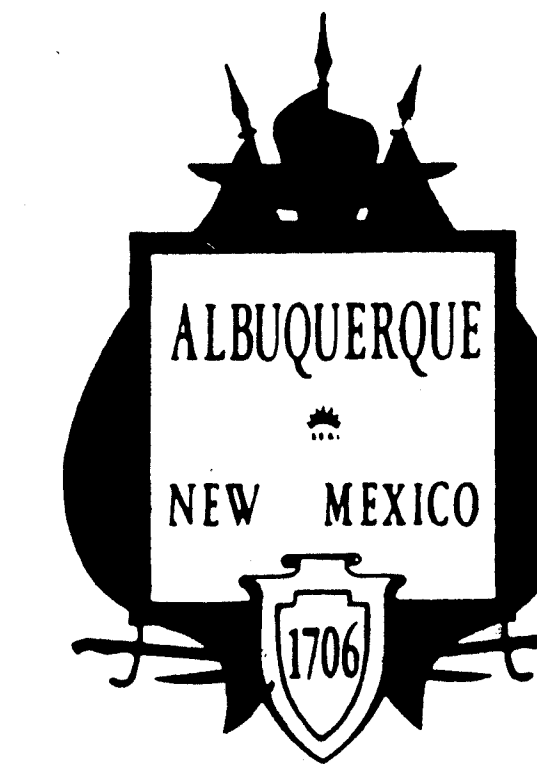
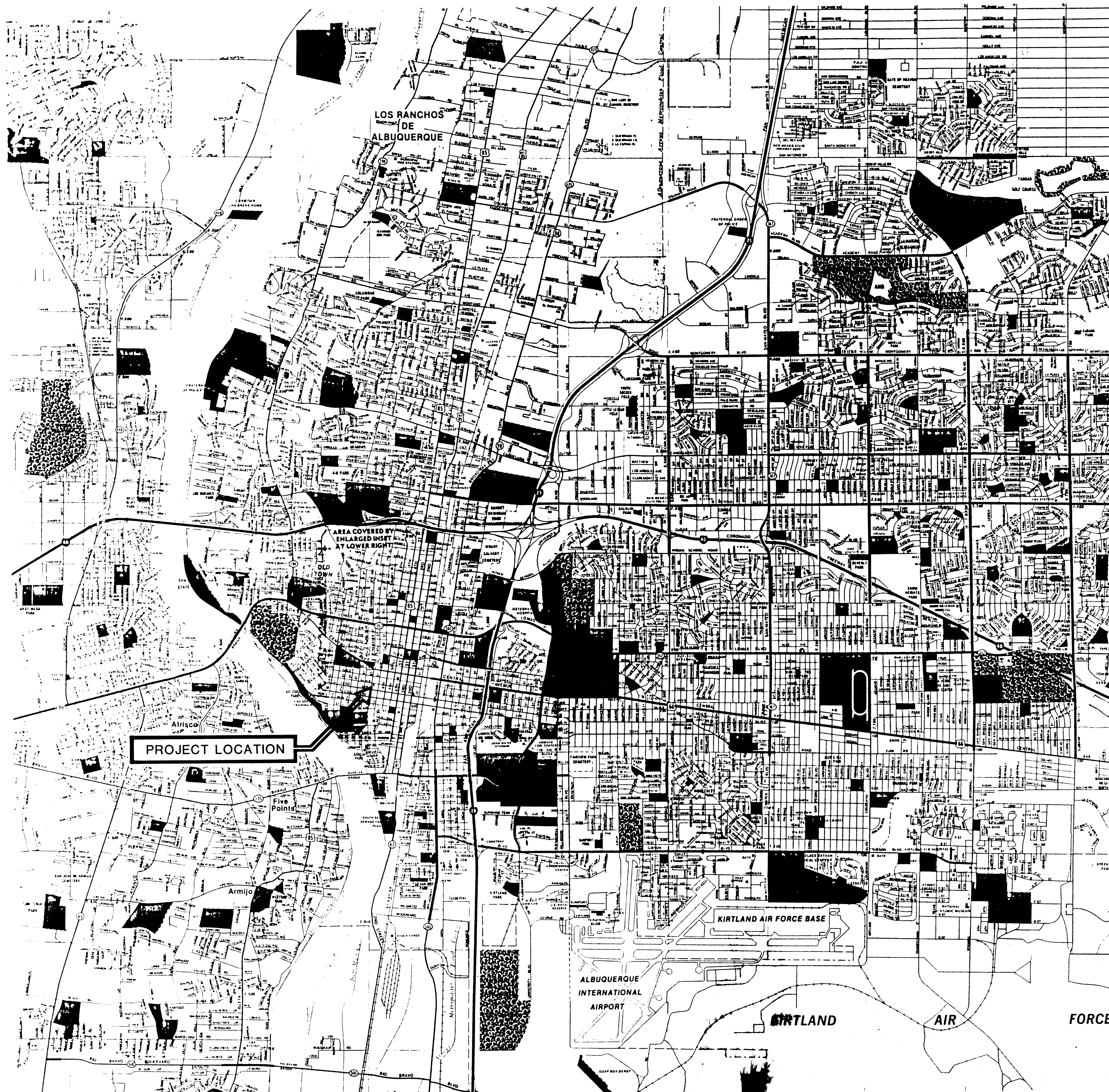




CITY OF ALBUQUERQUE FIRE DEPARTMENT

Renovation of Fire Station No.1

LONG & WATERS
architects•engineers•planners
albuquerque, nm

PROJECT # 1751

INDEX

ARCHITECTURAL

- A-1 SITE PLAN & DEMOLITION PLAN
- A-2 FIRST FLOOR PLAN & INTERIOR ELEVATIONS
- A-3 SECOND FLOOR PLAN, DOOR & WINDOW DETAILS
- A-4 DOOR & ROOM FINISH SCHEDULES
- A-5 ELEVATIONS & DOOR DETAILS
- A-6 ELEVATOR & STAIR DETAILS
- A-7 WALL SECTIONS
- A-8 WALL SECTIONS
- A-9 MISCELLANEOUS DETAILS
- A-10 FIRST & SECOND FLOOR REFLECTED CEILING PLANS
- A-11 ROOF PLAN & DETAILS
- A-12 COLOR SCHEDULE & GRAPHICS

STRUCTURAL

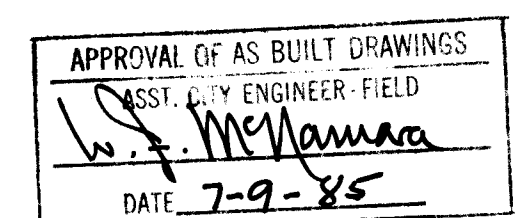
- S-1 FOUNDATION PLAN & DETAILS
- S-2 LOW ROOF FRAMING PLAN & STRUCTURAL DETAILS
- S-3 HIGH ROOF FRAMING PLAN & STRUCTURAL DETAILS
- S-4 LIGHT GAGE FRAMING DETAILS

MECHANICAL

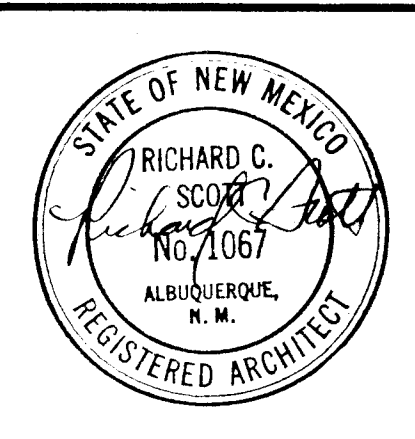
- M-1 FIRST FLOOR PLUMBING PLAN
- M-2 SECOND FLOOR PLUMBING PLAN
- M-3 FIRST FLOOR HVAC PLAN
- M-4 SECOND FLOOR HVAC PLAN
- M-5 MECHANICAL DETAILS & SCHEDULES

ELECTRICAL

- E-1 FIRST FLOOR LIGHTING PLAN
- E-2 SECOND FLOOR LIGHTING PLAN
- E-3 FIRST FLOOR POWER & SPECIAL SYSTEMS PLAN
- E-4 SECOND FLOOR POWER & SPECIAL SYSTEMS PLAN
- E-5 FIRST & SECOND FLOOR ELECTRICAL REMOVAL PLANS
- E-6 ELECTRICAL REMOVAL PHOTOS



1	2	3	4	5	6	7	8	9	10	11	12
26	1	7	5	1	0	1	8	5			



architect

engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

FIRST FLOOR PLANS
& INTERIOR
ELEVATIONS

project #1751

RENOVATION OF FIRE STATION # 1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

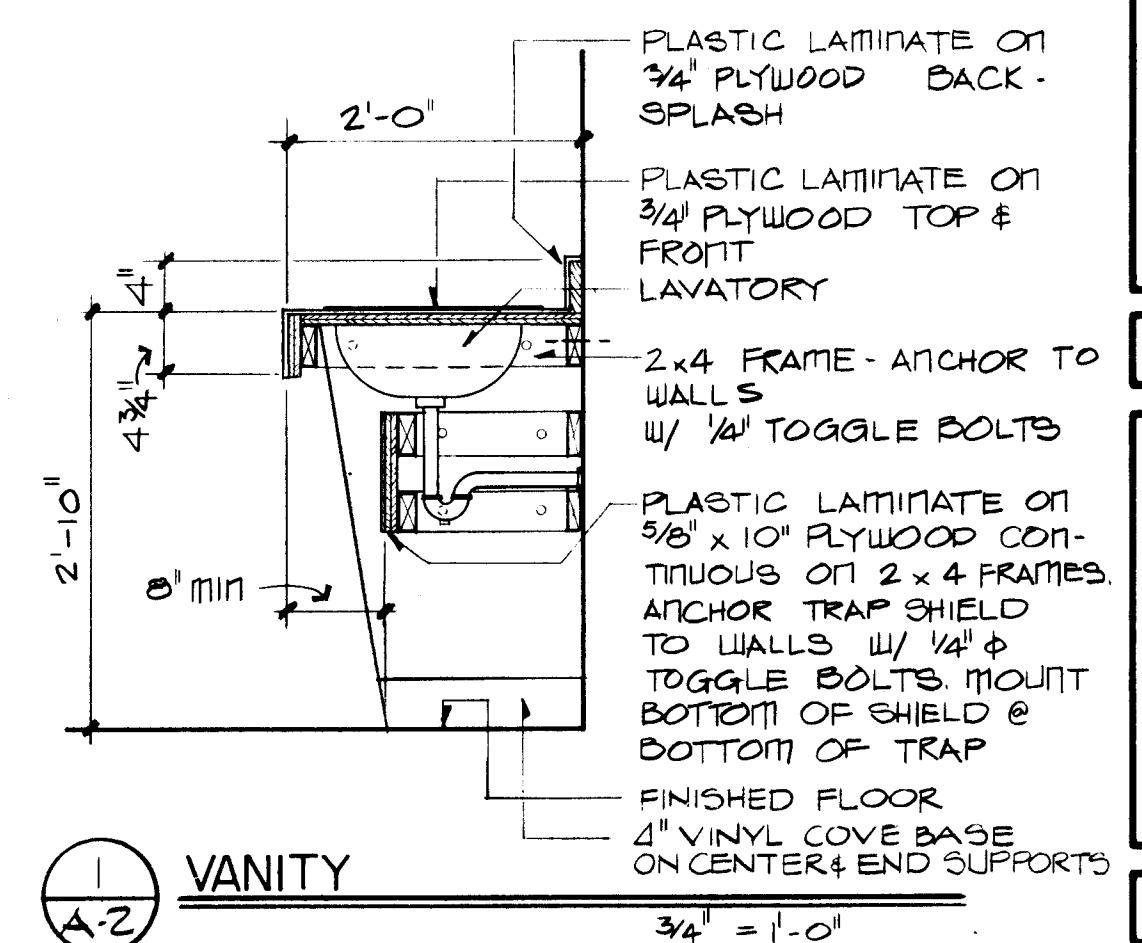
11-21-83

sheet no.

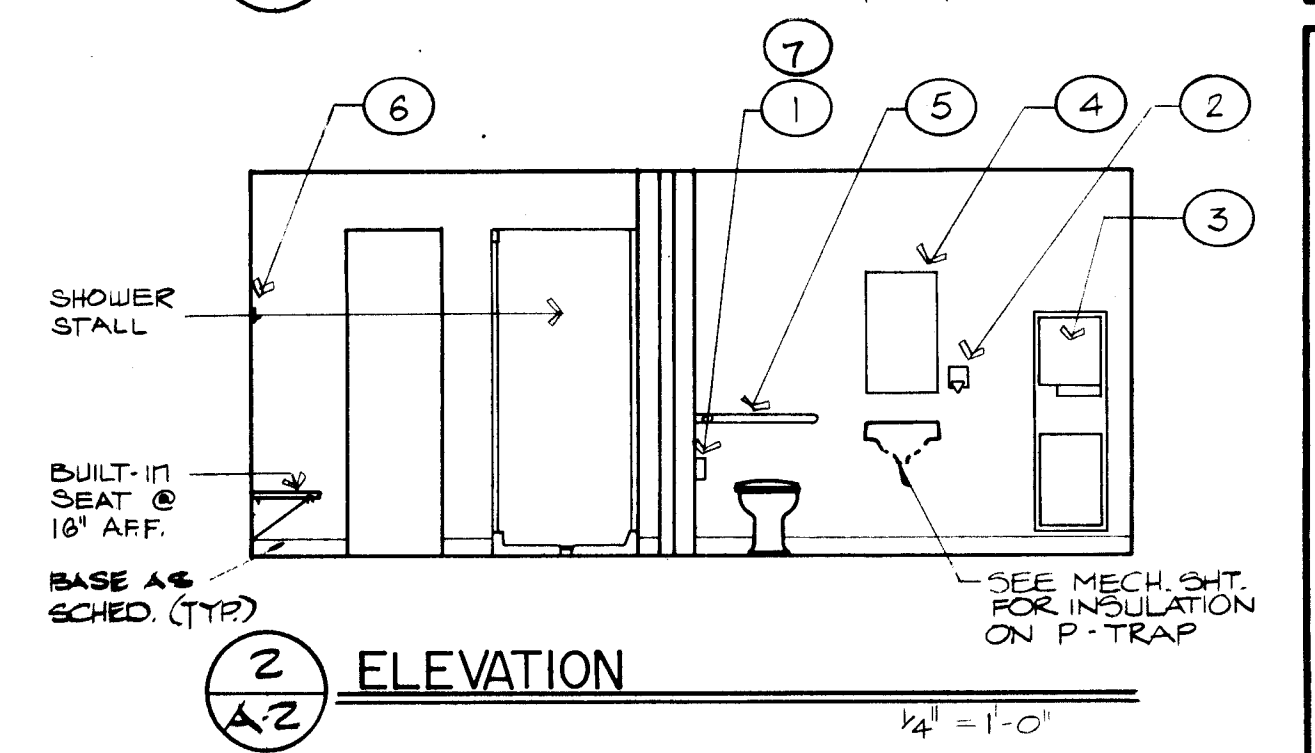
A-2

GENERAL NOTES

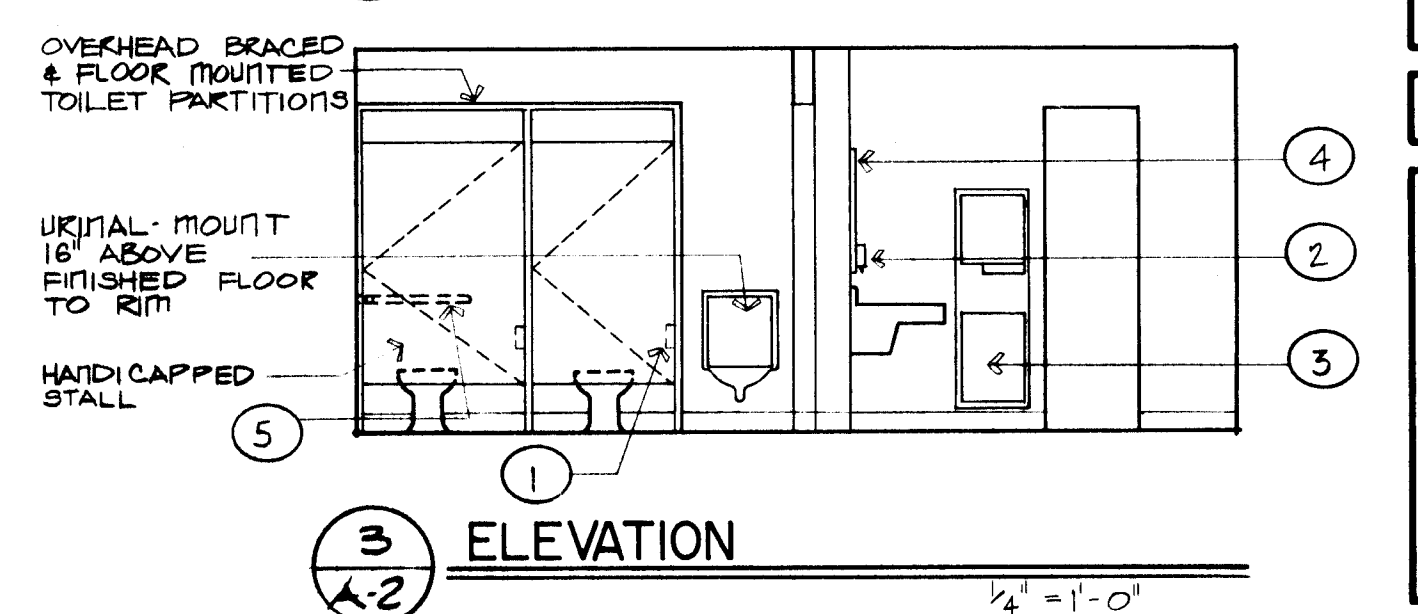
- DOORS - NEW DOORS ARE MARKED WITH NUMBERS. DOORS MARKED "1E" ARE EXISTING AND REQUIRE REPAINTING. DOORS MARKED "2E" ARE EXISTING AND REQUIRE REFINISHING WITH STAIN FINISH. DOORS NOT MARKED ARE EXISTING WITH NO WORK REQUIRED. REFER TO DOOR SCHEDULE.
- THOROUGHLY CLEAN EXIST. BRICK VENEER & ENTRY VESTIBULE TO LOBBY 101.
- PATCH & FINISH ALL WALLS, FLOORS AND CEILINGS TO MATCH WHERE ELECTRICAL & MECHANICAL DEVICES ARE REMOVED & WHERE WALLS, CEILINGS OR OTHER BLDG. ELEMENTS ARE REMOVED.
- PAINT ALL EXISTING WINDOWS, DOORS, FRAMES & ANY EXPOSED METAL TRIM. SEE COLOR SCHEDULE.



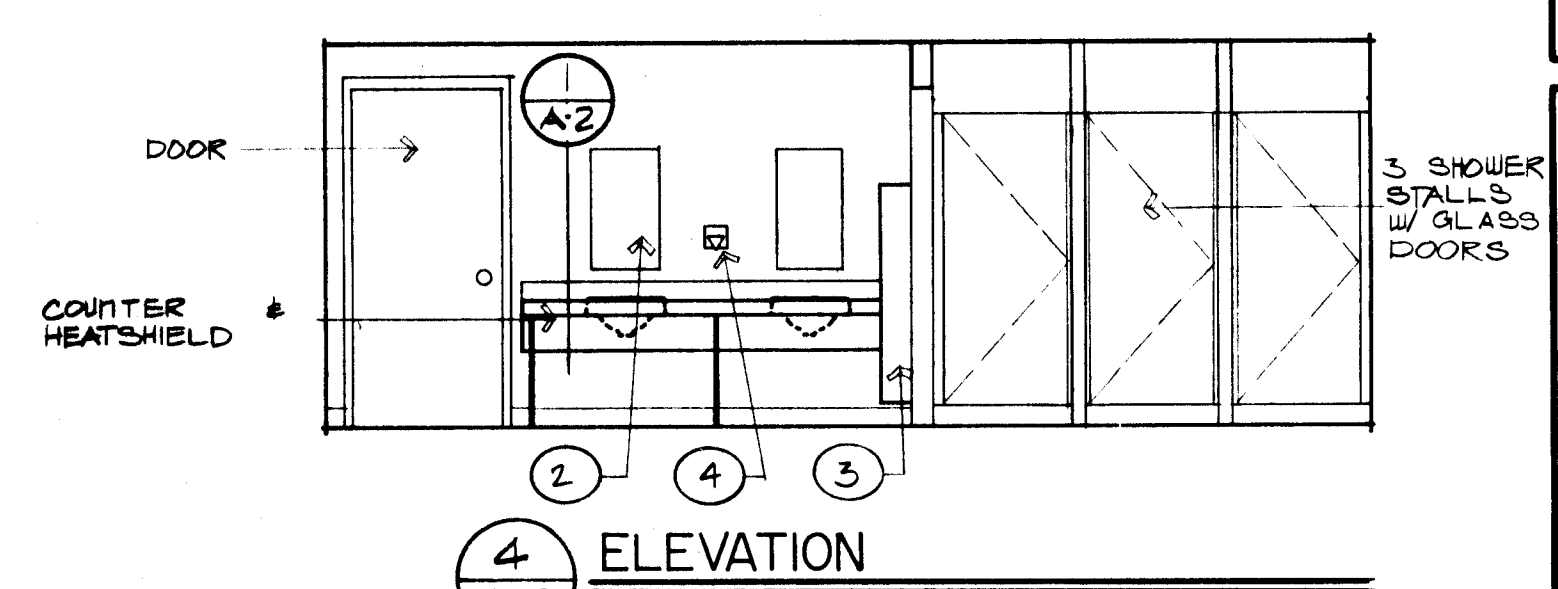
1 VANITY
A-2



2 ELEVATION
A-2



3 ELEVATION
A-2

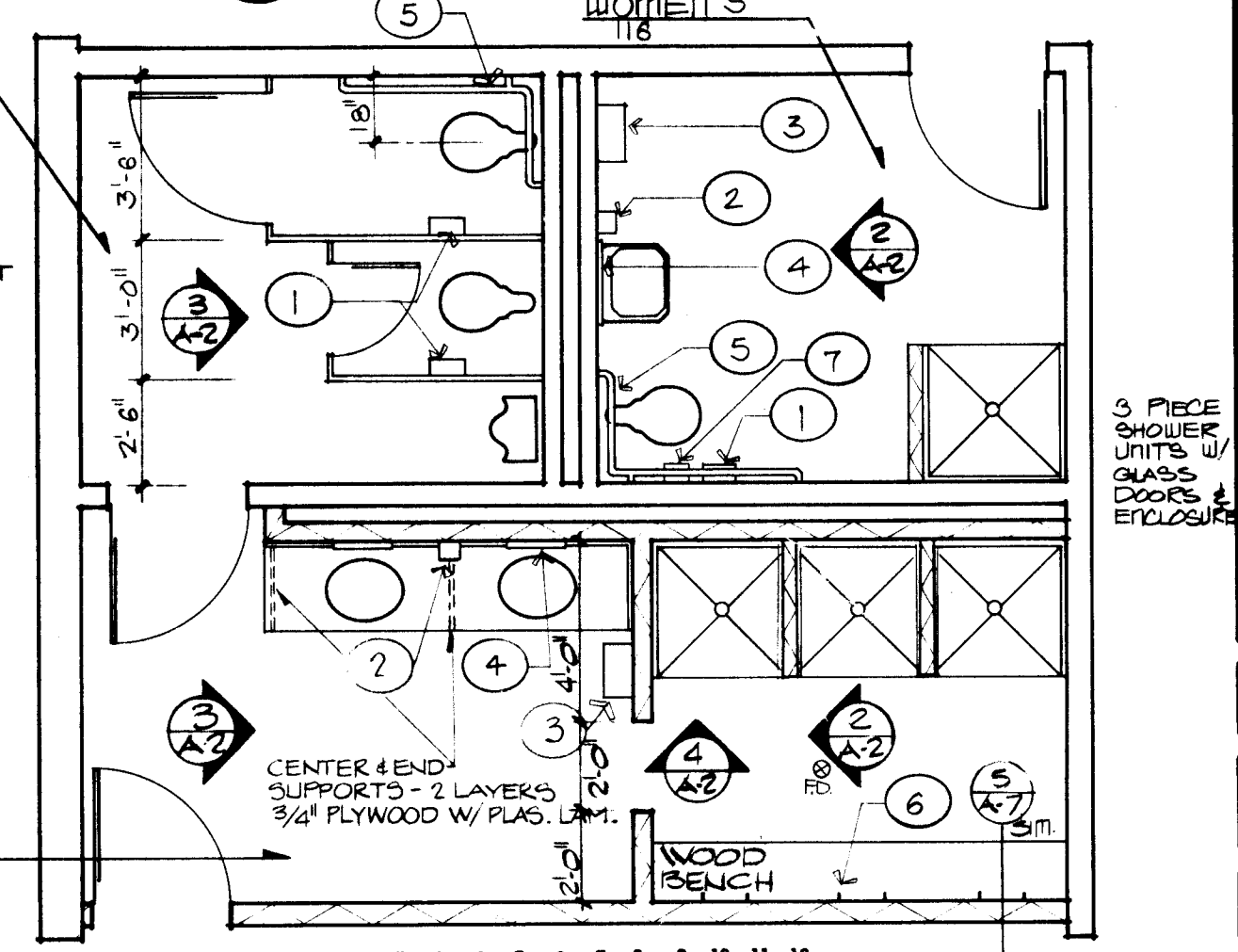


4 ELEVATION
A-2

ACCESSORIES SCHEDULE

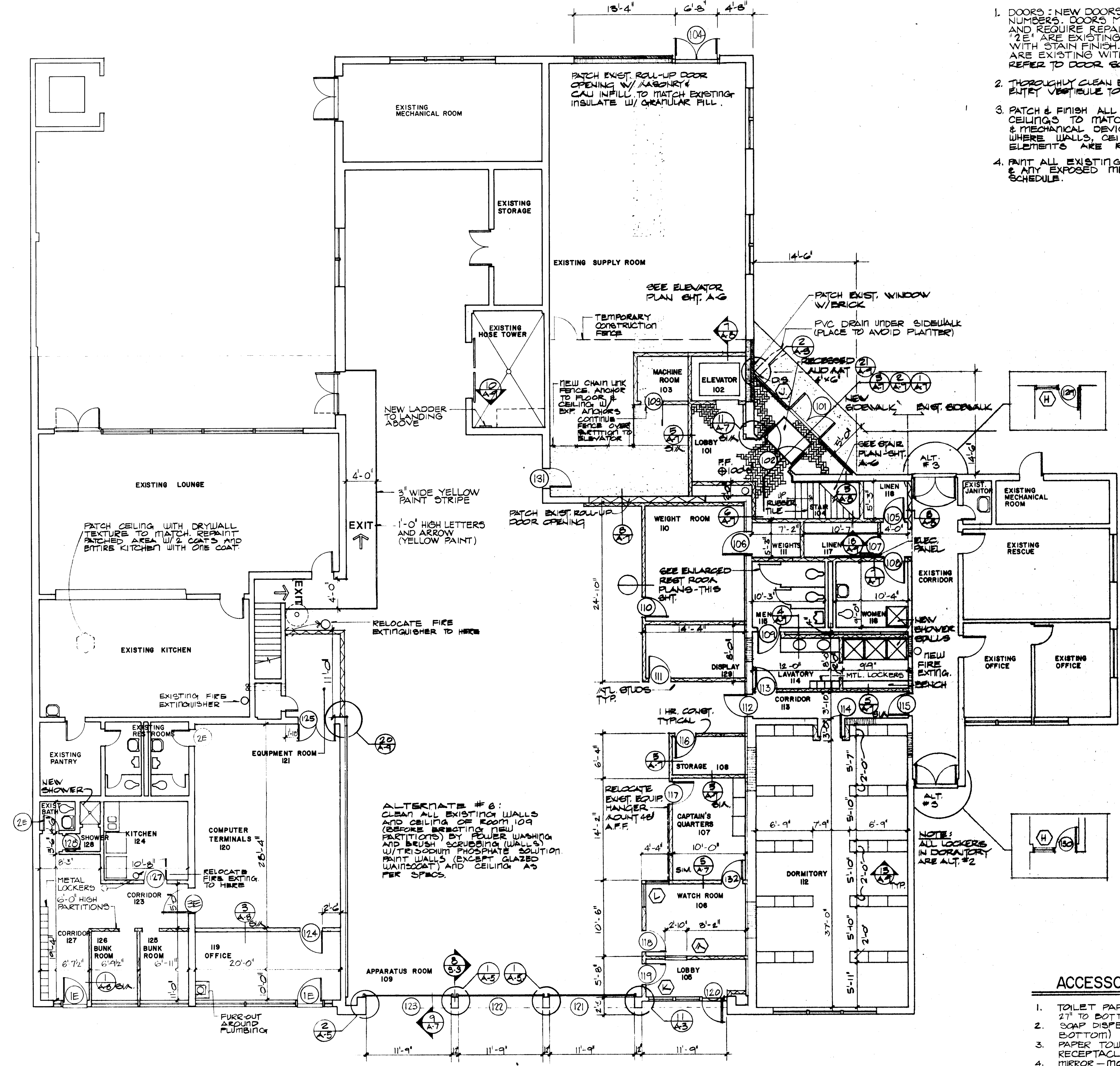
- TOILET PAPER DISPENSER (MOUNT 21" TO BOTTOM)
- SOAP DISPENSER (MOUNT 40" TO BOTTOM)
- PAPER TOWEL DISPENSER & WASTE RECEPTACLE (MOUNT 60" TO TOP)
- MIRROR - MOUNT 40" AFF
- GRAB BARS (MOUNT 33" TO 4)
- HOOK
- SHOE AND NAPKIN DISPOSAL

MEN'S LAVATORY



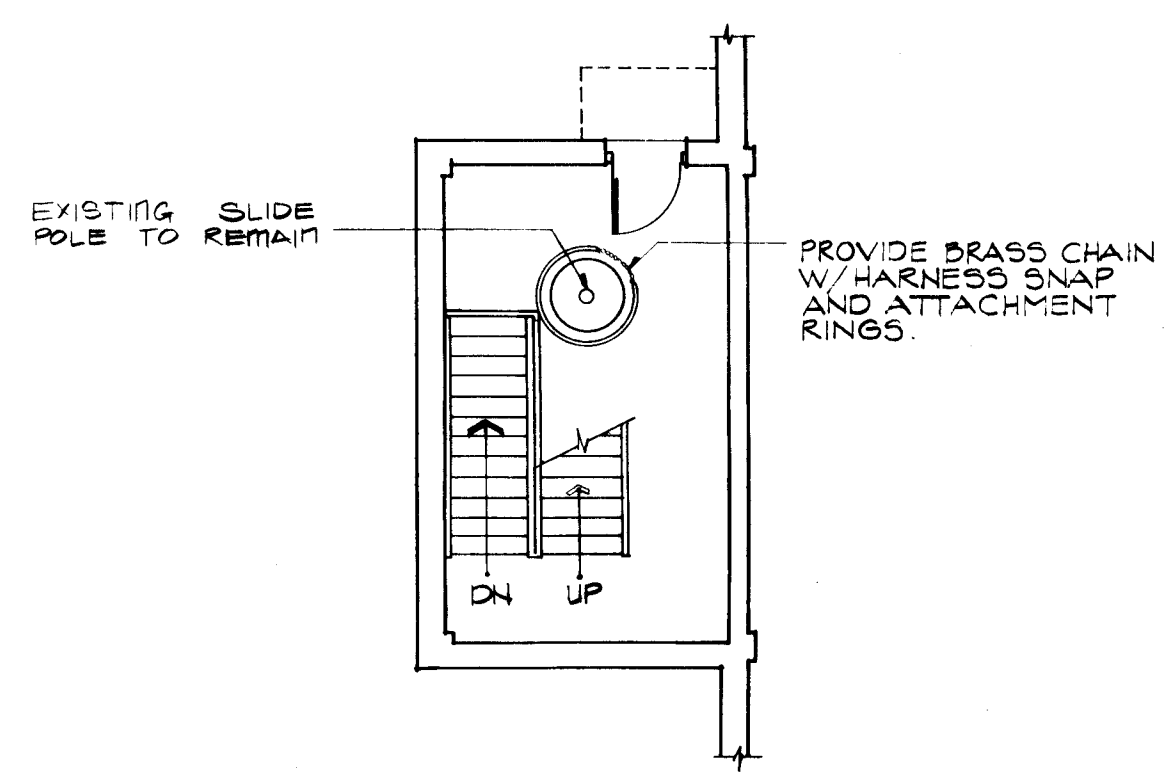
5 ENLARGED RESTROOM PLAN
A-2

AS BUILT 10/10/84
CP 3-12-85

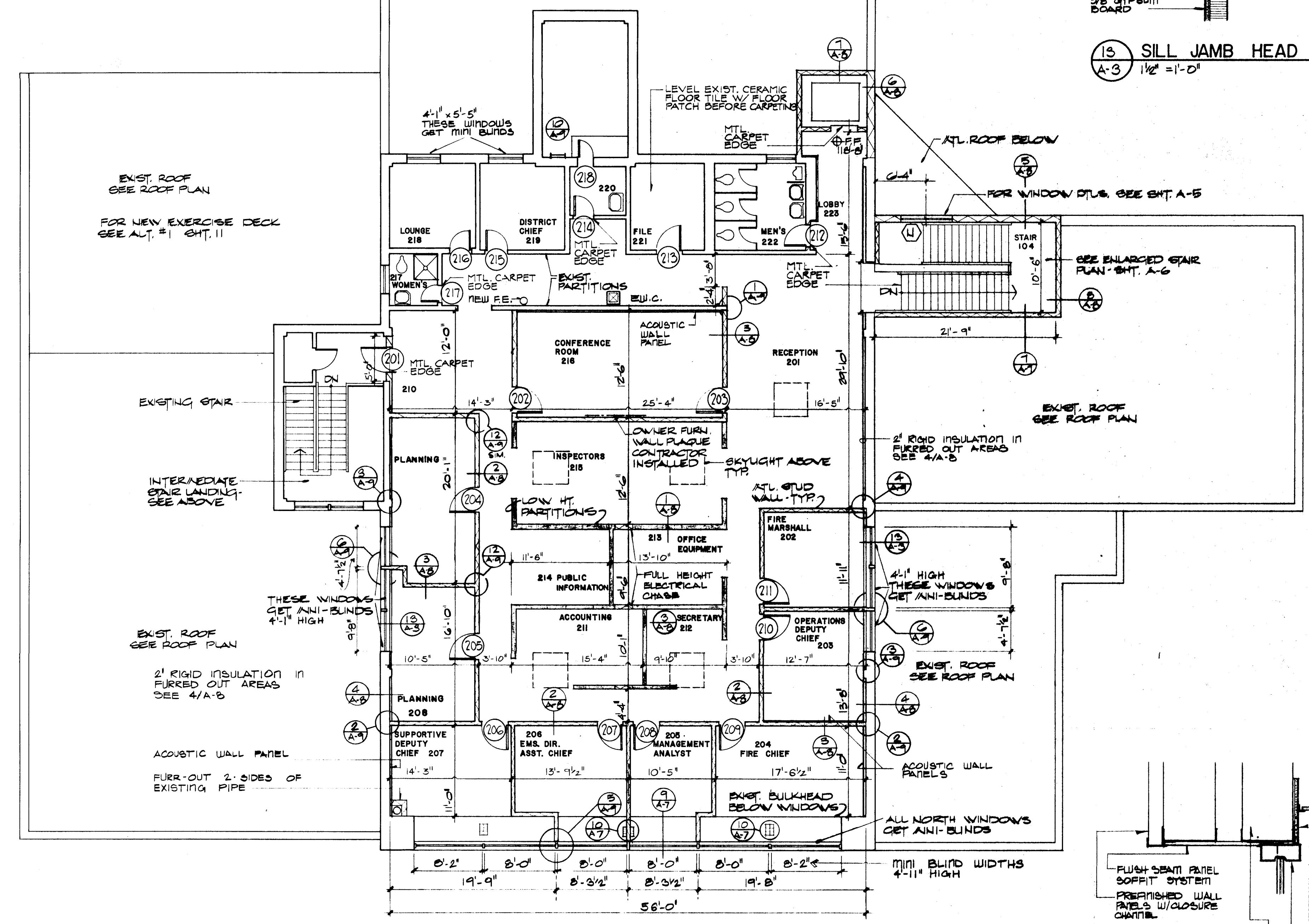


FIRST FLOOR PLAN
1/8" = 1'-0"

LEGEND
 EXISTING PARTITION OR WALL
 NEW CEILING HEIGHT PARTITION
 NEW 5'-0" HIGH PARTITION

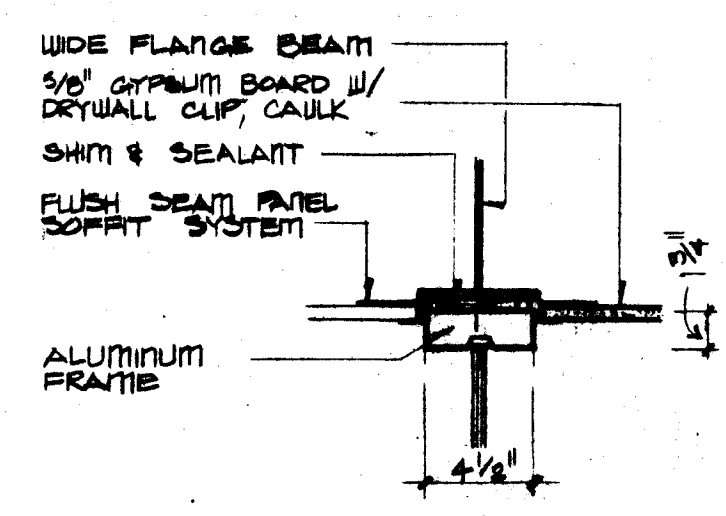


INTERMEDIATE STAIR LANDING
 1/4" = 1'-0"

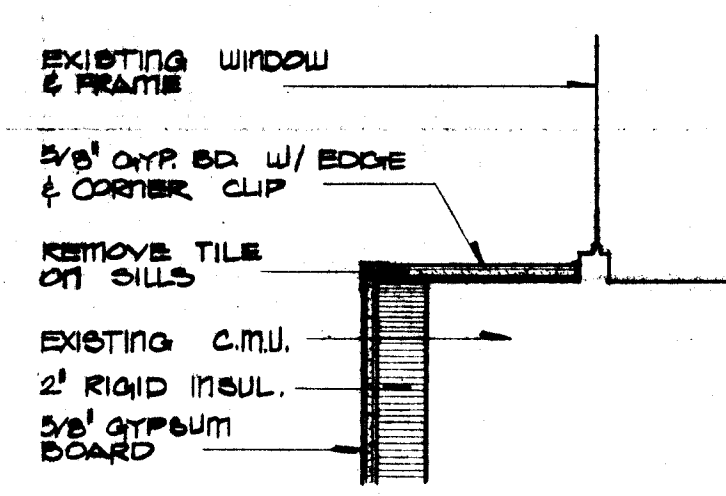


NOTE: REFER TO REFLECTED CLG. PLAN SHIT. A-10 FOR GLAZING ABOVE OFFICE PARTITIONS

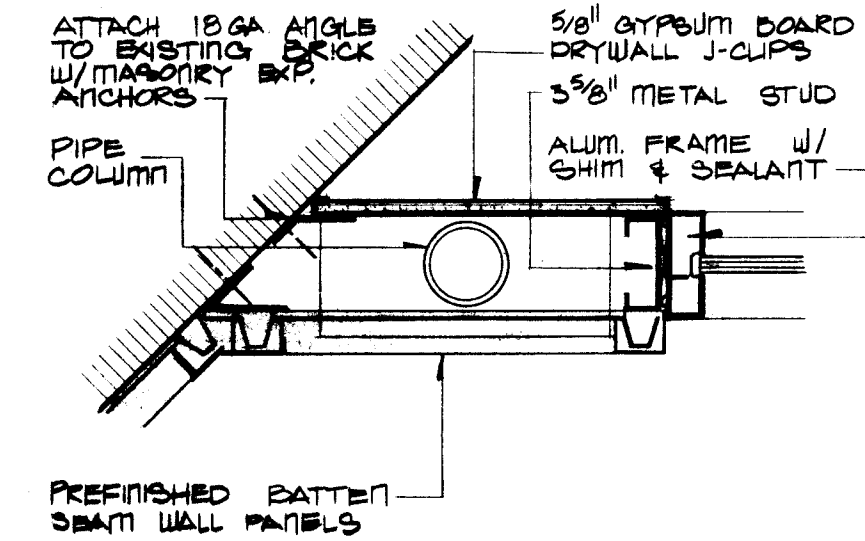
SECOND FLOOR PLAN
 1/8" = 1'-0"
 NORTH



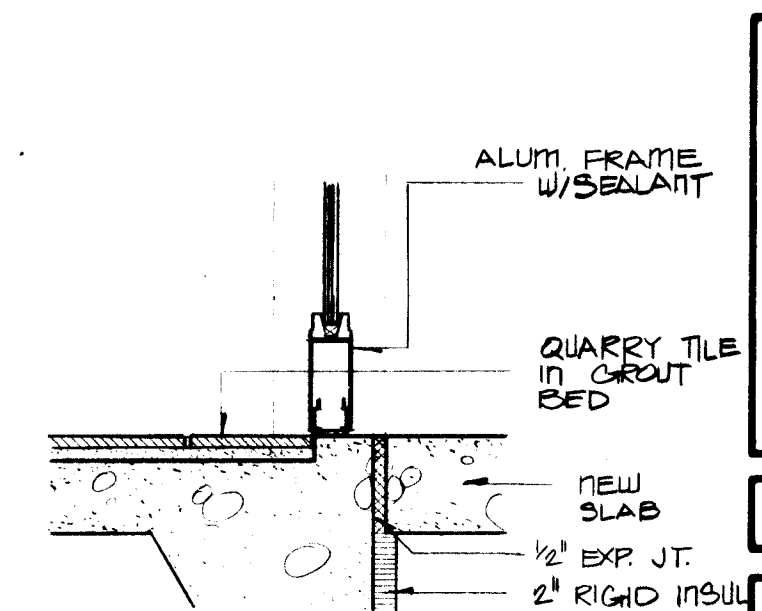
1 HEAD
 1/2" = 1'-0"



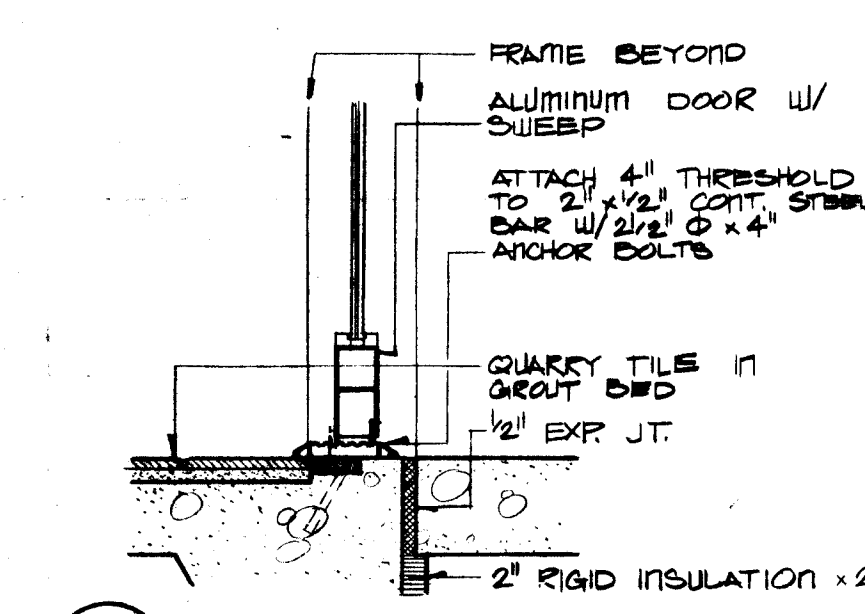
1S SILL JAMB HEAD
 1/2" = 1'-0"



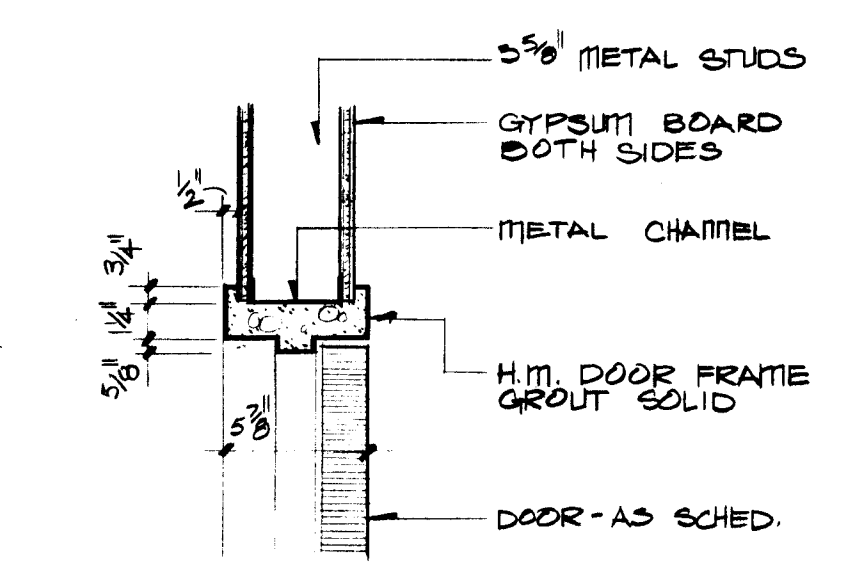
2 JAMB
 1/2" = 1'-0"



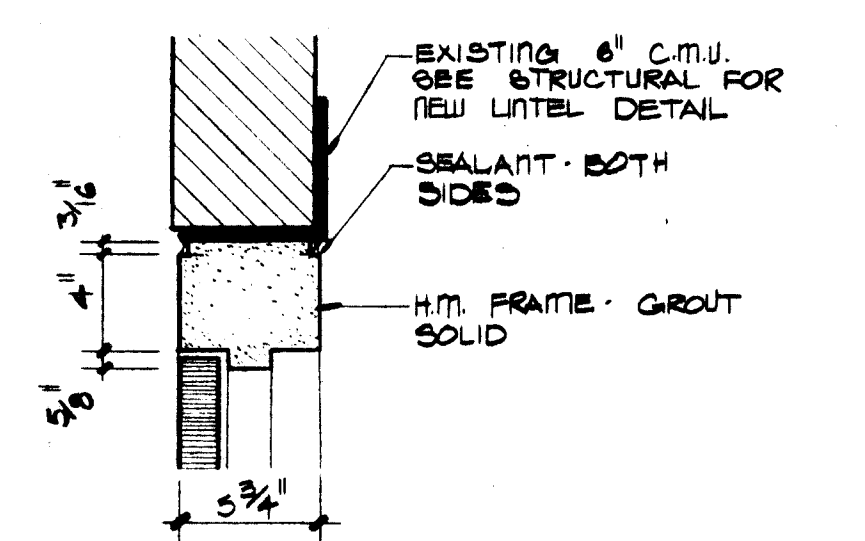
3 SILL
 1/2" = 1'-0"



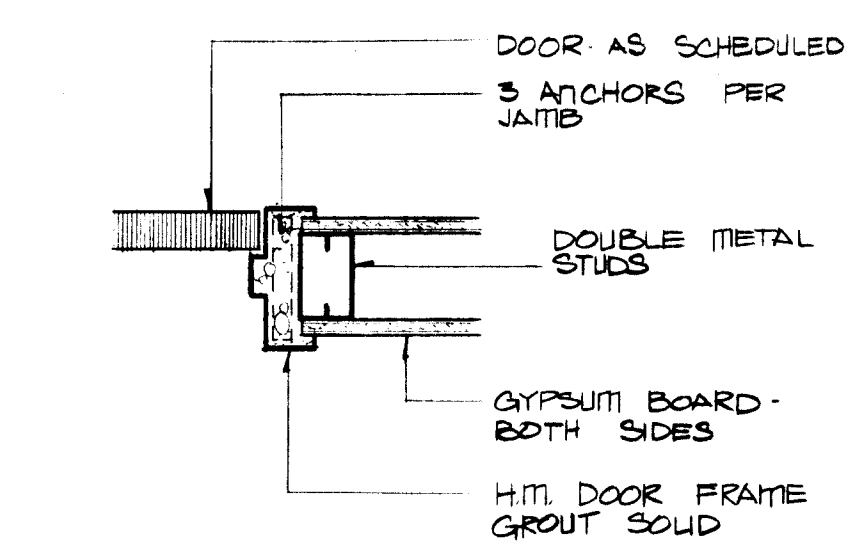
4 THRESHOLD
 1/2" = 1'-0"



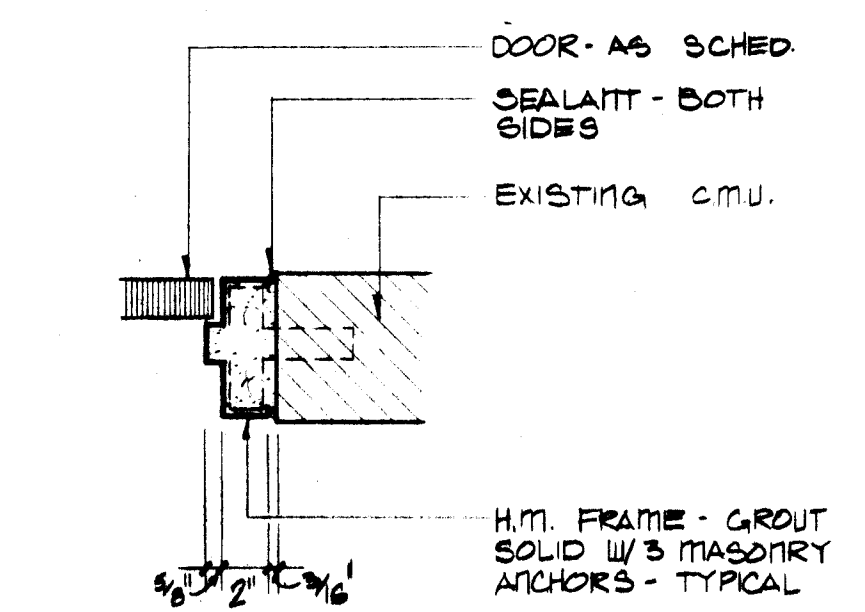
5 HEAD
 1/2" = 1'-0"



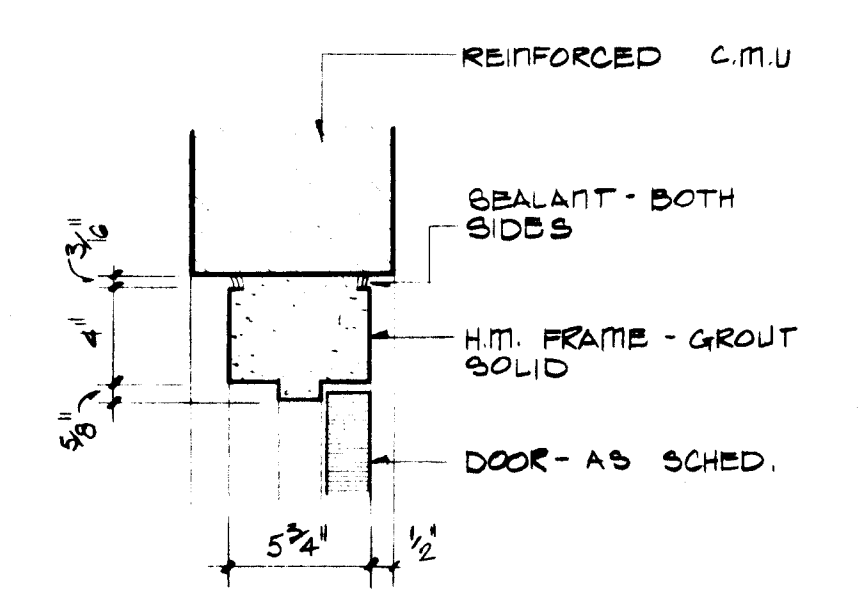
6 HEAD
 1/2" = 1'-0"



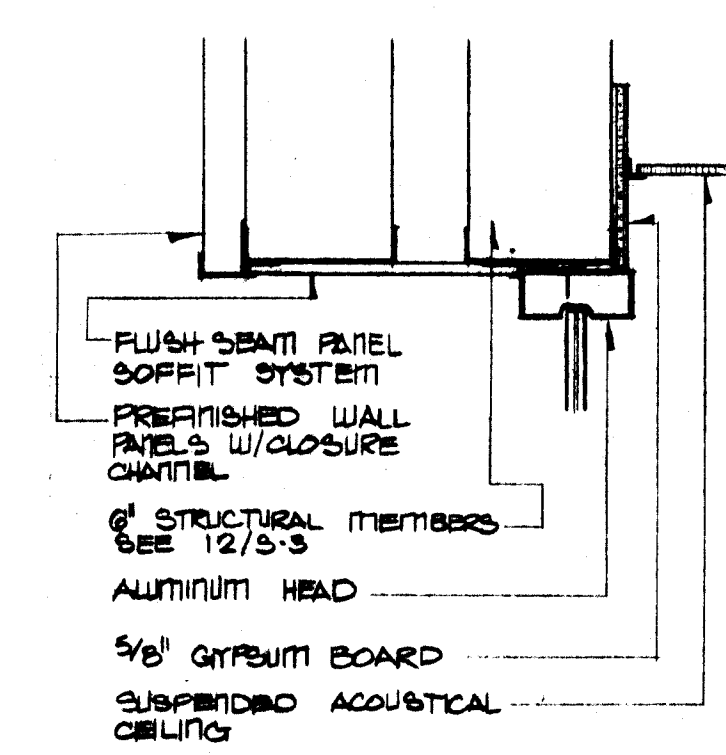
7 JAMB
 1/2" = 1'-0"



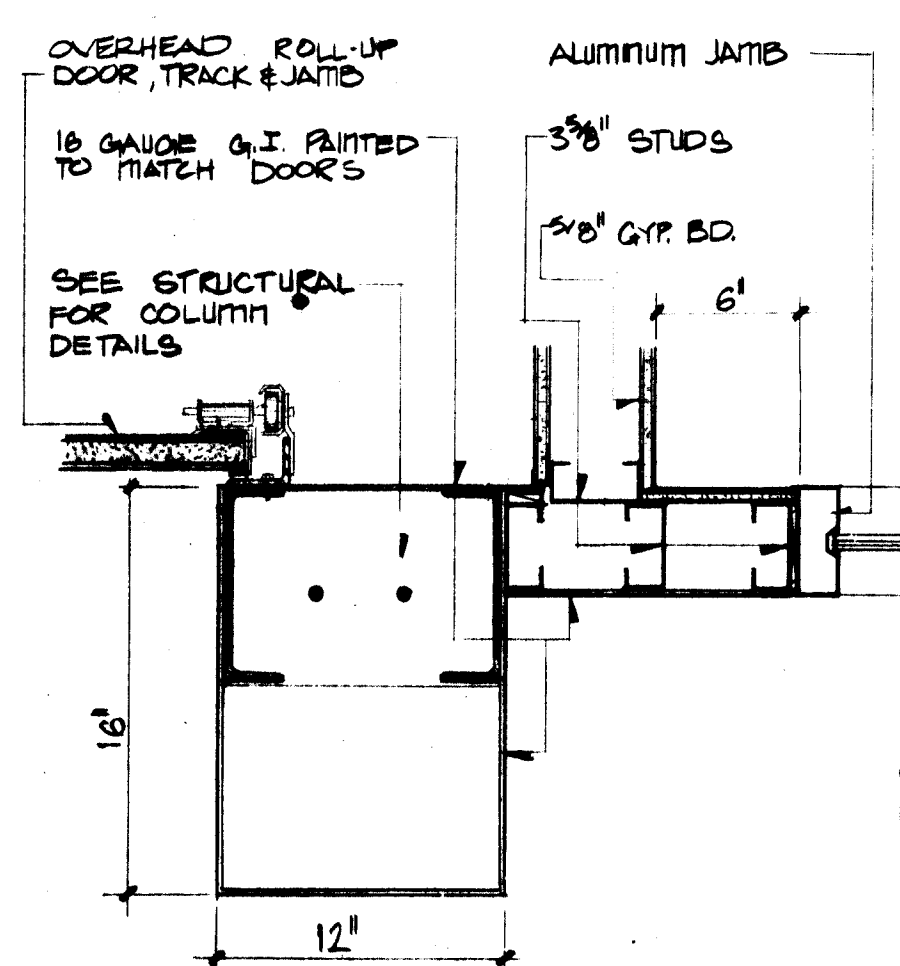
8 JAMB
 1/2" = 1'-0"



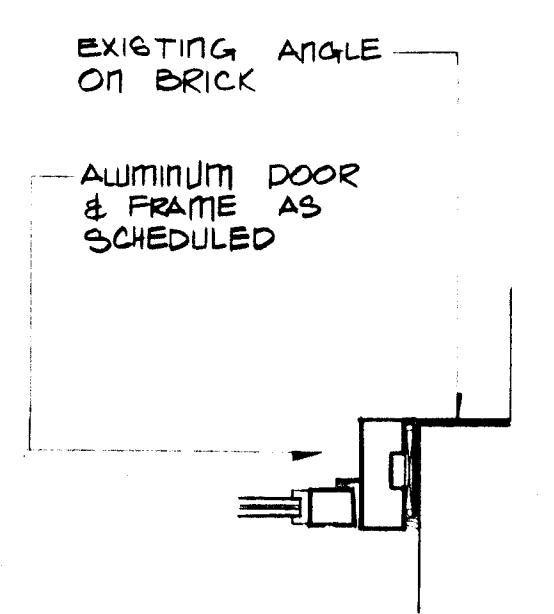
9 HEAD
 1/2" = 1'-0"



10 HEAD
 1/2" = 1'-0"

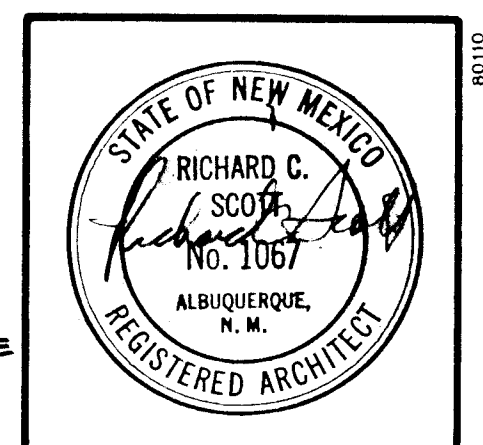


11 JAMB
 1/2" = 1'-0"



12 JAMB
 1/2" = 1'-0"

1	2	3	4	5	6	7	8	9	10	11	12
2	6	1	7	5	1	4	3	8	5		



architect

engineer

LONG & WATERS
 PA AIA
ARCHITECTS
 ENGINEERS
 PLANNERS

sheet title

SECOND FLOOR
 PLAN
 DOOR & WINDOW
 DETAILS

project #1751

#1
RENOVATION OF FIRE STATION
 724 SILVER AVENUE S.W.
 ALBUQUERQUE, NEW MEXICO
 CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

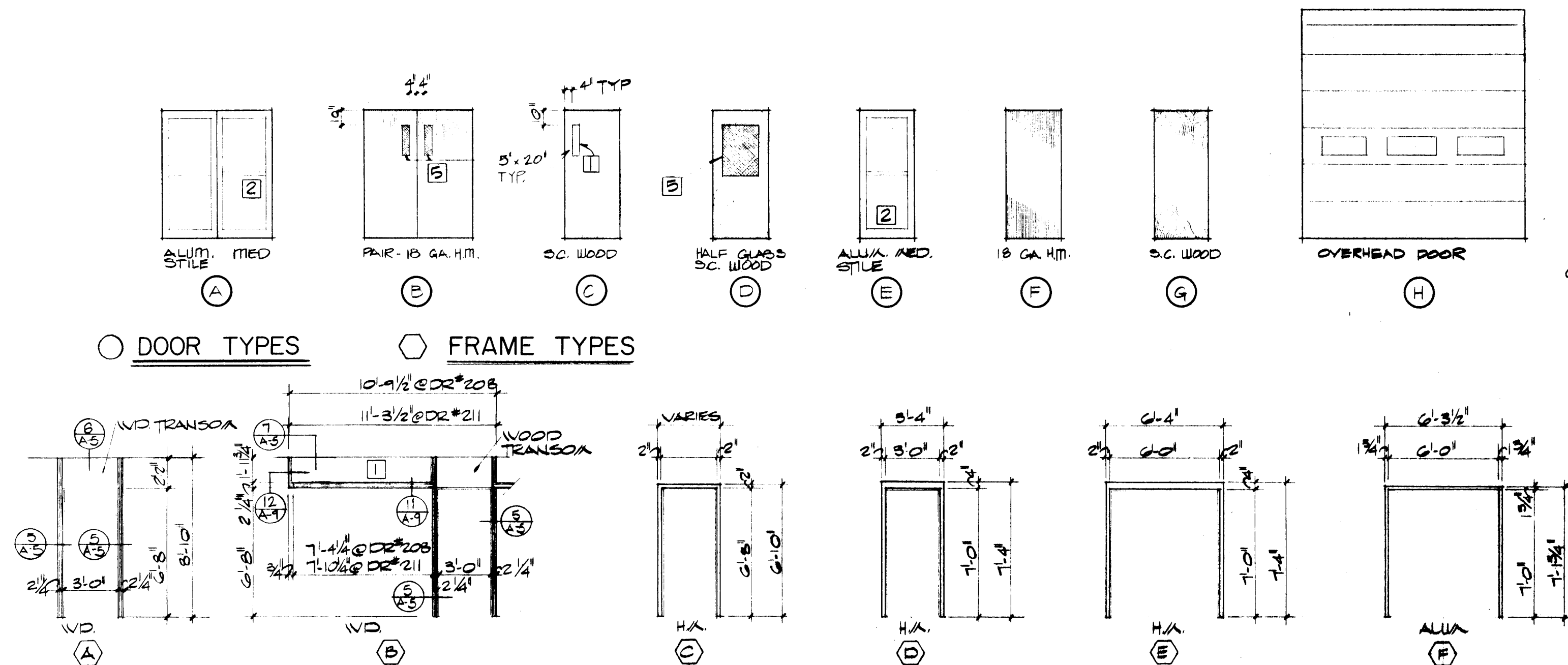
11-21-83

sheet no.

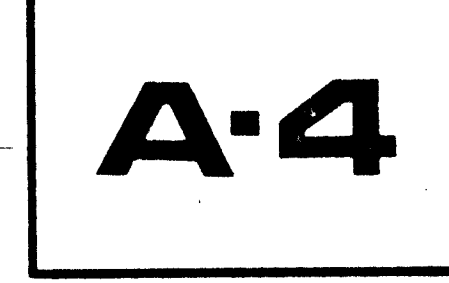
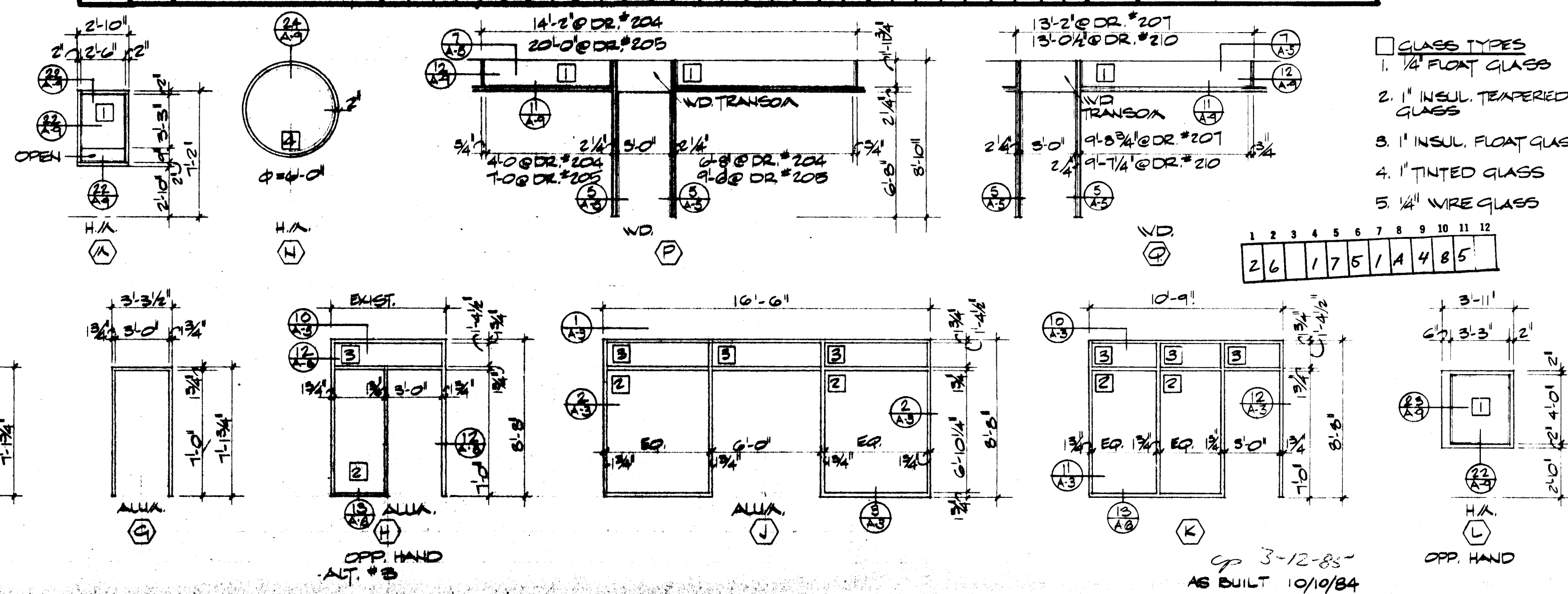
A-3

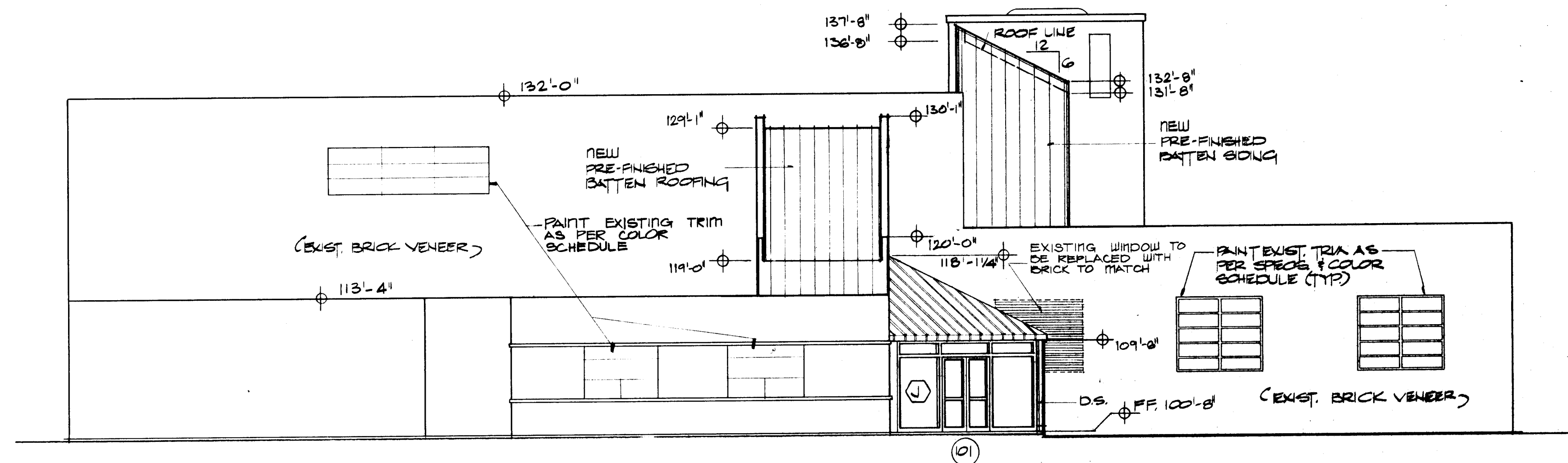
10-3-12-85
 AS BUILT 10/10/84

	DOOR						FRAME							FIRE RATING PER OPENING		DOOR SIGN		HARDWARE SET	REMARKS
	MARK (NO.)	SIZE			MATERIAL	TYPE	MATERIAL	TYPE	DEPTH	DETAILS					DOOR NO.	TEXT			
		PAIR	WIDTH	HEIGHT						THICKNESS	JAMB	JAMB	HEAD				THRESHOLD		
FIRST FLOOR	01	•	3'-0"	7'-0"	1 3/4"	ALUM.	A	ALUM.	L	4 1/2"	2/A-3	2/A-3	1/A-3	4/A-3			1		
	02	•							H/K		9/A-5	9/A-5	8/A-5				2		
	03					H/K			H/K	5 3/4"	7/A-3	7/A-3	5/A-3				7		
	04	•	3'-2"	6'-8"		WOOD	B		M/O		8/A-3	8/A-3	9/A-3				8		
	05		3'-0"	6'-8"		WOOD	C		M/O		7/A-3	7/A-3	5/A-3				7		
	06								D		8/A-3	8/A-3	9/A-3				7		
	07								O		7/A-3	7/A-3	5/A-3				7		
	08															WOMEN	9	7 1/2' JAMB	
	09															NEW	8		
	10																10		
	11																7		
	112										8/A-3	8/A-3	9/A-3				8		
	113										7/A-3	7/A-3	5/A-3				8		
	114																6		
	115										8/A-3	8/A-3	9/A-3				6		
	116										7/A-3	7/A-3	5/A-3		C 3/4 H		14		
	117																3		
	118																10		
	119			7'-0"		ALUM.	E	ALUM.	G	4 1/2"	9/A-5	9/A-5	8/A-5				5		
	120								K		11/A-3	12/A-3	10/A-3	13/A-6			4		
	121		11'-9"	12'-0"		STL.	H	BY	DR. W/WUF.		1/A-5	11/A-3						O.H. DOORS	
	122										1/A-5	1/A-5							
	123		3'-0"	6'-8"		WOOD	G	H/K	C	5 3/4"	2/A-5	1/A-5							
	124										7/A-3	7/A-3	5/A-3				11		
	125	•	3'-0"	7'-0"					D		8/A-3	8/A-3	9/A-3				10		
	126		NOT USED																
	127		3'-0"	6'-8"	1 3/4"	WOOD	G	H/K	C	5 3/4"	7/A-3	7/A-3	5/A-3				10		
	128		2'-0"														9		
	129		3'-0"	7'-0"		ALUM.	E	ALUM.	H	4 1/2"	12/A-6	12/A-6	10/A-5	13/A-6			4	ALTERNATE #3	
	130										12/A-6	12/A-6	10/A-5	13/A-6			4		
	131					H.M	F	H.M	D	5 3/4"	8/A-3	8/A-3	9/A-3		C 3/4 H		14	REUSE EXISTING JAMB REUSE EXISTING HDWE	
	1E		EXIST. DOORS & FRAMES TO BE REPAINTED																
	2E																		
	3E																	SEE MECH. FOR DOOR LOUVER	
	132		3'-0"	6'-8"	1 3/4"	WOOD	G	H.M	C	5 3/4"	7/A-3	7/A-3	5/A-3				3		
	201		3																

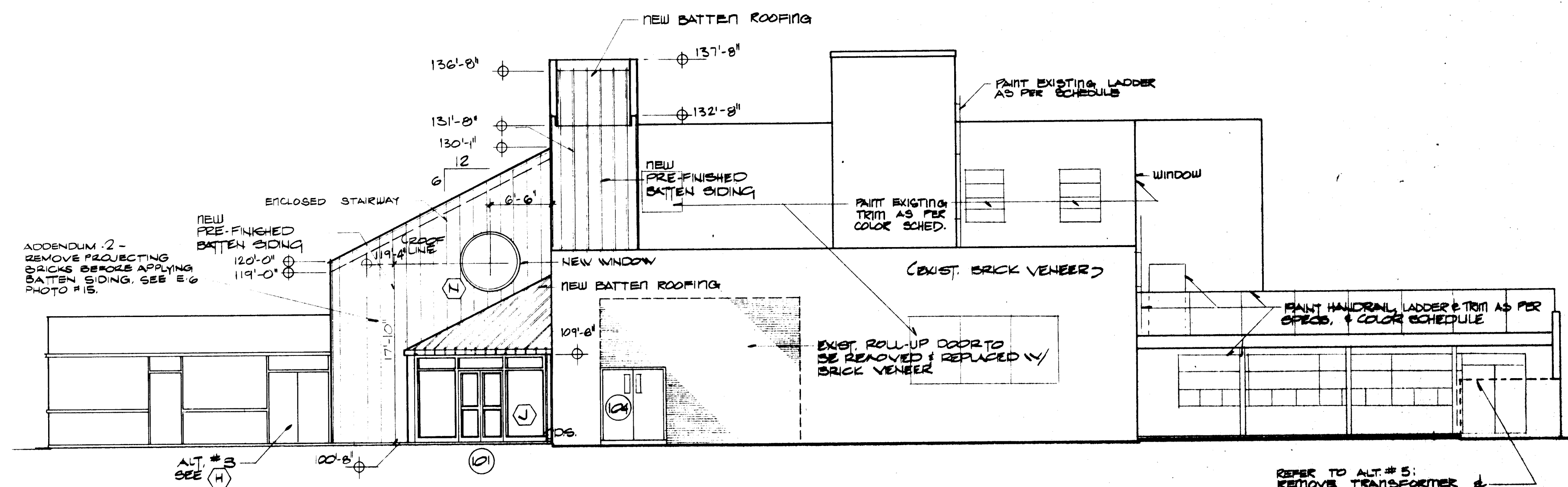


NO	NAME	FLOOR					BASE	WALLS					CEILING					CEILING HEIGHT	REMARKS						
		RUBBER TILE	SHEET VINYL	CARPET	QUARRY TILE	CONCRETE (EXPOSED)		PATCH EXIST. VINYL TILE	EXIST. TO REMAIN	VINYL	QUARRY TILE	EXPOSED C.M.U.	PAINT ON C.M.U.	PAINT ON GIP. DO. INTER.	PAINT ON PLASTER	ACoust. PANEL	GLAZING			GLASS DOORS	24 ACoustICAL TILE	PAINT ON GIP. DO. TYPE X	AC/H/FEAR EXIST. PLASTER	EXISTING TO REMAIN	PAINT EXISTING
101	LOBBY																							8'-0"	
102	ELEVATOR TOWER																							8'-0"	HR. WALLS
103	MACHINE ROOM																							8'-6"	
104	STAIR TOWER																							VARIES	RUBBER TREADS & WOOD
105	LOBBY																							9'-0"	
106	WATCH ROOM																							9'-0"	PASS THRU - NORTH WALL
107	CAPTAIN'S QUARTERS																							9'-0"	
108	STORAGE																							9'-0"	
109	APPARATUS ROOM																							EXIST	
110	WEIGHT ROOM																							9'-0"	
111	WEIGHTS																							EXIST	
112	DORMITORY																							EXIST	
113	CORRIDOR																							EXIST	
114	MEN'S LAVATORY																							EXIST	
115	MEN'S																							EXIST	
116	WOMEN'S																							EXIST	
117	LINEN																							EXIST	
118	LINEN																							8'-6"	
119	DISPATCH OFFICE																							9'-0"	
120	COMPUTER TERMINALS																							8'-6"	
121	EQUIPMENT ROOM																							8'-6"	
122	NOT USED																								
123	CORRIDOR																							EXIST	
124	KITCHEN																							EXIST	
125	BUNK ROOM																							EXIST	6'-0" PARTITIONS

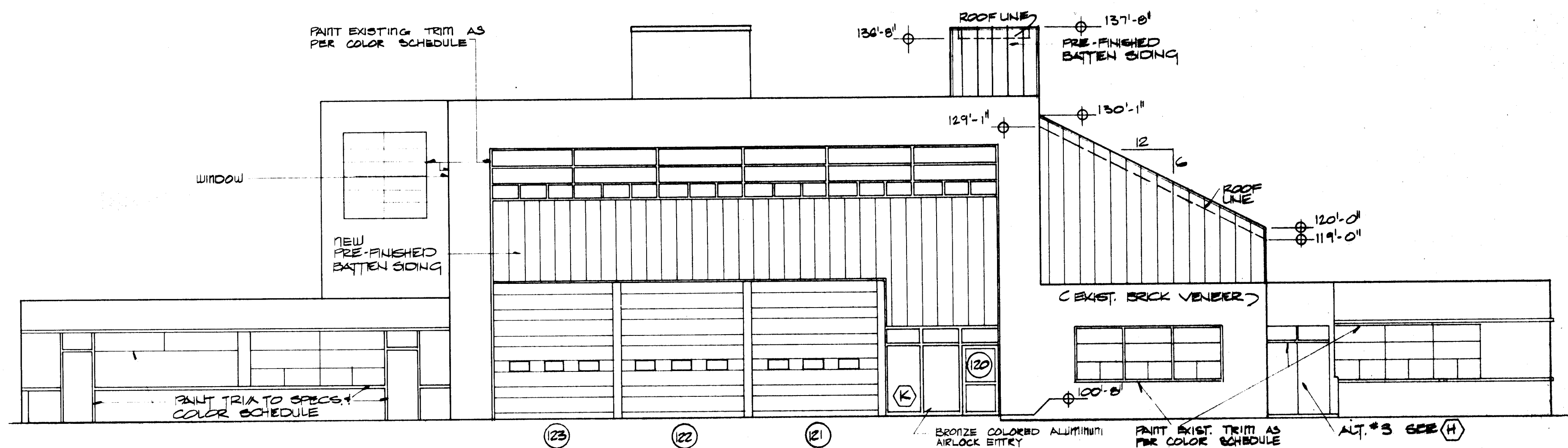




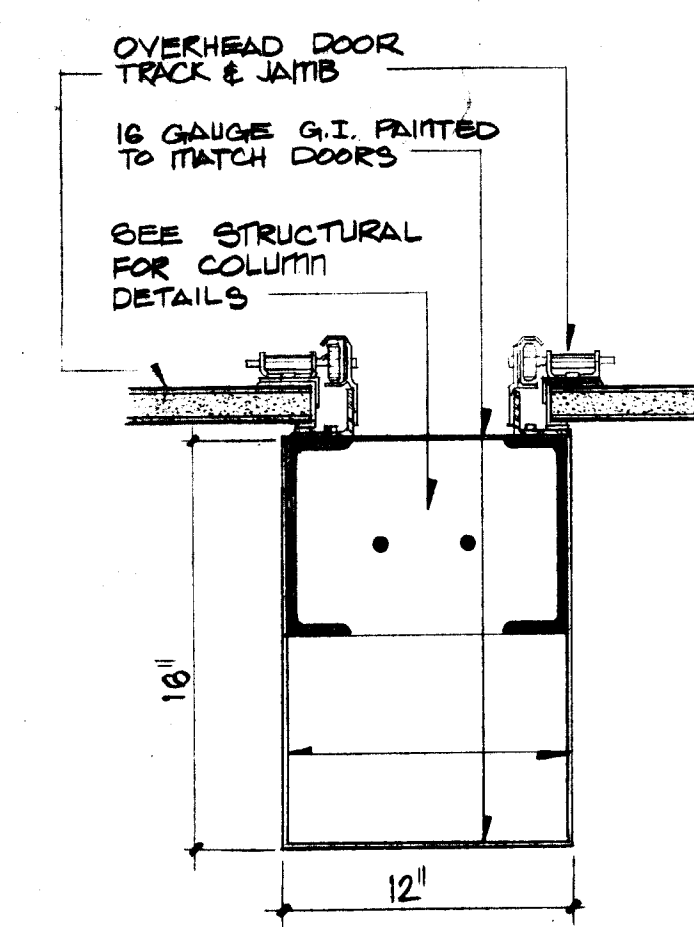
WEST ELEVATION
SCALE: 1/8" = 1'-0"



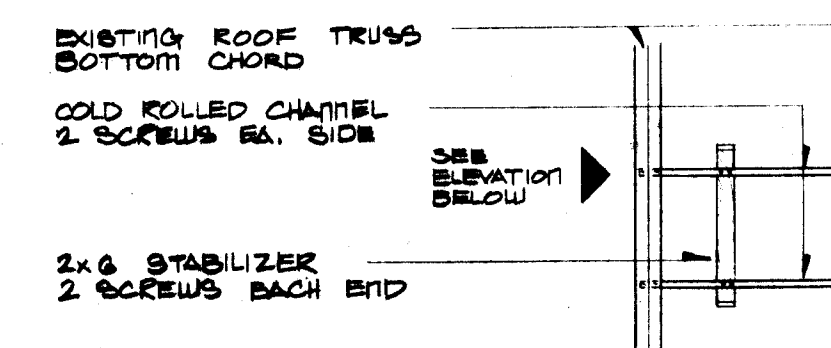
SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



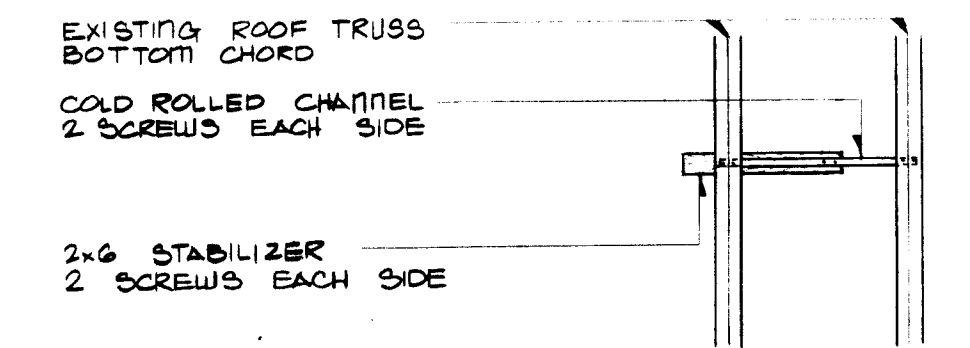
NORTH ELEVATION
SCALE: 1/8" = 1'-0"



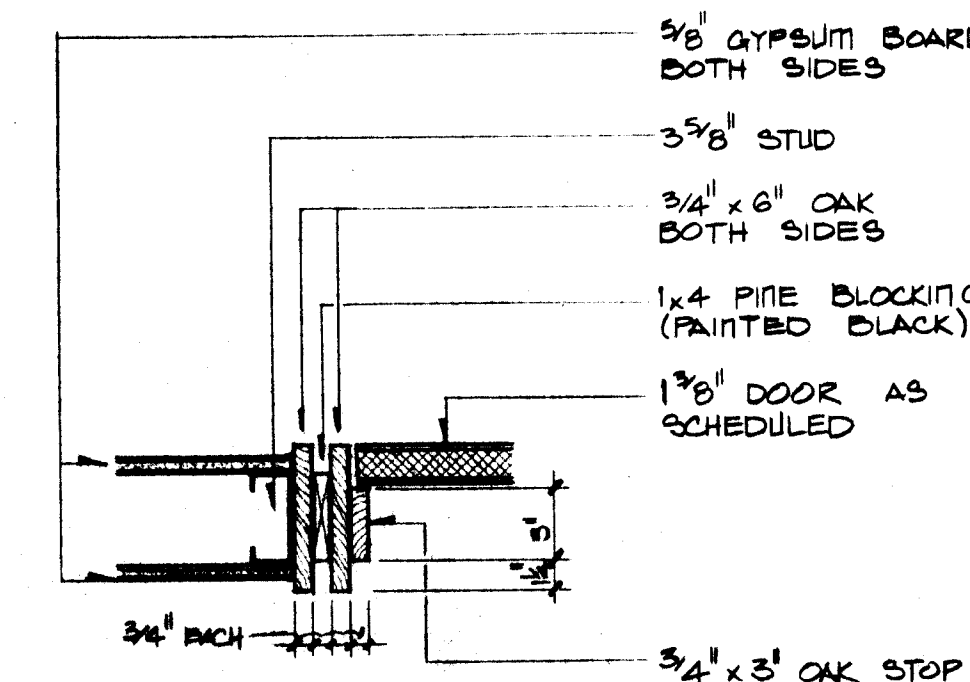
1 OVERHEAD JAMB - CENTER
A-5 1/2" = 1'-0"



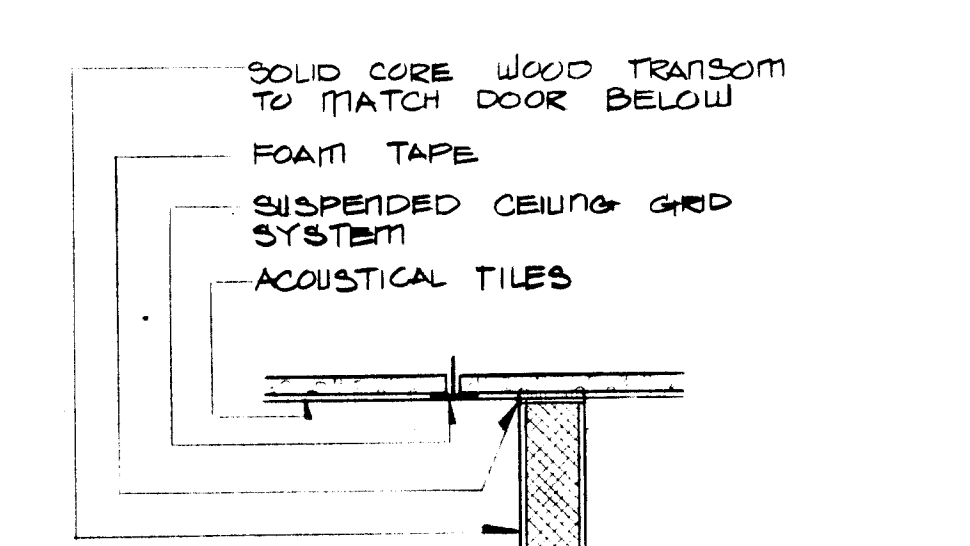
2 OVERHEAD JAMB - EAST
A-5 1/2" = 1'-0"



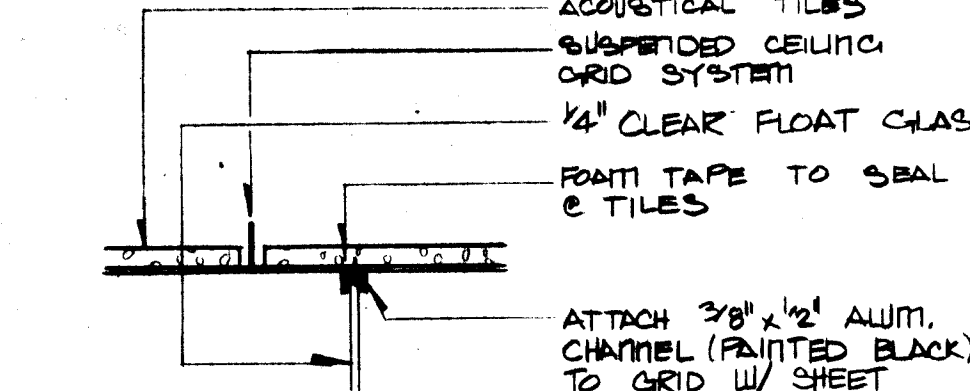
3 WOOD HEAD - PERPENDICULAR
A-5 1/2" = 1'-0"



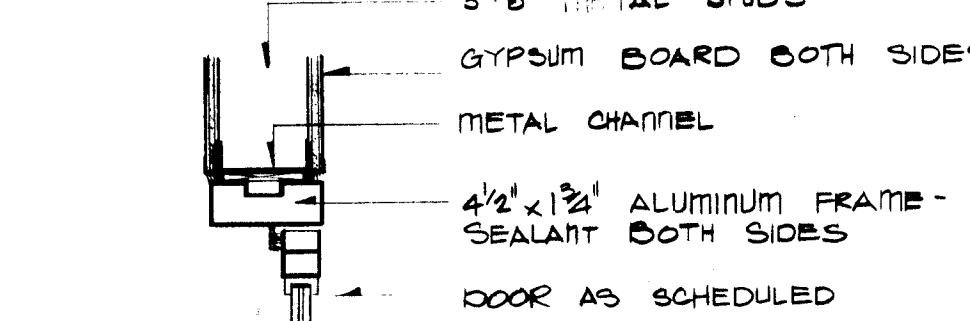
4 WOOD HEAD - PARALLEL
A-5 1/2" = 1'-0"



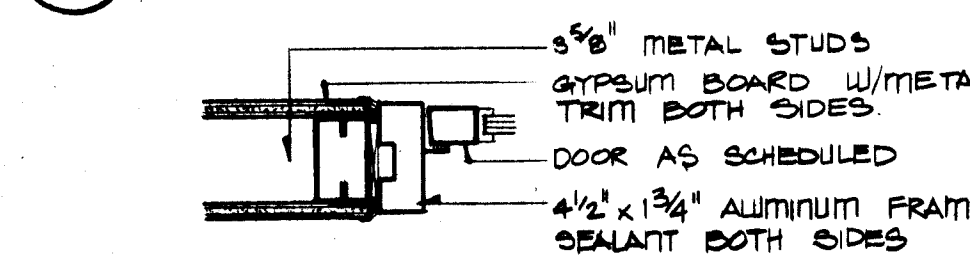
5 WOOD JAMB
A-5 1/2" = 1'-0"



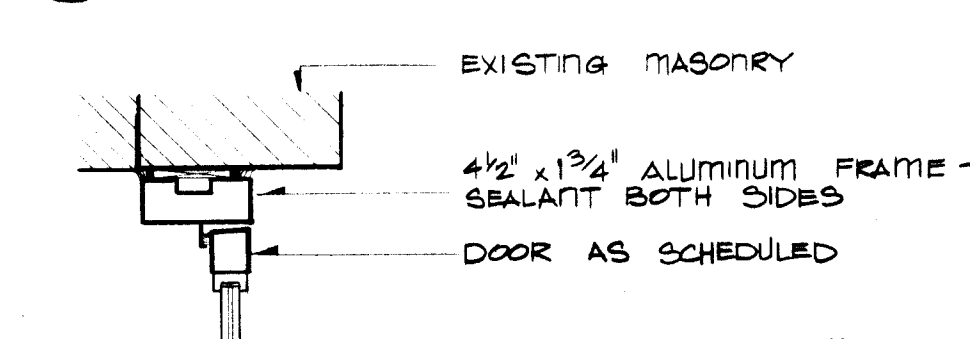
6 WOOD TRANSOM
A-5 3" = 1'-0"



7 GLASS TRANSOM
A-5 3" = 1'-0"



8 HEAD
A-5 1/2" = 1'-0"

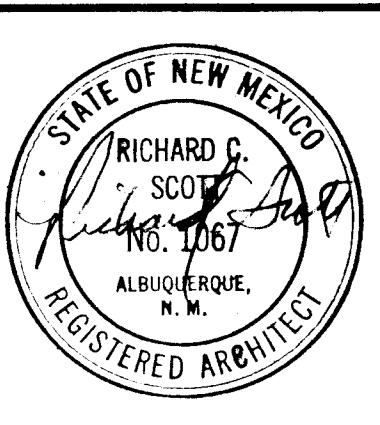


9 JAMB
A-5 1/2" = 1'-0"

10 HEAD
A-5 1/2" = 1'-0"

1	2	3	4	5	6	7	8	9	10	11	12
2	6	1	7	5	1	4	5	8	5		

AS BUILT 10/10/84



architect

engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

EXTERIOR ELEVATIONS
DOOR & WINDOW
DETAILS

project # 1751

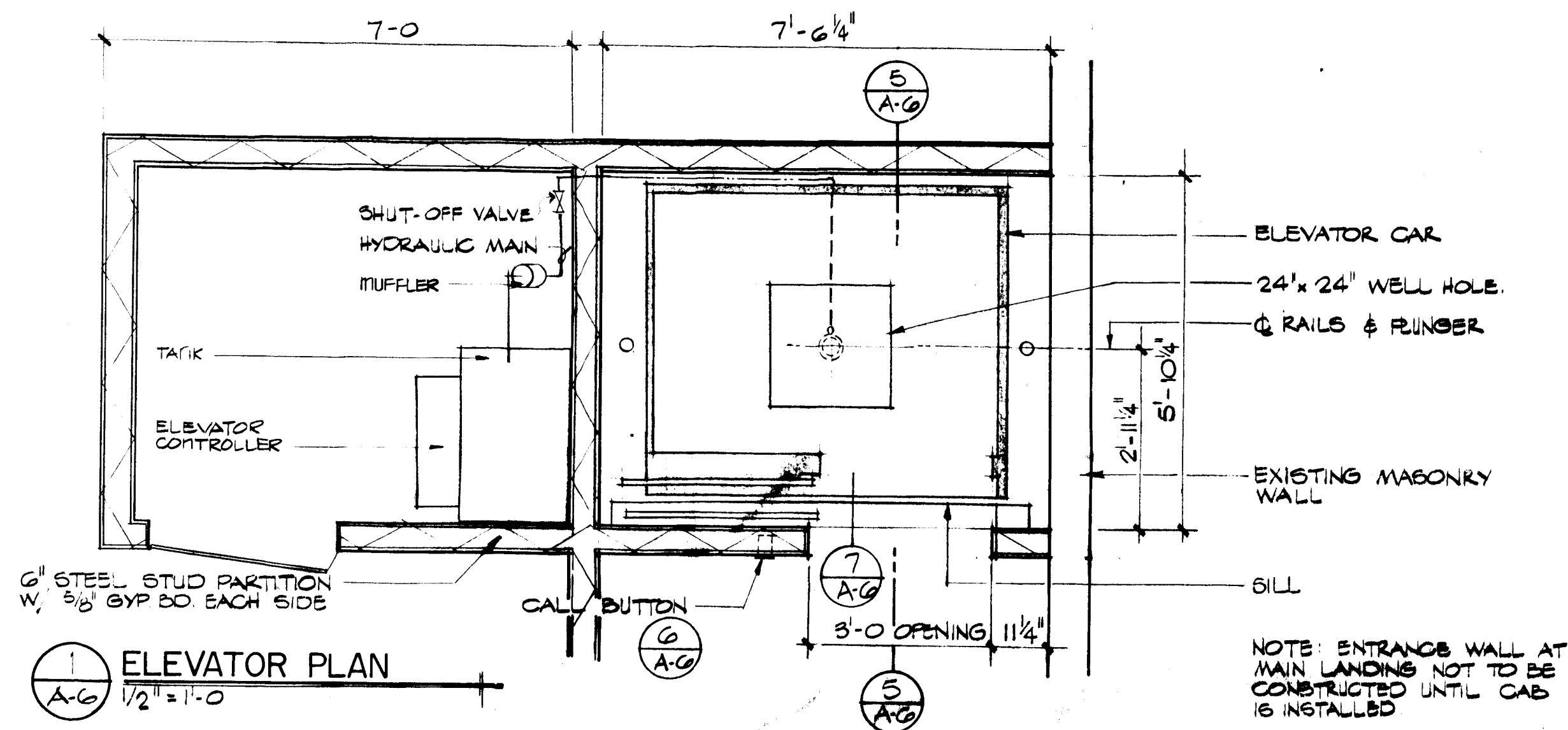
RENOVATION OF FIRE STATION # 1
724 SILVER AVENUE S.W.,
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

11-21-83

sheet no.

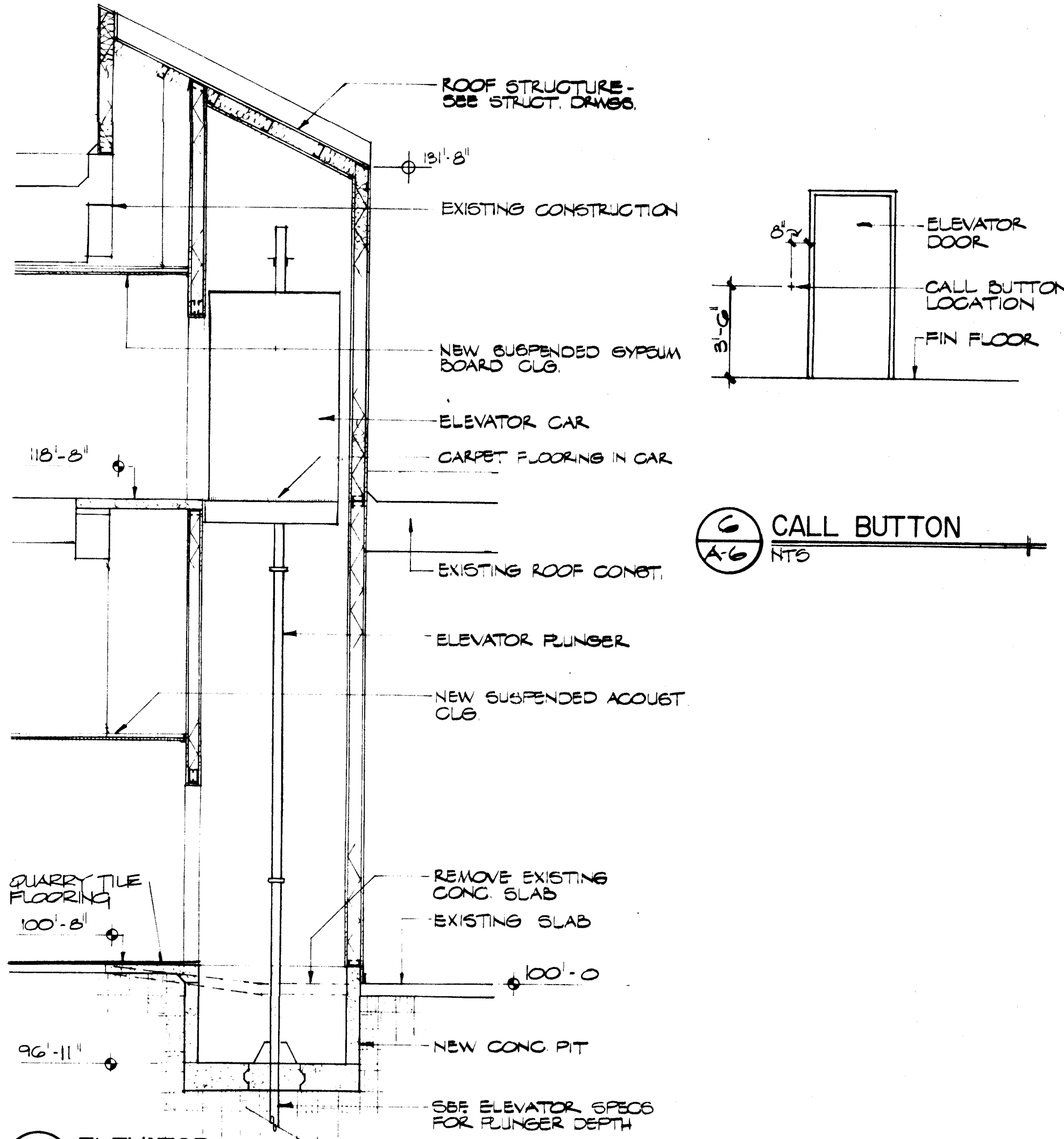
A-5



2 LANDING
A-6 1/2" = 1'-0"

3 LANDING/WALL
A-6 1/2" = 1'-0"

4 STAIR PLAN
A-6 1/4" = 1'-0"



5 ELEVATOR
A-6 1/4" = 1'-0"

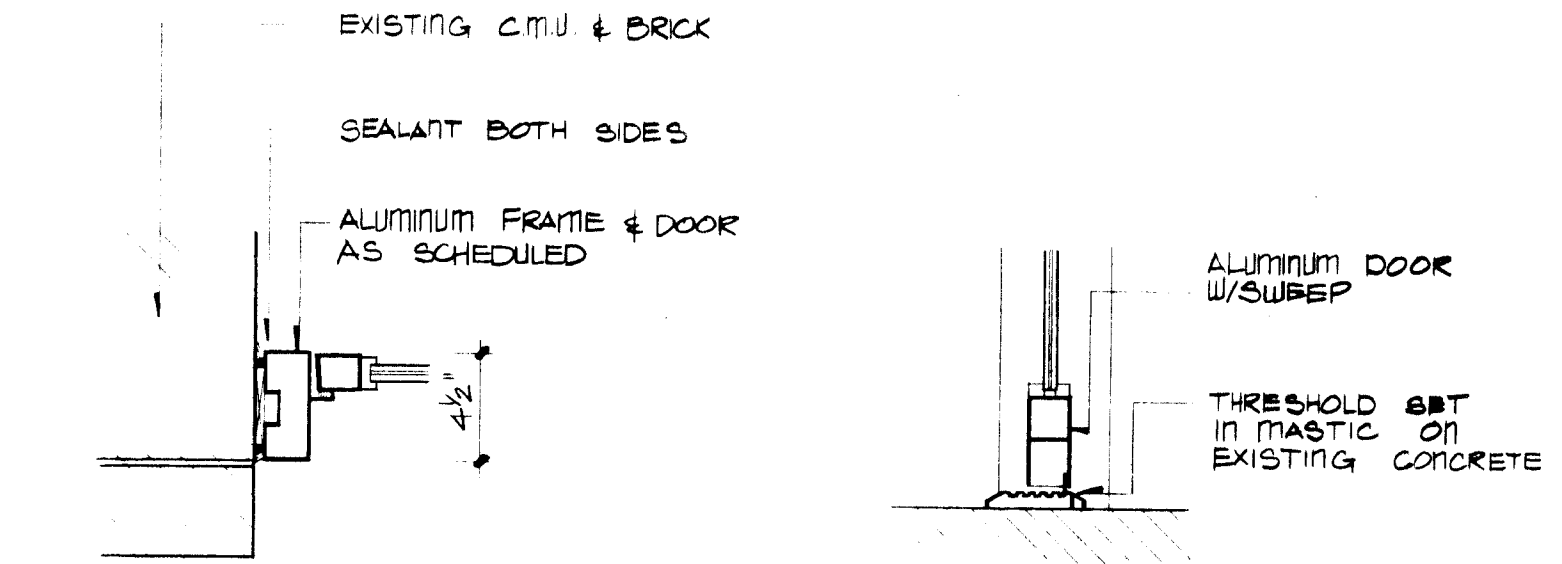
7 SILL
A-6 NTS

8 STRINGERS
A-6 1/2" = 1'-0"

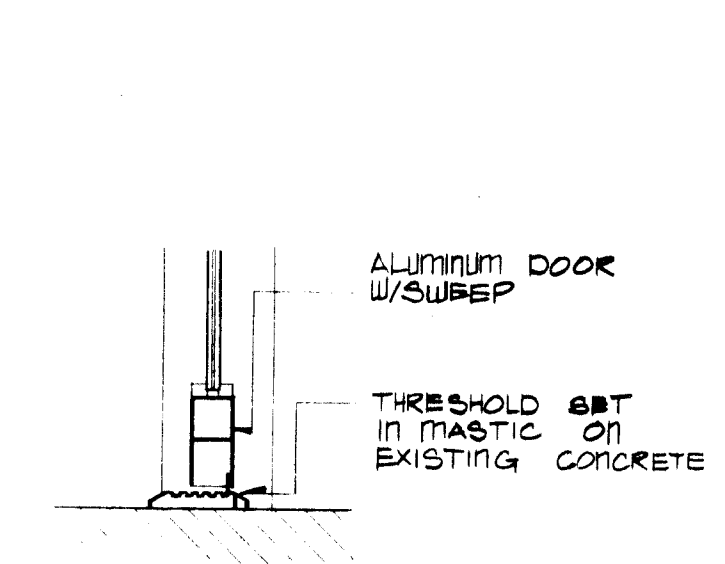
9 HANDRAIL DETAIL
A-6

10 UPPER LANDING
A-6 1/2" = 1'-0"

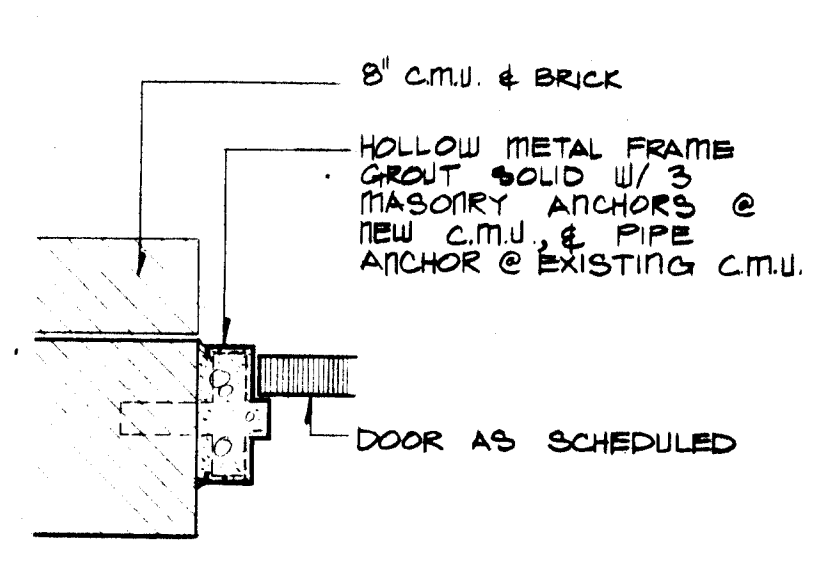
11 STAIR
A-6 3/8" = 1'-0"



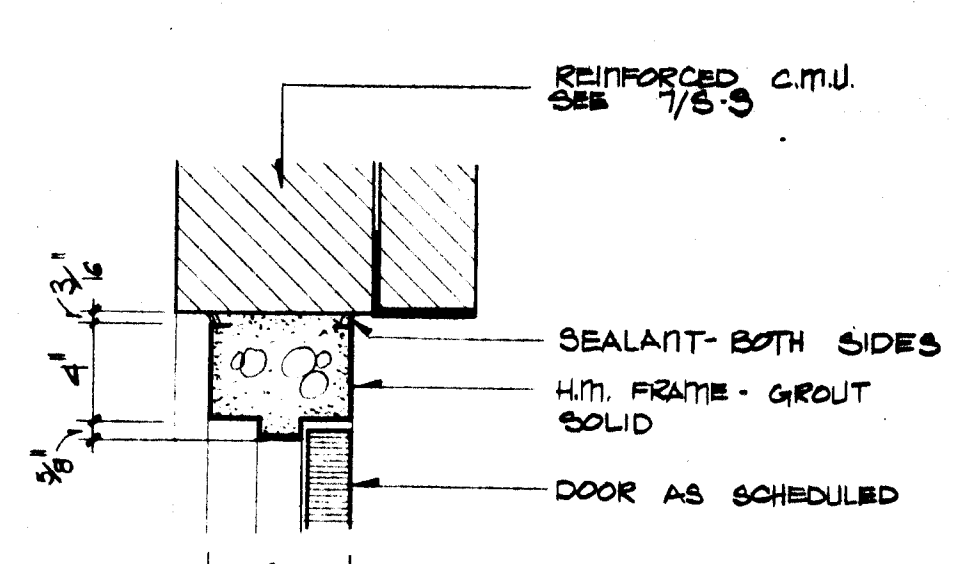
12 JAMB
A-6 1/2" = 1'-0"



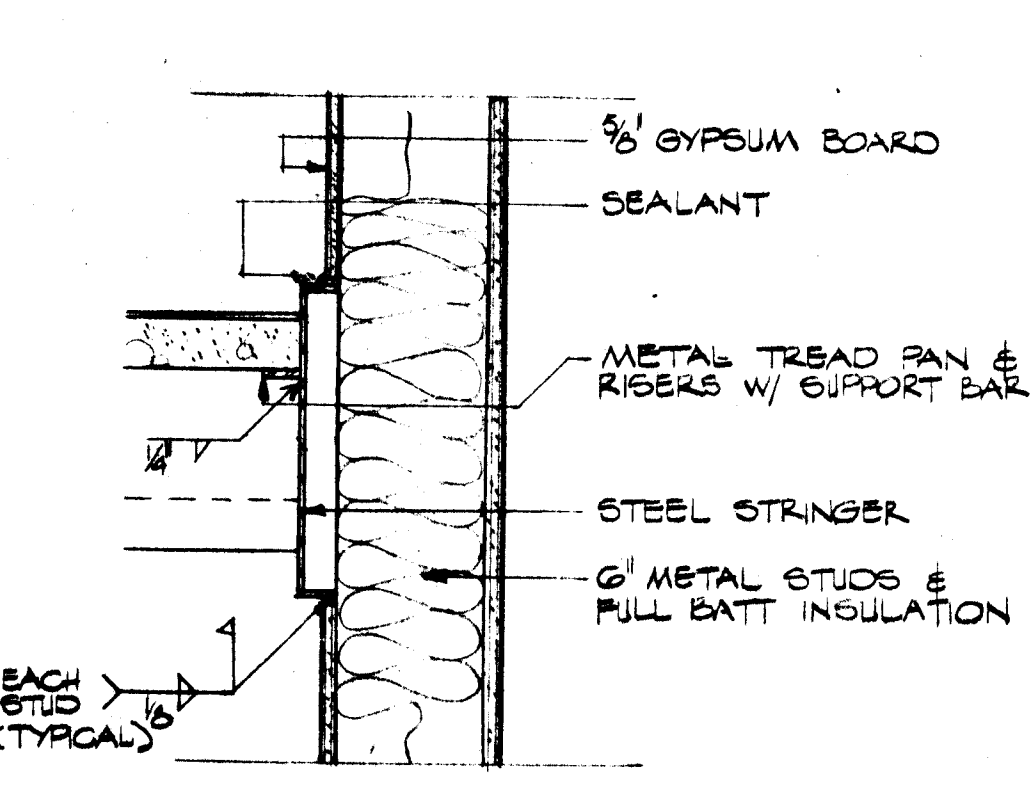
13 THRESHOLD
A-6 1/2" = 1'-0"



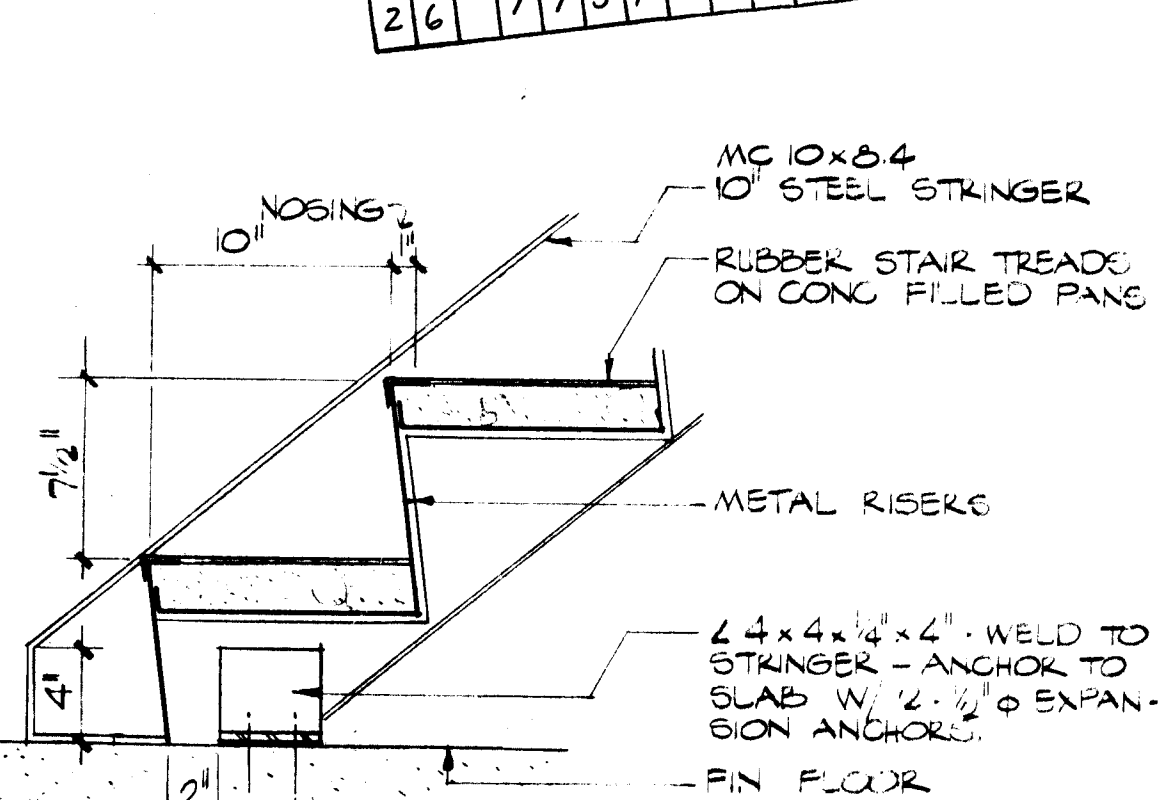
14 JAMB
A-6 1/2" = 1'-0"



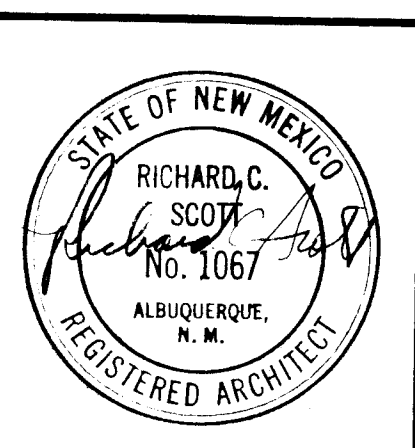
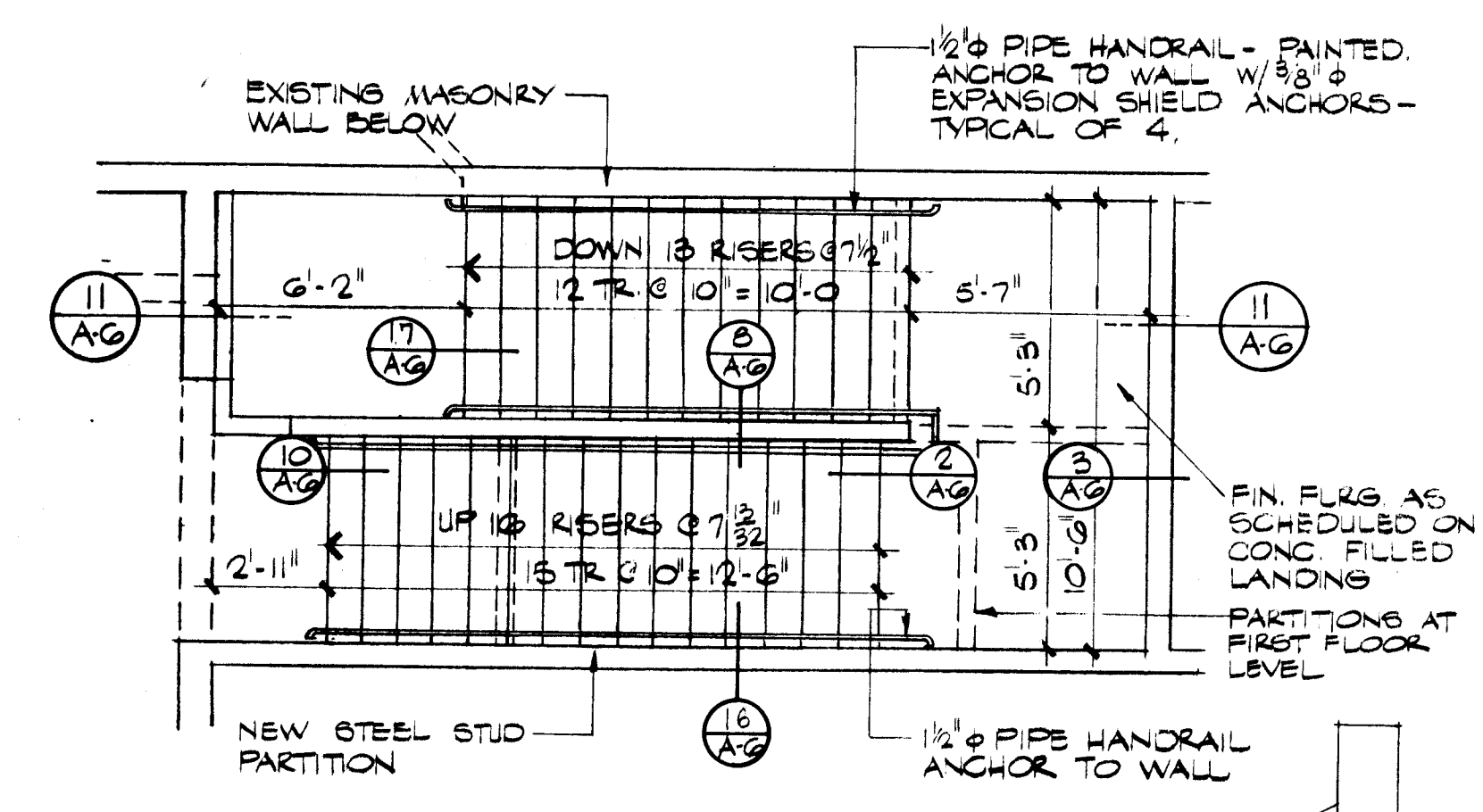
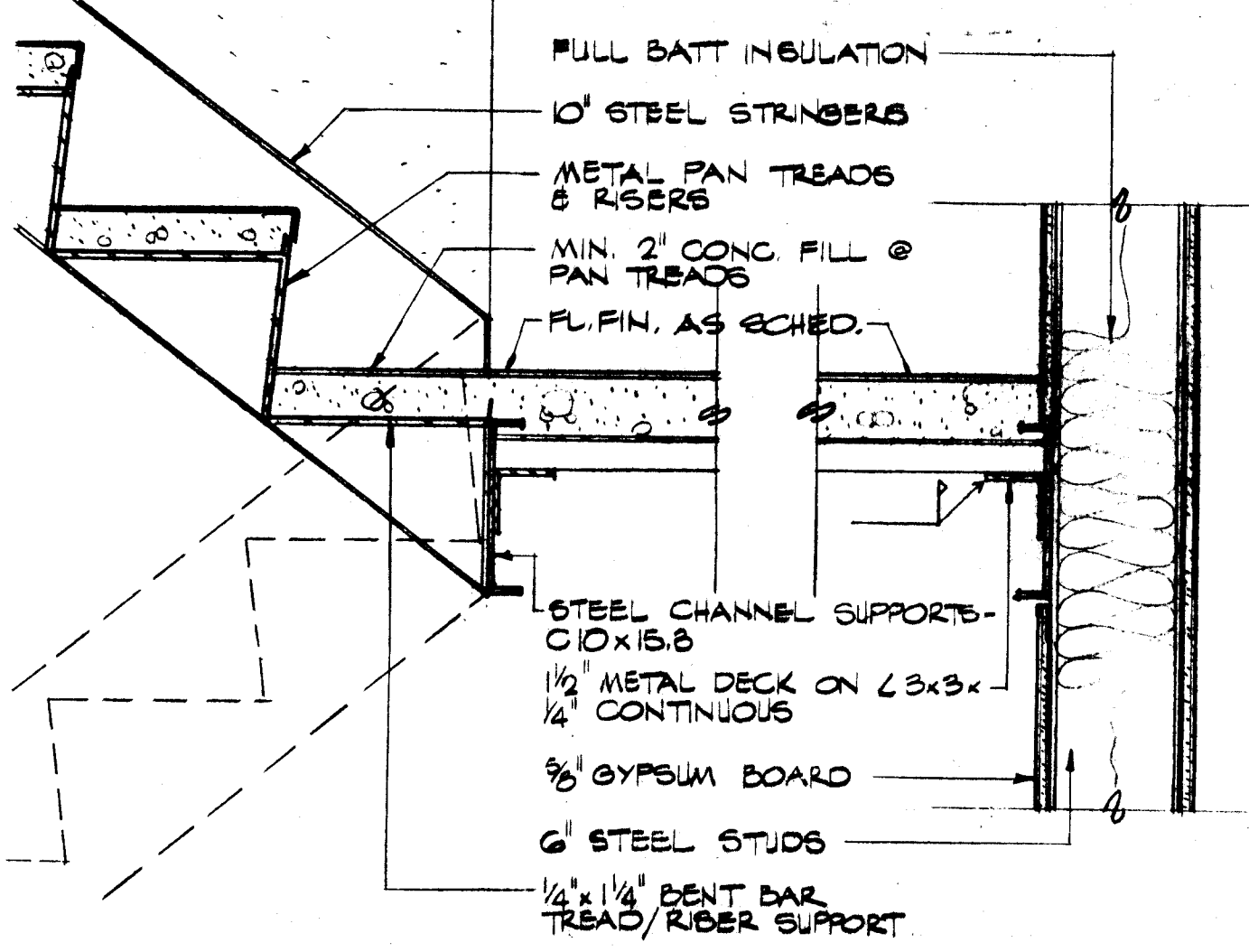
15 HEAD
A-6 1/2" = 1'-0"



16 STRINGER / WALL
A-6 1/2" = 1'-0"



17 BASE
A-6 1/2" = 1'-0"



architect

engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

STAIR PLAN &
DETAILS
ELEVATOR PLAN
& DETAILS

project #1751

RENOVATION OF FIRE STATION #1
724 SILVER AVENUE, S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

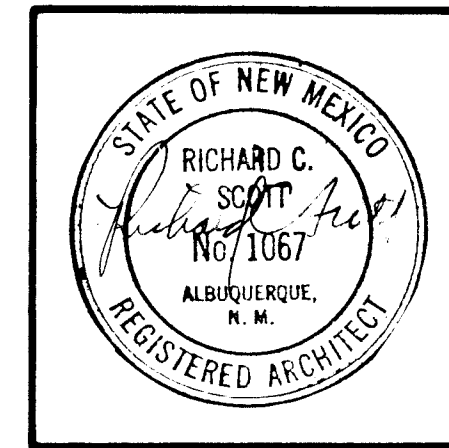
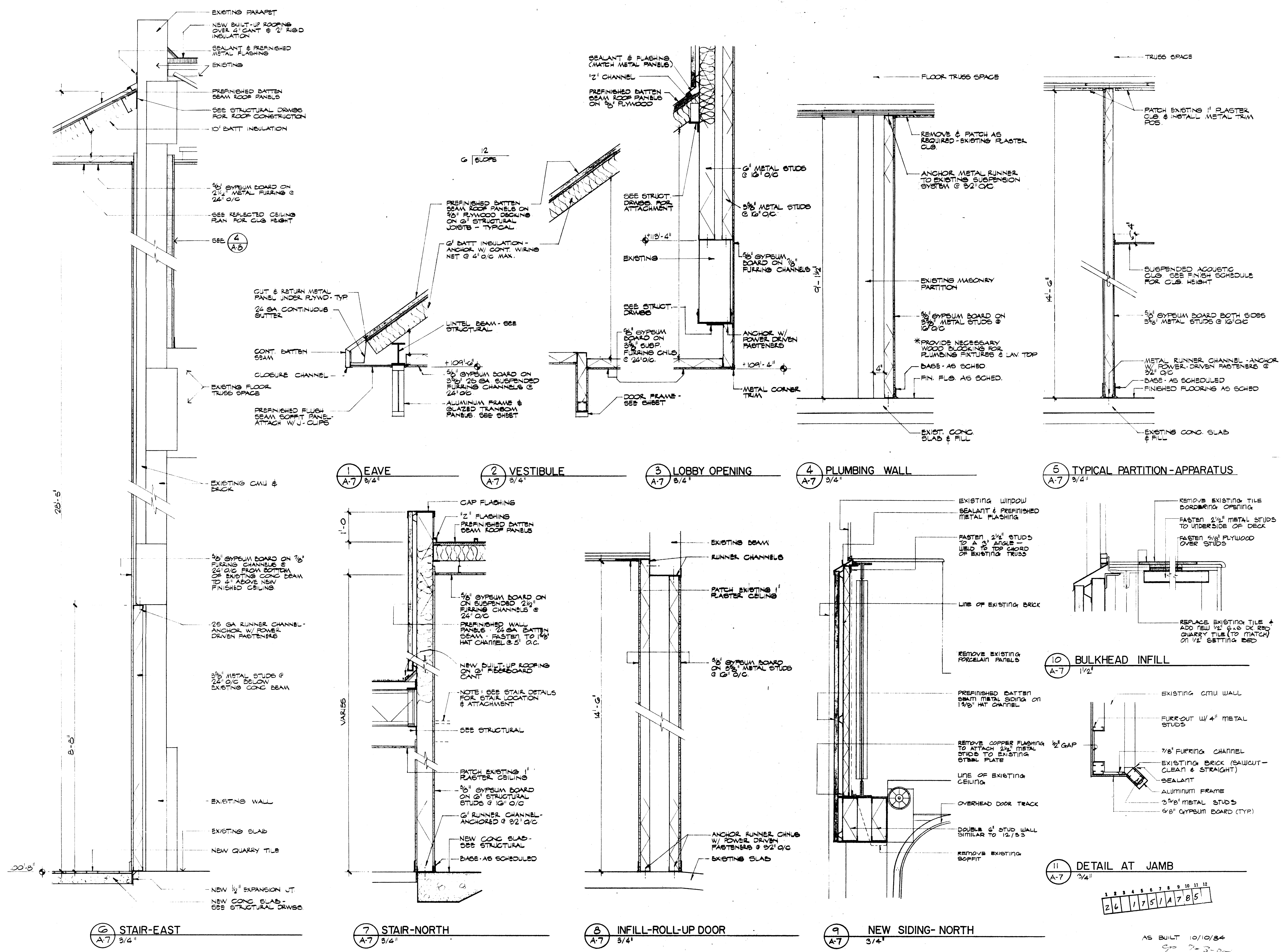
date

11-21-83

sheet no.

A-6

9-0 7-3-85-
AS BUILT 10/10/84



architect

engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

WALL SECTIONS

project #1751

RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

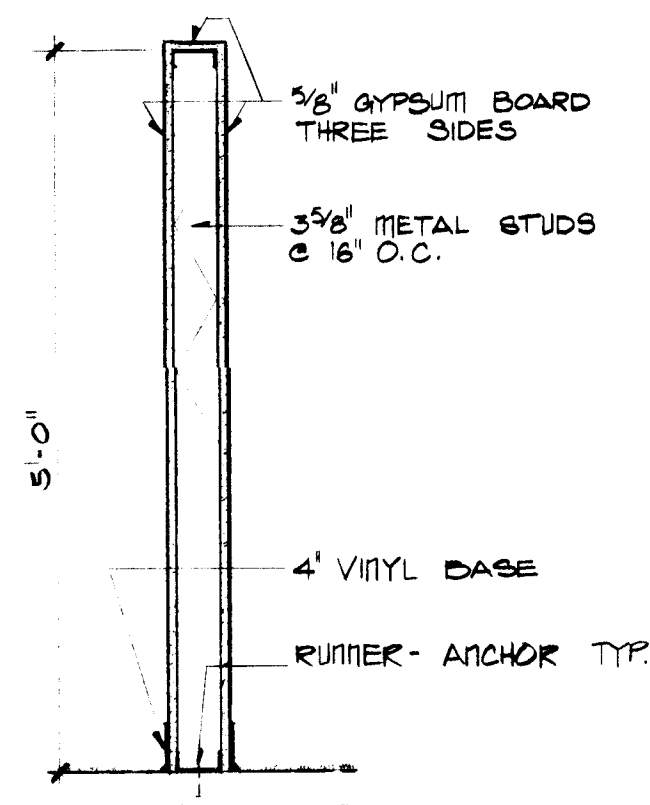
11-21-83

sheet no.

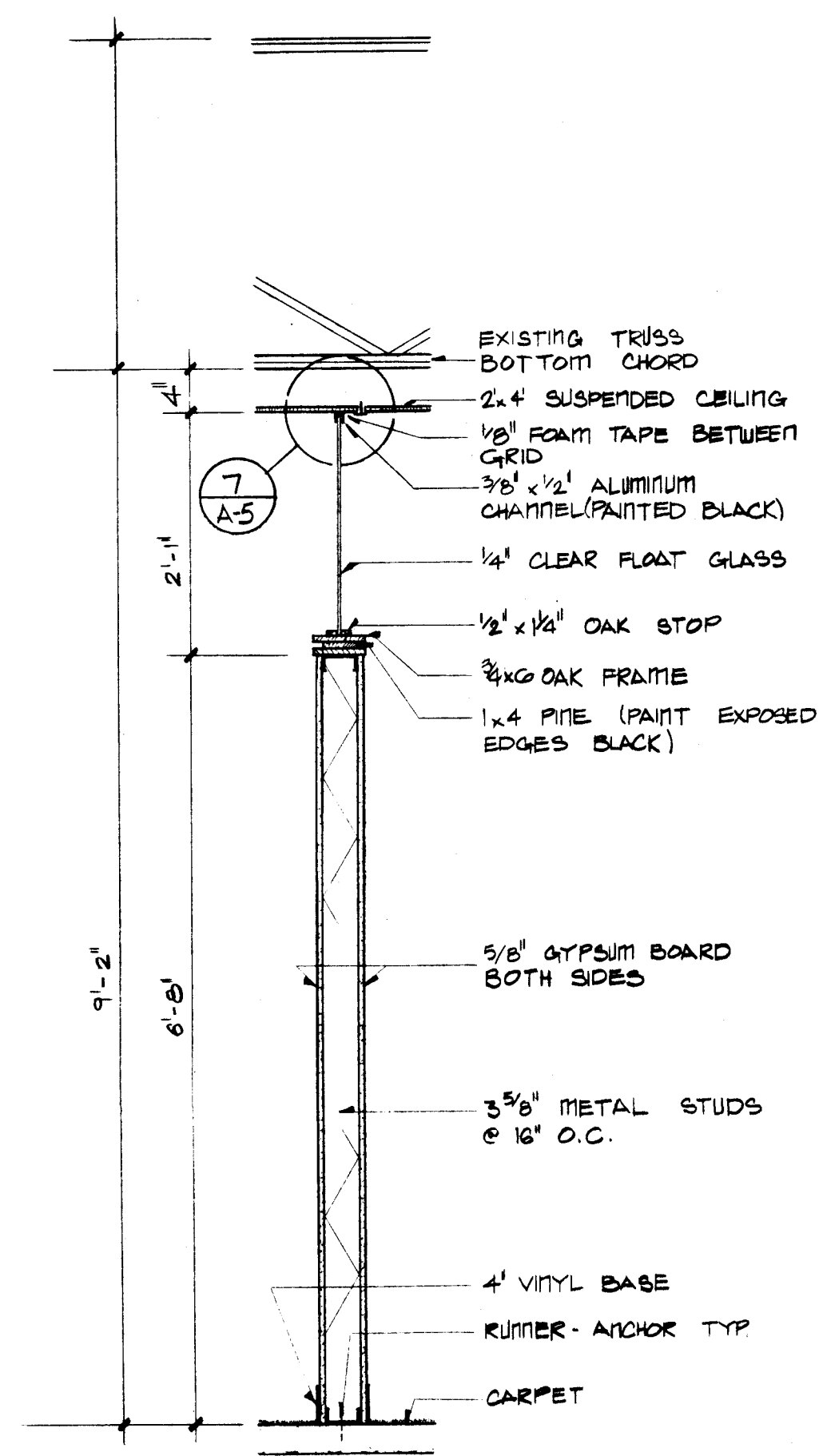
A-7

1	2	3	4	5	6	7	8	9	10	11	12
26	17	5	1	4	7	8	5				

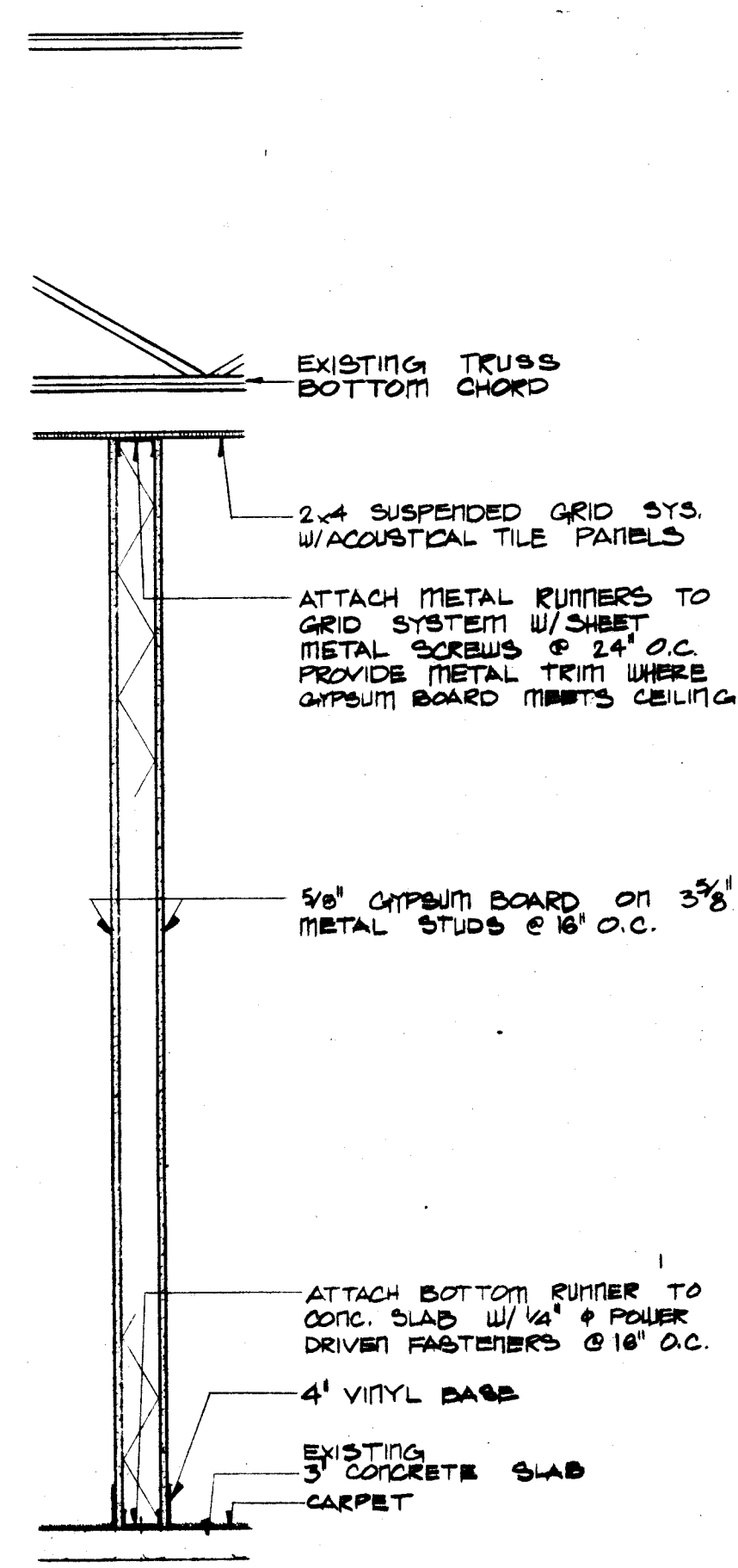
AS BUILT 10/10/84
90 7-3-85



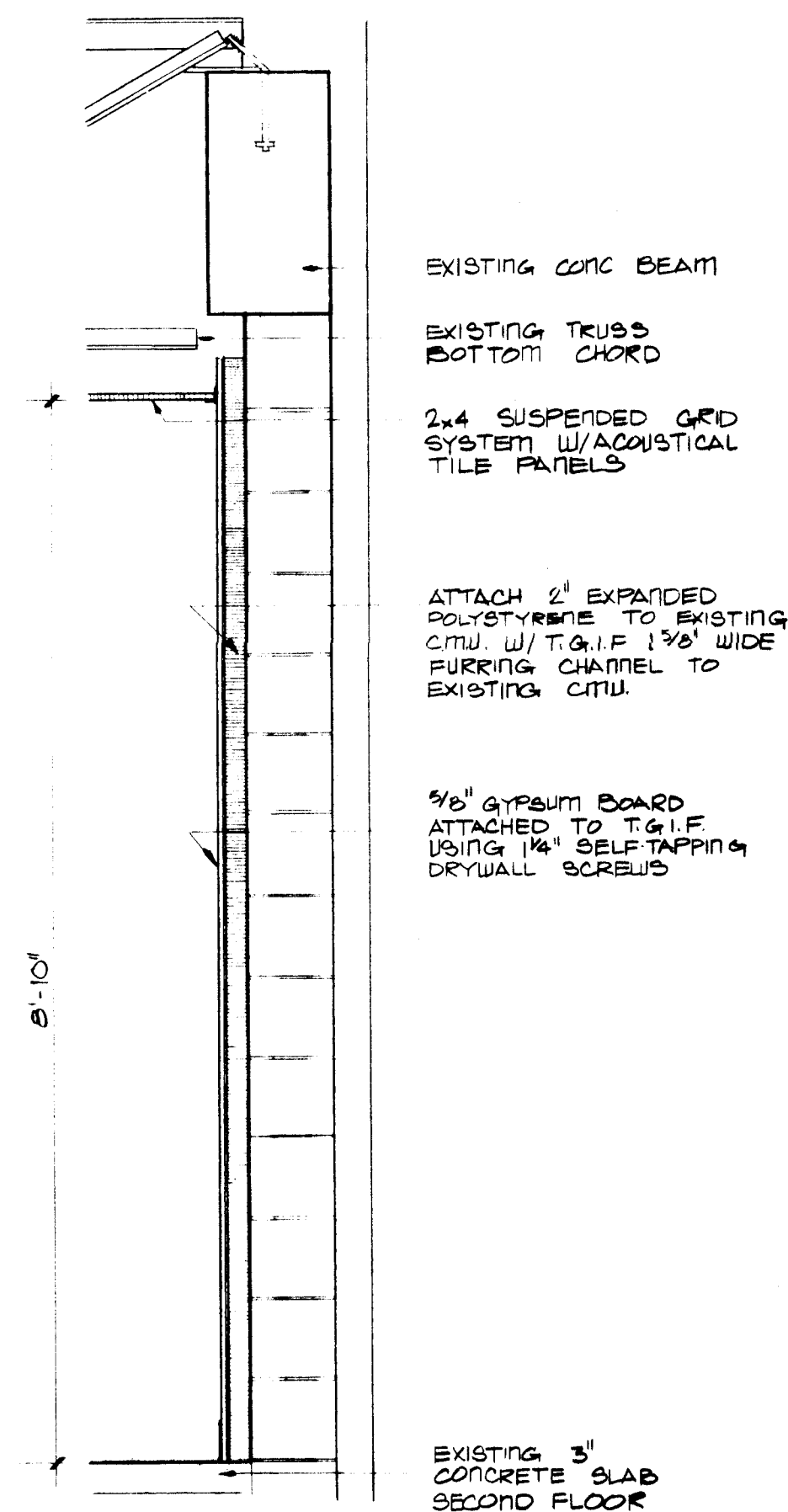
1 LOW PARTITION SECTION
A-B 3/4" = 1'-0"



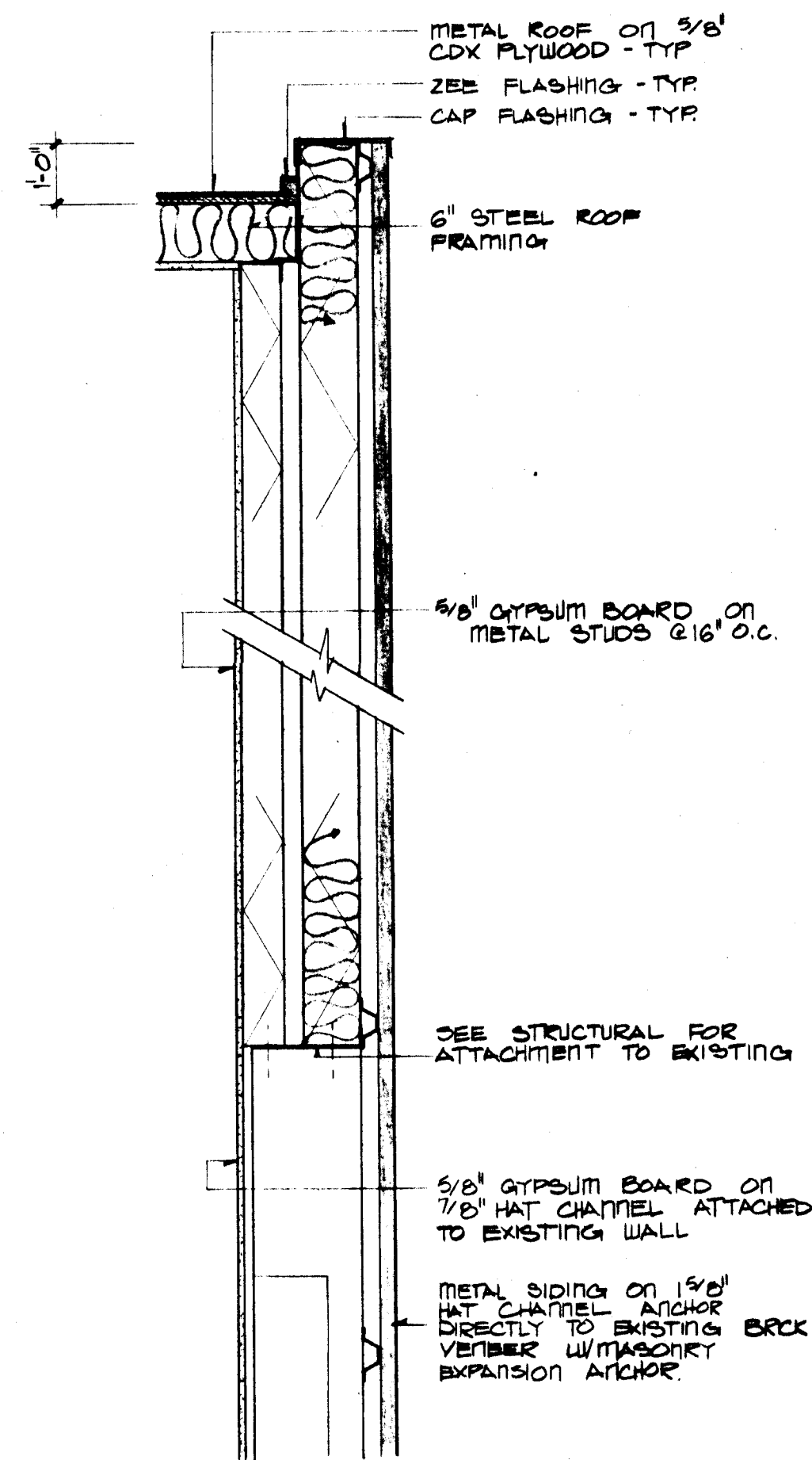
2 GLAZED PARTITION SECTION
A-B 3/4" = 1'-0"



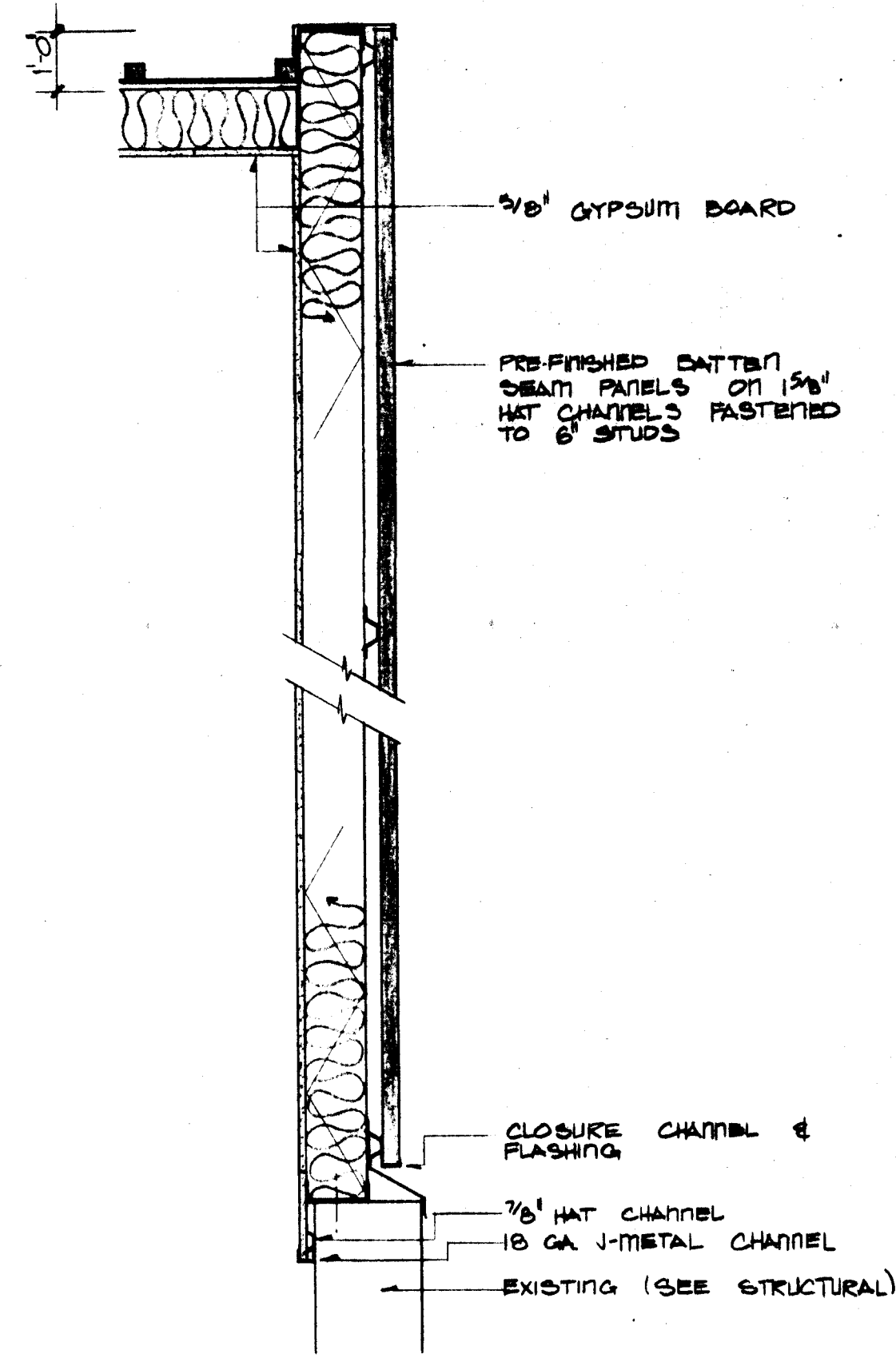
3 PARTITION SECTION
A-B 3/4" = 1'-0"



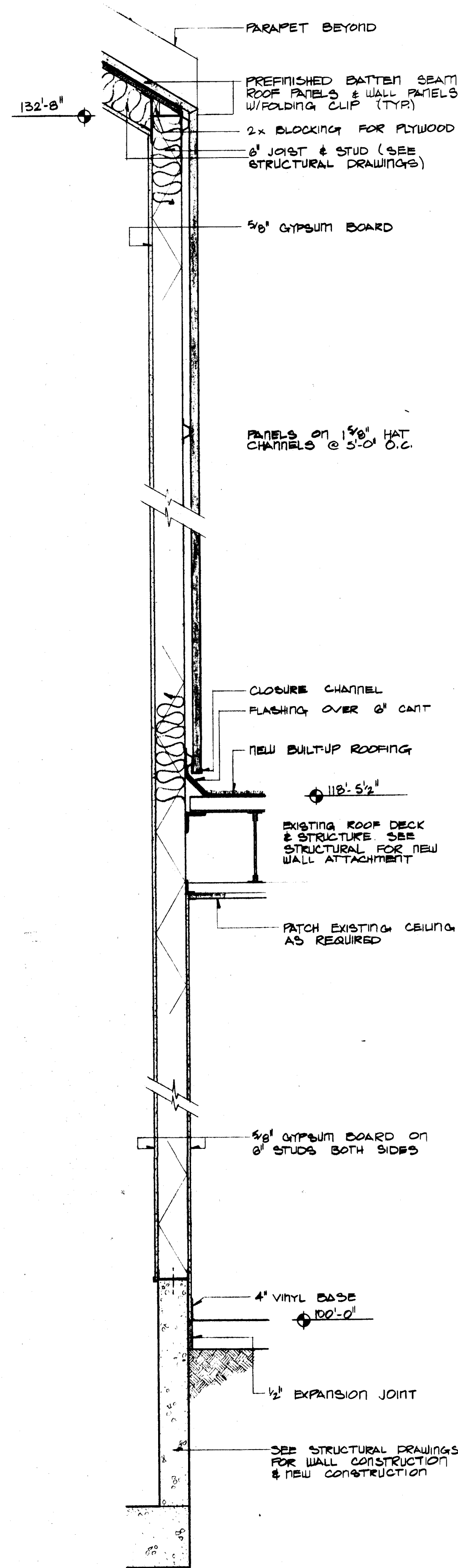
4 INSULATION APPLICATION
A-B 3/4" = 1'-0"



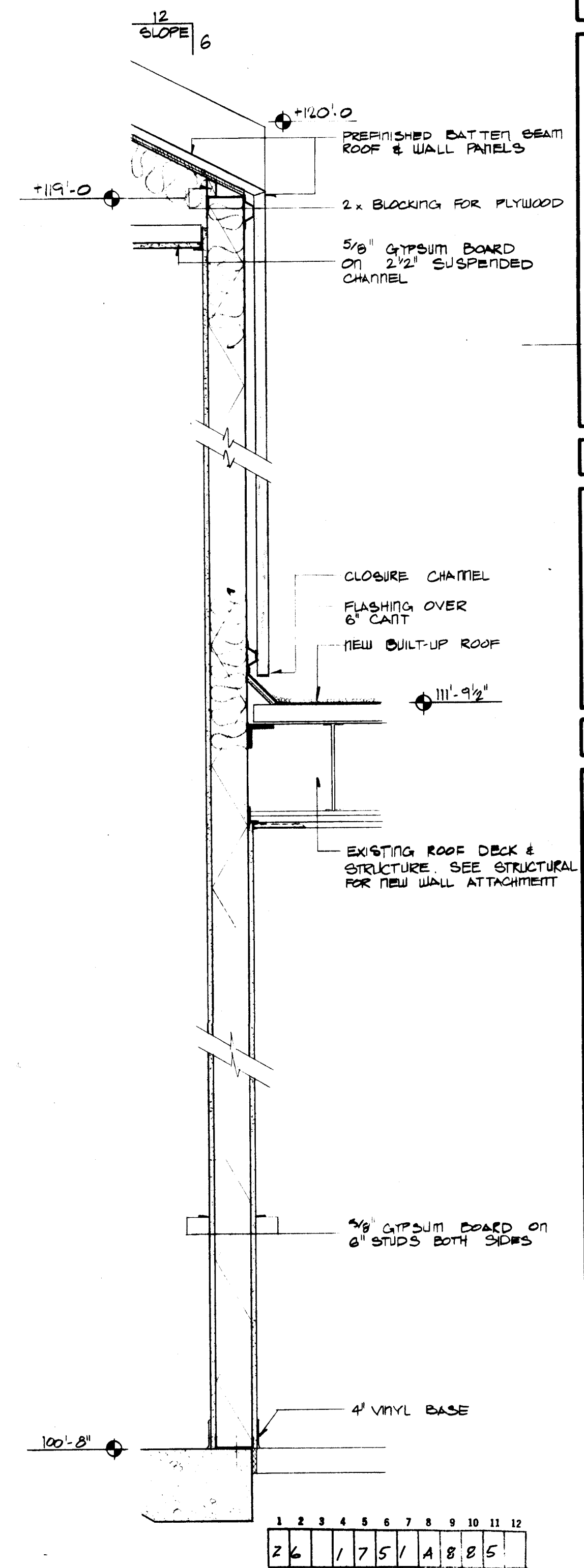
5 STAIR SOUTH
A-B 3/4" = 1'-0"



6 ELEVATOR WEST
A-B 3/4" = 1'-0"



7 ELEVATOR SOUTH
A-B 3/4" = 1'-0"



8 STAIR WEST
A-B 3/4" = 1'-0"

AS BUILT 10/10/84
Cp 7-3-85



architect

engineer

LONG & WATERS
PA AIA



ARCHITECTS
ENGINEERS
PLANNERS

sheet title

WALL SECTIONS

project #1751

RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO

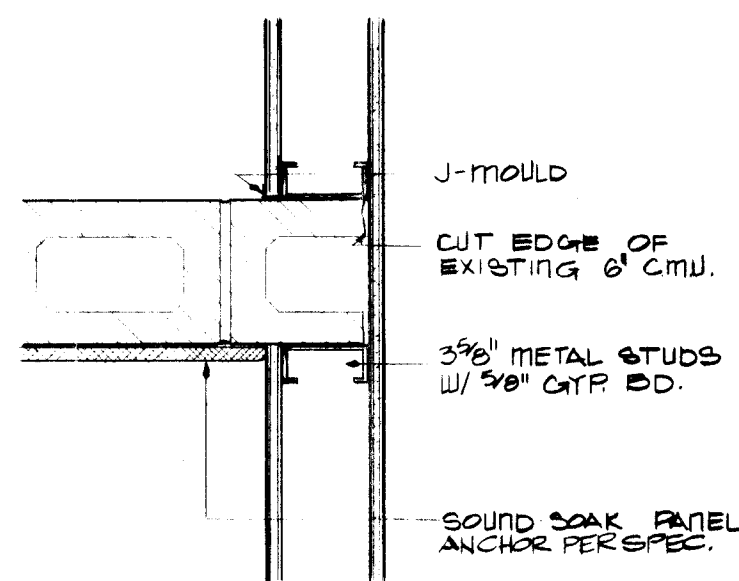
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

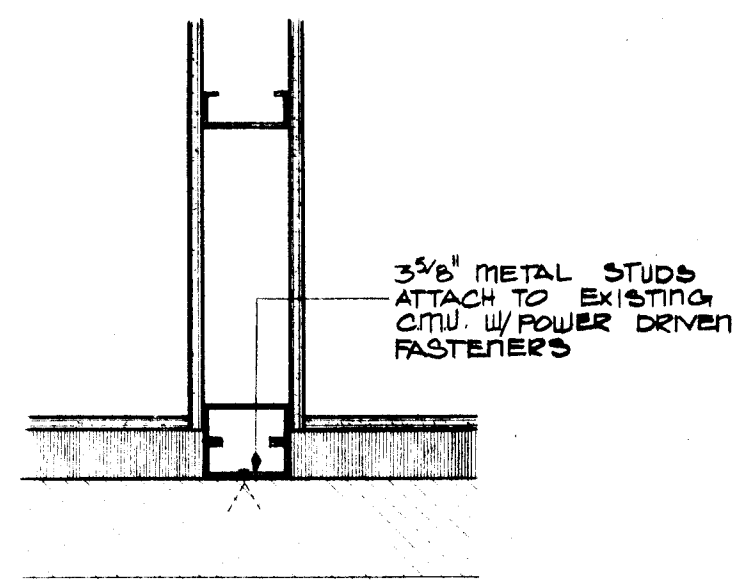
11-21-83

sheet no.

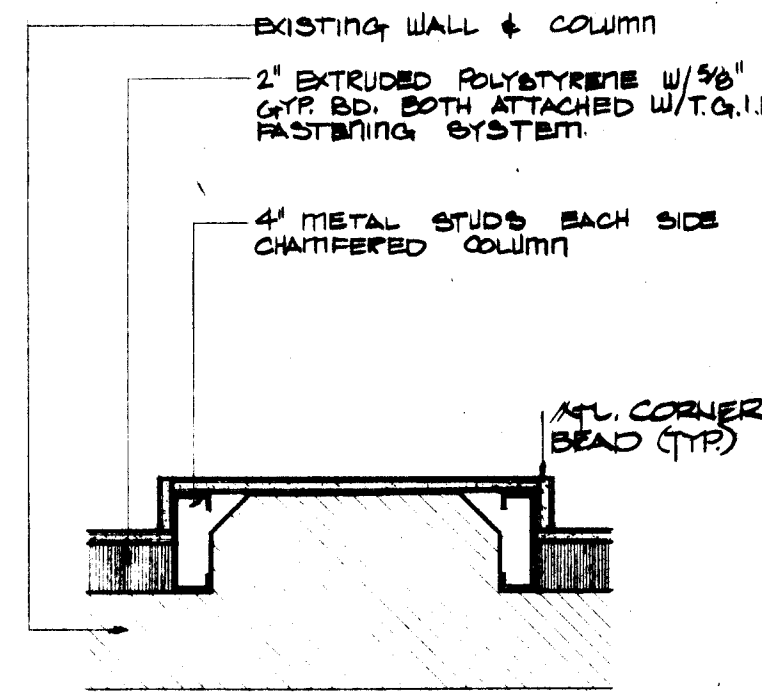
A-8



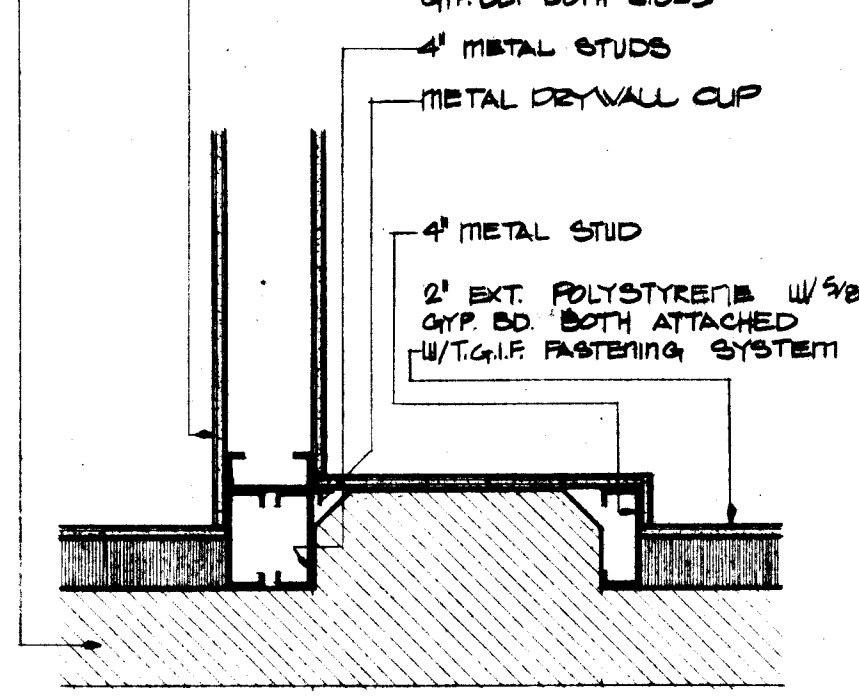
1 CUT CMU TREATMENT
1/2" = 1'-0"



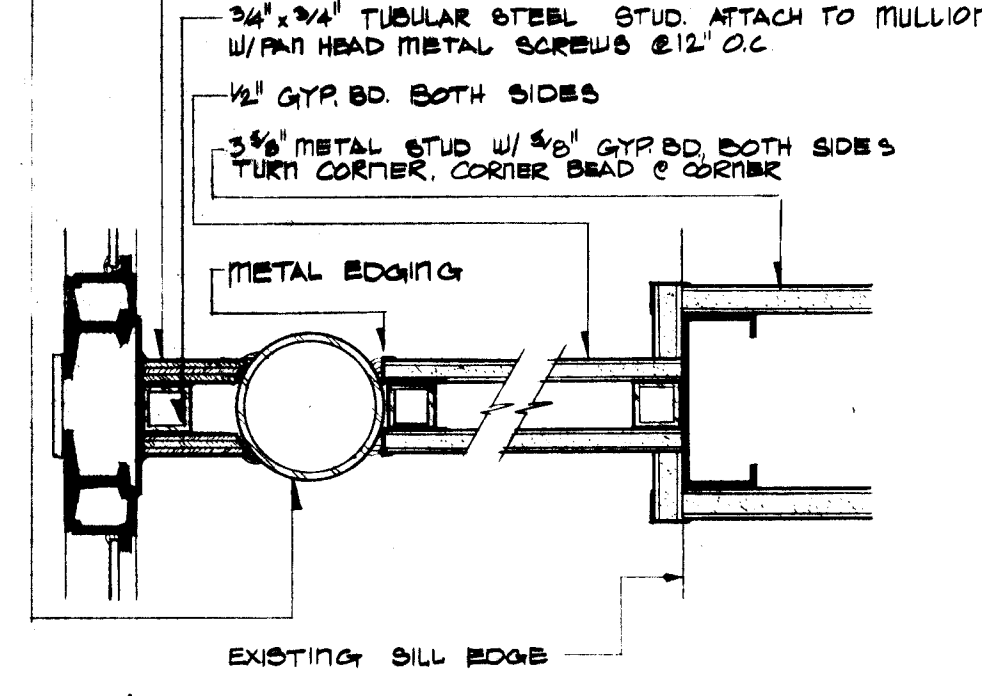
2 STUD WALL TO CMU
1/2" = 1'-0"



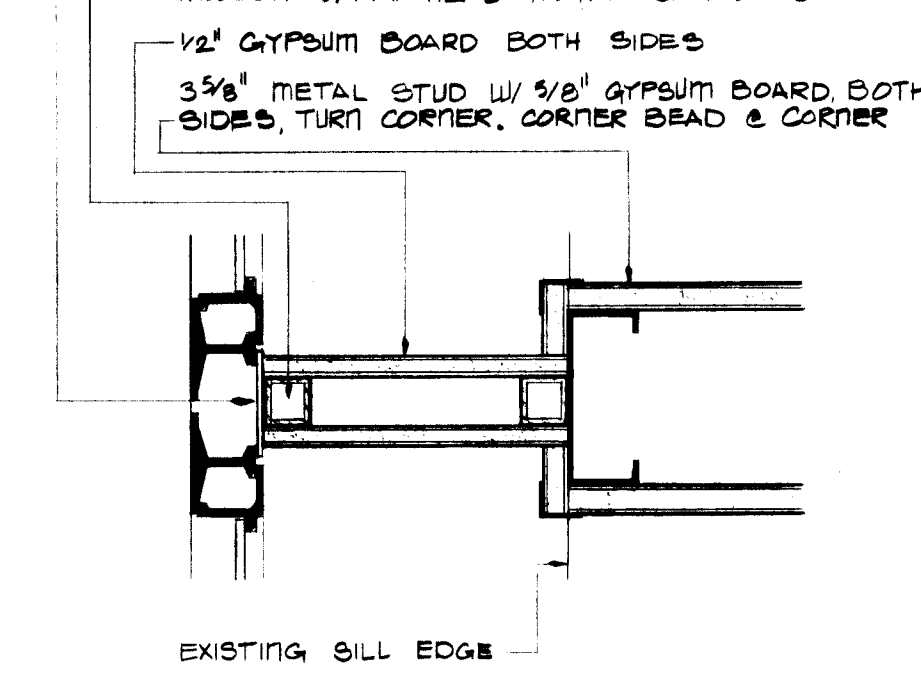
3 COLUMN TREATMENT
1/2" = 1'-0"



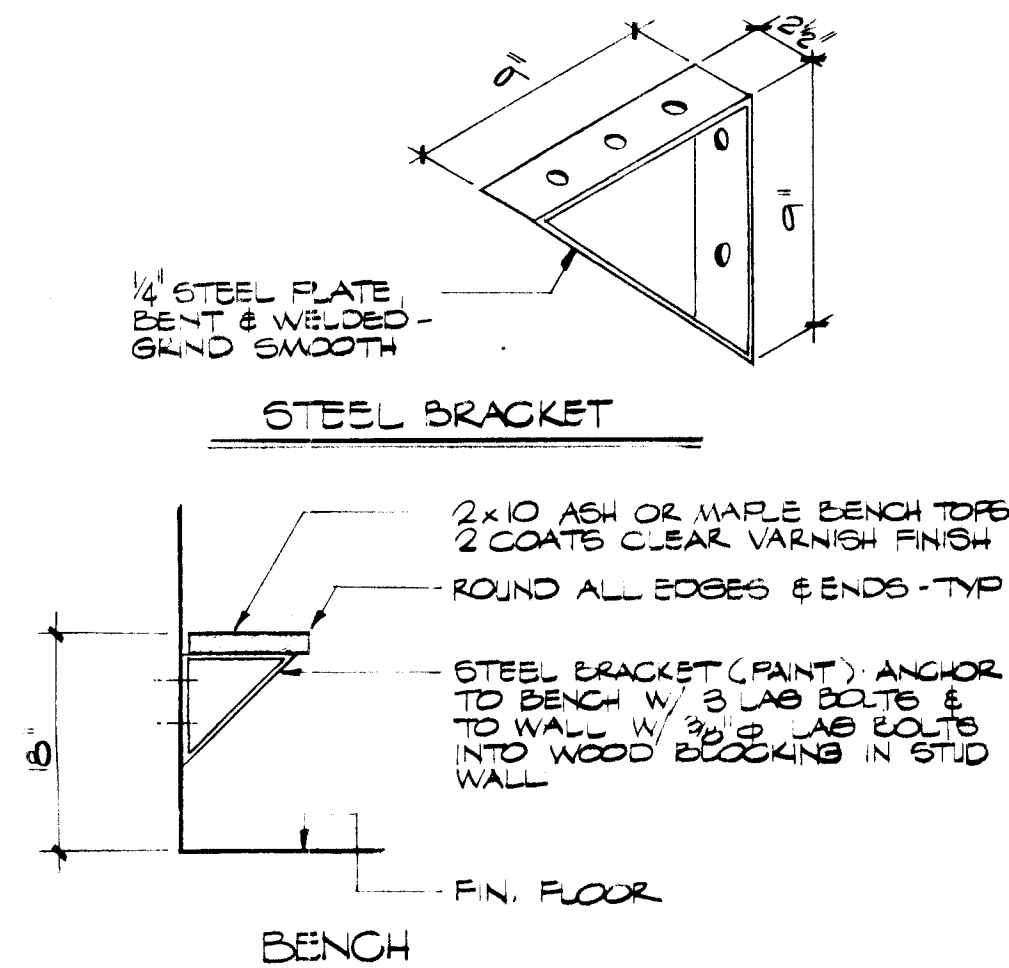
4 WALL TO COLUMN
1/2" = 1'-0"



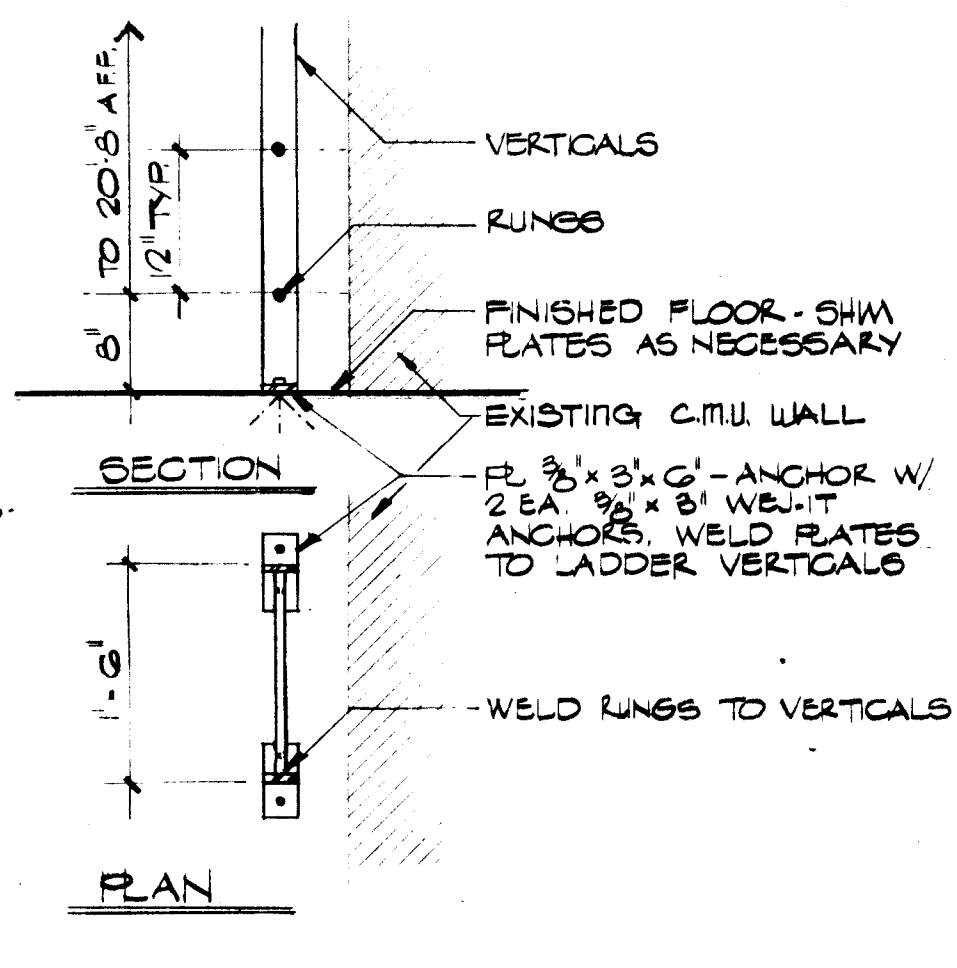
5 WALL TO MULLION
3/4" = 1'-0"



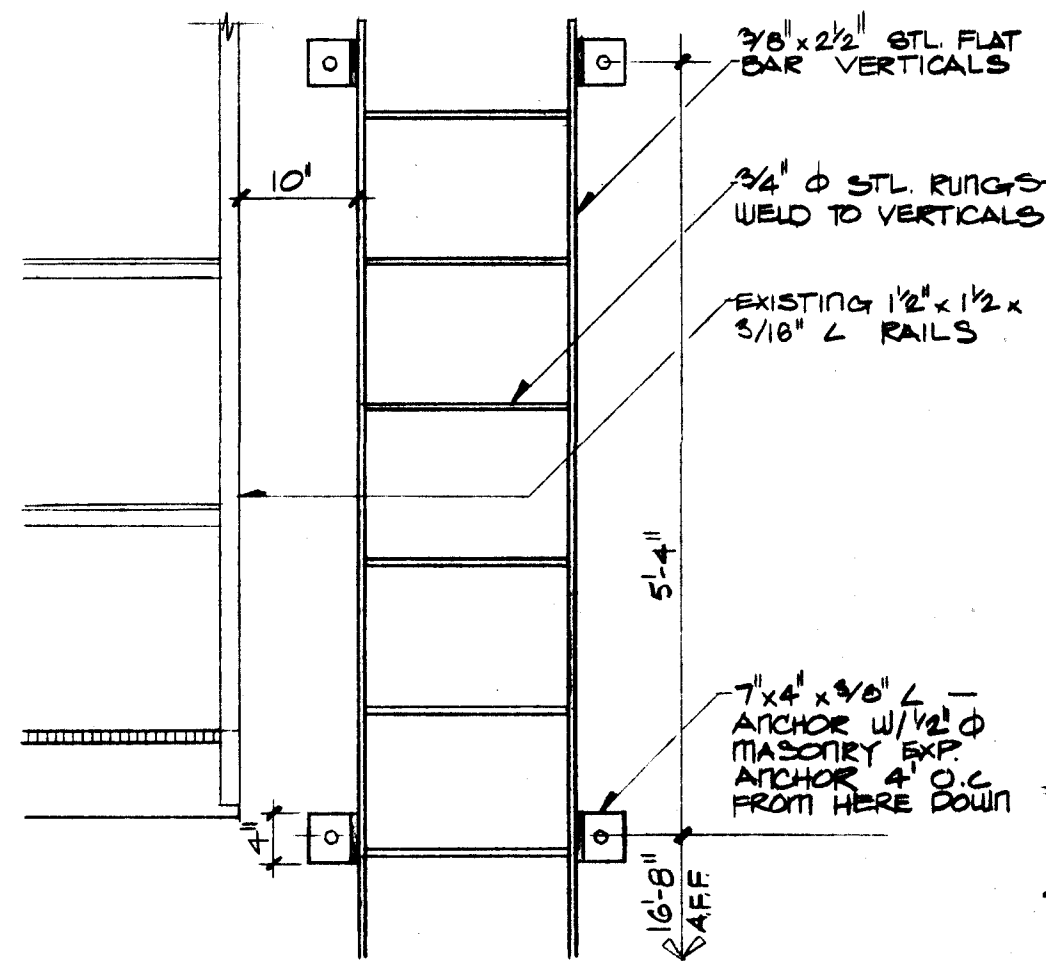
6 WALL TO MULLION
3/4" = 1'-0"



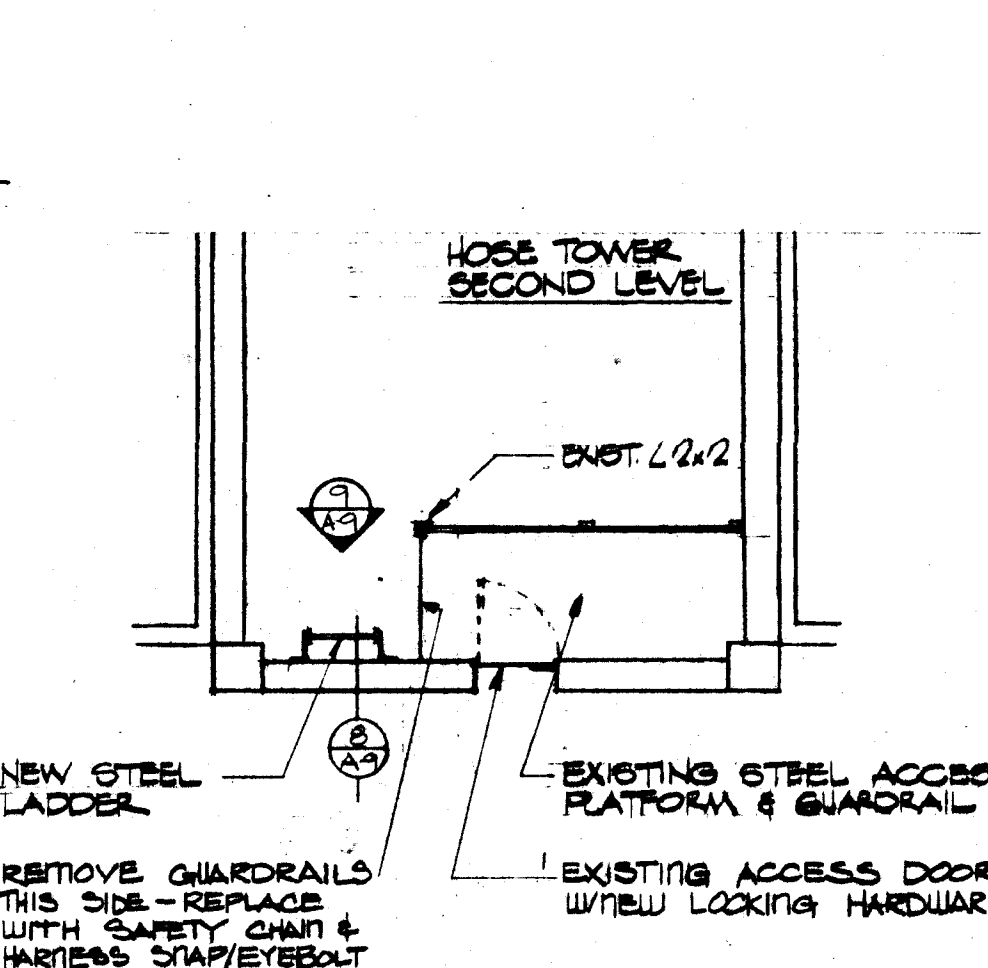
7 BENCH & BRACKET
3/4" = 1'-0"



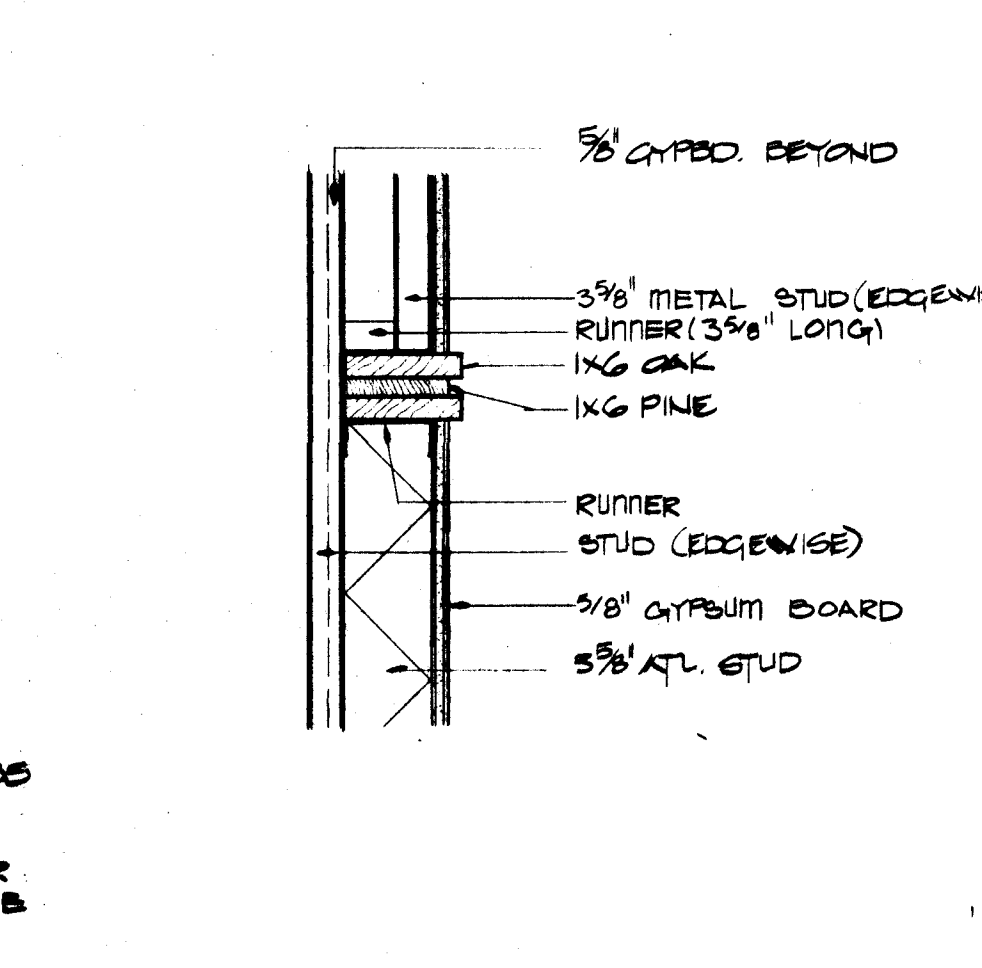
8 LADDER BASE
3/4" = 1'-0"



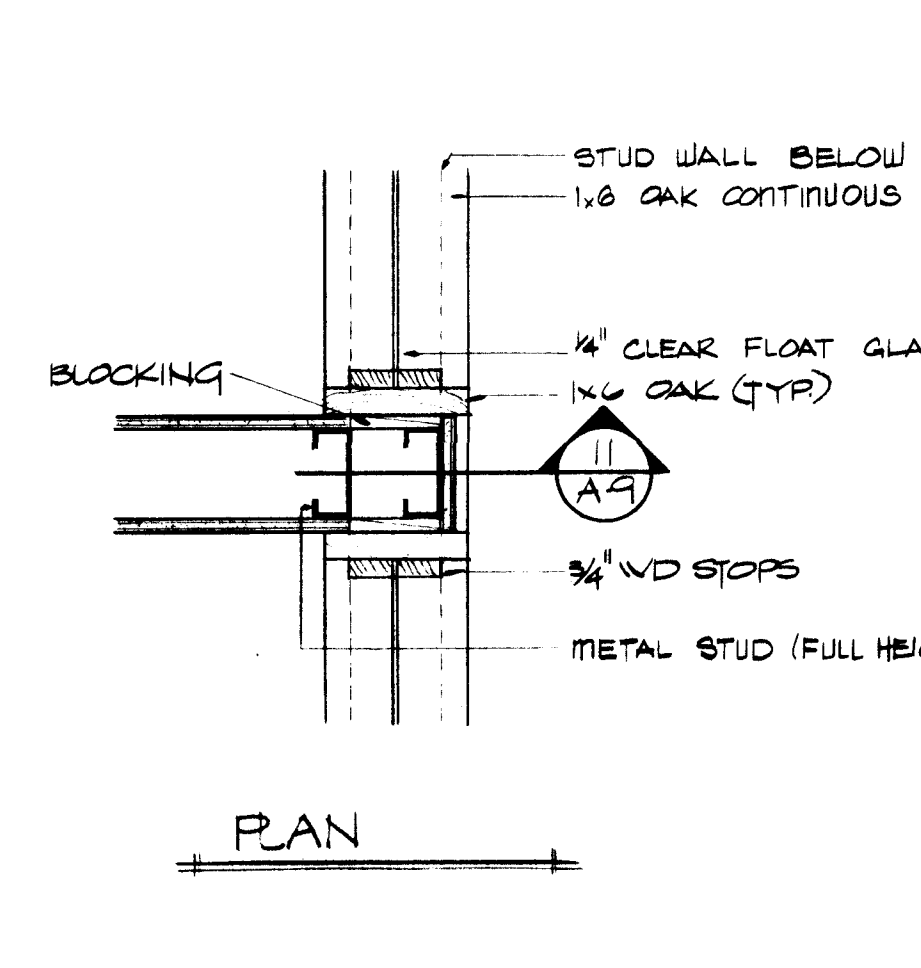
9 LADDER SECTION
3/4" = 1'-0"



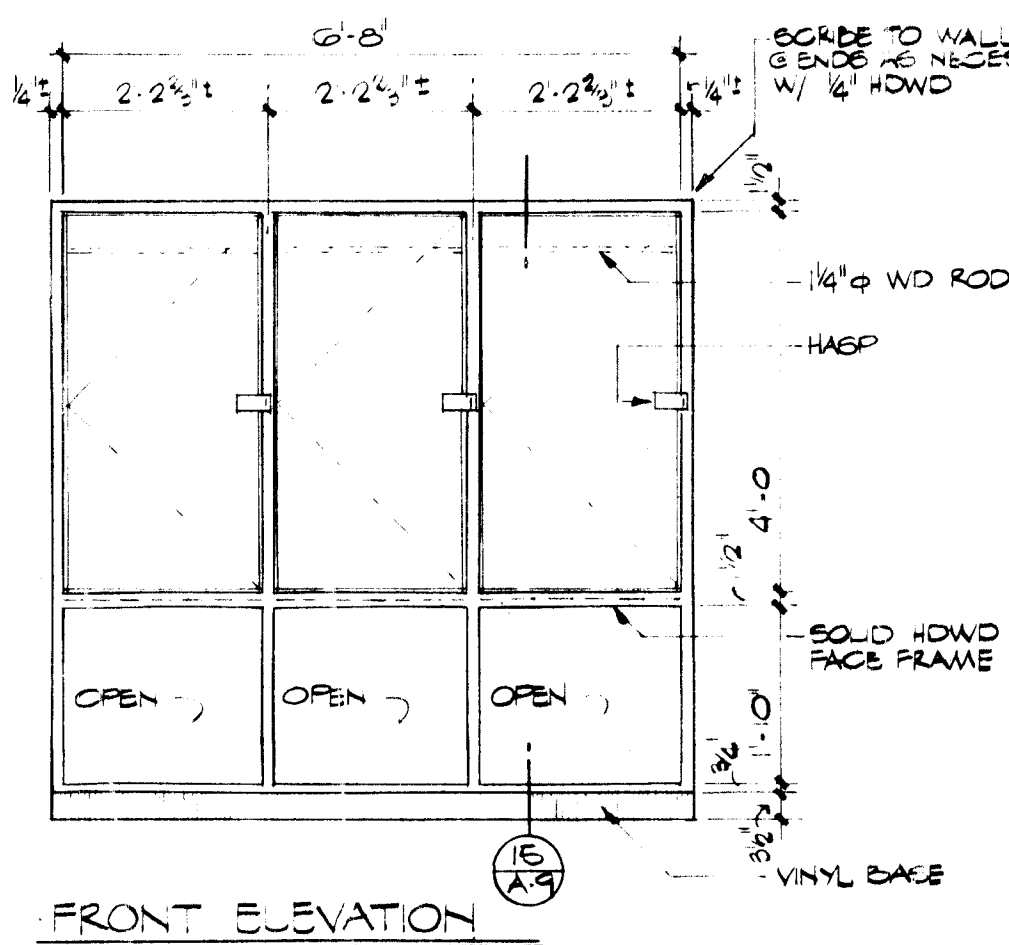
10 HOSE TOWER LADDER PLAN
1/4" = 1'-0"



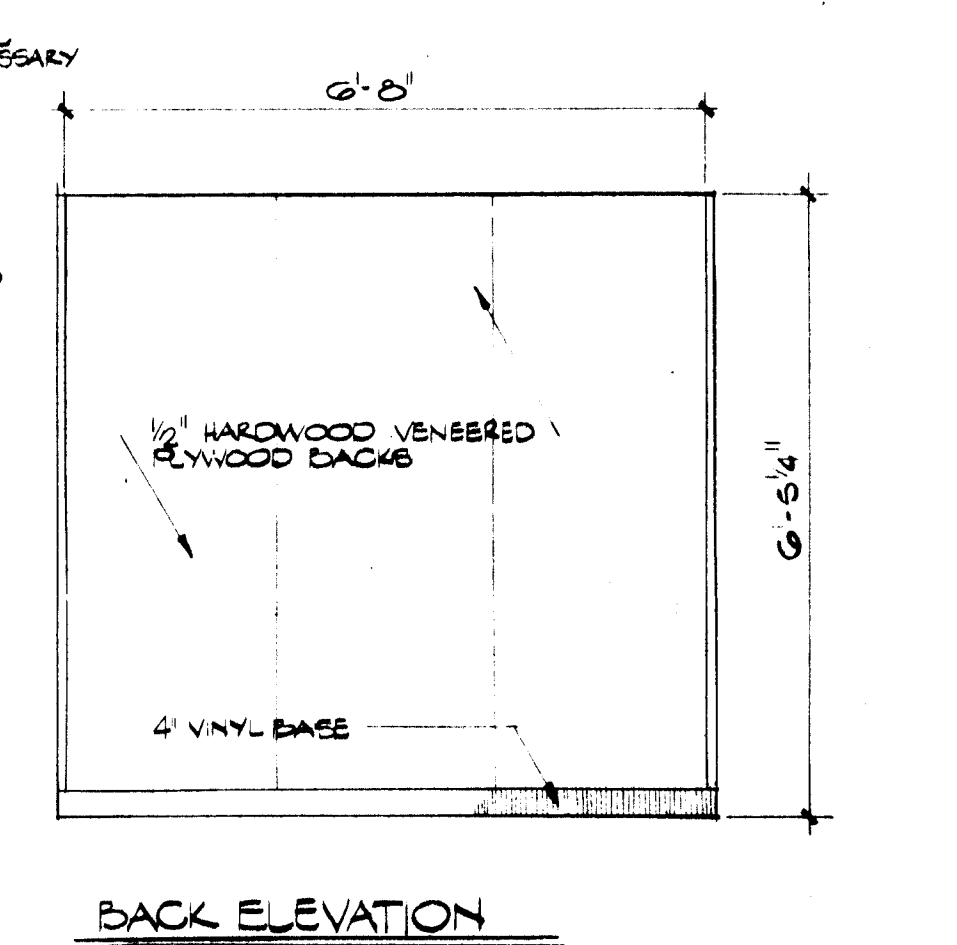
11 SECTION
1/2" = 1'-0"



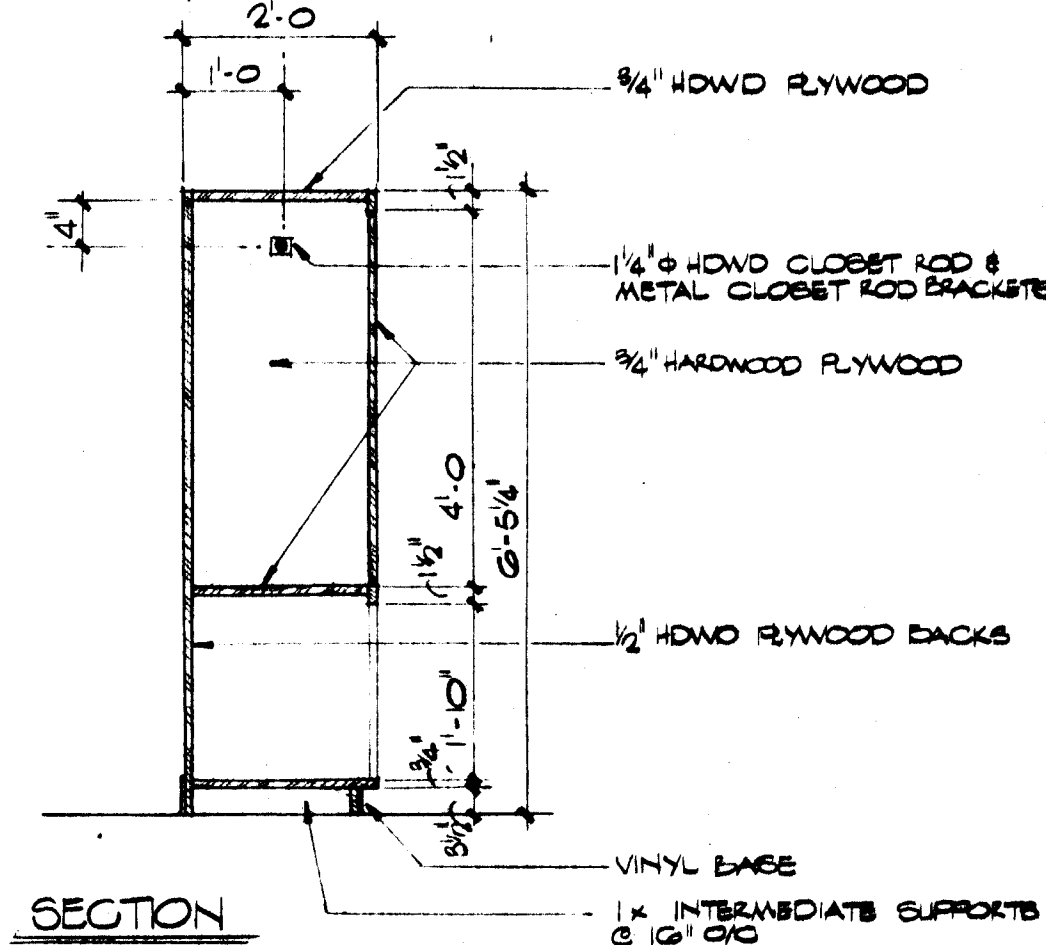
12 WALL AT GLAZED PARTITION
1/2" = 1'-0"



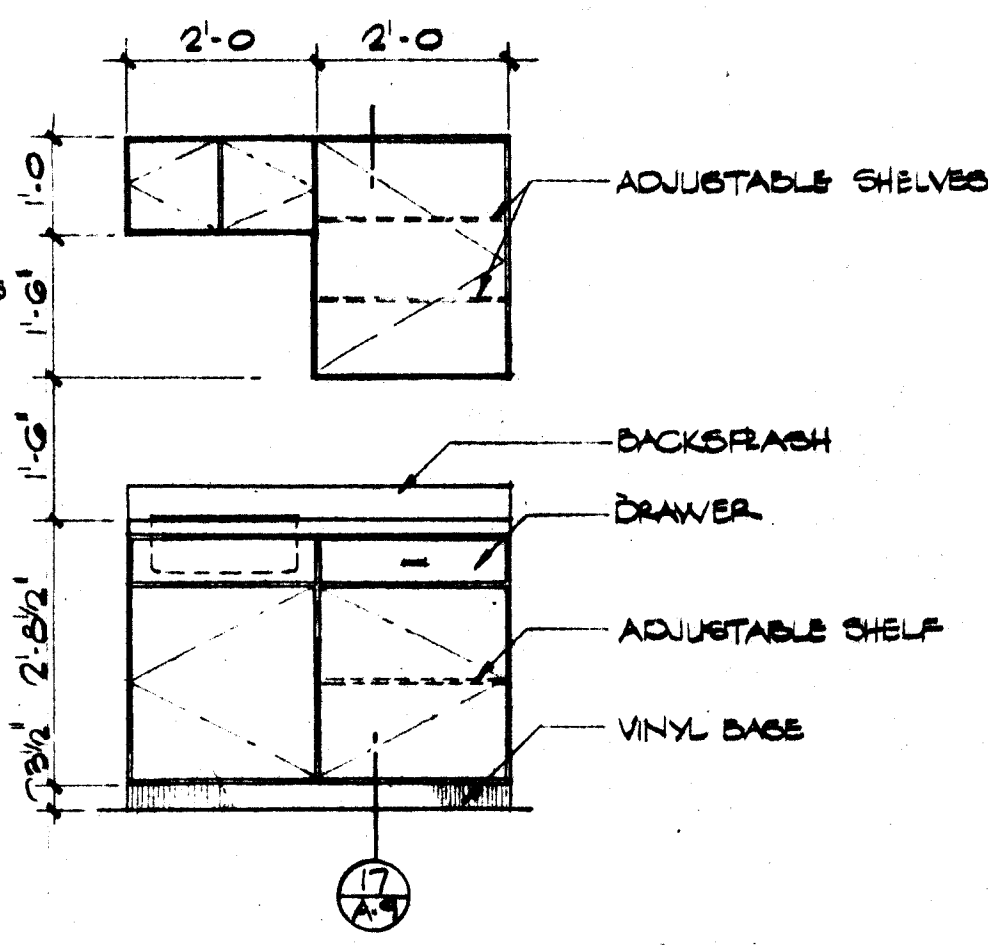
13 LOCKERS-ALTERNATE NO. 2
1/2"



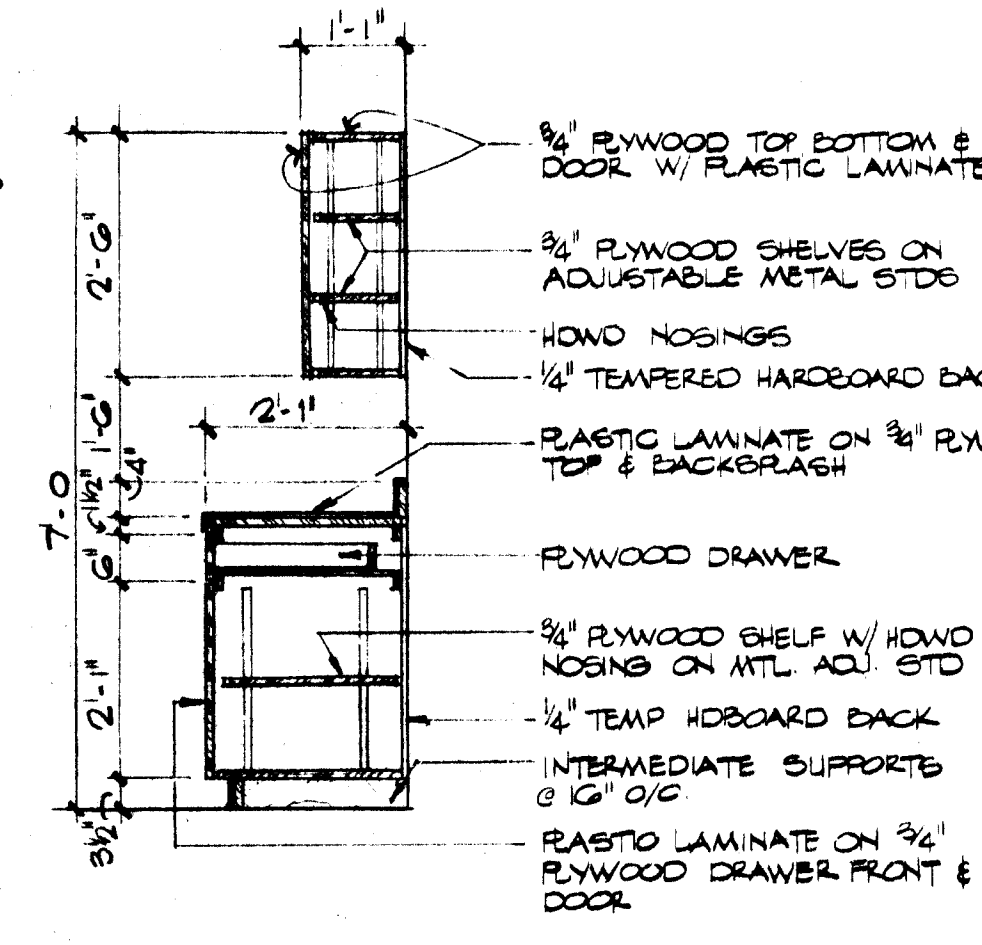
14 LOCKERS-ALTERNATE NO. 2
1/2"



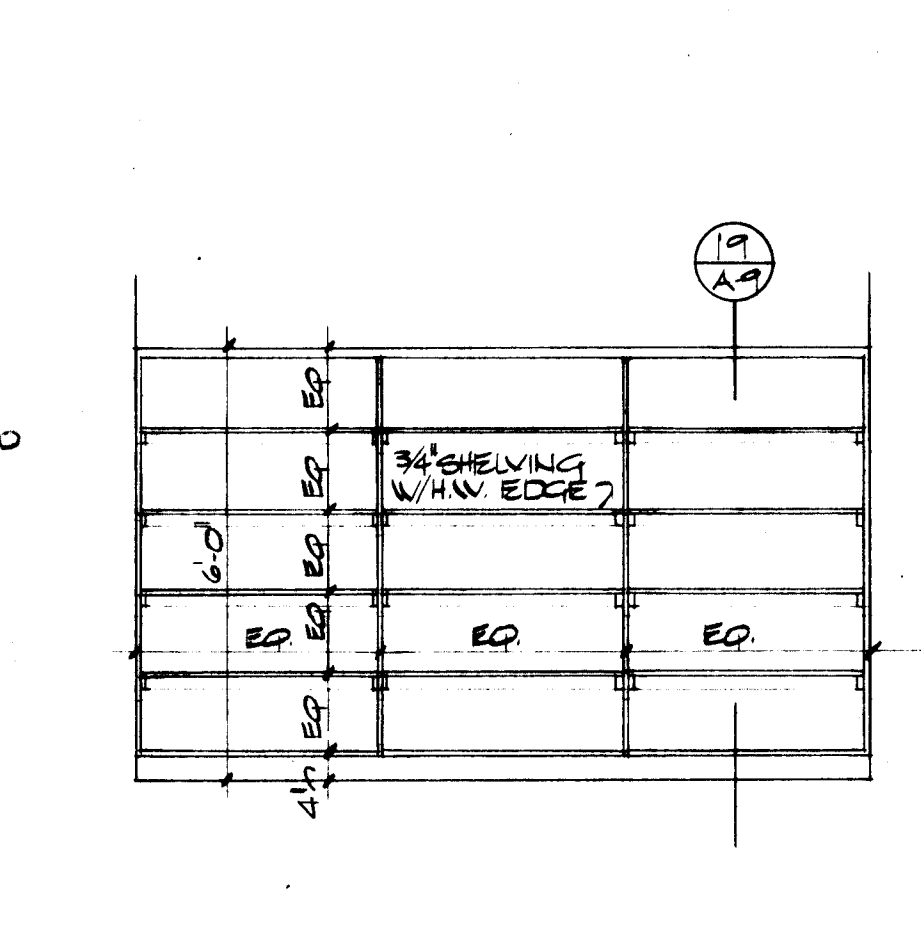
15 LOCKERS-ALTERNATE NO. 2
1/2"



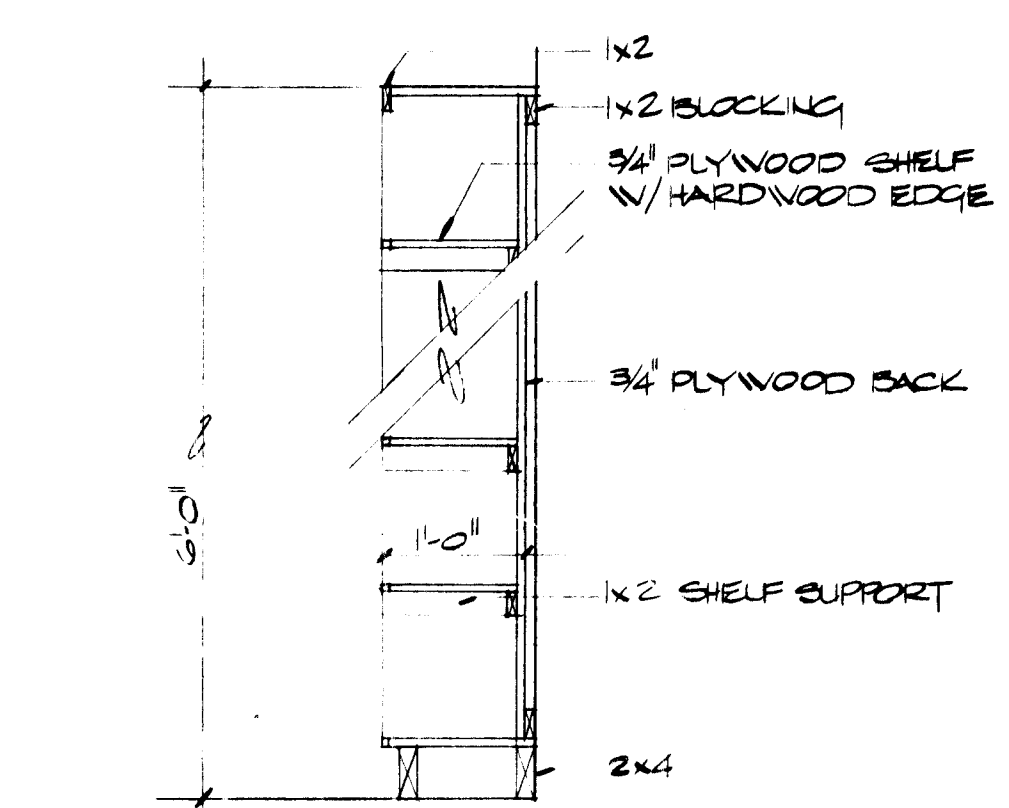
16 KITCHEN
1/2"



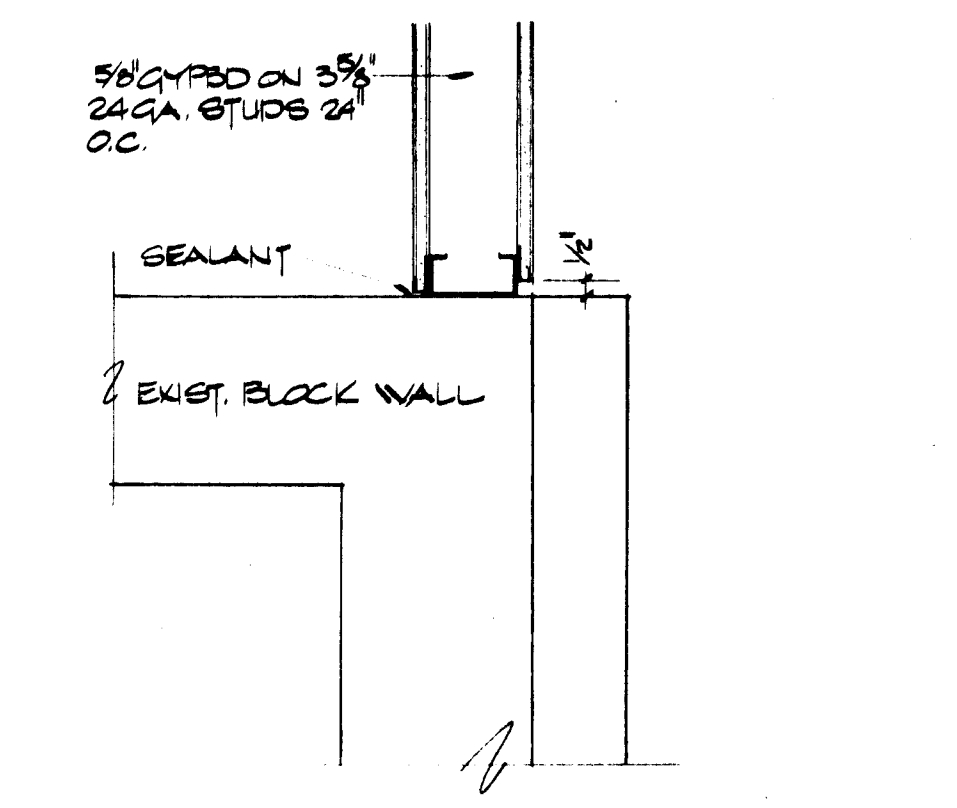
17 CABINET SECTION
1/2"



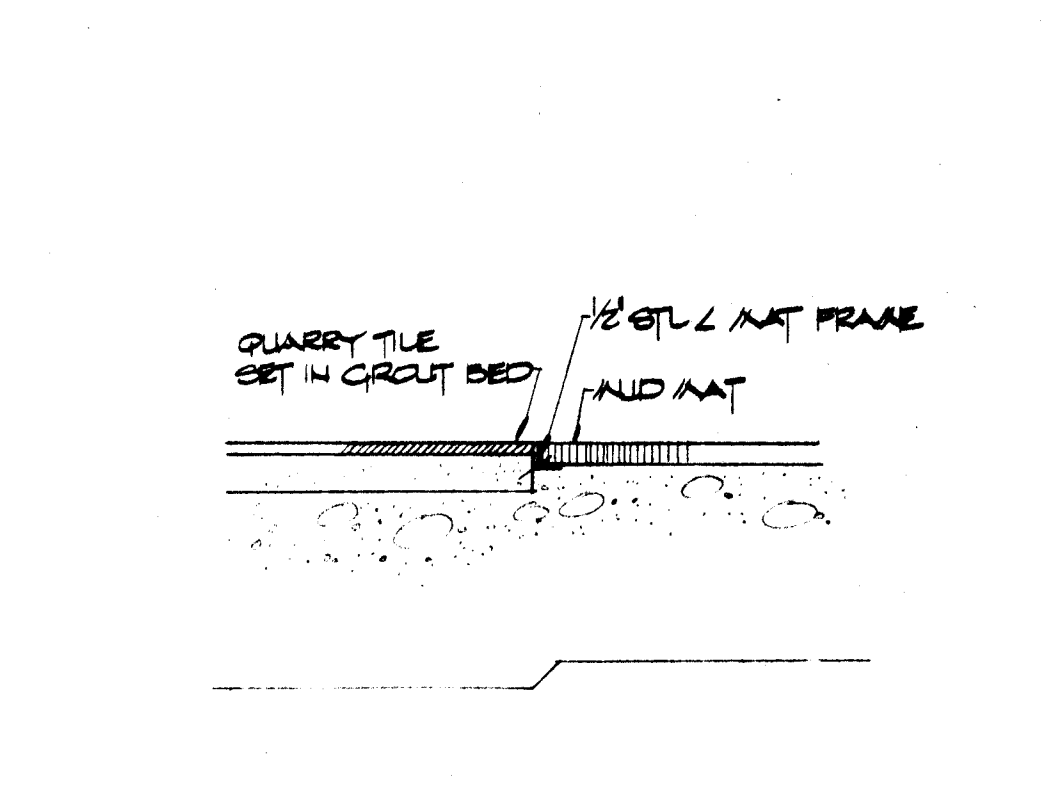
18 SHELVES
3/8" = 1'-0"



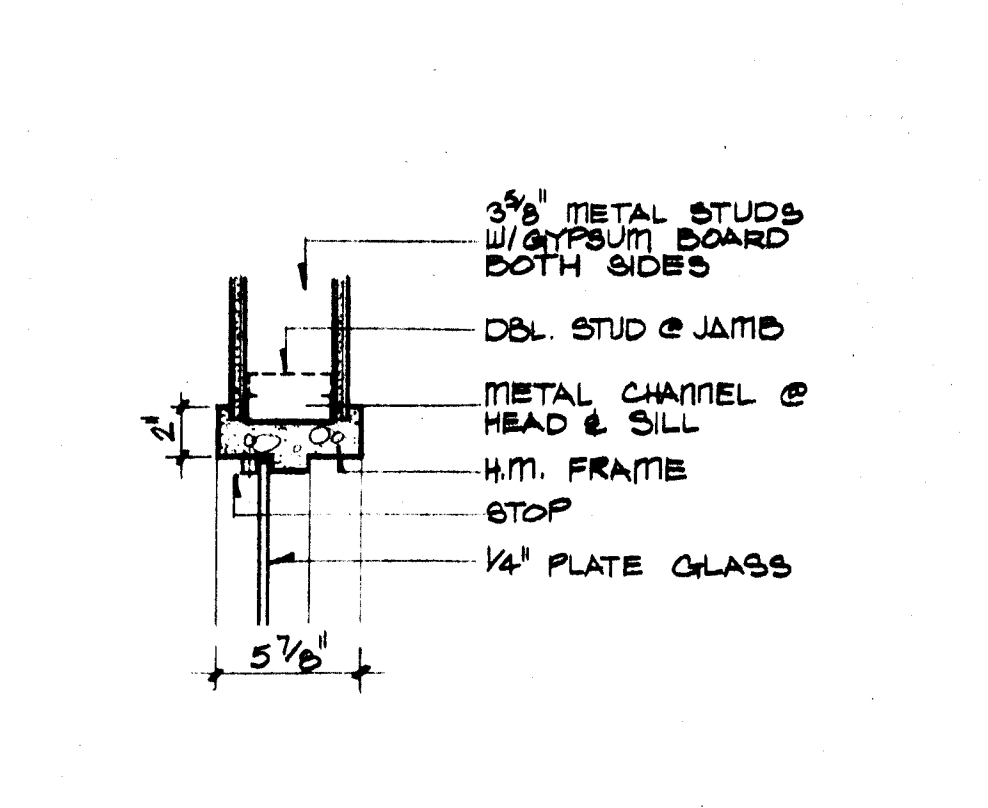
19 SHELVING SECTION
3/4" = 1'-0"



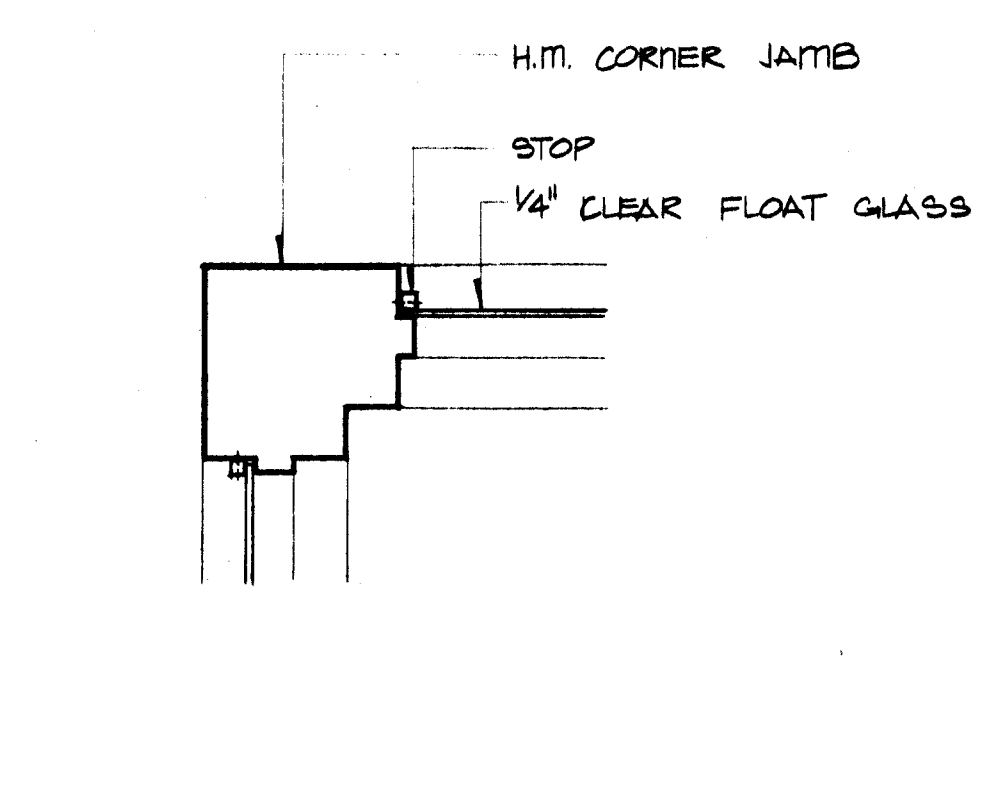
20 WALL DETAIL
1/2" = 1'-0"



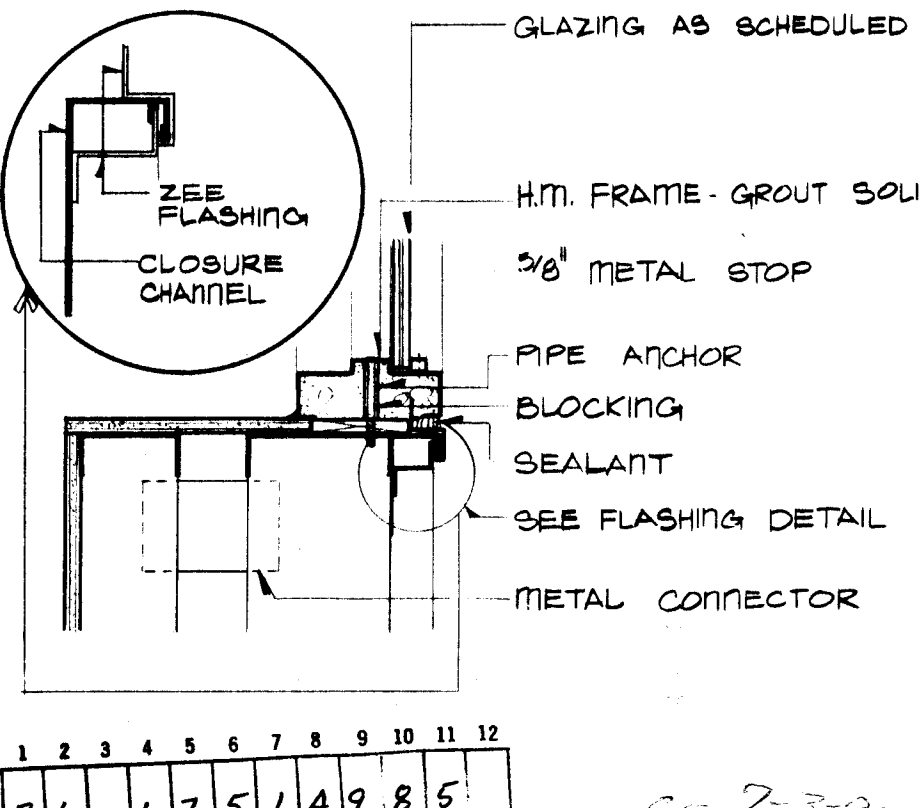
21 RECESSED MUD MAT
3/4" = 1'-0"



22 HEAD-JAMB, SILL SIMILAR
1/2" = 1'-0"



23 CORNER JAMB
1/2" = 1'-0"



24 JAMB AT CIRCULAR GLAZ.
1/2" = 1'-0"

STATE OF NEW MEXICO
RICHARD G. SMITH
No. 1969
ALBUQUERQUE, N.M.
REGISTERED ARCHITECT

architect

engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

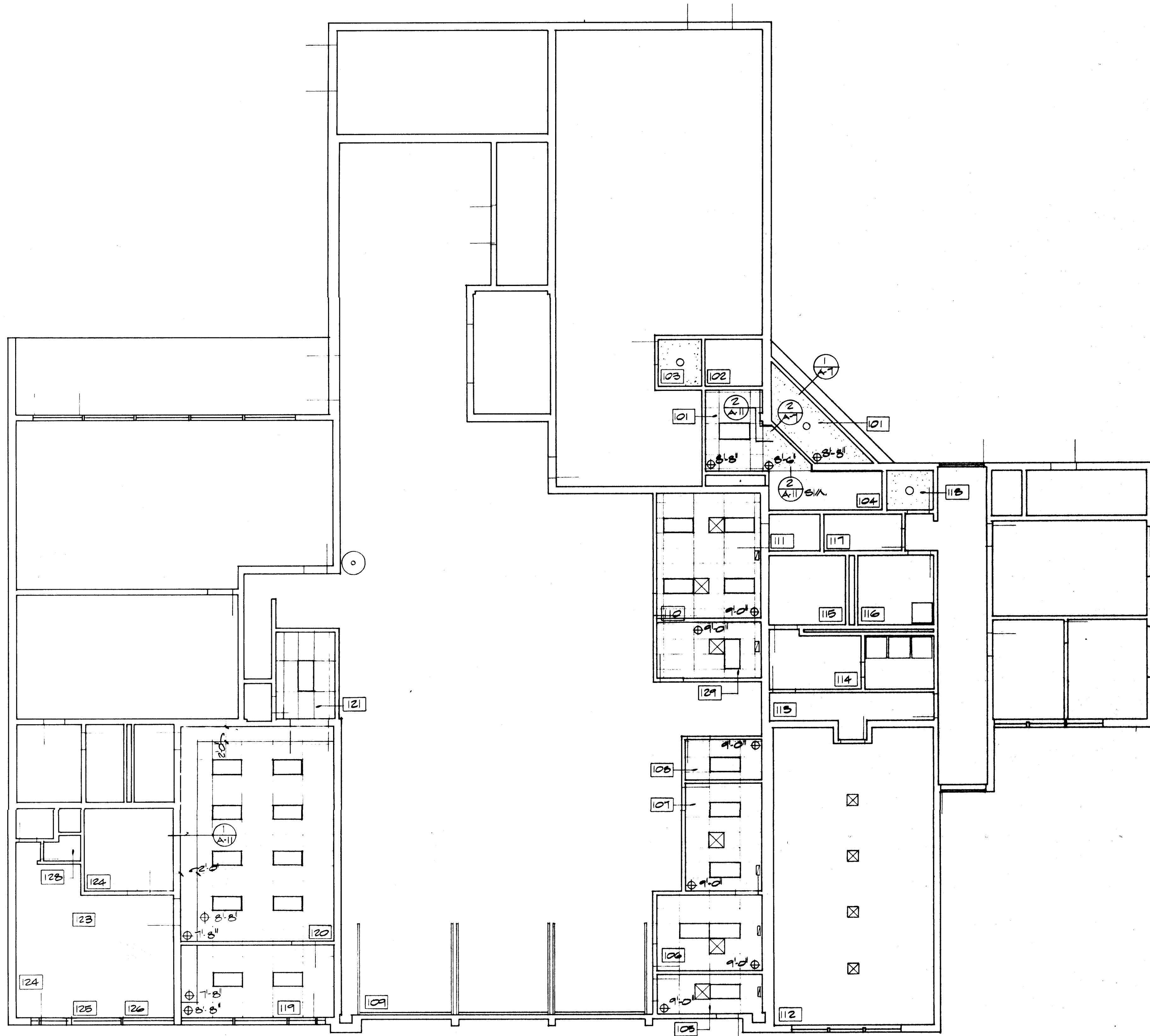
miscellaneous
DETAILS

project #1751

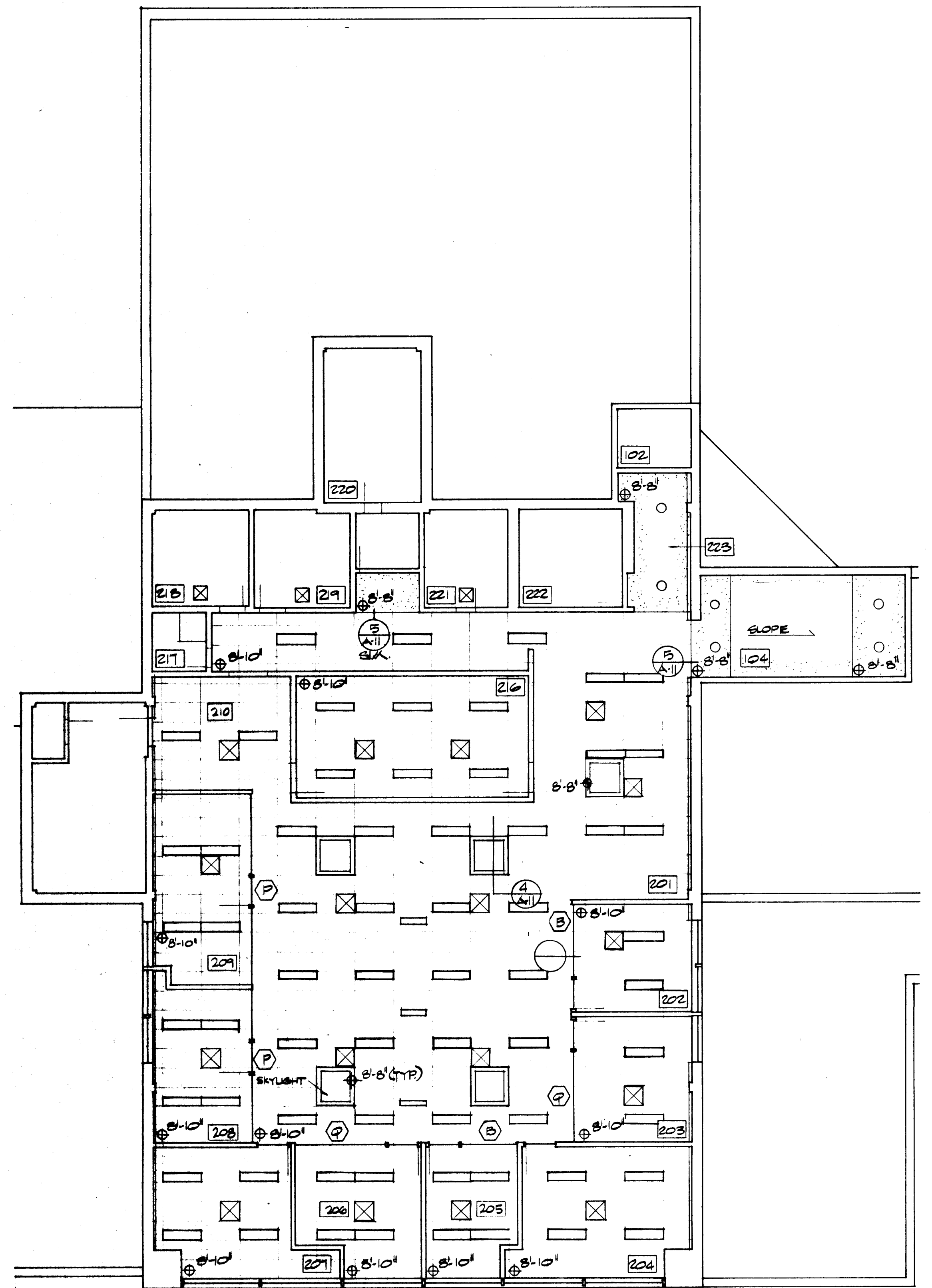
RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date
11-21-83

sheet no.
A-9



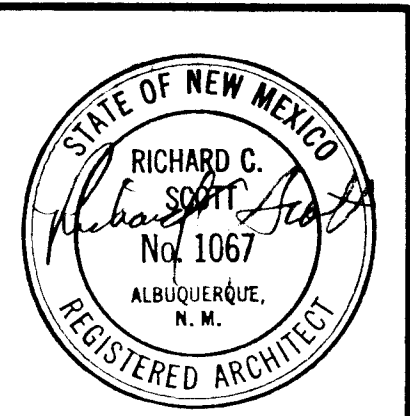
FIRST FLOOR REFLECTED CEILING PLAN
SC: 1/8" = 1'-0"



SECOND FLOOR REFLECTED CEILING PLAN
SC: 1/8" = 1'-0"

1	2	3	4	5	6	7	8	9	10	11	12
26	17	5	1	10	8	5					

9-3-85
AS BUILT 10/10/84



architect

engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

FIRST & SECOND
FLOOR REFLECTED
CEILING PLANS

project #1751

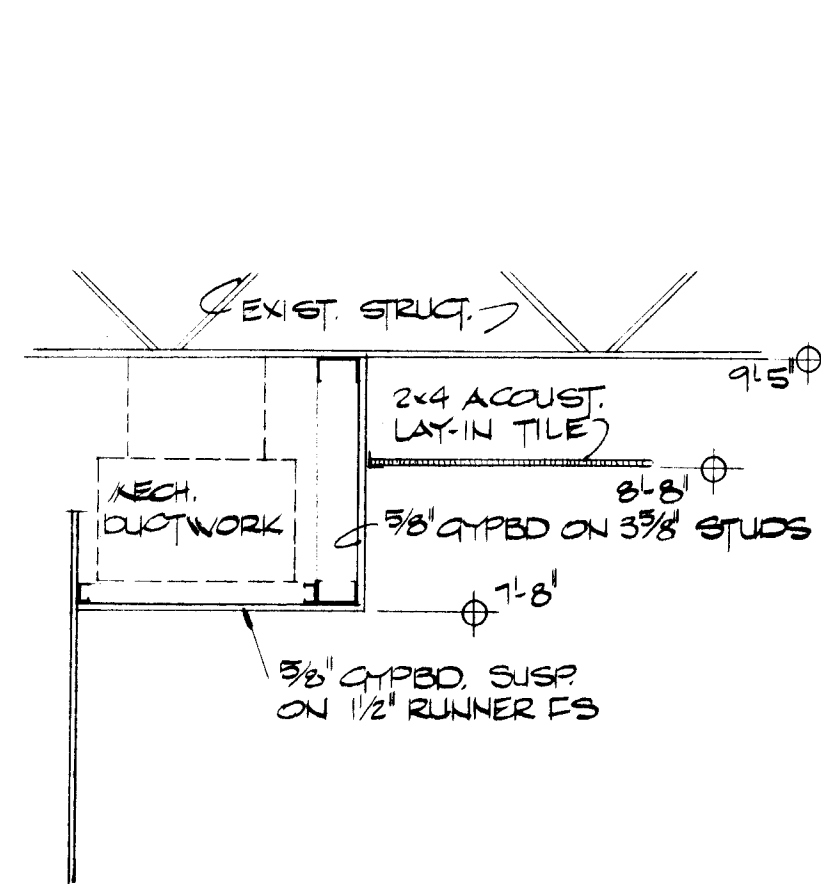
RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

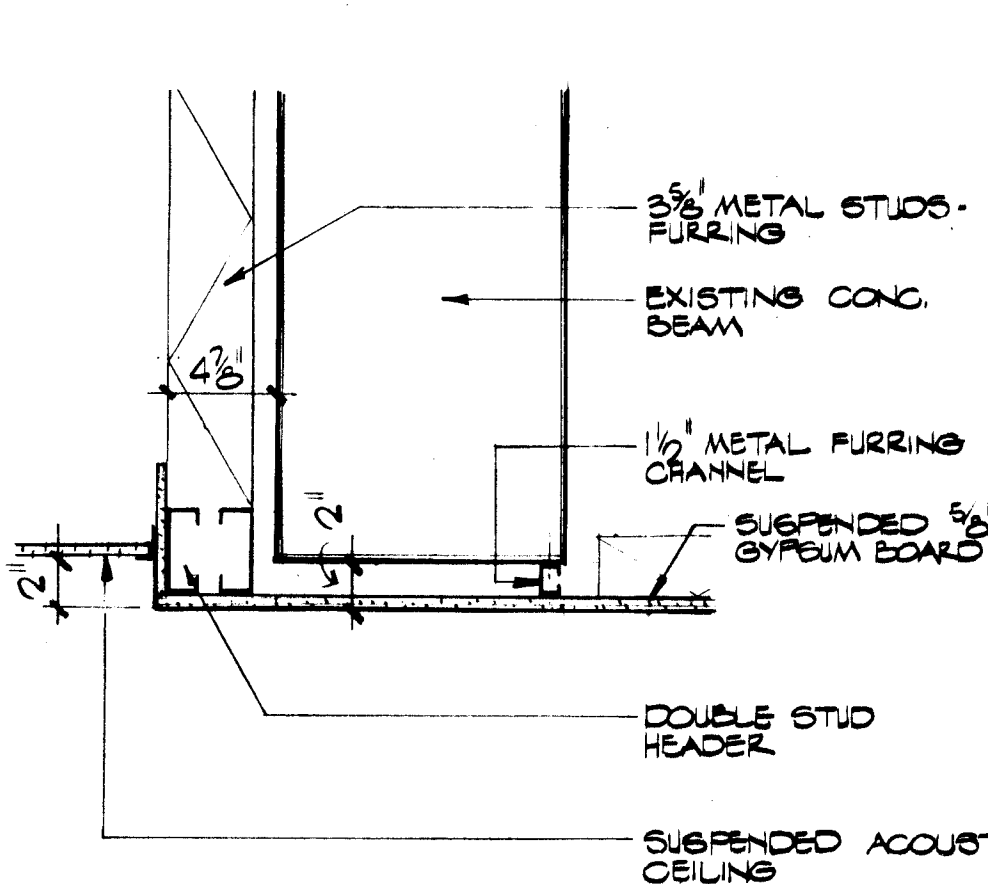
11-21-83

sheet no.

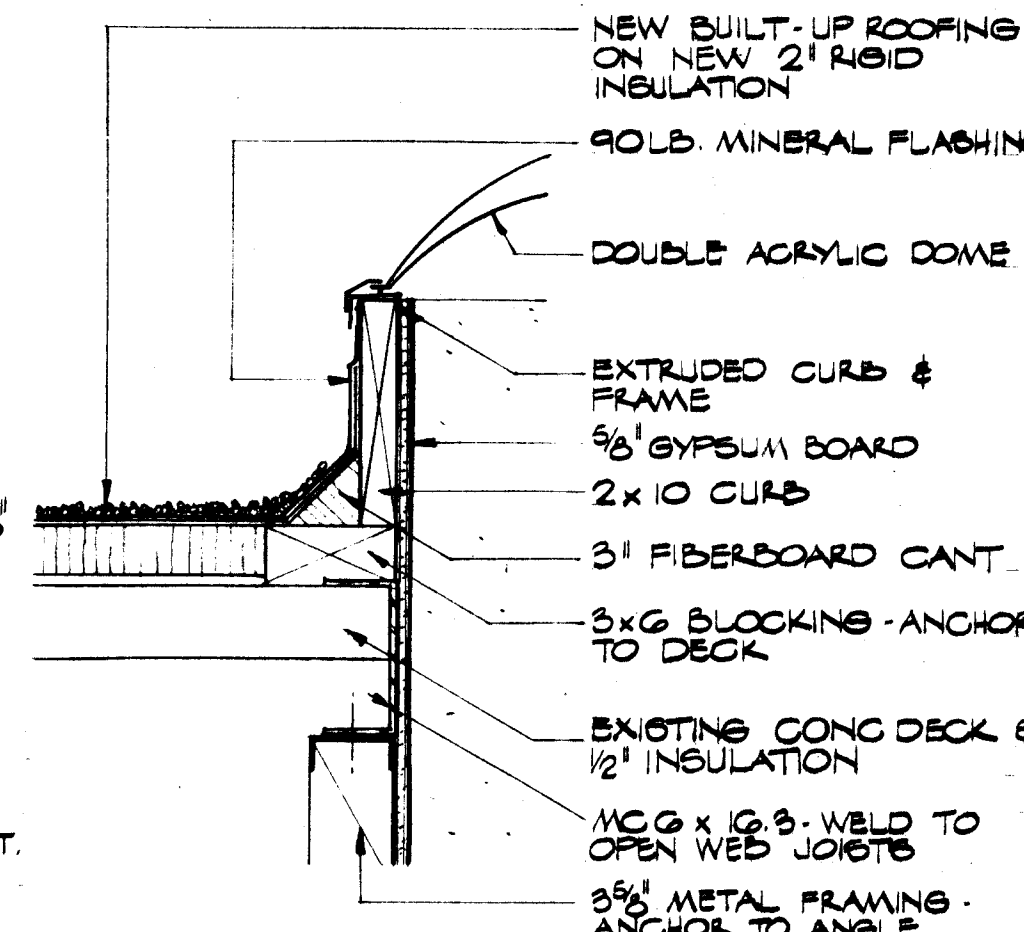
A10



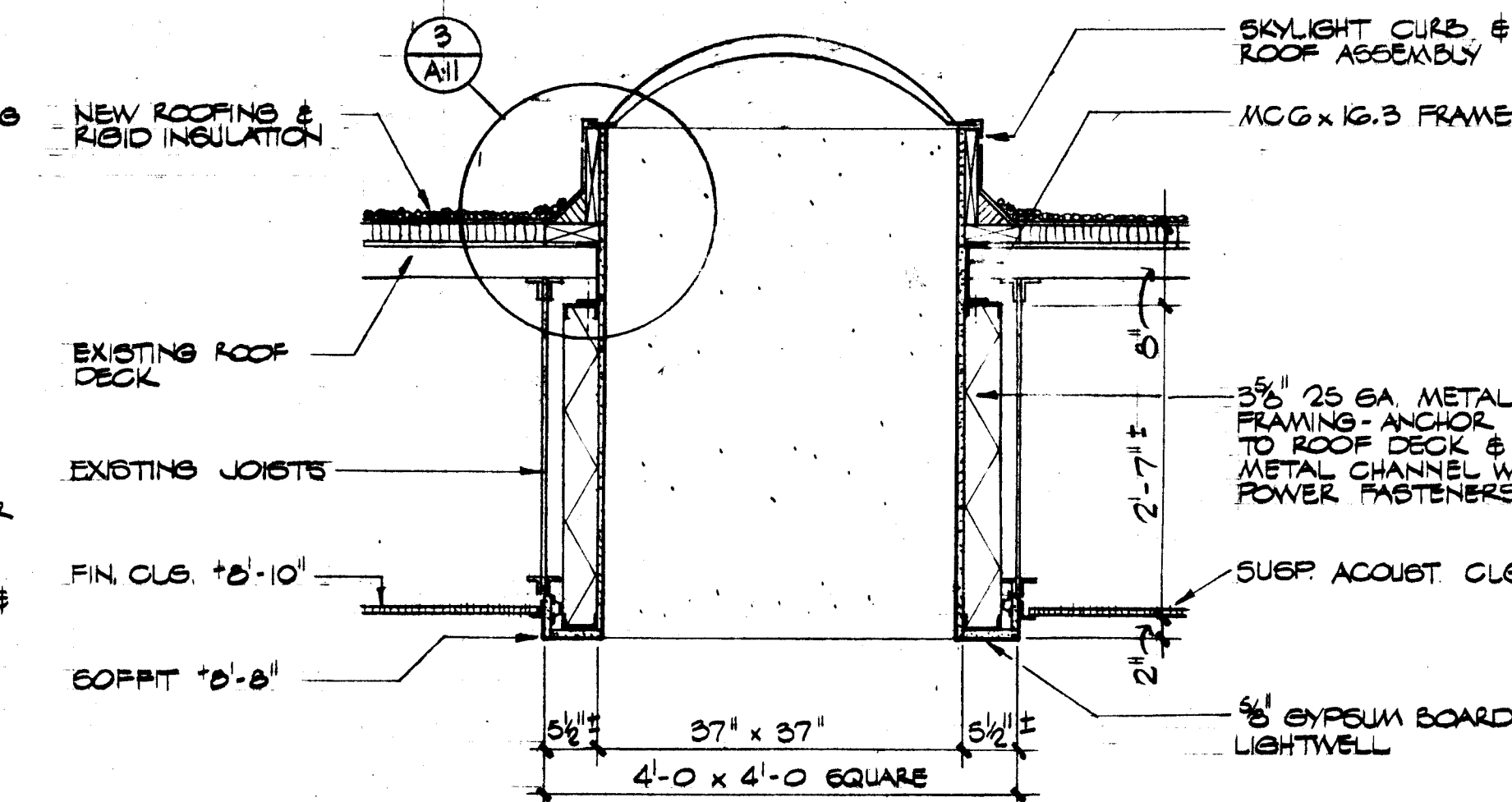
1 MECHANICAL SOFFIT
A-11 3/4" x 1'-0"



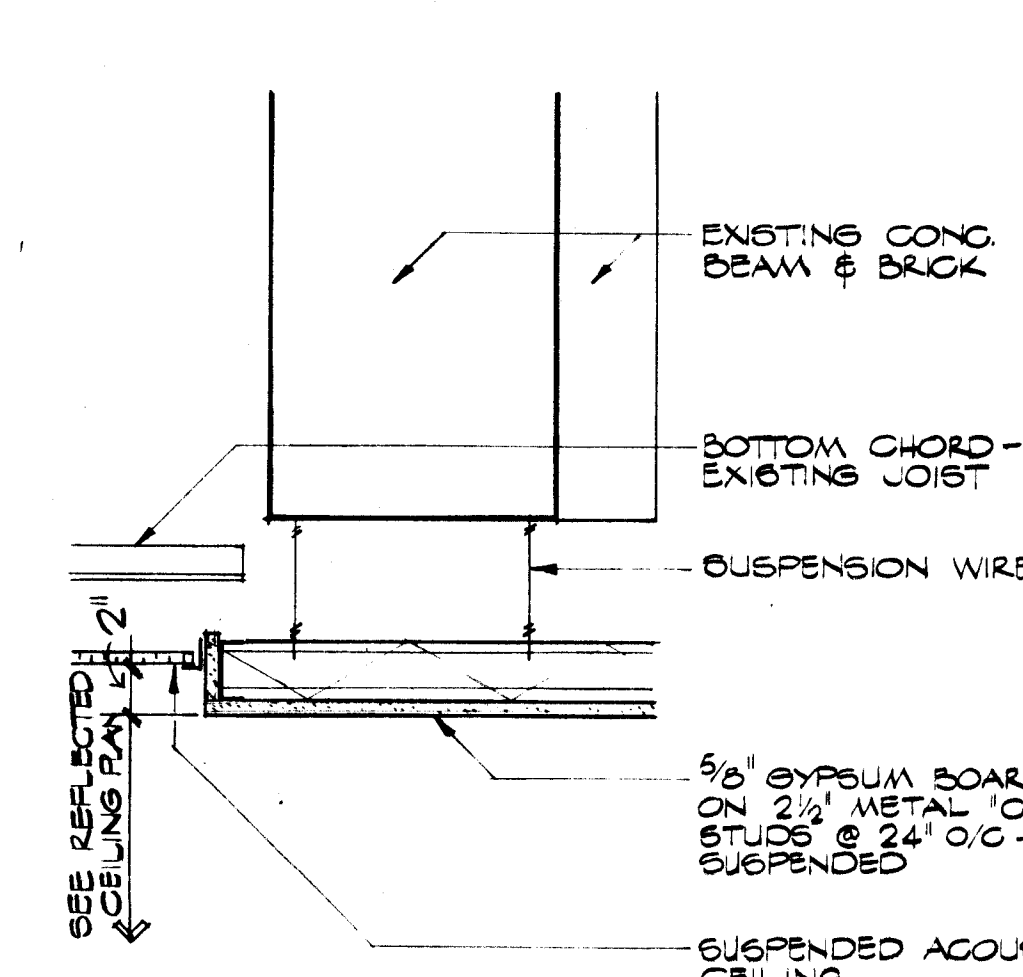
2 DROPPED CEILING
A-11 1/2"



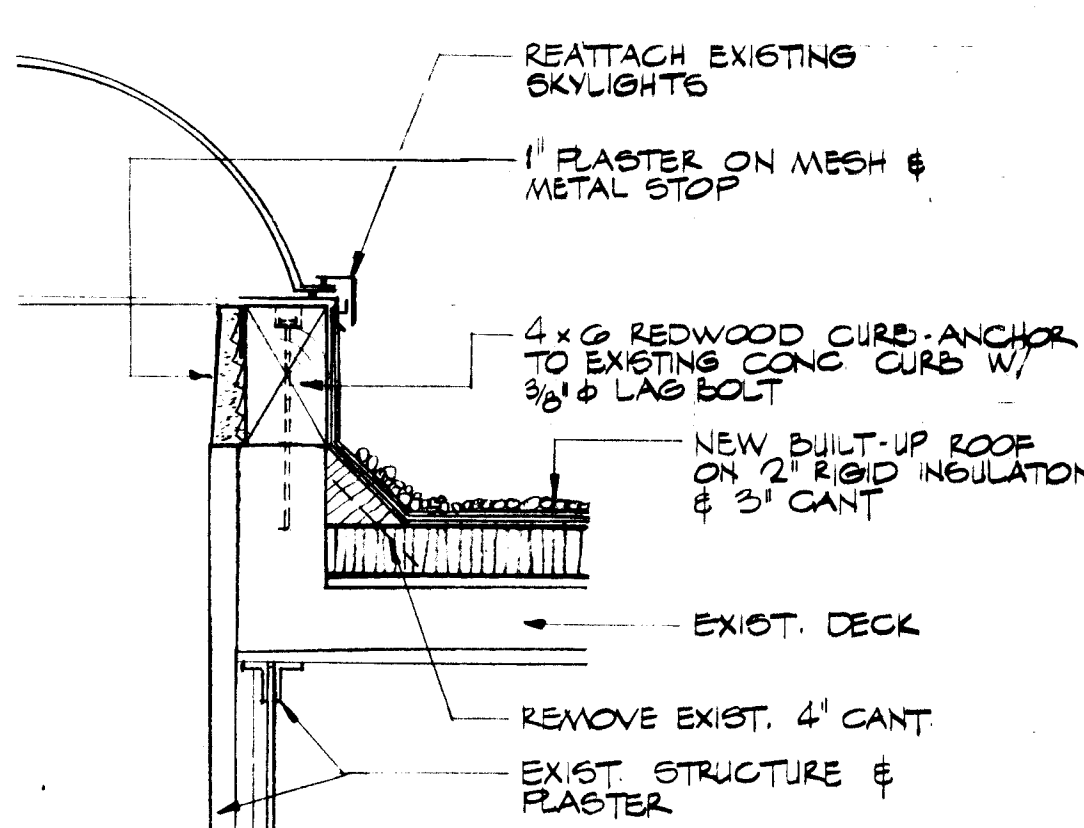
3 SKYLIGHT CURB
A-11 1/2"



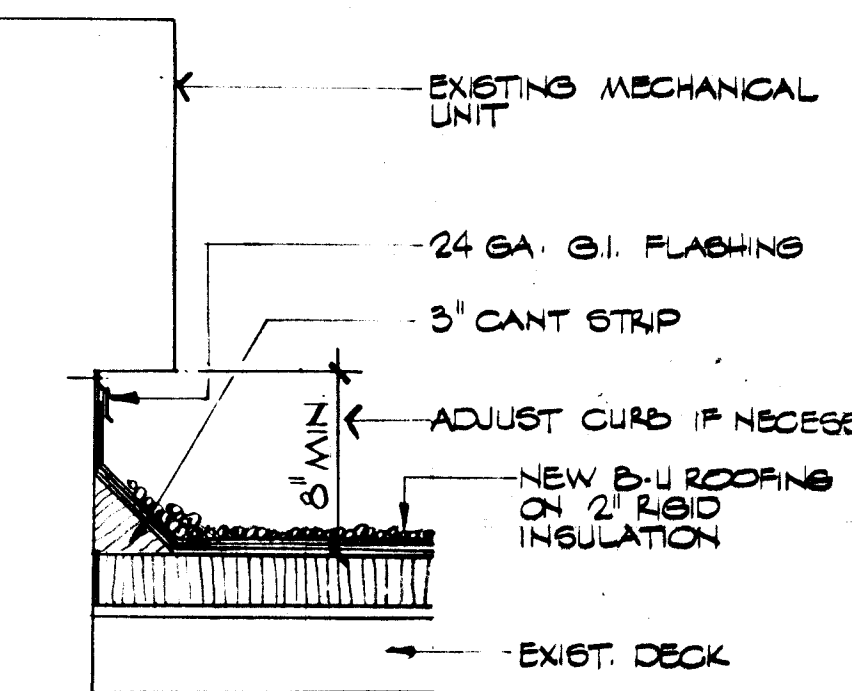
4 NEW SKYLIGHT
A-11 3/4"



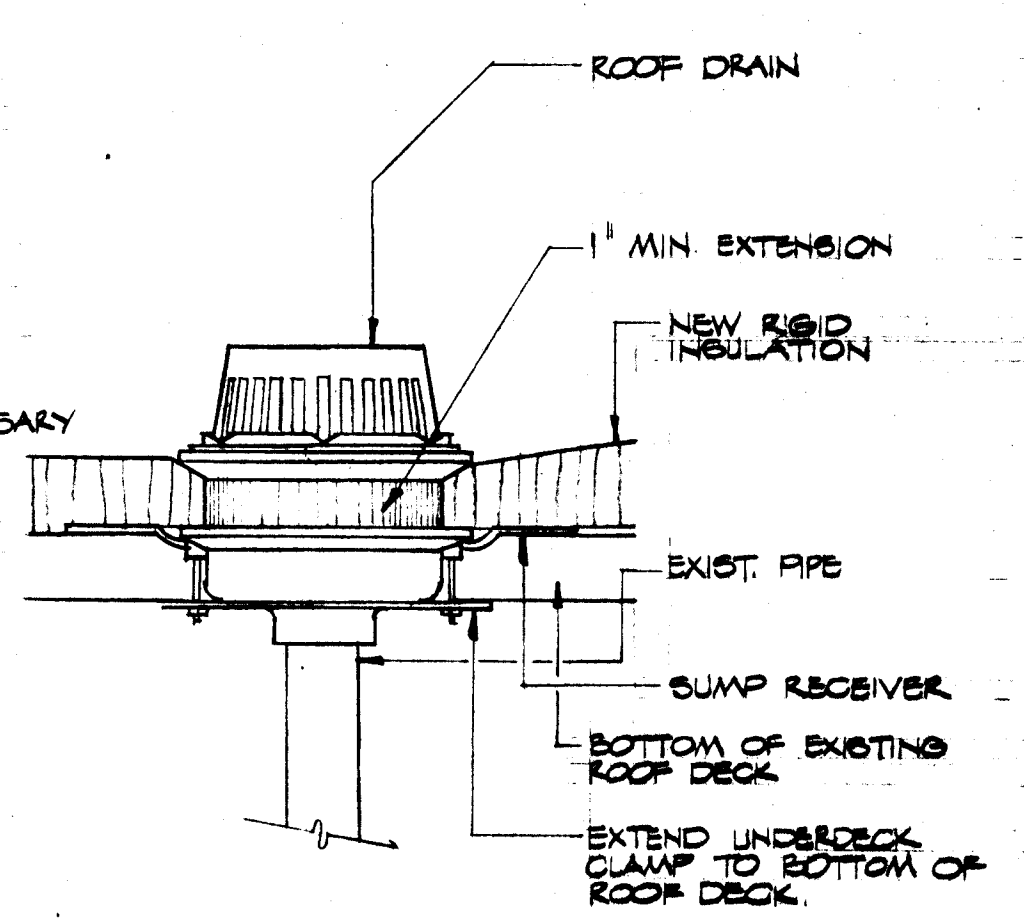
5 DROPPED CEILING
A-11 1/2"



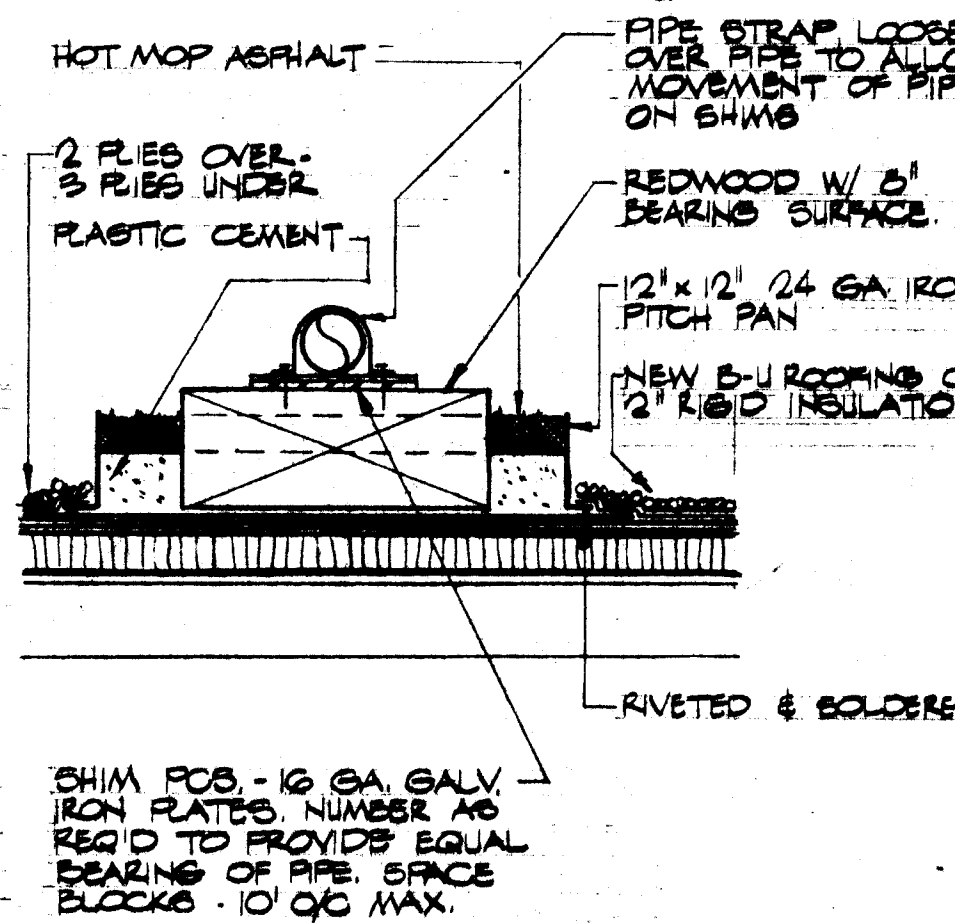
6 REROOF EXISTING SKYLIGHTS
A-11 1/2"



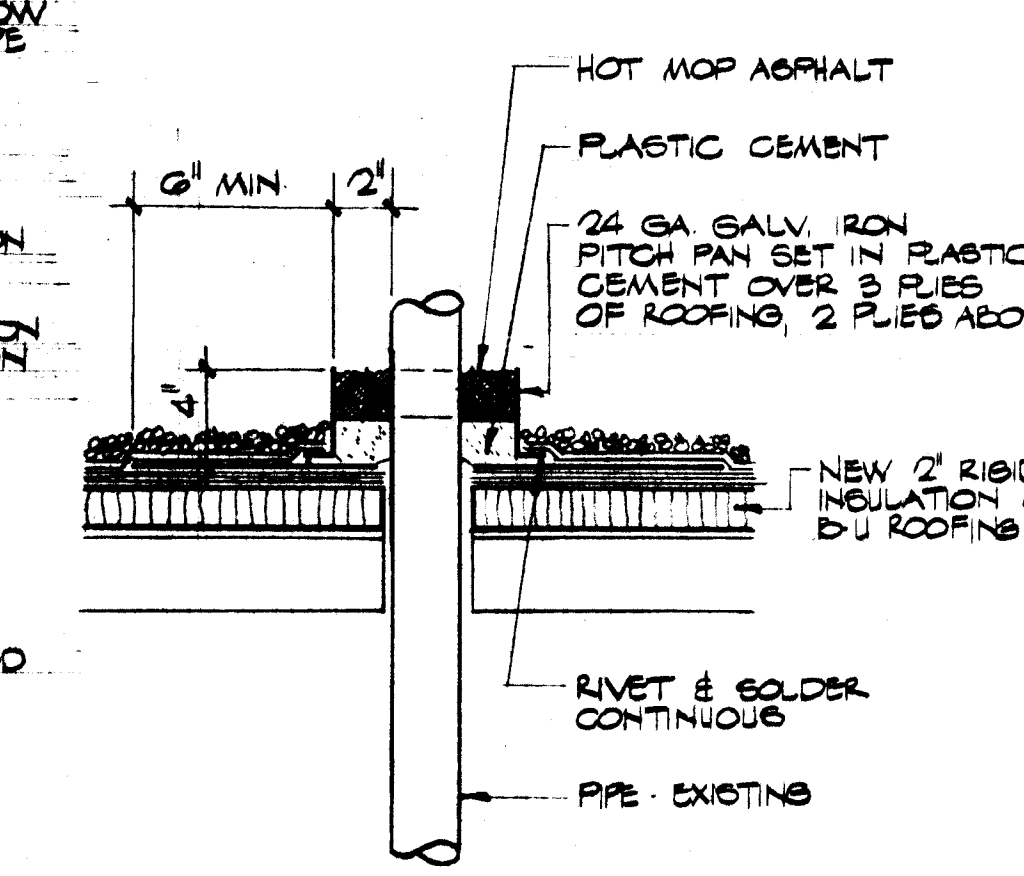
7 REROOF-MECHANICAL UNIT
A-11 NTS



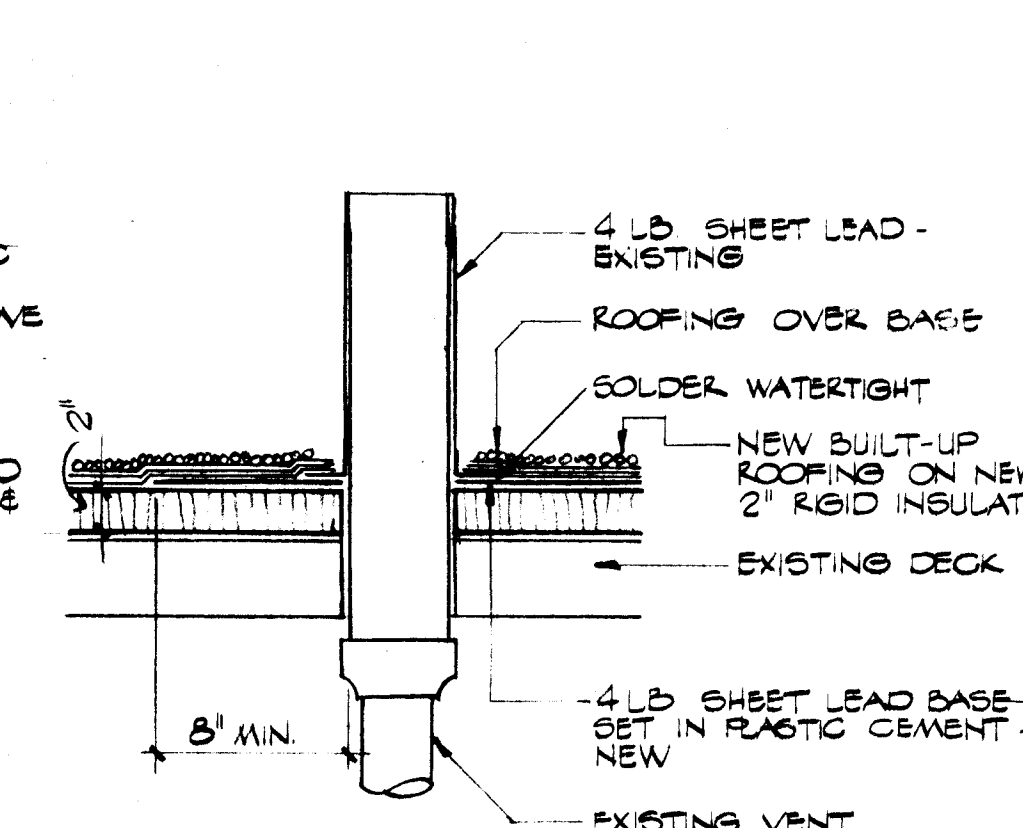
8 REROOF-ROOF DRAIN
A-11 NTS



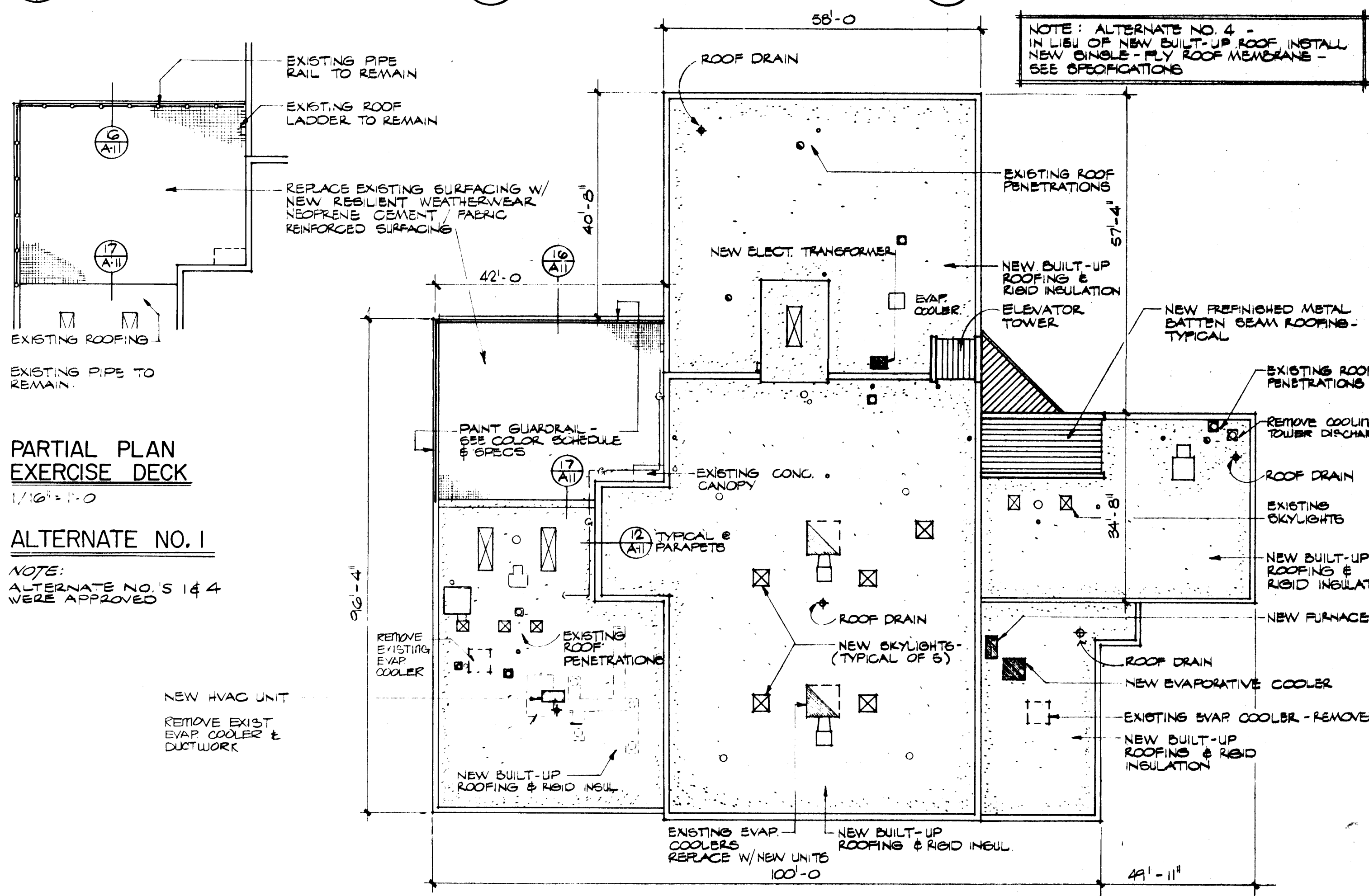
9 REROOF-PIPE BRIDGE
A-11 NTS



10 REROOF-PIPE PENETRATION
A-11 NTS



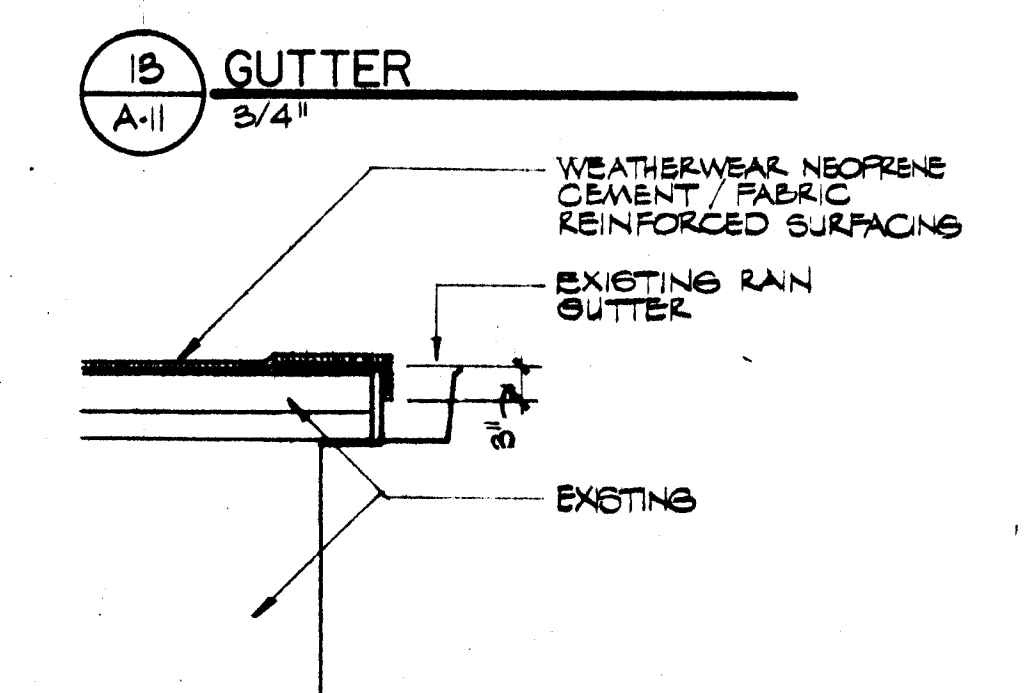
11 REROOF-VENT
A-11 NTS



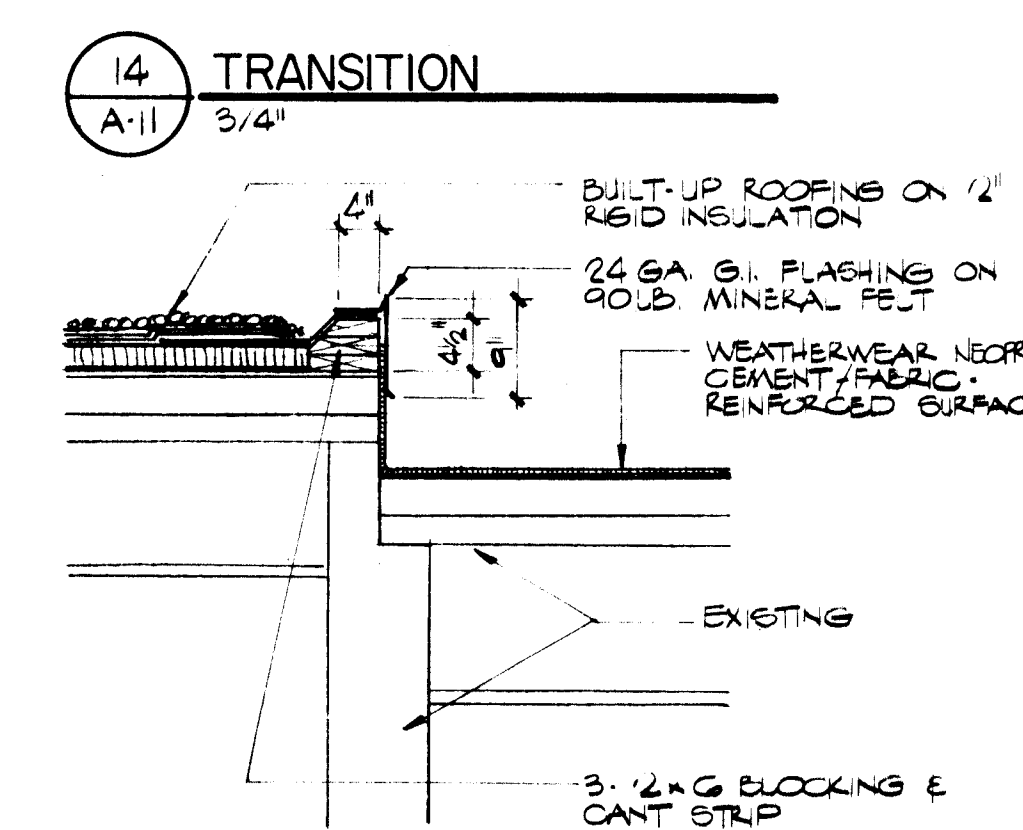
ROOF PLAN
1/16" = 1'-0"

12 FLASHING
A-11 1/2"

NOTES
1. PATCH ALL ROOF OPENINGS AFTER REMOVALS & PREPARE FOR NEW ROOF.
2. FIELD VERIFY LOCATIONS FOR ALL ROOF EQUIPMENT & PENETRATIONS.
3. RELOCATE MISC. ELECTRICAL EQUIPMENT AS NECESSARY.



13 GUTTER
A-11 3/4"



14 TRANSITION
A-11 3/4"

16 GUTTER-ALTERNATE NO. 1
A-11 3/4"

17 TRANSITION-ALTERNATE NO. 2
A-11 3/4"



architect

engineer

LONG & WATERS PA AIA

ARCHITECTS ENGINEERS PLANNERS

sheet title

ROOF PLAN
ROOF DETAILS

project # 175

RENOVATION OF FIRE STATION # 1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

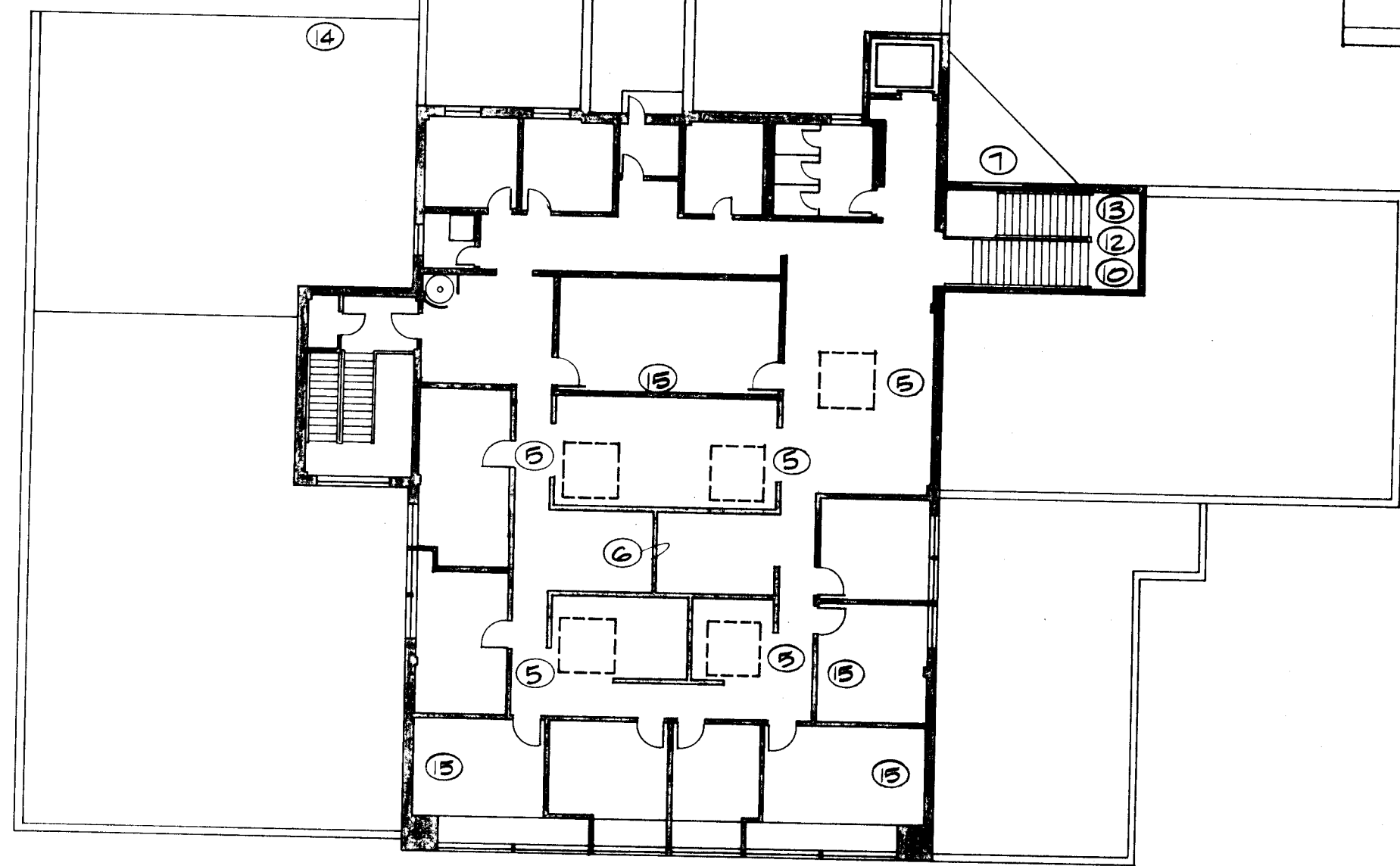
date

11-21-85

sheet no.

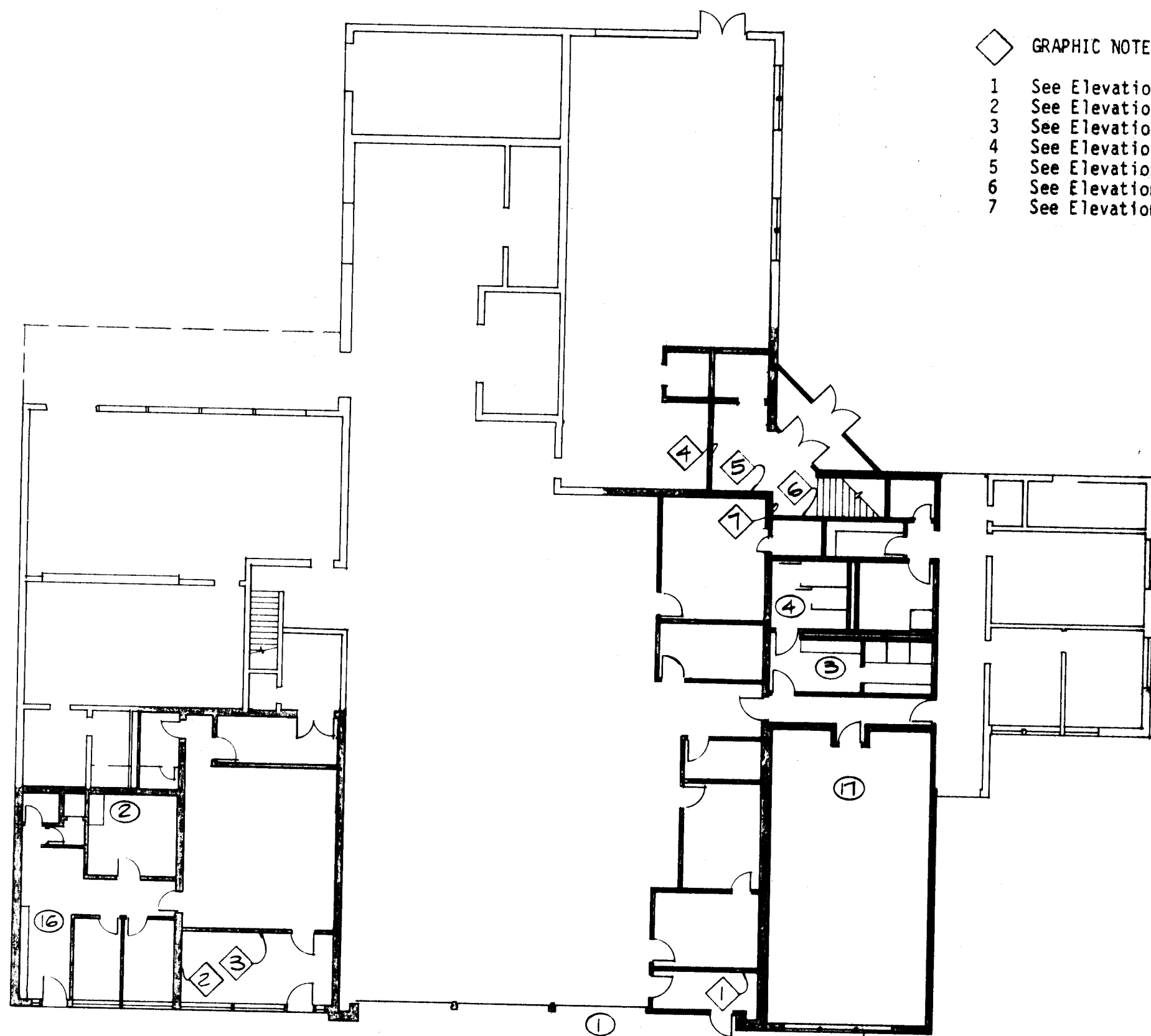
A11

INTERMEDIATE
STAIR LANDING
1/16" = 1'-0"

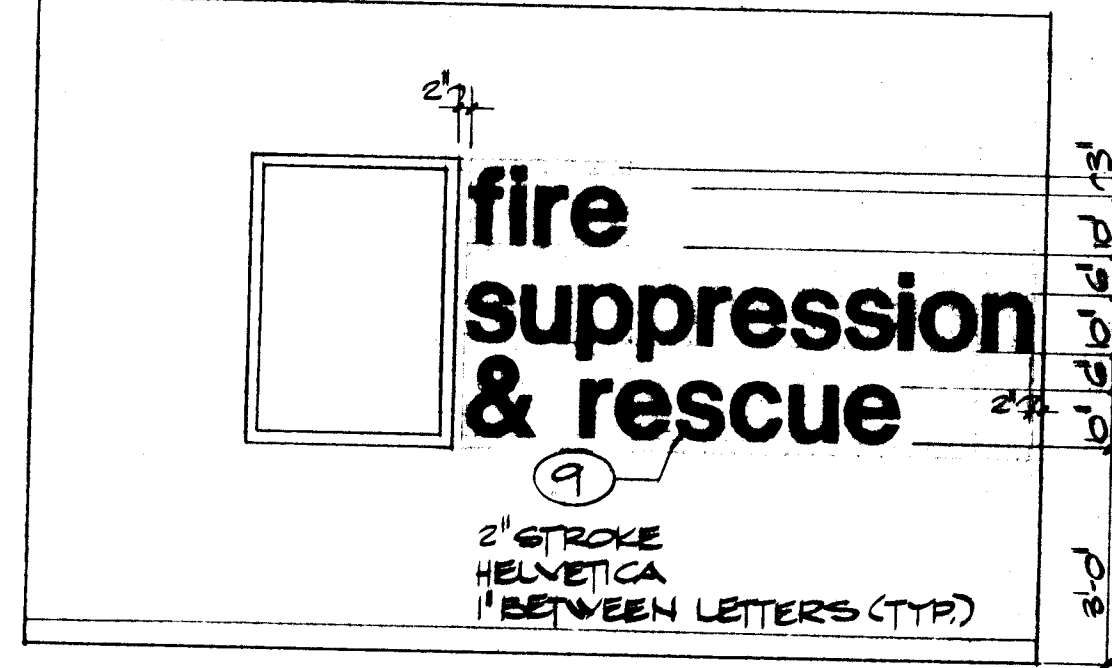


SECOND FLOOR COLOR PLAN
1/16" = 1'-0"

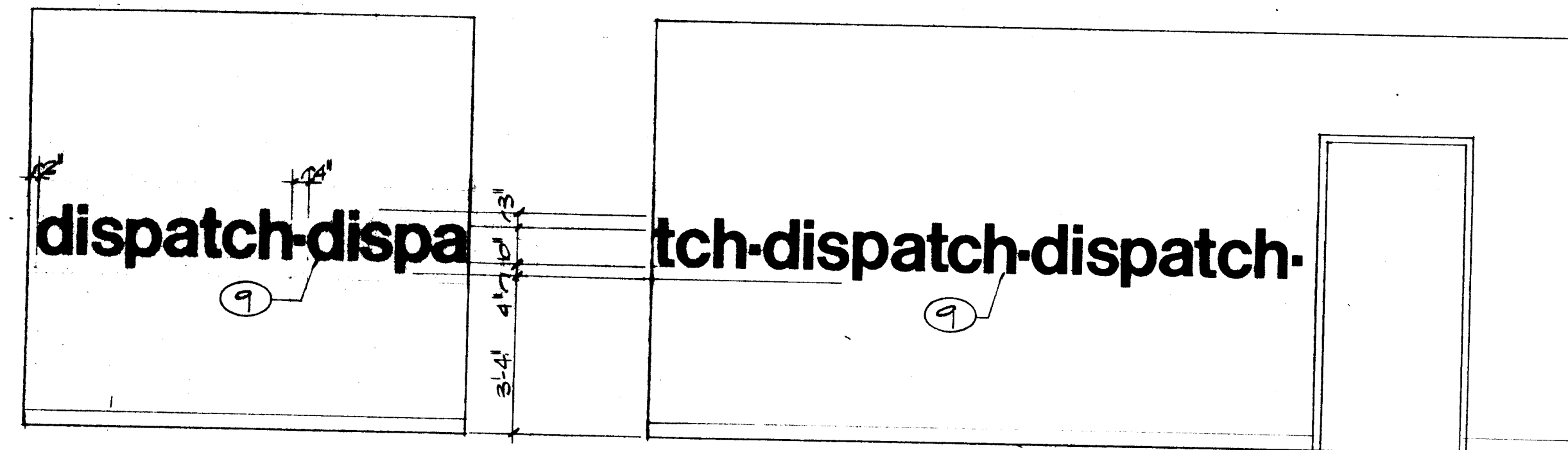
- GRAPHIC NOTES
- 1 See Elevation 1/A-12
 - 2 See Elevation 2/A-12
 - 3 See Elevation 3/A-12
 - 4 See Elevation 4/A-12
 - 5 See Elevation 5/A-12
 - 6 See Elevation 6/A-12
 - 7 See Elevation 7/A-12



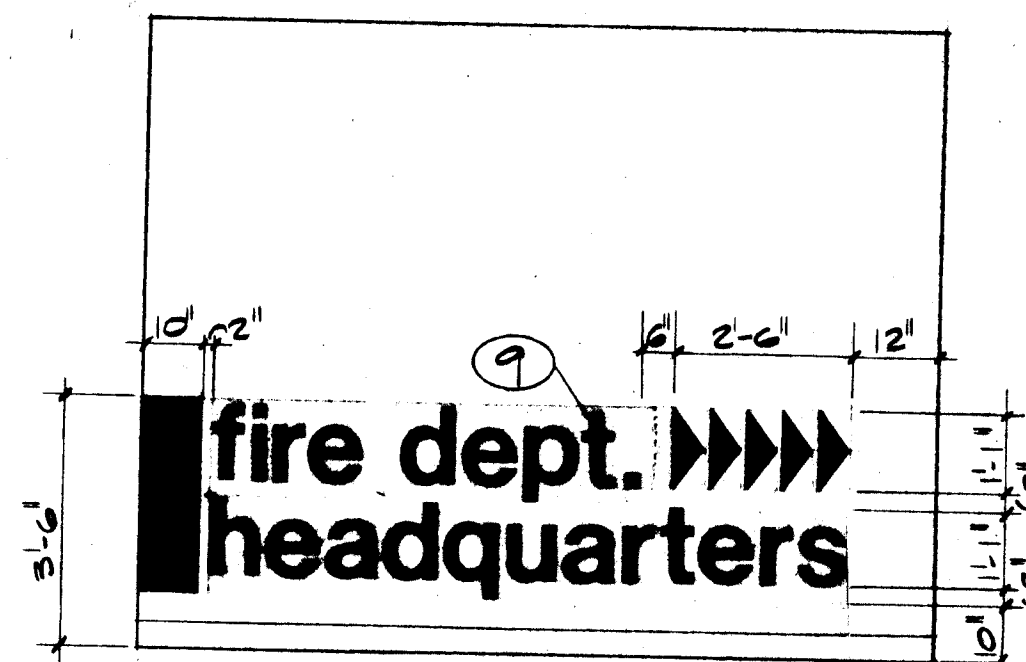
FIRST FLOOR COLOR PLAN
1/16" = 1'-0"



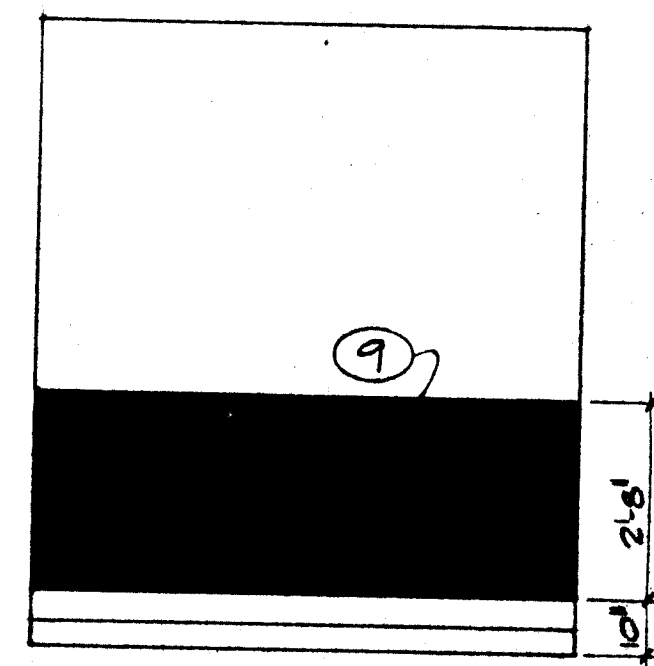
1 ELEVATION
A-12 SC: 3/8" = 1'-0"



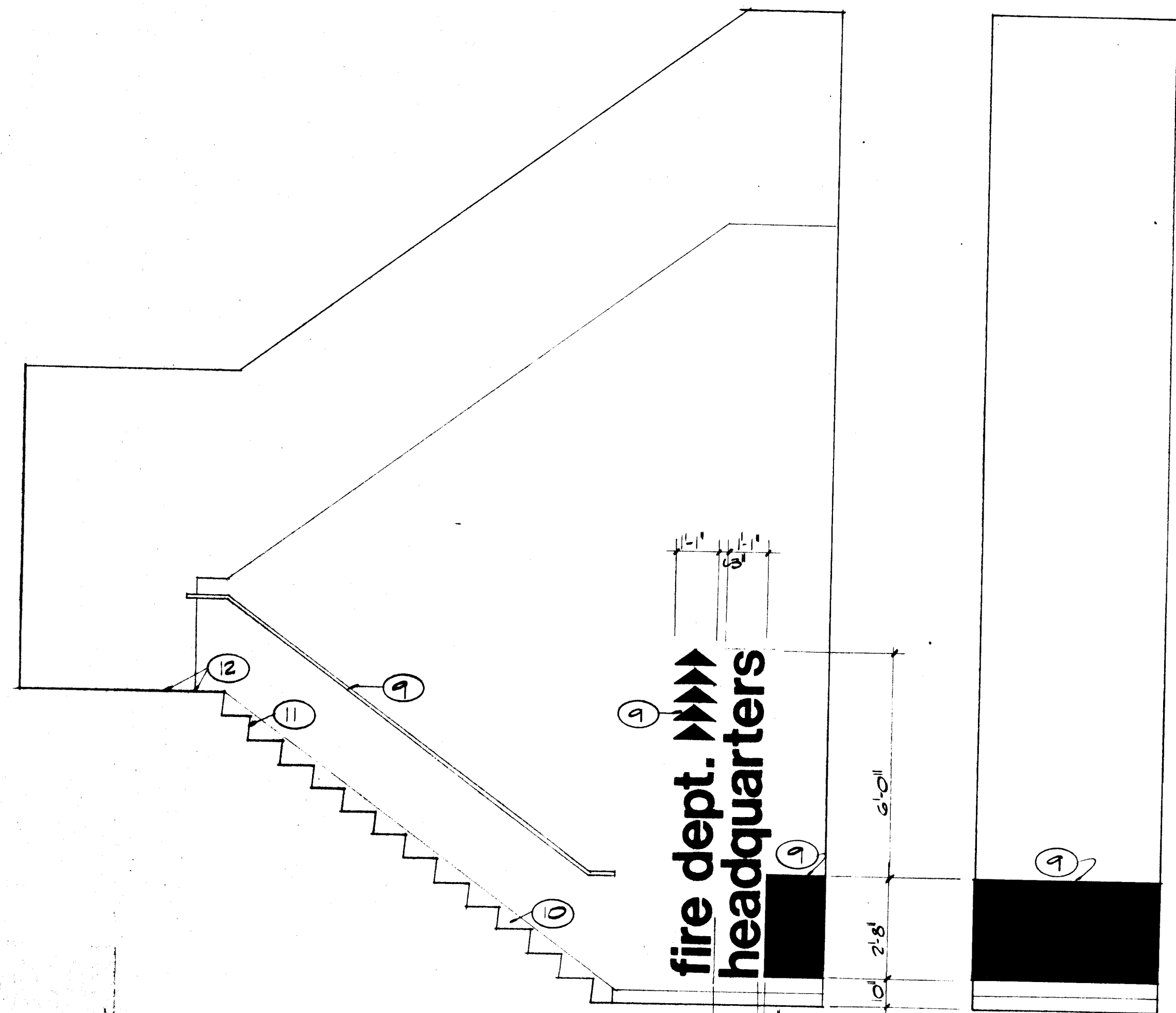
2 ELEVATION
A-12 SC: 3/8" = 1'-0"



3 ELEVATION
A-12 SC: 3/8" = 1'-0"



4 ELEVATION
A-12 SC: 3/8" = 1'-0"



5 ELEVATION
A-12 SC: 3/8" = 1'-0"

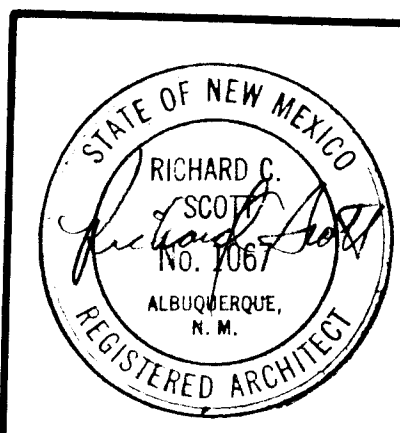
6 ELEVATION
A-12 SC: 3/8" = 1'-0"

- KEYED NOTES
- 1 The new garage doors will be painted to match the new aluminum bronze frames.
 - 2 Kitchen casework will have Wilsonart "Frosty White" #1573 countertops and "Mohawk" #D60-6 base cabinets.
 - 3 Rest rooms will have Wilsonart "Frosty White" #1573 vanity casework.
 - 4 Toilet partitions will be General Partitions "Persimmon".
 - 5 The inside skylight alcove will be painted Wellborn "Pale Chamois" #Q457P.
 - 6 The open office partitions will be painted Wellborn "Frosty Walnut" #Q458P.
 - 7 The hollow metal frame for the round window will be painted Pittsburgh Paint #N7157 "Cardinal" or to match on the interior and painted to match the aluminum bronze framing on the exterior.
 - 8 Not used.
 - 9 All graphics shall be painted Pittsburgh Paint #N 7157 "Cardinal" or to match.
 - 10 Stair stringer shall be painted to match wall.
 - 11 Stair riser will be painted to match wall.
 - 12 Stair treads and landing shall be **AUGSON** 925 #788 **DARK CHOCOLATE** **Septe Brown**.
 - 13 Interior handrails shall be painted Pittsburgh Paint #N 7157 "Cardinal" or to match.
 - 14 The exterior handrail will be painted to match bronze aluminum frames.
 - 15 The sound soak panels shall be Armstrong "Caramel".
 - 16 Lockers will be Republic #35 "Coppertone".
 - 17 Dormitory casework shall be Wilsonart "Doeskin" #D43-6.

- GENERAL NOTES
- 1 All walls will be painted Wellborn "Ranier White" unless otherwise noted.
 - 2 All existing exterior doors and frames will be painted to match the new aluminum bronze frames.
 - 3 All interior wood doors and wood frames will be clear stained.
 - 4 All blinds will be Bali #108 M "Praline" unless otherwise noted.
 - 5 All carpet will be Bigelow Definition #4207-54756 "Castle Grey".
 - 6 All sheet vinyl will be Armstrong "Seagate" #86500.
 - 7 All quarry tile and base shall be American Olean #1424 "Burned Adobe" set in herringbone pattern.
 - 8 The exterior metal siding shall be Berridge "Colonial Red".
 - 9 The mud mat shall be rust.
 - 10 The vinyl base shall be Nafco "Nubian" #CB-35.
 - 11 Exterior building signage shall be Andco Helvetica medium raised letters, bronze to match aluminum bronze framing.

1	2	3	4	5	6	7	8	9	10	11	12
2	6	1	7	5	1	1	2	8	5		

AS BUILT 10/10/84
7-3-85



architect

engineer

LONG & WATERS
PA AIA



ARCHITECTS
ENGINEERS
PLANNERS

sheet title

COLOR SCHEDULE
& GRAPHICS

project #1751

RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO

CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

11-21-83

sheet no.

A12

GENERAL NOTES - FOUNDATION PLAN

- 1. Local datum for all elevations is finished floor of the existing storage room, elevation = 100'-0".
- 2. New foundations and floors on grade are to be placed on compacted fill over prepared subgrade. See SPECIFICATIONS for requirements.

DESIGN CRITERIA

BUILDING CODE: Uniform Building code, 1982 edition

VERTICAL DESIGN LOADS

Location	Dead	Live
Roof	20 psf	20 psf
Framed floors		
Corridors, exit facilities	50	100
Stairways	40	100*
Floors on grade		200

*Each tread of stairways shall be designed for a concentrated load of 300 pounds at any location.

SEISMIC DESIGN FACTORS

Zone factor (zone 2)	Z = 0.375
Structural system factor	K = 1.33
Importance factor	I = 1.50
Combined Building period and soil-structure interaction factor	CS = 0.14

WIND DESIGN CRITERIA

Wind speed region	70 mph
Exposure C	
Stagnation pressure (Q_s) at 30 feet above grade	13 psf
Height zone	20 - 40 feet
Importance factor	I = 1.15
Combined height, exposure and gust factor coefficient	$C_e = 1.3$
Analysis Method 1 (normal force method)	
Pressure coefficients (C_p) and design pressures (P)**	

Structural Element	Pressure Coefficient	Design Pressure
Primary Framing System		
Windward wall	0.8	15.6 psf
Leeward wall	0.5	9.8
Roof	-0.7	-13.7
Building Elements and Components		
Walls (except as listed below)	+1.2, -1.1	+23.4, -21.5
Parapets	+/-1.3	+/-25.4
Roof (except as listed below)	-1.1	-21.5
Local areas at discontinuities		
Wall corners	-2.0	-39.0
Roof eaves at building corners	-3.0	-58.5
Roof edges except at building corners	-2.0	-39.0
Canopies and overhangs	-2.8	-54.6

** $P = C_p C_q I = 19.5 C_q$

** Positive numbers indicate inward or downward loads; negative signs indicate outward (suction) or upward loads.

SOIL DESIGN BEARING PRESSURES

Dead load plus one-half live load	1500 psf
Dead load plus full live load	2000 psf

STRUCTURAL MATERIALS

CONCRETE
Compressive strength: $f'_c = 3000$ psi at 28 days
Cement: ASTM C150, type I/II
Aggregates: ASTM C33
Nominal unit weight: 145 pcf

CONCRETE MASONRY UNITS
Hollow: ASTM C90, type N-I, medium weight (scoria aggregate)
Solid: ASTM C145, type N-I, medium weight (scoria aggregate)

BRICK
ASTM C216, type FBX, grade SW for vertical surfaces in contact with or within 12 inches of earth and all horizontal and sloping surfaces, grade MW at other locations.

MASONRY MORTAR AND GROUT
Mortar: ASTM C270, type S, $f'_m = 1800$ psi @ 28 days
Grout: ASTM C476, $f'_c = 2000$ psi @ 28 days

CONCRETE AND MASONRY REINFORCING
Bars: ASTM A615, deformed, grades as follows:
Ties and stirrups: grade 40
Other: grade 60
Welded wire fabric: ASTM A182

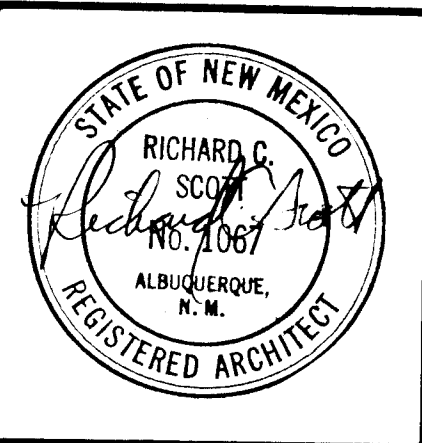
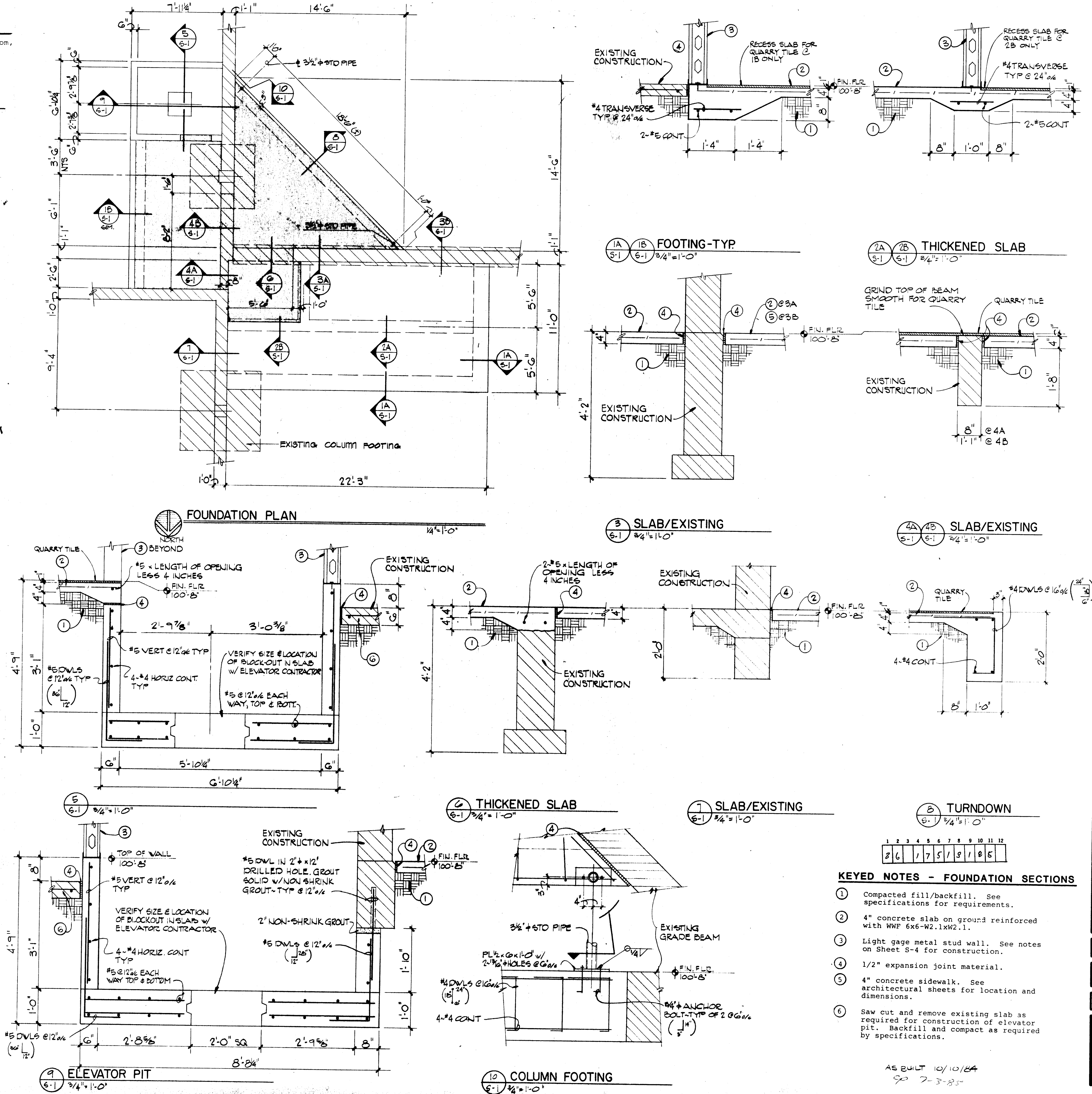
STRUCTURAL AND MISCELLANEOUS STEEL
Tubing: ASTM A500, grade B, $f_y = 46,000$ psi
Pipe: ASTM A53, type E or S, grade B, black finish except as otherwise noted, $f_y = 35,000$ psi
Other: ASTM A36, $f_y = 36,000$ psi

BOLTS AND NUTS
Bolts
Steel-to-steel connections: ASTM A325 direct tension indicating with washers at all slotted holes
Other: ASTM A307, grade A, hexagonal heads
Nuts: ASTM A563, heavy hex for high strength bolts, hex for other uses

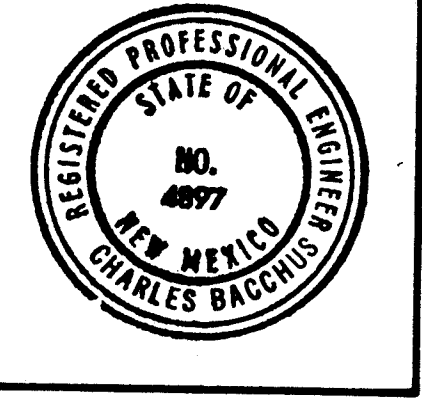
LIGHT GAGE STRUCTURAL STEEL FRAMING (Cold-Formed)
ASTM A446, A570, A607 or A611 with minimum yield stress of 40,000 psi for 16 gage and heavier members and 33,000 psi for 18 gage and lighter members
See notes on Sheet S-4 for required section properties

STEEL FORM DECK
1-1/2" deep 22 gage galvanized type B (Steel Deck Institute wide rib) deck with rolled-in deformations to create composite action between form deck and topping slab
S (minimum) = 0.200 in3/ft
I (minimum) = 0.180 in4/ft

PLYWOOD
American Plywood Association CDX grade (interior with exterior glue) thicknesses and identification indices as shown.



architect



engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

FOUNDATION PLAN
& DETAILS

project #1751

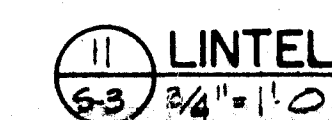
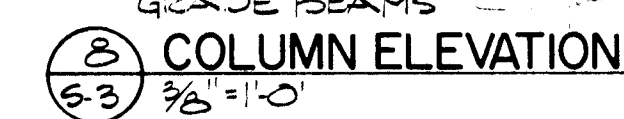
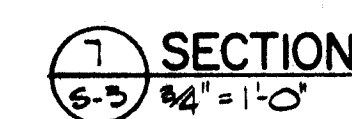
RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

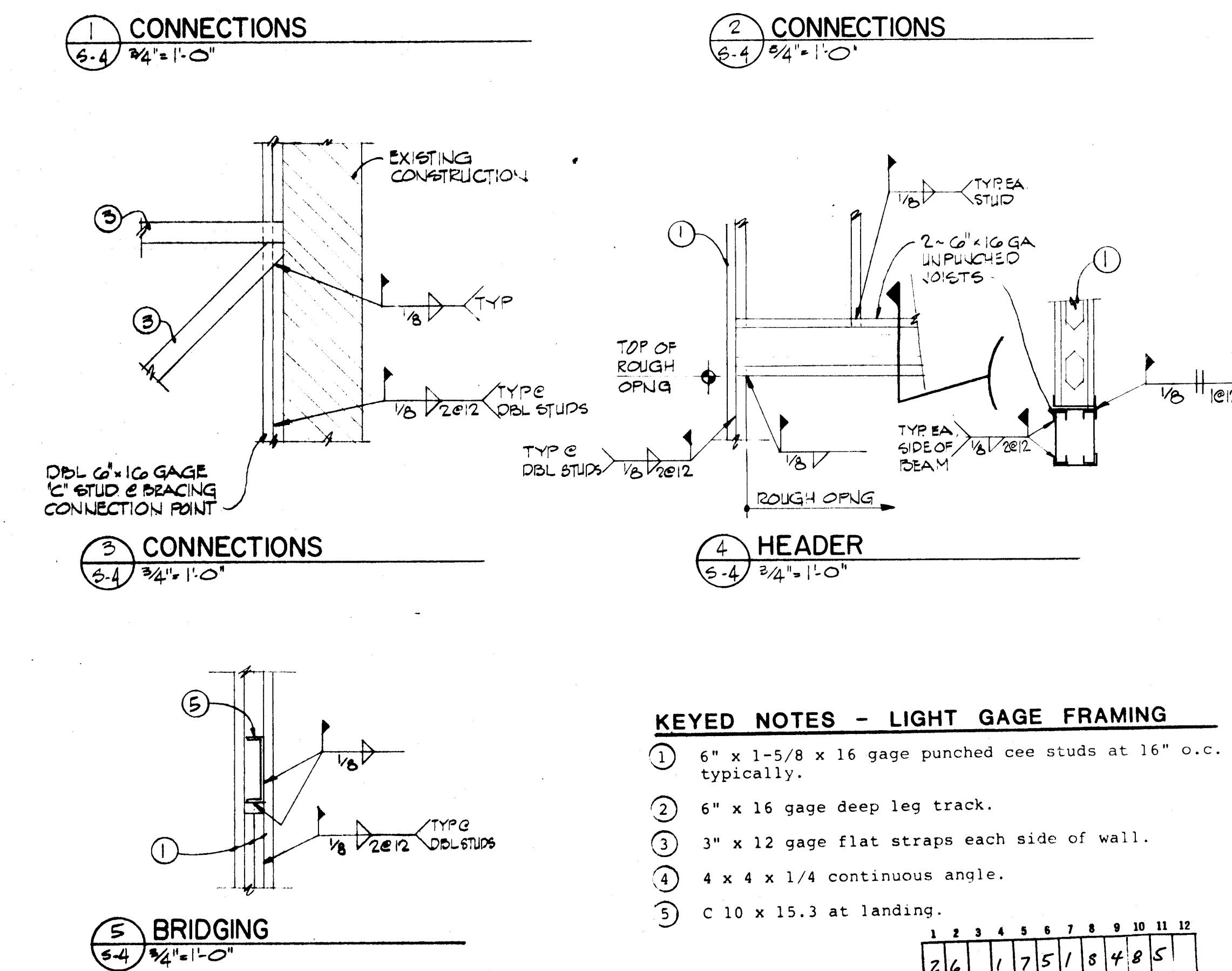
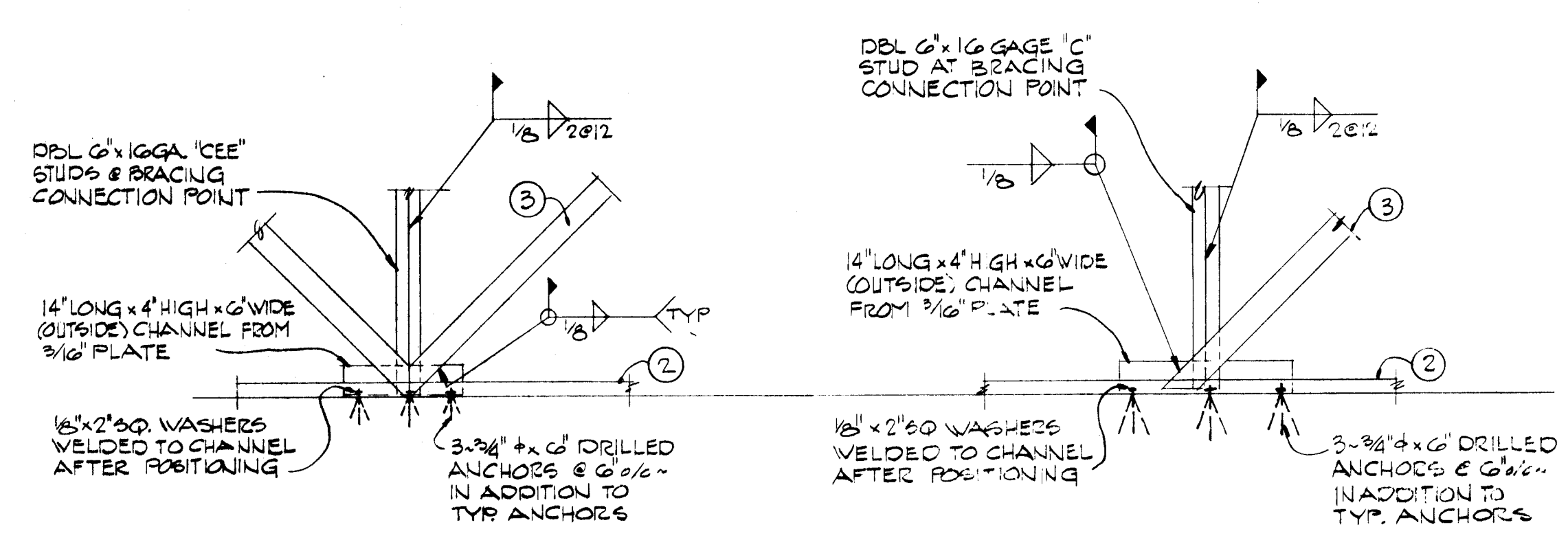
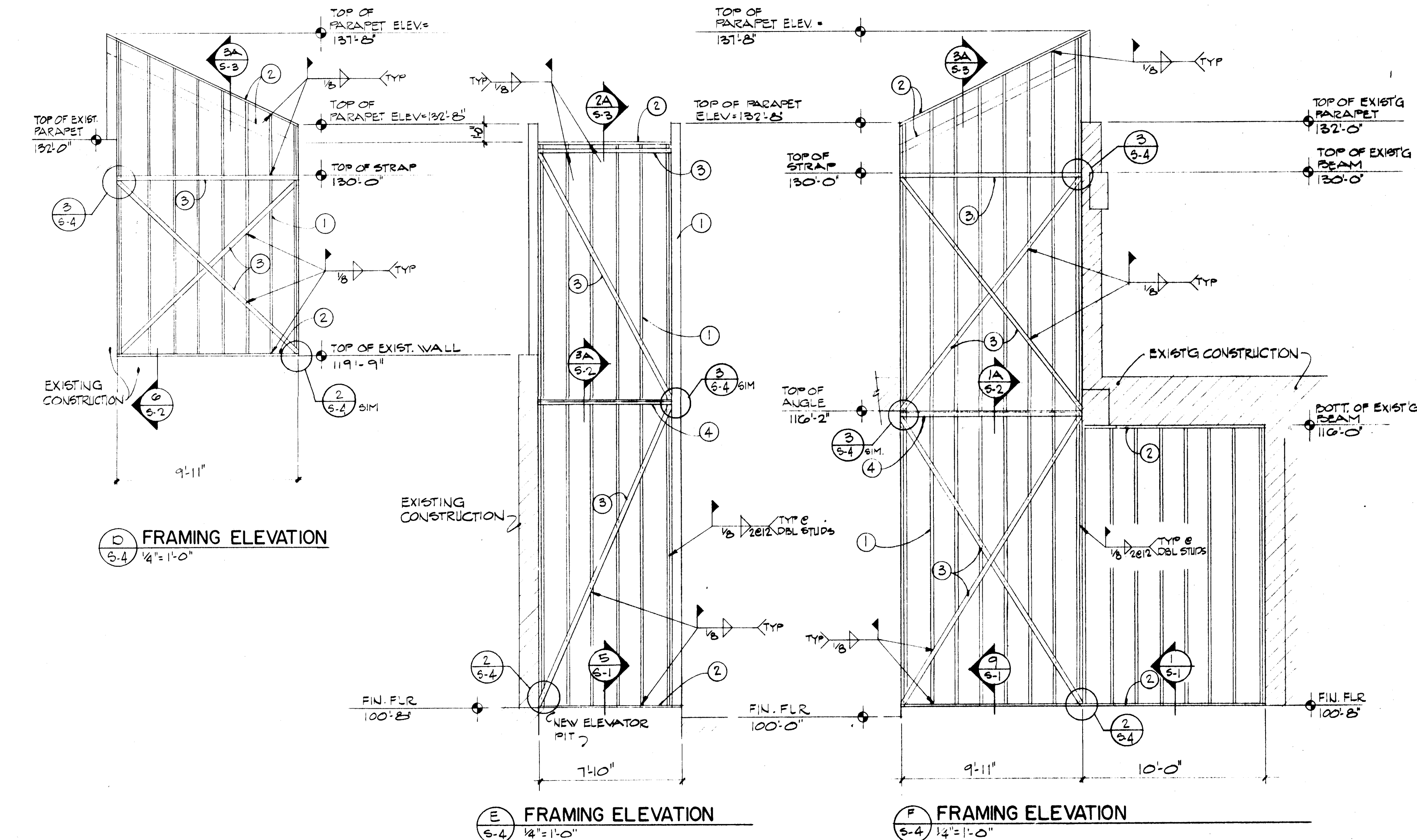
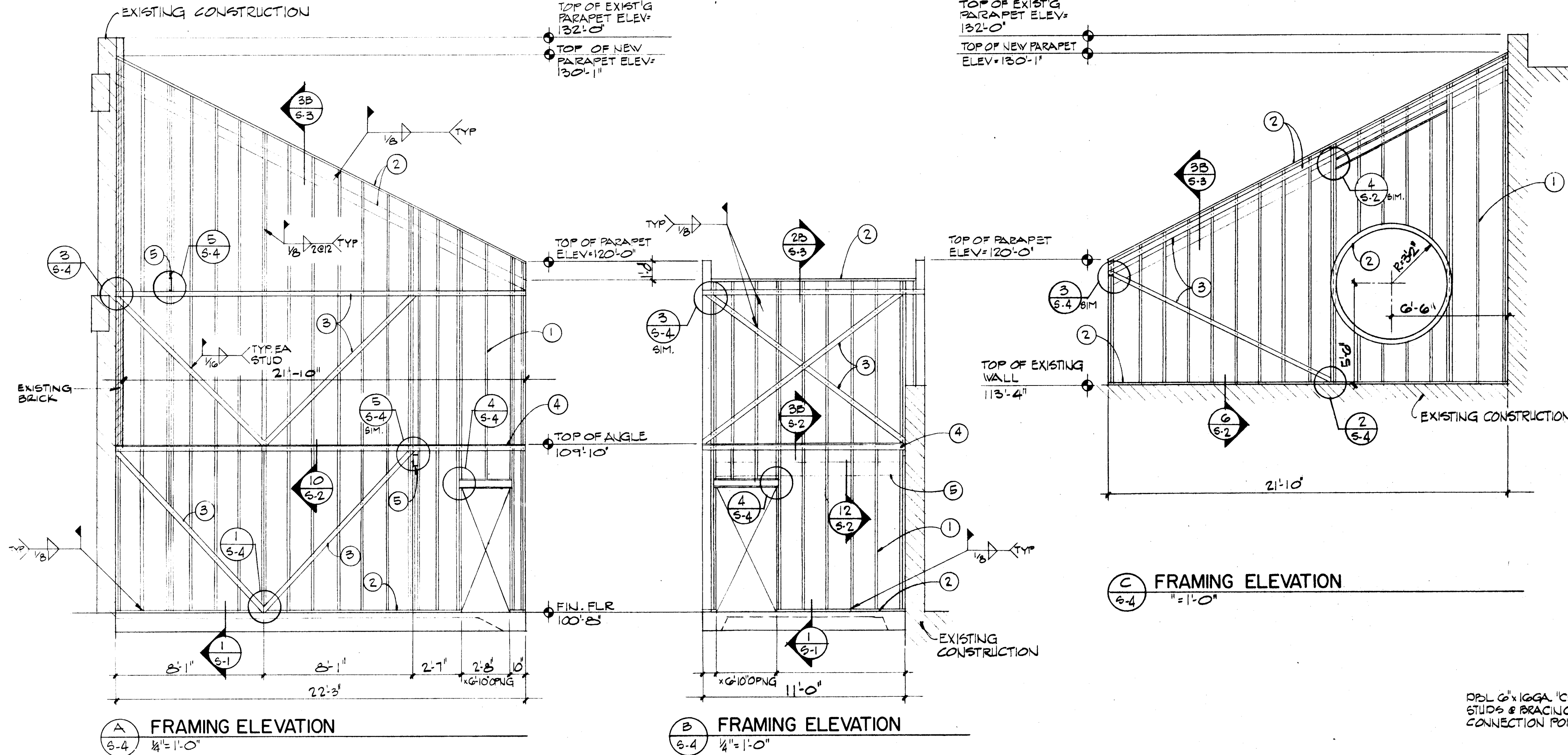
11-21-83

sheet no.

S-1



AS BUILT 10/10/84
7-3-85



- GENERAL NOTES - LIGHT GAGE FRAMING**
- Member properties. Except as otherwise shown on the drawings, light gage steel structural members shall have the following minimum properties.
"Cee" studs:
a) 4" wide: 18 gage; 1-5/8" flanges; 1/2" returns;
A(min) = 0.31 in²; Ix(min) = 0.95 in⁴
b) 6" wide: 16 gage; 1-5/8" flanges; 1/2" returns;
A(min) = 0.44 in²; Ix(min) = 2.97 in⁴
"Deep leg" tracks:
a) 4" wide: 16 gage; 1-5/16" (min) flanges;
A(min) = 0.39 in²; Ix(min) = 0.94 in⁴
b) 6" wide: 16 gage; 1-5/16" (min) flanges;
A(min) = 0.51 in²; Ix(min) = 2.46 in⁴
 - Connections. All connections except as specifically shown otherwise shall be welded. Welding shall be performed by welders currently certified and using welding processes approved by the American Welding Society (AWS) and the American Iron and Steel Institute (AISI).
 - Anchorage to concrete and brick.
Typical: 3/16" x 1-1/4" (minimum) standard velocity power (powder) driven fasteners at 24 inches on center (maximum).
At diagonal bracing: As shown on the elevations and details on this sheet.
 - Bracing. Diagonal and cross-bracing shall be located and connected to walls as shown on the elevations and details on this sheet. Bracing is to be applied to both sides of the walls except as specifically shown otherwise and shall not be installed until walls are properly erected, aligned, plumbed and leveled. Bracing shall not be used to force walls into their proper positions nor to maintain walls in their proper positions after they have been forced by other means.
 - Bridging. Except where solid bridging is shown, provide manufacturer's standard stud and joist bridging. Stud bridging shall be at intervals not to exceed four feet and joist bridging shall be placed at midspan.

- KEYED NOTES - LIGHT GAGE FRAMING**
- 6" x 1-5/8 x 16 gage punched cee studs at 16" o.c. typically.
 - 6" x 16 gage deep leg track.
 - 3" x 12 gage flat straps each side of wall.
 - 4 x 4 x 1/4 continuous angle.
 - C 10 x 15.3 at landing.
- AS BUILT 10/10/84
C 7-3-85

STATE OF NEW MEXICO
RICHARD C. SCOTT
No. 1067
REGISTERED ARCHITECT

architect

STATE OF NEW MEXICO
No. 4897
REGISTERED PROFESSIONAL ENGINEER
CHARLES BRAGDON

engineer

LONG & WATERS
PA AIA

ARCHITECTS
ENGINEERS
PLANNERS

sheet title

LIGHT GAGE
FRAMING DETAILS

project #1751

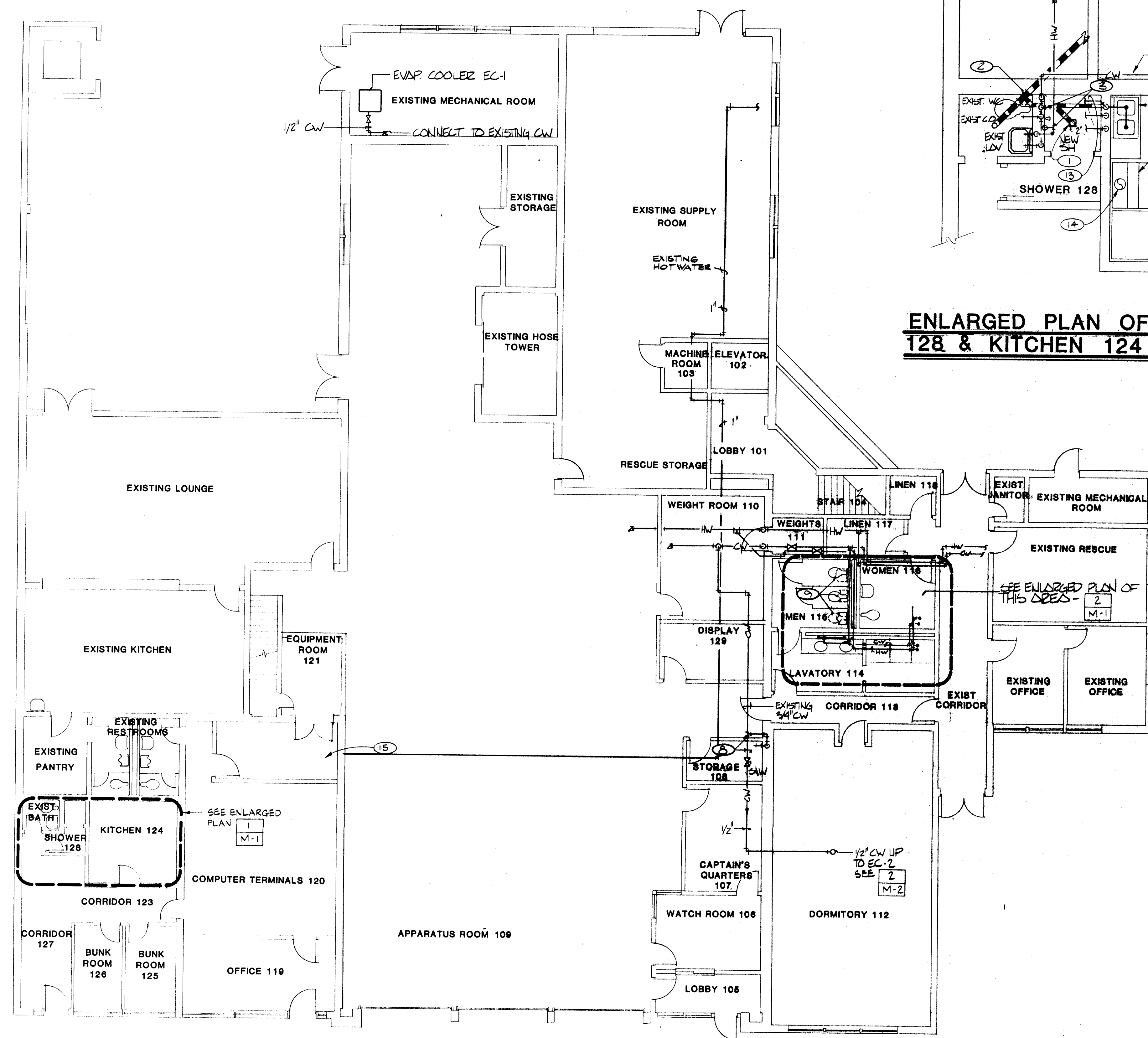
RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

11-21-83

sheet no.

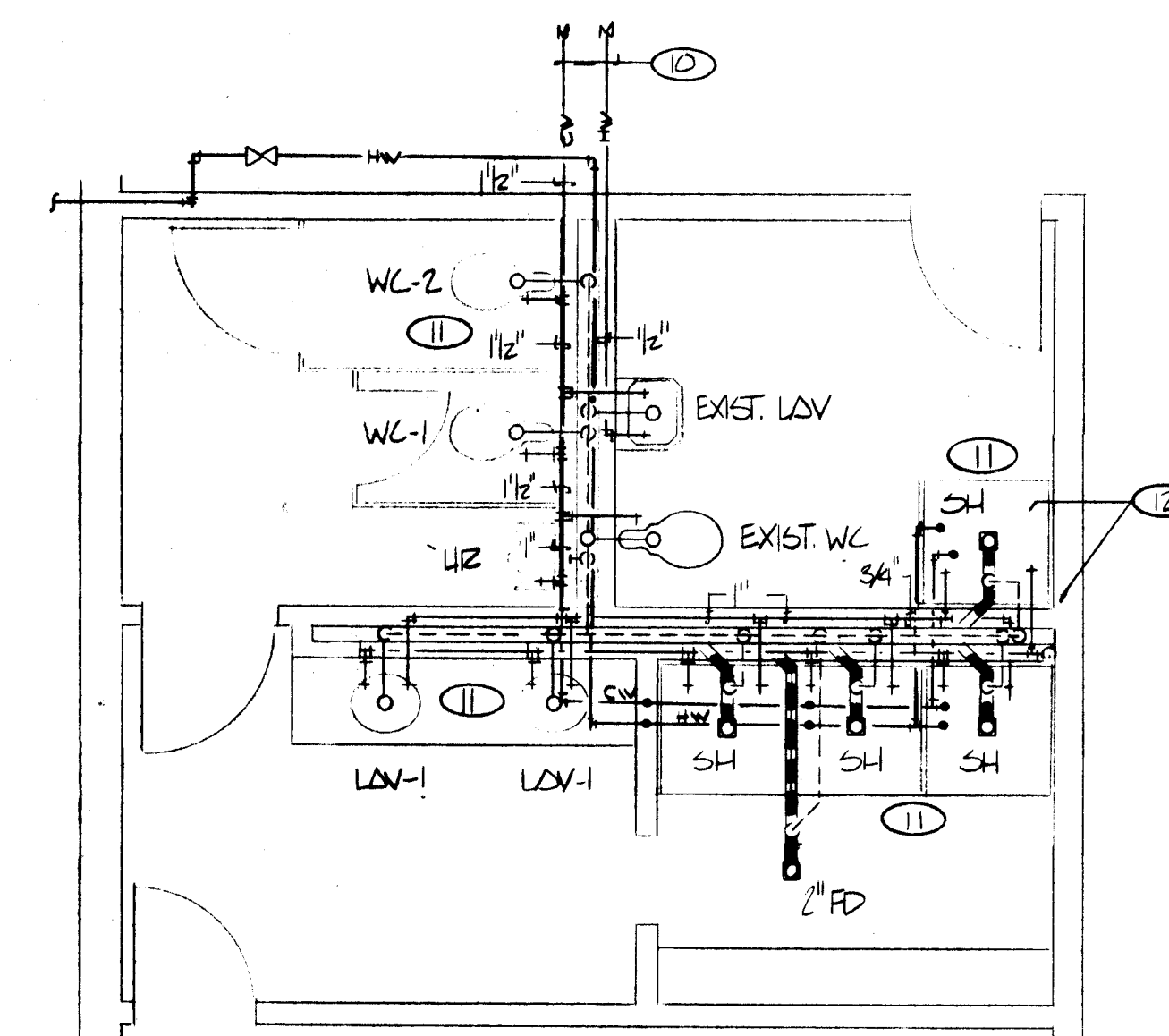
S-4



**ENLARGED PLAN OF SHOWER
128 & KITCHEN 124**

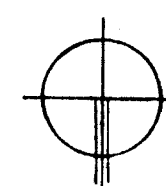
KEYED NOTES:

- 1 INSTALL NEW SHOWER DRAIN. CUT AND PATCH FLOOR AS NECESSARY. CONNECT VENT TO EXISTING VENT FOR EXISTING PLUMBING FIXTURES.
- 2 CONNECT NEW SHOWER DRAIN TO EXISTING SOIL LINE. CUT AND PATCH FLOOR AS NECESSARY.
- 3 CONNECT HOT & COLD WATER FOR NEW SHOWER TO EXISTING LINES. CUT AND PATCH WALL AS NECESSARY.
- 4 EXISTING HOT WATER LINE ABOVE CEILING FROM WATER HEATER.
- 5 REMOVE A SECTION OF THE EXISTING HOT WATER LINE AND EXTEND THE HOT WATER LOOP TO THE NEW SHOWERS IN ROOMS 114 AND 116. SEE ENLARGED RESTROOM PLAN 2/M-2 FOR CONTINUATION. CUT AND PATCH EXISTING CEILING AS REQUIRED.
- 6 NEW HOT WATER LOOP FROM EXISTING HOT WATER LINE SEE FIRST FLOOR PLAN - PLUMBING FOR CONTINUATION.
- 7 EXISTING HOT WATER TO KITCHEN.
- 8 CONNECT NEW 1/2\" COLD WATER LINE FOR EC-2 TO EXISTING 3/4\" COLD WATER LINE ABOVE CEILING. CUT & PATCH CEILING AS REQUIRED.
- 9 REMOVE ALL EXISTING PLUMBING FIXTURES IN ROOM 115. INSTALL NEW PLUMBING FIXTURES AS SHOWN ON ENLARGED RESTROOM PLAN 2/M-1.
- 10 CONNECT COLD WATER FOR FIXTURES IN ROOMS 114, 115 AND 116 TO EXISTING COLD WATER LINE. CONNECT HOT WATER FOR LAVATORY IN ROOM 116 TO EXISTING HOT WATER LINE.
- 11 CUT AND PATCH EXISTING WALLS AND FLOORS AS NECESSARY TO REMOVE EXISTING PLUMBING FIXTURES AND INSTALL NEW PLUMBING FIXTURES AND PIPING.
- 12 SEE SOIL, WASTE AND VENT RISER DIAGRAM 1/M-5 FOR SOIL WASTE AND VENT PIPING SIZES.
- 13 INSTALL NEW KITCHEN SINK WITH DISPOSER. CONNECT TO EXISTING WASTE, VENT & WATER PIPING FOR EXISTING TOILET ROOM. CUT & PATCH FLOOR, WALLS & CEILING AS NECESSARY.
- 14 7\" DUCT THRU ROOF TO ROOF CAP. SEE DETAIL 1/M-1.
- 15 REMOVE EXISTING KITCHEN SINK AND CAP ALL PIPING BEHIND FLOOR AND WALL SURFACES. PATCH WALL AND FLOOR AS NECESSARY.



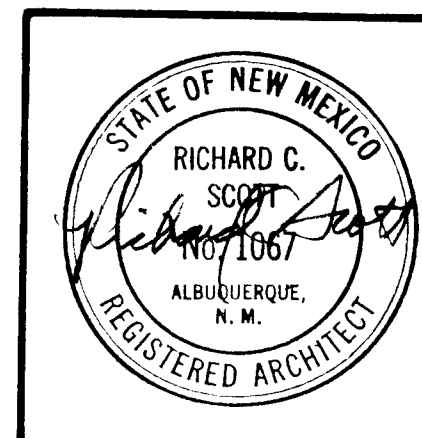
ENLARGED RESTROOM PLAN

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



FIRST FLOOR PLAN - PLUMBING

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



architect



engineer

**LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS**

sheet title

FIRST FLOOR
PLUMBING PLAN

project #1751

RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

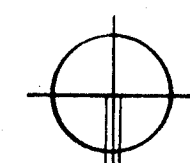
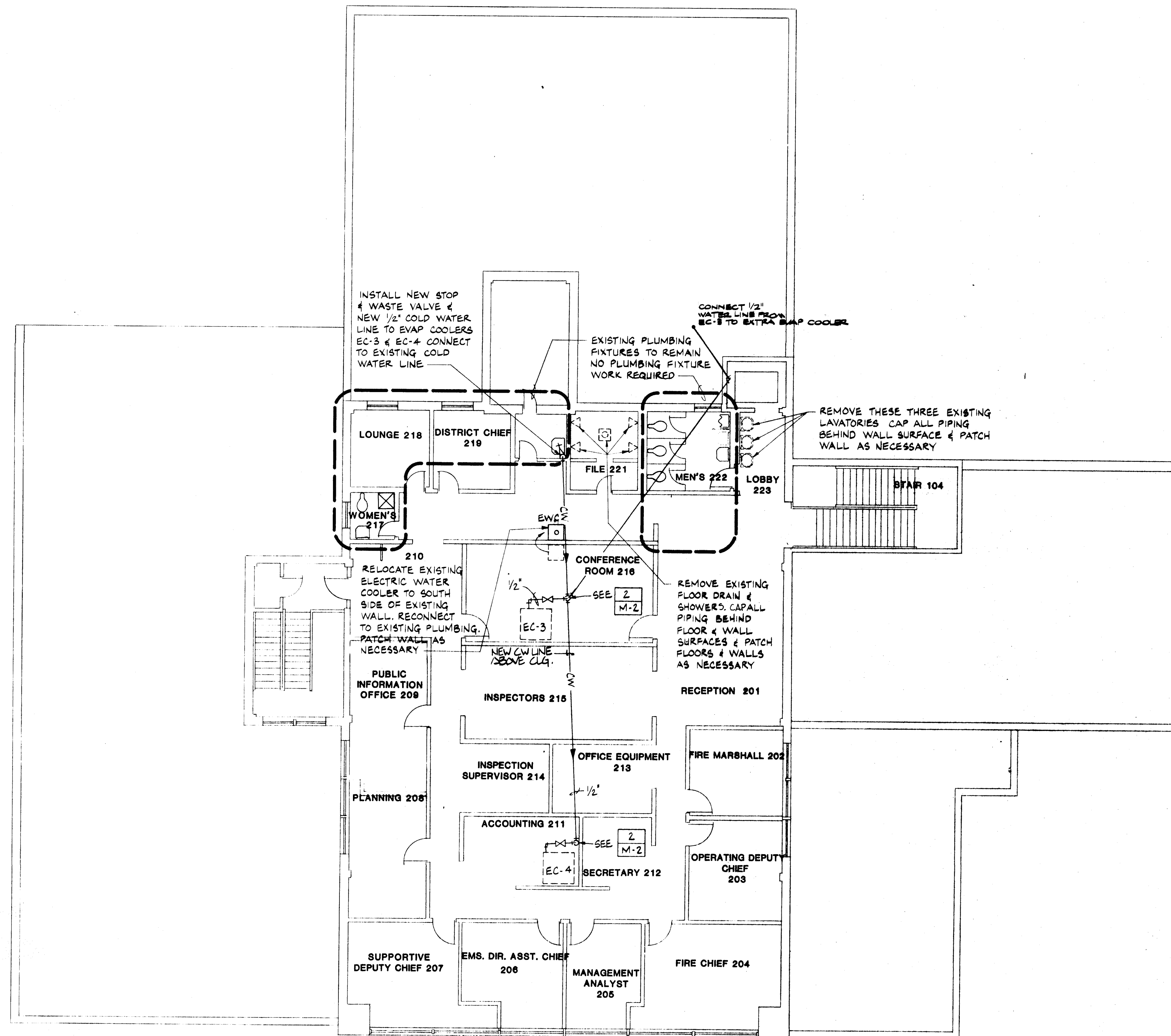
11-21-83

sheet no.

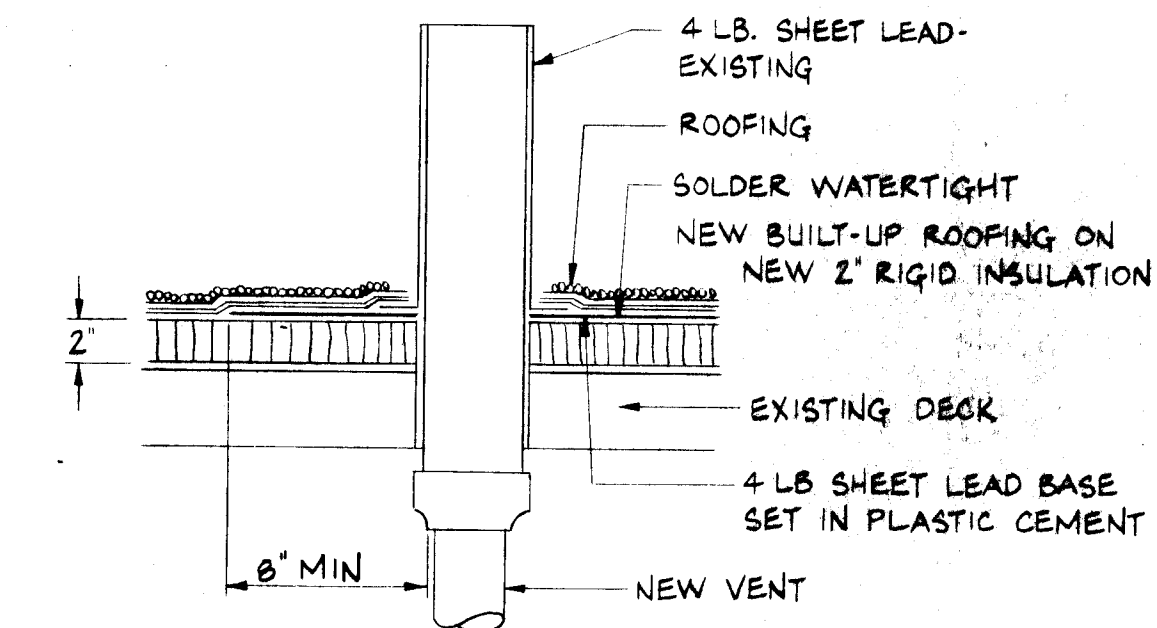
M1

1 2 3 4 5 6 7 8 9 10 11 12
26 1751 M185

SP 7-3-85
AS BUILT 10/10/84



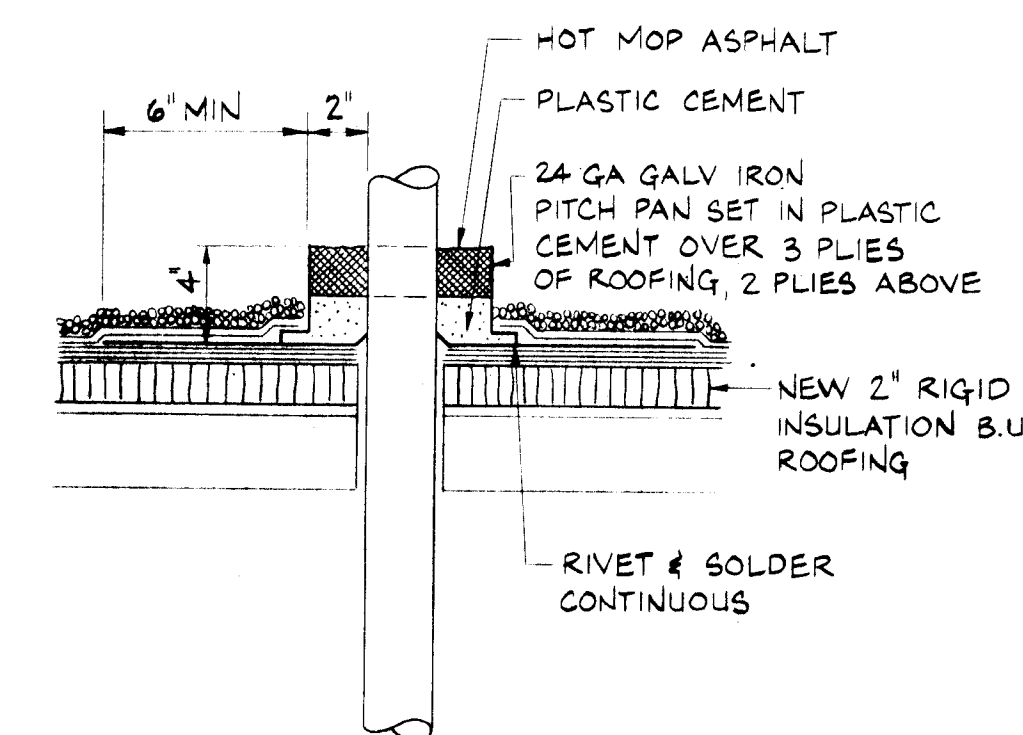
SECOND FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"



PLUMBING VENT DETAIL

NO SCALE

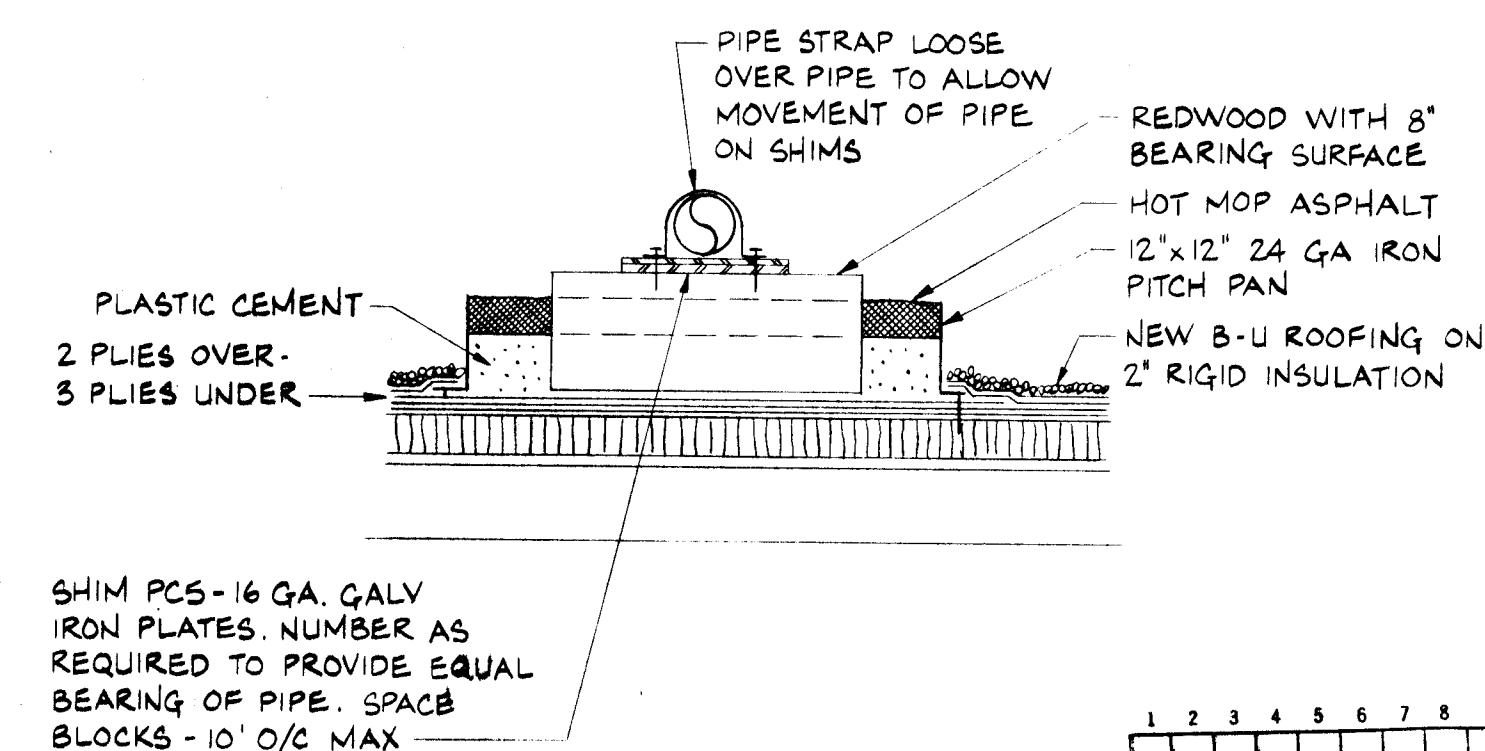
1
M-2



PIPING ROOF PENETRATION DETAIL

NO SCALE

2
M-2



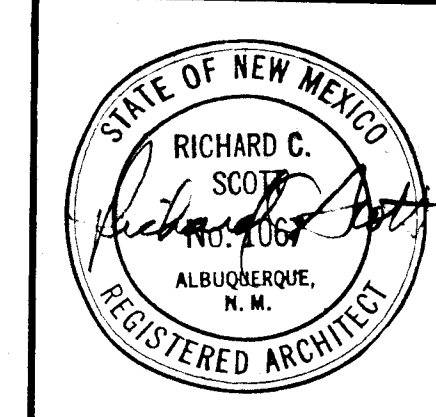
PIPING ROOF SUPPORT DETAIL

NO SCALE

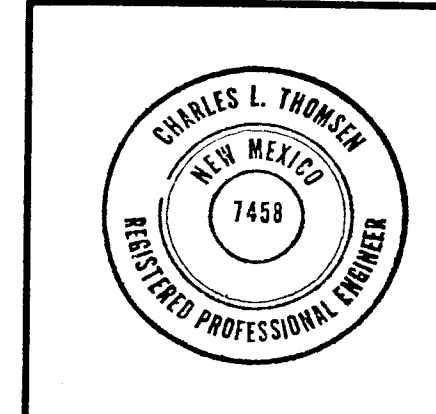
3
M-2

AS BUILT 10/10/84

92 7-3-84



architect



engineer

LONG & WATERS
PA AIA

ARCHITECTS
ENGINEERS
PLANNERS

sheet title

SECOND FLOOR
PLUMBING PLAN

project #1751

RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO

CITY OF ALBUQUERQUE FIRE DEPARTMENT

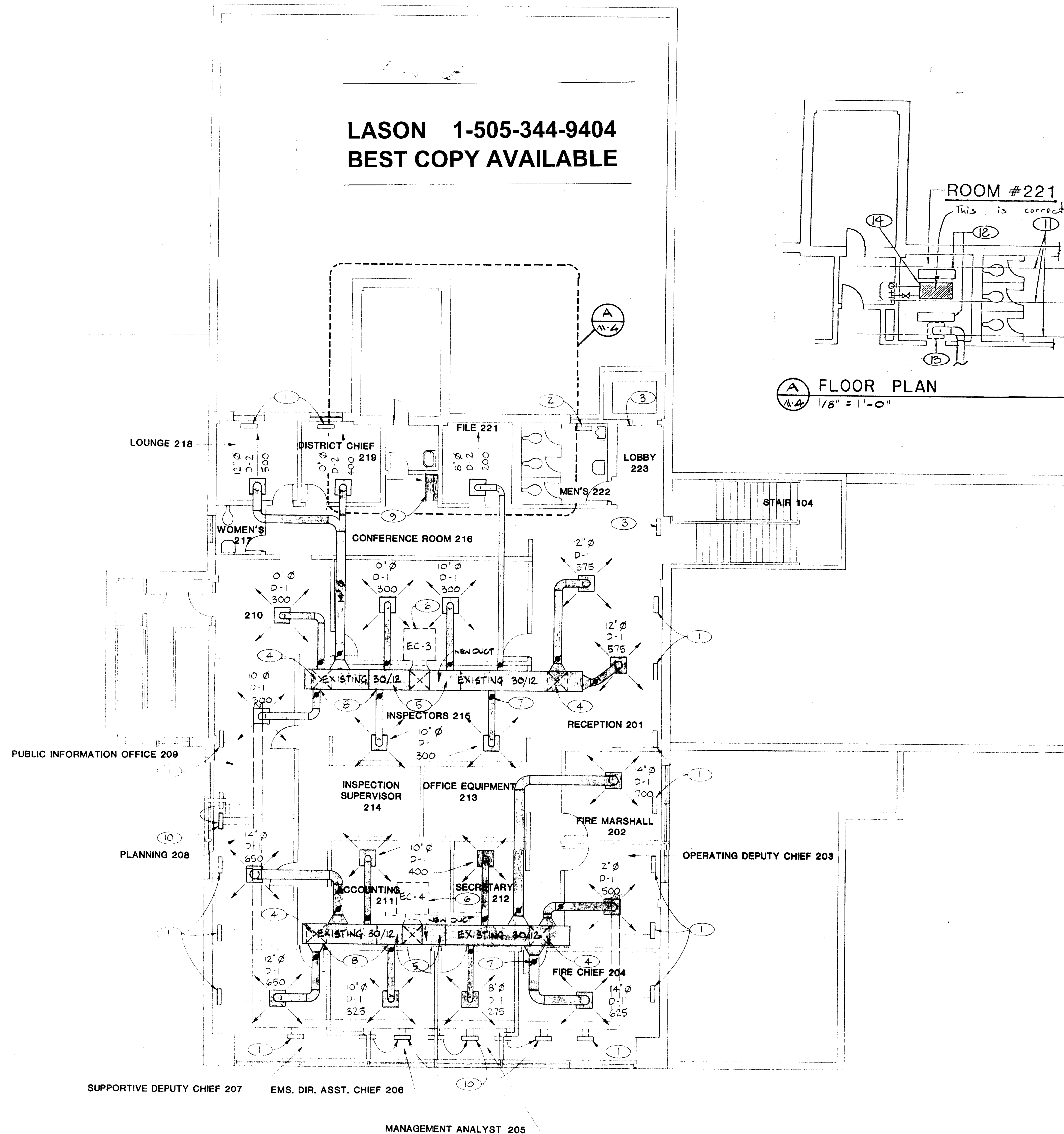
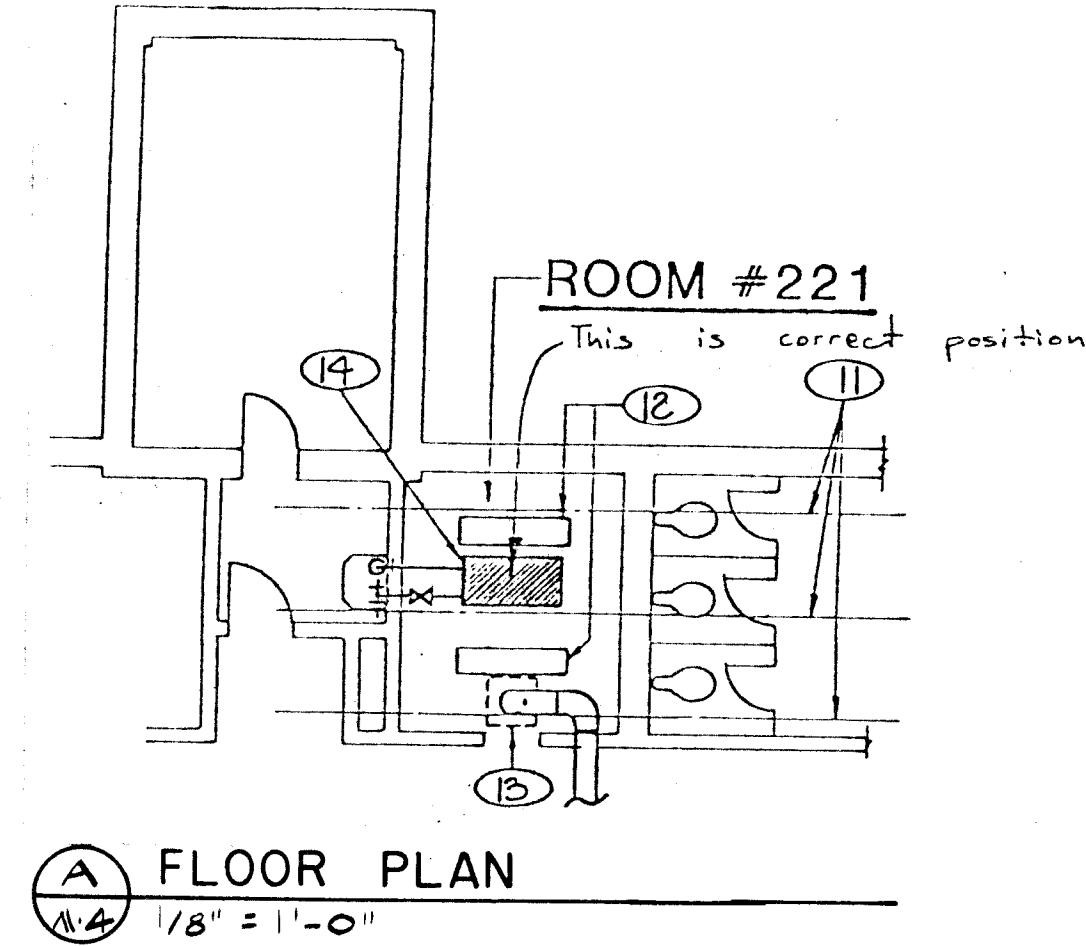
date

11-21-83

sheet no.

M2

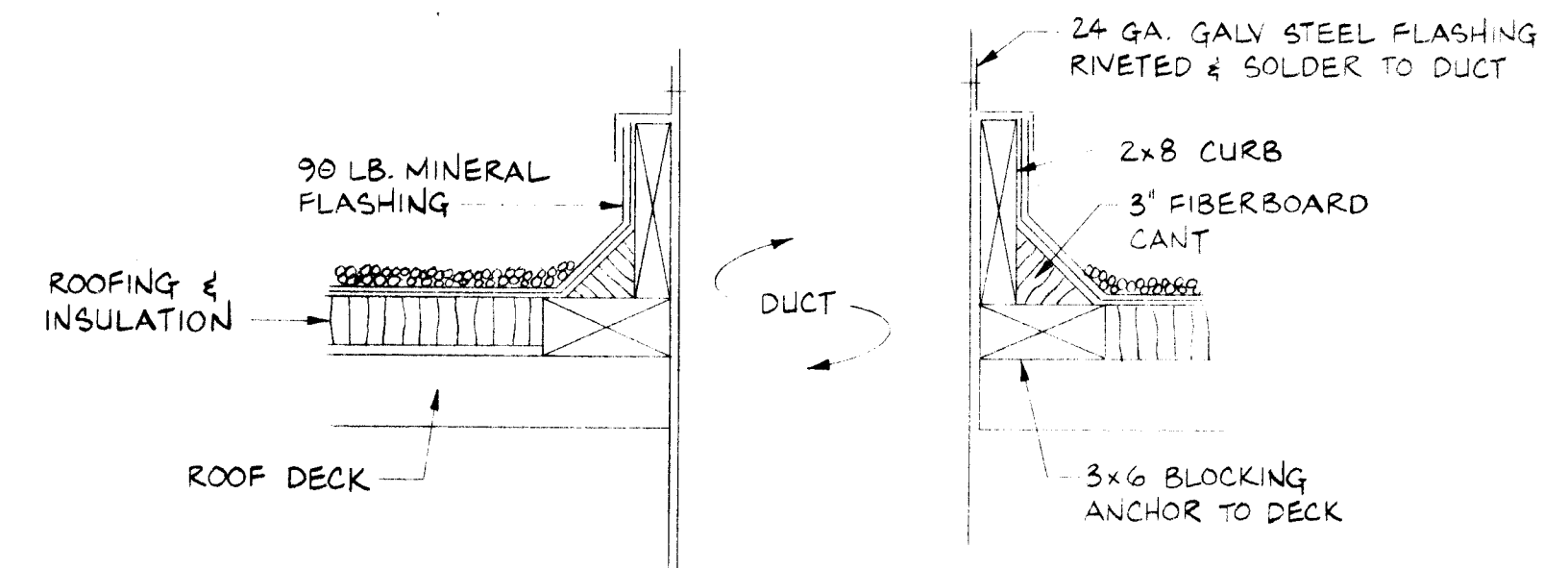
LASON 1-505-344-9404
BEST COPY AVAILABLE



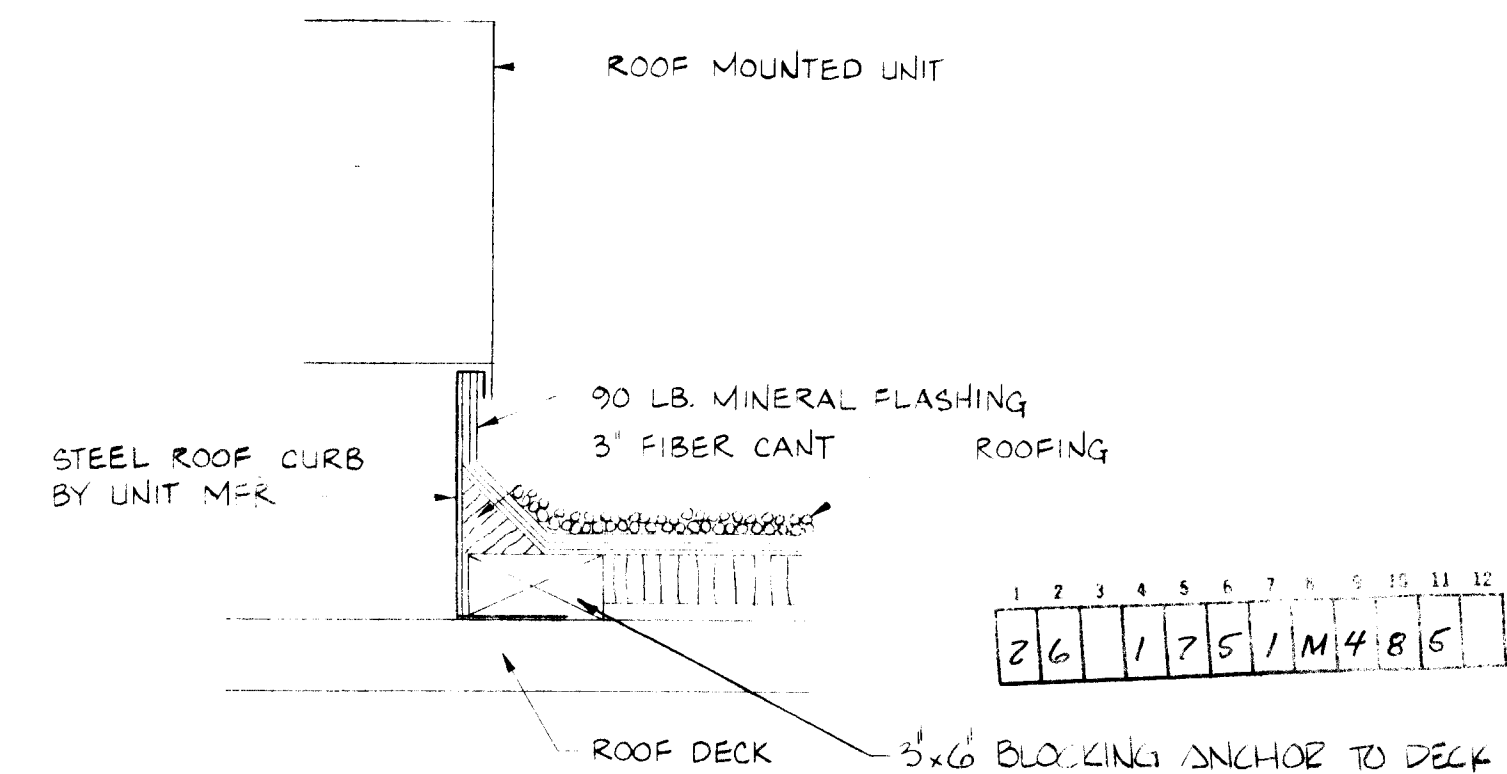
SECOND FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"

KEYED NOTES

- Existing floor heating supply air register to remain. Clean and repaint.
- Existing convactor to remain. Clean, repaint and install new self-contained control valve V-1.
- Remove existing convactor and cap piping below floor level.
- Remove existing ceiling diffusers and close duct openings.
- Existing cooling supply air duct to remain.
- Remove existing evaporative coolers and install new evaporative coolers EC-3 and EC-4. Connect new evaporative coolers to existing supply air ductwork and to existing water piping.
- Butterfly type manual damper - typical.
- Connect new round branch supply air ducts for diffuser to existing supply air main ducts - typical. Provide rectangular to round connector for 12" and 14" diameter ducts. Cut and patch existing ceiling as necessary to install new ducts and diffusers.
- Existing return air grille for HV-2 to remain.
- Remove and relocate existing heating supply air register as shown. Reconnect to existing heating supply air duct below floor. Cut and patch floor and ceiling below as necessary.
- APPROXIMATE LOCATION OF ROOF JOISTS.
- APPROXIMATE LOCATION OF LIGHT FIXTURES.
- EXISTING SUPPLY AIR DIFFUSER. REMOVE DIFFUSER, CAP DUCT, AND PATCH CEILING.
- INSTALL NEW COMPUTER ROOM AIR CONDITIONER ABOVE CEILING WITH SUPPLY AND RETURN GRILLES AT CEILING LEVEL. SUPPORT FROM ROOF STRUCTURE AND LOCATE TO CLEAR ROOF JOISTS AND LIGHT FIXTURES. CONNECT WATER SUPPLY TO COLD WATER LINE IN JANITOR'S CLOSET AND CONNECT DRAIN LINE TO DISCHARGE INTO SERVICE SINK IN JANITOR'S CLOSET. AIR CONDITIONER SHALL BE A HIROSS "HILANDER" MODEL C-04-W1-6ESAROEQ OR EQUAL, WATER COOLED UNIT WITH WATER SUPPLY SOLENOID, WATER REGULATING VALVE CONDENSATE PUMP, REHEAT, HUMIDIFIER, AND WALL MOUNTED CONTROL PANEL, 208 VOLT, SINGLE PHASE, 60 HZ.

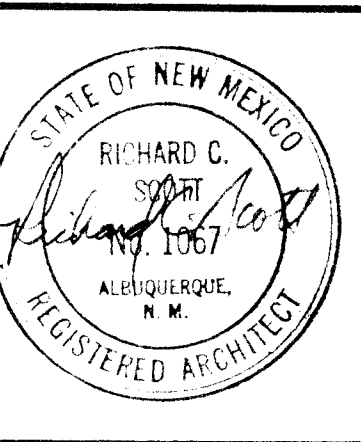


DUCT ROOF PENETRATION DETAIL
NO SCALE



TYPICAL ROOF MOUNTED EQUIPMENT DETAIL
NO SCALE

AS BUILT 10/10/84
9 7 3-85



architect



engineer



sheet title

SECOND FLOOR
HVAC PLAN

project #1751

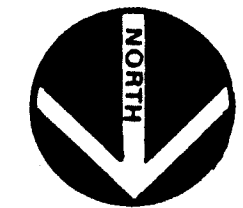
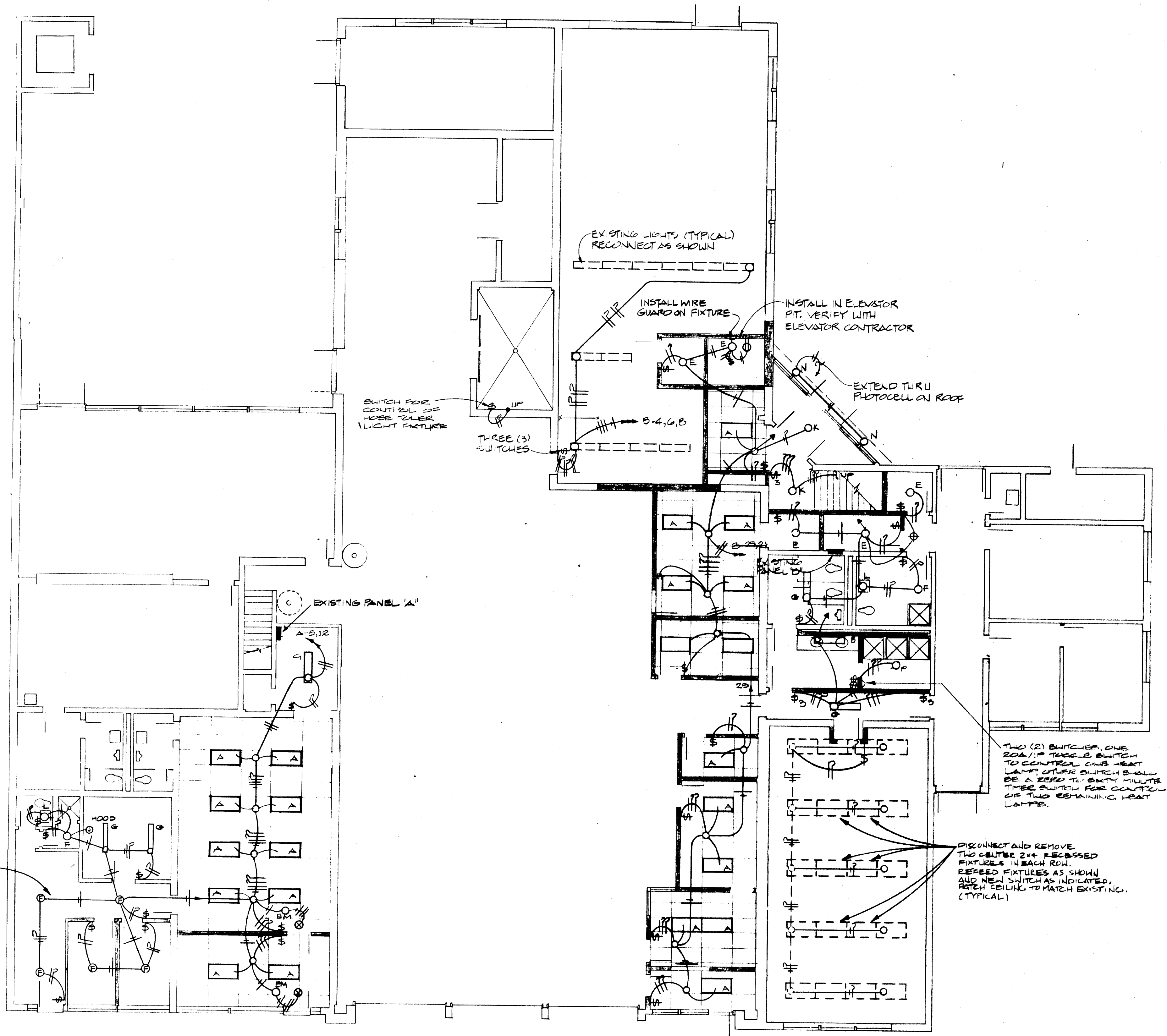
RENOVATION OF FIRE STATION #1
724 SILVER AVENUE, S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

11-21-83

sheet no.

M4

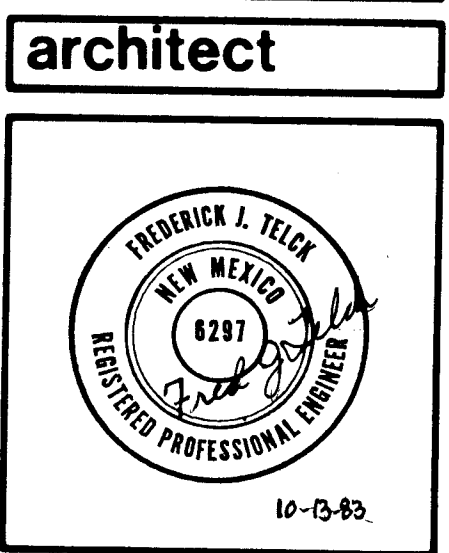
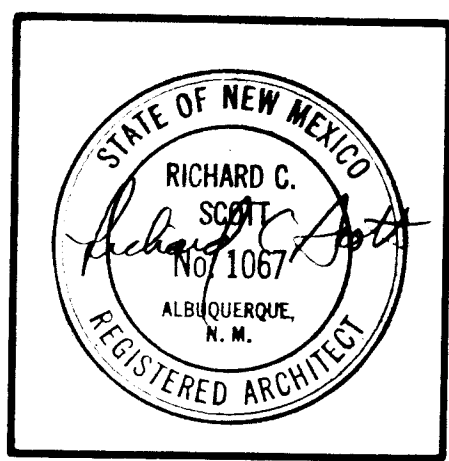


LIGHTING PLAN-FIRST FLOOR
SCALE: 1/8"=1'-0"

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
⊙	CEILING OUTLET AND FIXTURE
⊙-1	WALL BRACKET OUTLET AND FIXTURE
⊙-C	FLUORESCENT OUTLET AND FIXTURE
⊙-D	POLE MOUNTED FIXTURE
⊙-E	EXIT LIGHT. ARROWS INDICATE DIRECTIONAL ARROW ON FIXTURE
⊙-F	FIXTURE CONNECTED TO EMERGENCY POWER SOURCE
⊙-G	SINGLE POLE TOGGLE SWITCH (3-THREE WAY, 4-FOUR WAY)
⊙-H	THERMAL OVERLOAD SWITCH. WP IF INSTALLED IN WET OR EXTERIOR LOCATION
⊙-I	PILOT LIGHT SWITCH
⊙-J	DIMMER SWITCH. LUTRON N-600 UNLESS OTHERWISE INDICATED
⊙-K	MULLION SWITCH
⊙-L	MOMENTARY CONTACT SWITCH
⊙-M	PUSHBUTTON
⊙-N	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE
⊙-O	FOURPLEX CONVENIENCE OUTLET, GROUNDING TYPE
⊙-P	SPECIAL PURPOSE OUTLET. SEE PLANS FOR RATINGS
⊙-Q	FLUSH FLOOR DUPLEX CONVENIENCE OUTLET
⊙-R	WIREMOLD 2100 SERIES PLUGMOLD, WITH #2127GB RECEPTACLES 12" O.C. (2 CIRCUIT)
⊙-S	WIREMOLD 500 SERIES SURFACE MOUNTED RACEWAY WITH ALL ACCESSORIES AS REQUIRED.
⊙-T	J-BOX MOUNTED FLUSH IN WALL WITH CONNECTION TO EQUIPMENT AS NOTED.
⊙-U	J-BOX ABOVE CEILING WITH FLEX CONDUIT AND CONNECTION TO LAY-IN FIXTURES
⊙-V	THERMOSTAT, UP +48", UNLESS OTHERWISE INDICATED.
⊙-W	PHOTOCELL ON 1/2" RIGID CONDUIT STUBBED 12" ABOVE ROOF. FACE NORTH
⊙-X	PULL BOX SIZE AS INDICATED OR AS REQUIRED BY NEC
⊙-Y	MAGNETIC CONTACTOR, MECHANICALLY HELD. SIZE AS INDICATED
⊙-Z	MOTOR CONTROLLER. SIZE AND POLES FOR MOTOR CONTROLLED
⊙-AA	DISCONNECT SWITCH. SIZE AND POLES FOR LOAD CONNECTED. NEMA 3R OUTDOORS
⊙-AB	SPECIAL SYSTEMS CABINET. TELEPHONE TYPE WITH HINGED DOOR OR AS INDICATED
⊙-AC	CIRCUIT BREAKER TYPE PANEL. SEE SCHEDULE
⊙-AD	FUSE AND SWITCH CONSTRUCTION PANELBOARD. SEE SCHEDULE
⊙-AE	MOTOR CONNECTION WITH HP AS INDICATED
⊙-AF	MOTOR CONNECTION, FRACTIONAL HP (LESS THAN 1/3 HP)
⊙-AG	SWAP COOLER SWITCH, ONE "HI-OFF-LO" FOR FAN AND ONE "ON-OFF" FOR PUMP, LABEL RESPECTIVELY.
⊙-AH	BRANCH CIRCUIT WIRING CONCEALED IN WALLS OR CEILING. TIC MARKS INDICATES NUMBER OF CONDUCTORS. (IN ORDER AS SHOWN - NEUTRAL, PHASE AND SWITCHED CONDUCTORS). CONDUIT WITH NO TIC MARKS INDICATES TWO CONDUCTORS MINIMUM.
⊙-AI	BRANCH CIRCUIT WIRING CONCEALED IN WALLS OR FLOOR
⊙-AJ	HOME RUN TO PANEL WITH BRANCH CIRCUIT NUMBERS INDICATED
⊙-AK	TELEPHONE CONDUIT, MINIMUM 3/4" WITH PULL WIRE
⊙-AL	TELEPHONE HOME RUN TO BACKBOARD, MINIMUM 1" WITH PULL WIRE
⊙-AM	EXISTING CONDUIT AND WIRE REMAIN
⊙-AN	EXISTING CONDUIT AND WIRE REMOVED OR ABANDONED
⊙-AO	EXISTING DEVICE REMAINS
⊙-AP	EXISTING DEVICE DISCONNECTED AND REMOVED.

1 2 3 4 5 6 7 8 9 10 11 12
 26 1751E185

AS BUILT 10/10/84
 CP 7-3-85



architect

LONG & WATERS
PA AIA

ARCHITECTS
ENGINEERS
PLANNERS

sheet title

FIRST FLOOR
 LIGHTING PLAN

project #1751

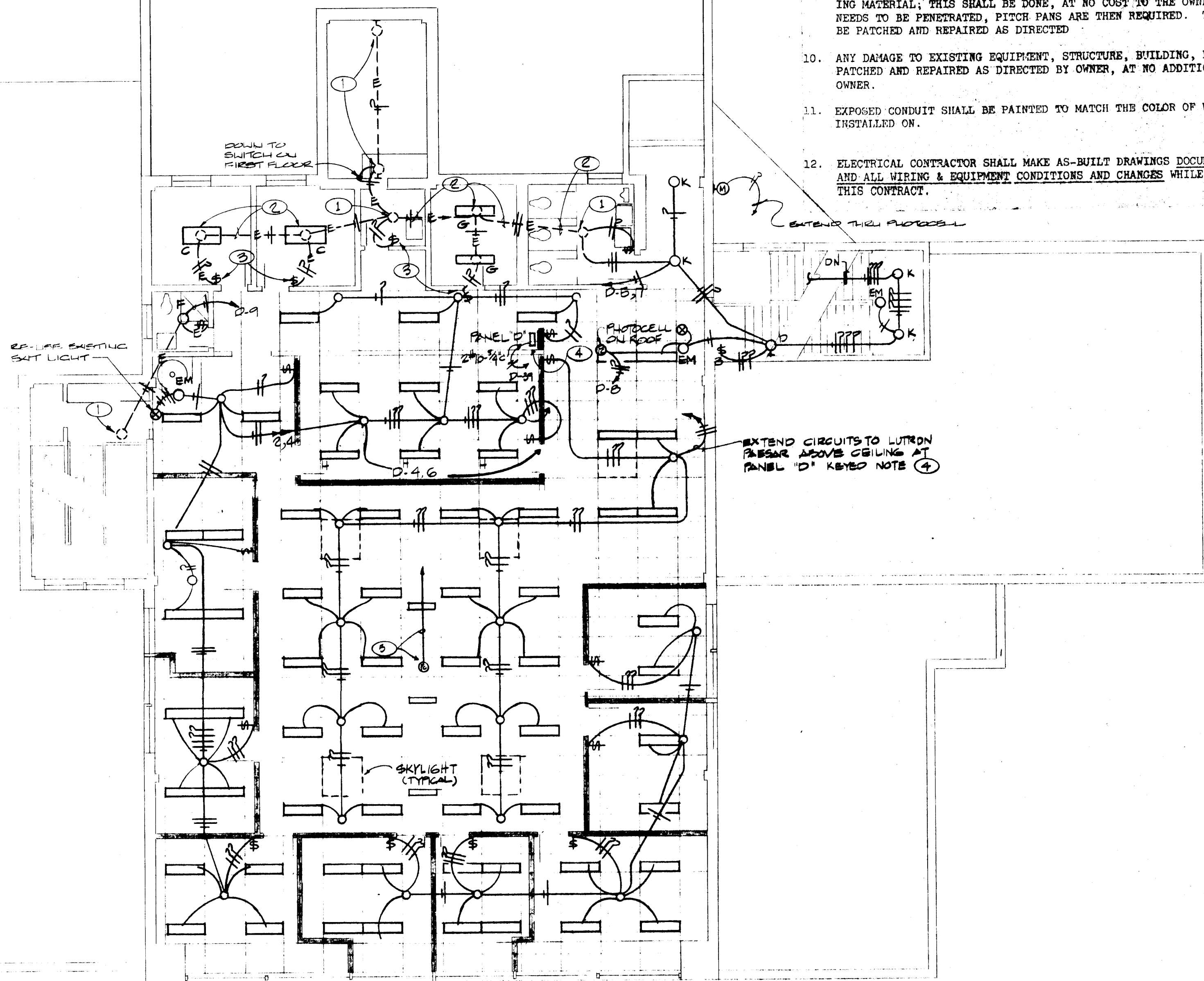
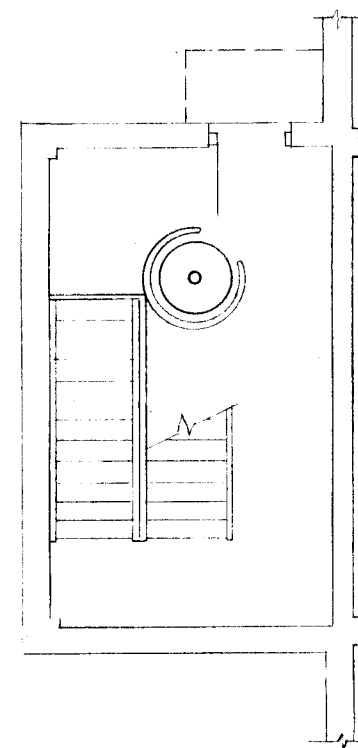
RENOVATION OF FIRE STATION #1
 724 SILVER AVENUE S.W.
 ALBUQUERQUE, NEW MEXICO
 CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

11-21-83

sheet no.

E-1



GENERAL NOTES

1. THE ELECTRICAL CONTRACTOR SHALL FAMILIARIZE HIMSELF AT THE SITE WITH THE EXISTING CONDITIONS TO ALLOW HIM TO SUBMIT A COMPLETE BID WITHIN THE SCOPE OF THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS ARISING DURING THE BID PERIOD IN REGARD TO THE CONTRACTORS FUNCTIONING, THE SITES INVOLVED, THE SCOPE OF THE PROJECT, OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH THE ENGINEERS FOR CLARIFICATIONS, NOT AFTER THE CONTRACT HAS BEEN AWARDED.
2. LOCATION OF EQUIPMENT, CONTROLS AND OTHER DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
3. ALL ELECTRICAL WIRING SHALL BE ROUTED IN CONDUIT. WIRING BELOW SUSPENDED CEILINGS SHALL BE CONCEALED IN WALLS. IN CASE OF SOLID WALLS, WIREMOLD MUST BE UTILIZED BELOW SUSPENDED CEILINGS--EXCEPT IN AREAS WITH EXPOSED JOISTS.
4. THE CONDUIT RUNS AS SHOWN ON DRAWINGS INDICATE APPROXIMATE ROUTING. EXACT LOCATION OF CONDUIT RUNS SHALL BE PER FIELD CONDITIONS. NO CONDUIT SHALL BE RUN EXPOSED ON OUTSIDE OF BUILDINGS UNLESS APPROVED BY ENGINEER.
5. CONTRACTOR SHALL INSTALL PULL AND J-BOXES WHEREVER REQUIRED BY NEC.
6. ALL WIRES SHALL BE TAGGED AT ALL PULL BOXES, J-BOXES, EQUIPMENT BOXES AND CABINETS WITH APPROVED PLASTIC TAGS, ACTION CRAFT BRADY OR APPROVED EQUAL.
7. ALL MATERIALS UTILIZED SHALL HAVE U. L. LABEL.
8. SHOULD ELECTRICAL CONTRACTOR AT ANY TIME NOTICE THAT THE ACTUAL FIELD CONDITIONS DO NOT CORRESPOND TO THE INFORMATION GIVEN ON THE DRAWINGS, THEN IT WILL BE HIS RESPONSIBILITY TO NOTIFY THE ELECTRICAL ENGINEER AS SOON AS POSSIBLE FOR CLARIFICATION.
9. ELECTRICAL CONTRACTOR SHALL REPAIR ALL DAMAGE TO WALLS, CEILINGS, ETC. IN A PROFESSIONAL MANNER. SEAL ALL WALL OR CEILING OPENINGS WITH MATCHING MATERIAL; THIS SHALL BE DONE, AT NO COST TO THE OWNER. IF ROOF NEEDS TO BE PENETRATED, PITCH PANS ARE THEN REQUIRED. THE ROOF SHALL BE PATCHED AND REPAIRED AS DIRECTED.
10. ANY DAMAGE TO EXISTING EQUIPMENT, STRUCTURE, BUILDING, ETC. SHALL BE PATCHED AND REPAIRED AS DIRECTED BY OWNER, AT NO ADDITIONAL COST TO THE OWNER.
11. EXPOSED CONDUIT SHALL BE PAINTED TO MATCH THE COLOR OF WALL OR CEILING INSTALLED ON.
12. ELECTRICAL CONTRACTOR SHALL MAKE AS-BUILT DRAWINGS DOCUMENTING ANY AND ALL WIRING & EQUIPMENT CONDITIONS AND CHANGES WHILE COMPLETING THIS CONTRACT.

FIXTURE SCHEDULE

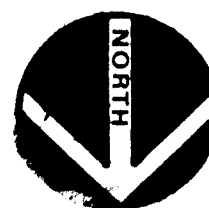
TYPE	MANUFACTURER	LAMPS	MOUNTING
A	WILLIAMS #5223-R WITH KSH-23 (TWENTY-THREE) LENS	3/40/RS/WM	RECESSED
B	KEENE #CWEX240	2/40/RS/WM	WALL/CLG INTERSECT.
C	WILLIAMS #1224-R WITH KSH-23 (TWENTY-THREE) LENS	2/40/RS/WM	SURFACE
D	PRESOLITE #4009	1/100W/IF	WALL BRACKET
E	PROCELAIN LAMPHOLDER	1/60W/IF	SURFACE
F	PRESOLITE #3801	2/60W/IF	SURFACE
G	WILLIAMS #1122-R WITH KSH-23 (TWENTY-THREE) LENS	2/40/RS/WM	SURFACE
H	ICE #SKL6G2P440A	4/40/RS/WM	RECESSED
K	PRESOLITE #1054-720	1/150W/RA/NOFL	RECESSED
L	PRESOLITE #WB-15 1/2	1/60W/IF	WALL BRACKET
M	PRESOLITE #HD10W09	1/70W/HPS	WALL BRACKET
N	PRESOLITE #1016S6-70HPSFE-M8	1/70W/HPS	RECESSED
P	HALO # HBB-S-501	2/RECOV/150W/RA/NOFL	28-1-RECESSED
EM	CHLORIDE #SPU-30M-FR	FURNISHED	RECESSED
⊗	DEVINE #UB-120-SR-EM (W/ 2 DC BAYONNETT LAMPS)	AS REQUIRED	UNIVERSAL MOUNT

FIXTURE SCHEDULE - GENERAL NOTES

1. ALL FLUORESCENT FIXTURES SHALL BE PROVIDED WITH ENERGY SAVING LAMPS AND BALLASTS.
2. ALL INCANDESCENT LAMPS SHALL BE RATED 130V.
3. ALL HID FIXTURES INSTALLED INDOORS SHALL HAVE ENCAPSATED BALLAST WITH A SOUND RATING OF "A".

KEYED NOTES

1. EXISTING FIXTURES REMAIN. RECONNECT AS SHOWN.
2. INSTALL NEW FIXTURE OVER EXISTING BOX. INSTALL NEW WIRING IN EXISTING CONDUIT.
3. EXISTING SWITCH BOX. INSTALL NEW SWITCH AND WIRING.
4. LUTRON PASSAR LIGHTING CONTROL SYSTEM #PRE-RS-80-120-DAC+BLT0 DAYLIGHT COMPENSATOR. MOUNT ABOVE LAY-IN CEILING.
5. PHOTOHEAD FURNISHED WITH LUTRON PASSAR. EXTEND 50/15 LOW VOLTAGE WIRING TO PASSAR.

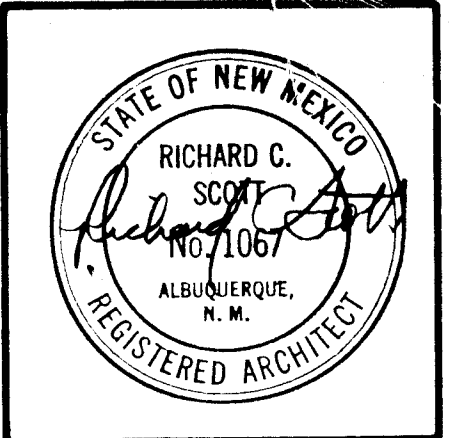


LIGHTING PLAN-SECOND FLOOR
SCALE: 1/8"=1'-0"

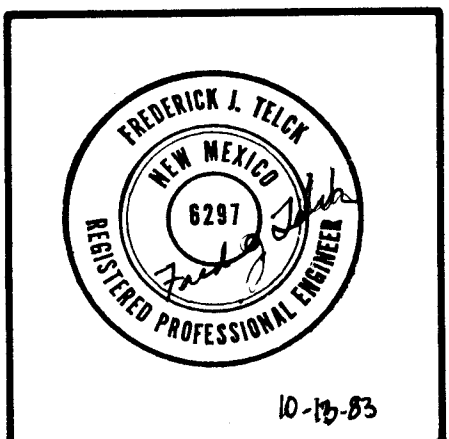
NOTE: ALL 2'x4' FIXTURES SHALL BE TYPE 'A' UNLESS OTHERWISE INDICATED.

1	2	3	4	5	6	7	8	9	10	11	12
2	6	1	7	5	1	E	2	8	5		

AS BUILT 10/10/84
CP 7-3-85



architect



engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

SECOND FLOOR
LIGHTING PLAN

project #1751

RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

11-21-83

sheet no.

E-2



LOADS - 480V-3 ϕ -3W
EXISTING LOADS - 42 KW
NEW ELEVATOR - 30 KW
NEW PANEL "O" - 32 KW
TOTAL CONNECTED - 132 KW
ESTIMATED DEMAND - 122 KW

PANEL SCHEDULE				
PANEL DESCRIPTION	CCT.NO.	CCT.BKR.	WIRE SIZE	LOAD
PANEL "D" - 120/208V-3ø-4W 225A MB, 150A/3P MB, FLUSH MOUNT, BOTTOM FEED	1-34, 36, 38	20/1	#12	LIGHTS, RECEPTACLES, MECH & SPARE
	35, 37, 39	30/1	#10	EVAP COOLERS, LUTRON PAPER
	40-42	1P	----	SPACE

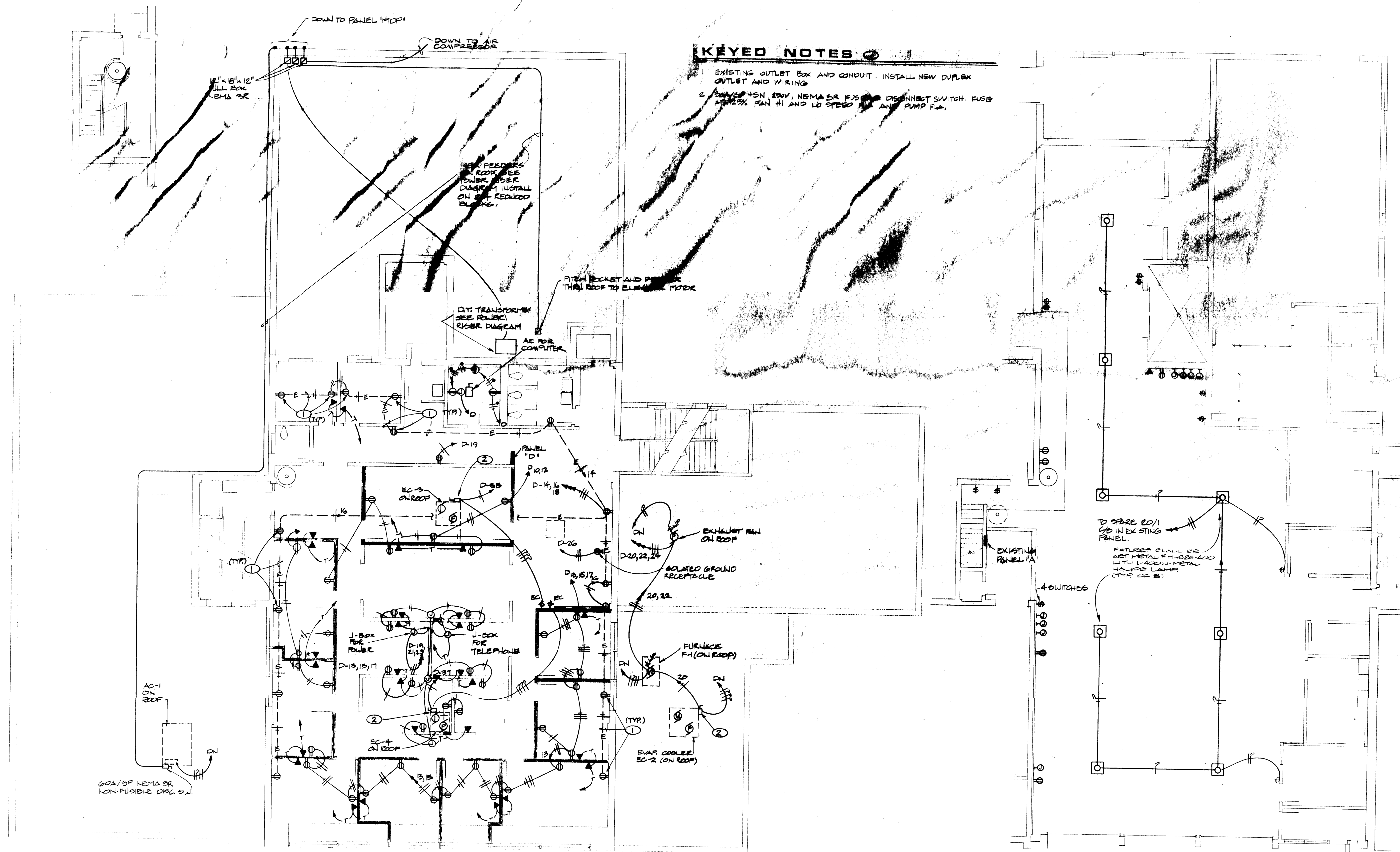
- 1 NEW T-STATION. PROVIDE NEW WIRING IN EXISTING CONDUIT AND CONNECT PER MANUFACTURERS REQUIREMENTS AND WIRING DIAGRAMS.
- 2 EXISTING OUTLET BOX AND CONDUIT, INSTALL NEW DUPLEX RECEPTACLE AND WIRING.
- 3 NEW MOTORIZED DOOR OPERATOR AND MOTOR FURNISHED BY OTHERS. PROVIDE AND INSTALL 30A/2P+SN FUSIBLE DISCONNECT SWITCH AT OPERATOR. FUSE AT 125% MOTOR FLA. PROVIDE ALL WIRING AND CONNECTIONS PER MANUFACTURERS REQUIREMENTS AND WIRING DIAGRAMS FOR A COMPLETE AND OPERATIONAL SYSTEM.
- 4 PUSHBUTTON STATION. VERIFY LOCATION IN FIELD PRIOR TO ROUGH-IN. EXTEND CONTROL WIRING TO RESPECTIVE DOOR OPERATOR.
- 5 INSTALL DEVICES INDICATED AT MID-POINT OF ELEVATOR SHAFT. VERIFY WITH ELEVATOR CONTRACTOR PRIOR TO ROUGH-IN.
- 6 100A/3P FUSIBLE DISCONNECT SWITCH. FUSE WITH BUSS FRS 65A FUSES. VERIFY WITH ELEVATOR MANUFACTURERS SHOP DRAWINGS. DISC. SW. SHALL BE 600V.
- 7 3/2 THW + 1/6 GR IN 1 1/2" TO DISCONNECT SWITCH AT SERVICE ENTRANCE LOCATION. SEE KEYED NOTE 8.
8. NEW SERVICE GROUND PER NEC.
- 9 NEW EQUIPMENT GROUND PER NEC.
- 10 3/4 THW + 1/8 GR IN 1 1/2".
- 11 45 KVA DRY TYPE TRANSFORMER, 480V DELTA-208Y/120V-3Ø-4W. PROVIDE WITH WEATHERSHIELDS.
- 12 4/20 THW + 1/2 GR IN 2 1/2". INSTALL IN CEILING OF FIRST FLOOR AND CORE DRILL SECOND FLOOR CONCRETE SLAB FOR EXTENSION TO PANEL "D".
- 13 INTERLOCK DOORS WITH EXISTING EXHAUST FANS SUCH THAT WHEN ANY DOOR IS OPENED THE EXHAUST FANS SHALL AUTOMATICALLY START. EXTEND WIRING TO EXISTING STARTERS.
- 14 EXISTING STARTERS FOR EXHAUST FANS. SEE KEYED NOTE 13.
- 15 INTERCEPT EXISTING FEEDER (NORMAL PANEL) TO ATS AND SPLICE AND EXTEND 3/2 THW - 1 1/4".
- 16 DISCONNECT AND REMOVE EXISTING FEEDER. TAP TO EXISTING FEEDER IN GUTTER AND REFEED EXISTING DISCONNECT SWITCH WITH 3/2 THW - 1 1/4".
- 17 INTERCEPT EXISTING FEEDER (EMERGENCY POWER) FROM ATS AND SPLICE AND EXTEND 3/2 THW - 1 1/4" TO REFEED EXISTING SERVICE IN GUTTER.
- 18 INTERCEPT EXISTING FEEDER TO EXHAUST FANS. SPLICE AND EXTEND 3/6 THW - 1 1/4" TO NEW POWER "MO".

1	2	3	4	5	6	7	8	9	10	11	12
2	6		1	7	5	1	E	3	8	5	

E-3



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



KEYED NOTES

EXISTING OUTLET BOX AND CONDUIT. INSTALL NEW DUPLEX OUTLET AND WIRING.

2. 300V, 15A, NEMA 5R FUSE DISCONNECT SWITCH. FUSE 1/2\"/>

**PARTIAL FLOOR PLAN
APPARATUS ROOM - ELECTRICAL**
SCALE: 1/8"=1'-0"

ADDITIVE ALTERNATE NO.

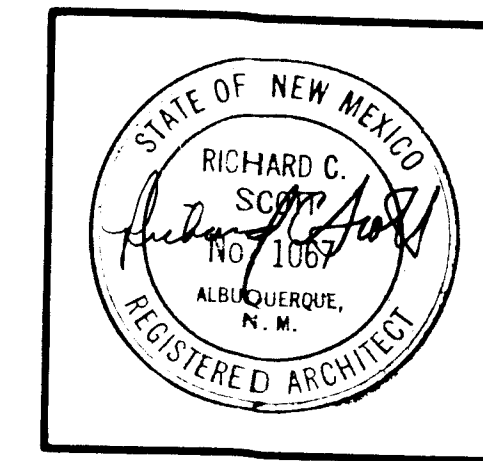
INCLUDE IN ADDITIVE ALTERNATE NO. 6. THE REMOVAL OF ALL EXISTING SUSPENDED FLUORESCENT LIGHTS & INSTALL OF NEW LIGHTING AS INDICATED ABOVE. REMOVE ALL COVERPLATES AND DEVICES (AS SHOWN) AND INSTALL NEW DEVICES AND COVERPLATES. REMOVE ALL NON-FUNCTIONAL DEVICES AND INSTALL NEW COVERPLATES.

1	2	3	4	5	6	7	8	9	10	11	12
2	6	1	7	5	1	E	4	8	5		

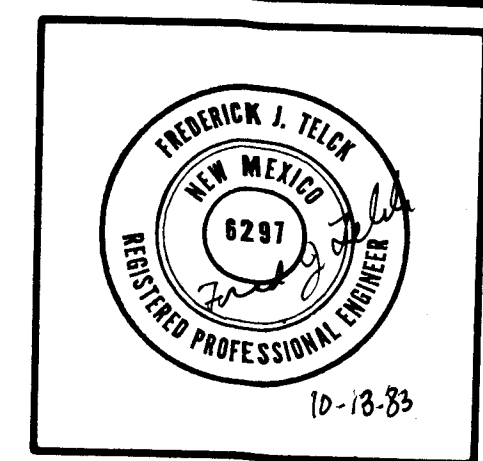
AS BUILT 10/10/84
CP 7-3-85



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



architect



engineer

**LONG & WATERS
PA AIA**

**ARCHITECTS
ENGINEERS
PLANNERS**

sheet title

**SECOND FLOOR
POWER & SPECIAL
SYSTEMS PLAN**

project #1751

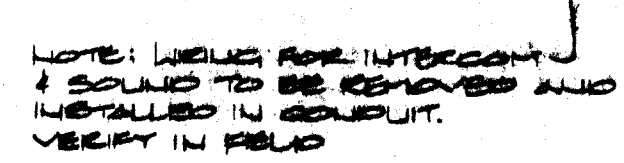
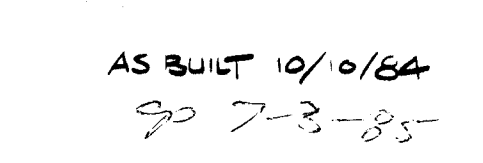
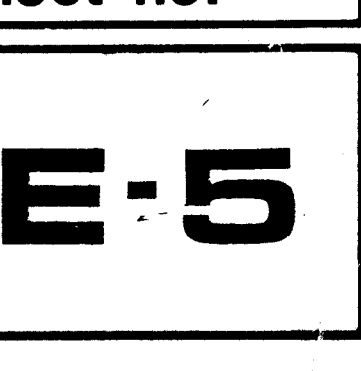
RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

11-21-83

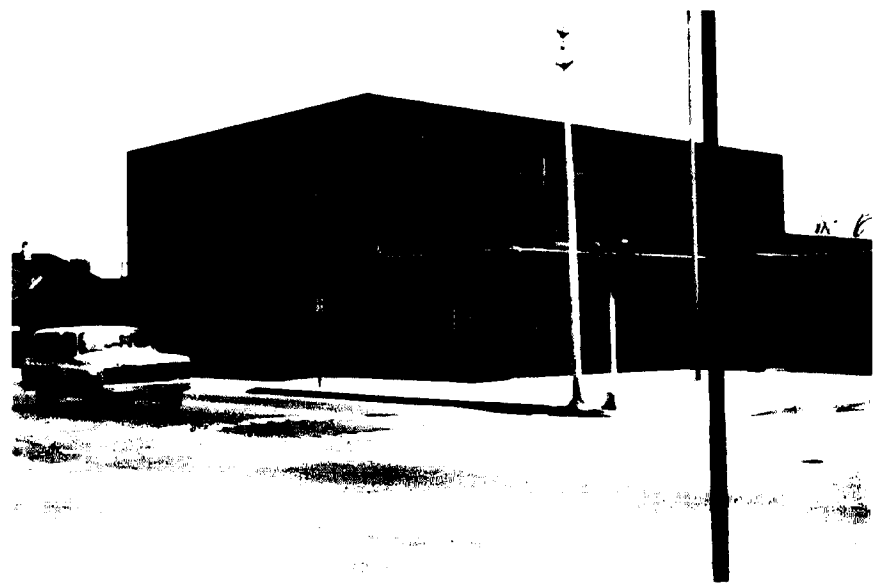
sheet no.

E-4

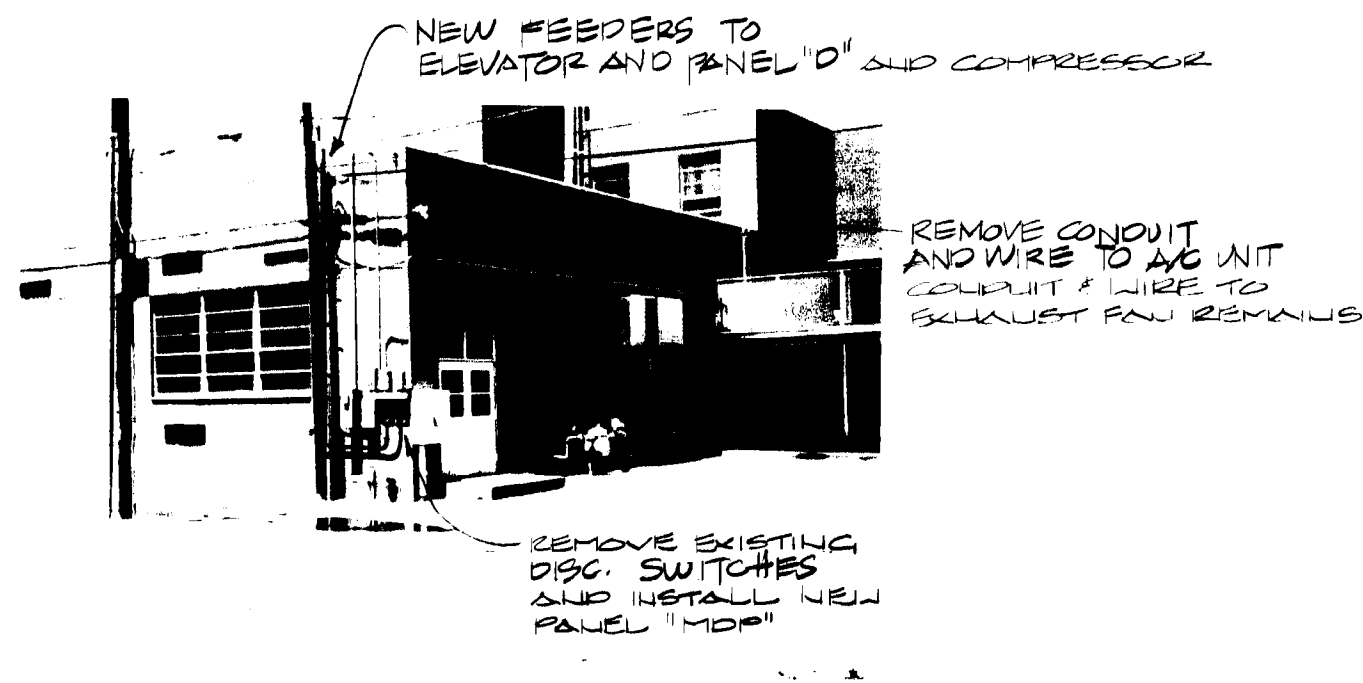


REMOVAL NOTES

1. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF AT THE SITE WITH THE EXISTING CONDITIONS IN ORDER TO ALLOW HIM TO SUBMIT A COMPLETE BID FOR REMOVALS WITHIN THE SCOPE OF THE DRAWINGS. ANY QUESTIONS ARISING DURING THE BIDDING PERIOD IN REGARD TO THE INTENT OF SPECIFICS AS INDICATED ON THE DRAWINGS SHALL BE BROUGHT UP FOR CLARIFICATION WITH THE ENGINEER.
2. THE CONTRACTOR SHALL REMOVE ALL CONDUIT, DEVICES, DISCONNECT SWITCHES, STARTERS, SPECIAL PURPOSE OUTLETS, PANELS, TRANSFORMERS, ETC AS INDICATED, UNLESS OTHERWISE INDICATED TO REMAIN.
3. PHOTOGRAPH DETAILS HAVE BEEN PREPARED AS AN AID TO THE CONTRACTOR FOR SUBMITTING A MORE COMPLETE BID FOR PURPOSES FOR REMOVALS. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE REMOVAL DRAWINGS WITH ACTUAL FIELD CONDITIONS WITH NO AFFECT HIS BID.
4. THIS CONTRACTOR MAY DEDUCT FROM THE REMOVAL COSTS ANY SALVAGE VALUE FIXED TO THE EQUIPMENT REMOVED.
5. ALL EQUIPMENT, CONDUIT, DEVICES, ETC. SHOWN TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND IT SHALL BE HIS RESPONSIBILITY TO DISPOSE OF AND HAUL AWAY.



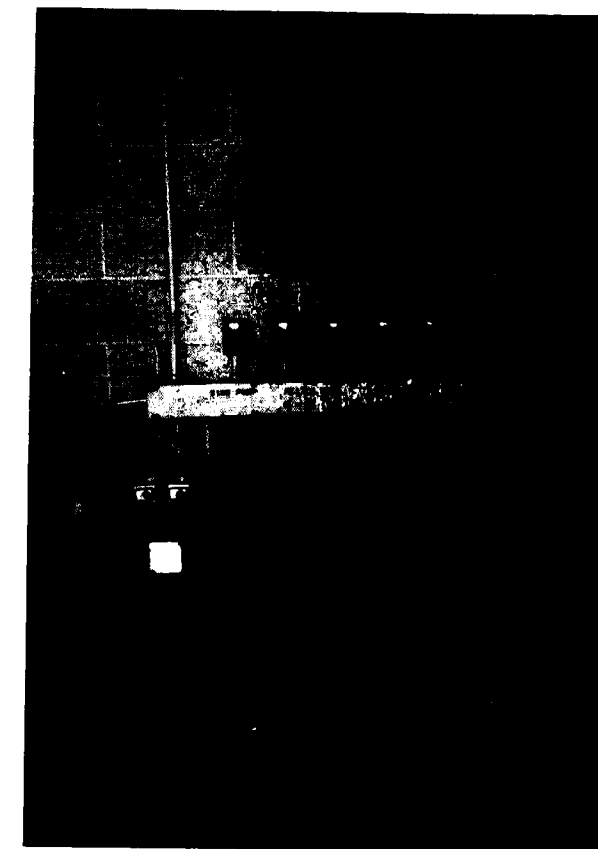
1



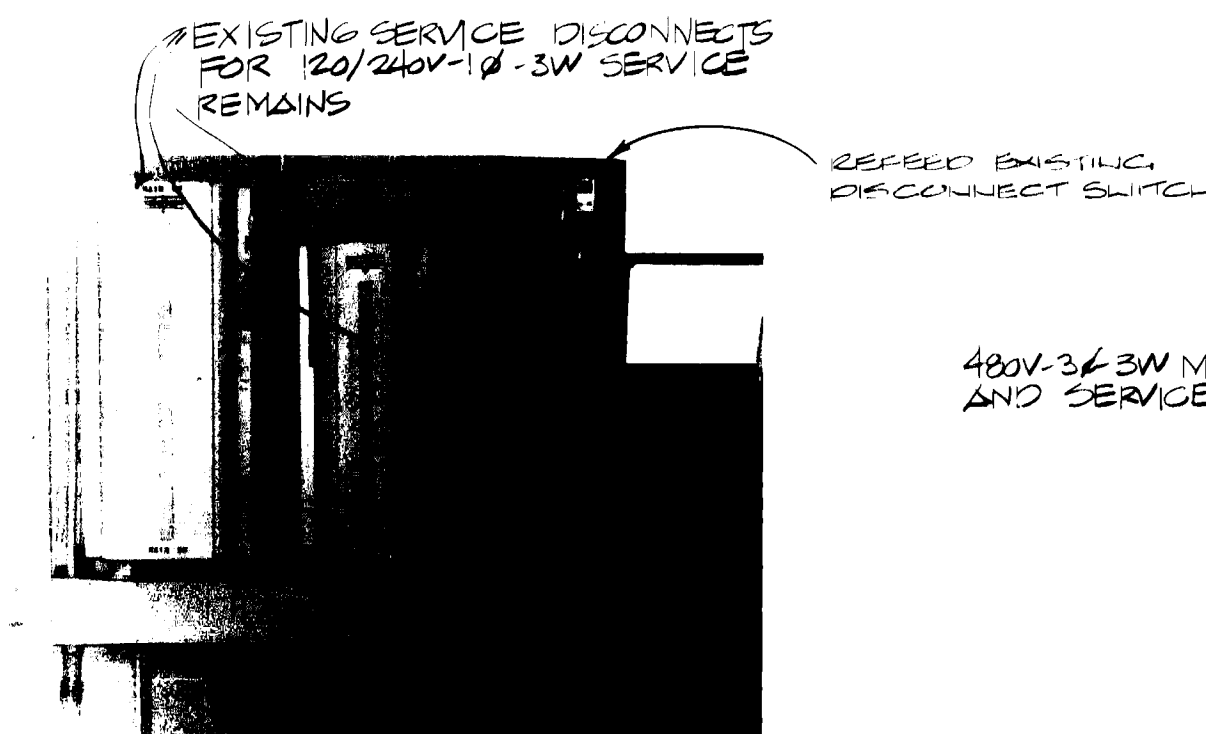
5



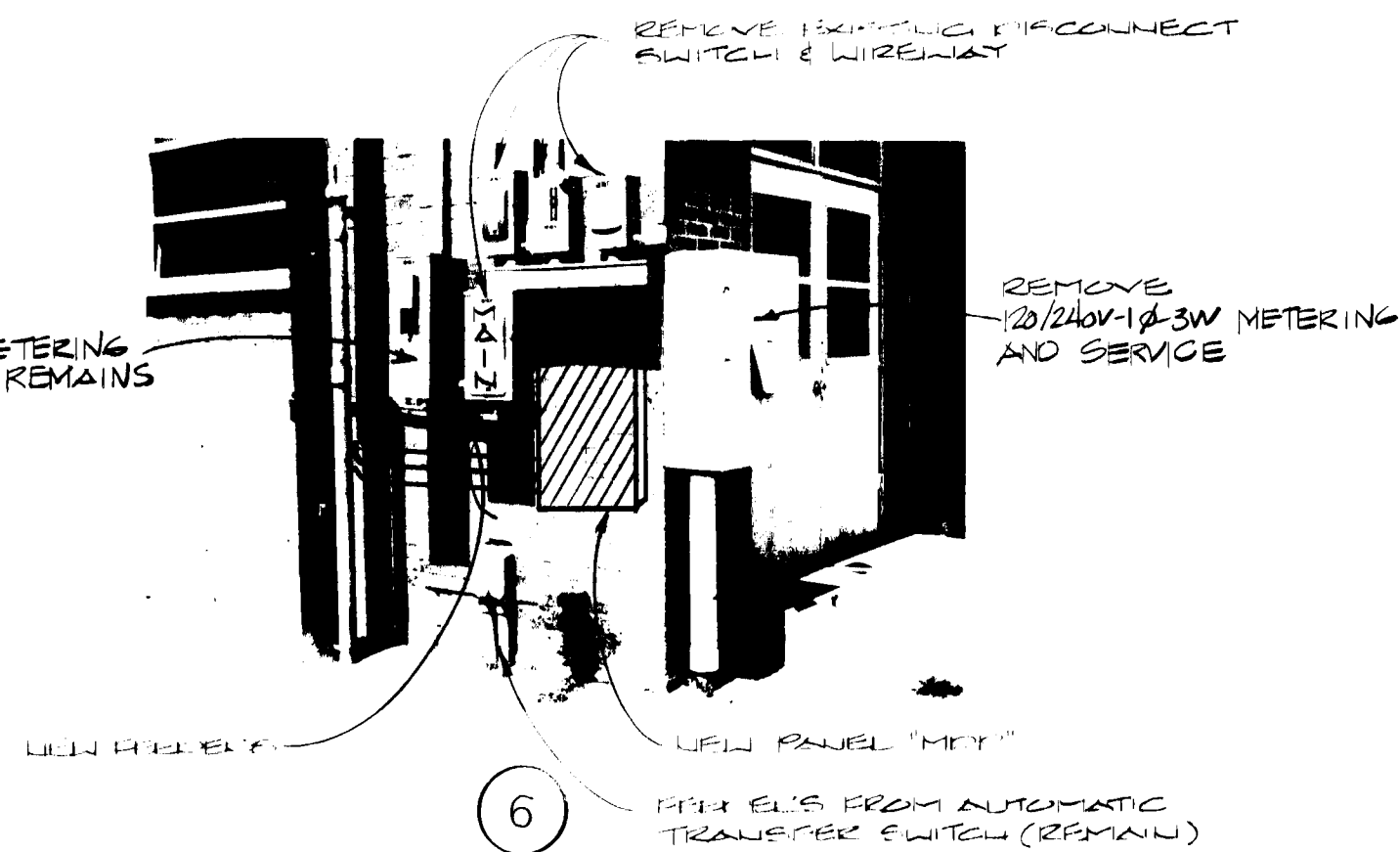
9



13



2



6

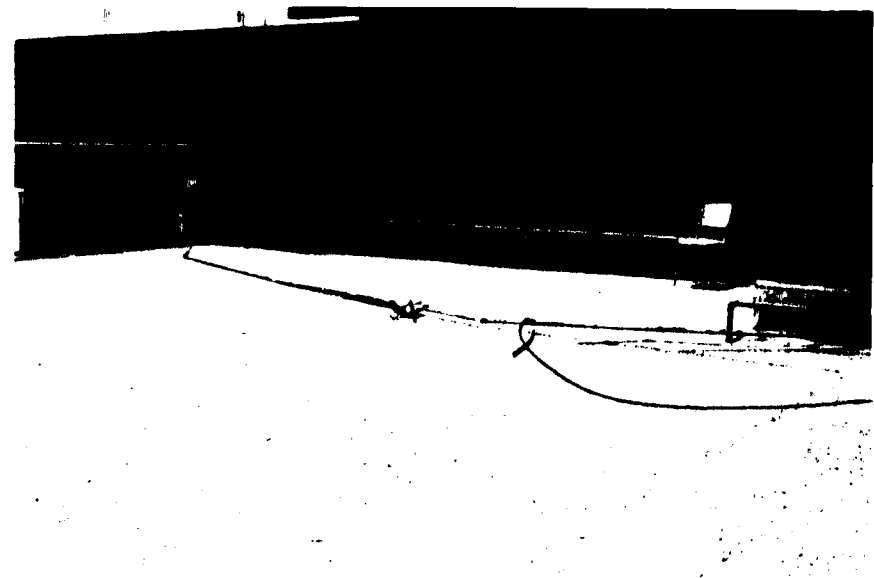


10

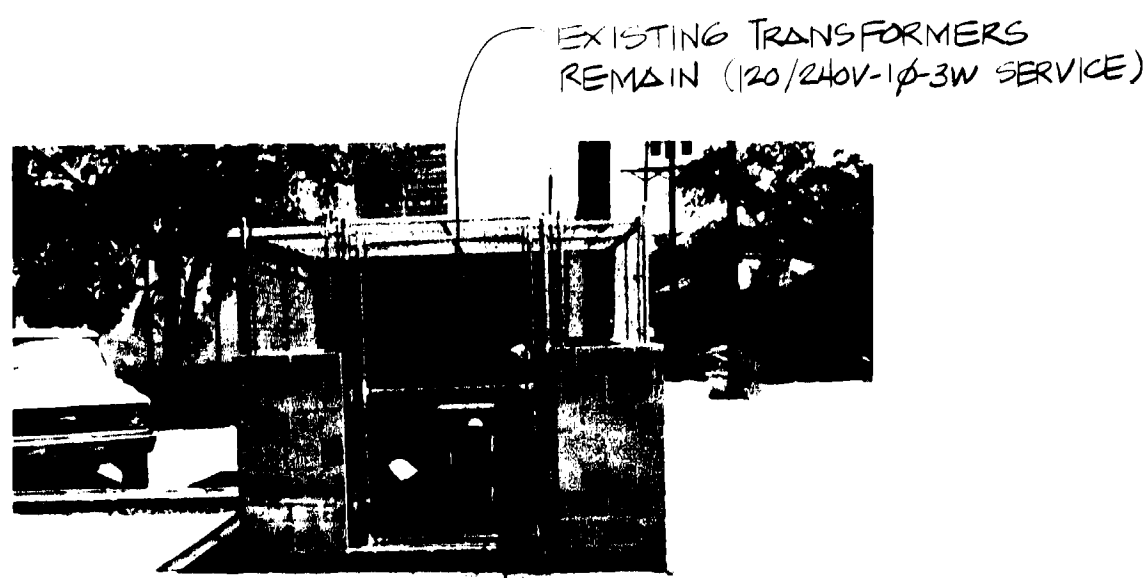
DISCONNECT THREE HOT WATER PUMPS



14



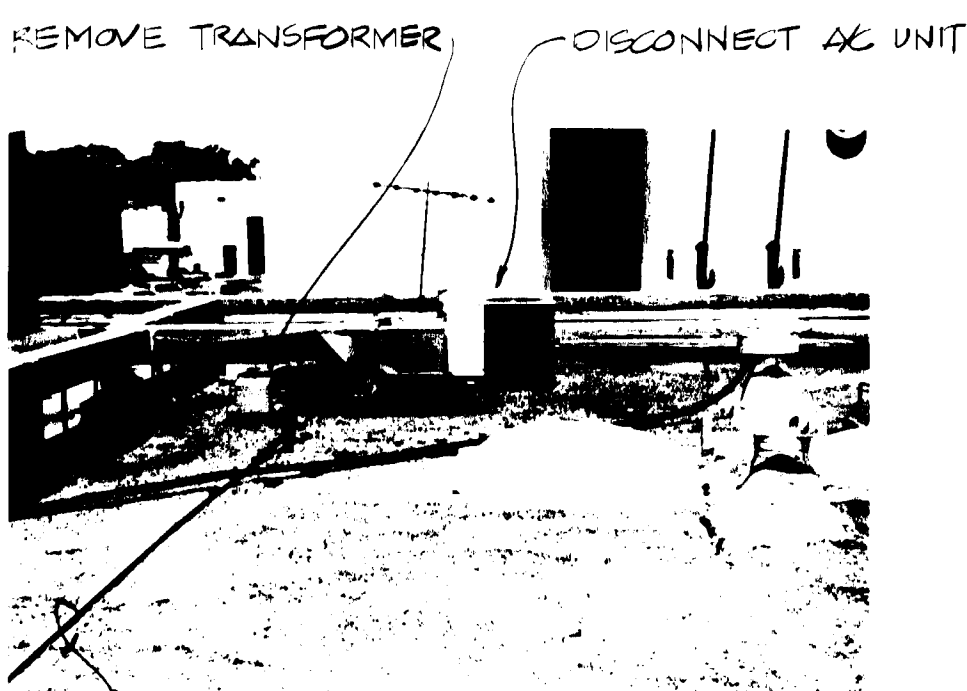
3



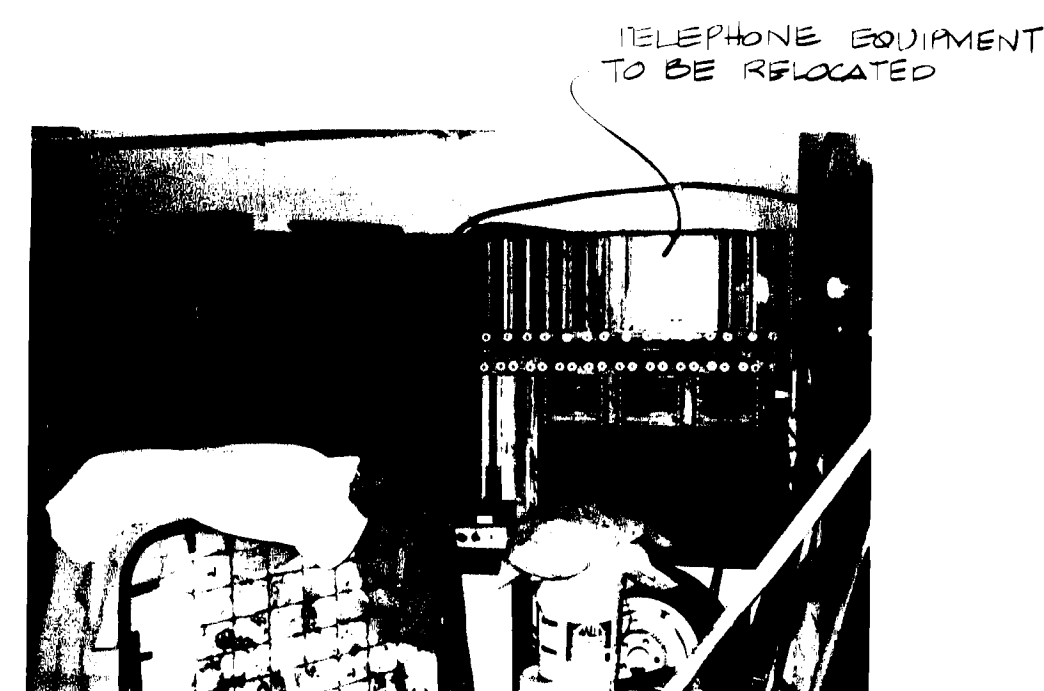
7



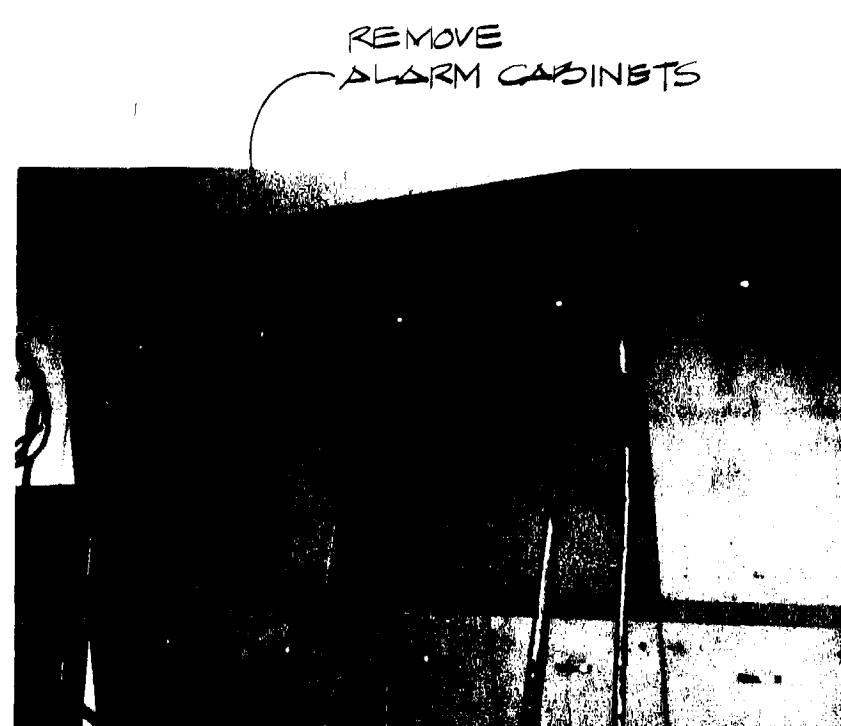
11



4



8



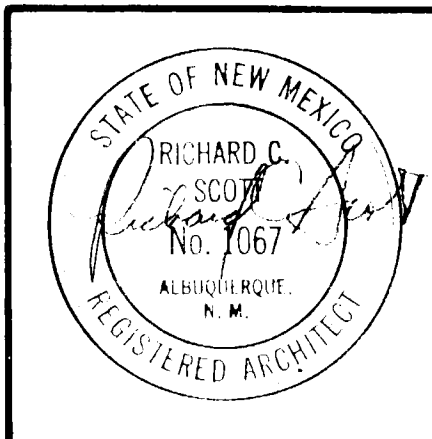
12

REMOVE EXISTING LIGHT FIXTURE



15

PHOTOGRAPH DETAILS



architect



engineer

LONG & WATERS
PA AIA
ARCHITECTS
ENGINEERS
PLANNERS

sheet title

ELECTRICAL
REMOVAL PHOTOS

project #1751

RENOVATION OF FIRE STATION #1
724 SILVER AVENUE S.W.
ALBUQUERQUE, NEW MEXICO
CITY OF ALBUQUERQUE FIRE DEPARTMENT

date

11-21-83

sheet no.

E-6

AS BUILT 10/10/86