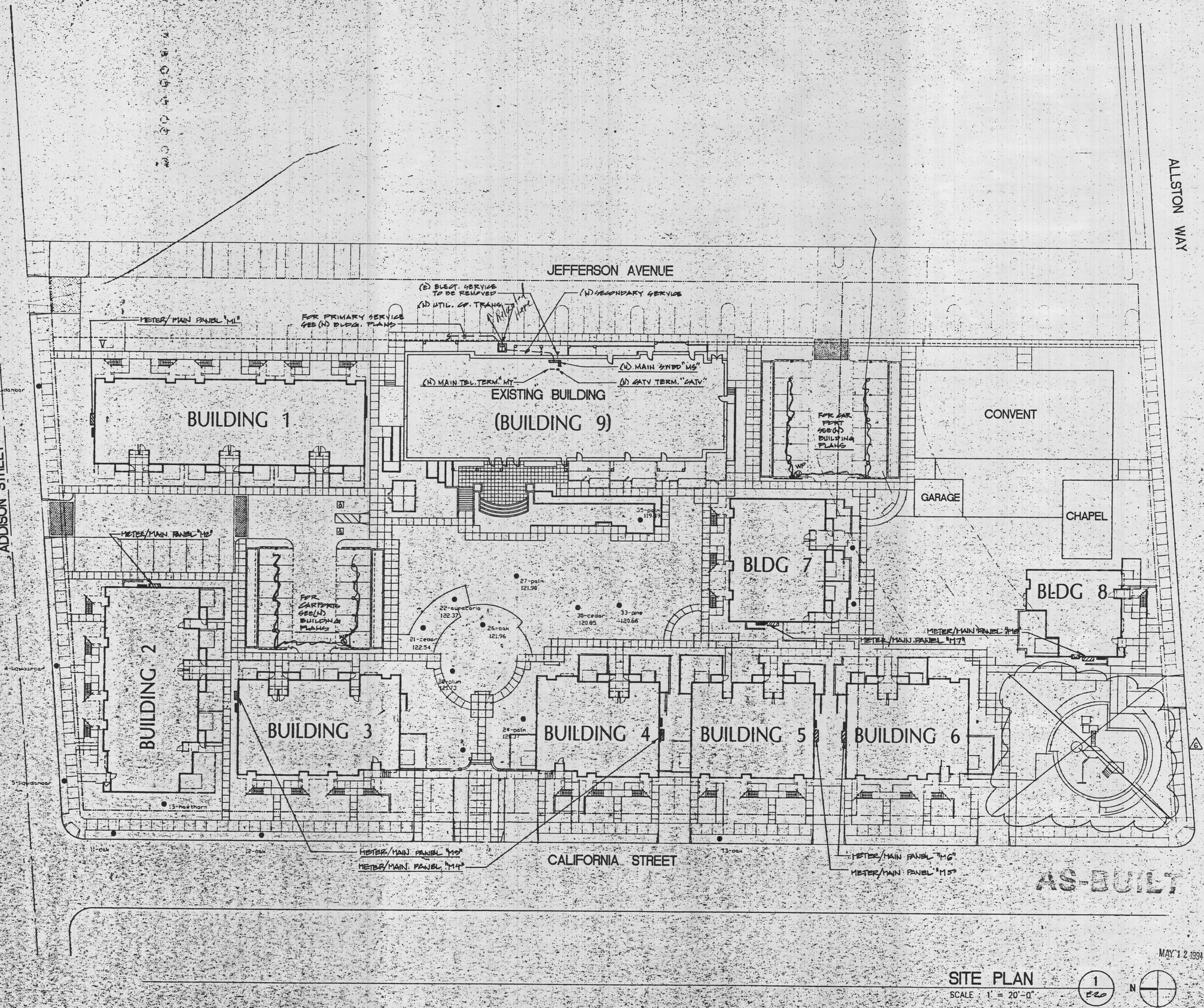
BERKELEY

ELECTRICAL SYMBOLS, SCHEDULES

Code # 180 ABE # 50361
Sheet No.

E-1.0



SITE PLAN
SCALE 1" = 20'-0"
1 / E2.0
N

MAY 12 1994

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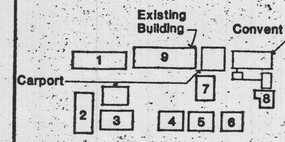

KEY PLAN N

Date Submitted for Construction 24 February 1992
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Approved for the Owner
Approved for the Architect

No. Revision Date
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CALIFORNIA STATE FIRE MARSHAL
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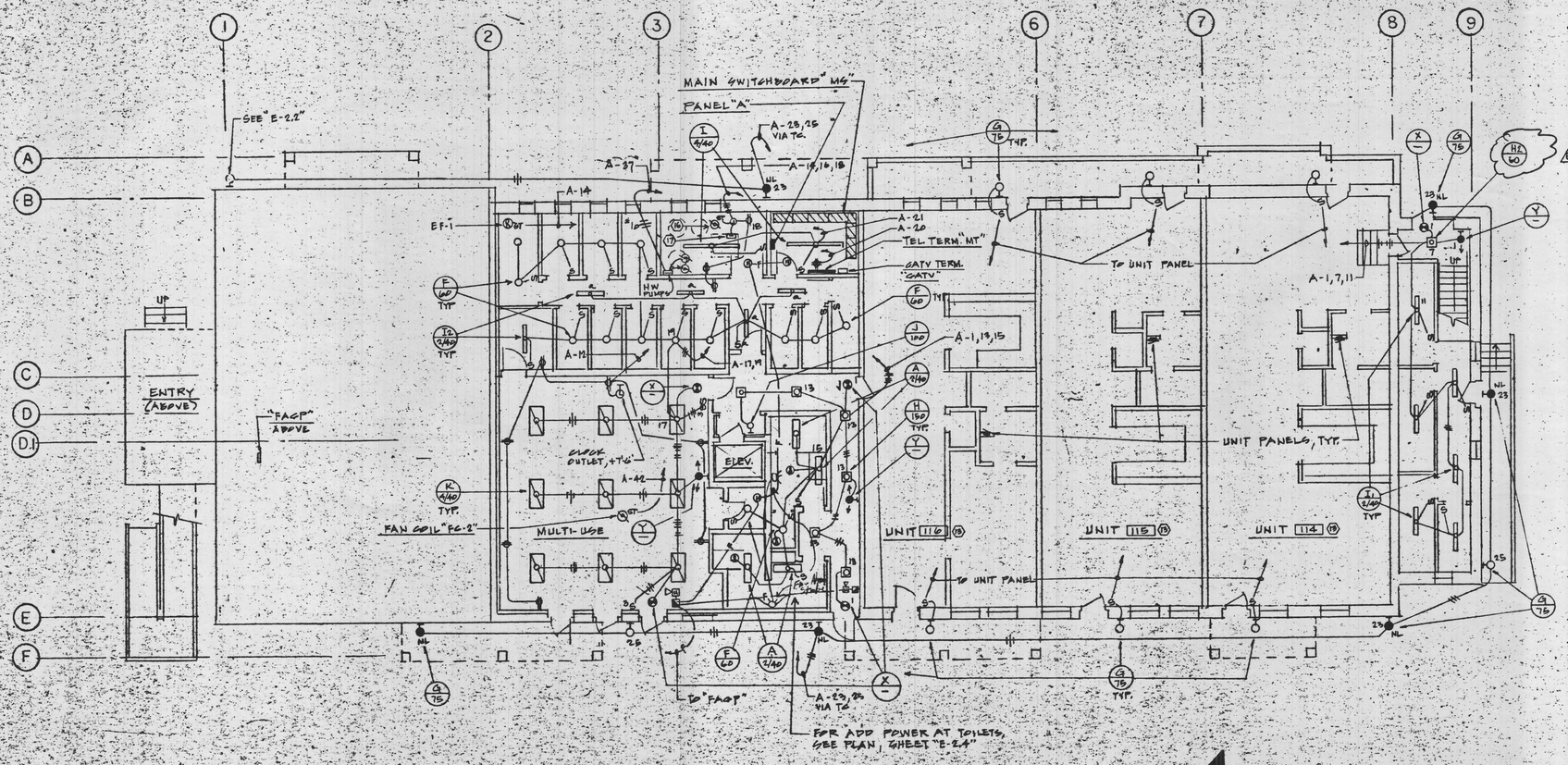
ELECTRICAL SITE PLAN

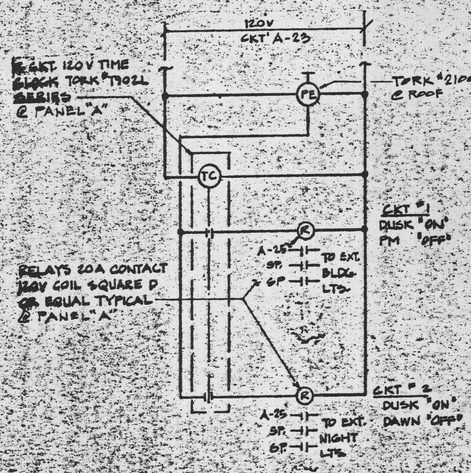
Code #: 180 A&E #: 50360

Sheet No.
E-2.0



1ST FLOOR PLAN - LIGHTING & POWER

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



LIGHTING CONTROL DIAGRAM

N.T.S.

SHEET NOTES

NOTE	DESCRIPTION
1	DISPOSAL, 900 W, 120V, BELOW COUNTER. CONNECT COMPLETE.
2	DISHWASHER, 750 W, 120V, BELOW SINK. CONNECT COMPLETE
3	REFRIGERATOR, 250W, 120V.
4	GAS RANGE AND OVEN, 450W, 120V. CONNECT COMPLETE.
5	HOOD FAN AND LIGHT, CONNECT COMPLETE. VERIFY HOOD EXACT LOCATION IN FIELD.
6	+42", GFI OUTLET, AND FEED THRU RECEPTACLE.
7	GAS DRYER, 1000 W, 120V, CONNECT COMPLETE.
8	ELECTRIC WASHER, 1250W, 120V.
9	WALL MOUNTED MICROWAVE UNIT, 750W, 120V.
10	UNIT CLG. SMOKE DETECTOR. SEE SYMBOL LIST.
11	TYPICAL CIRCUITED LIVING UNIT, ALL OTHER UNITS TO BE WIRED SIMILARLY, SEE PANEL SCHEDULES.
12	LIVING UNIT #201 IS HANDICAPPED UNIT. MOUNT ALL SWITCH AND CONTROL DEVICES AT +48" AND ALL RECEPTACLES AT +18". VERIFY LOCATIONS.
13	UNITS 114,115,116 ARE FINISHED IN CORE AREA ONLY, BALANCE OF UNIT IS TO BE COMPLETED IN THE FUTURE.
14	STUB 6- 20A,1P CIRCUITS FROM UNIT PANEL TO CLG. AREA JUNCTION BOXES, FOR FUTURE EXTENTION TO BALANCE OF UNIT.
15	GAS FIRED FURNACE UNIT, 1400W, 120V. CONNECT COMPLETE.
16	NEW WP HOT WATER CIRC. PUMP, 1/2 HP, 120V, CONNECT COMPLETE.
17	EXISTING BOILER, RECONNECT 120V TO EXISTING CONTROLS COMPLETE.

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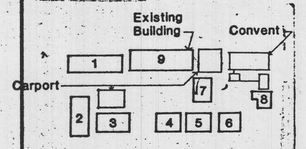

KEY PLAN

Date Submitted for Construction 24 February 1992
Job No. 520
Drawn AM, TH
Checked GF
Approved for the Owner
Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER ARNESTO ORFENCIO RICARDO NO. E-10725 ELECTRICAL STATE OF CALIFORNIA

No.	Revision	Date

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CALIFORNIA STATE FIRE MARSHAL
APPROVED 9/9/92

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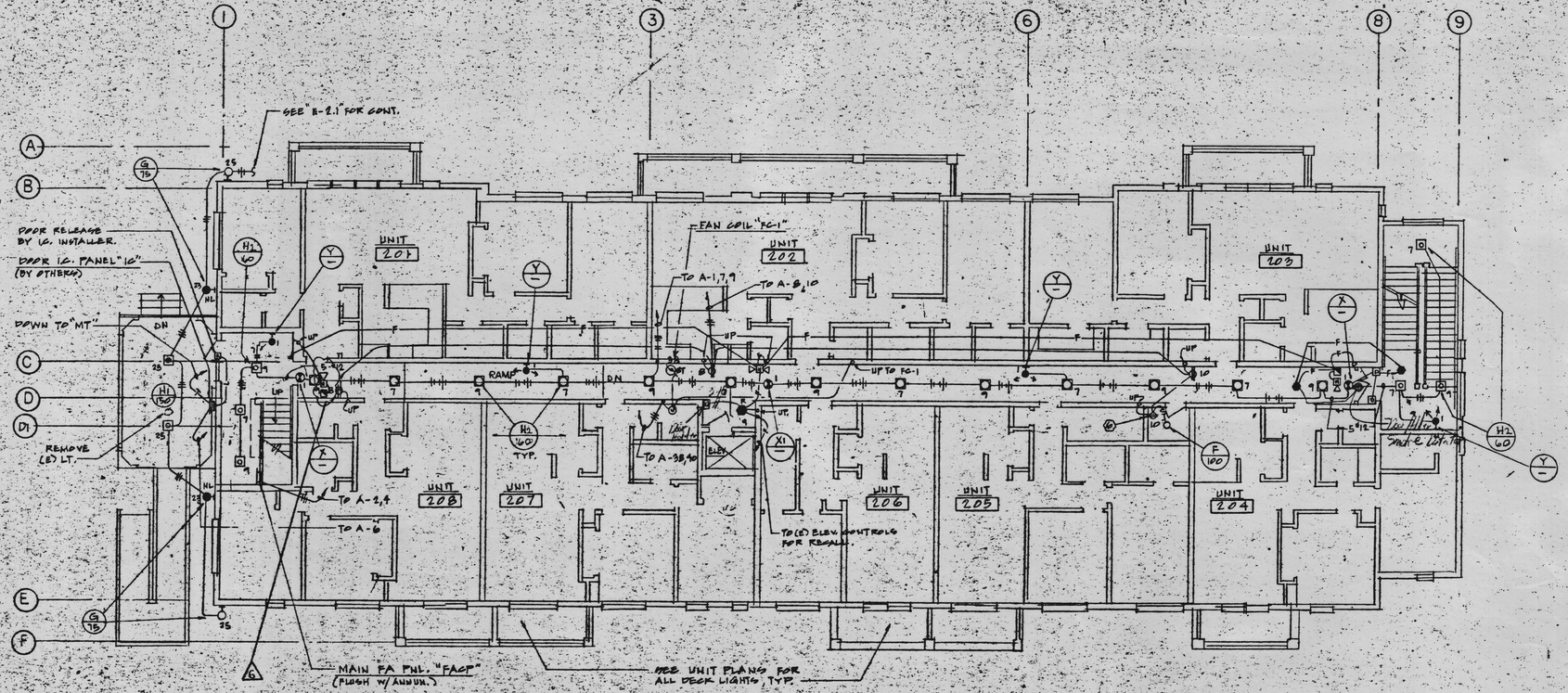
BERKELEY

ELECTRICAL
FIRST FLOOR PLANS

Code #: 180 A&E #: 50359

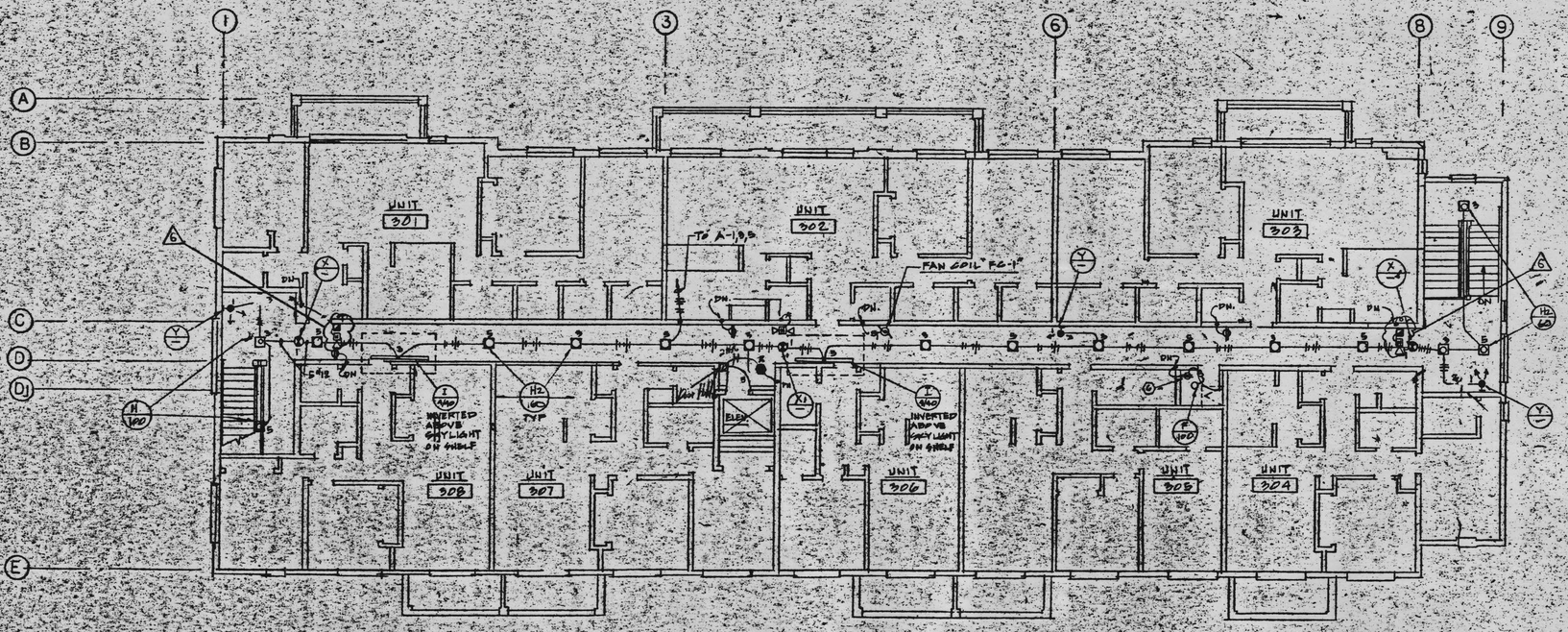
Sheet No.

E-2.1



2ND FLOOR PLAN - POWER & LIGHTING

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



3RD FLOOR PLAN - POWER & LIGHTING

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

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MAY 12 1994

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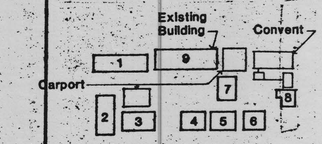

KEY PLAN

Date: Submitted for Construction 24 February 1992
Job No. 5 1-4841.50
Drawn: AM, TH
Checked: GF
Approved for the Owner
Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER ARNESTO ORTENCIO RICARDO No. E-10725 ELECTRICAL STATE OF CALIFORNIA

No.	Revision	Date
	PROGRESS PRINTING 15 NOV. 1991	
6	REVISION	26 AUG 92

CALIFORNIA STATE FIRE MARSHAL
APPROVED 9/7/92
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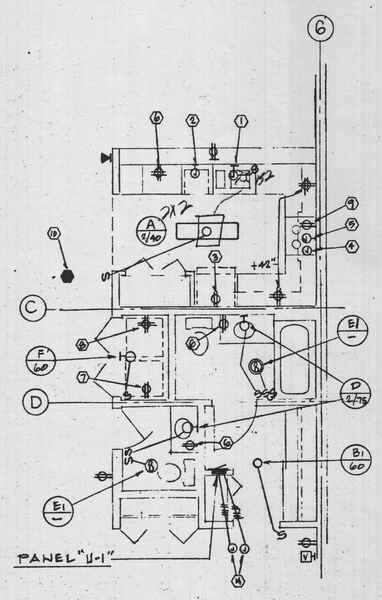
BERKELEY

ELECTRICAL SECOND
THIRD FLOOR PLANS

Code #: 180 A&E #: 50358

Sheet No.

E-2.2



UNIT 116.
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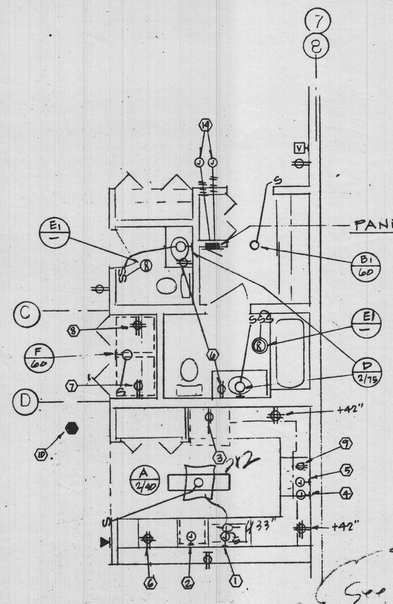
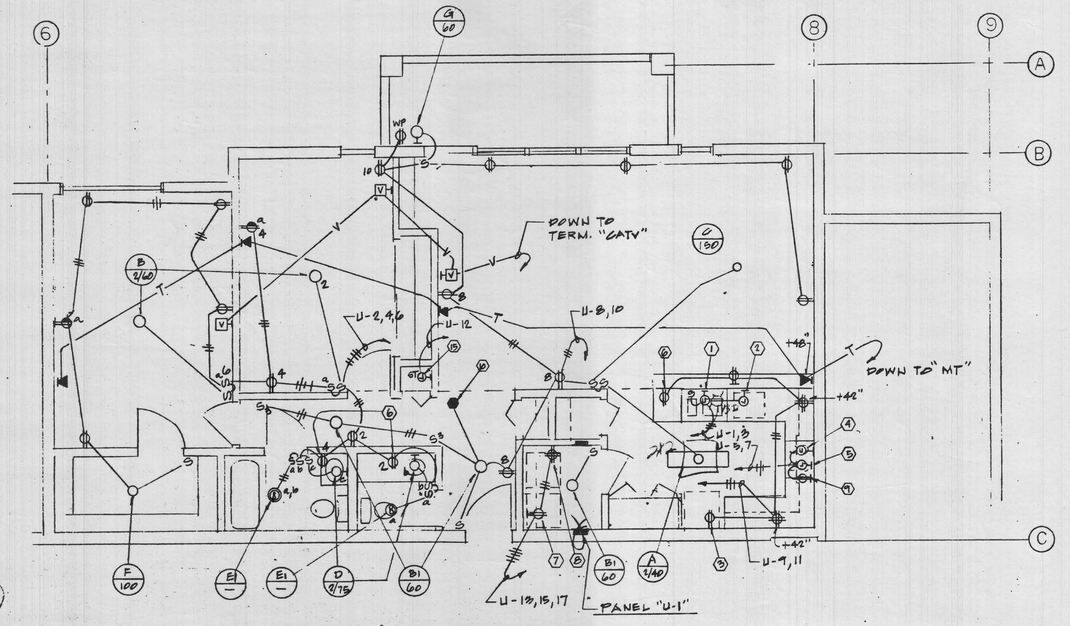


UNIT 114 & 115
SCALE: 1/4" = 1'-0"

See SU-1 Dated 11/6/92 For 114, 115, 116



UNIT - 203 303
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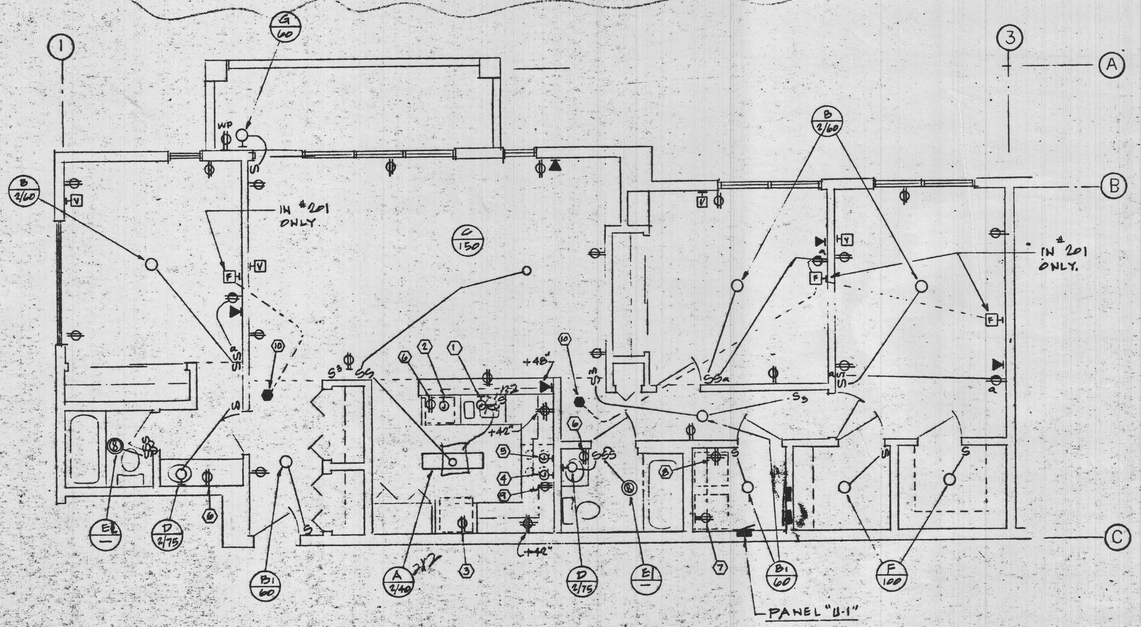

UNIT - 301 (UNIT 201 SIM.)
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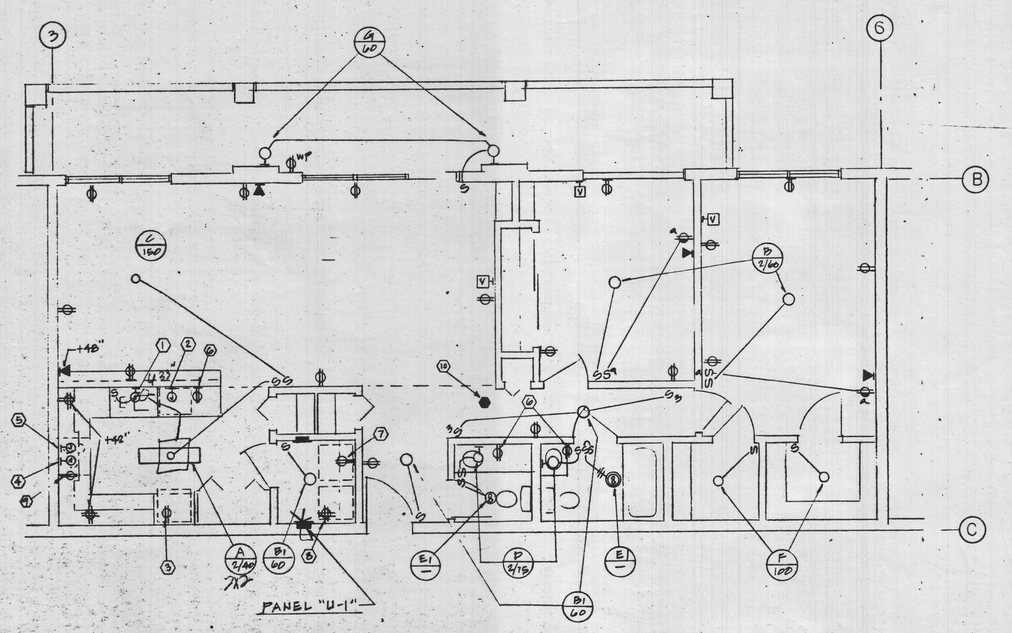

UNIT - 202 302
SCALE: 1/4" = 1'-0"

AS-BUILT

MAY 12 1994

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FAX (415) 430-1841
Oakland, CA 94603

Existing Building
Convent
Carport
1 9 7 8 2 3 4 5 6

KEY PLAN N

Date Submitted for Construction 24 February 1992
Job No. 820
Drawn AM, TH
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Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER
TERMES TO ORTENCIO RICARDO
No. E 10725
ELECTRICAL
STATE OF CALIFORNIA

No.	Revision	Date

PROGRESS PRINTING 15 NOV. 1991

PRESENTATION FACULTY HOUSING

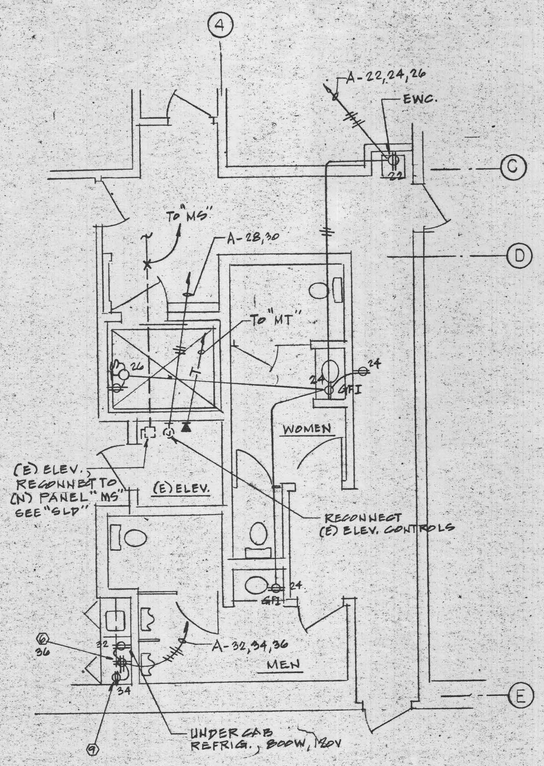
EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

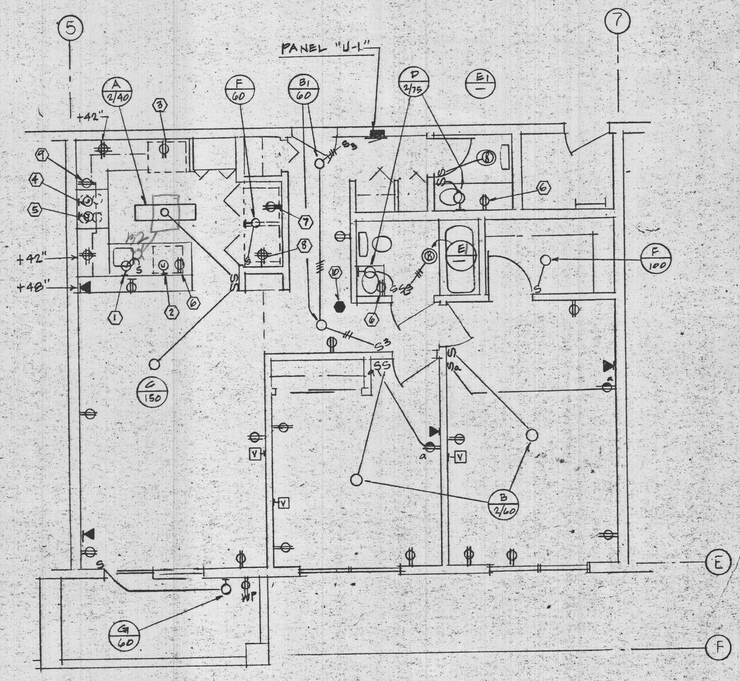
ELECTRICAL
TYP. UNIT PLANS

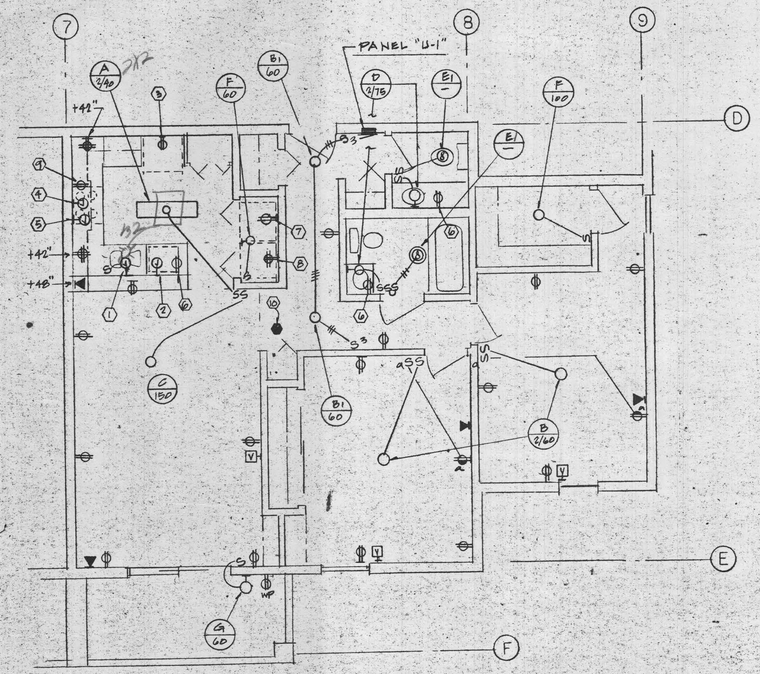
Code #: 180 A&E #: 50357

Sheet No.

E-2.3

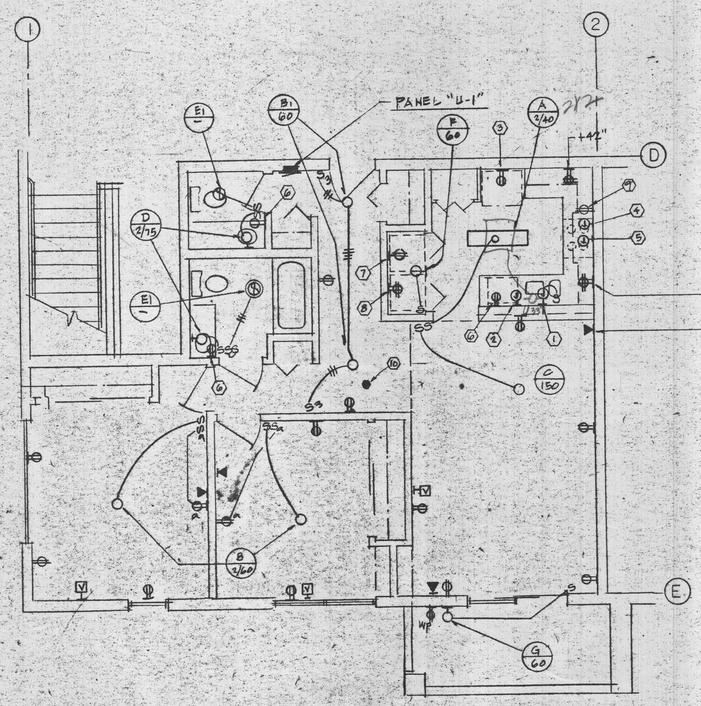






TOILET ROOM PLANS

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

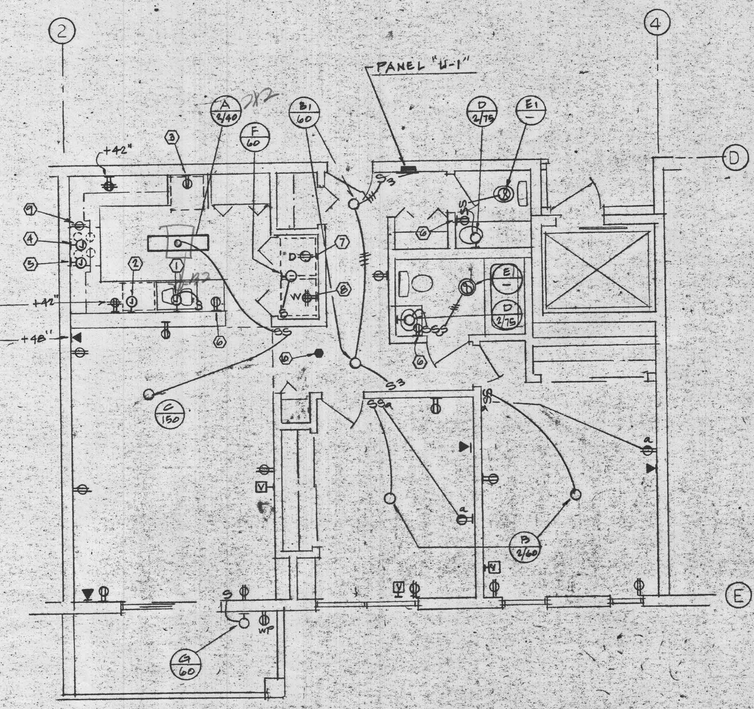


UNIT - 208 308

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

UNIT - 205 305

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

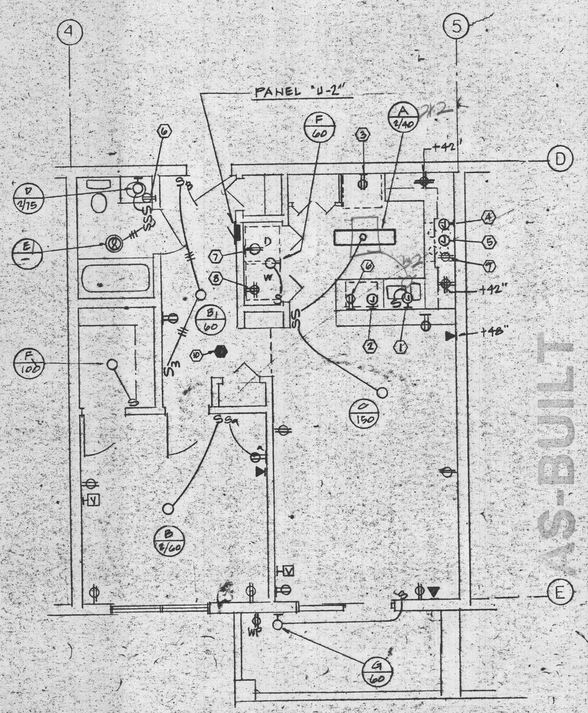


UNIT - 207 307

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

UNIT - 204 304

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



UNIT - 206 306

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

AS-BUILT

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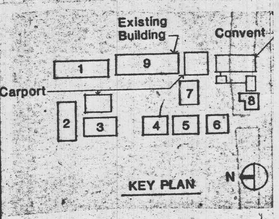
9635 Kitty Lane
(415) 430-0388
FAX (415) 430-1641
Oakland, CA 94605



Date: Submitted for Construction 24 February 1992
Job No. 520
Drawn AM, TH
Checked SF
Approved for the Owner
Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER ERNESTO ORTENCIO RICARDO NO. E 10735 ELECTRICAL STATE OF CALIFORNIA

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CALIFORNIA STATE FIRE MARSHAL
APPROVED 9/9/92
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY EMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. SAID APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE JOBSITE SUBJECT AT THE TIME.
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UNIVERSITY OF CALIFORNIA
BERKELEY

ELECTRICAL
TYP. UNIT PLANS

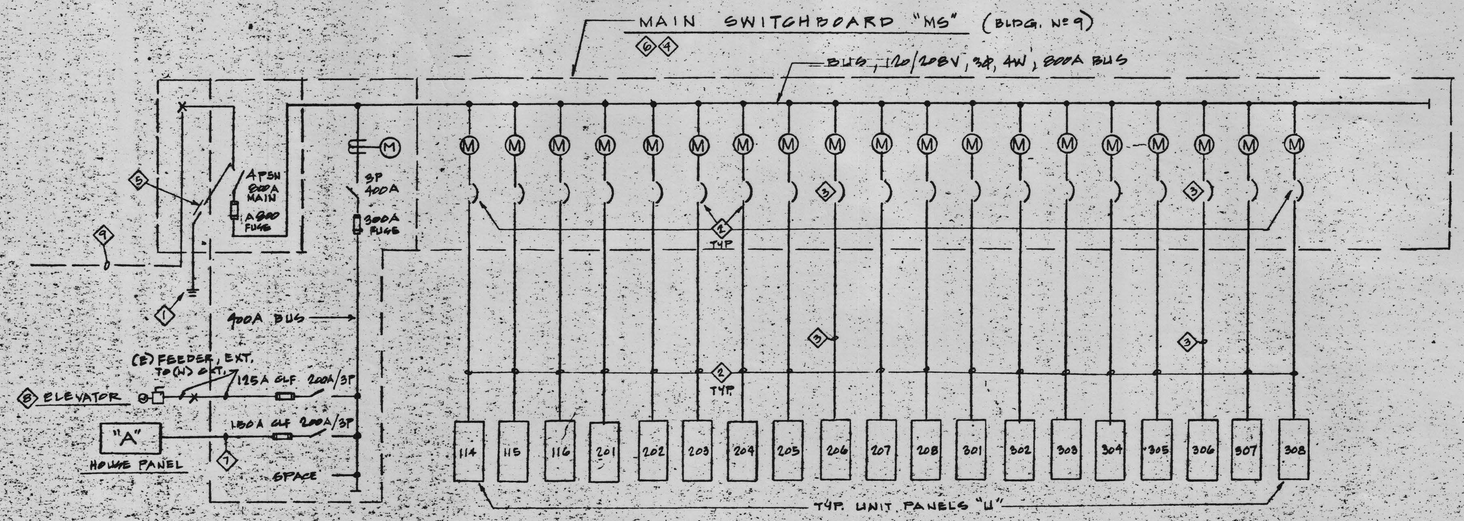
Code #: 180 A&E #: 50356

Sheet No.

E-2.4

Code #: 180 A&E #: 50358

Revised File Name: Presentation Faculty Housing - AE 1991.DWG - Sheet: 06/09/92 3:4 - Plotted: 09/09/92 - 8:09 PM - Plotted by: Ernesto Ricardo - Plot Name: NNN.pdf



SINGLE LINE DIAGRAM

NTS

LOAD CALCULATIONS



PANEL BOARD SCHEDULES

PANEL "A" 120 / 208 VOLT 3 PHASE 4 WIRE 200 AMPERE MAIN, MLO ; 200 AMPERE BUS

LOCATION ELECT. ROOM — MOUNTING SURFACE

	VA LOAD LINE A	VA LOAD LINE B	VA LOAD LINE C	LOAD DESCRIPTION	OUTLETS REC	OUTLETS LIGHTING/MISC	CIRCUIT BREAKER TRIP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRIP	OUTLETS BRANCH	OUTLETS LIGHTING	OUTLETS REC	LOAD DESCRIPTION	VA LOAD LINE-A	VA LOAD LINE B	VA LOAD LINE C	
1	400			GFRT. LIGHTS	13	20	20				20	1		1	F.A. PANEL	400			2
3		1200			10									1	↓		400		4
5			1200		10									1	LG. PANEL			400	6
7	1750				11									4	GFRT. REC.	800			8
9		1750		↓	11									2	4	↓		1200		10
11			200	LIGHTS	3									6	RECEPTS.			1200	12
13	1000				6									1	CIRC. PUMP	920			14
15		1000			6									1	BOILER		1000		16
17			1800		9									3	RECEPTS.			600	18
19	1500				18									12	- TEL.	400			20
21		400			2									1	- ENC.		800		22
23			800	- EXT.	8									2	↓			400	24
25	800			↓	6									1	- ELEV	200			26
27	—			SPARE											-		800		28
29		—		↓											-	↓		800	30
31	—													1	- REFR.	800			32
33		—		↓										1	- MICRO		750		34
35			—	SPACE										2	↓ - COFFEE			800	36
37	1400			HW PUMPS				3	20						FAN COILS FC-1	1800			38
39		1400		"											FC-1		1000		40
41			1400	"											FC-2			1000	42
					200 TOTALS														

NOTES:

LINE TOTALS: LGL. AMPS; TOTAL VA/Ø; LINE AMPS; TOTAL KVA LOAD

PANEL "U1" 120 / 208 VOLT 1 PHASE 3 WIRE 100 AMPERE MAIN, MLO ; 100 AMPERE BUS

LOCATION TYP. UNIT INTERIOR — MOUNTING FLUSH

	VA LOAD LINE A	VA LOAD LINE B	LOAD DESCRIPTION	OUTLETS REC	OUTLETS LIGHTING/MISC	CIRCUIT BREAKER TRIP	BUS A	BUS B	CIRCUIT BREAKER TRIP	OUTLETS BRANCH	OUTLETS LIGHTING	OUTLETS REC	LOAD DESCRIPTION	VA LOAD LINE-A	VA LOAD LINE B	
1			DISP.													2
3			DISHWASH													4
5			HOOD/OVEN													6
7			MICRO.													8
9	SEE		KIT.										LIGHTS		SEE	10
11	LOAD		KIT.												LOAD	12
13	CALCS		WASH.										FURNACE		CALCS	14
15			DRY.										4PARE			16
17			LAUNDRY													18
19			SPACE										SPACE			20
21																22
23																24
25																26
27																28
29																30
31																32
33																34
35																36
37																38
39																40
41																42

SUB TOTALS

NOTES:

LINE TOTALS: LGL. AMPS; TOTAL VA/Ø; LINE AMPS; TOTAL KVA LOAD

PANEL "U2" 120 / 208 VOLT 1 PHASE 3 WIRE 100 AMPERE MAIN, MLO ; 100 AMPERE BUS

LOCATION TYP. UNIT INTERIOR — MOUNTING FLUSH

	VA LOAD LINE A	VA LOAD LINE B	LOAD DESCRIPTION	OUTLETS REC	OUTLETS LIGHTING/MISC	CIRCUIT BREAKER TRIP	BUS A	BUS B	CIRCUIT BREAKER TRIP	OUTLETS BRANCH	OUTLETS LIGHTING	OUTLETS REC	LOAD DESCRIPTION	VA LOAD LINE-A	VA LOAD LINE B	
1			DISP.				20	20								2
3			DISHWASH													4
5			HOOD/OVEN													6
7			MICRO.													8
9	SEE		KIT.										LIGHTS		SEE	10
11	LOAD		KIT.												LOAD	12
13	CALCS		WASH.										FURNACE		CALCS	14
15			DRY.										4PARE			16
17			LAUNDRY													18
19			SPACE										SPACE			20
21																22
23																24
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35																36
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41																42

SUB TOTALS

NOTES:

LINE TOTALS: LGL. AMPS; TOTAL VA/Ø; LINE AMPS; TOTAL KVA LOAD

SHEET NOTES

NOTE	DESCRIPTION (THIS SHEET ONLY)
1	CODE GROUND: DRIVEN COPPER RODS W/ UFER COIL AND BOND TO BLDG. WATER AND GAS PIPING AS REQUIRED BY LOCAL BUILDING DEPT.
2	ALL UNIT METERS SHOWN THIS DIAGRAM ARE 100A, 3 PHASE, 120/2..V, WITH A 2P 70A MAIN 22.5K CB.. FEEDERS TO APARTMENT PANELS ARE 1 "C, 3 #6 AL, XHHW, TYPICAL UNLESS NOTED: SER CABLE MAY BE USED WHERE PERMITTED BY CODE.
3	UNIT METER IS 100A, 1 PHASE, 120/2 W, WITH A 2P 60A MAIN 22.5K CB.. FEEDER IS 1 "C, 3 #6 AL, XHHW, THIS UNIT ONLY. SER CABLE MAY BE USED WHERE PERMITTED BY CODE.
4	FOR SERVICE LOAD CALCULATIONS, SEE SHEET "E-3.0"
5	PROVIDE NEUTRAL DISC. LINKS AS REQUIRED.
6	SWITCHBOARD BUSSING SHALL BE RATED TO CARRY THE MAXIMUM AIC FAULT CURRENT AS QUOTED AVAILABLE BY THE SERVING UTILITY CO.. VERIFY AVAILABLE FAULT CURRENT AT EACH SERVICE WITH UTILITY CO..
7	HOUSE PANEL FEEDER "A" 1#4 AWG 3P. 1 1/2 "C. 4 #1/0. CU. XHHW.
8	RECONNECT EXISTING 125A CIRCUIT TO EXISTING ELEVATOR CONTROLLER.
9	UTILITY CO. SECONDARY SERVICE. CONDUCTORS BY UTILITY CO., VERIFY ALL UTILITY COMPANY REQUIREMENTS.

AS-BUILT

MAY 2 1994

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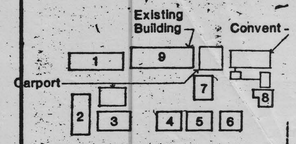
ELECTRICAL SERVICES CO.
DESIGN ENGINEERS · CONSTRUCTION
INDUSTRIAL TROUBLESHOOTING
Lic. #410587 (415) 430-8388
9835 Kitty Lane FAX (415) 430-1941
Oakland, CA 94603



KEY PLAN N

Date Submitted for Construction 24 February 1992
Job No. 520
Drawn AM, TH
Checked GF
Approved for the Owner
Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER ERNESTO CATENCIO ACARDO No. E-10725 ELECTRICAL STATE OF CALIFORNIA

No.	Revision	Date
	PROGRESS PRINTING 15 NOV. 1991	

CALIFORNIA STATE FIRE MARSHAL
APPROVED 9 Sept. 92

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.

BY

PRESENTATION FACULTY HOUSING

EXISTING BUILDING

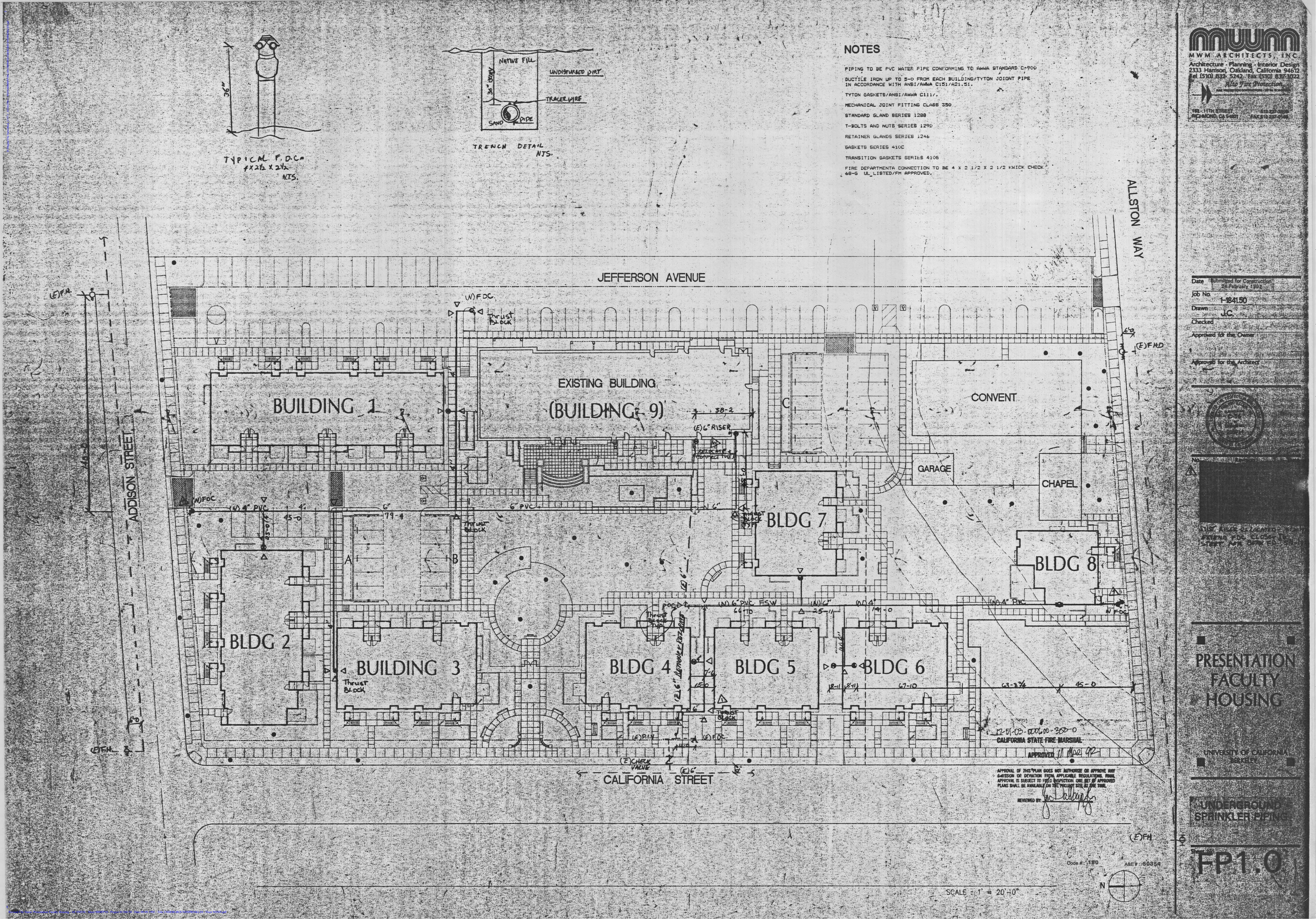
UNIVERSITY OF CALIFORNIA BERKELEY

ELECTRICAL DIAGRAMS, SCHEDULES

Code #: 180 A&E #: 50355

Sheet No.

E-3.0



TYPICAL F.D.C.
4X2½ X 2½
N.T.S.
NATIVE FILL
UNDISTURBED DIRT
TRACER WIRE
SAND
PIPE
TRENCH DETAIL
NTS.
NOTES
PIPING TO BE PVC WATER PIPE CONFORMING TO AWWA STANDARD C-900
DUCTILE IRON UP TO 5-0 FROM EACH BUILDING/TYTON JOIONT PIPE IN ACCORDANCE WITH ANSI/AWWA C151/A21.51.
TYTON GASKETS/ANSI/AWWA C111/.
MECHANICAL JOINT FITTING CLASS 350
STANDARD GLAND SERIES 1288
T-BOLTS AND NUTS SERIES 1290
RETAINER GLANDS SERIES 1246
GASKETS SERIES 410C
TRANSITION GASKETS SERIES 410S
FIRE DEPARTMENTA CONNECTION TO BE 4 X 2 1/2 X 2 1/2 KWICK CHECK 68-G UL_LISTED/FM APPROVED.
ALLSTON WAY
JEFFERSON AVENUE
ADDISON STREET
CALIFORNIA STREET
BUILDING 1
EXISTING BUILDING
(BUILDING 9)
CONVENT
GARAGE
CHAPEL
BLDG 7
BLDG 8
BLDG 2
BUILDING 3
BLDG 4
BLDG 5
BLDG 6
Thrust Block
(E)F.H.
(E)F.H.D.
(E)F.H.
(E)F.D.C.
(E)CHECK VALVE
(E)P.I.V.
(E)6" RISER
(N)F.D.C.
(N)4" PVC
6" PVC
(N)6" PVC FSW
(N)4" PVC
CALIFORNIA STATE FIRE MARSHAL
APPROVED 11 Mar 92
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT ONE TIME.
REVIEWED BY:
Code #: 180
A&E #: 50354
SCALE: 1" = 20'-0"
N
MWM ARCHITECTS, INC.
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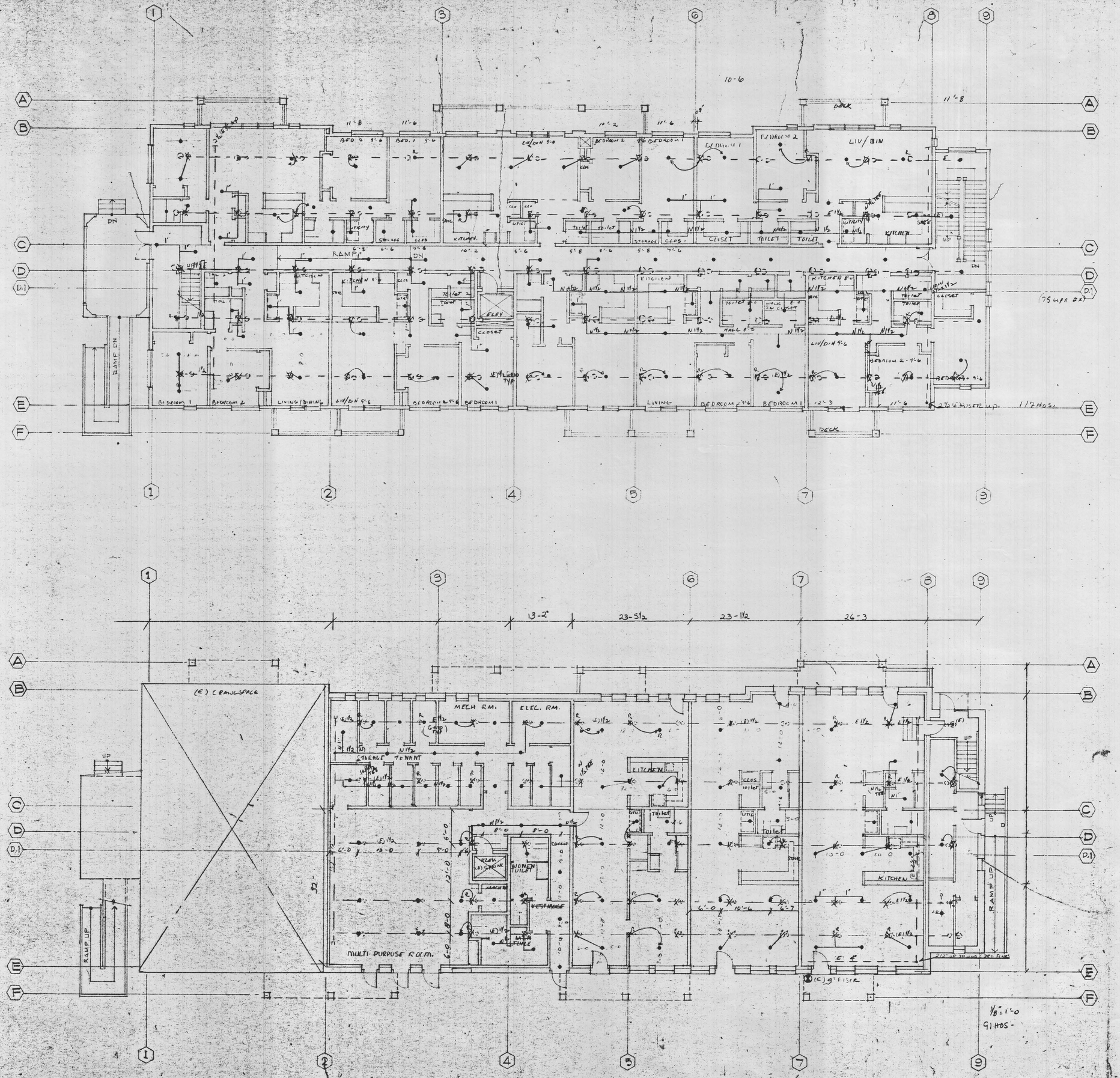
163 - 11TH STREET
RICHMOND, CA 94801
Date Submitted for Construction 24 February 1992
Job No. 1-184150
Drawn J.C.
Checked
Approved for the Owner
Approved for the Architect
PRESENTATION FACULTY HOUSING
UNIVERSITY OF CALIFORNIA BERKELEY
UNDERGROUND SPRINKLER PIPING
FP1.0



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Alto Fire Protection
FIRE PROTECTION CONTRACTORS - LIC No. C-16-[illegible]
153 - 11TH STREET, RICHMOND, CA 94801
510 237-3898
FAX 510 237-0169

Date

Job No. 1-1841.50

Drawn J.C.

Checked

Approved for the Owner

Approved for the Architect

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2	Issued for Construction - 1 June 1992	

PRESENTATION FACULTY HOUSING

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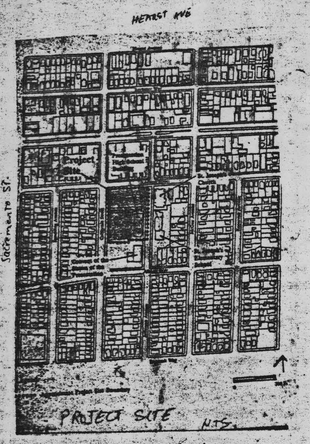
UNIVERSITY OF CALIFORNIA
BERKELEY

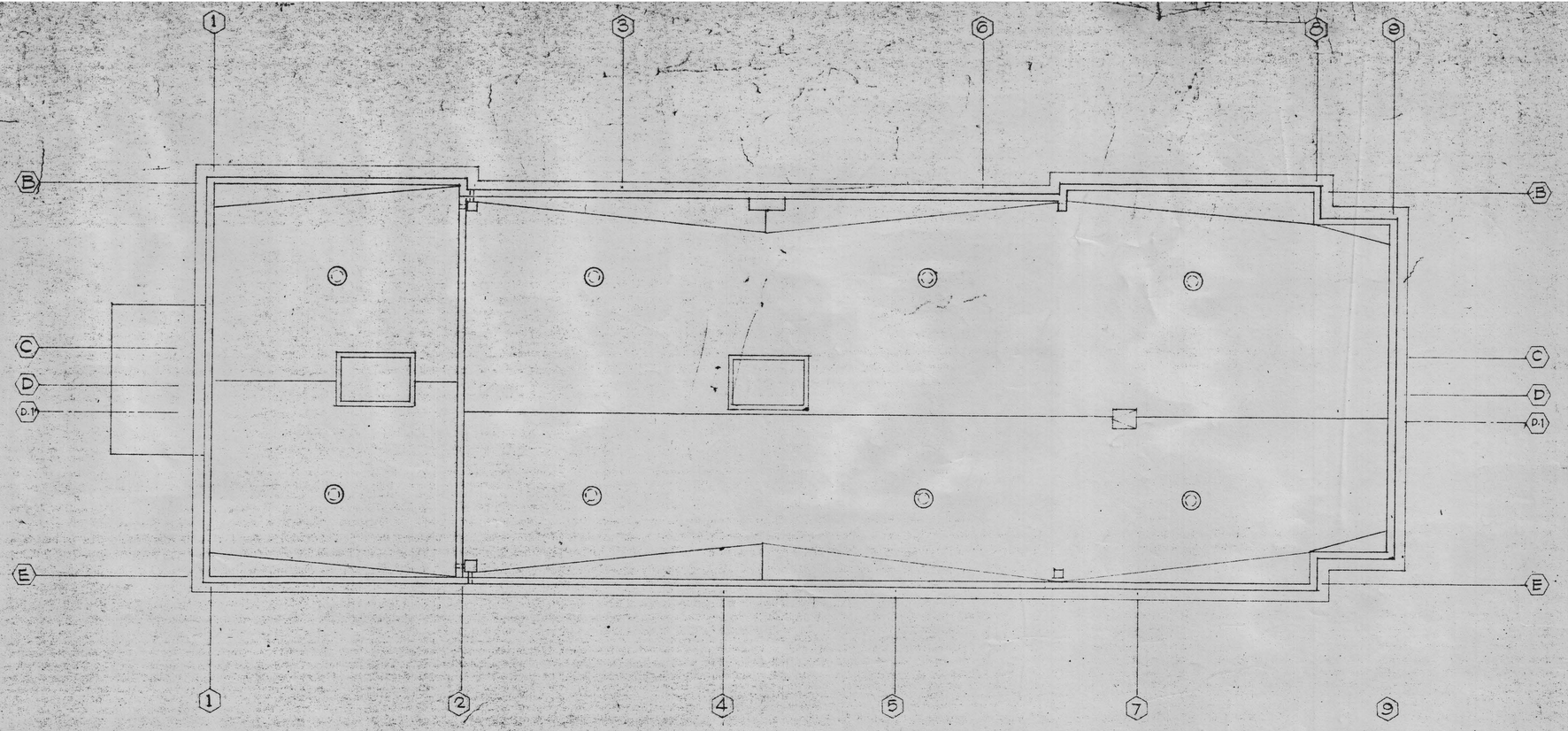
FIRST & SECOND FLOOR PLANS

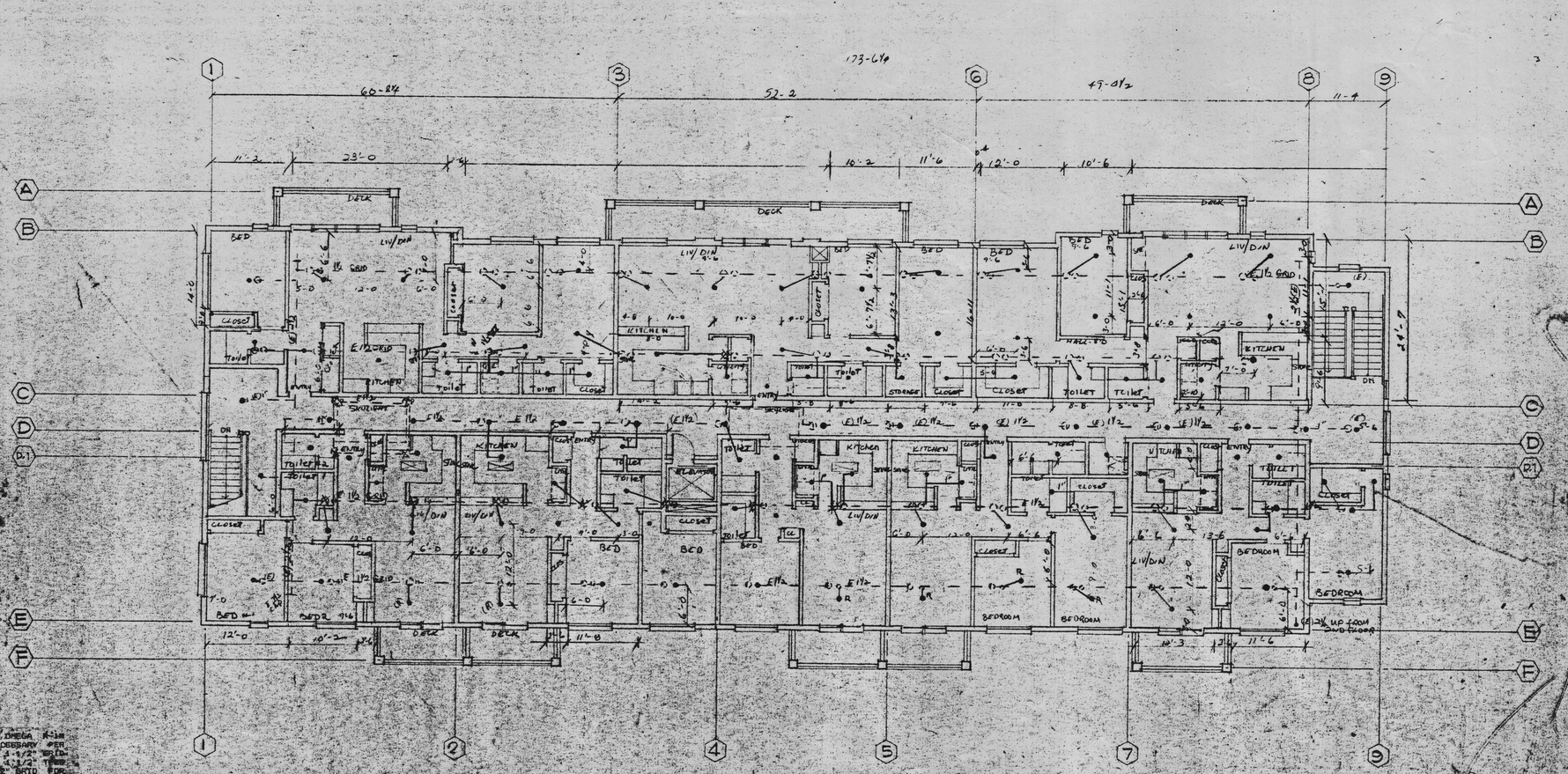
Code #: 180 A&E #: 50353

Sheet No.

FP8.0







NOTES

FIRE SPRINKLER NOTES (EXISTING BUILDING (3 STORY)
10,240 2ND & 3RD FLOORS, 7916 SQ.FT. 1ST. FL. LIGHT HAZARD.
EXISTING 4" SYSTEM IN SERVICE.
4" RISER WITH 4" BULK TO 2 1/2 CROSS MAINS AT EACH END OF BUILDING
WITH 1 1/2 GRID LINES.....
EXISTING UP AND DOWN HEADS. ALL PENDENT HEADS TO BE REPLACED WITH
NEW RESIDENTIAL OMEGA R-1 & 3/8" ORIFICE AND RELOCATED AS NECESSARY
FOR NEW WALLS. UPRIGHT HEADS TO REMAIN UNCHANGED.
SPACING PER N.F.P.A. # 13 LIGHT HAZARD WITH EXCEPTIONS TO SMALL
CLOSETS. DO NOT NEED TO BE SPRINKLERED.
HEADS TO BE REMOVED AND SCREWED CAST IRON FITTINGS ADDED FOR NEW
APPROVED TO NEW LOCATION AS NECESSARY FOR REMOVAL. NO MORE THAN
ONE PENDENT AND ONE UPRIGHT IN EXISTING 1" FITTING.
SOME NEW HEADS WERE ADDED BECAUSE OF ROOM CHANGES. EXISTING
TOTAL UPRIGHT HDBL RS 237 WITH 250 EXIST. PENDENT. TOTAL NEW AND
REPLACED HEADS 322 - 24 NEW HEADS ADDED PER FLOOR.
ALL NEW PIPING TO BE BLACK STEEL 2" AND SMALLER TO BE SCHEDULE 40.
ALL HANGERS AND EARTHQUAKE BRACING IN EXISTING. ANY NEW HANGERS
TO BE PER N.F.P.A. # 13. MATERIAL TO BE UL APPROVED.

[illegible]

DASHED LINE SHOWS EXISTING PIPING.
DASHED SHOWS EXISTING HEADS UPRIGHT AND PENDENT.
SOLID LINE SHOWS NEW PIPING.
[illegible] PENDENT OMEGA R-1M RESIDENTIAL [illegible]

[illegible] EXISTING PENDENT HEADS [illegible] RESIDENTIAL OMEGA R-1M
[illegible] RELOCATED WITH NEW 1" PIPE AS NECESSARY PER
N.F.P.A. 13 STANDARDS. SOME NEW 1 1/2" TEES ADDED TO 1 1/2" GRID
LINES AND SOME NEW CUTS INTO 2 1/2" CROSS MAIN AND NEW 1 1/2" TEES
ADDED FOR NEW LINE SUPPLY CONNECTED INTO EXISTING 1 1/2" GRID FOR
SIMILAR PIPING AS EXISTING. ALL MATERIALS UL APPROVED FOR FIRE
SPRINKLER WORK.

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Date	
Job No.	1-1841.50
Drawn	J.C.
Checked	
Approved for the Owner	
Approved for the Architect	

LICENSED FIRE PROTECTION CONTRACTOR
ALTO FIRE PROTECTION INC.
CLASS STATION
C-16
LICENSE NO.
255914
RICHMOND
STATE OF CALIFORNIA

No.	Revision	Date
2	Issued for Construction - 1 June 1992	

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

THIRD FLOOR PLAN

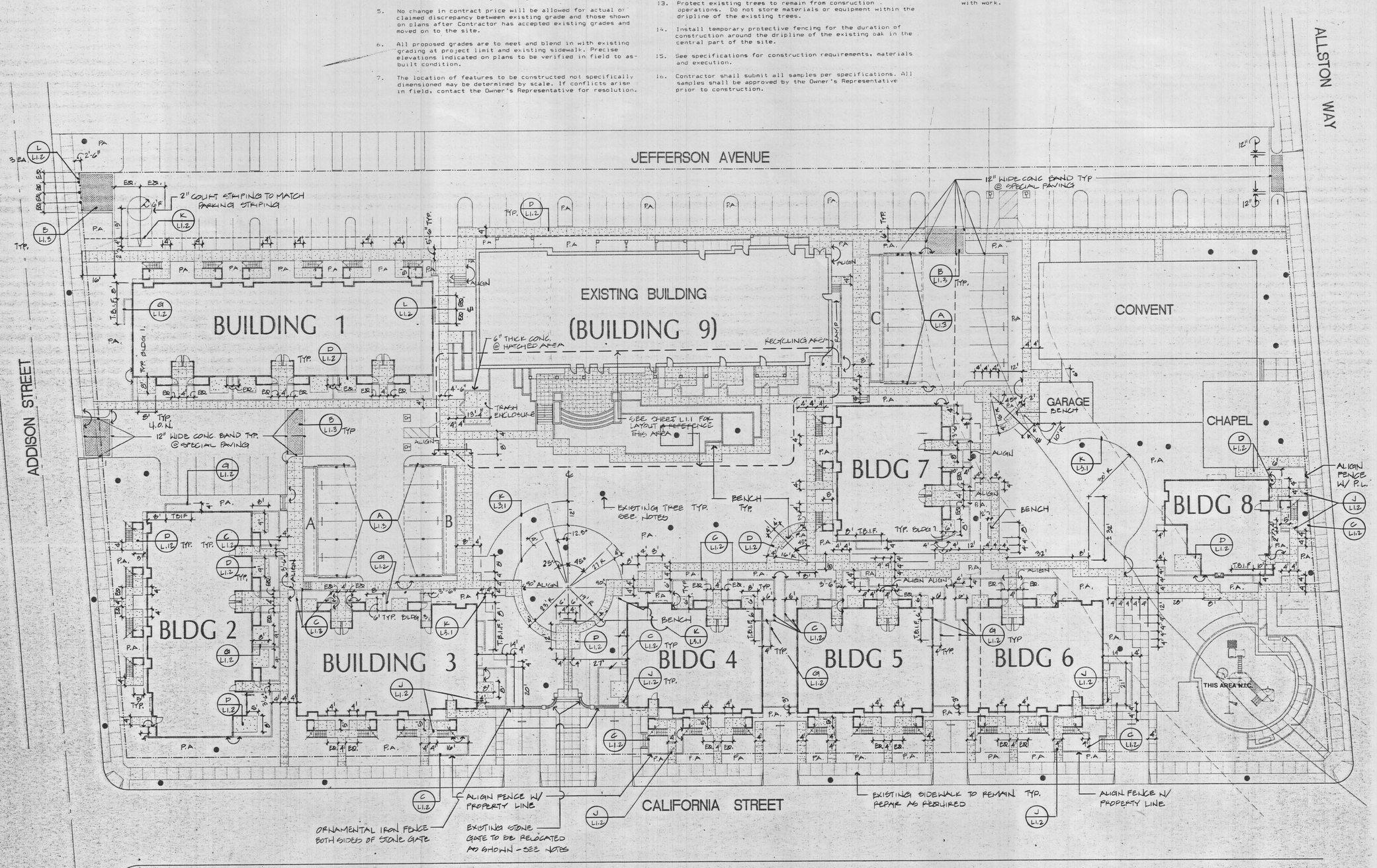
Code # 180 A&E # 50852

Sheet No.

FP9.0

CONSTRUCTION AND GRADING NOTES

1. Contractor shall be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for cost incurred due to damage and replacement of said utilities.
2. Contractor shall not willfully proceed with construction as designed when it is obvious that unknown obstructions and/or grade differences exist that may not have been known during design. Such conditions shall be immediately brought to the attention of the Owner's Representative. The Contractor shall assume full responsibility for all necessary revisions due to failure to give such notification.
3. Contractor shall be responsible for any coordination with subcontractors as required to accomplish operations.
4. Contractor is responsible for replacement of any existing materials that are damaged during construction.
5. No change in contract price will be allowed for actual or claimed discrepancy between existing grade and those shown on plans after Contractor has accepted existing grades and moved on to the site.
6. All proposed grades are to meet and blend in with existing grading at project limit and existing sidewalk. Precise elevations indicated on plans to be verified in field to as-built condition.
7. The location of features to be constructed not specifically dimensioned may be determined by scale. If conflicts arise in field, contact the Owner's Representative for resolution.
8. If, in the field, scaled dimensions conflict with stated grades and/or elevations, the design elevations shall take precedence.
9. Contractor to "round off" all sharp ridges existing on site whether or not such conditions are indicated on plans.
10. All work is subject to inspection in the field by the Owner's Representative.
11. Minimum slope at turf areas shall be 2%; Maximum slope at mounds shall be 20%.
12. Avoid grading operations within the driplines of existing trees to remain. Where roots are to be cut or disturbed, the Contractor shall employ the services of a qualified arborist to advise cutting of roots and pruning.
13. Protect existing trees to remain from consruction operations. Do not store materials or equipment within the dripline of the existing trees.
14. Install temporary protective fencing for the duration of construction around the dripline of the existing oak in the central part of the site.
15. See specifications for construction requirements, materials and execution.
16. Contractor shall submit all samples per specifications. All samples shall be approved by the Owner's Representative prior to construction.
17. All dimensions are from outside face of paving, walls, etc. unless otherwise noted.
18. Refer to grading plans for grading, drainage structures prior to installation of walks, walls, footings and other structures.
19. Paving contractor shall be responsible for verifying that all utilities, conduits, sleeves, etc., are placed and pressure tested prior to placing concrete or asphalt.
20. All electrical junction boxes for lights shall be in planting areas or as shown and as approved by the Owner's Representative.
21. Verify all existing dimensions with engineer in field. Report any discrepancies between dimensions shown and actual location to the Owner's Representative before proceeding with work.



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Chris Pattillo Associates
LANDSCAPE ARCHITECTS
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415/465-1284 • ASLA • LICENSE #1925

Date Submitted for Construction 24 February 1992
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Drawn AG
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Approved for the Architect

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	COORDINATION PRINTING	27 JAN. 1992

PRESENTATION FACULTY HOUSING

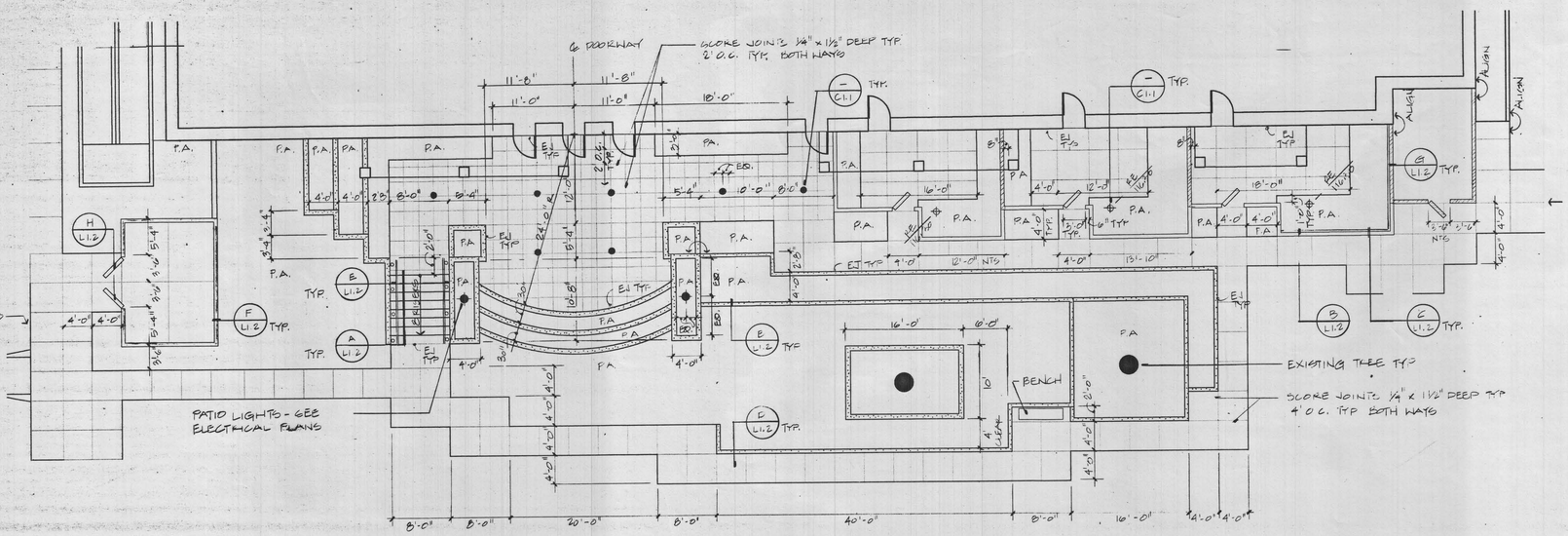
EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

SITE LAYOUT AND REFERENCE

Code #: 180 A&E #: 51025

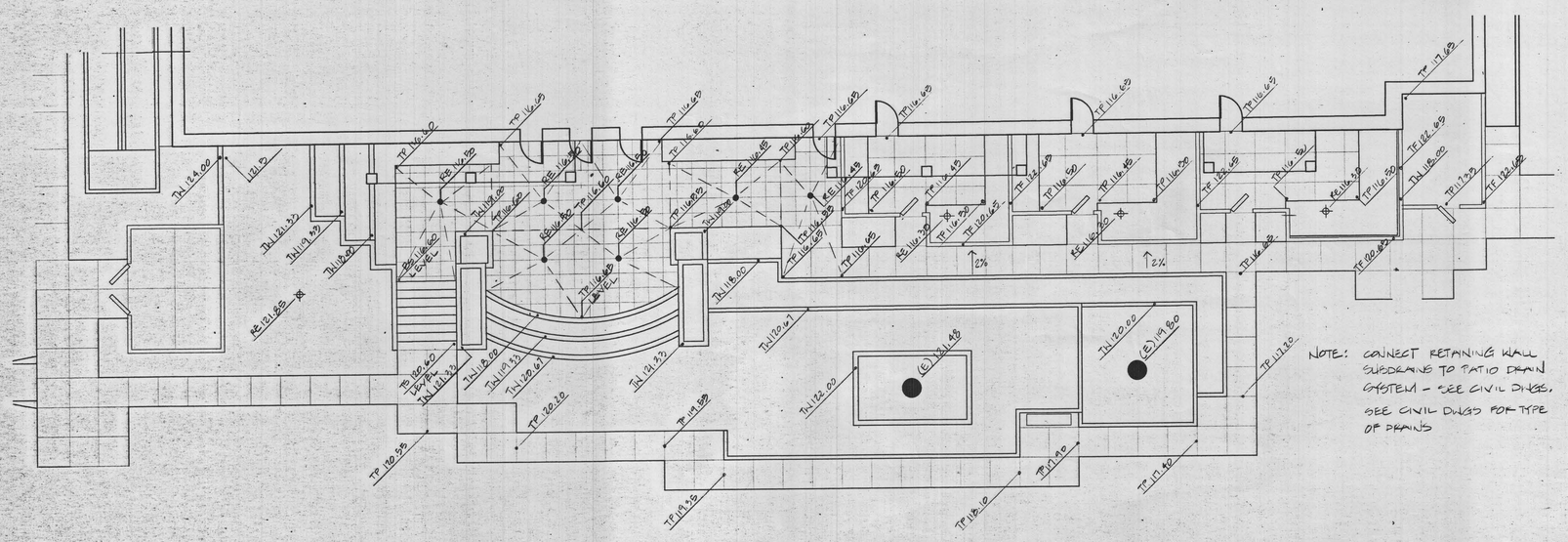
Sheet No.

L1.0



PATIO LAYOUT PLAN

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



LEGEND

(E)	EXISTING
R.E.	RIM ELEVATION
T.F.	TOP OF FENCE
T.P.	TOP OF PAVEMENT
B.S.	BOTTOM OF STAIRS
T.S.	TOP OF STAIRS
T.W.	TOP OF WALL

PATIO GRADING PLAN

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

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Date: Submitted for Construction 24 February 1992
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Drawn A.G.
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	COORDINATION PRINTING 27 JAN. 1992	

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

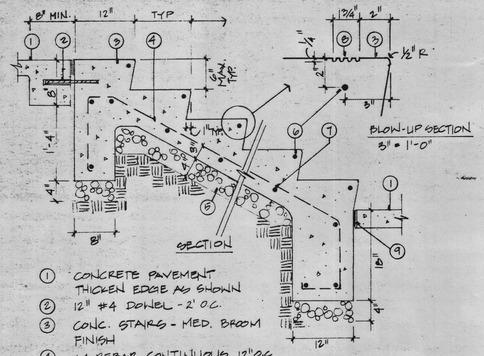
SITE LAYOUT AND REFERENCE

Code #: 180 A&E #: 51024

Sheet No.

L1.1

D:\Project File Name\...\L1.1_4X36.DWG
2/13/92
File Name: Presentation Faculty-Housing | AE 051024 - Sheet 999008.11 - Project 10184150 - Date 02-24-1992 - Title SITELAYOUTANDREFERE - Floor NNNN.pdf

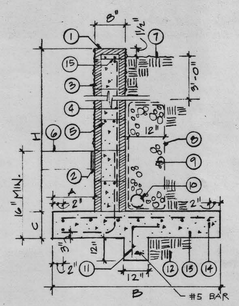


1. CONCRETE PAVEMENT THICKEN EDGE AS SHOWN
2. 12" #4 DOWEL - 2' O.C.
3. CONC. STAIRS - MED. BROOM FINISH
4. #4 REBAR CONTINUOUS 12" O.C.
5. COMPACTED AGGREGATE BASE
6. #4 NOSE BAR
7. #4 REBAR 12" OC./AS SHOWN
8. ¼" x ¼" DEEP GROOVED - GROOVES STOP 2" FROM END OF STAIRS - BOTH SIDES
9. ⅜" THICK ASPHALTIC FIBER EXPANSION JT W/ SEAL & BACKER ROD

A CONCRETE STAIR

SCALE: 1" = 1'-0"

H	A	B	C	V. BARS	X- BARS
2'-8"	8"	2'-6"	1'-2"	#3 @ 16"	#3 @ 24"
3'-4"	8"	2'-6"	1'-2"	#3 @ 16"	#3 @ 24"
4'-0"	12"	3'-6"	1'-2"	#4 @ 16"	#3 @ 24"
4'-8"	12"	3'-6"	1'-6"	#5 @ 16"	#3 @ 24"
5'-4"	12"	4'-0"	1'-6"	#5 @ 16"	#4 @ 30"
6'-0"	12"	4'-6"	1'-6"	#5 @ 16"	#4 @ 24"
6'-8"	15"	5'-0"	1'-6"	#5 @ 16"	#4 @ 16"

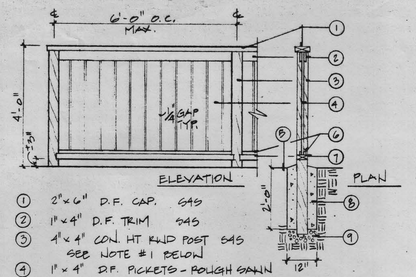


1. CAP - 2-4x4x16 SPLITFACE CAP
2. ⅜" ASPHALTIC FIBER EXP. JT W/ SEAL & BACKER ROD
3. 8" x 8" x 16" CMU. (4" x 8" x 16" AS REQ'D)
4. VERT. BARS 2-#4 @ 16"
5. X- BARS 2-#4 @ 16"
6. FINISH GRADE per PLAN
7. AMENDED SOIL BACKFILL
8. GEOTEXTILE
9. C.C.I.I. DRAIN ROCK
10. 4" ϕ PERF. DRAIN PIPE
11. CONC KEY - CTR. ON FTG. #4 @ 16" O.C. 18"
12. COMPACTED SUBGRADE
13. CONC. FOOTING
14. #3 BARS @ 12" O.C.
15. 2-#4 BARS CONT. IN BOND BEAM

NOTE: PROVIDE 12" KEY FOR WALLS ABOVE 5'-0".

B CMU RETAINING WALL

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



1. 2" x 6" D.F. CAP. S4S
2. 1" x 4" D.F. TRIM S4S
3. 4" x 4" CON. HT RAID POST S4S SEE NOTE #1 BELOW
4. 1" x 4" D.F. PICKETS - ROUGH SAWN
5. FINISH GRADE
6. 1" x 1" D.F. TRIM S4S
7. 2" x 4" D.F. BOTTOM RAIL - NOTCH ½" INTO 4x4 POSTS AS SHOWN
8. CONC FOOTING
9. 3" DEEP LAYER ¾" ϕ DRAIN ROCK - SEE NOTE 1

NOTES
1. THE CONTRACTOR AT HIS OPTION MAY SUBSTITUTE POST ANCHORS & DOUG FIR FOR THE FULL DEPTH RAID POST AS SHOWN. IF OPTION IS CHOSEN, DRAIN ROCK MAY BE ELIMINATED
2. ALL WOOD SHALL BE SELECT STRUCT #1 DOUG. FIR UNLESS OTHERWISE NOTED. ALL CONNECTORS SHALL BE GALVANIZED
3. FENCE SHALL BE PAINTED W/ ONE COAT PRIMER AND TWO COATS PAINT TO MATCH BLDG TRIM

C WOOD FENCE – 4' HT.

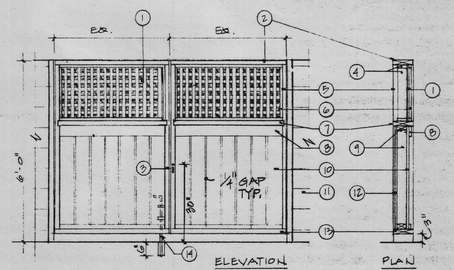
SCALES: ⅛" = 1'-0"



NOTES:
1. MIN. SLOPE ⅛" PER FT.
2. LIGHT BROOM FINISH
3. TOOL ALL SLAB EDGES ½" R
4. TOOL ALL JOINTS ¼" R.
5. USE EXPANSION JOINTS @ FACE OF BLDG & @ RETAINING WALLS and STAIRS. USE DEEP SCORE JOINTS ON SIDEWALKS THROUGHOUT SITE.

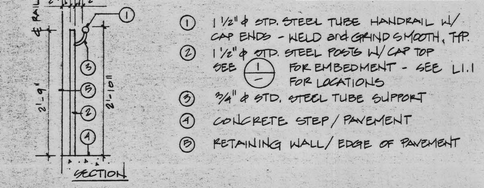
D CONCRETE PAVING

NO SCALE



1. ¼" x 1" LATTICE
2. 2" x 6" D.F. TOP RAIL S4S
3. THUMB - PRESS LATCH & HANDLE - SUBMIT CUT-SHEET FOR APPROVAL
4. 1" x 3" D.F. 'INNER' FRAME - NAILER FOR LATTICE - S4S
5. 2" x 6" D.F. DOOR FRAME - S4S
6. 1" x 1" D.F. TRIM S4S
7. 2" x 6" D.F. CENTER RAIL - NOTCH INTO FRAME - S4S
8. 1" x 4" D.F. TRIM - S4S
9. 2" x 3" D.F. 'INNER' FRAME - NAILER FOR PLYWOOD BACKING
10. 1" x 4" D.F. PICKETS - ROUGH SAWN
11. C.M.U. WALL - SEE D -
12. ¾" CDX PLYWOOD BACKING
13. 2" x 6" D.F. BOTTOM RAIL
14. ⅝" ϕ CANE BOLT & ⅞" I.D. STEEL SLEEVE SET 6" INTO FINISH GRADE

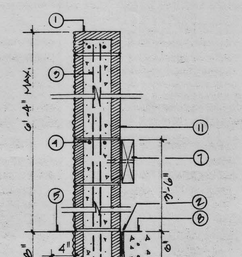
SEE NOTES 2 & 3 DETAIL C -



1. 1½" ϕ STD. STEEL TUBE HANDRAIL W/ CAP ENDS - WELD and GRIND SMOOTH, TYP.
2. 1½" ϕ STD. STEEL POSTS W/ CAP TOP SEE 1 - FOR EMBEDMENT - SEE L1.1 FOR LOCATIONS
3. ¾" ϕ STD. STEEL TUBE SUPPORT
4. CONCRETE STEP / PAVEMENT
5. RETAINING WALL / EDGE OF PAVEMENT

E HAND RAIL

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

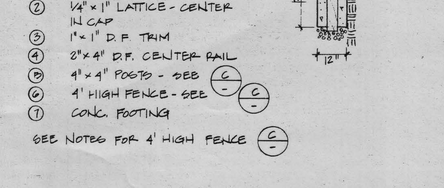


1. C.M.U. CAP
2. ⅜" ASPHALTIC FIBER EXP. JT. W/ SEAL & BACKER ROD
3. 2 - #4 BARS 32" O.C. GROUTED AS STUD CORES - INSTALL 4 - #3 IN LAST TWO CORES @ WALL ENDS TO FORM PILASTER
4. 2 - #4 BARS CONT.
5. FINISH GRADE
6. #4 BAR CONT.
7. 2" x 8" PRES. TRTD D.F. BUMPER ANCHOR TO WALL @ 5' O.C.
8. CONC. SLAB @ INTERIOR OF ENCLOSURE
9. CONC. FOOTING
10. COMPACTED SUBGRADE
11. 8" x 8" x 16" C.M.U. WALL SPLIT FACE @ EXTERIOR

NOTE: ADJUST HEIGHT OF BUMPERS TO HEIGHT OF FORK TUBES ON DUMPSTERS.

F CMU TRASH ENCLOSURE WALL

SCALE: 1" = 1'-0"

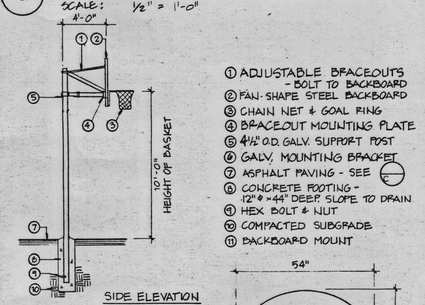


1. 2" x 6" D.F. CAP. S4S
2. ¼" x 1" LATTICE - CENTER IN CAP
3. 1" x 1" D.F. TRIM
4. 2" x 4" D.F. CENTER RAIL
5. 4" x 4" POSTS - SEE C -
6. 4' HIGH FENCE - SEE C -
7. CONC. FOOTING

SEE NOTES FOR 4' HIGH FENCE C -

G WOOD FENCE – 6' HT.

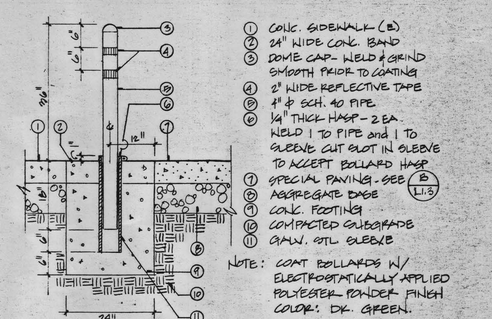
SCALE: ½" = 1'-0"



1. ADJUSTABLE BRACEOUTS - BOLT TO BACKBOARD
2. FAN-SHAPE STEEL BACKBOARD
3. CHAIN NET & GOAL RING
4. BRACEOUT MOUNTING PLATE
5. 4½" O.D. GALV. SUPPORT POST
6. GALV. MOUNTING BRACKET
7. ASPHALT PAVING - SEE E -
8. CONCRETE FOOTING - 12" ϕ x 44" DEEP. SLOPE TO DRAIN
9. HEX BOLT & NUT
10. COMPACTED SUBGRADE
11. BACKBOARD MOUNT

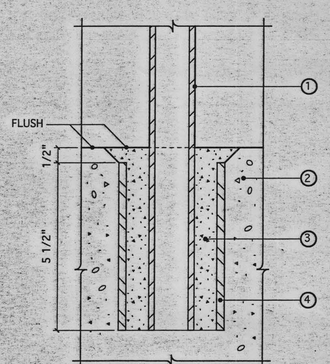
H TRASH ENCLOSURE GATE

SCALE: ½" = 1'-0"



1. CONC. SIDEWALK (B)
2. 24" WIDE CONC. BAND
3. DOME CAP - WELD & GRIND SMOOTH PRIOR TO COATING
4. 2" WIDE REFLECTIVE TAPE
5. 4" ϕ SCH. 40 PIPE
6. ¼" THICK HASP - 2 EA. WELD 1 TO PIPE and 1 TO SLEEVE CUT SLOT IN SLEEVE TO ACCEPT BOLLARD HASP
7. SPECIAL PAVING - SEE B L1.1
8. AGGREGATE BASE
9. CONC. FOOTING
10. COMPACTED SUBGRADE
11. GALV. STL. SLEEVE

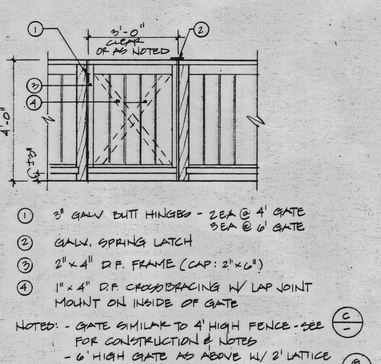
NOTE: COAT BOLLARDS W/ ELECTROSTATICALLY APPLIED POLYESTER POWDER FINISH COLOR: DK. GREEN. CONTRACTOR TO PROVIDE 3 HEAVY DUTY - ALL WEATHER PADLOCKS W/ MATCHED KEYS AS APPROVED BY FIRE and POLICE DEPTS.



1. HANDRAIL OR GUARDRAIL
2. CONC. WALL OR CONC. STAIR
3. PACK WITH NON-SHRINK GROUT
4. STEEL SLEEVE - DIAMETER AS RECOMMENDED BY GROUT MANUF.

I HAND RAIL EMBEDMENT

SCALE: 6" = 1'-0"



1. 3" GALV BUTT HINGES - 2 EA @ 4' GATE 3 EA @ 6' GATE
2. GALV. SPRING LATCH
3. 2" x 4" D.F. FRAME (CAP: 2" x 6")
4. 1" x 4" D.F. CROSSBRACING W/ LAP JOINT MOUNT ON INSIDE OF GATE

NOTES:
- GATE SIMILAR TO 4' HIGH FENCE - SEE C - FOR CONSTRUCTION & NOTES
- 6' HIGH GATE AS ABOVE W/ 2' LATTICE SECTION SIMILAR TO 6' HIGH FENCE - SEE G -
- NOTCH 2" x 6" CAP TO FACILITATE GATE OPENING, AS REQ'D

J WOOD GATE

SCALE: ½" = 1'-0"

K BASKETBALL STANDARD

SCALE: AS NOTED

L REMOVEABLE BOLLARD

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

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PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

CONSTRUCTION DETAILS

Code #: 180 A&E #: 51023

Sheet No.

L1.2

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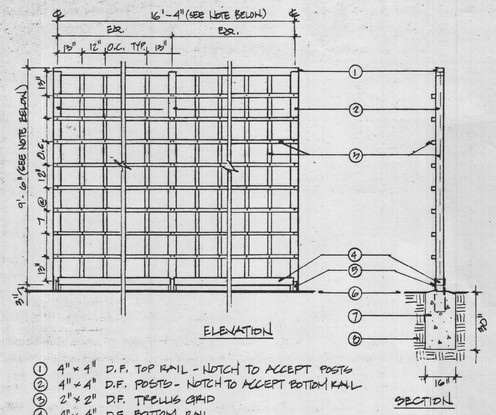


ELEVATION

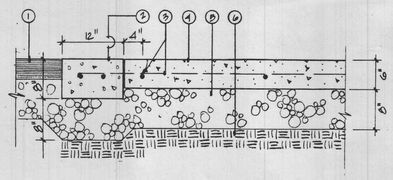
SECTION

1. 4" x 4" D.F. TOP RAIL - NOTCH TO ACCEPT POSTS
2. 4" x 4" D.F. POSTS - NOTCH TO ACCEPT BOTTOM RAIL
3. 2" x 2" D.F. TRELLIS GRID
4. 4" x 4" D.F. BOTTOM RAIL
5. HEAVY DUTY POST ANCHOR - BOLT THROUGH POST W/ 2 - 7/16" ϕ GALV. CARRIAGE BOLTS
6. FINISH GRADE
7. 16" ϕ CONC. FOOTING
8. COMPACTED SUBGRADE

NOTES:
1. ALL WOOD SHALL BE SEL. STRUCT. #1 DOUG. FIR.
2. ALL CONNECTORS SHALL BE GALVANIZED.
3. PAINT W/ ONE COAT PRIMER & TWO COATS PAINT TO MATCH BLDG. TRIM.
4. ADJUST DIMENSIONS FOR ACTUAL LUMBER SIZES. NOMINAL SIZE ARE USED IN ABOVE LEGEND
5. WIDTH OF TRELLIS @ BLDG 1 TO BE 12'-4", TOP RAIL TO ALIGN W/ TOP OF WINDOWS (HT= ± 7') DIM. BETWEEN BOTTOM RAIL & FINISH GRADE FLOATS.

A WOOD TRELLIS

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



1. A.C. PAVEMENT / 6" CURB AS APPLIC.
2. 12" WIDE CONC. BAND - SEE PLAN
3. #4 REBAR 24" O.C. BOTH WAYS TYP.
4. 'BOMANITE' STAMPED CONC. PAVEMENT - SEE SPECS.
5. AGGREGATE BASE
6. COMPACTED SUBGRADE

B SPECIAL PAVEMENT

SCALE: 1" = 1'-0"

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Drawn A.G.

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PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

CONSTRUCTION DETAILS

Code # : 180 A&E # : 51022

Sheet No.

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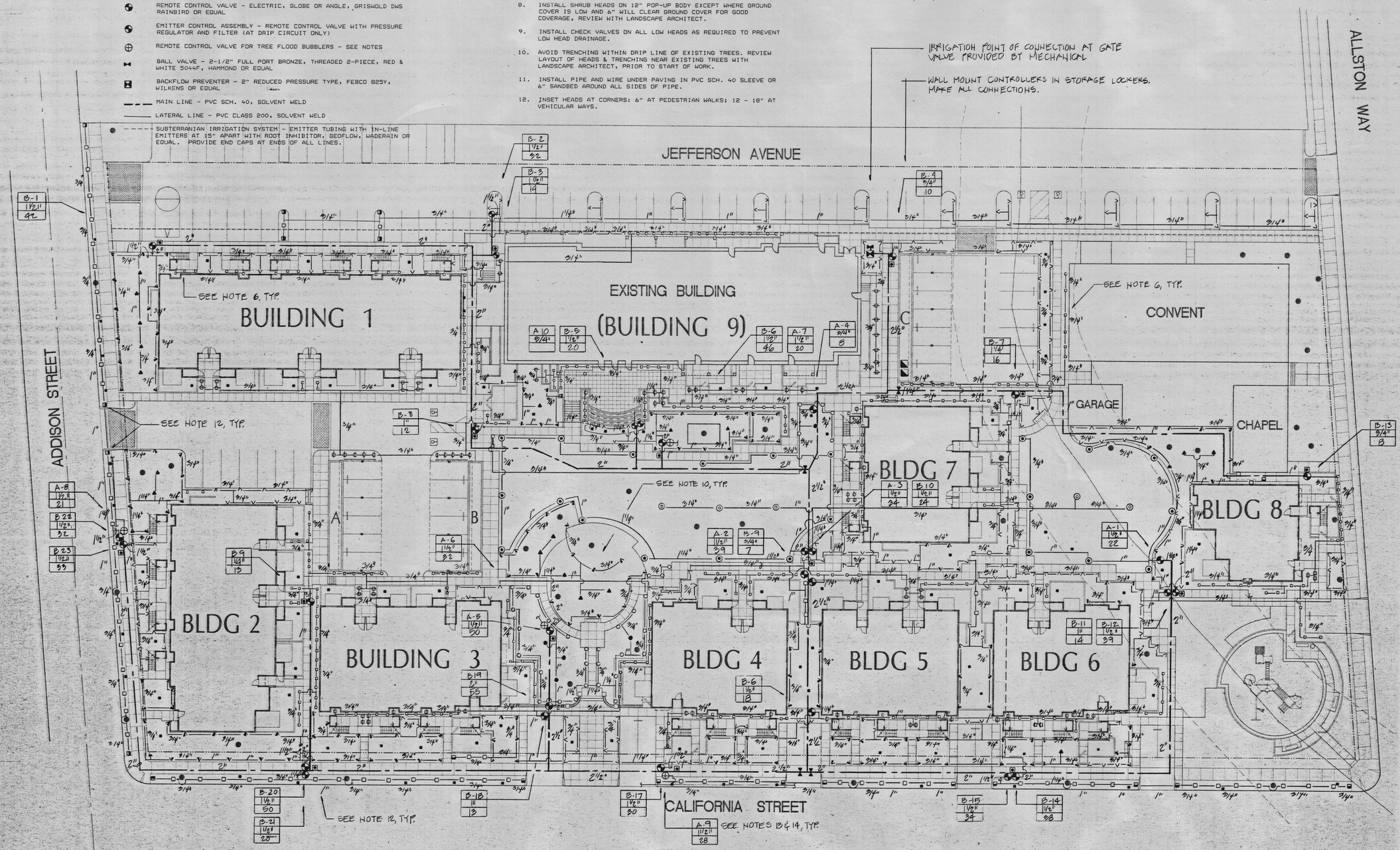
IRRIGATION LEGEND & NOTES

- ● ○ STANDARD LAWN HEAD - FULL & PART CIRCLE, 15'RADIUS, 4.0 GPM FOR FULL AT 30 PSI, 4" POP UP WITH WIPER SEAL, TORO 570C-15, RAINBIRD OR EQUAL
- ◎ ◉ GEAR DRIVE SPRINKLER - FULL & PART CIRCLE, ADJUSTABLE, 40' RADIUS AT 30 PSI, 3.43 GPM FOR HALF FOR PART CIRCLE HEADS; 30'RADIUS AT 50 PSI, 4.83 FOR FULL CIRCLE HEADS, TORO XP-300-07 & 05, HUNTER OR EQUAL
- ▲ ▼ STANDARD SHRUB HEAD - PART CIRCLE, 15'RADIUS, 2.0 GPM FOR HALF AT 30 PSI, 6" POP UP WITH SEAL, TORO 570C-15, RAINBIRD OR EQUAL
- △ ▽ FLAT SHRUB HEAD - LOW GALLONAGE PART CIRCLE, 7'RADIUS, 0.5 GPM FOR HALF AT 30 PSI, 6" POP UP WITH SEAL, TORO 570C-7LG, RAINBIRD OR EQUAL
- ◘ ¢ SPIDER BUBBLER - 2 OR 6 OUTLET TO FIT BED/PLANTS, ADJUSTABLE ON FIXED RISER, .93 GPM FOR FULL AT 20 PSI;.25 FOR 2-OUTLET, TORO 500 OR EQUAL
- □ ◨ SIDE, CENTER & END STRIP SPRAY - 1.2 GPM AT 30 PSI FOR SIDE, 6" POP UP WITH SEAL, TORO 570C-EST,CST,SST, RAINBIRD OR EQUAL
- ◙ QUICK COUPLER - 1" TWO PIECE, BRASS OR BRONZE WITH LOCKING COVER, RAINBIRD 44 LRC, BUCKNER OR EQUAL
- ◪ CONTROLLER - SOLID STATE DUAL PROGRAM, GRISWOLD GD-15 & 25, IRRITROL OR EQUAL
- ◔ REMOTE CONTROL VALVE - ELECTRIC, GLOBE OR ANGLE, GRISWOLD DWS RAINBIRD OR EQUAL
- ◔ EMITTER CONTROL ASSEMBLY - REMOTE CONTROL VALVE WITH PRESSURE REGULATOR AND FILTER (AT DRIP CIRCUIT ONLY)
- ⊕ REMOTE CONTROL VALVE FOR TREE FLOOD BUBBLERS - SEE NOTES
- ⋈ BALL VALVE - 2-1/2" FULL PORT BRONZE, THREADED 2-PIECE, RED & WHITE 5044F, HAMMOND OR EQUAL
- ⊠ BACKFLOW PREVENTER - 2" REDUCED PRESSURE TYPE, FEBCO 825Y, WILKENS OR EQUAL
- MAIN LINE - PVC SCH. 40, SOLVENT WELD
- LATERAL LINE - PVC CLASS 200, SOLVENT WELD
- SUBTERRANIAN IRRIGATION SYSTEM - EMITTER TUBING WITH IN-LINE EMITTERS AT 15" APART WITH ROOT INHIBITOR, GEOFLOW, WADERAIN OR EQUAL. PROVIDE END CAPS AT ENDS OF ALL LINES.

1. SYSTEM DESIGNED FOR 72 PSI AND 53 GPM MINIMUM AT THE POINT OF CONNECTION. CONFIRM PRIOR TO START OF WORK. ADVISE LANDSCAPE ARCHITECT IF PRESSURE EXCEEDS 100 PSI.
2. MAKE IRRIGATION POINT OF CONNECTION AS INDICATED ON PLAN AND COORDINATE WITH OTHER WORK AS REQUIRED. EXACT LOCATION OF BACKFLOW DEVICE TO BE APPROVED PRIOR TO INSTALLATION.
3. COORDINATE WITH OTHER WORK AS REQUIRED TO PROVIDE POWER TO IRRIGATION CONTROLLER. EXACT LOCATION OF CONTROLLER TO BE APPROVED PRIOR TO INSTALLATION.
4. LOCATE REMOTE CONTROL VALVES IN SHRUB AREAS ADJACENT TO EDGES WHEREVER POSSIBLE.
5. IRRIGATION EQUIPMENT MAY BE SHOWN IN PAVED AREAS FOR GRAPHIC CLARITY. THE INTENT OF THE PLAN IS THAT EQUIPMENT BE INSTALLED WITHIN PLANTING AREAS WHEREVER POSSIBLE.
6. SELECT NOZZLES TO FIT AREA BEING IRRIGATED AND TO MINIMIZE OVERSPRAY. USE ADJUSTABLE ARC NOZZLES IN AREAS SMALLER THAN 90 DEGREE ANGLE.

   COORDINATE IRRIGATION LAYOUT WITH PLANTING LAYOUT. DO NOT PLACE HEADS WHICH WILL CONFLICT WITH PLANT PLACEMENT. PLACE 2 OUTLET SPIDER BUBBLERS AT MID POINT BETWEEN 2 SHRUBS.
7. FULL COVERAGE REQUIRED. CONTRACTOR TO MAKE MINOR MODIFICATIONS TO LAYOUT AS REQUIRED TO OBTAIN COMPLETE COVERAGE AND REVIEW WITH LANDSCAPE ARCHITECT.
8. INSTALL SHRUB HEADS ON 12" POP-UP BODY EXCEPT WHERE GROUND COVER IS LOW AND 6" WILL CLEAR GROUND COVER FOR GOOD COVERAGE, REVIEW WITH LANDSCAPE ARCHITECT.
9. INSTALL CHECK VALVES ON ALL LOW HEADS AS REQUIRED TO PREVENT LOW HEAD DRAINAGE.
10. AVOID TRENCHING WITHIN DRIP LINE OF EXISTING TREES. REVIEW LAYOUT OF HEADS & TRENCHING NEAR EXISTING TREES WITH LANDSCAPE ARCHITECT, PRIOR TO START OF WORK.
11. INSTALL PIPE AND WIRE UNDER PAVING IN PVC SCH. 40 SLEEVE OR 6" SANDBED AROUND ALL SIDES OF PIPE.
12. INSET HEADS AT CORNERS: 6" AT PEDESTRIAN WALKS; 12 - 18" AT VEHICULAR WAYS.
13. CIRCUITS A-6 THRU A-9 TO SERVE FLOOD BUBBLERS AT TREES. LATERAL LINE NOT SHOWN FOR GRAPHIC CLARITY. CONNECT HEADS INTO CIRCUITS AS FOLLOWS:

    A-6 TREES IN INTERIOR AREA WITH SHADY EXPOSURE (EAST FACING)
    A-7 TREES IN INTERIOR AREA WITH SUNNY EXPOSURE (WEST EXPOSURE)
    A-8 TREES ALONG ADDISON AND JEFFERSON
    A-9 TREES ALONG CALIFORNIA STREET
14. INSTALL FLOOD BUBBLERS AT ALL TREES INSIDE 4" DIAMETER PERFORATED WATERING SLEEVE. SEE DETAIL "L".



SCALE : 1' = 20'-0"

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PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

IRRIGATION PLAN

Code # 180 A&E #: 51021

Sheet No.

L2.0

Plotted: 18/92
Plotted by: STEVE
Plotted for: Chris Pattillo Associates
Drawing File Name: [illegible]
Xref Name: Presentation Faculty Housing , AU 551021 , Sheet 000008.20 - Project IU1841.50 - Date 02-24-1992 - Title IRRIGATIONPLAN000000 - Floor NNNN .pdf

PLANT LEGEND

TREES

SYMBOL	LATIN/COMMON NAME	SIZE	REMARKS
ACE PAL	ACER PALMATUM JAPANESE MAPLE	24" BOX 15 GAL	MULTI-TRUNK
ARB UNE	ARBUTUS UNEDO STRAWBERRY TREE	36" BOX	MULTI-TRUNK
CRA PHA	CRATAEGUS P.PAULII WASHINGTON THORN	24" BOX	UNIFORM
GEI PAR	GEIJERA PARVIFOLIA AUSTRALIAN WILLOW	15 GAL	UNIFORM
LIQ P.A.	LIQUIDAMBER S. 'PALO ALTO' SWEETGUM	24" BOX	UNIFORM
MAL FLO	MALUS FLORIBUNDA CRABAPPLE	15 GAL	EVEN BRANCH STRUCT.
MAL P.S.	MALUS 'PINK SPIRE' CRABAPPLE	15 GAL	HIGH BRANCHED
POD GRA	PODOCARPUS GRACILIOR FERN PINE	15 GAL	STANDARD FORM
PRU CER	PRUNUS C. 'THUNDERCLOUD' PURPLE LEAF PLUM	15 GAL	
QUE RUB	QUERCUS RUBRA RED OAK	24" BOX	MATCHED
SOP JAP	SOPHORA JAPONICA JAP. SCHOLAR TREE	24" BOX	EVEN BRANCH STRUCT.

SHRUBS

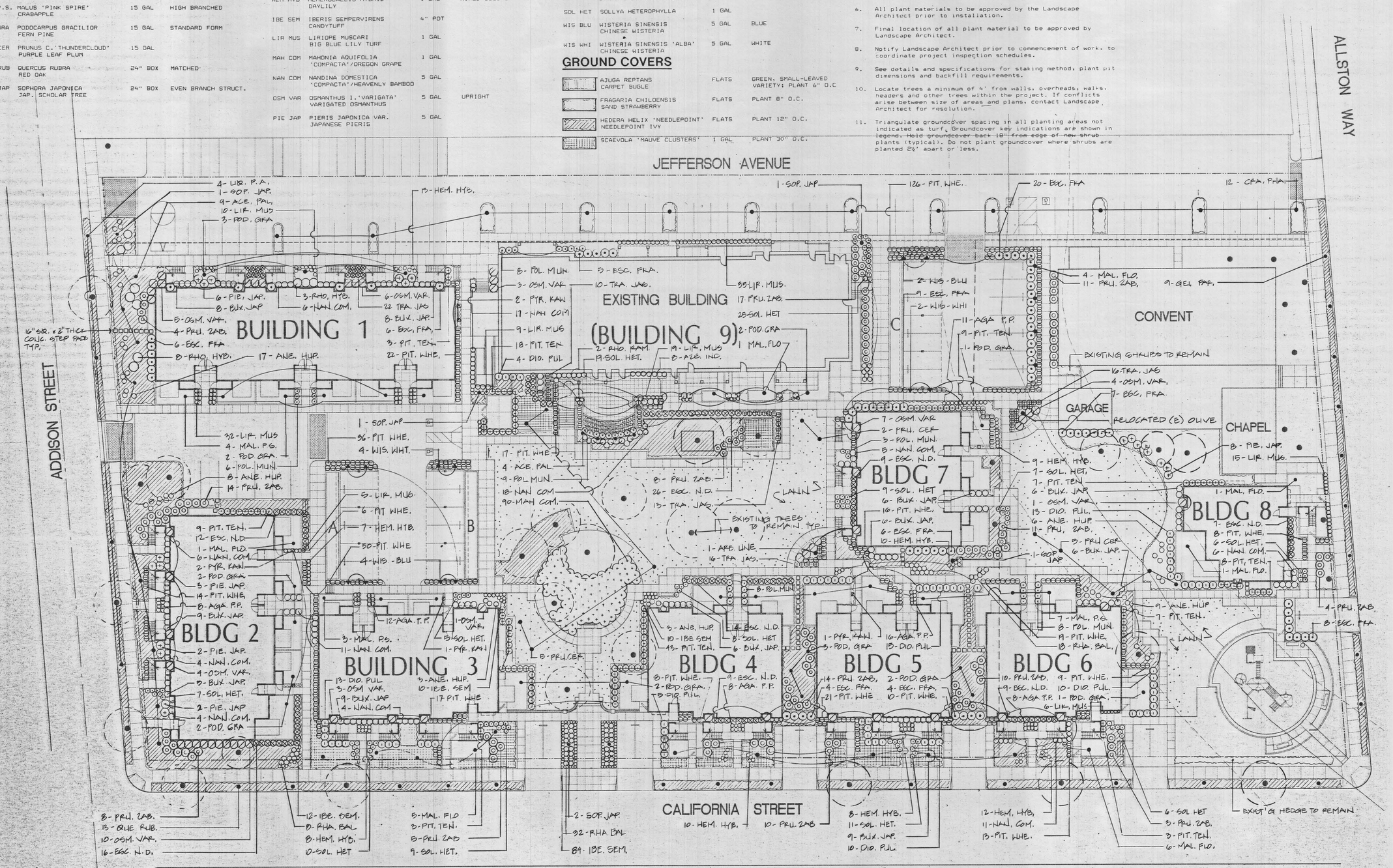
AGA P.P.	AGAPANTHUS 'PETER PAN' DWARF LILY OF THE NILE	1 GAL	BLUE FLOWER
ANE HUP	ANEMONE HUPAHENSIS NCN	1 GAL	PINK FLOWER
AZE IND	AZALEA INDICA	5 GAL	PINK FLOWER
BUX JAP	BUXUS JAPONICA JAPANESE BOXWOOD	5 GAL	FULL FOLIAGE
DIO PUL	DIOSMA PULCHRUM BREATH OF HEAVEN	1 GAL	BUSHY
ESC FRA	ESCALLONIA FRADESII NCN	5 GAL	MATCHED SIZE
ESC N.D.	ESCALLONIA 'NEWPORT DWF' DWARF ESCALLONIA	1 GAL	
HEM HYB	HEMEROCALLIS HYBRID DAYLILY	1 GAL	MIXED COLORS
IBE SEM	IBERIS SEMPERVIRENS CANDYTUFF	4" POT	
LIR MUS	LIRIOPE MUSCARI BIG BLUE LILY TURF	1 GAL	
MAH COM	MAHONIA AQUIFOLIA 'COMPACTA'/OREGON GRAPE	1 GAL	
NAN COM	NANDINA DOMESTICA 'COMPACTA'/HEAVENLY BAMBOO	5 GAL	
OSM VAR	OSMANTHUS I.'VARIGATA' VARIGATED OSMANTHUS	5 GAL	UPRIGHT
PIE JAP	PIERIS JAPONICA VAR. JAPANESE PIERIS	5 GAL	
PIT TEN	PITTOSPORUM TENUIFOLIUM	5 GAL	UPRIGHT
PIT WHE	PITTOSPORUM 'WHEELERI' WHEELER'S DWARF TOBIRA	1 GAL	
POL MUN	POLYSTICHUM MUNITUM SWORD FERN	5 GAL	
PRU ZAB	PRUNUS L. ZABELIANA ZABEL LAUREL	5 GAL	
PYR KAW	PYRUS KAWAKAMI EVERGREEN PEAR	15 GAL	ESPALIERED
RHO HYB	RHODODENDRON 'MRS. G. W. LEAK'	5 GAL	FULL FOLIAGE
RHO RAM	RHODODENDRON 'RAMAPO'	5 GAL	FULL FOLIAGE
RHA BAL	RHAPIOLEPSIS 'BALLARINA' DWARF INDIAN HAWTHORN	5 GAL	
SOL HET	SOLLYA HETEROPHYLLA	1 GAL	
WIS BLU	WISTERIA SINENSIS CHINESE WISTERIA	5 GAL	BLUE
WIS WHI	WISTERIA SINENSIS 'ALBA' CHINESE WISTERIA	5 GAL	WHITE

GROUND COVERS

AJUGA REPTANS CARPET BUGLE	FLATS	GREEN, SMALL-LEAVED VARIETY; PLANT 6" O.C
FRAGARIA CHILOENSIS SAND STRAWBERRY	FLATS	PLANT 8" O.C.
HEDERA HELIX 'NEEDLEPOINT' NEEDLEPOINT IVY	FLATS	PLANT 12" O.C.
SCAEVOLA 'MAUVE CLUSTERS'	1 GAL	PLANT 30" O.C.

PLANTING NOTES

1. Contractor is responsible for being familiar with all underground utilities, pipes and structures. Contractor is responsible for any cost incurred due to damage of said utilities.
2. Do not willfully proceed with construction as shown when it is obvious that unknown obstructions and/or grade differences exist that may not have been known during design. Bring such conditions to the attention of the Owner's Representative. Contractor assumes full responsibility for all necessary revisions due to failure to give such notification.
3. Coordinate with subcontractors as required to accomplish planting operations.
4. Landscape contractor to receive site graded to plus or minus .10 ft.
5. See specifications for planting requirements, materials and execution.
6. All plant materials to be approved by the Landscape Architect prior to installation.
7. Final location of all plant material to be approved by Landscape Architect.
8. Notify Landscape Architect prior to commencement of work, to coordinate project inspection schedules.
9. See details and specifications for staking method, plant pit dimensions and backfill requirements.
10. Locate trees a minimum of 4' from walls, overheads, walks, headers and other trees within the project. If conflicts arise between size of areas and plans, contact Landscape Architect for resolution.
11. Triangulate groundcover spacing in all planting areas not indicated as turf. Groundcover key indications are shown in legend. Hold groundcover back 18" from edge of new shrub plants (typical). Do not plant groundcover where shrubs are planted 2½' apart or less.
12. Headerboard or concrete mowband to separate groundcover areas from turf areas, per plan and details.
13. Stake all trees per detail.
14. Mulch all shrubs/groundcover areas with 2" deep mulch per specifications.



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PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

PLANTING PLAN

Code #: 180 A&E #: 51020

Sheet No.

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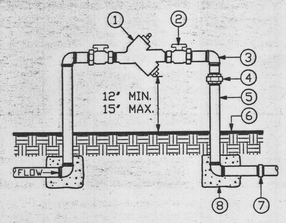
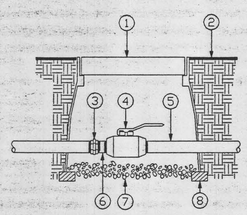


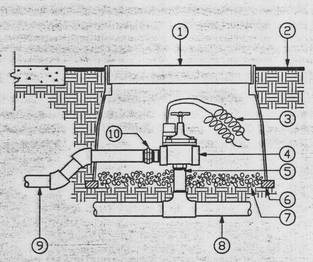
1. BACKFLOW PREVENTER
2. BALL VALVE SHUT OFFS
3. GALVANIZED ELLS
4. GALVANIZED UNION
5. GALVANIZED NIPPLES
6. FINISH GRADE
7. PVC ADAPTOR 30" BEYOND UNIT
8. CONCRETE THRUST BLOCK - 1 CUBIC FOOT

A BACKFLOW PREVENTER



1. PLASTIC VALVE BOX WITH LOCKING LID & EXTENSIONS AS REQ'D.
2. FINISH GRADE
3. PVC UNION
4. BALL VALVE
5. MAIN LINE
6. PVC SCH. 80 NIPPLE
7. FILL BOTTOM OF BOX W/ 3" DEPTH DRAIN ROCK
8. BRICK TO SUPPORT BOX AS NEEDED

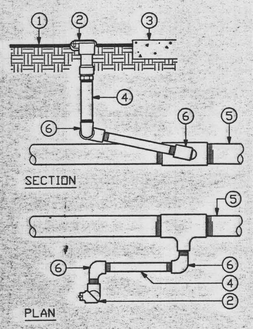
B BALL VALVE



1. PLASTIC VALVE BOX. INSTALL PARALLEL TO EDGES & ADJACENT TO PAVING WHERE POSSIBLE.
2. FINISH GRADE
3. 24" COILED WIRE SLACK
4. REMOTE CONTROL VALVE
5. PVC SCH. 80 NIPPLE
6. BRICK TO SUPPORT BOX AS NEEDED
7. FILL BOTTOM OF BOX W/ 3" DEPTH DRAIN ROCK
8. MAIN LINE
9. LATERAL
10. PVC UNION

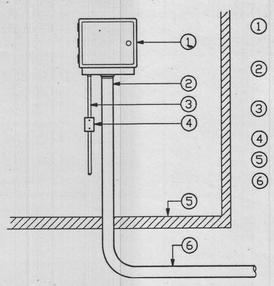
NOTE: BUNDLE & TAPE WIRE EVERY 10 FT. SEAL WIRE ENDS WITH SPLICING MATERIAL.

C REMOTE CONTROL VALVE



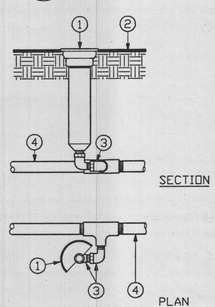
1. FINISH GRADE
2. QUICK COUPLER FLUSH WITH FINISH GRADE
3. PAVING OR VALVE BOX
4. 12" PVC SCH. 80 NIPPLE
5. MAIN LINE
6. PVC SCH. 80 ELL - 1"

D QUICK COUPLER



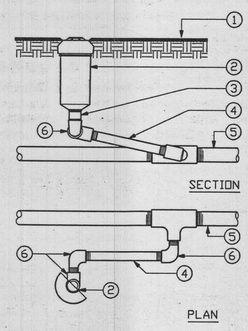
1. CONTROLLER, SET AT EYE-LEVEL AS APPROVED
2. RIGID STEEL CONDUIT W/ 24 VOLT WIRES TO VALVES
3. 120 POWER SOURCE IN CONDUIT
4. JUNCTION BOX
5. FINISH FLOOR
6. CONDUIT TO EXTEND 5 FT. BEYOND BLDG.

E CONTROLLER



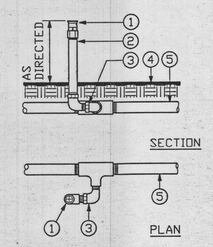
1. HEAD FLUSH WITH FINISH GRADE
2. FINISH GRADE
3. DOUBLE MARLEX SWING JOINT
4. LATERAL

F POP-UP HEAD



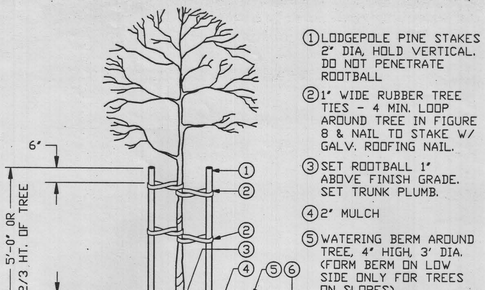
1. FINISH GRADE
2. ROTOR FLUSH WITH FINISH GRADE
3. 3" PVC SCH. 80 NIPPLE
4. 12" PVC SCH. 80 NIPPLE
5. LATERAL
6. PVC STREET ELL

G ROTOR



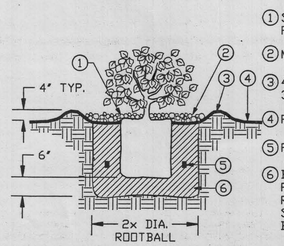
1. SHRUB NOZZLE
2. PVC SCH. 80 RISER
3. DOUBLE MARLEX SWING JOINT
4. FINISH GRADE
5. LATERAL

H HEAD ON FIXED RISER



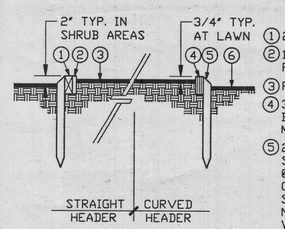
1. LODGEPOLE PINE STAKES 2" DIA, HOLD VERTICAL. DO NOT PENETRATE ROOTBALL
2. 1" WIDE RUBBER TREE TIES - 4 MIN. LOOP AROUND TREE IN FIGURE 8 & NAIL TO STAKE W/ GALV. ROOFING NAIL.
3. SET ROOTBALL 1" ABOVE FINISH GRADE. SET TRUNK PLUMB.
4. 2" MULCH
5. WATERING BERM AROUND TREE, 4" HIGH, 3' DIA. (FORM BERM ON LOW SIDE ONLY FOR TREES ON SLOPES).
6. FINISH GRADE
7. FERTILIZER TABLETS
8. BACKFILL - FOOT TAMP AT BOTTOM TO SUPPORT ROOTBALL.

I TREE PLANTING



1. SET ROOTBALL 1" ABOVE FINISH GRADE.
2. MULCH, 2" DEPTH.
3. 4" HIGH WATERING BERM; 30" DIAMETER.
4. FINISH GRADE
5. FERTILIZER
6. BACKFILL PER SPECIFICATIONS. FOOT-TAMP BACKFILL UNDER ROOTBALL TO PREVENT SETTLING. SCARIFY SIDES AND BOTTOM OF PLANTING PIT.

J SHRUB PLANTING

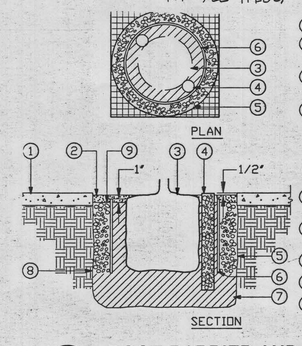


NOTE: MAKE ALL CURVES AND SLOPED SECTIONS SMOOTH AND CONTINUOUS.

1. 2"x4" REDWOOD HEADER
2. 1"x4"x12" CLEAT @ JOINTS. FLUSH WITH TOP OF HEADER.
3. FINISH GRADE AT LAWN
4. 3- 1/2"x4" RWD BENDER BOARDS. LAP JOINTS 2" MIN. AT STAKES.
5. 2"x2"x18" REDWOOD STAKE. CHAMFER TOP @ 45°. LOCATE 3' O.C. AT CURVES; 4' O.C. AT STRAIGHT SECTIONS. NAIL HEADER TO STAKES WITH GALV. NAILS; 2 EA. STAKE
6. FINISH GRADE AT SHRUB AREA.

K WOOD HEADER

NOTE: ROOT BARRIER REQUIRED FOR LIQUIDAMBAR STREET TREES ONLY. WATERING SLEEVES REQ'D FOR ALL TREES.



1. CONCRETE PAVEMENT
2. TOP DRESSING - SEE PLAN SPREAD OVER TOP ROOTBALL
3. TREE ROOTBALL - SET 1" ABOVE FINISH GRADE
4. WATERING SLEEVE - 4" DIA. PERFORATED PIPE; LENGTH 30" OR AS NOTED ON PLAN. FILL W/ 1" DRAIN ROCK. TWO PER TREE; LOCATE INSIDE BARRIER.
5. DRAIN ROCK BACKFILL AROUND ROOT BARRIER.
6. ROOT BARRIER - SEE PLAN FOR SIZE.
7. SOIL BACKFILL
8. SCARIFIED SUBGRADE
9. FINISH GRADE

L ROOT BARRIER AND WATERING WELL

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Date Submitted for Construction 24 February 1992
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Drawn A.G.
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Approved by the architect

No.	Revision	Date
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PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

PLANTING & IRRIGATION DETAILS

Code #: 180 A&E #: 51019
Sheet No.

L3.1

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Revised File Name: Presentation Faculty Housing - AE.051019 - Sheet 000001.V1 - Project 10184150 - Date 02-24-1992 - Title PLANTINGIRRIGATION00 - Floor NNNN.pdf

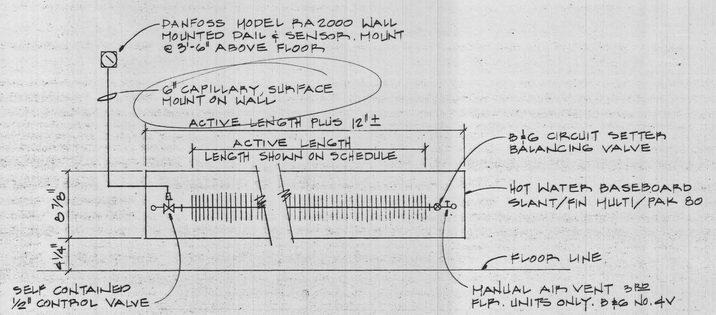
UTILITY REQUIREMENTS

1. SANITARY SEWER: 324 FU'S. (5")
2. DOMESTIC COLD WATER COMBINED W/ DOMESTIC HOT WATER LOAD: 483 FU'S (110 GPM) (3")
3. DOMESTIC COLD WATER: 293 FU'S (85 GPM) (2½")
4. DOMESTIC HOT WATER: 160 FU'S (57 GPM) (2")
5. GAS:
   - RANGES: 1,235,000 BTU/HR
   - CLOTHES DRYERS: 669,000
   - DOMESTIC WATER HEATING: 591,000
   - (E) BOILER: 875,000
   - TOTAL: 3,366,000 BTU/HR
6. WATER PRESSURE: 72 PSIG STATIC & 67 PSIG RESIDUAL

HOT WATER BASEBOARD

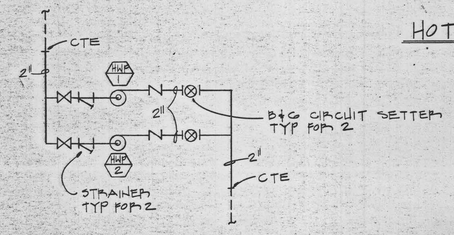
SYMBOL	MFG.	MODEL	ELEMENT TYPE	ACTIVE LENGTH FT.	GPM	AVG. H2O TEMP. °F	CAPACITY BTU/HR	REMARKS
B-1	SLANT/FIN	81A	H-1 ¾" CU	10	.9	190	8,850	PROVIDE ENCLOSURE, BRACKETS DAMPER, ACCESSORIES & HINGED VALVE COVER @ EACH END OF EACH SECTION
B-2				12	1.1		10,680	
B-3				6	.5		5,190	
B-4				5	.5		4,325	
B-5				11	1.0		9,790	
B-6				3	.3		2,526	
B-7				4	.4		3,400	
B-8				7	.6		6,090	
B-9				9	.8		7,965	
B-10				8	.7		7,040	

NOTE: INSTALL SHUT-OFF VALVE & DRAIN VALVE @ THE BASE OF EACH HS & HR RISER. INSTALL AN ACCESS @ ALL VALVES LOCATED ABOVE A HARD CEILING.



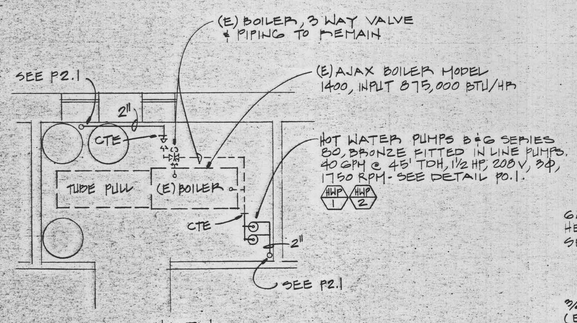
HOT WATER BASEBOARD

NTS



HEATING HOT WATER PUMPS

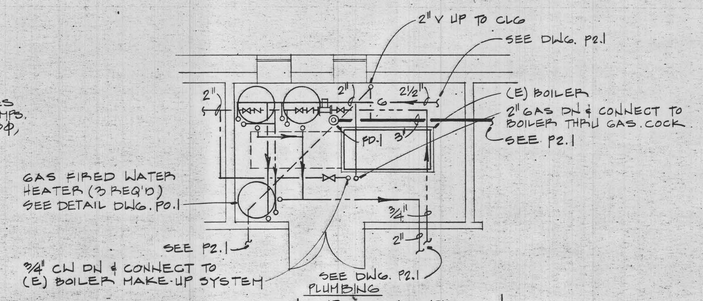
NTS



HEATING

MECH. ROOM PLAN

¼" = 1'-0"



MECH. ROOM PLAN

¼"-1'-0"

FIXTURE CONNECTION SCHEDULE

SYMBOL	DESCRIPTION	S OR W	V	CW	HW
WC-1	WATER CLOSET (PRIVATE)	3"	2"	½"	—
WC-2	WATER CLOSET (PUBLIC)	3"	2"	1"	—
WC-3	WATER CLOSET (PUBLIC) (HANDICAPPED)	3"	2"	1"	—
WC-4	WATER CLOSET (PRIVATE) (HANDICAPPED)	3"	2"	½"	—
UR-1	URINAL	2"	½"	¾"	—
UR-2	URINAL (HANDICAPPED)	2"	1½"	¾"	—
LAV-1	LAVATORY (PRIVATE)	2"	½"	½"	½"
LAV-2	LAVATORY (PUBLIC) (HANDICAPPED)	2"	1½"	½"	½"
LAV-3	LAVATORY (PRIVATE) (HANDICAPPED)	2"	1½"	½"	½"
BT-1	BATHTUB/SHOWER	2"	½"	½"	½"
BT-2	BATHTUB/SHOWER (HANDICAPPED)	2"	1½"	½"	½"
DW	DISHWASHER (SEE NOTE #1)	1"	—	—	½"
SK-1	SINK W/ DISPOSAL	2"	½"	½"	½"
SK-2	SINK W/ DISPOSAL (MULTI-PURPOSE RM)	2"	½"	½"	½"
SK-3	SINK W/ DISPOSAL (HANDICAPPED)	2"	1½"	½"	½"
WMF	WASHING MACHINE FITTING	2"	1½"	½"	½"
SSK	SERVICE SINK	2"	1½"	½"	½"
EWC	ELECTRIC WATER COOLER (HANDICAPPED)	2"	1½"	½"	—

NOTES

1. PIPE WASTE FROM DISHWASHER THRU AIR GAP FITTING @ SINK & HENCE TO DISPOSAL. PIPE ½" HW FROM STOP @ SK.

LEGEND

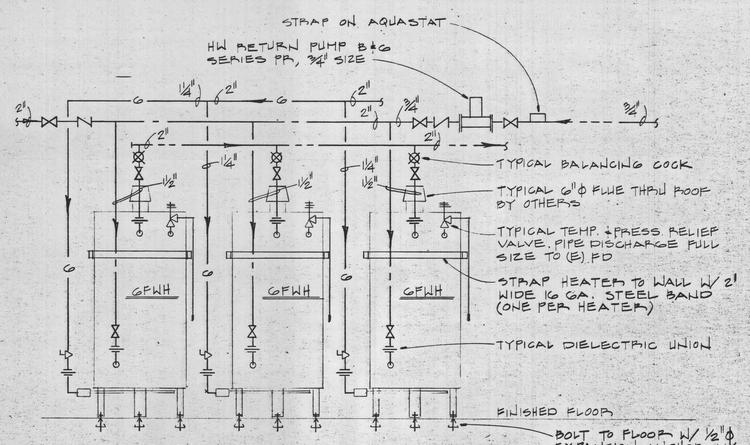
———	S OR W	SANITARY SOIL OR WASTE PIPING
— — — —	V	SANITARY VENT PIPING
——·——	CW	COLD WATER PIPING
—— - ——	HW	HOT WATER PIPING
—— --- ——	HWR	HOT WATER RETURN PIPING
——G——	G	GAS PIPING
	G.V.	GATE VALVE
	CH.V.	CHECK VALVE
	G.C.	GAS COCK
		UNION
——HS——	HS	HEATING HOT WATER SUPPLY
——HR——	HR	HEATING HOT WATER RETURN

ABBREVIATIONS

AP	ACCESS PANEL
A/S	AMERICAN STANDARD
BF	BELOW FLOOR
BG	BELOW GRADE
CLG	CEILING
CTE	CONNECT TO EXISTING
DN	DOWN
DWG	DRAWING
(E)	EXISTING
HB	HOSE BIBB
IFC	IN FURRED CEILING
(N)	NEW
P.C.	PLUMBING CONTRACTOR
VTR	VENT THRU ROOF
ⓖ	SHEET NOTE DESIGNATION
CW 4	INDICATES SERVICE RISER DESIGNATION / INDICATES RISER NUMBER

WATER HEATER DETAIL

NTS



WATER HEATERS SHALL BE A.O. SMITH BTG-197, 100 GAL. STOR, 239 GAL/HR RECOVERY @ 90° AT, 197,000 BTU/HR INPUT & 6"Φ FLUE (EA. HEATER)

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Date Submitted for Construction 24 February 1992
Job No. 1-1841.50
Drawn GEP
Checked FBM
Approved for the Owner
Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER FRED B. McCRACKEN No. 16530 Exp. 12/31/91 MECHANICAL STATE OF CALIFORNIA

No.	Revision	Date
	PROGRESS PRINTING	1-22-91
	PROGRESS PRINTING	1-17-92

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

LEGEND, SCHEDULE & DETAILS

Code #: 180 A&E #: 50371

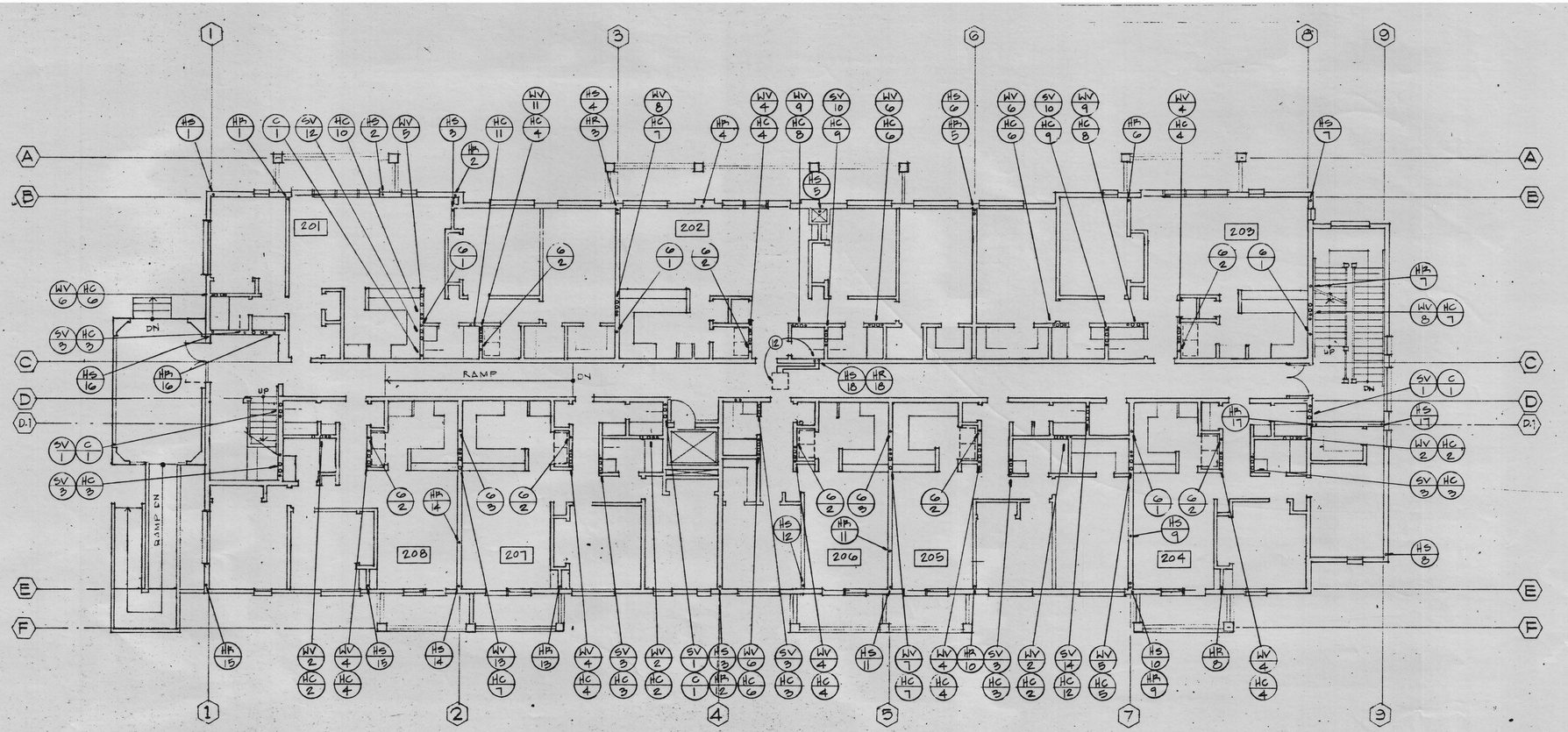
Sheet No.

P0.1

Revised File Name: Presentation Faculty Housing - AL 650371 - Sheet 000000P0.1 - Project 01184150 - Date 02-24-1992 - Title LEGENDSCHEDULEDETAIL - Floor NNNN.pdf

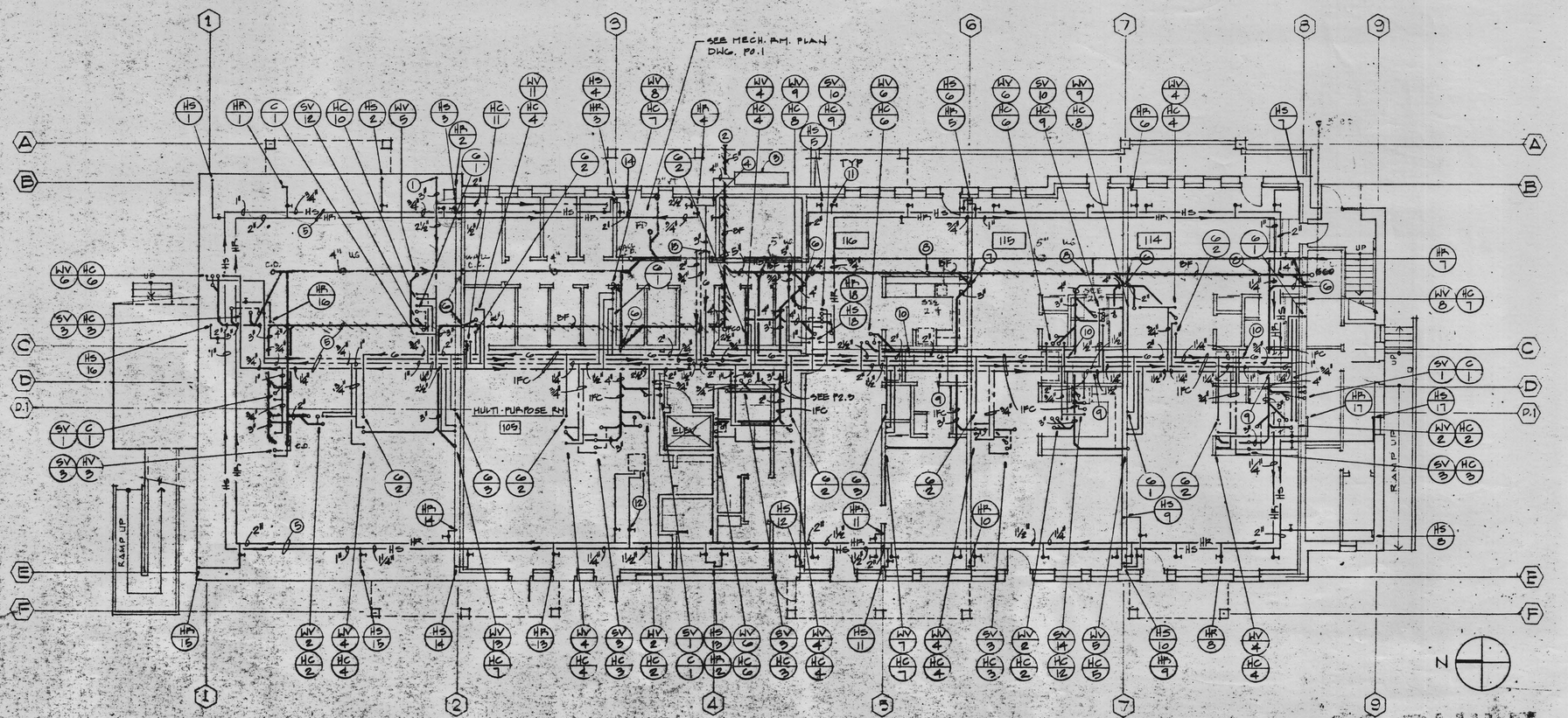
SHEET NOTES

1. CONNECT (N) 3"CW TO (E) CW SERVICE IN CRAWL SPACE THRU G.V.
2. CONNECT (N) 5"S TO (E) SANITARY SEWER
3. (N) GAS METER (3366 CFH)
4. 4"G GAS UP TO CLG.
5. INSTALL PIPING IN CRAWL SPACE
6. 4"S DN TO BF
7. 3"D. DN TO BF
8. POINT OF 3"S CONNECTION FROM UNITS 114, 115 & 116, SEE DWG. P2.4
9. POINT OF 3/4" H&CW CONNECTIONS FOR UNITS 114, 115 & 116, SEE DWG. P2.4
10. POINT OF 1" GAS CONNECTION FOR UNITS 114, 115 & 116, SEE DWG. P2.4
11. 1/2" STUB-OUT W/ G.V. (TYP. FOR FUTURE BASEBOARD)
12. 3/4" STUB-OUT & CONN. TO FAN COIL UNIT. (FAN COIL UNIT BY OTHERS, SEE SH2.1)
13. 2"HS UP TO CLG. (SEE P0.1)
14. 2"HP DN TO BOILER (SEE P0.1



SECOND FLOOR PLAN

1/8"-1'-0"



FIRST FLOOR PLAN

1/8"-1'-0"

AS-BUILT

MAY 1 2 1994

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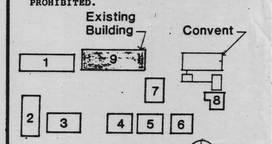

KEY PLAN

Date Submitted for Construction 24 February 1992

Job No. 1-1841.50

Drawn GEP

Checked FBM

Approved for the Owner

Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER
HAROLD B. McCRACKEN
No. 16530
Exp. 12/31/93
MECHANICAL
STATE OF CALIFORNIA

No.	Revision	Date
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	PROGRESS PRINTING	1-17-92

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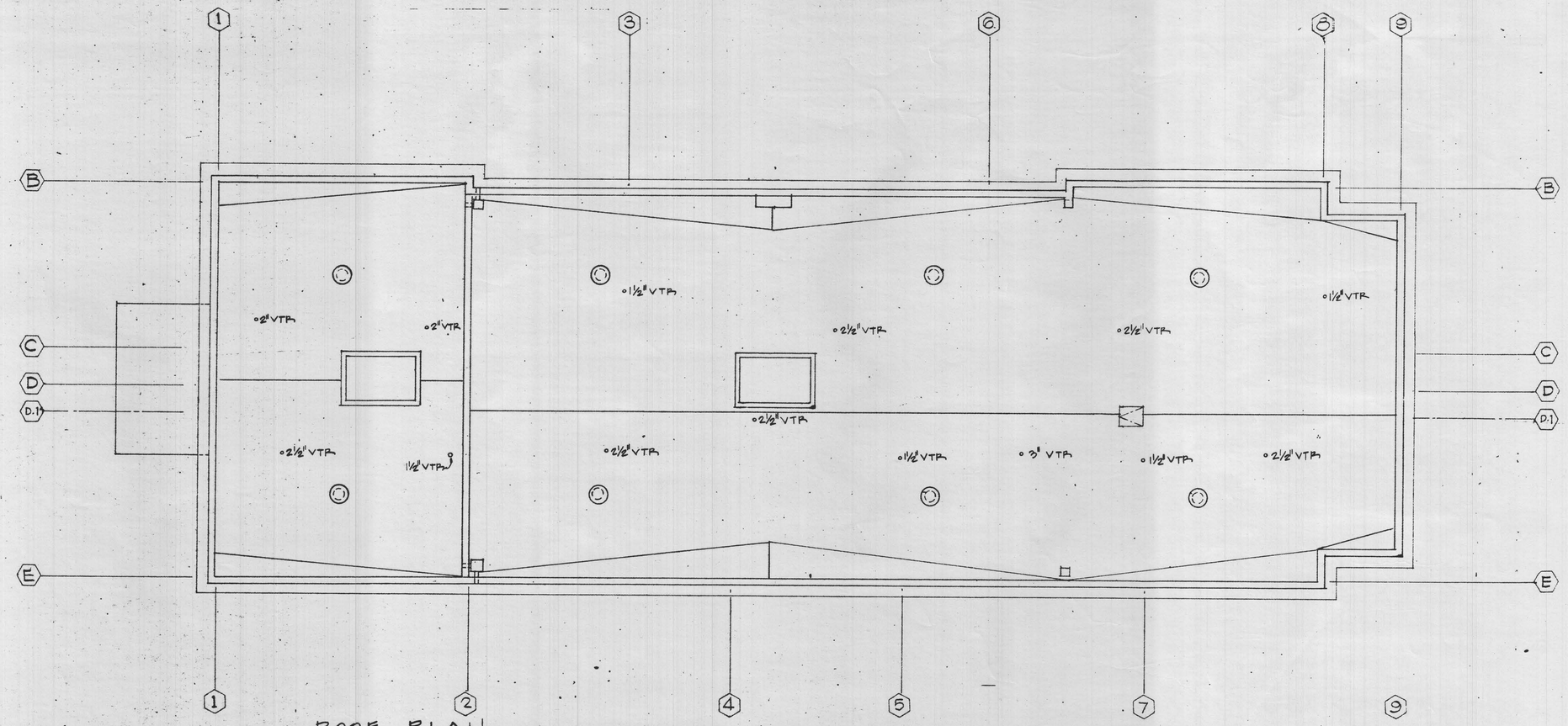
FIRST AND SECOND FLOOR

Code #: 180 A&E #: 50370

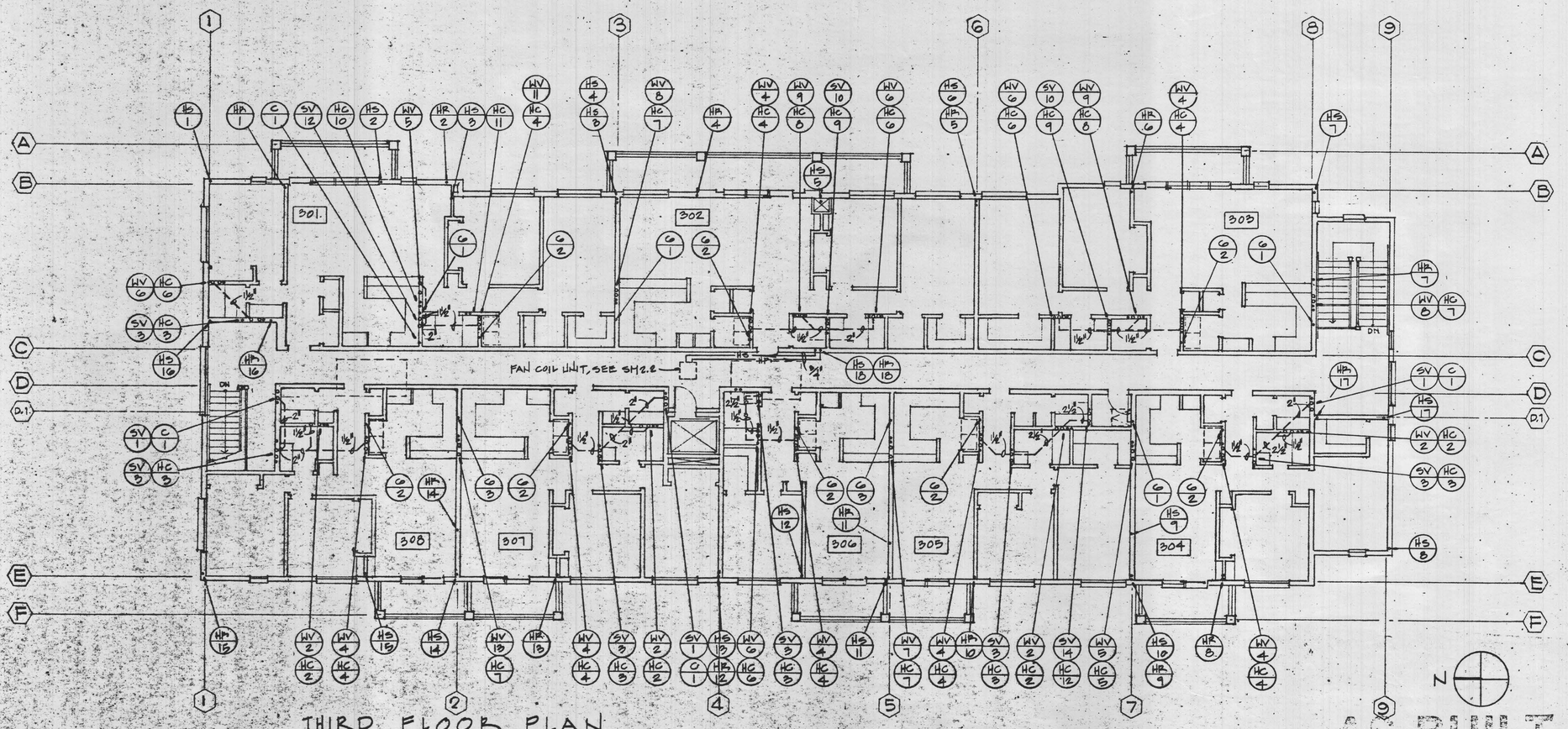
Sheet No.

P2.1



ROOF PLAN

1/8" = 1'-0"



THIRD FLOOR PLAN

1/8" = 1'-0"

AS-BUILT

MAY 12 1994

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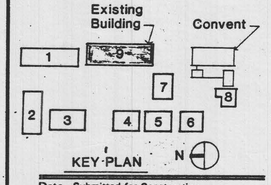

Date Submitted for Construction
24 February 1992

Job No. 1-184.50

Drawn GEP

Checked FBH

Approved for the Owner

Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER
FRED B. McCRACKEN
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Exp. 12/31/93
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STATE OF CALIFORNIA

No.	Revision	Date
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	PROGRESS PRINTING	1·17·92

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THIRD FLOOR AND ROOF PLAN

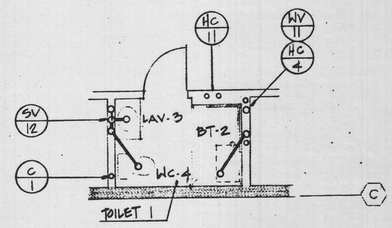
Code # : 180 A&E # : 50369

Sheet No.

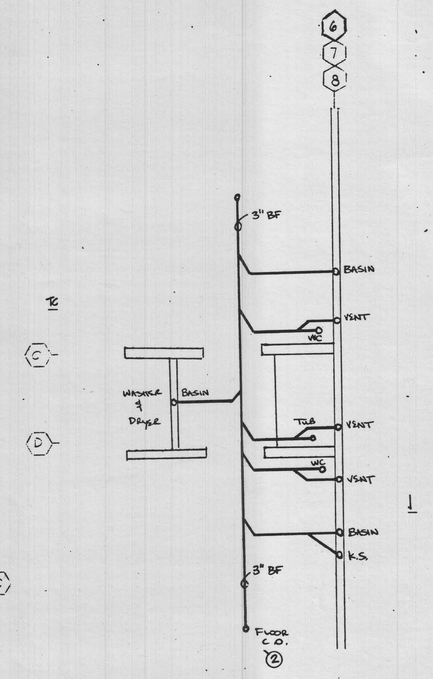
P2.2

SHEET NOTES

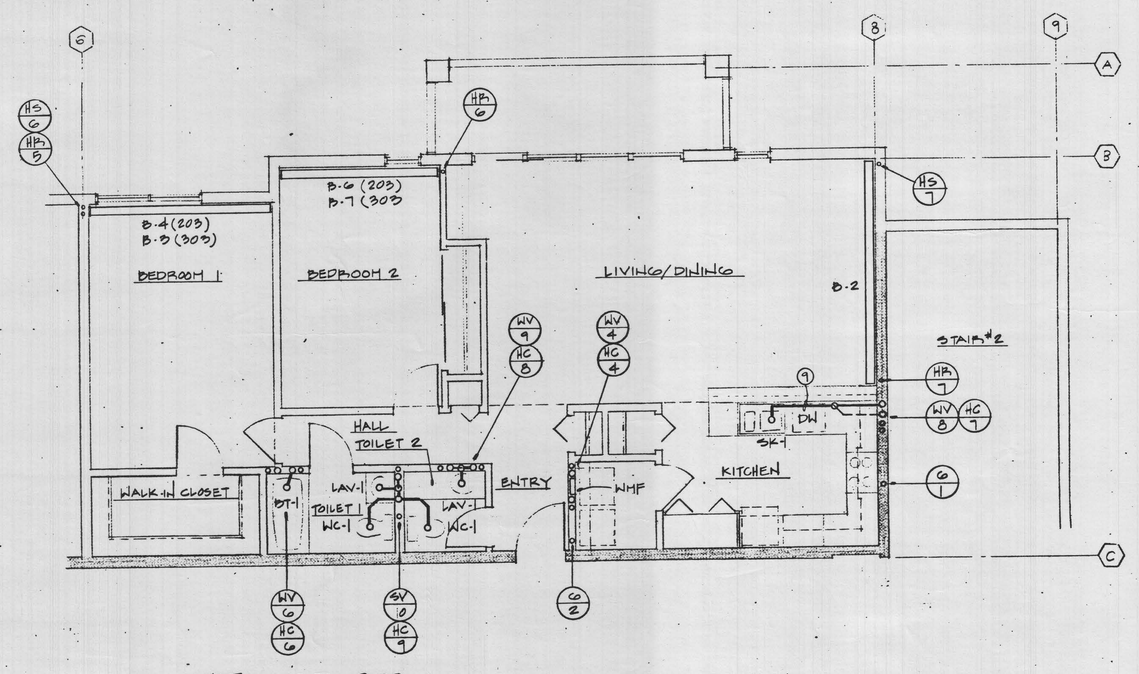
1. POINT OF CONNECTION TO SANITARY SEWER, SEE 1ST FLR. PLAN DWG. P2.1
2. POINT OF CONNECTION TO SANITARY SEWER FOR UNIT 116, SEE 1ST FLR. PLAN DWG. P2.1
3. DIRECTION OF SANITARY SEWER FLOW FOR UNIT 116
4. FCO @ UNIT 116
5. 2" W DN, 1½" V UP INTO CLG & ½" HW DN
6. 2" V UP INTO CLG & ½" CW DN
7. 2" W DN, 1½" V UP INTO CLG, ½" H&CW DN
8. 2" W DN & 1½" V UP INTO CLG
9. 2" V UP INTO CLG, ½" H&CW DN
10. 2" V UP
11. POINT OF CONNECTION TO H&CW MAINS, SEE 1ST FLR. PLAN DWG. P2.1
12. POINT OF CONNECTION TO GAS MAIN, SEE 1ST FLR. PLAN DWG. P2.1
13. ½" GAS DN
14. ¾" GAS DN
15. INSTALL PIPING IN STUD WALL BELOW COUNTER



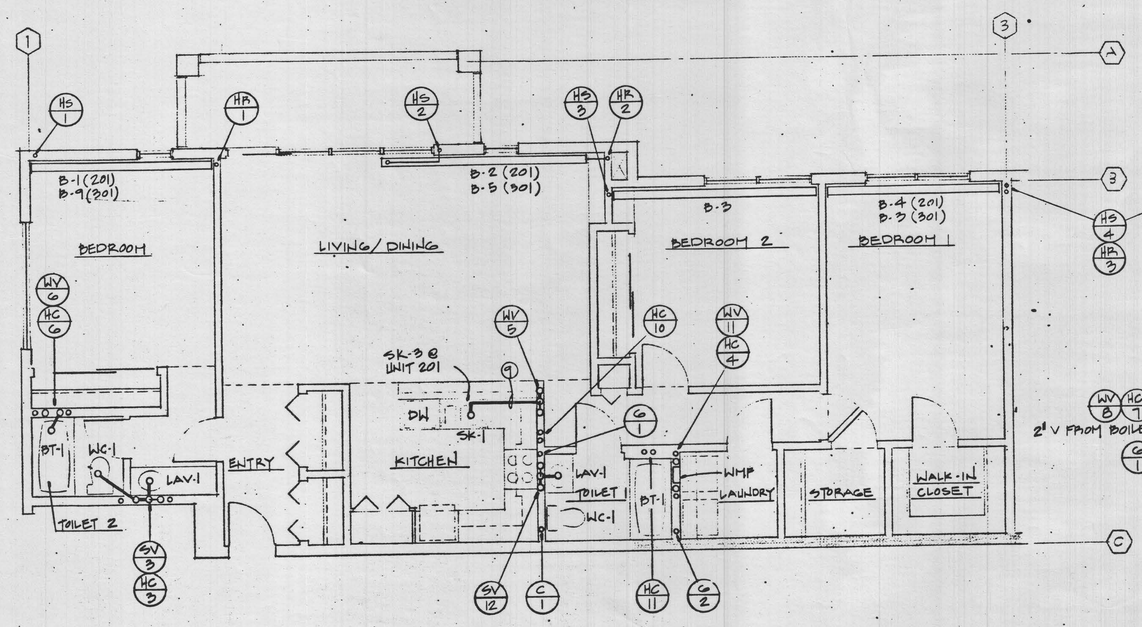
UNIT-201 (ACCESSIBLE)
¼" = 1'-0"



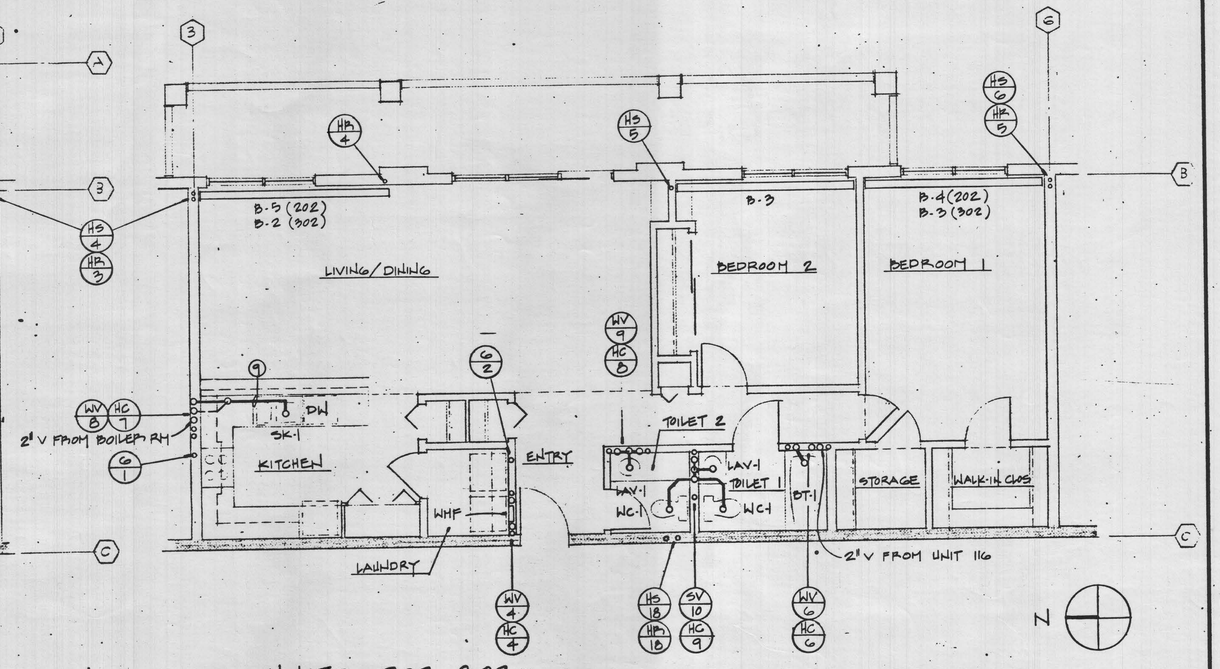
UNITS-114 & 115
(UNIT 116 OPP. HAND) ¼" = 1'-0"



UNITS - 203 303
¼" = 1'-0"



UNIT-301
(UNIT 201 SIM. ACCESSIBLE) ¼" = 1'-0"



UNITS - 202 302
¼" = 1'-0"

AS-BUILT
MAY 12 1994

MWM ARCHITECTS, INC.
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Date	Submitted for Construction 24 February 1992
Job No.	1-1841.50
Drawn	GEP
Checked	FBM
Approved for the Owner	
Approved for the Architect	

REGISTERED PROFESSIONAL ENGINEER
FRED B. McCRACKEN
No. 16530
Exp. 12/31/91
MECHANICAL
STATE OF CALIFORNIA

No.	Revision	Date
	PROGRESS PRINTING	11-22-91
	PROGRESS PRINTING	1-17-92

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

UNIT PLANS

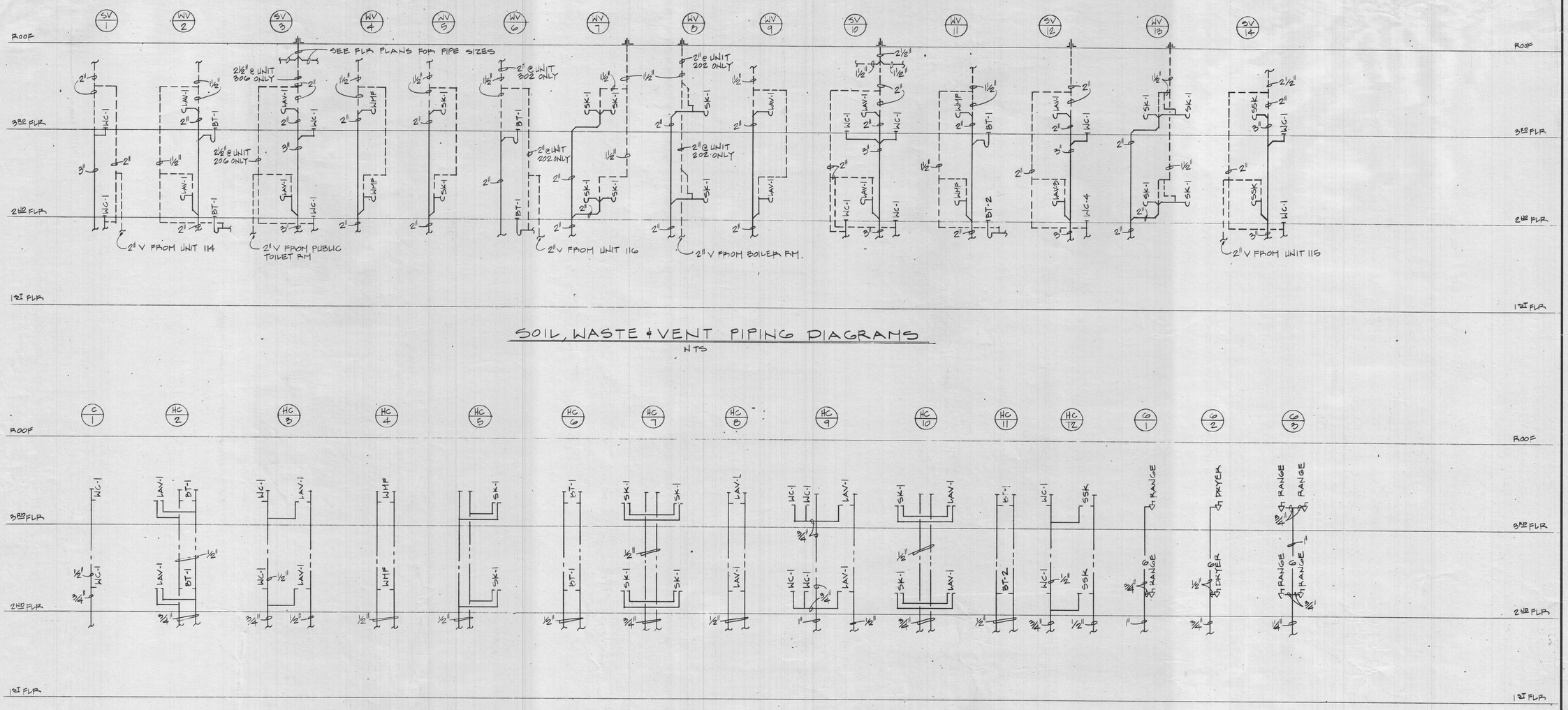
Code #: 180 A&E #: 50367

Sheet No.

P2.4

9/91/057

Revised File Name: Presentation Faculty Housing - AE 050367 - Sheet 00000R24 - Project 01184150 - Date 02-24-1992 - Title UNITPLANS00000000000. - Floor NNNN.pdf.

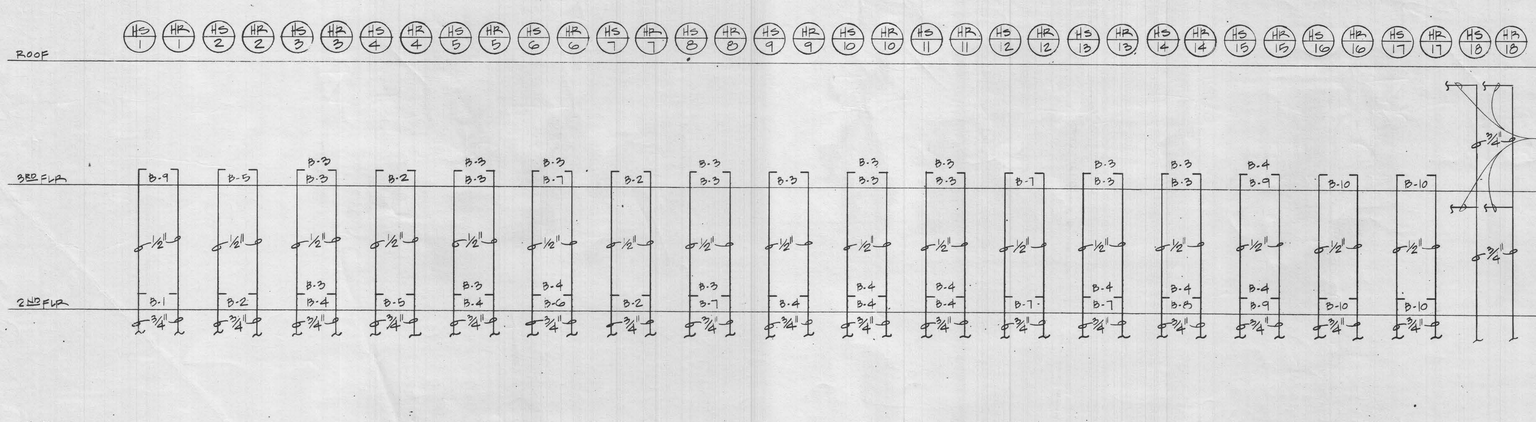


SOIL, WASTE & VENT PIPING DIAGRAMS

NTS

HOT & COLD WATER PIPING DIAGRAMS

NTS



GAS DIAGRAMS

NTS

HEATING HOT WATER PIPING DIAGRAMS

NTS

AS-BUILT

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Date	Submitted for Construction 24 February 1992
Job No.	1-1841.50
Drawn	
Checked	GEP EBM
Approved for the Owner	
Approved for the Architect	

REGISTERED PROFESSIONAL ENGINEER — FRED B. McCRACKEN — No. 16530 Exp. 12/31/91 — MECHANICAL — STATE OF CALIFORNIA

No.	Revision	Date
	PROGRESS PRINTING	11.22.91
	PROGRESS PRINTING	1.17.92

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

DIAGRAMS

Code # : 180 A&E # : 50366

Sheet No.

P3.1

Revised File Name: Presentation Faculty Housing - AE 050366 - Sheet 00000P31 - Project 01184150 - Date 02-24-1992 - Title DIAGRAMS000000000000 - Floor NNNN.pdf

GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND 1988 UNIFORM BUILDING CODE. THESE NOTES SHALL APPLY TO ALL STRUCTURAL DRAWINGS UNLESS OTHERWISE NOTED OR SHOWN.

FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND SHALL APPLY GENERALLY THROUGHOUT SIMILAR CONDITIONS.

UNLESS SHOWN OTHERWISE, DETAILS SHOWN ON "TYPICAL DETAIL" SHEETS SHALL BE USED WHENEVER APPLICABLE. SPECIFIC DETAILS ON THE STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER "TYPICAL DETAILS." SPECIFIC NOTES ON STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER NOTES SHOWN IN "GENERAL NOTES." DETAILS ON STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER SPECIFICATIONS.

THE STRUCTURAL DRAWINGS SHOW STRUCTURAL FEATURES. EXACT CONFIGURATION FOR INTERIOR PARTITION WALLS ARE SHOWN ON ARCHITECTURAL DRAWINGS, AND ARE NOT NECESSARILY SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE ANCHORAGE, INSERTS, ANCHOR BOLTS, ETC., FOR STRUCTURAL CONNECTIONS OF TOP, SIDES, AND BOTTOM OF ALL PARTITION WALLS AS LOCATED ON THE ARCHITECTURAL DRAWINGS.

REFER TO THE ARCHITECTURAL DRAWINGS AND THE SPECIFICATIONS FOR THE FOLLOWING: FLOOR FINISHES; DEPRESSIONS AND CURBS ON FLOORS; OPENINGS REQUIRED FOR WINDOWS, DOORS, DUCTS, VENTS, PLUMBING, ETC.; FLASHING, INSERTS, ANCHORAGE, HANGERS, ETC., EMBEDDED IN OR ATTACHED TO THE STRUCTURE; ROADWAY, WALKS, PAVING, STAIRS, RAMPS, TERRACES, EXTERIOR GRADES, ELEVATIONS OF ROOF SURFACE AND LOCATIONS OF DRAINS AND PARTITION WALLS.

THE CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS AS TO ALL LAYOUTS, DIMENSIONS AND ELEVATIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR PROPER ADJUSTMENT BEFORE PROCEEDING WITH THE WORK.

IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS.

BEAMS, JOISTS AND ANY OTHER STRUCTURAL ELEMENTS SHALL NOT BE CUT OR PENETRATED, EXCEPT AS SHOWN IN STRUCTURAL DETAILS OR AS APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER. AT NEW OR EXISTING CONSTRUCTION, NO OVERCUTTING IS ALLOWED FOR CUTS OR PENETRATIONS.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO POURING CONCRETE. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

FEATURES OF EXISTING CONSTRUCTION SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD AND DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.

UNDERPINNING, BRACING, AND/OR SHORING OF EXISTING BUILDING ELEMENTS AND EXISTING ADJACENT BUILDINGS:

1) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR (OR THE CONTRACTOR'S SUBCONTRACTOR) TO DETERMINE UNDERPINNING REQUIREMENTS AND TO SUBMIT DETAILS AND CALCULATIONS TO THE BUILDING DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. DETAILS AND CALCULATIONS SHALL BE PREPARED AND SIGNED BY A GEOTECHNICAL ENGINEER AND A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA.
2) THE ENGINEERS OF RECORD FOR THIS PROJECT SHALL NOT BE ASSOCIATED WITH THIS WORK.
3) RAZZANO ASSOCIATES INC., IS NOT RESPONSIBLE FOR THIS WORK.

SEE ARCHITECTURAL DRAWINGS FOR DETAILS ON REQUIRED VENTILATION OF ROOF JOISTS, FLOOR JOISTS AND ATTIC SPACES.

THE GENERAL CONTRACTOR SHALL REVIEW AND COORDINATE ALL SHOP DRAWINGS AND STAMP THEM "REVIEWED" PRIOR TO SUBMITTING THEM TO THE ARCHITECT FOR REVIEW.

SHOP DRAWINGS ARE PRODUCED TO FACILITATE FABRICATION AND COORDINATION BY THE CONTRACTORS. SHOP DRAWINGS SHALL BE EXCHANGED AND COORDINATED BY THE CONTRACTORS. THEY SHALL IN NO WAY TAKE PRECEDENCE OVER THE GOVERNING AGENCY'S APPROVED CONTRACT DOCUMENTS. REVIEW BY THE ARCHITECT AND/OR STRUCTURAL ENGINEER IS INTENDED TO BENEFIT THE FABRICATORS AND CONTRACTORS. NO APPROVAL IS IMPLIED OR INTENDED FOR VARIATIONS BETWEEN SHOP DRAWINGS AND THE CONTRACT DOCUMENTS. WHEN DIFFERENT COMPONENTS ARE ERECTED, THEY ARE INSPECTED FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS, NOT THE SHOP DRAWINGS.

SYMBOLS AND ABBREVIATIONS

NTS	INDICATES	NOT TO SCALE	RW	INDICATES	REDWOOD LUMBER
A-S2	"	SECTION A ON DRAWINGS S2, ETC.		"	A CONTINUOUS MEMBER IN SECTION
SAD	"	SEE ARCHITECTURAL DRAWINGS OR DETAILS		"	A NON-CONTINUOUS MEMBER SUCH AS SOLID BLOCK IN SECTION
FS	"	FACE OF STUD	FC	"	GALVANIZED FRAMING CLIP
JST	"	JOIST OR RAFTER	SMD	"	SEE MECHANICAL DETAILS
JH	"	GALVANIZED JOIST HANGER	DJ	"	DOUBLE JOIST OR DOUBLE RAFTER
PW	"	STRUCTURAL PLYWOOD	OTJH	"	OVER-THE-TOP GALVANIZED JOIST HANGER
MB	"	MACHINE BOLT			
AB	"	ANCHOR BOLT	UON	"	UNLESS OTHERWISE NOTED
WA	"	EXPANSION ANCHOR	CP	"	COMPLETE PENETRATION WELD
FTG	"	FOOTING	(N)	"	NEW CONSTRUCTION
STS	"	SELF TAPPING SCREW	(E)	"	EXISTING STRUCTURE
VIF	"	VERIFY IN FIELD			

FOUNDATIONS

THE SOIL REPORT APPLICABLE TO THIS PROJECT SITE IS BY GEOMATRIX CONSULTANTS, REPORT NUMBER 1705, DATED SEPTEMBER 13, 1990; NOVEMBER 29, 1990; NOVEMBER 11, 1991 AND IS AVAILABLE FOR REVIEW AT THE ARCHITECT'S OFFICE.

FOOTINGS SHALL BEAR ON PIERS OR SPREAD FOOTINGS AS SHOWN ON STRUCTURAL DRAWINGS.

FOUNDATION SOIL IS SANDY AND SILTY CLAY.

FOR BIDDING PURPOSES, THE ELEVATION OF THE BOTTOM OF FOOTINGS SHALL BE AS INDICATED ON THE FOUNDATION PLANS AND ON DETAILS. THESE FOOTING DEPTHS ARE MINIMUM AND SHALL IN NO CASE BE LESS THAN 2'-0". THEY SHALL BE SUBJECT TO APPROVAL BY THE SOIL ENGINEER DURING FOUNDATION EXCAVATION AND CONSTRUCTION.

SOIL PRESSURES UNDER FOOTINGS AS DESIGNED DO NOT EXCEED 3000 PSF DUE TO DEAD LOAD, PLUS LIVE LOAD, NOR EXCEED 4000 PSF DUE TO COMBINED DEAD LOAD PLUS DESIGN LIVE LOAD PLUS GOVERNING DESIGN WIND OR SEISMIC LOAD.

WHERE FOUNDATION WALL BACKFILL IS NECESSARY, THE BACKFILL SHALL BE PLACED SIMULTANEOUSLY ON EACH SIDE OF WALL, AND THE LEVEL ON ONE SIDE SHALL NOT EXCEED THE OTHER SIDE BY MORE THAN 6" DURING THIS OPERATION.

FOOTINGS SHALL BE CENTERED UNDER BEARING WALLS ABOVE UNLESS OTHERWISE NOTED.

SEE ARCHITECTURAL, PLUMBING, MECHANICAL, ELECTRICAL AND ANY OTHER INCLUDED DRAWINGS, AND CONSULT WITH THE RESPECTIVE TRADES FOR VERIFICATION OF ALL ITEMS SHOWN OR NOT SHOWN ON STRUCTURAL PLANS PRIOR TO POURING CONCRETE FOOTINGS AND FLOOR SLABS.

VERIFY LOCATIONS FOR OPENINGS OR PENETRATIONS THROUGH CONCRETE, CONCRETE CURBS, FLOOR DEPRESSIONS, FLOOR SLOPES AND DRAINS, INSERTS, ETC.

CONCRETE

NOTIFY THE ARCHITECT AND THE STRUCTURAL ENGINEER A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF CONCRETING OPERATIONS.

ALL CONCRETE SHALL BE REINFORCED UNLESS NOTED: "NOT REINFORCED."

SEE SPECIFICATIONS FOR THE REQUIREMENTS IN THE PRODUCTION, TESTING, AND INSTALLATION OF CONCRETE.

THE MAXIMUM PERMISSIBLE WATER-CEMENT RATIOS FOR CONCRETE, SHALL BE AS REQUIRED PER TABLE 5.4 OF ACI.

SEE ARCHITECTURAL DRAWINGS FOR LOCATION, EXTENT, AND REINFORCEMENT OF EXTERIOR WALKS AND PAVEMENT.

SEE ARCHITECTURAL DRAWINGS FOR SURFACE FEATURES SUCH AS CHAMFERS, REVEALS, ETC.

REINFORCEMENT SHALL BE ASTM A615-40 FOR #4 AND SMALLER, AND A615-60 FOR #5 AND LARGER, WITH BAR MARKS LEGIBLY ROLLED INTO THE SURFACE INDICATING SIZE, TYPE OF STEEL, AND YIELD STRENGTH DESIGNATION.

CONCRETE SHALL TEST NOT LESS THAN 3000 PSI AT 28 DAYS, FOR STRUCTURAL AND FOUNDATION ELEMENTS. FLOOR SLABS-ON-GRADE SHALL TEST NOT LESS THAN 2500 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS.

LAP ALL BARS 40 DIAMETERS AT SPLICES. STAGGER SPLICES WHEREVER POSSIBLE. VERTICAL WALL BARS SHALL EXTEND INTO FOOTINGS, BUT MAY BE DOWELLED WITH 40 DIAMETER LAPS OF SAME SIZE BARS.

BASE PLATE ANCHOR BOLTS SHALL BE LOCATED INSIDE THE FOOTING OR WALL REINFORCING CAGE, UNLESS OTHERWISE NOTED. IF THE ANCHOR BOLTS FALL OUTSIDE THE REINFORCING CAGE, THEN ADD #4 RECTANGULAR CLOSED TIES AT THE TOP AND BOTTOM OF ANCHOR BOLTS, WIRE-TIED TO ANCHOR BOLTS.

REINFORCEMENT, ANCHOR BOLTS, PIPE SLEEVES AND OTHER INSERTS SHALL BE POSITIVELY SECURED IN PLACE BEFORE CONCRETE IS POURED.

REBARS WELDED TO STRUCTURAL STEEL SHALL BE SUPPLIED BY REBAR SUBCONTRACTOR AND ALL WELDING SHALL BE DONE BY STRUCTURAL STEEL SUBCONTRACTOR.

ALL BARS THAT ARE WELDED SHALL MEET THE REQUIREMENTS OF ASTM A706.

BAR COVERAGE TO FACE OF BAR, EXCEPT AS OTHERWISE SHOWN, SHALL BE:

3"	WHERE CONCRETE IS POURED AGAINST EARTH OR IN CONTACT WITH GROUND.	
2"	FOR BARS LARGER THAN #5, WHERE CONCRETE SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS.	
1-1/2"	FOR COLUMN SPIRALS OR TIES	
1-1/2"	FOR STIRRUPS OF BEAM	UNLESS GOVERNED ABOVE BY EXPOSURE TO WEATHER OR AS NOTED ON DETAILS.
1"	FOR WALL BARS (DOUBLE MAT)	
3/4"	FOR STRUCTURAL SLAB BARS, TOP AND BOTTOM	

ALL CONCRETE CURBS ARE 6" HIGH, UNLESS OTHERWISE NOTED. ALL TOILET ROOM STUD WALLS SHALL HAVE CONCRETE CURBS.

INTERIOR SLABS-ON-GRADE SHALL BE REINFORCED AS SHOWN ON STRUCTURAL PLANS. LOCATIONS OF CONSTRUCTION JOINTS MUST BE APPROVED BY THE ARCHITECT. SANDBLAST ALL CONSTRUCTION JOINTS. ALSO, ANY DEVIATION IN THE POURING OF THE CONCRETE SLAB FROM THE METHOD DESCRIBED ON THE TYPICAL CONSTRUCTION JOINT DETAIL SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER PRIOR TO POURING THE CONCRETE SLAB. A LETTER TO THE STRUCTURAL ENGINEER IS REQUIRED, STATING THE REQUESTED CHANGE AND DESCRIBING THE PROPOSED METHOD. THE CONTRACTOR WILL ASSUME ALL RESPONSIBILITY FOR THE CHANGED CONSTRUCTION JOINT DETAIL.

THE SURFACE OF ALL CONSTRUCTION JOINTS, INCLUDING EXISTING CONSTRUCTION, SHALL BE CLEANED AND ROUGHENED BY REMOVING THE ENTIRE SURFACE AND EXPOSING CLEAN AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX.

ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.

PROVIDE MODIFIED CONCRETE MIX AT HORIZONTAL CONSTRUCTION JOINTS WHERE CONDITIONS MAKE PUDDLING DIFFICULT AND/OR WHERE REINFORCING IS CONGESTED. MODIFIED CONCRETE MIX SHALL CONTAIN 50 PERCENT OR LESS OF COARSE AGGREGATES SPECIFIED IN CONCRETE MIX DESIGN.

CURING UNFORMED SURFACES:

1. CURE FOR ONE DAY TO SEVEN DAYS BY MAINTAINING THE CONCRETE ABOVE 50 DEGREES F. AND IN A MOIST CONDITION, KEEPING THE SURFACE CONTINOUSLY WET BY COVERING WITH WATER OR BY CONTINUOUS WATER-FOG SPRAY.
2. APPLY MEMBRANE-FORMING CURING COMPOUND TO DAMP CONCRETE SURFACES IMMEDIATELY AFTER THE COMPLETION OF THE MOIST-CONDITIONING PERIOD. APPLY UNIFORMLY IN TWO-COAT CONTINUOUS OPERATION BY POWER-SPRAY EQUIPMENT, IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. RECOAT AREAS WHICH ARE SUBJECT TO HEAVY RAINFALL WITHIN THREE HOURS AFTER INITIAL APPLICATION. MAINTAIN CONTINUITY OF COATING AND REPAIR DAMAGE DURING CURING PERIOD. THE CURING PERIOD IS 28 DAYS LONG.
3. MAKE TESTS TO CONFIRM THAT MEMBRANE-FORMING CURING COMPOUND IS SATISFACTORY BY PLACING 20 FOOT BY 20 FOOT SHEET OF POLYETHYLENE POSITIVELY HELD IN PLACE ON THE SURFACE OF THE CONCRETE, AND DETERMINE IF WATER VAPOR HAS MIGRATED FROM THE CONCRETE AND CONDENSED ON THE UNDERSIDE OF THE POLYETHYLENE. MAKE ONE TEST FOR THE AREA OF CONCRETE POURED EACH DAY.
4. IF CONDENSATION APPEARS, THEN RE-APPLY MEMBRANE-FORMING COMPOUND AND RETEST FOR VAPOR MIGRATION.

CURING FORMED SURFACES: CURE FORMED SURFACES BY MOIST CURING WITH FORMS IN PLACE FOR FULL CURING PERIOD OR UNTIL FORMS ARE REMOVED. WHEN FORMS ARE REMOVED, CONTINUE CURING BY METHODS SPECIFIED ABOVE, AS APPLICABLE, FOR FULL CURING PERIOD.

SHORING AND RESHORING: CONTRACTOR IS RESPONSIBLE FOR THE SHORING AND RESHORING OF ALL NECESSARY ELEMENTS. THIS INCLUDES THE DETERMINATION, DESIGN, INSTALLATION AND REMOVAL. SHORING AND RESHORING OF SLABS AND BEAMS SHALL NOT BE REMOVED UNTIL CONCRETE IS 28 DAYS OLD. SHORING AND RESHORING OF CONCRETE SLAB AND/OR BEAMS SHALL NOT BE REMOVED UNTIL CONCRETE IS 28 DAYS OLD.

THE AGGREGATES IN THE CONCRETE FOR THIS PROJECT SHALL BE COMPOSED OF LOCALLY AVAILABLE FINE AND COARSE AGGREGATES OF THE TYPE CALLED FOR IN THE SPECIFICATIONS. DUE TO THE NATURE OF CONCRETE IN GENERAL, AND CONSIDERING THE SOURCE AND PERFORMANCE HISTORY OF THESE LOCAL AGGREGATES, CONCRETE CRACKING IS UNAVOIDABLE. IF THE OWNER AND/OR ARCHITECT DETERMINE THAT REDUCED CRACKING IS REQUIRED, THEY SHALL NOTIFY THE STRUCTURAL ENGINEER SO THAT LOW SHRINKAGE AGGREGATES WITH A HISTORY OF REDUCED CRACKING CAN BE SPECIFIED.

SEE MECHANICAL AND/OR ARCHITECTURAL DRAWINGS FOR LOCATION, SIZE, AND DETAILS OF CONCRETE EQUIPMENT PADS.

EXISTING CONCRETE

WHERE NEW CONSTRUCTION IS INTEGRATED WITH EXISTING CONCRETE CONSTRUCTION, CARE SHALL BE TAKEN SO AS NOT TO DAMAGE EXISTING REMAINING CONCRETE AND REINFORCING. WHERE NEW CONCRETE ABUTS EXISTING CONCRETE ROUGHEN EXISTING CONCRETE SURFACE SO AS TO EXPOSE SOLID MORTAR MATRIX WITH 1/4" MINIMUM AMPLITUDE TYPE. APPLY APPROVED BONDING AGENT TO SURFACE OF EXISTING CONCRETE.

HOLES FOR GROUTED ANCHORS SHALL BE DRILLED WITH ROTARY HAMMER OR OTHER SUITABLE METHODS TO ENSURE EXISTING REINFORCEMENT IS NOT DAMAGED. HOLE DIAMETER SHALL BE 1/2" GREATER THAN ANCHOR ROD DIAMETER, UNLESS OTHERWISE NOTED. GROUT SHALL BE NON-SHRINK AND SHALL HAVE MINIMUM COMPRESSION STRENGTH OF 5000 PSI. LOCATE EXISTING REINFORCING BARS PRIOR TO DRILLING HOLES. DO NOT DAMAGE EXISTING REINFORCING. METHOD OF LOCATING REINFORCING BARS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. ALL MISDRILLED OR UNACCEPTABLE HOLES SHALL BE GROUTED SOLID.

NEW OPENINGS IN EXISTING SLABS AND WALLS:

1. POSITIVELY LOCATE EXISTING REINFORCING BARS IN THE SLAB OR WALL WITH X-RAY SURVEY. DO NOT CUT EXISTING BEAMS OR JOISTS.
2. DRILL FOUR 2" DIAMETER HOLES WITH ROTARY HAMMER AT CORNERS OF EACH RECTANGULAR OPENING AND ON THE PERIMETER OF EACH CIRCULAR OPENING.
3. SAW CUT TO EDGE OF OPENING. **DO NOT OVERCUT**, OVERCUTTING NOT ALLOWED.

SHOTCRETE

SHOTCRETE SHALL NOT TEST LESS THAN 5000 PSI AT 28 DAYS.

REINFORCING BARS SHALL BE AT LEAST 2-1/2 INCHES CLEAR. THE MAIN REINFORCING BARS SHALL BE AT LEAST 1-1/2 INCHES FROM SURFACES CONCRETED AGAINST AND SHALL HAVE AT LEAST A 1 INCH COVER ON EXPOSED FACES, OR THE COVER AS REQUIRED IN THE CONCRETE NOTES, WHICHEVER IS GREATER. SPACE SHALL BE PROVIDED FOR SPLICING BARS.

A MINIMUM OF 1 TEST PANEL SHALL BE SHOT FOR EACH DAY OF OPERATION. THE TEST PANEL SHALL BE A MINIMUM 2'-0" X 2'-0" X 6" THICK AND SHALL BE SUFFICIENT TO PROVIDE 3 CORE SAMPLES. THE SAMPLES SHALL BE TESTED AS REQUIRED IN THE CONCRETE SPECIFICATIONS.

ALL CONCRETE SURFACES RECEIVING SHOTCRETE SHALL BE SANDBLASTED TO EXPOSE CLEAN AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX. SANDBLASTED SURFACES SHALL HAVE A 1/4" AMPLITUDE.

THE OPERATING CREW SHALL CONSIST OF A MINIMUM OF TWO PEOPLE AT ALL TIMES: ONE PERSON TO SHOOT THE SHOTCRETE AND ONE PERSON TO CLEAN THE REINFORCING BARS AND CONCRETED SURFACE IMMEDIATELY BEFORE SHOTCRETING.

SEE THE CONCRETE NOTES AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

CARPENTRY

SILLS ON CONCRETE SHALL BE NO. 2 GRADE, CLOSE GRAIN REDWOOD, OR PRESSURE-TREATED DOUGLAS FIR, 3" THICK AT STRUCTURAL PLYWOOD SHEATHED WALLS AND 2" MINIMUM THICK ELSEWHERE. THEY SHALL BE ANCHORED WITH 5/8" DIAMETER X 14" MACHINE BOLTS UNLESS OTHERWISE NOTED (HOLES MAY BE 1/16" OVERSIZE) WITH A BOLT WITHIN 9" OF EACH END OF EACH STICK AND SPACED NOT OVER 48" O.C. BETWEEN. SEE STRUCTURAL DETAILS FOR SPECIFIC SPACING OF ANCHOR BOLTS WHICH MAY BE NOTED AS LESS THAN 48" O.C. THERE SHALL BE AT LEAST 2 BOLTS IN EACH STICK. WHERE NOTCHES FOR PIPES, ETC., EXCEED 1/3 THE WIDTH OF THE SILL, PLACE A BOLT WITHIN 9" OF EACH SIDE OF NOTCH. TIEDOWN BOLTS SHALL NOT BE CONSIDERED AS SILL BOLTS. SILLS SHALL BE BEDDED IN 1:2 MORTAR 3/4" THICK. ALL POST SHALL BE FULL HEIGHT OF BUILDING AND SHALL BE SOLID BLOCKED AT FRAMING LEVELS.

FRAMING LUMBER: DOUGLAS FIR, NORTH REGION MANUFACTURED AND GRADED IN ACCORDANCE WITH THE WEST COAST LUMBER INSPECTION BUREAU "STANDARD GRADING RULES NO. 16" EFFECTIVE SEPTEMBER 1, 1970 AND REVISED JANUARY 1, 1988.

STRUCTURAL LIGHT FRAMING:	NO. 1 (PARA. 124) 2" TO 4" THICK; 2" TO 4" WIDE
STRUCTURAL JOISTS AND PLANKS:	NO. 1 (PARA. 123) 2" TO 4" THICK; 6" AND WIDER
BEAMS:	NO. 1 STRUCTURAL, FREE OF HEART CENTER (PARA. 130) 5" AND THICKER; WIDTH MORE THAN 2" GREATER THAN THICKNESS
POST:	NO. 1 STRUCTURAL (PARA. 131)
STUDS:	2x4 OR 3x4 CONSTRUCTION (PARA 122)
	2x6 AND LARGER NO.1 (PARA. 123)

BLOCKING AND BRIDGING - PROVIDE AS FOLLOWS:

A. 2" SOLID BLOCKING BETWEEN JOISTS AND RAFTERS OVER SUPPORT.
B. 2"x3" (MIN) CROSS BRIDGING BETWEEN JOISTS AND RAFTERS NOT OVER 8'-0" O.C. NOR MORE THAN 8'-0" FROM SUPPORT.
C. OMIT CROSS BRIDGING BETWEEN CEILING JOISTS AND RAFTERS 2x8 AND SMALLER.
D. CONTINUOUS 2" HERRINGBONE BRIDGING, SLOPE 3-IN-12, AT MID-HEIGHT OF STUDS OR SO SPACED THAT UNBRACED LENGTH OF STUDS SHALL NOT EXCEED 8'-0" EXCEPT WHERE WALL FINISH OR PLYWOOD SHEATHING AT SHEAR WALLS CALLS FOR SOLID HORIZONTAL BLOCKING.

WHERE JOISTS SPAN BETWEEN CONCRETE OR MASONRY WALLS, STEEL PLATE ANCHOR CONNECTORS SHALL BE PROVIDED AT EACH END OF THE SAME JOIST. SUCH CONNECTED JOISTS SHALL NOT BE SPACED OVER 48" ON CENTER. WHERE A JOIST OR STUD IS PLACED AGAINST CONCRETE OR MASONRY WALL, BOLT TO WALL WITH 3/4" DIAMETER ANCHOR BOLTS AT NOT OVER 48" O.C.

DOUBLE TOP PLATES OF EXTERIOR WALLS SHALL NOT BE CUT TO LAP THE TOP PLATES OF INTERSECTING WALLS EXCEPT AT EXTERIOR WALL CORNERS OR AS OTHERWISE NOTED ON DRAWINGS.

PIPES EXCEEDING ONE-THIRD OF THE PLATE WIDTH SHALL NOT BE PLACED IN PARTITIONS USED AS BEARING OR SHEAR WALLS, UNLESS OTHERWISE DETAILED OR COMPLETELY FURRED CLEAR OF THE STUDS. PIPES SHALL PASS THROUGH THE CENTER OF THE PLATES USING NEATLY BORED HOLES. NO NOTCHING WILL BE ALLOWED.

LAG SCREWS SHALL BE SCREWED (NOT DRIVEN) INTO PLACE. DRILL HOLE SAME DIAMETER AND DEPTH AS SHANK, THEN DRILL HOLE SAME DIAMETER AS AT BASE OF THREAD FOR THE THREADED PORTION. USE PLATE WASHERS AS REQUIRED FOR SAME BOLT SIZE.

BOLTS IN WOOD SHALL BE MACHINE BOLTS UNLESS OTHERWISE NOTED. ALL MACHINE BOLTS SHALL HAVE CUT THREADS.

BOLT HOLES IN WOOD AND STEEL SHALL BE THE DIAMETER OF THE BOLT PLUS 1/16". PROVIDE SQUARE PLATE WASHER UNDER HEAD AND NUT WHERE BEARING IS AGAINST WOOD. WASHER WILL NOT BE REQUIRED UNDER HEAD OF CARRIAGE BOLTS. LENGTH OF THREAD SHALL BE SUCH THAT THREADS DO NOT BEAR AGAINST WOOD OR STEEL. ALL NUTS SHALL BE TIGHTENED WHEN PLACED AND RETIGHTENED AT COMPLETION OF THE JOB OR IMMEDIATELY BEFORE CLOSING WITH FINISH CONSTRUCTION.

BOLT DIAMETER	SQUARE STEEL PLATE WASHER	BOLT DIAMETER	SQUARE STEEL PLATE WASHER
1/2"	2 x 2 x 1/4"	7/8"	3-1/2 x 3-1/2 x 3/8"
5/8"	2-1/2 x 2-1/2 x 1/4"	1"	3-1/2 x 3-1/2 x 3/8"
3/4"	3 x 3 x 5/16"	1-1/8"	4 x 4 x 7/16"
		1-1/4"	4-1/2 x 4-1/2 x 1/2"

MALLEABLE IRON WASHERS MAY BE USED IN LIEU OF SQUARE STEEL PLATE WASHERS.

ALL ANCHOR BOLTS AND SILL BOLTS SHALL BE SECURED IN PLACE PRIOR TO POURING CONCRETE FOOTINGS.

PLYWOOD SHEATHING

WHERE NOTED ON STRUCTURAL PLANS, ROOFS, FLOORS, EXTERIOR SHEAR WALLS AND INTERIOR SHEAR WALLS SHALL BE SHEATHED WITH DOUGLAS FIR PLYWOOD, STRUCTURAL I, C-D OR BETTER, WITH EXTERIOR GLUE.

ALL PLYWOOD SHEATHING USED STRUCTURALLY SHALL EXTEND CONTINUOUSLY BEHIND ALL FINISH. WHERE IT IS TO BE PLASTERED, IT SHALL BE PROTECTED BY AN UNBROKEN LAYER OF MOISTURE-TIGHT PAPER UNDER LATHING.

IN GENERAL, PLYWOOD SHEETS SHALL BE 4'-0" x 8'-0". THE LONG DIMENSION MAY BE LAID EITHER HORIZONTALLY OR VERTICALLY AT WALLS. ROOF AND FLOOR SHEETS SHALL BE LAID WITH FACE PLIES ACROSS JOISTS OR FRAMING MEMBERS AND WITH END JOINTS STAGGERED 4'-0". ALL PLYWOOD JOINTS SHALL BE ACCURATELY CENTERED ON SUPPORTING ELEMENTS, INCLUDING BLOCKING. BLOCKING BETWEEN STUDS SHALL BE 3x STUD DEPTH. BLOCKING BETWEEN JOISTS FOR PLYWOOD EDGE NAILING SHALL BE 2x4 MINIMUM FLAT BLOCKING, EXCEPT WHERE DETAILED OTHERWISE. WHERE NAILING IS @ 3" O.C. OR CLOSER, PROVIDE 4x4 MINIMUM BLOCKING BETWEEN JOISTS, AND LEDGERS SHALL BE 4x SAME DEPTH AS JOIST. ALL ROOF, FLOOR AND WALL PLYWOOD SHALL BE BLOCKED.

See RFI 117.0 for Size & Spacing of Power Actuated Fasteners for the non-Bearing Wall For Existing Bldg.

NAILING

See RFI 82.0

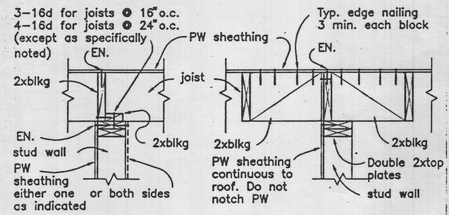
ALL NAILS SHALL BE COMMON WIRE NAILS. WHERE NAILS TEND TO SPLIT THE WOOD, NAIL HOLES SHALL BE SUB-DRILLED.

SCHEDULE OF MINIMUM PERMISSIBLE CONNECTION

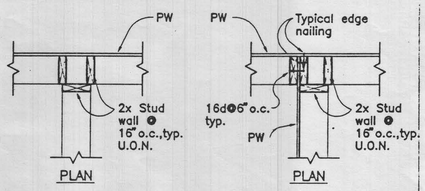
DETAILS		FASTENING
STUDS TO BEARING	2x6 AND SAMLLER	2-10d TOENAILS EACH SIDE (3-10d TOENAILS EACH SIDE TOP & BOTTOM AT EXTERIOR WALLS WHEN HEIGHT OF STUD EXCEEDS 13'-4")
	2x8 AND LARGER	3-10d TOENAILS EACH SIDE TOP AND BOTTOM AT EXTERIOR WALLS (3-16d TOENAILS EACH SIDE TO REDWOOD SILL WHEN STUD EXCEEDS 20'-0")
SOLE PLATES (ON SHEATHING)	PERPENDICULAR TO JOISTS	2-20d EACH JOIST
	PARALLEL TO JOIST	20d @ 8" O.C. STAGGERED
DOUBLE 2" TOP PLATES (USE 30d FOR 3" PLATE)	LOWER PLATE TO STUD	2-20d FOR 2x6 STUDS OR SMALLER; 3-30d FOR 2x8; 2-20d FOR 3x4 STUDS
	UPPER TO LOWER STAGGERED	16d @ 12" O.C. (MIN.) LAP 4'-0" WITH 16-16d EACH LAP. SEE PLANS FOR SPECIAL CONDITION.
JOIST OR RAFTERS	LAP AT INTERSECTIONS	3-16d
	TO BEARING	2-10d TOENAILS EACH SIDE
	TO SIDE OR EDGE OF STUD	3-16d FOR 8" DEPTH JOIST OR LESS AND 1-16d FOR EACH ADDITIONAL 4" IN DEPTH FOR JOIST.
	TO PARALLELING MEMBERS (PLATES, ETC.)	16d @ 12" O.C.
	ALL LAPS (12" MIN.)	4-16d
BLOCKING	TO JOISTS OR RAFTERS	2-10d TOENAILS EACH SIDE EACH END
	TO BEARINGS	2-10d TOENAILS EACH SIDE
HERRINGBONE BRIDGING	TO STUDS	2-10d
CROSS BRIDGING	TO JOISTS OR RAFTERS	2-8d
MULTIPLE STUDS (MULTIPLE JOISTS)	EACH LAYER	16d @ 8" O.C.
BUILT-UP BEAMS (MULTIPLE JOISTS)	EACH LAYER	16d @ 8" O.C. FOR BEAMS LESS THAN 10" IN DEPTH ONLY
		1/2" DIAMETER BOLTS @ 24" O.C. STAGGERED FOR BEAMS 10" OR GREATER IN DEPTH
DOUBLE JOIST UNDER PARTITIONS	WHERE NOT BLOCKED APART	16d @ 8" O.C.
	WHERE BLOCKED APART	3-16d EACH BLOCK EACH SIDE (BLOCKS 2x @ 24" O.C.)
PLYWOOD SHEATHING	PW NAILING LOCATION (SEE PLANS & STRUCTURAL SECTIONS)	PW AT LOCATIONS AS INDICATED ON STRUCTURAL PLANS.
*3/4" T & G THICK @ BALCONY 5/8" T & G THICK @ FLOOR 1/2" THICKNESS @ WALLS	AT ALL EDGES OF SHEET AND WHERE CALLED OUT AS "EDGE NAILING" (E.N.) U.O.N.	10d @ 4" O.C.
See RFI 75.0	AT ALL OTHER CONTACTS	10d @ 12" O.C. UON
	UNLESS OTHERWISE NOTED	10d @ 10" O.C. FLOOR
	AT DOUGLAS FIR SILLS	10d @ 4" O.C. U.O.N. ON SHEAR WALL SCHEDULE
	AT REDWOOD SILLS	10d @ 3" O.C. U.O.N. ON SHEAR WALL SCHEDULE
	AT POST W/ THE HOLDOWN	10d @ 4" O.C. U.O.N. ON SHEAR WALL SCHEDULE
	*PROVIDE #10 X 1-1/2" WOOD SCREWS @ 4" O.C. FOR ALL UNSUPPORTED PLYWOOD EDGES WHERE PLYWOOD IS APPLIED OVER (E) 1 X SHEATHING.	

PNEUMATIC GUN NAILING:

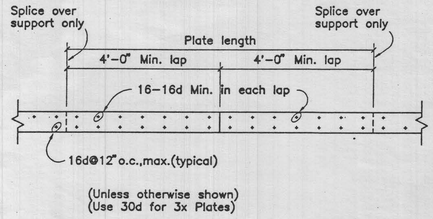
1. PNEUMATIC GUN NAILS SHALL HAVE THE SAME GAUGE AND HEAD DIAMETER AS A 10d COMMON NAIL. NAILS SHALL BE FULL HEADED. MINIMUM LENGTH: 2-1/4" FOR 1/2" PLYWOOD AND 2-1/2" FOR 3/4" PLYWOOD. (SHANK DIAMETER 0.148 INCHES, HEAD DIAMETER 5/16").
2. MINIMUM EDGE DISTANCE OF NAIL FROM EDGE OF PLYWOOD AND FRAMING SHALL BE 3/8 INCHES FOR 2 x FRAMING, AND SHALL BE A MINIMUM OF 3/4 INCHES FOR 3 x FRAMING.
3. SPACING OF NAILS SHALL BE AS SPECIFIED FOR 10D COMMON NAILS.
4. "SHINERS" OR NAILS WHICH DO NOT PENETRATE INTO FRAMING OR BLOCKING SHALL BE REMOVED AND REPLACED.
5. OVERDRIVING OF PNEUMATIC GUN NAILS, SUCH THAT THE HEAD OF NAIL IS BELOW THE TOP SURFACE OF PLYWOOD, SHALL NOT BE PERMITTED.
6. PNEUMATIC GUN SHALL UNDERDRIVE N



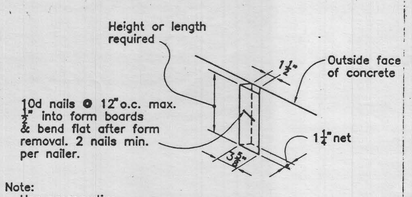
23 SHEAR WALL SHEATHING CONNECTION



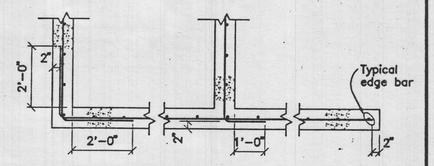
18 INTERSECTING EXTERIOR STUD WALL FRAMING



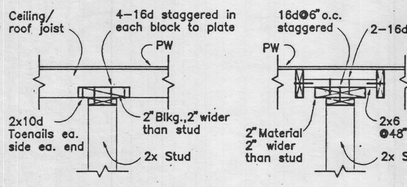
14 PLAN OF TYPICAL TOP PLATE SPLICE



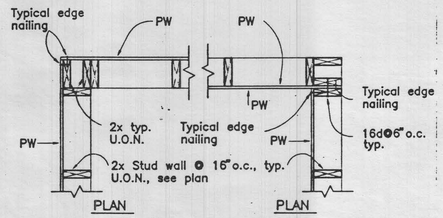
10 BUILT–IN NAILER IN CONCRETE



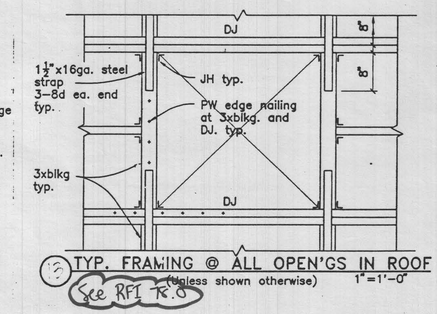
5 SINGLE MAT TYPICAL REINFORCEMENT AT WALL AND FOOTING CORNERS



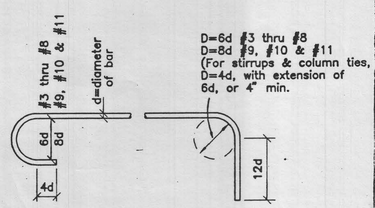
22 STUDS TO CEILING OR ROOF JOISTS



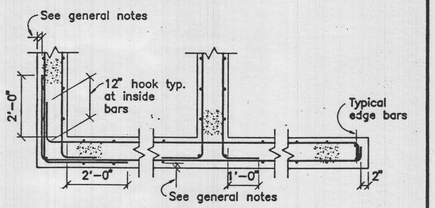
17 FRAMING AT EXTERIOR STUD WALL CORNERS



13 TYP. FRAMING @ ALL OPEN'GS IN ROOF (unless shown otherwise) 1"=1'–0"

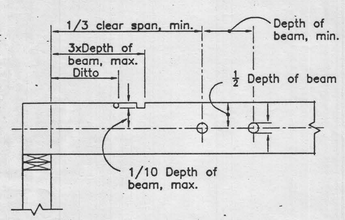


3 TYPICAL BAR HOOKS AND ANCHOR BOLT HOOKS

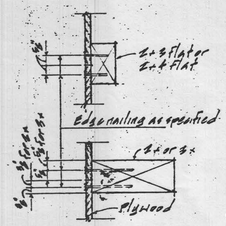


1 DOUBLE MAT TYPICAL REINFORCEMENT AT WALL AND FOOTING CORNERS

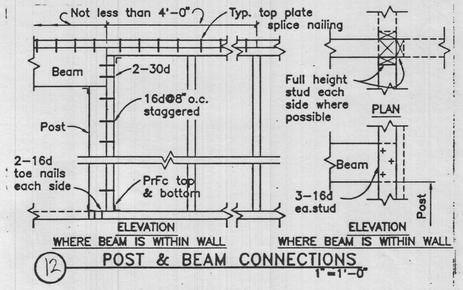
CON005



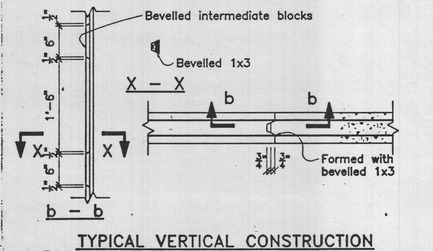
21 HOLES & NOTCHES IN BEAMS & JOISTS



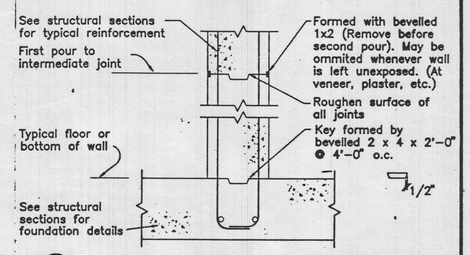
16 PLYWOOD SPLICE Note: Predrill if splitting of wood occurs



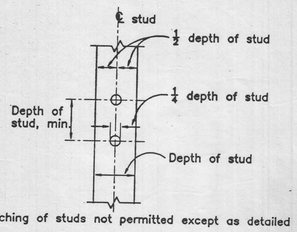
12 POST & BEAM CONNECTIONS 1"=1'–0"



8 TYPICAL VERTICAL CONSTRUCTION JOINT AT CONCRETE WALLS



3 TYPICAL HORZONTAL CONSTRUCTION JOINT



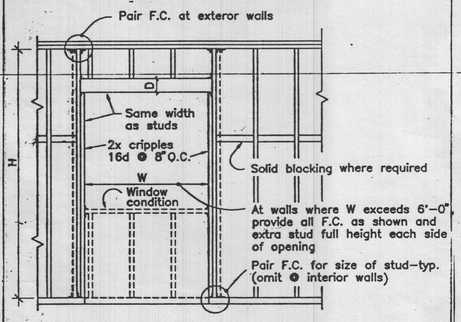
Notching of studs not permitted except as detailed

20 HOLES IN STUDS

D (bm. depth)	W (opg. width)
5½"	4' to 8'
7½"	8' to 10'
9½"	10' to 12'

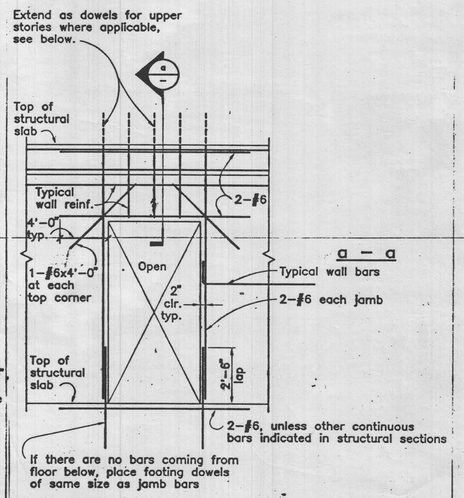
Where W is less than 4'–0" use 2–2x6 blocked apart

At walls where H exceeds 10'–0", provide extra stud full height each side of opening. Provide 3 studs full height ea. side where W exceeds 6'–0"

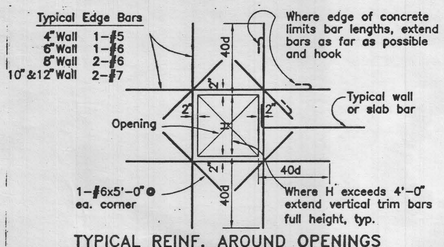


15 TYPICAL FRAMING AT DOORS AND WINDOWS ½"=1'–0"

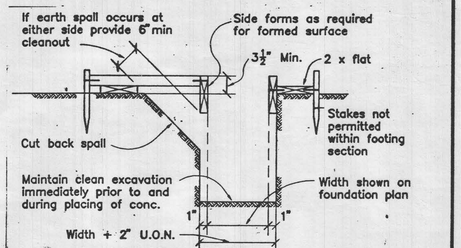
See RFI 77.0



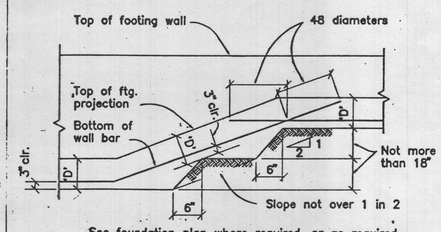
11 TYP. DOOR OPENING AT CONCRETE WALL



7 TYPICAL REINF. AROUND OPENINGS IN CONC. WALLS & FOOTING WALLS
Unless otherwise noted on other structural drawings (Similar for openings at supported slabs)

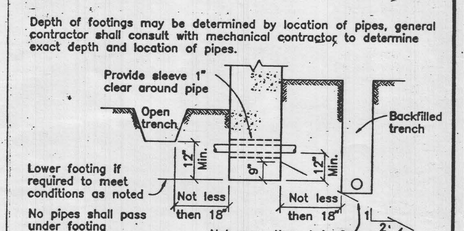


2 TRENCHED FOOTING DETAIL 1"=1'–0"



See foundation plan where required, or as required due to field conditions

6 TYPICAL STEPPED FOOTINGS 1"=1'–0"



1 RELATION OF PIPES & TRENCHES TO FTGS.
(Applies also to piers, column footings, etc.)

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Date	Submitted for Construction 24 February 1992
Job No.	1-1841.50
Drawn	
Checked	
Approved for the Owner	
Approved for the Architect	

No.	Revision	Date

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

TYPICAL
DETAILS
AS-BUILT

Sheet No.
S1.2

D:\Project File Name\Presentation Faculty Housing - AS BUILT\S - Sheet 00000012 - Project 01184150 - Date 07-24-1997 - TAG TXBR-AS DETAIL S000000 - Plotted NNNN.pdf

LEGEND OF CEILING JOIST SIZES		
JOIST SIZE	MAX. SPAN	AT FULL HEIGHT STUD WALL
2x4@16	8'–0"	2x4 ledger: 2–16d ea. stud @ 16"o.c. joist to ledger 2–10d toe nails ea. side
2x6@16	12'–0"	2x6 ledger: Nailing same as 2x4
2x8@16	14'–0"	2x8 ledger: 3–16d ea. stud @ 16"o.c. joist to ledger: JH
2x8@12	16'–0"	2x8 ledger: 3–16d ea. stud joist to ledger: JH

NOTES:

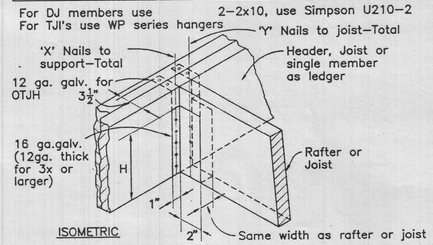
1. Solid blkg @ midpoint of joists and at ends.
2. Contractor's option to use ceiling joists spaning from wall to wall or hung from roof joists as shown on sections.
3. See Architectural drawings for ceiling joist locations.
4. Coordinate location of all openings in ceiling and adjust framing as necessary.

(5) CEILING JOINT DETAILS & SCHEDULE

1"=1'–0" TWD021

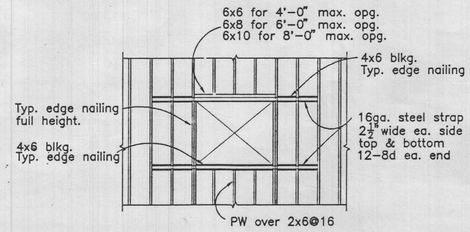
Simpson Equivalent	Joist size		Dim. H	Nails X	Nails Y
U24 U34	2x4 2–2x4	3x4	3" 3"	4–10d 4–16d	2–10d 2–10d
U26 U36	2x6 3x6	2x8 2–2x6	5" 5"	6–10d 8–16d	4–10d 4–10d
U210	2x10	2x12	8 3/8"	10–16d	6–10d
U214	2x14	2x16	10"	12–16d	8–10d
HU38TF HU68TF	3x8 6x8	2–2x8	6 3/8"	10–16d	4–10d 4–16d
HU310TF HU610TF	3x10 6x10	2–2x10	8 3/8"	14–16d	6–10d 6–16d
HU312TF HU612TF	3x12 6x12	2–2x12	10 1/8"	16–16d	6–10d 6–16d
HU314TF HU614TF	3x14 6x14	2–2x14	11 7/8"	18–16d	6–10d 6–16d
HU316TF HU616TF	3x16 6x16	2–2x16	13 5/8"	20–16d	8–10d 8–16d

For DJ members use 2–2x10, use Simpson U210–2
For TJI's use WP series hangers



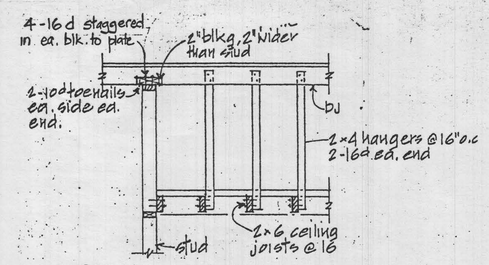
(6) JOIST HANGER (JH OR OTJH) SCHEDULE

1½"=1'–0" TWD017A

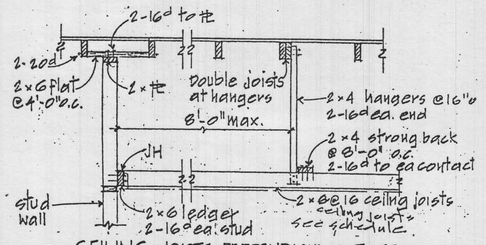


(7) TYPICAL MECH. AND ELECT. PANEL OPENING IN PW SHEAR WALL

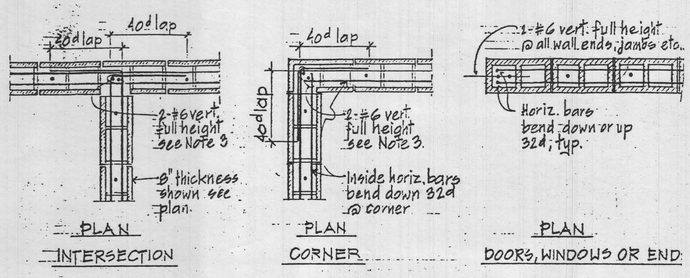
1"=1'–0" TWD009



(4) CEILING JOISTS PARALLEL TO STUD WALL

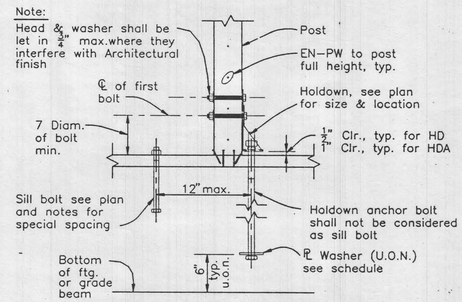


(3) CEILING JOISTS PERPENDICULAR TO STUD WALL



1. See General Notes sht. S1.1 for additional notes.
2. Vert. & horiz. bars are typ. U.O.N. on specific details.
3. Vert. bars shall be one length b/w floor levels & placed in the open end of block U.O.N.. Bar laps may be omitted where bar is continuous (one length) between two floor levels. Lap vert bars 40d min., vert. edge bars 60d min.
4. Place 2-#6 vert. bars at all edges, jambs, ends, corners, etc.. u.n.o.
5. Dowels from ftg. or slab shall be the same size and spacing as vert. reinf..
6. Horiz. dowels shall be the same size and spacing as horiz. bars.
7. Horiz. bars shall be laid in bond beam units.
8. Fill all cells solid with grout.

(2) TYPICAL CONCRETE MASONRY UNITS DETAILS



HOLDOWN SCHEDULE				
HD	HD ANCHOR BOLT DIAM.	HD ANCHOR BOLT MIN. EMBED.	BOLTS TO POST	℄ WASHER
2A	5/8"ø		2–5/8"ø	3" □ x1/4"
5,5A	3/4"ø		2–3/4"ø	3" □ x1/4"
6	1"ø		3–3/4"ø	3" □ x1/4"
7,7A	1 1/8"ø		3–7/8"ø	3" □ x1/4"
9	1 1/8"ø		3–1"ø	4" □ x1/4"
12	1 1/8"ø		4–1"ø	4" □ x1/4"
15	1 1/4"ø		5–1"ø	4" □ x1/4"
20A	1 1/4"ø		4–1"ø	4" □ x1/4"

(1) SIMPSON HOLDOWN DETAIL

1½"=1'–0" TWD019

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Date Submitted for Construction 24 February 1992
Job No.
Drawn
Checked
Approved for the owner
Approved by the architect

No.	Revision	Date

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
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TYPICAL DETAILS
AS-BUILT

Sheet No.
S1.3

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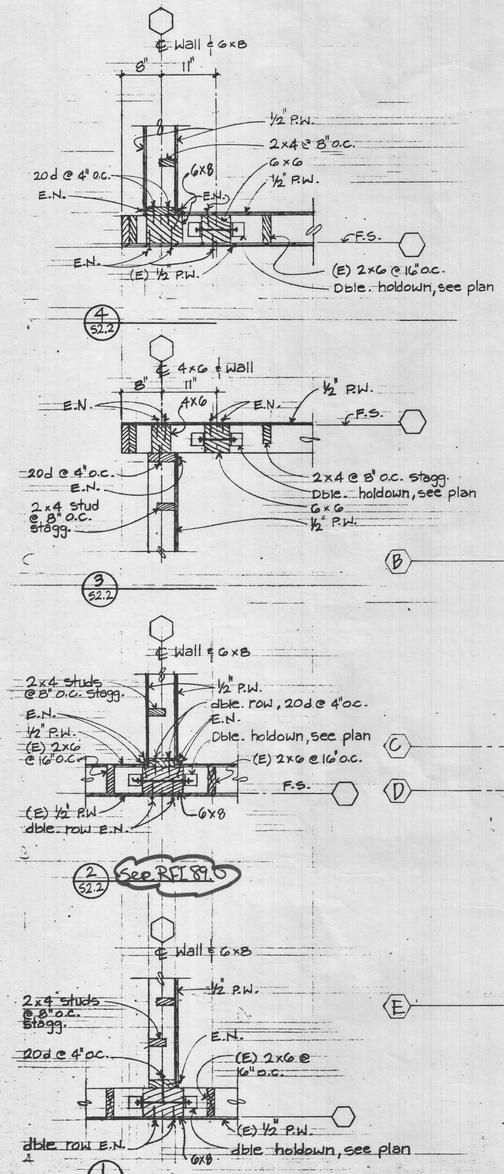
11

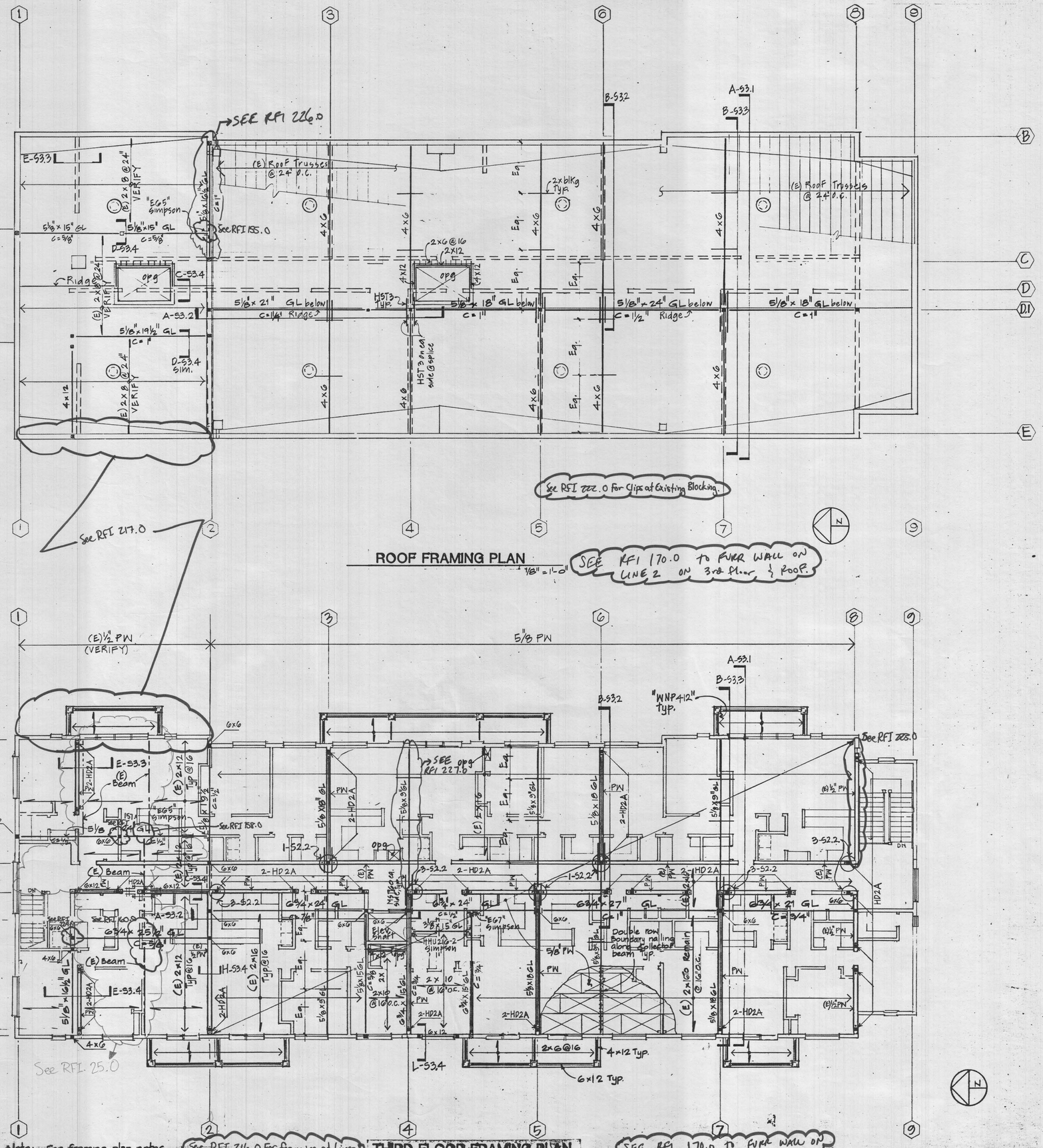
ROOF FRAMING PLAN NOTES:

1. FOR GENERAL NOTES AND TYPICAL STRUCTURAL DETAILS NOT SHOWN HEREIN, SEE SHEETS S1.1.
2. SEE ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR PERTINENT INFORMATION NOT SHOWN HEREIN. VERIFY ALL ITEMS WITH RESPECTIVE TRADES PRIOR TO FRAMING.
3. SEE FOUNDATION AND FLOOR FRAMING PLANS, SHEETS S2.1 FOR GRID DIMENSIONS AND APPLICABLE NOTES.
4. DOUBLE ROOF JOISTS AROUND ALL OPENINGS IN ROOF. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR EXACT LOCATIONS.
5. JOISTS SUPPORTING MECHANICAL EQUIPMENT SHALL BE DOUBLE JOISTS (D.J.), UNLESS OTHERWISE NOTES.
6. C=1/2" INDICATES GLU-LAM CAMBERS. GLU-LAM BEAMS WITHOUT THIS DESIGNATION HAVE NO CAMBER.
7. DO NOT VENT TO ROOF THROUGH DOUBLE TOP PLATES IN STUD WALLS, TYPICAL.
8. TOP OF FRAMING (BOTTOM OF PLYWOOD) ELEVATION VARIES THUS: SEE PLANS AND SECTION FOR ELEVATIONS.



HOLDOWN PLAN DETAILS

A 1"=1'-0"



Note: For framing plan notes see drawing S2.1

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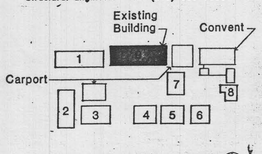

KEY PLAN N

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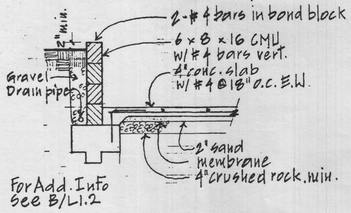
THIRD & ROOF FRAMING PLANS

Sheet No.
S2.2

Revised File Name: Presentation Faculty Housing - All Sheets.dgn 00000522 - Project:1841\84150 - Date:02/24/1992 - Title:THIRDROOFFRAMINGPLAN - Floor:NNNN.mlt



SECTION B-S2.3

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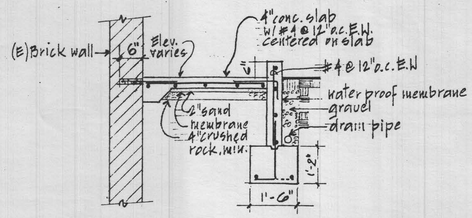

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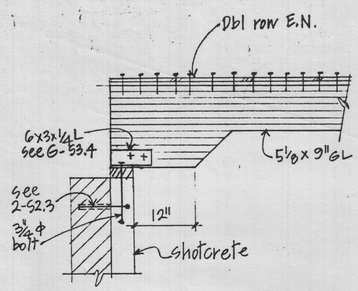
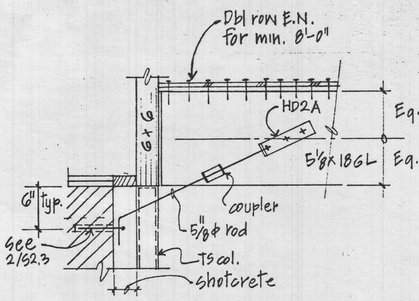
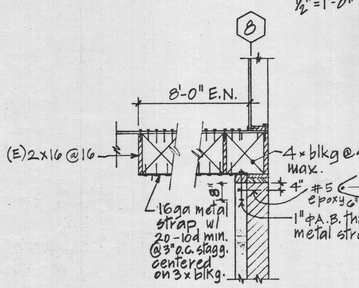
1/2"=1'-0"



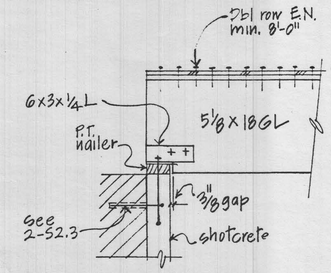
6 S2.3 See RFI 96.0



5 S2.3 See RFI 173.0



7 S2.3



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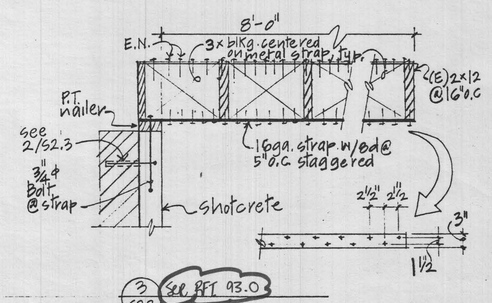
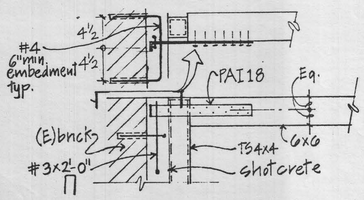


3 S2.3 See RFI 93.0



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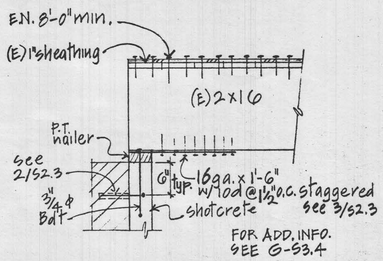
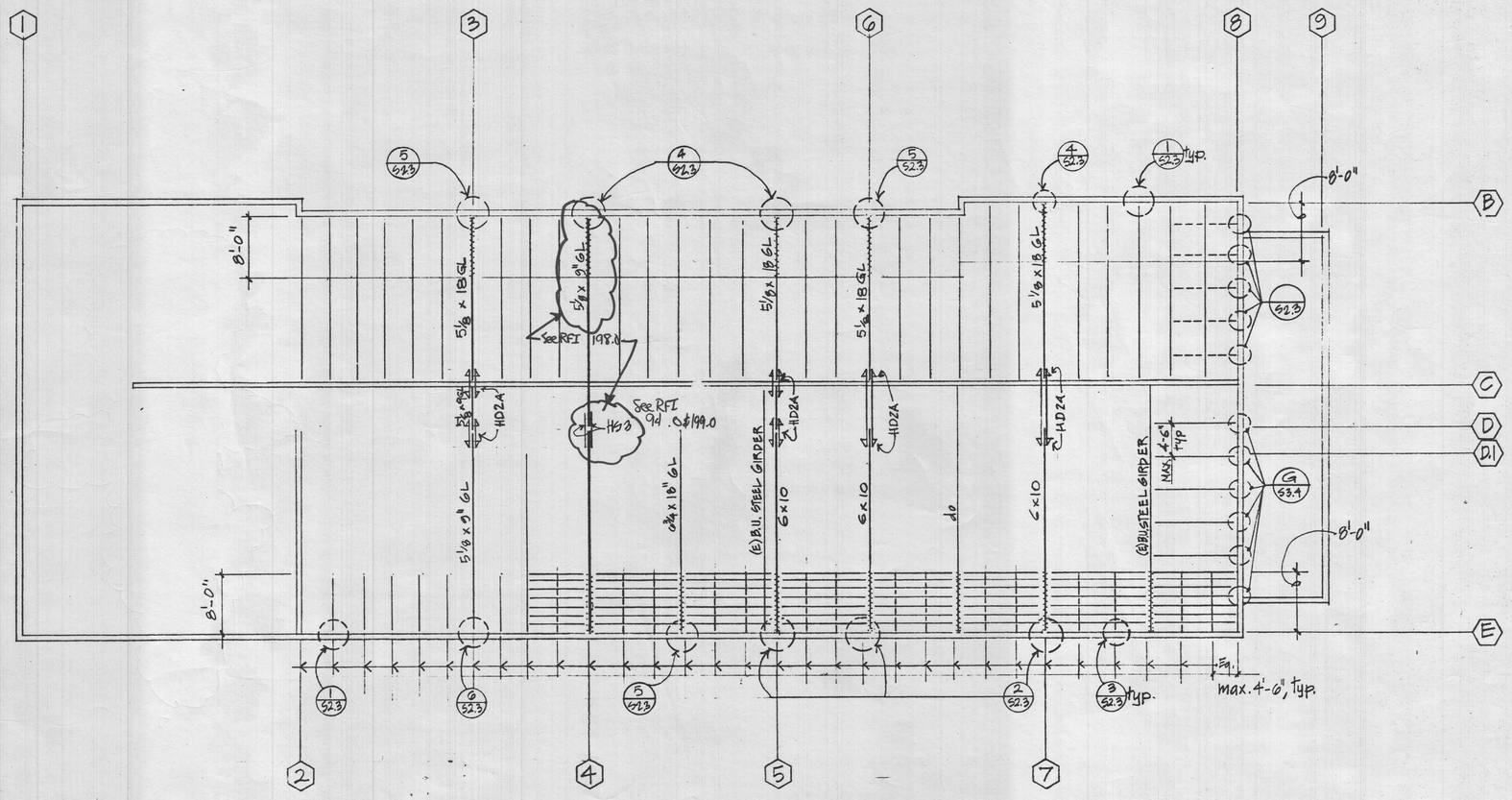


1 S2.3



LOCATION OF WALL TIES AT SECOND FLOOR

1/8"=1'-0"

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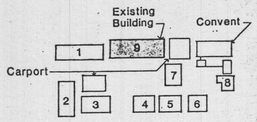

KEY PLAN N

Date Submitted for Construction 24 February 1992

Job No.

Drawn

Checked

Approved for the owner

Approved by the architect

No. Revision Date

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WALL TIE LOCATION AT SECOND FLOOR

Sheet No.

S2.3

Revised File Name: Presentation Faculty Housing - AE 0UNLIS - Sheet 00000523 - Project 00000000 - Date 02-24-1992 - Title WALLTIELOCATIONATSE0 - Floor NNNN.pdf

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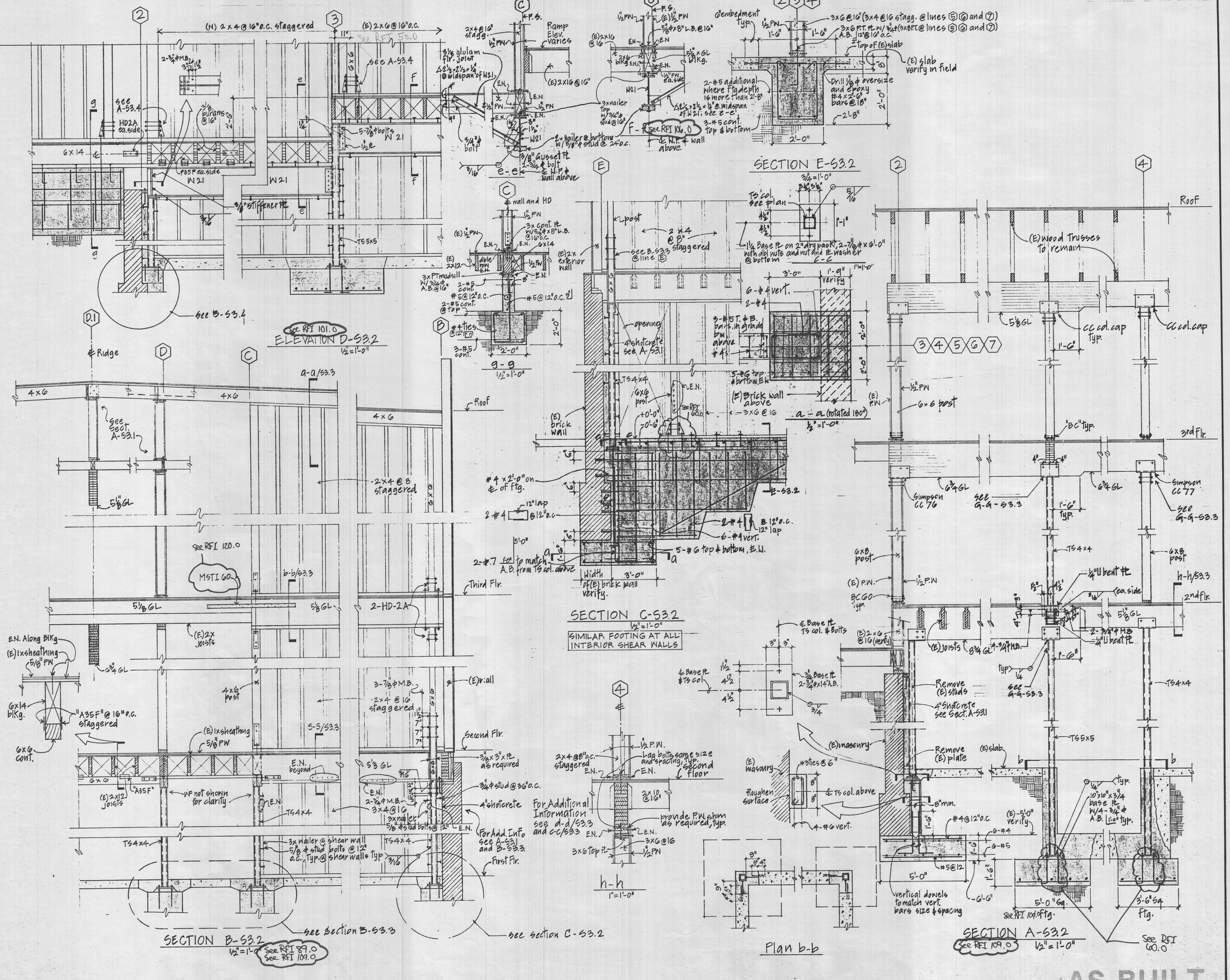

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RAYMOND A. RAZZANO No. 1378 Exp. 3-31-93 STRUCTURAL STATE OF CALIFORNIA

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Date Submitted for Construction 24 February 1992
Job No.
Drawn
Checked
Approved for the owner
Approved by the architect

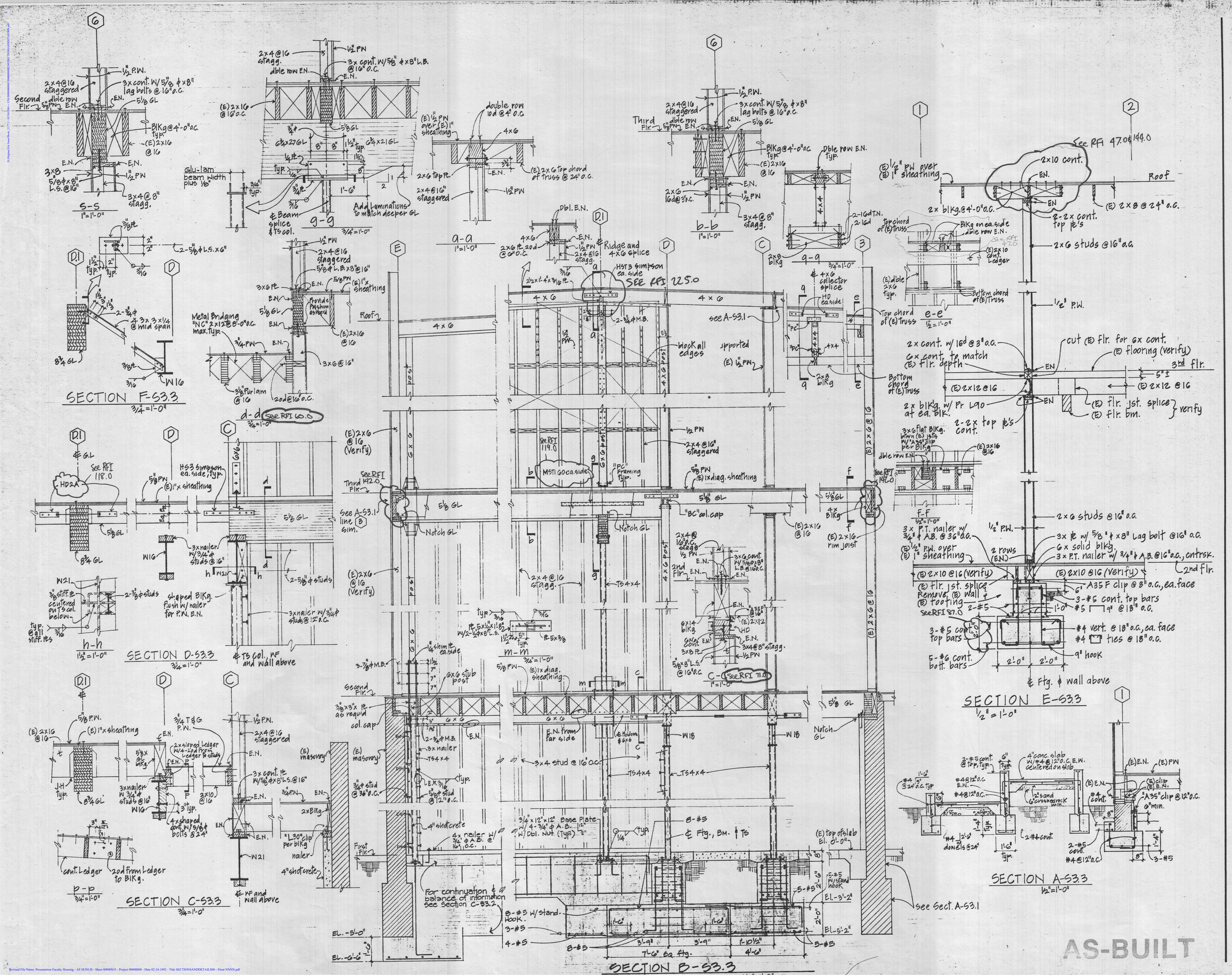
No.	Revision	Date

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

SECTIONS AND DETAILS

Sheet No.
S3.2



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REGISTERED PROFESSIONAL ENGINEER
RAYMOND A. RAZZANO
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Exp. 3-31-93
STRUCTURAL
STATE OF CALIFORNIA

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Structural Engineers
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No.	Revision	Date

PRESENTATION FACULTY HOUSING

EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

SECTIONS AND DETAILS

Sheet No.

S3.3

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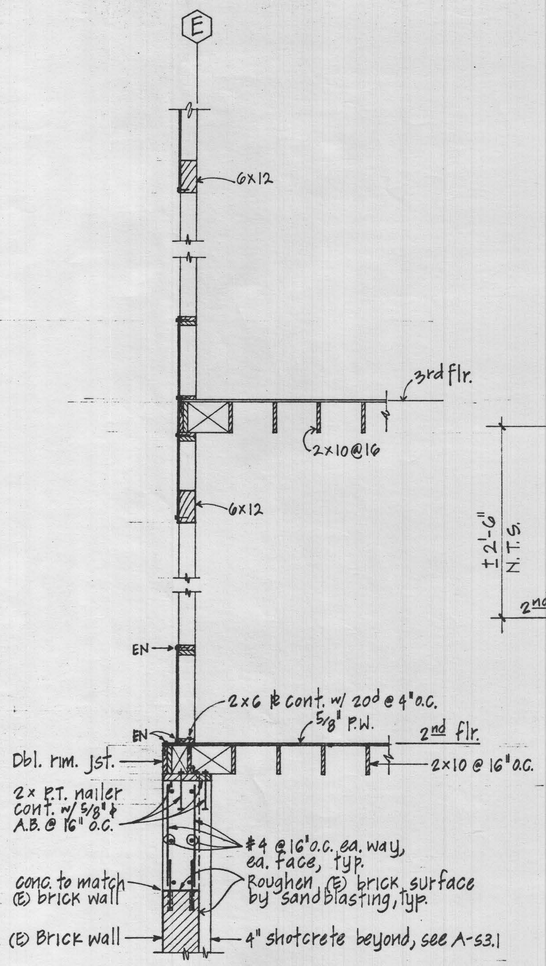
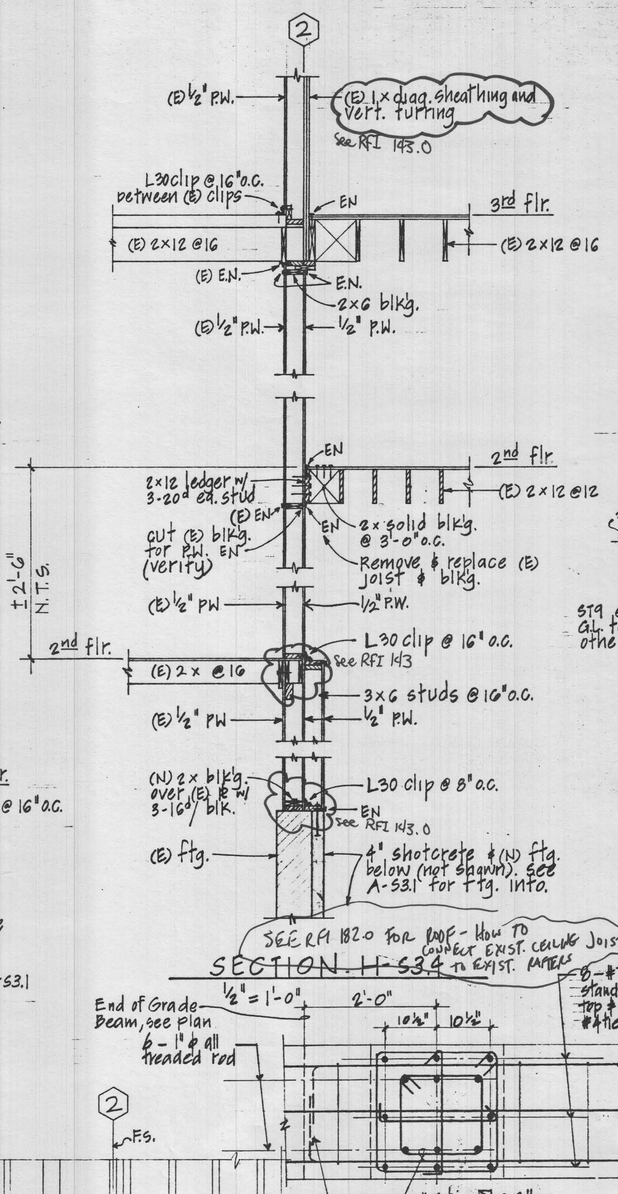


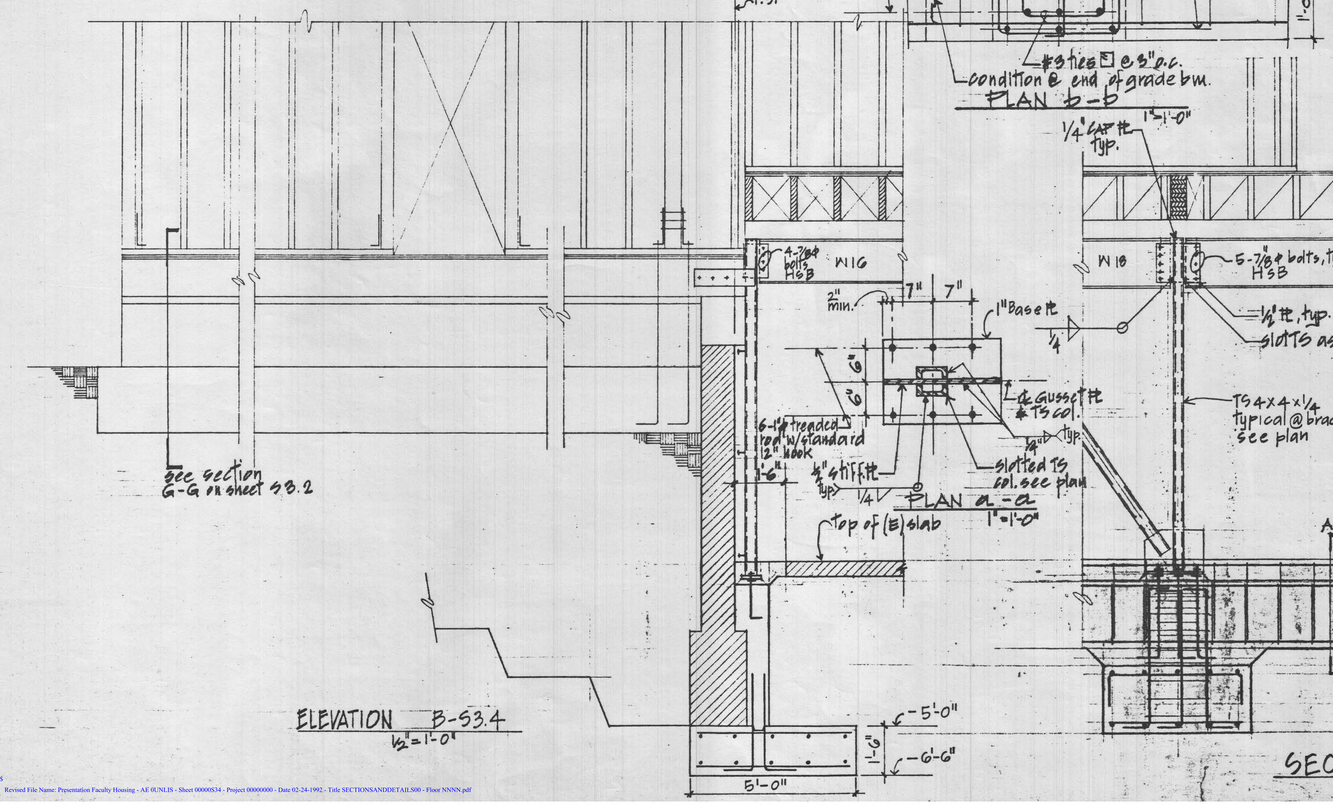
SECTION L-S3.4
½" = 1'-0"



SEE RFI 182.0 FOR ROOF - HOW TO CONNECT EXIST. CEILING JOISTS TO EXIST. RAFTERS

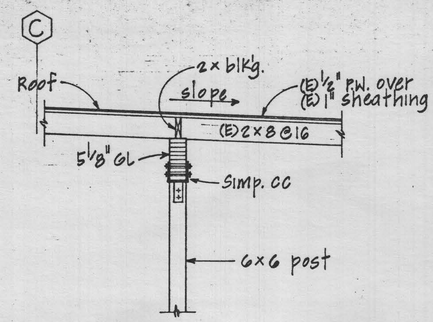
SECTION H-S3.4
½" = 1'-0"

PLAN b-b
1" = 1'-0"

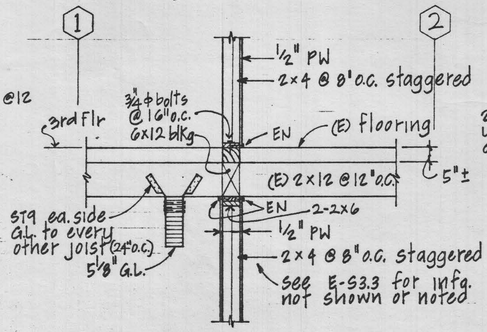


SECTION A-S3.4
½" = 1'-0"

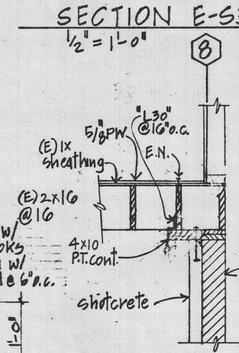
ELEVATION B-S3.4
½" = 1'-0"



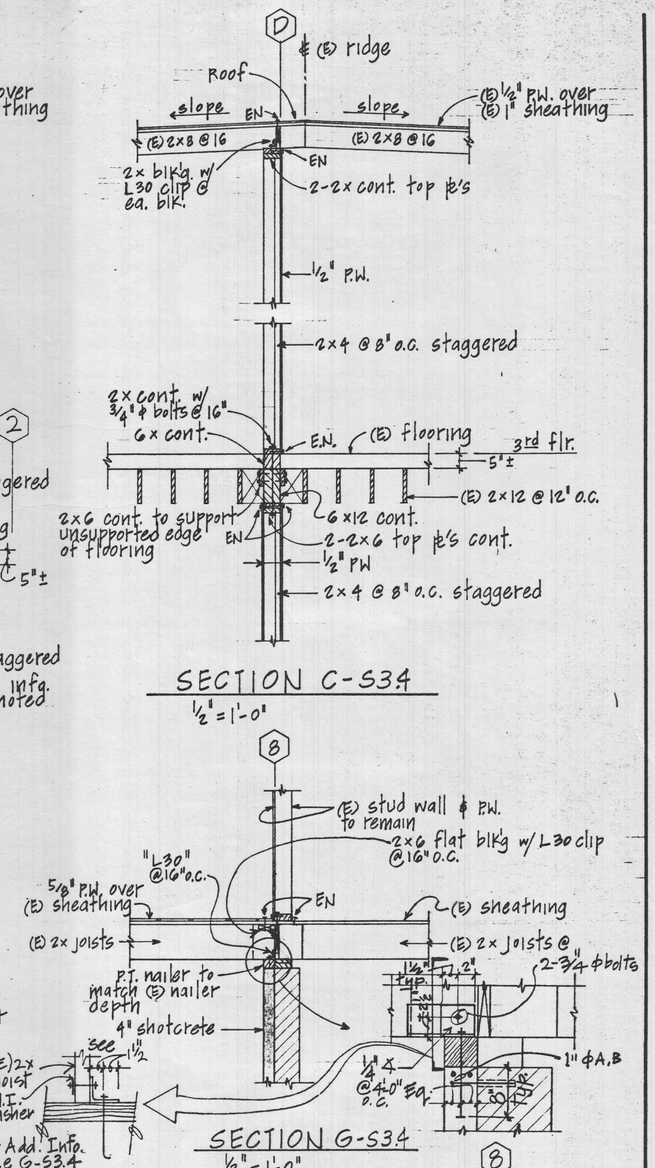
SECTION D-S3.4
½" = 1'-0"



SECTION E-S3.4
½" = 1'-0"



SECTION F-S3.4
½" = 1'-0"



SECTION C-S3.4
½" = 1'-0"

SECTION G-S3.4
½" = 1'-0"

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PRESENTATION FACULTY HOUSING

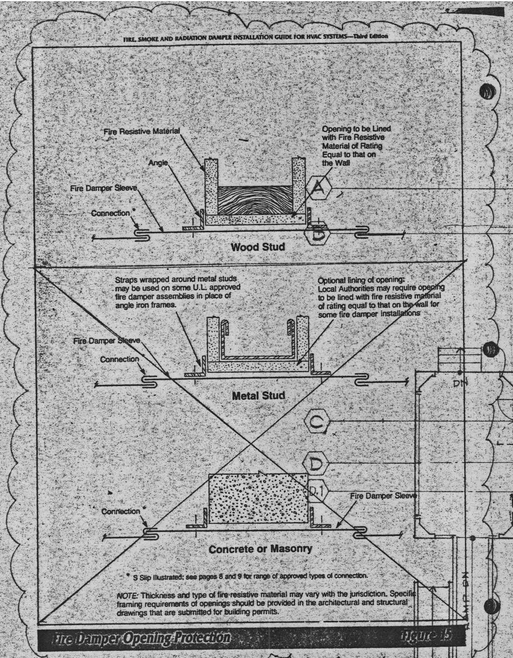
EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

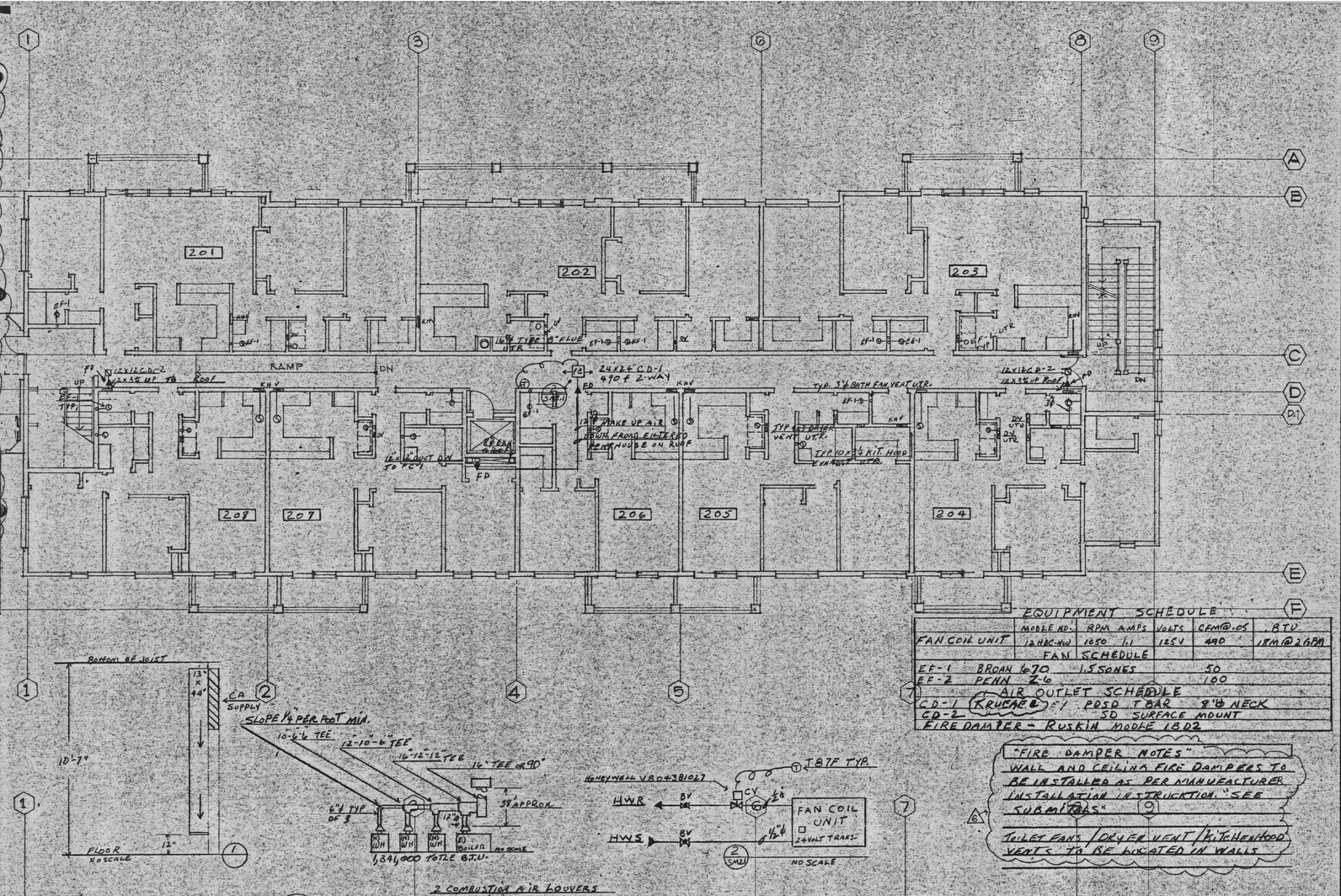
SECTIONS AND DETAILS

AS-BUILT

Sheet No.
S3.4

Revised File Name: Presentation Faculty Housing - AE 0UNLIS - Sheet 00000S34 - Project 00000000 - Date 02-24-1992 - Title SECTIONSANDDETAILS00 - Floor NNNN.pdf





LEGEND

SYMBOL	ABBR.	
☒		CEILING SUPPLY DIFFUSIOR
▨		CEILING RETURN OR EXHAUST
⌶	CFM	CUBIC FEET PER MINUTE
(N)(E)		NEW / EXISTING
UTR	UTR	UP THRU ROOF
TYP	TYP	TYPICAL
©/D	EF-1	EXHUST FAN / VENT
	FC	FAN COIL
	W.H.	WATER HEATER
	GPM	GALLONS PER MINUTE
⊓	VD	VOLUME DAMPER
T	STAT	THERMOSTATE
∿∿	SF	SOFT FLEX
▭	KHV	KITCHEN HOOD VENT
▭	DV	DRYER VENT 3'4" GSM.
⋈	BV	BALL VALVE
	HS/HR	HOTWATER SUPPLY/RETURN
▲	FD	FIRE DAMPER
	GSM	GALVANIZED SHEET METAL

EQUIPMENT SCHEDULE

	MODLE NO.	RPM	AMPS	VOLTS	CFM@.05	BTU
FAN COIL UNIT	12 HBC-HW	1050	1.1	115 V	440	18M@26PM

FAN SCHEDULE

EF-1	BROAN 670	1.5 SONES	50
EF-2	PENN Z-6		100

AIR OUTLET SCHEDULE

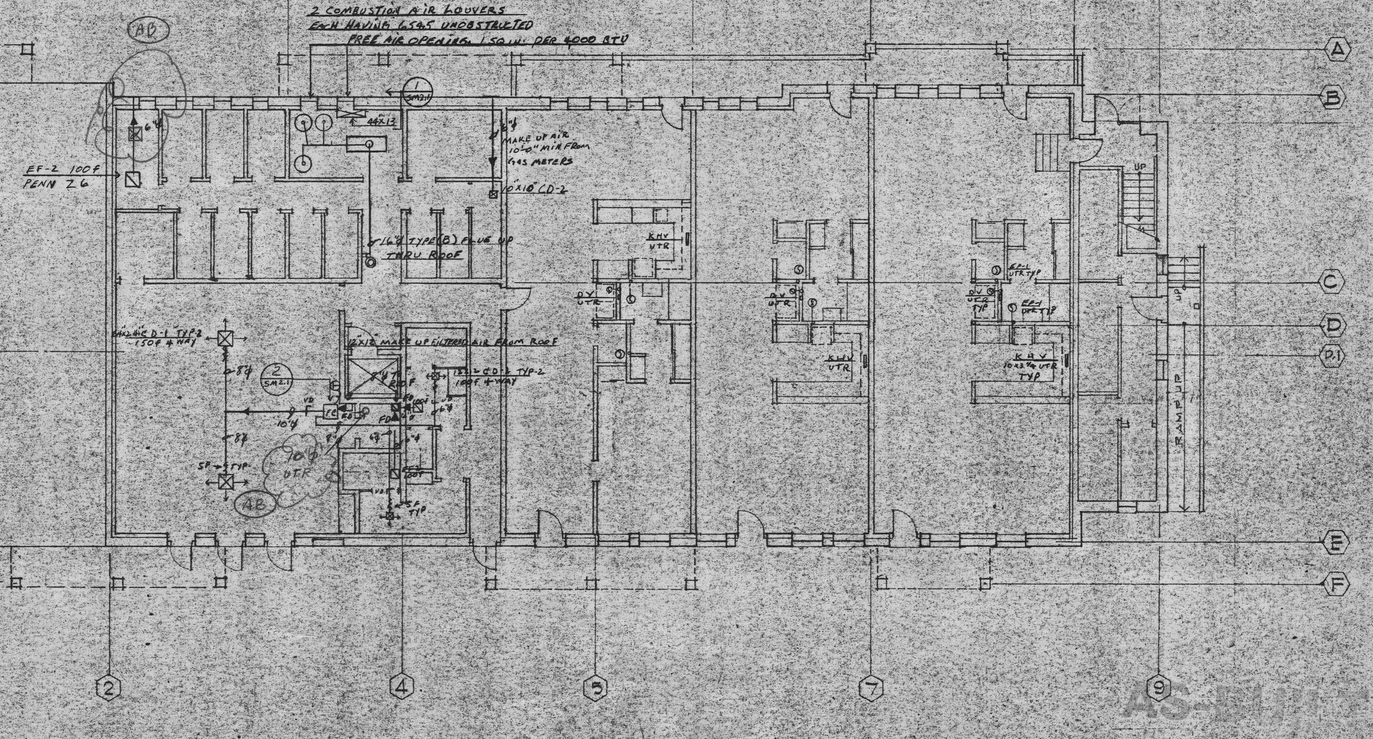
CD-1	KRUEGER	491	PRSD T BAR 8'4 NECK
CD-2			SD SURFACE MOUNT

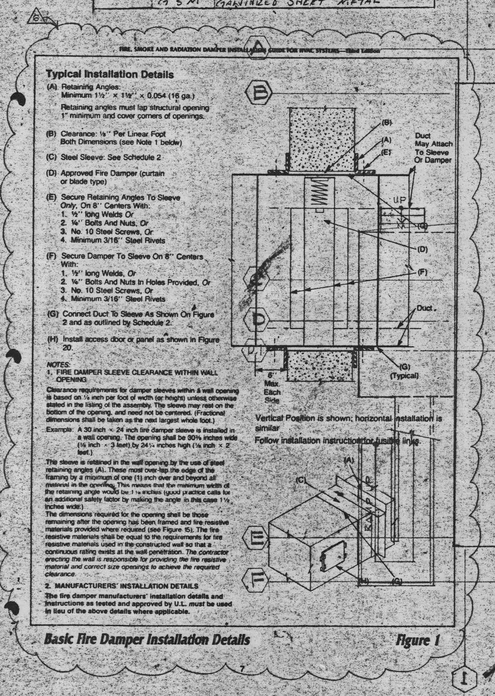
FIRE DAMPER - RUSKIN MODLE 1BD2

"FIRE DAMPER NOTES"
WALL AND CEILING FIRE DAMPERS TO BE INSTALLED AS PER MANUFACTURER INSTALLATION INSTRUCTION. "SEE SUBMITTALS"

TOILET FANS / DRYER VENT / KITCHEN HOOD VENTS TO BE LOCATED IN WALLS

2 COMBUSTION AIR LOUVERS EACH HAVING 6 SQ.IN. UNOBSTRUCTED FREE AIR OPENING 1 SQ.IN. PER 4000 BTU





Basic Fire Damper Installation Details — Figure 1

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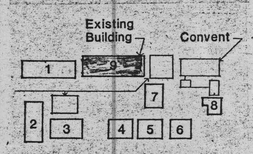
S&C Heating & Sheet Metal Co., Inc. dba AIR-KRAFT HVAC & SHEET METAL
128 Mason Circle, Suite "D" Concord, CA 94520 (510) 680-0184



Date
Job No. 1-1841.50
Drawn
Checked
Approved for the Owner
Approved for the Architect

No.	Revision	Date
6	REVISION	9 SEPT 1992

CALIFORNIA STATE FIRE MARSHAL
APPROVED 7/9/97
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.
REVIEWED BY

PRESENTATION FACULTY HOUSING

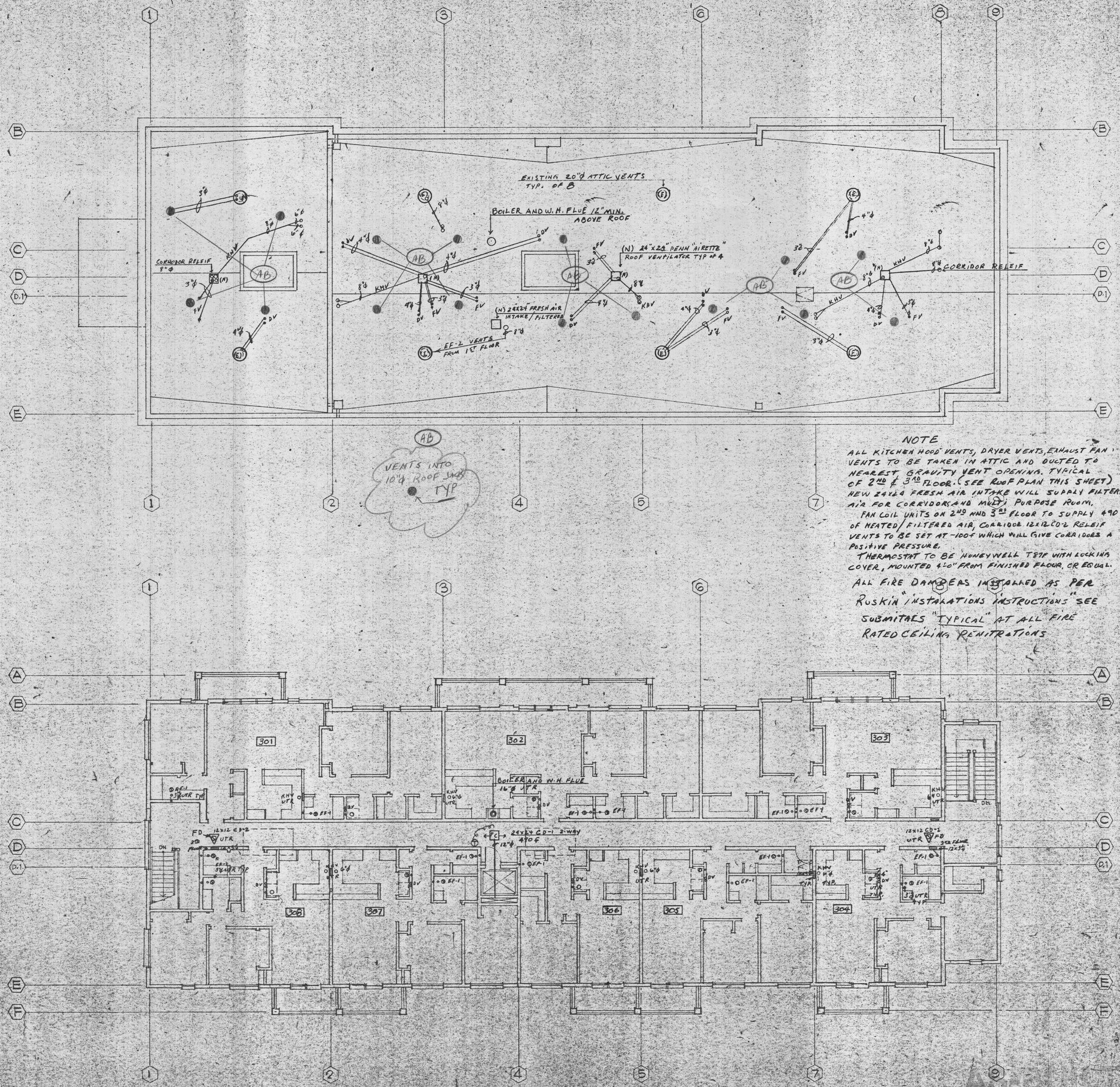
EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

FIRST AND SECOND FLOOR PLAN

Code #: 180 A&E #: 50365
Sheet No.

SM2.1

Revised PSC Name: Performance Facility Housing - All.rvt/PSC Title1 0000.rvt/ | Project ID: 184.50 | Date: 09-01-1992 | File: I:\EST\ARTIST\COMPLETE.RVT | Time: 9:59:58 AM



NOTE

ALL KITCHEN HOOD VENTS, DRYER VENTS, EXHAUST FAN VENTS TO BE TAKEN IN ATTIC AND DUCTED TO NEAREST GRAVITY VENT OPENING. TYPICAL OF 2ND & 3RD FLOOR. (SEE ROOF PLAN THIS SHEET) NEW 24x24 FRESH AIR INTAKE WILL SUPPLY FILTERED AIR FOR CORRIDORS AND MULTI PURPOSE ROOM.

FAN COIL UNITS ON 2ND AND 3RD FLOOR TO SUPPLY 490 f OF HEATED/FILTERED AIR, CORRIDOR 12x12 CD-2 RELEIF VENTS TO BE SET AT -100f WHICH WILL GIVE CORRIDORS A POSITIVE PRESSURE.

THERMOSTAT TO BE HONEYWELL T87F WITH LOCKING COVER, MOUNTED 4'-0" FROM FINISHED FLOOR, OR EQUAL.

ALL FIRE DAMPERS INSTALLED AS PER RUSKIN "INSTALATIONS INSTRUCTIONS" SEE SUBMITALS "TYPICAL" AT ALL FIRE RATED CEILING PENITRATIONS

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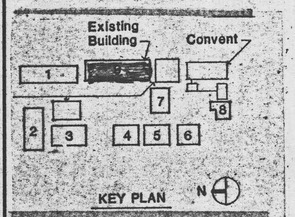
Concord, CA 94520
(510) 680-0184



Date
Job No. 1-1841.50
Drawn
Checked
Approved for the Owner
Approved for the Architect

REGISTERED PROFESSIONAL ENGINEER
EDWARD H. BLECKING
No. 15177
MECHANICAL
STATE OF CALIFORNIA

No.	Revision	Date

CALIFORNIA STATE FIRE MARSHAL
APPROVED 9/9/92

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.

REVIEWED BY

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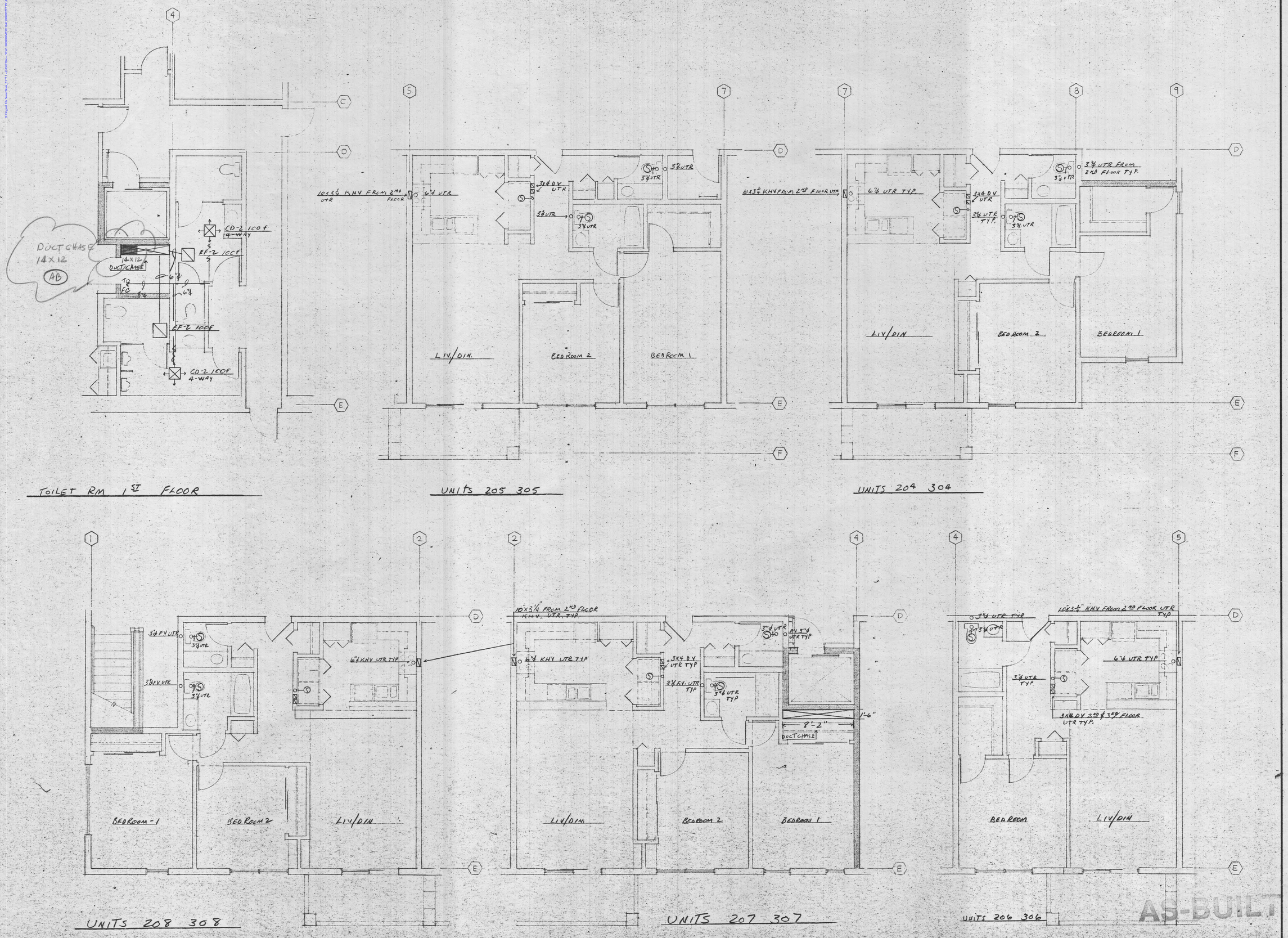
EXISTING BUILDING
UNIVERSITY OF CALIFORNIA
BERKELEY

THIRD FLOOR AND ROOF PLAN

Code #: T80 A&E #: 50364

Sheet No.
SM2.2



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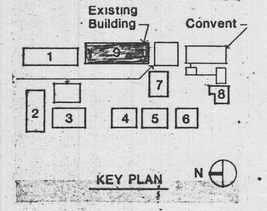

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CALIFORNIA STATE FIRE MARSHAL

APPROVED 9/9/92

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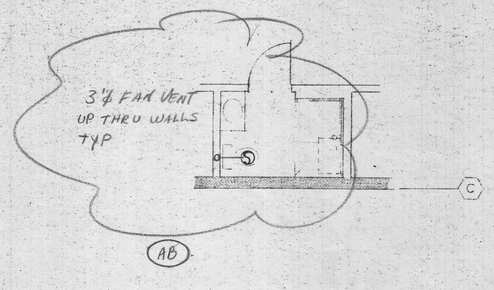
BERKELEY

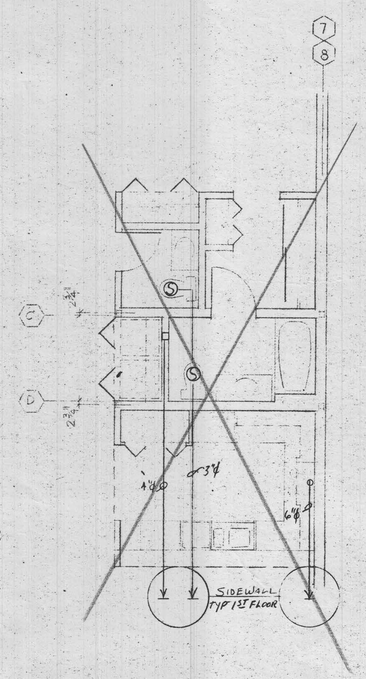
TYPICAL UNIT PLANS

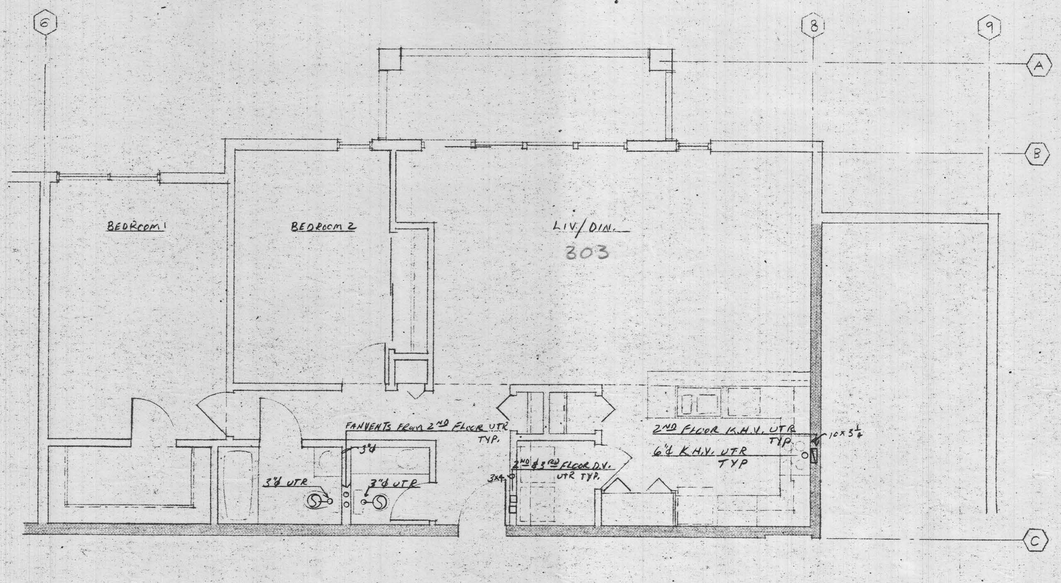
Code #: 180 A&E #: 50363

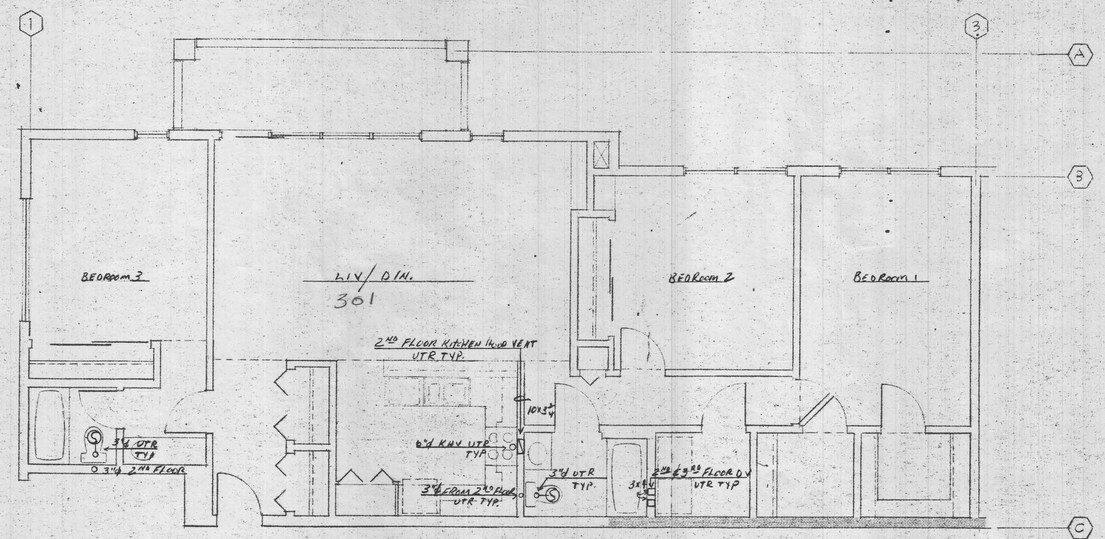
Sheet No.

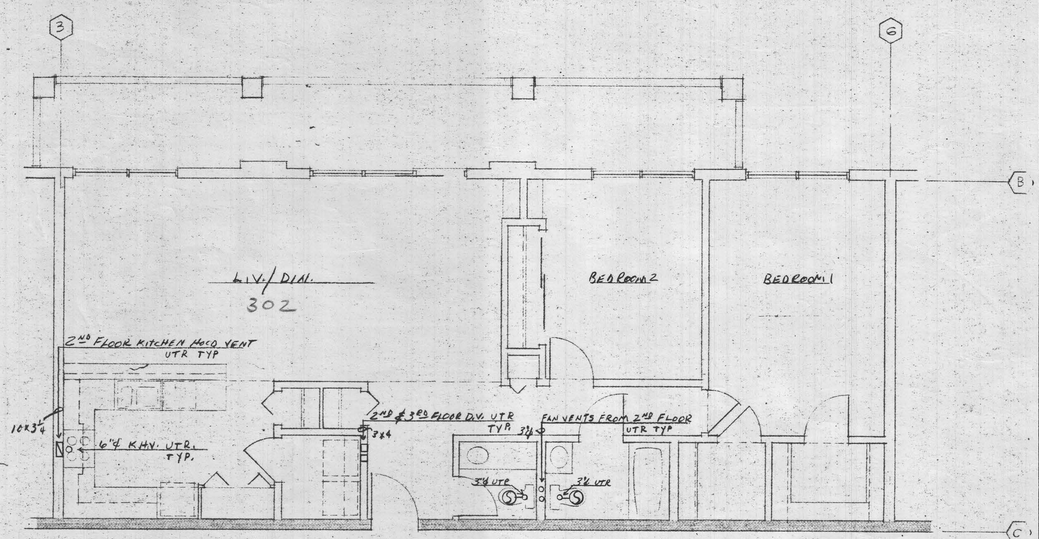
SM2.3











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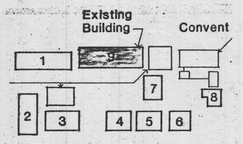

KEY PLAN N

Date

Job No. 1-1841.50

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No.	Revision	Date

CALIFORNIA STATE FIRE MARSHAL
APPROVED 9/19/95

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BERKELEY

TYPICAL UNIT PLANS

Code #: 180 A&E #: 50362

Sheet No.

SM2.4

Revised File Name: Presentation Faculty Housing - AE 050362 - Sheet 0005SM24 - Project:01184150 - Date 09-09-1995 - Title TYPICALUNITPLANS0000 - Floor NNNN.pdf

LEGEND

( )	RECORD DATA PER CITY OF BERKELEY
⊙	HYDRANT
▣	CATCH BASIN
L.H.	LAMP HOLE
C.O.	CLEAN OUT
⋈	WATER VALVE
⊘	GAS VALVE
◐	JOINT POLE
G	GRAVEL
A	ASPHALT
C	CONCRETE
P	PLANTS & SHRUBS
U	UNCULTIVATED
d	DEPTH TO TOP OF PIPE

SCALE 1" = 20'

BOUNDARY NOTE:

THE BOUNDARY SHOWN HEREON IS PER DATA DERIVED FROM A PRELIMINARY PARCEL MAP PREPARED BY BATES & BAILEY - LAND SURVEYORS - BERKELEY, CA.

PREPARED BY:

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PH: 707-462-5669

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21454 Oak St., Suite A
Castro Valley, Calif. 94546
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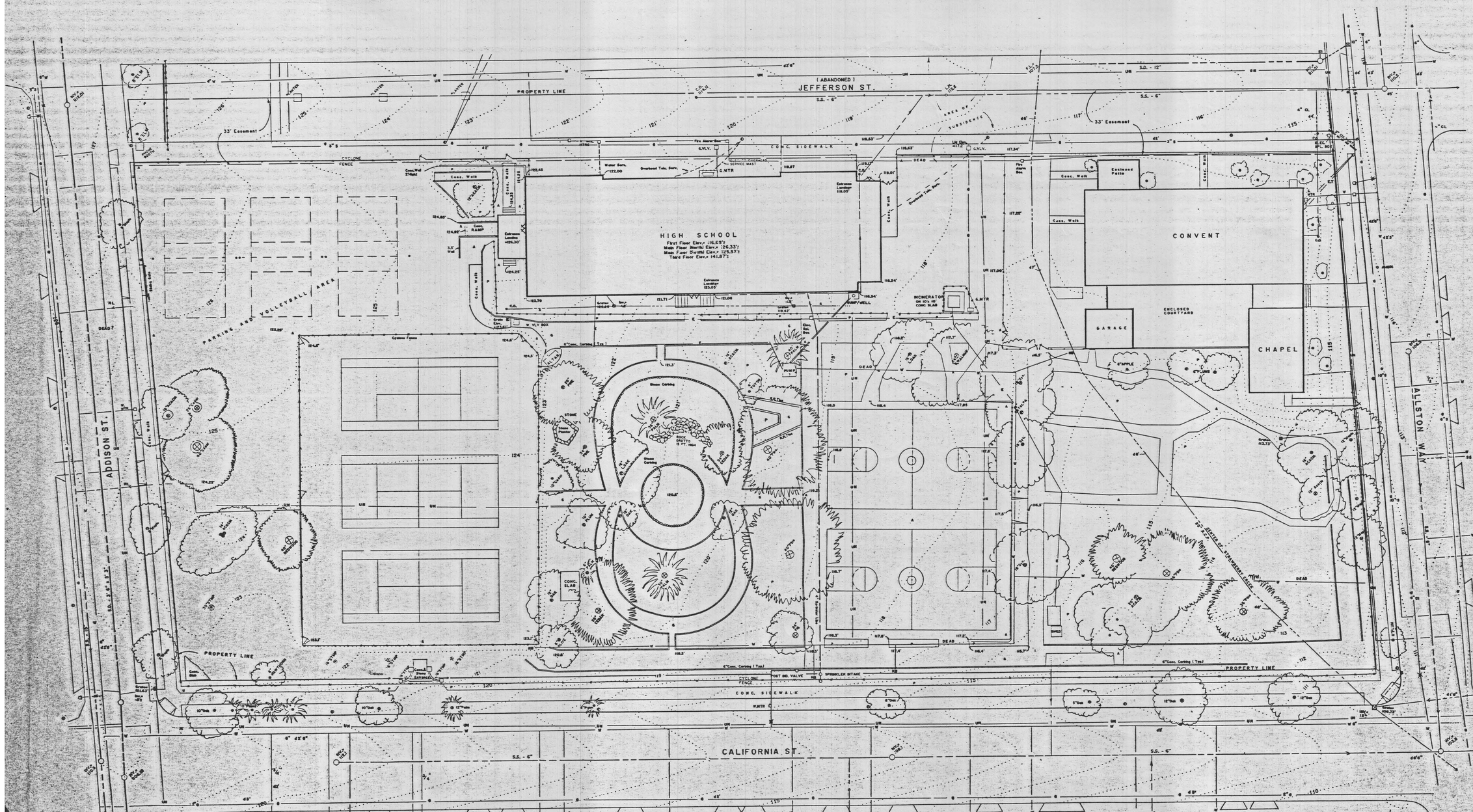
UTILITY LEGEND

—W—	WATER
—G—	GAS
—T—	TELEPHONE
—E—	ELECTRIC
—UN—	UNIDENTIFIED
----→	SANITARY SEWER
----→	STORM DRAIN
NL	NOT LOCATED, APROXIMATE AREA
CL	CLAY
S	STEEL

NOTES

1. VERTICAL DATUM PER CITY OF BERKELEY MONUMENT PIN AT ADDISON ST. AND McGEE ST. - ELEV. = 131.35.

2. THIS MAP REPRESENTS SURFACE FEATURES WHICH WERE READILY DISCERNABLE AT THE TIME OF THE SURVEY. ANY UNDERGROUND UTILITY LOCATIONS SHOULD BE VERIFIED BY PREVIOUS MAPS, EXCAVATION OR OTHER MEANS.



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Date Submitted for Construction 24 February 1992
Job No. 1-1841.50
Drawn
Checked
Approved for the Owner
Approved for the Architect

No.	Revision	Date
	COORDINATION PRINTING 27 JAN. 1992	

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BERKELEY

TOPOGRAPHY AND BOUNDARY PLAN

Code #: 180 A&E #: 51029
Sheet No.

TO.1

Plotted For Design Presentation Faculty Housing - AT 1/8"=1'-0" - Sheet 1841T01 - Project 1841A150 - Date 01-44-1997 - File: TOPOGRAPHYANDBOUNDARY.dwg - User NNNN.pdf