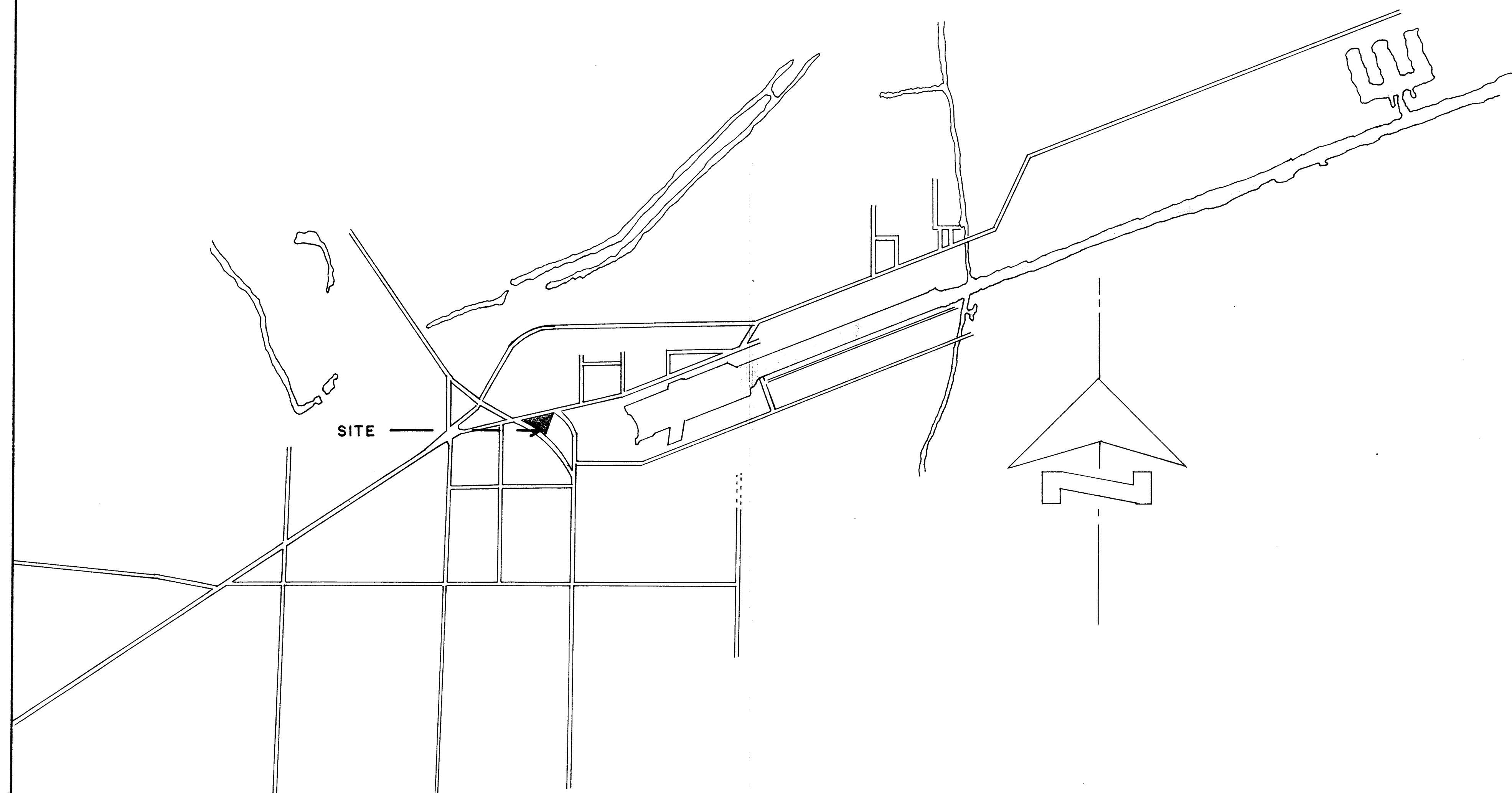




AN OFFICE BUILDING FOR THE BROWNSVILLE NAVIGATION DISTRICT

BOARD OF COMMISSIONERS

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E.G. LANTZ
DIRECTOR OF ENGINEERING & PLANNING

EXISTING 1972 AND 1982
PLAN SETS ARE
INCLUDED FOR
INFORMAITON ONLY

INDEX OF DRAWINGS

GENERAL

- G1 TITLE & COVER SHEET
- G2 SITE PLAN & DETAILS

STRUCTURAL

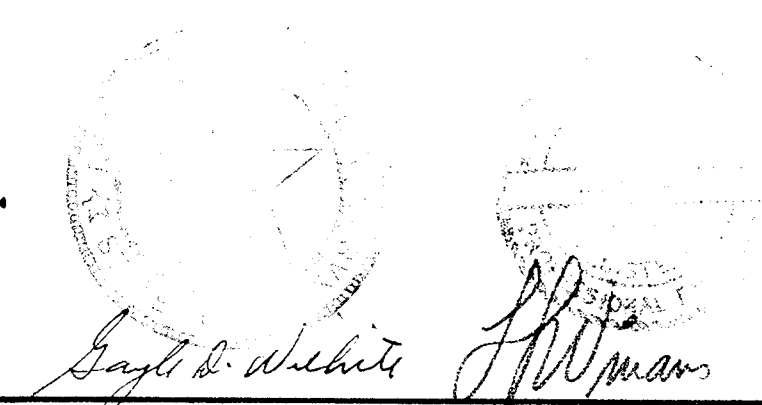
- S1 FOUNDATION PLAN & DETAILS
- S2 FLOOR SLAB PLAN
- S3 STRUCTURAL DETAILS
- S4 ROOF FRAMING PLAN
- S5 STRUCTURAL DETAILS

ARCHITECTURAL

- A1 FLOOR PLAN
- A2 SCHEDULES & MILLWORK
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- A5 DETAILS
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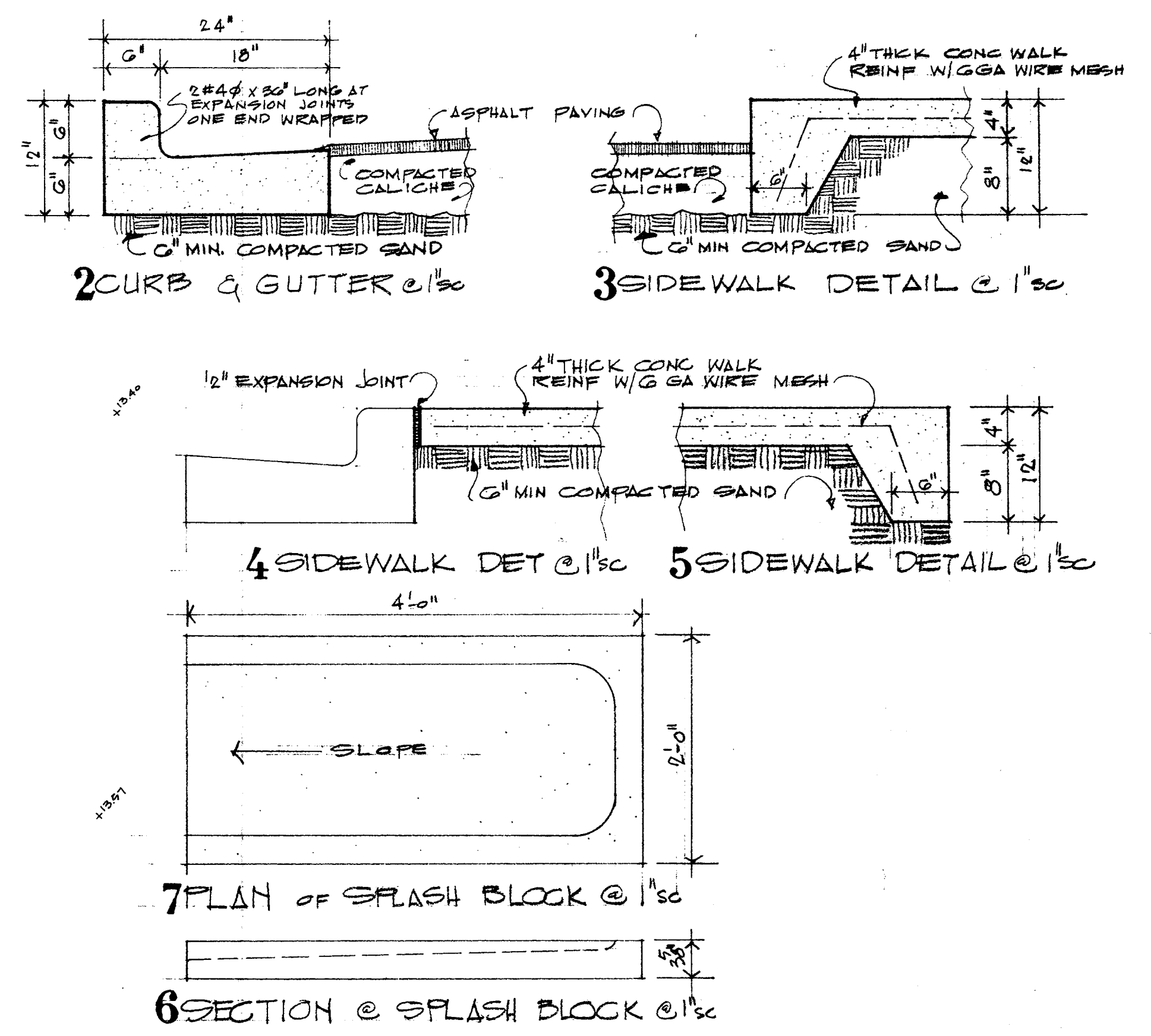
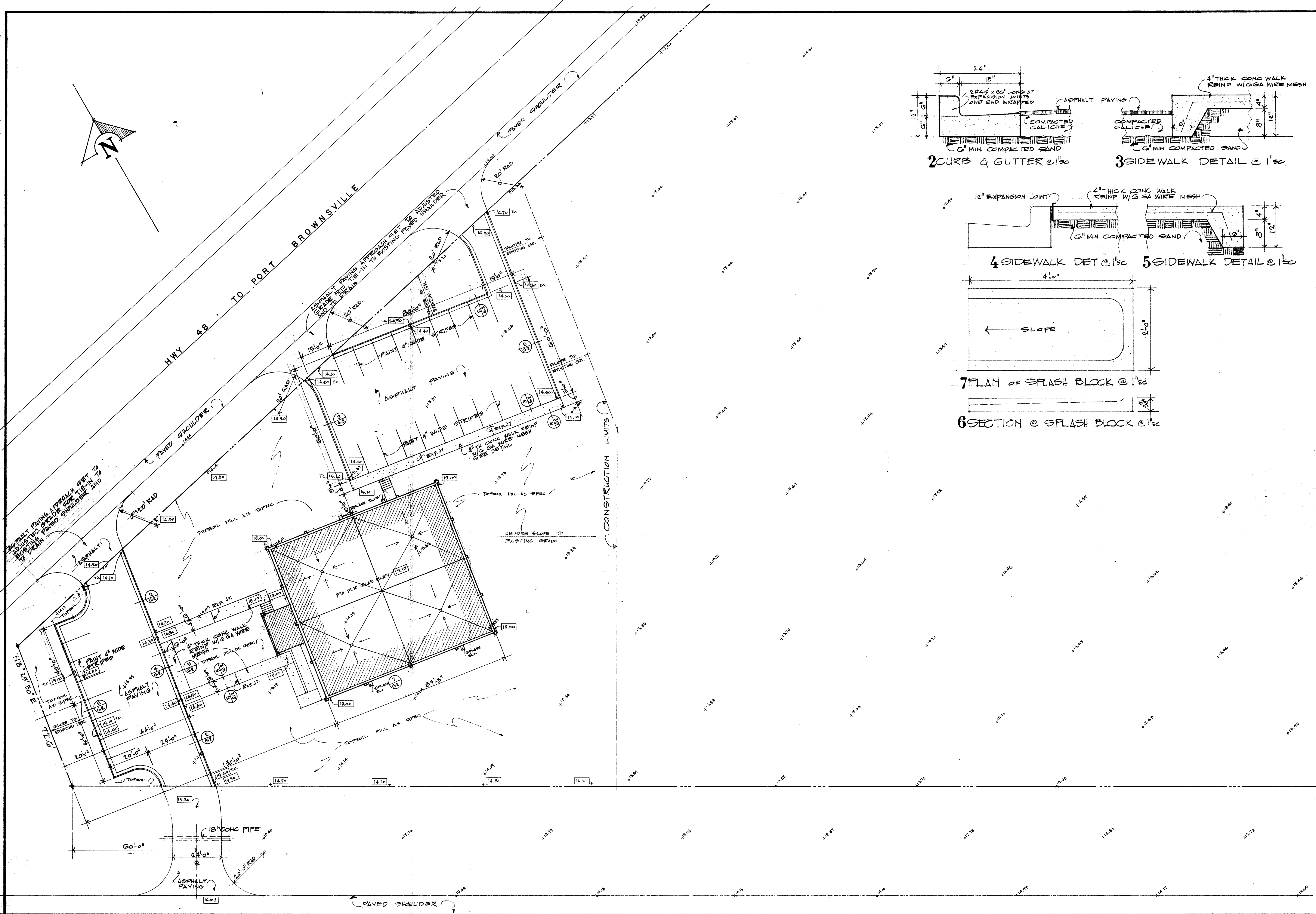
MECHANICAL

- M1 UTILITY SITE PLAN
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- M5 ELECTRICAL PLAN — LOWER LEVEL
- M6 ELECTRICAL PLAN — UPPER LEVEL
- M7 ELECTRICAL DETAILS & SCHEDULES



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REVISIONS:	OF	2	
COMM. NO. 6912r	DATE	26 APR 72	



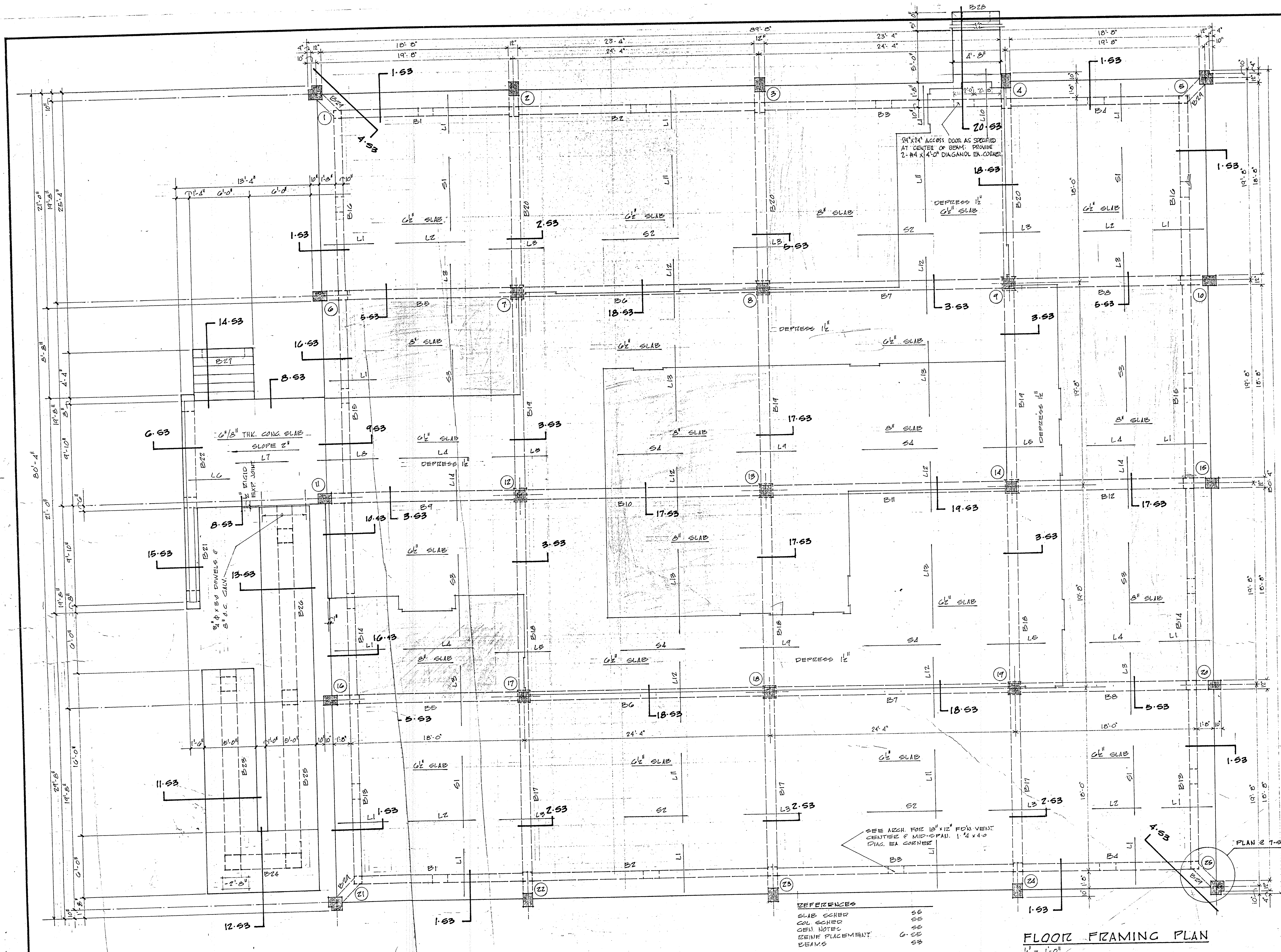
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COMM. NO. 69127	
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OF	2
DATE	20 APR 72

F M ROAD 511
1 SITE PLAN @ 1" = 20' 50
SITE PLAN & DETAILS



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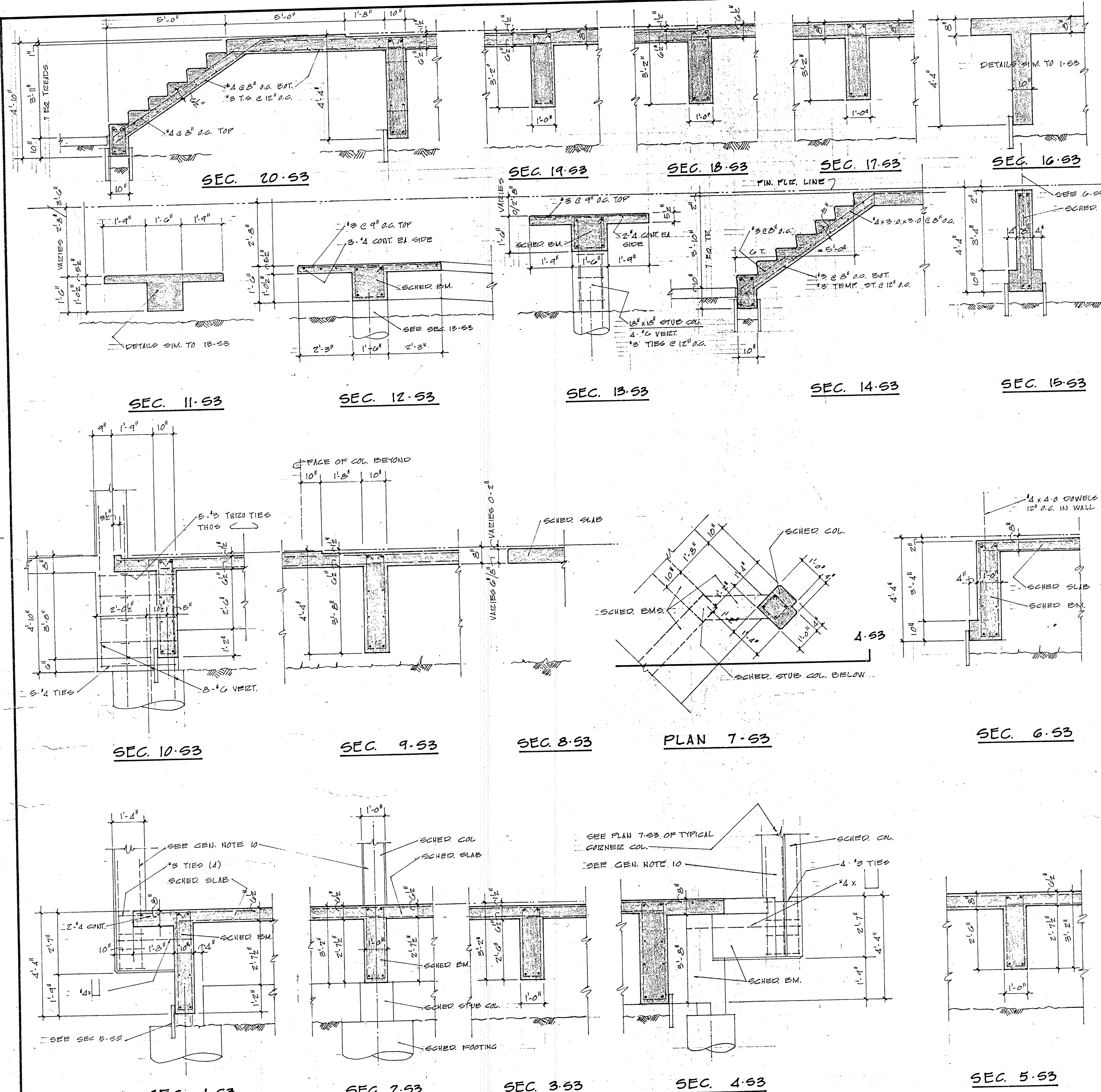
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DATE APR 26 1962

S2
5



SCHED OF FIRST FLOOR CONCRETE BEAMS

MARK	SIZE	NO. REINFORCING BENDING	STIRRUPS	REMARKS
B1	10x12	2-#6T 4-#4 MID 2-#7B	26-0 18-0 18-0	SEE G-53 #3
B2	10x12	1-#6T 4-#4 MID 2-#7B	26-0 20-0 20-0	DO #3 DO
B3	10x12	1-#6T 4-#4 MID 2-#7B	26-0 20-0 20-0	DO #3 DO
B4	10x12	2-#6T 4-#4 MID 2-#7B	26-0 18-0 18-0	DO #3 DO
B5	12x12	2-#6T 2-#6B 2-#7B	26-0 18-0 18-0	DO #3 DO
B6	12x12	4-#6B	26-0	DO #3 DO
B7	12x12	4-#6B	26-0	DO #3 DO
B8	12x12	2-#6T 2-#6B 2-#7B	26-0 18-0 18-0	DO #3 DO
B9	12x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B10	12x12	1-#6T 4-#6B	26-0 26-0	DO #3 DO
B11	12x12	1-#6T 4-#6B	26-0 26-0	DO #3 DO
B12	12x12	2-#6T 2-#6B 2-#7B	26-0 18-0 18-0	DO #3 DO
B13	10x12	4-#4 MID 2-#7B	26-0 18-0	DO #3 DO
B14	10x12	2-#6T 4-#4 MID 2-#7B	26-0 21-0 21-0	DO #3 DO
B15	10x12	2-#6T 4-#4 MID 2-#7B	26-0 21-0 21-0	DO #3 DO
B16	10x12	2-#6T 2-#7B	26-0 18-0	DO #3 DO
B17	12x12	2-#6T 2-#6B 2-#7B	26-0 18-0 18-0	DO #3 DO
B18	12x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B19	12x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B20	12x12	2-#6T 2-#6B 2-#7B	26-0 18-0 18-0	DO #3 DO
B21	8x10	2-#6T 4-#4 MID 2-#6B	19-0 19-0 20-0	DO #3 DO
B22	12x10	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B23	12x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B24	12x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B25	12x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B26	12x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B27	10x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B28	10x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO
B29	12x12	2-#6T 2-#7B	26-0 21-0	DO #3 DO

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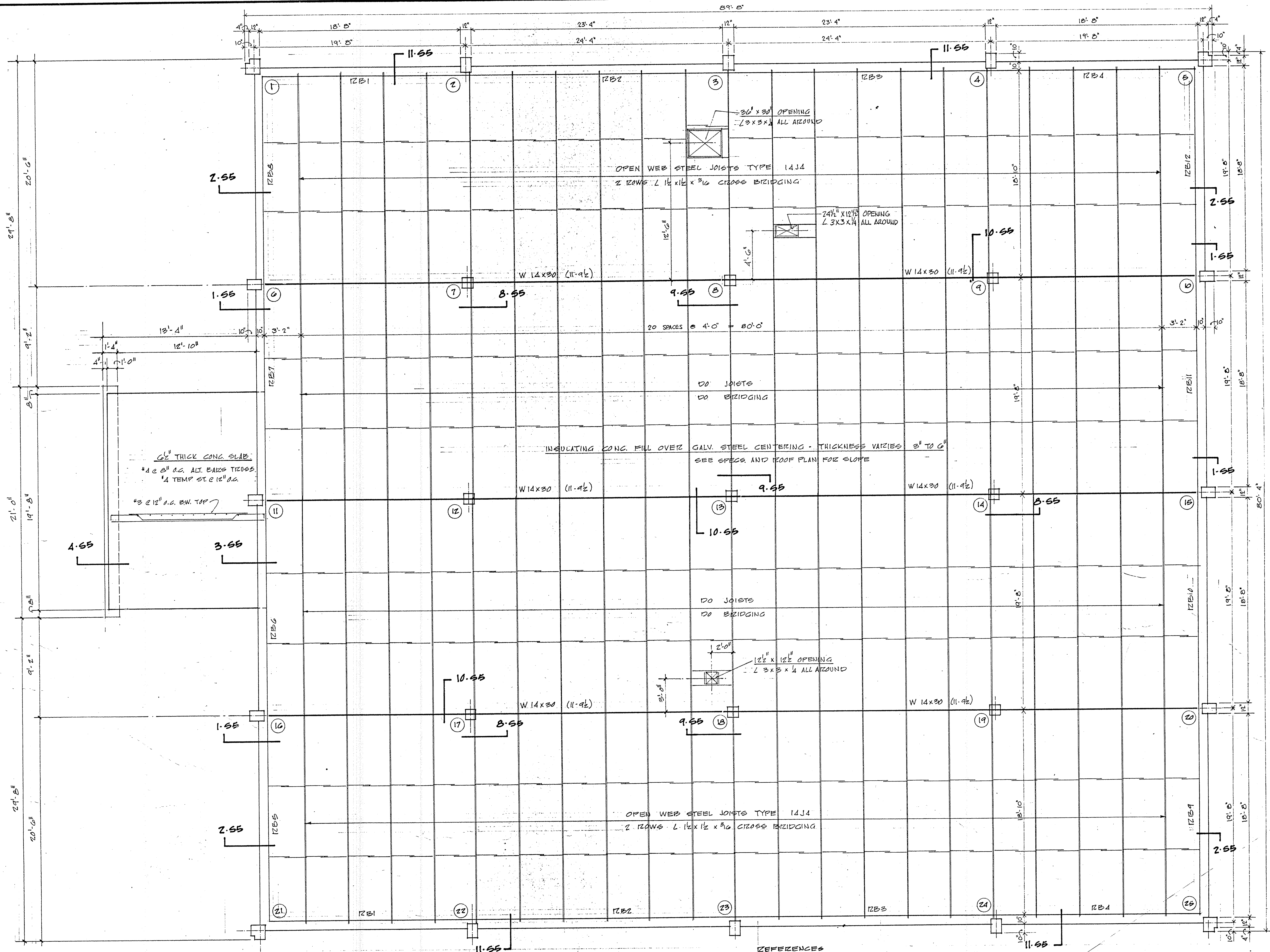
SHEET

S3

DATE

10/26/57

SCALE ALL SECTIONS THIS SHEET 1/2" = 1'-0" UNLESS OTHERWISE NOTED

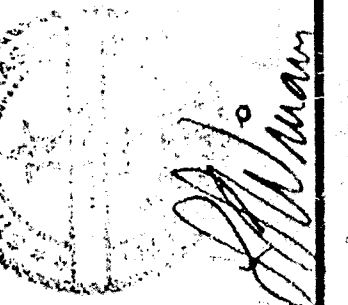
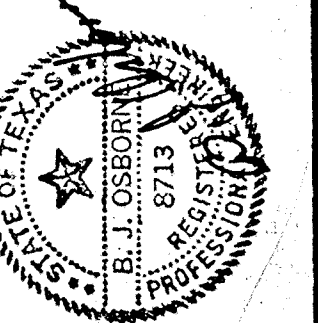


REFERENCES
BEAMS SS
GENERAL NOTES SS

ROOF FRAMING PLAN

1/4" = 1'-0"

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SHEET **S4**

OF 5

DATE APR 1958

GENERAL NOTES

- DESIGN, MIX, AND PLACE ALL CONC. IN ACCORDANCE W. SPECS. OF THE A.C.I.
- FABRICATE AND PLACE ALL REINF. IN ACCORDANCE W. ACI 318. USE STR. ACCESSORIES AND RECOMMENDED SIZE HOOKS. TOP BARS IN SLAB CONST. UNLESS OTHERWISE NOTED SHALL BE SUPPORTED ON 1" SUPPORT BARS SPA. MAX. 5'-0" O.C. ON HI CHAIRS SPA. MAX. 2'-0" O.C. 1" SPACER BARS MAX. 12" O.C. SHALL BE USED WHERE STEEL OCCURS IN ONLY ONE DIRECTION. 3" SLAB BOLSTERS SHALL BE SPACED MAX. 5'-0" O.C. LAP ALL SPLICES 30 DIAS OR MIN. 1'-0". USE 2" X 10" O.D. AT EA CORNER OF EA OPENING GREATER THAN 6" O.C. IN AREA IN SLABS OR BEAMS. ACCESSORIES IN EXPOSED CONC. MEMBERS SHALL HAVE PLASTIC FEET. USE CORNER BARS SAME SIZE AS SCHED. BAR AT ALL CORNERS & TEES. LAP INTERCEPTED BAR 30 DIAS. MIN. OR 2'-0" WHICHEVER IS GREATER. HOOK TOP DISCONTINUOUS BEAM BARS.
- CONSTRUCTION JOINTS OF APPROVED COWELS, LOCATION AND KEYWAYS SHALL BE PLANNED IN COOPERATION W. THE ARCH. AND/OR ENGINEER.
- LOWER SOFFIT SHALL CARRY THRU AT CONC. BM. INTERSECTIONS.
- SCHEDULED BM. SIZE IS FOR STIRRUP SIZING. SEE SECTIONS FOR PROFILES.
- THE TERM "EE" IN THE STIRRUP SPACING COL. OF THE BM. SCHED. SHALL BE INTERPRETED TO MEAN "EACH FACE OF EA SUPPORT" WHERE MORE THAN ONE SPAN IS INVOLVED.
- ALL PIPING, SLEEVES, CONDUIT, ETC. TO BE PLACED IN STRUCTURAL CONCRETE SHALL BE PLANNED IN COOPERATION W. THE ARCHITECT AND/OR ENGINEER.
- GENERAL CONTRACTOR SHALL PROVIDE OPENINGS, EQUIPMENT PADS, ETC. AS MAY BE REQUIRED TO INSTALL MECHANICAL AND ELECTRICAL EQUIPMENT. SEE PERTINENT DRAWINGS.
- REINF. BARS AT OPENINGS IN CONC. SLABS SHALL GENERALLY NOT BE CUT. PLACE INTERCEPTED BARS AT EACH SIDE OF OPENING AND GRADUALLY FAN BARS AROUND SAME. FILL OPEN AREAS AT FANNED SPACES W. 4" X 12" O.C. BW.
- WHERE NOT OTHERWISE SPECIFIED, COLL. SHALL HAVE POWERS SAME NO. AND SIZE AS SCHEDULED VERTICAL BARS.
- CAST ALL FOOTINGS IN ONE OPERATION.
- PROVIDE STIRRUP SUPPORT BARS AS NECESSARY.
- DESIGN, FABRICATE AND ERECT ALL STEEL JOISTS IN ACCORDANCE WITH SPECS. OF THE STEEL JOIST INSTITUTE.
- REINFORCING IN SLABS AT GRADE SHALL BE SUPPORTED ON MINIMUM 4" X 4" CONC. ERIQUETTES SPA. MAX. 3'-0" O.C. EA WAY.
- REINFORCING STEEL FOR THE VARIOUS CLASSES OF WORK SHALL BE AS FOLLOWS:

MEMBER

A.S.T.M. G16

STIRRUPS, TIES, AND MINOR STRUCT. ELEMENTS GRADE 40
FOOTINGS, GRADE BEAMS, SUSPENDED SLABS AND BEAMS, SUB. COLS., COLUMNS AND MAJOR GRADE 60 STRUCT. ELEMENTS.
SIDEWALKS & SITEWORK GRADE 40

- CHAMFER ALL EXPOSED EDGES OF CONCRETE MEMBERS.
- GENERALLY SPLICE CONTINUOUS TOP BARS AT MID-SPAN AND BOT. BARS AT THE SUPPORT.
- SEE ARCH. DRAWINGS FOR ANCHORAGE DEVICES EMBEDDED IN CONCRETE.
- CONCRETE FOR THE VARIOUS CLASSES OF WORK SHALL BE THUS:

MEMBER	TYPE CONC.	COMP. STRE. (PSI 28 DAYS) (CLEAR)	COVER (INCHES)
FOOTINGS	SAND & GRAVEL	2500	2"
FLOOR & ROOF BEAMS	DO	3000	1 1/2"
FLOOR & ROOF SLABS	DO	3000	3/4"
SUB. COLS. & COLUMNS	DO	3000	1 1/2"
STAIRS & LANDINGS	DO	3000	3/4"

PROCEDURE

- PLACE 3" SLAB BOLSTERS SPA. MAX. 5'-0" O.C. IN "E" DIRECTION.
- LAY ALL BOT. "L" STEEL.
- LAY ALL BOT. "S" STEEL.
- PLACE 1" SUPPORT BARS SPA. 5'-0" O.C. ON HI CHAIRS SPA. 2'-0" O.C. WHERE TOP STEEL IS TO BE SUPPORTED.
- PLACE ALL TOP "L" STEEL.

NOTE THAT CHAIR HT. WILL VARY W. NO. OF LAYERS SUPPORTED.

6.55 FLOOR SLAB REINF. PLACEMENT DIAGRAM

1" = 1'-0"

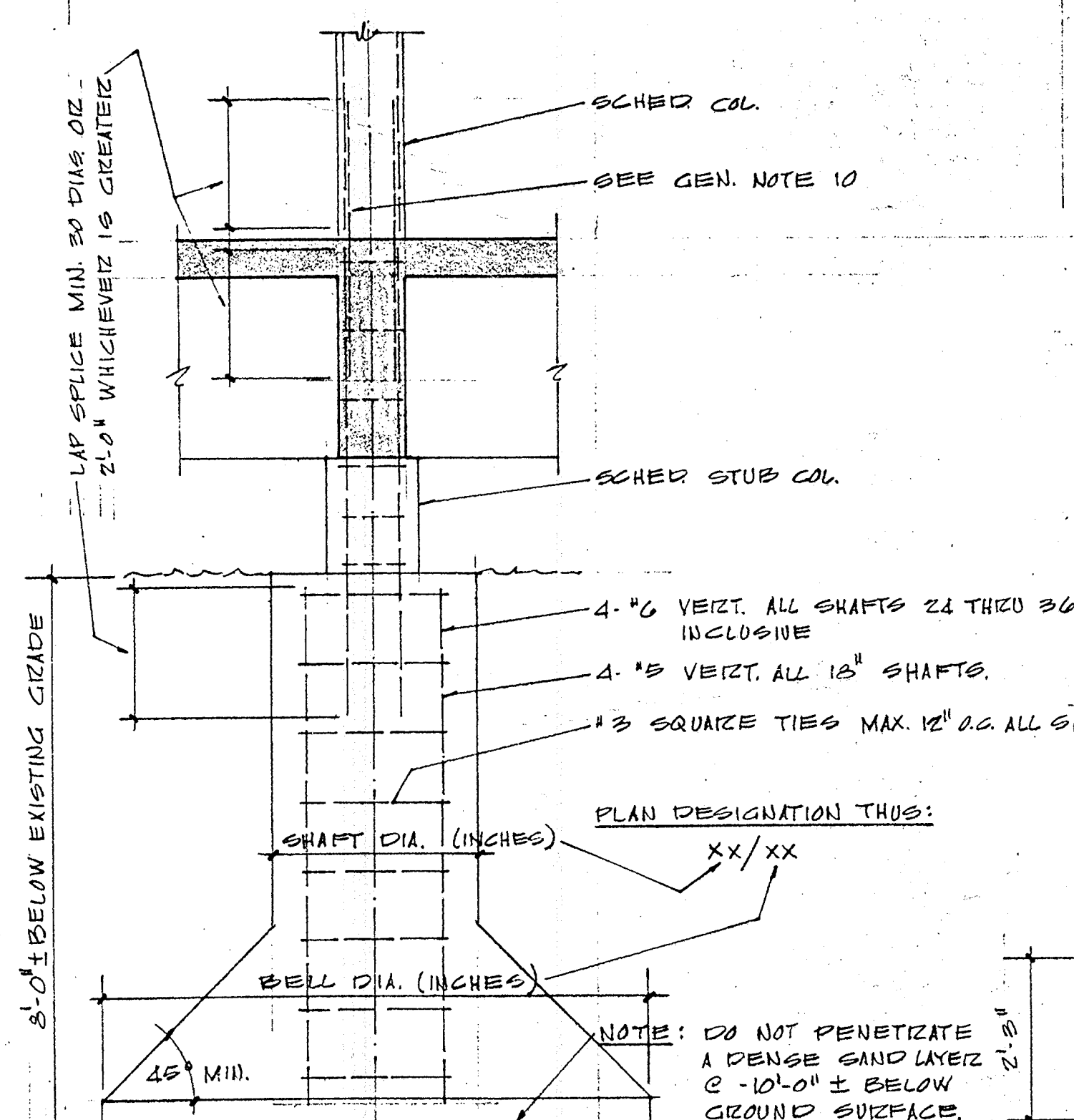
EMBED MIN. 6" IN UNDISTURBED SOIL

CONCRETE COLUMN SCHEDULE

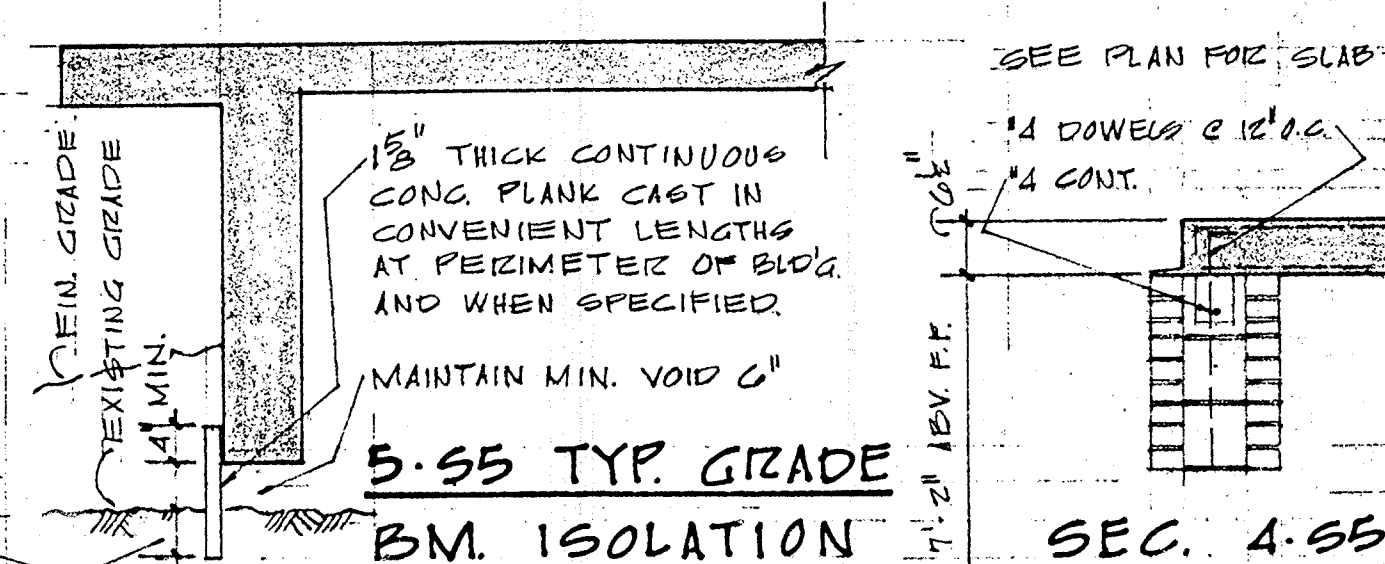
COLUMN DESIGNATION	SIZE	VERT. REINF.	TIES	REMARKS
1 5 21 25	12X12	4-#7	#3	SEE PLAN 7-55
2 3 4 6 10	12X16	4-#7	#3	
11 15 16 20 22				
23 24				
7 8 9 12 13	12X12	4-#6	#3	
14 17 18 19				

CONC. COLUMNS BELOW 1ST FLOOR

1 5 21 25	10X10	4-#6	#3	
2 3 4 6 10	12X14	4-#6	#3	
11 15 16 20 22 23				
24				
11	12X10	4-#6	#4	SEE SEC. 10-55
7 8 9 12 13	10X16	4-#6	#3	
14 17 18 19				
26 27 30 31	10X10	4-#6	#3	
28 29 31	12X16	4-#6	#3	
30 32 33 34 35	18X18	4-#6	#3	



T.55 TYPICAL FOOTING DETAIL

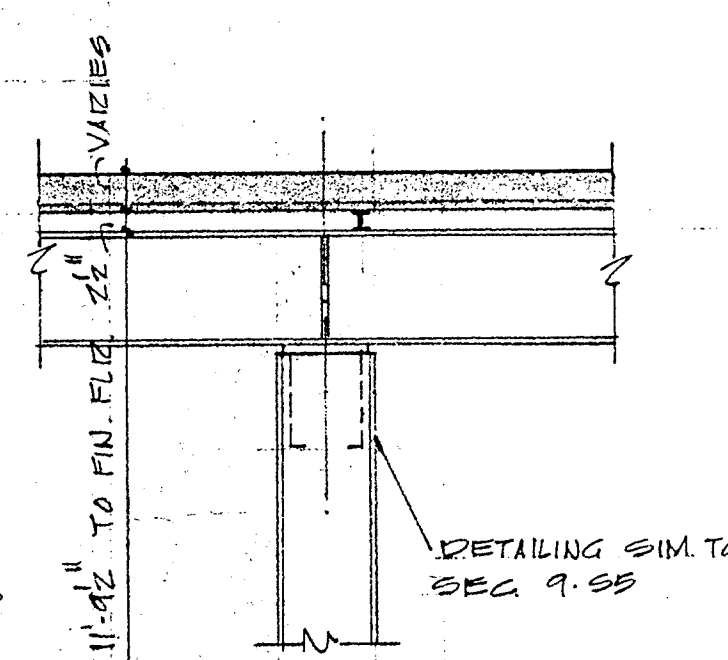


SCHEDULE OF FLOOR SLAB REINF.

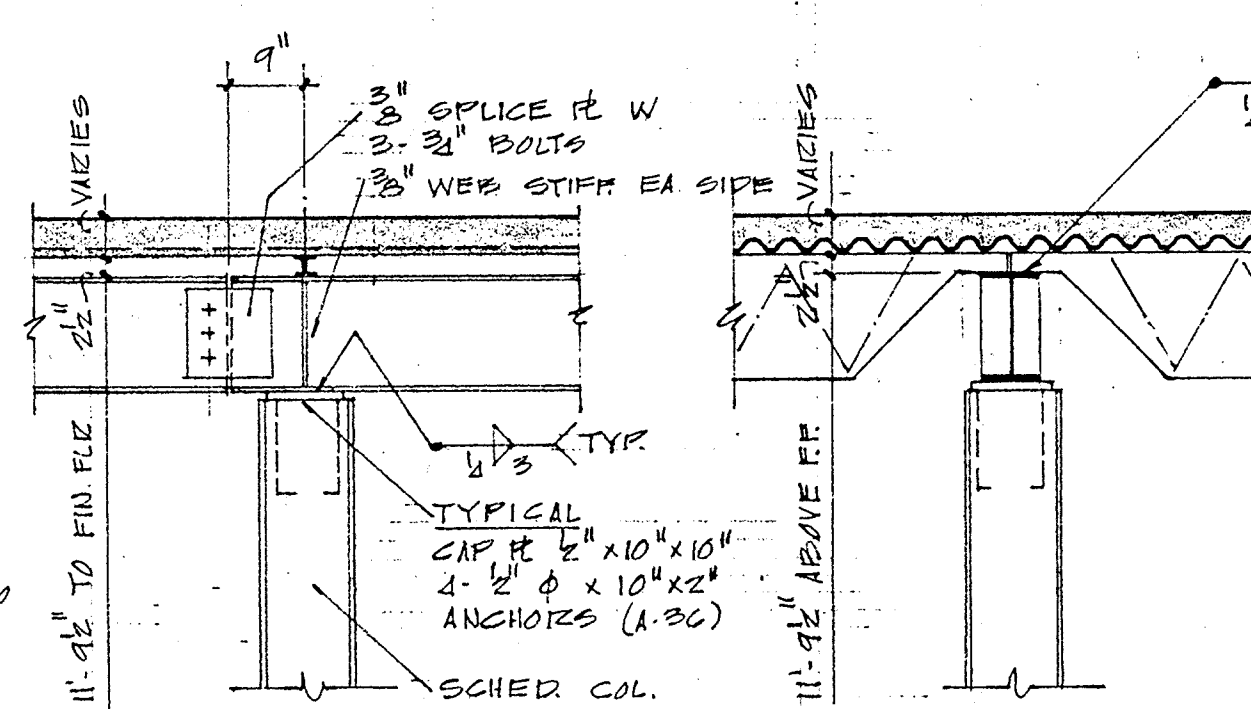
MARK	NO.	SIZE	LOCATION	LENGTH	REMARKS
S1	25	#4	18'-0"		
S2	20	#4	25'-0"		
S3	20	#4	20'-0"		
S4	23	#4	25'-0"		
L1	4	#4	7'-0"	2 10" X 12"	TOP
L2	20	#4	18'-0"		
L3	25	#4	12'-0"		
L4	22	#4	18'-0"		
L5	28	#4	12'-0"		
L6	4	#4	6'-0"	2 12" O.C. TOP	
L7	4	#4	10'-0"	2 8" O.C. 12" X 12"	
L8	5	#4	10'-0"	2 8" O.C. TOP	
L9	24	#4	12'-0"		
L10	8	#4	10'-0"		
L11	35	#4	18'-0"		
L12	47	#4	10'-0"		
L13	35	#4	20'-0"		
L14	20	#4	10'-0"		

SCHED. OF CONCRETE ROOF BEAMS

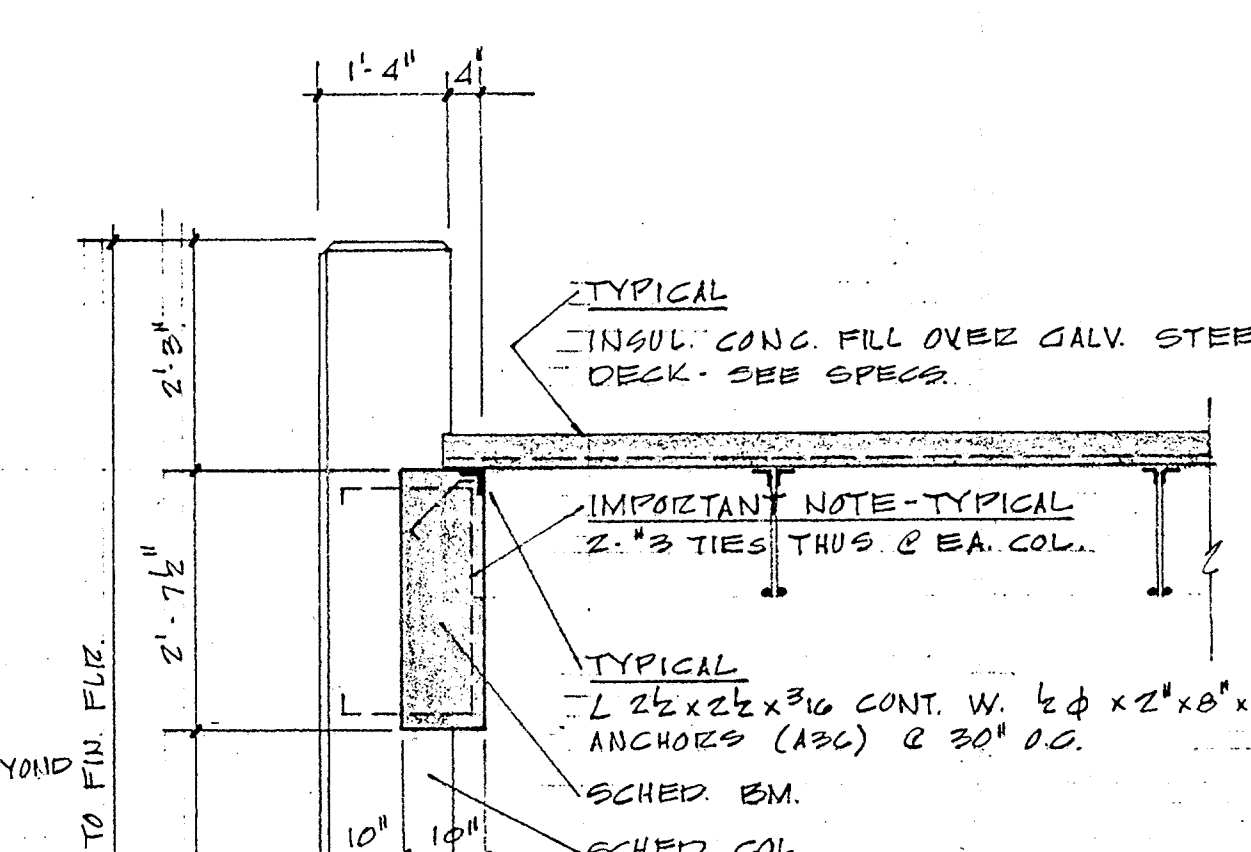
MARK	SIZE	NO. SIZE LOCATION	REINFORCING BENDING	STIRRUPS TYPE SIZE SPACING	REMARKS
12B1	10 X 24	1" 12" 1/2"	33'-0"	#3 6" EE 8" O.C.	
12B2	10 X 24	1" 12" 1/2"	26'-0"	DO #3 DO	
12B3	10 X 24	1" 12" 1/2"	26'-0"	DO #3 DO	
12B4	10 X 24	1" 12" 1/2"	21'-0"	DO #3 DO	
12B5	10 X 24	1" 12" 1/2"	32'-0"	DO #3 DO	
12B6	10 X 24	1" 12" 1/2"	21'-0"	DO #3 DO	
12B7	10 X 31 1/2	2" 17" 2"	21'-0"	DO #4 4" EE 8" O.C.	1 STIR. EA. SIDE OF DEPTH TRANSITION.
12B8	10 X 31 1/2	2" 17" 2"	11'-0"	DO #4 DO	
12B9	10 X 31 1/2	2" 17" 2"	21'-0"	DO #3 DO	
12B10	10 X 31 1/2	2" 17" 2"	21'-0"	DO #3 DO	
12B11	10 X 31 1/2	2" 17" 2"	21'-0"	DO #3 DO	
12B12	10 X 31 1/2	2" 17" 2"	21'-0"	DO #3 DO	



SEC. 8.55

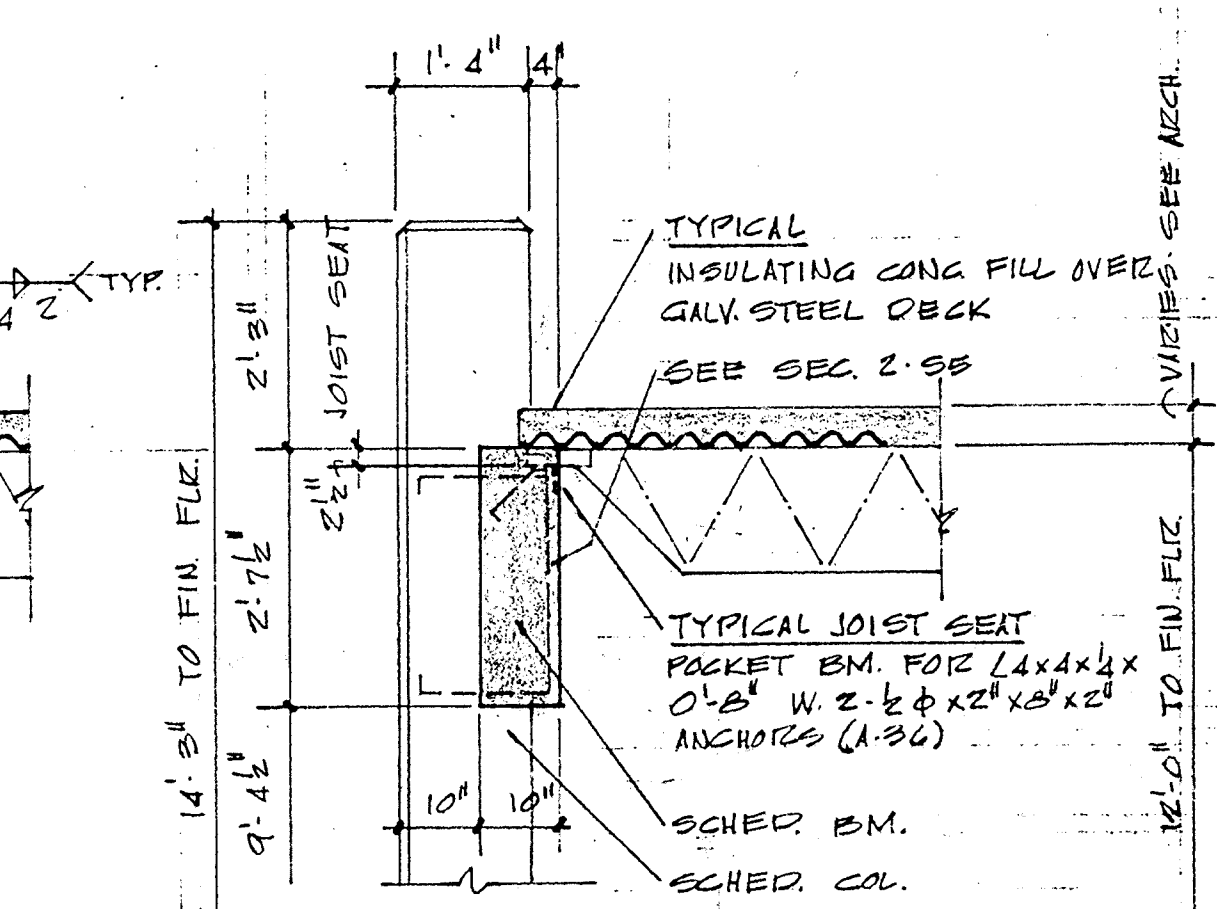


SEC. 9.55

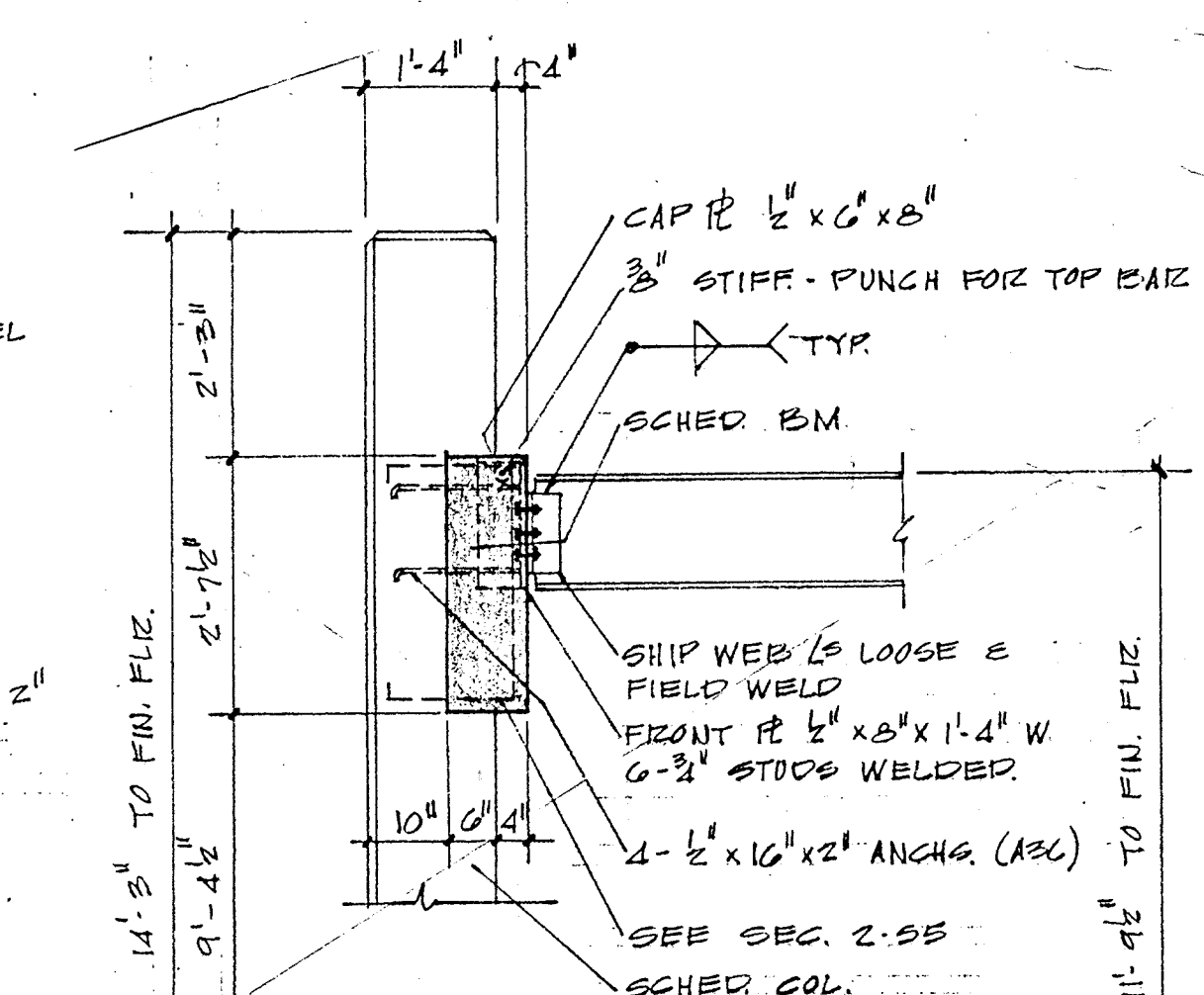


SEC. 2.55

SCALE ALL DETS. THIS SHEET 1/2" = 1'-0" UNLESS OTHERWISE NOTED

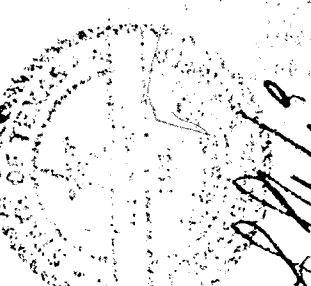
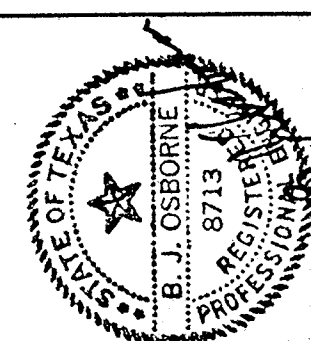


SEC. 11.55



SEC. 1.55

AN OFFICE BUILDING FOR THE
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WILHITE AND WINANS
ARCHITECTS AND ENGINEERS
P.L.L.C.
1301 LOS BROWNSVILLE

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REVISIONS

SHEET S5

OF 5

DATE APR 26 1987

AN OFFICE BUILDING FOR THE
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1301 LOS EBANOS BOULEVARD
BROWNSVILLE, TEXAS

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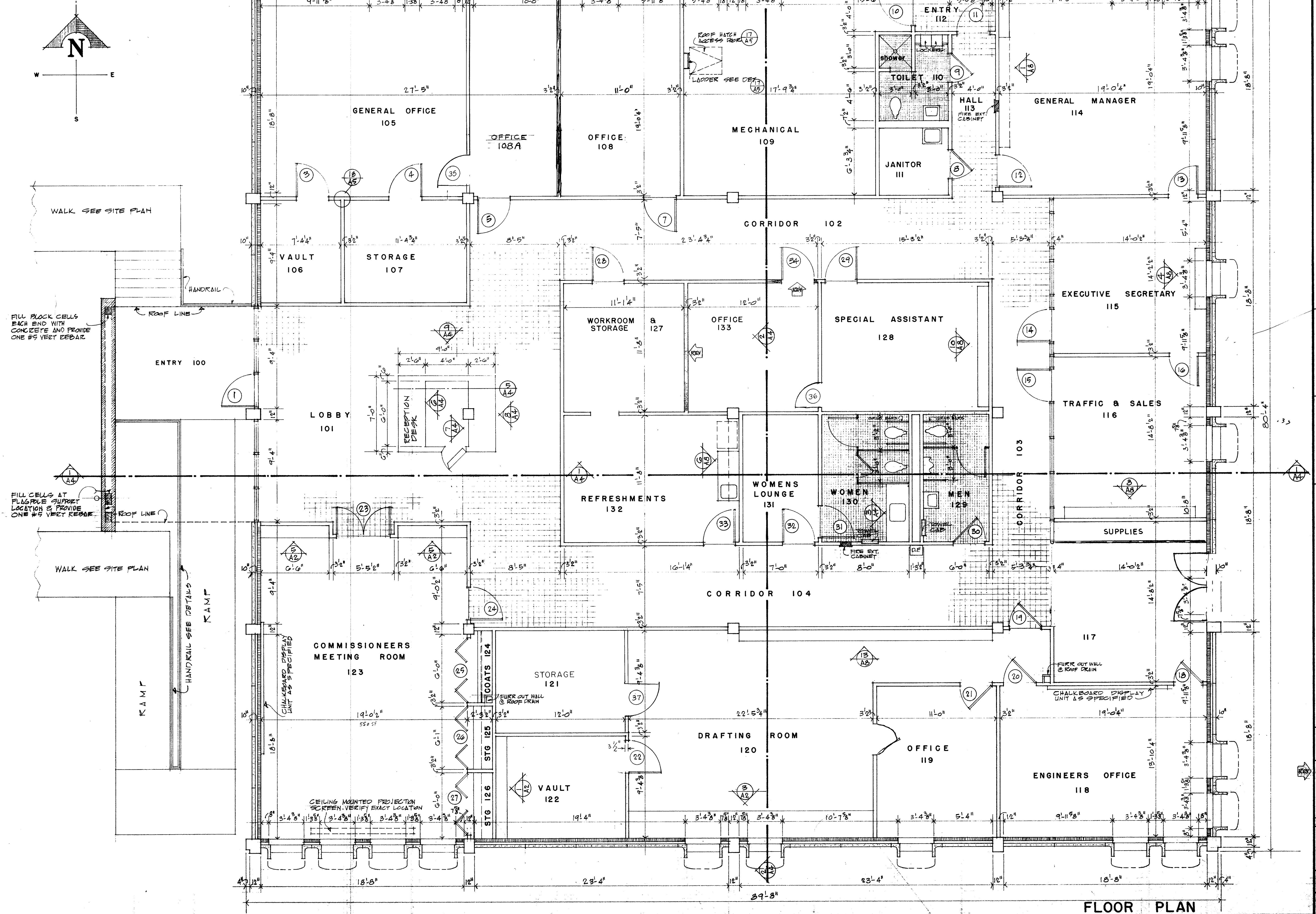
REVISIONS
NOV 8, 72: ADD PARTITION
AND DATE #34. SEE SHEET

COMM. NO. 6912 r

SHEET **A1**

OF 8

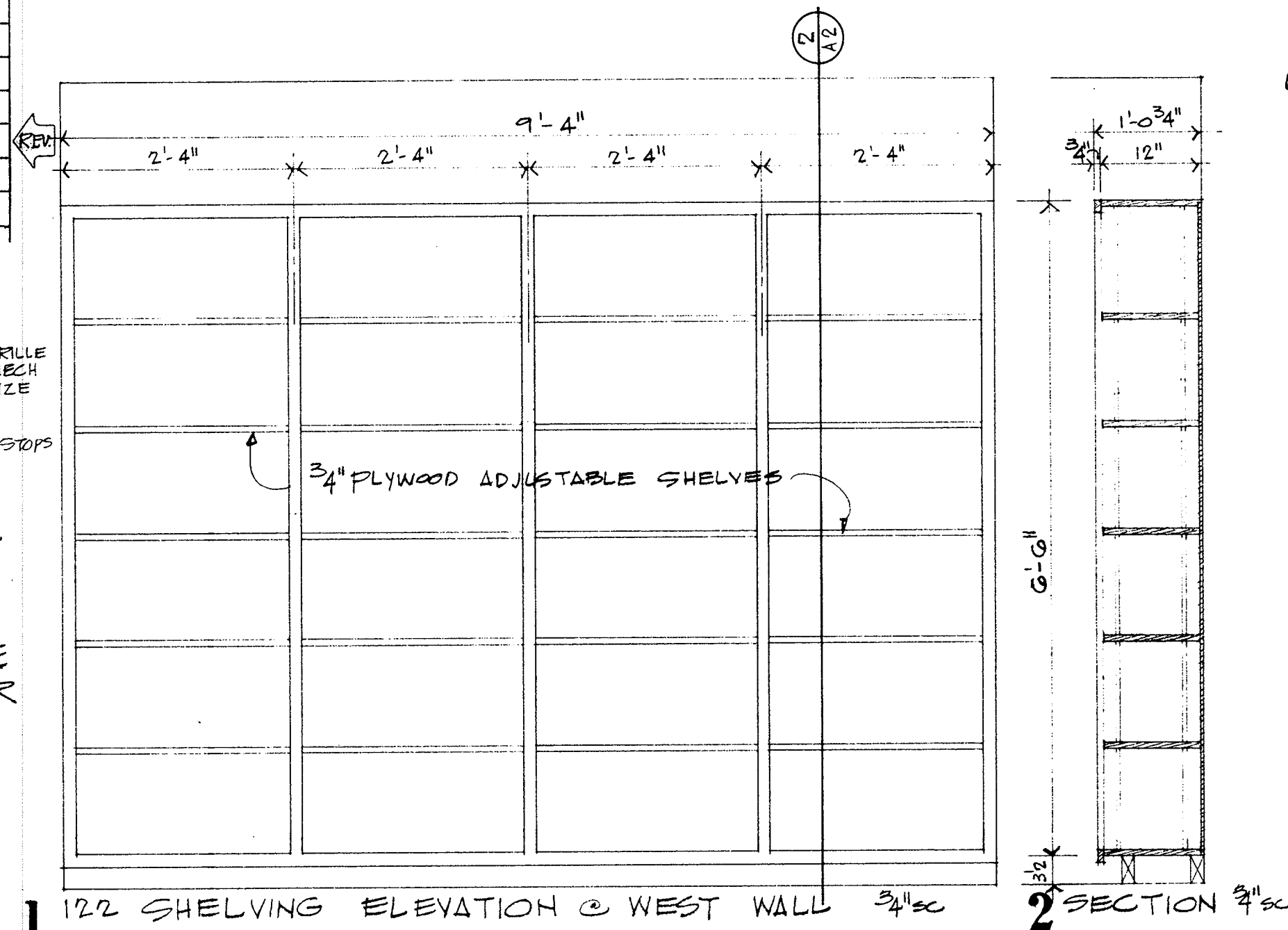
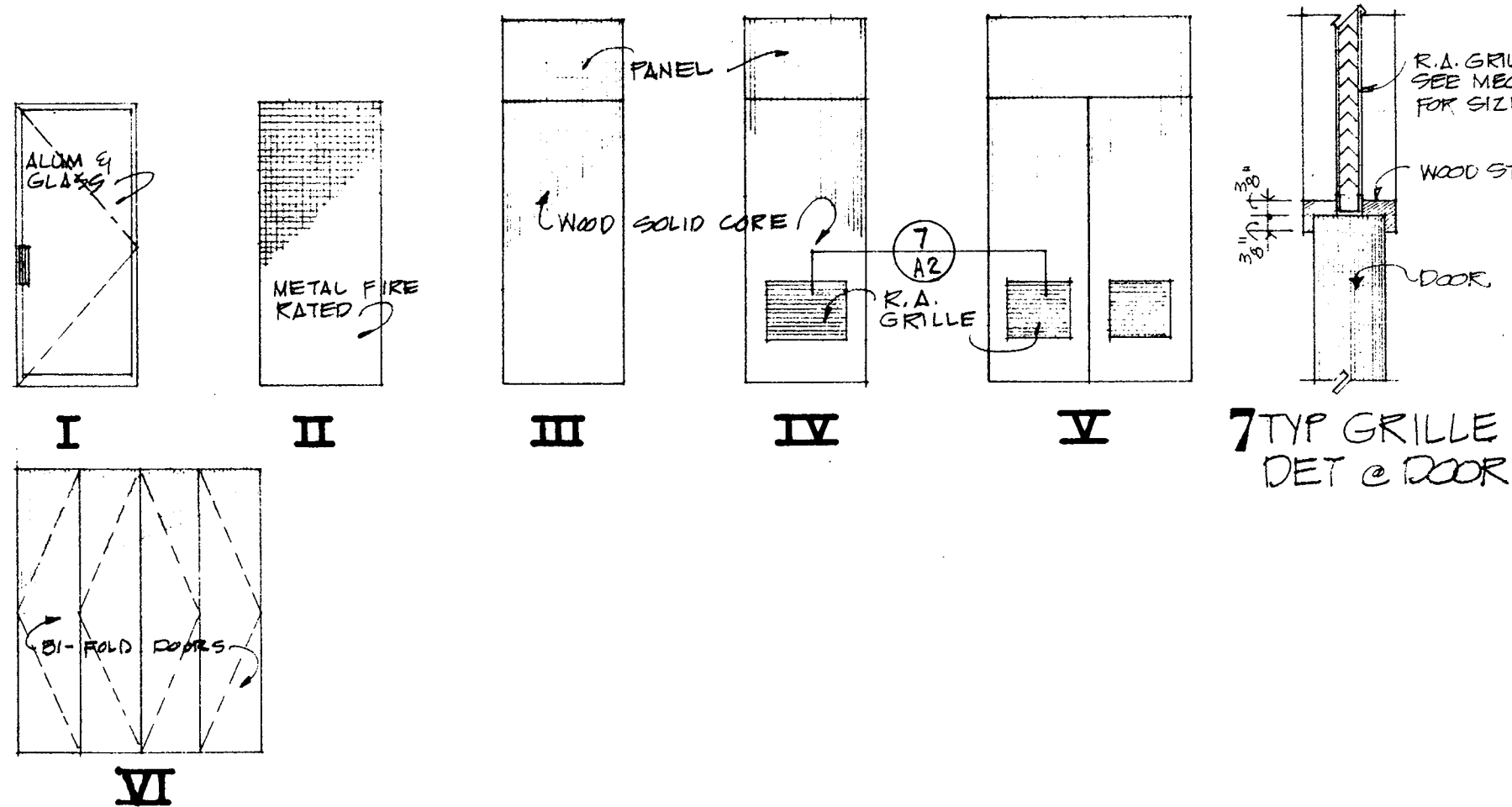
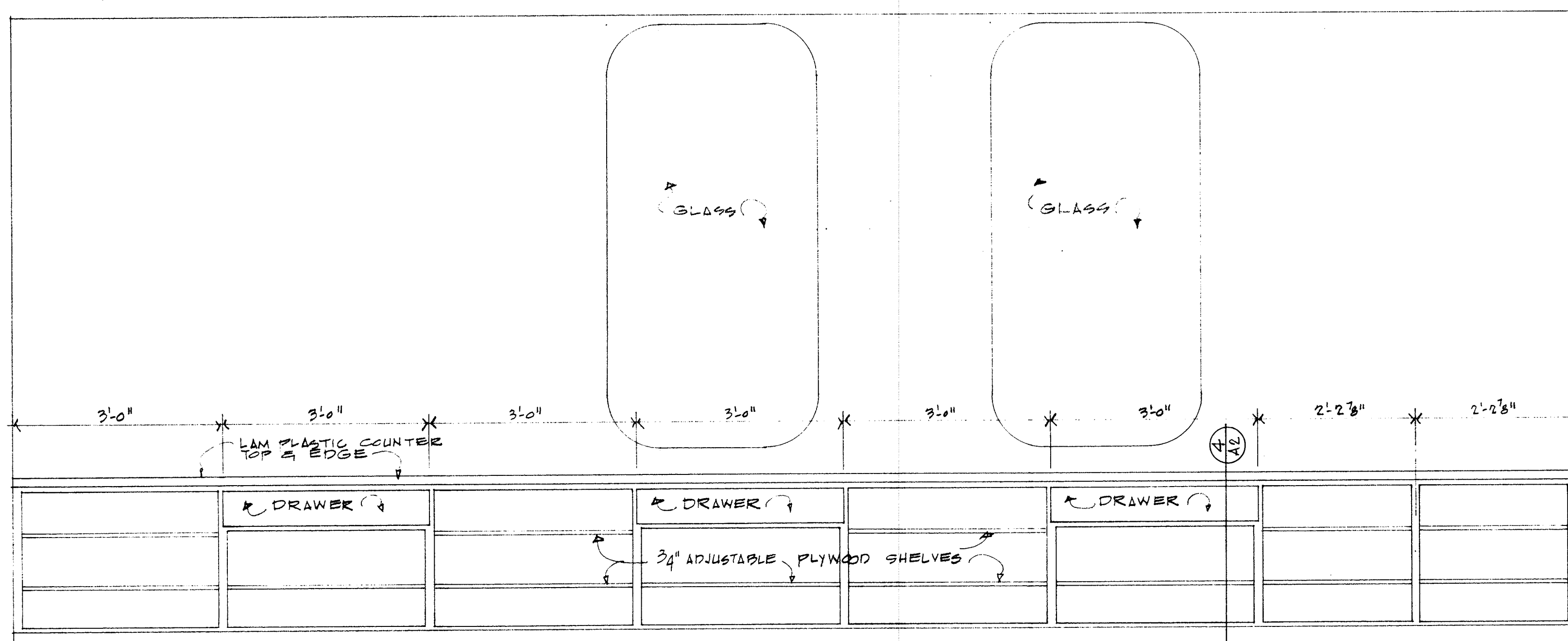
DATE 26 APR 72



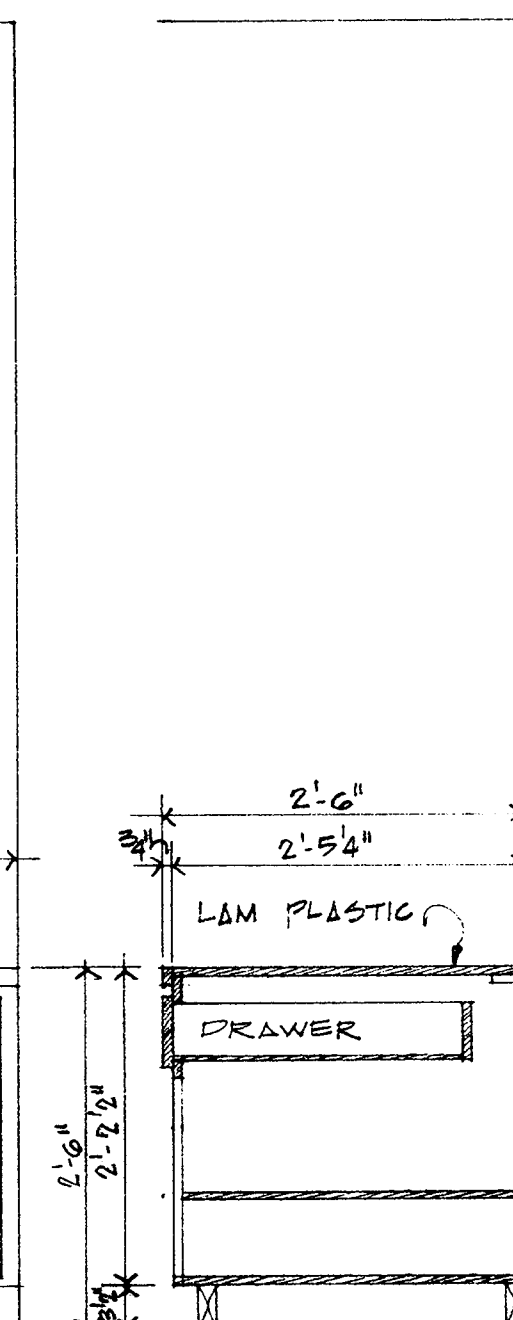
DOOR SCHEDULE									
NO.	SIZE	TH.	TYPE	HDW.	MATERIAL	HINGE JAMB	LATCH JAMB	HEAD	PANEL HEAD
1	3'-0" x 7'-0"	1 3/4"	I	1	ALUM 5 GLASS	34	A7	32	A7
2	2'-8" x 7'-0"	1 3/4"	I	1	ALUM 5 GLASS	43	A7	42	A7
3	3'-0" x 7'-0"	-	II	2	HOLLOW METAL	19	A7	18	A7
4	3'-0" x 7'-0"	1 3/4"	IV	3	WOOD SOLID CORE	4	A7	2	A7
5	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	3	A7	2	A7
6	3'-0" x 7'-0"	1 3/4"	IV	3	WOOD SOLID CORE	4	A7	2	A7
7	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	5	A7	2	A7
8	3'-0" x 7'-0"	1 3/4"	IV	5	WOOD SOLID CORE	4	A7	2	A7
9	3'-0" x 7'-0"	1 3/4"	III	6	WOOD SOLID CORE	7	A7	2	A7
10	3'-0" x 7'-0"	1 3/4"	III	7	WOOD SOLID CORE	21	A7	2	A7
11	3'-0" x 7'-0"	1 3/4"	III	8	WOOD SOLID CORE	22	A7	2	A7
12	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	12	A7	2	A7
13	3'-0" x 7'-0"	1 3/4"	III	9	WOOD SOLID CORE	12 5/16"	A7	2	A7
14	3'-0" x 7'-0"	1 3/4"	IV	10	WOOD SOLID CORE	40	A7	39	A7
15	3'-0" x 7'-0"	1 3/4"	IV	10	WOOD SOLID CORE	40	A7	39	A7
16	2'-8" x 7'-0"	1 3/4"	III	9	WOOD SOLID CORE	10	A7	2	A7
17	3'-0" x 7'-0"	1 3/4"	IV	11	WOOD SOLID CORE	40	A7	39	A7
18	2'-8" x 7'-0"	1 3/4"	IV	9	WOOD SOLID CORE	12 5/16"	A7	2	A7
19	3'-0" x 7'-0"	1 3/4"	IV	11	WOOD SOLID CORE	4	A7	2	A7
20	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	11	A7	2	A7
21	3'-0" x 7'-0"	1 3/4"	IV	3	WOOD SOLID CORE	5	A7	2	A7
22	3'-0" x 7'-0"	-	II	2	HOLLOW METAL	20	A7	19	A7
23	2'-2 1/2" x 7'-0"	1 3/4"	V	12	WOOD SOLID CORE	14	A7	2	A7
24	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	12	A7	2	A7
25	5'-8" x 7'-0"	1 3/4"	VI	13	WOOD SOLID CORE	15	A7	24	A7
26	5'-10 1/2" x 7'-0"	1 3/4"	VI	13	WOOD SOLID CORE	16	A7	24	A7
27	5'-8" x 7'-0"	1 3/4"	VI	13	WOOD SOLID CORE	16	A7	24	A7
28	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	4	A7	2	A7
29	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	4	A7	2	A7
30	3'-0" x 7'-0"	1 3/4"	III	14	WOOD SOLID CORE	7	A7	2	A7
31	3'-0" x 7'-0"	1 3/4"	III	14	WOOD SOLID CORE	8	A7	2	A7
32	3'-0" x 7'-0"	1 3/4"	IV	14	WOOD SOLID CORE	4	A7	2	A7
33	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	5	A7	2	A7
34	3'-0" x 7'-0"	1 3/4"	IV	4	WOOD SOLID CORE	4	A7	2	A7
35									
36									

REV

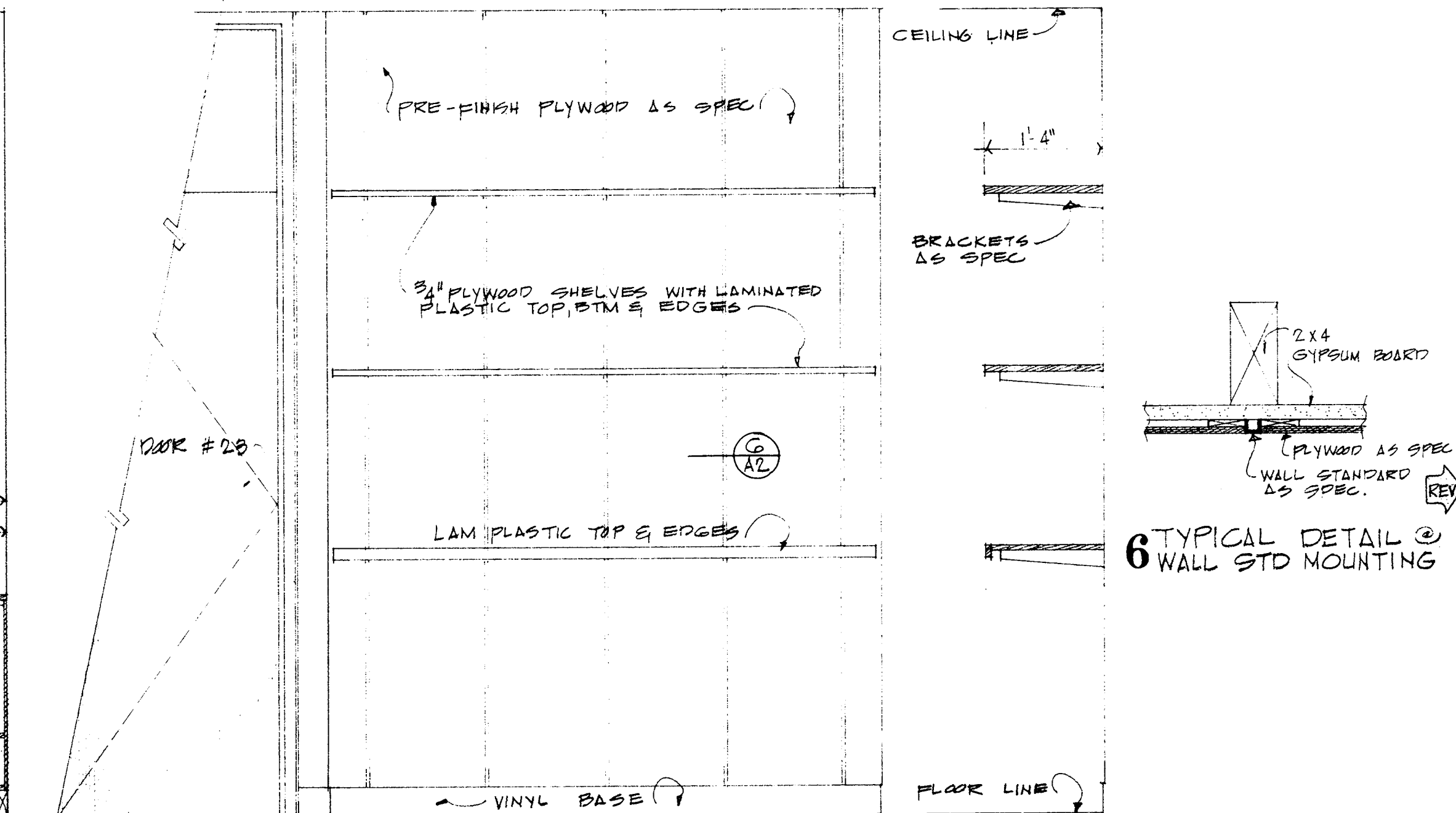
DOOR TYPES

1 122 SHELVING ELEVATION @ WEST WALL 3/4" sc
2 SECTION 3/4" sc

3 120 CABINET ELEVATION @ SOUTH WALL 3/4" sc



4 SECTION @ 3/4" sc

5 123 SHELVING ELEVATION @ NORTH WALL 3/4" sc
SCHEDULES 8 MILLWORK

ROOM FINISH SCHEDULE									
NO.	ROOM	FLOOR	BASE	NORTH	W	A	L	S	WEST
100	ENTRY	CONCRETE	NONE	OPEN, SEE HANDRAIL DET	FIXED GLASS	OPEN, SEE HANDRAIL DET	OPEN, SEE HANDRAIL DET	OPEN, SEE HANDRAIL DET	GLAZED BRICK
101	LOBBY	QUARRY TILE	VINYL	VINYL WALL COVERING	VINYL WALL COVERING	VINYL WALL COVERING	VINYL WALL COVERING	VINYL WALL COVERING	ALUM FRAME 5 FIXED GLASS
102	CORRIDOR	QUARRY TILE	VINYL	VINYL WALL COVERING	FIXED GLASS	VINYL WALL COVERING	VINYL WALL COVERING	VINYL WALL COVERING	LAY-IN ACOUSTICAL
103	CORRIDOR	QUARRY TILE	VINYL	VINYL WALL COVERING	FIXED GLASS	VINYL WALL COVERING	VINYL WALL COVERING	VINYL WALL COVERING	LAY-IN ACOUSTICAL
104	CORRIDOR	QUARRY TILE	VINYL	VINYL WALL COVERING	FIXED GLASS	VINYL WALL COVERING	VINYL WALL COVERING	VINYL WALL COVERING	LAY-IN ACOUSTICAL
105	GENERAL OFFICE	CARPET BY OWNER	VINYL	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LIGHTWEIGHT BLOCK
106	VAULT	VINYL ASB	VINYL	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD
107	STORAGE	CARPET BY OWNER	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
108	OFFICE	CARPET BY OWNER	VINYL	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
109	MECHANICAL	CONCRETE	VINYL	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	EXPOSED STRUCTURE
110	TOILET	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE
111	JANITOR	VINYL ASBESTOS	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
112	ENTRY	QUARRY TILE	VINYL	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
113	HALL	QUARRY TILE	VINYL	GYPSUM BD	GYPSUM BD	OPEN TO CORR. 102	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
114	GENERAL MANAGER	CARPET BY OWNER	VINYL	GYPSUM BD	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	PANELING AS SPEC
115	EXECUTIVE SECRETARY	CARPET BY OWNER	VINYL	GYPSUM BD	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	FIXED GLASS
116	TRAFFIC & SALES	CARPET BY OWNER	VINYL	GYPSUM BD	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	FIXED GLASS
117	SUPPLIES AREA	VINYL	VINYL	GYPSUM BD	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	FIXED GLASS
118	ENGINEERS OFFICE	CARPET BY OWNER	VINYL	GYPSUM BD	LIGHTWEIGHT BLOCK	GYPSUM BD	GYPSUM BD	GYPSUM BD	FIXED GLASS
119	OFFICE	CARPET BY OWNER	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
120	DRAFTING ROOM	VINYL ASB	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
121	STORAGE	CARPET	VINYL	GYPSUM BD	OPEN TO RM 120	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
122	VAULT	VINYL ASB	VINYL	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD	FIRE CODE GYPSUM BD
123	COMMISSION MEET'G RM.	CARPET BY OWNER	VINYL	PANELING AS SPEC	PANELING AS SPEC	PANELING AS SPEC	PANELING AS SPEC	PANELING AS SPEC	LAY-IN ACOUSTICAL
124	COATS	CARPET BY OWNER	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
125	STORAGE	CARPET BY OWNER	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
126	STORAGE	CARPET BY OWNER	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
127	WORKROOM	VINYL ASB	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
128	SPECIAL ASSISTANT	CARPET BY OWNER	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
129	MEN	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE
130	WOMEN	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE
131	WOMEN'S LOUNGE	CARPET BY OWNER	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
132	REFRESHMENT	VINYL ASB	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL
133	OFFICE	CARPET BY OWNER	VINYL	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	GYPSUM BD	LAY-IN ACOUSTICAL

THE
BUILDING FOR THE
OFFICE
AN
BROWNSVILLE
NAVIGATION DISTRICT

WILHITE AND WINANS
ARCHITECTS
ENGINEERS
PLANNERS
1301 LOS EBANOS BOULEVARD
BROWNSVILLE
TEXAS

DRAWN BY VILL EGAS

REVISIONS
NOV 8, 72: ADDED RM 133
AND DOOR 34 TO SCHEDULES

COMM. NO. 69127

SHEET A2

OF 8

DATE 26 APR 72



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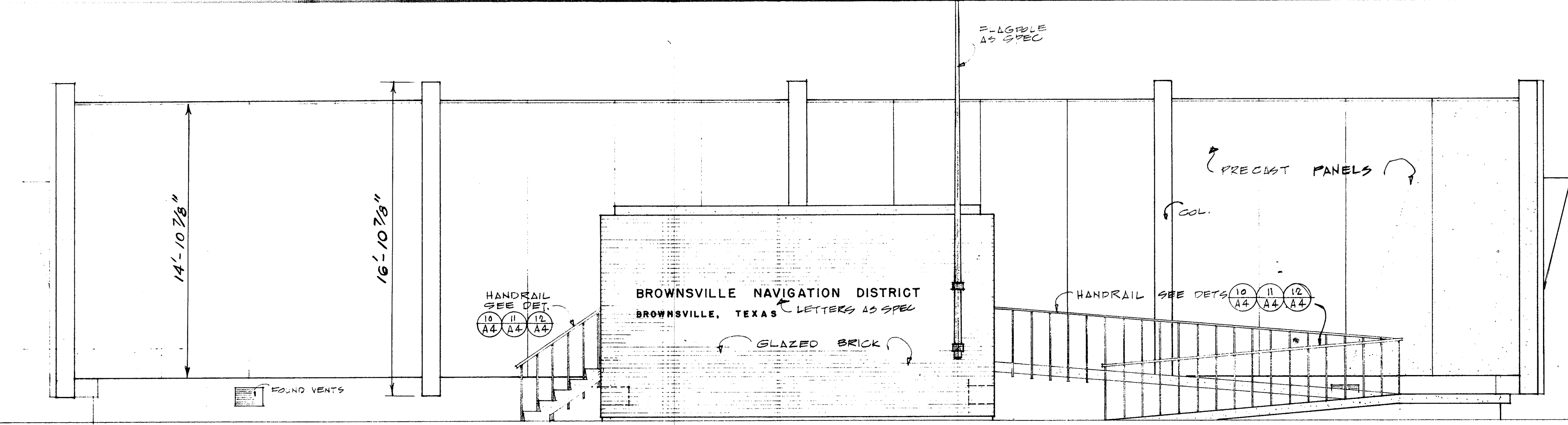
REVISIONS

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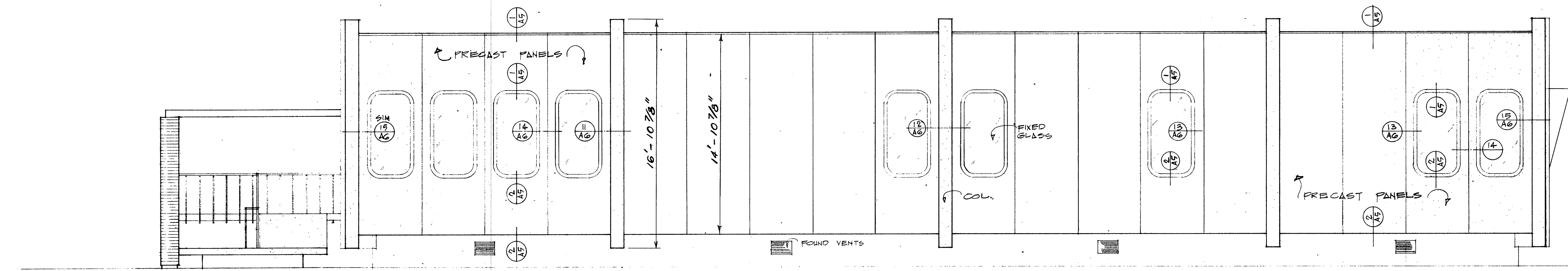
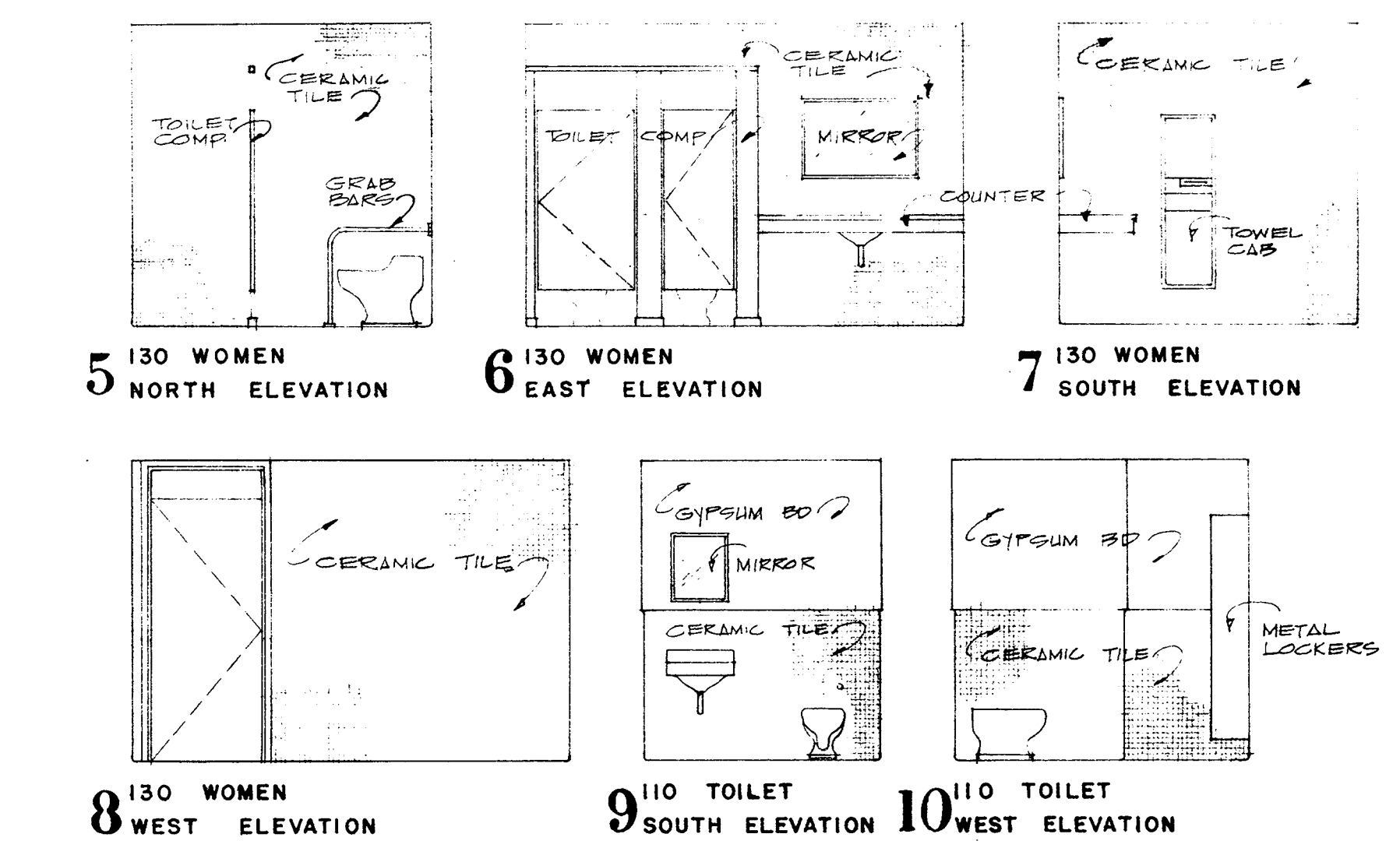
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OF 8

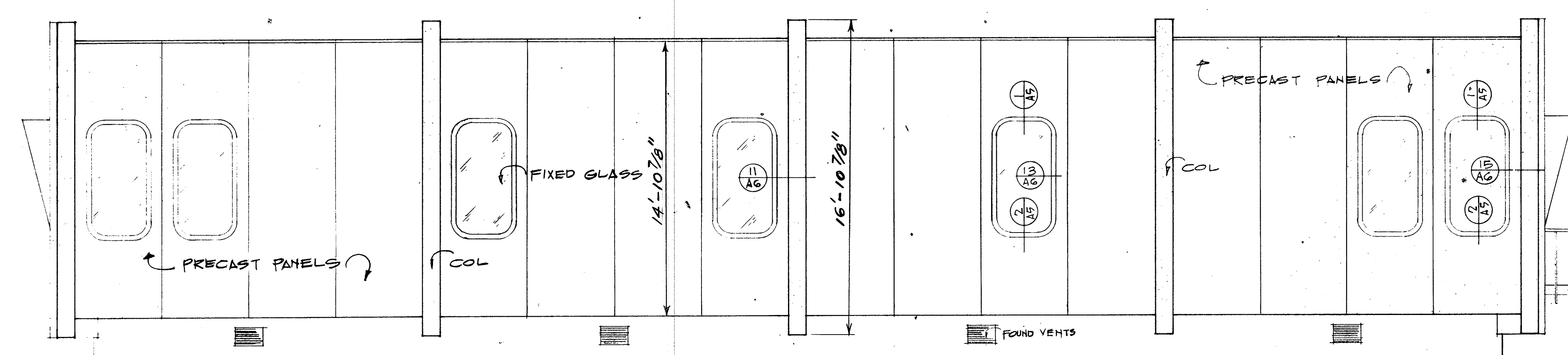
DATE 26 APR 72



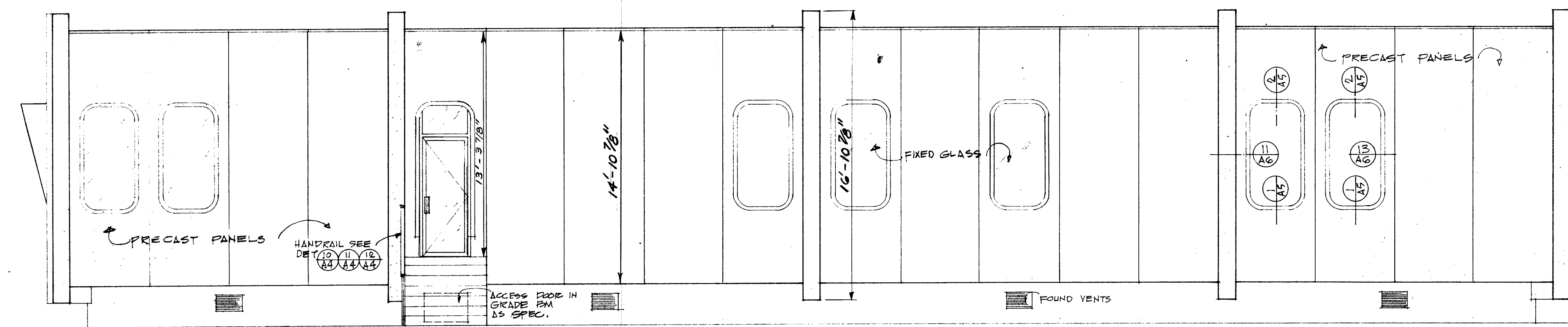
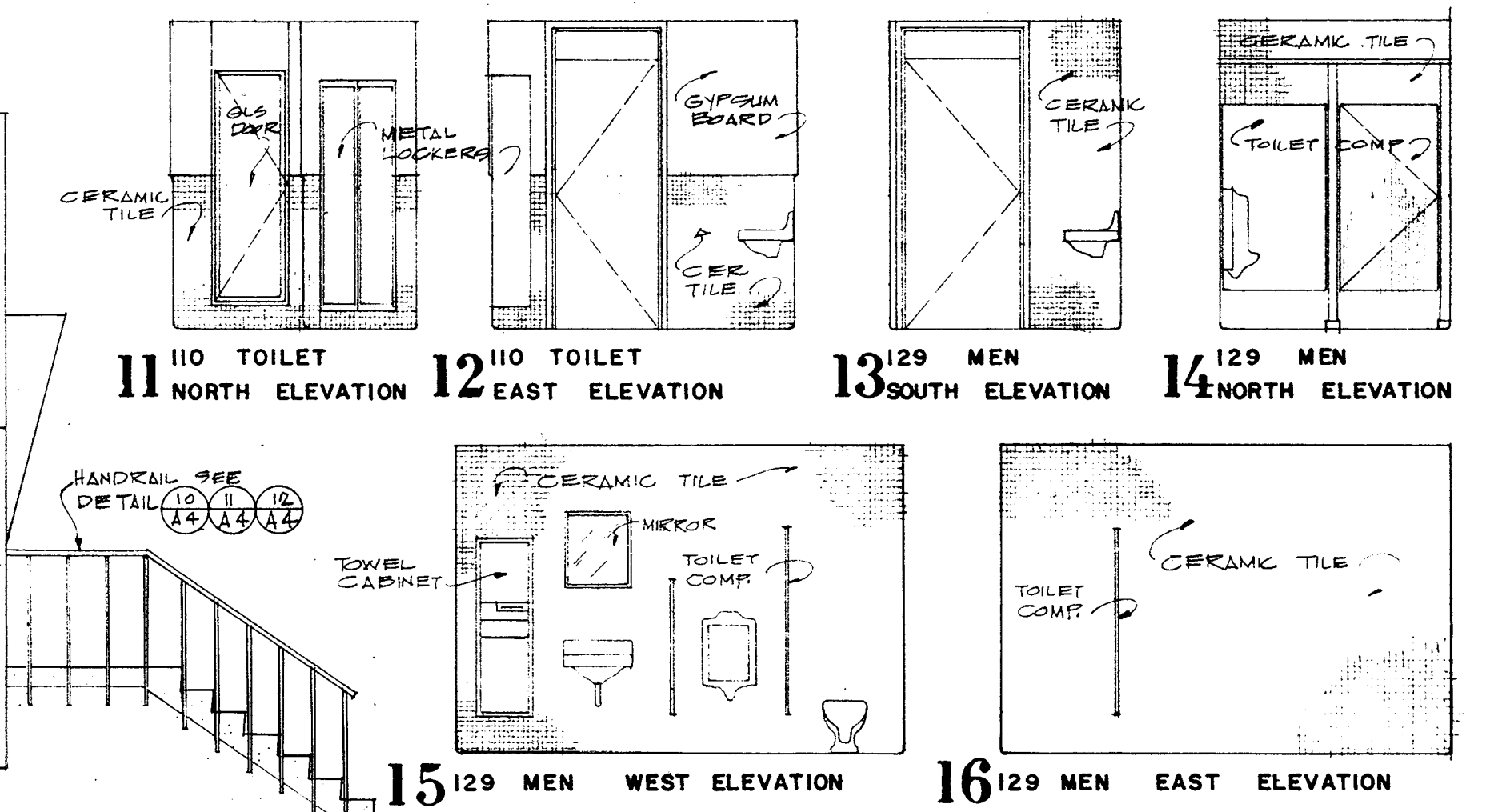
1 WEST ELEVATION



2 SOUTH ELEVATION



3 EAST ELEVATION



4 NORTH ELEVATION

BUILDING ELEVATIONS $\frac{1}{4}'' = 1'-0''$

SCALE

1 BUILDING CROSS SECTION 1/4" sc

2 BUILDING CROSS SECTION 1/4" sc

10 TYPICAL RAILING PLAN 3/16" sc

11 TOP RAIL CONNECTION 3/16" sc

12 TYPICAL RAILING SECTION

3 130 VANITY CAB ELEV @ 3/4" sc

4 SECTION @ 3/4" sc

5 RECEPTION DESK SECTION @ 3/4" sc

6 WEST ELEVATION @ DRAWERS 3/4" sc

7 EAST ELEVATION @ DRAWERS 3/4" sc

8 WEST AND EAST ELEVATION @ RECEPTION DESK

9 NORTH AND SOUTH ELEV @ RECEPTION DESK

BUILDING CROSS SECTIONS & MILLWORK

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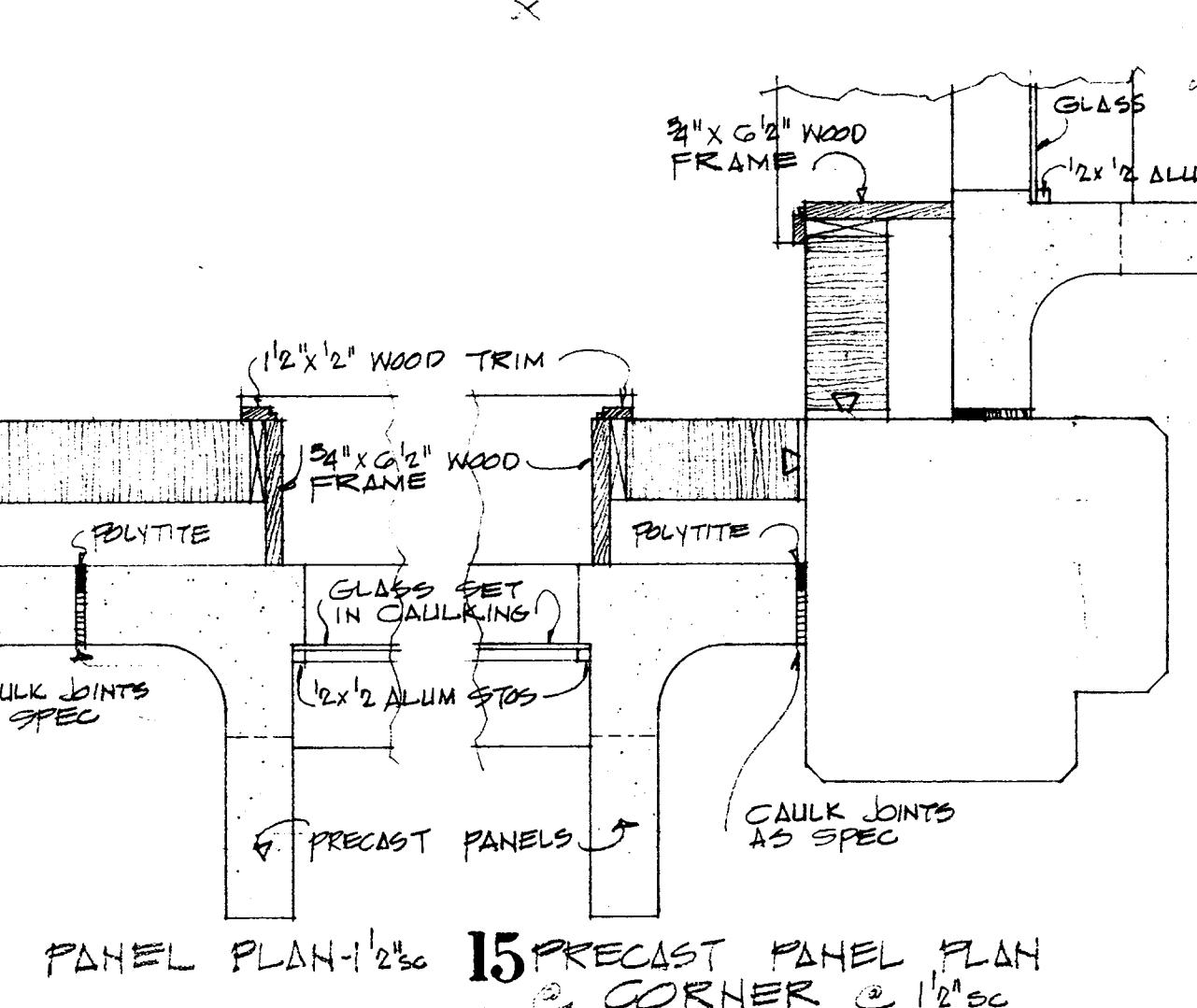
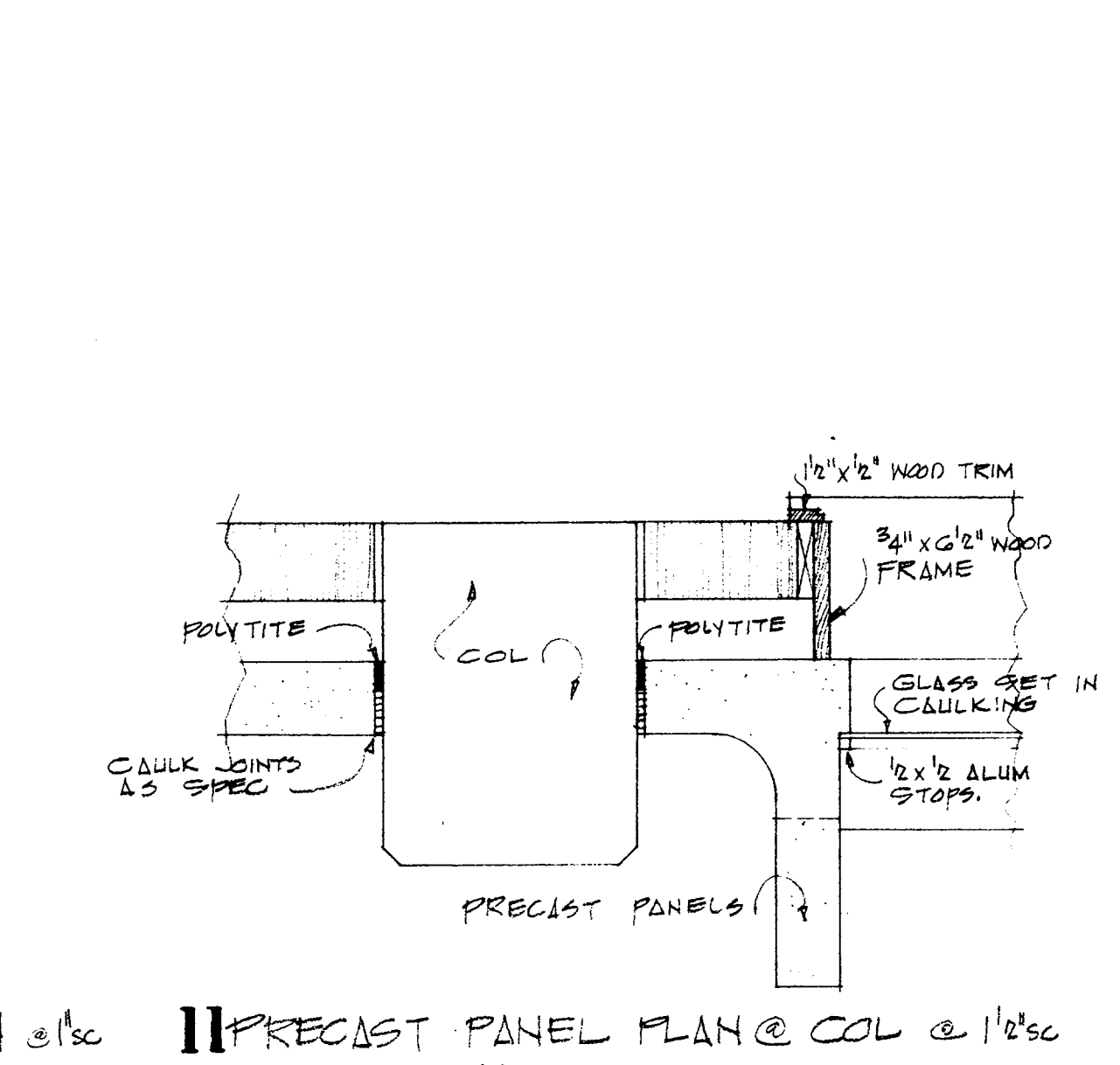
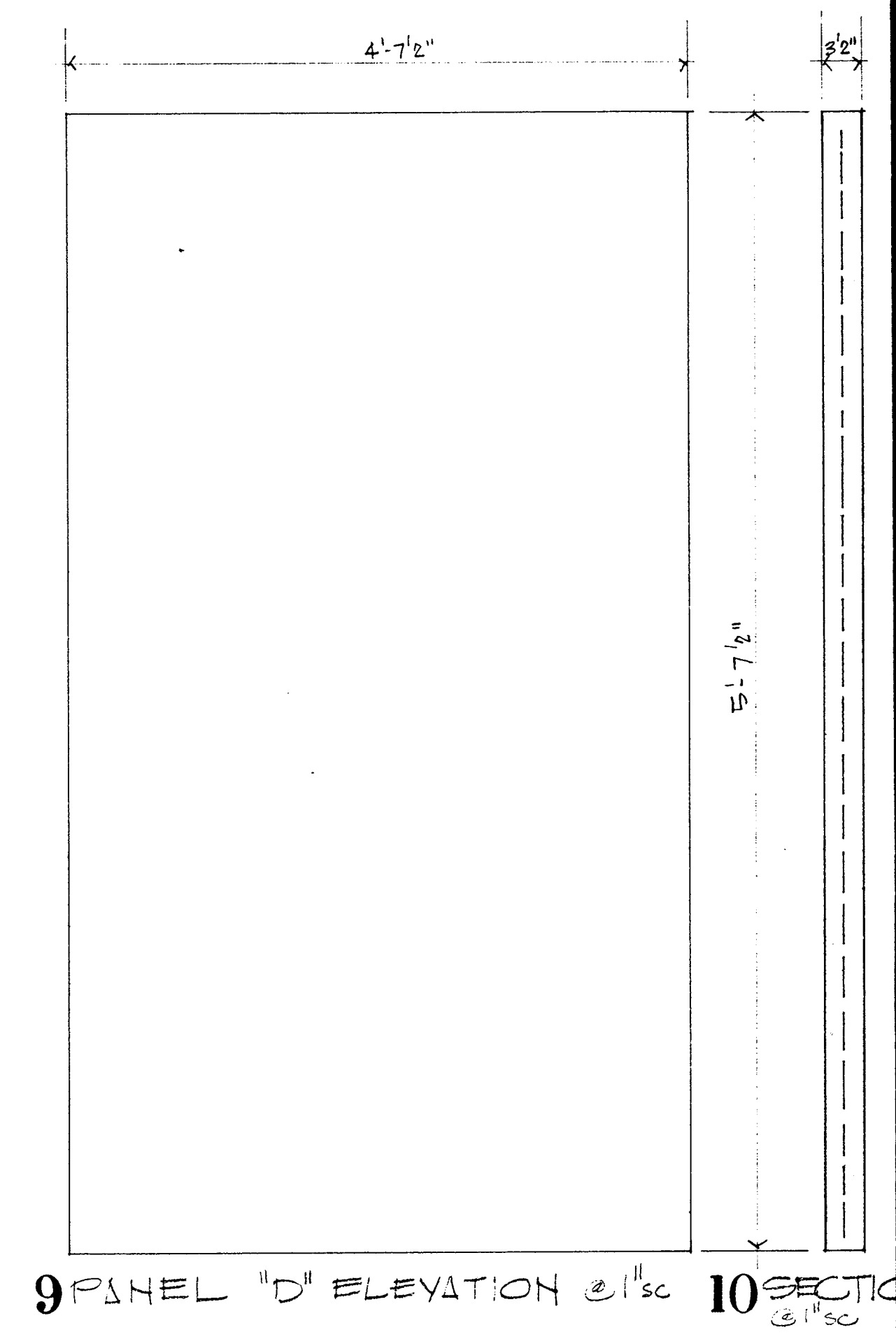
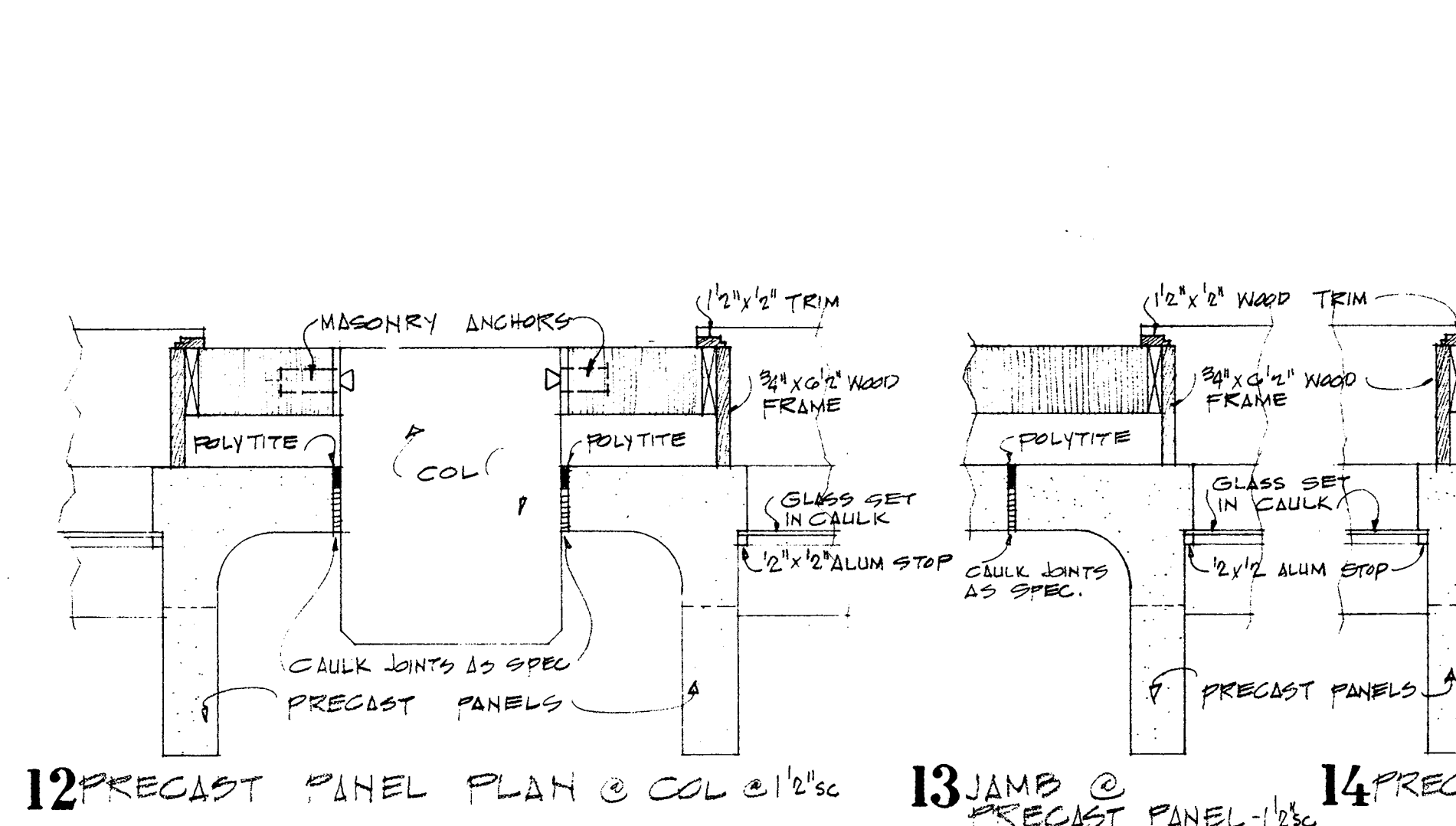
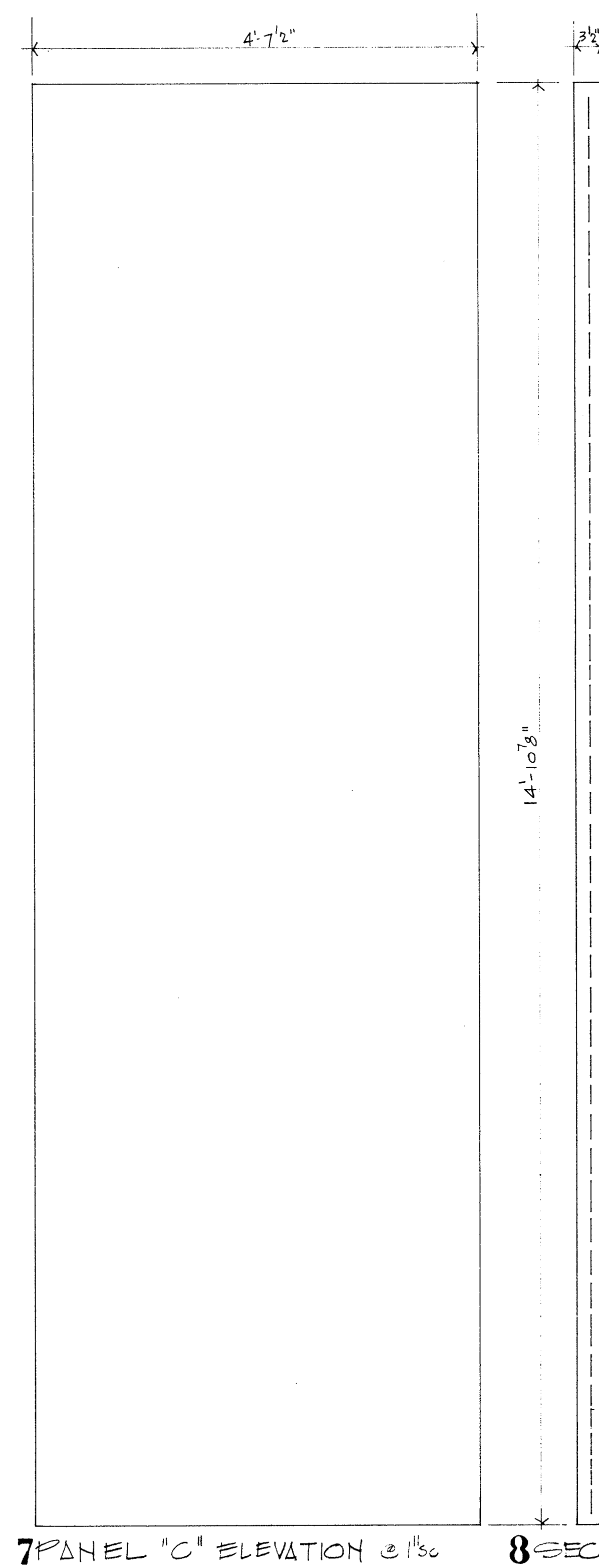
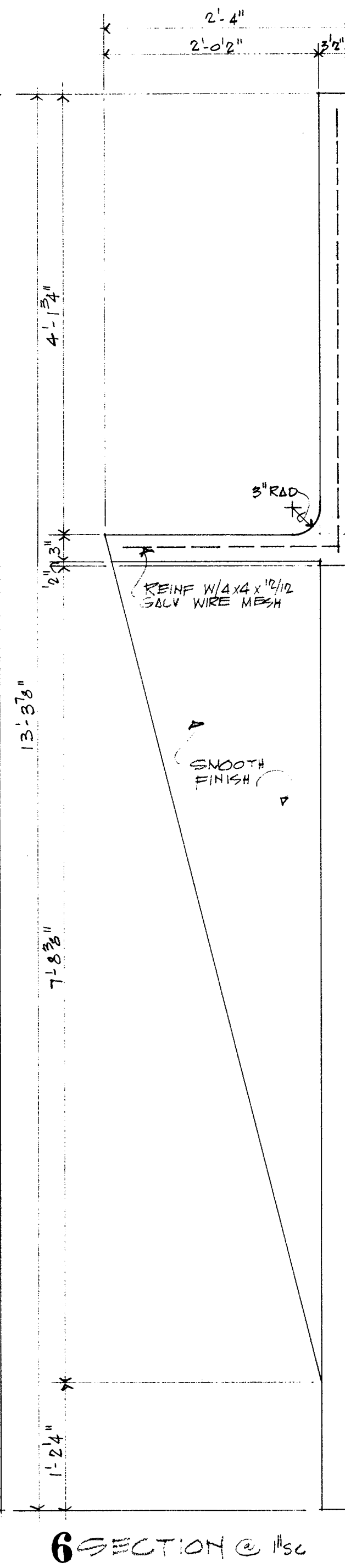
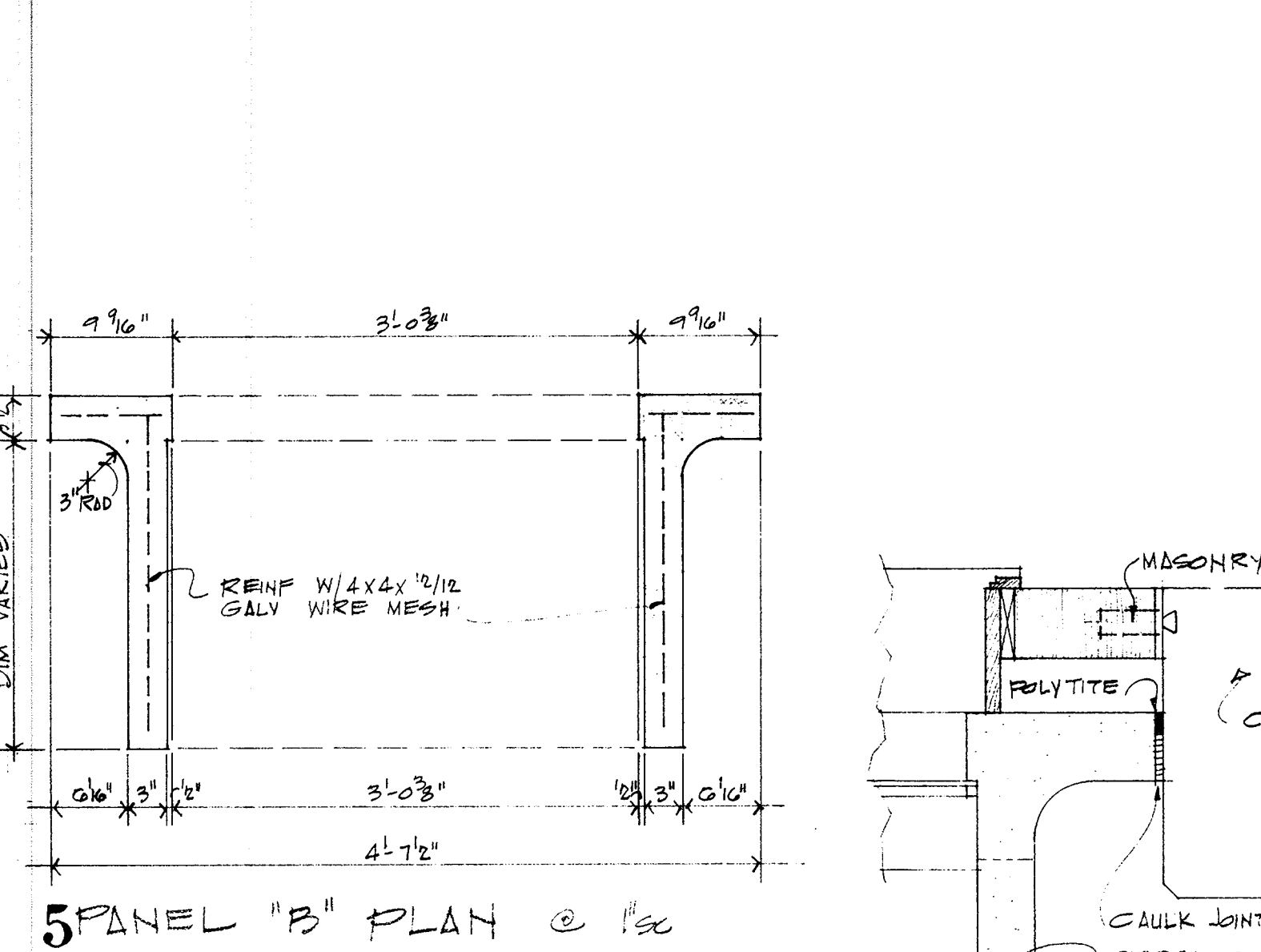
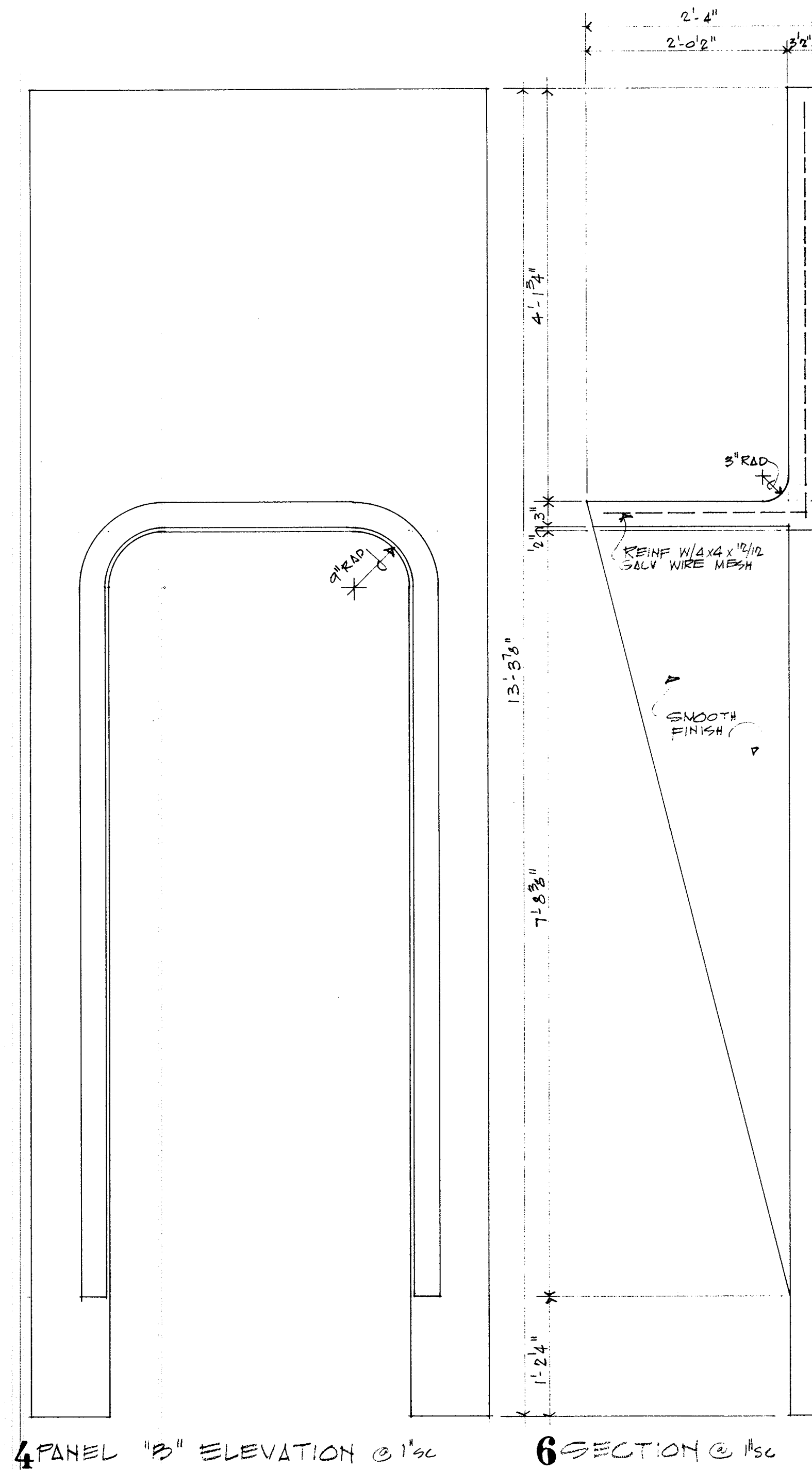
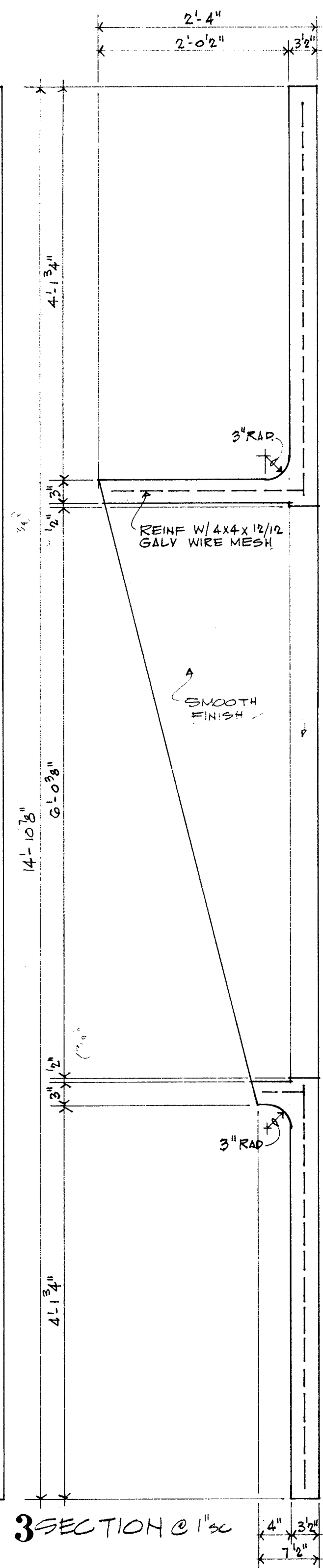
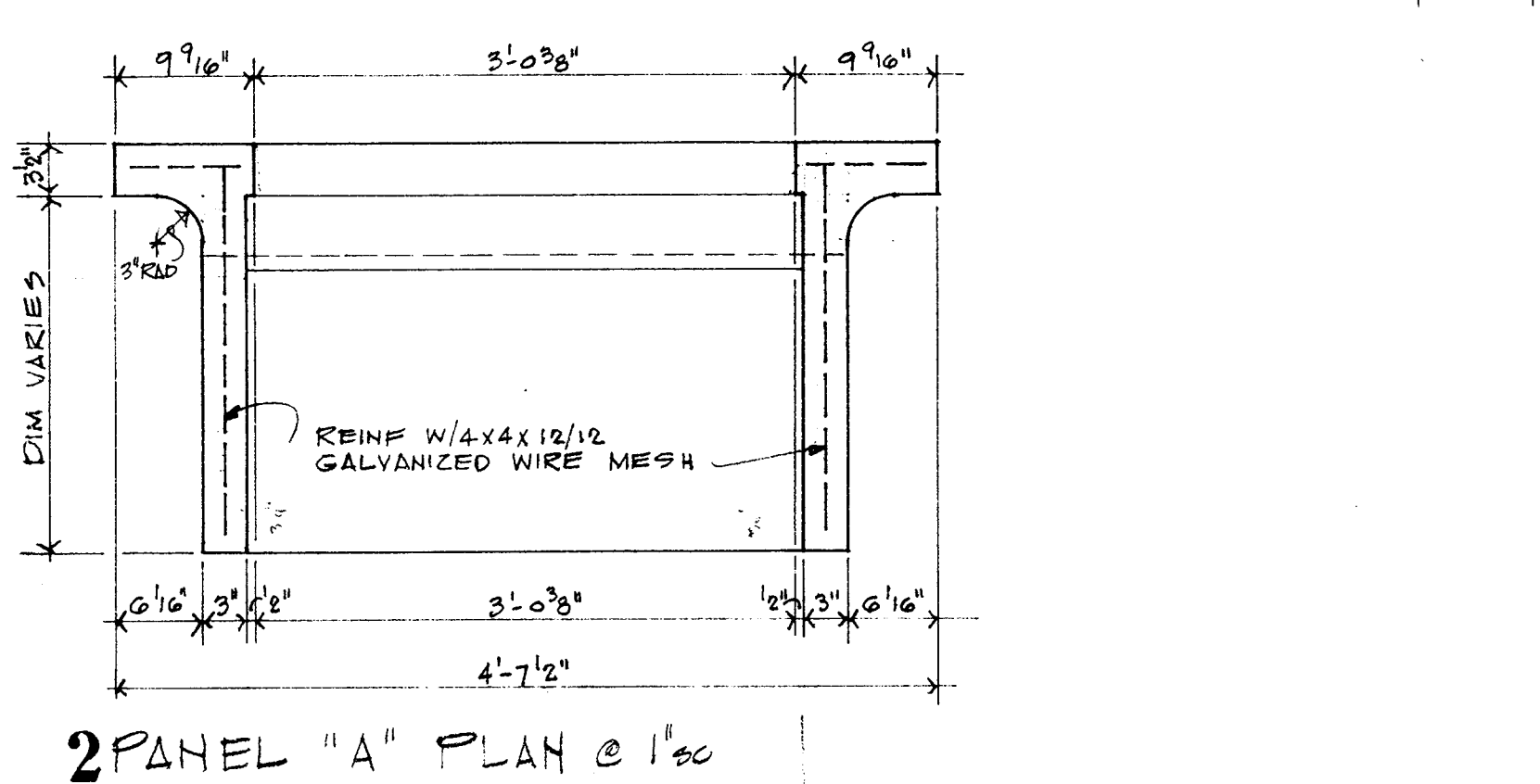
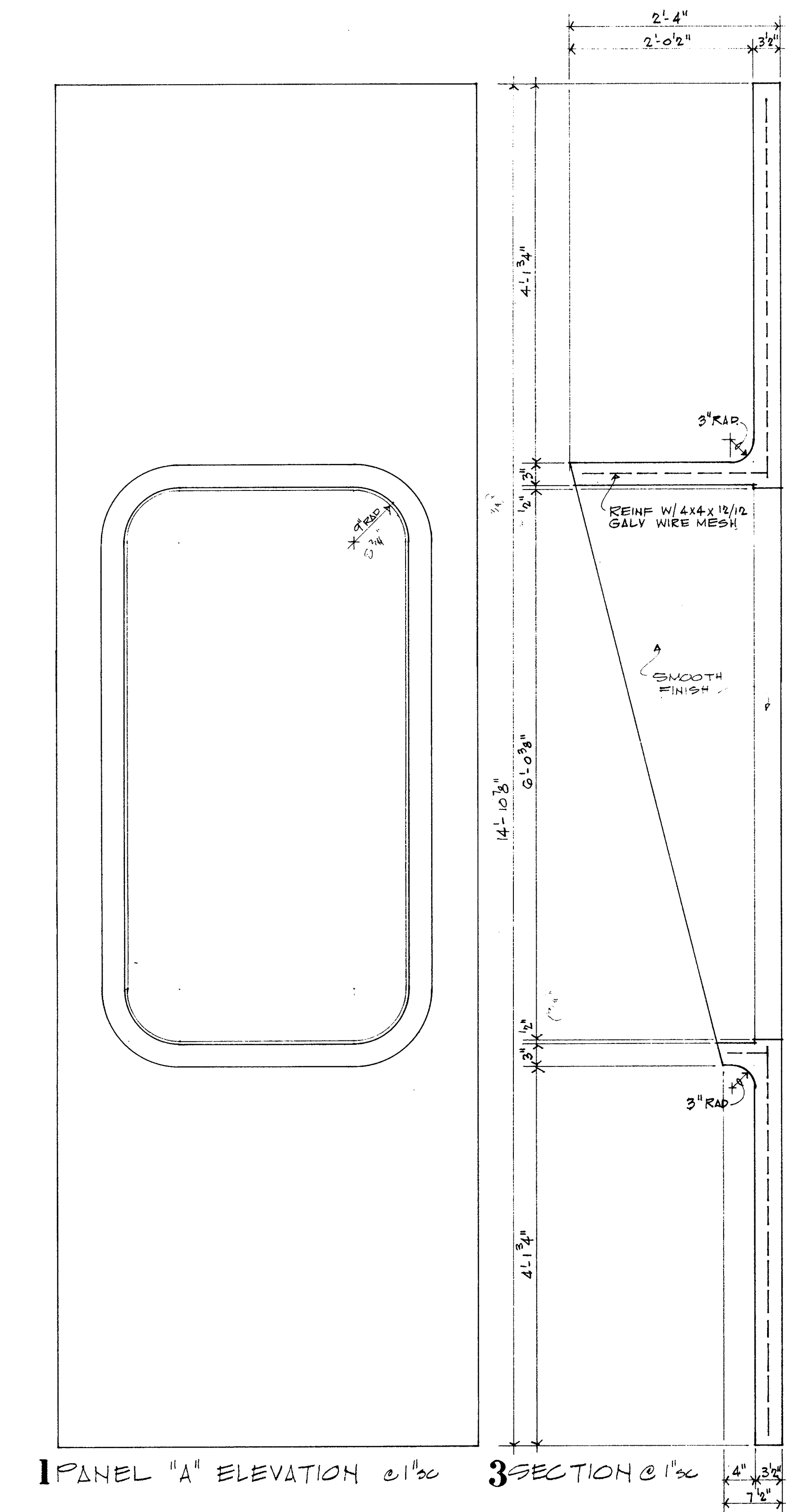
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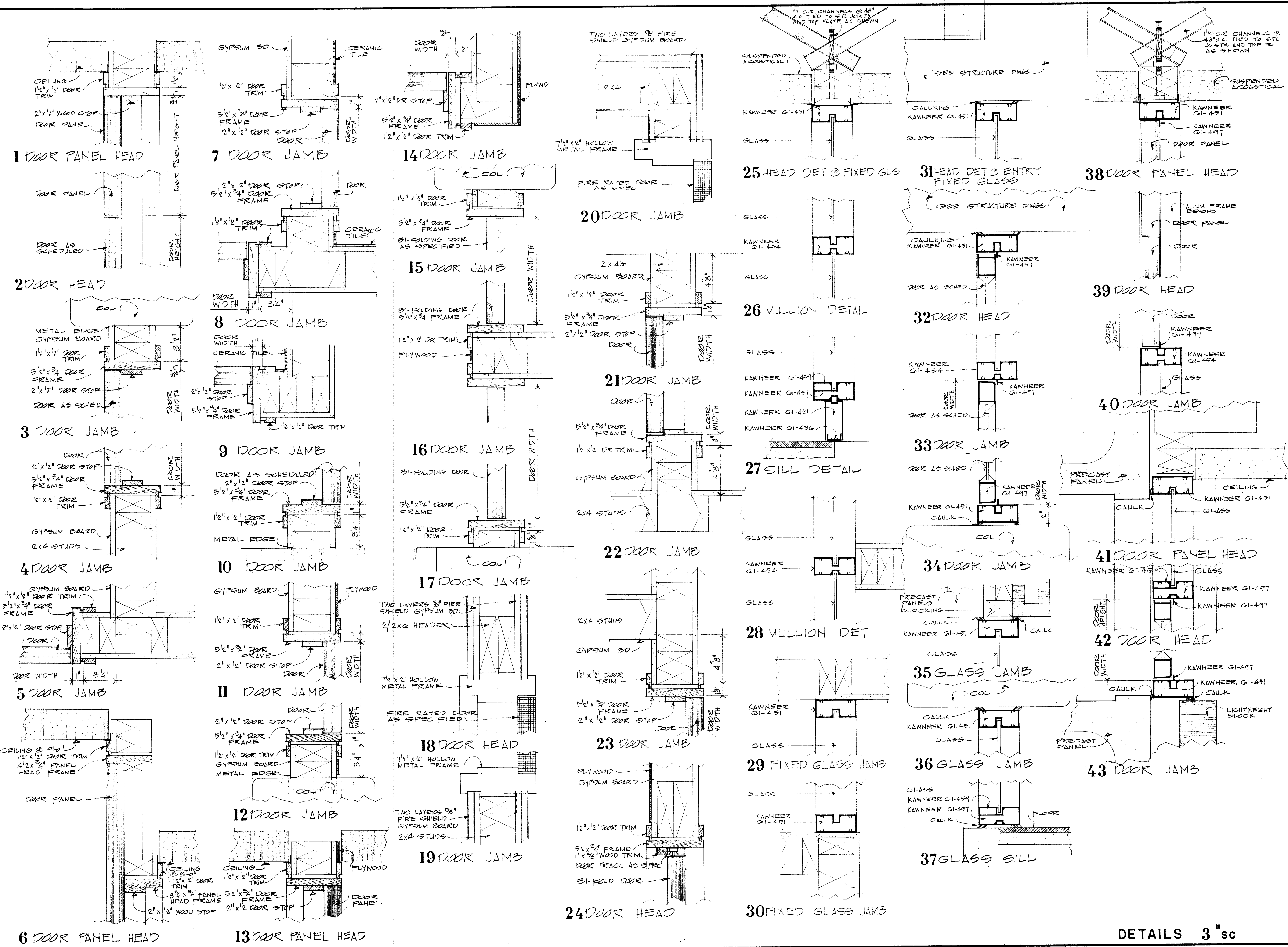
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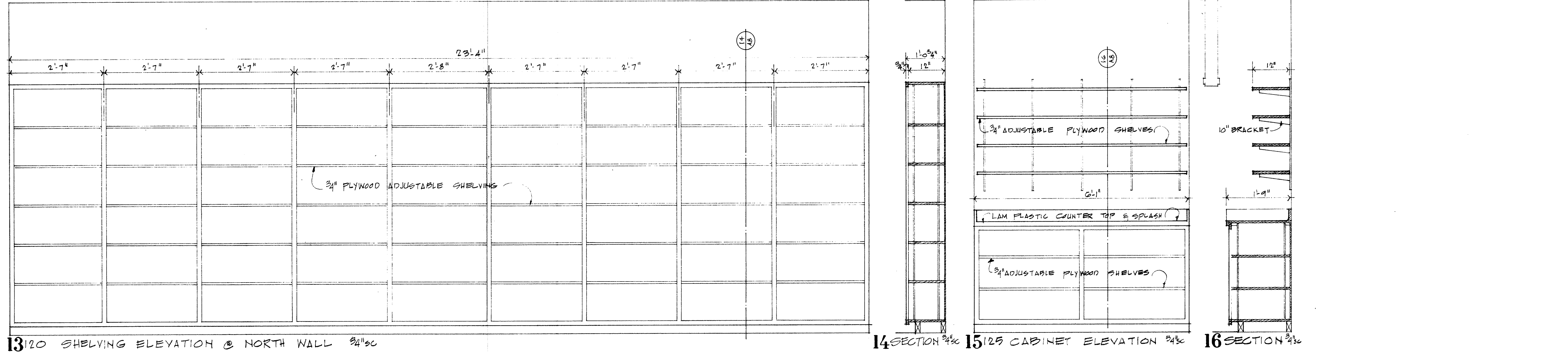
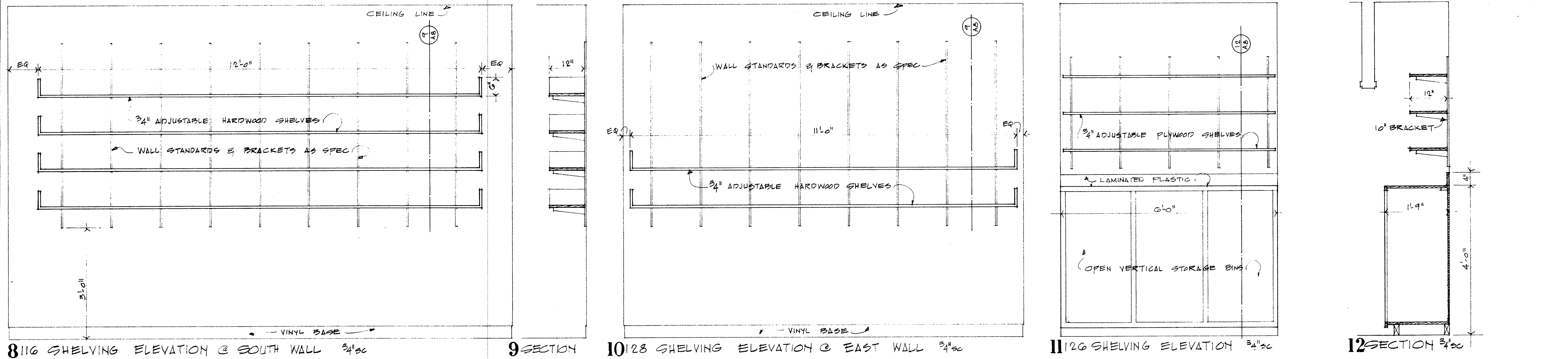
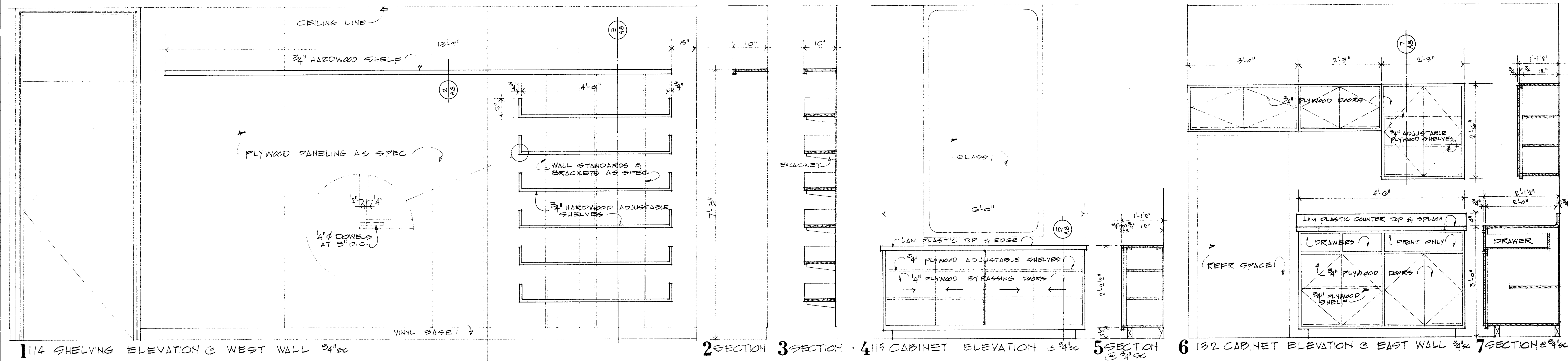
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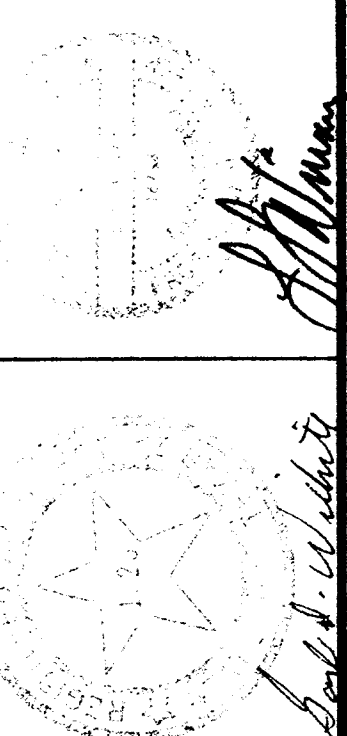








AN OFFICE BUILDING FOR THE
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ENGINEERS
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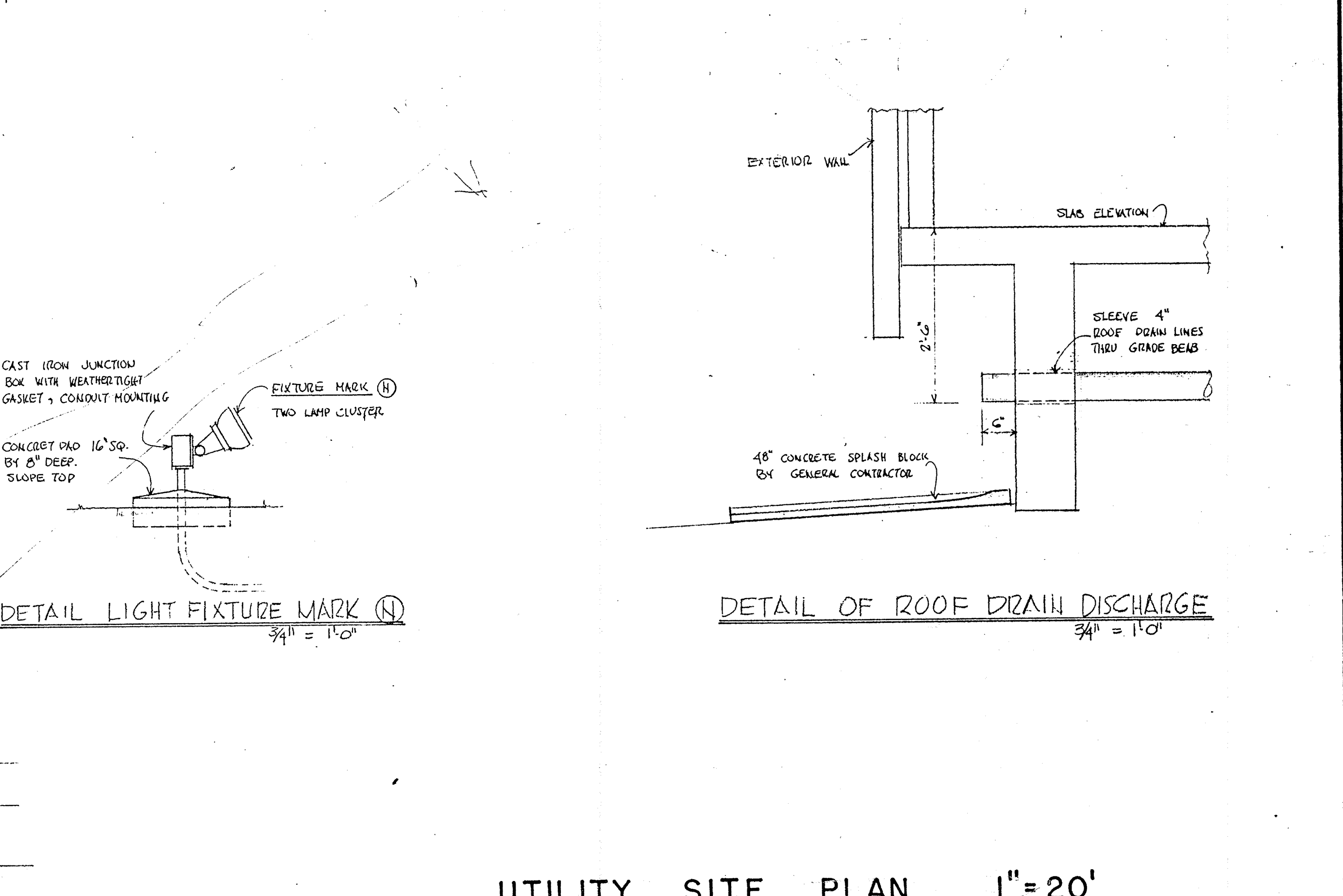
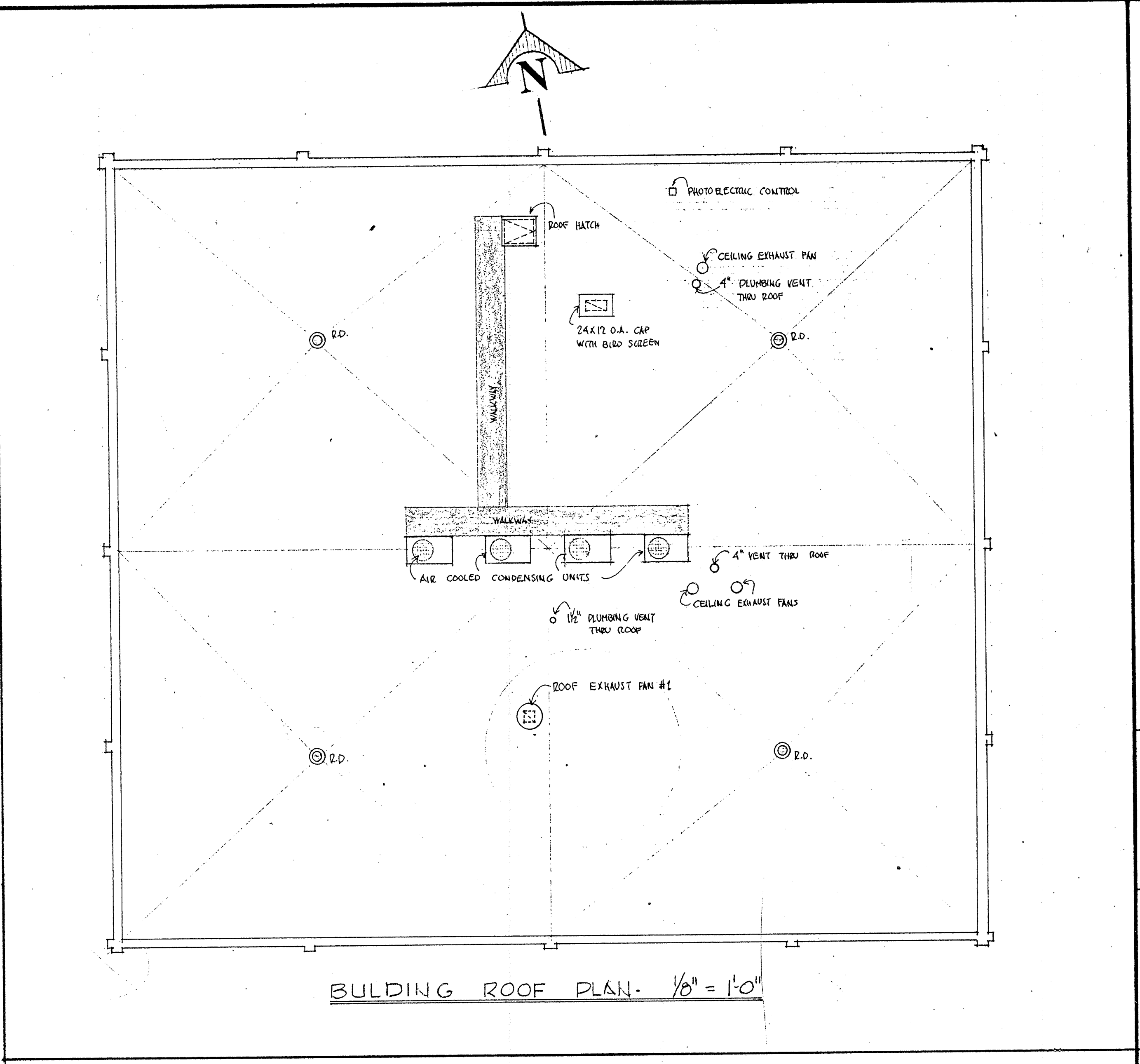
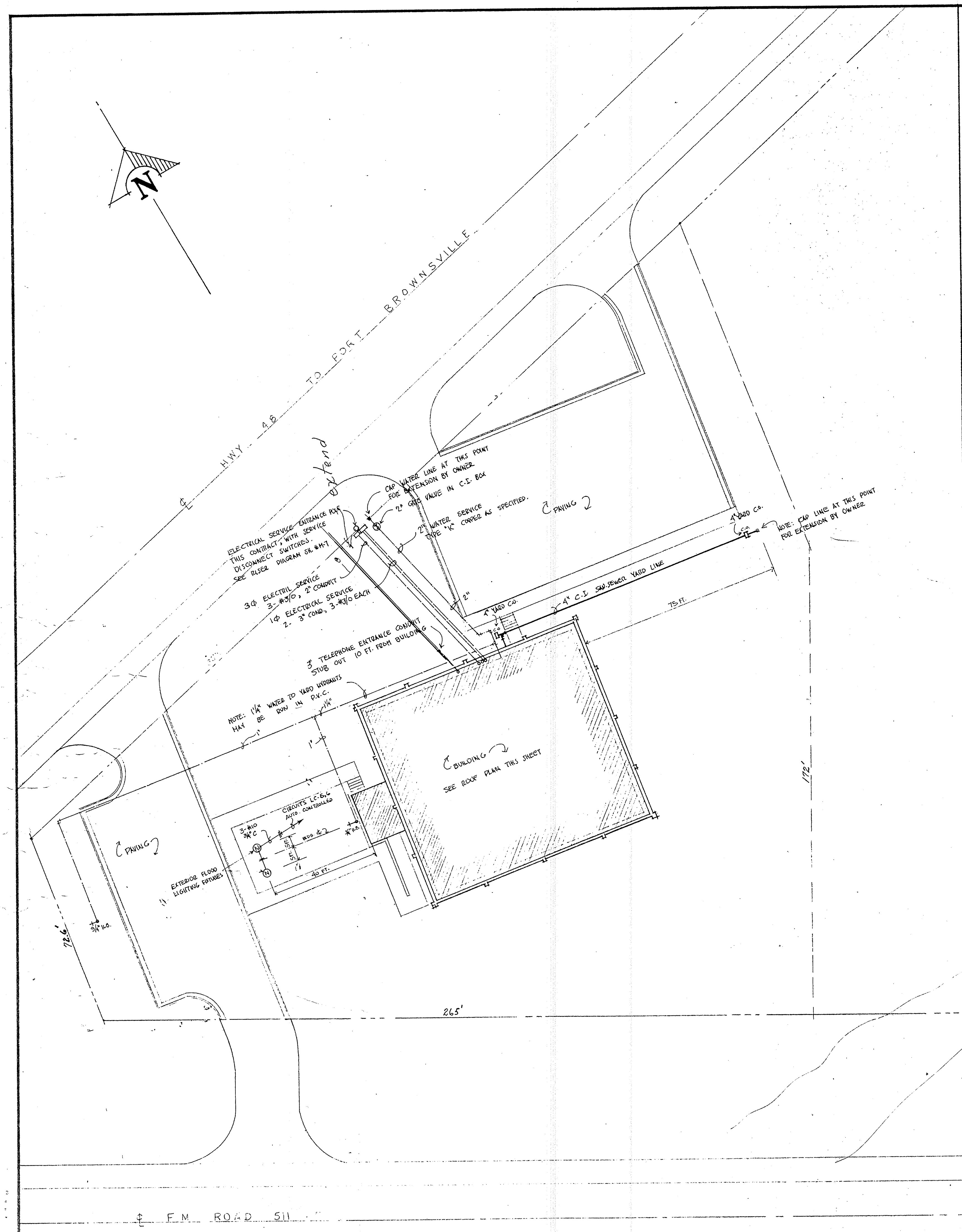
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MILLWORK



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W. Wilhite

WILHITE AND WINANS

ARCHITECTS
ENGINEERS

1301 LOS EBANOS BOULEVARD
BROWNSVILLE, TEXAS

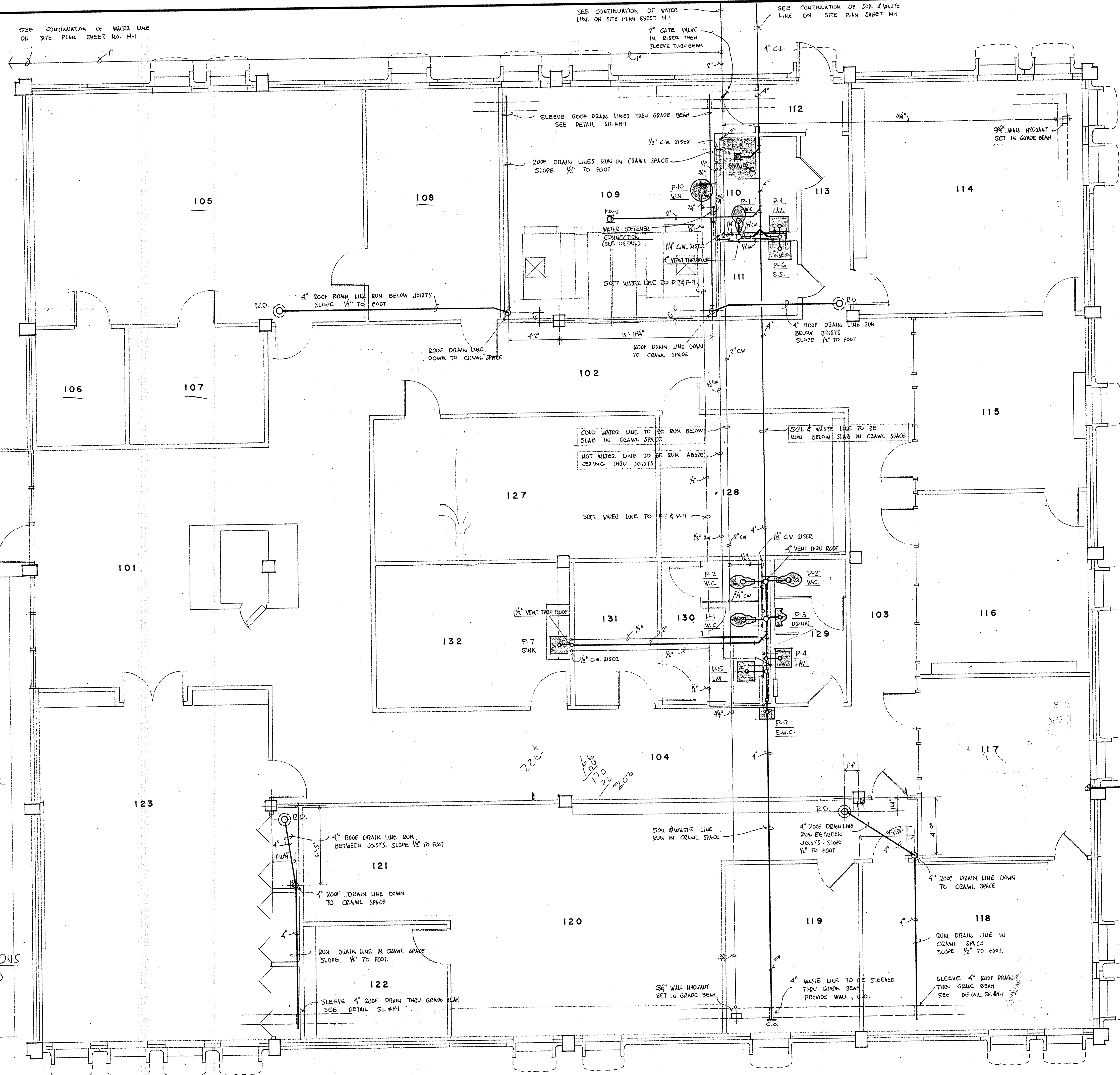
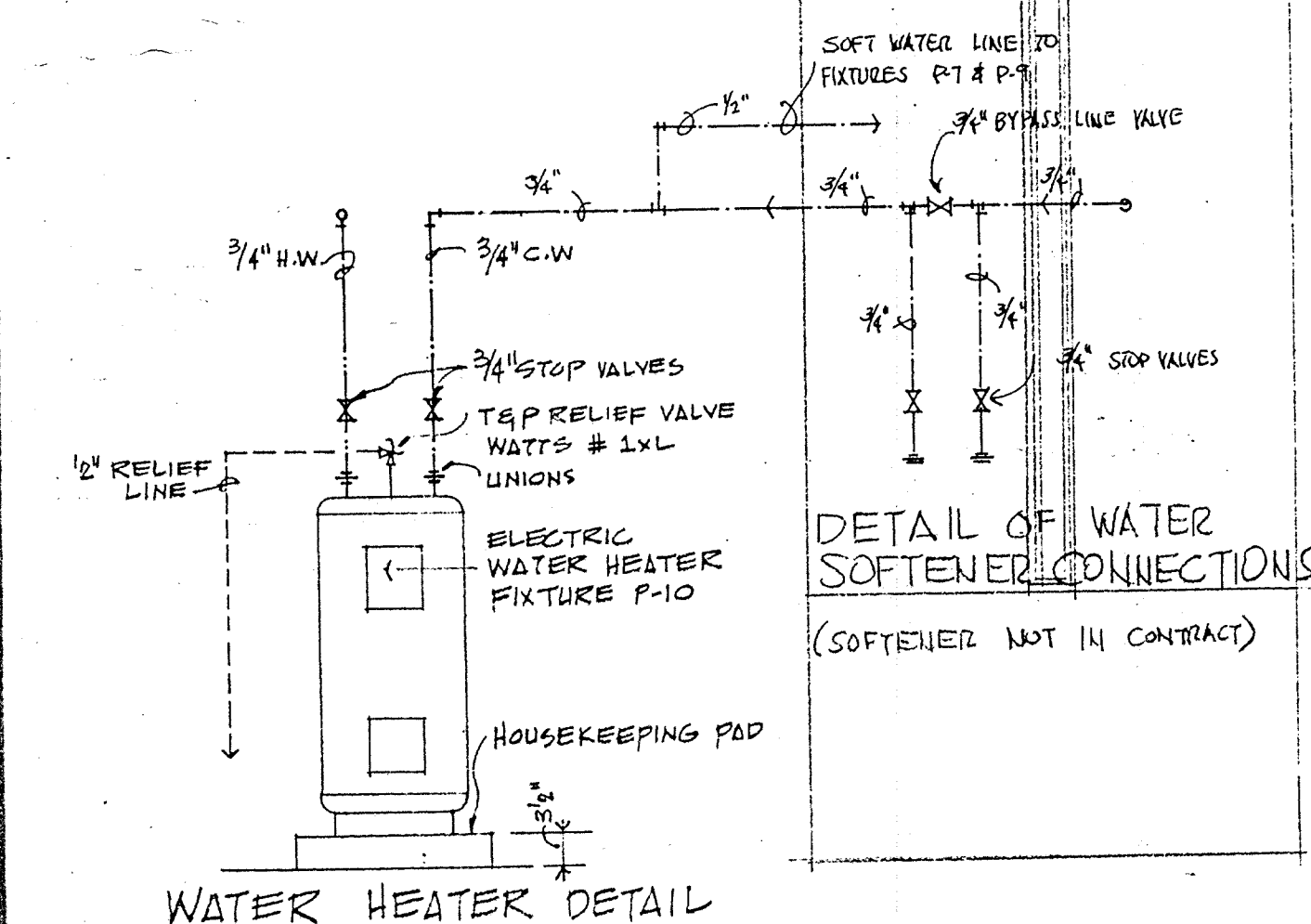
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OF	7
DATE	26 APR 72

PLUMBING FIXTURE SCHEDULE						
FIXTURE MARK	FIXTURE DESCRIPTION	ROUGH-IN SIZING				REMARKS
		C.W.	H.W.	W.	V.	
<u>P-1</u>	WATER CLOSET FLUSH VALVE STANDARD HEIGHT	1"	-	4"	2"	FLOOR MOUNTED
<u>P-2</u>	WATER CLOSET FLUSH VALVE 18" HEIGHT	1"	-	4"	2"	FLOOR MOUNTED
<u>P-3</u>	URINAL WALL HUNG	3/4"	-	2"	1 1/2"	
<u>P-4</u>	LAVATORY WALL HUNG	1/2"	1/2"	2"	1 1/4"	
<u>P-5</u>	LAVATORY COUNTER TOP	1/2"	1/2"	2"	1 1/2"	
<u>P-6</u>	SERVICE SINK	1/2"	1/2"	3"	1 1/2"	WITH "P" TRAP STANDARD
<u>P-7</u>	SINK STAINLESS STEEL	1/2"	1/2"	2"	1 1/2"	
<u>P-8</u>	SHOWER SET	1/2"	1/2"	2"	-	
<u>P-9</u>	ELECTRIC WATER COOLER	1/2"	-	2"	1 1/4"	
<u>P-10</u>	WATER HEATER ELECTRIC	3/4"	3/4"	-	-	30 GALLON

SEE WRITTEN SPECIFICATIONS FOR DETAILED FIXTURE SPECIFICATIONS. SEE PLAN FOR PIPING SIZES TO FIXTURE GROUPS.

PLUMBING LEGEND

- C.I. — CAST IRON SOIL PIPE AS SPEC.
- V. — VENT PIPING AS SPEC.
- C.W. — DOMESTIC COLD WATER PIPING AS SPECIFIED.
- H.W. — DOMESTIC HOT WATER PIPING AS SPECIFIED.
- G.V. — GATE VALVE, FULL LINE SIZE
- C.O. — FLOOR CLEANOUT, SIDEWALK CLEANOUT OR YARD CLEANOUT AS NOTED.
- C.O. — WALL CLEANOUT OR CLEANOUT BELOW SLAB IN HORIZONTAL LINE.
- V.T.R. — PLUMBING VENT THRU ROOF
- H.B. — WALL HYDRANT, EQUAL TO "JOSAM" SERIES 1420-N.
- H.B. — YARD HYDRANT, EQUAL TO "WOLVERINE" BRASS NO. 50RG2 POST MOUNTED.
- F.D. — FLOOR DRAINS AS SCHED BELOW FD-1 "JOSAM" #302-31E1 W/RB. STRAINER FD-1 "JOSAM" #302-35A W/RB. STRAINER
- R.D. — ROOF DRAIN EQUAL TO "JOSAM" NO. 4114 WITH C.I. DOME, WITH DECK CLAMPS.



PLUMBING PLAN 1/4" = 1'-0"

AN OFFICE BUILDING FOR THE
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OF 7

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Gayle D. Wilburt

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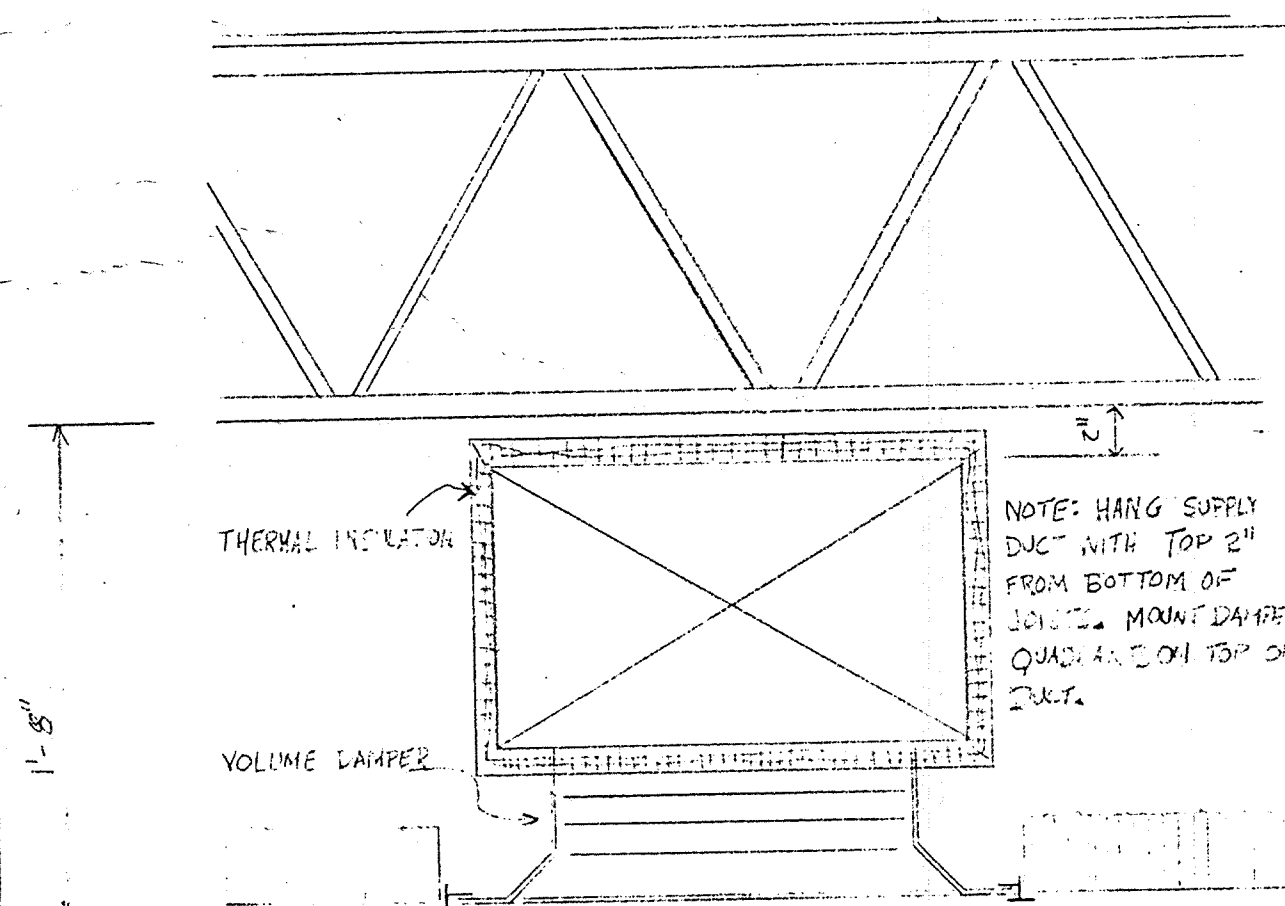
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FRONT ELEV. A.H.U. #2

DOOR GRILLES AS SPECIFIED SHALL BE FURNISHED BY AIR CONDITIONING CONTRACTOR, FOR INSTALLATION BY GENERAL CONTRACTOR. SIZES OF DOOR GRILLES SHALL BE AS FOLLOWS:

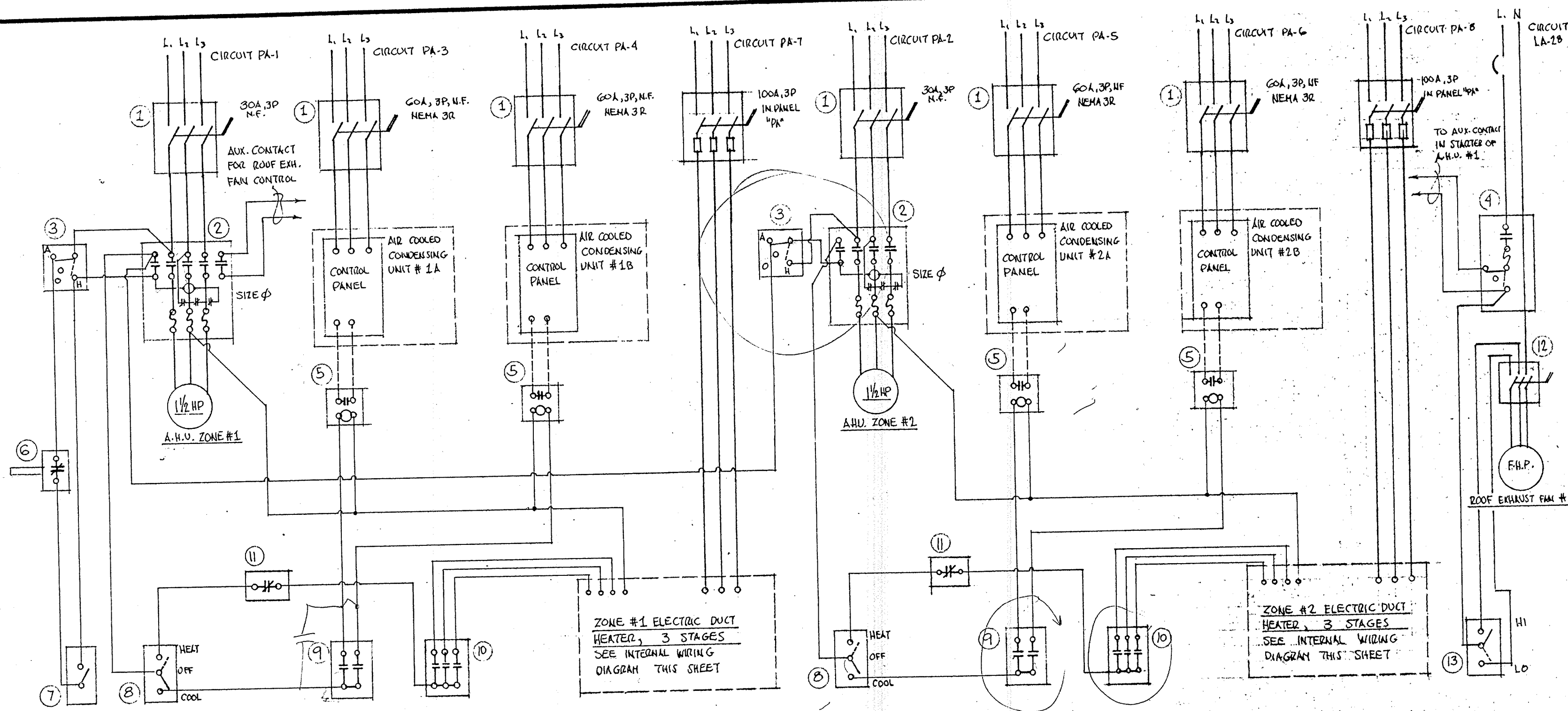
- A $24'' \times 24''$
- B $24'' \times 18''$
- C $24'' \times 12''$



NOTE: ALL SUPPLY DIFFUSERS TO BE SQUARE PERFORATED TYPE AS SPECIFIED. FURNISH FOR SURFACE MOUNTING OR LAY-IN CEILING AS NOTED ON PLAN AND SCHEDULE.

TYPICAL DUCT & DIFFUSER DETAIL

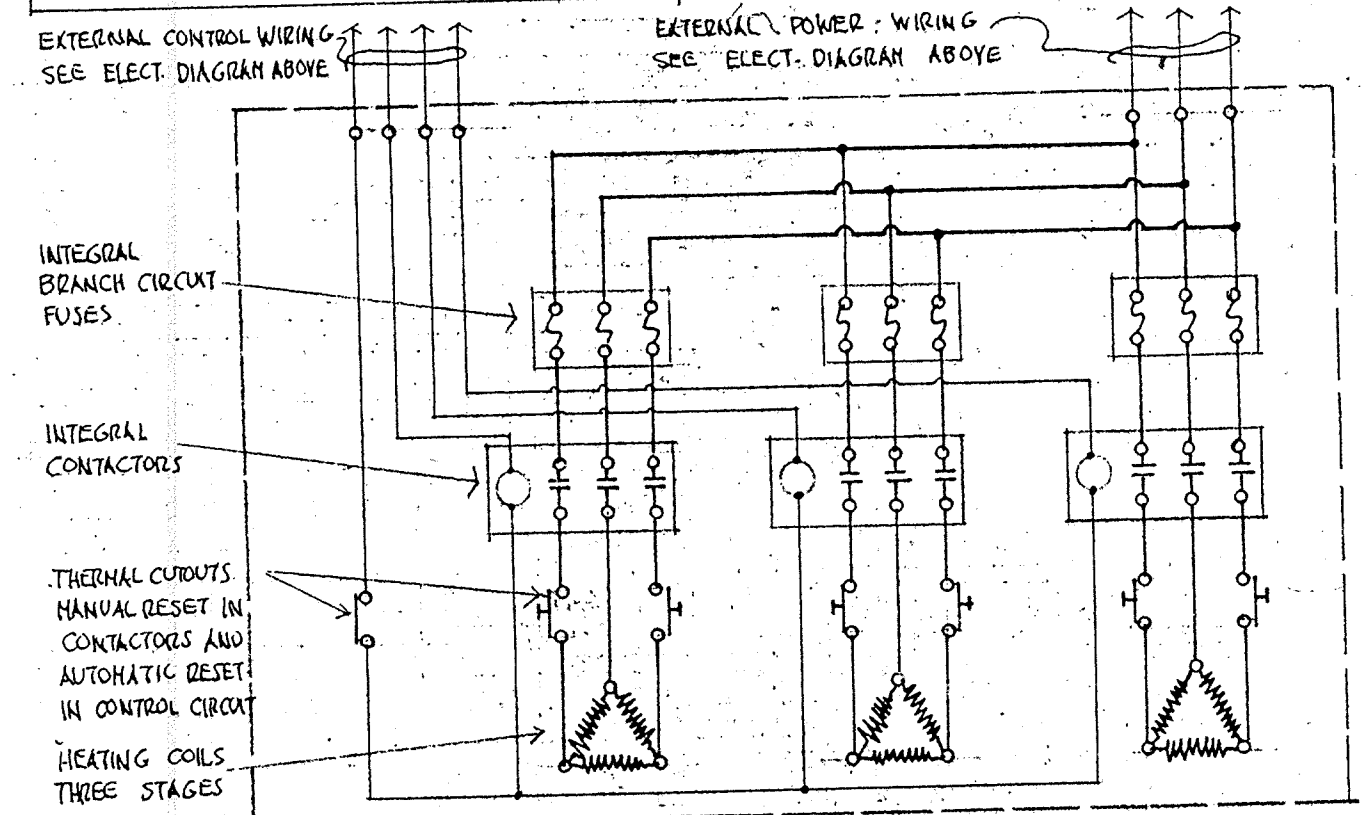
$$1\frac{1}{2}'' = 1'-0''$$



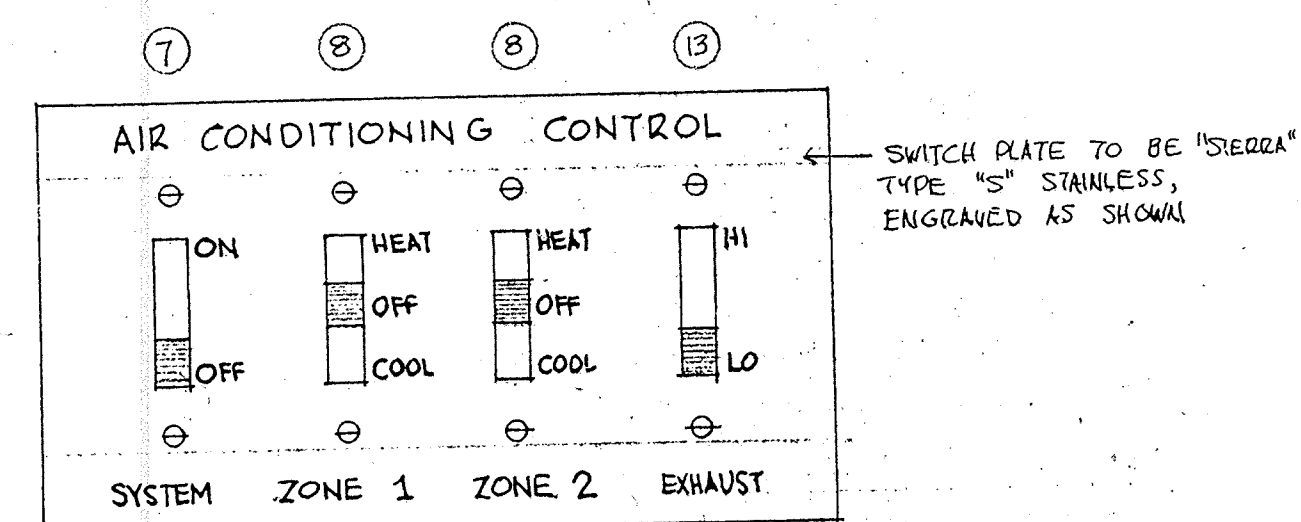
AIR CONDITIONING POWER AND CONTROL WIRING SCHEMATIC DIAGRAM

SCHEDULE OF SWITCHES AND CONTROL ITEMS			SPEC. SECT.	
MARK NO.	DESCRIPTION	LOCATION	A.C. 15B	ELECT 16A
①	SERVICE DISCONNECT SAFETY SWITCH HEAVY DUTY, SIZE AS NOTED OR SHOWN ON PLAN	LOCATE NEAR MOTOR OR EQUIPMENT SERVED AS SHOWN ON PLAN		
②	CROSS THE LINE MAGNETIC MOTOR STARTER	LOCATE NEAR MOTOR SERVED AS SHOWN ON PLAN IN MECHANICAL ROOM #109		
③	"HAND-OFF-AUTO" SWITCH	INTEGRAL WITH MOTOR STARTER		
④	FRACTIONAL H.P. MANUAL MOTOR STARTER WITH "HAND-OFF-AUTO" SWITCH	LOCATE IN MECHANICAL RM. #109 AS SHOWN ON PLAN		
⑤	AIR COOLED CONDENSING UNIT CONTROL RELAY - S.P.S.T. - N.O.	LOCATE IN MECHANICAL ROOM #109 NEAR A.H.U. STARTERS		
⑥	FIRESTAT - S.P.S.T.-N.C. "HONEYWELL" #L4029E	LOCATE IN RETURN AIR DUCT OF A.H.U. #1, MECHANICAL RM. #109, NEAR RETURN AIR GRILLE		
⑦	AIR HANDLING UNIT CONTROL SWITCH S.P.S.T.	MOUNT IN SWITCHBOX AT CONTROL LOCATION IN HALL ROOM #113 SEE SWITCHPLATE DETAIL THIS SHEET.		
⑧	HEATING-COOLING SELECTOR SWITCH S.P.D.T. WITH CENTER OFF POSITION	MOUNT IN SWITCHBOX AT CONTROL LOCATION IN HALL ROOM #113 SEE SWITCHPLATE DETAIL THIS SHEET.		
⑨	WALL MOUNTED THERMOSTAT, TWO STAGE COOLING, "HONEYWELL" #T42J WITH CONTEMPORARY COVER	ZONE #1, MOUNT ON WALL RM. #108. ZONE #2, MOUNT ON WALL RM. #120.		
⑩	WALL MOUNTED THREE STAGE HEATING THERMOSTAT, "HONEYWELL" #T42M WITH CONTEMPORARY COVER	ZONE #1, MOUNT ON WALL RM. #108. ZONE #2, MOUNT ON WALL RM. #120.		
⑪	AIR FLOW SWITCH, "MCDONNELL-MILLER" #AF-1	MOUNT ON SUPPLY AIR DUCT NEAR ELECTRIC DUCT HEATER IN MECHANICAL ROOM #109		
⑫	SERVICE DISCONNECT FOR ROOF EXHAUST FAN	FACTORY MOUNTED ON ROOF EXHAUST FAN		
⑬	ROOF EXHAUST FAN "HI-LO" SPEED CONTROL SWITCH, S.P.D.T.	MOUNT IN SWITCHBOX AT CONTROL LOCATION IN HALL ROOM #113 SEE SWITCHPLATE DETAIL THIS SHEET.		

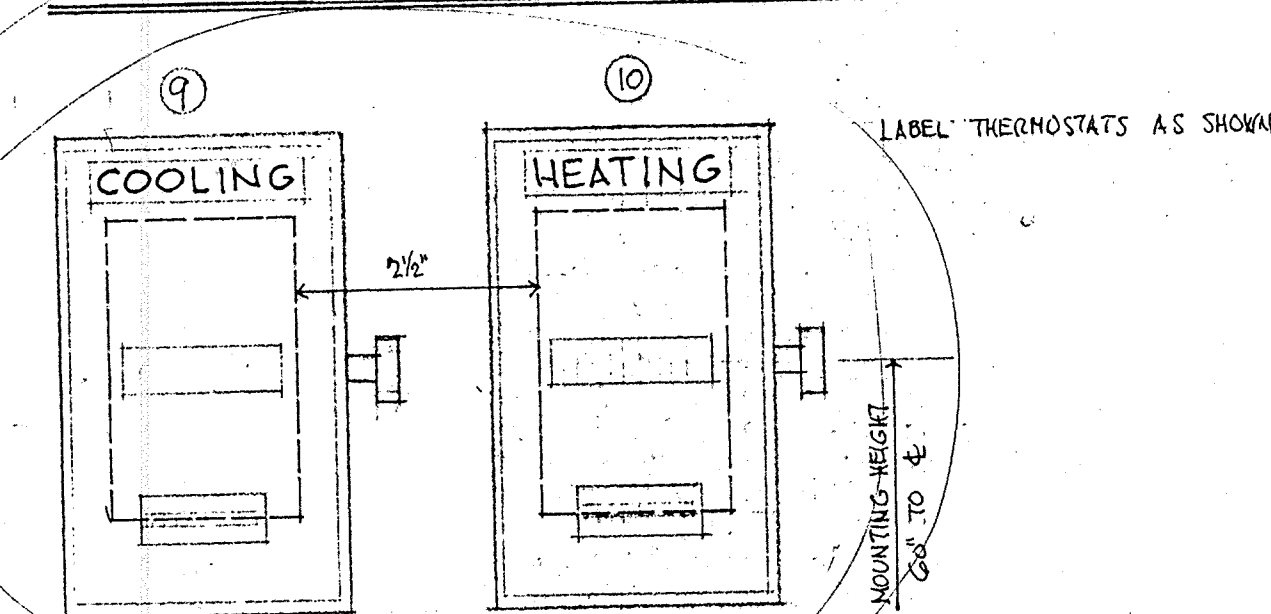
NOTE: ALL INTERNAL CONTROL ITEMS TO BE FURNISHED BY AIR CONDITIONING CONTRACTOR UNDER SECTION 15B OF SPECIFICATIONS. INTERNAL CONTROL ITEMS ARE NOT LISTED IN SCHEDULE THIS SHEET.



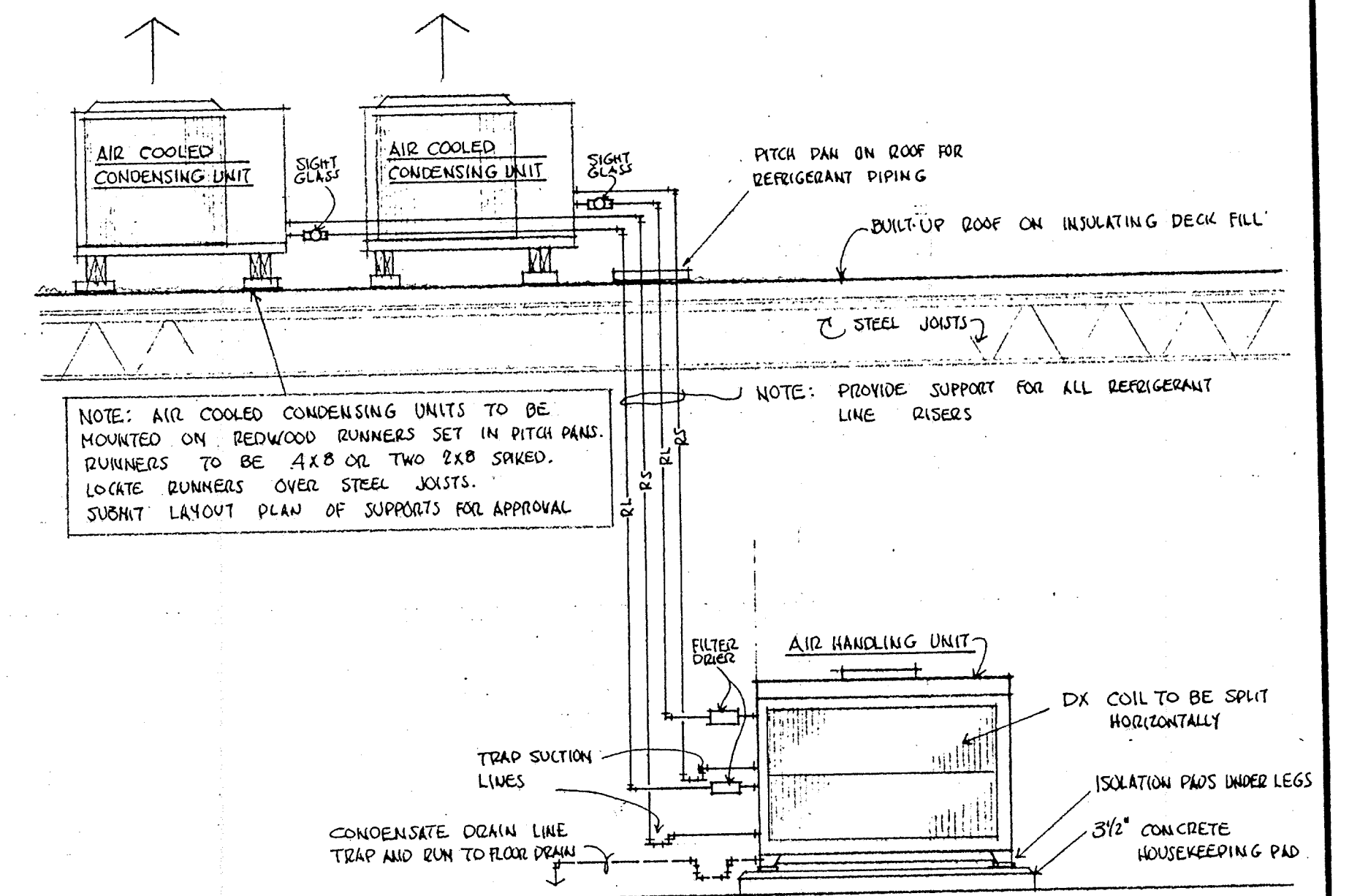
ELECTRIC DUCT HEATER INTERNAL WIRING



AIR CONDITIONING CONTROL SWITCHPLATE



THERMOSTAT MOUNTING DETAIL



SCHEMATIC REFRIGERANT PIPING DIAGRAM

NOT TO SCALE

AIR HANDLING UNIT SCHEDULE								
A.H.U. NO.	BLOWER SECTION				D.X. COOLING COIL		MINIMUM FILTER AREA	CONDENSATE DRAIN SIZE
	MIN. CFM	MAX. O.V.	TOTAL S.P.	MIN. H.P.	MIN. F.A.	ROWS		
ZONE #1	4000 CFM	1500 FPM	1.25"	1 1/2 H.P.	8.0 FT ²	6	1280 IN ²	1/4"
ZONE #2	4000 CFM	1500 FPM	1.25"	1 1/2 H.P.	8.0 FT ²	6	1280 IN ²	1/4"

AIR COOLED CONDENSING UNIT SCHEDULE								
ZONE NUMBER	TOTAL ZONE COOLING	UNIT MARK NO.	MINIMUM UNIT CAPACITY	DESIGN CONDITIONS		REFRIG. LINE SIZES		
				AMBIENT	SUCTION	LIQUID	SUCTION	
ZONE #1	116,000 BTU/HR	NO. 1A	58,000 BTU/HR	95°F	42.5°F	1/2"	1 1/8"	
		NO. 1B	58,000 BTU/HR	95°F	42.5°F	1/2"	1 1/8"	
ZONE #2	116,000 BTU/HR	NO. 2A	58,000 BTU/HR	95°F	42.5°F	1/2"	1 1/8"	
		NO. 2B	58,000 BTU/HR	95°F	42.5°F	1/2"	1 1/8"	

ELECTRIC DUCT HEATER SCHEDULE								
ZONE NUMBER	TOTAL KW	DUCT DIMENSIONS		VOLTS	PHASE	STAGES	CONTROL VOLTAGE	AIRFLOW
		WIDTH	DEPTH					
ZONE #1	30.0 KW	42"	18"	240 V	3 φ	THREE @ 10 KW	240 V	VERTICAL
ZONE #2	30.0 KW	42"	18"	240 V	3 φ	THREE @ 10 KW	240 V	VERTICAL

ROOF EXHAUST FAN SCHEDULE								
EXH. FAN NUMBER	MIN. CFM @ HI-SPEED	EXTERNAL STATIC	MAXIMUM TIP SPEED	MINIMUM MOTOR HP	MOTOR T.D.M.	MOTOR VOLTAGE	MAXIMUM TORQUE	
#1	680 CFM	1/2"	2750 FPM	1/6 H.P.	1750/1150	115-160	2.0	

NOTE: EXHAUST FAN #1 TO BE TWO SPEED. SCHEDULED CONDITIONS ARE FOR HI-SPEED.

AN OFFICE BUILDING FOR THE
BROWNSVILLE NAVIGATION DISTRICT

WILHITE AND WINANS
ARCHITECTS
ENGINEERS
PLANNERS
1301 LOS EBANOS BOULEVARD
BROWNSVILLE TEXAS

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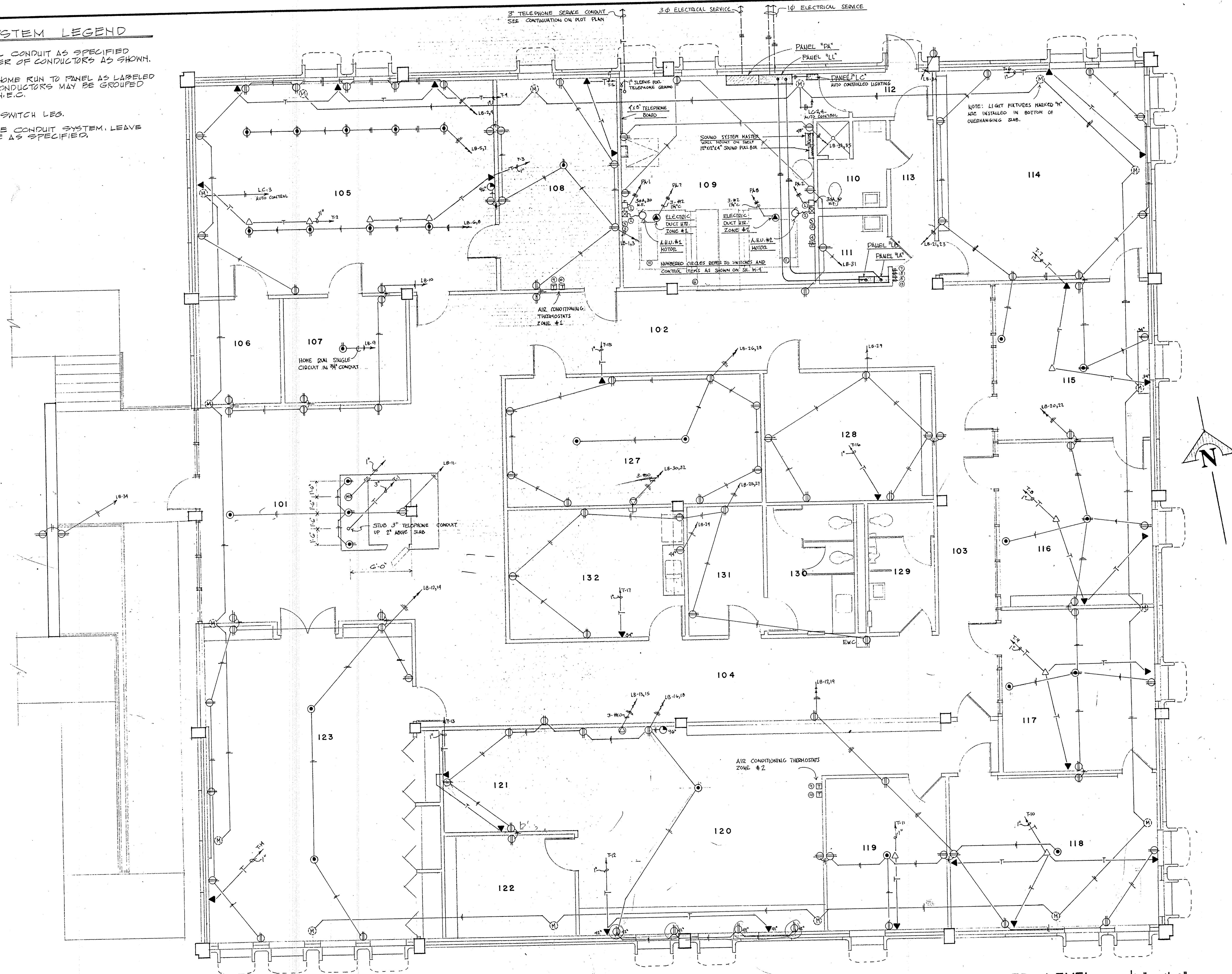
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OF 7

DATE 26 APR 71

CONDUIT SYSTEM LEGEND

- ELECTRICAL CONDUIT AS SPECIFIED WITH NUMBER OF CONDUCTORS AS SHOWN.
- DENOTES HOME RUN TO PANEL AS LABELED NEUTRAL CONDUCTORS MAY BE GROUPED AS PER N.E.C.
- DENOTES SWITCH LEG.
- TELEPHONE CONDUIT SYSTEM, LEAVE PULL WIRE AS SPECIFIED.



ELECTRICAL PLAN — LOWER LEVEL 1/4" = 1'-0"

AN OFFICE BUILDING FOR THE
BROWNSVILLE NAVIGATION DISTRICT

WILHITE AND WINANS
ARCHITECTS
ENGINEERS
PLANNERS
1301 LOS EBANOS BOULEVARD
BROWNSVILLE, TEXAS

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OF 7

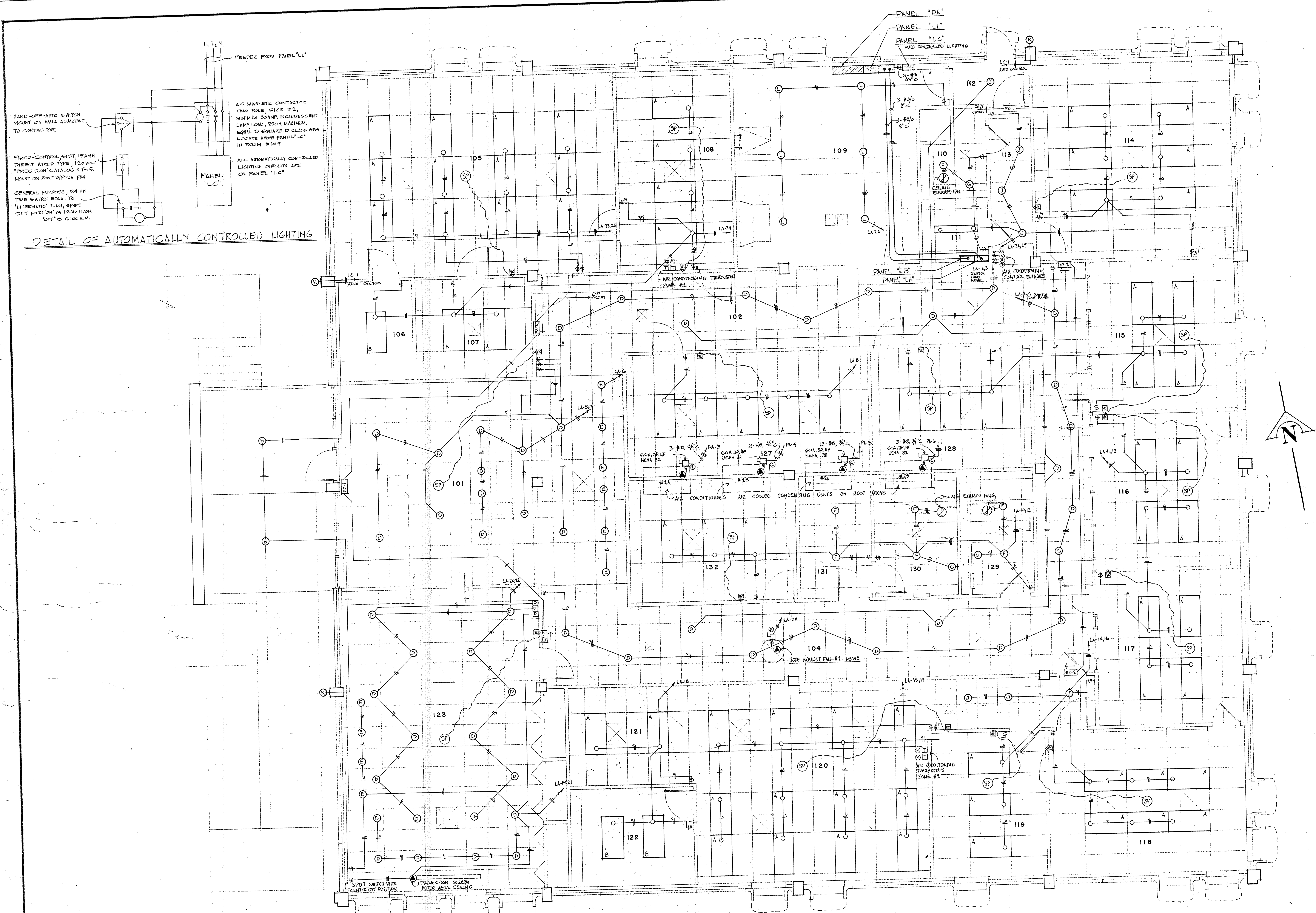
DATE 26 APR 72

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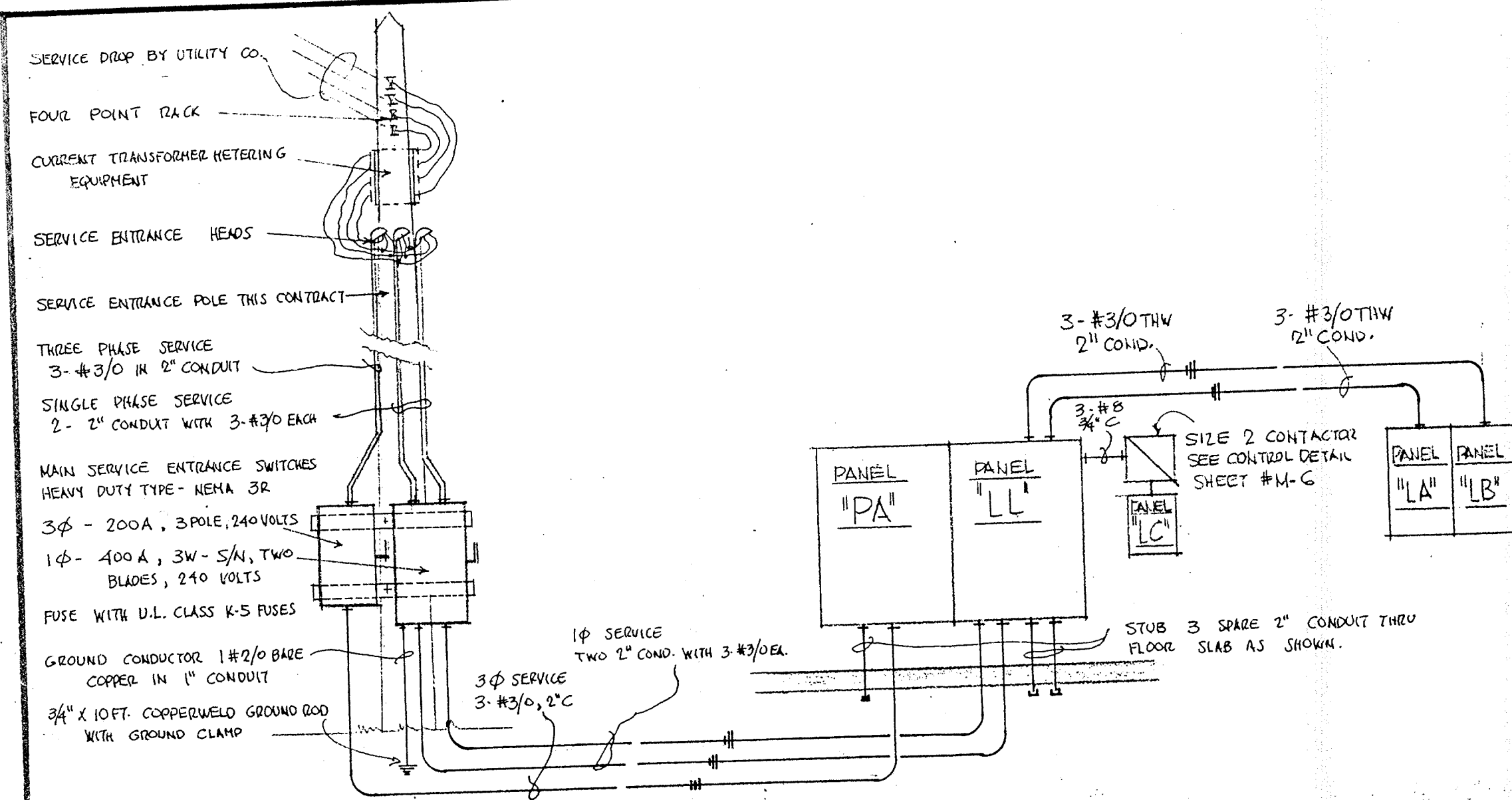
William J. G. G. G.

WILHITE AND WINANS
ARCHITECTS
1301 LOS EBANOS BOULEVARD
BROWNSVILLE, TEXAS

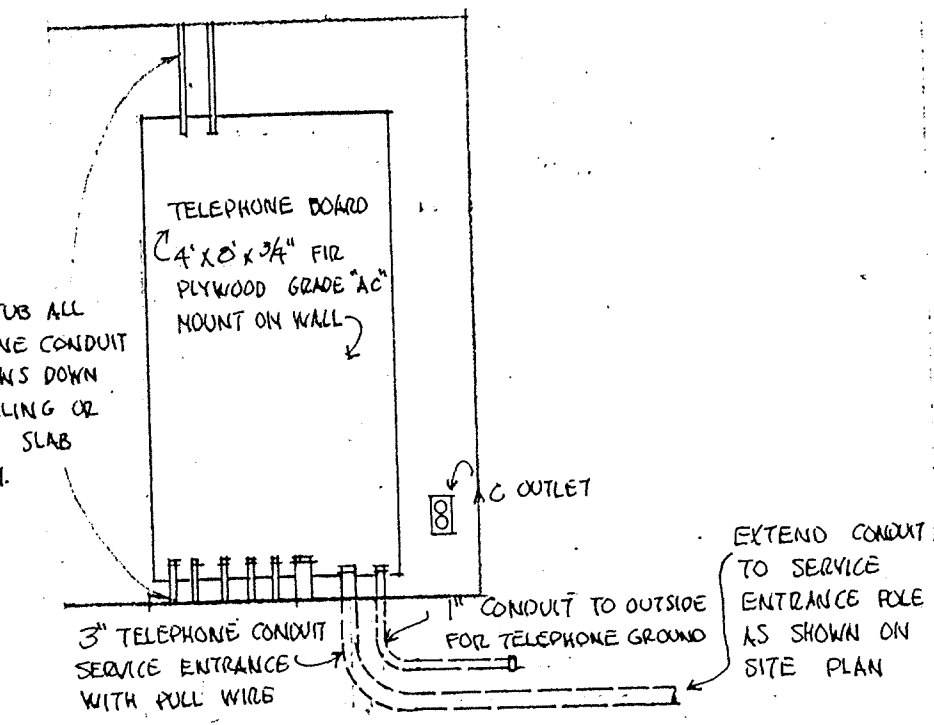
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SHEET	M6
OF	7
DATE	26 APR 72



ELECTRICAL PLAN - UPPER LEVEL 1/4" = 1'-0"



ELECTRICAL RISER DIAGRAM NOT TO SCALE



ELEVATION OF TELEPHONE ENTRANCE NOT TO SCALE

ELECTRICAL LEGEND

- \$ SINGLE POLE WALL SWITCH, 15AMP, 120 VOLT, "P4S" #15AC1-I, WITH "SIERRA" #S-1 STAINLESS PLATE, (GANG SAME SERIES), MOUNTING HEIGHT 54" TO 6".
- \$3 THREE WAY WALL SWITCH, 15 AMP, 120 VOLT, "P4S" #15AC3-I, WITH "SIERRA" #S-1 STAINLESS PLATE, (GANG SAME SERIES), MOUNTING HEIGHT 54" TO 6".
- ⊕ DUPLEX GROUNDING TYPE RECEPTACLE, 15AMP, 120 VOLT, "P4S" #5242-I, WITH "SIERRA" #S-8 STAINLESS PLATE, MOUNTING HEIGHT 16" TO BOTTOM, OR AS NOTED ON PLAN.
- ⊕ WP. WEATHERPROOF DUPLEX GROUNDING TYPE RECEPTACLE, 15AMP, 120 VOLT, "P4S" #5242-I, WITH "P4S" #4500 COVER, MOUNTING HEIGHT 16" TO BOTTOM.
- ⊕ SINGLE GROUNDING TYPE RECEPTACLE, 30AMP, 125/250 VOLT, "P4S" #5744, WITH "SIERRA" STAINLESS PLATE, MOUNTING HEIGHT 16" TO BOTTOM.
- ⊕ FLOOR BOX WITH DUPLEX GROUNDING TYPE RECEPTACLE, "HUBBELL" #FBCS-3R WITH #3074 DUPLEX COVER PLATE AND "P4S" #5242-I GROUNDING TYPE RECEPTACLE, FURNISH WITH TRANSPARENT TYPE CARPET FLANGES.
- ⊕ FLOOR BOX WITH FLOOR RECEPTACLE OUTLET AND ONE OR TWO 15A, 120 VOLT GROUNDING TYPE OUTLETS, "HUBBELL" #FBCS-3R BOX WITH #3091L2 & #3092L2 RECEPTACLE OUTLETS WITH ONE OR TWO "P4S" #5242-I, FURNISH WITH TRANSPARENT CARPET FLANGES.
- ⊕ CLOCK OUTLET, 15AMP, 120 VOLT, "P4S" #1544, MOUNTING HEIGHT AS NOTED ON PLAN. CLOCKS NOT IN THIS CONTRACT.
- ⊕ CONNECTION TO SPECIAL EQUIPMENT AS SHOWN AND NOTED ON THE DRAWINGS.
- ▲ WALL TELEPHONE OUTLET BOX WITH "SIERRA" #S-12 STAINLESS PLATE, MOUNTING HEIGHT 16" TO BOTTOM, OR AS NOTED ON PLAN.
- Δ FLOOR TELEPHONE OUTLET BOX WITH TELEPHONE RECEPTACLE OUTLET, "HUBBELL" #FBCS-3R FLOOR BOX WITH #3090 RECEPTACLE, FURNISH WITH CARPET FLANGE.
- ⊕ FRACTIONAL H.P. MANUAL MOTOR STARTER EQUAL "TO SQUARE-D" CLASS 2510, SURFACE OR FLUSH MOUNTED AS REQUIRED, MOUNTING HEIGHT 54" TO 6".
- ⊕ DIMMER, "LUTRON" CATALOG NO. N-2000, 2000 WATT DIMMER, FULL RATED MOUNTING, MOUNTING HEIGHT 54" TO 6".
- MOTOR CONNECTION AS SHOWN AND NOTED ON PLANS.
- ⊗ MOTOR STARTER AS SPECIFIED.
- SAFETY SWITCH AS SPECIFIED AND SHOWN ON DRAWINGS.
- ▬ SINGLE PHASE PANELBOARD AS SCHEDULED AND SPECIFIED.
- ▬ THREE PHASE PANELBOARD AS SCHEDULED AND SPECIFIED.

LIGHTING FIXTURE SCHEDULE

- A 2 FT. x 4 FT. FOUR LAMP LAY-IN TROFFER FOR INVERTED T-BAR CEILING, WITH HINGED DOOR AND FRAME, PRISMATIC POLYSTYRENE DIFFUSER, FOUR F40T12/CW LAMPS, CLASS "P" BALLAST, HPF-ETL, SOUND GROUP "A", LAY-IN MOUNTING, SHALL BE EQUAL TO "LITHONIA" CATALOG NO. 26440 P12.
- B 2 FT. x 4 FT. FOUR LAMP SURFACE MOUNTED FIXTURE WITH HINGED DOOR AND FRAME, PRISMATIC POLYSTYRENE DIFFUSER, FOUR F40T12/CW LAMPS, CLASS "P" BALLAST, HPF-ETL, SOUND GROUP "A", SURFACE MOUNT ON CEILING, SHALL BE EQUAL TO "LITHONIA" CATALOG NO. 2M440 M P12.
- C 4 FT. TWO LAMP STRIP FIXTURE WITH TWO F40T12/CW LAMPS, CLASS "P" BALLAST, HPF-ETL, SOUND GROUP "A", SURFACE MOUNT ON CEILING, SHALL BE EQUAL TO "LITHONIA" CATALOG NO. C-240.
- ⊙ REFLECTOR DOWNLIGHT WITH ALZAK REFLECTOR AND NOMINAL 6" DIAM. BLACK PHENOLIC CONE, ADJUSTABLE DIE CAST ALUMINUM SOCKET HOUSING, DIE CAST TRIM, "LIGHTOLIER" #7704, LAMP ONE 200W A-23, RECESS MOUNT IN TILE CEILING.
- ⊙ ROUND MULTI-GROOVE WALL WASHER NOMINAL 6" DIAMETER, ALZAK REFLECTOR AND DIE CAST TRIM, "LIGHTOLIER" #7774, LAMP ONE 150W R-40FL, RECESS MOUNT IN TILE CEILING.
- ⊙ WHITE OPAL DIFFUSER, NOMINAL 12" DIAMETER, "LIGHTOLIER" #4365, LAMPS - TWO 75WATT INCAND. SURFACE MOUNT ON CEILING.
- HG WALL BRACKET WITH NOMINAL 12" x 5" WHITE OPAL DIFFUSER AND GROUNDED CONVENIENCE OUTLET, "LIGHTOLIER" #6349, LAMPS - TWO 60 WATT INCAND. MOUNTING HT. 6" 0" ABOVE FLOOR.
- H VANDAL PROOF CEILING FIXTURE, NOMINAL 14" ROUND, "PERFECTLITE" CATALOG NO. CPS-20-TPWP; LAMP TWO 100WATT A-19, SURFACE MOUNT ON CEILING.
- ⊙ REGRESSED LENS-LITE NOMINAL 6" DIAMETER, FRESNEL LENS, MATTE WHITE TRIM, "LIGHTOLIER" #1101/1126 WITH PRE-WIRED FRAME-IN KIT, LAMP ONE 100WATT A-19.
- HK VANDAL PROOF WALL BRACKET, "PERFECTLITE" CATALOG NO. BD-10TPWP, WALL MOUNT ON COLUMNS AT 7'4" ABOVE FLOOR, LAMP ONE 100W A-19.
- ⊙ SHALLOW DOME REFLECTOR, 14" DIAMETER, "STEBER/SHALDA" #12P-114, PENDANT MOUNT AT 9'0" ABOVE FLOOR, LAMP ONE 150 WATT A-21.
- ⊙ CEILING TYPE VAPOR PROOF CAST ALUMINUM UTILITY UNIT WITH GUARD, "PERFECTLITE" CATALOG # C-4, LAMP ONE 100WATT A-19, MOUNT ON UNDERSIDE OF OVERHANG OF FIRST FLOOR SLAB.
- ⊙ TWO LAMP PAR LAMPHOLDER, "STEBER/SHALDA" CATALOG #S-5001, SEE DETAIL SHEET #M-1 FOR MOUNTING, LAMPS TWO PAR-38 FLOOD.

PANEL MARK	DESCRIPTION AND MOUNTING	MAINS	NUMBER POLES	BRANCH BREAKERS	DESCRIPTION OF BRANCH SERVICE
"LL"	1φ - 3W - S/N 240 VOLT A.C. SURFACE MOUNTED EQUAL TO "SQ-D" I-LINE TYPE	400AMP MAIN BREAKER		1- 20/2 1- 30/2 2- 200/2	EXIT LIGHTS PANEL "LC" PANELS "LA" & "LB"
"LA"	1φ - 3W - S/N 120/240 VOLT A.C. SURFACE MOUNTED EQUAL TO "SQ-D" TYPE NQO	225AMP MAIN LUGS	42	29- 20/1 3- 20/1	ACTIVE SPARE SPACES
"LB"	1φ - 3W - S/N 120/240 VOLT A.C. SURFACE MOUNTED EQUAL TO "SQ-D" TYPE NQO	225AMP MAIN LUGS	42	31- 20/1 2- 30/2 7	ACTIVE ACTIVE SPACES
"LC"	1φ - 3W - S/N 120/240 VOLT A.C. SURFACE MOUNTED EQUAL TO "SQ-D" TYPE "QO" LOAD CENTER	70 AMP MAIN LUGS	8	6- 20/1	ACTIVE SPACES

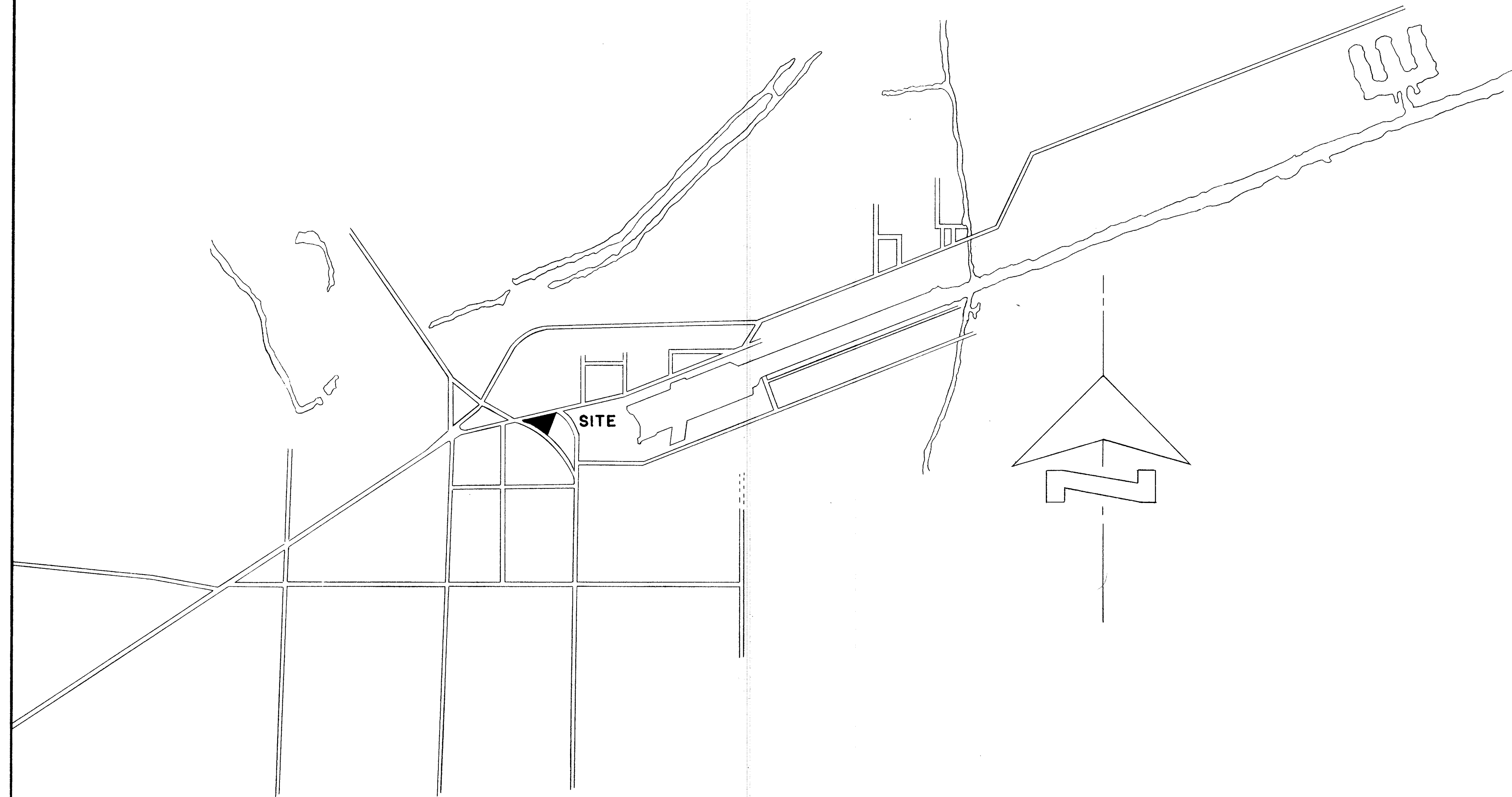
PANEL MARK	DESCRIPTION AND MOUNTING	BRANCH CIRCUIT NO.	BRANCH SWITCH	BRANCH FUSE	DESCRIPTION OF BRANCH SERVICE
"PA"	3φ - 3W 240 VOLT A.C. SURFACE MOUNTED 200AMP MAIN SWITCH EQUAL TO "SQ-D" TYPE QMB	PA-1 20/3 PA-2 20/3 PA-3 60/3 PA-4 60/3 PA-5 60/3 PA-6 60/3 PA-7 100/3 PA-8 100/3	20/3 20/3 60/3 60/3 60/3 60/3 100/3 100/3	7.5 AMP 7.5 AMP 40 AMP 40 AMP 40 AMP 40 AMP 90 AMP 90 AMP	AIR HANDLING UNIT #1 do #2 AIR COOLED COND. UNIT #1A do #1B do #2A do #2B ELECTRIC DUCT HEATER #1 do #2

EXIT LIGHT SCHEDULE

- EX1 "LITHONIA" SERIES "ES" UNIVERSAL MOUNTING, BACK MOUNTED, SINGLE FACE, RED LETTERS, NO ARROWS, STANDARD 120 VOLT UNIT, CATALOG NO. ES1R
- EX2 "LITHONIA" SERIES "ES" UNIVERSAL MOUNTING, BACK MOUNTED, SINGLE FACE, RED LETTERS, ARROW IN FACE, 120 VOLT UNIT, CATALOG NO. ES1R

SOUND SYSTEM LEGEND & SCHEDULE

- LEGEND EQUIPMENT DESCRIPTION ELECTRICAL ROUGH-IN
- MASTER MUSIC AND PAGING MASTER AS SPECIFIED, WALL MOUNT IN ROOM #109 PROVIDE 1" x 1/2" x 1/4" SCREEN COVER FULL BOX IN ROOM #109, WALL MOUNT AT 54" TO BOTTOM, STUB ALL SOUND RISES UP ABOVE CEILING FROM THIS FLOOR BOX
 - CEILING SPEAKER WITH MOUNTING RING MOUNTED ABOVE LAY-IN CEILING NO CONDUIT ROUGH-IN REQUIRED
 - VOLUME CONTROL AS SPECIFIED PROVIDE WALL OUTLET BOX IN WALL AT 54" & MOUNTING HEIGHT, STUB 1/2" CONDUIT ABOVE CEILING OR EXTEND TO ACCESSIBLE CEILING.
 - FLOOR MICROPHONE OUTLET "LOWELL" MODEL "MCO" FLOOR MICROPHONE RECEPTACLE UNIT PROVIDE FLOOR BOX WITH CONDUIT HOME RUN TO SOUND FULL BOX
- NOTE: ALL ROUGH-IN AND CONDUIT SYSTEM SHALL BE FURNISHED UNDER SECTION 16A OF SPECIFICATIONS. SOUND EQUIPMENT AND INSTALLATION SHALL BE UNDER SECTION 16B OF SPECIFICATIONS



1982 ADDITIONS AND ALTERATIONS TO THE OFFICE BUILDING COMPLEX
OF THE
BROWNSVILLE NAVIGATION DISTRICT

BOARD OF COMMISSIONERS

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E.G. LANTZ
DIRECTOR OF ENGINEERING & PLANNING

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GENERAL

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- G2 SITE PLAN & DETAILS

STRUCTURAL

- S1 FOUNDATION PLAN
- S2 FLOOR SLAB PLAN
- S3 STRUCTURAL DETAILS
- S4 ROOF FRAMING PLAN
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ARCHITECTURAL

- A1 FLOOR PLAN EXISTING BUILDING A
- A2 FLOOR PLAN BUILDING B
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- A4 ELEVATIONS EXISTING BUILDING A
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- A6 CROSS SECTIONS & INTERIOR ELEVATIONS
- A7 WALL DETAILS
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MECHANICAL

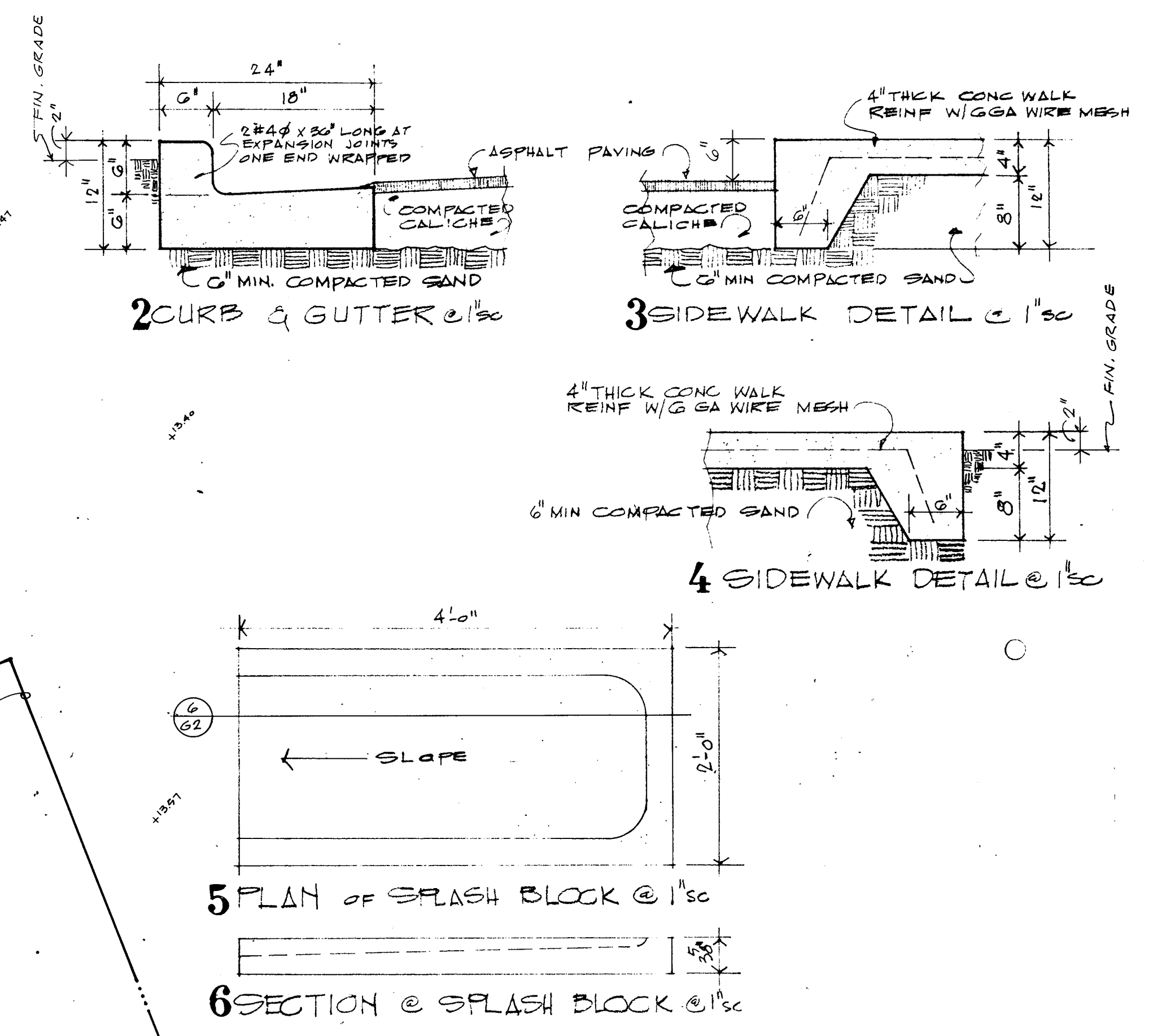
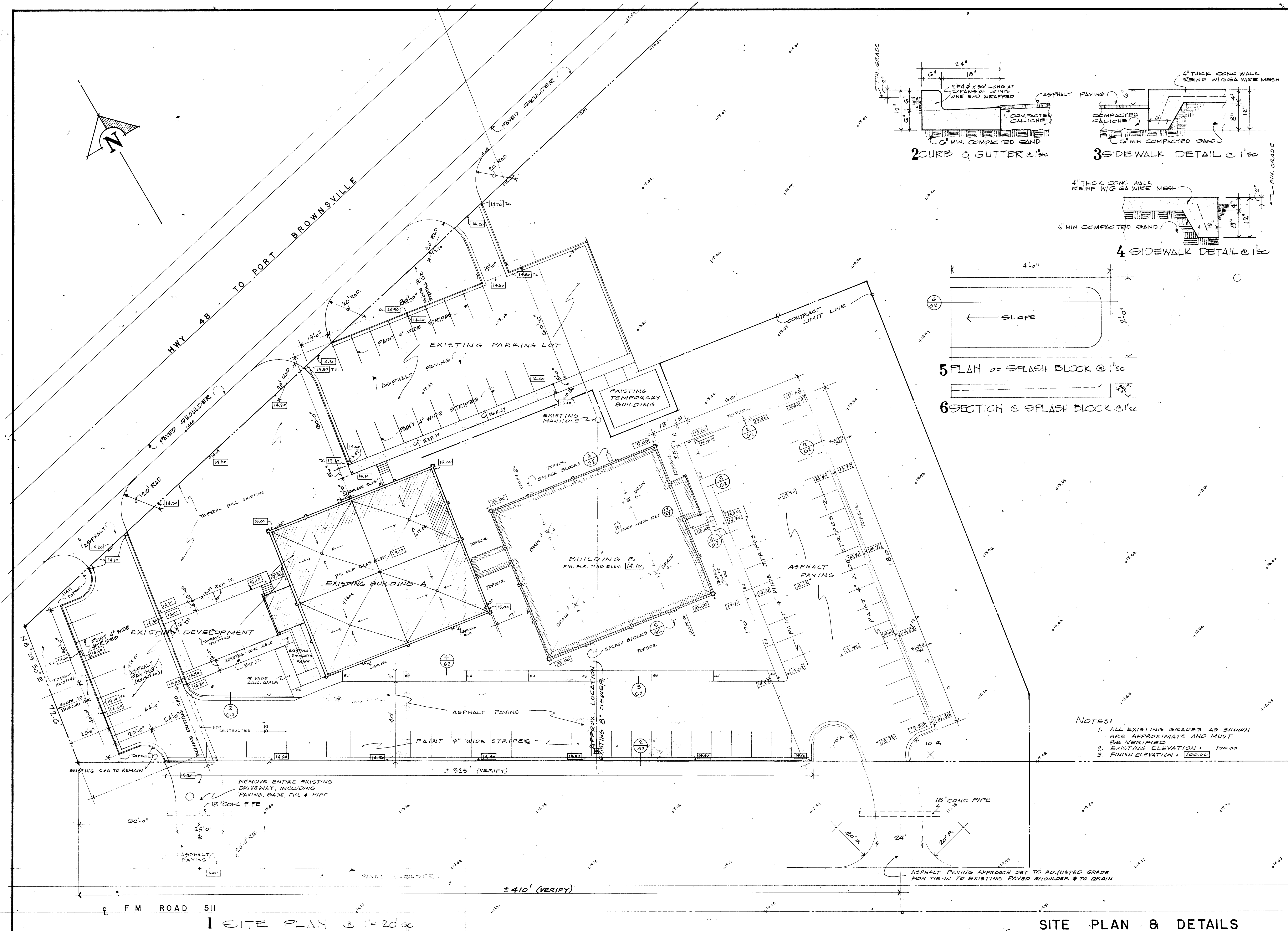
- M1 UTILITY SITE PLAN
- M2 PLUMBING PLAN
- M3 AIR CONDITIONING PLAN
- M4 MECHANICAL DETAILS & SCHEDULES
- M5 ELECTRICAL PLAN
- M6 LIGHTING PLAN
- M7 ELECTRICAL DETAILS & SCHEDULES



GAYLE D. WILHITE
ARCHITECT
PLANNER

1301 LOS EBANOS BOULEVARD, UNIT A
BROWNSVILLE, TEXAS 77820

DRAWN BY: JEB	SHEET G1	SET NO.
REVISIONS:	OF 2	
COMM. NO. G 8102	DATE 5-3-82	



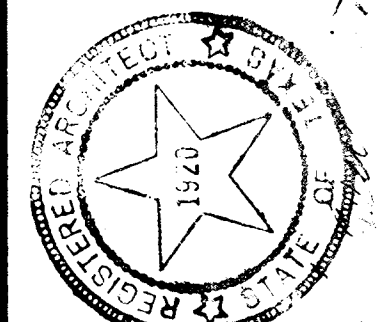
- NOTES:
1. ALL EXISTING GRADES AS SHOWN ARE APPROXIMATE AND MUST BE VERIFIED
 2. EXISTING ELEVATION: 100.00
 3. FINISH ELEVATION: 100.00

F M ROAD 511

1 SITE PLAN @ 1" = 20' SC

SITE PLAN & DETAILS

1982 ADDITIONS AND ALTERATIONS TO THE
OFFICE BUILDING COMPLEX
 OF THE BROWNSVILLE NAVIGATION DISTRICT
 BROWNSVILLE, TEXAS



GAYLE D. WILHITE
 ARCHITECT
 PLANNER
 1301 LOS EBANOS BOULEVARD, UNIT A
 BROWNSVILLE, TEXAS 77820

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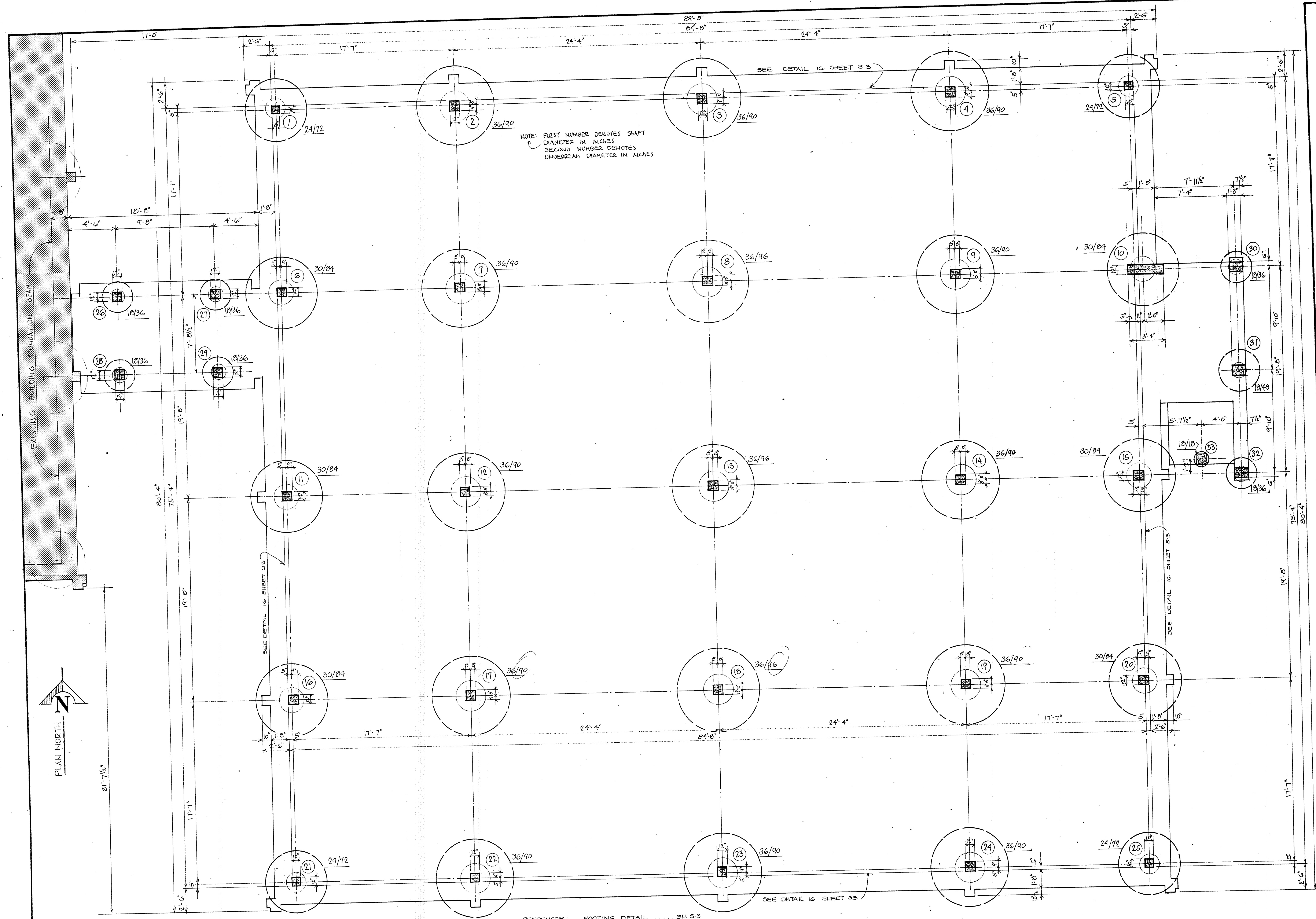
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COMM. NO. 8 8102

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OF 2

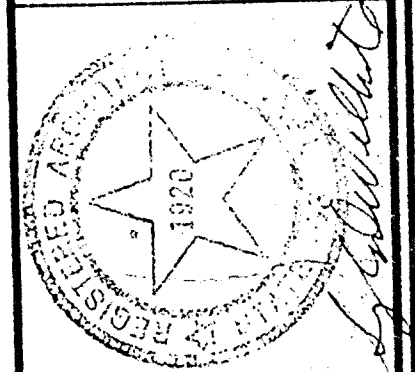
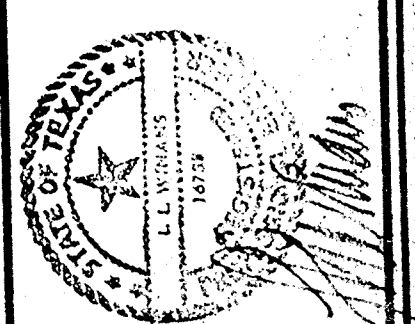
DATE 5-3-82



REFERENCES: FOOTING DETAIL..... SH. S-3
 STUB COLUMN SCHEDULE..... SH. S-5
 GENERAL NOTES..... SH. S-5

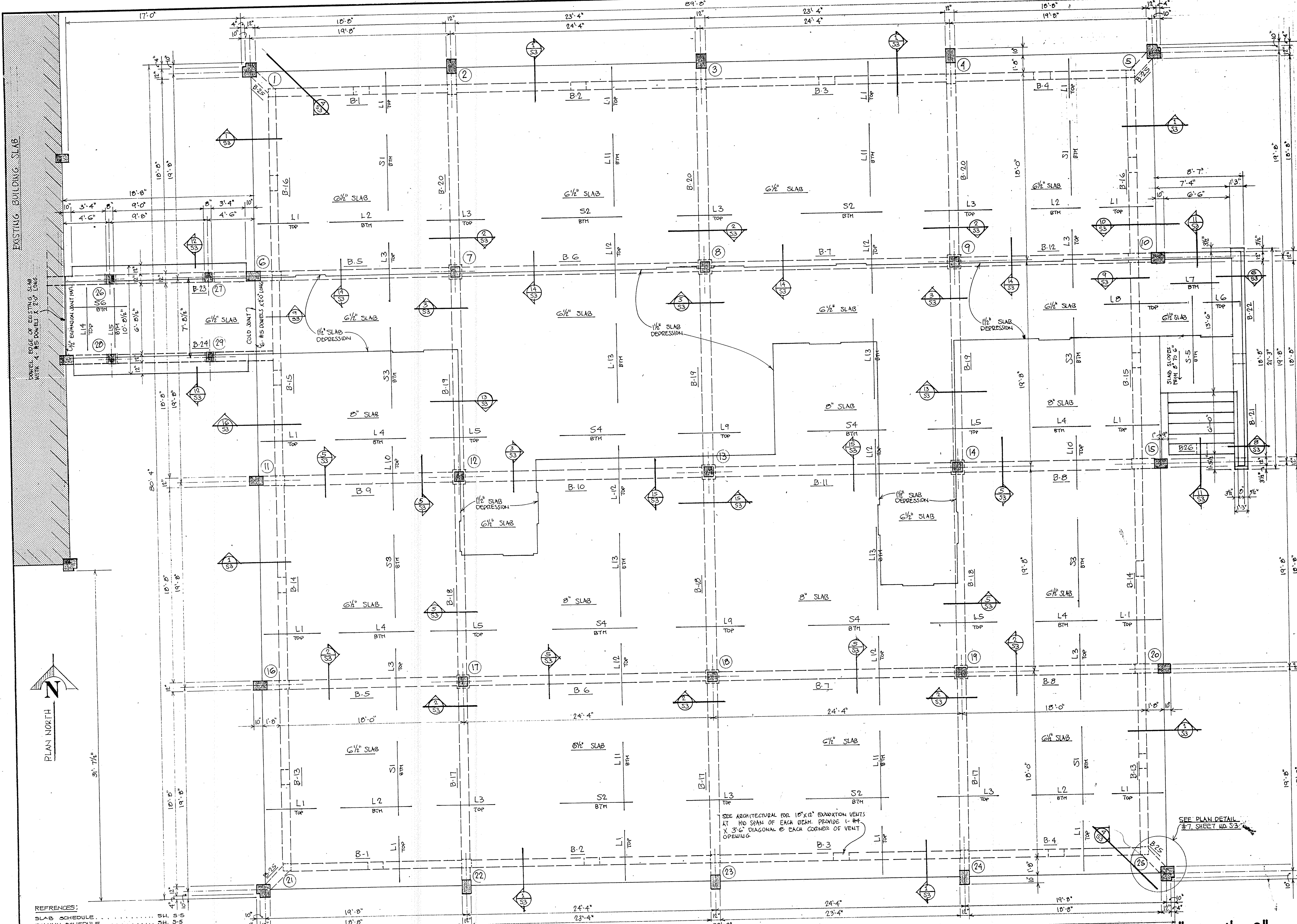
FOUNDATION PLAN 1/4" = 1'-0"

1982 ADDITIONS AND ALTERATIONS TO THE
OFFICE BUILDING COMPLEX
 OF THE BROWNSVILLE NAVIGATION DISTRICT
 BROWNSVILLE, TEXAS



GAYLE D. WILHITE
 ARCHITECT
 PLANNER
 1301 LOS EBANOS BOULEVARD, UNIT A
 BROWNSVILLE, TEXAS 77820

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SHEET	S1
OF	5
DATE	5-3-82



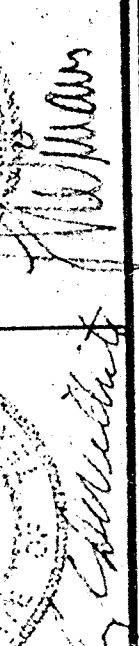
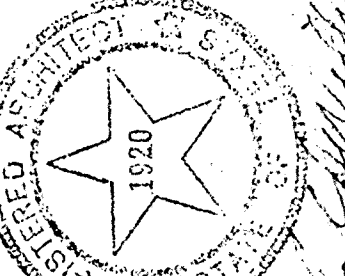
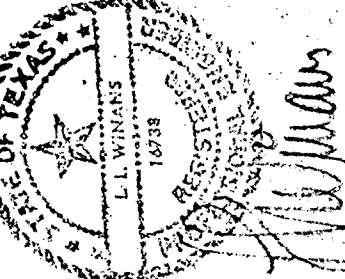
REFERENCES:
SLAB SCHEDULE SH. 5-5
COLUMN SCHEDULE SH. 5-5
BEAM DETAILS AND SCHEDULES SH. 5-5
GENERAL NOTES SH. 5-5

SEE ARCHITECTURAL FOR 10"x10" EXHAUST VENTS
AT 40' SPAN OF EACH BEAM. PROVIDE 1-#4
X 3/4" DIAGONAL @ EACH CORNER OF VENT
OPENING.

SEE PLAN DETAIL
#7, SHEET NO. S3.

FLOOR SLAB PLAN 1/4" = 1' = 0"

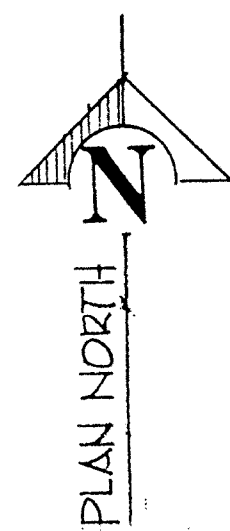
1982 ADDITIONS AND ALTERATIONS TO THE
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BROWNSVILLE, TEXAS



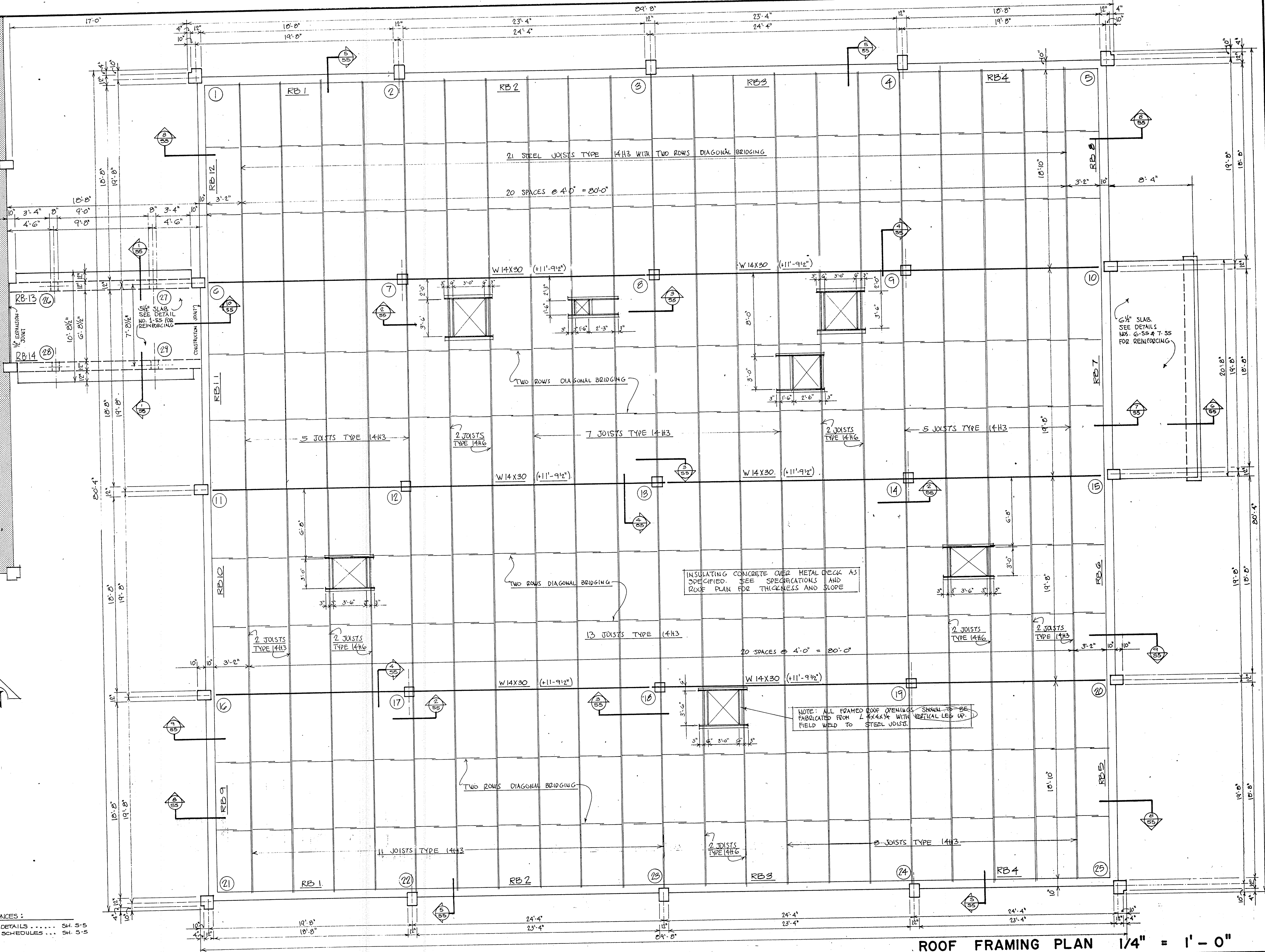
GAYLE D. WILHITE
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PLANNER
1301 LOS EMBROS BOULEVARD - UNIT A
BROWNSVILLE, TEXAS 77820

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OF 5
DATE 5.3.82

EXISTING BUILDING

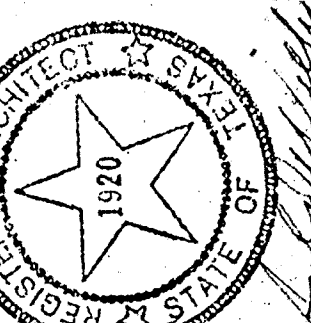
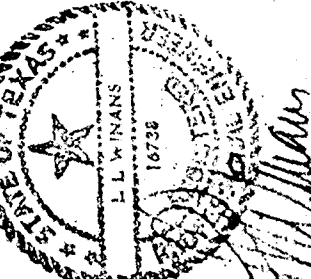


REFERENCES:
 BEAM DETAILS SH. S-5
 BEAM SCHEDULES SH. S-5



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

1982 ADDITIONS AND ALTERATIONS TO THE
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 BROWNSVILLE, TEXAS



GAYLE D. WILHITE
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 1301 LOS ERAMOS BOULEVARD, UNIT A
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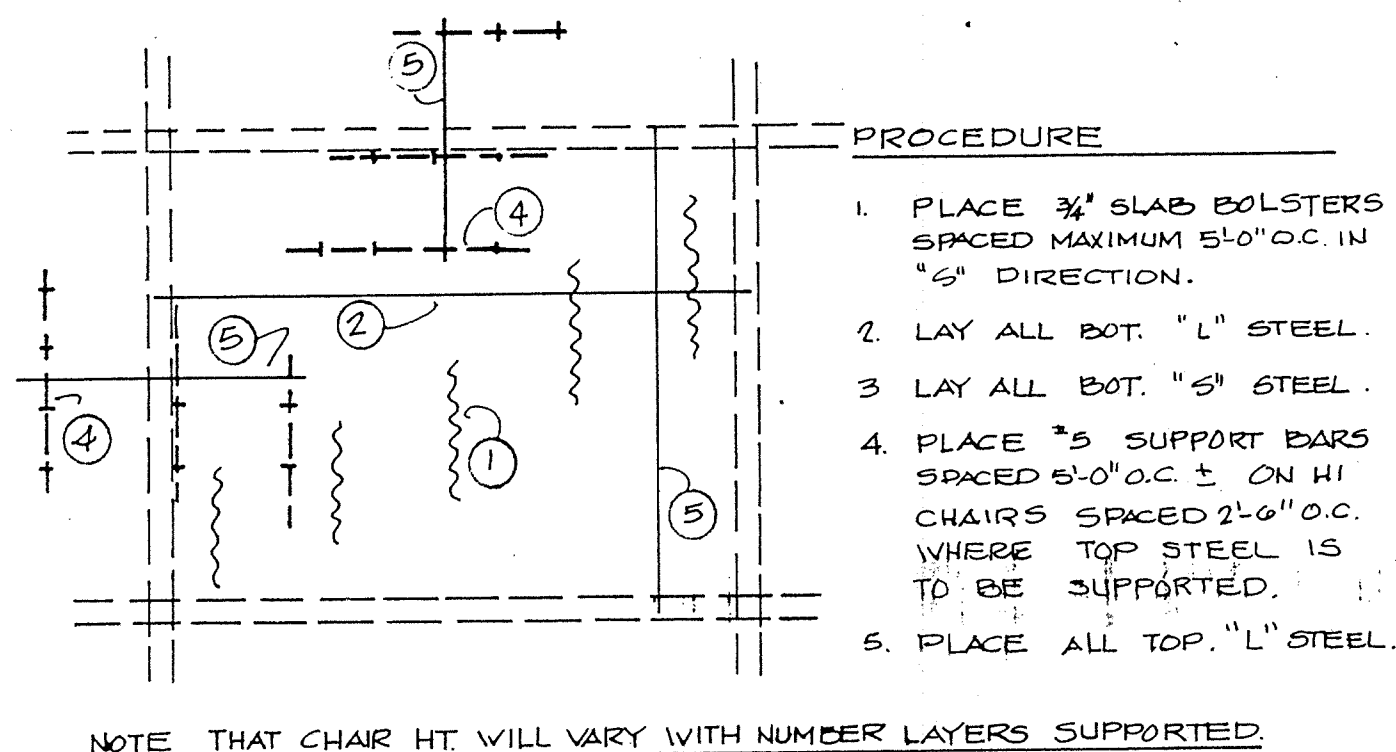
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OF	5
DATE	5-3-82

GENERAL NOTES

- FABRICATE AND PLACE ALL CONCRETE REINFORCING IN ACCORDANCE WITH A.C.I. 318. USE STANDARD ACCESSORIES AND RECOMMENDED SIZE HOOKS TOP BARS IN SLAB CONSTRUCTION UNLESS OTHERWISE NOTED SHALL BE SUPPORTED ON #5 SUPPORT BARS SPACED MAXIMUM 5'-0" O.C. ON CHAIRS SPACED MAXIMUM 2'-6" O.C. #4 SPACER BARS MAXIMUM 12" O.C. SHALL BE USED WHERE STEEL OCCURS IN ONLY ONE DIRECTION. 3/4" SLAB BOLSTERS SHALL BE SPACED MAXIMUM 5'-0" O.C. LAP ALL SPLICES 30" DIAMETER OR 1'-0". USE 2" X 6" X 6" DIAGONAL AT EACH CORNER OF EACH OPENING GREATER THAN 6" X 6" IN AREA IN SLABS OR BEAMS. ACCESSORIES IN EXPOSED CONCRETE MEMBERS SHALL HAVE PLASTIC FEET. USE CORNER BARS SAME SIZE AS SCHEDULED BAR AT ALL CORNERS & TEES. LAP INTERCEPTED BAR 30" DIAMETERS MINIMUM OR 2'-0" WHICHEVER IS GREATER.
- CONSTRUCTION JOINTS OF APPROVED DOVELS. LOCATION AND KEYWAYS SHALL BE PLANNED IN COOPERATION WITH THE ARCHITECT AND/OR ENGINEER.
- LOWER SOFFIT SHALL CARRY THRU AT CONCRETE BEAM INTERSECTIONS.
- SCHEDULED BEAM SIZE IS FOR STIRRUP SIZING. SEE SECTIONS FOR PROFILES.
- THE TERM "EE" IN THE STIRRUP SPACING COLUMN OF THE BEAM SCHEDULE SHALL BE INTERPRETED TO MEAN "EACH FACE OF EACH SUPPORT" WHERE MORE THAN ONE SPAN IS INVOLVED.
- ALL PIPING, SLEEVES, CONDUIT, ETC. TO BE PLACED IN STRUCTURAL CONCRETE SHALL BE PLANNED IN COOPERATION WITH THE ARCHITECT AND/OR ENGINEER.
- GENERAL CONTRACTOR SHALL PROVIDE OPENINGS, EQUIPMENT PASSES, ETC. AS MAY BE REQUIRED TO INSTALL MECHANICAL AND ELECTRICAL EQUIPMENT SEE PERTINENT DRAWINGS.
- WHERE NOT OTHERWISE SPECIFIED COLUMNS SHALL HAVE DOVELS SAME NUMBER AND SIZE AS SCHEDULED IN VERTICAL BARS.
- CAST ALL FOOTINGS IN ONE OPERATION.
- PROVIDE STIRRUPS SUPPORT BARS AS NECESSARY
- DESIGN, FABRICATE, AND ERECT ALL STEEL JOISTS IN ACCORDANCE WITH SPECS. OF THE STEEL JOIST INSTITUTE.
- REINFORCING STEEL FOR THE VARIOUS CLASSES OF WORK SHALL BE AS FOLLOWS.

MEMBER	A.S.T.M. G15
STIRRUPS, TIES AND MINOR STRUCTURAL ELEMENTS	GRADE 40
FOOTINGS, GRADE BEAMS, SUSPENDED SLABS AND BEAMS, STUBS COLUMNS AND MAJOR STRUCTURAL ELEMENTS.	GRADE 60
SIDEWALKS AND SITEWORK	GRADE 40.

- CHAMFER ALL EXPOSED EDGES OF CONCRETE MEMBERS
 - GENERALLY SPLICE CONTINUOUS TOP BARS AT MID-SPAN AND BOTTOM BARS AT THE SUPPORT.
 - SEE ARCHITECTURAL DRAWINGS FOR ANCHORAGE DEVICES EMBEDDED IN CONCRETE
 - CONCRETE FOR THE VARIOUS CLASSES OF WORK SHALL BE THUS:
- | MEMBER | TYPE CONC. | COMP. STR. PSI (28 DAYS) | COVER (CLEAR) |
|------------------------|---------------|--------------------------|---------------|
| FOOTINGS | SAND & GRAVEL | 2500 | 2" |
| FLOOR AND ROOF BEAMS | DO | 3000 | 1 1/2" |
| FLOOR AND ROOF SLABS | DO | 3000 | 3/4" |
| STUB COLUMNS & COLUMNS | DO | 3000 | 1 1/2" |
| STAIRS AND LANDINGS | DO | 3000 | 3/4" |
- PROVIDE FOUR #5 CORNER BARS AT ALL EXTERIOR BEAM CORNERS. CORNER BARS TO BE #5 X 1'-0", BENT 2'-0" X 2'-0". PLACE TWO TOP AND TWO BOTTOM.



FLOOR SLAB REINF. PLACEMENT DIAGRAM

1/8" = 1'-0"

FLOOR SLAB REINFORCING

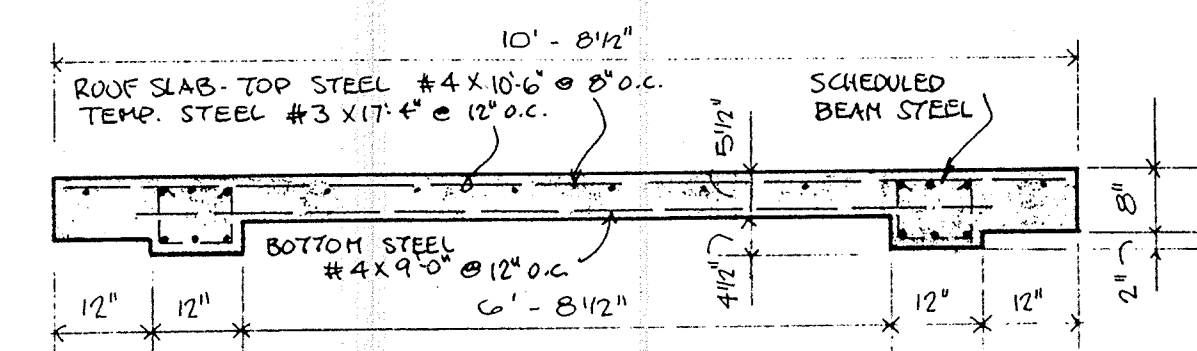
SLAB MARK	NO. BARS	BAR SIZE	BAR LENGTH	BAR LOCATION	REMARKS
S1	25	#4	18-6	BOT.	
S2	20	#4	25-0	BOT.	
S3	20	#4	20-0	BOT.	
S4	23	#4	25-0	BOT.	
S5	12	#4	13-0	BOT.	
S6	12	#4	18-4	BOT.	
L-1		#4	7-0	TOP	@ 10" O.C.
L-2	20	#4	18-6	BOT.	
L-3	25	#4	12-0	TOP	
L-4	22	#4	18-6	BOT.	
L-5	20	#4	12-0	TOP	
L-6		#4	4-0	TOP	@ 12" O.C.
L-7		#4	10-0	BOT.	@ 8" O.C.
L-8		#5	10-0	TOP	@ 8" O.C.
L-9	24	#4	12-0	TOP	
L-10	20	#4	10-0	TOP	
L-11	35	#4	18-6	BTM.	
L-12	47	#4	10-0	TOP	
L-13	35	#4	20-0	BOT.	
L-14	36	#5	10-4	TOP	
L-15	20	#4	8-0	BTM.	

CONCRETE COLUMN SCHEDULE

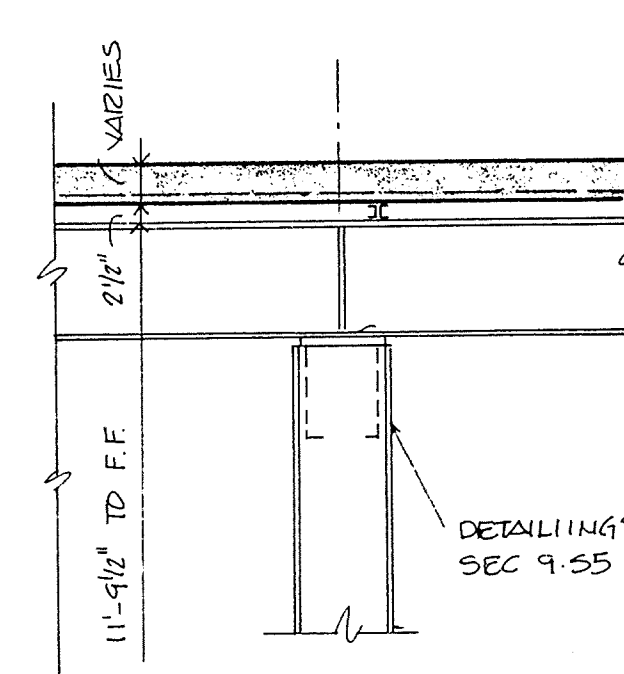
COLUMN DESIGNATION	SIZE	VERT. REINF.	TIES	REMARKS
(1) (5) (21) (25)	12X12	4-#7	#3	SEE PLAN DETAIL #7-S3
(2) (3) (4) (6) (10) (11) (15) (16) (20) (22) (23) (24)	12X16	4-#7	#3	
(7) (8) (9) (12) (13) (14) (17) (18) (19)	12X12	4-#6	#3	
(26) (27) (28) (29)	20X12	4-#6	#3	
CONC. COLUMNS BELOW FIRST FLOOR				
(1) (5) (21) (25)	10X10	4-#6	#3	
(2) (3) (4) (6) (11) (15) (16) (20) (22) (23) (24)	12X14	4-#6	#3	
(10)	12X40	8-#6	#4	SEE SECTION DETAIL #10-S3
(7) (8) (9) (12) (13) (14) (17) (18) (19)	16X16	4-#6	#3	
(26) (27) (28) (29)	12X12	4-#5	#3	
(30) (31) (32)	12X15	4-#5	#3	
(33)	12X12	4-#4	#3	

CONCRETE ROOF BEAM SCHEDULE

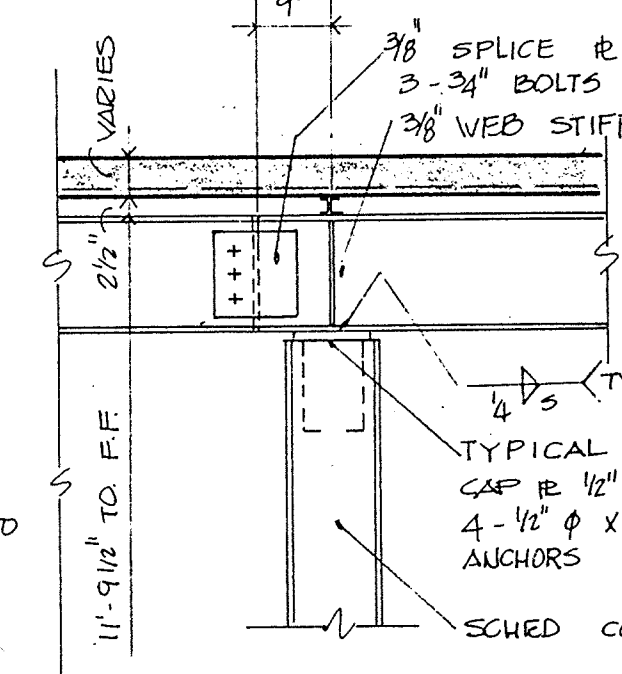
CONCRETE			LONGITUDINAL REINFORCING				STIRRUPS		
BEAM MARK	BEAM SIZE NOTED	DETAIL NUMBER SFT. SS	NO. BARS	BAR SIZE	BAR LENGTH	BAR LOCATION	BENDING & PLACEMENT INTERSECTING BEAMS	SIZE AND SPACING FROM EA. END	BENDING
RB1	10x3 1/2	5-SS	2	#7 6	33'-6"	TOP		#3	
			2	#6	21'-0	BOT.		6" EA. END & 16" O.C.	
RB2	10x3 1/2	5-SS	2	#7 6	26'-6"	TOP		#3	
			2	#6	26'-0	BOT.		6" EA. END & 16" O.C.	
RB3	10x3 1/2	5-SS	2	#7 6	24'-0"	TOP		#3	
			2	#6	26'-0	BOT.		6" EA. END & 16" O.C.	
RB4	10x3 1/2	5-SS	2	#7 6	12'-0"	TOP		#3	
			2	#6	21'-0	BOT.		6" EA. ENDS & 16" O.C.	
RB5	10x3 1/2	8-SS	2	#7	32'-0"	TOP		#3	
			2	#6	21'-0	BOT.		6" EA. ENDS & 16" O.C.	
RB6	10x3 1/2	8-SS	2	#7	22'-0"	TOP		#4	
			2	#7	21'-0	BOT		4" EA. END & 8" O.C.	
			2	#7	11'-0	BOT		8" O.C.	
RB7	10x5 1/2	7-SS	2	#7	22'-0"	TOP		#4	
			2	#7	21'-0	BOT		4" EA. END & 8" O.C.	
			2	#7	11'-0	BOT		8" O.C.	
RB8	10x3 1/2	8-SS	2	#7	12'-0"	TOP		#3	
			2	#6	21'-0	BOT		6" EA. END & 16" O.C.	
RB9	10x3 1/2	8-SS	2	#6	32'-0"	TOP		#3	
			2	#6	21'-0	BOT		6" EA. END & 16" O.C.	
RB10	10x3 1/2	8-SS	2	#6	22'-0"	TOP		#3	
			2	#6	21'-0"	BOT		6" EA. END & 16" O.C.	
RB11	10x3 1/2	10-SS	2	#6	22'-0"	TOP		#3	
			2	#6	21'-0"	BOT		6" EA. END & 16" O.C.	
			2	#6	12'-0"	TOP		6" EA. END & 16" O.C.	
RB12	10x3 1/2	8-SS	2	#6	21'-0"	BOT.		#3	
			2	#6	21'-0"	BOT.		6" EA. END & 16" O.C.	
RB13	12x10	1-SS	2	#7	17'-4"	TOP		#3	
			2	#6	17'-4"	BOT.		6" EA. END & 16" O.C.	
RB14	12x10	1-SS	3	#6	17'-4"	TOP		#3	
			3	#5	17'-4"	BOT.		6" EA. END & 16" O.C.	



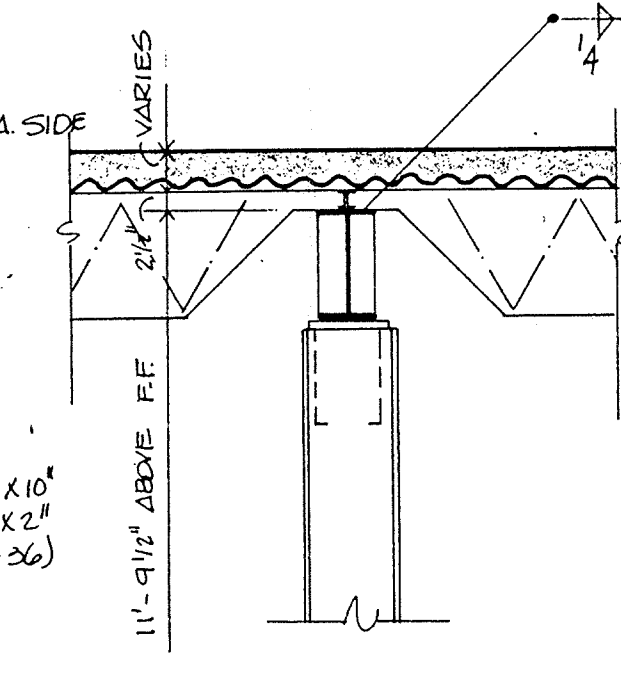
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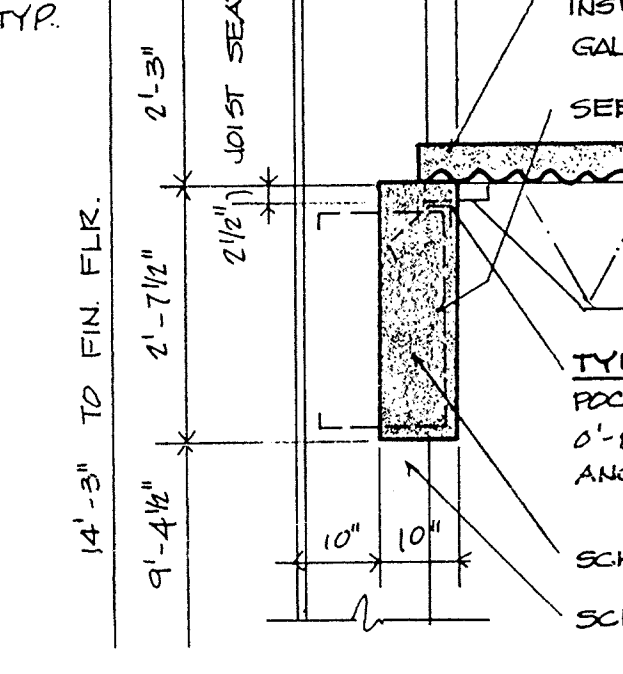
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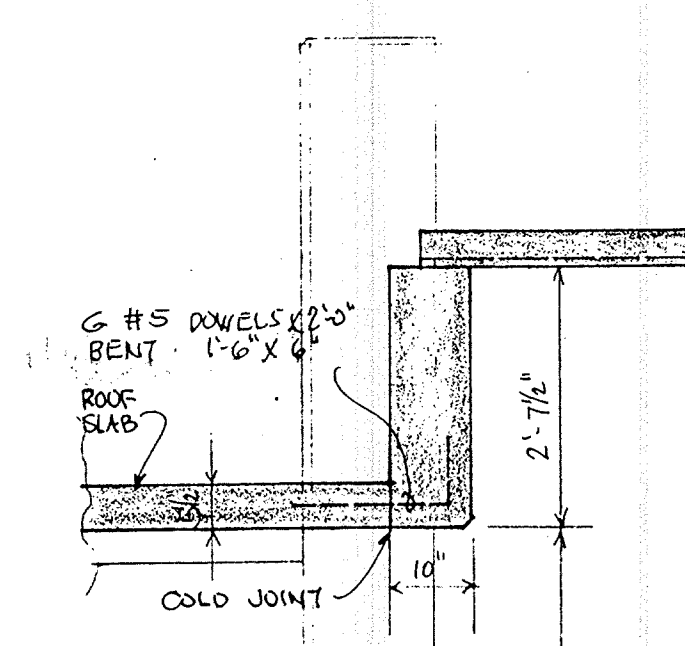
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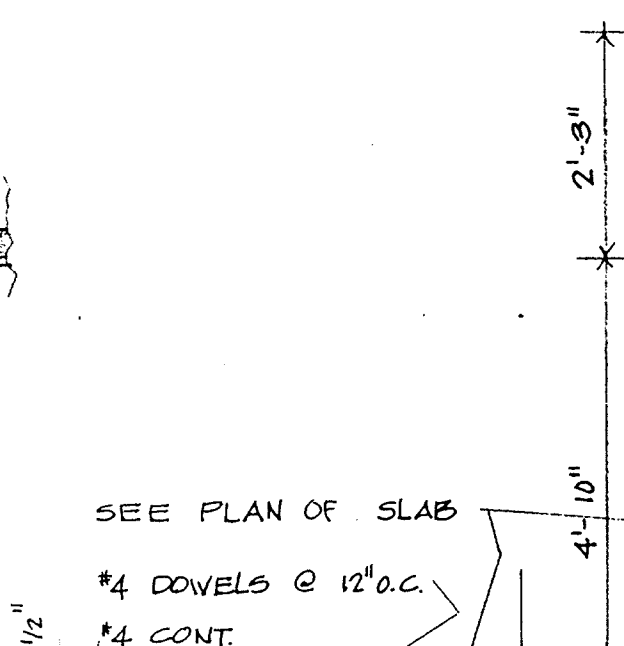
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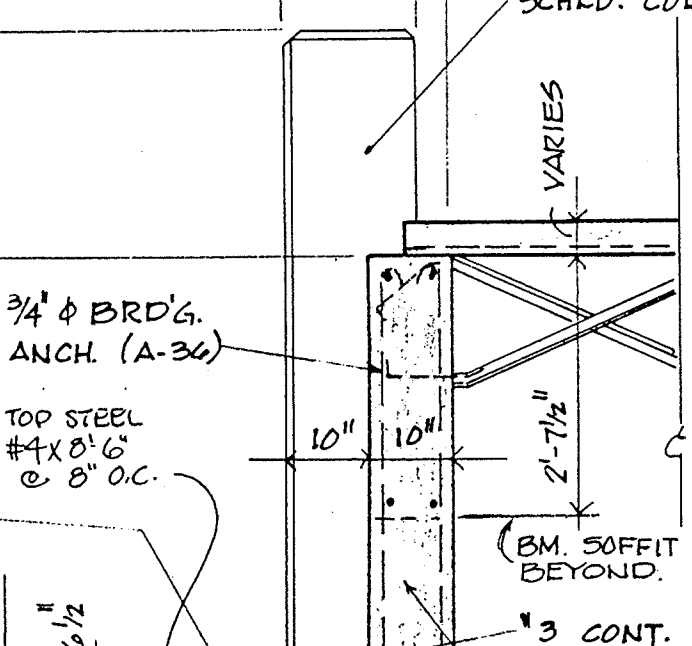
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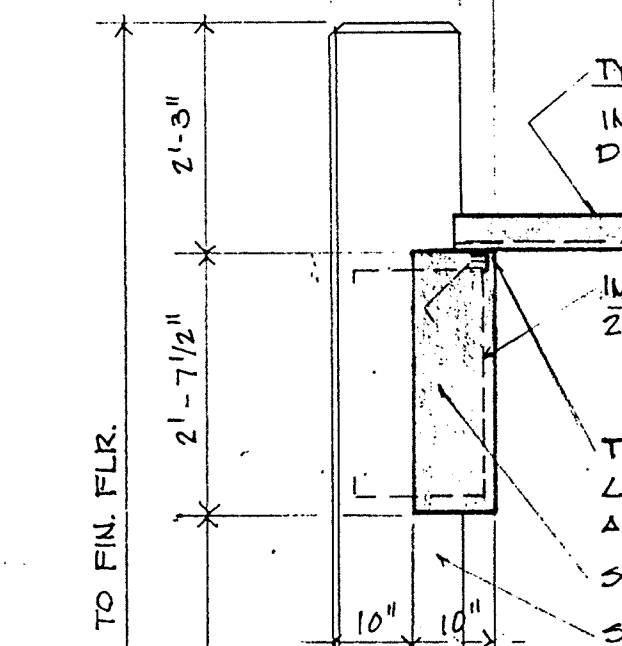
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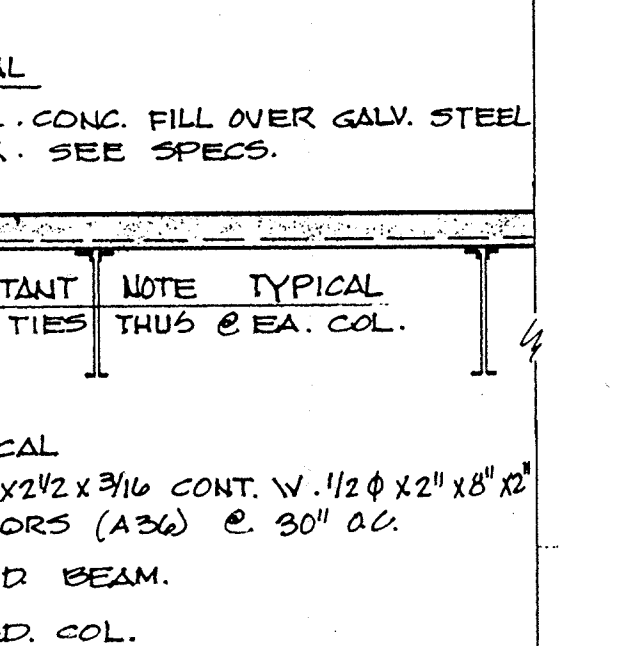
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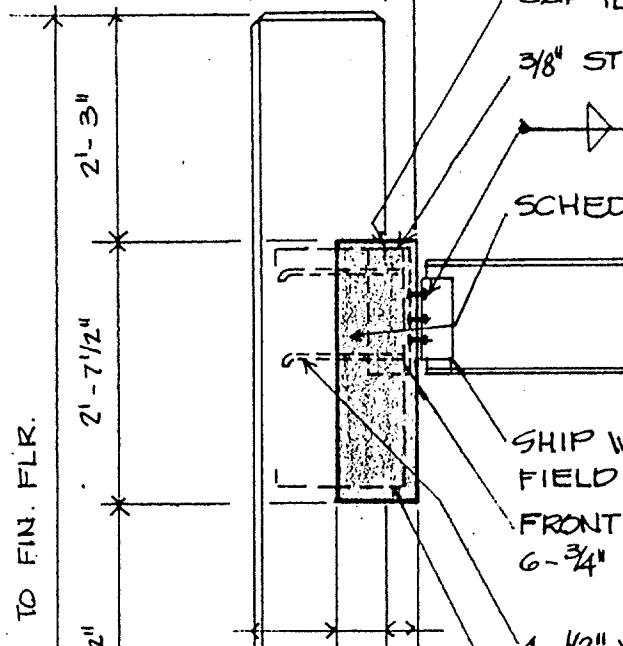
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8



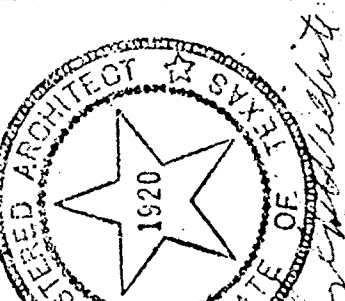
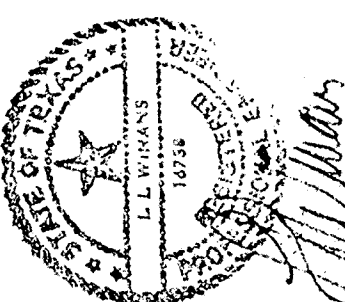
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11

STRUCTURAL DETAILS

1982 ADDITIONS AND ALTERATIONS TO THE
OFFICE BUILDING COMPLEX
OF THE BROWNSVILLE NAVIGATION DISTRICT
BROWNSVILLE, TEXAS



GAYLE D. WILHITE
ARCHITECT
PLANNER
1301 LOS EBANOS BOULEVARD, UNIT A
BROWNSVILLE, TEXAS 77820

DRAWN BY D.S. L.L.W.

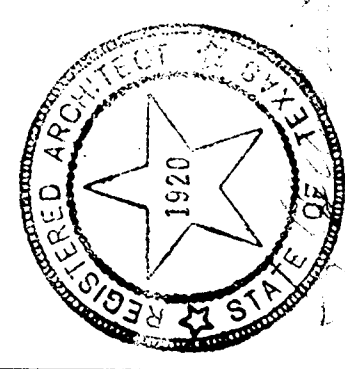
REVISIONS

COMMISSION 6 8102

SHEET S5

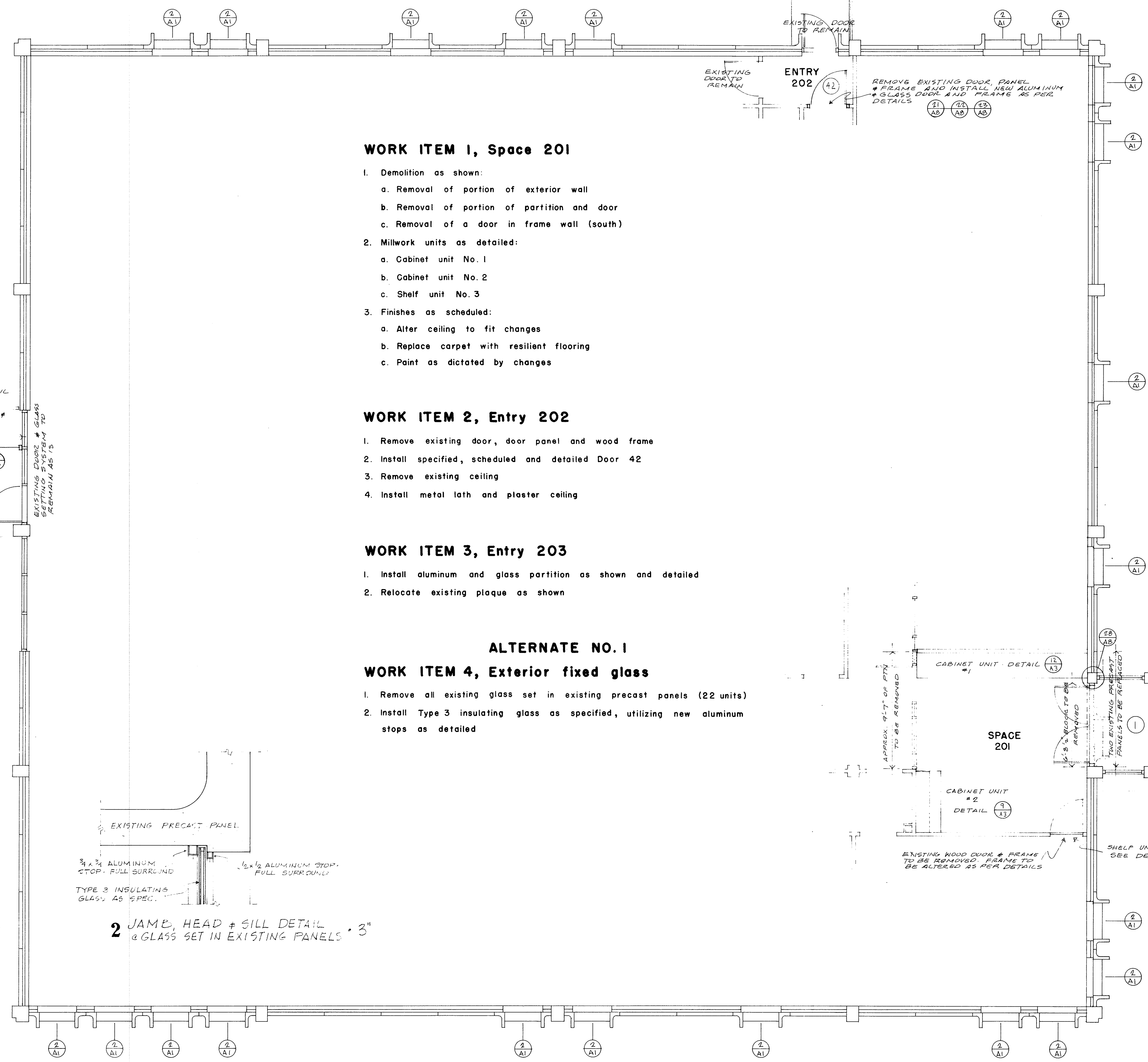
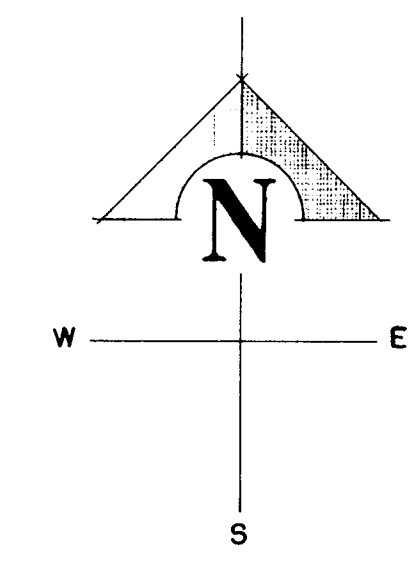
OF 5

DATE 5-3-82



GAYLE D. WILHITE
 ARCHITECT
 PLANNER
 1301 LOS EBANOS BOULEVARD, UNIT A
 BROWNSVILLE, TEXAS 78520

DRAWN BY GDW	
REVISIONS	
COMMISSION G 8102	
SHEET	A1
OF	9
DATE	5-3-82



WORK ITEM 1, Space 201

1. Demolition as shown:
 - a. Removal of portion of exterior wall
 - b. Removal of portion of partition and door
 - c. Removal of a door in frame wall (south)
2. Millwork units as detailed:
 - a. Cabinet unit No. 1
 - b. Cabinet unit No. 2
 - c. Shelf unit No. 3
3. Finishes as scheduled:
 - a. Alter ceiling to fit changes
 - b. Replace carpet with resilient flooring
 - c. Paint as dictated by changes

WORK ITEM 2, Entry 202

1. Remove existing door, door panel and wood frame
2. Install specified, scheduled and detailed Door 42
3. Remove existing ceiling
4. Install metal lath and plaster ceiling

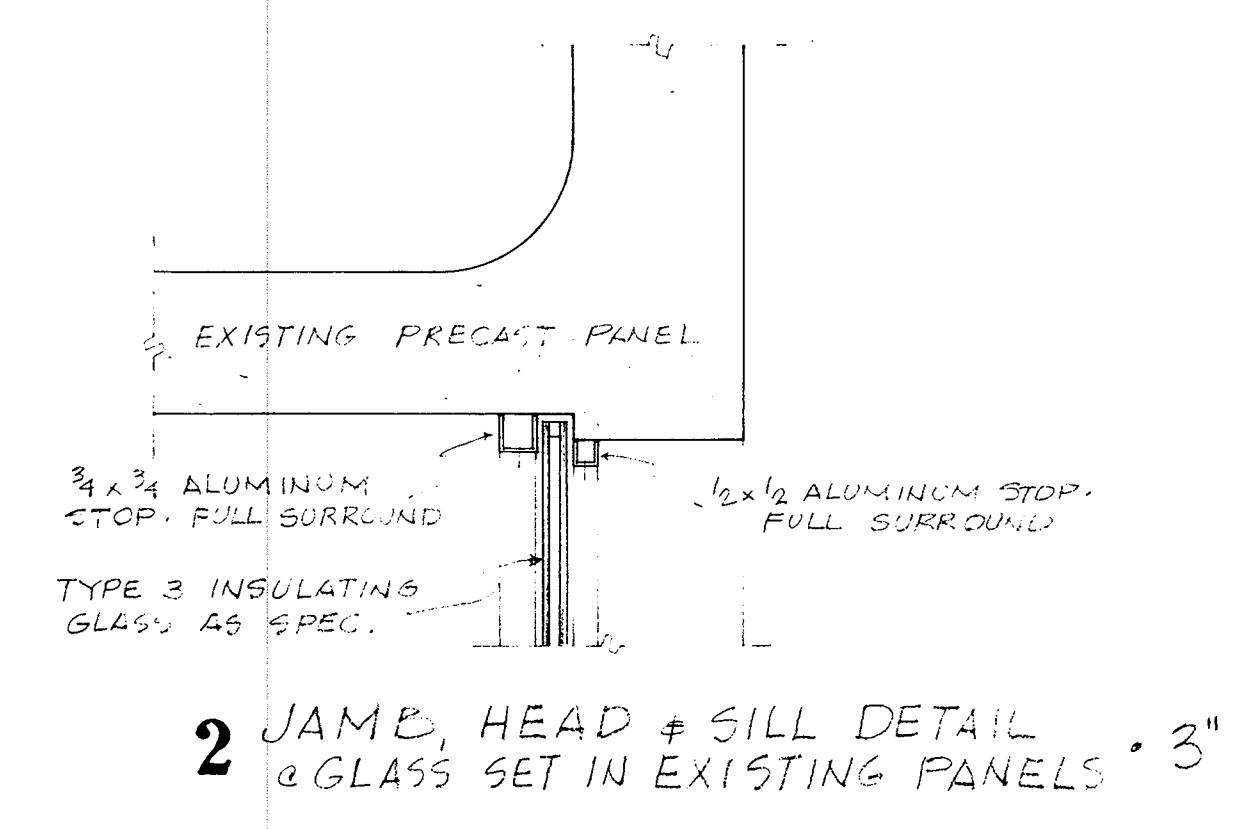
WORK ITEM 3, Entry 203

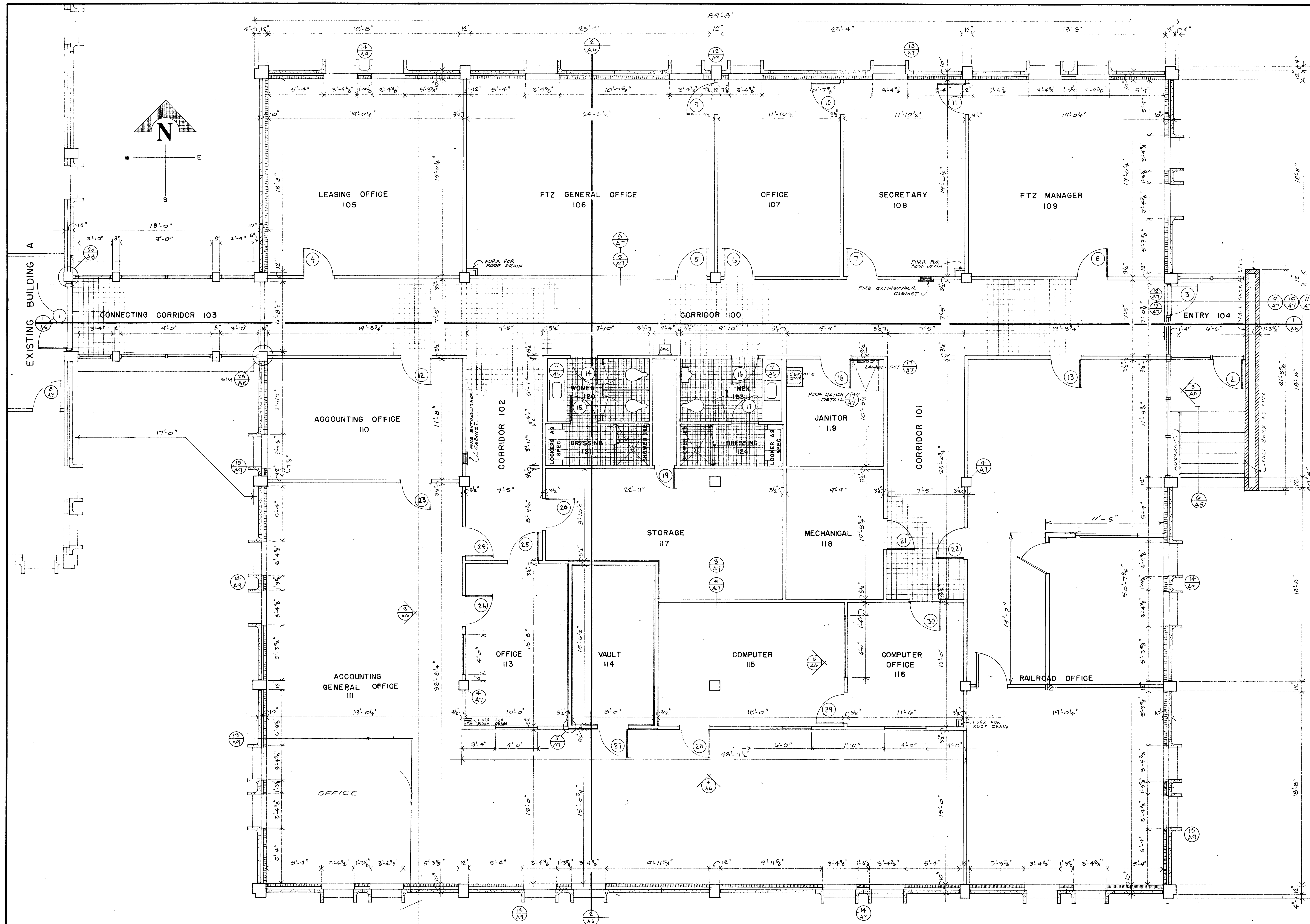
1. Install aluminum and glass partition as shown and detailed
2. Relocate existing plaque as shown

ALTERNATE NO. 1

WORK ITEM 4, Exterior fixed glass

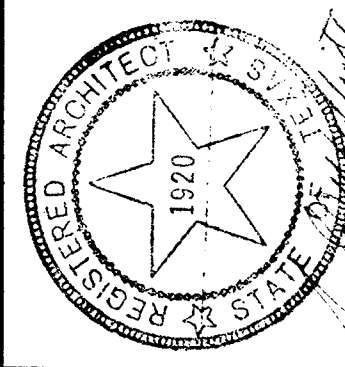
1. Remove all existing glass set in existing precast panels (22 units)
2. Install Type 3 insulating glass as specified, utilizing new aluminum stops as detailed





BUILDING B : FLOOR PLAN 1/4"

1982 ADDITIONS AND ALTERATIONS TO THE
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 OF THE BROWNSVILLE NAVIGATION DISTRICT
 BROWNSVILLE, TEXAS



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REVISIONS

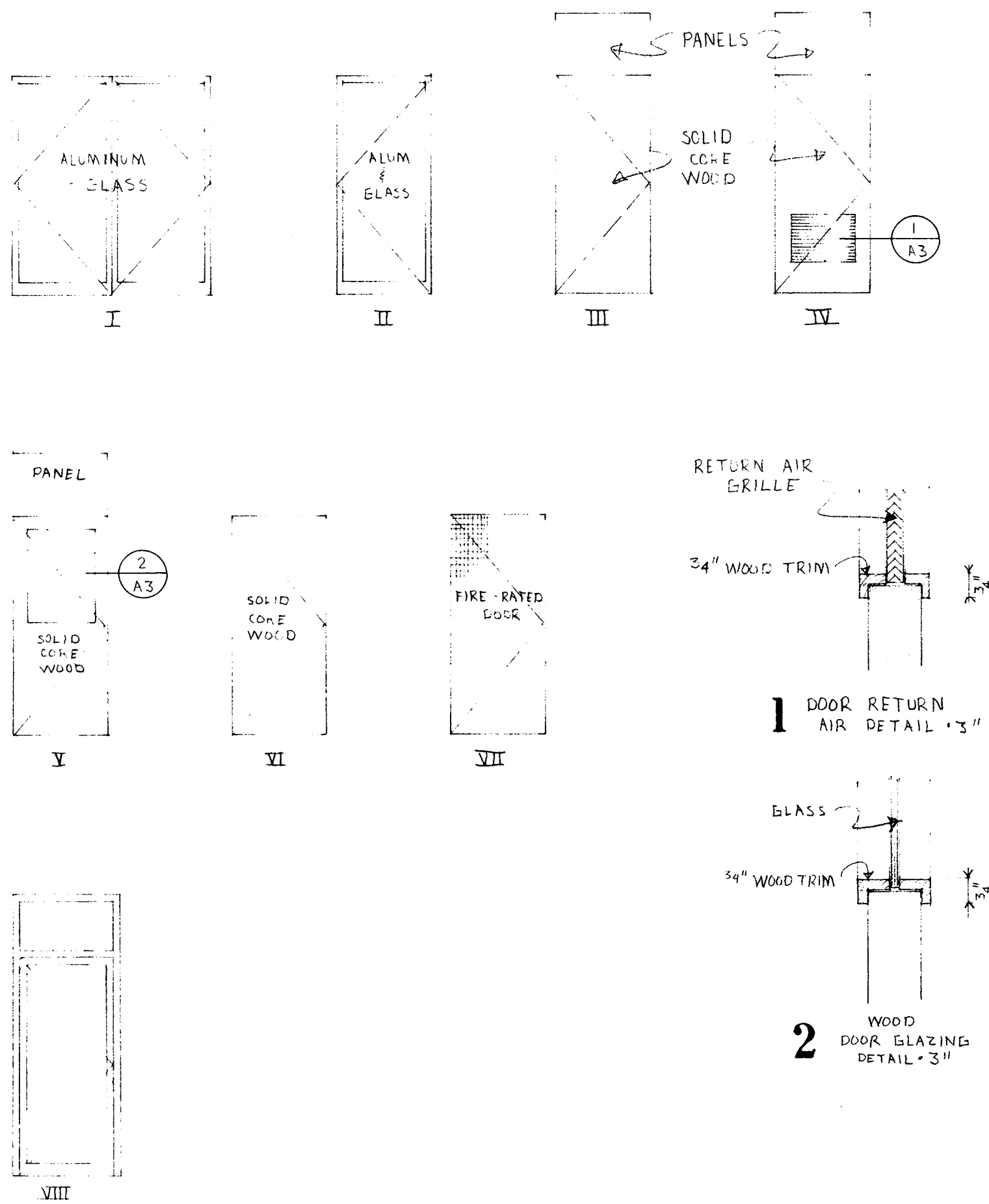
COMMISSION G 8102

SHEET **A2**

OF 9

DATE 5-3-82

DOOR TYPES



3 HEAD - 3"

4 SHELF - 3"

6 JAMB - 3"

5 SILL - 3"

7 ELEVATION - 1/2"

8 PLAN - 1/2"

SHELF UNIT #3

10 ELEVATION - 1/2"

9 PLAN - 1/2"

CABINET #2

11 SECTION - 1/2"

13 ELEVATION - 1/2"

12 PLAN - 1/2" CABINET UNIT #1

14 SECTION - 1/2"

SCHEDULES
MILLWORK

DOOR SCHEDULE

NO.	SIZE	TH.	TYPE	HDW.	MATERIAL	DETAILS				REMARKS
						HINGE JAMB	LATCH JAMB	HEAD	PANEL HEAD	
1	2'3" x 7'0"	1 1/4"	I	1	ALUMINUM AND GLASS	16 AB	20 AB	21 AB	25 AB	
2	3'0" x 7'0"	3/4"	II	1	ALUMINUM AND GLASS	16 AB	7 AB	15 AB	—	
3	3'0" x 7'0"	1 3/4"	II	1	ALUMINUM AND GLASS	16 AB	17 AB	15 AB	—	
4	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
5	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	4 AB	3 AB	2 AB	1 AB	
6	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	4 AB	3 AB	2 AB	1 AB	
7	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	5 AB	4 AB	2 AB	1 AB	
8	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
9	3'0" x 7'0"	1 3/4"	III	3	WOOD SOLID CORE	3 AB	4 AB	2 AB	1 AB	
10	3'0" x 7'0"	1 3/4"	III	4	WOOD SOLID CORE	10 AB	3 AB	2 AB	1 AB	
11	3'0" x 7'0"	1 3/4"	III	4	WOOD SOLID CORE	4 AB	3 AB	2 AB	1 AB	
12	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
13	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
14	2'0" x 7'0"	1 3/4"	III	5	WOOD SOLID CORE	8 AB	8 AB	7 AB	6 AB	
15	2'0" x 7'0"	1 3/4"	VII	6	WOOD SOLID CORE	8 AB	8 AB	7 AB	6 AB	
16	2'0" x 7'0"	1 3/4"	VII	5	WOOD SOLID CORE	8 AB	8 AB	7 AB	6 AB	
17	2'0" x 7'0"	1 3/4"	VII	6	WOOD SOLID CORE	8 AB	8 AB	7 AB	6 AB	
18	3'0" x 7'0"	1 3/4"	IV	7	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
19	2'0" x 7'0"	1 3/4"	VII	8	WOOD SOLID CORE	12 AB	12 AB	11 AB	—	
20	3'0" x 7'0"	1 3/4"	IV	7	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
21	3'0" x 7'0"	1 3/4"	IV	7	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
22	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
23	3'0" x 7'0"	1 3/4"	III	2	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
24	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	5 AB	3 AB	2 AB	1 AB	
25	3'0" x 7'0"	1 3/4"	IV	2	WOOD SOLID CORE	5 AB	3 AB	2 AB	1 AB	
26	3'0" x 7'0"	1 3/4"	III	2	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
27	3'0" x 7'0"	1 3/4"	VII	9	FIRE RATED	14 AB	14 AB	13 AB	—	
28	3'0" x 7'0"	1 3/4"	V	12	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
29	3'0" x 7'0"	1 3/4"	III	3	WOOD SOLID CORE	5 AB	3 AB	2 AB	1 AB	
30	3'0" x 7'0"	1 3/4"	III	2	WOOD SOLID CORE	3 AB	3 AB	2 AB	1 AB	
41	3'0" x 7'0"	1 3/4"	II	10	ALUMINUM AND GLASS	16 AB	17 AB	15 AB	—	
42	3'0" x 7'0"	1 3/4"	VIII	11	ALUMINUM AND GLASS	23 AB	23 AB	21 AB	22 AB	

ROOM FINISH SCHEDULE

NO.	ROOM	FLOOR	BASE	WALLS				CEILING	CLG. HGT.	REMARKS
				NORTH	EAST	SOUTH	WEST			
100	CORRIDOR	QUARRY TILE	VINYL	VINYL WALL COVERING	ALUMINUM AND GLASS	VINYL WALL COVERING	OPEN	SUSPENDED ACOUSTICAL	9'-0"	
101	CORRIDOR	QUARRY TILE	VINYL	OPEN	ALUMINUM AND GLASS	VINYL WALL COVERING	VINYL WALL COVERING	SUSPENDED ACOUSTICAL	9'-0"	
102	CORRIDOR	QUARRY TILE	VINYL	OPEN	ALUMINUM AND GLASS	VINYL WALL COVERING	VINYL WALL COVERING	SUSPENDED ACOUSTICAL	9'-0"	
103	CONNECTING CORRIDOR	QUARRY TILE	VINYL	ALUMINUM AND GLASS	OPEN	ALUMINUM AND GLASS	ALUMINUM AND GLASS	SUSPENDED ACOUSTICAL	9'-0"	
104	ENTRY	QUARRY TILE	NONE	ALUMINUM AND GLASS	FACE BRICK	ALUMINUM AND GLASS	ALUMINUM AND GLASS	CONCRETE	7'-2"	
105	LEASING	CARPET BY OWNER	VINYL	LIGHTWEIGHT BLOCK	GYPSON BOARD	GYPSON BOARD	LIGHTWEIGHT BLOCK	SUSPENDED ACOUSTICAL	9'-0"	
106	FTZ GENERAL OFFICE	CARPET BY OWNER	VINYL	LIGHTWEIGHT BLOCK	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
107	OFFICE	CARPET BY OWNER	VINYL	LIGHTWEIGHT BLOCK	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
108	SECRETARY	CARPET BY OWNER	VINYL	LIGHTWEIGHT BLOCK	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
109	FTZ MANAGER	CARPET BY OWNER	VINYL	LIGHTWEIGHT BLOCK	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
110	ACCOUNTING	CARPET BY OWNER	VINYL	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	LIGHTWEIGHT BLOCK	SUSPENDED ACOUSTICAL	9'-0"	
111	GENERAL ACCOUNTING	CARPET BY OWNER	VINYL	GYPSON BOARD	GYPSON BOARD	LIGHTWEIGHT BLOCK	LIGHTWEIGHT BLOCK	SUSPENDED ACOUSTICAL	9'-0"	(3) (4) (A3)
112	RAILROAD	CARPET BY OWNER	VINYL	GYPSON BOARD	GYPSON BOARD	LIGHTWEIGHT BLOCK	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
113	OFFICE	CARPET BY OWNER	VINYL	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
114	VAULT	VINYL ASBESTOS	VINYL	FIRE RATED GYPSON BOARD	FIRE RATED GYPSON BOARD	FIRE RATED GYPSON BOARD	FIRE RATED GYPSON BOARD	SUSPENDED ACOUSTICAL	8'-0"	(15) (16) (A3)
115	COMPUTER	VINYL ASBESTOS	VINYL	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	(5) (A3)
116	COMPUTER OFFICE	VINYL ASBESTOS	VINYL	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
117	STORAGE	VINYL ASBESTOS	VINYL	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
118	MECHANICAL	VINYL ASBESTOS	VINYL	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	
119	JANITOR	VINYL ASBESTOS	VINYL	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	GYPSON BOARD	SUSPENDED ACOUSTICAL	9'-0"	BLOCK OUT OPENING IN ACOUSTICAL CEILING FOR ACCESS TO ROOF HATCH (DETAIL 17/AT)
120	WOMEN	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	SUSPENDED ACOUSTICAL	8'-0"	(6) (A3)
121	DRESSING	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	SUSPENDED ACOUSTICAL	8'-0"	(6) (A3)
122	SHOWER	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	SUSPENDED ACOUSTICAL	8'-0"	(6) (A3)
123	MEN	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	SUSPENDED ACOUSTICAL	8'-0"	(6) (A3)
124	DRESSING	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	SUSPENDED ACOUSTICAL	8'-0"	(6) (A3)
125	SHOWER	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	SUSPENDED ACOUSTICAL	8'-0"	(6) (A3)
201	SPACE	SHEET VINYL AS SPEC	VINYL	CABINET UNIT #1	GYPSON BOARD & ALUM & GLASS	GYPSON BOARD & SHELF UNIT #3	CABINET UNIT #2	EXISTING SUSPENDED ACOUSTICAL	11'-0"	TO BE ALTERED TO TIE IN WITH EXISTING CEILING AS WELL AS NEW CEILING IN NEW CONSTRUCTION
202	ENTRY	EXISTING VINYL ASS.	EXIST VINYL	EXISTING	LIGHTWEIGHT	BLOCK & GYPSON BOARD WALLS	EXISTING CAST ALUMINUM	METAL LATH & PLASTER	9'-0"	REMOVE EXISTING CEILING & INSTALL ML & PL CLG
203	ENTRY	ALL FINISHES	TO REMAIN AS EXISTING, EXCEPT PLASTER IS TO BE RE-SET	EXISTING	LIGHTWEIGHT	EXISTING CAST ALUMINUM IN NEW POSITION TO CLEAR NEW PARTITION	EXISTING	EXISTING	7'-2"	



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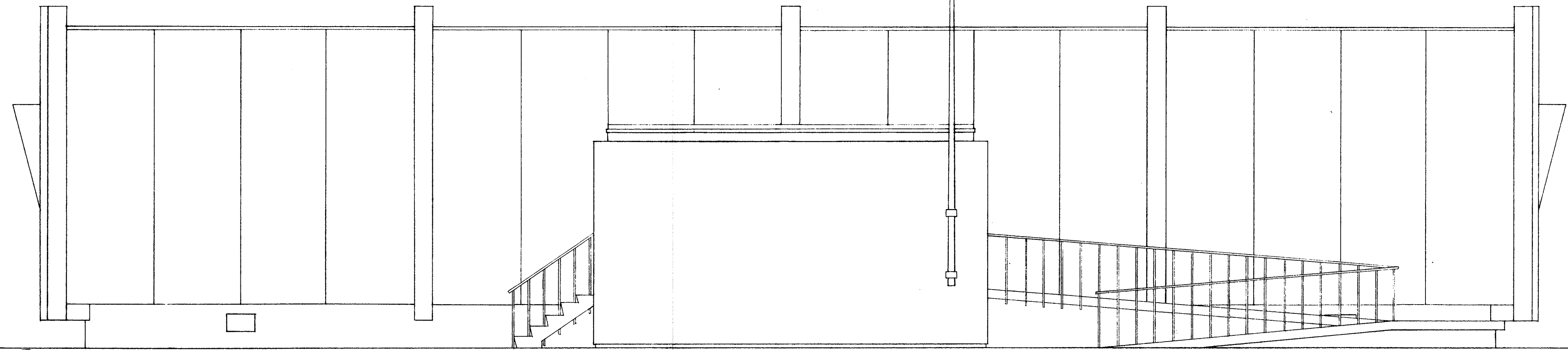
REVISIONS

COMMISSION 6 8102

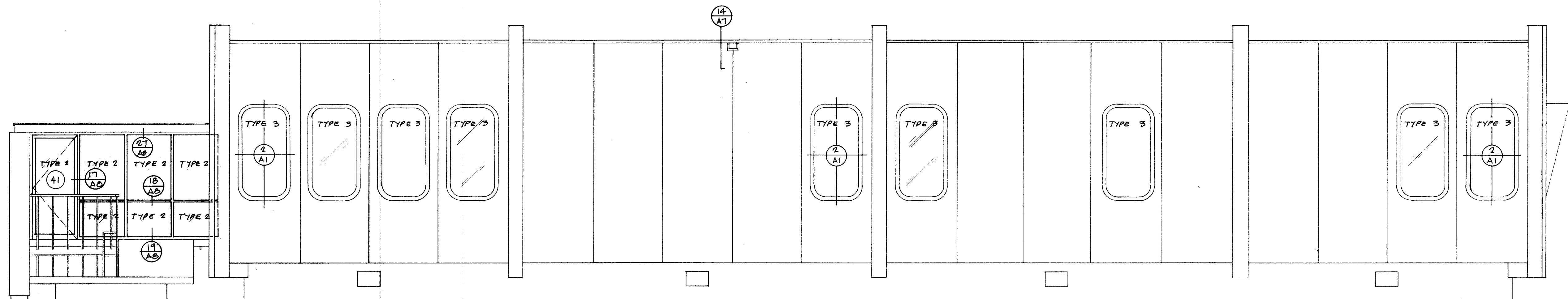
SHEET **A3**

OF 9

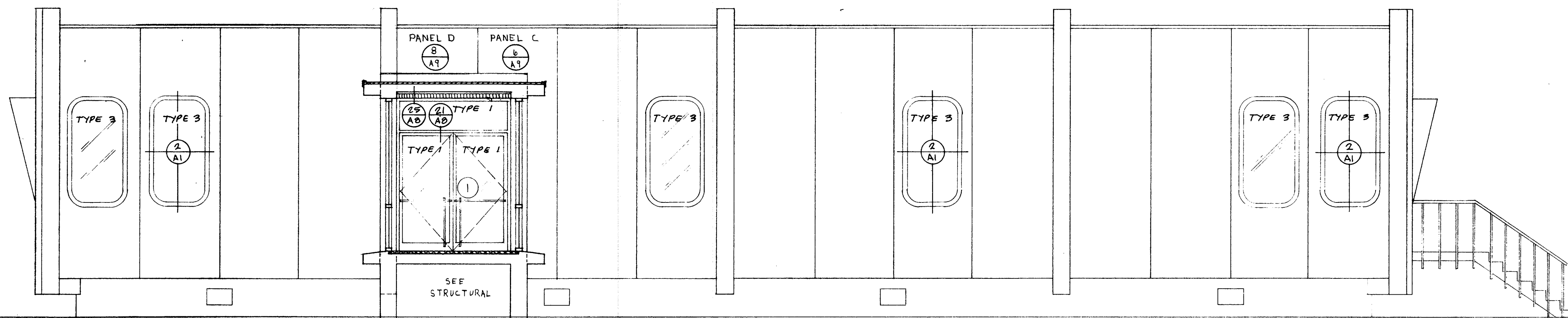
DATE 5-3-82



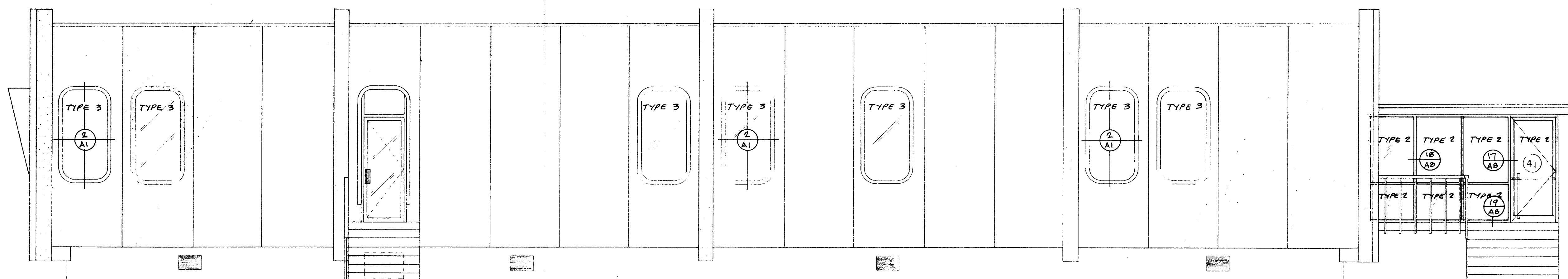
1 WEST ELEVATION



2 SOUTH ELEVATION



3 EAST ELEVATION



4 NORTH ELEVATION

EXISTING BUILDING A: ELEVATIONS - 1/4"

1982 ADDITIONS AND ALTERATIONS TO THE
OFFICE BUILDING COMPLEX
 OF THE BROWNSVILLE NAVIGATION DISTRICT
 BROWNSVILLE, TEXAS



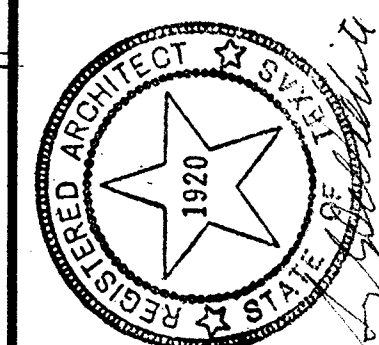
GAYLE D. WILHITE
 ARCHITECT
 PLANNER
 1301 LOS EBANOS BOULEVARD, UNIT A
 BROWNSVILLE, TEXAS 77820

DRAWN BY JES
 9DW

REVISIONS

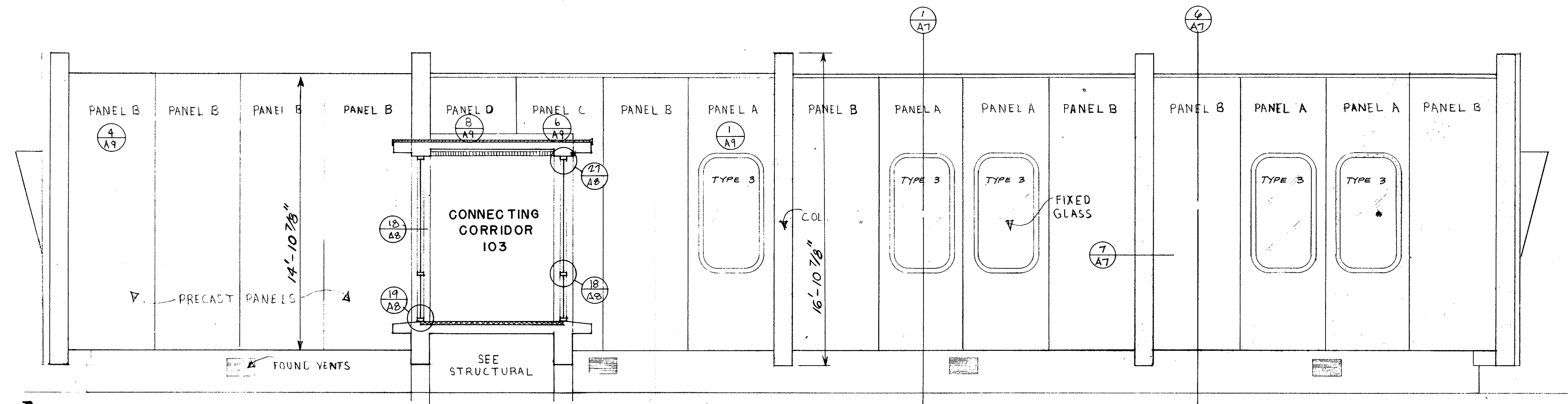
COMMISSION G 8102

SHEET **A4**
 OF 9
 DATE 5-3-82

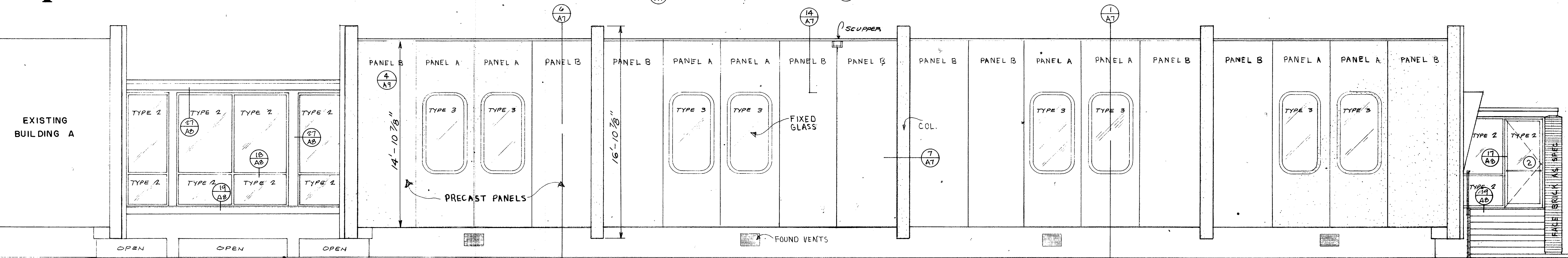


GAYLE D. WILHITE
 ARCHITECT
 PLANNER
 1301 LOS EBANOS BOULEVARD, UNIT A
 BROWNSVILLE, TEXAS 77820

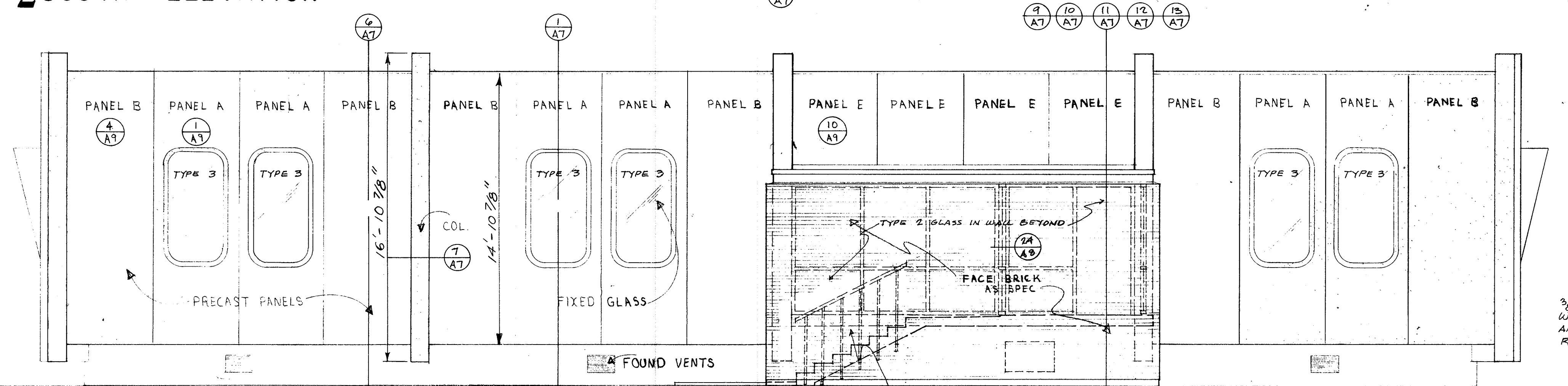
DRAWN BY	JEB GDW
REVISIONS	
COMMISSION	0 8102
SHEET	A5
OF	9
DATE	5-3-82



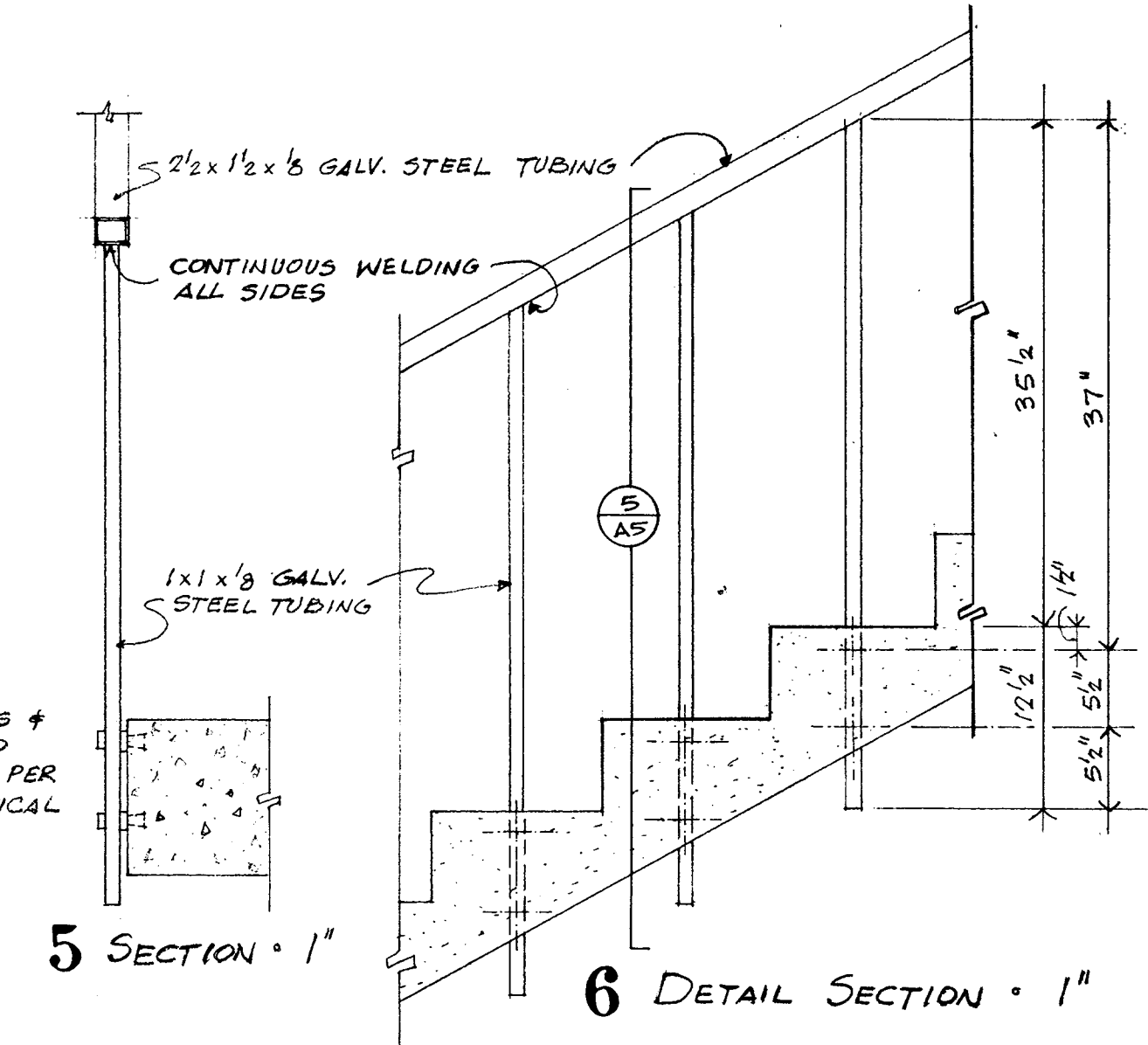
1 WEST ELEVATION



2 SOUTH ELEVATION

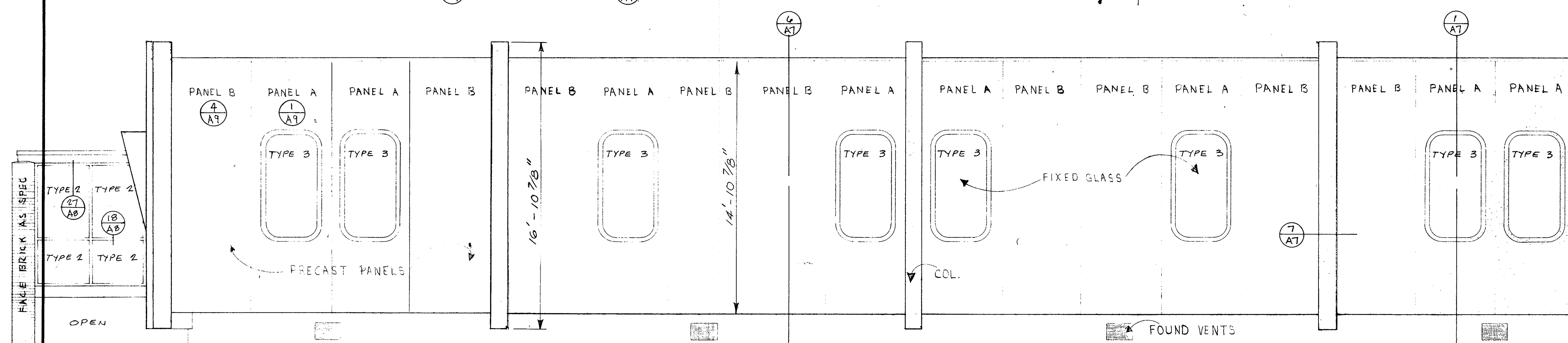


3 EAST ELEVATION

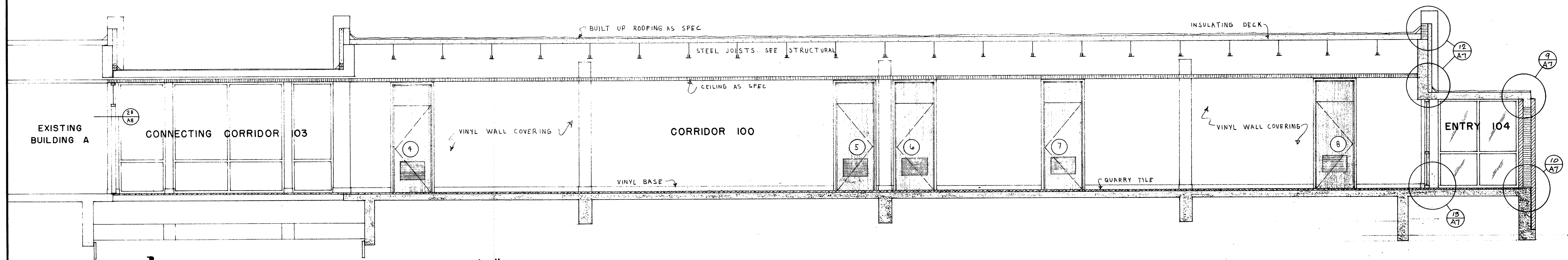


5 SECTION - 1"

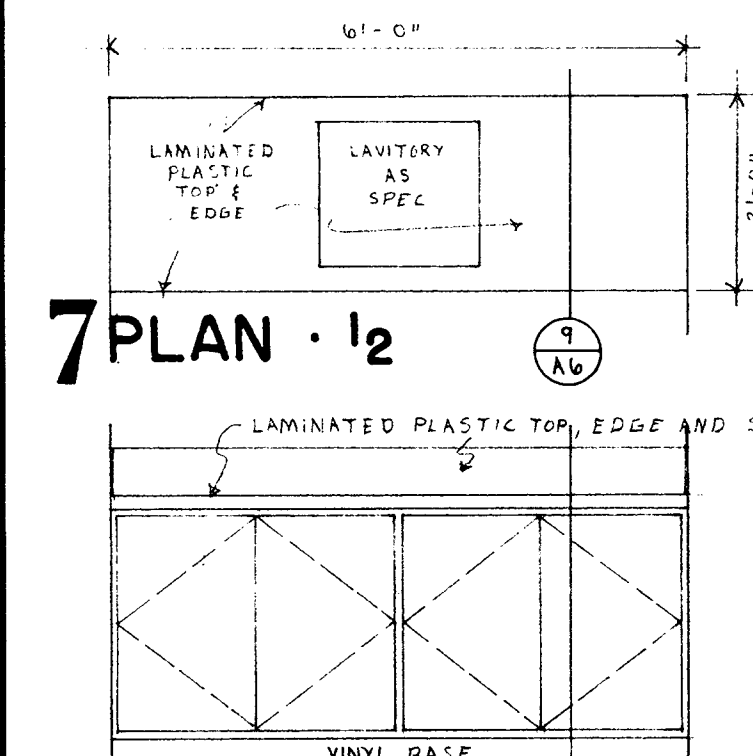
6 DETAIL SECTION - 1"



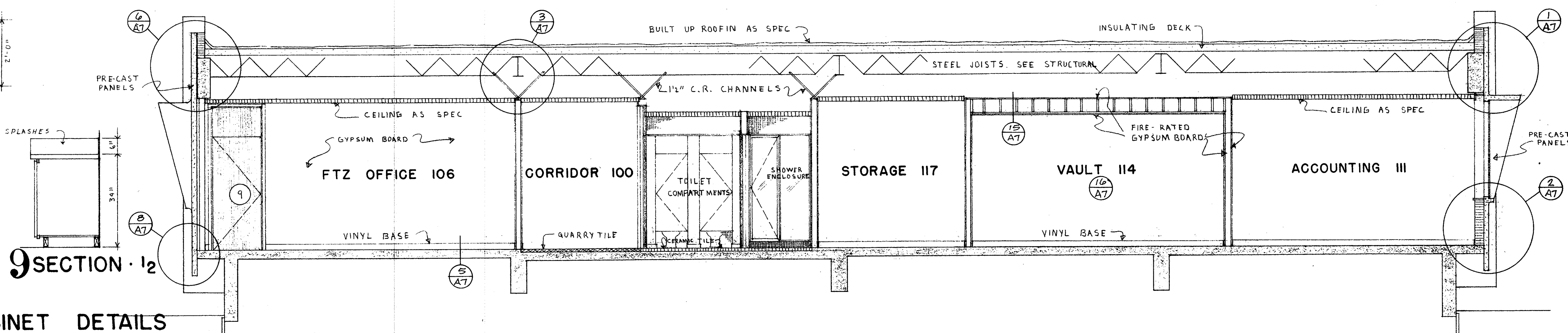
4 NORTH ELEVATION



1 BUILDING CROSS SECTION · 1/4" SC · BUILDING B



7 PLAN · 1/2"

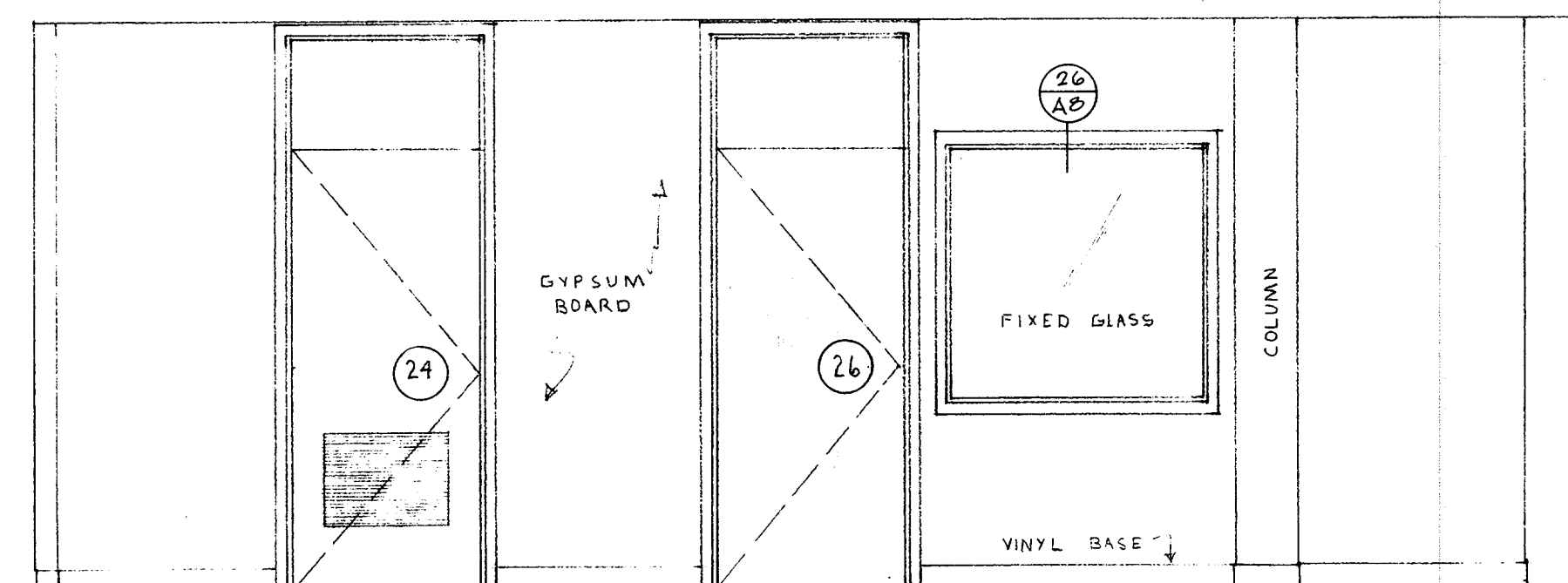


8 ELEVATION · 1/2"

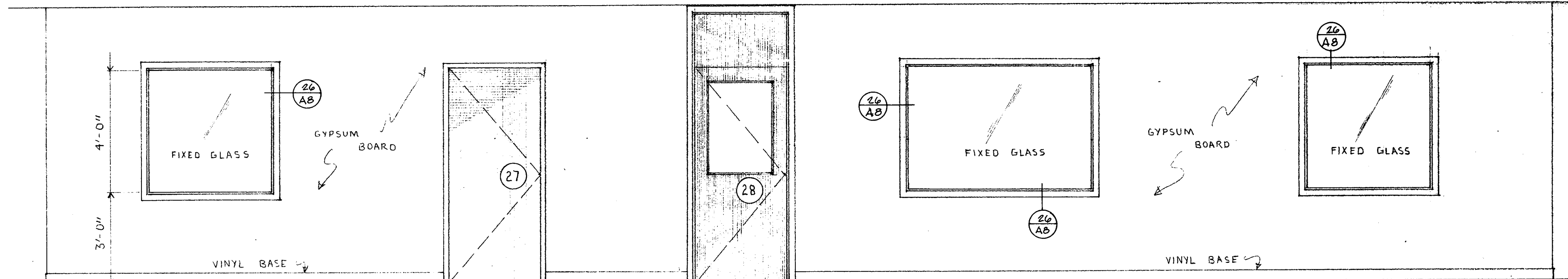
9 SECTION · 1/2"

REST ROOM CABINET DETAILS

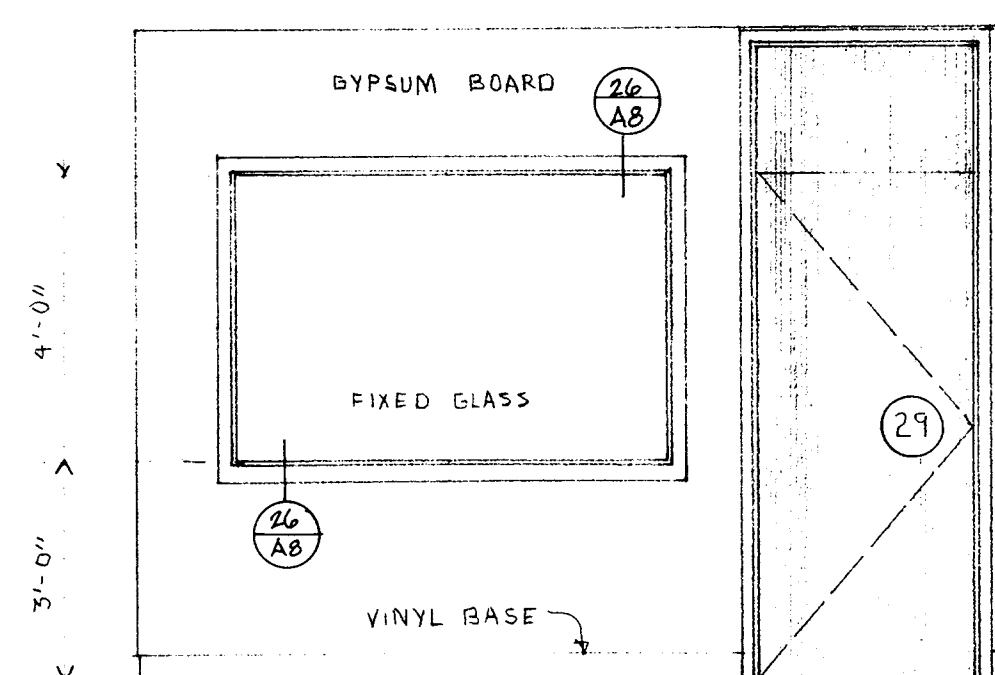
2 BUILDING CROSS SECTION · 1/4" SC · BUILDING B



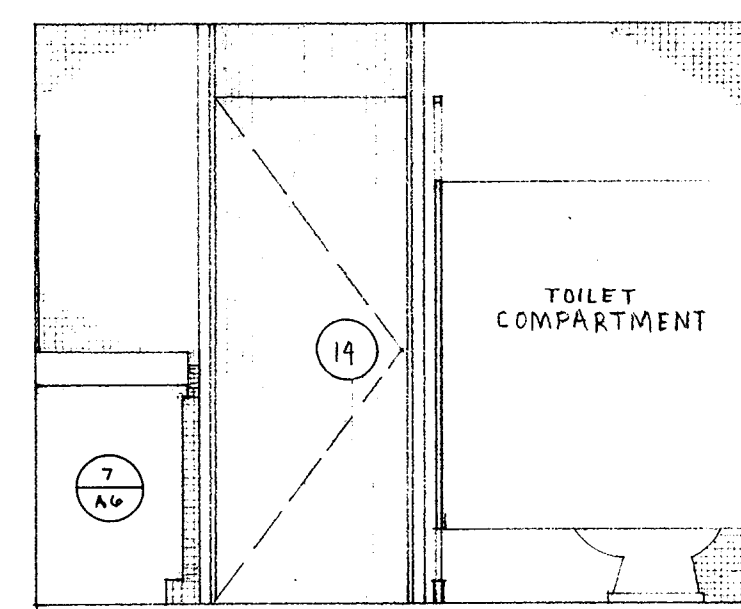
3 ELEVATION ROOM III · 3/8"



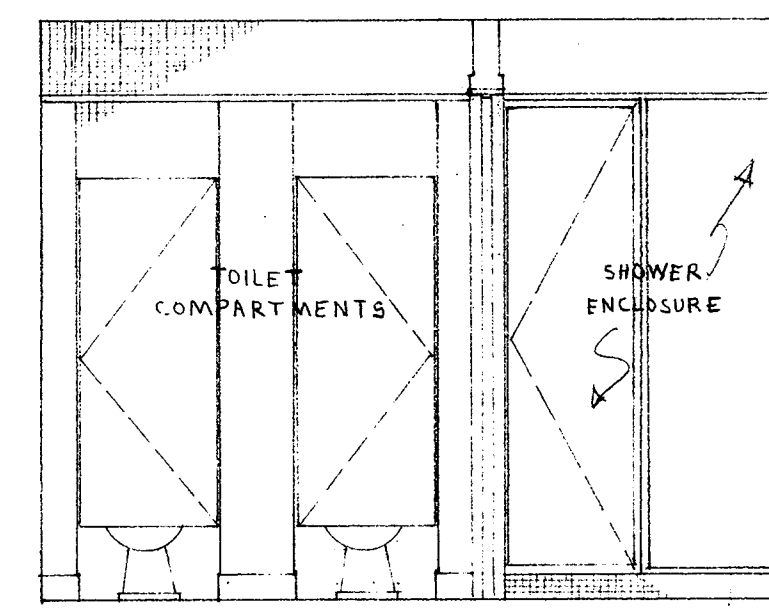
4 ELEVATION ROOM III · 3/8"



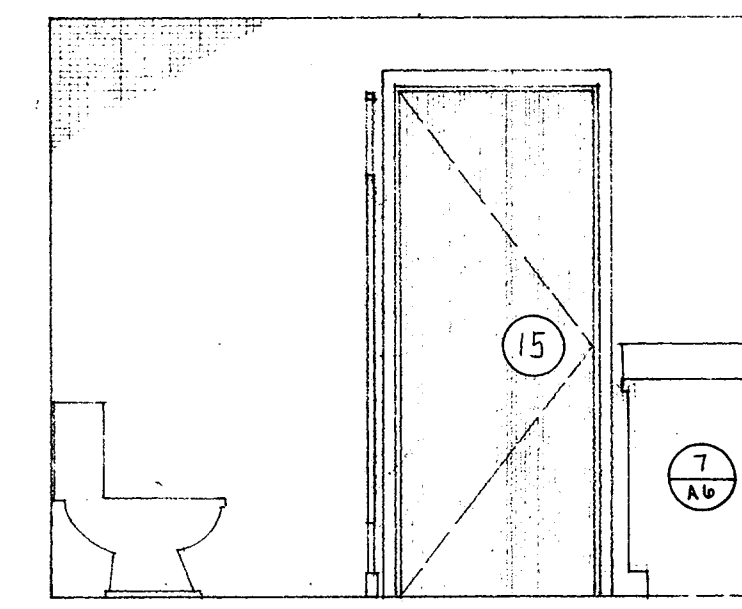
5 ELEVATION ROOM I15 · 3/8"



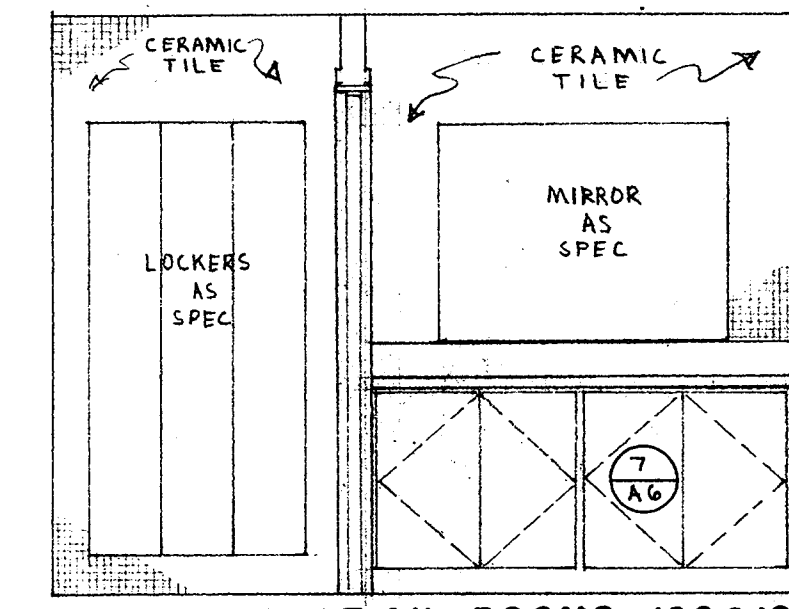
NORTH ELEVATION ROOM 120



EAST ELEVATION ROOMS 120 & 121



SOUTH ELEVATION ROOM 120

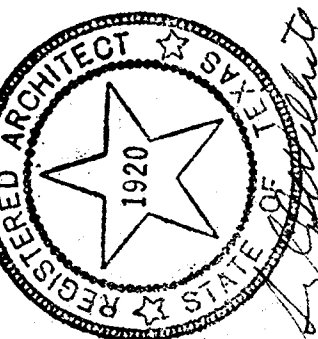


WEST ELEVATION ROOMS 120 & 121

6 INTERIOR ELEVATION OF ROOMS 120 & 121 (123 & 124 SIMILAR) · 3/8"

CROSS SECTIONS · 1/4"
INTERIOR ELEVATIONS · 3/8"

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BROWNSVILLE, TEXAS



GAYLE D. WILHITE
ARCHITECT
PLANNER
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DRAWN BY JED GDW

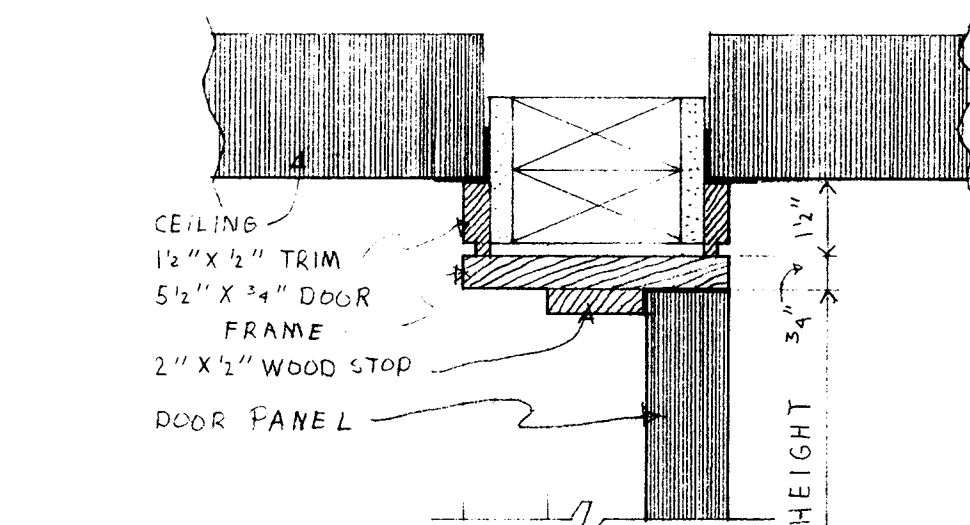
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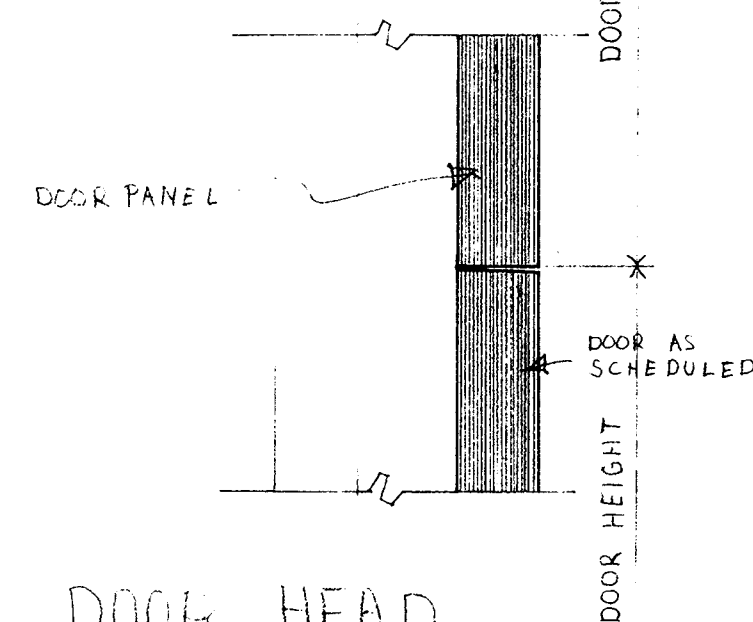
SHEET **A6**

OF 9

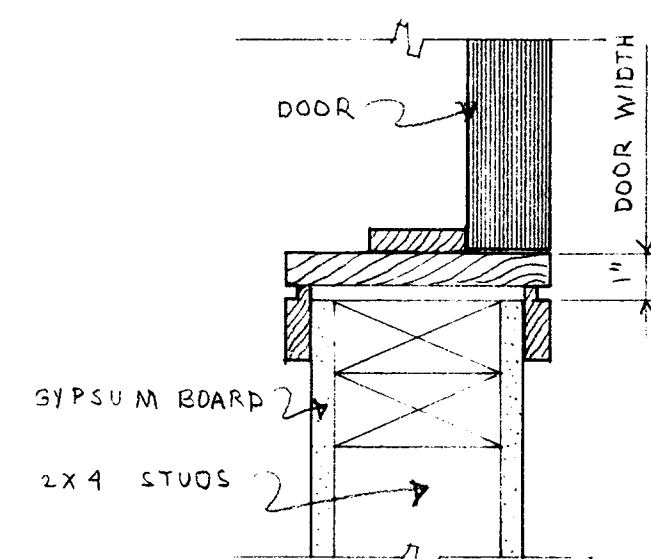
DATE 5-3-82



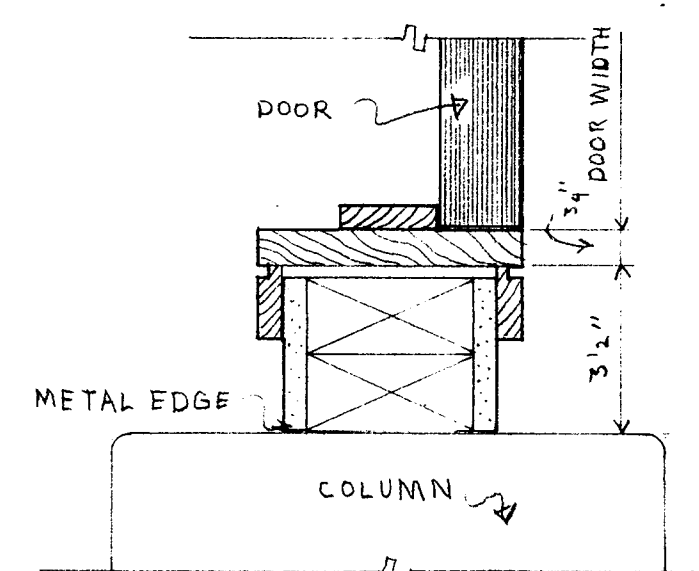
1 DOOR HEAD PANEL



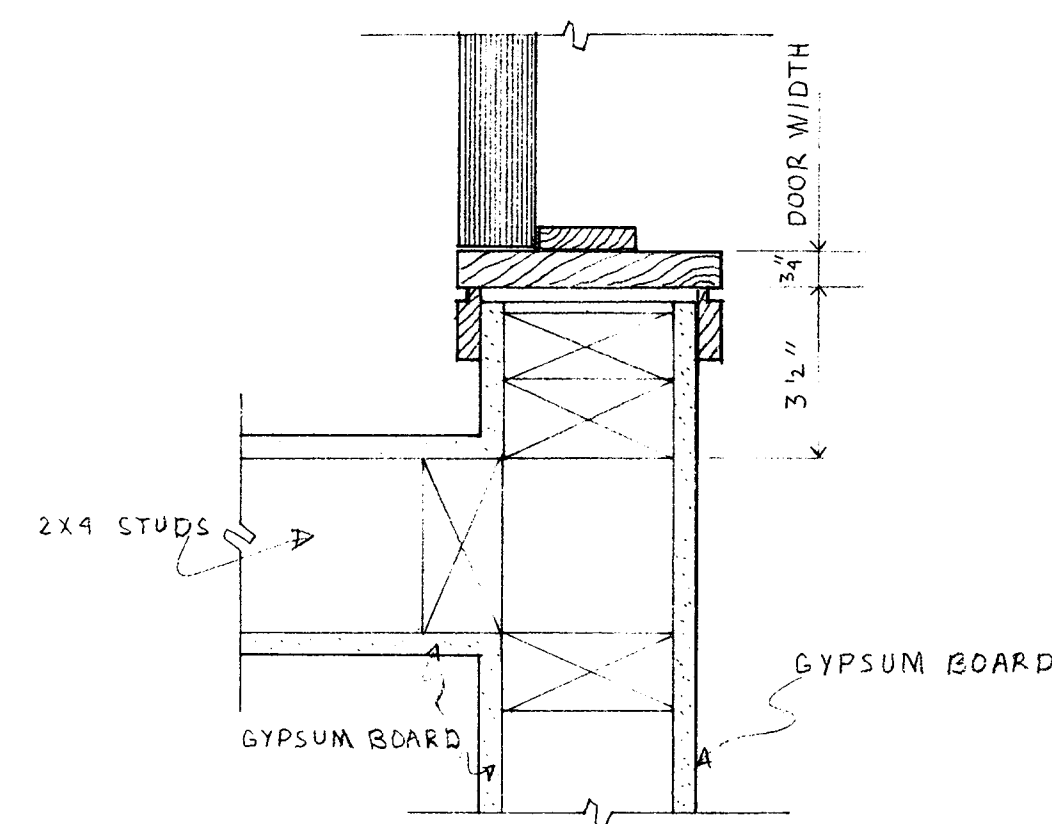
2 DOOR HEAD



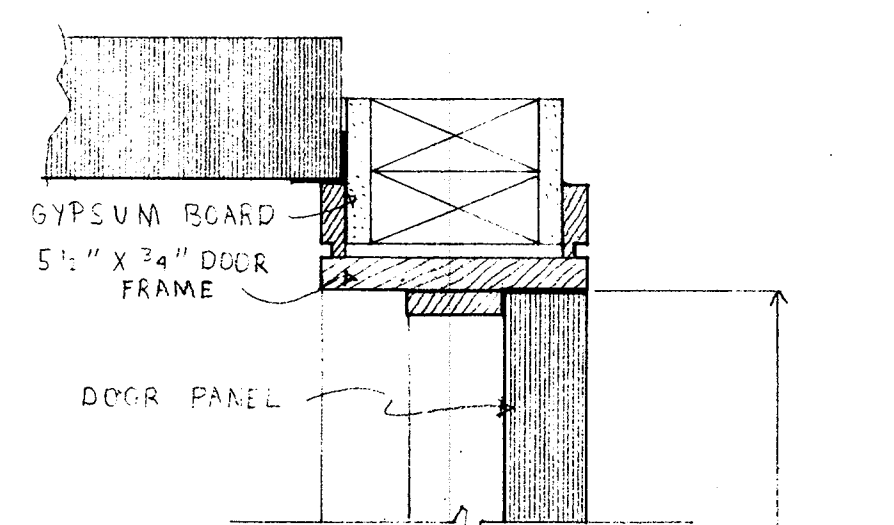
3 DOOR JAMB



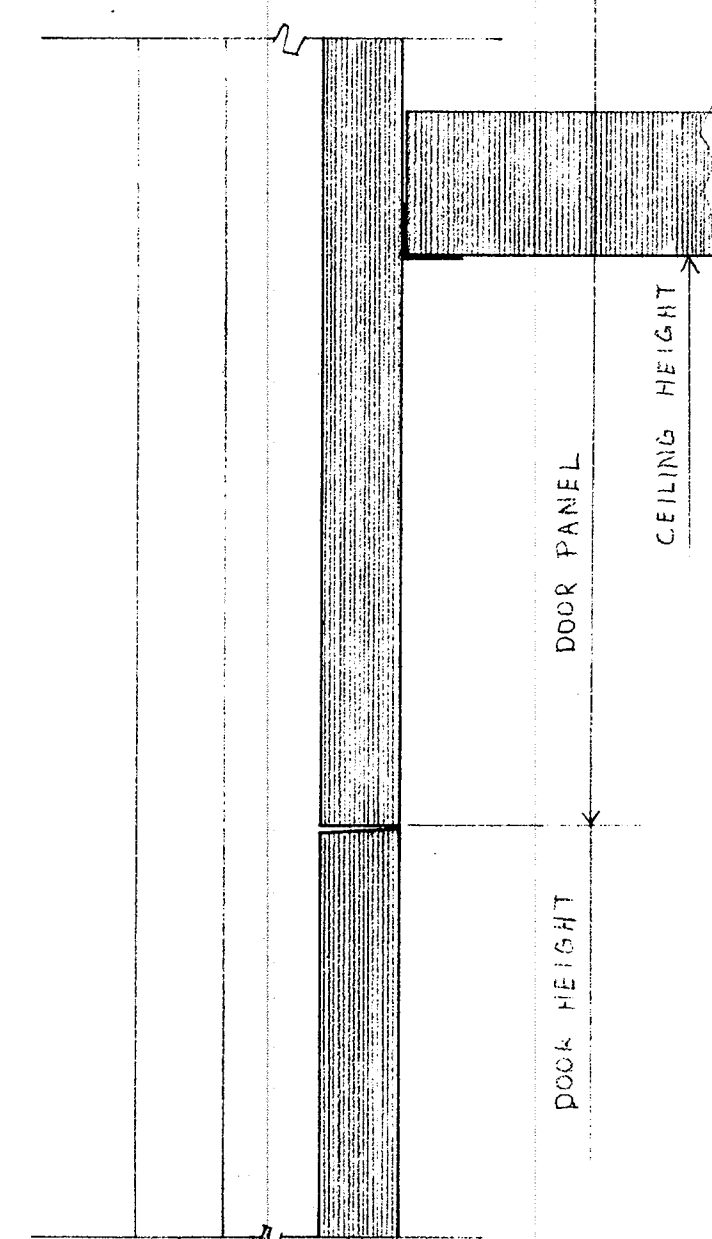
4 DOOR JAMB



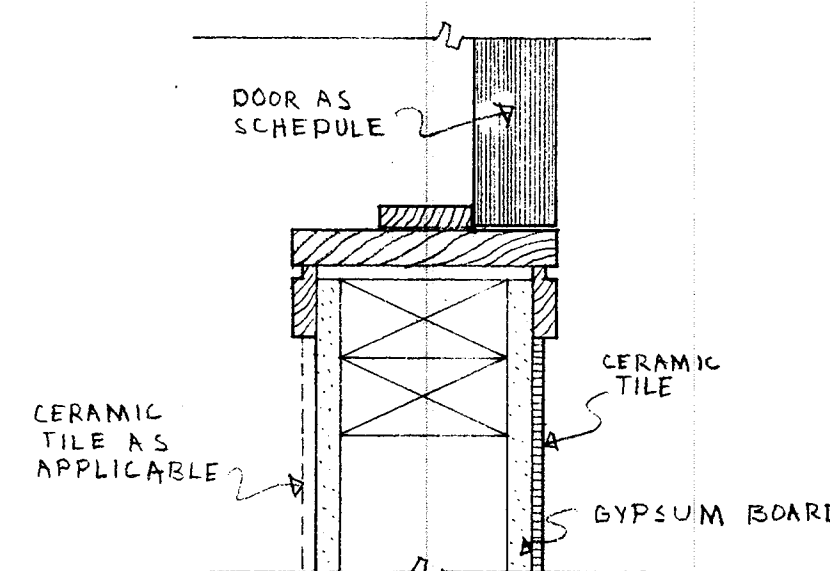
5 DOOR JAMB



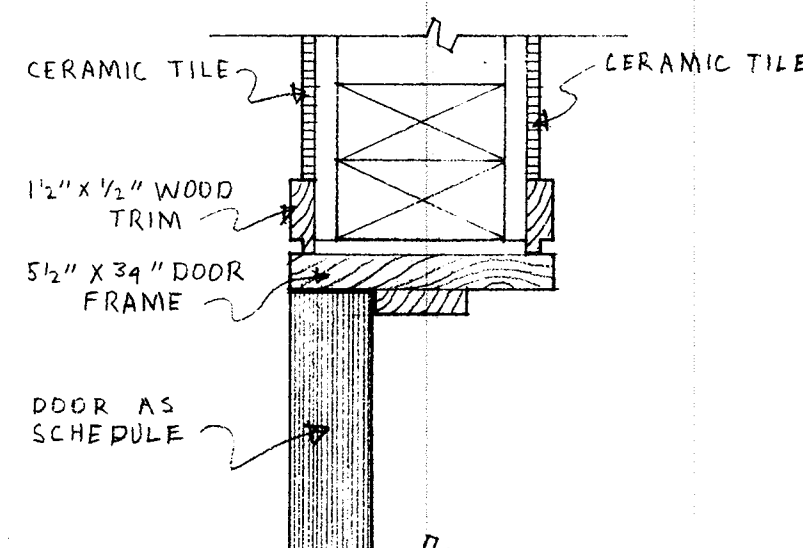
6 DOOR HEAD PANEL



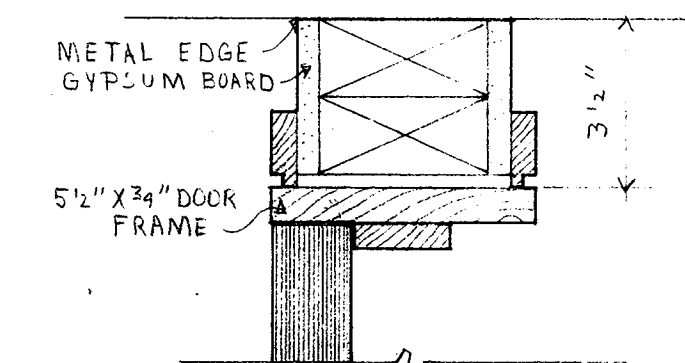
7 DOOR HEAD



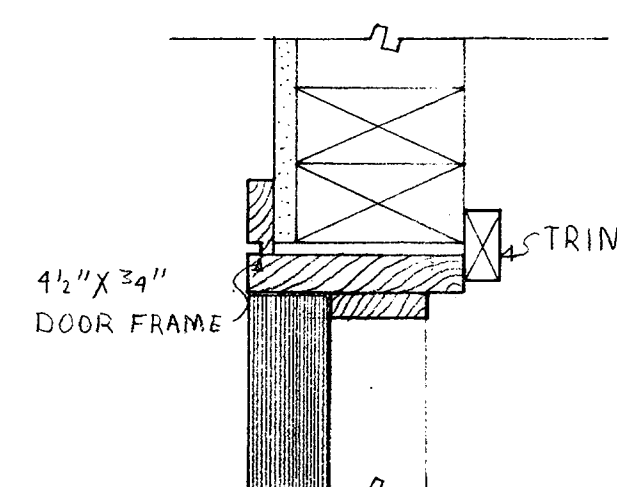
8 DOOR JAMB



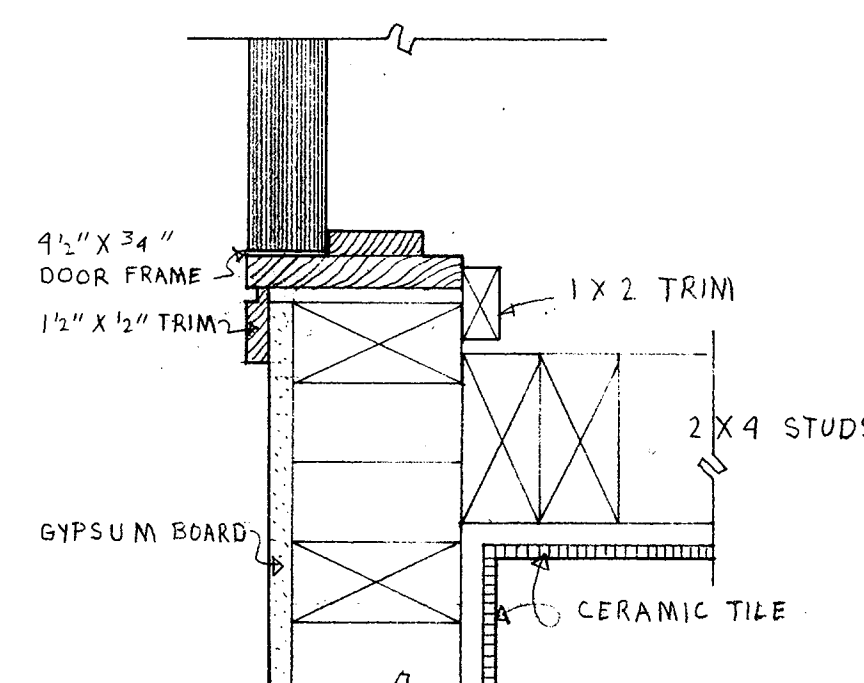
9 DOOR HEAD



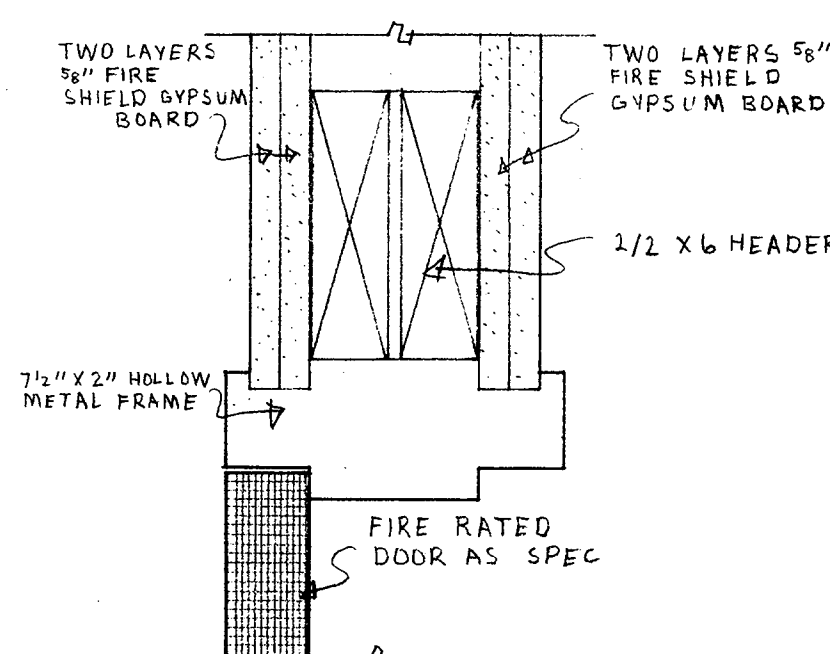
10 DOOR JAMB



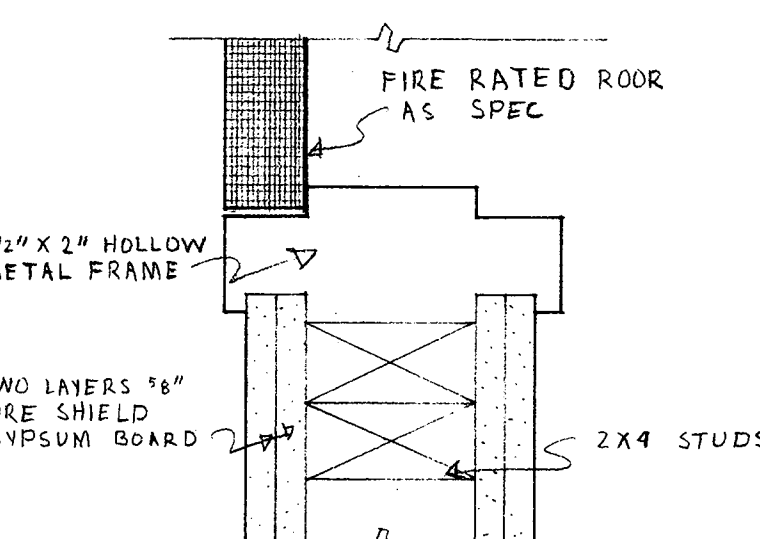
11 DOOR HEAD



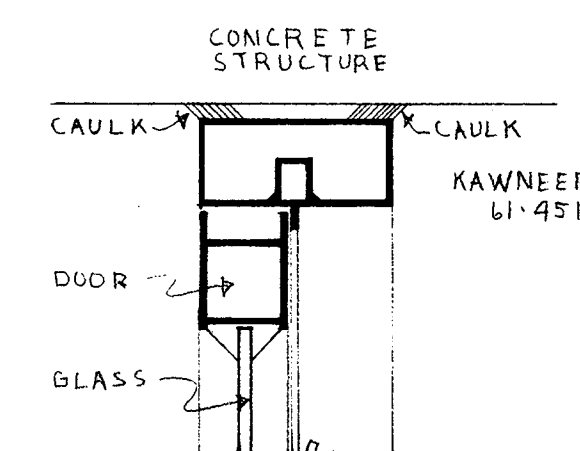
12 DOOR JAMB



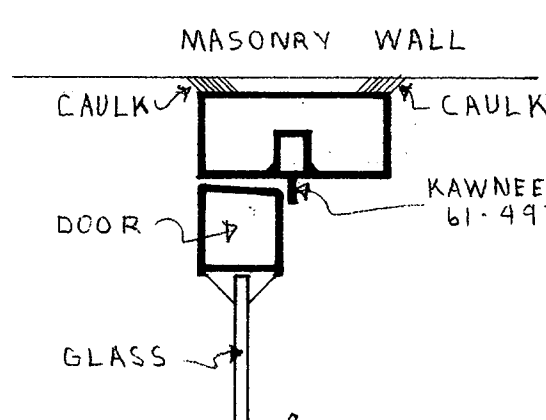
13 DOOR HEAD



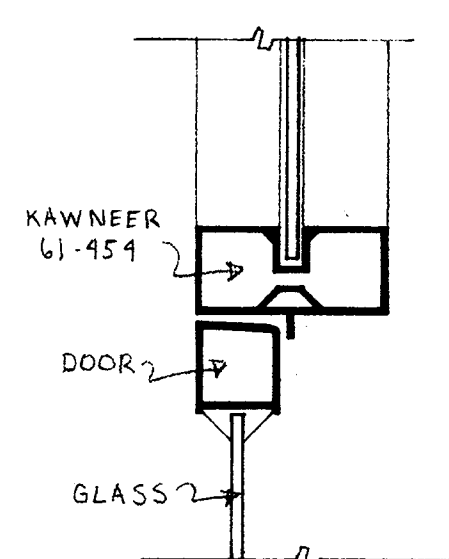
14 DOOR JAMB



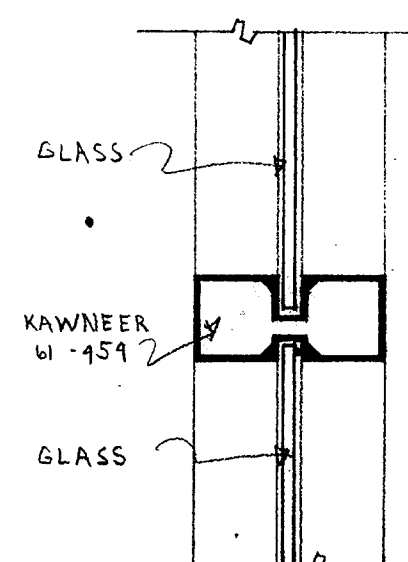
15 DOOR HEAD



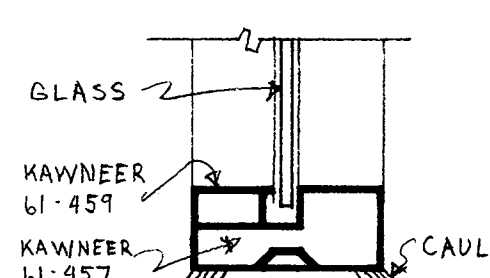
16 DOOR JAMB



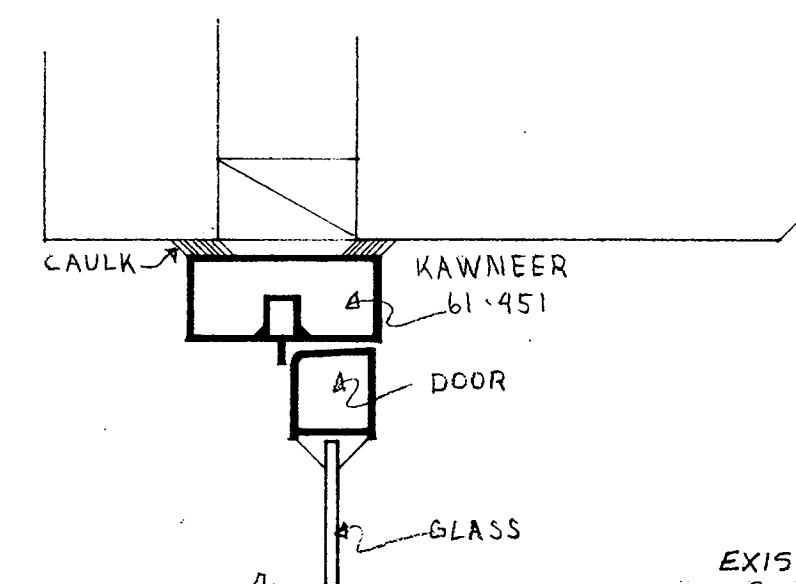
17 DOOR JAMB



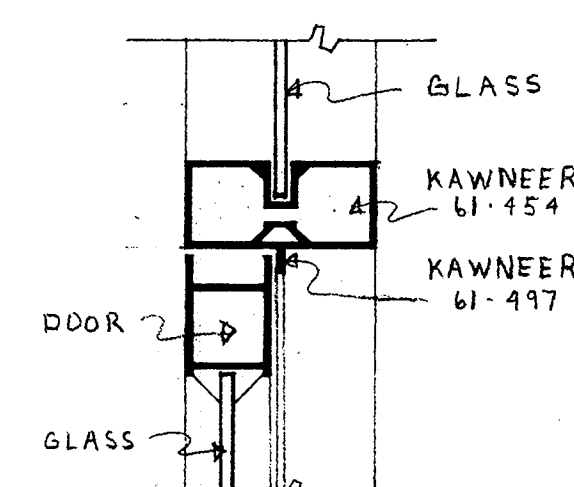
18 MULLION



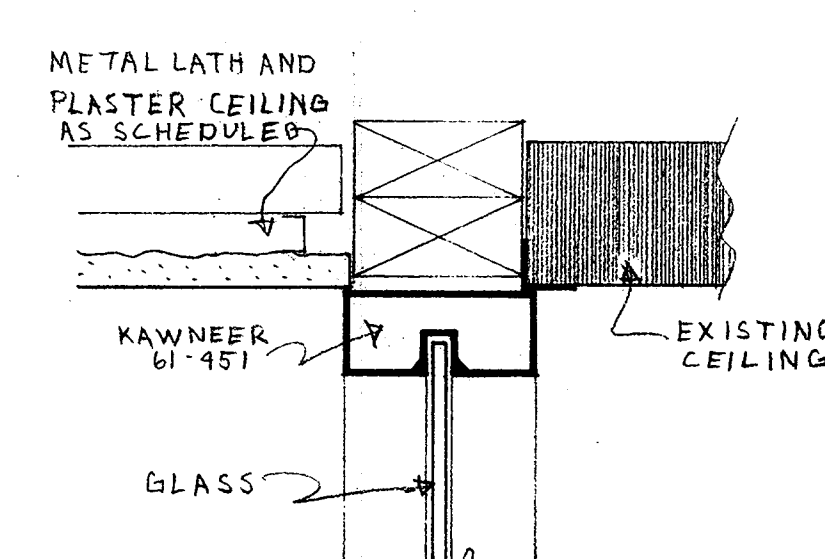
19 GLASS SILL



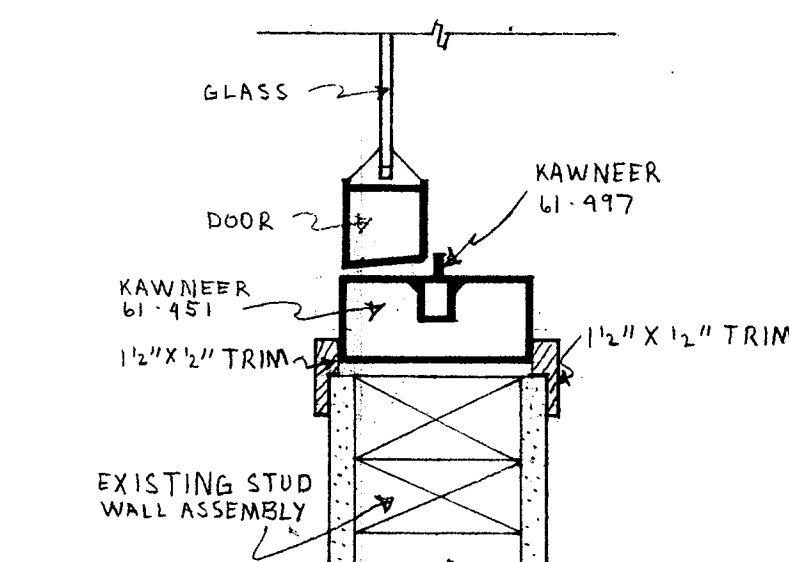
20 DOOR JAMB



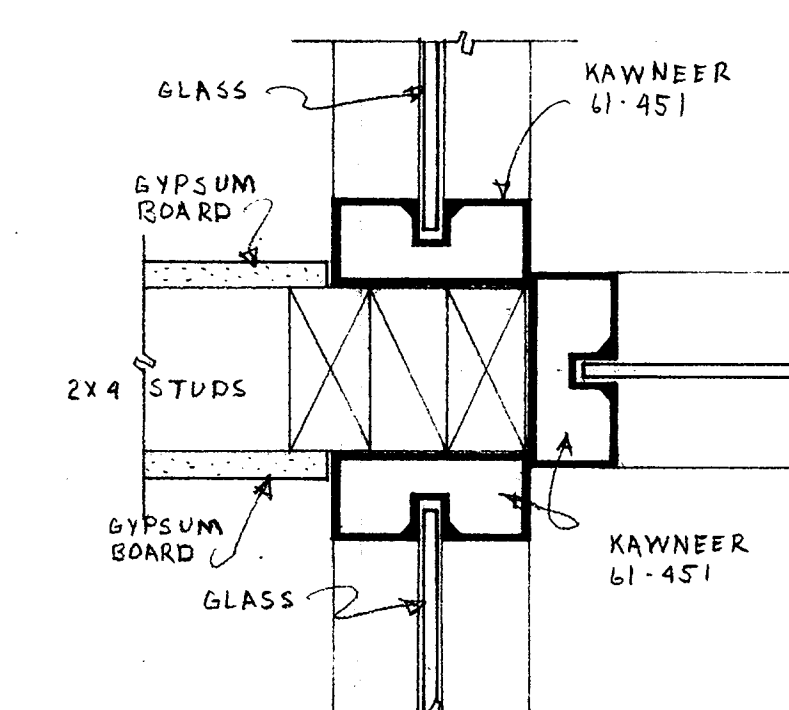
21 DOOR HEAD



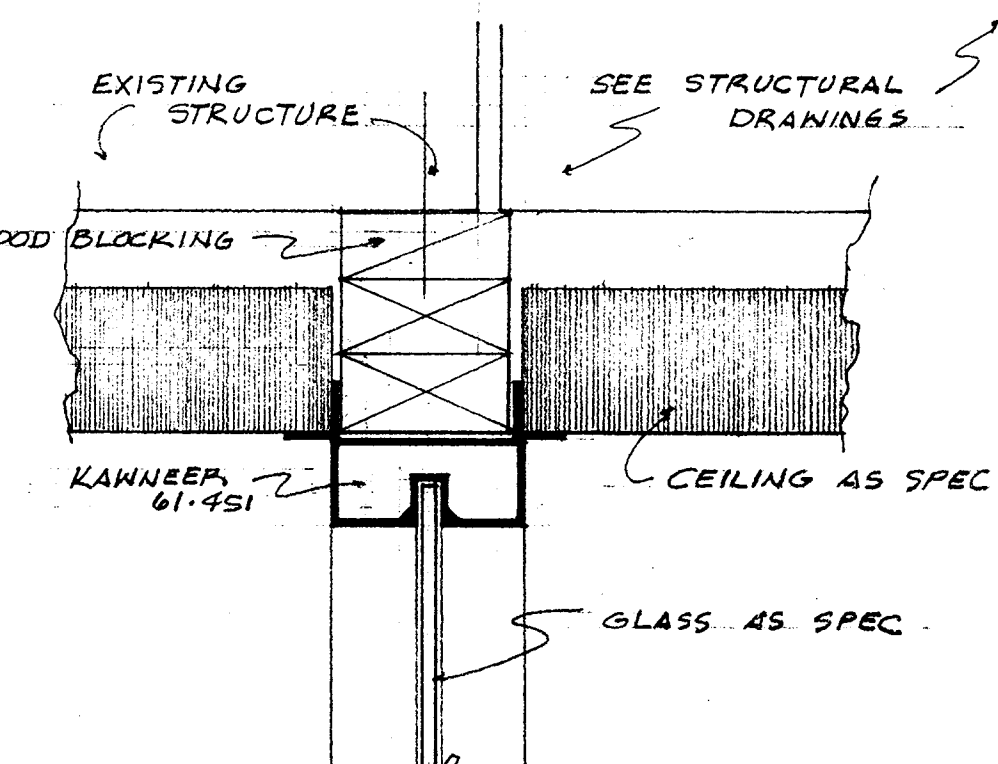
22 DOOR HEAD PANEL



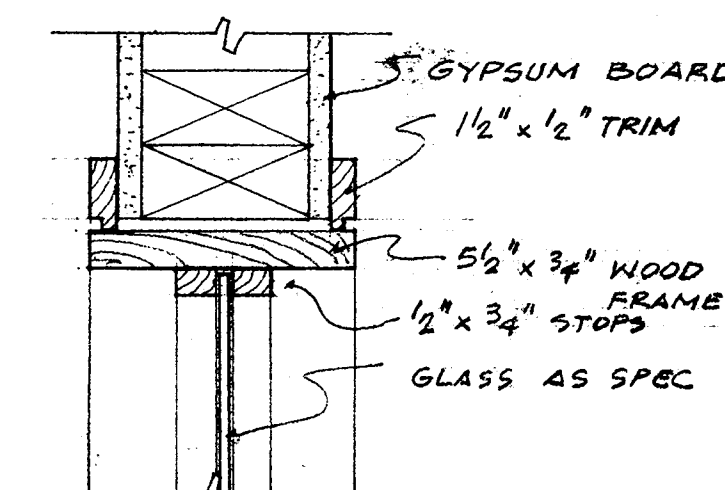
23 DOOR JAMB



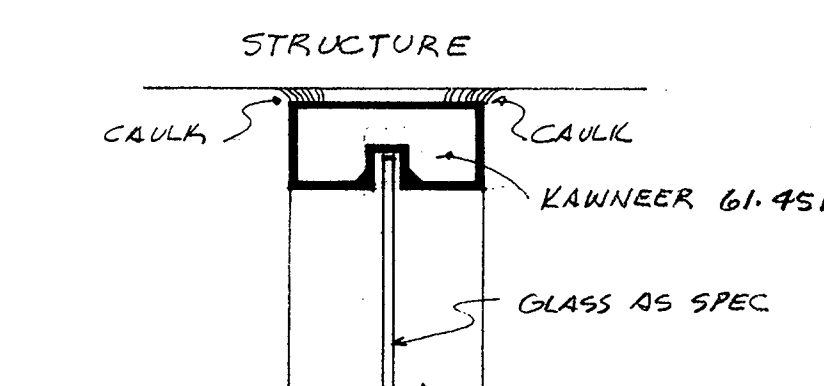
24 GLASS JAMB



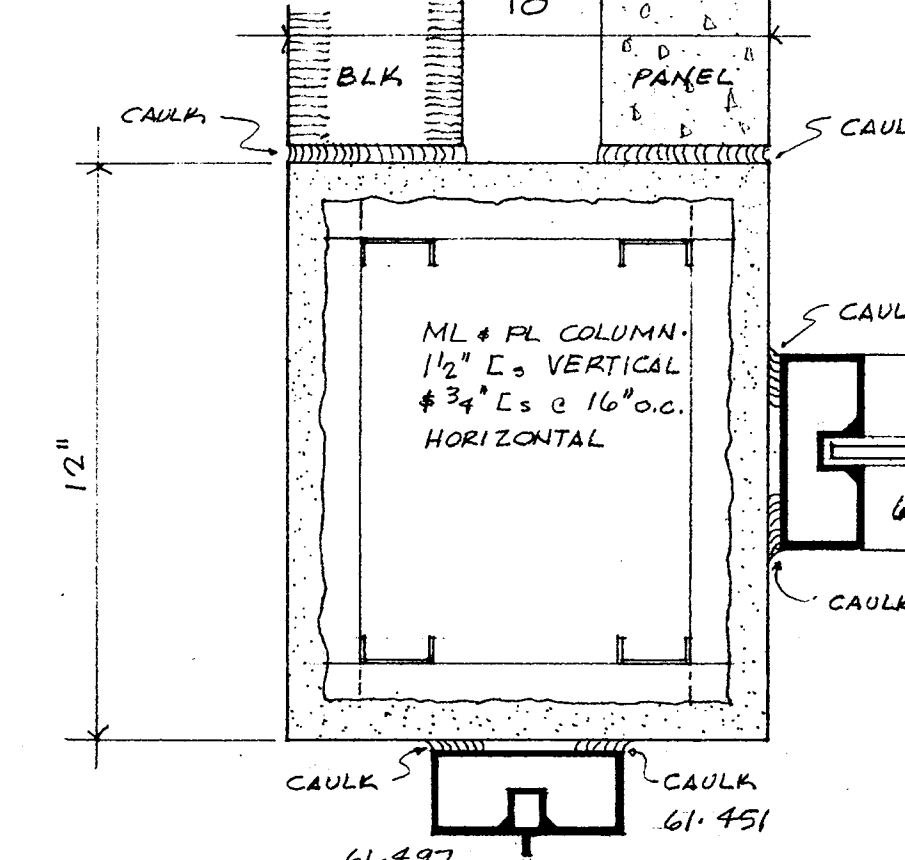
25 DOOR HEAD PANEL



26 INTERIOR GLASS DETAIL

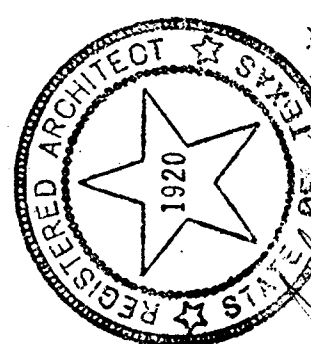


27 FIXED GLASS HEAD



28 COLUMN DETAIL @ CORR. 103

1982 ADDITIONS AND ALTERATIONS TO THE
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BROWNSVILLE, TEXAS



GAYLE D. WILHITE
ARCHITECT
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1301 LOS EBANOS BOULEVARD, UNIT A
BROWNSVILLE, TEXAS 77820

DRAWN BY EDW

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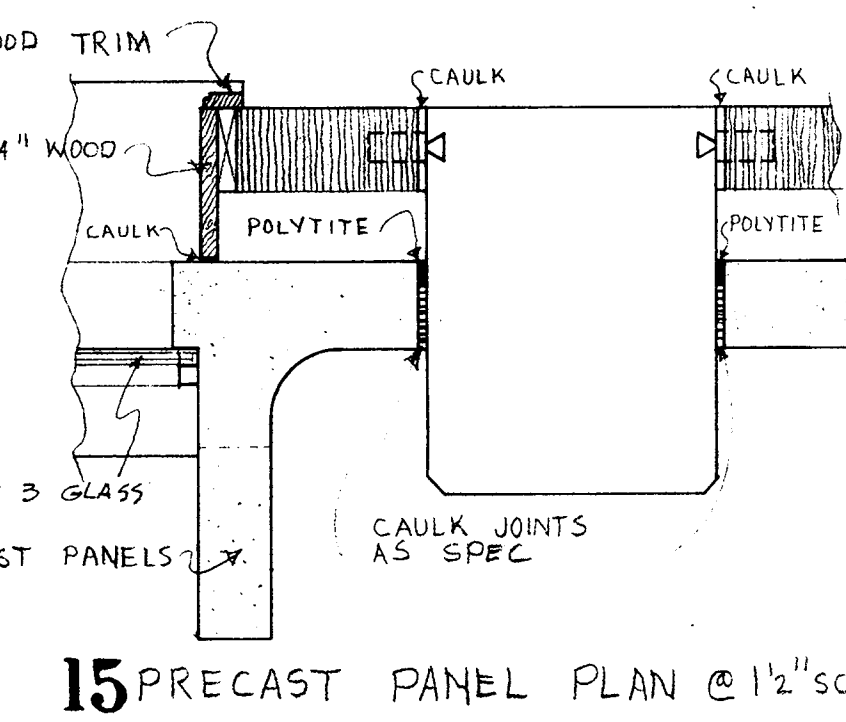
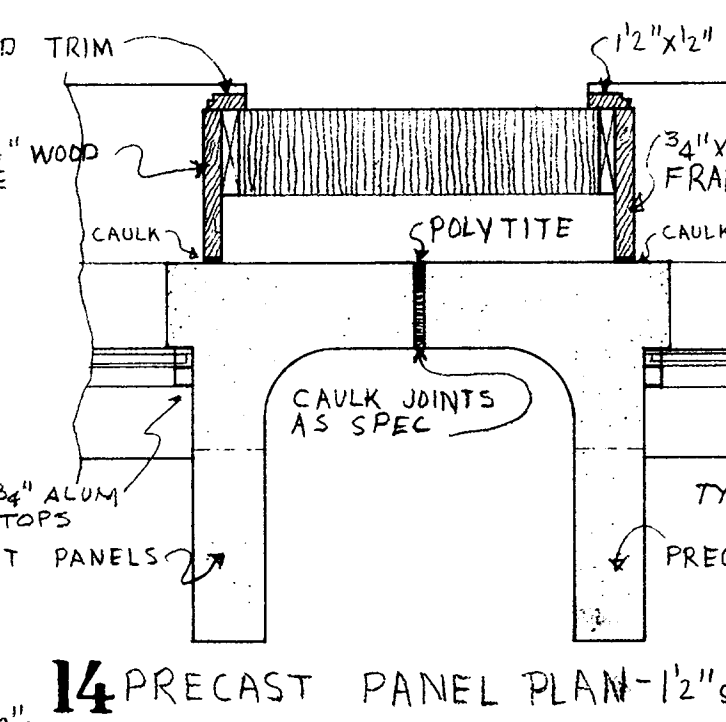
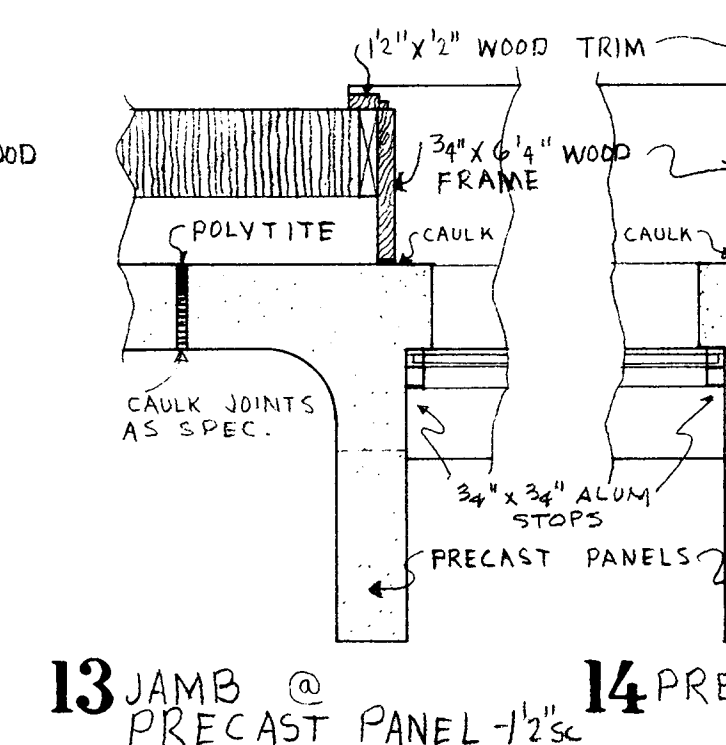
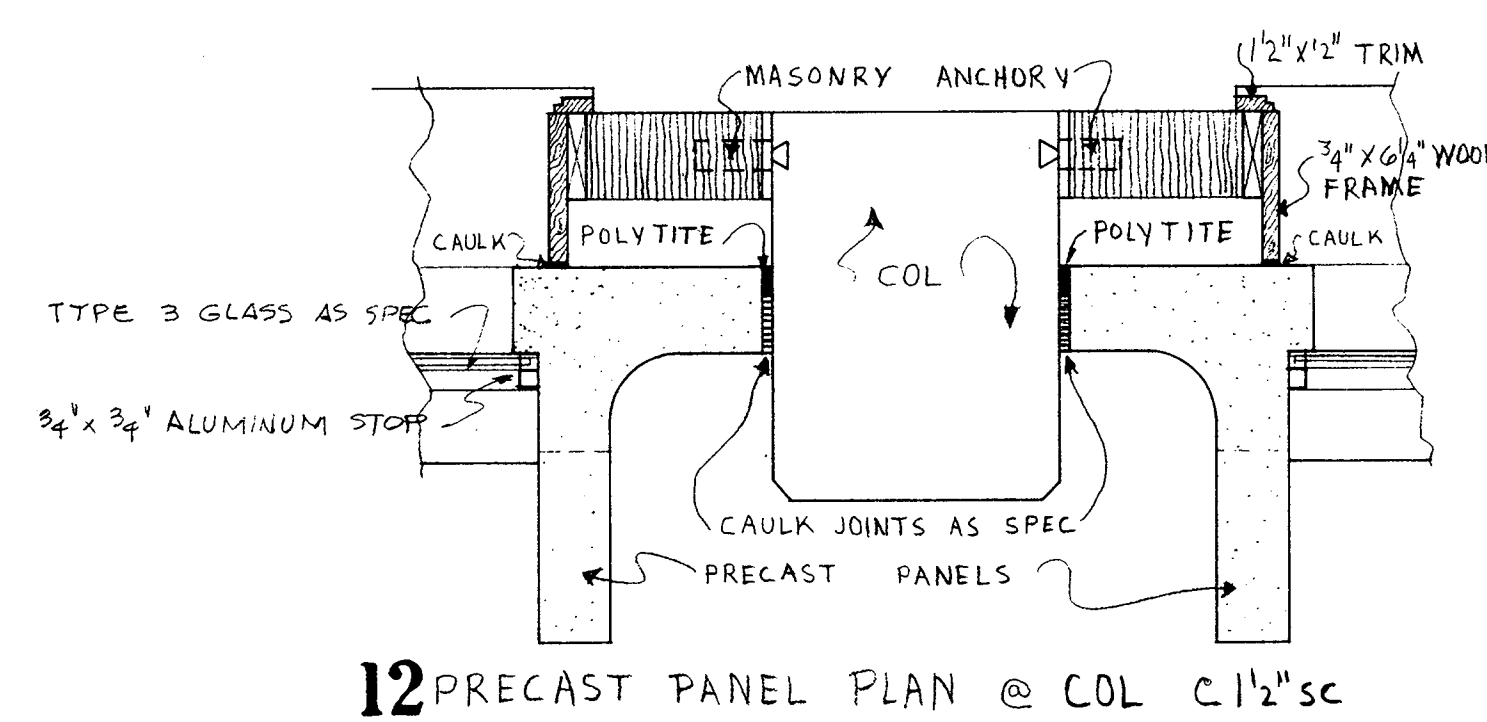
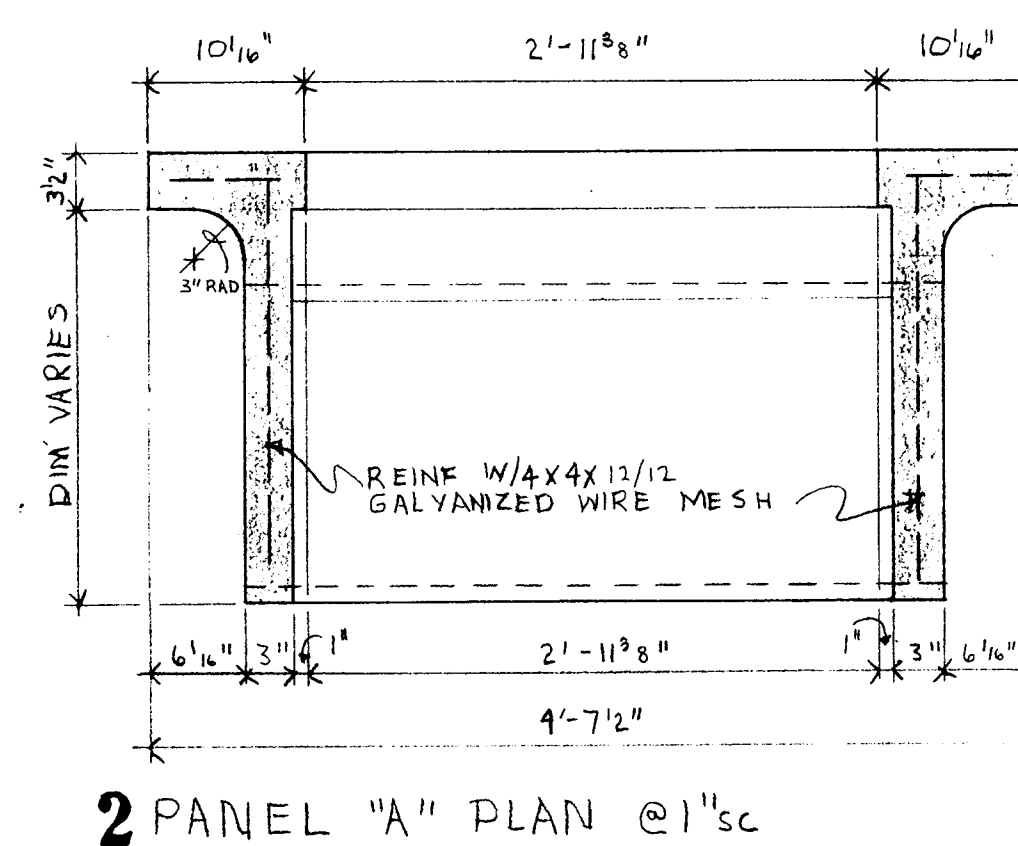
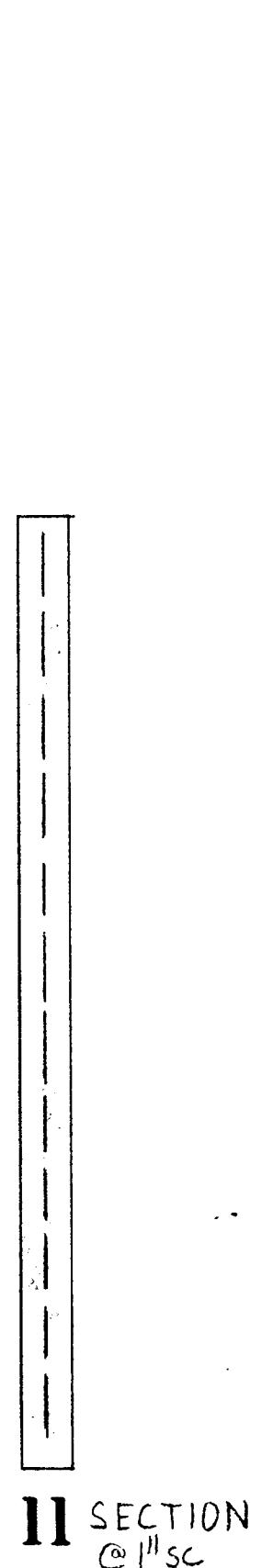
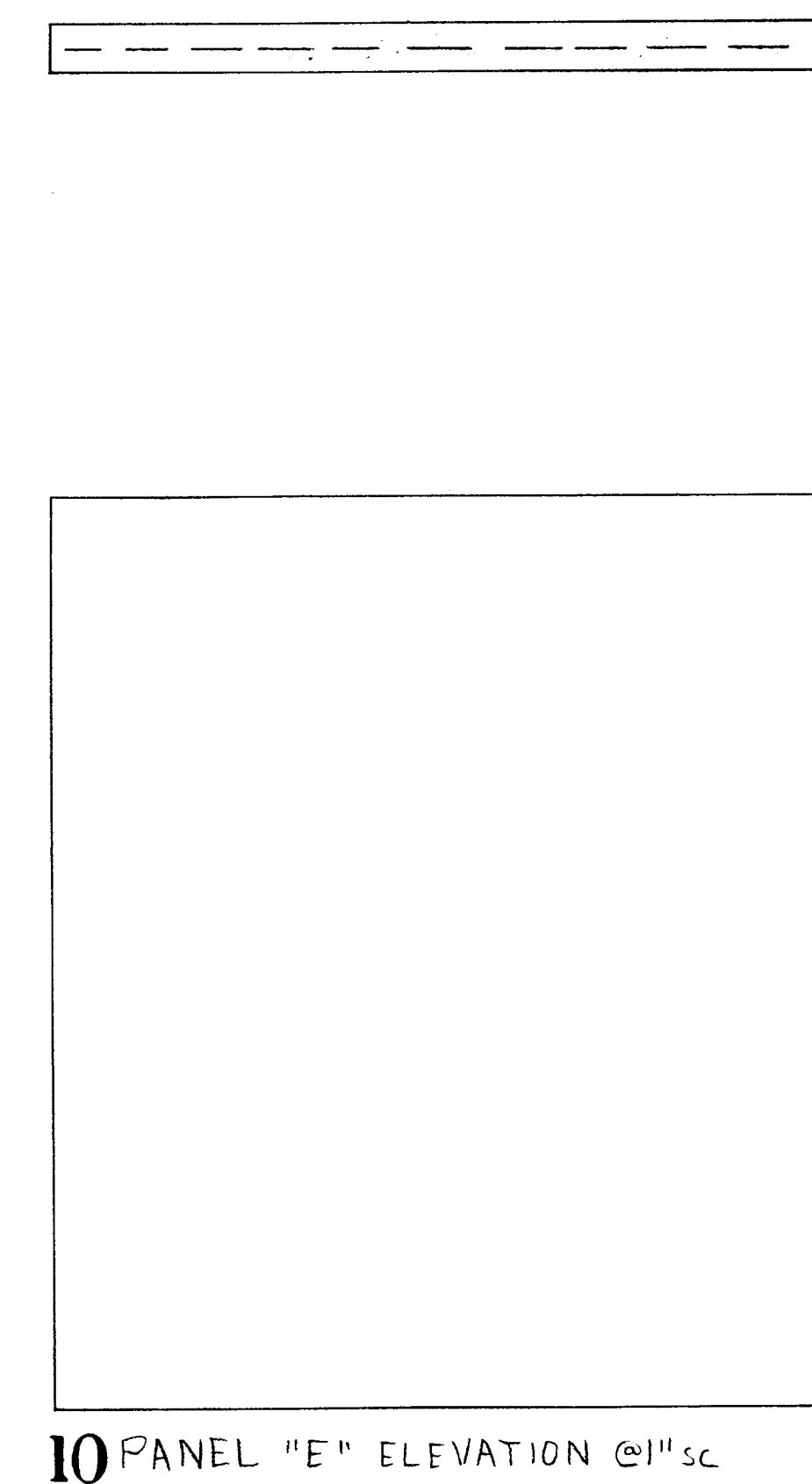
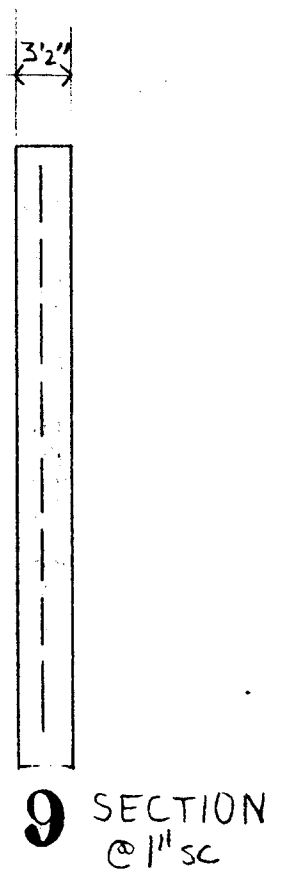
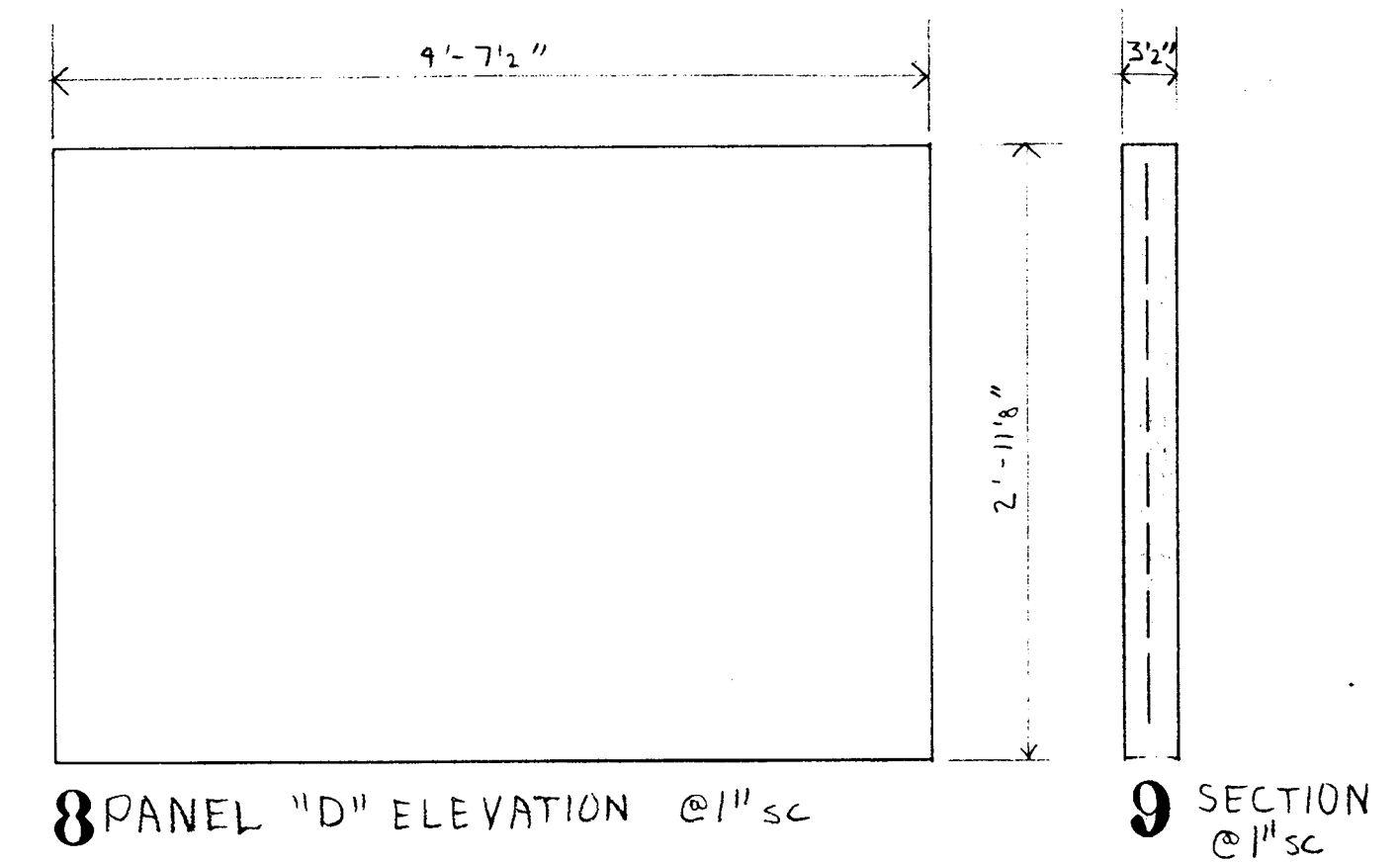
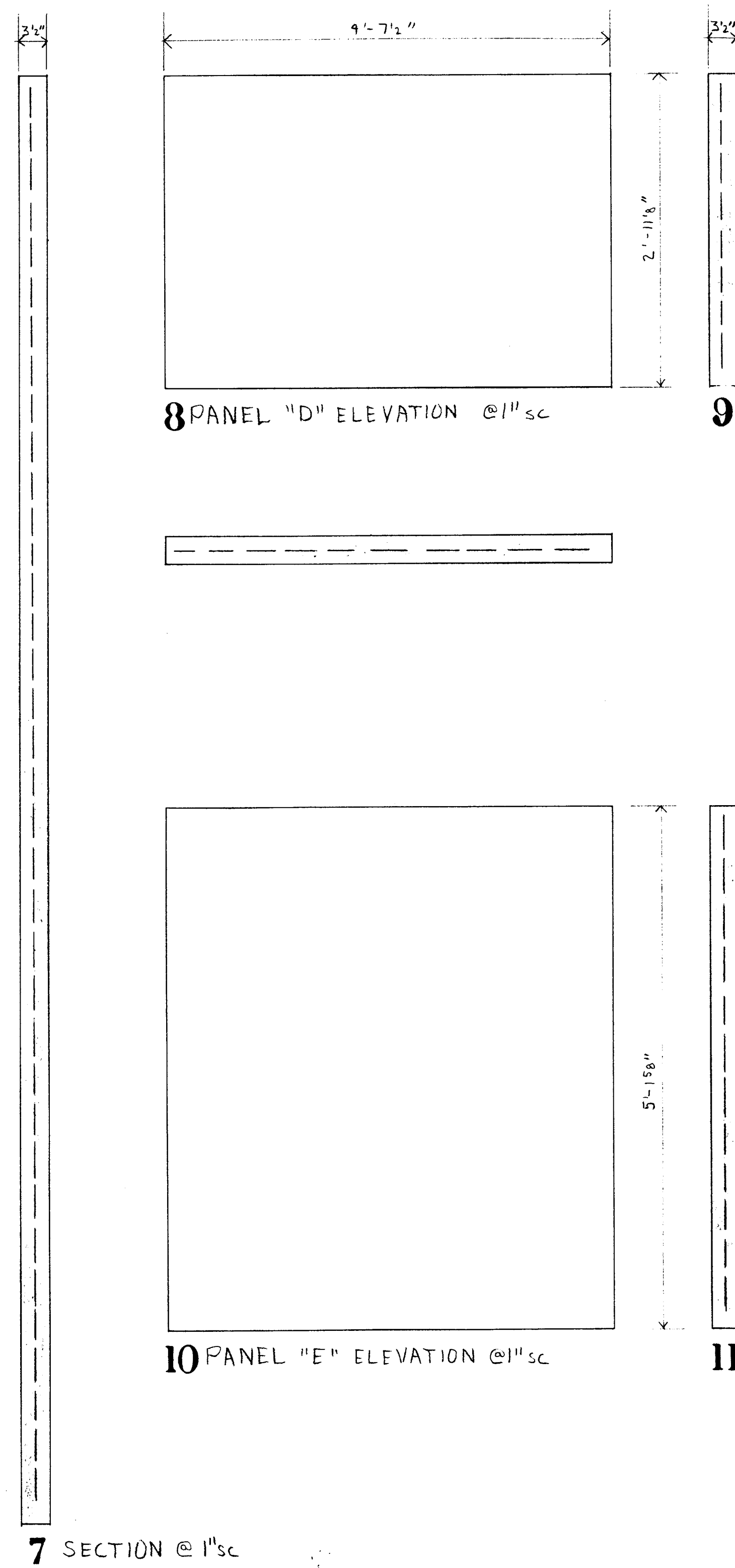
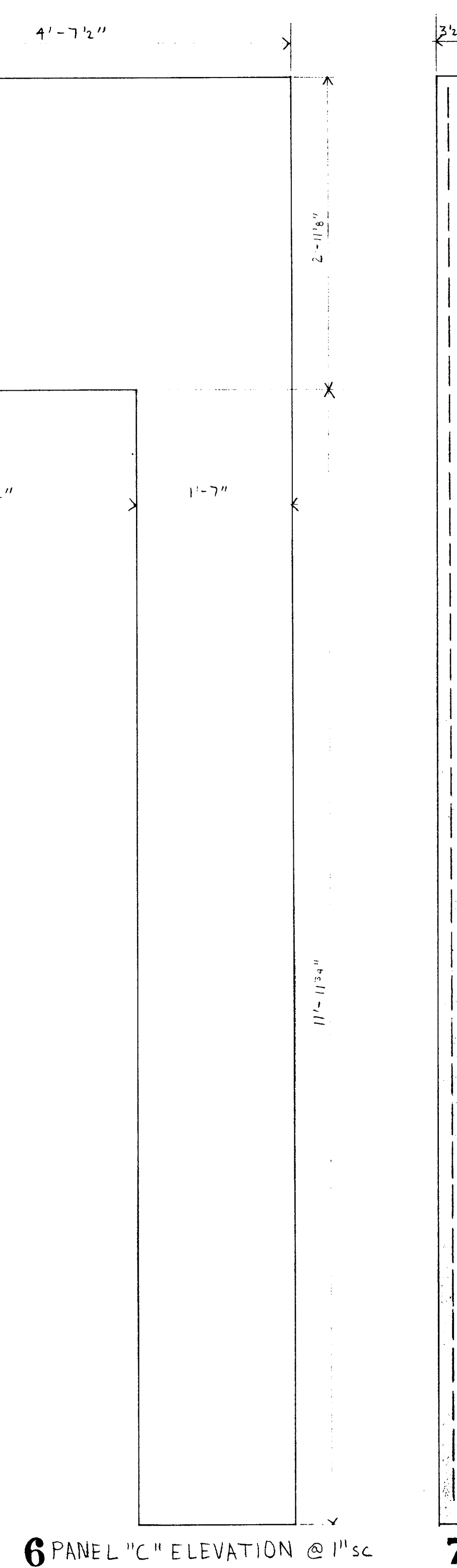
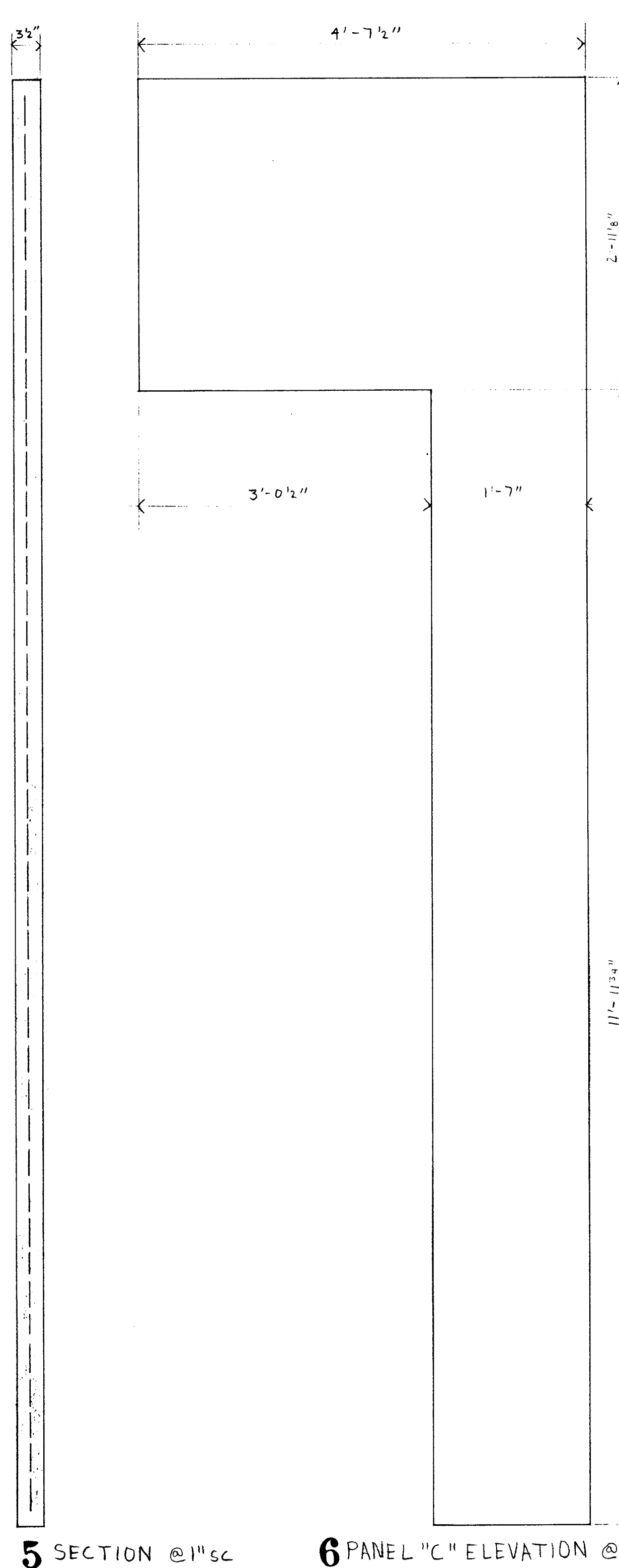
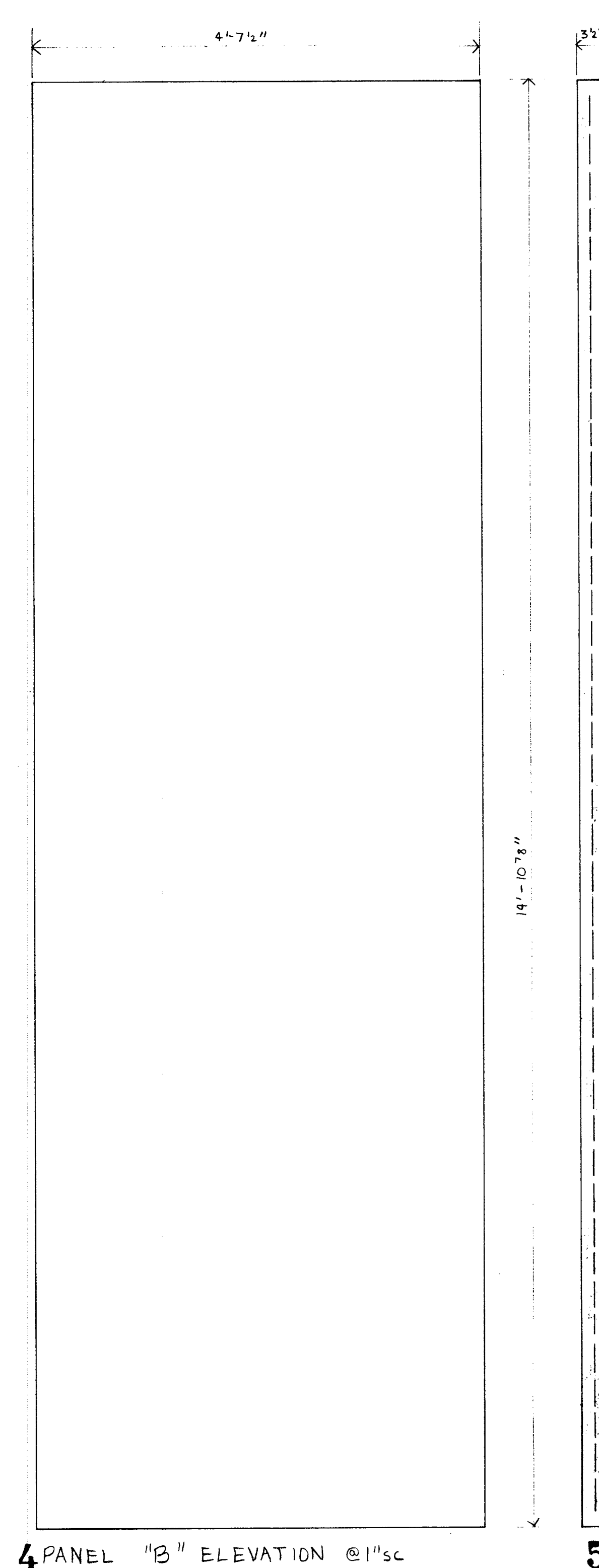
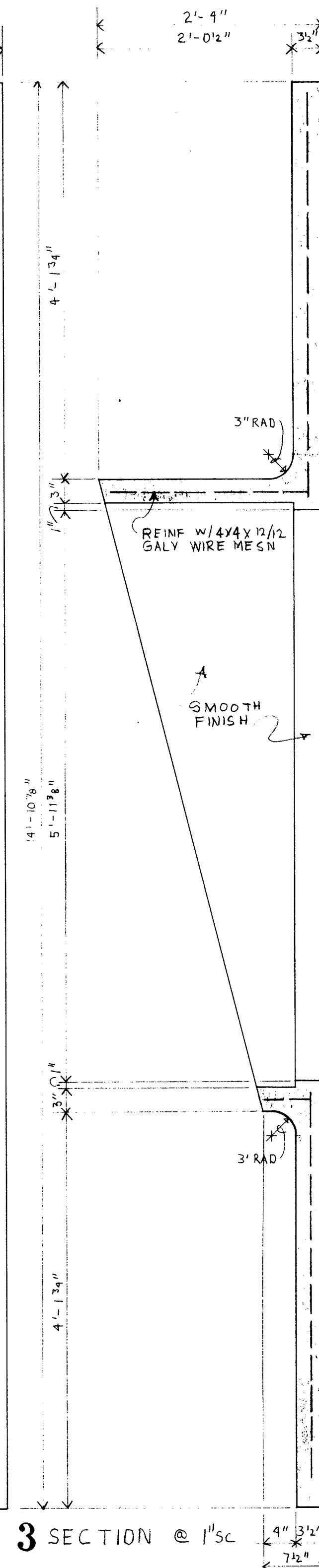
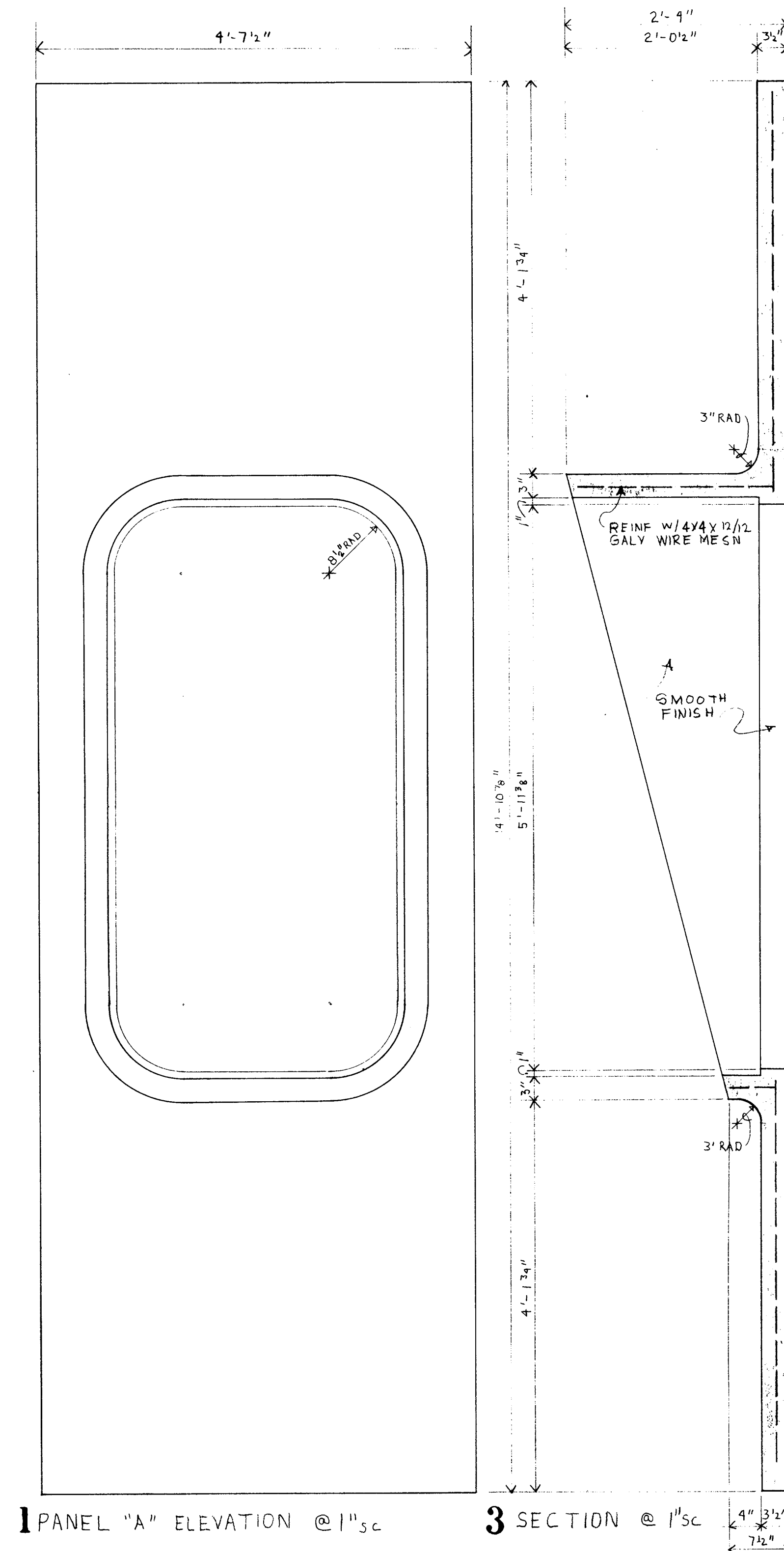
COMMISSION # 8102

SHEET **A8**

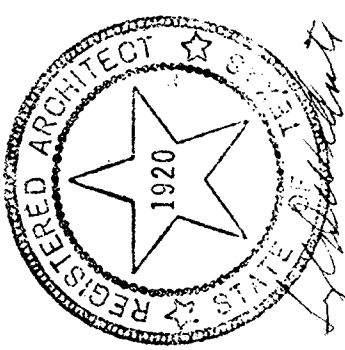
OF 9

DATE 5-3-82

DETAILS - 3" sc



1982 ADDITIONS AND ALTERATIONS TO THE
OFFICE BUILDING COMPLEX
OF THE BROWNSVILLE NAVIGATION DISTRICT
BROWNSVILLE, TEXAS



GAYLE D. WILHITE
ARCHITECT
PLANNER

301 LOS EBANOS BOULEVARD, UNIT A
BROWNSVILLE, TEXAS 77850

DRAWN BY GDW

REVISIONS

COMMISSION G 8102

SHEET A9

OF 9

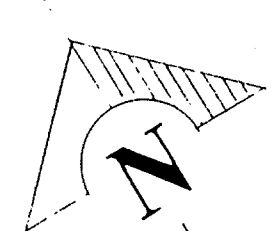
DATE	5-3-82
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PRECAST PANELS & DETAILS

1982 ADDITIONS AND ALTERATIONS TO THE
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 OF THE BROWNSVILLE NAVIGATION DISTRICT
 BROWNSVILLE, TEXAS

GAYLE D. WILHITE
 ARCHITECT
 PLANNER
 1301 LOS EBANOS BOULEVARD, UNIT A
 BROWNSVILLE, TEXAS 77820

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REVISIONS	
COMMISSION	6 8102
SHEET	M1
OF	7
DATE	5-3-82



← HIGHWAY 435 TO PORT BROWNSVILLE

EXISTING SERVICE ENTRANCE
 INDEX AND SEE OF TRANSFORMERS
 AND SERVICE DUCT

NEW 3/4" SERVICE TO EXISTING BUILDING
 3- #3/0 IN 2" PVC CONDUIT

NEW 1/2" SERVICE TO EXISTING BUILDING
 TWO - 2" PVC CONDUIT WITH 3- #3/0 DATA

NEW 3/4" SERVICE TO NEW BUILDING; 3- #3/0 IN 2" PVC CONDUIT.

NEW 1/2" SERVICE TO NEW BUILDING; 3- #3524 IN 3" PVC CONDUIT.

EXISTING BUILDING

NEW BUILDING

NEW 2" PVC TELEPHONE BOARD IN ELECTRICAL MECHANICAL ROOM

1" PVC SOUND RISE AND
 2" EMPTY RISE IN
 ELECTRICAL MECHANICAL ROOM

NEW 1/2" WATER
 SEE SHEET M-2

ONE 1" SOUND CONDUIT, PVC AND
 ONE 2" EMPTY PVC CONDUIT
 RUN BETWEEN BUILDINGS

2" PVC TELEPHONE CONDUIT
 RUN BETWEEN BUILDINGS

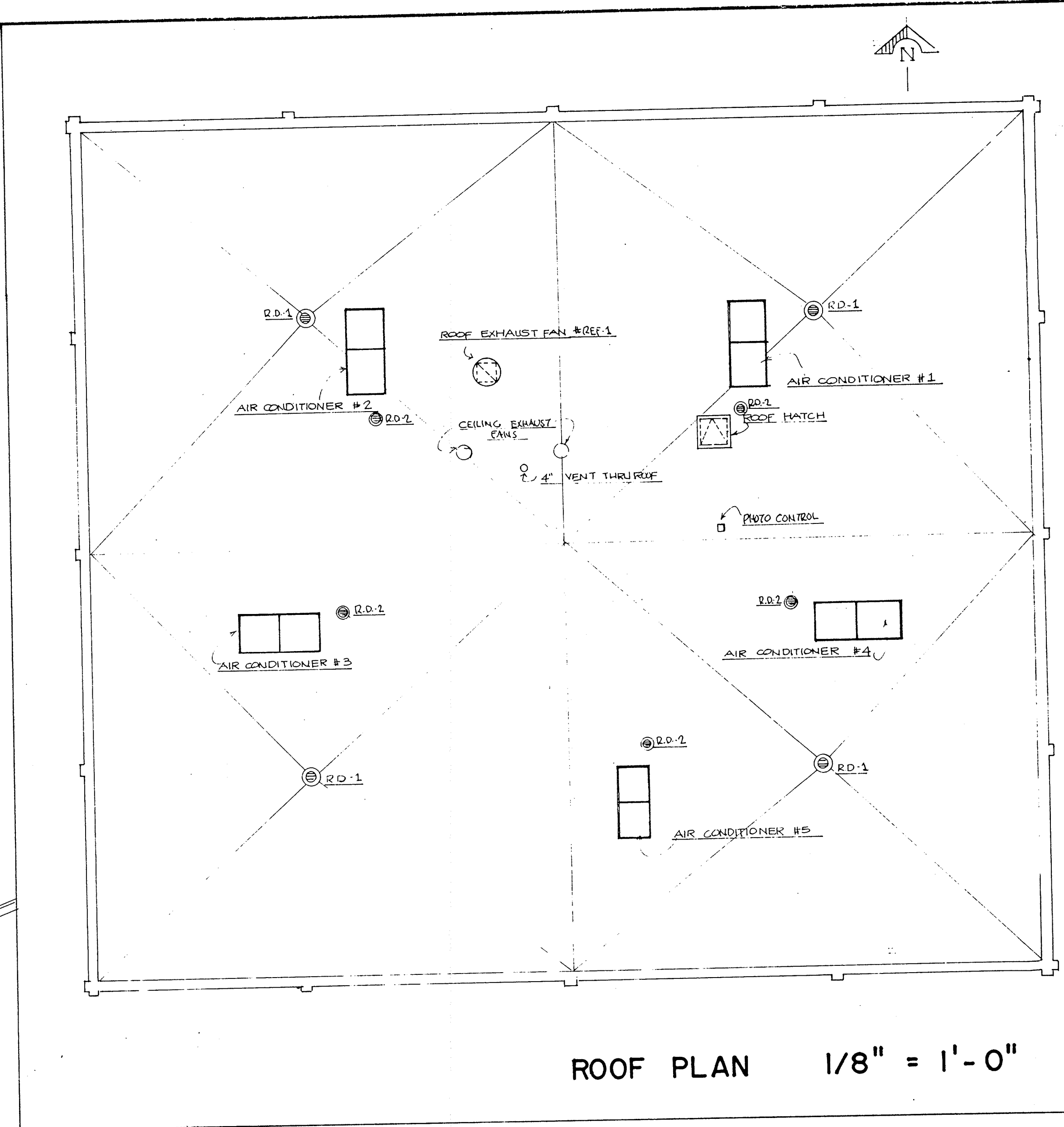
NEW 4" SANITARY SEWER
 RUN TO EXISTING BUILDING
 4" PVC

EXISTING HANDBAKE
 VERIFY FLOW LINE

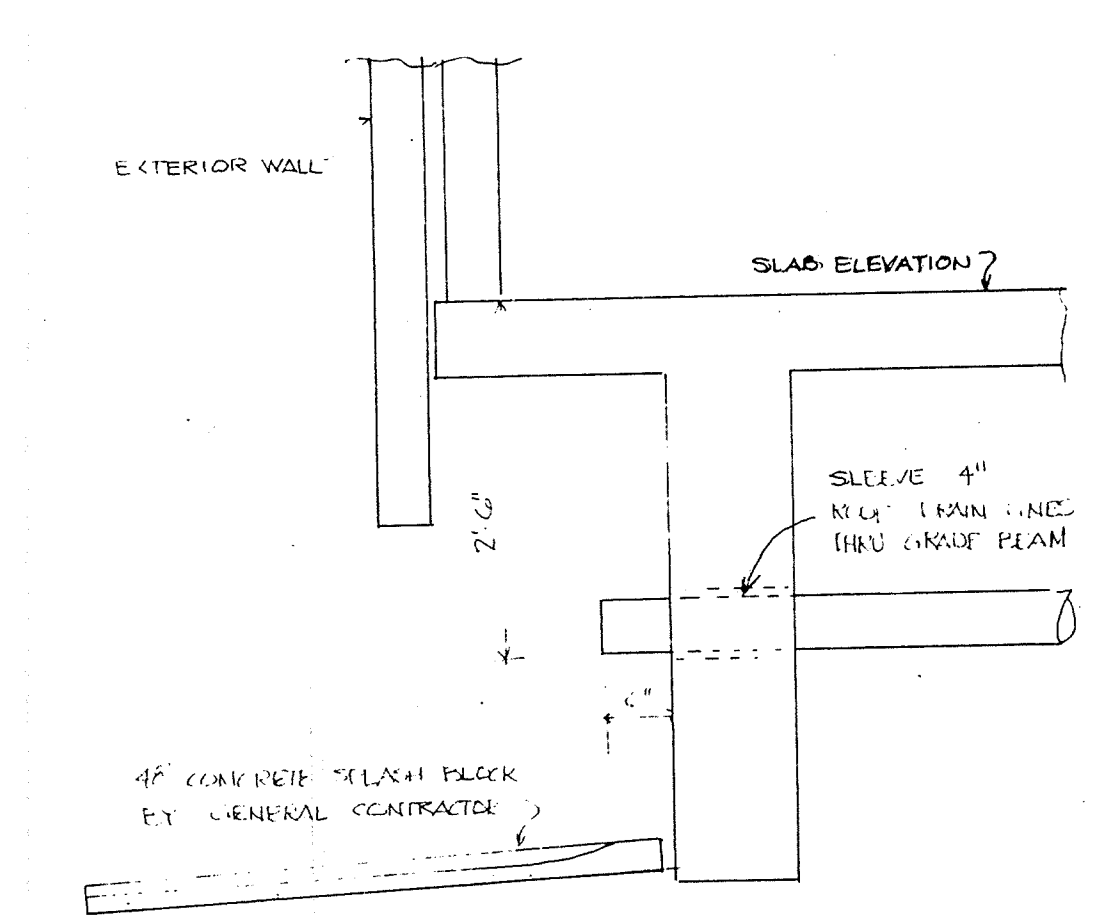
NOTE: ALL CONDUIT DEEPS
 MADE IN MECHANICAL ROOM
 NO. 11-B. SEE V.P. PLAN
 ON SHEET M-5

APPROXIMATE LOCATION OF EXISTING
 CONTRACTOR LOCATE AND STAKE LINE PRIOR
 TO DRILLING FOOTINGS.

← F.M. ROAD 511



ROOF PLAN 1/8" = 1'-0"

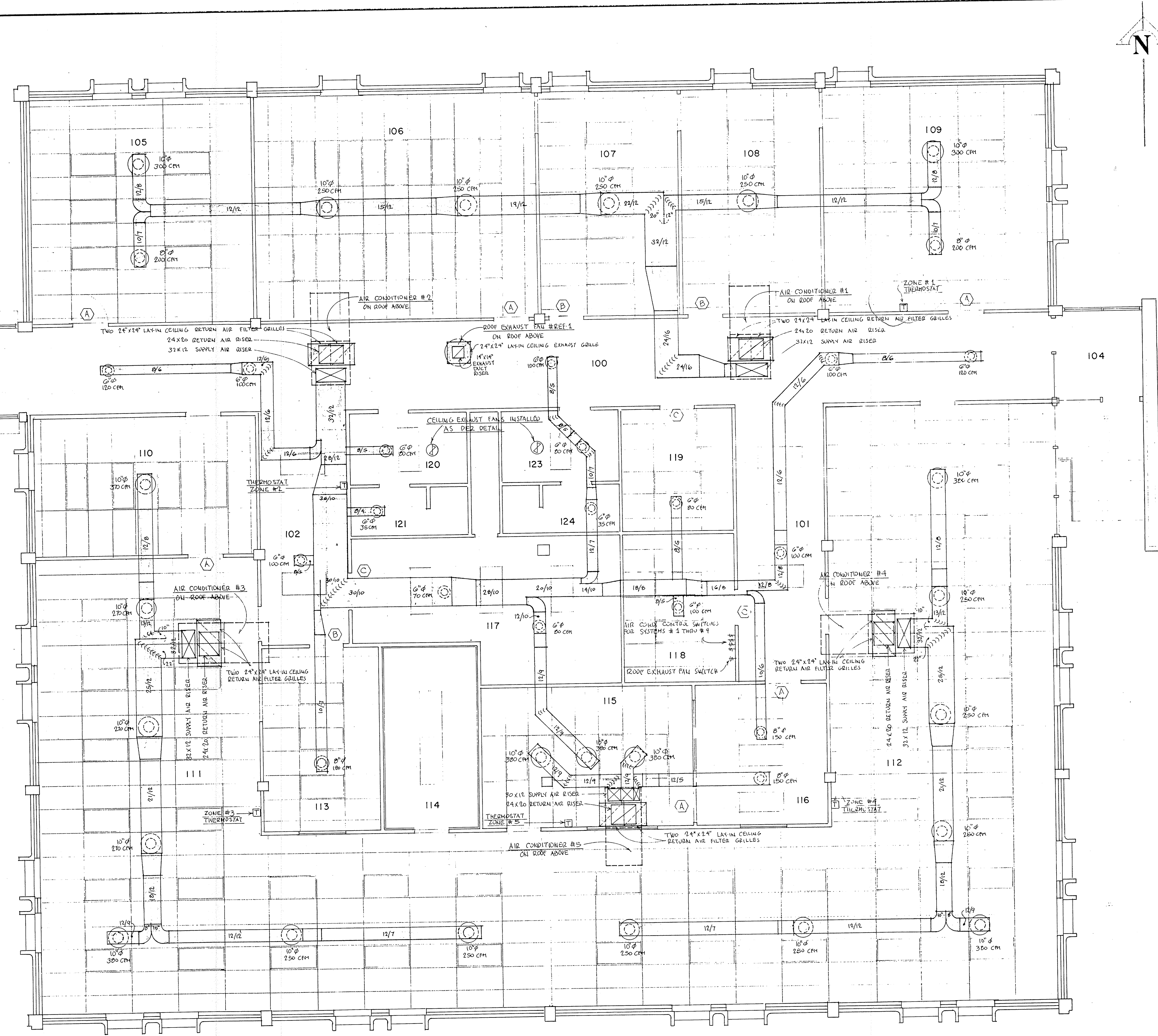


DETAIL OF ROOF DRAIN DISCHARGE 3/4" = 1'-0"

DOOR GRILLE SCHEDULE

DOOR GRILLES AS SPECIFIED SHALL BE FURNISHED BY AIR CONDITIONING CONTRACTOR, FOR INSTALLATION BY GENERAL CONTRACTOR. SIZES OF DOOR GRILLES SHALL BE AS FOLLOWS:

- (A) 24" X 24"
- (B) 24" X 18"
- (C) 24" X 12"



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GAYLE D. WILHITE

ARCHITECT

PLANNER

1301 LOS ERANOS BOULEVARD, UNIT A

BROWNSVILLE, TEXAS 77820

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LLW

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SHEET	M3
OF	7
DATE	5-3-82

AIR CONDITIONING PLAN 1/4" = 1'-0"

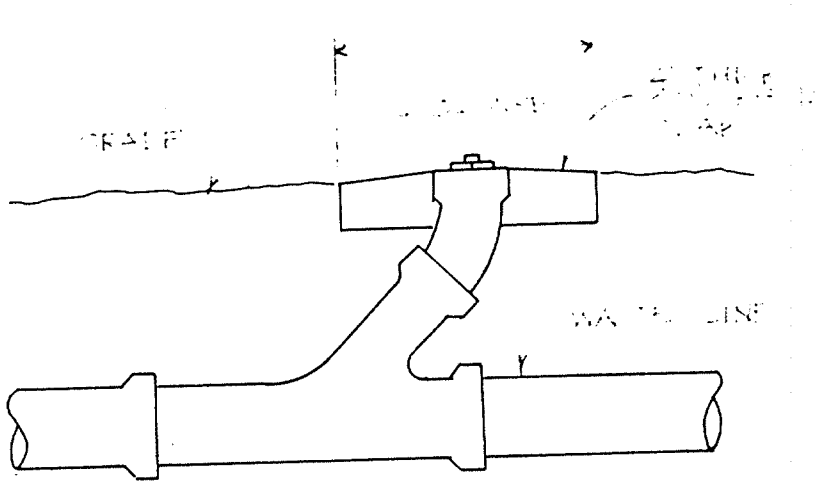
PLUMBING FIXTURE SCHEDULE					
MARK	FIXTURE DESCRIPTION	RANGE IN PIPE SIZING			
		C.W.	H.W.	WATER	VENT
P1	WATER CLOSET FLUSH VALVE FLOOR MOUNTED	1"		4"	2"
P2	URINAL WALL HUNG	3/4"		2"	1 1/2"
P3	LAVATORY COUNTER TOP	1/2"	1/2"	2"	1 1/4"
P4	SERVICE SINK WITH 18" TRAY STANDARD	1/2"	1/2"	3"	1 1/2"
P5	SHOWER FLOORING AND SHOWER DRAIN	1/2"	1/2"	2"	
P6	ELECTRIC WATER COOLER WHEEL CHAIR WALL MOUNTED	1/2"		2"	1 1/4"
WH	ELECTRIC WATER HEATER, 30 GALLON	3/4"	3/4"		

PLUMBING LEGEND	
	WATER CLOSET
	URINAL
	LAVATORY
	SERVICE SINK
	SHOWER
	ELECTRIC WATER COOLER
	ELECTRIC WATER HEATER
	ROOF DRAIN
	AIR CONDITIONING UNIT
	EXHAUST FAN

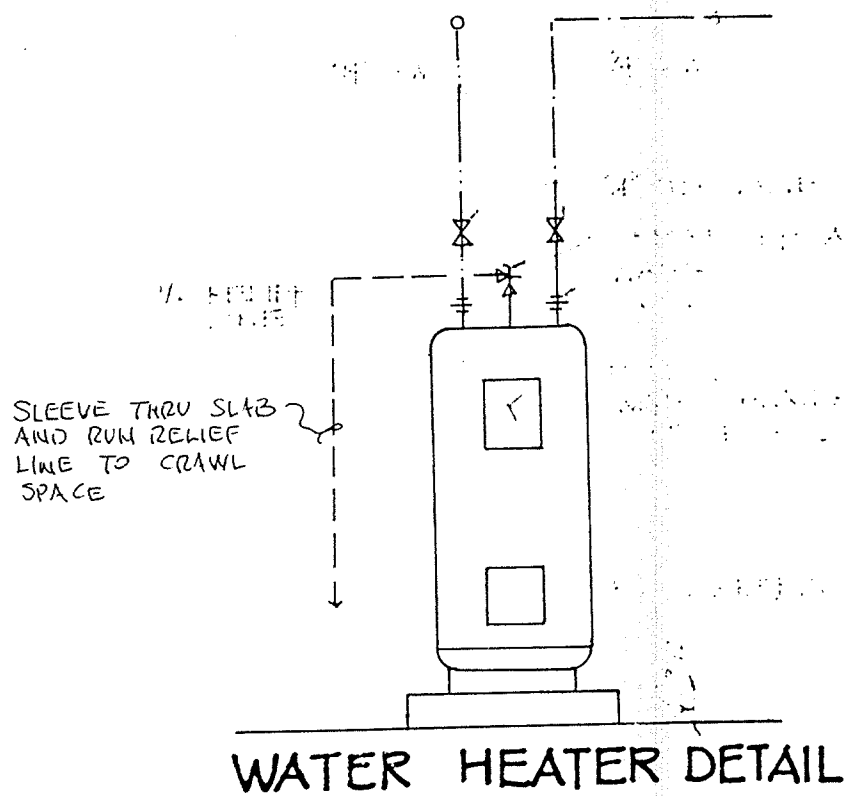
SELF CONTAINED ROOFTOP AIRCONDITIONER SCHEDULE										
AIR CONDITIONER	MODEL	SEER	BTU/H	WATT	WATER	VENT	WATER	VENT	WATER	VENT
#1	50,000 BTU/H	12.0	50,000	1,500	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
#2	50,000 BTU/H	12.0	50,000	1,500	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
#3	50,000 BTU/H	12.0	50,000	1,500	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
#4	50,000 BTU/H	12.0	50,000	1,500	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
#5	50,000 BTU/H	12.0	50,000	1,500	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"

ROOF EXHAUST FAN SCHEDULE										
FAN	MODEL	CFM	WATT	WATER	VENT	WATER	VENT	WATER	VENT	WATER
#1	10,000 CFM	10,000	1,000	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
#2	10,000 CFM	10,000	1,000	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
#3	10,000 CFM	10,000	1,000	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
#4	10,000 CFM	10,000	1,000	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
#5	10,000 CFM	10,000	1,000	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"

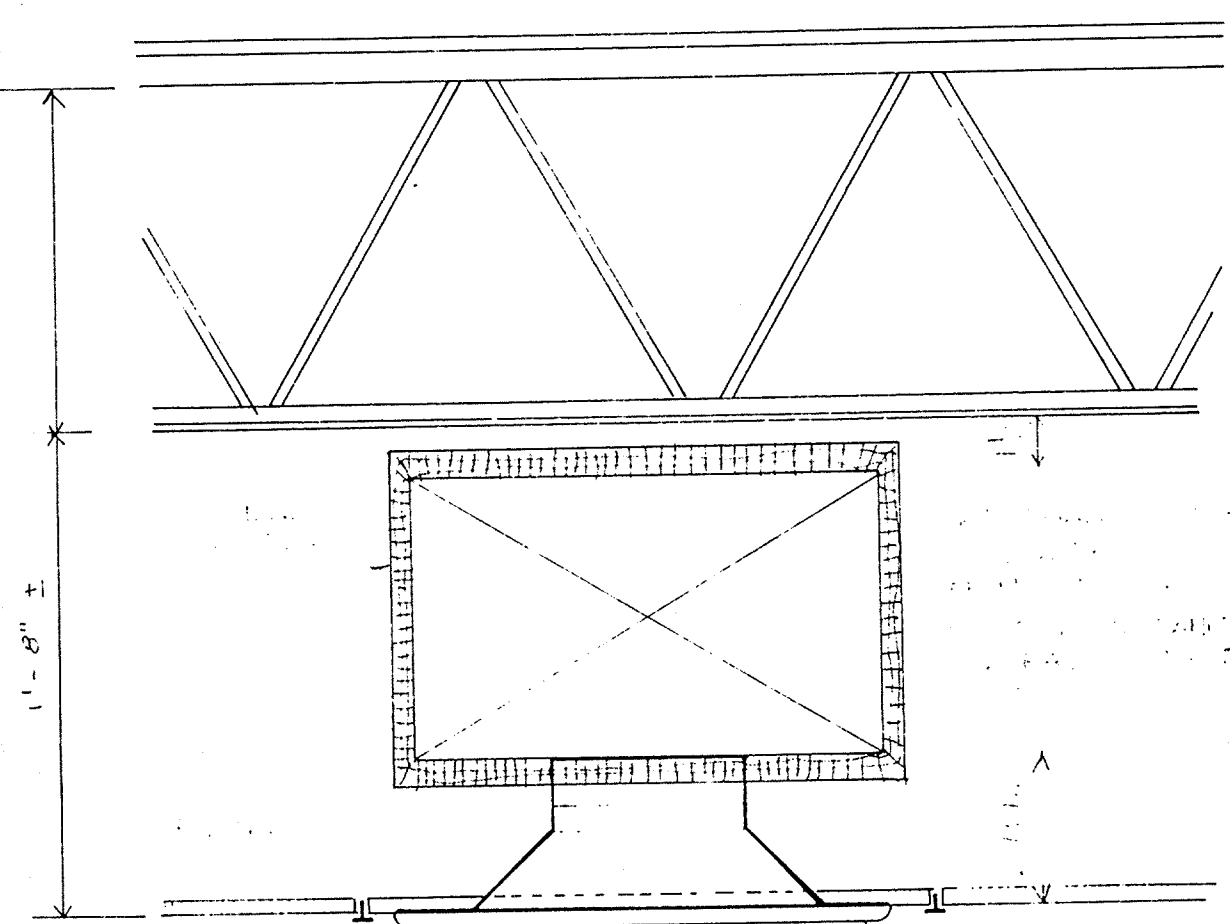
AIR DISTRIBUTION LEGEND	
	AIR CONDITIONING UNIT
	EXHAUST FAN
	WATER HEATER
	ROOF DRAIN
	AIR CONDITIONING UNIT



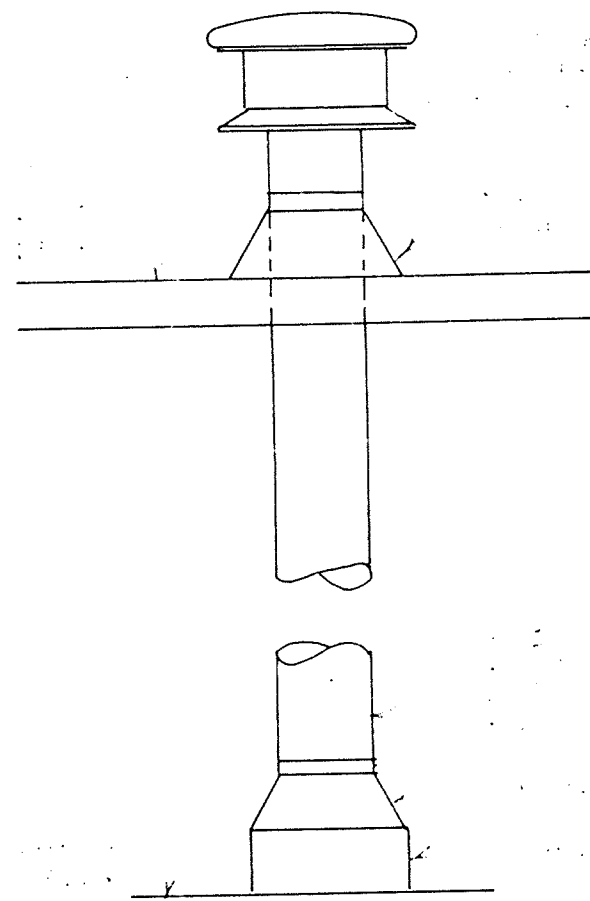
TYPICAL YARD CLEANOUT



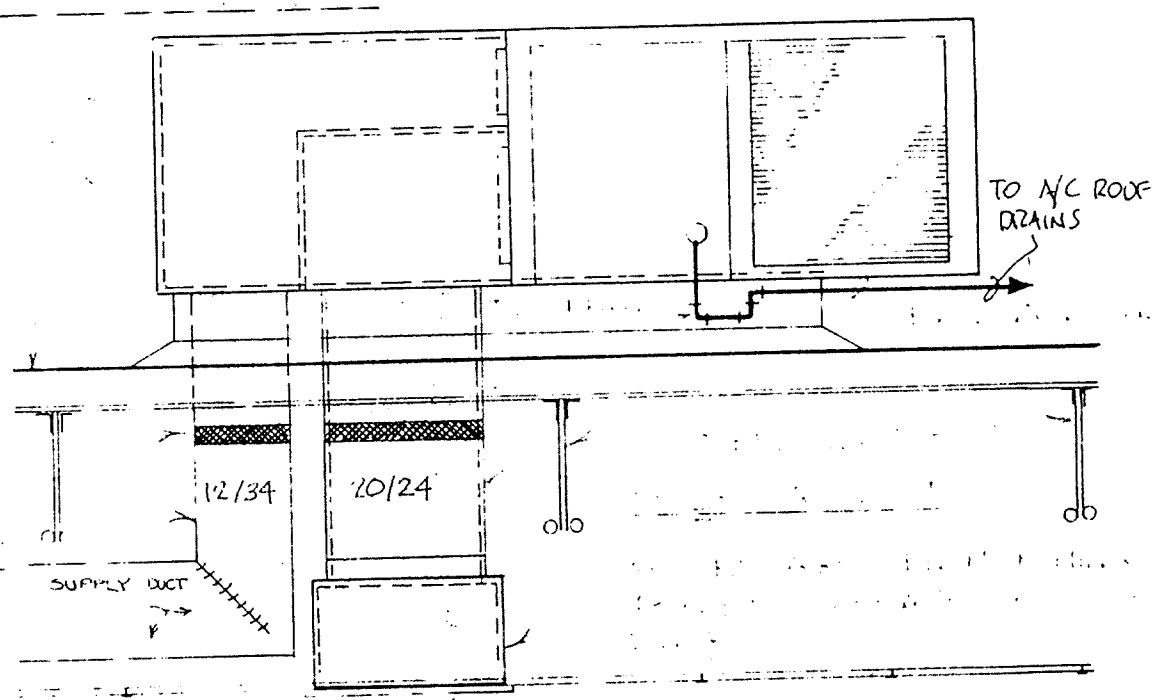
WATER HEATER DETAIL



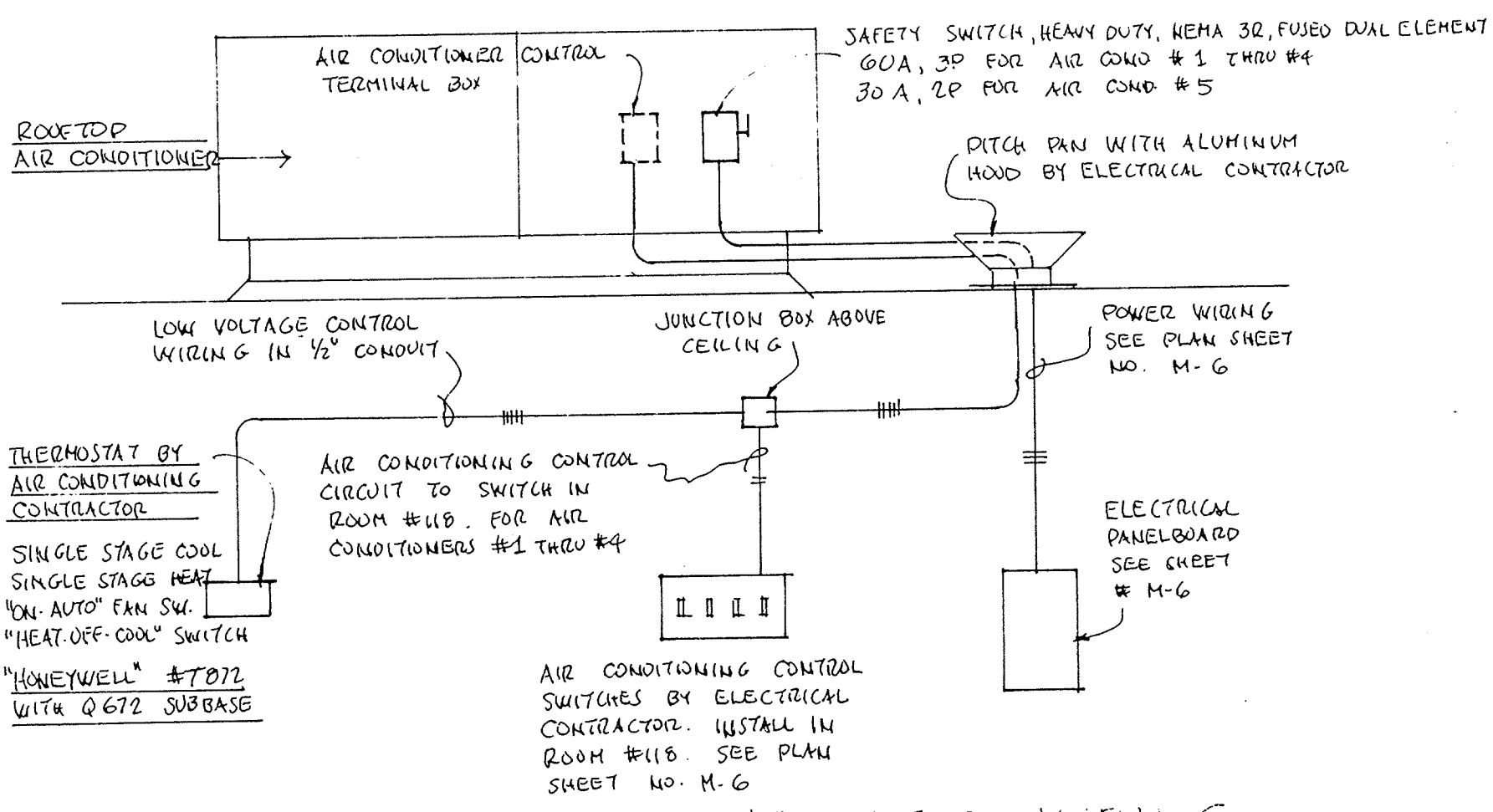
TYPICAL DUCT AND DIFFUSER DETAIL



CEILING EXHAUST FAN DETAIL



SIDE ELEVATION OF ROOFTOP MOUNTED AIR CONDITIONER.



AIR CONDITIONING SCHEMATIC WIRING

ELECTRICAL LEGEND

- \$ SINGLE POLE WALL SWITCH 15AMP, 120 VOLT "P+S" # 15AC1-I, WITH "SIERRA" #5-1 STAINLESS STEEL PLATE, (GANG SAME SERIES) MOUNTING HEIGHT 54" TO CL.
- \$₃ THREE WAY WALL SWITCH, 15AMP, 120 VOLT, "P+S" 15AC3 I WITH "SIERRA" #5-1 STAINLESS STEEL PLATE, (GANG SAME SERIES), MOUNTING HEIGHT 54" TO CL.
- ⊕ DUPLEX GROUNDING TYPE RECEPTACLE, 15AMP, 120 VOLT, "P+S" # 542-I, WITH "SIERRA" #5-2 STAINLESS STEEL PLATE MOUNTING HEIGHT 16" TO BOTTOM OR AS NOTED ON PLAN. OUTLETS IN ROOMS NO. 115 & 116 TO BE "P+S" #1G 6200.
- ⊕_{WP} WEATHER PROOF DUPLEX GROUNDING TYPE RECEPTACLE, 15AMP, 120VOLT, "P+S" # 5242-I WITH "P+S" #45.00 COVER MOUNTING HEIGHT 16" TO BOTTOM.
- ⊕ SINGLE GROUNDING TYPE RECEPTACLE 30AMP 125/250 VOLT, "P+S" TG5744, WITH ISOLATING GROUND. MOUNTING HEIGHT 16" TO BOTTOM. "SIERRA" STAINLESS PLATE.
- ⊙ CLOCK OUTLET, 15AMP 120 VOLT "P+S" # 1544. MOUNTING HEIGHT AS NOTED ON PLAN. FURNISH CLOCKS AS SPECIFIED IN DIVISION 16B OF SPECIFICATIONS.
- ⊕ CONNECTION TO SPECIAL EQUIPMENT AS SHOWN AND NOTED ON THE DRAWINGS.
- ▲ WALL TELEPHONE OUTLET BOX WITH "SIERRA" #5-12 STAINLESS STEEL PLATE MOUNTING HEIGHT 16" TO BOTTOM OR AS NOTED ON PLAN PROVIDE 3/4" CONDUIT STUBBED UP ABOVE CEILING.
- ⊙ MOTOR CONNECTION AS SHOWN AND NOTED ON PLANS.
- SAFETY SWITCH AS SPECIFIED AND SHOWN ON DRAWINGS.
- ▭ SINGLE PHASE PANELBOARD AS SCHEDULED AND SPECIFIED.
- ▨ THREE PHASE PANELBOARD AS SCHEDULED AND SPECIFIED.
- ⊞ COMPUTER TERMINAL OUTLET WITH "SIERRA" #5730 STAINLESS STEEL PLATE MOUNTING HEIGHT 16" TO BUTT. PROVIDE 1" RISER STUBBED UP ABOVE CEILING.
- ⊙ CEILING SPEAKER AS SPECIFIED.
- ⊞ VOLUME CONTROL AS SPECIFIED. PROVIDE WALL OUTLET BOX AT 54" MOUNTING HEIGHT. STUB 1/2" CONDUIT UP ABOVE CEILING.

CONDUIT SYSTEM LEGEND

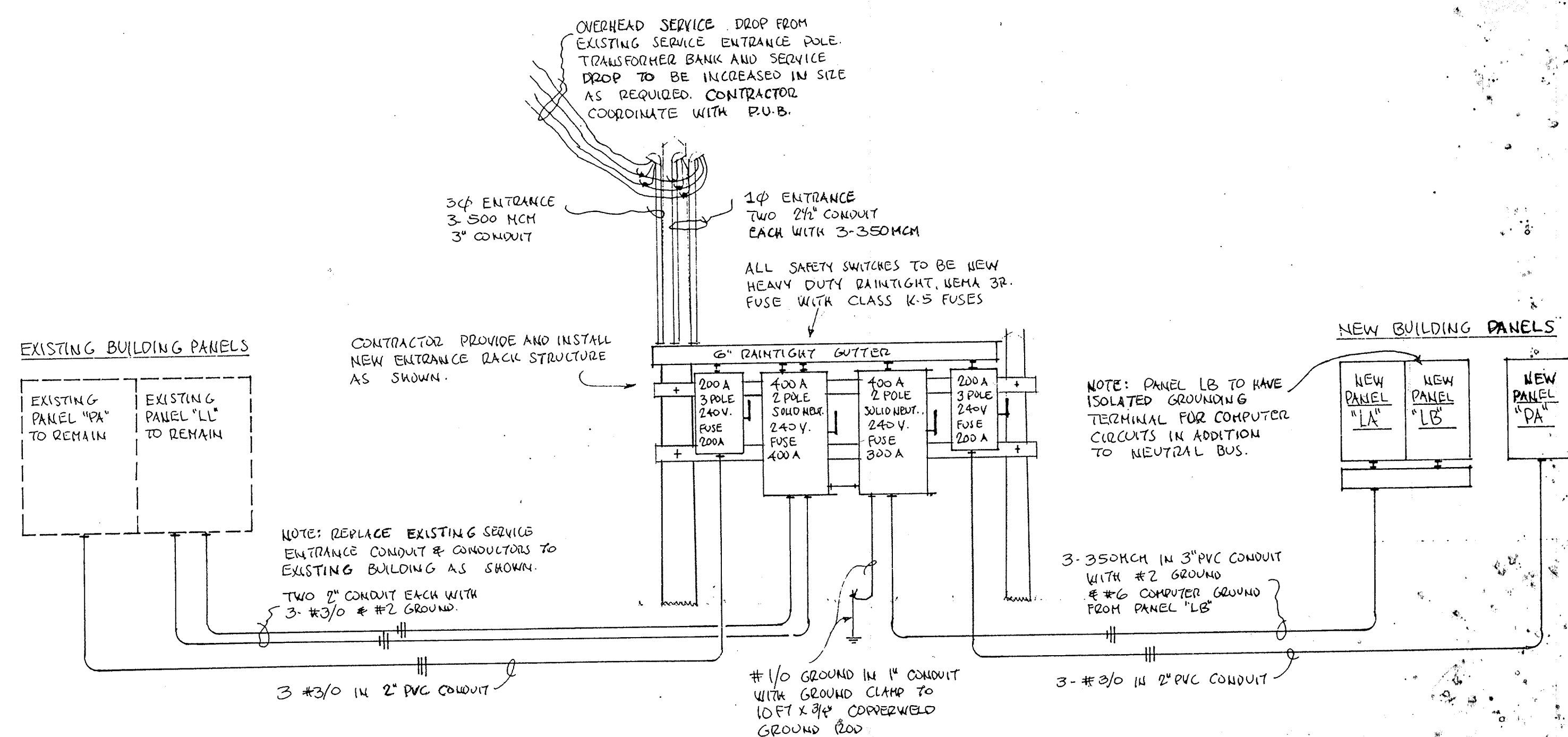
- ||— ELECTRICAL CONDUIT RUN GENERALLY ABOVE CEILINGS AND DOWN WALLS, IN FURRED AREAS OR EXPOSED. NUMBER CONDUCTORS AS SHOWN.
- ||- ELECTRICAL CONDUIT RUN GENERALLY IN CAB, UP WALLS, OR IN FURRED AREAS. NUMBER CONDUCTORS AS SHOWN.
- ||- DENOTES HOME RUN. NUMBER OF CIRCUITS AND CONDUCTORS AS SHOWN.
- ||- DENOTES SWITCH LEG. NUMBER OF CONDUCTORS AS SHOWN.
- T- TELEPHONE CONDUIT.

LIGHTING FIXTURE SCHEDULE

- A 2 FT X 4 FT FOUR LAMP FLUORESCENT RAPID START FIXTURE FOR T-BAR CEILING WITH HINGED DOOR AND FRAME, PRISMATIC ACRYLIC DIFFUSER. EQUAL TO "LITHONIA" CATALOG NO. 265-440-A12-120. LAMPS: FOUR F40T12/CW. CLASS "P" BALLAST, HPF-ETL, SOUND GROUP "A". MOUNT IN LAY-IN CEILING.
- A/EL SAME AS FIXTURE "A" ABOVE BUT WITH ONE LAMP OPERATED BY EMERGENCY UNIT; WITH NICKLE CADMIUM BATTERY, SOLID STATE CHARGER, PILOT LIGHT AND TEST BUTTON. EQUAL TO "LITHONIA" CATALOG NO. 265-440-A12-EL-120. MOUNT IN LAY-IN CEILING.
- B 2 FT X 4 FT FOUR LAMP RAPID START FLUORESCENT FIXTURE FOR SURFACE MOUNTING WITH HINGED DOOR AND FRAME, PRISMATIC ACRYLIC DIFFUSER. EQUAL TO "LITHONIA" CATALOG NO. 24-440-M-A12-120. LAMPS: FOUR F40T12/CW. CLASS "P" BALLAST, HPF-ETL, SOUND GROUP "A". SURFACE MOUNT ON CEILING.
- C REFLECTOR DOWNLIGHT WITH ALZAK REFLECTOR AND NOMINAL 6" DIAMETER BLACK PHENOLIC CONE, ADJUSTABLE DIE CAST ALUMINUM SOCKET HOUSING, DIE CAST TRIM. EQUAL TO "LIGHTOLIER" CATALOG #7704. LAMP WITH ONE 150 WATT A-23. RECESS MOUNT IN TILE CEILING.
- D WHITE OPAL DIFFUSER, NOMINAL 12" DIAMETER. EQUAL TO "LIGHTOLIER" #4365. LAMPS: TWO 75 WATT A-19. SURFACE MOUNT ON CEILING.
- E WALL BRACKET WITH NOMINAL 12" X 5" WHITE OPAL DIFFUSER AND GROUNDING CONVENIENCE OUTLET. "LIGHTOLIER" #6349. LAMPS: TWO 60 WATT A-19. WALL MOUNT AT 6'-8" ABOVE FLOOR.
- F WALL BRACKET WITH 9" HIGH BY 5" WIDE "LEXAN" LENS AND MATTE BLACK CAST ALUMINUM HOLDER. EQUAL TO "LIGHTOLIER" CATALOG #6776. LAMP: ONE 75 WATT A-19. WALL MOUNT AT 7'-0" ABOVE FLOOR.
- G CEILING MOUNTED SQUARE R.I.O. FIXTURE WITH CAST ALUMINUM HOUSING AND MOLDED POLYCARBONATE REFRACTOR. EQUAL TO "FAIR-SAFE" CATALOG NO. 1801 MV-120V. LAMP: ONE 100 WATT MERCURY VAPOR. SURFACE MOUNT ON CONCRETE CEILING.
- H WALL MOUNTED SQUARE R.I.O. FIXTURE WITH CAST ALUMINUM HOUSING AND MOLDED POLYCARBONATE REFRACTOR, AND SHROUD. EQUAL TO "FAIR-SAFE" CATALOG NO. 1801 MV-120V, WITH #241B SHROUD, BLACK. LAMP: ONE 100 WATT MERCURY VAPOR. WALL MOUNT ON COLUMNS AT 9'-0" ABOVE FLOOR.
- EXIT EXIT LIGHT FOR NORMAL AND SELF POWERED OPERATION. EQUAL TO "LITHONIA" CATALOG NO. ES1-REL-120. CEILING MOUNT ON OUTLET BOX.

CIRCUIT BREAKER PANELBOARD SCHEDULE

PANEL MARK	DESCRIPTION AND MOUNTING	MAINS	NUMBER POLES	BRANCH BREAKERS	DESCRIPTION OF BRANCH SERVICE
"PA"	3φ 3WIRE 240 VOLT A.C. SURFACE MOUNTED	200 AMP 3 POLE MAIN BREAKER	20	4- 60A/3P	ROOFTOP AIR CONDITIONERS SPACES
"LA"	1φ 3WIRE S/M 240 VOLT A.C. SURFACE MOUNTED	150 AMP 2 POLE MAIN BREAKER	30	20- 20A/1P 10- 20A/1P	ACTIVE - LIGHTING SPARE BREAKERS
"LB"	1φ 3WIRE S/M 240 VOLT A.C. SURFACE MOUNTING	150 AMP 2 POLE MAIN BREAKER	42	19- 20A/1P 3- 30A/2P 1- 40A/2P 15	ACTIVE OUTLETS # WATER HEATER AIR CONDITIONER #5 SPACES



ELECTRICAL RISER DIAGRAM - NOT TO SCALE