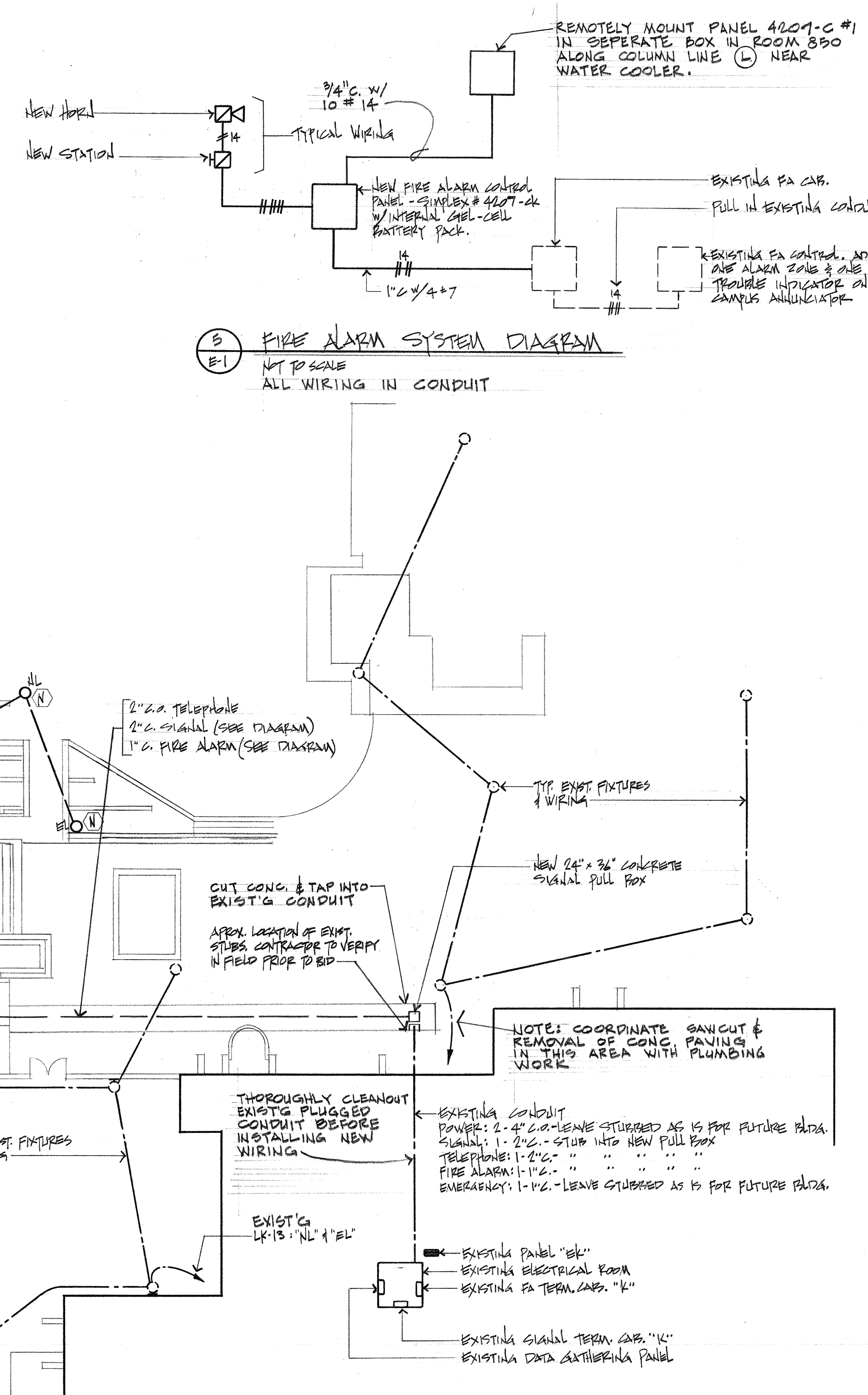
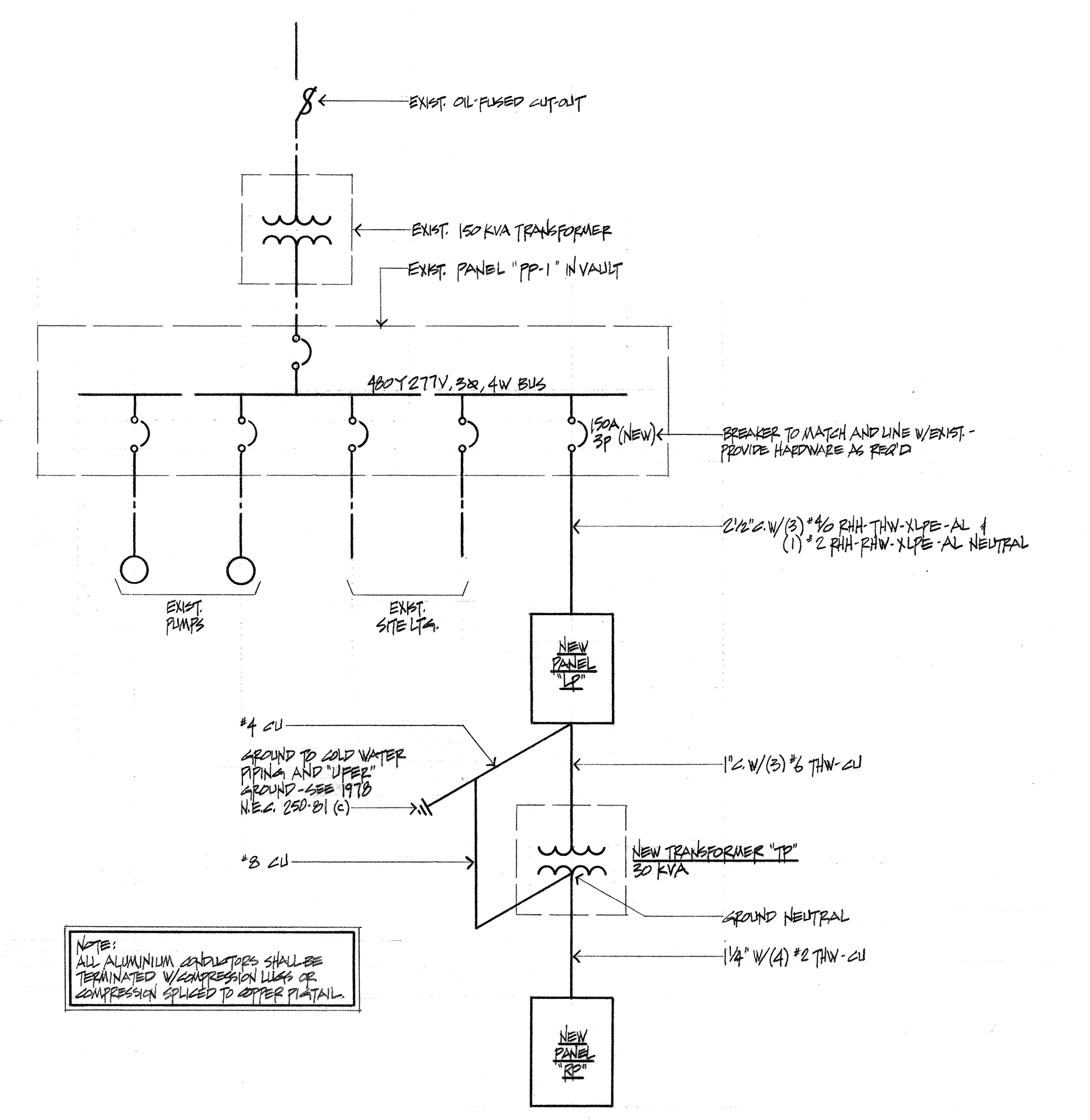


**1 ELECTRICAL SITE PLAN**  
SCALE: 1/8" = 1'-0"

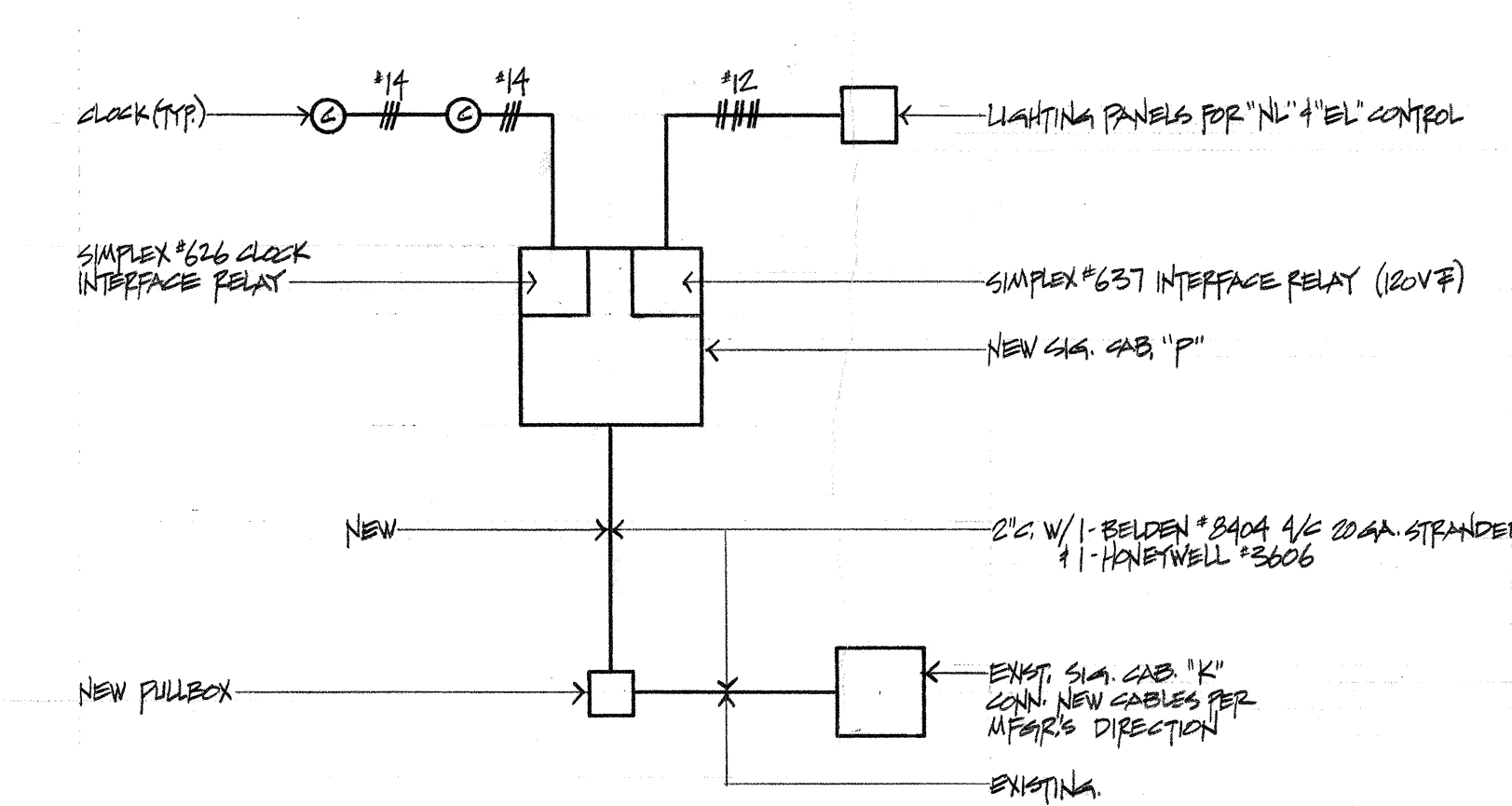


**2 FIRE ALARM SYSTEM DIAGRAM**  
NOT TO SCALE  
ALL WIRING IN CONDUIT

- SYMBOL LIST**
- FLUORESCENT FIXTURE - SHOWN APPROXIMATELY TO SCALE
  - ⊙ CEILING OUTLET - ⊙ INDICATES FIXTURE TYPE, "3" INDICATES CIRCUIT, "0" INDICATES SWITCH CONTROL
  - WALL OUTLET - WITH OR WITHOUT INDICATIONS ABOVE
  - ⊙ OUTLET FOR CLUSTER OF LAMPS - ARROWS INDICATE NUMBER AND APPROXIMATE DIRECTION OF LAMPS
  - LIGHTING FIXTURE TYPE IDENTIFICATION SYMBOL
  - ⊙ SPST WALL SWITCH - SIERRA #5071, "0" INDICATES CONTROL (NOTE #1)
  - ⊙ 3-WAY WALL SWITCH - SIERRA #5073 (NOTE #1)
  - ⊙ 4-WAY WALL SWITCH - SIERRA #5074 (NOTE #1)
  - ⊙ DIMMER SWITCH - LUTRON "NOVA", SIZE AS SHOWN
  - ⊙ KEYSwitch - SIERRA #5071 (NOTE #1)
  - ⊙ SWITCH WITH PILOT LIGHT - SIERRA #5077
  - ⊙ 3-WAY SWITCH WITH JEWELLED PILOT SIERRA 5013BK WITH 2156 AND 406R ON 2 GANG PLATE
  - ⊙ DISCONNECT SWITCH - MOTOR RATED; G.E., WESTINGHOUSE OR I.T.E.; FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. "F" INDICATES SWITCHES TO BE FURNISHED WITH DUAL ELEMENT FUSES SIZED ACCORDING TO NAMEPLATE DATA ON EQUIPMENT INSTALLED.
  - ⊙ FAN CONNECTION - PROVIDE MOTOR RATED DISCONNECT SWITCH AT UNIT
  - ⊙ JUNCTION BOX - CEILING OR WALL MOUNTED, SIZE TO CODE. TAP AND TAG WIRES. PROVIDE FLEX AND/OR RECEPTACLE AS REQUIRED TO CONNECT EQUIPMENT.
  - ⊙ RECEPTACLE, DUPLEX - SIERRA #1800 (NOTE #1)
  - ⊙ RECEPTACLE, WP DUPLEX WITH CLASS "A" GFCI PROTECTION - PASS AND SEYMOUR #1591-66 WITH #4600 ENCLOSURE
  - ⊙ GFCI DUPLEX RECEPTACLE - PASS AND SEYMOUR #1591
  - ⊙ PLUG-IN STRIP - PLUGMOLD #2000 WITH 20A, 125V GROUNDED RECEPTACLES @ 18" O.C. ON ALTERNATE CIRCUITS.
  - ⊙ FLUSH FLOOR RECEPTACLE HUBBELL #B-2588 WITH #5-3925 CO/VER AND #5-6790 RECEPTACLE
  - ⊙ FLUSH FLOOR TELEPHONE OUTLET HUBBELL #B-2588 WITH #5-2725 COVER.
  - ⊙ TELEPHONE WALL OUTLET - SIERRA #5-11 (NOTE #1)
  - ⊙ INTERCOM SPEAKER - LOWELL #9875X BACKBOX WITH 1C-105 GRILLE AND RAULAND #902-B SPEAKER.
  - ⊙ FLUSH FLOOR BOX FOR INTERCOM HEAD END, HUBBELL #B-2580 BOX WITH #5-2525.
  - ⊙ 12" SQUARE SYNCHRONOUS - WIRED INDICATING CLOCK SIMPLEX #82-45 WITH #5928 BOX.
  - ⊙ FIRE ALARM BREAK GLASS STATION @+5'-0"
  - ⊙ FIRE ALARM HORN - SINGLE PROJECTION, FLUSH
  - ⊙ TERMINAL CABINET - SURFACE OR FLUSH MOUNTED WITH VARNISHED PLYWOOD BACKBOARD
  - ⊙ PANELBOARD - SURFACE OR FLUSH MOUNTED
  - ⊙ CONDUIT - CONCEALED IN WALLS OR CEILING; 1/2" WITH (2) #12 AWG WIRES UNLESS OTHERWISE NOTED
  - ⊙ CONDUIT - IN OR BELOW FLOOR; 1/2" WITH (2) #12 AWG WIRES UNLESS OTHERWISE NOTED
  - ⊙ FLEX CONDUIT WITH CONNECTION
  - ⊙ CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC.; HAFS MARKS INDICATE NUMBER OF WIRES. "F10" INDICATES WIRE SIZE, SIZE CONDUIT TO CODE
  - DENOTES ROOM NUMBER - SEE SCHEDULE FOR ROOM NAME
  - SHEET REFERENCE SYMBOL - SEE ASSOCIATED NOTE
  - ⊙ CONDUIT ONLY - INSTALL #12 GALVANIZED PULL WIRE OR 1/8" DIAMETER NYLON ROPE
  - ⊙ EQUIPMENT OF WEATHERPROOF CONSTRUCTION
  - ⊙ NIGHT LIGHT
  - ⊙ EXTERIOR LIGHT
  - ⊙ FUTURE MIKE OUTLET, 4500 BOX W/1" SANK RING & PLATE
  - ⊙ SIMILAR TO STANDARD INTERCOM SPEAKER W/LOWELL GALK-B GRILLE



**3 SINGLE-LINE DIAGRAM**  
NOT TO SCALE



**4 CLOCK & UTILITY CONTROL DIAGRAM**  
NOT TO SCALE

**Notes cont.:**

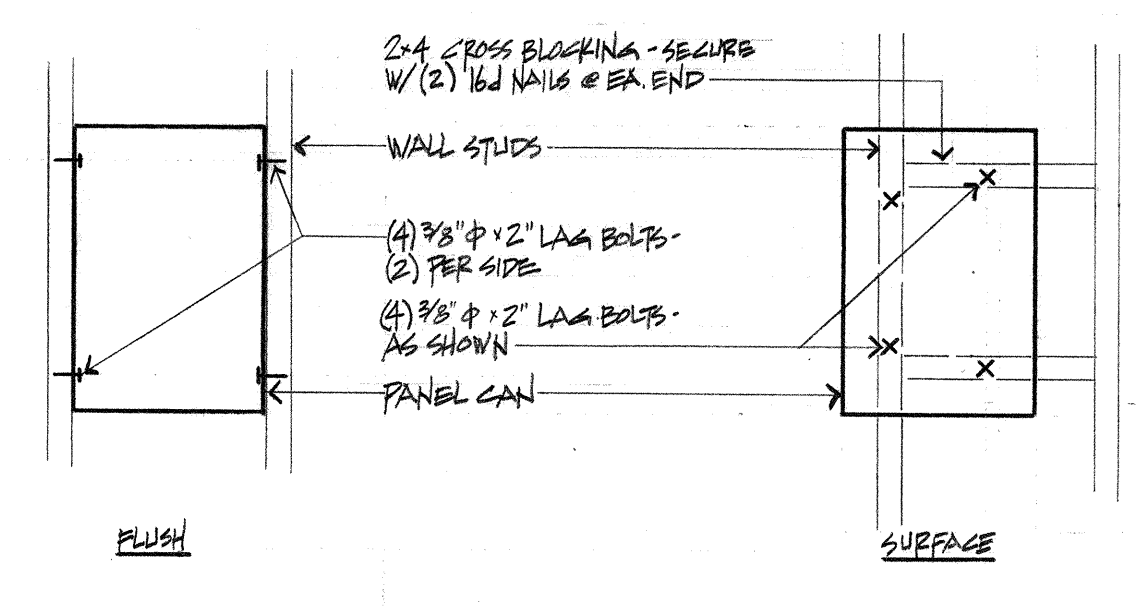
13. CERTAIN TYPES OF EQUIPMENT USED IN THIS PROJECT HAVE BEEN TRADITIONALLY LONG DELIVER ITEMS. THESE ITEMS INCLUDE BUT ARE NOT LIMITED TO:

A. THE LIGHTING FIXTURES  
B. THE WIRING DEVICES

THESE ITEMS SHALL BE ORDERED IMMEDIATELY ON RECEIPT OF CONTRACT AND RELEASED FOR SHIPMENT IMMEDIATELY ON RECEIPT OF APPROVED SHOP DRAWINGS. ALL WAREHOUSING AND MATERIAL HANDLING COSTS SHALL BE PART OF THE CONTRACT. SEE GENERAL CONDITIONS FOR EARLY PAYMENT OF STORED MATERIALS.

THE CONTRACTOR SHALL KEEP COMPLETE AND ACCURATE DOCUMENTATION AS TO DATES EQUIPMENT WAS ORDERED, DATES EQUIPMENT WAS RELEASED FOR PRODUCTION AND SHIPPING COMMITMENTS BY MANUFACTURERS. ALL DOCUMENTATION SHALL BE AVAILABLE TO THE ARCHITECT ON REQUEST.

- NOTES:**
- ALL DEVICE PLATES SHALL BE SIERRA "SMOOTH-LINE" STAINLESS STEEL; ALL DEVICES SHALL BE BLACK; GANGED PLATES SHALL BE USED AT ALL MULTIPLE DEVICE LOCATIONS.
  - ALL WALL SWITCHES SHALL BE MOUNTED AT +52" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. ALL RECEPTACLES SHALL BE MOUNTED AT +12" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
  - A FIXTURE THAT WEIGHS MORE THAN SIX POUNDS OR EXCEEDS 16" IN ANY DIMENSION SHALL NOT BE SUPPORTED BY THE SCREW SHELL OF A LAMPHOLDER. A FIXTURE THAT WEIGHS MORE THAN FIFTY POUNDS SHALL BE SUPPORTED INDEPENDENTLY OF THE OUTLET BOX.
  - SURFACE MOUNTED FLUORESCENT FIXTURES INSTALLED ON LOW DENSITY COMBUSTIBLE TILE CEILING SHALL BE BACKED WITH A NON-COMBUSTIBLE TILE SET IN PLACE OF CEILING TILE, BY ELECTRICAL CONTRACTOR UNLESS THE FIXTURE IS APPROVED FOR DIRECT MOUNTING.
  - ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHTING FIXTURES.
  - ALL PANELBOARDS AND TERMINAL CABINETS SHALL BE MOUNTED AT +6'-0" TO TOP OF TRIM UNLESS OTHERWISE NOTED.
  - EACH CIRCUIT BREAKER IN EVERY PANELBOARD FOR FLUORESCENT OR MERCURY VAPOR LIGHTING SHALL HAVE AN INDIVIDUAL LOCK-OUT DEVICE.
  - CONTRACTOR SHALL COORDINATE EXACT LOCATION & HEIGHT OF ALL DEVICES WITH APPROVED CABINETRY DRAWINGS PRIOR TO ROUGH-IN.
  - ALL CONNECTIONS TO ELECTRICAL OR MECHANICAL EQUIPMENT ON ROOF SHALL BE MADE WITH 24" WEATHERPROOF FLEXIBLE CONDUIT (MINIMUM) TO PREVENT SOUND TRANSMISSION TO STRUCTURE.
  - COLOR CODES ARE TO APPLY TO ALL CONDUCTORS OF THE RESPECTIVE SYSTEMS BRANCH AND FEEDER CIRCUITS INCLUDING PANEL AND SWITCHGEAR LUGS OR LANDINGS.
- SYSTEMS COLOR CODES SHALL BE AS FOLLOWS:**
- |         | 400Y 277V 3PHASE, 4W | 280Y 120V 3PHASE, 4W |
|---------|----------------------|----------------------|
| A PHASE | BROWN                | BLACK                |
| B PHASE | ORANGE               | RED                  |
| C PHASE | YELLOW               | BLUE                 |
| NEUTRAL | WHITE                | WHITE                |
- ALL EQUIPMENT SHALL BE SECURELY FASTENED TO PREVENT FALLING. SUPPLIES OF OVERTRIPPING DURING AN EARTHQUAKE. ANCHORAGE OF EQUIPMENT FOR WHICH SPECIFIC DETAILING ARE NOT SHOWN ON THESE PLANS MUST BE ADEQUATE TO RESIST THE FORCES BASED ON THE REQUIREMENTS OF SEISMIC ANALYSIS MUST BE APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE C.S.A. FIELD ENGINEER.
  - INSTALLATION OF THE FIRE PREVENTIVE SMOKE/HEAT SENSING SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS & SPECIFICATIONS, INCLUDING STATE FIRE MARSHAL LETTER NUMBER FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY THE STATE FIRE MARSHAL. THIS APPROVAL SHALL BE OBTAINED BY THE CONTRACTOR.



**5 TYP. PANELBOARD AREA DETAIL**  
NOT TO SCALE

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ARCHITECT: **COMETTA AND CIANFICHI**  
3516 MACDONALD AVENUE, RICHMOND, CALIF. 94781  
CONTRACT NO. 1200

STRUCT. ENGINEER: **COMETTA AND CIANFICHI**  
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CONTRACT NO. 1200

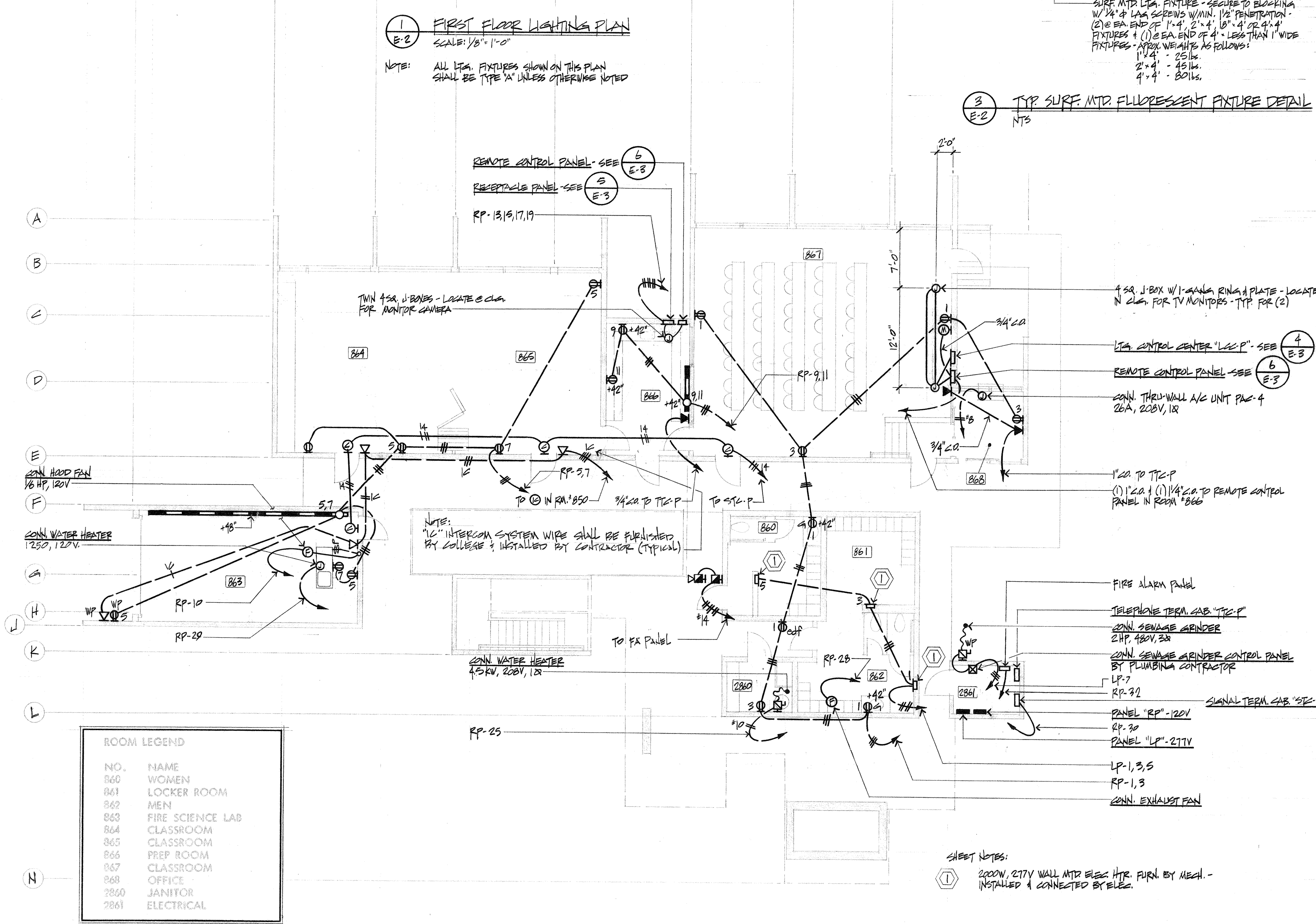
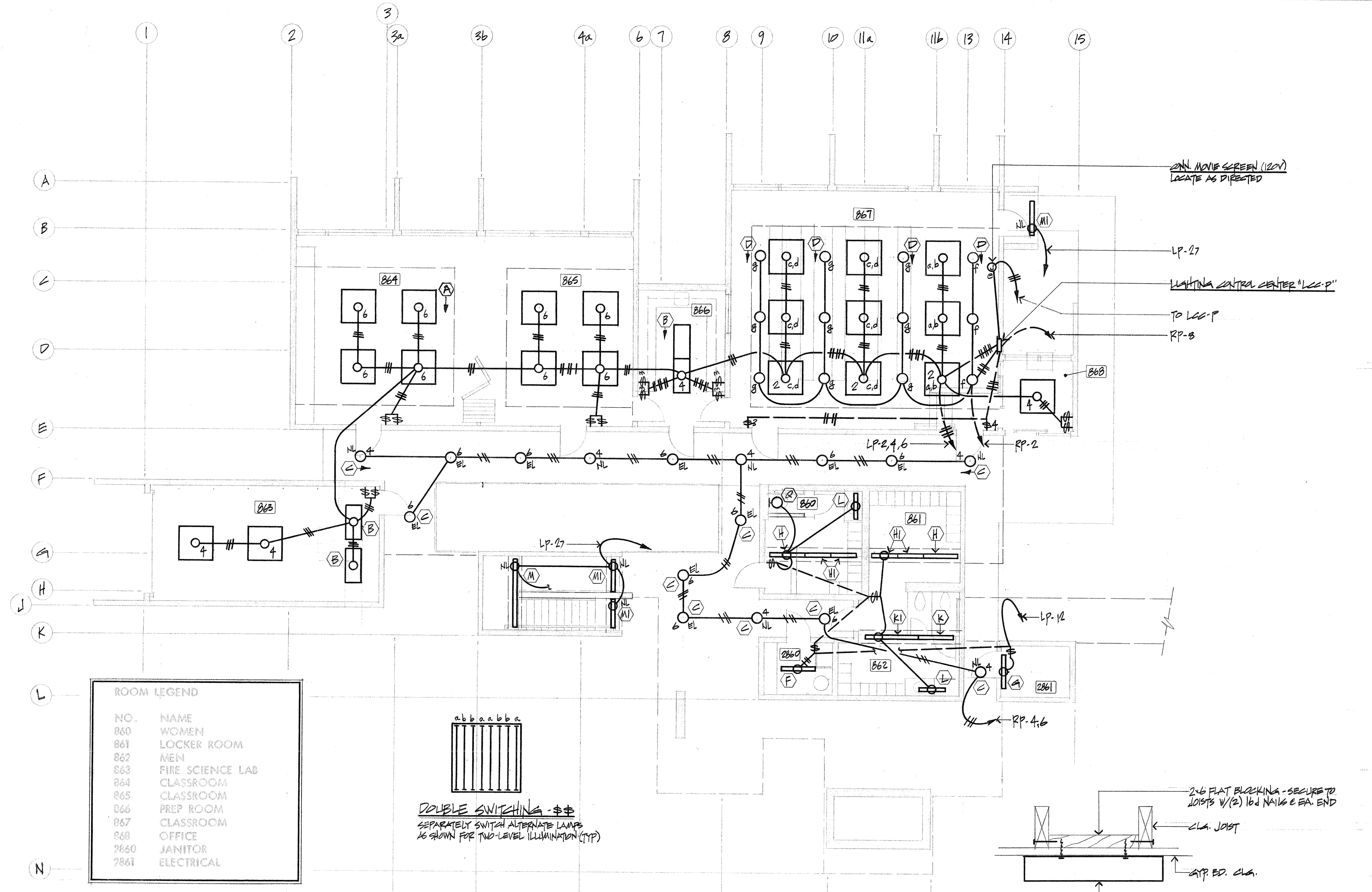
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DATE REV. **JULY 20, 1978**

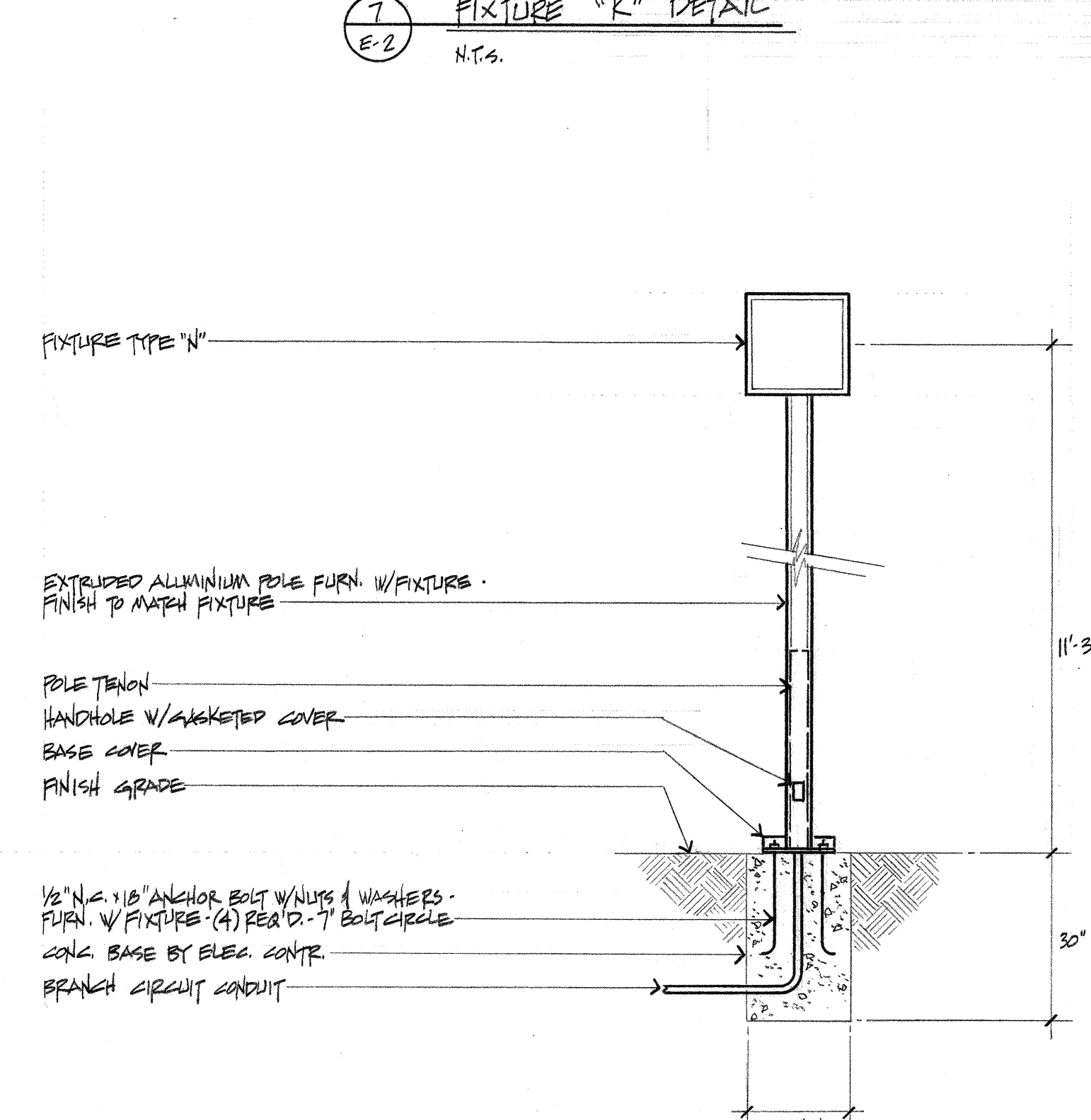
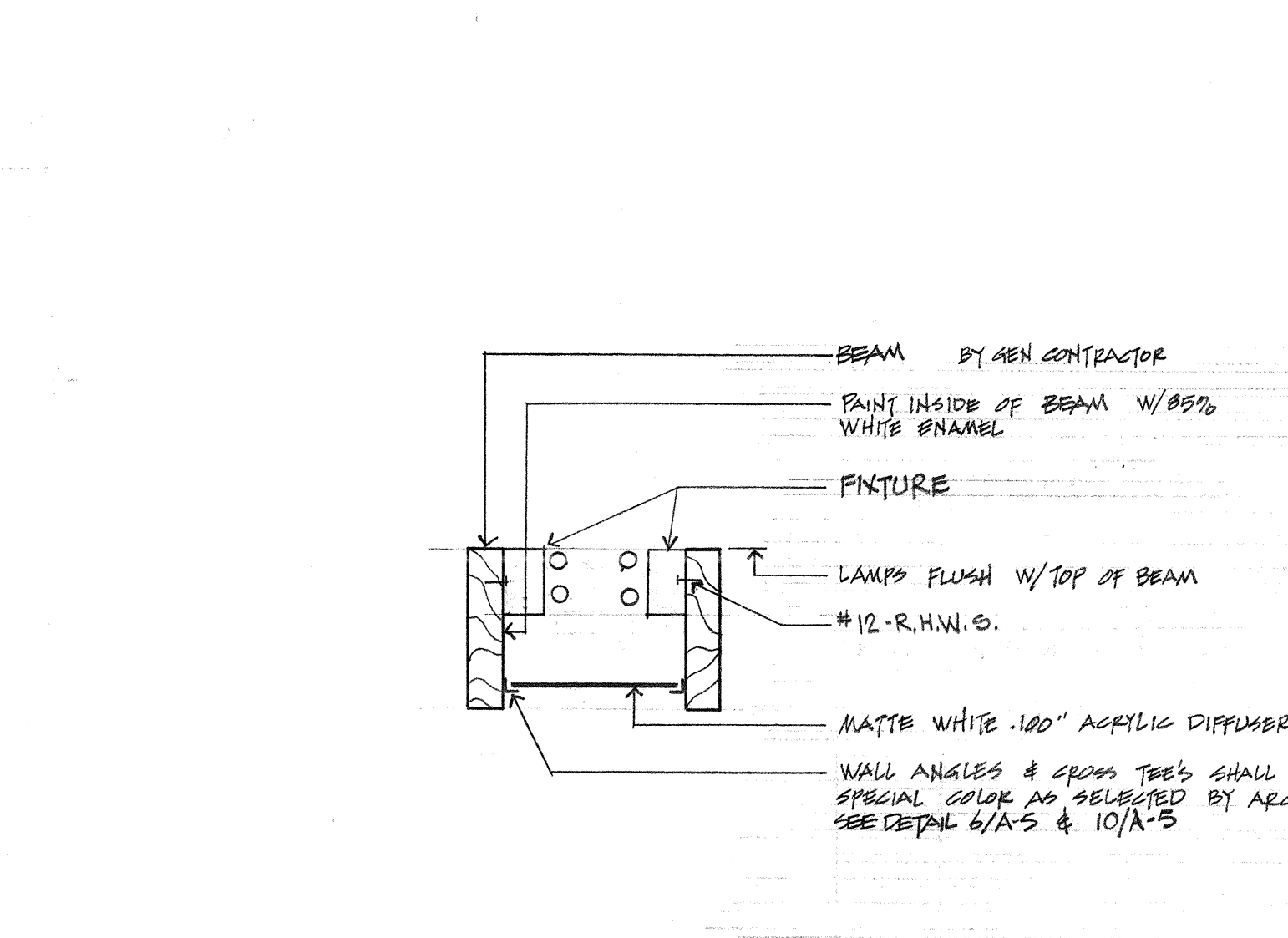
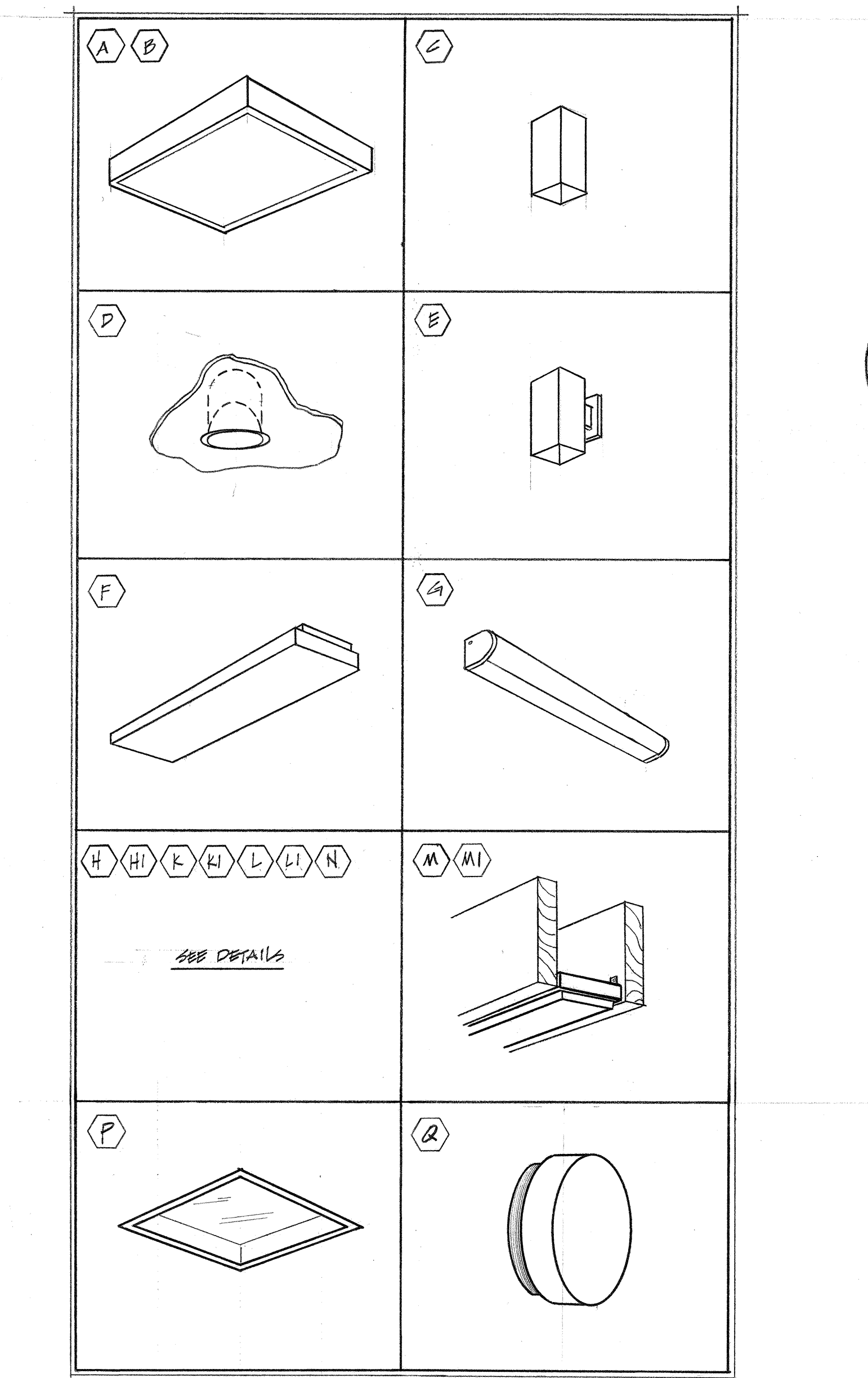
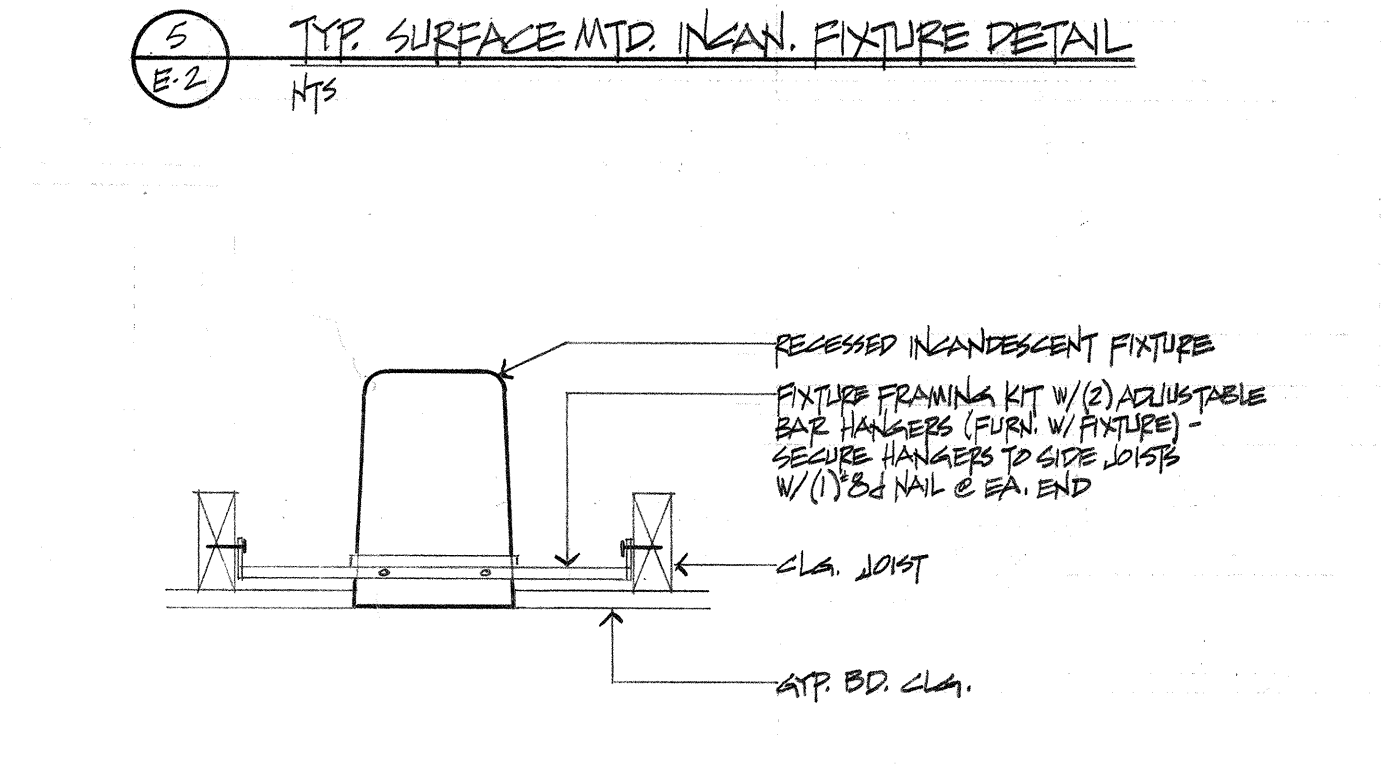
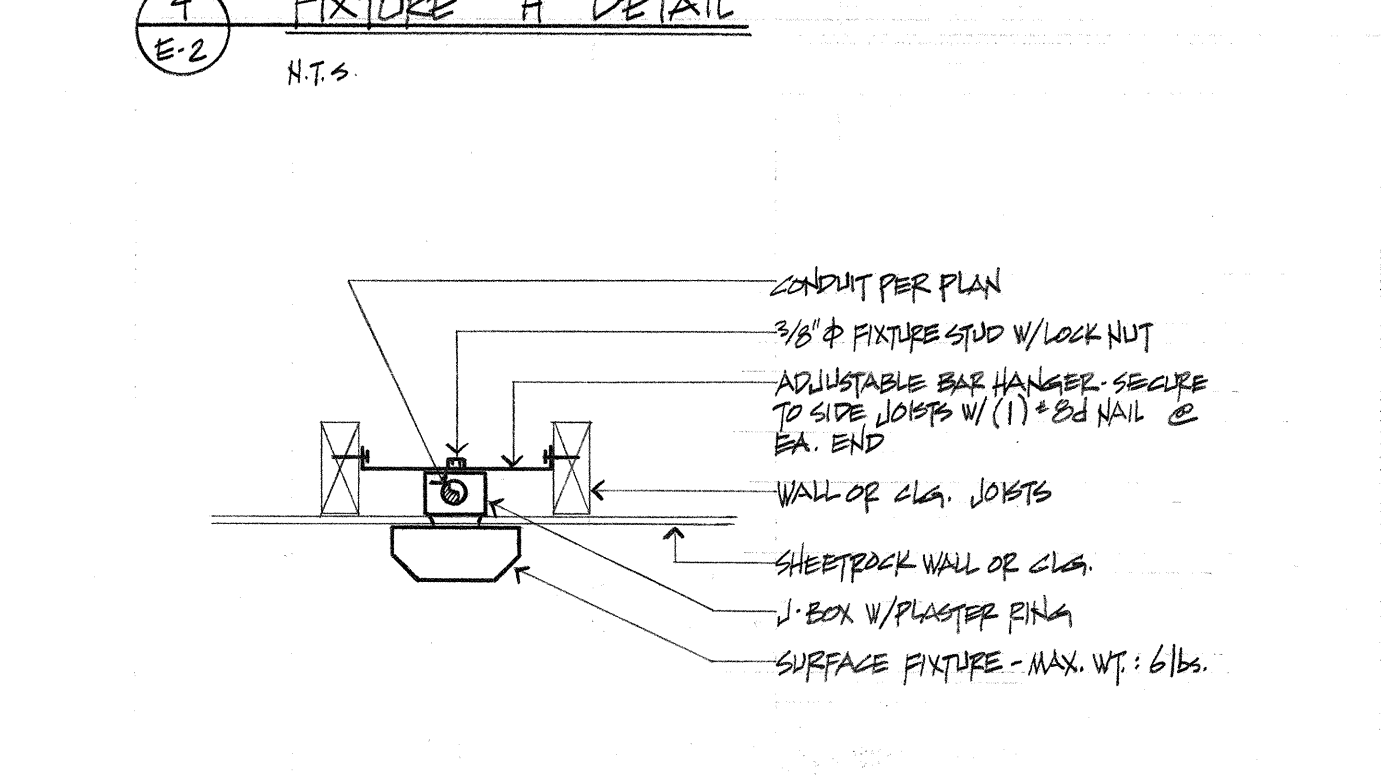
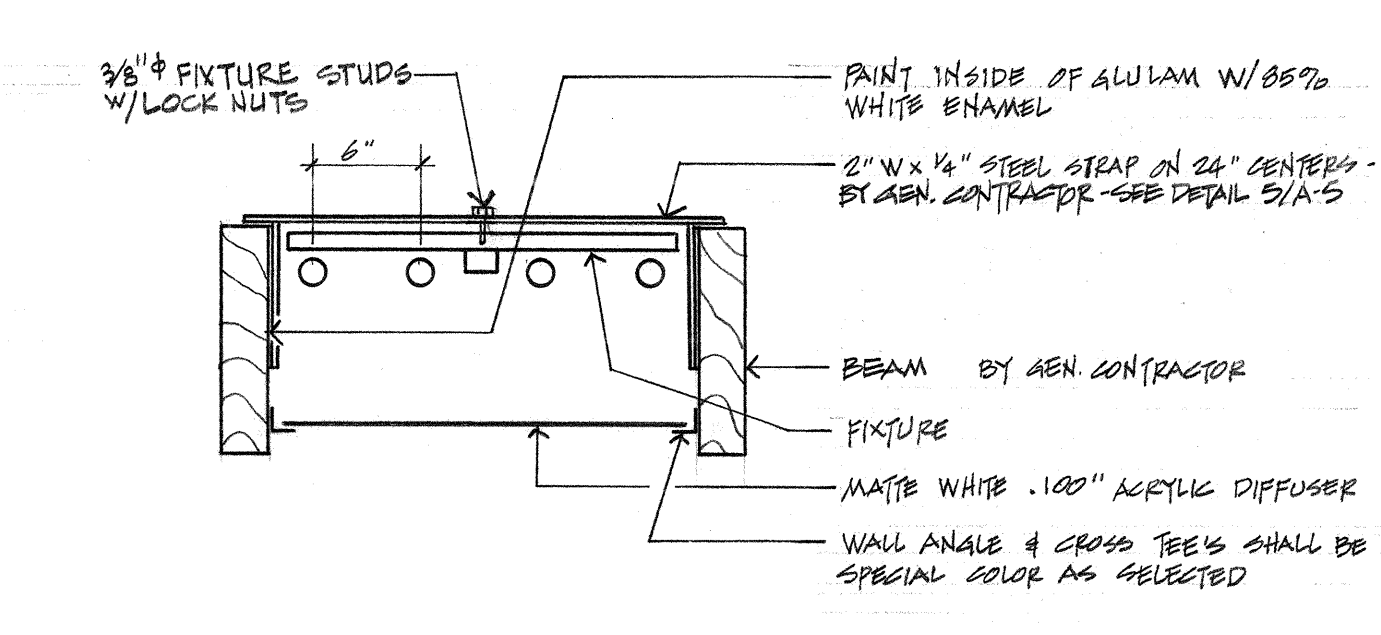
JOB NO. **290-78**

SHEET **31-8**





FIXTURE SCHEDULE			
TYPE	MANUFACTURER	LAMPS	REMARKS
A	GLOBE #107-8425-48-777-1 OR WELLMADE #144, RFGA-84890 5P-DLTV	8-F40/CW	4" x 4" SURFACE WITH FLAT WHITE ACRYLIC IN HINGED AND LATCHED REGRESSED DOOR. EXTERIOR BODY AND TRIM SHALL BE SPECIAL COLOR AS SELECTED BY ARCHITECT TO MATCH GAMMUS STANDARD.
B	GLOBE #107-8425-48-777-1 OR WELLMADE #124 RFGA-84890-5P-DLTV	4-F40/CW	4" x 4" SURFACE WITH FLAT WHITE ACRYLIC IN HINGED AND LATCHED REGRESSED DOOR. EXTERIOR BODY AND TRIM SHALL BE SPECIAL COLOR AS SELECTED BY ARCHITECT TO MATCH GAMMUS STANDARD.
C	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 943L 9P-DL	150PAR/FL 150V	6" SQUARE SURFACE QUADRILLE SPECIAL COLOR AS SELECTED BY ARCHITECT.
D	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	150PAR/FL 150V	7-3/8" DIAMETER x 12" DEEP RECESSED WITH BLACK ALZAK CONE
E	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1200B-9P-DL	150PAR/FL 150V	6" SQUARE WALL BRACKET x QUADRILLE SPECIAL COLOR AS SELECTED BY ARCHITECT.
F	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	2-F40/CW	48" LONG 2 TUBE ACRYLIC WRAPAROUND SEE 3/E-2 FOR CONN.
G	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	2-F40/CW	48" LONG 2 TUBE WALL MOUNTED WRAPAROUND, SEE 3/E-2 FOR CONN.
H	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	4-F40/CW	48" LONG LADDER FIXTURE SEE DETAIL.
I	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	4-F30T1/2/CW	36" LONG SIMILAR TO "H"
J	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	6-F40/CW	48" STRIPS MOUNTED BACK TO BACK SEE DETAIL.
K	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	12-F30T1/2/CW	72" LONG SIMILAR TO "K"
L	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	2-F40/CW	36" LONG STRIP MOUNTED IN VAULTS - SEE DETAIL 8/A/9
M	GARDCO #KEG9409/10-7304895-777/1	4-F40/CW	97-3/16" LONG (APOS TIGHT) FIXTURE MOUNTED BETWEEN BEAMS. SEE ARCHITECTURAL DETAILS 3/A-5
M1	GARDCO #KEG9409/10-7304895-777/1	2-F40/CW	48-9/16" LONG SIMILAR TO "M" SEE ARCHITECTURAL DETAIL 3/A-5
N	GARDCO #A-901A-175M-1-5-58-777/1	479W MERCURY VAPOR DELUXE WHITE	SEE POST LIGHT DETAIL
P	LIGHTOLIER #150PAR/FL 150V OR PRESOLITE 1220-972	150W A-21 150V	9" SQUARE x 5/8" DEEP RECESSED 1/4" BEARING BEZEL FINISHED SPECIAL COLOR AS SELECTED BY ARCHITECT
Q	LITE CONTROL #1741036-58-57TV	FC12T9/CW	16 1/2" DIA. PLASTIC DOME MOUNTED AS SHOWN ON MECH. ELEVATION. SEE 3/E-2 FOR CONN.



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NO. 703

OFFICE OF THE STATE ARCHITECT  
STRUCTURAL SAFETY SECTION  
APPROVED  
41093  
APR 12 1970  
STATE ARCHITECT  
CONTRACT REGION

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APR 12 1970  
STATE ARCHITECT  
CONTRACT REGION

COMETTA AND CIANFICHI  
3516 RICHMOND CALIF. 94609  
CONNER, CROSSEN & FINANCE  
1200 COSTA BLVD. COSTA MESA, CALIF. 92626  
J. A. COMETTA ARCHITECT  
P. D. CIANFICHI ARCHITECT  
ASSOCIATED ARCHITECTURAL FIRMS P. W. CONER

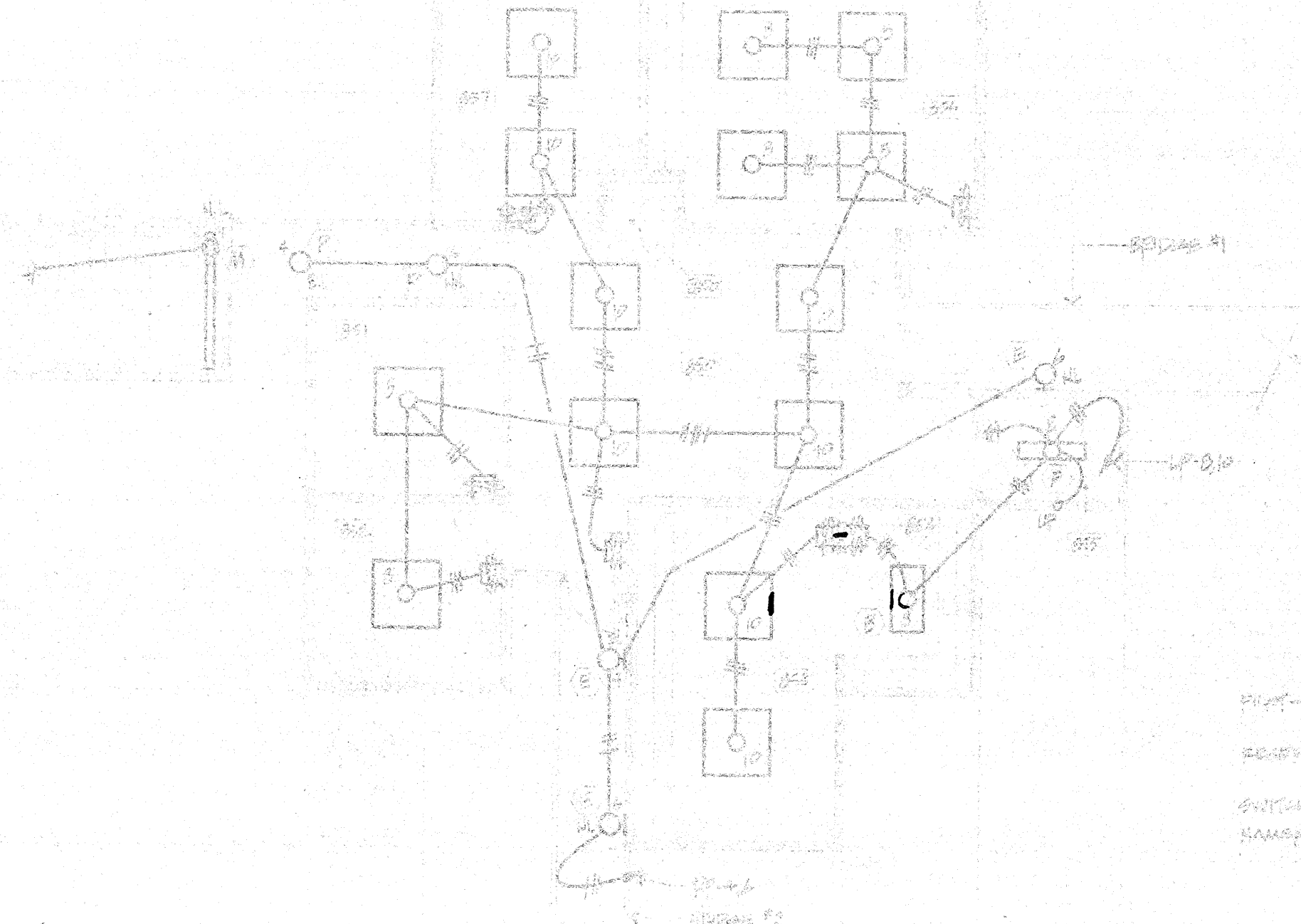
FIRST FLOOR PLANS, FIXTURE SCHEDULE DETAILS  
ADMINISTRATION OF JUSTICE TRAINING CENTER  
LOS MEDANOS COLLEGE  
PITTSBURG CALIFORNIA

SHEET  
OF 21  
DATE REV. JULY 20 1978  
MARCH 29, 1978  
JOB No. 790-70

**SYMBOL LEGEND**

TL	TRAMP
DC	DISCONNECT SWITCH
SW	SWITCH
CB	CIRCUIT BREAKER
DR	DRY CONTACT
TR	TRANSFORMER
LD	LOAD
SP	SIGNAL
PL	PLUG
TR	TRANSFORMER

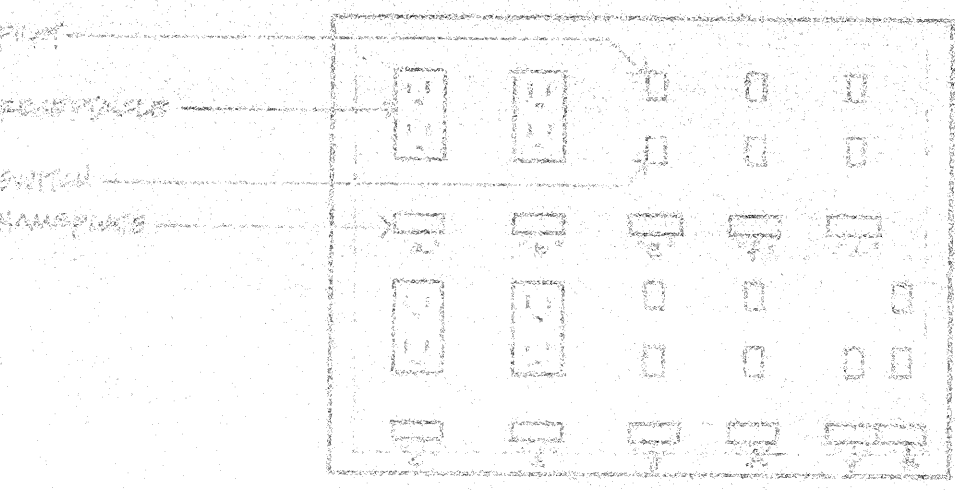
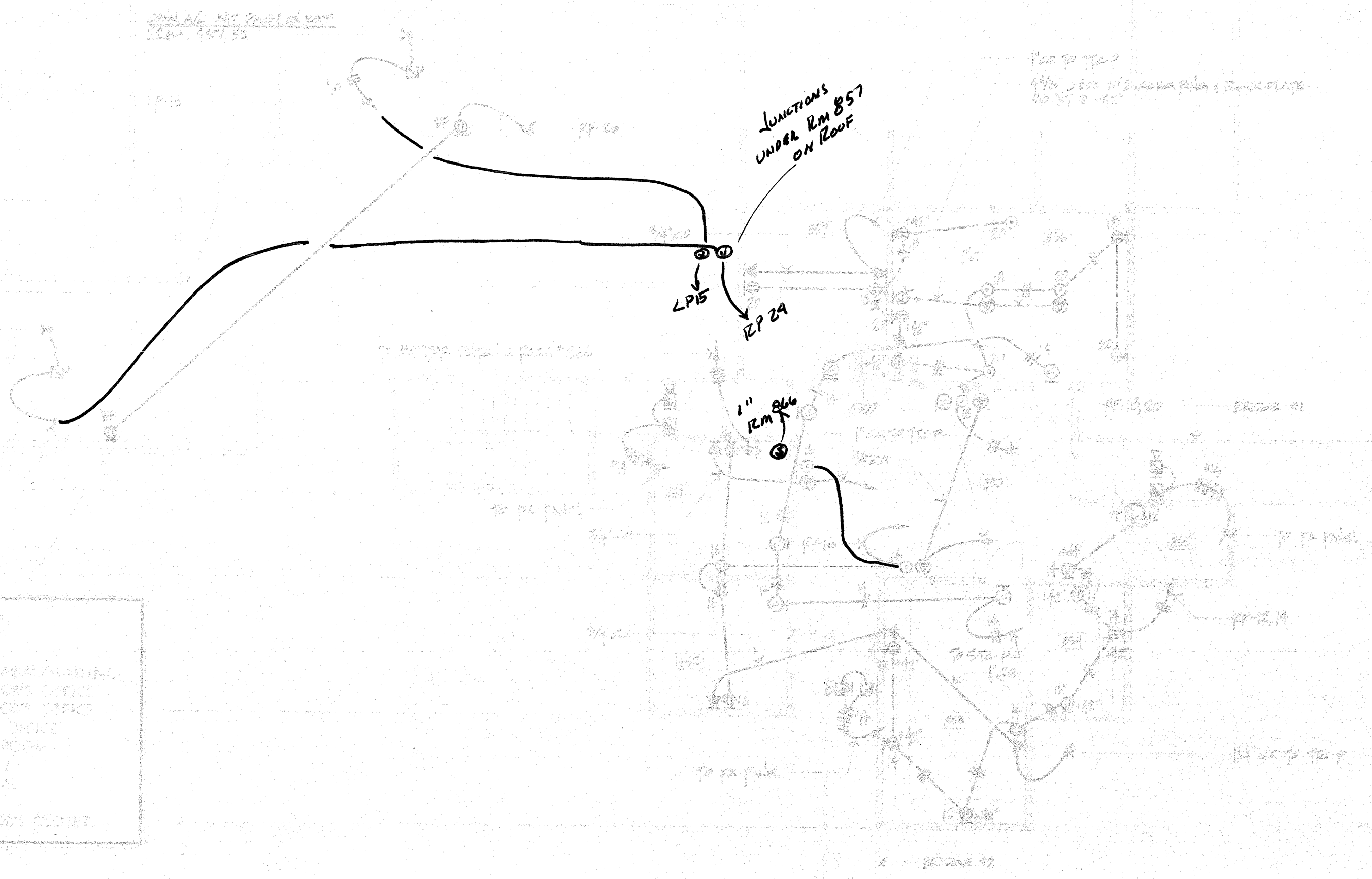
**SECOND FLOOR LIGHT PLAN**  
SCALE 1/8" = 1'-0"



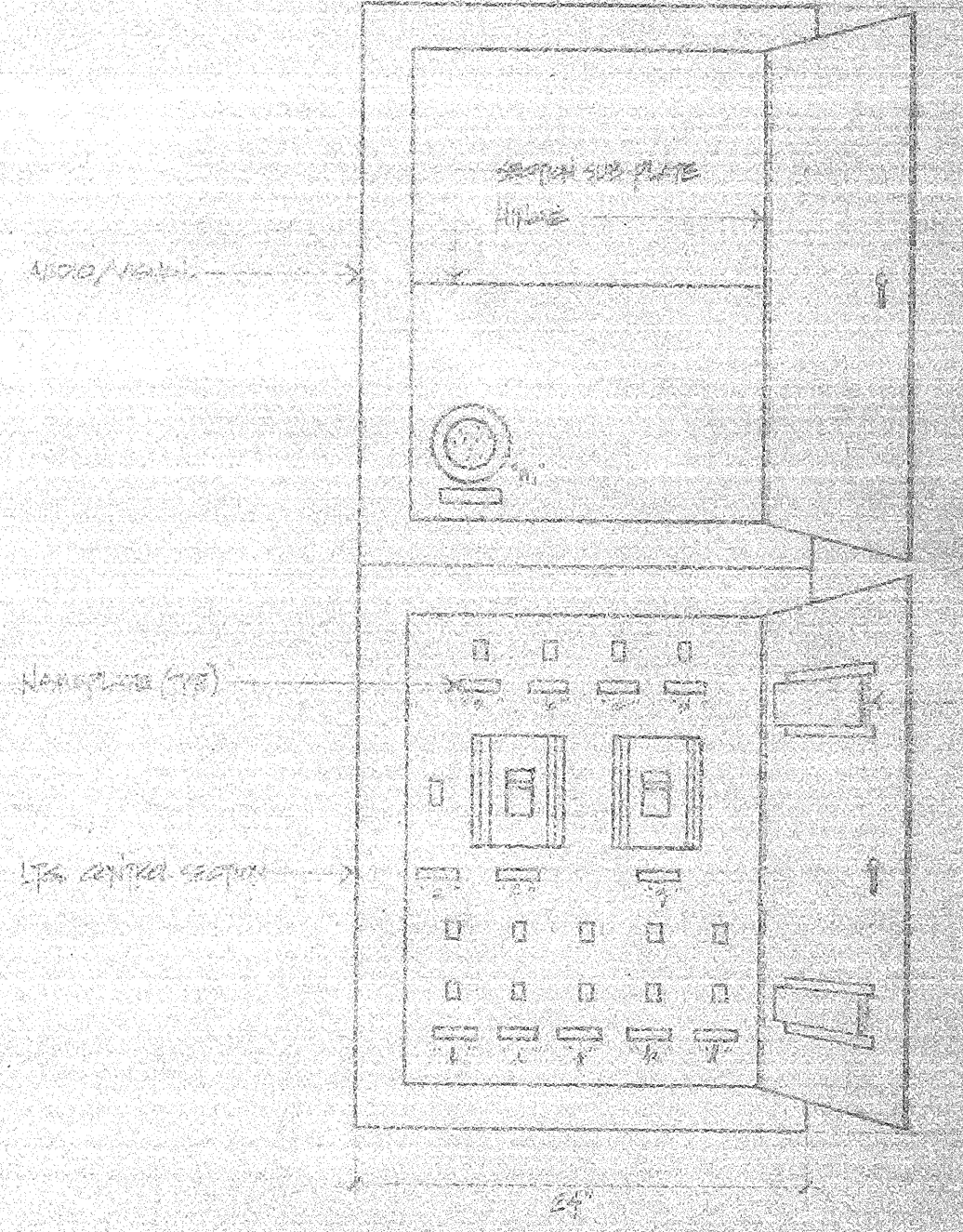
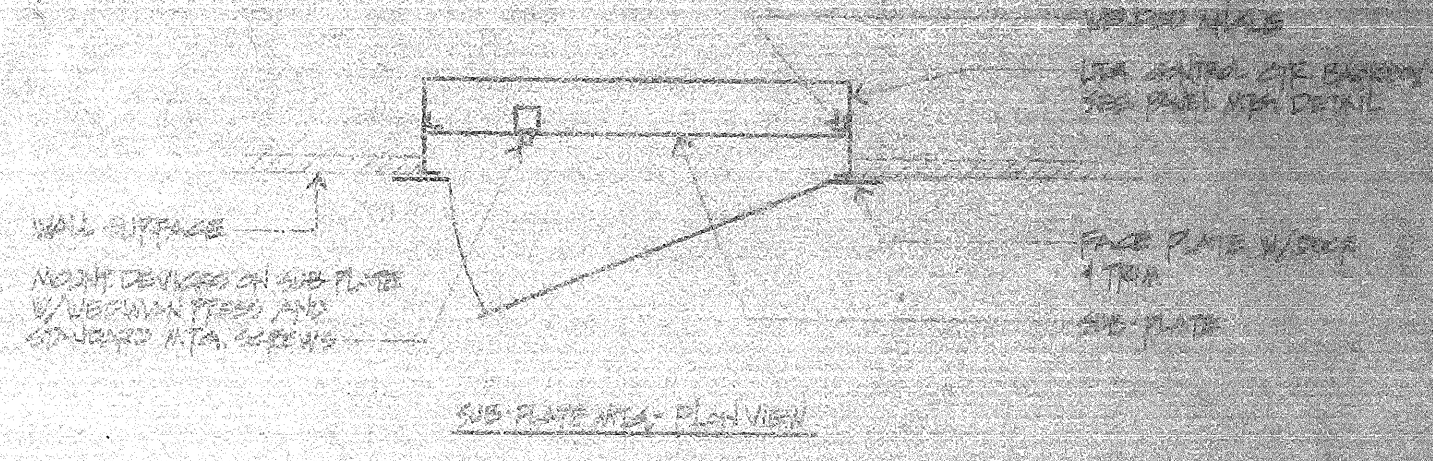
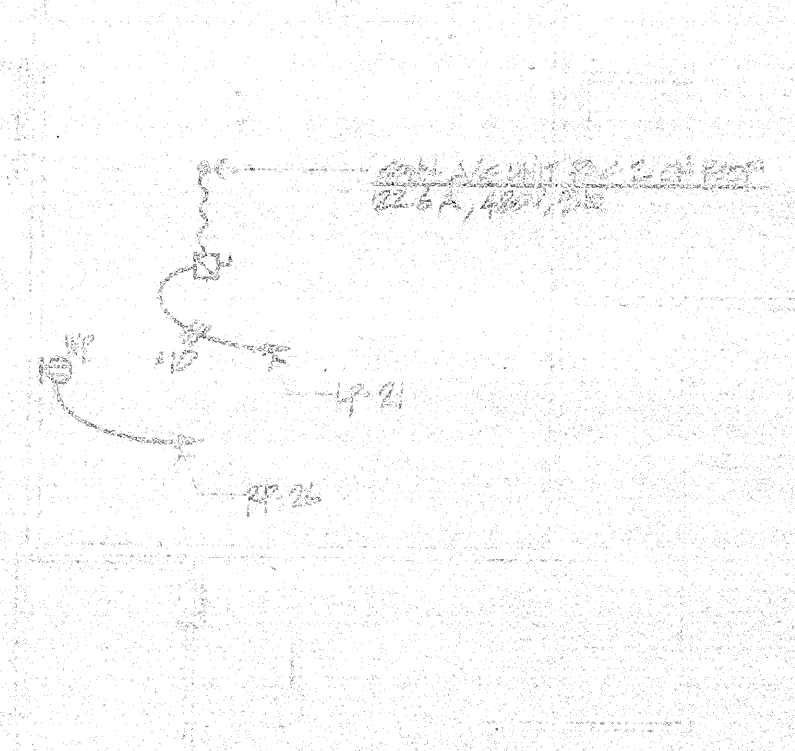
**SYMBOL LEGEND**

TL	TRAMP
DC	DISCONNECT SWITCH
SW	SWITCH
CB	CIRCUIT BREAKER
DR	DRY CONTACT
TR	TRANSFORMER
LD	LOAD
SP	SIGNAL
PL	PLUG
TR	TRANSFORMER

**SECOND FLOOR WIRE PLAN**  
SCALE 1/8" = 1'-0"



**SECOND FLOOR ROOF PLAN**  
SCALE 1/8" = 1'-0"



**LIGHTING CONTROL CENTER AND VIDEO VISUAL CONTROL PANEL**

- PANEL TO BE FLOOR WITH HINGED, LOCKABLE DOOR AND HORIZONTAL SUPPORT OF TRIM CLAMP
- CONTROLS SHALL BE MOUNTED ON REMOVABLE, TRANSPARENT SCREENS
- HEIGHTS OF BOTH PANELS SHALL BE WHILE WITH SCREEN LOWERING, SCREEN (M) PROJECTS OUTWARD ON SUB-PLATE
- EXTERNAL FACE OF PANELS SHALL BE TRIM COVERED
- USE 1/2" SP. FRONT EXCEPT WHERE SHOWN

NO.	DESCRIPTION	QTY
1	TRANSFORMER PANEL	1
2	TRANSFORMER PANEL	1
3	TRANSFORMER PANEL	1
4	TRANSFORMER PANEL	1
5	SCREEN	SPOT 15A
6	TRANSFORMER PANEL	1500W
7	TRANSFORMER PANEL	1500W
8	TRANSFORMER PANEL	1500W
9	TRANSFORMER PANEL	1500W
10	TRANSFORMER PANEL	1500W
11	TRANSFORMER PANEL	1500W
12	TRANSFORMER PANEL	1500W
13	TRANSFORMER PANEL	1500W
14	TRANSFORMER PANEL	1500W
15	TRANSFORMER PANEL	1500W
16	TRANSFORMER PANEL	1500W
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35	TRANSFORMER PANEL	1500W
36	TRANSFORMER PANEL	1500W
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38	TRANSFORMER PANEL	1500W
39	TRANSFORMER PANEL	1500W
40	TRANSFORMER PANEL	1500W
41	TRANSFORMER PANEL	1500W
42	TRANSFORMER PANEL	1500W

- SPOT 15A - 1500W - 1500W
- SPOT 15B - 1500W - 1500W
- SPOT 15C - 1500W - 1500W
- SPOT 15D - 1500W - 1500W
- SPOT 15E - 1500W - 1500W
- SPOT 15F - 1500W - 1500W
- SPOT 15G - 1500W - 1500W
- SPOT 15H - 1500W - 1500W
- SPOT 15I - 1500W - 1500W
- SPOT 15J - 1500W - 1500W
- SPOT 15K - 1500W - 1500W
- SPOT 15L - 1500W - 1500W
- SPOT 15M - 1500W - 1500W
- SPOT 15N - 1500W - 1500W
- SPOT 15O - 1500W - 1500W
- SPOT 15P - 1500W - 1500W
- SPOT 15Q - 1500W - 1500W
- SPOT 15R - 1500W - 1500W
- SPOT 15S - 1500W - 1500W
- SPOT 15T - 1500W - 1500W
- SPOT 15U - 1500W - 1500W
- SPOT 15V - 1500W - 1500W
- SPOT 15W - 1500W - 1500W
- SPOT 15X - 1500W - 1500W
- SPOT 15Y - 1500W - 1500W
- SPOT 15Z - 1500W - 1500W

**REQUIREMENTS**

- PANEL SHALL BE FLOOR MOUNTED WITH HINGED DOOR
- HEIGHTS SHALL BE MOUNTED ON REMOVABLE TRANSPARENT SCREENS

NO.	DESCRIPTION	QTY
1	TRANSFORMER PANEL	1
2	TRANSFORMER PANEL	1
3	TRANSFORMER PANEL	1
4	TRANSFORMER PANEL	1
5	TRANSFORMER PANEL	1
6	TRANSFORMER PANEL	1
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42	TRANSFORMER PANEL	1

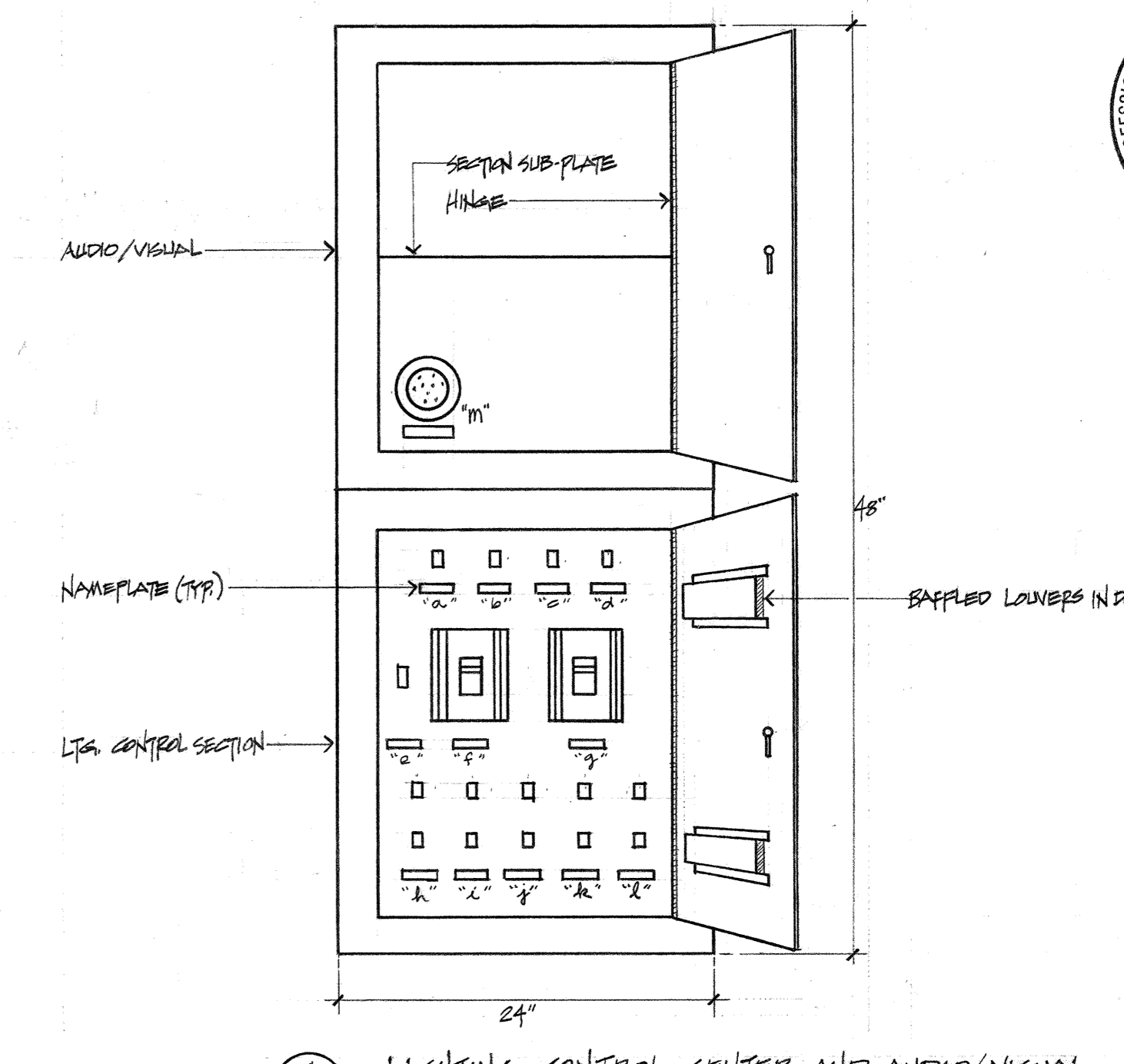
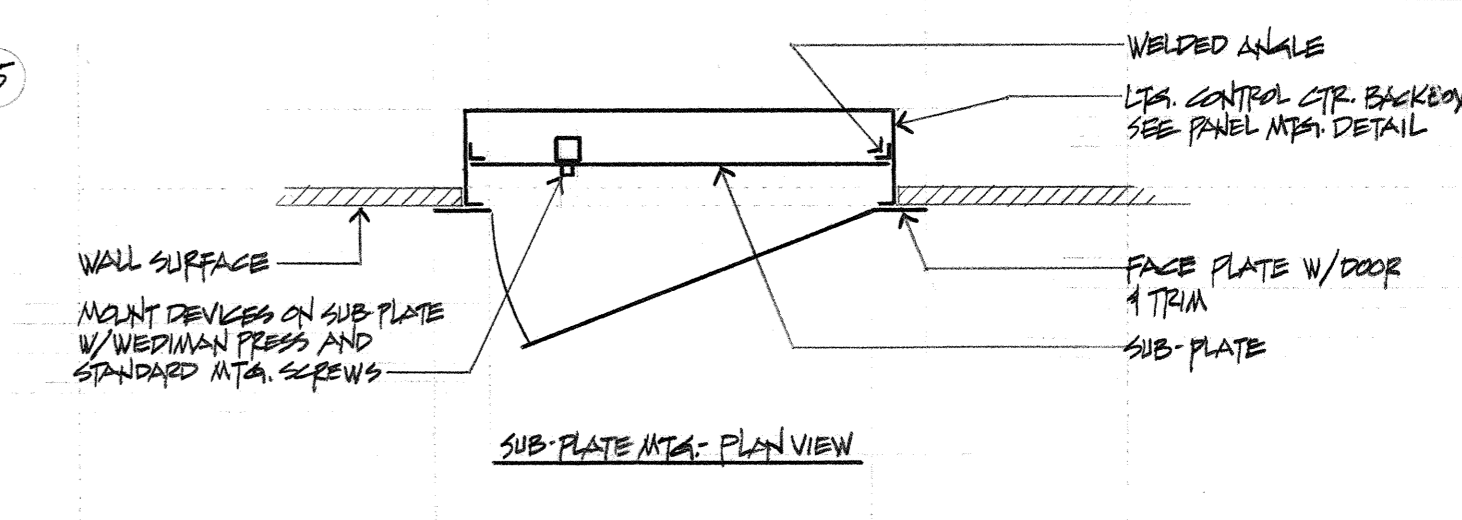
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- PANEL SHALL BE FLOOR MOUNTED WITH HINGED DOOR
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24	TRANSFORMER PANEL	1
25	TRANSFORMER PANEL	1
26	TRANSFORMER PANEL	1
27	TRANSFORMER PANEL	1
28	TRANSFORMER PANEL	1
29	TRANSFORMER PANEL	1
30	TRANSFORMER PANEL	1
31	TRANSFORMER PANEL	1
32	TRANSFORMER PANEL	1
33	TRANSFORMER PANEL	1
34	TRANSFORMER PANEL	1
35	TRANSFORMER PANEL	1
36	TRANSFORMER PANEL	1
37	TRANSFORMER PANEL	1
38	TRANSFORMER PANEL	1
39	TRANSFORMER PANEL	1
40	TRANSFORMER PANEL	1
41	TRANSFORMER PANEL	1
42	TRANSFORMER PANEL	1

LOAD		TRIP	CT	PANEL		CT	TRIP	LOAD
				ABC				
			1			2		
			3			4		
			5			6		
			7			8		
			9			10		
			11			12		
			13			14		
			15			16		
			17			18		
			19			20		
			21			22		
			23			24		
			25			26		
			27			28		
			29			30		
			31			32		
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			35			36		
			37			38		
			39			40		
			41			42		

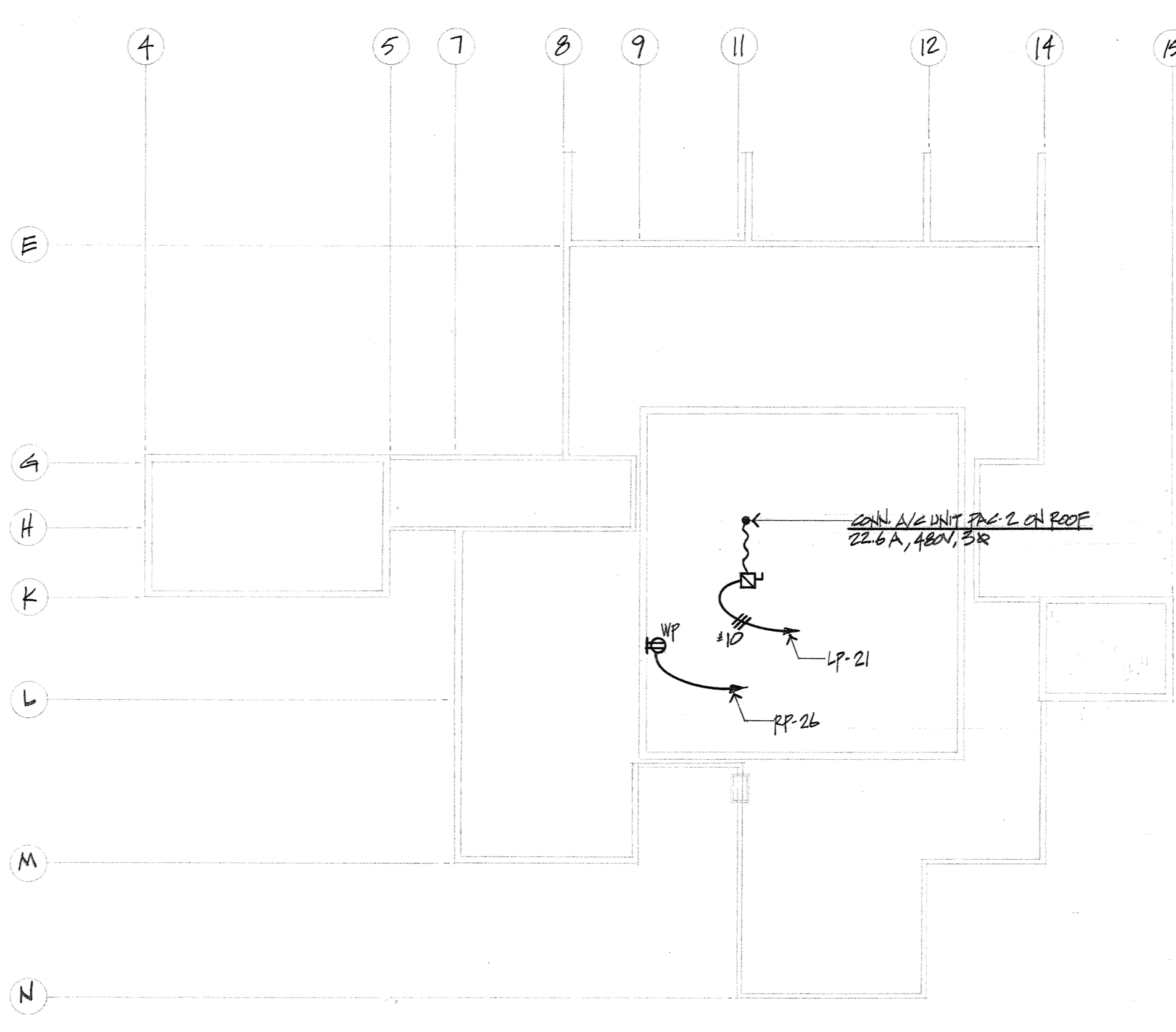
LOAD		TRIP	CT	PANEL		CT	TRIP	LOAD
				ABC				
			1			2		
			3			4		
			5			6		
			7			8		
			9			10		
			11			12		
			13			14		
			15			16		
			17			18		
			19			20		
			21			22		
			23			24		
			25			26		
			27			28		
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			39			40		
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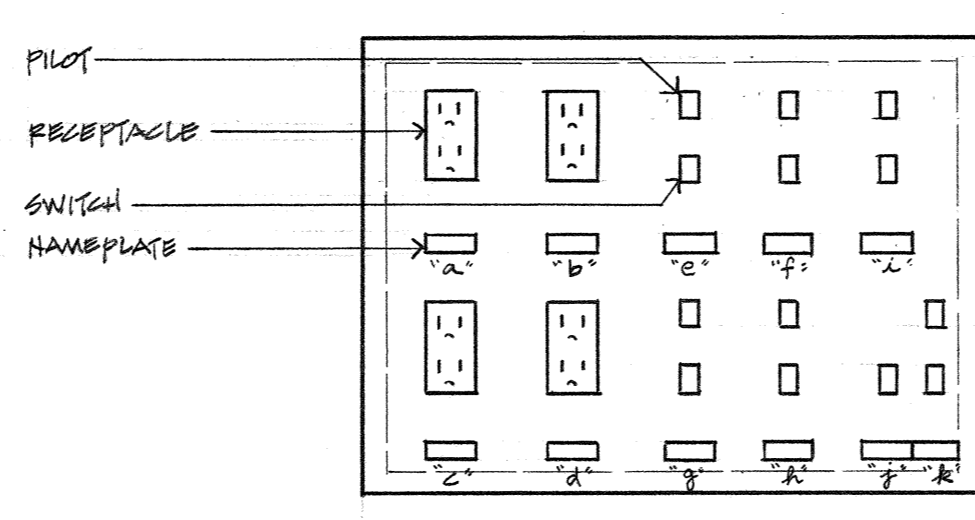
1. PANELS TO BE FLUSH WITH HINGED, LOCKABLE DOORS AND NO EXPOSED SCREWS OR TRIM CLAMPS.
2. DEVICES SHALL BE MOUNTED ON RECESSED REMOVABLE SUBPLATES.
3. INTERIOR OF BOTH PANELS SHALL BE WHITE WITH BLACK NAMEPLATE LETTERS (1/4" HEIGHT) GILDED ON SUBPLATE.
4. EXTERIOR FACE OF PANELS SHALL BE PINK PAINTED.
5. LINE UP TOP & BOTTOM EXACTLY W/ CHALK BAND.

SCHEDULE:		
a	"FLUORESCENT FRONT"	5-WAY 15A
b	"FLUORESCENT FRONT"	SPDT 15A
c	"FLUORESCENT REAR"	
d	"FLUORESCENT REAR"	
e	"SCREEN"	SPDT 15A
f	"INCANDESCENT FRONT"	1500W
g	"INCANDESCENT REAR"	600W
h	"PROJECTOR #1"	3-WAY W/PILOT
i	"PROJECTOR #2"	
j	"PROJECTOR #3"	
k	"PROJECTOR #4"	
l	"T.V. SYSTEM"	
m	"PROJECTOR CONTROL"	9-PIN AMPHENOL

- SPDT 15A - SIERRA \*5110 BK  
SPDT 15A - SIERRA \*5011 BK  
1500W - WITRON \*N-1500  
600W - WITRON \*N-600  
3-WAY W/PILOT - SIERRA \*5023 BK / 5106 / 406 R  
9-PIN AMPHENOL \*145-16 W/145-14 PWA  
3-WAY - SIERRA \*5010 BK



SECOND FLOOR ROOF PLAN  
SCALE: 1/8" = 1'-0"



RECEPTACLE PANEL NTS

1. PANEL SHALL BE FLUSH WALL DEVICES MOUNTED ON FACEPLATE AS SHOWN.
2. FACEPLATE SHALL BE STAINLESS W/ NAMEPLATES DIRECTLY ENGRAVED W/ 1/4" LETTERS.

SCHEDULE:		
a	"PROJECTOR #1"	DUPLEX RECEPT
b	"PROJECTOR #2"	
c	"PROJECTOR #3"	
d	"PROJECTOR #4"	
e	"PROJECTOR #1"	3-WAY W/PILOT
f	"PROJECTOR #2"	
g	"PROJECTOR #3"	
h	"PROJECTOR #4"	
i	"MONITOR"	
j	"SCREEN"	SPDT - 15A
k	"T.V. SYSTEM"	3-WAY W/PILOT

- DUPLEX RECEPT - SIERRA \*1022 BK  
3-WAY W/PILOT - SIERRA \*5023 BK / 5106 / 406 R  
SPDT - 15A - SIERRA \*5110 BK

REMOTE CONTROL PANEL NTS

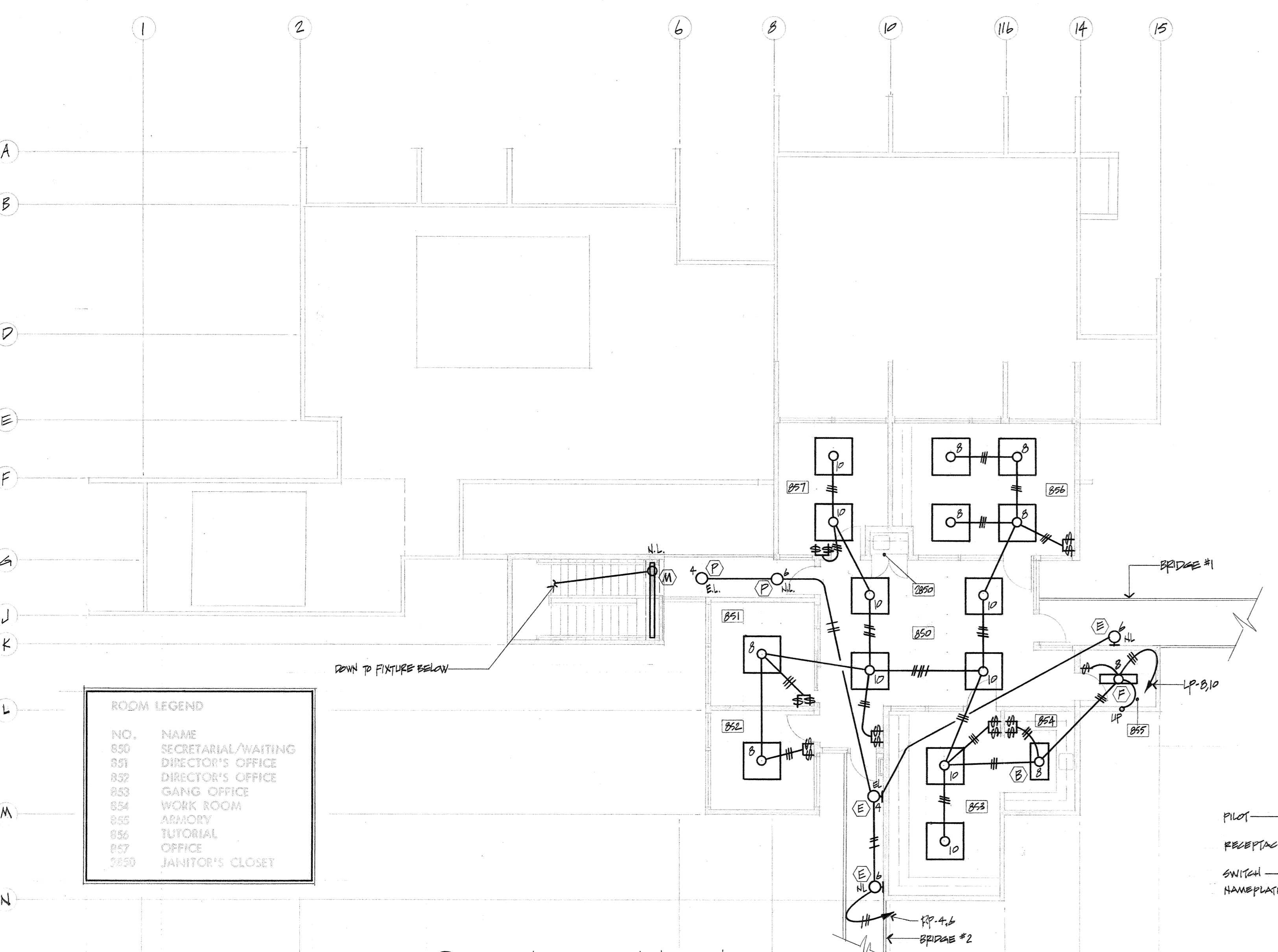
1. EACH FACE PLATE SHALL BE SEPARATELY REMOVABLE.
2. MOUNT AMPHENOL \*145-16 RECEPT AND ENGRAVE FACE PLATE: "PROJECTOR CONTROL" PROVIDE AMPHENOL \*145-14 PLUG.

PANEL										
LOAD			TRIP			CT			ABC	
1			1			1				
2			2			2				
3			3			3				
4			4			4				
5			5			5				
6			6			6				
7			7			7				
8			8			8				
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36			36			36				
37			37			37				
38			38			38				
39			39			39				
40			40			40				
41			41			41				
42			42			42				

- NOTES: PANEL SHALL HAVE COPPER GROUND BUS AND SHALL BE LISTED "SUITABLE FOR SERVICE"
- ① 1 PABX COX MECH. HOLD RELAY  
② 1 PABX COX MECH. HOLD RELAY  
③ 1 PABX COX MECH. HOLD RELAY

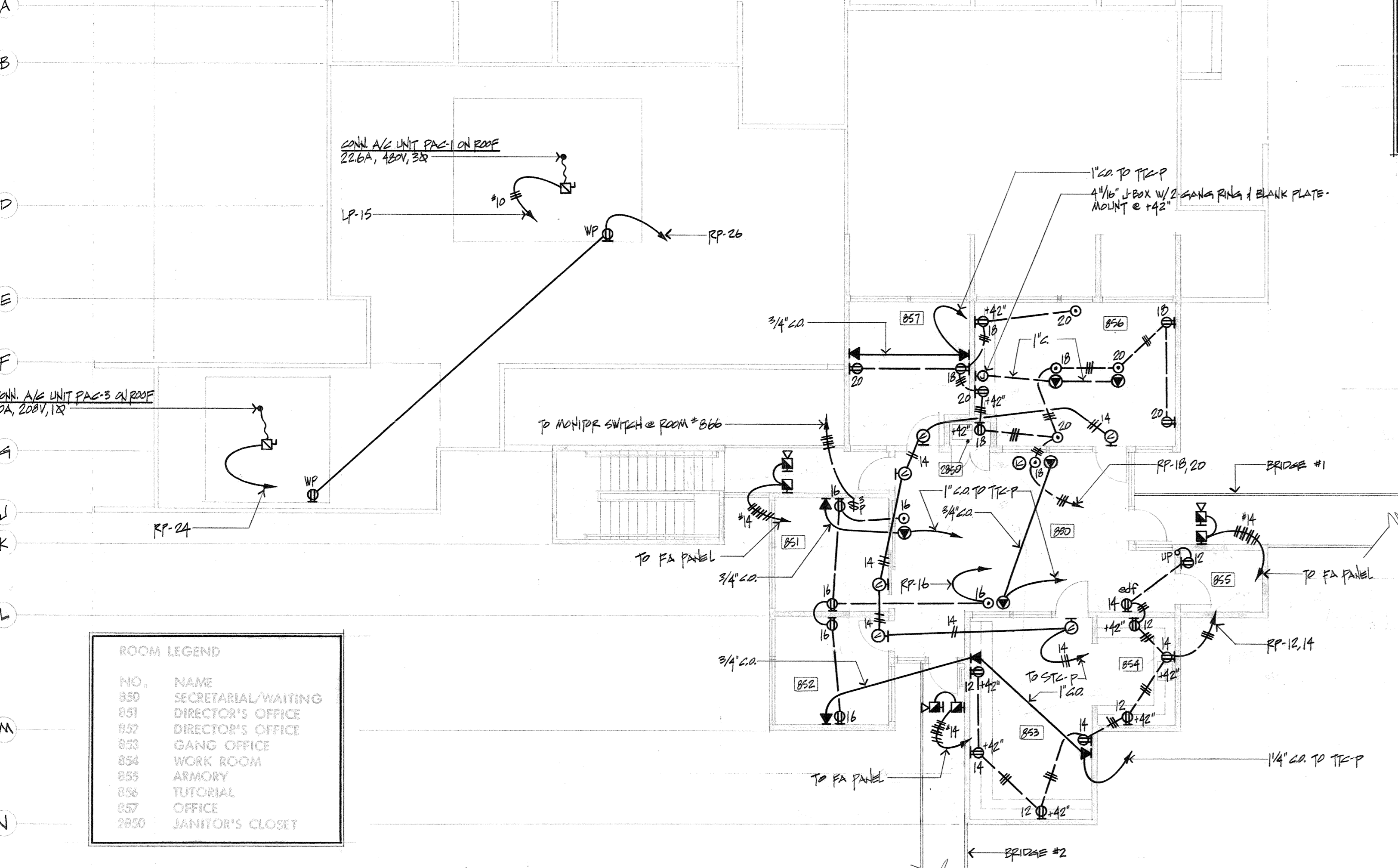
PANEL										
LOAD			TRIP			CT			ABC	
1			1			1				
2			2			2				
3			3			3				
4			4			4				
5			5			5				
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37			37			37				
38			38			38				
39			39			39				
40			40			40				
41			41			41				
42			42			42				

- ① 1 PABX COX MECH. HOLD RELAY  
② 1 PABX COX MECH. HOLD RELAY  
③ 1 PABX COX MECH. HOLD RELAY



SECOND FLOOR LIGHTING PLAN  
SCALE: 1/8" = 1'-0"

- NOTE: ALL LTA FIXTURES SHOWN ON THIS PLAN SHALL BE TYPE 'A' UNLESS OTHERWISE NOTED.



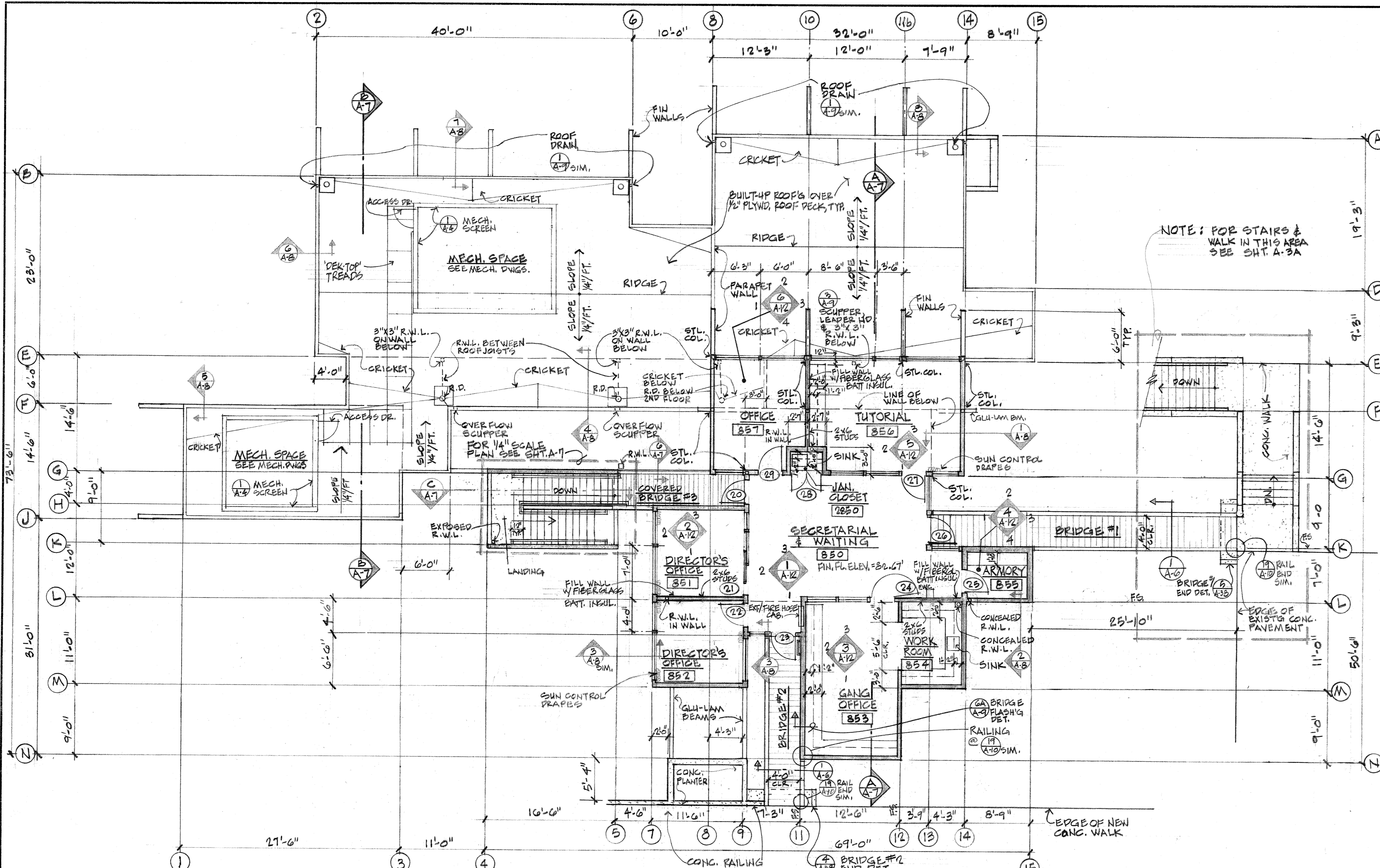
SECOND FLOOR POWER PLAN  
SCALE: 1/8" = 1'-0"

ROOM LEGEND

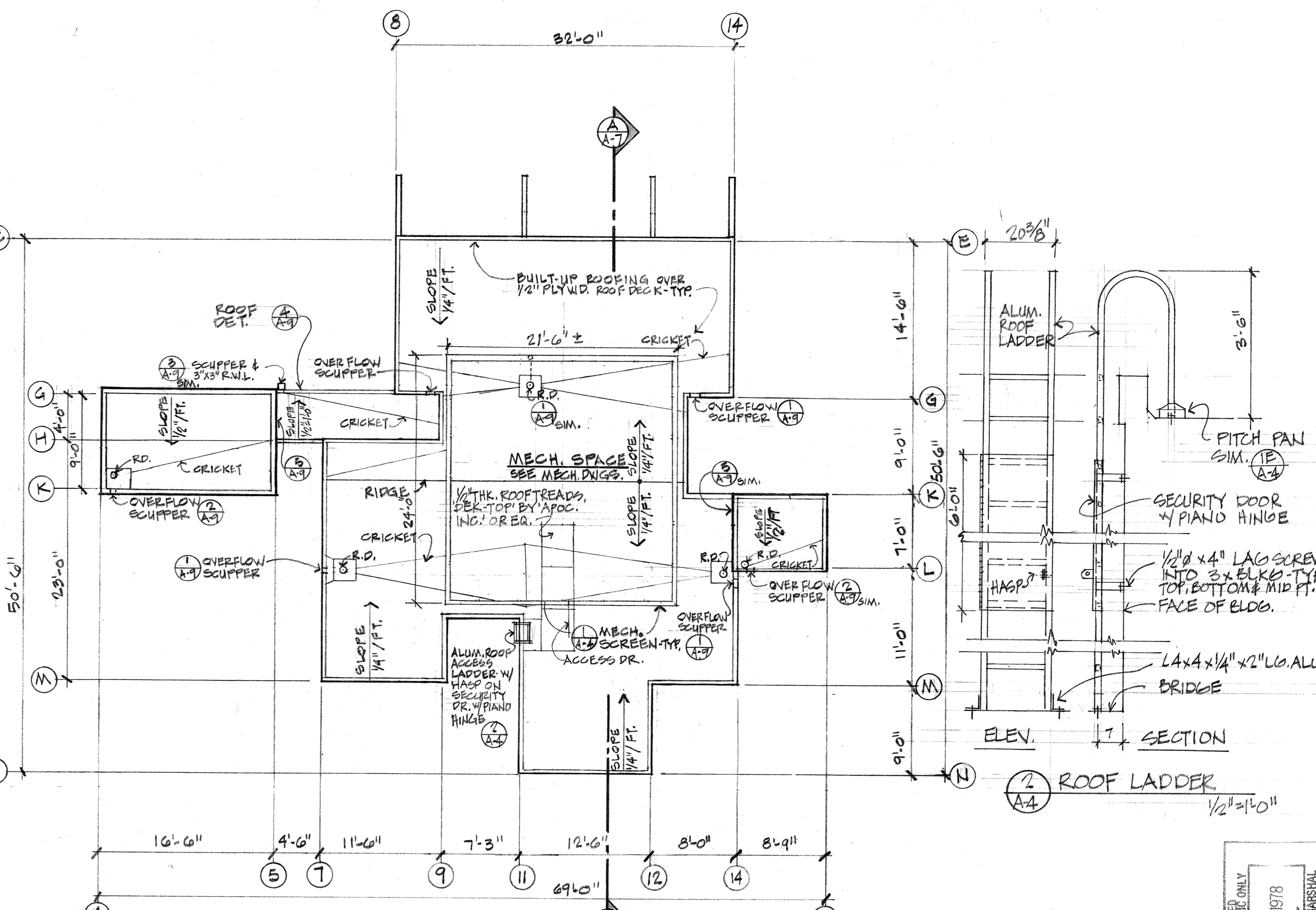
850	SECRETARIAL/WAITING
851	DIRECTOR'S OFFICE
852	DIRECTOR'S OFFICE
853	GANG OFFICE
854	WORK ROOM
855	ARMORY
856	TUTORIAL
857	OFFICE
858	JANITOR'S CLOSET

ROOM LEGEND

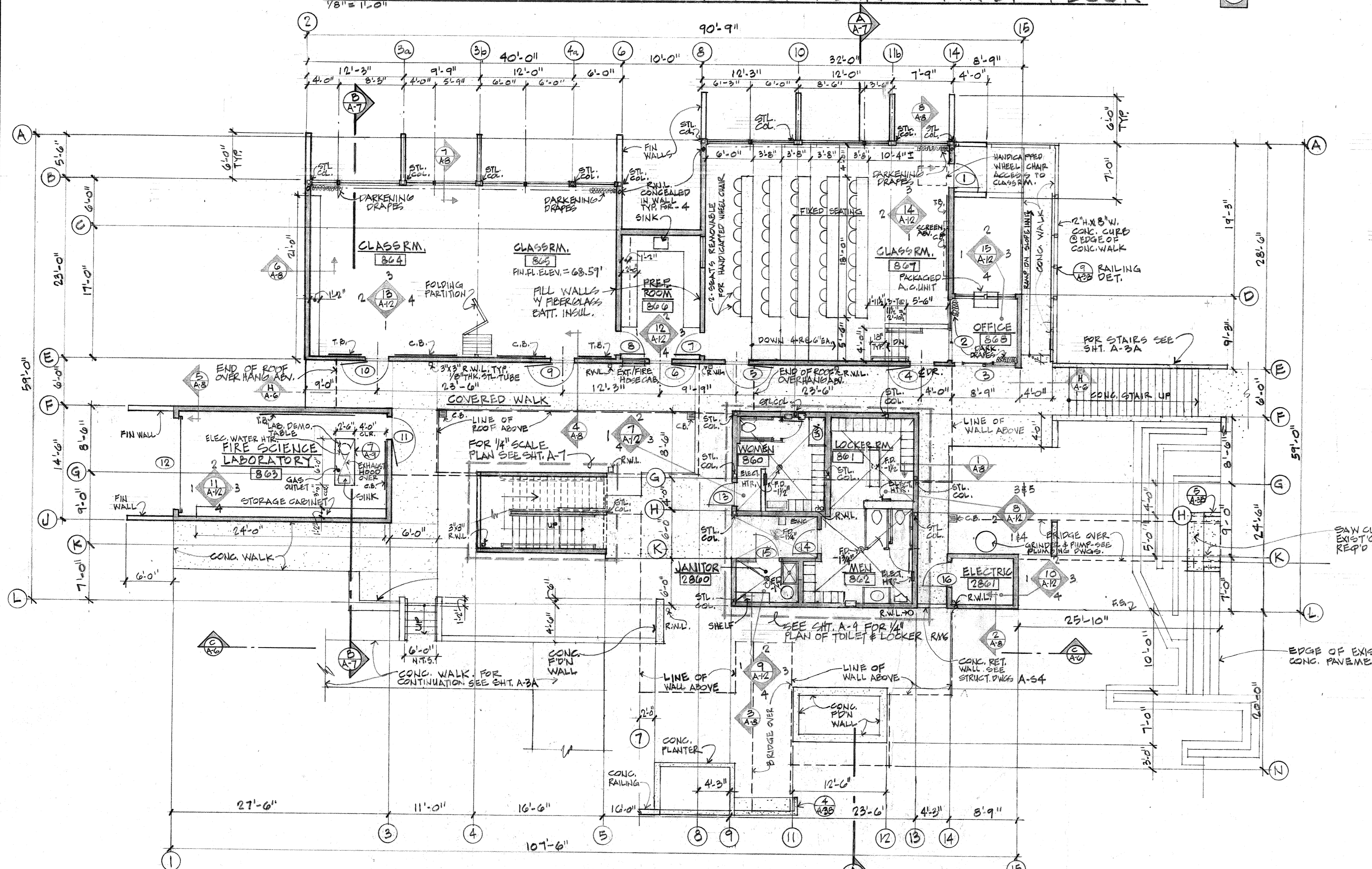
850	SECRETARIAL/WAITING
851	DIRECTOR'S OFFICE
852	DIRECTOR'S OFFICE
853	GANG OFFICE
854	WORK ROOM
855	ARMORY
856	TUTORIAL
857	OFFICE
858	JANITOR'S CLOSET



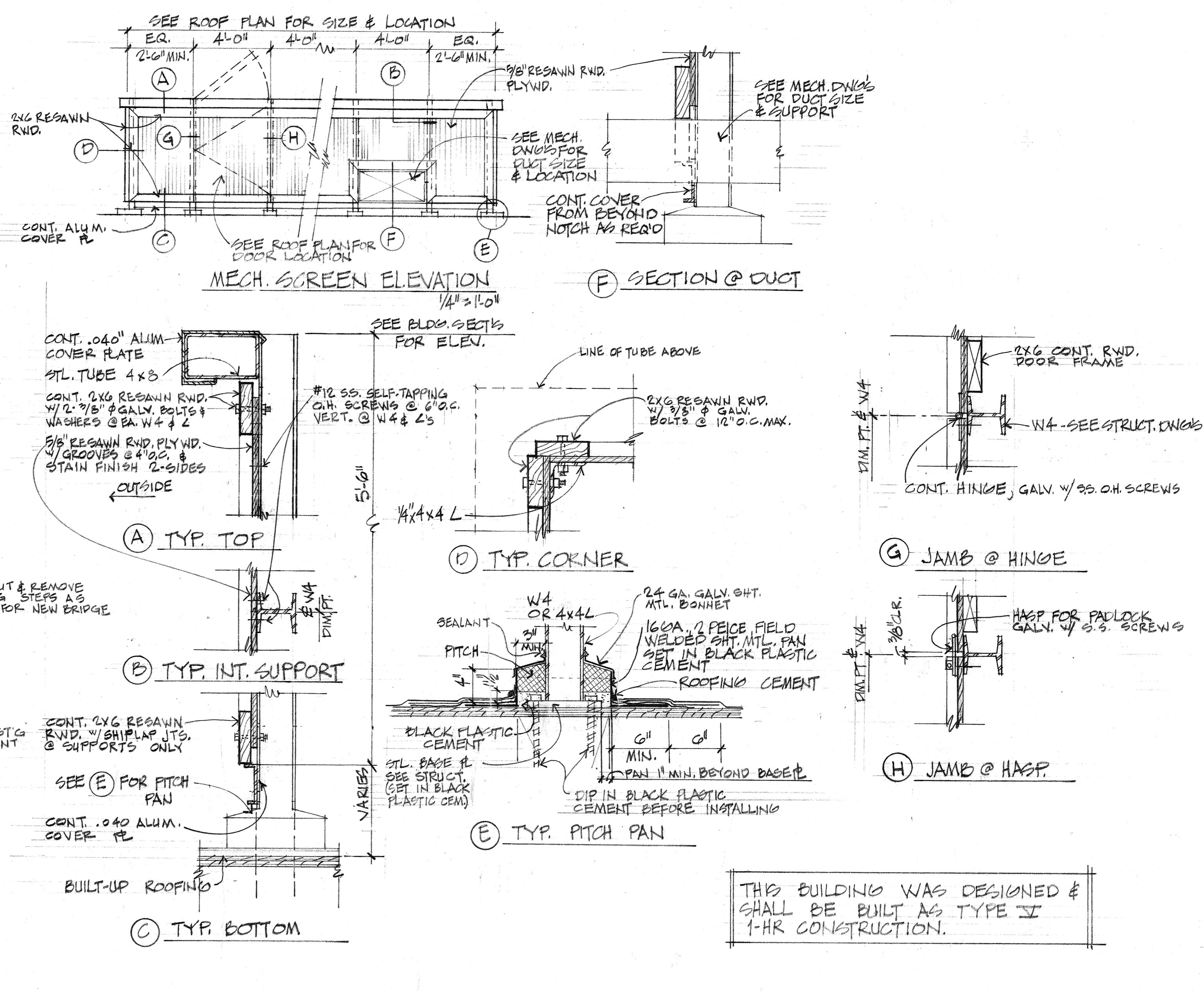
SECOND FLOOR PLAN & ROOF PLAN @ FIRST FLOOR  
1/8" = 1'-0"



ROOF PLAN @ SECOND FLOOR  
1/8" = 1'-0"



FIRST FLOOR PLAN  
1/8" = 1'-0"



MECHANICAL SCREEN DETAILS  
1/2" = 1'-0" U.G.N.

ARCHITECT: **James E. Cramer**  
 STRUCT. ENGINEER  
 CONSULT. ENGINEER

OFFICE OF THE ARCHITECT  
 STRUCTURAL UNIT SECTION  
 8-24-78  
 APPROVED APR 12, 1978  
 41093

APPROVED  
 APR 12, 1978  
 P. D. CIANFICHI  
 CONSULT. ENGINEER

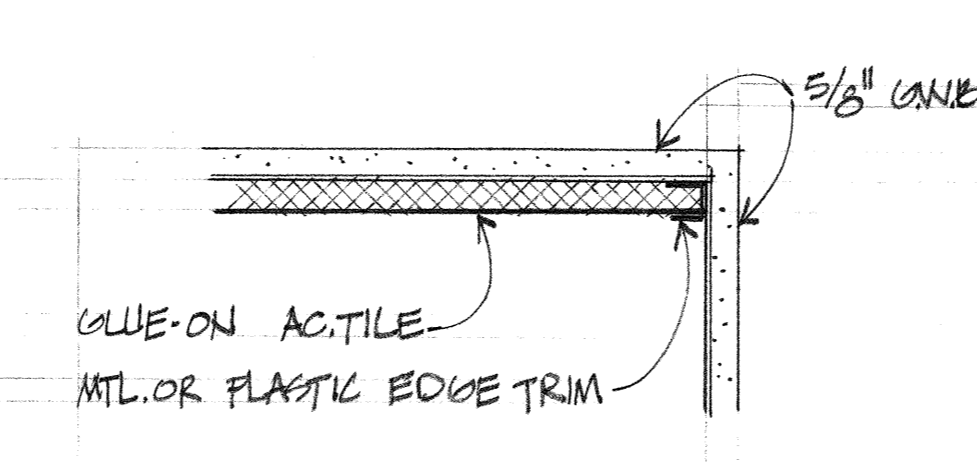
**CIANFICHI**  
 AND  
**COMETTA**  
**CONFER**  
 ARCHITECTS  
 1200  
 S. S. RANCE ARCHITECT  
 ASSOCIATED ARCHITECTURAL FIRMS  
 P. O. CENTER

**ADMINISTRATION OF JUSTICE**  
**TRAINING CENTER**  
**CCCCD**  
**LOS MEDANOS COLLEGE**  
**PITTSBURG**  
**CALIFORNIA**

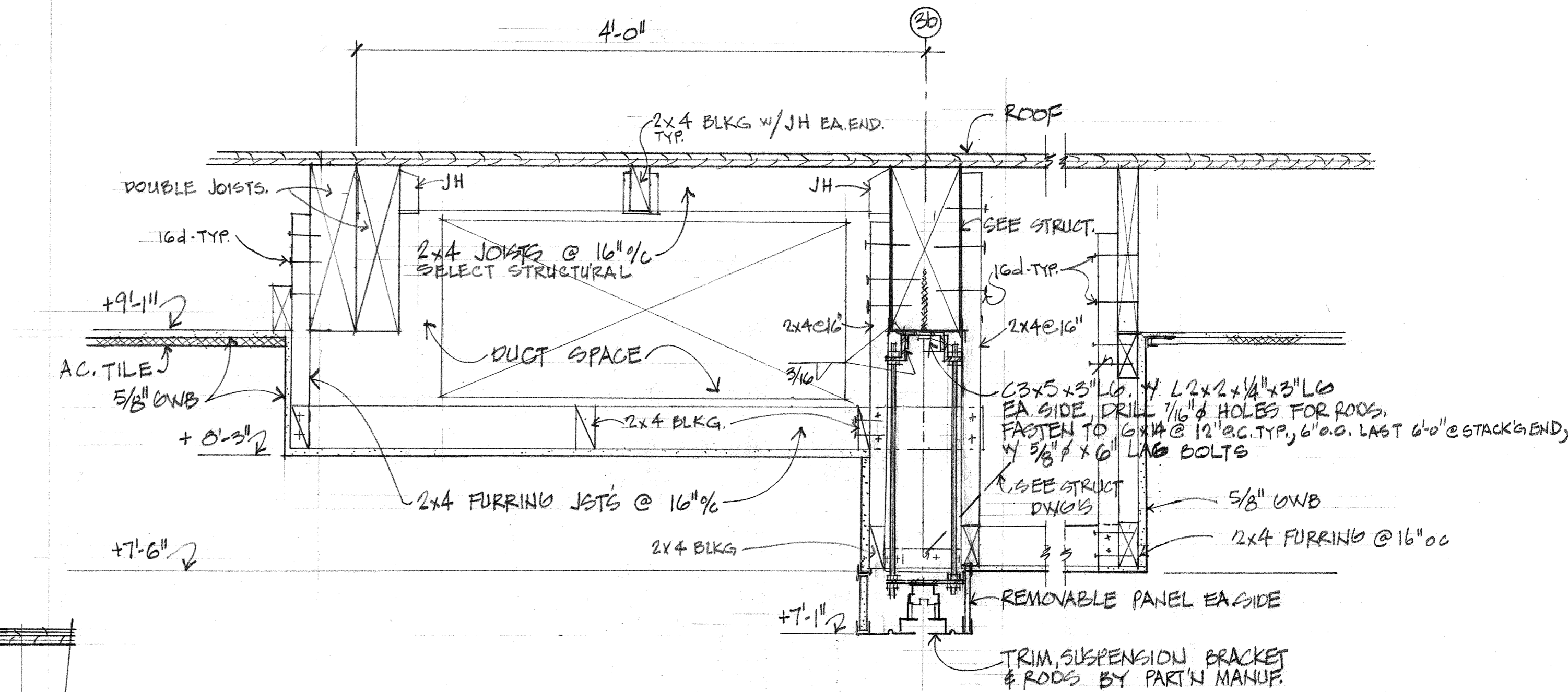
SHEET  
**A-41P**  
 DATE MARCH 23, 1978  
 REV. JULY 12, 1978  
 JOB No.  
 310-10

THIS BUILDING WAS DESIGNED & SHALL BE BUILT AS TYPE II 1-HR CONSTRUCTION.

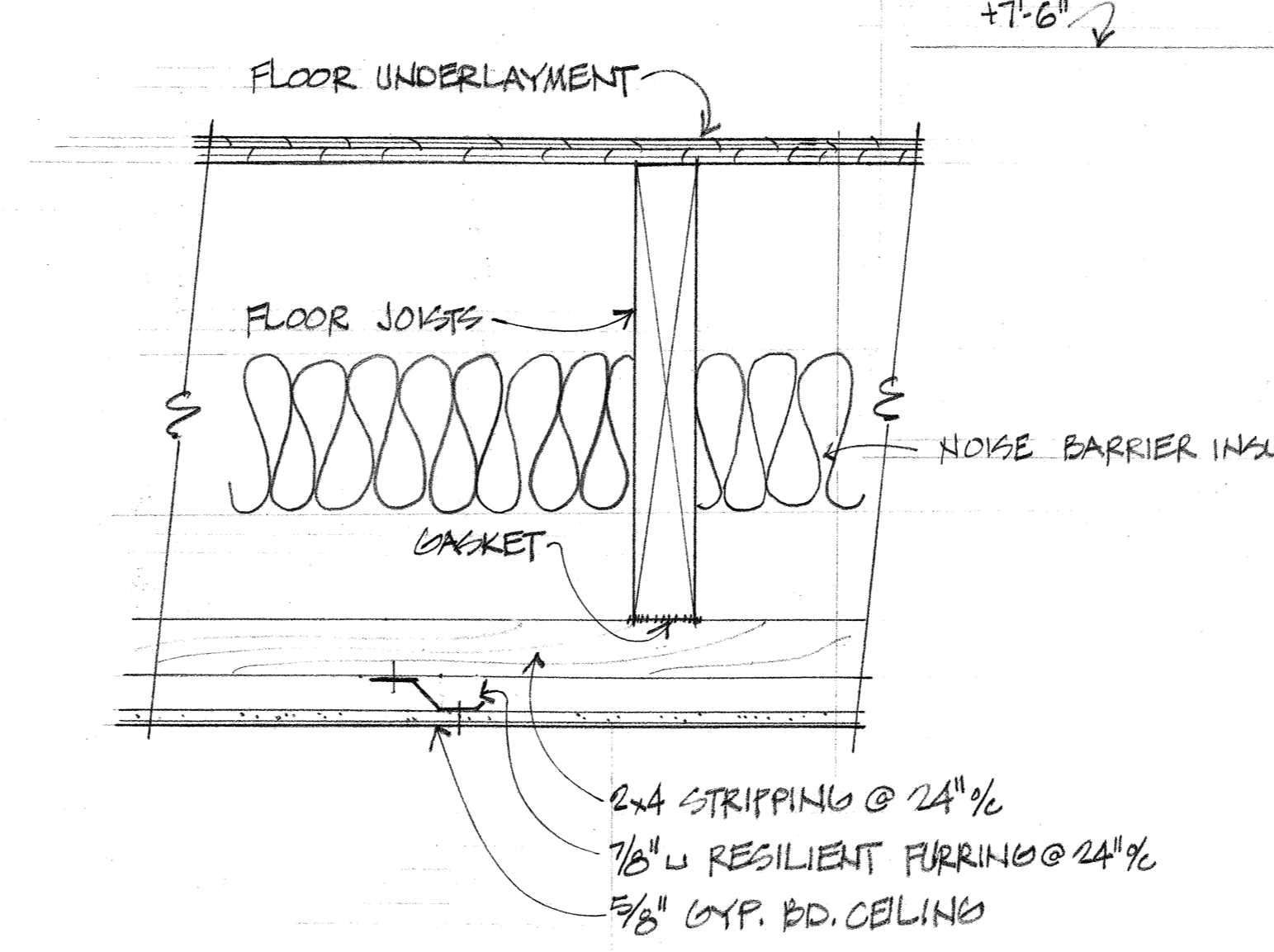




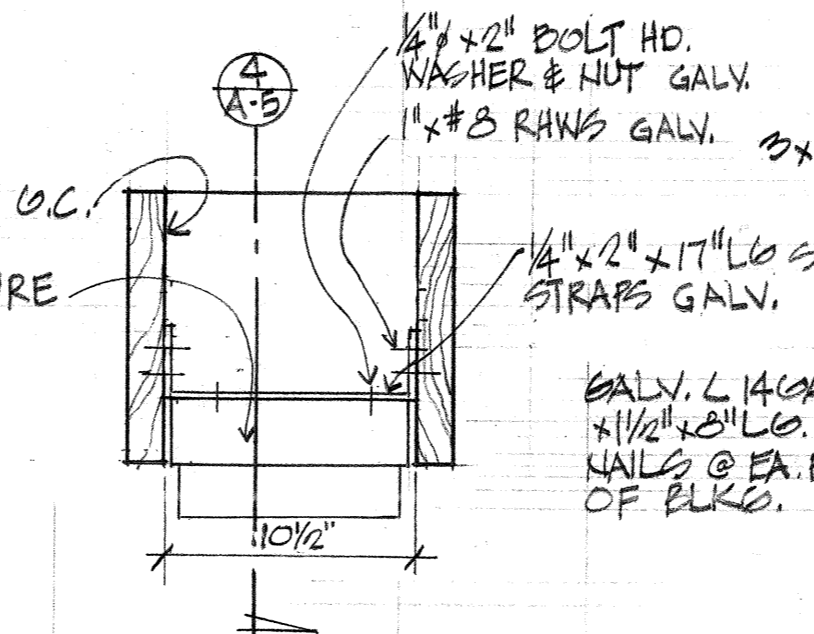
1 AC TILE EDGE-TYP. 2 1/2" x 1'-0"



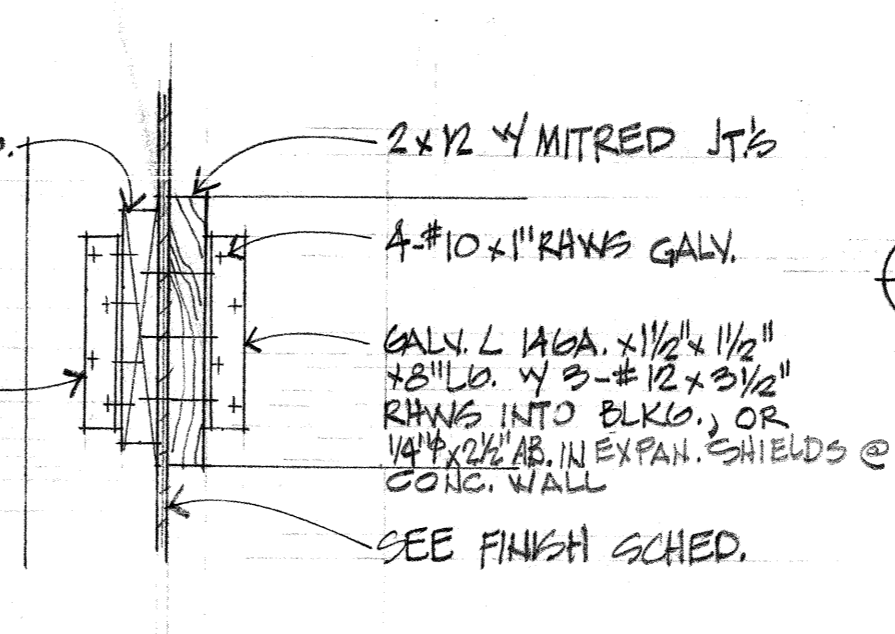
7 SECTION @ MONABLE PARTITION 1/2" x 1'-0"



2 CEILING DETAIL @ FIRST FLR. 2 1/2" x 1'-0"

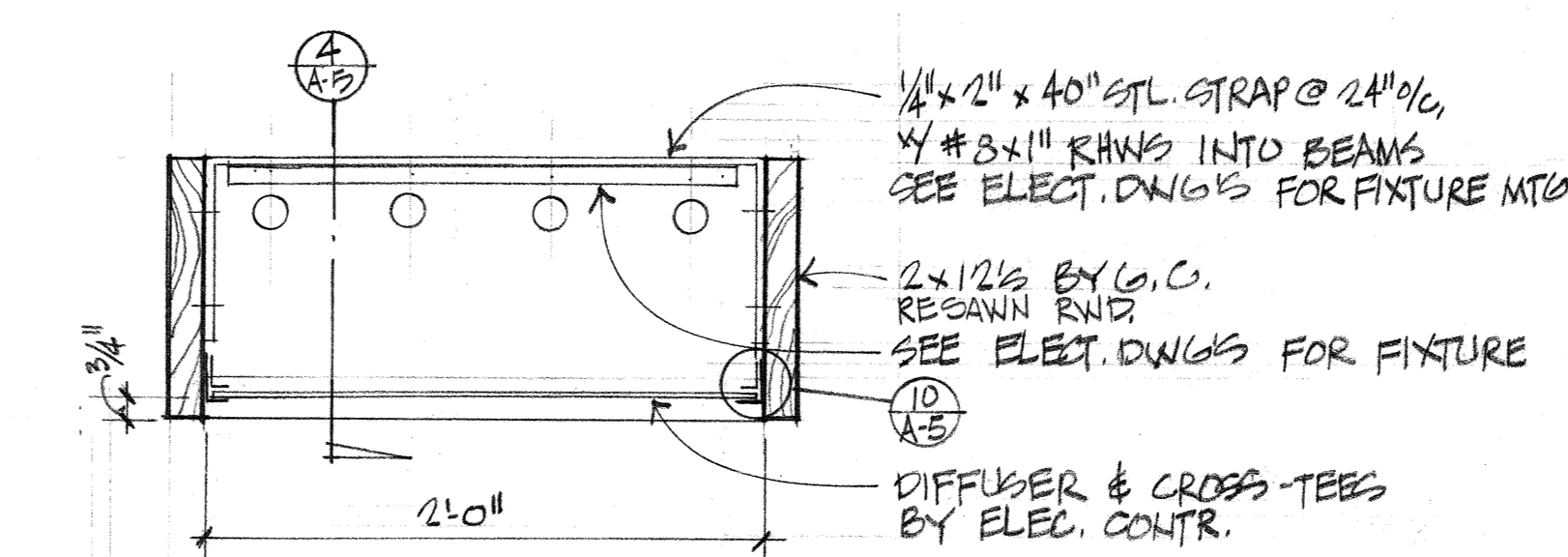


3 EXT. LT. TROUGH 1 1/2" x 1'-0"

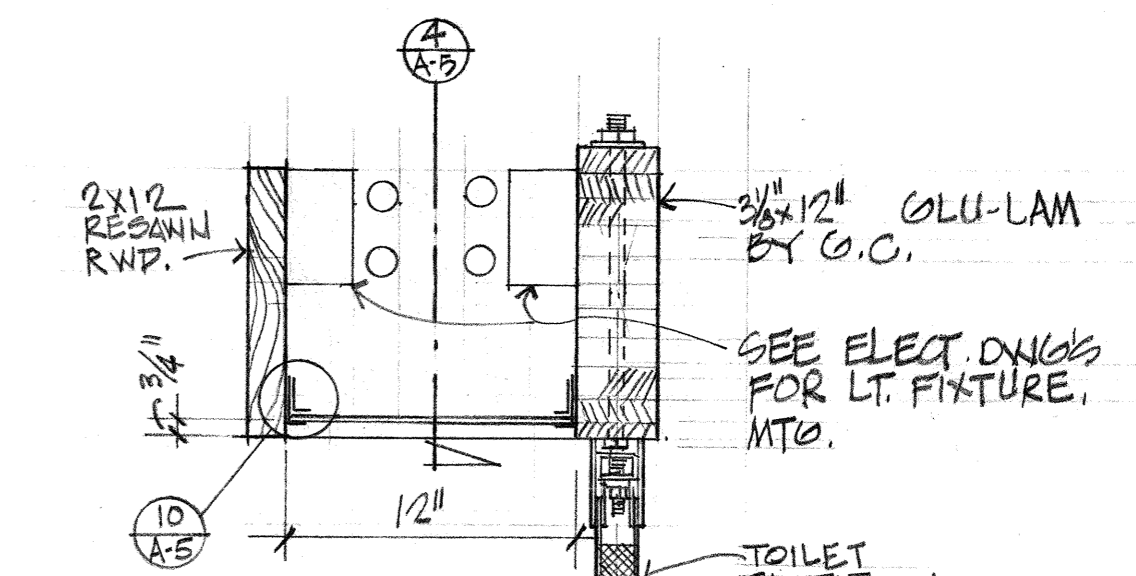


4 LT. TROUGH SUPPORT 1 1/2" x 1'-0"

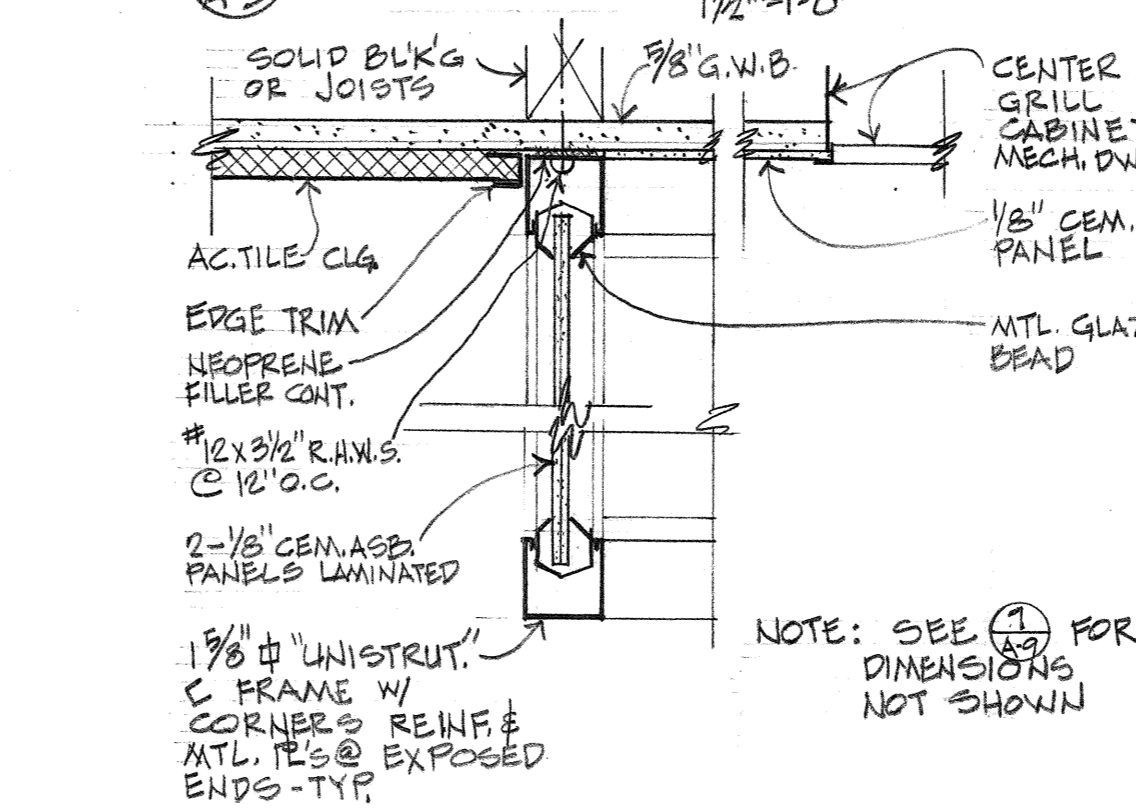
5 PARTITION @ WALLS 1/2" x 1'-0"



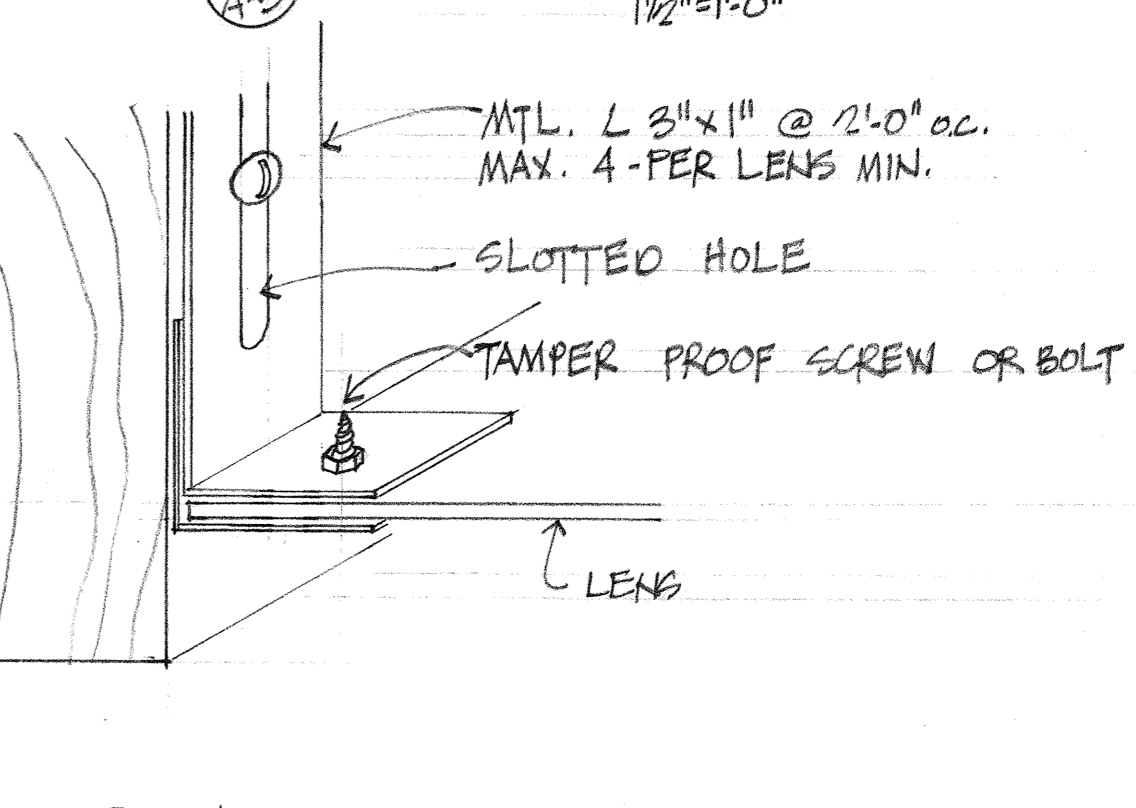
6 LIGHT TROUGH 1 1/2" x 1'-0"



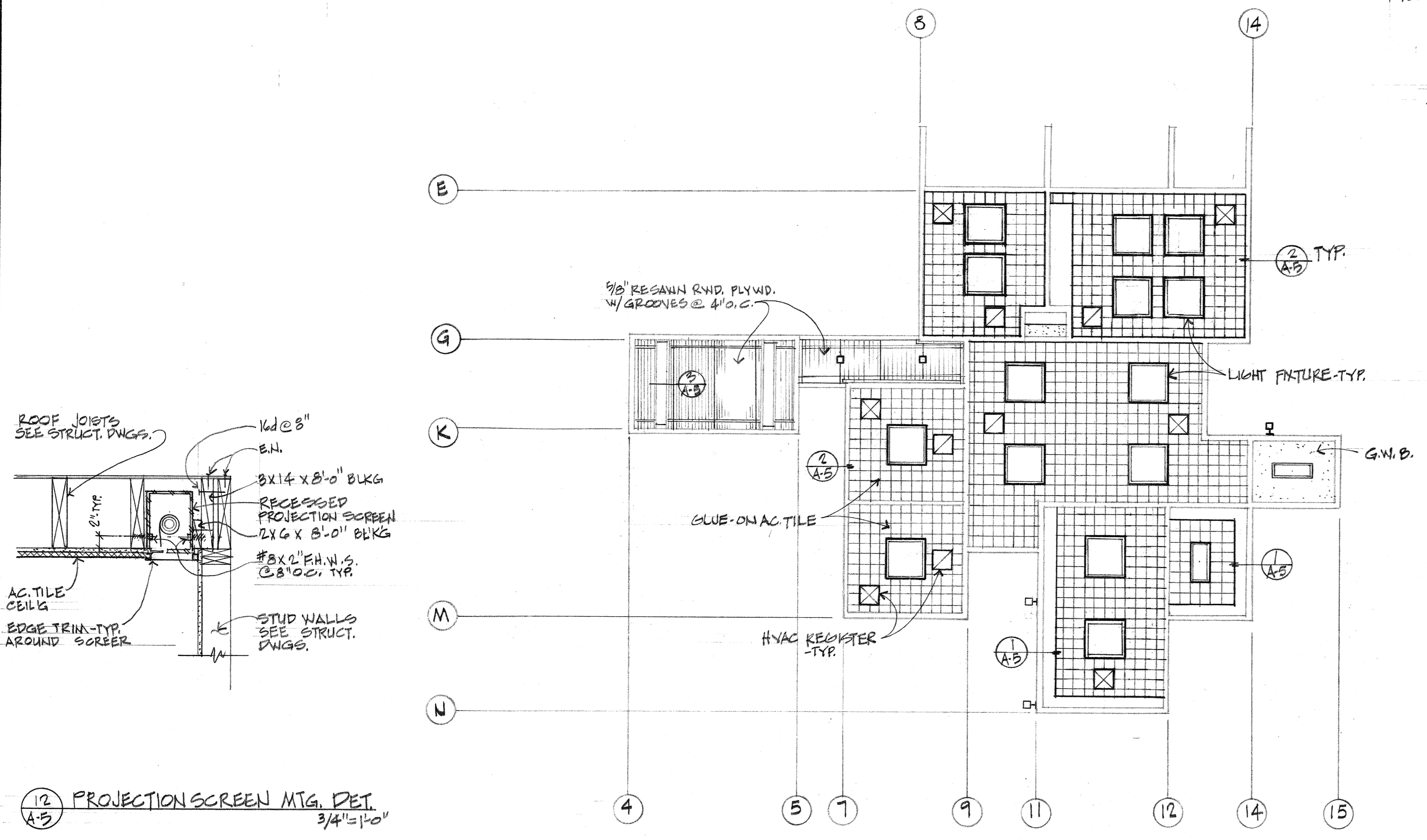
8 LIGHT TROUGH 1 1/2" x 1'-0"



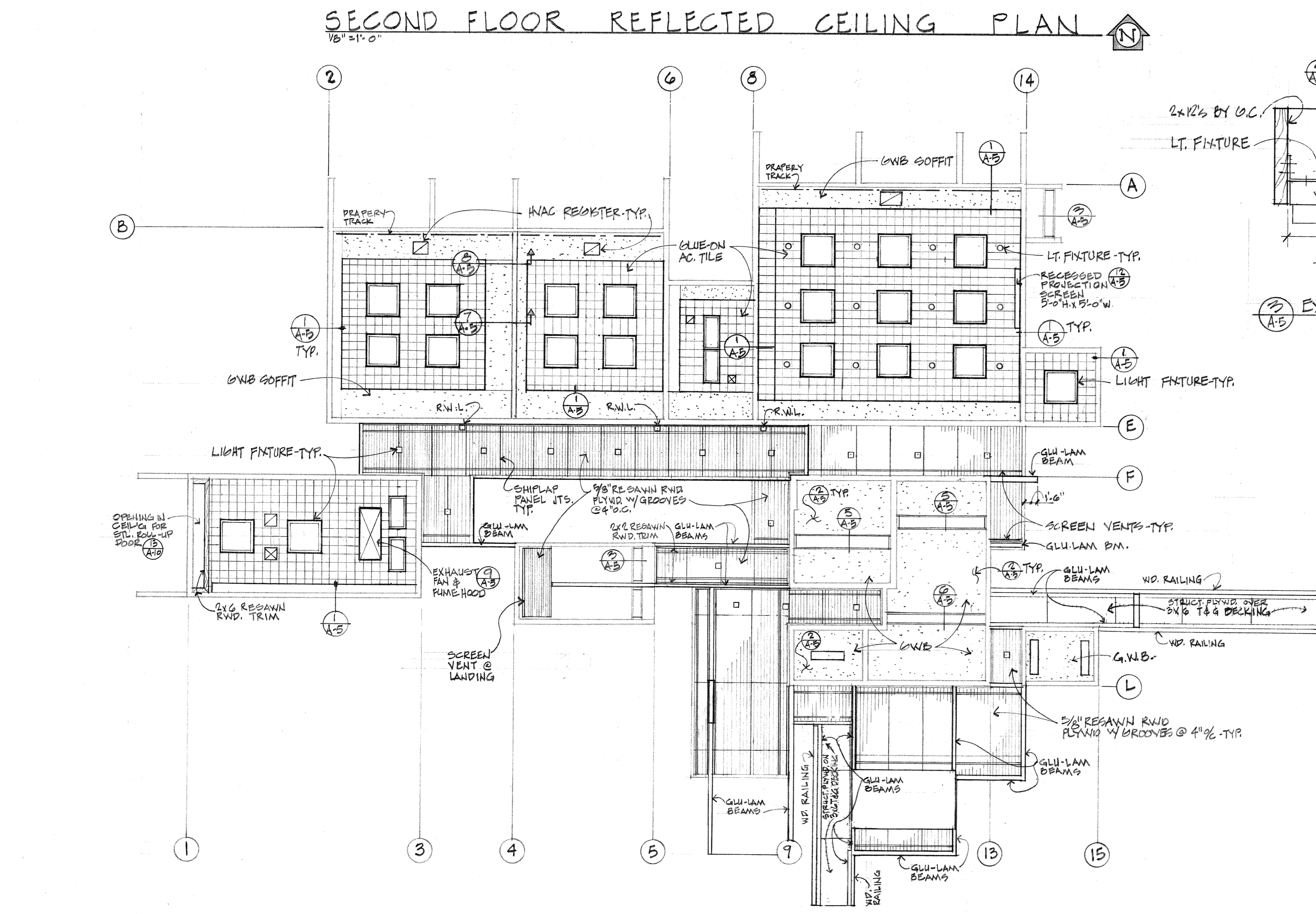
9 FUME HOOD 3" x 1'-0"



10 LENS FASTNER DETAIL FULL SIZE



SECOND FLOOR REFLECTED CEILING PLAN 1/8" x 1'-0"

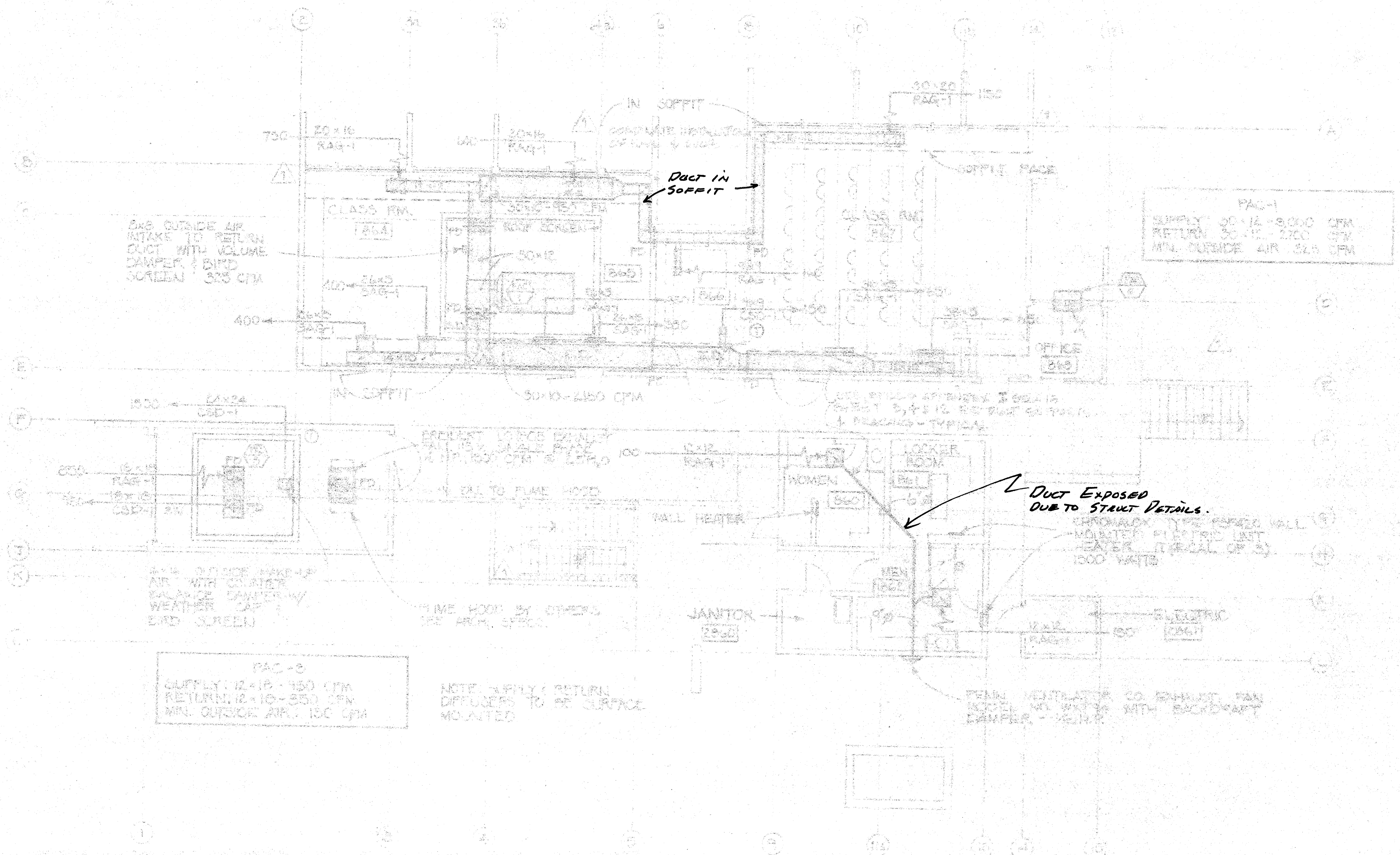


FIRST FLOOR REFLECTED CEILING PLAN 1/8" x 1'-0"

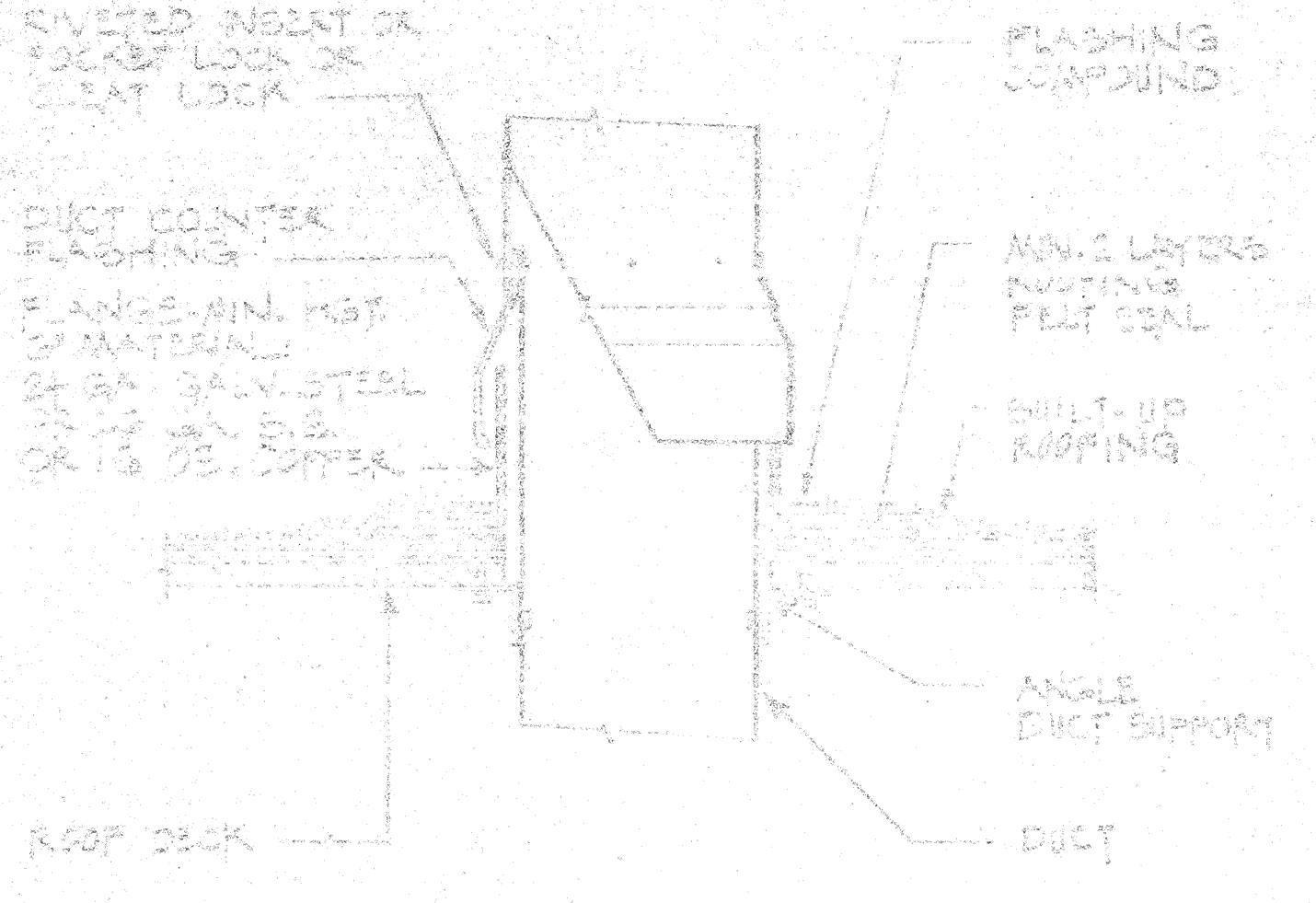
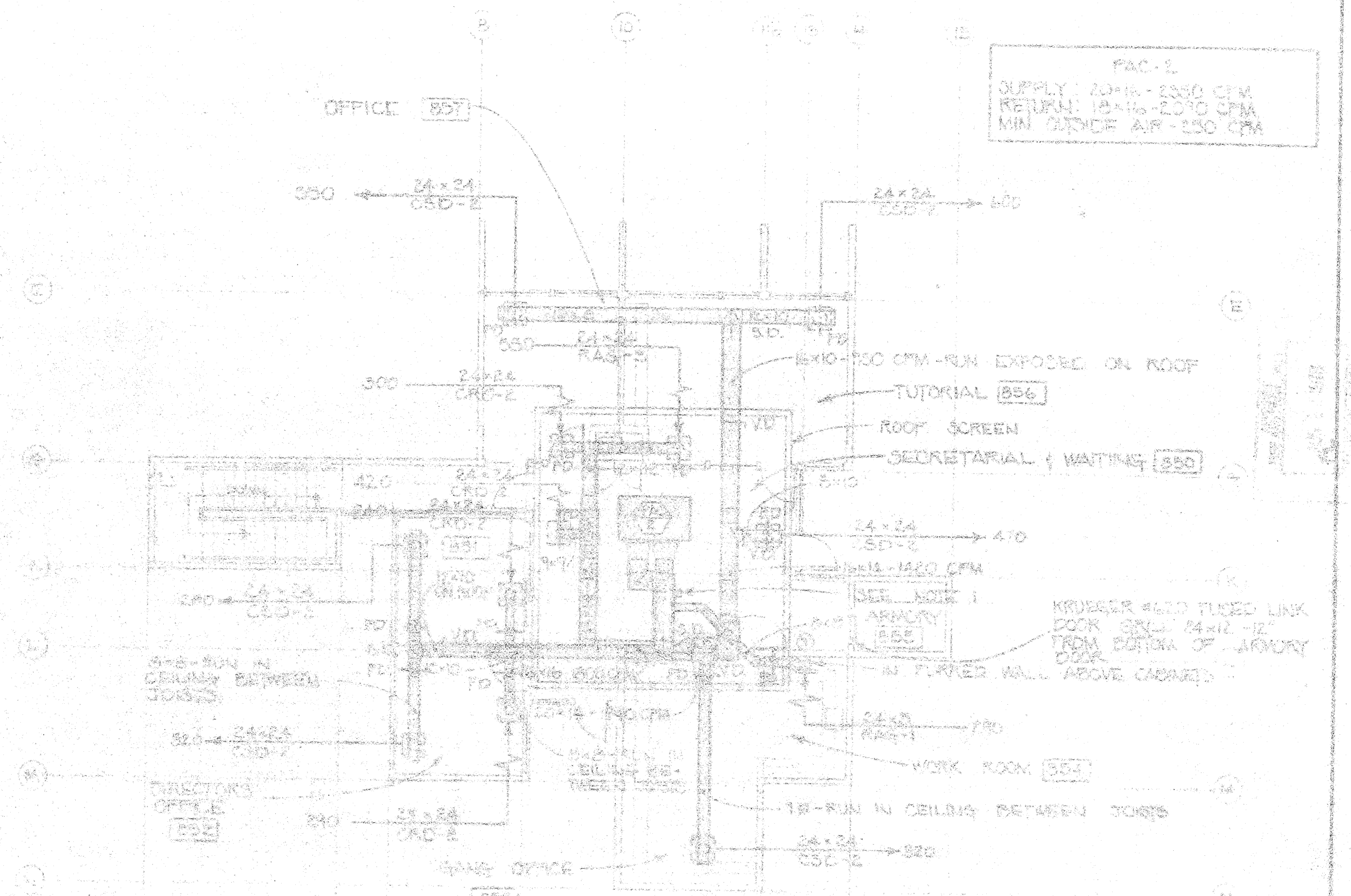
ARCHITECT: **COMETTA AND CIANFICHI**  
 STRUCTURAL SAFETY SECTION: **CROSSER, CRISSEN & NANCE**  
 APPROVED: **APR 12 1978**  
 OFFICE OF THE STATE ARCHITECT: **APR 12 1978**  
 REGISTERED ARCHITECT: **APR 12 1978**  
 REGISTERED STRUCTURAL ENGINEER: **APR 12 1978**  
 REGISTERED CIVIL ENGINEER: **APR 12 1978**  
 REGISTERED ELECTRICAL ENGINEER: **APR 12 1978**  
 REGISTERED MECHANICAL ENGINEER: **APR 12 1978**  
 REGISTERED PLUMBING ENGINEER: **APR 12 1978**  
 REGISTERED SANITARY ENGINEER: **APR 12 1978**  
 REGISTERED SURVEYOR: **APR 12 1978**  
 REGISTERED LAND SURVEYOR: **APR 12 1978**  
 REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT: **APR 12 1978**  
 REGISTERED PROFESSIONAL FOREST ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL GEODETIC ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL AERONAUTICAL ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL CHEMICAL ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL INDUSTRIAL ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL METALLURGICAL ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL NUCLEAR ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL PETROLEUM ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL TRANSPORTATION ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL WATER RESOURCES ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL WIND ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL AERONAUTICAL ENGINEER: **APR 12 1978**  
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 REGISTERED PROFESSIONAL PETROLEUM ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL TRANSPORTATION ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL WATER RESOURCES ENGINEER: **APR 12 1978**  
 REGISTERED PROFESSIONAL WIND ENGINEER: **APR 12 1978**

AS BUILT JUN '80

David K. Low  
 ARCHITECT  
 3/1/78

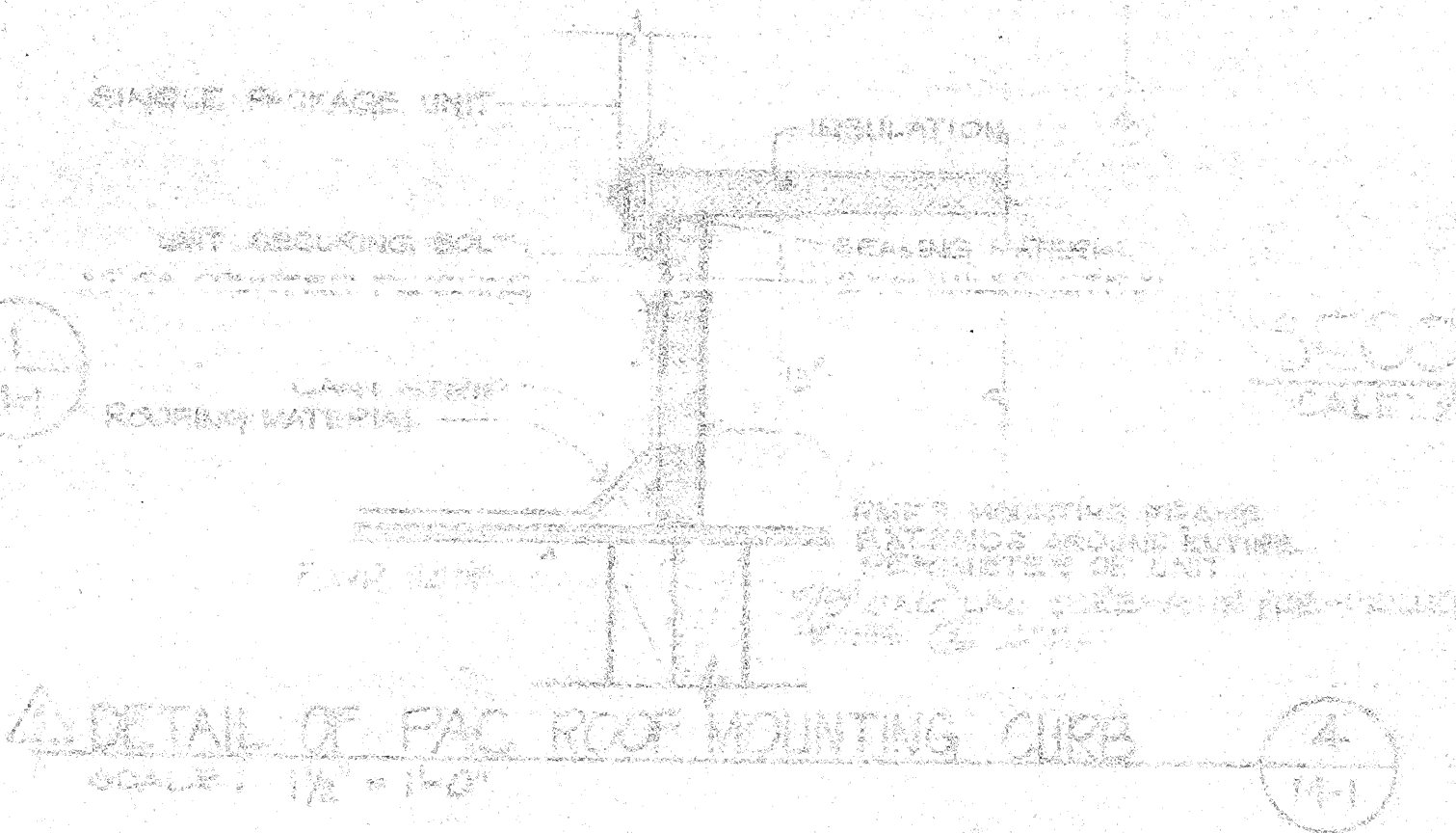


All equipment shall be securely fastened to the structure.  
 Specific details of anchorage shall be shown on plans for the following:  
 1. Floor or roof supported equipment weighing 1000# or more.  
 2. All suspended equipment or ceiling mounted equipment.  
 3. All wall hung equipment.  
 For equipment anchored other than the above add a note on plans to this effect:  
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FIRST FLOOR PLAN

SECOND FLOOR PLAN



ROOF LAYOUT & DUCTING - SEE AIR SHEET METAL DWG #1

PACKAGED A/C UNIT SCHEDULE													
NO.	MPH (OR APPROX. EQUAL)	MODEL	SERVICE	CAPACITY, MBH	CFM	ESP	COOLING	HEATING	CONDENSER	EVAPORATOR	MOTOR	UNIT WEIGHT LBS.	
				COOLING/HEATING			BTU/HR	BTU/HR	TYPE	TYPE	HP		
1	LENNOX	GC28-193-230	1ST FLOOR	1 1/2	1115	2000	.47	77	62	54	56	26 1/2	2000
2	LENNOX	GC28-193-230	2ND FLOOR	1 1/2	1115	2000	.47	77	62	54	56	26 1/2	2000
3	LENNOX	GC24-261-60	FIRE SCIENCE	3/4	45	150	.30	77	62	34	35	17 1/2	600
4	AMERICAN AIR FILTER	ENERGIZER T**	OFFICE	70	22	30	—	—	—	—	—	1 1/2	125

\*\* WITH 1/2" R.V. AIR ELECTRIC HEATING (MSH) 100 x 100 x 1/2" MINIMUM LEAKAGE AIR TIGHTNESS  
 LEENOX UNITS TO BE FURNISHED WITH ROOF MOUNTING CURB (SEE DETAIL 4-M1) & ROOM THERMOSTAT

DIFFUSER SCHEDULE				
AMP#	FUNCTION	TYPE	BARBER COLMAN MODEL #	REMARKS
001	CEILING SUPPLY/RETURN DIFFUSER	✓	4100	
002	FLOOR SUPPLY/RETURN DIFFUSER	✓	PCW/PBW	
003	SUPPLY/RETURN "MAN" GRILL	✓	Q8AV/Q8BV	

\* APPROVED EQUAL OF THIS TITTLE & BAILEY OR AEROSTAT ACCEPTABLE  
 \*\* OPPOSED BLADE DAMPER

MECHANICAL LEGEND	
SYMBOL	DEFINITION
(Symbol)	CPM SUPPLY DIFFUSER (SEE SCHEDULE)
(Symbol)	CPM RETURN AIR GRILL (SEE SCHEDULE)
(Symbol)	SECTION THRU SUPPLY DUCT
(Symbol)	SECTION THRU RETURN DUCT
(Symbol)	EXTRACTION DAMPER
(Symbol)	VOLUME DAMPER
(Symbol)	SPLITTER DAMPER
(Symbol)	WALL THERMOSTAT WITH LOCKING CLEAR PLASTIC COVER (MOUNTED ON INSULATING BOARD)
(Symbol)	FIRE DAMPER

NOTES  
 1. REFER TO APPENDIX 1 SECTION 15 OF THE SPECIFICATIONS FOR SYMBOLS AND NOTATION OF DUCTS.

DAVID K. LOW & ASSOCIATES  
 ARCHITECTS  
 1000 15TH AVENUE, SUITE 1000  
 DENVER, COLORADO 80202  
 (303) 733-1111

COMETTA AND CIANFICHI  
 ARCHITECTS  
 1000 15TH AVENUE, SUITE 1000  
 DENVER, COLORADO 80202  
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CONNER, CROSEN & NANCE  
 ARCHITECTS  
 1000 15TH AVENUE, SUITE 1000  
 DENVER, COLORADO 80202  
 (303) 733-1111

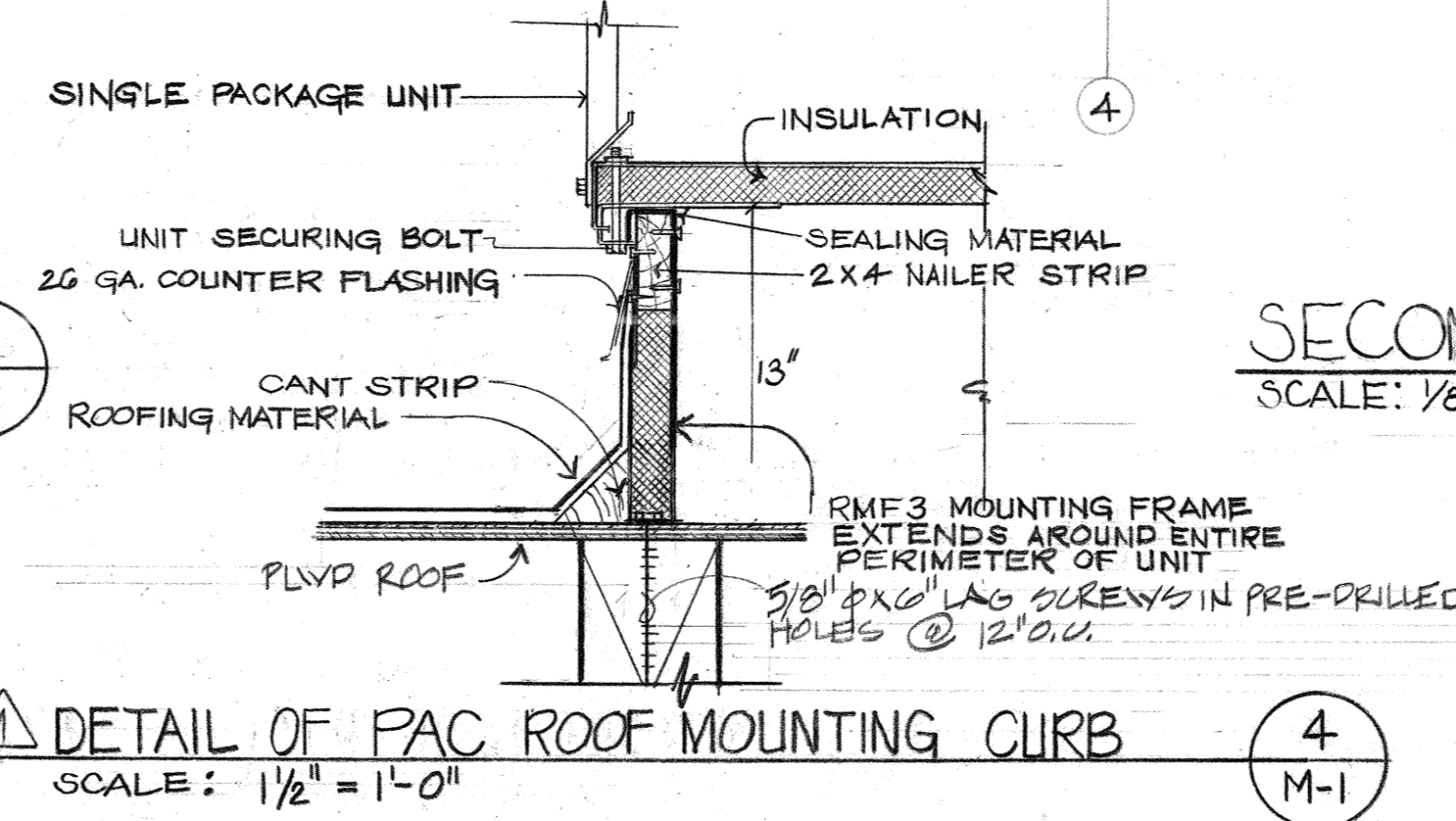
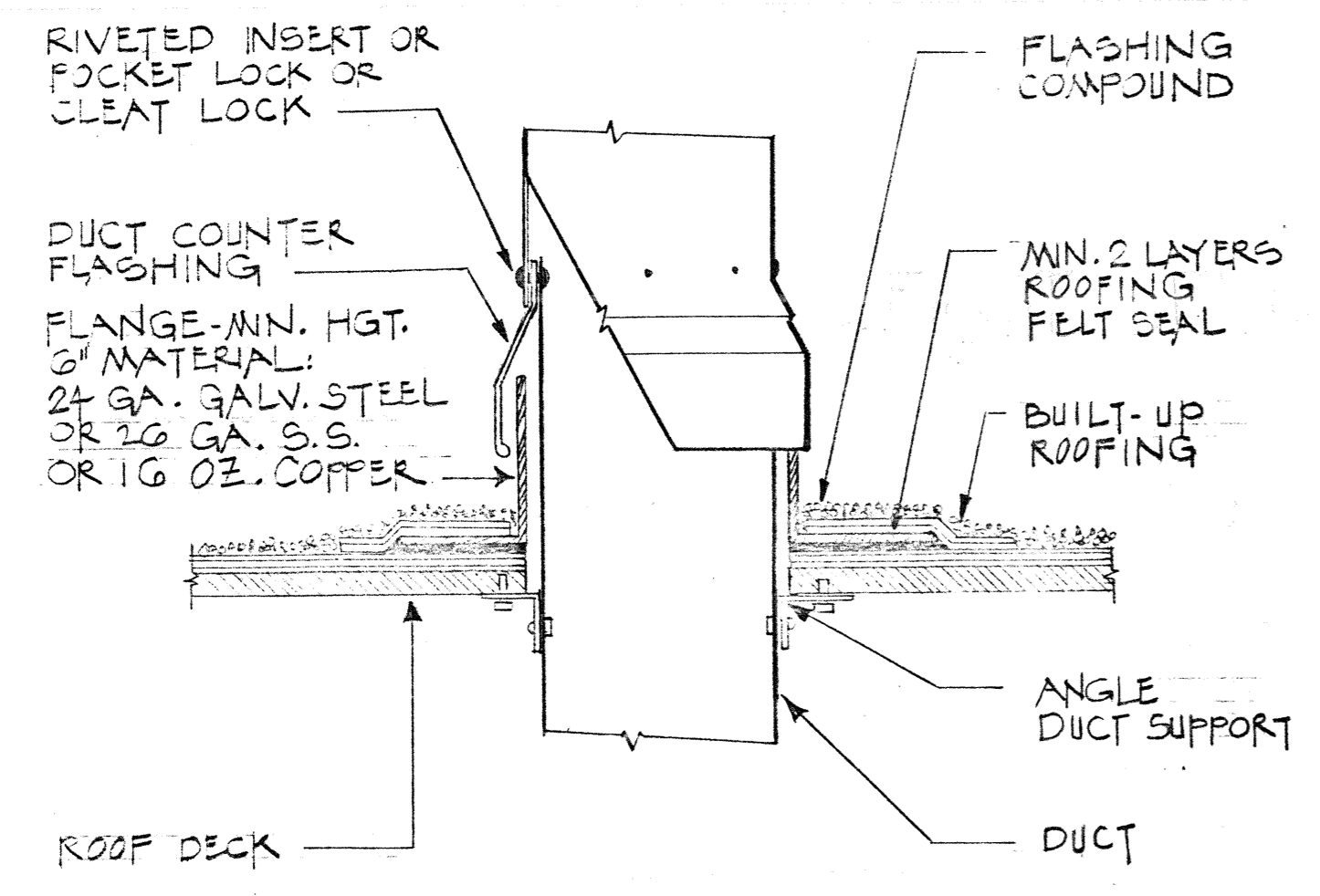
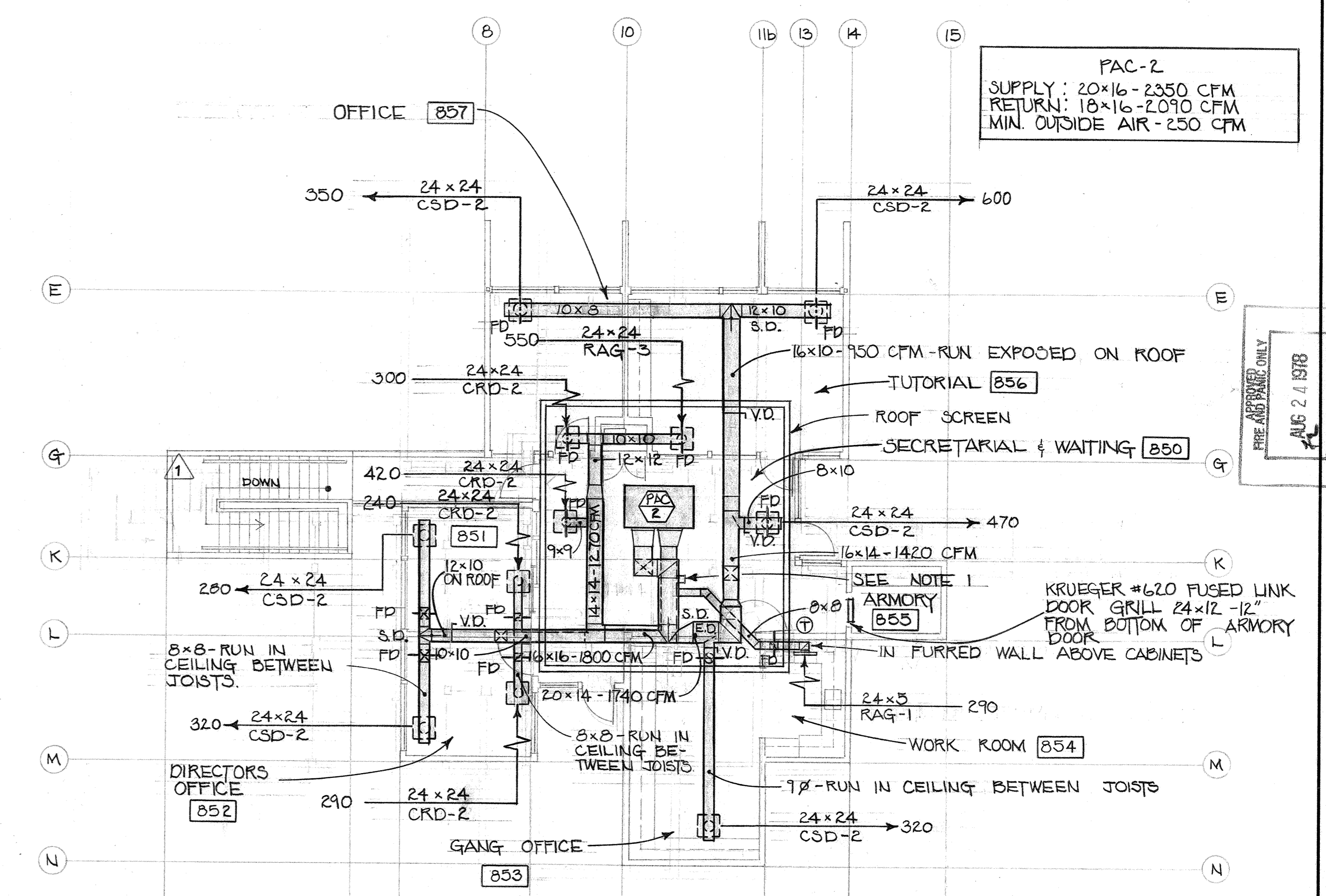
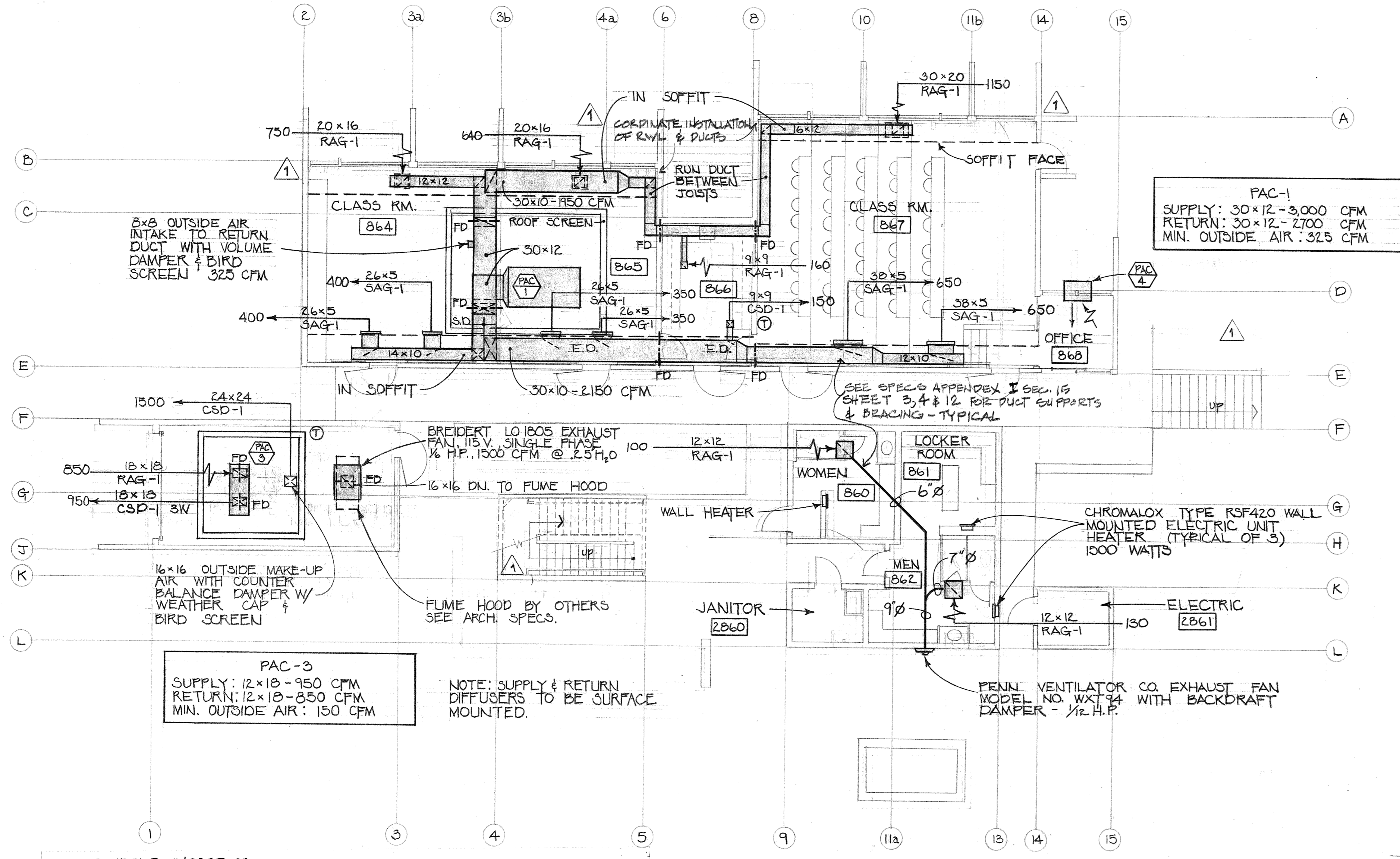
APPROVED: [Signature]

DATE: 3/1/78

AS BUILT JUN 80

OFFICE OF THE STATE ARCHITECT  
 STRUCTURAL SAFETY SECTION  
 APPROVED APR 12 1978  
 41093  
 REGISTERED PROFESSIONAL ENGINEER - MECHANICAL  
 DAVID K. LOW # 14898  
 3/27/78

All equipment shall be securely fastened to the structure  
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FIRST FLOOR PLAN  
 SCALE: 1/8" = 1'-0"

SECOND FLOOR PLAN  
 SCALE: 1/8" = 1'-0"

DETAIL OF PAC ROOF MOUNTING CURB  
 SCALE: 1/2" = 1'-0"

PAC #	MFR. (OR APPROVED EQUAL)	MODEL	SERVICE	CAPACITY, MBH		CFM	ESP	EAT °F		LAT °F		MOTOR			UNIT WEIGHT LBS.	
				COOLING	HEATING			COOLING DB	WB	COOLING DB	WB	MCA	VOLT	PH		FLA
1	LENNOX	GC33-153-250	1 <sup>ST</sup> FLOOR	102	187.5	2,000	.47	77	62	56	55	26.1	460	3	22.6	2,000
2	LENNOX	GC33-153-120-150	2 <sup>ND</sup> FLOOR	59	112.5	2,350	.43	77	62	56	55	26.1	460	3	22.6	2,000
3	LENNOX	GC54-261-60	FIRE SCIENCE	24	45	950	.30	77	62	56	55	208/220	1	2.0	600	
4	AMERICAN AIR FILTER	ENERSAVER 7**	OFFICE # 868	7.0	7.2	310/250	-	-	-	-	-	208/240	1	2.64	225	

\*\* WITH 4.3 KW AUX. ELECTRIC HEATER (14.5 MBH) 208 V. - SINGLE PHASE \* MINIMUM CIRCUIT AMPACITY  
 LENNOX UNITS TO BE FURNISHED WITH ROOF MOUNTING CURB (SEE DETAIL 4-M1) & ROOM THERMOSTAT

MARK	FUNCTION	ODD (✓)	BARBER COLMAN MODEL #	REMARKS
CSD-1	CEILING SUPPLY/RETURN DIFFUSER	✓	SFSC	
CRD-1	CEILING SUPPLY/RETURN DIFFUSER	✓	PBSV/PASV	
CRD-2	PERFORATED PLATE	✓	GEA V/GESY	
SAG-1	SUPPLY/RETURN AIR GRILL	✓	GEA V/GESY	

\* APPROVED EQUAL OF TITUS, TUTTLE & BAILEY OR ANEMOSTAT ACCEPTABLE  
 \*\* OPPOSED BLADE DAMPER

SYMBOL	DEFINITION
SD	SIZE (NECK SIZE) - DIFFUSION PATTERN - CFM SUPPLY DIFFUSER (SEE SCHEDULE)
RAAG	SIZE (NECK SIZE) - CFM RETURN AIR GRILL (SEE SCHEDULE)
SECTION THRU SUPPLY DUCT	
SECTION THRU RETURN DUCT	
ED	EXTRACTION DAMPER
VD	VOLUME DAMPER
SD	SPLITTER DAMPER
⊕	WALL THERMOSTAT WITH LOCKING CLEAR PLASTIC COVER & MOUNTED ON 1/2" INSULATING BOARD
FD	FIRE DAMPER

NOTES

1. REFER TO APPENDIX 1 SECTION 15 OF THE SPECIFICATIONS FOR SEISMIC BRACING OF DUCTS.

ARCHITECT: James C. Crossen  
 STRUCT. ENGINEER: David K. Low  
 CONSULTING ENGINEER: P. W. Conner

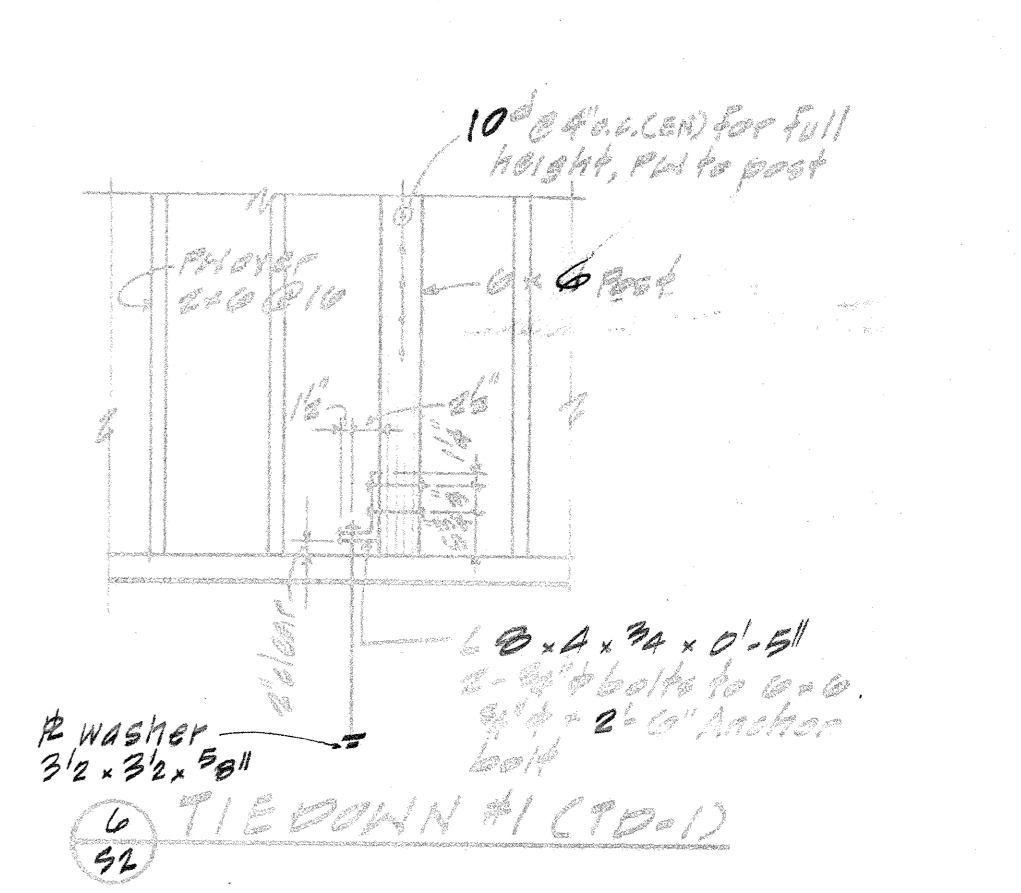
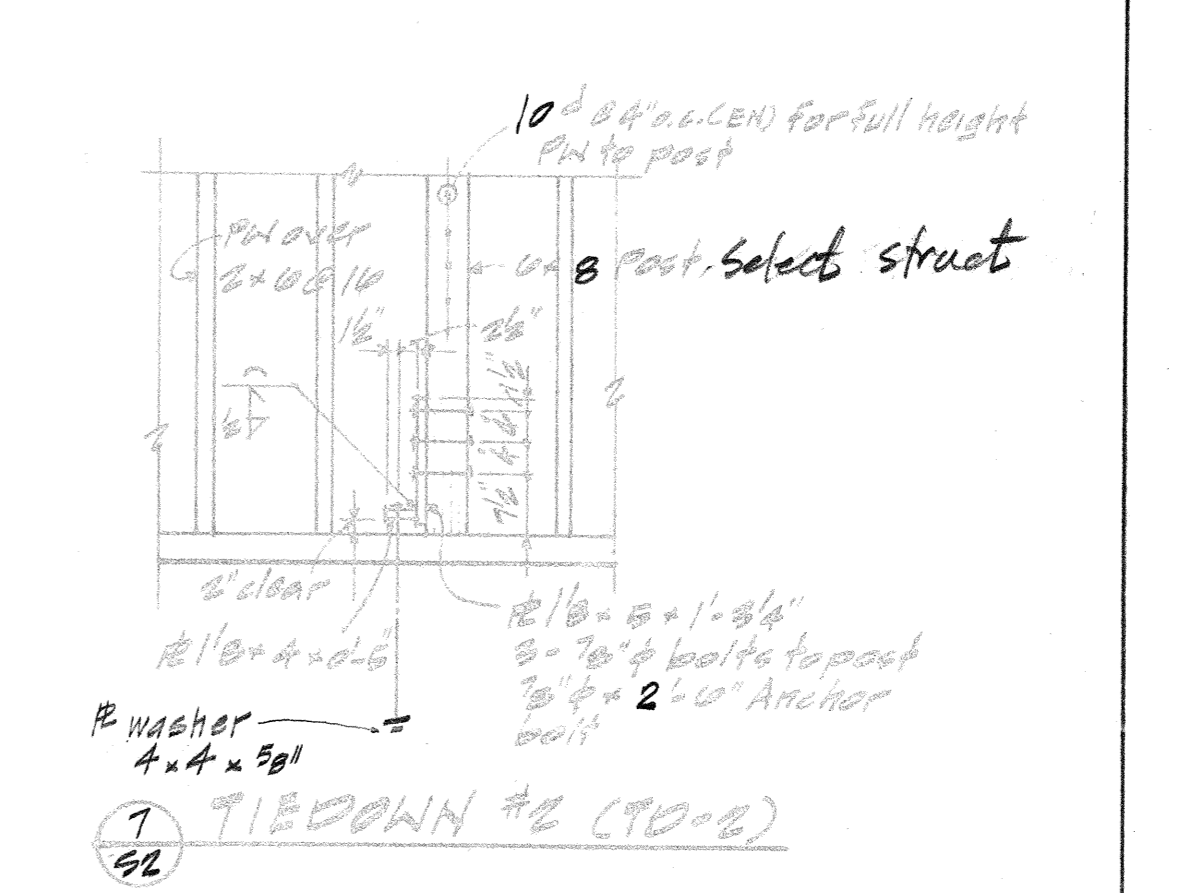
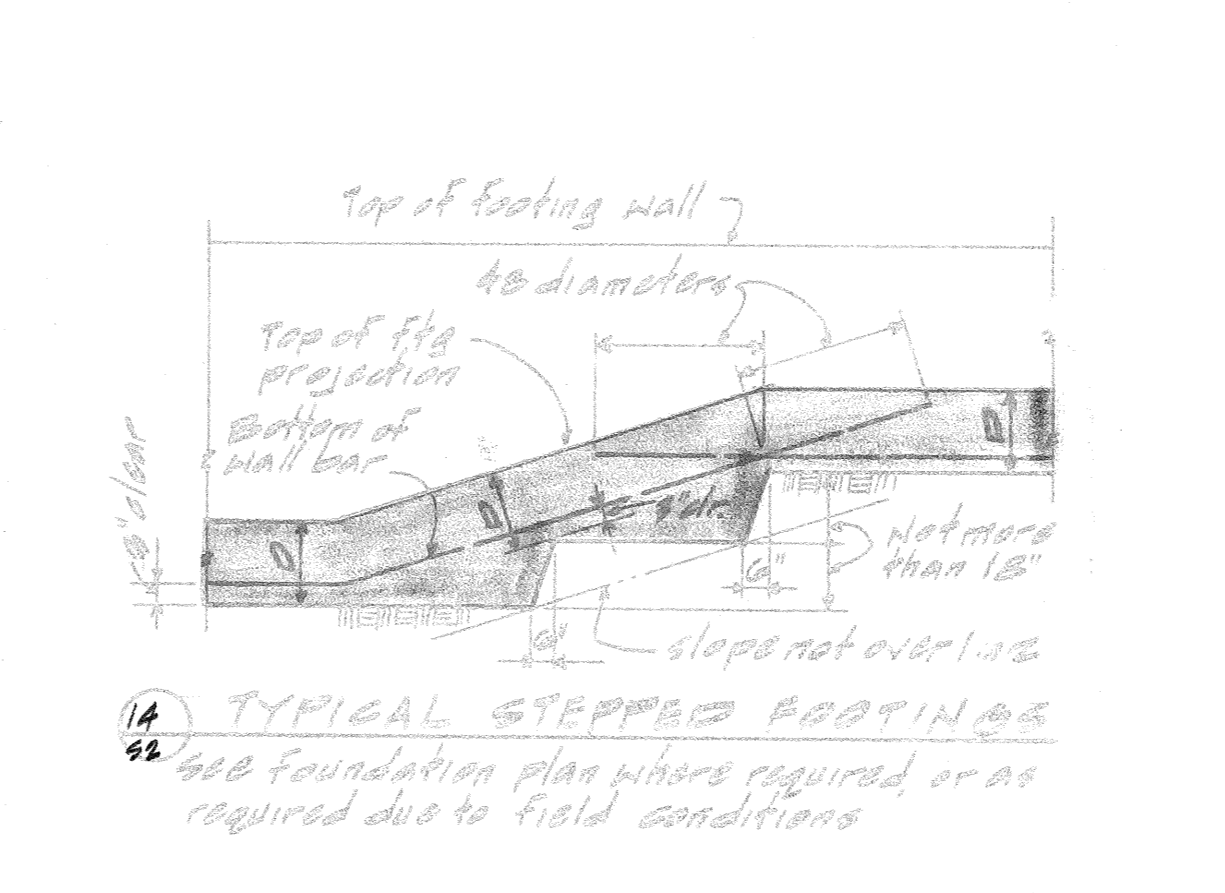
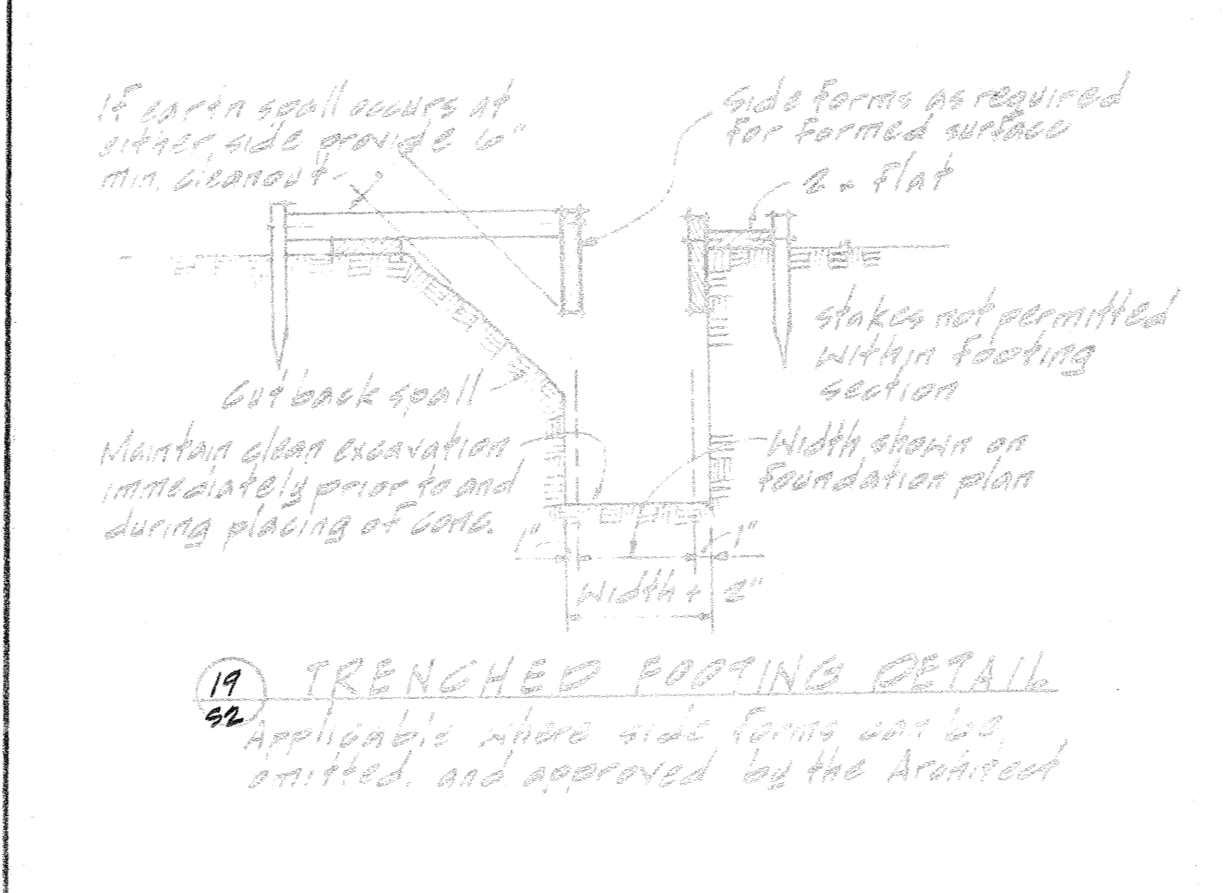
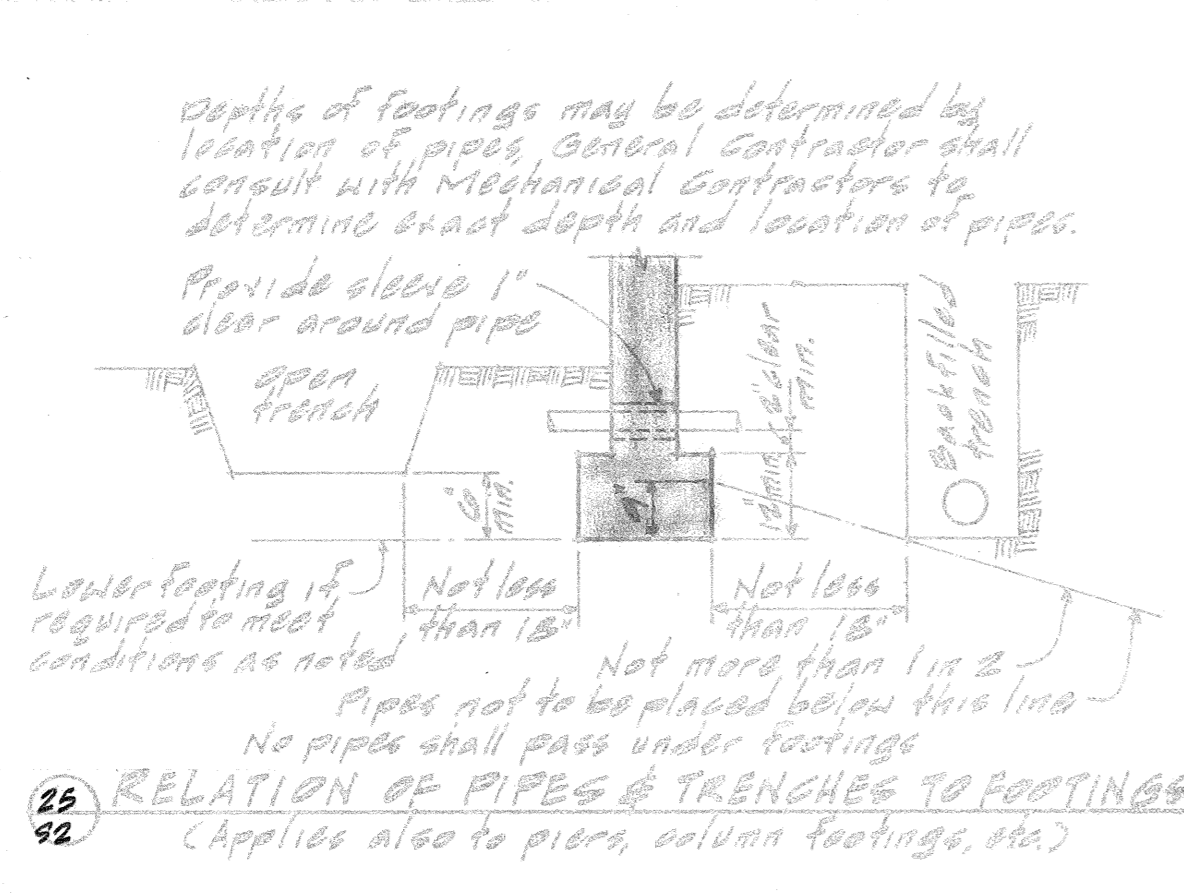
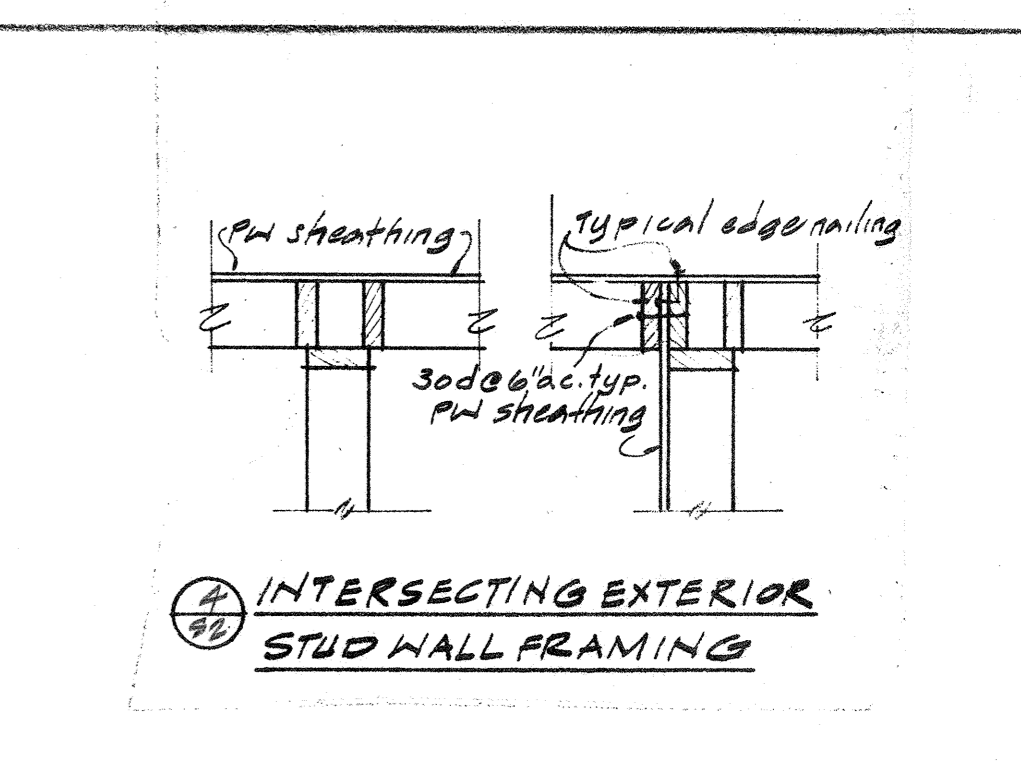
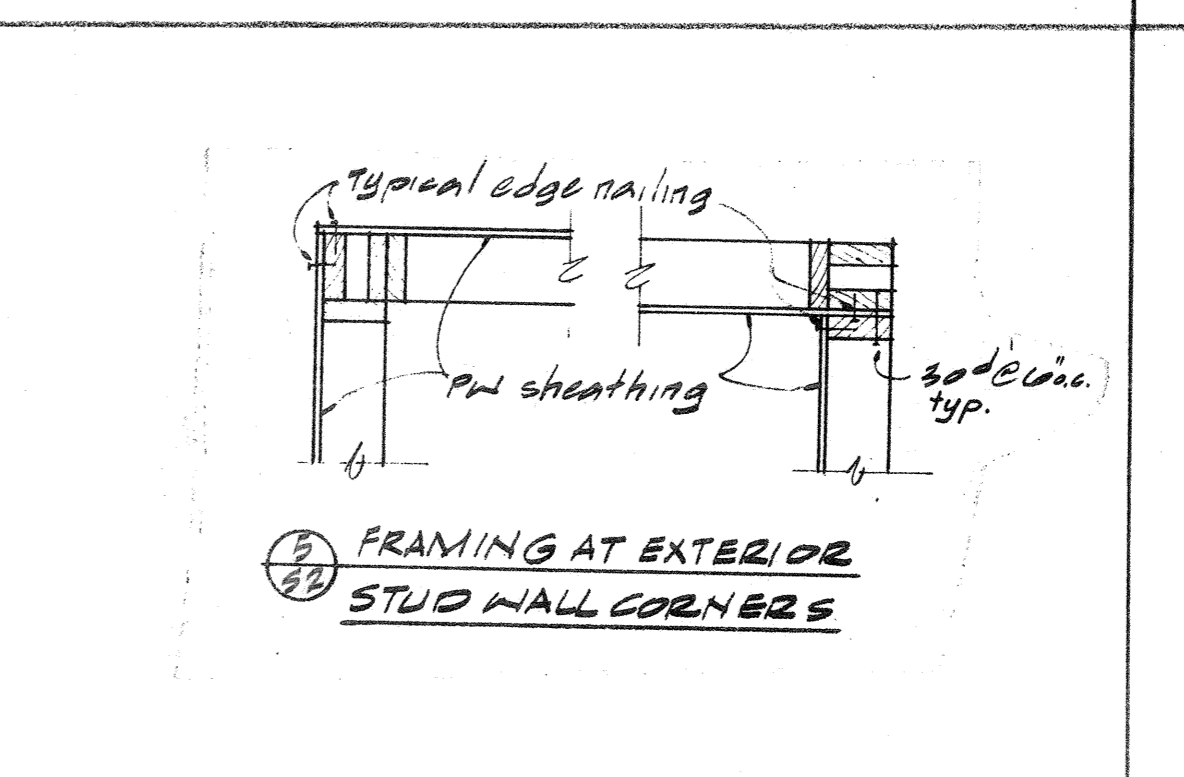
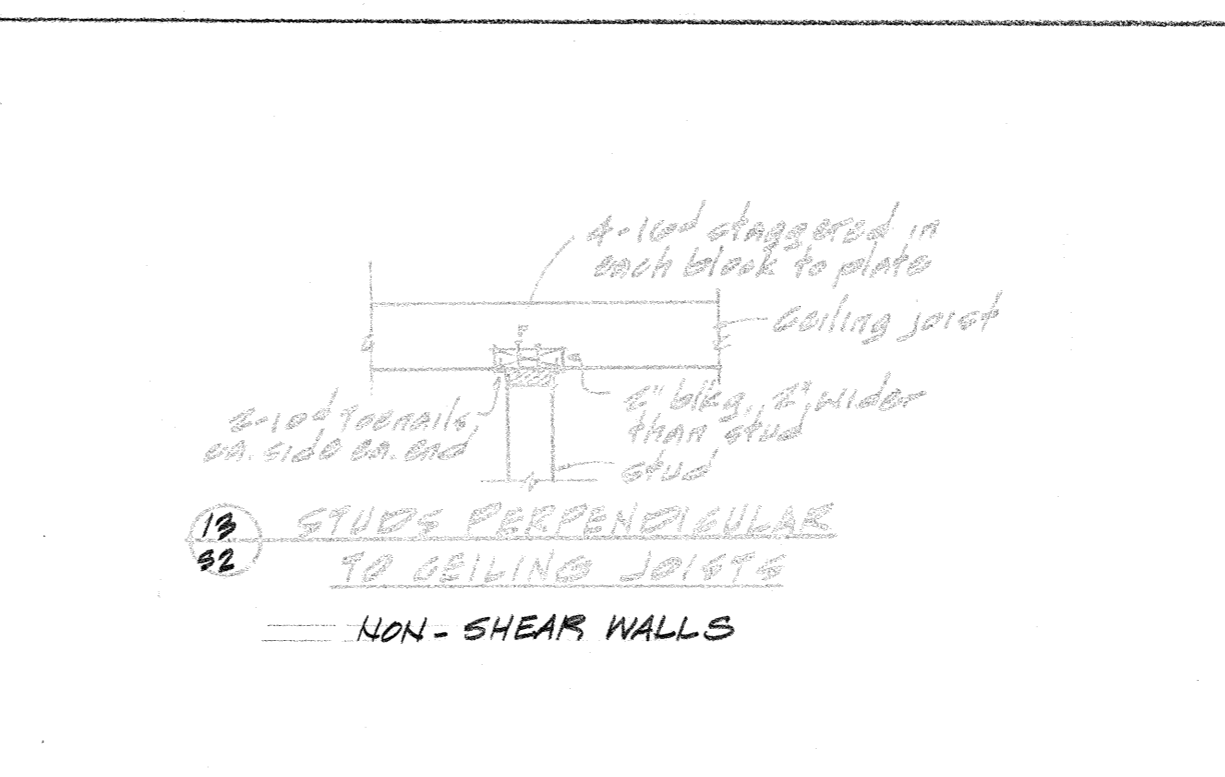
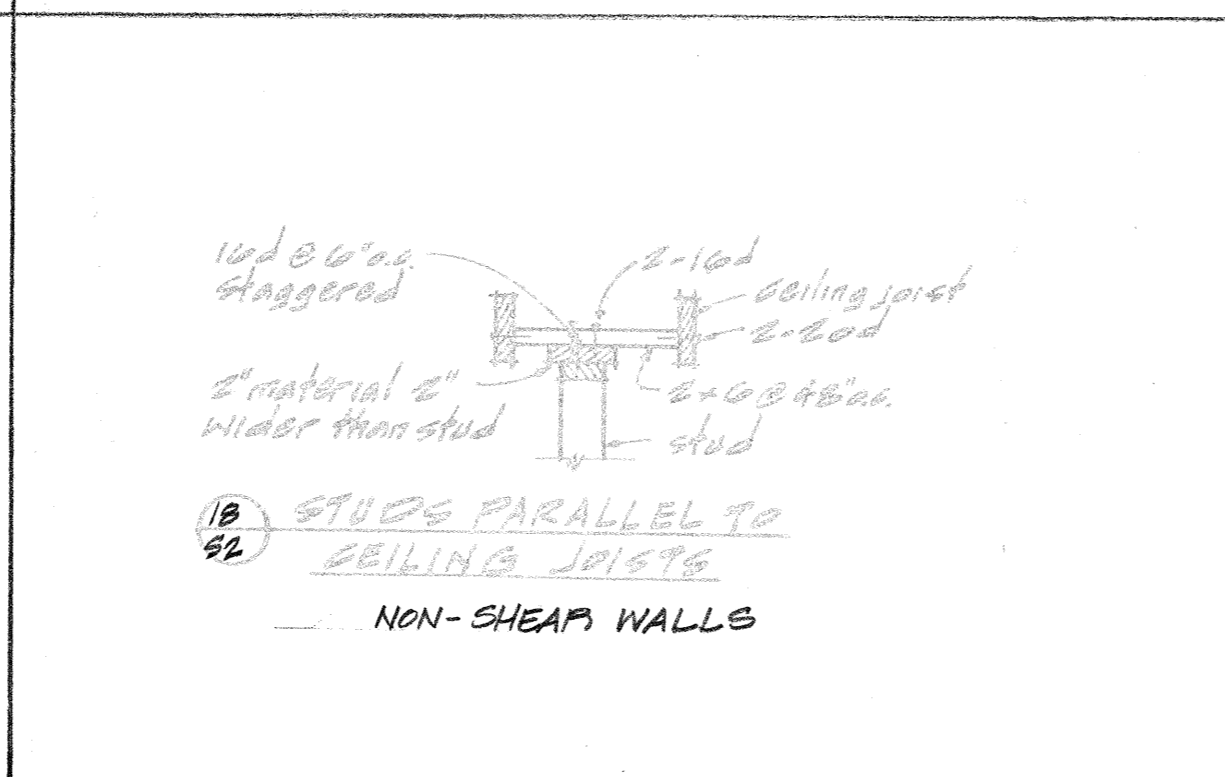
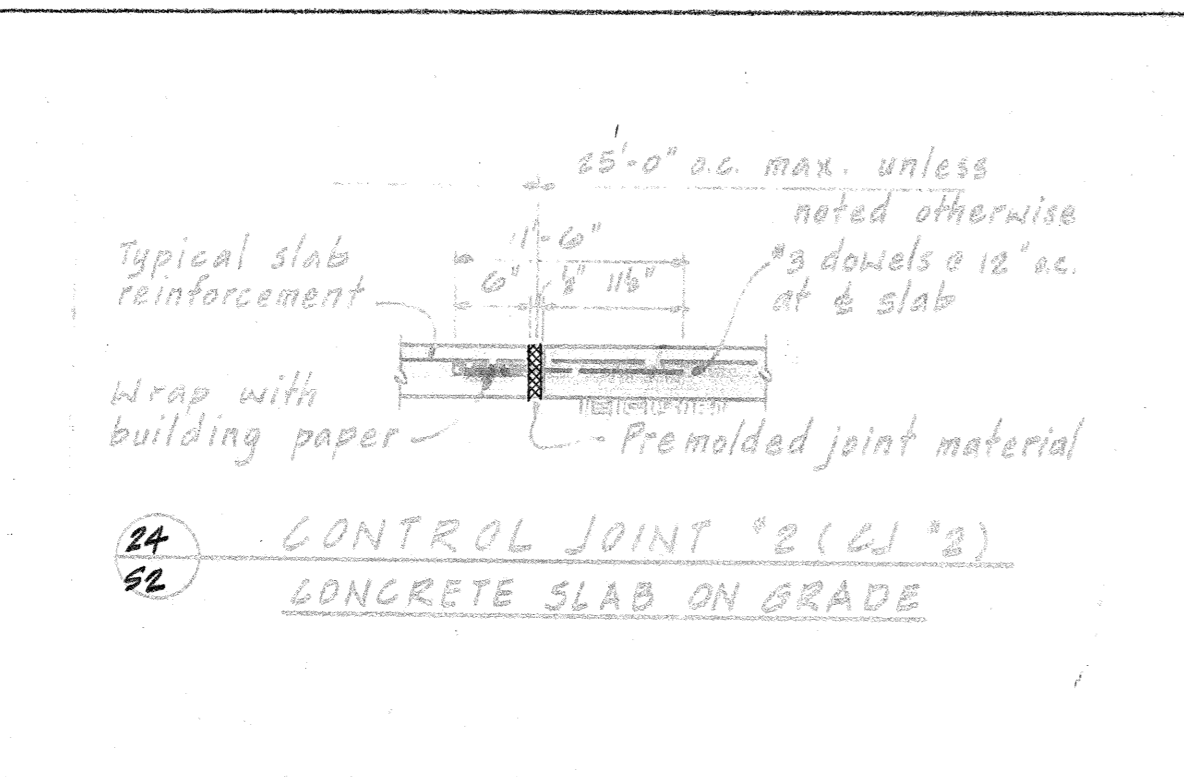
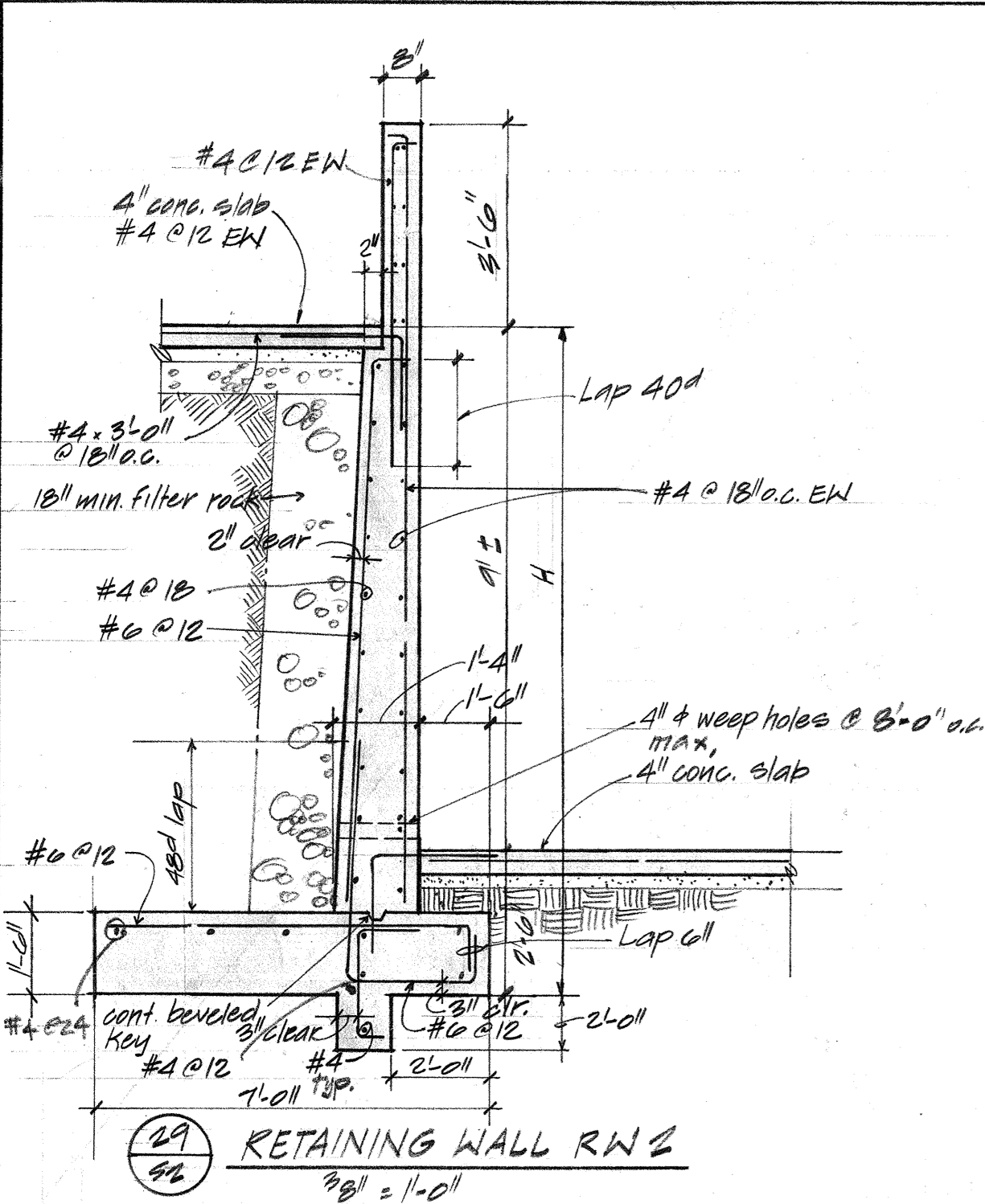
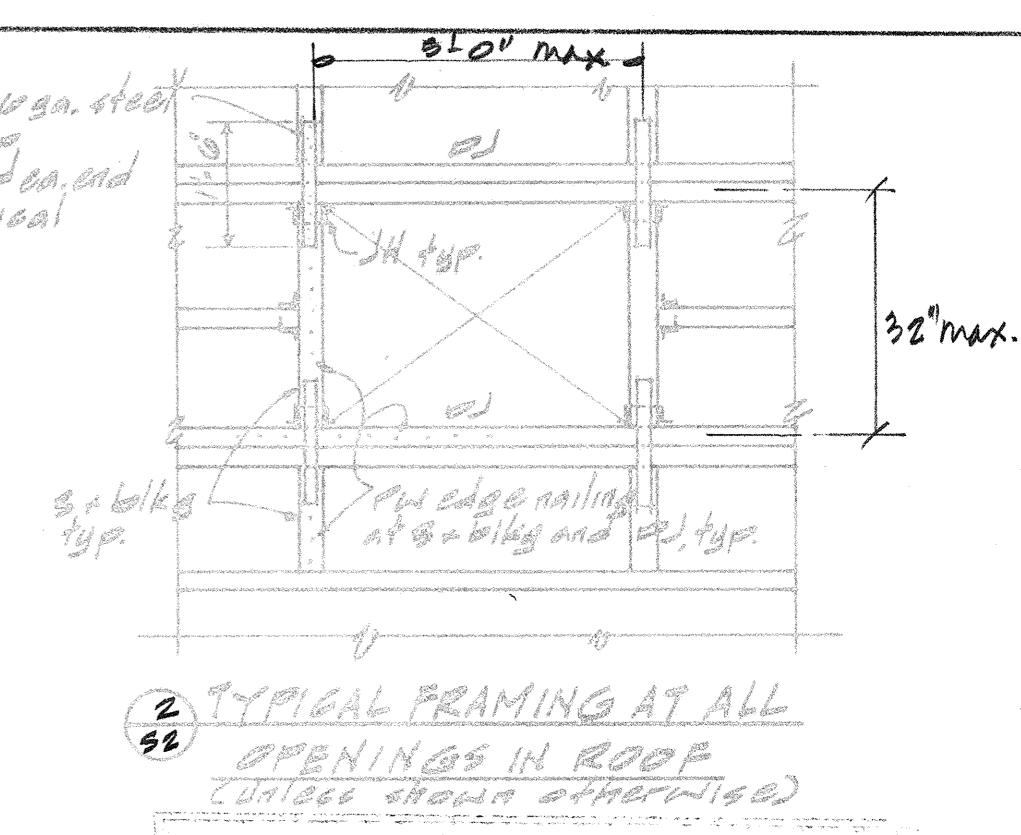
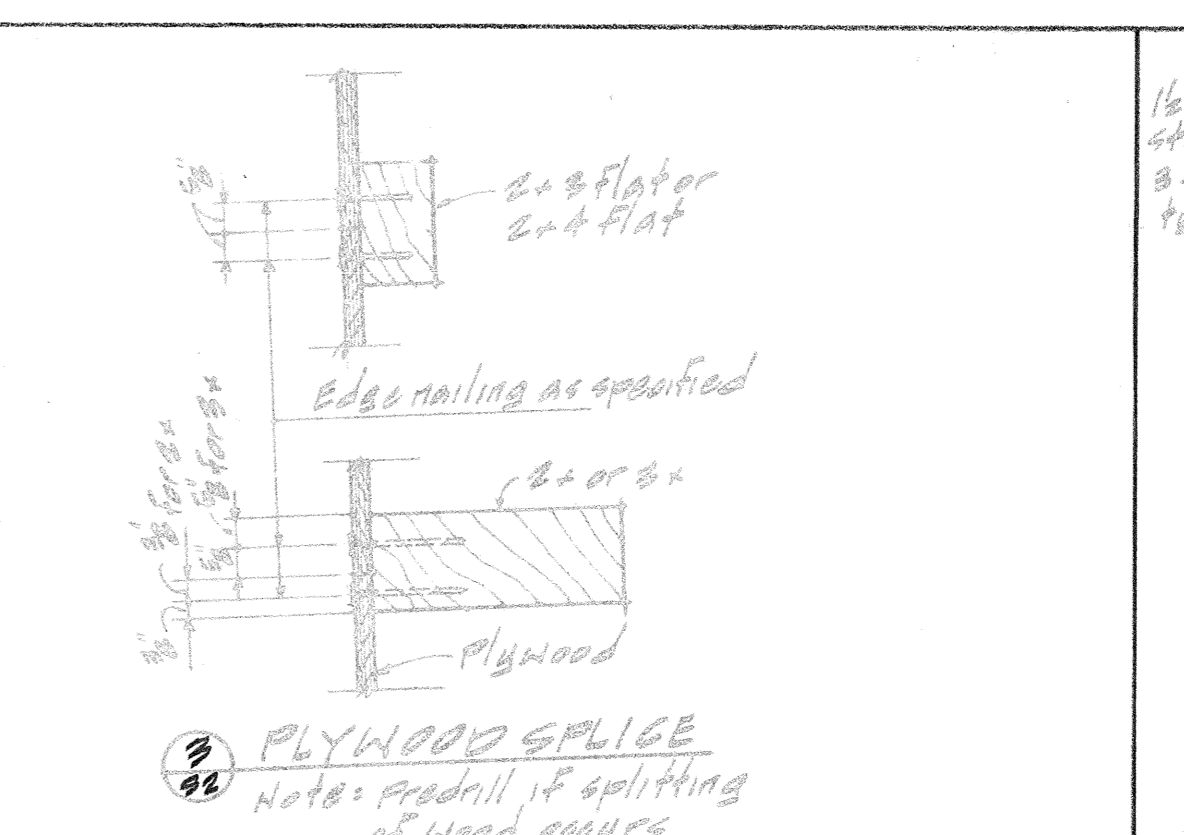
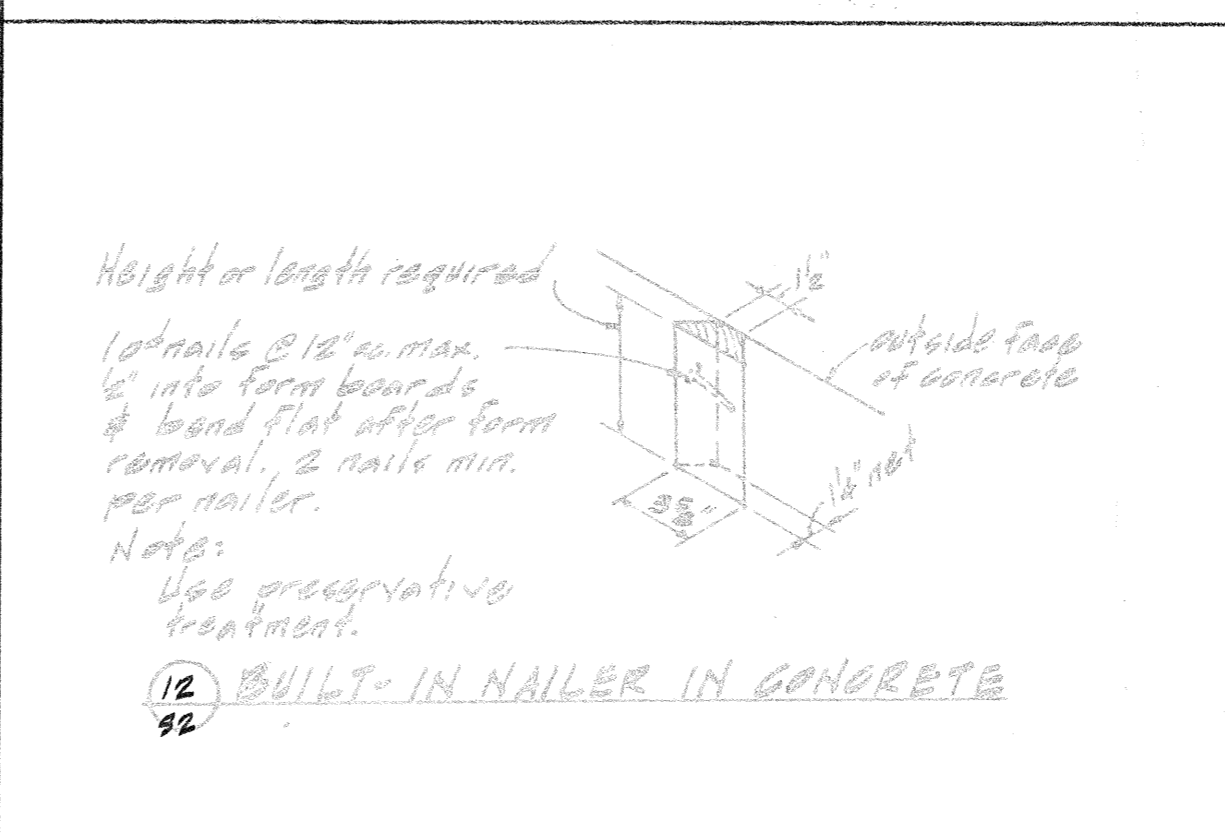
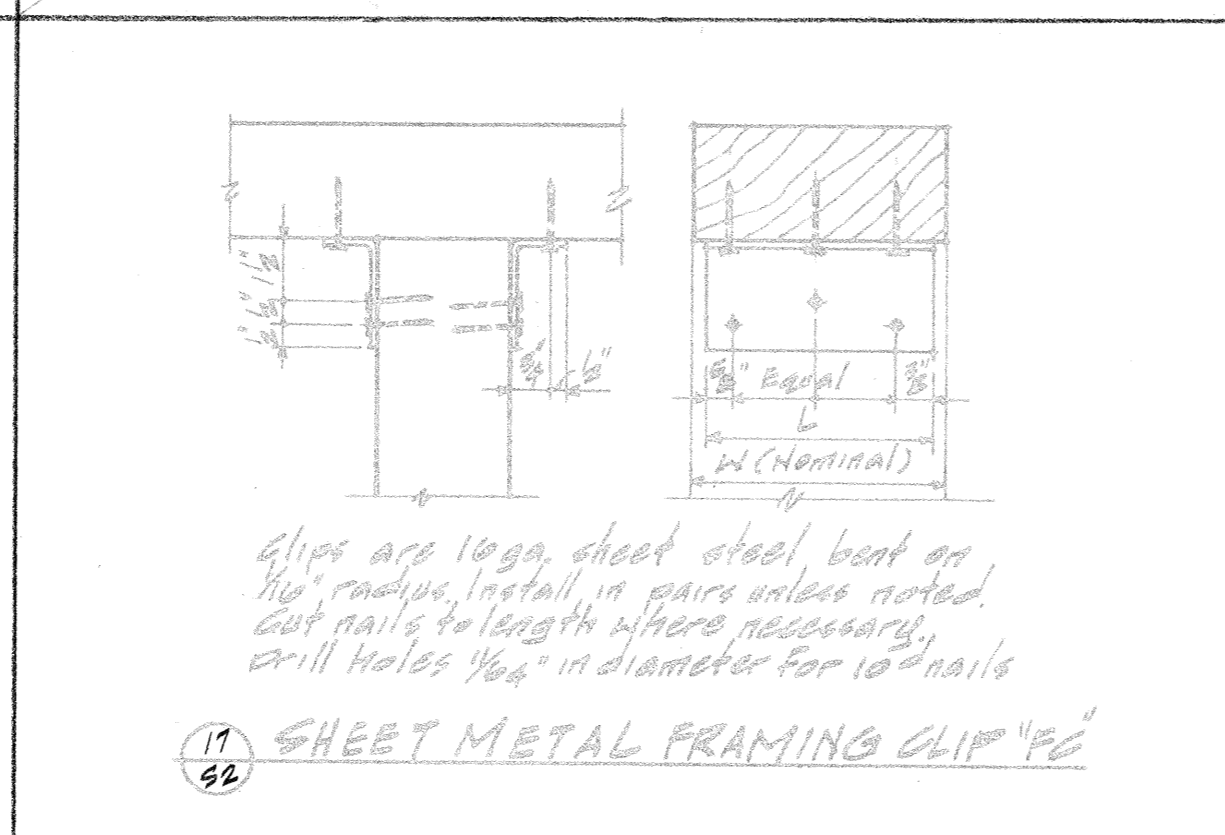
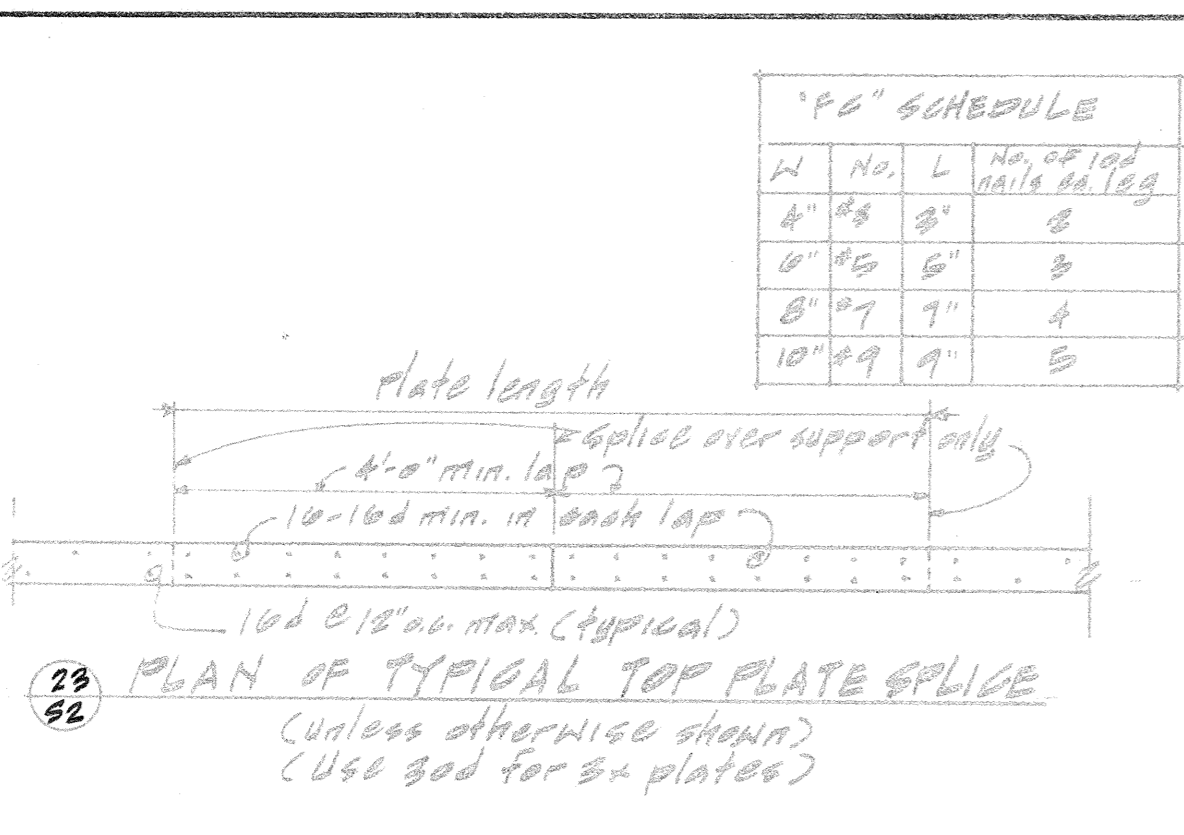
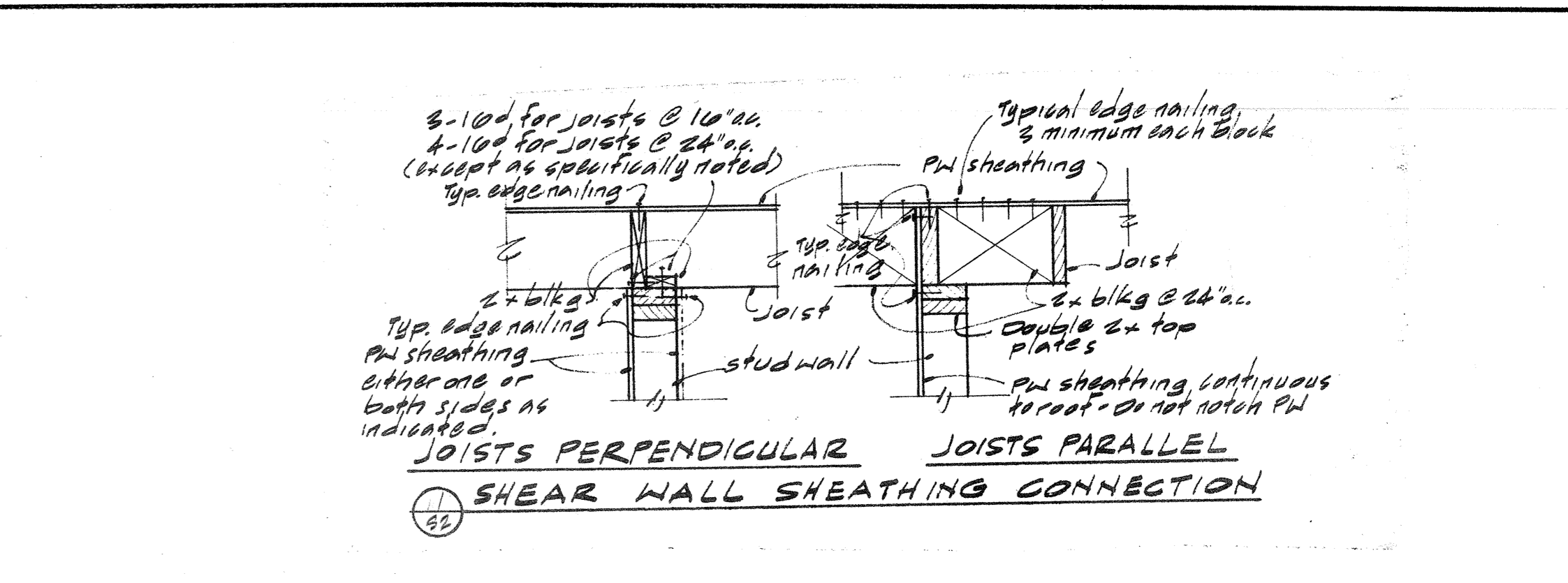
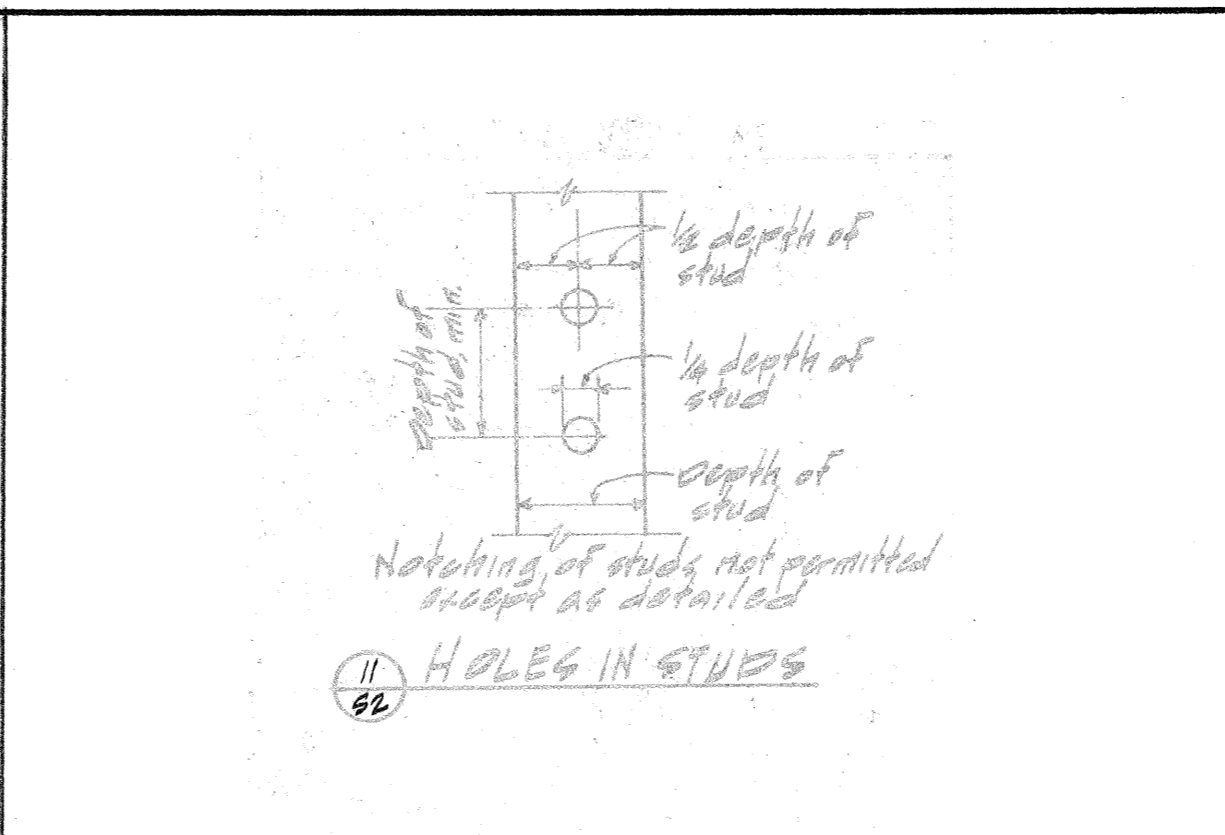
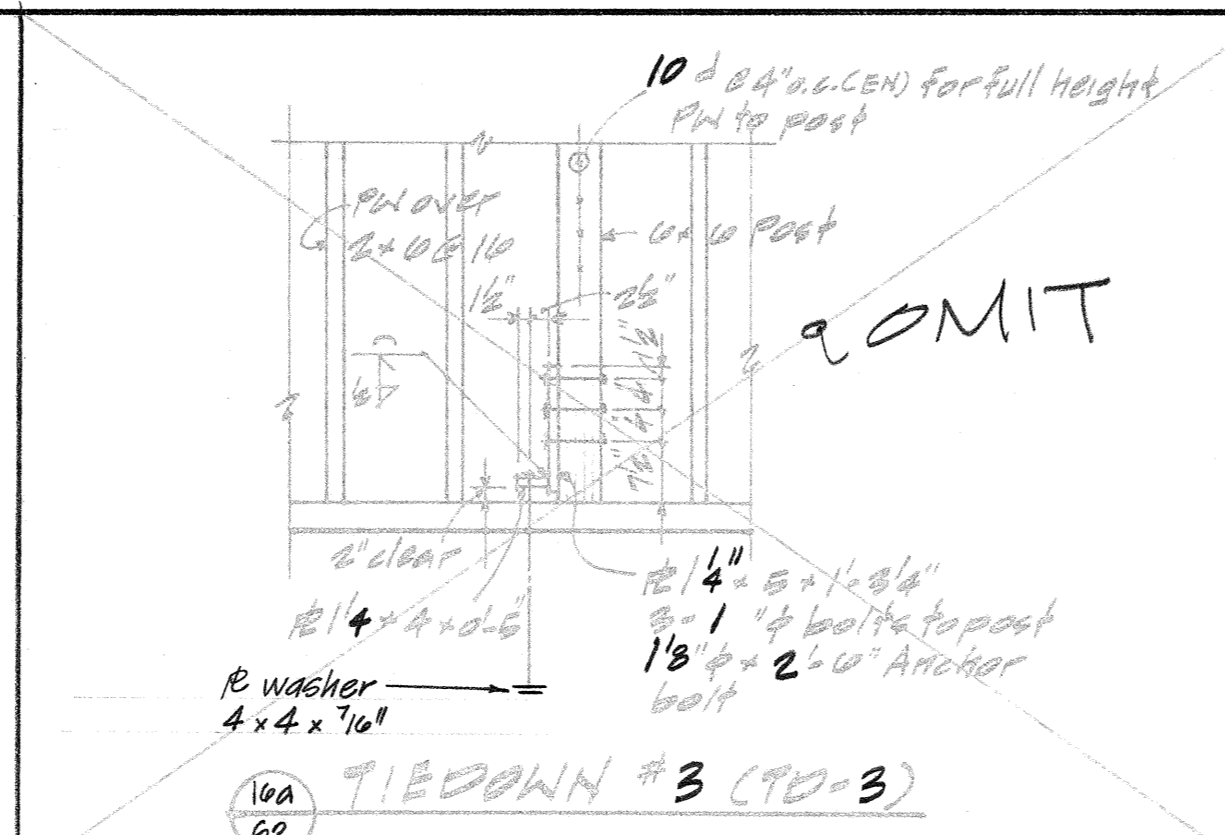
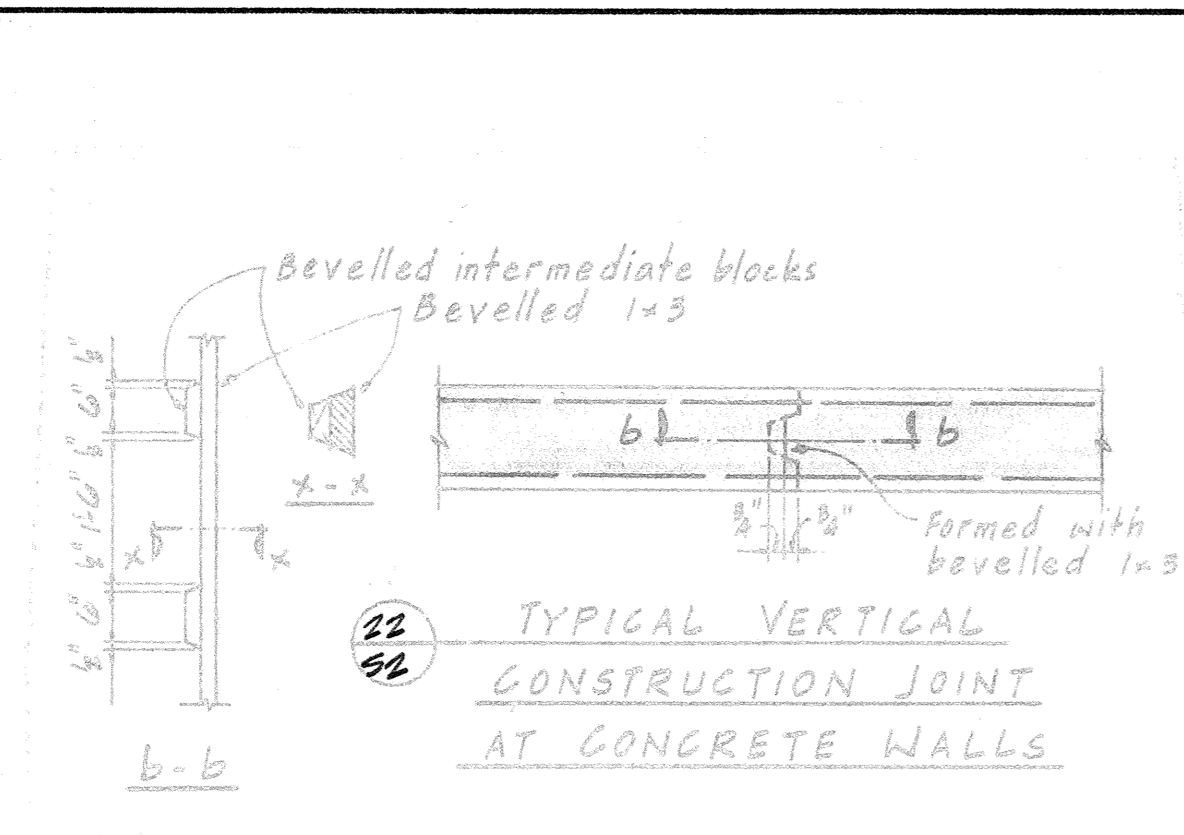
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 (213) 588-1878

APPROVED  
 APR 2 1978  
 STATE FIRE MARSHAL

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 CONFERRER, CROSSEN & INANCE  
 1200 CONNERA COSTA BLVD., CONCORD, CALIF. 94608  
 E. A. COMETTA, J. S. NANCE, ARCHITECT  
 P. D. CIANCHI, ARCHITECT - ASSOCIATED ARCHITECTURAL FIRMS

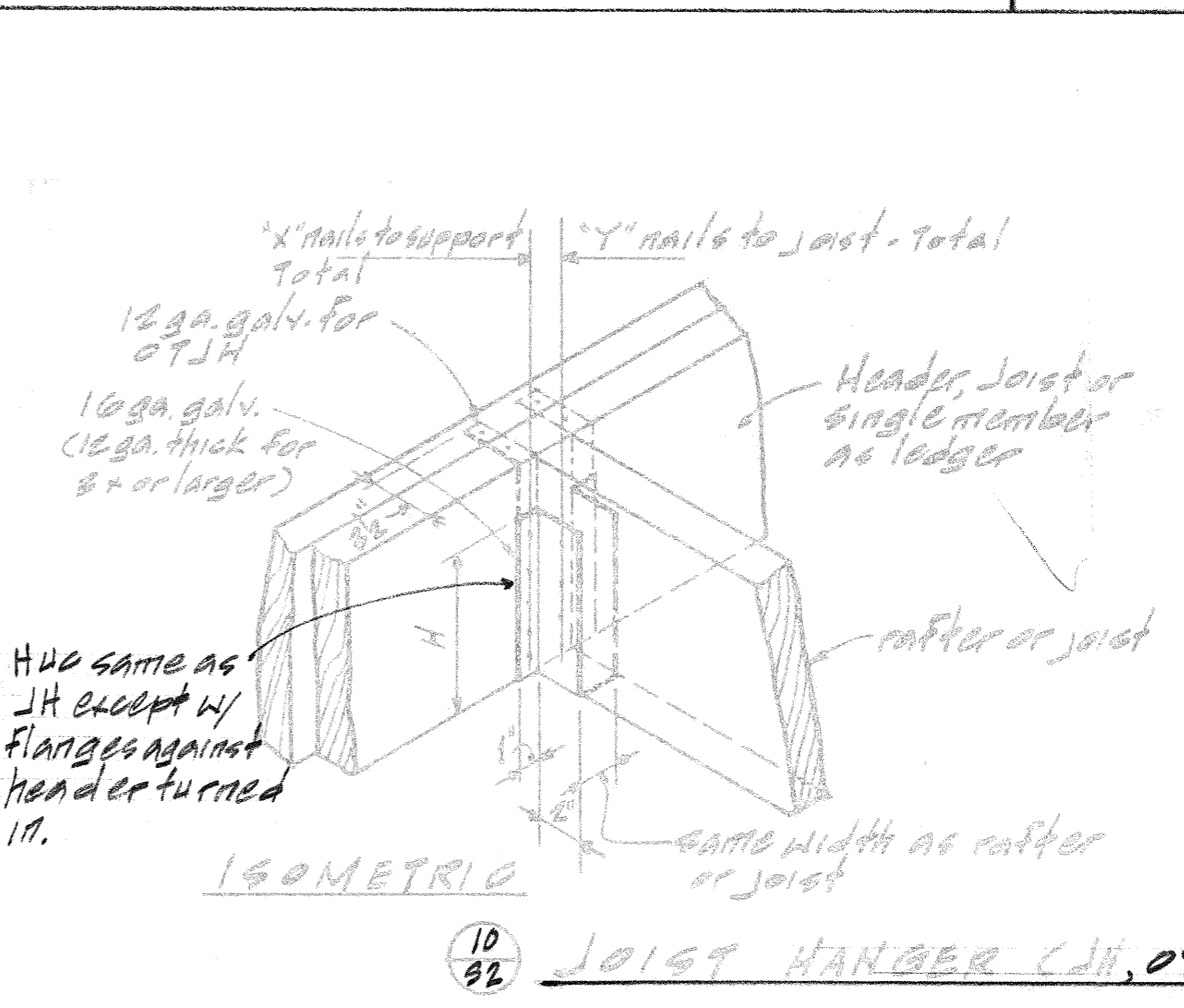
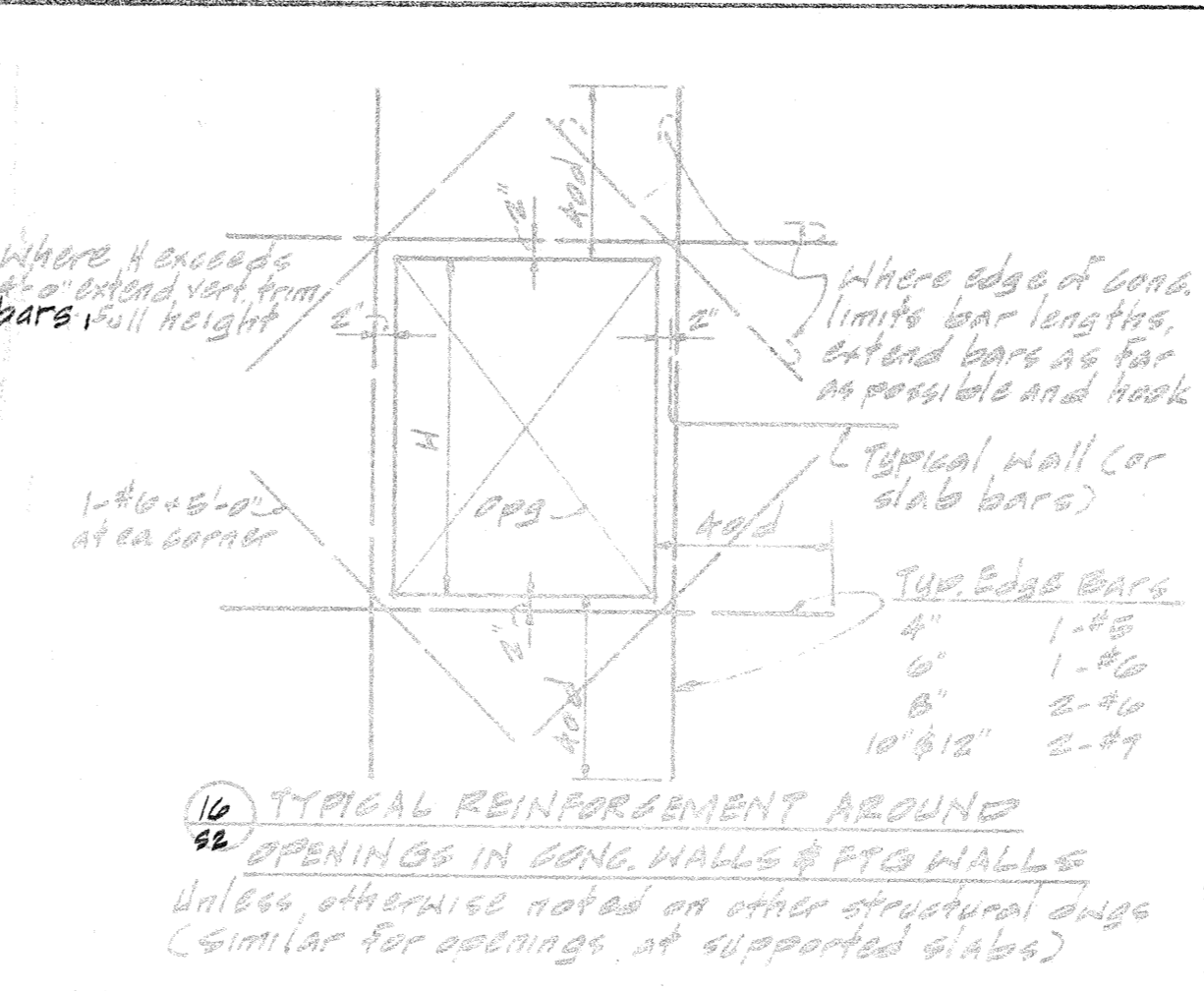
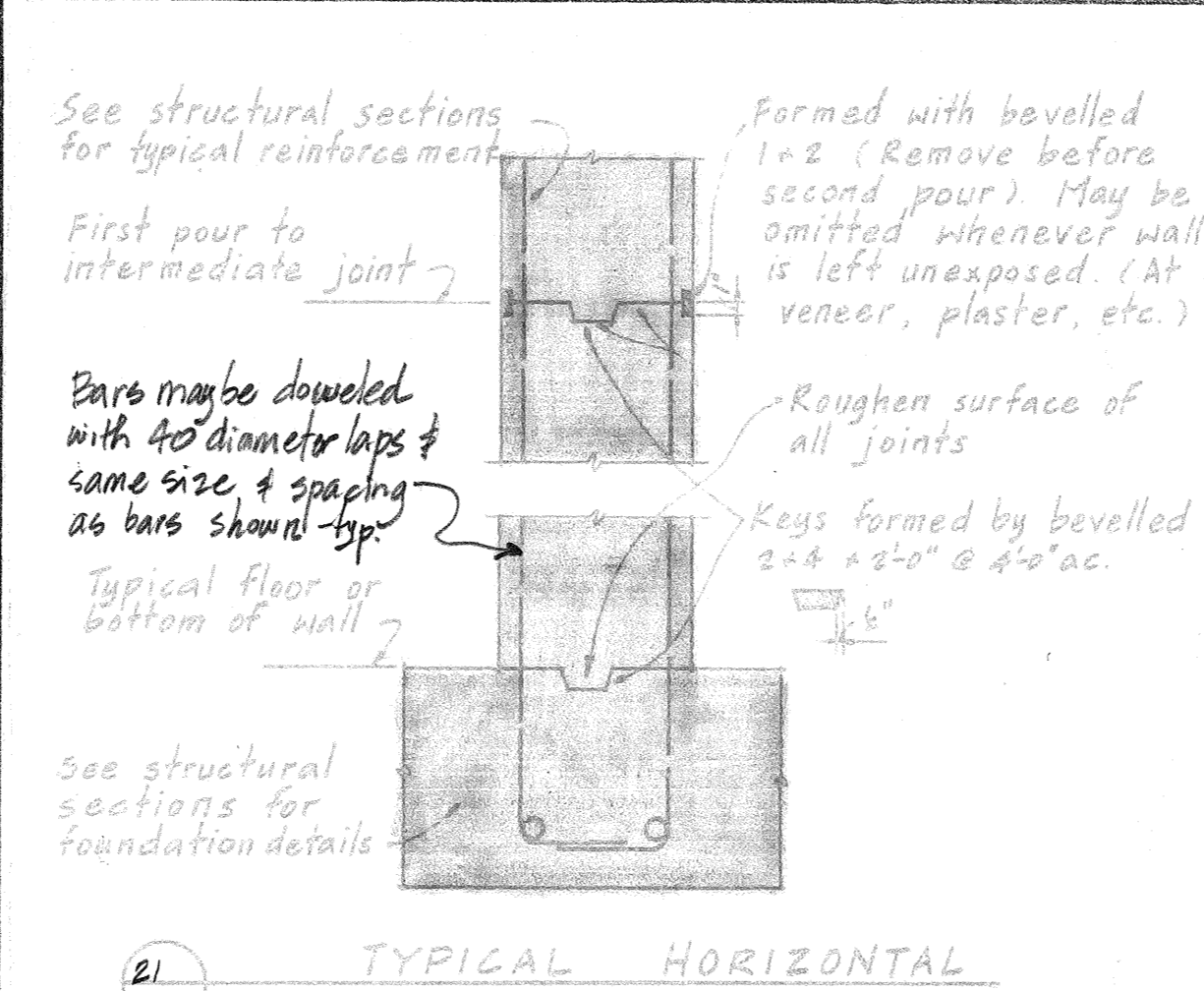
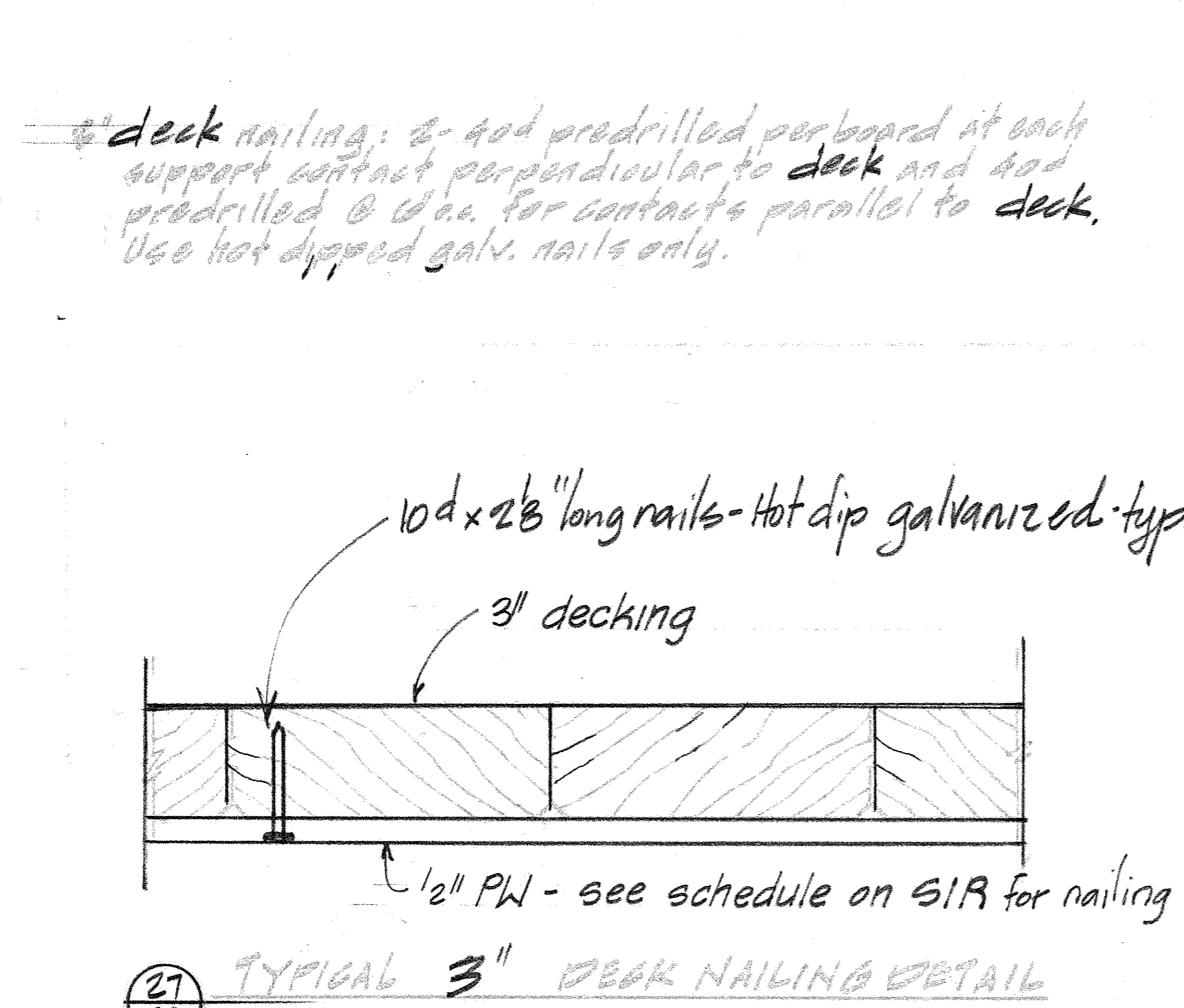
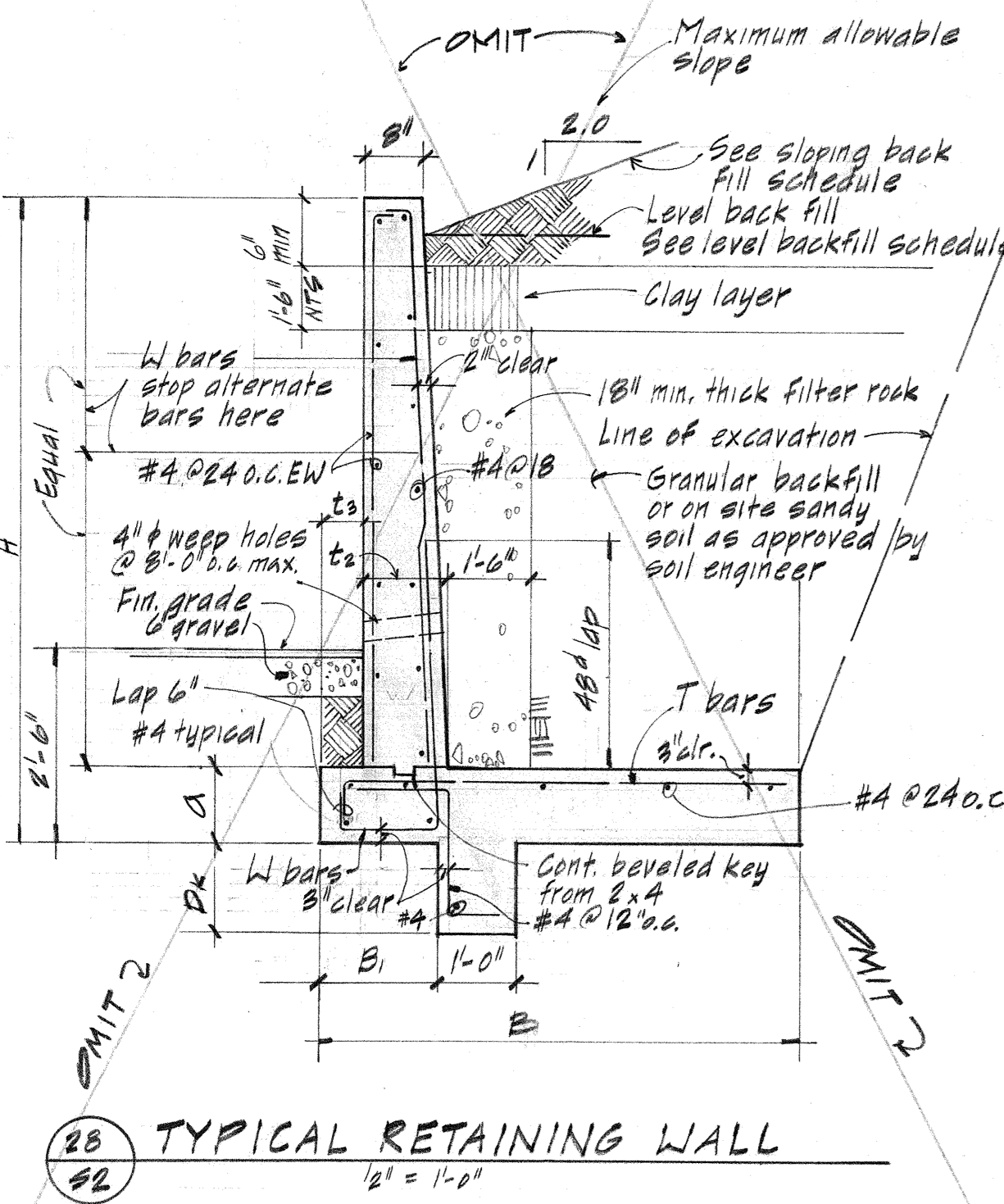
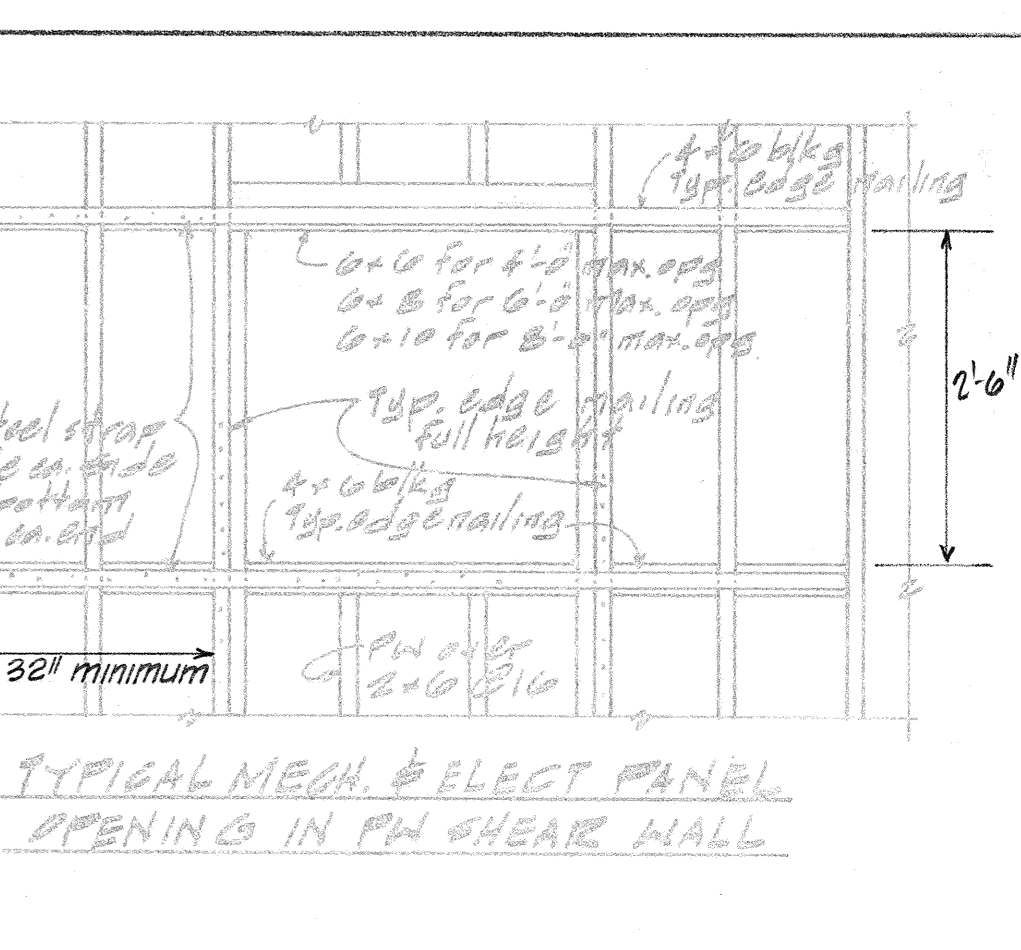
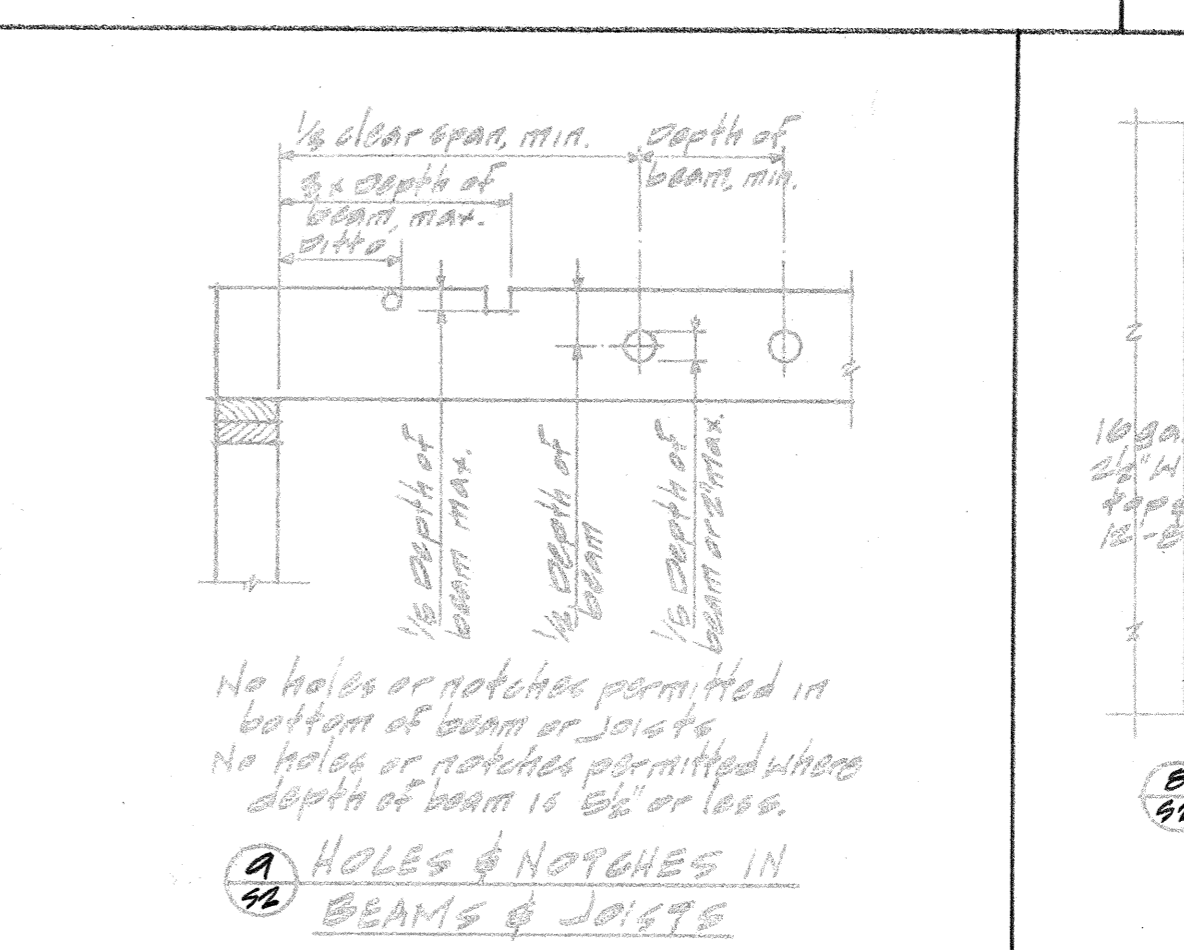
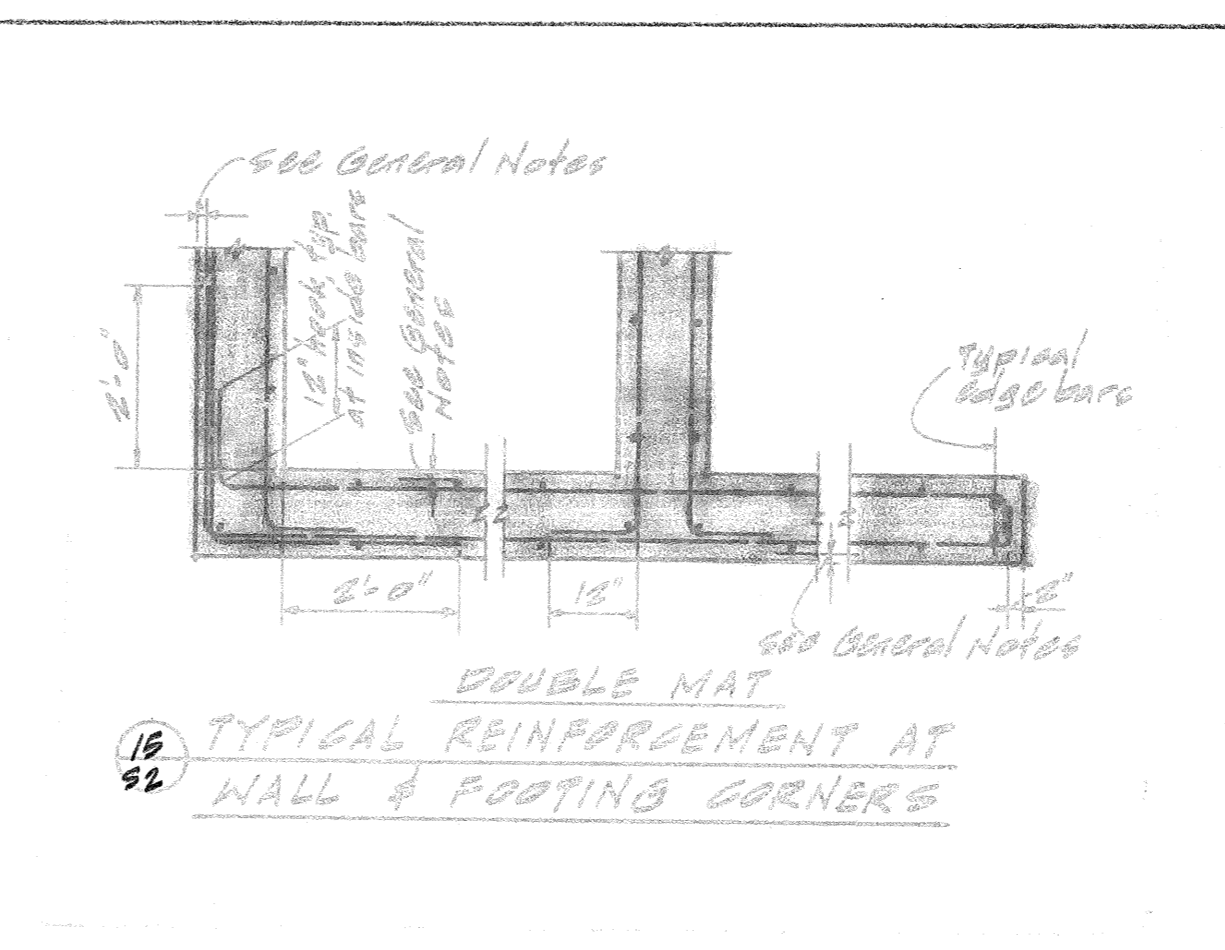
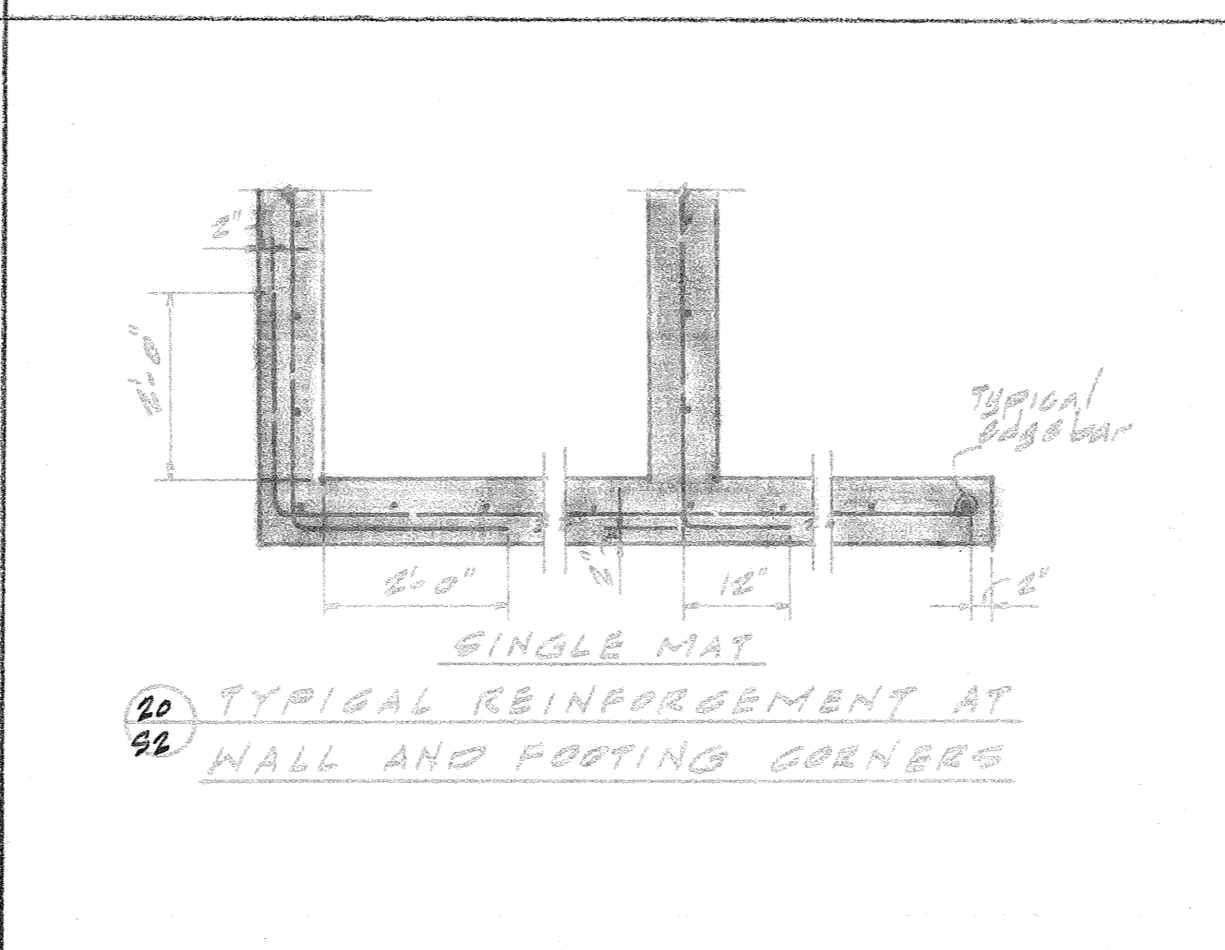
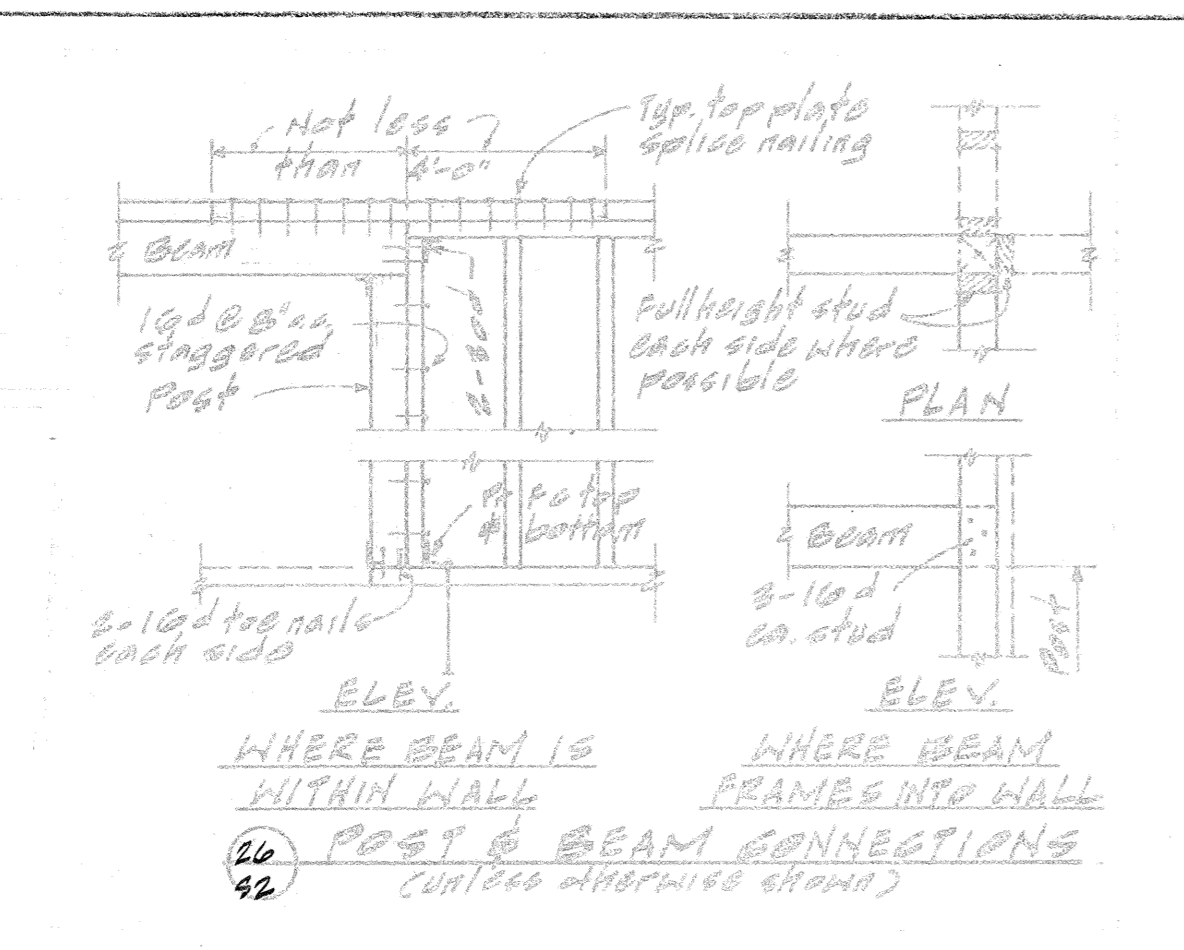
HVAC PLAN, SCHEDULE & DETAILS  
 ADMINISTRATION OF JUSTICE CENTER  
 TRAINING CENTER  
 LOS MEDANOS COLLEGE  
 PITTSBURG, CALIFORNIA

DATE: 3/12/78  
 MARCH 23, 1978  
 JOB No. 890-76



RETAINING WALL SCHEDULE - Sloping & Level Backfill

Height	Base	Top	Depth	W/T Bars	Top	Bottom	Notes
3'-0" - 4'-0"	2'-0"	2'-0"	0'-0"	#4 @ 12" o.c.	5'	6'	12'-0"
4'-0" - 6'-0"	2'-0"	3'-0"	0'-0"	#5 @ 12" o.c.	5'	6'	12'-0"
6'-0" - 8'-0"	2'-0"	4'-0"	1'-0"	#6 @ 12" o.c.	5'	6'	12'-0"
8'-0" - 10'-0"	2'-0"	5'-0"	1'-0"	#4 @ 12" o.c.	5'	6'	12'-0"
10'-0" - 12'-0"	2'-0"	6'-0"	1'-0"	#4 @ 12" o.c.	5'	6'	12'-0"
12'-0" - 14'-0"	2'-0"	7'-0"	1'-0"	#5 @ 12" o.c.	1'-0"	1'-0"	12'-0"
14'-0" - 16'-0"	2'-0"	8'-0"	1'-0"	#6 @ 12" o.c.	1'-0"	1'-0"	12'-0"



JOIST HANGER SCHEDULE

Joist Size	W/H	W/H	W/H	W/H
2x4	4x4	5'	4'-10"	2'-10"
2x6	4x6	5'	4'-10"	2'-10"
2x8	4x8	5'	4'-10"	2'-10"
2x10	4x10	5'	4'-10"	2'-10"
2x12	4x12	5'	4'-10"	2'-10"
2x14	4x14	5'	4'-10"	2'-10"
2x16	4x16	5'	4'-10"	2'-10"
2x18	4x18	5'	4'-10"	2'-10"
2x20	4x20	5'	4'-10"	2'-10"
2x22	4x22	5'	4'-10"	2'-10"
2x24	4x24	5'	4'-10"	2'-10"
2x26	4x26	5'	4'-10"	2'-10"
2x28	4x28	5'	4'-10"	2'-10"
2x30	4x30	5'	4'-10"	2'-10"

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 STRUCT. ENGINEER  
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 OFFICE OF THE STATE ARCHITECT  
 STRUCTURAL SHEET REVIEW  
 APPROVED  
 41093  
 DATE: MAR 29, 1976  
 REV: JULY 20, 1976  
 JOB No. 89-0-70  
 AS BUILT JUN 80