

ARCHITECTURE  
PLANNING

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**PTI COMMUNICATIONS**  
**COMMUNICATIONS**  
**OFFICE BUILDING**  
**FARBANKS, AK**

job no.	429610
drawn by	JAR
date	4/3/98
chk'd	JBU
number	revision date
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▲	

**LEGENDS &  
SCHEDULES**

**M-0**  
SHEET - OF -

**FAN SCHEDULE**

SYMBOL	AREA SERVED	SERVICE TYPE	FAN TYPE	CFM	ESP (IN H2O)	WHEEL TYPE	MOTOR DATA	BASIS OF DESIGN	RPM	MAX BHP	MIN FILTER AREA (SQ FT)	MAX SPL (db)	REMARKS
SF-2	2ND FLOOR/ 1ST FLOOR SOUTH OFFICE	SUPPLY	FAN COIL UNIT	17000	2.0	AF	10 HP	HAAKON 27" DWD1	1150	8.4	56	86[2]	
RF-2	FAN ROOM	RELIEF	SIDEWALL PROPELLER	13400	0.1	PROP	1.5 HP	GREENHECK SBC-3L36-10	650	1.0		22 SONES	
EF-1	1ST FLOOR RESTROOM	EXHAUST	CABINET FAN	1325	0.5	FC	1/2 HP	PACE SCF-97A	830	0.35	-	70[2]	
EF-2	2ND FLOOR RESTROOM	EXHAUST	CABINET FAN	800	0.5	FC	1/4 HP	PACE SCF-85A	1050	0.20	-	70[2]	

{1} EXTERNAL STATIC PRESSURE. NOTE THAT COILS, FILTERS, & MIXING BOXES ARE CONSIDERED TO BE EXTERNAL TO THE FAN SECTION FOR PURPOSES OF FAN EXTERNAL STATIC PRESSURE DETERMINATION.  
{2} MAXIMUM THIRD OCTAVE BAND BARE FAN SOUND POWER LEVEL.

**CIRCULATING PUMP SCHEDULE**

SYMBOL	SERVICE	STYLE	CFM	HEAD (FT. H2O)	RPM	MOTOR DATA	BASIS OF DESIGN	REMARKS
P-1A	GLYCOL HEATING	IN-LINE	37	54	1750	1-1/2HP	BELL & GOSSETT SERIES 80 1-1/2x1-1/2x7B	NON OVERLOADING MOTOR

**COOLING COIL SCHEDULE**

SYMBOL	ASSOC. FAN	CFM	MBH SENS	EAT (F) DRY BULB	EAT (F) WET BULB	REFRIGERANT SUCTION TEMP (F)	MIN FREE AREA (FT <sup>2</sup> )	MAX AIR PD (IN H2O)	REMARKS
CC-1	SF-2	17000	595	82	62	45	34.0	0.6	

**HEATING COIL SCHEDULE**

SYMBOL	ASSOC. FAN	CFM	CAPACITY (MBH)	ENTERING SOLUTION TEMP (F)	EAT (F)	MAX CONTROL GPM	CONTROL VALVE Cv	MAX TUBE PD [1]	MAX AIR PD (IN H2O)	MIN FACE AREA [2]	REMARKS
HC-1	SF-2	17000	475[1]	180	45	26		6.5"	0.15	34	

{1} CAPACITY AND PRESSURE DROP BASED ON 50% PROPOLYNE GLYCOL / 50% WATER SOLUTION.  
{2} MULTIPLE COILS SECTIONS MAY BE REQUIRED TO OBTAIN CONFIGURATION REQUIRED.

**MISCELLANEOUS EQUIPMENT SCHEDULE**

SYMBOL	ITEM	CAPACITY / SIZE	MOTOR DATA	BASIS OF DESIGN	REMARKS
ET-1	EXPANSION TANK	33 GAL VOLUME 11 GAL ACCEPTANCE		B & G D-60	ASME TANK
AS-1	AIR SEPARATOR	110 GAL @ 4.5' MAX PRESS. DROP		B & G R-3	WITH SCREEN
PP-1	GLYCOL MAKE UP PUMP	11 GPM @ 20 PSI	1/2 HP	GOULDS J-5	W/ TWO GALLON TANK
CU-1	SF-1 CONDENSING UNIT	505,000 BTUH @ 45F SUCTION & 95F AMBIENT	208 3PHZ 192 A MIN 225 A MAX	TRANE RAUC-C40	1. DUAL COMPRESSORS AND CIRCUITS 2. HOT GAS BYPASS ON PRIMARY CIRCUIT 3. HEAD PRESSURE CONTROL EACH CIRCUIT
WH-1	DOMESTIC WATER HEATER	23 GAL RECOVERY @ 80 F RISE 66 GAL STORAGE CAPACITY	4500 W EACH ELEMENT	STATE CENSIBLE DURON CDS-66-Z0RT	

**FINTUBE RADIATION SCHEDULE**

SYMBOL	CAPACITY (BTUH/FT)	AVERAGE SOLUTION TEMP. (F)	ENTERING AIR TEMP. (F)	CABINET	BASIS OF DESIGN	REMARKS
FT-1	630 [1]	170	65	18 GAUGE COVER	MULTI/PAK 80 MODEL 81A, 3/4" C - 3 1/4" - 48 SINGLE TIER	
FT-2	1020 [2]	170	65	14" SLOPE TOP 18 GAUGE COVER	MULTI/PAK 90 MODEL 81A, 1" C - 4 1/4" - 40 SINGLE TIER	

{1} CAPACITY BASED ON 1 GPM FLOW OF 50% GLYCOL / 50% WATER SOLUTION.  
{2} CAPACITY BASED ON 2 GPM FLOW OF 50% GLYCOL / 50% WATER SOLUTION.

**HEAT EXCHANGER SCHEDULE**

SYMBOL	LOCATION	STYLE	CAPACITY (MBH)	ENTERING SOLUTION TEMP (F)	MAX GPM	MAX TUBE PD [1]	FOULING ALLOWANCE (FT H2O)	BASIS OF DESIGN	REMARKS
HX-1	BLR RM	SHELL & TUBE	1,130	157	110	3.0	1.25	BELL & GOSSETT SUB 7-2	

{1} CAPACITY AND PRESSURE DROP BASED ON 50% PROPYLENE GLYCOL / 50% WATER SOLUTION. SHELL SIDE STEAM PRESSURE = 2 PSI.

**GRILLE SCHEDULE**

SYMBOL	MODE	STYLE	MAX PDT (IN H2O) [1]	MAX NC LEVEL [2]	BASIS OF DESIGN	NOM. DUCT/NECK SIZE (IN) [3]	NOM. CFM [4]	NOM. THROW (FT) [5]	REMARKS
SG-1	SUPPLY	SQUARE LOUVERED FACE, 1 WAY BLOW.	0.1	30	TITUS TDC-S1	12 x 12	460	30	WITH OBVD
SG-2	SUPPLY	SQUARE LOUVERED FACE, 2 WAY CORNER BLOW.	0.1	30	TITUS TDC-G2	12 x 12	455	25	WITH OBVD
SG-3	SUPPLY	SQUARE LOUVERED FACE, 3 WAY BLOW.	0.1	30	TITUS TDC-A3	12 x 12	455	22	WITH OBVD
SG-4	SUPPLY	SQUARE LOUVERED FACE, 4 WAY BLOW.	0.1	30	TITUS TDC-A4	12 x 12	455	20	WITH OBVD
SG-5	SUPPLY	SQUARE CEILING DIFFUSER, 24" x 24" LOUVERED FACE, 360 DEG. BLOW.	0.1	30	TITUS TMS	12 dia	760	20	1. WITH OBVD 2. RM 105 ONLY
RG-1	RETURN	SQUARE LOUVERED FACE.	0.05	20	TITUS TDC-A4	12 x 12	310	-	WITH OBVD
TG-1	TRANSFER	LOUVERED GRILLE/REGISTER, 35 deg FIXED, HORIZONTAL FACE BARS, 1/2" SPACING.	0.02	20	TITUS 355RL	24 x 14	570	-	
TG-2	TRANSFER	EGGCRATE W/ 1/2" GRID.	0.02	20	TITUS 50F	30 x 12	830	-	1" DEEP GRID

{1} PDT = TOTAL PRESSURE DROP.  
{2} AS MEASURED IN ROOM SERVED.  
{3} SEE DRAWINGS FOR ACTUAL SIZE.  
{4} SEE DRAWINGS FOR ACTUAL CFM.  
{5} @ 50 FPM TERMINAL VELOCITY.  
4 WAY BLOW/0 deg DEFLECTION FOR ADJUSTABLE BLOW/DEFLECTION GRILLES.

**MECHANICAL SYMBOLS**

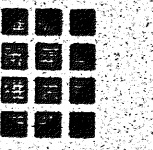
Ⓢ	SENSOR	┌	PIPE CONNECTION
Ⓣ	THERMOSTAT	↘	ELBOW TURNED DOWN
Ⓟ	BYPASS TIMER	↗	ELBOW TURNED UP
ⓧ	PRESSURE REDUCING VALVE	⊗	BALANCING COCK
Ⓩ	DRAIN VALVE	⊗	GLOBE VALVE
ⓧ	PRESSURE RELIEF VALVE	⊗	CHECK VALVE
Ⓢ	UNION	⊗	NON-SLAM CHECK VALVE
ⓧ	2-WAY CONTROL VALVE	⊗	ISOLATION VALVE
ⓧ	3-WAY CONTROL VALVE	⊗	FLOW CONTROL VALVE
ⓧ	STRAINER W/ BLOWDOWN	⊗	AIR VENT
Ⓢ	THERMOMETER	⊗	CONNECTION TO EXISTING
Ⓢ	PRESSURE GAUGE	⊗	PRESSURE & TEMPERATURE TEST TAP

**PIPING SYMBOLS**

SYMBOL	ABBREV	SYSTEM
---	W	WASTE
---	V	VENT
---	CW	COLD WATER
---	HW	HOT WATER
---	RHW	RECIRCULATED HOT WATER
---	GHS	GLYCOL HEATING SUPPLY
---	GHR	GLYCOL HEATING RETURN
---	RWL	RAIN WATER LEADER

**DUCT SYMBOLS**

Ⓢ	FIRE DAMPER
Ⓢ	FIRE/SMOKE DAMPER
Ⓢ	VOLUME DAMPER
Ⓢ	BALANCING DAMPER
Ⓢ	MOTORIZED DAMPER
Ⓢ	ROUND DUCT DIAMETER
Ⓢ	MITERED ELBOW WITH TURNING VANES
24/12(+X)	INSULATED DUCT, X= THICKNESS OF INSULATION
24/12(-X)	SOUND LINED DUCT, X= THICKNESS OF LINING
TURNING DOWN	RETURN OR EXHAUST DUCT TURNING UP OR DOWN
TURNING UP	
TURNING DOWN	SUPPLY DUCT TURNING UP OR DOWN
TURNING UP	



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FARBANKS, AK

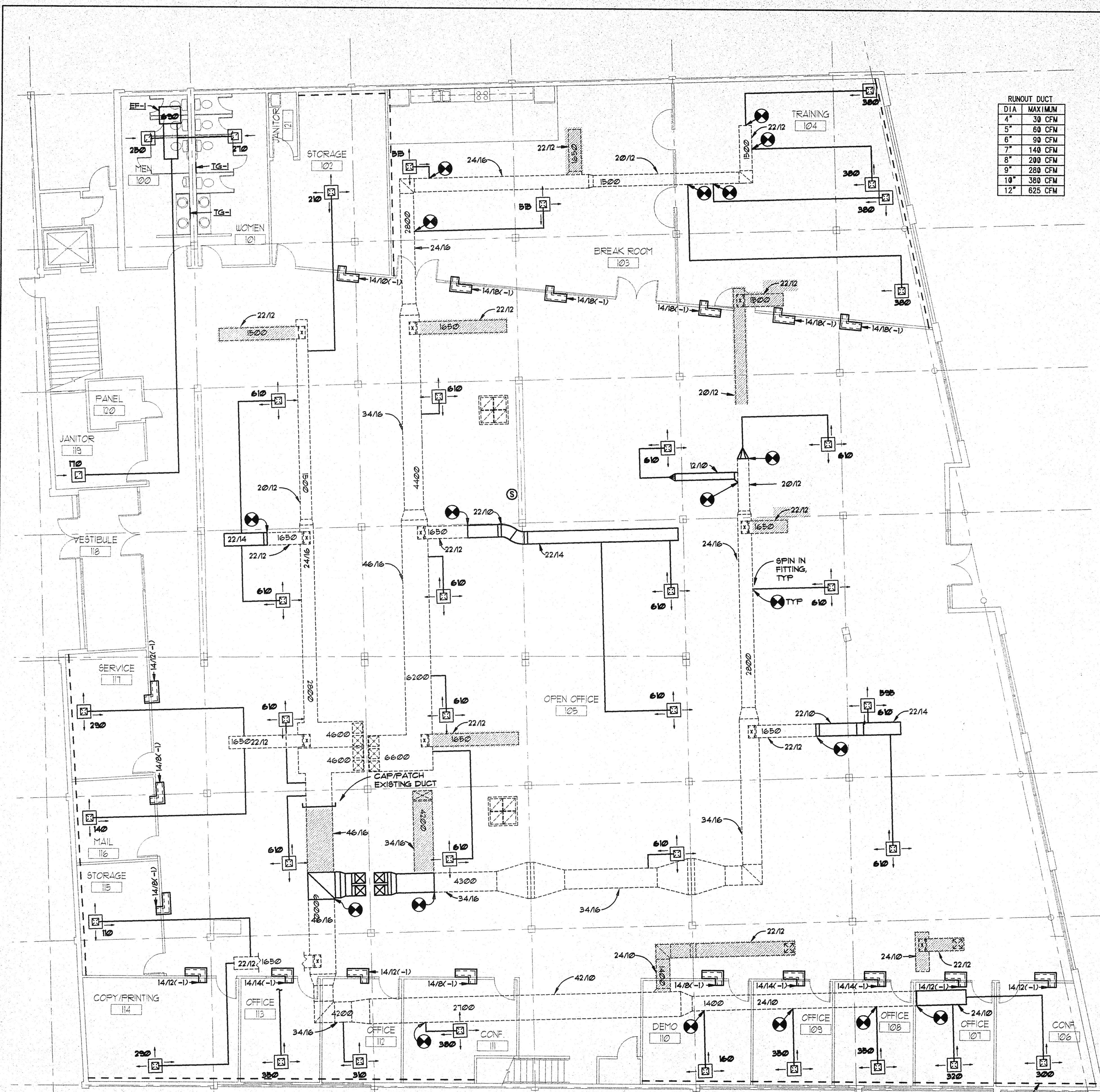
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drawn by	BW
date	4/3/98
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number	revision date
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VENTILATION  
FLOOR PLANS

**M-1**  
SHEET OF

RUNOUT DUCT

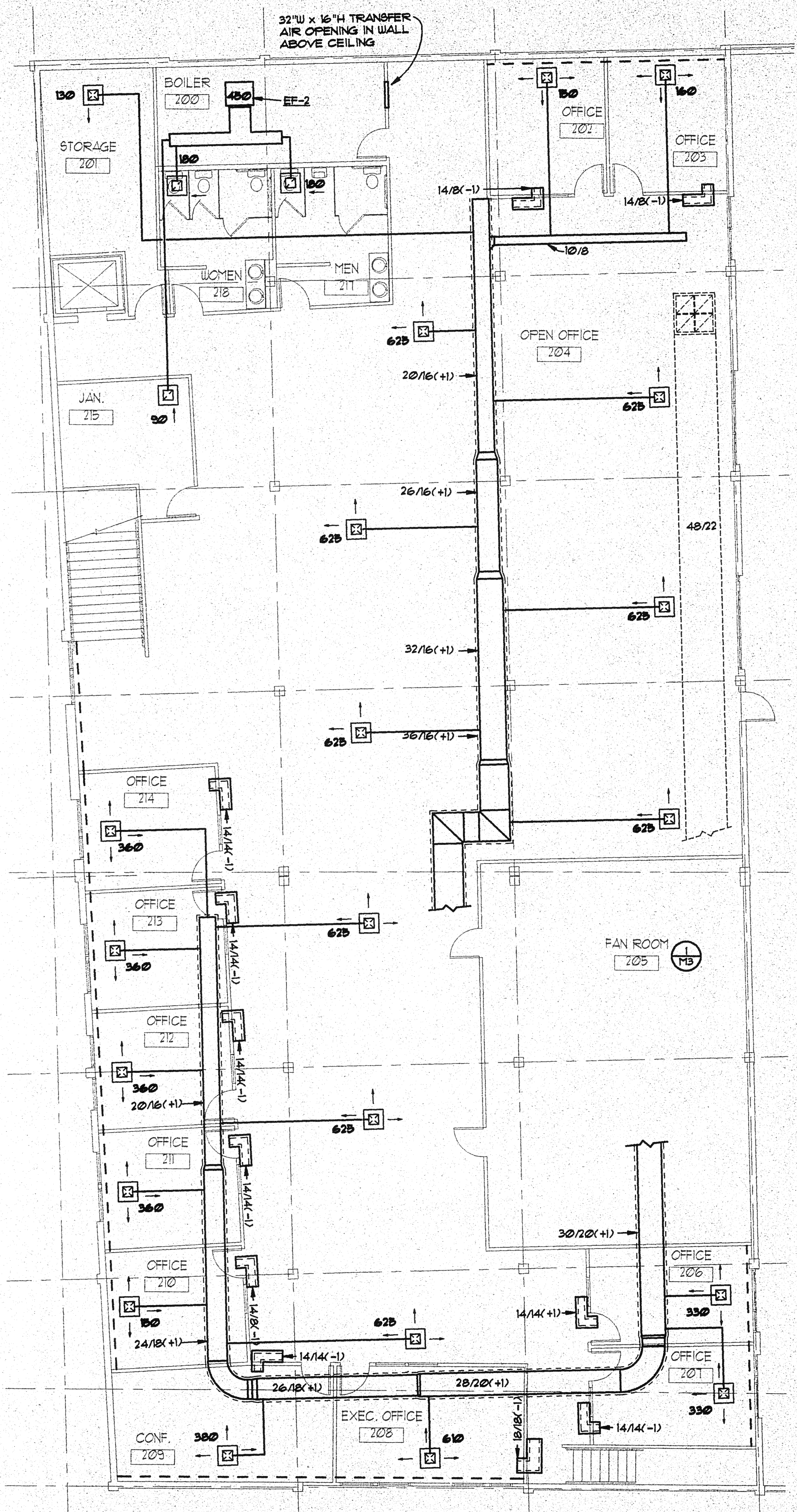
DIA	MAXIMUM
4"	30 CFM
5"	60 CFM
6"	90 CFM
7"	140 CFM
8"	200 CFM
9"	280 CFM
10"	380 CFM
12"	625 CFM



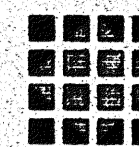
**GENERAL NOTES**

1. PROVIDE EACH DIFFUSER WITH MINIMUM 3", MAXIMUM 6" FLEXIBLE DUCT AT INLET.

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



2 SECOND FLOOR  
1/8" = 1'-0"



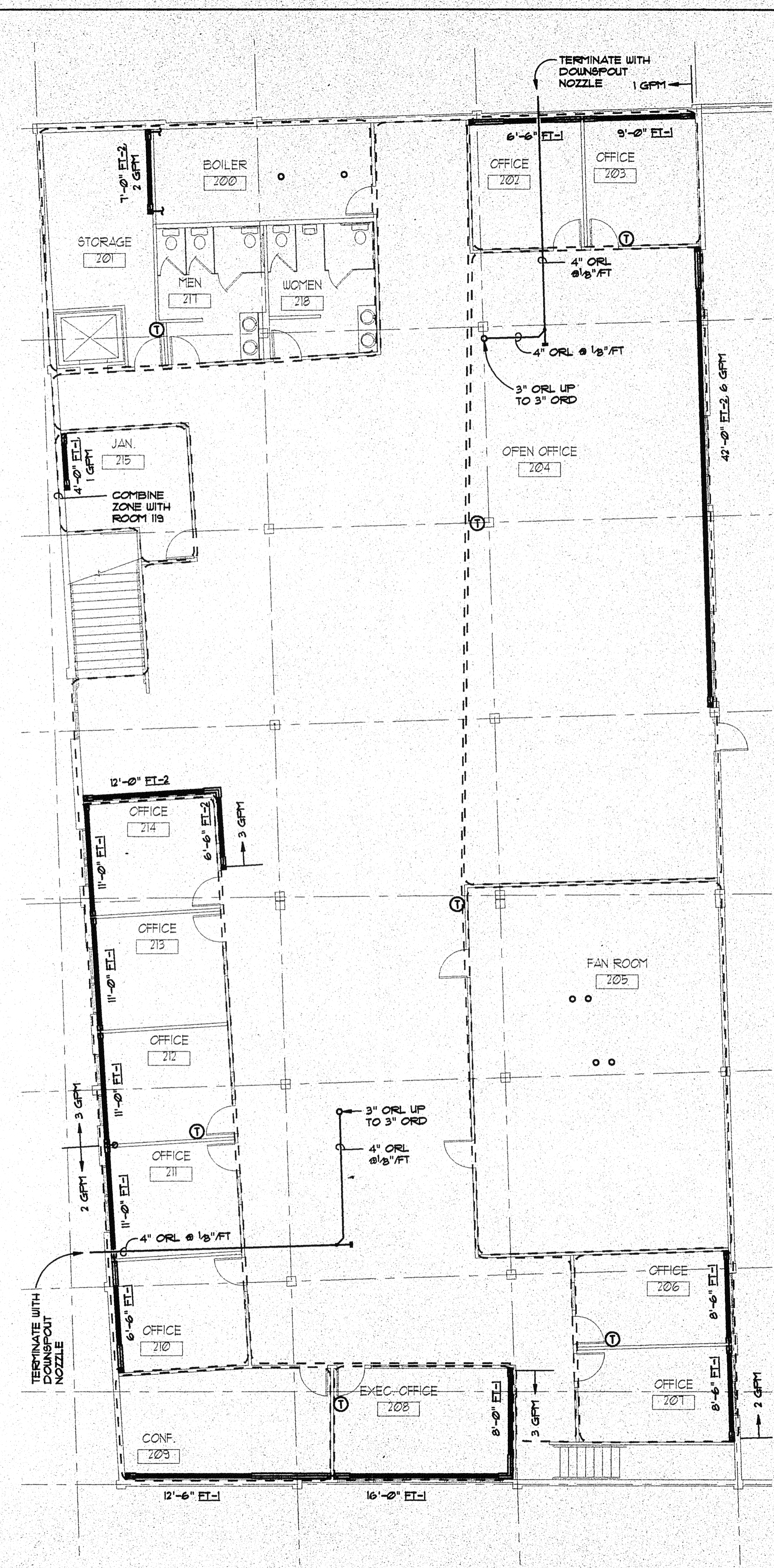
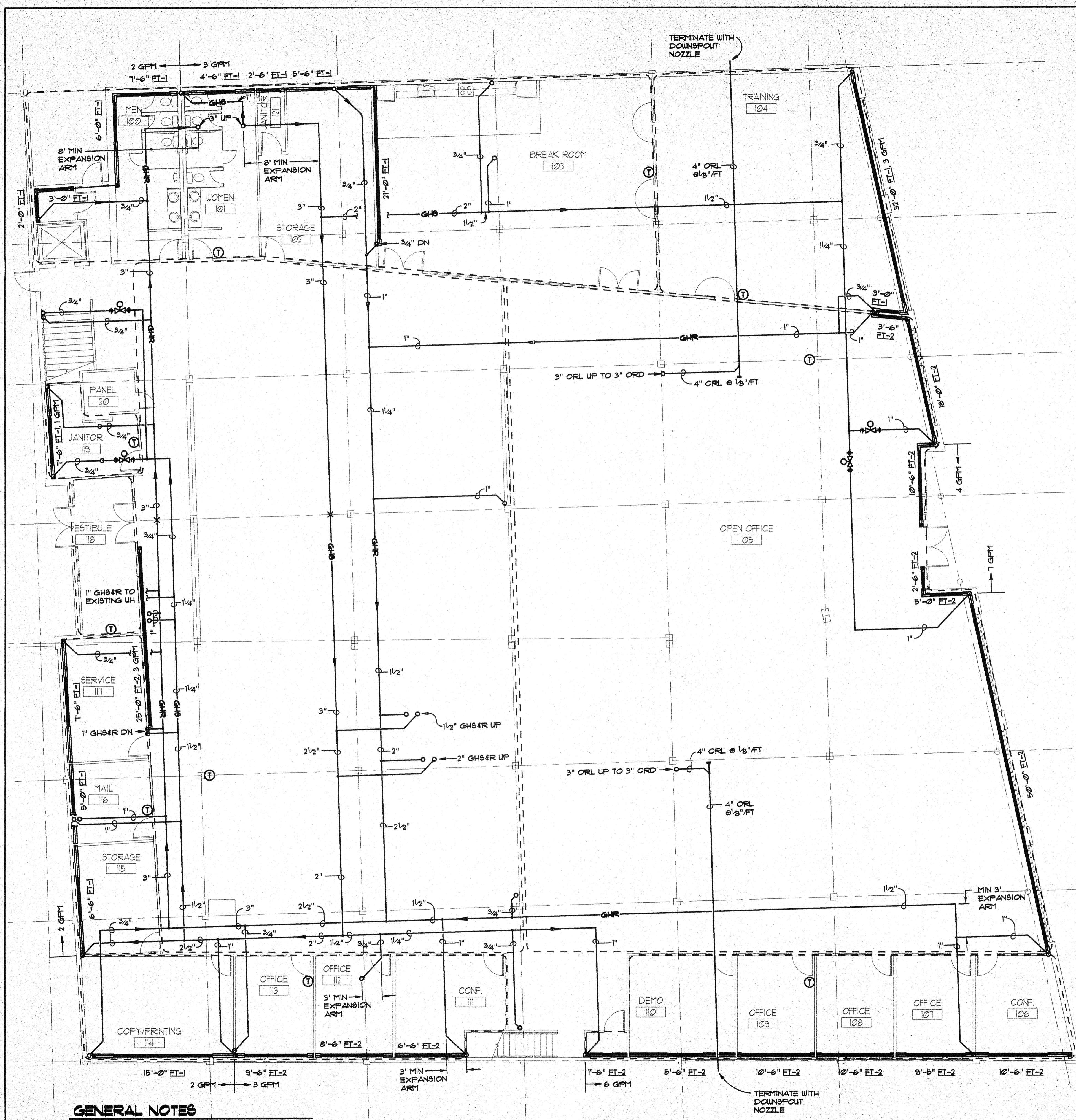
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drawn by	JAR
date	4/3/98
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number	revision date
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**HEATING PIPING  
& PLUMBING PLAN**

**M-2**  
SHEET - OF -

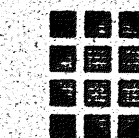


**GENERAL NOTES**

- WHERE FLOW IS SPLIT INTO TWO STREAMS WITHIN A SINGLE ZONE, PROVIDE A FLOW CONTROL VALVE FOR EACH STREAM.

1 FIRST FLOOR  
M2 1/8" = 1'-0"

2 SECOND FLOOR  
M2 1/8" = 1'-0"



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PLANNING

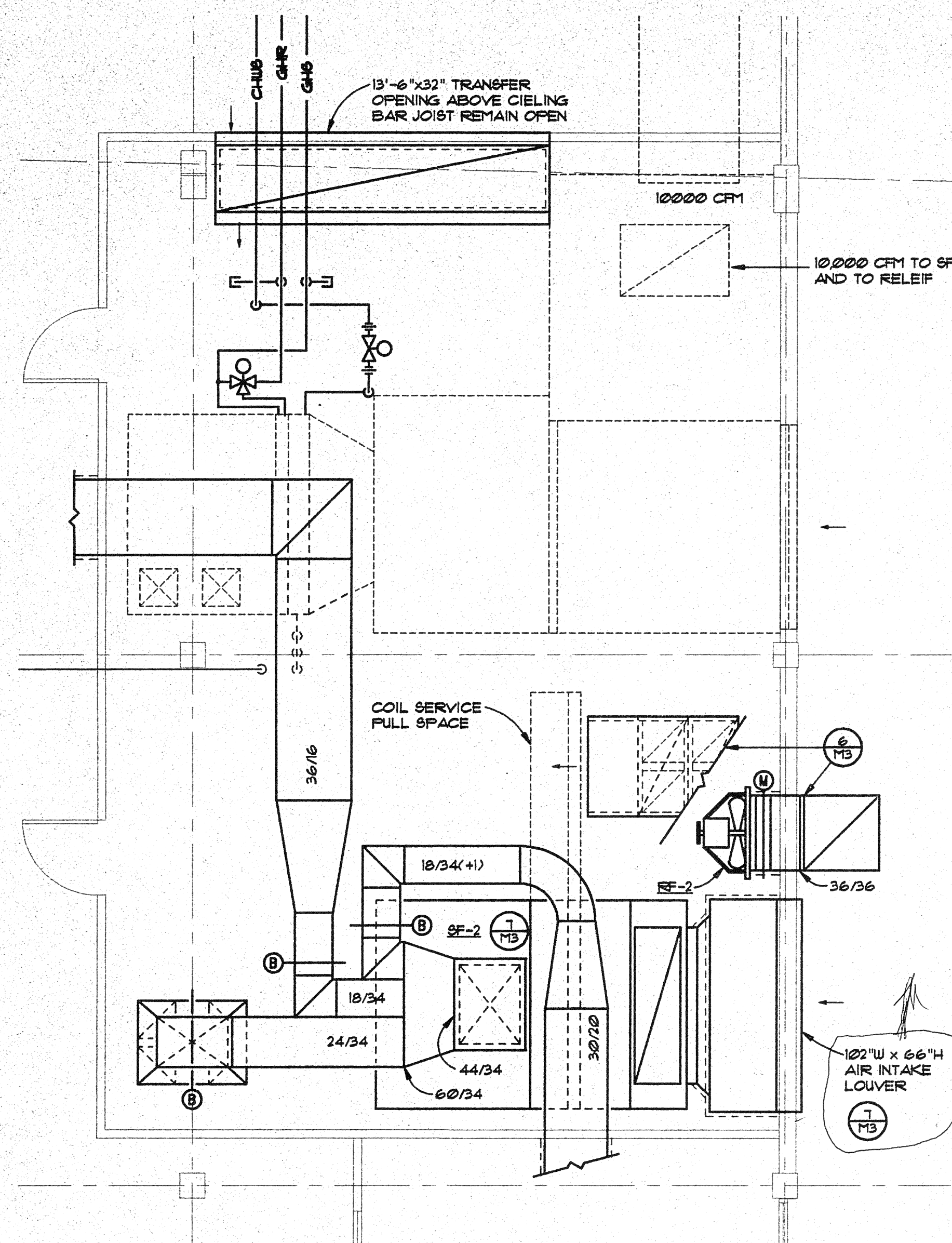
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NOT FOR  
CONSTRUCTION

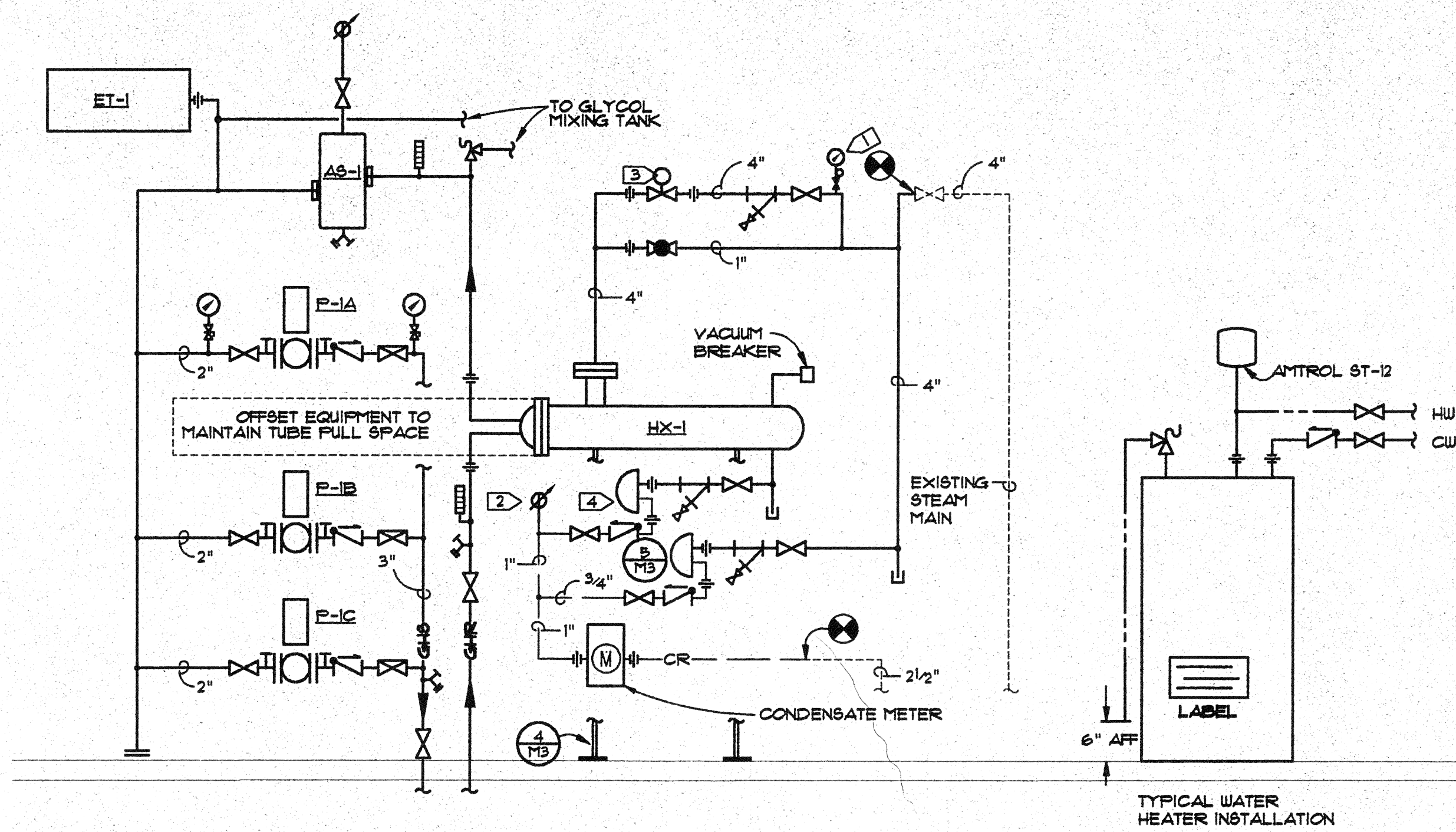
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**1 FAN ROOM**  
M3 1/4"=1'-0"

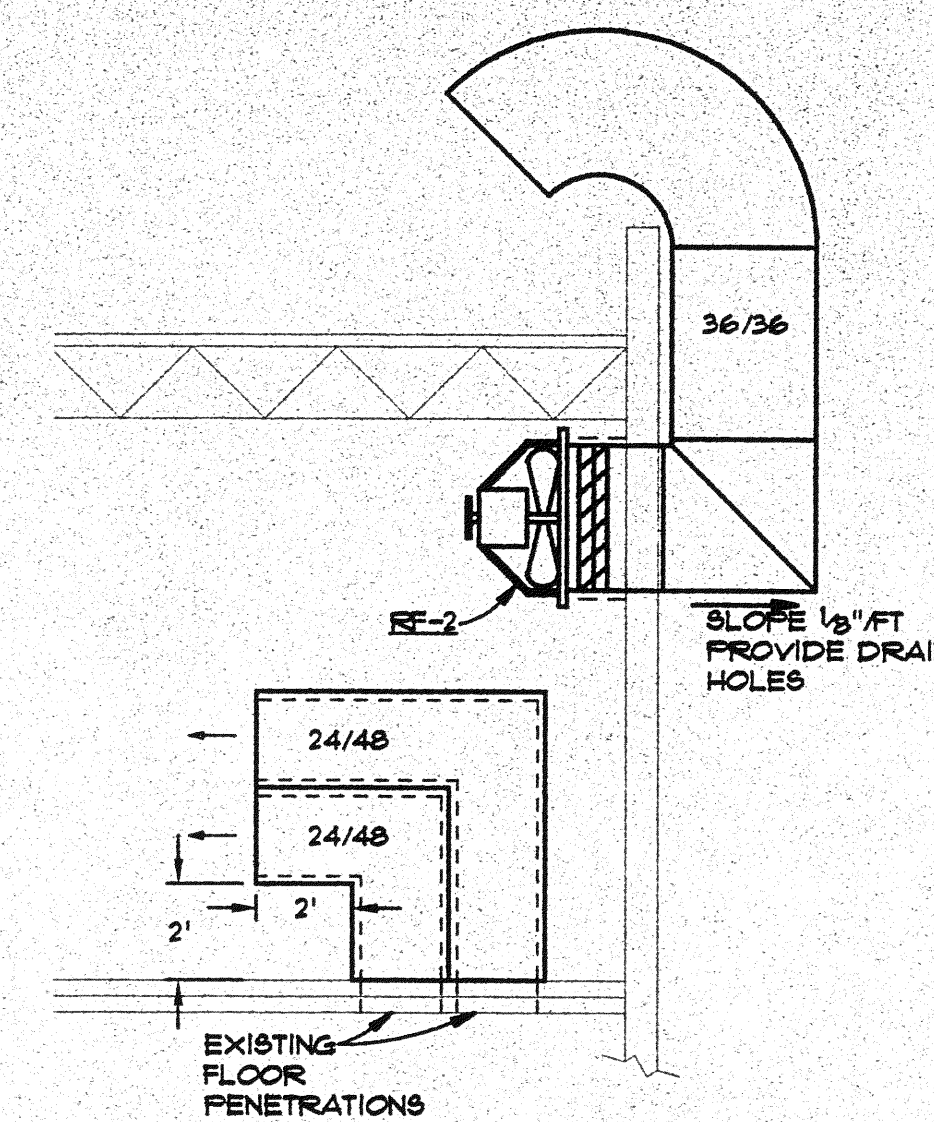


**SPECIFIC NOTES**

- 1 12 P.S.I.G. STEAM SET BY PRESSURE RELIEF VALVE & REDUCING STATION LOCATED AT 3RD & TURNER.
- 2 AUTO AIR VENT PROVIDED BY UTILITY.
- 3 Cv = 33
- 4 2000 G/HR F & T TRAP

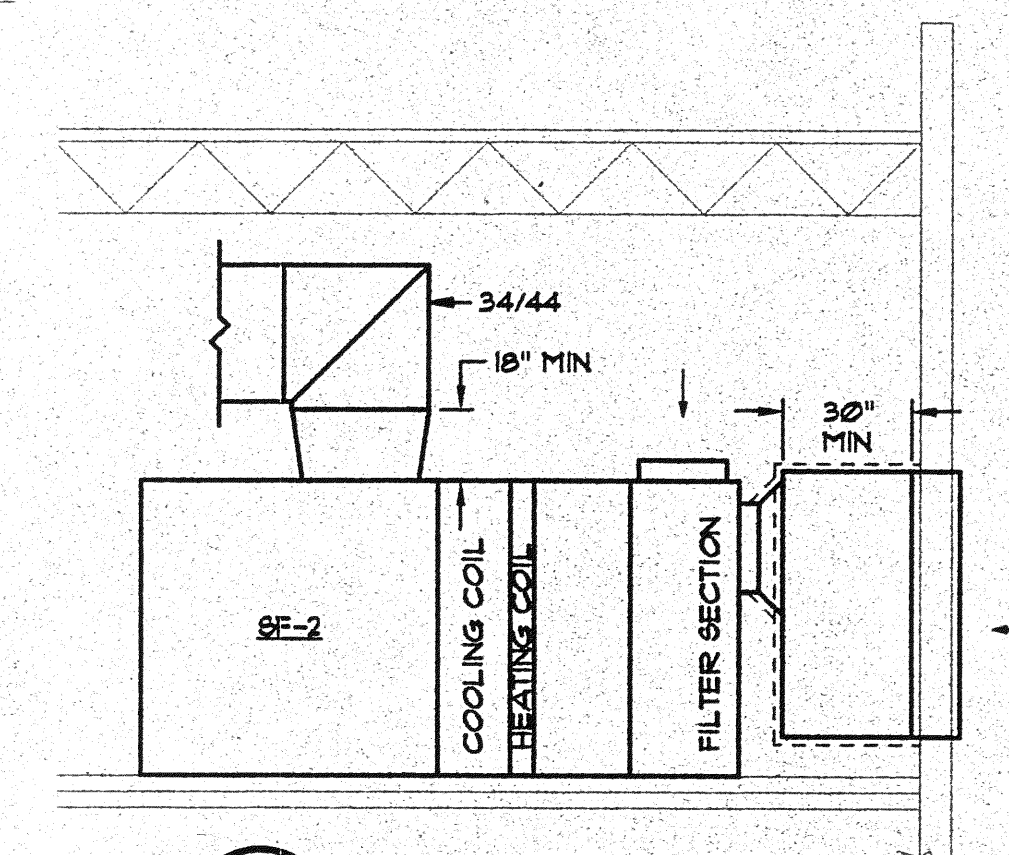
**3 STEAM CONVERTER PIPING DETAIL**

M3 NO SCALE



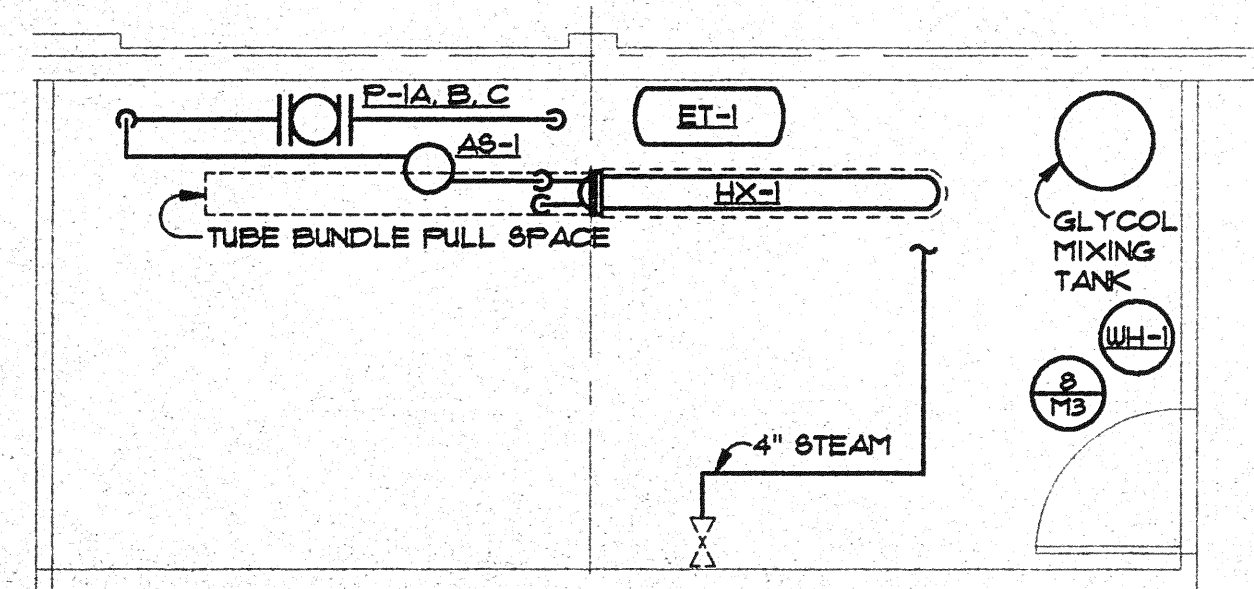
**RELIEF FAN AND  
RETURN AIR DUCT  
ELEVATION**

M3 NO SCALE



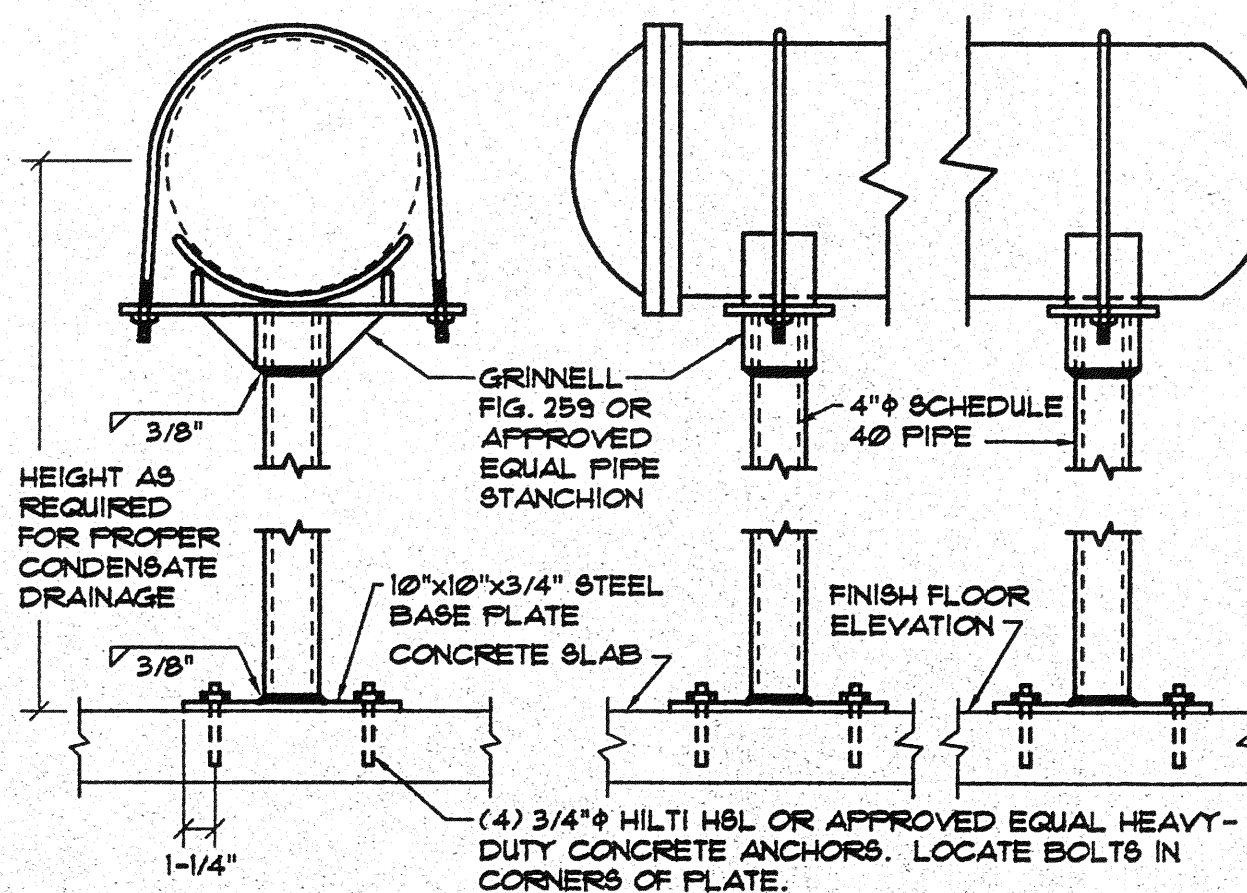
**7 SF-2 ELEVATION**

M3 NO SCALE



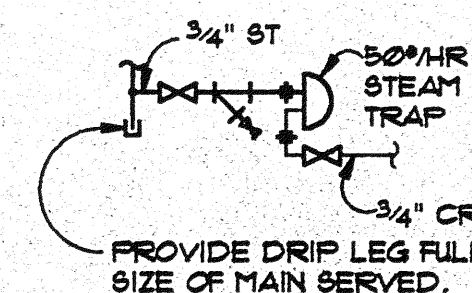
**2 BOILER ROOM**

M3 1/4"=1'-0"



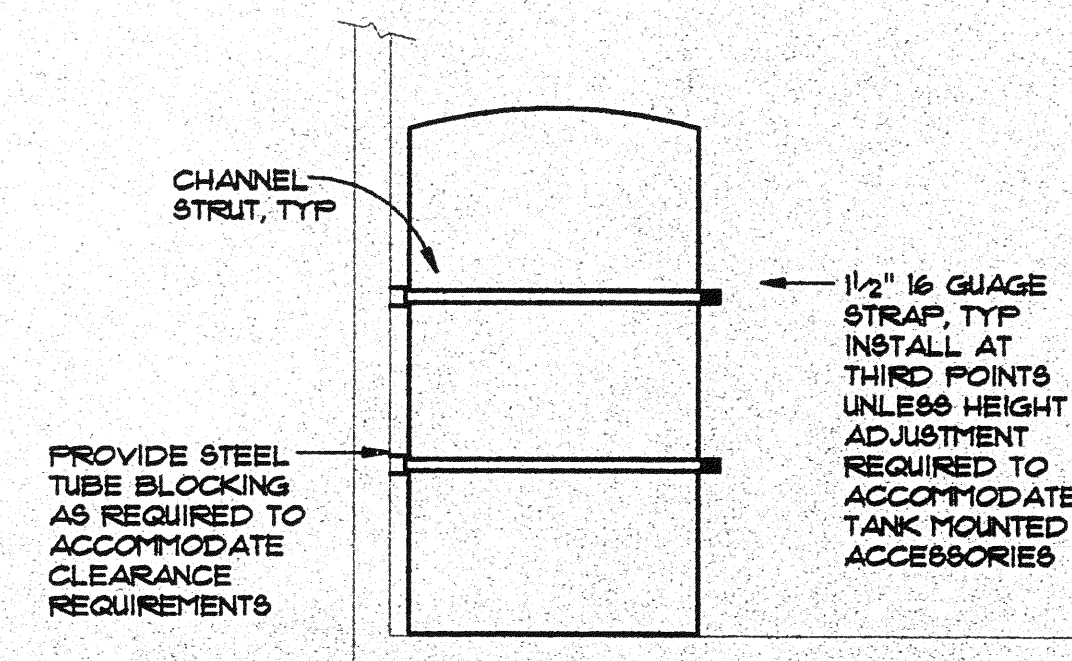
**4 CONVERTOR INSTALLATION**

M3 NO SCALE



**5 DRIP TRAP  
STEAM PIPING DETAIL**

M3 NO SCALE



**ELEVATION**

**8 TANK OR VESSEL SEISMIC RESTRAINT**

M3 NO SCALE

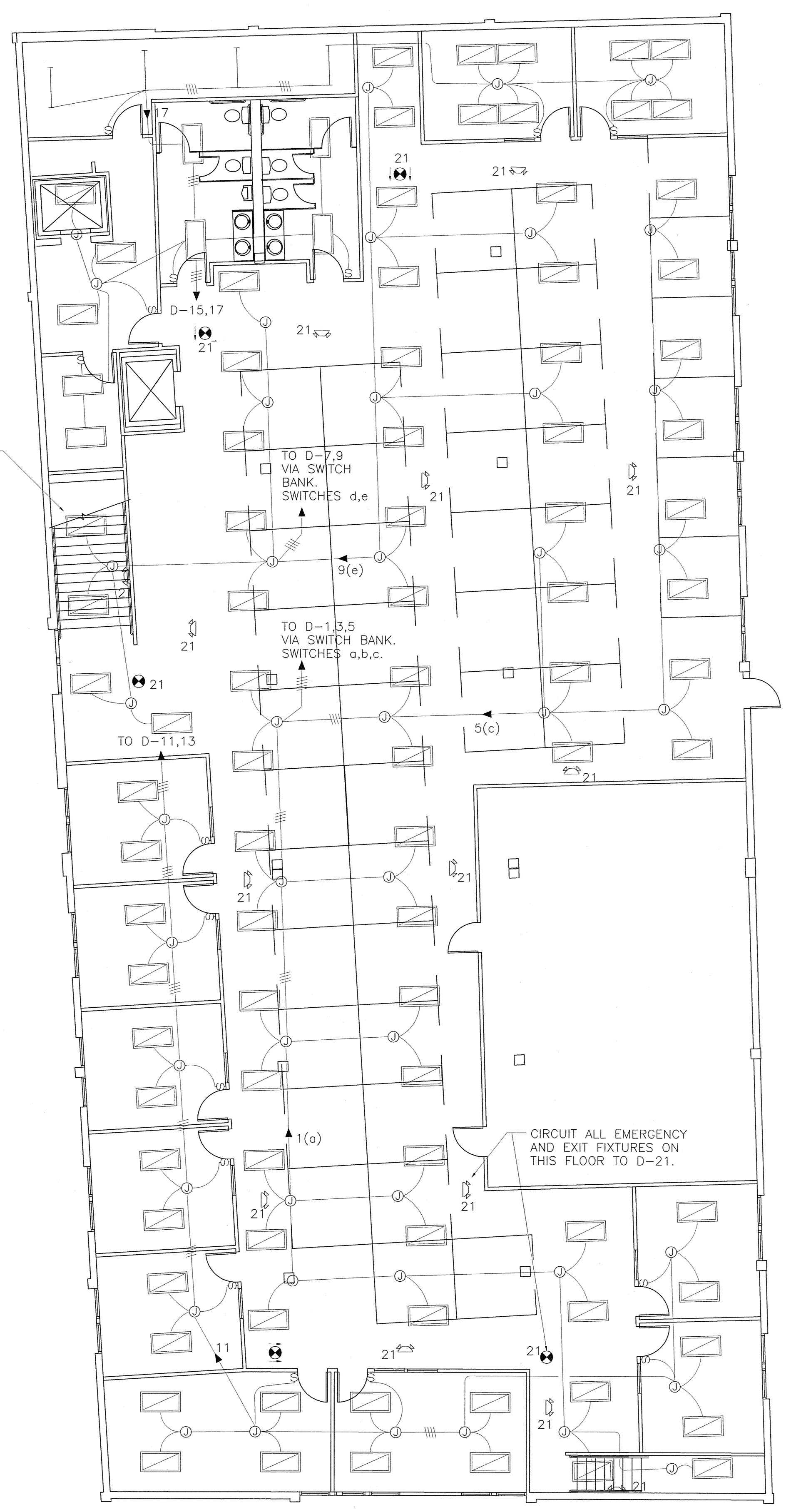
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OFFICE BUILDING**  
FARBANKS, AK

job no.	42980
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date	4/3/98
chk'd	
number	revision date
1	
2	
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LARGE SCALE  
PLANS AND  
MSC. DETAILS

**M-3**

SHEET - OF -



1 FIRST FLOOR LIGHTING PLAN  
E2 SCALE: 1/8"=1'

1 FIRST FLOOR LIGHTING PLAN  
E2 SCALE: 1/8"=1'

**HZA**  
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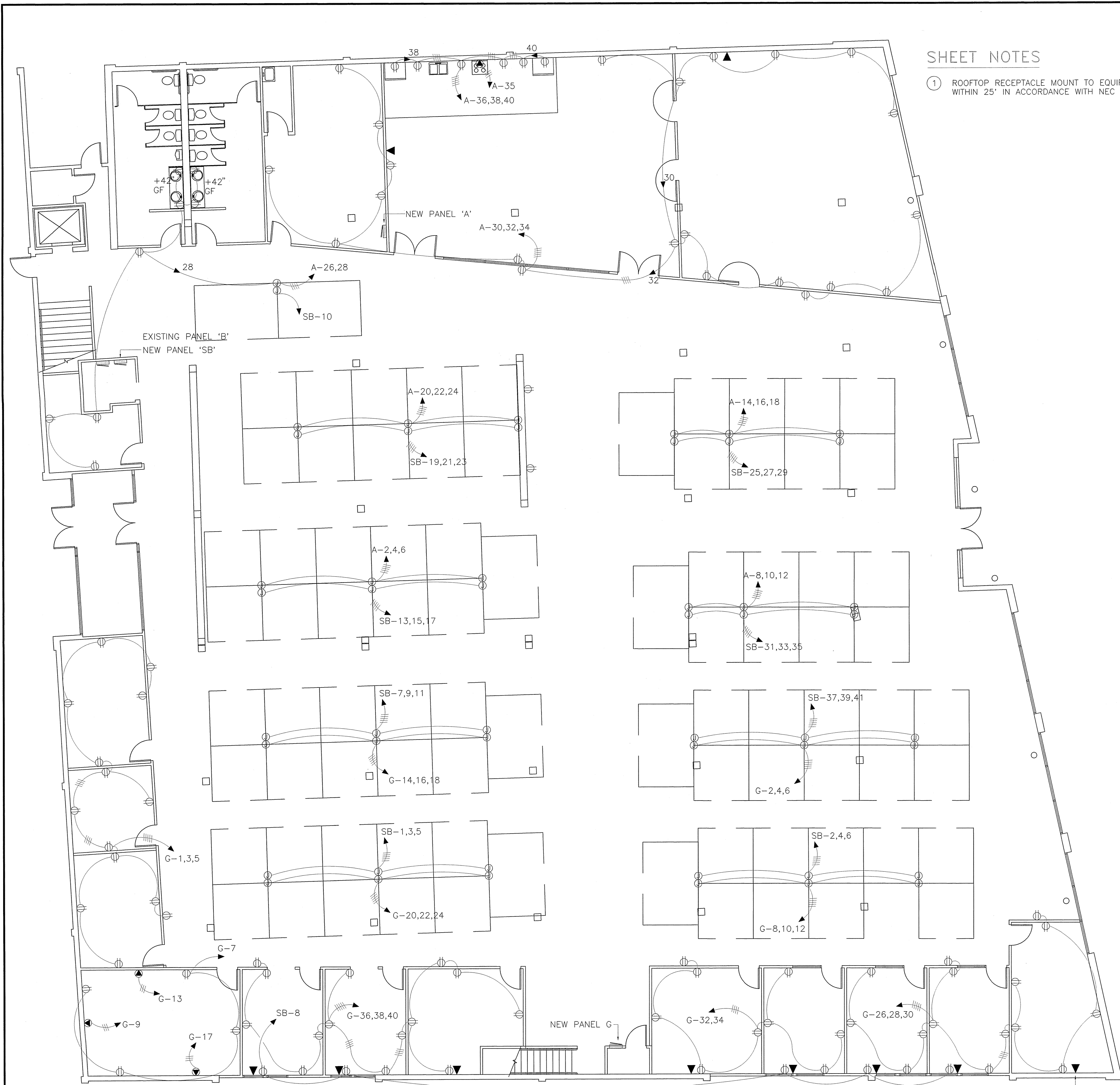
**PTI COMMUNICATIONS  
BUILDING OFFICE REMODEL  
FAIRBANKS, ALASKA**

Revisions		
No.	Description	Date

Drawn: TCA  
Checked: TCA,TDZ  
Date: 3/25/98  
Project No.: 98038

Sheet Contents  
FIRST AND  
SECOND FLOOR  
LIGHTING PLANS

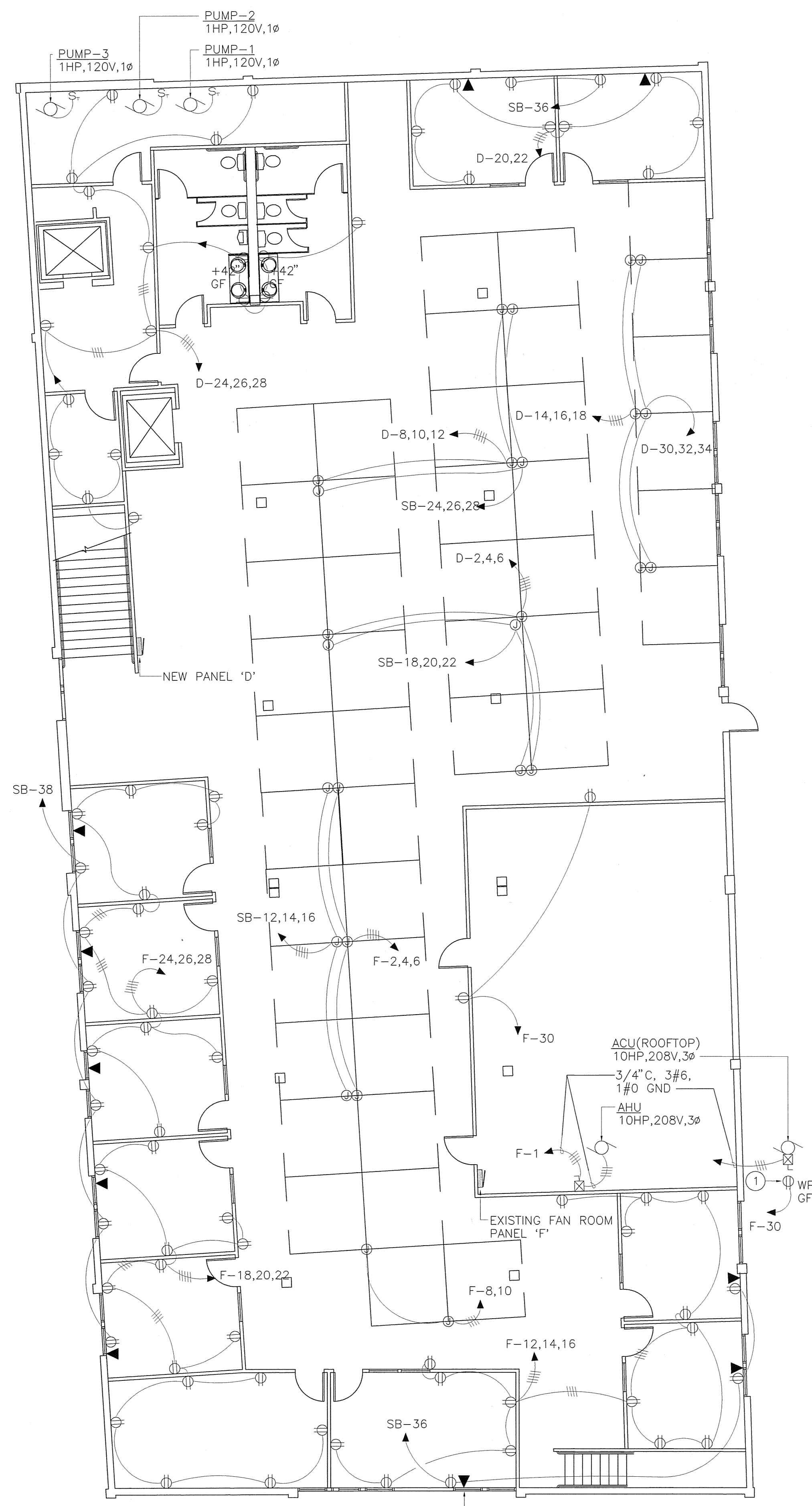
Drawing No.  
E-2



**SHEET NOTES**

1 ROOFTOP RECEPTACLE MOUNT TO EQUIPMENT OR WITHIN 25' IN ACCORDANCE WITH NEC 210-63.

PROVIDE 3/4" CONDUIT TO ABOVE CEILING, TYPICAL ALL TELEPHONE/DATA OUTLETS.



PROVIDE 3/4" CONDUIT TO ABOVE CEILING, TYPICAL ALL TELEPHONE/DATA OUTLETS.

1 FIRST FLOOR POWER PLAN  
E3 SCALE: 1/8"=1'

2 SECOND FLOOR POWER PLAN  
E3 SCALE: 1/8"=1'

**HZA**  
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**PTI COMMUNICATIONS  
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FAIRBANKS, ALASKA**

Revisions		
No.	Description	Date

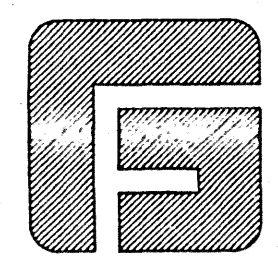
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Date: 3/25/98  
Project No.: 98038

Sheet Contents  
FIRST AND  
SECOND FLOOR  
POWER PLANS

Drawing No.  
E-3



APPROVED BY / DATE:



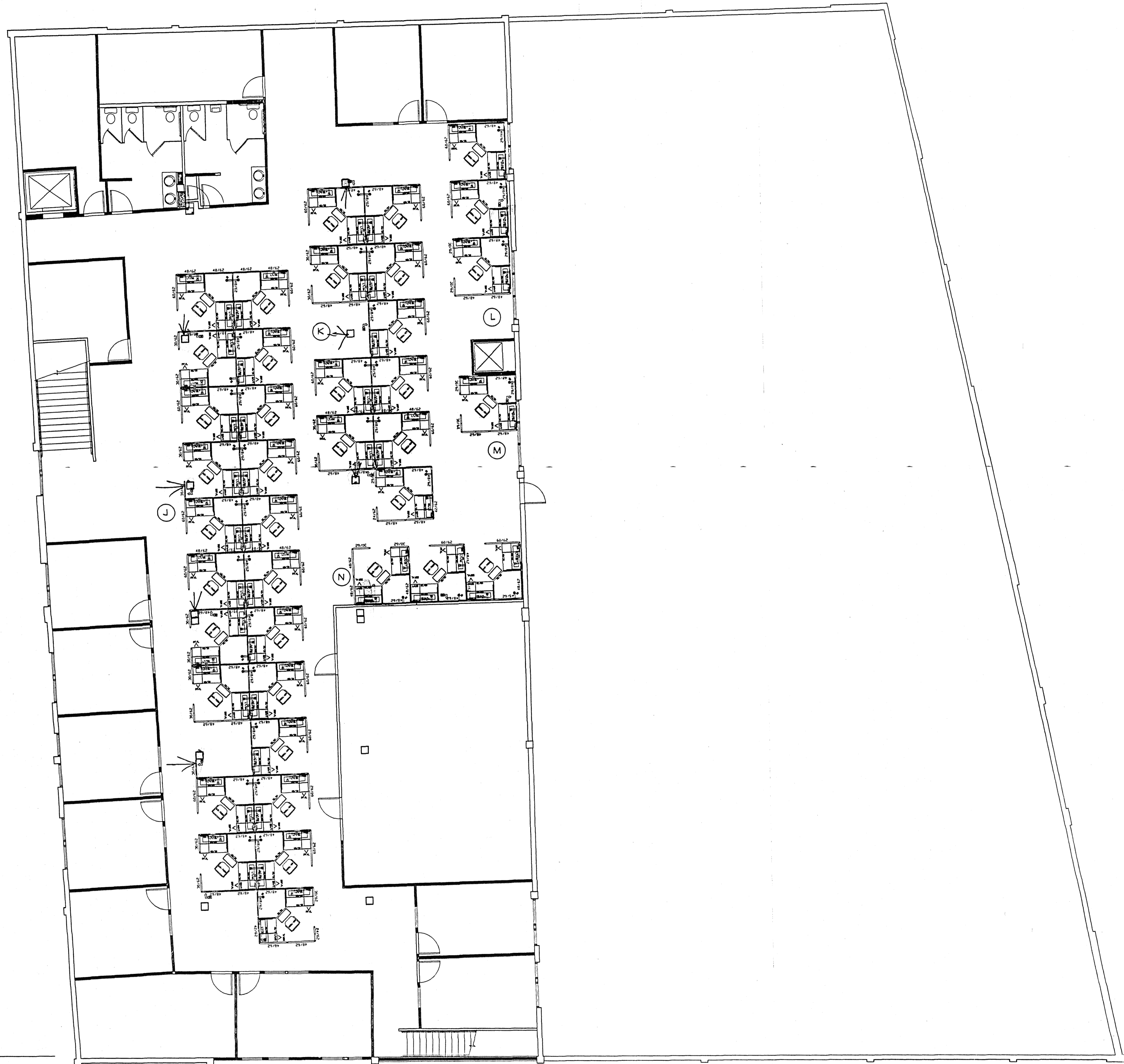
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 6655 SEVILLE DRIVE  
 CANFIELD, OH. 44406  
 PH. 330-533-7799 FAX. 330-533-8255

REVISIONS	
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3	
2	4-1-98
1	3-12-98

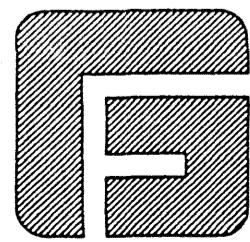
JOB TITLE:	CENTURY PHONE - FAIRBANKS, ALASKA
SHEET TITLE:	FURNITURE PLAN - FIRST FLOOR
PROJECT ID:	CENTURY - ALASKA
DATE:	3-6-98
SCALE:	1/8" = 1'-0"
DRAWN BY:	DEANNA MADDEN

NOTE:  
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DWG:  
 CENTURY PHONE  
 FAIRBANKS, ALASKA  
 FIRST FLOOR  
 1 OF 2



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REVISIONS

5	
4	
3	
2	4-1-98
1	3-12-98

JOB TITLE:	CENTURY PHONE - FAIRBANKS, ALASKA
SHEET TITLE:	FURNITURE PLAN - SECOND FLOOR
PROJECT ID:	CENTURY - ALASKA
DATE:	3-6-98
SCALE:	1/8" = 1'-0"
DRAWN BY:	DEANNA MADDEN

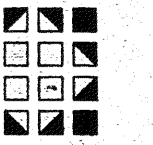
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DWG:  
 CENTURY PHONE  
 FAIRBANKS, ALASKA  
 SECOND FLOOR  
 2 OF 2



# PTI COMMUNICATIONS COMMUNICATIONS OFFICE BUILDING

CHARLES BETTISWORTH  
AND COMPANY, INC.



ARCHITECTURE  
PLANNING

p.o. box 73209 fairbanks alaska  
ph: 907-456-5780 fax: 907-451-8522

consultants:

## CODE DATA

AREA  
1st FLOOR 19169 sqft  
2nd FLOOR 9890 sqft  
TOTAL 29059 sqft

OCCUPANCY  
GROUP B  
LOAD  
1st FLOOR 191  
2nd FLOOR 99  
TOTAL 296

CONSTRUCTION  
TYPE V-N

## DRAWING INDEX

### GENERAL

T1 COVER SHEET

### ARCHITECTURAL

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A-4 WALL SECTIONS  
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A-6 REFLECTED CEILING PLANS  
A-7 ENLARGED FLOOR PLANS & DETAILS

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S-4 UPPER ROOF PLAN  
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M-1 VENTILATION FLOOR PLANS

### ELECTRICAL

E-2 FIRST AND SECOND FLOOR LIGHTING PLANS  
E-3 FIRST AND SECOND FLOOR POWER PLANS

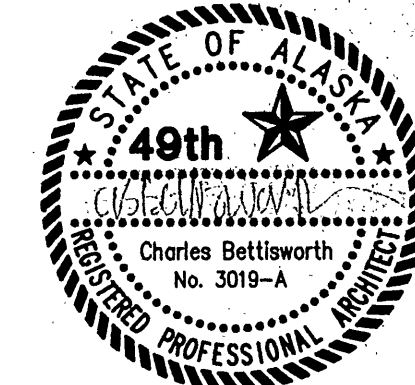
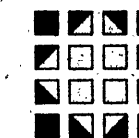
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COMMUNICATIONS  
OFFICE BUILDING  
FAIRBANKS, AK

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drawn by	JS
date	4/8/98
chk'd	TAJ
number	revision date
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COVER SHEET

T-1

SHEET \_\_\_ OF \_\_\_



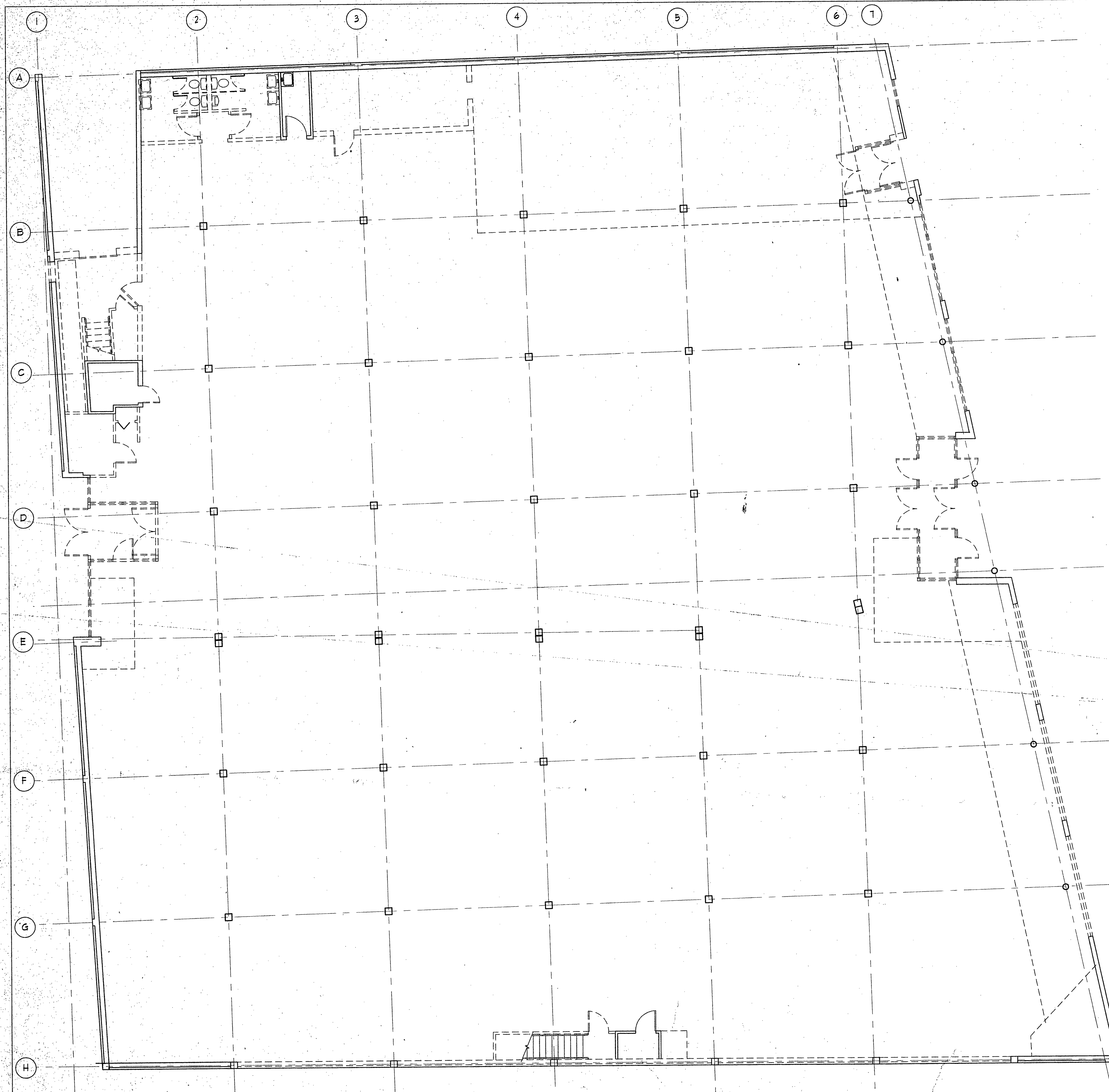
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FAIRBANKS, AK

job no.	
drawn by	JF, BW
date	4/8/98
chk'd	TAJ
number	revision date
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▲	
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DEMOLITION PLANS

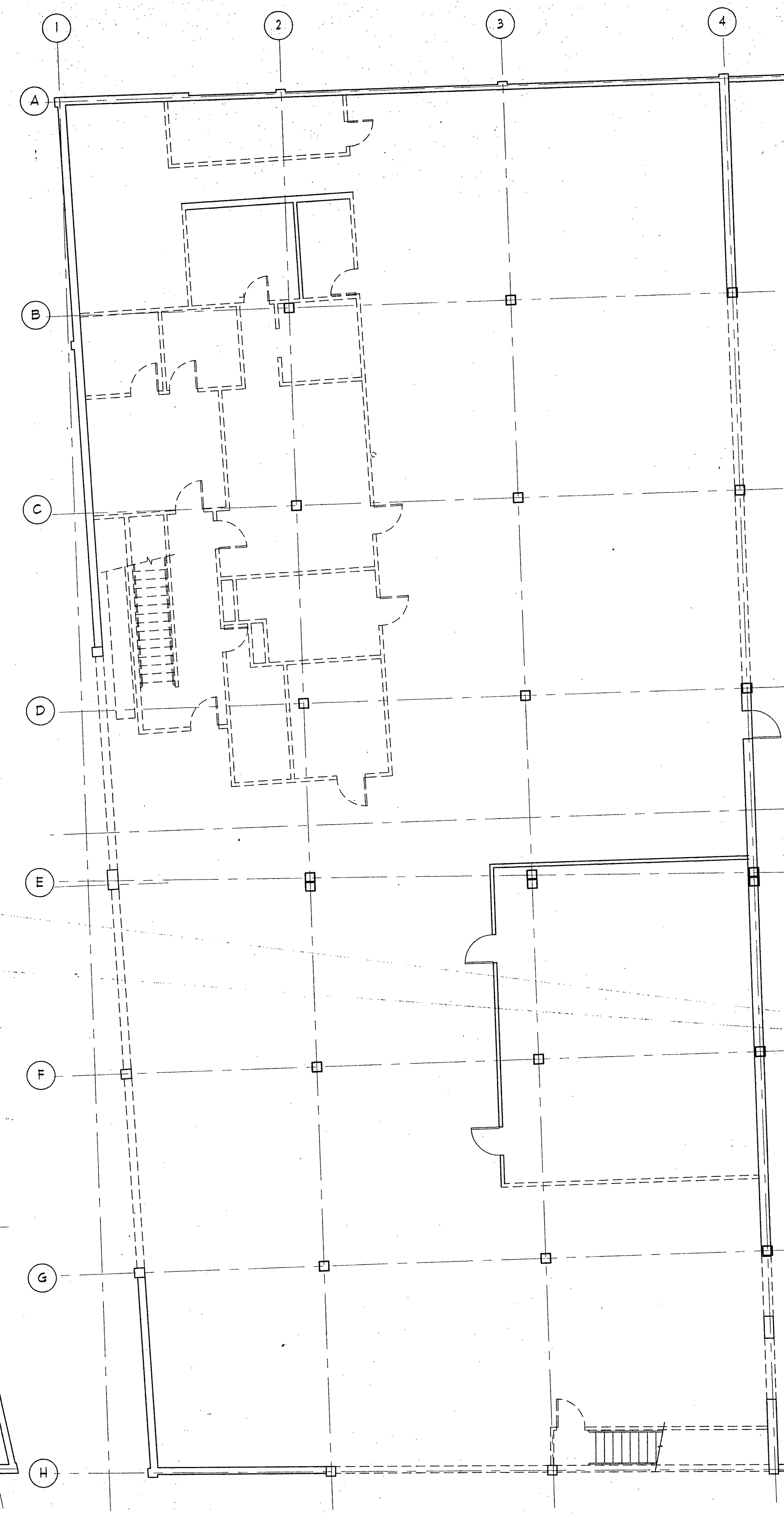
**D-1**  
SHEET OF



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

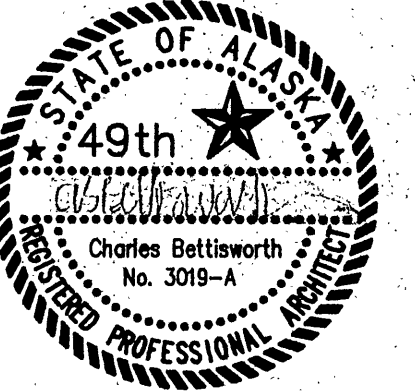
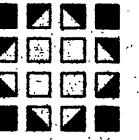
LEGEND

	EXISTING TO BE REMOVED
	EXISTING TO REMAIN



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

REVISIONS PLAN-2A  
2  
A-1 A-1



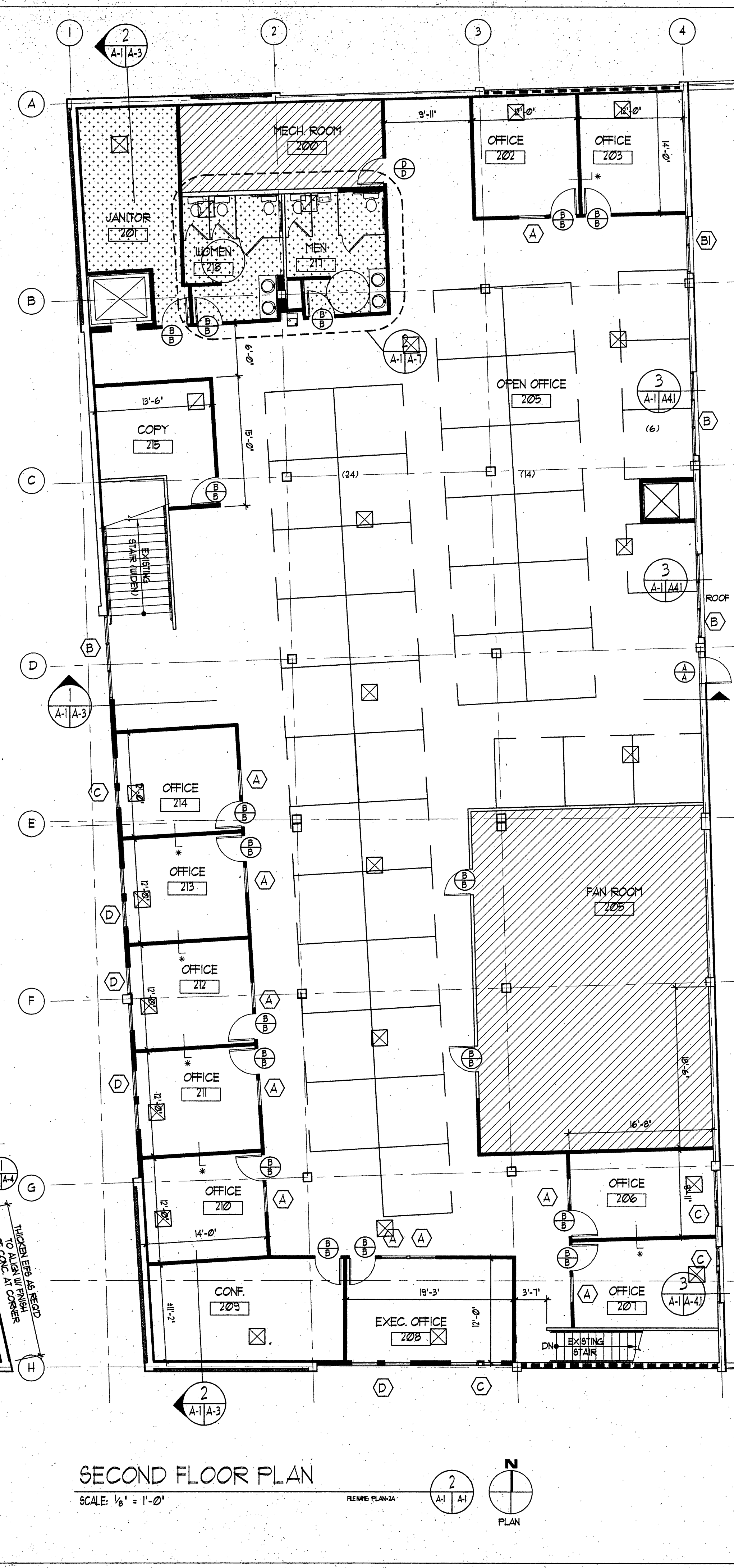
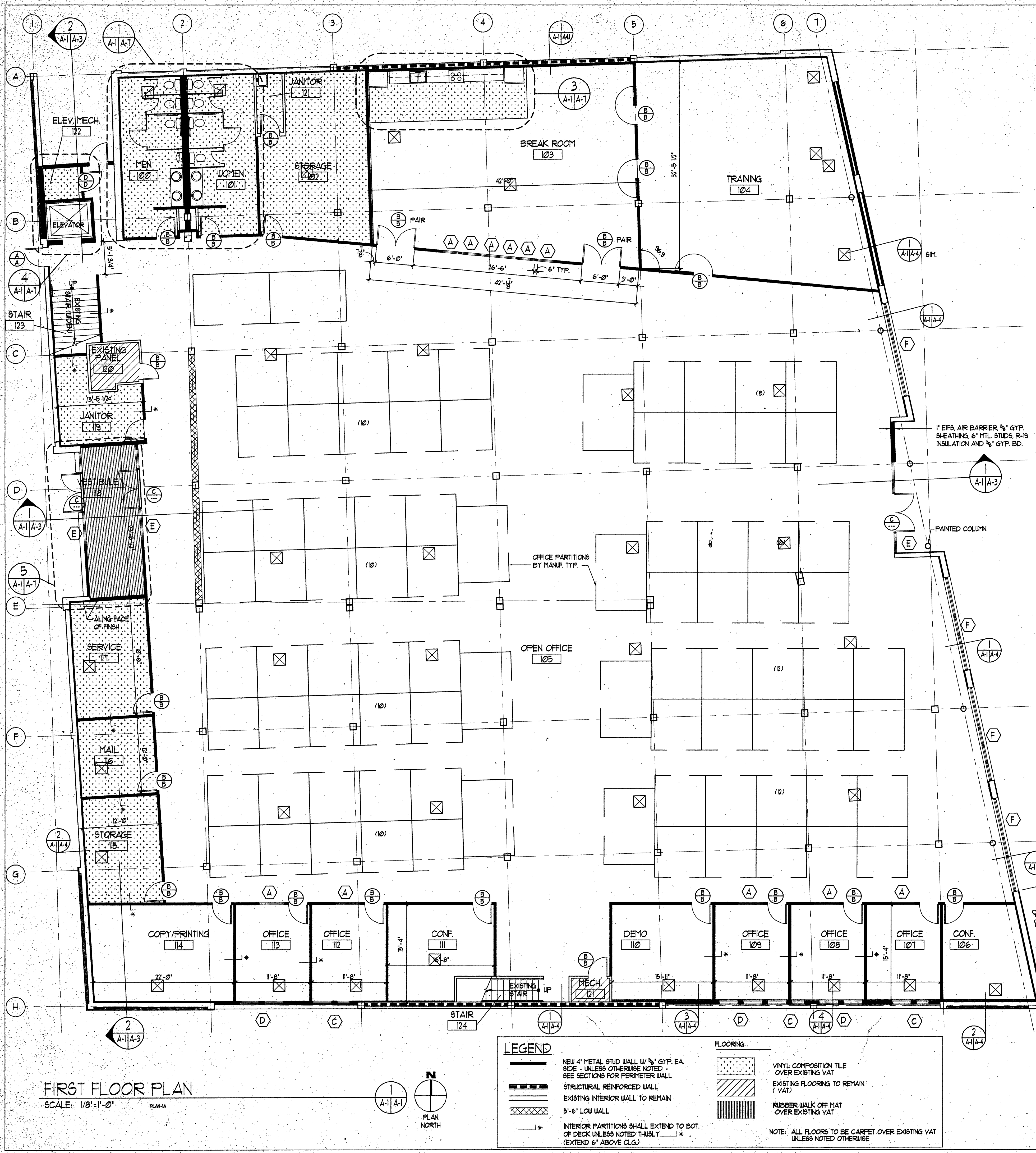
consultants:-

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**COMMUNICATIONS  
OFFICE BUILDING**  
FAIRBANKS, AK

Job no.	
drawn by	BJW, TAJ
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number	revision date
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FIRST FLOOR PLAN  
SECOND FLOOR PLAN

**A-1**  
SHEET OF



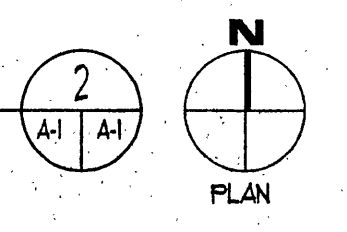
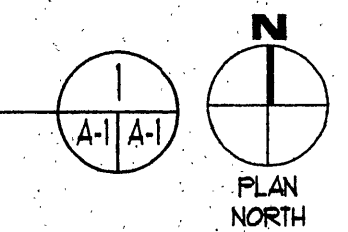
FIRST FLOOR PLAN  
SCALE: 1/8" = 1'-0"

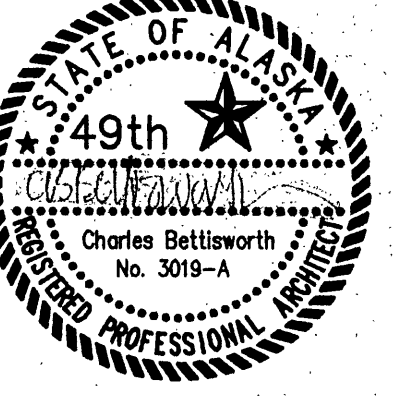
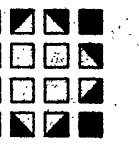
SECOND FLOOR PLAN  
SCALE: 1/8" = 1'-0"

**LEGEND**

	NEW 4" METAL STUD WALL W/ 1/2" GYP. EA. SIDE - UNLESS OTHERWISE NOTED - SEE SECTIONS FOR PERIMETER WALL		VINYL COMPOSITION TILE OVER EXISTING VAT
	STRUCTURAL REINFORCED WALL		EXISTING FLOORING TO REMAIN (VAT)
	EXISTING INTERIOR WALL TO REMAIN		RUBBER WALK OFF MAT OVER EXISTING VAT
	5'-6" LOW WALL		

NOTE: ALL FLOORS TO BE CARPET OVER EXISTING VAT UNLESS NOTED OTHERWISE





consultants:

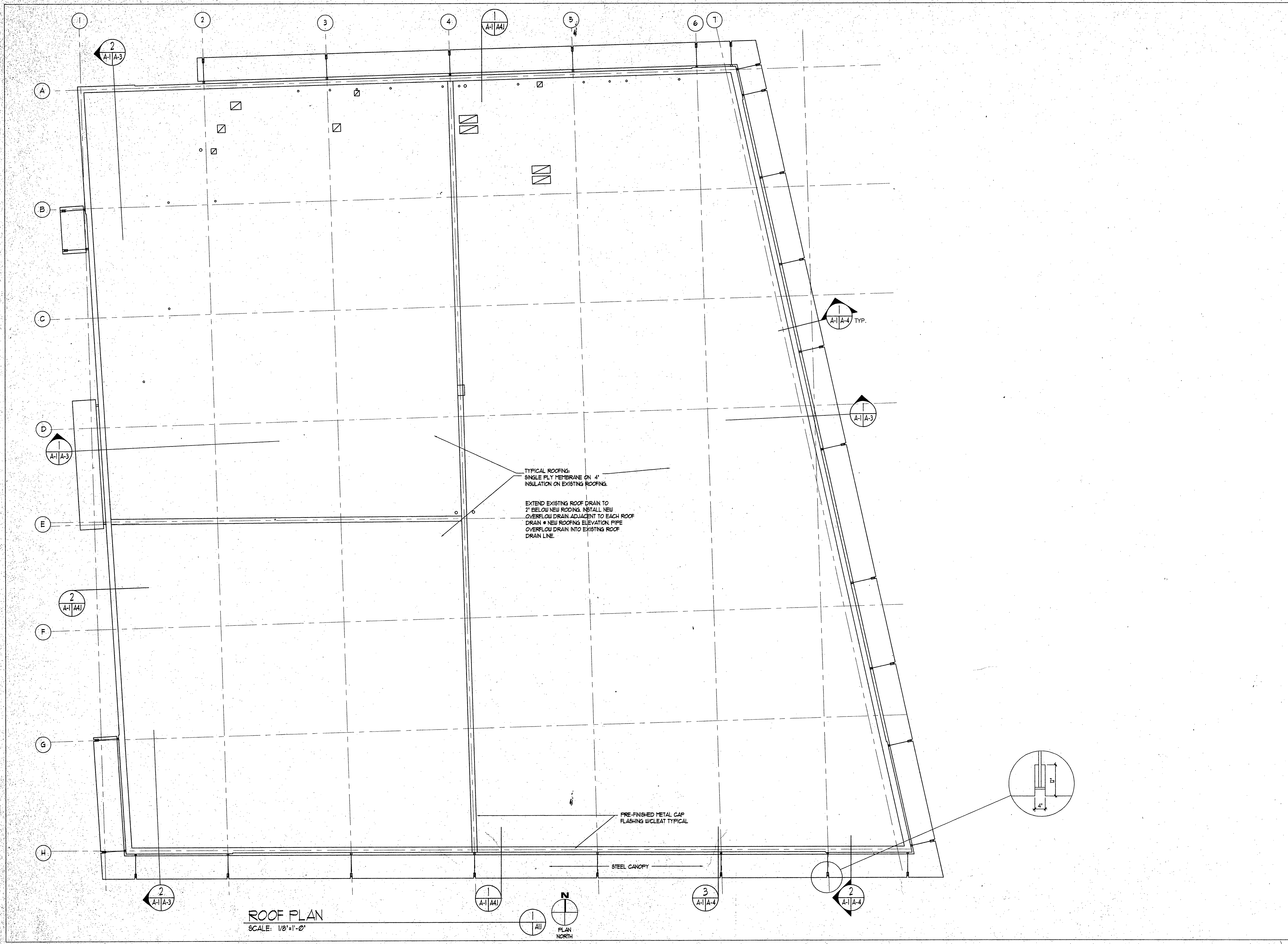
PTI COMMUNICATIONS  
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OFFICE BUILDING**  
FAIRBANKS, AK

job no.	
drawn by	BJW
date	4/8/98
chk'd	TAJ
number	revision date
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△	
△	

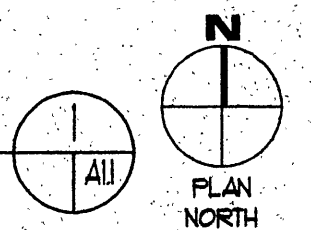
ROOF PLAN

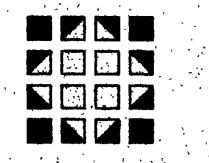
**A-1.1**

SHEET \_\_\_ OF \_\_\_



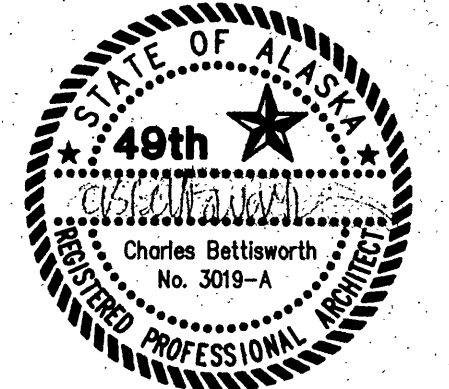
ROOF PLAN  
SCALE: 1/8"=1'-0"





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consultants:

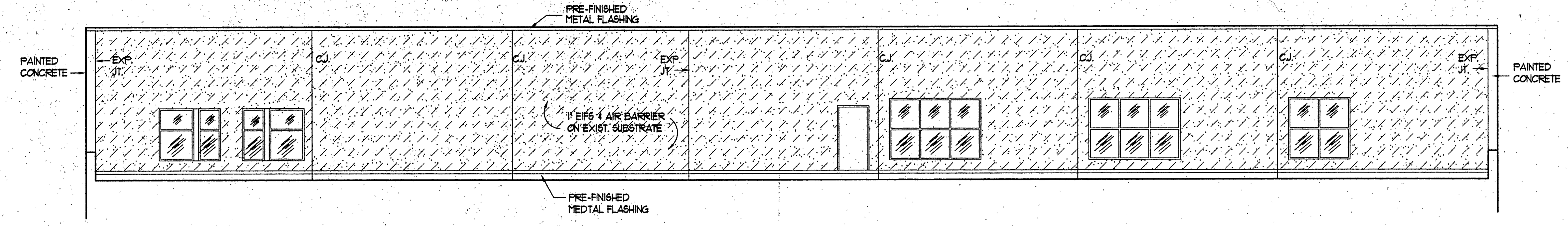
PTI COMMUNICATIONS  
**COMMUNICATIONS OFFICE BUILDING**  
FAIRBANKS, AK

job no.	
drawn by	TJ, BW
date	4/8/98
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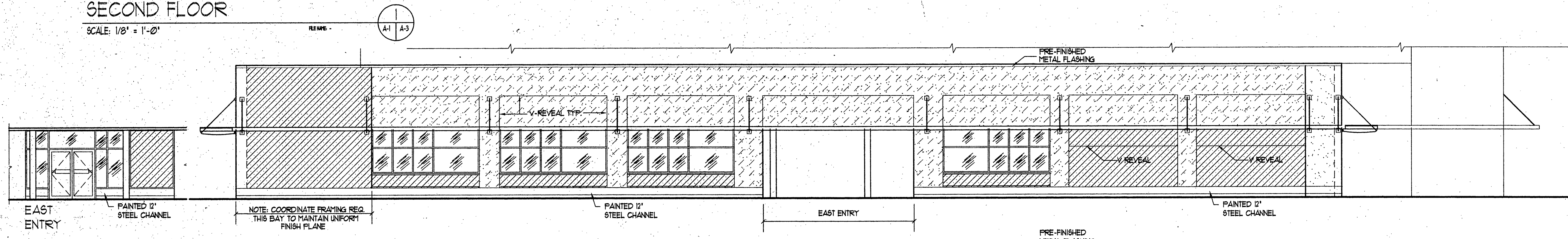
EXTERIOR ELEVATIONS

**A-2**  
SHEET - OF -

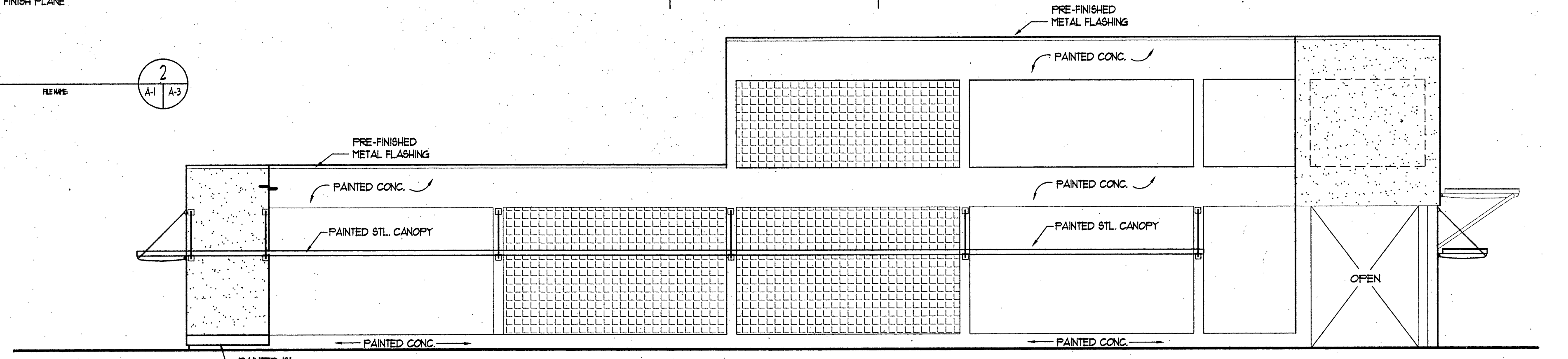
EAST ELEVATION SECOND FLOOR  
SCALE: 1/8" = 1'-0"



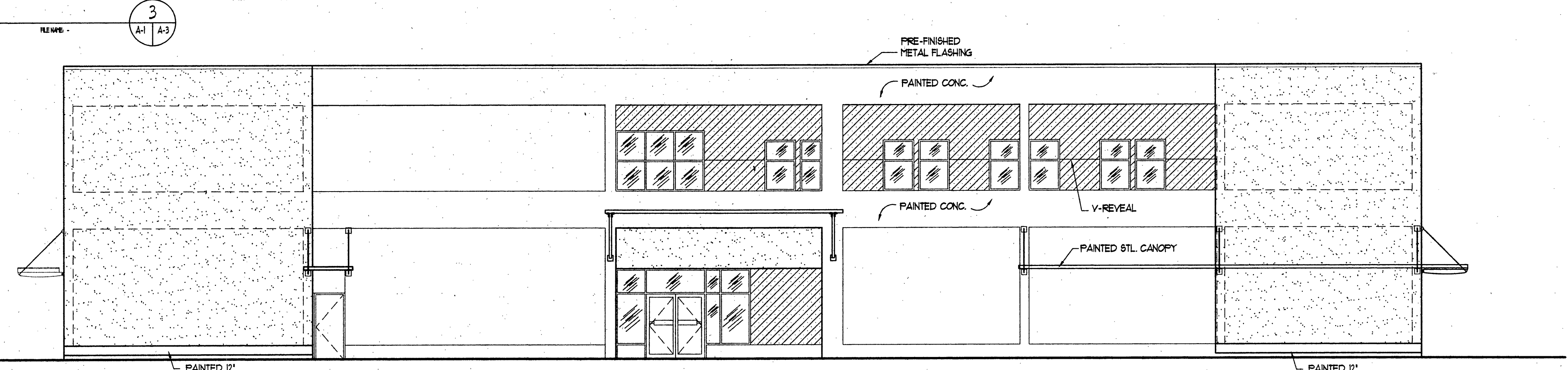
EAST ELEVATION FIRST FLOOR  
SCALE: 1/8" = 1'-0"



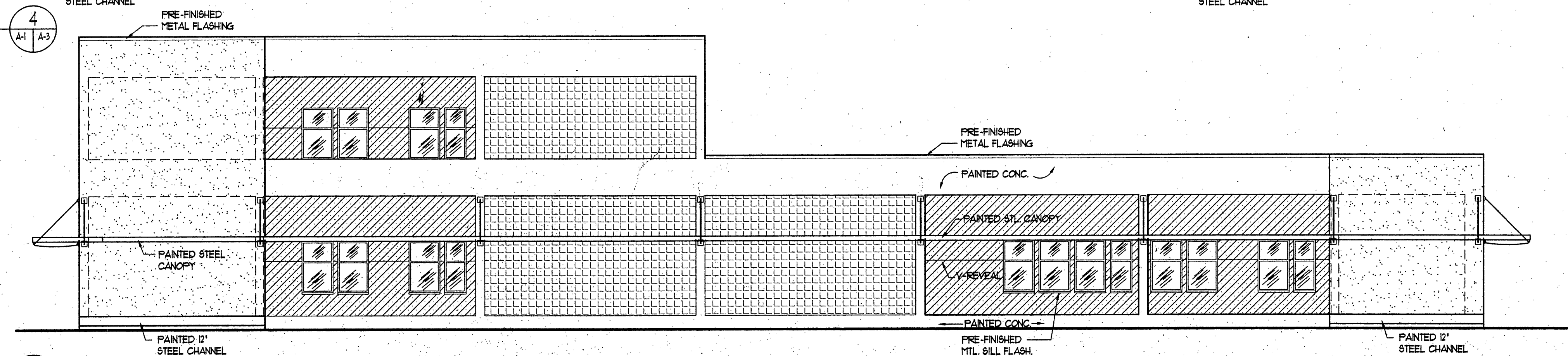
NORTH ELEVATION  
SCALE: 1/8" = 1'-0"



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

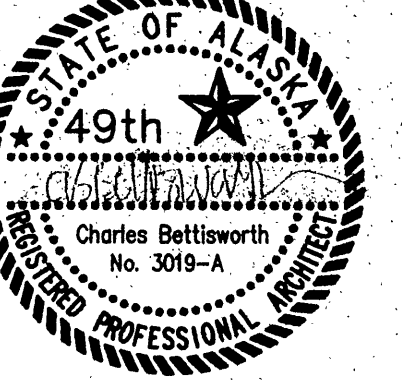
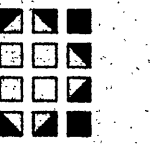


SOUTH ELEVATION  
SCALE: 1/8" = 1'-0"



LEGEND

- STRUCTURAL WALL W/ EIFS
- FRAMED WALL W/ EIFS
- (EXISTING) CONC. W/ EIFS
- (EXISTING) FRAMED WALL W/ EIFS
- EXISTING BLOCK/ CONC PAINTED



consultants:

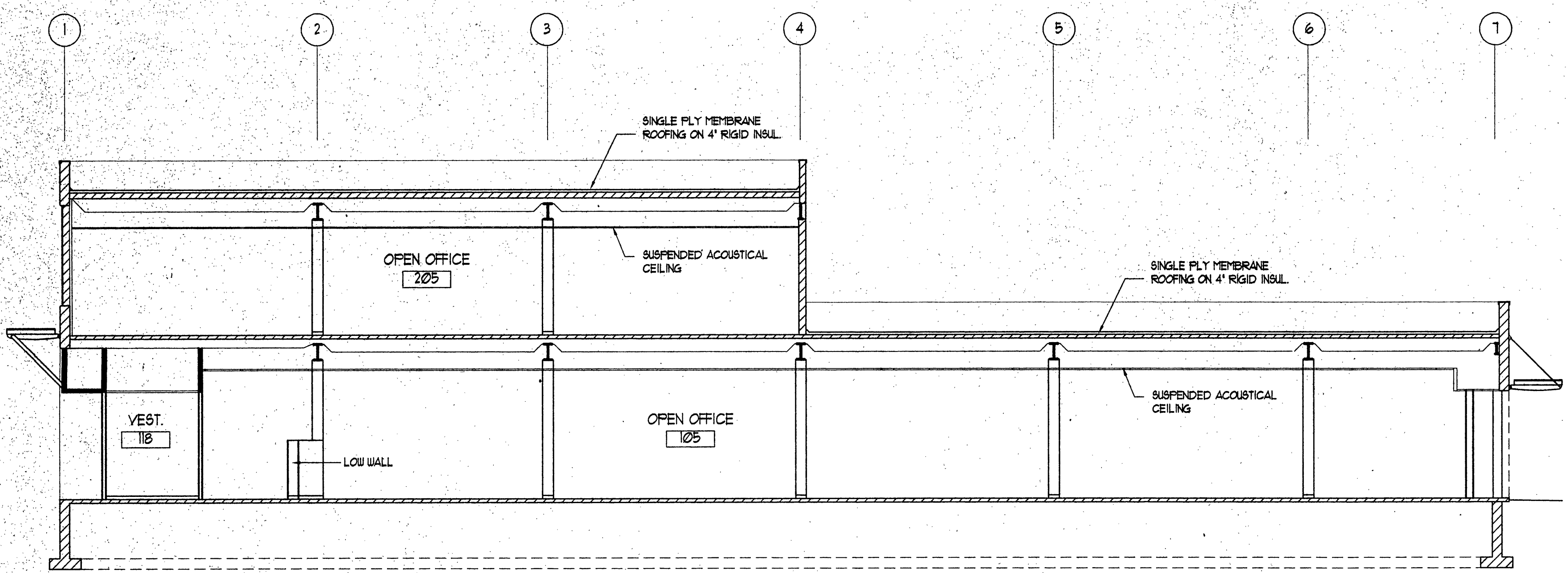
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BUILDING SECTIONS

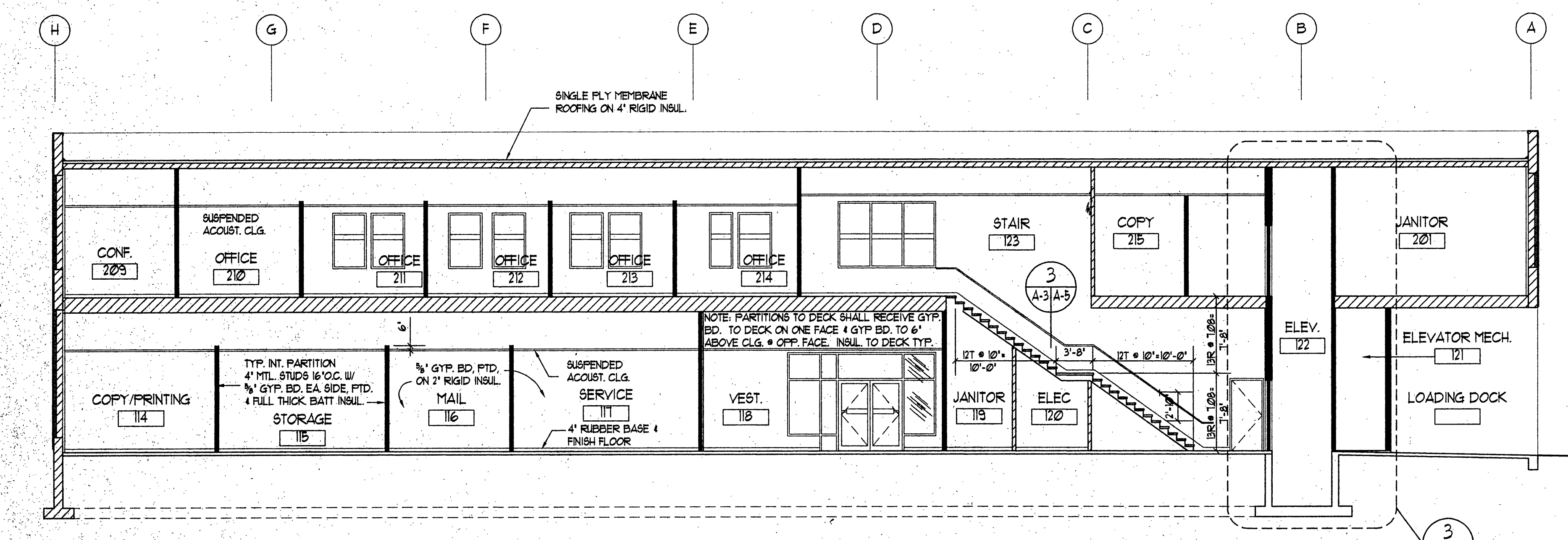
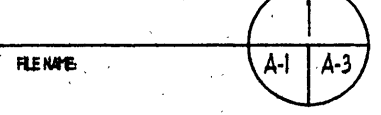
**A-3**

SHEET OF



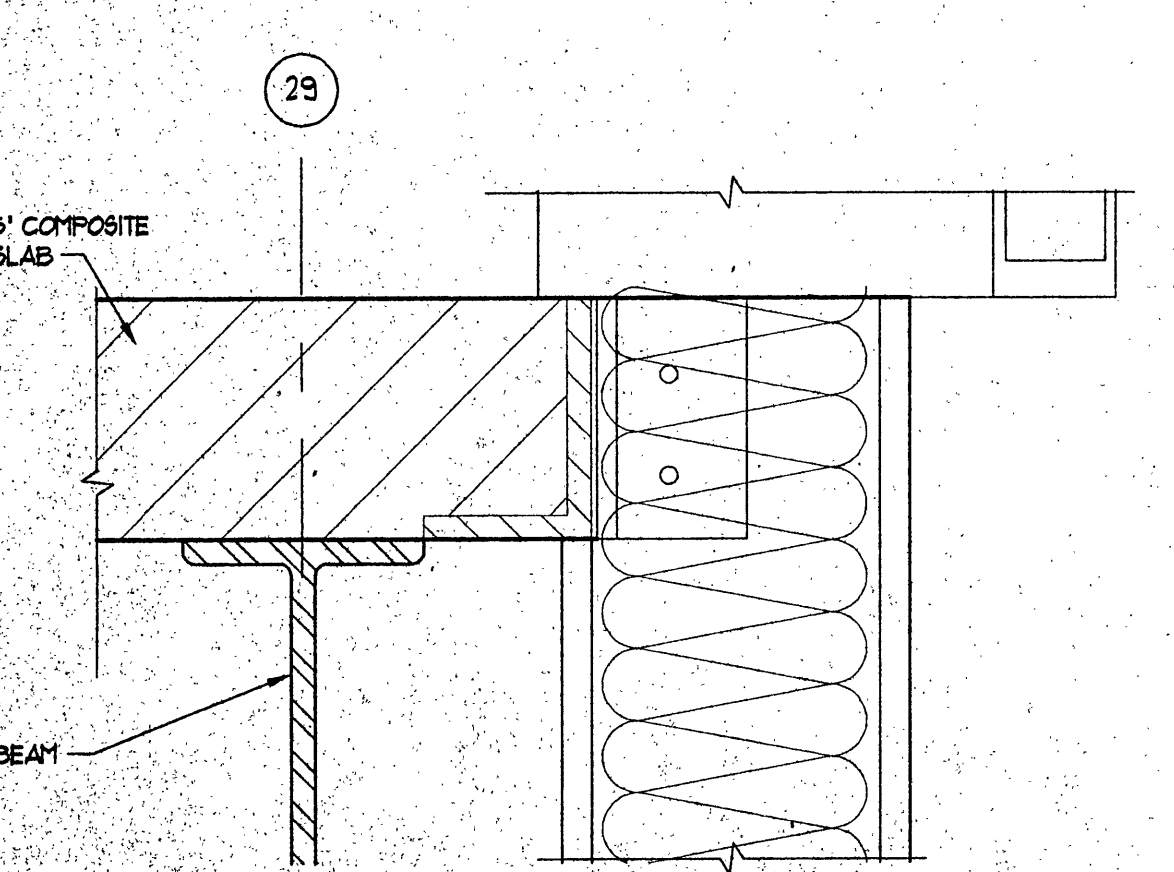
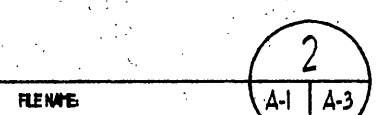
BUILDING SECTION

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



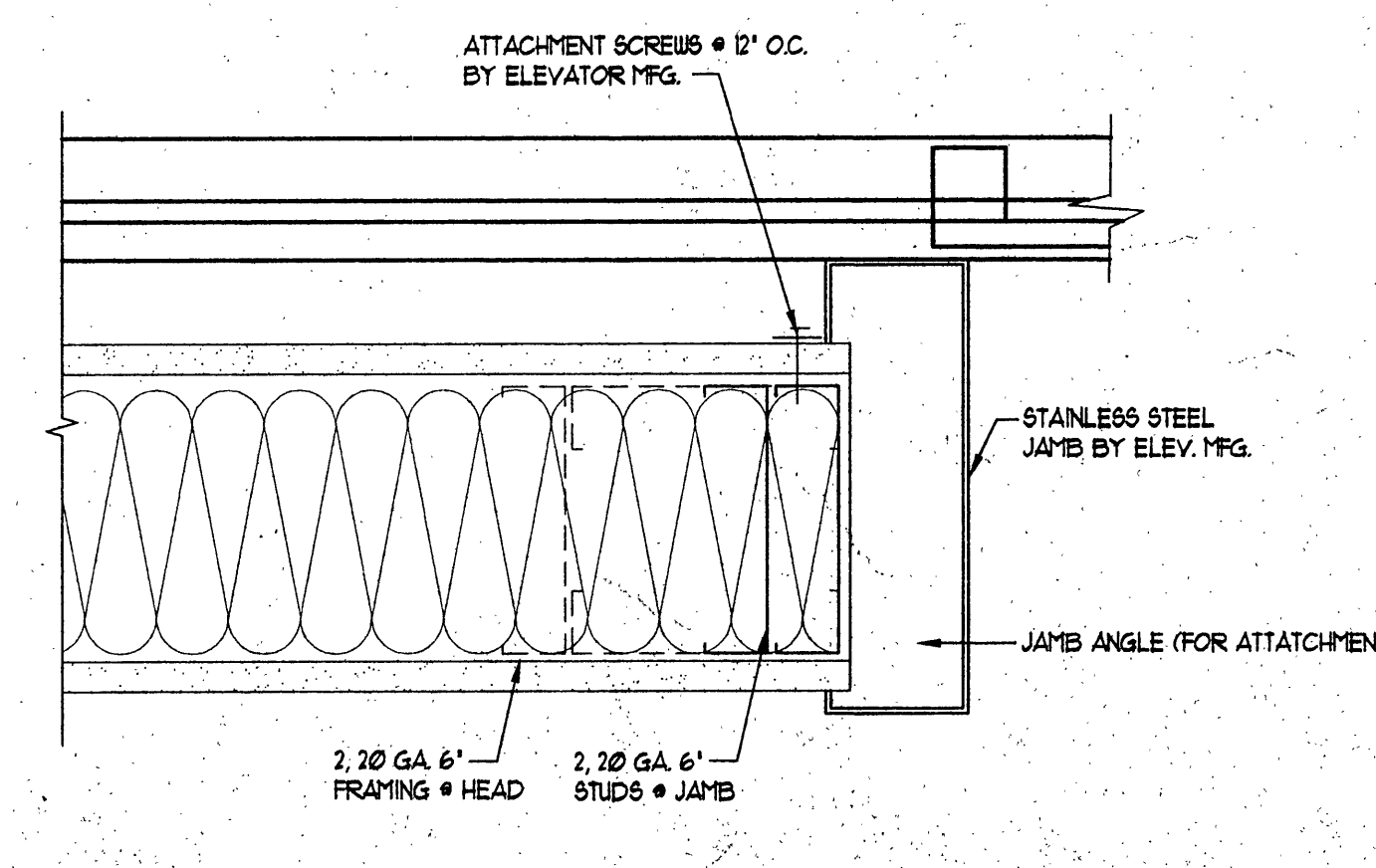
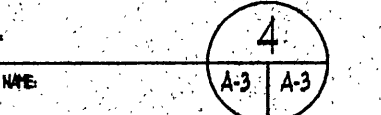
BUILDING SECTION

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



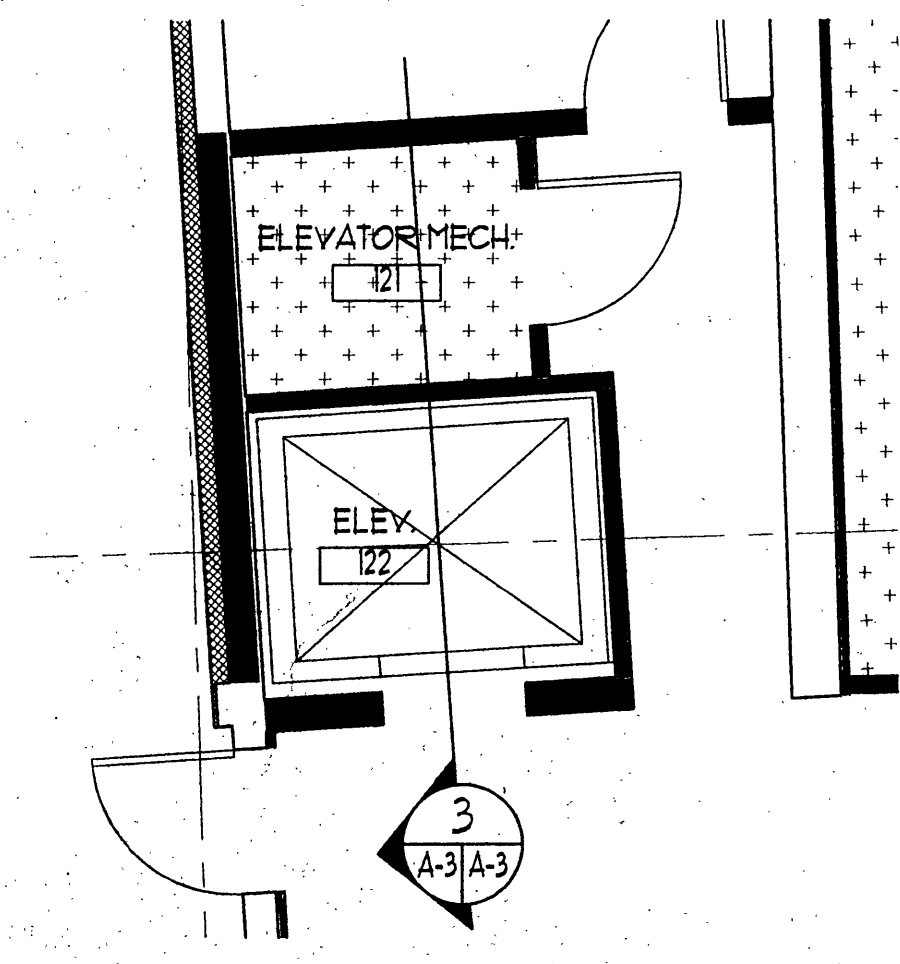
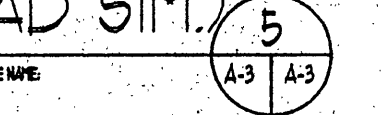
ELEVATOR FLOOR DETAIL

SCALE: 3" = 1'-0"



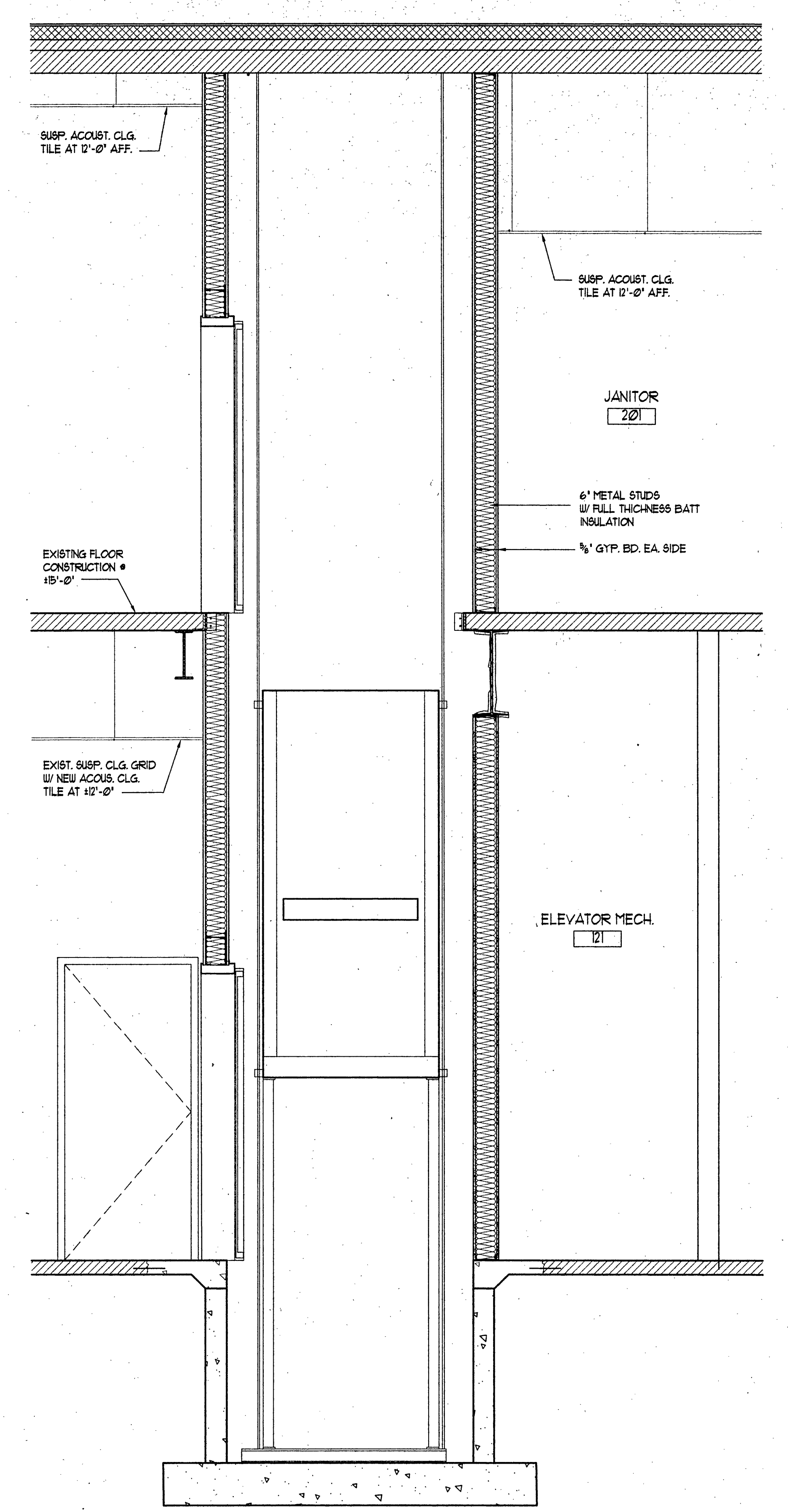
ELEV OPENING JAMB (HEAD SIM.)

SCALE: 3" = 1'-0"



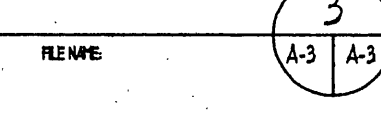
ENLARGED ELEVATOR PLAN

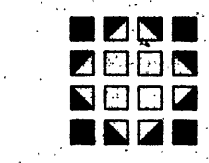
SCALE: 1/4" = 1'-0"



WALL SECTION

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





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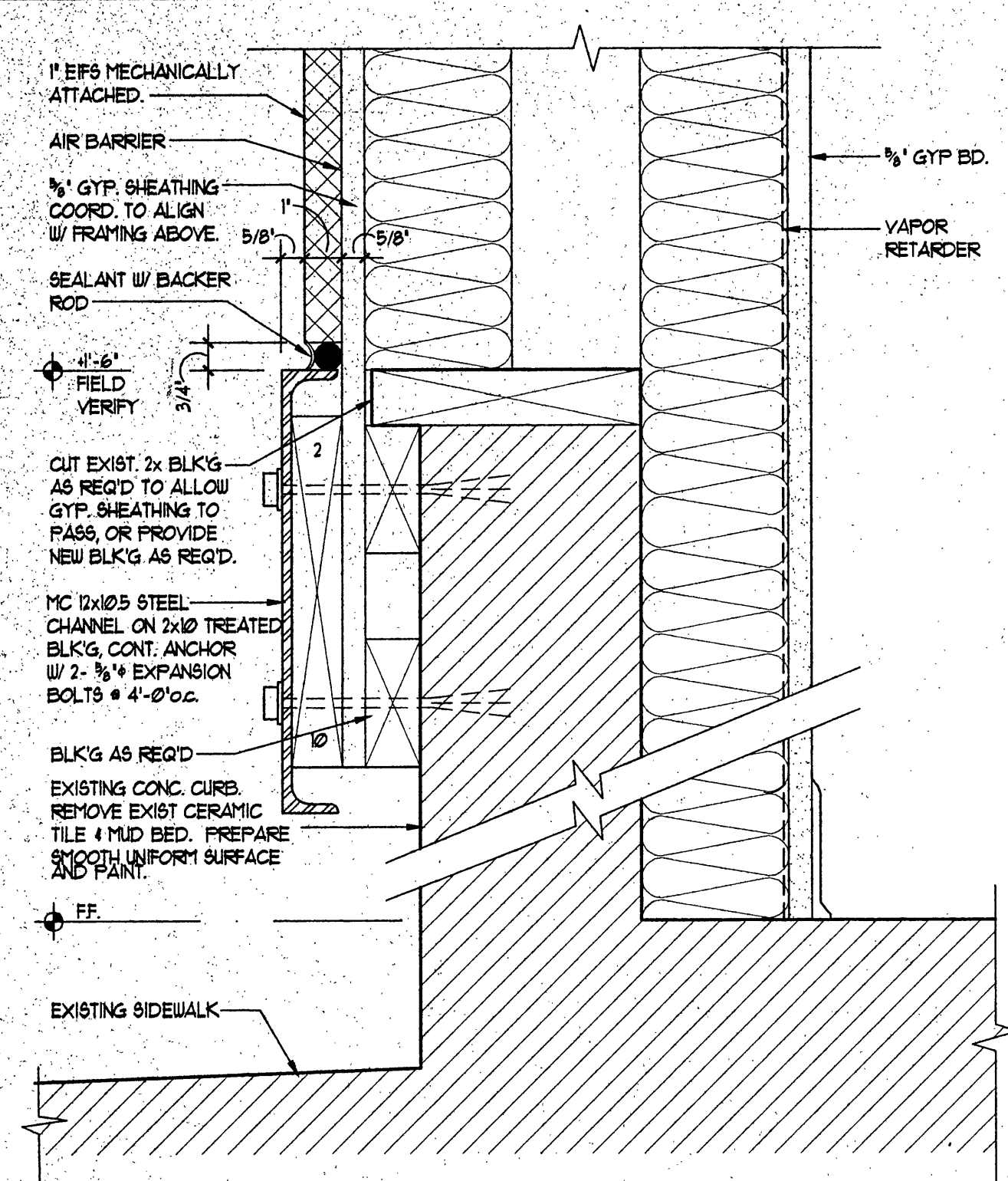


consultants:

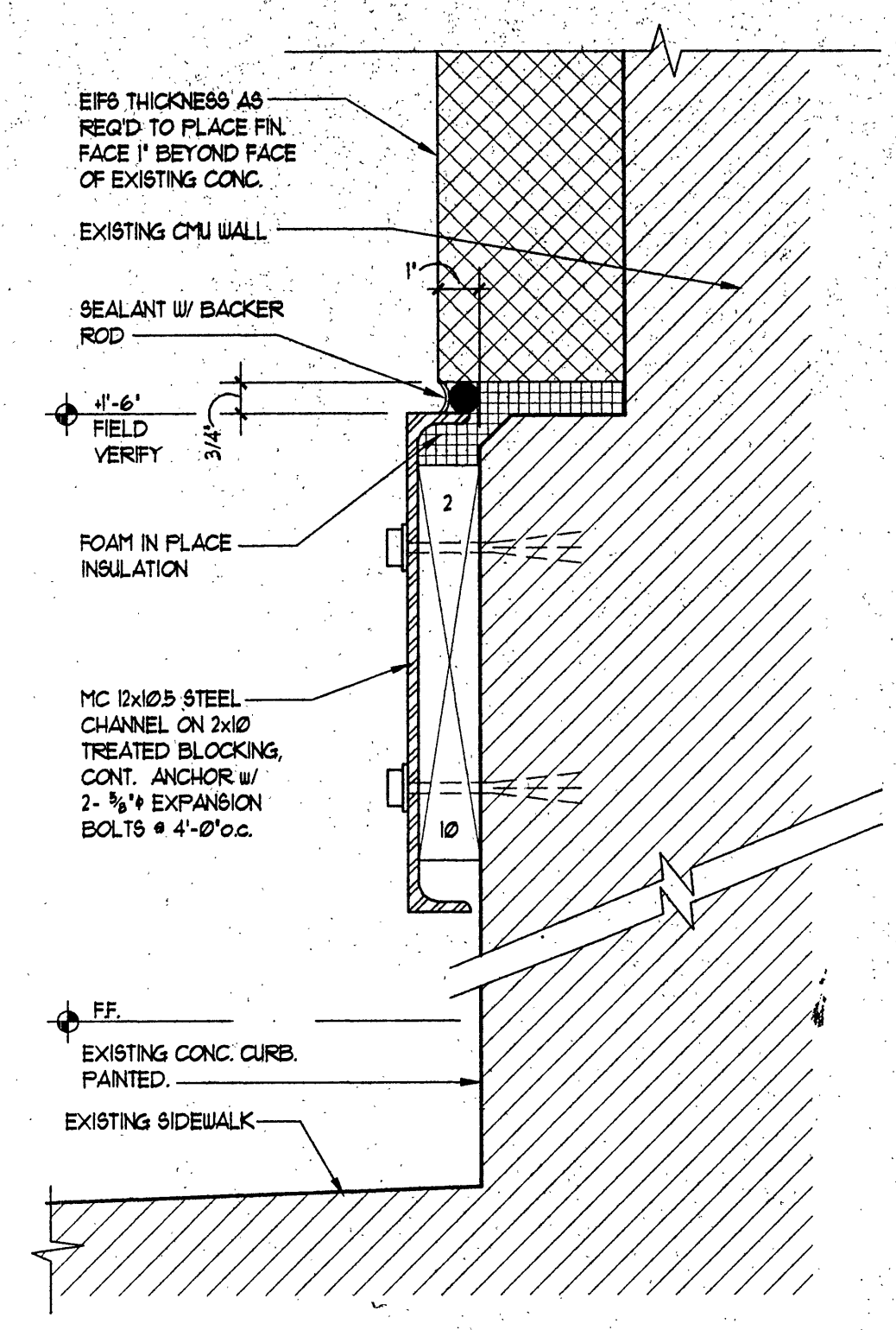
PTI COMMUNICATIONS  
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FAIRBANKS, AK

job no.	
drawn by	JG, TM
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chk'd	TAJ
number	revision date
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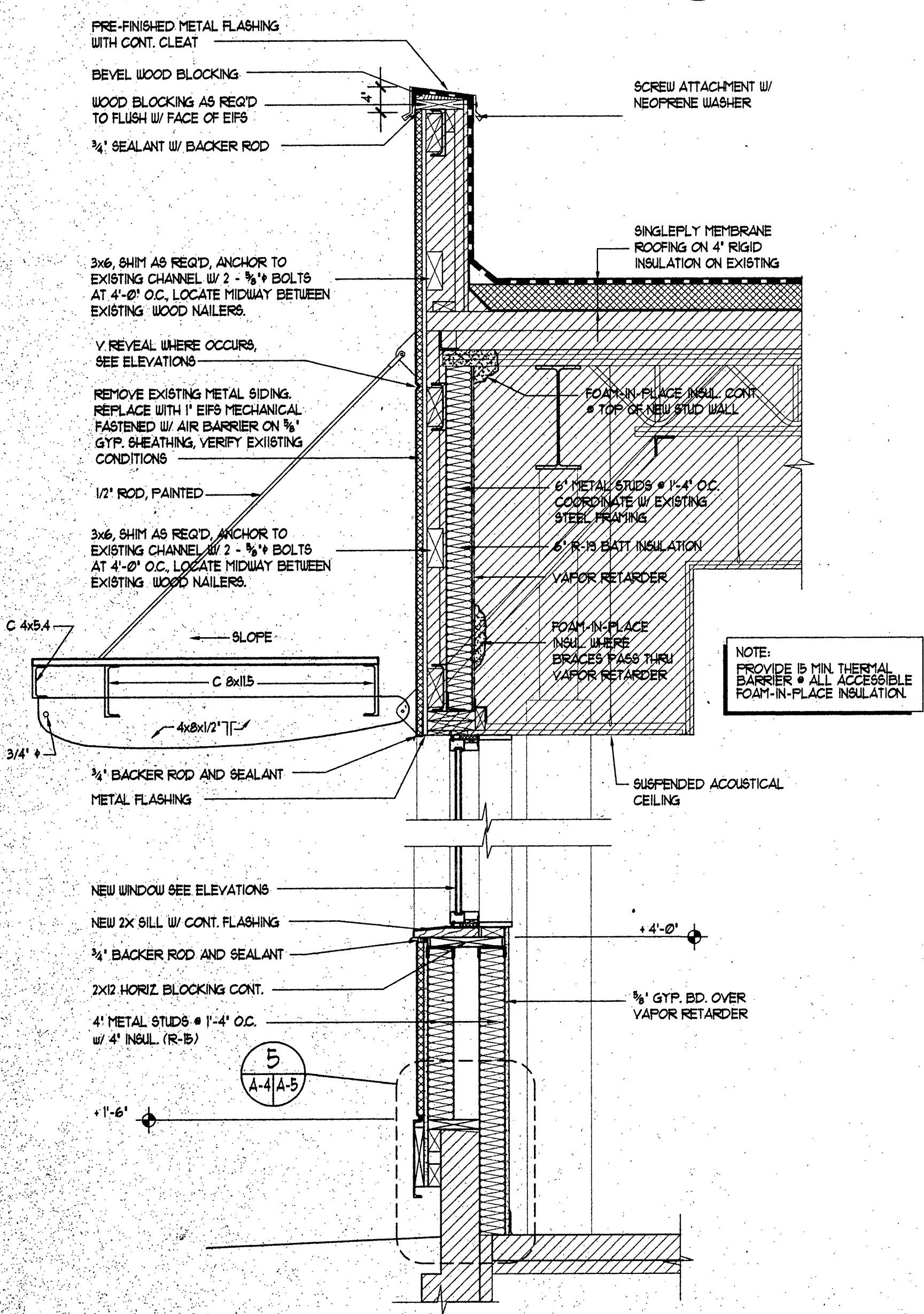
WALL SECTIONS



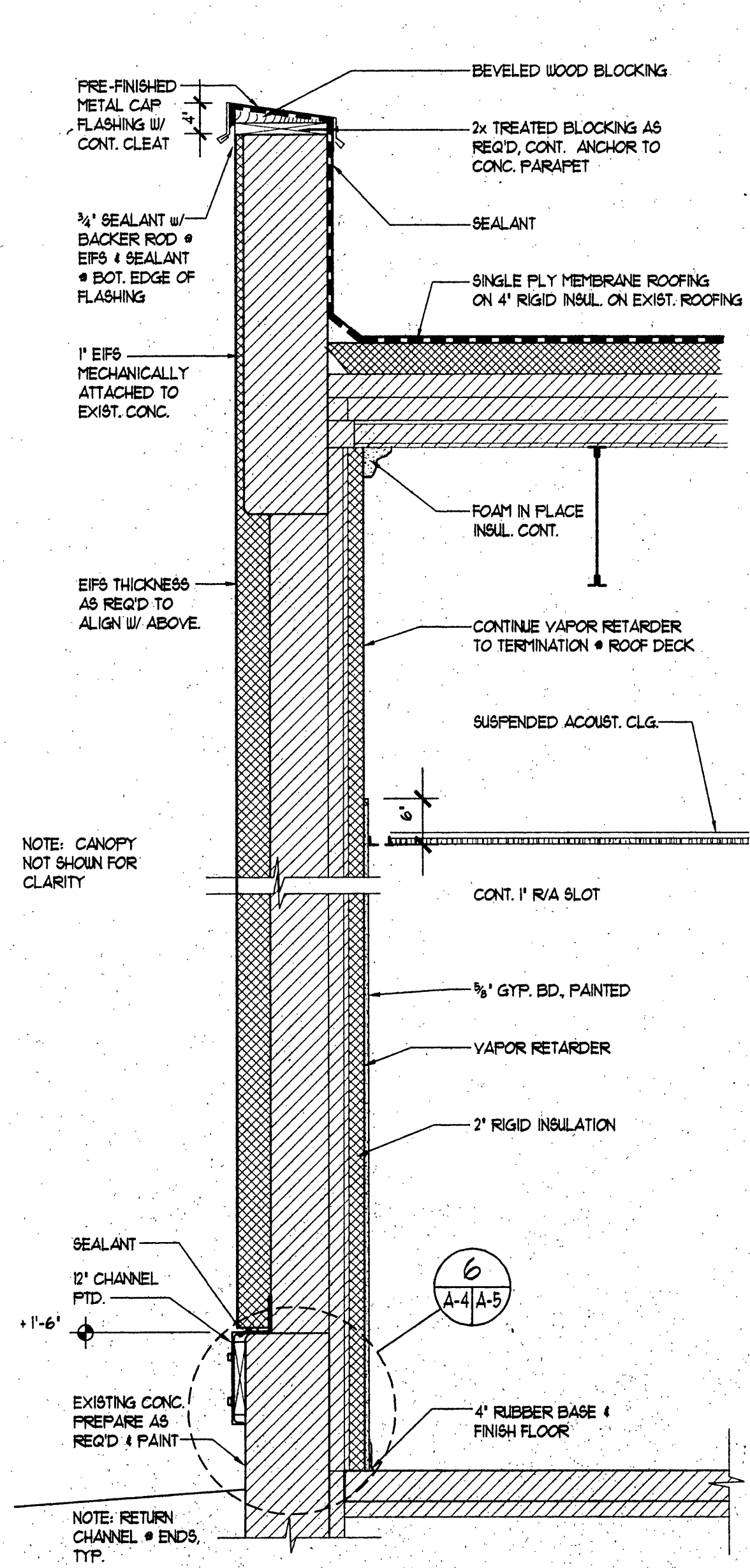
WALL SECTION @ EIFS  
SCALE: 3/4" = 1'-0"  
REVISION: 5  
A-1 | A-4



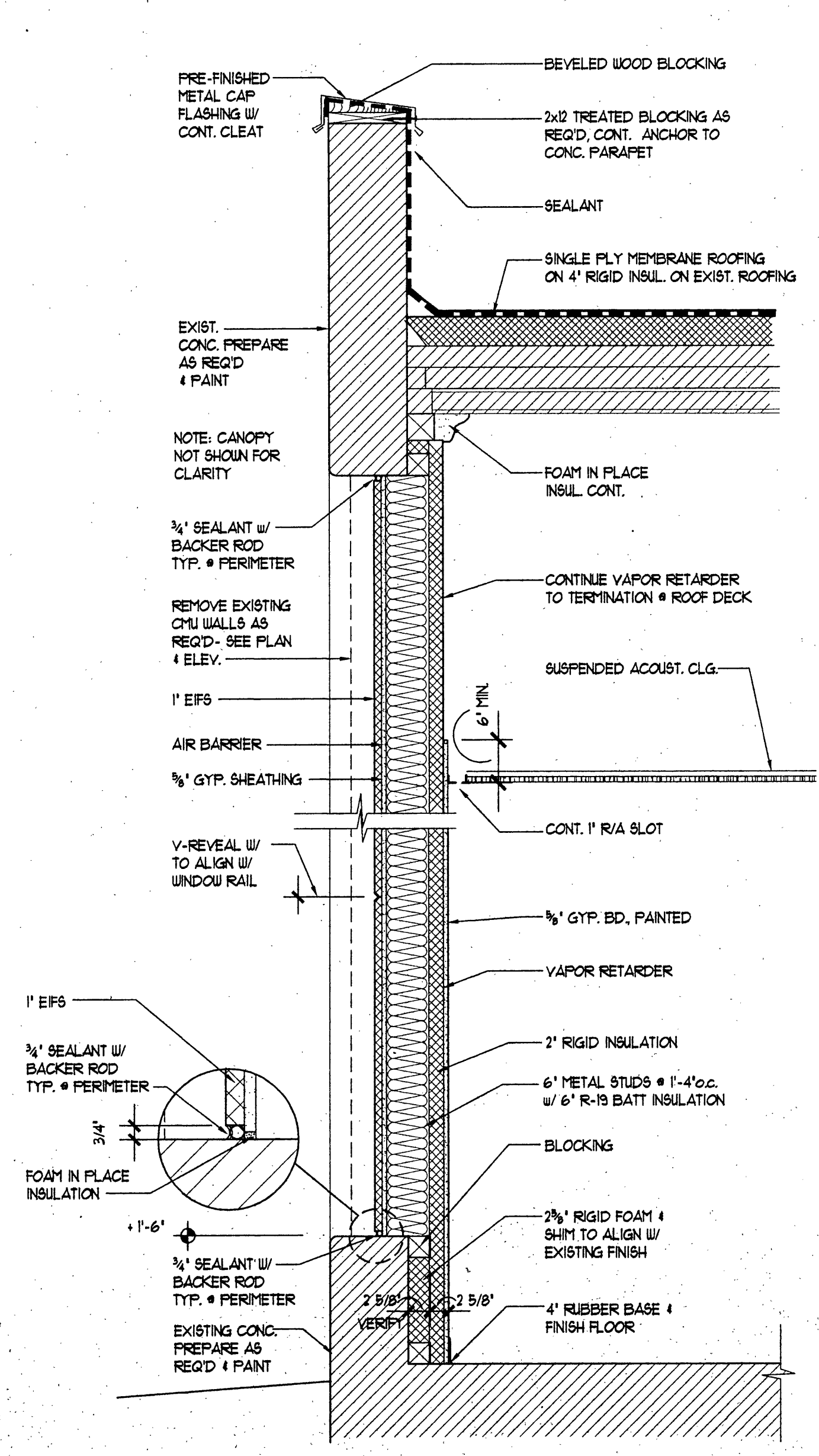
WALL SECTION @ EIFS  
SCALE: 3/4" = 1'-0"  
REVISION: 6  
A-1 | A-4



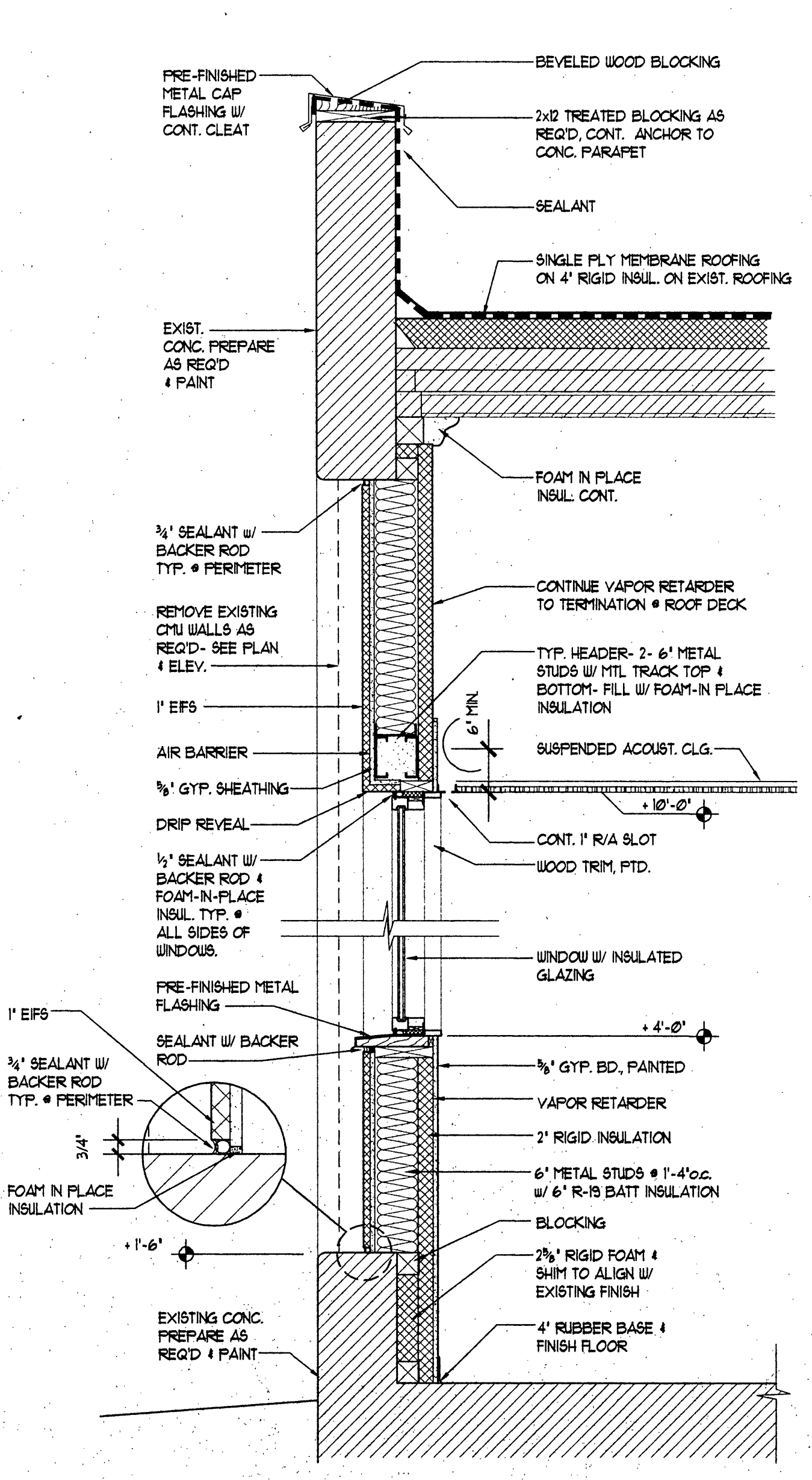
WALL SECTION @ EIFS  
SCALE: 3/4" = 1'-0"  
REVISION: 5  
A-1 | A-4



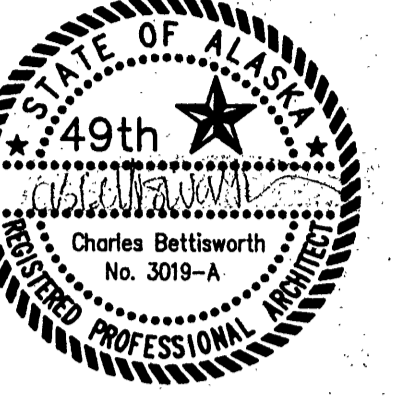
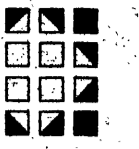
WALL SECTION @ EIFS  
SCALE: 3/4" = 1'-0"  
REVISION: 6  
A-1 | A-4



WALL SECTION @ EIFS  
SCALE: 3/4" = 1'-0"  
REVISION: 3  
A-1 | A-4



EAST WALL SECTION @ SCND FLR  
SCALE: 3/4" = 1'-0"  
REVISION: 4  
A-1 | A-4



consultants:

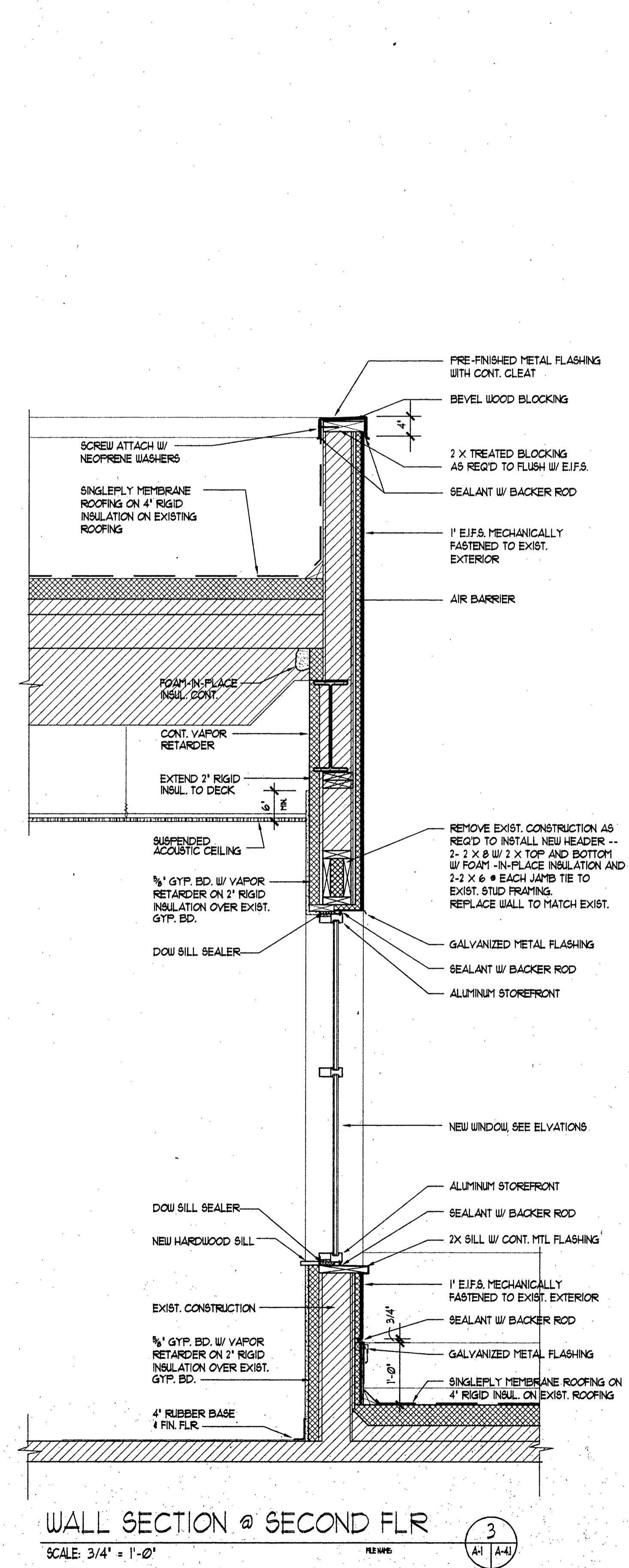
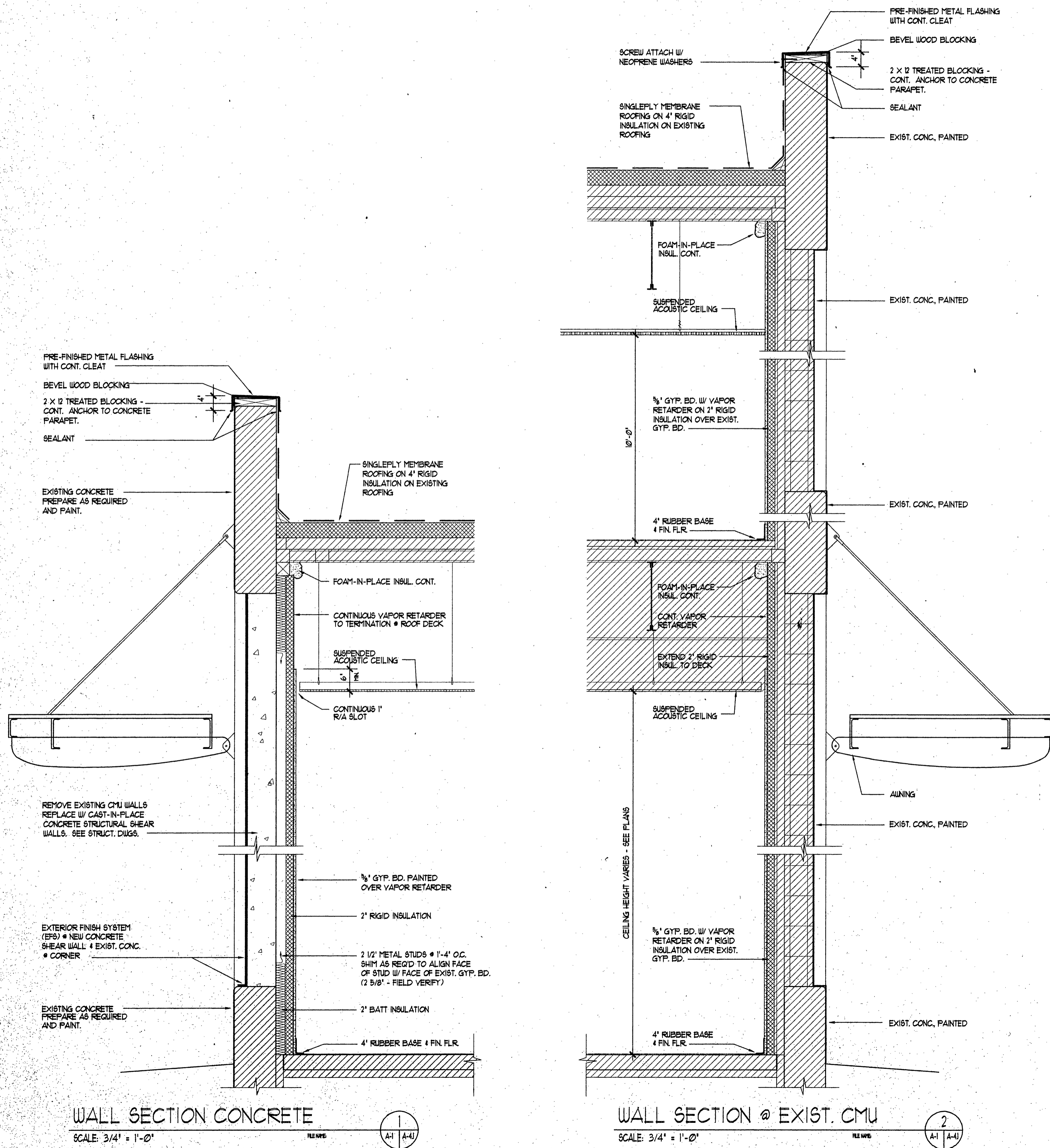
PTI COMMUNICATIONS  
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FAIRBANKS, AK

job no.	
drawn by	JS
date	4/8/98
chk'd	LD
number	revision date
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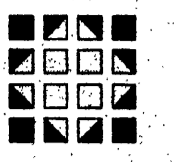
WALL SECTIONS

**A-4.1**

SHEET OF

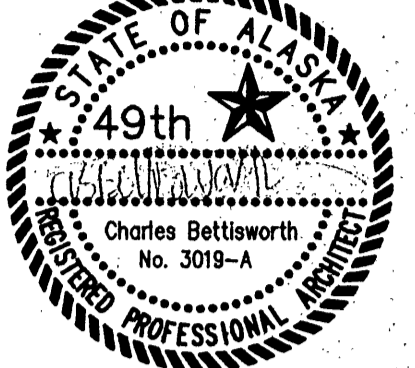






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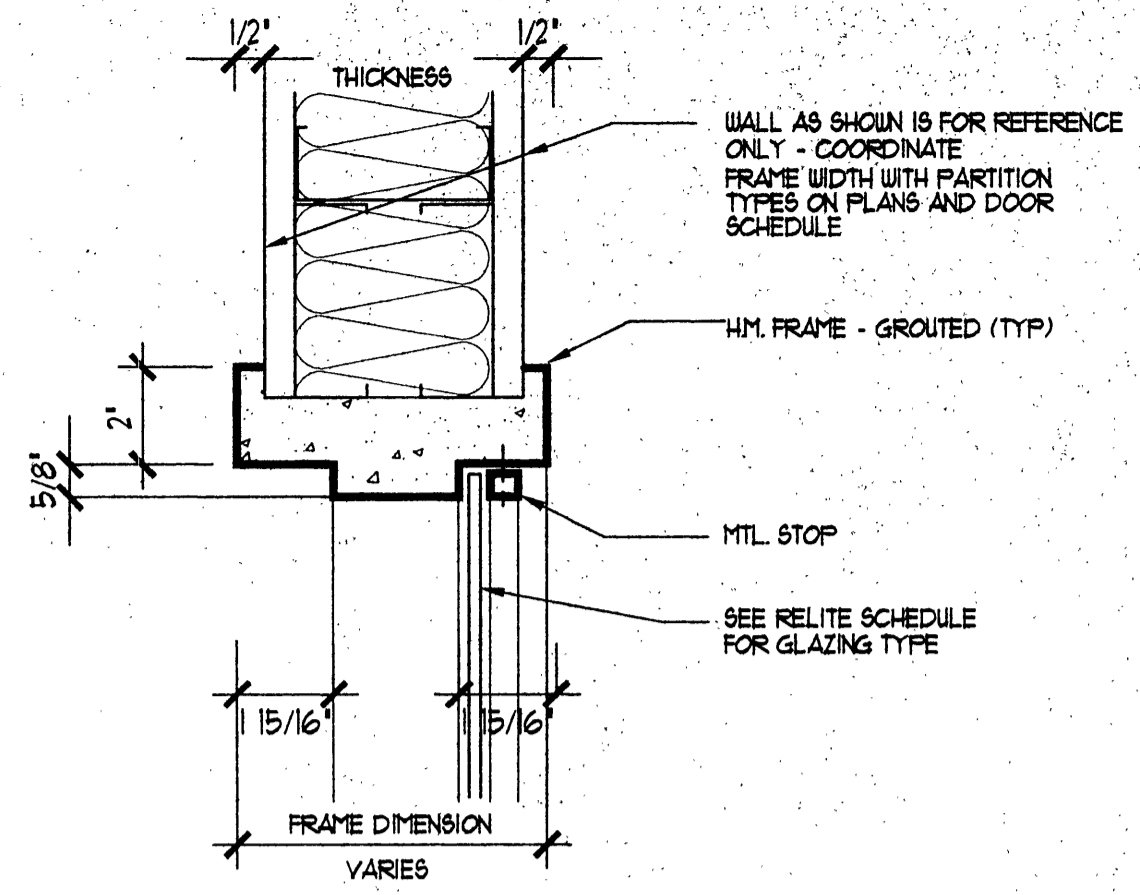
PTI COMMUNICATIONS  
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FAIRBANKS, AK

job no.	
drawn by	JS/BJW
date	4/8/98
chk'd	LD
number	revision date
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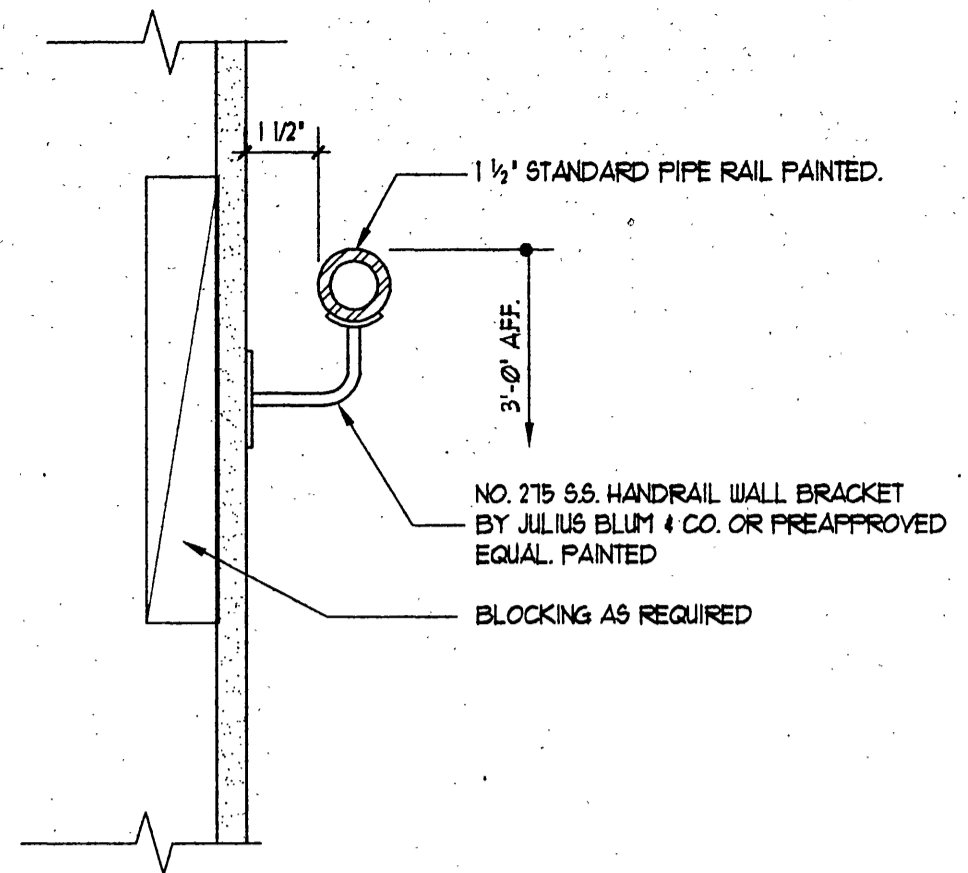
**DETAILS &  
INTERIOR ELEVATIONS**

**A-5**

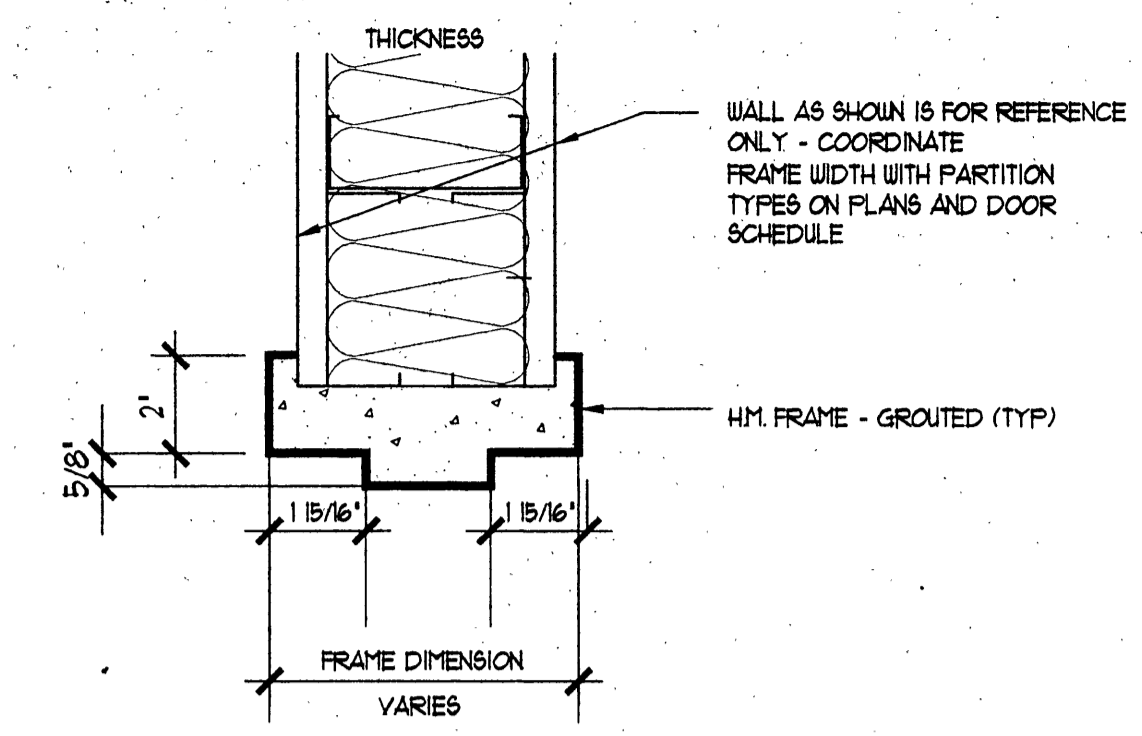
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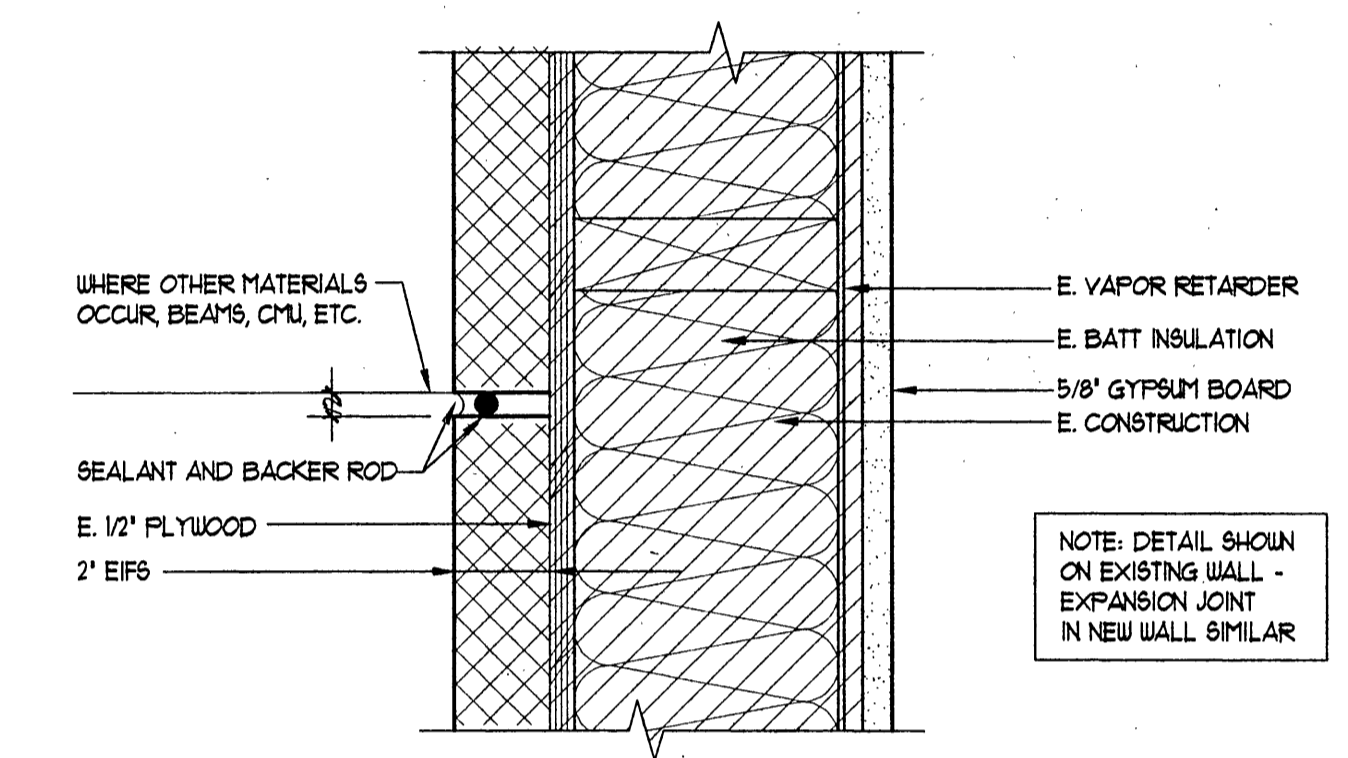
WINDOW HEAD DETAIL  
SCALE: 3" = 1'-0"  
REVISE (2) A-1 A-5



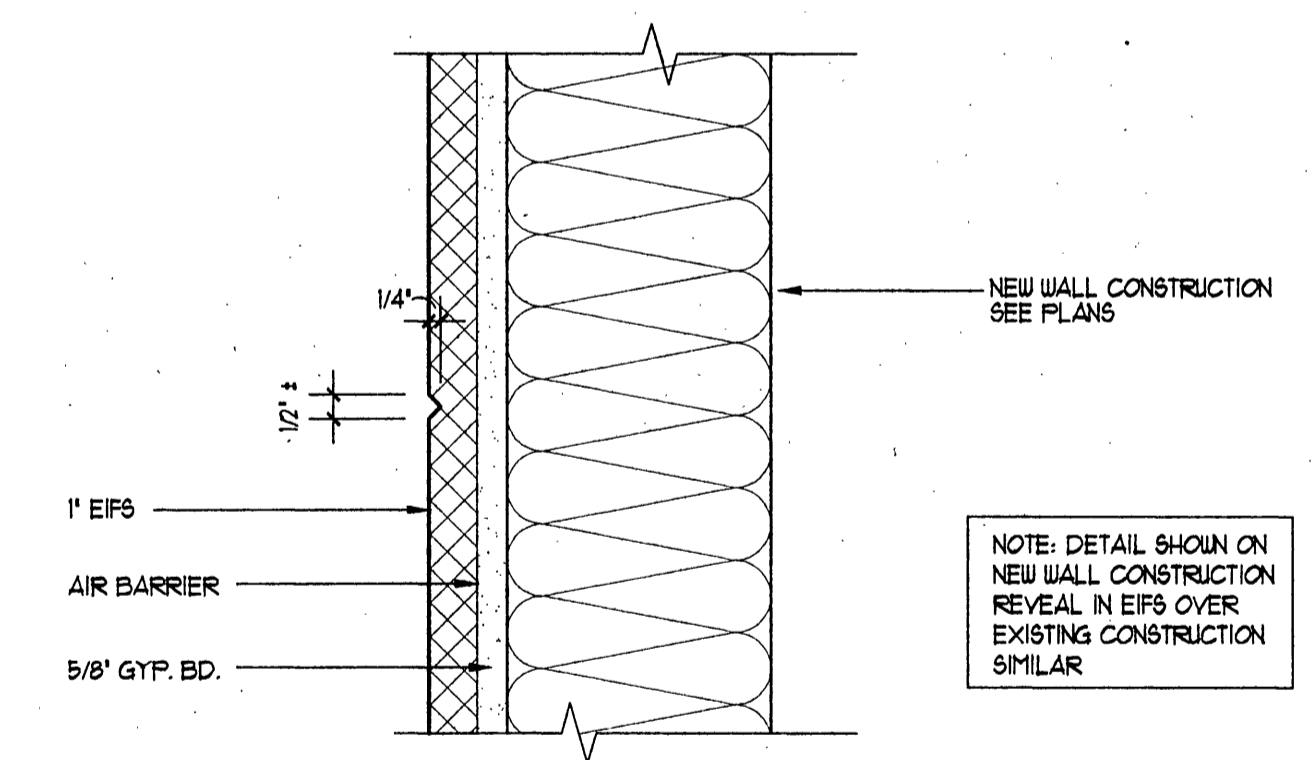
TYPICAL HANDRAIL DETAIL  
SCALE: 3" = 1'-0"  
REVISE (3) A-1 A-5



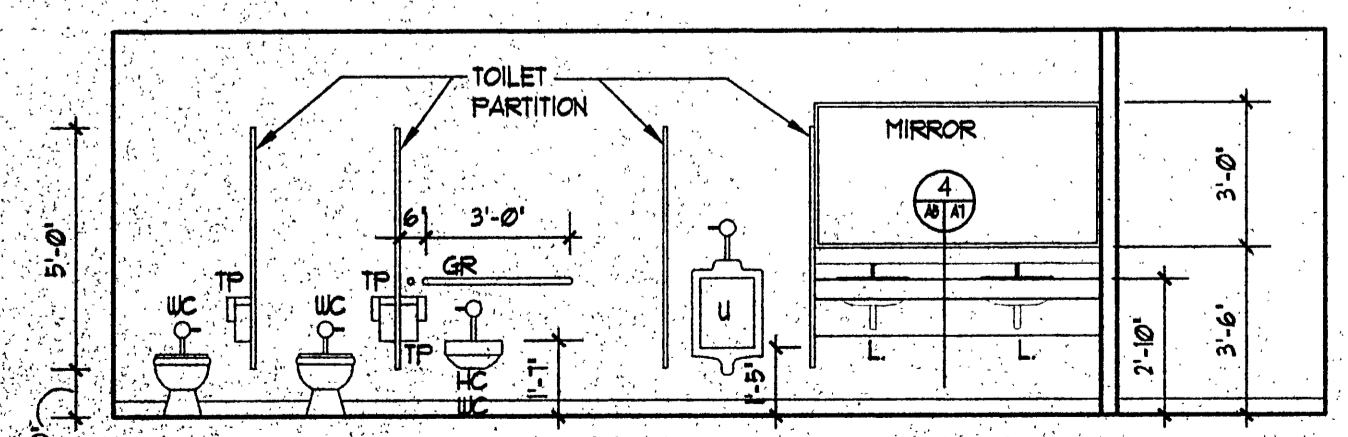
DOOR HEAD DETAIL  
SCALE: 3" = 1'-0"  
REVISE (4) A-1 A-5



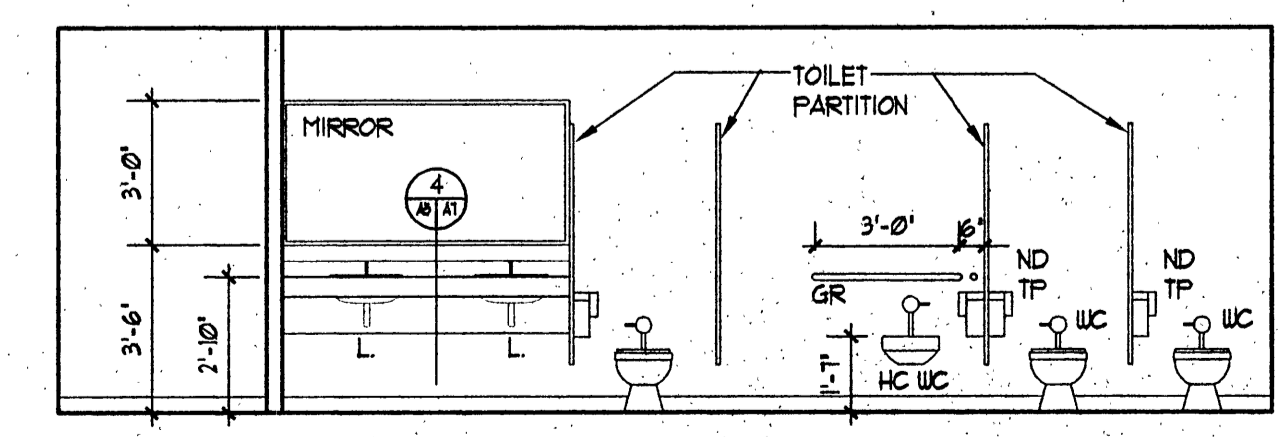
EIFS EXPANSION JOINT  
SCALE: 3" = 1'-0"  
REVISE (5) A-1 A-5



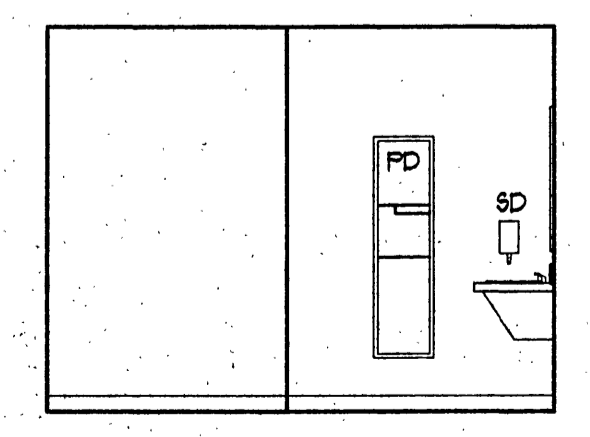
CONTROL JOINT / 'V' REVEAL  
SCALE: 3" = 1'-0"  
REVISE (6) A-1 A-5



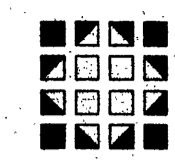
TOILET ROOM 100 ELEVATION  
SCALE: 1/4" = 1'-0"  
REVISE (A-1) A-5



TOILET ROOM 101 ELEVATION  
SCALE: 1/4" = 1'-0"  
REVISE (A-1) A-5



TOILET ROOMS 117 & 118 ELEVATION  
SCALE: 1/4" = 1'-0"  
REVISE (A-1) A-5



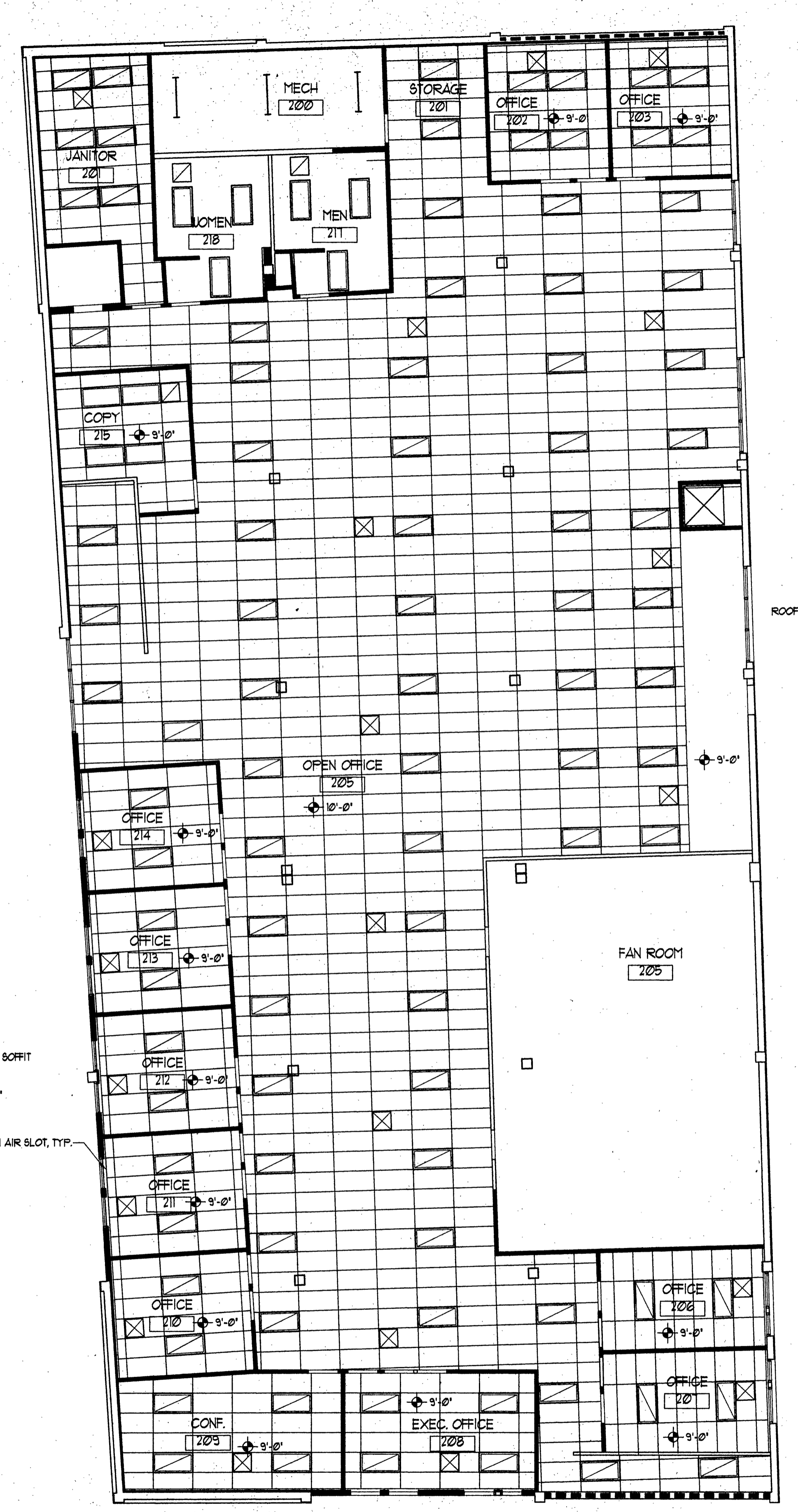
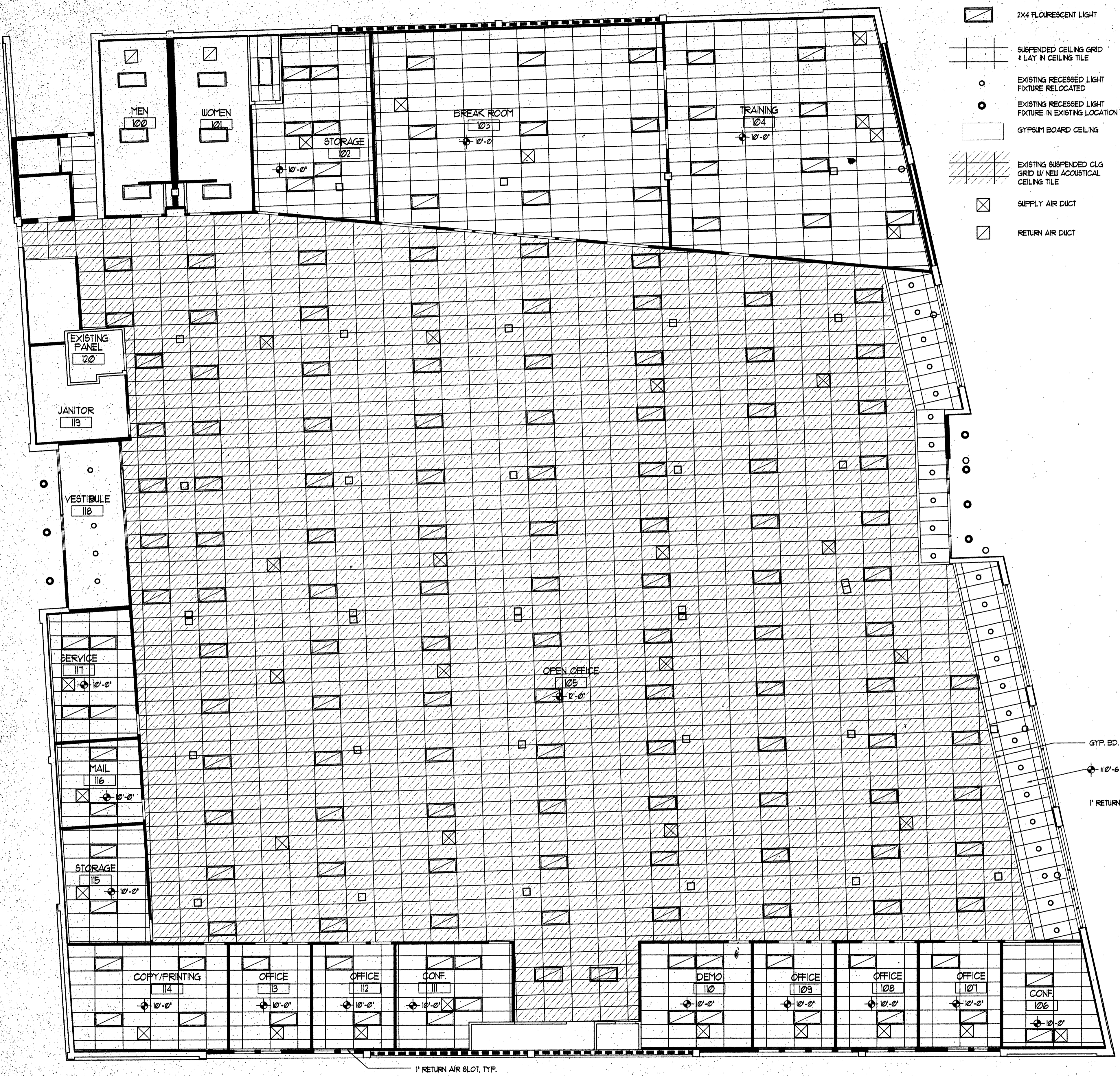
consultants:

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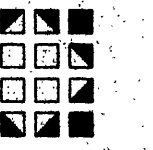
REFLECTED  
 CEILING PLANS

- LEGEND**
- NEW WALL CONSTRUCTION
  - ▭ 2X4 FLOURESCENT LIGHT
  - SUSPENDED CEILING GRID 4 LAY IN CEILING TILE
  - EXISTING RECESSED LIGHT FIXTURE RELOCATED
  - EXISTING RECESSED LIGHT FIXTURE IN EXISTING LOCATION
  - GYPSUM BOARD CEILING
  - ▨ EXISTING SUSPENDED CLG GRID W/ NEW ACOUSTICAL CEILING TILE
  - ⊠ SUPPLY AIR DUCT
  - ⊡ RETURN AIR DUCT



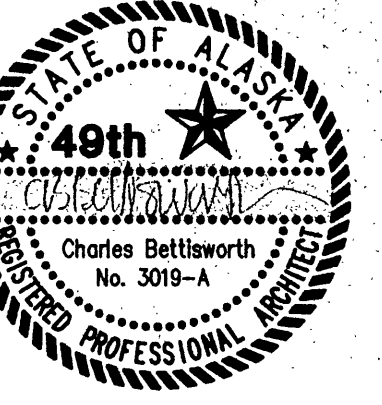
FIRST FLR REFLECTED CEILING PLAN  
 SCALE: 1/8"=1'-0"  
 A-6/A-6  
 PLAN NORTH

SECOND FLR REFLECTED CEILING PLAN  
 SCALE: 1/8"=1'-0"  
 2  
 A-6/A-6  
 PLAN NORTH



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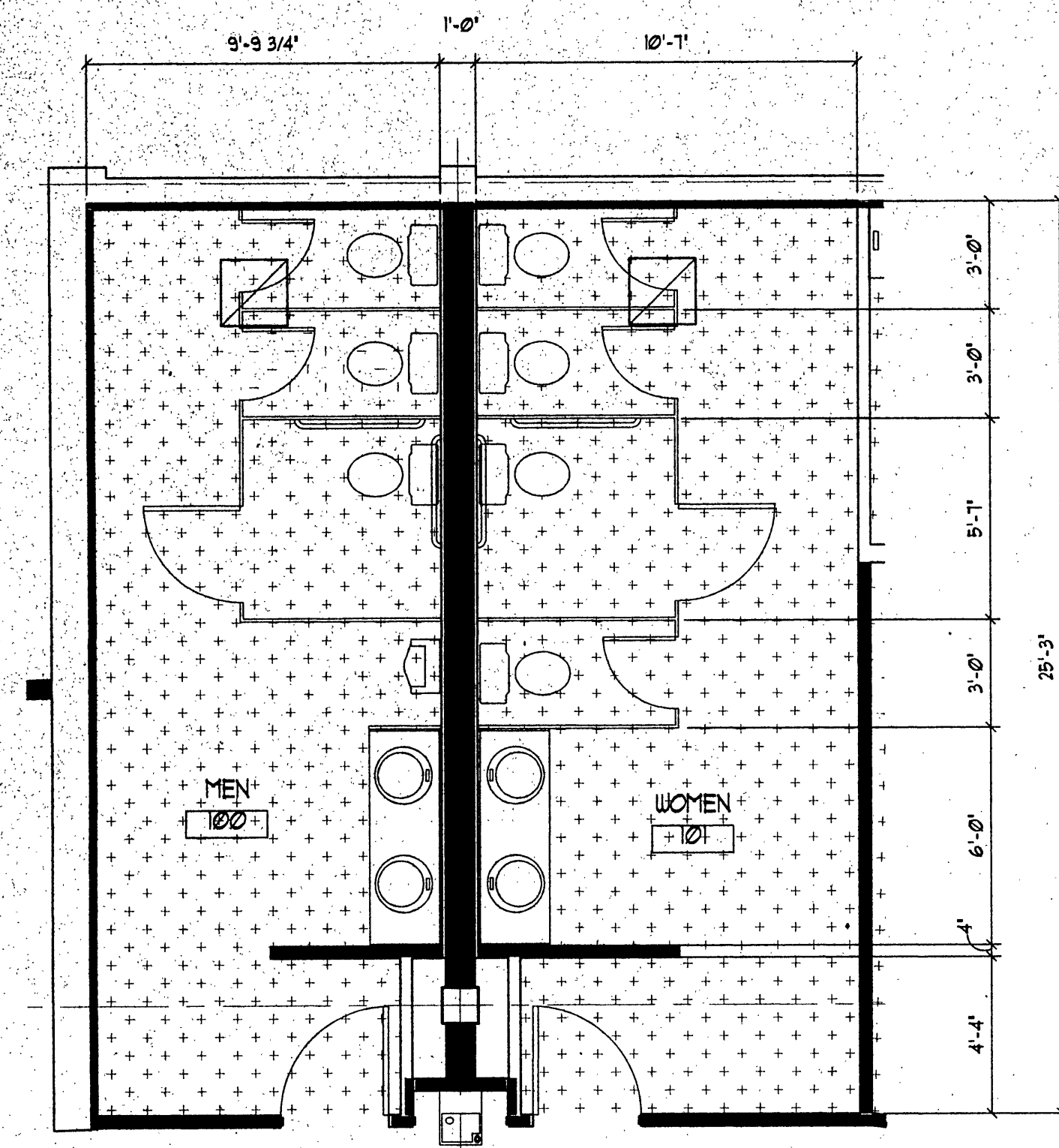
PTI COMMUNICATIONS  
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job no.	
drawn by	BJJ
date	4/8/88
chk'd	TAJ
number	revision date
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▲	
▲	

ENLARGED  
FLOOR PLANS  
DETAILS

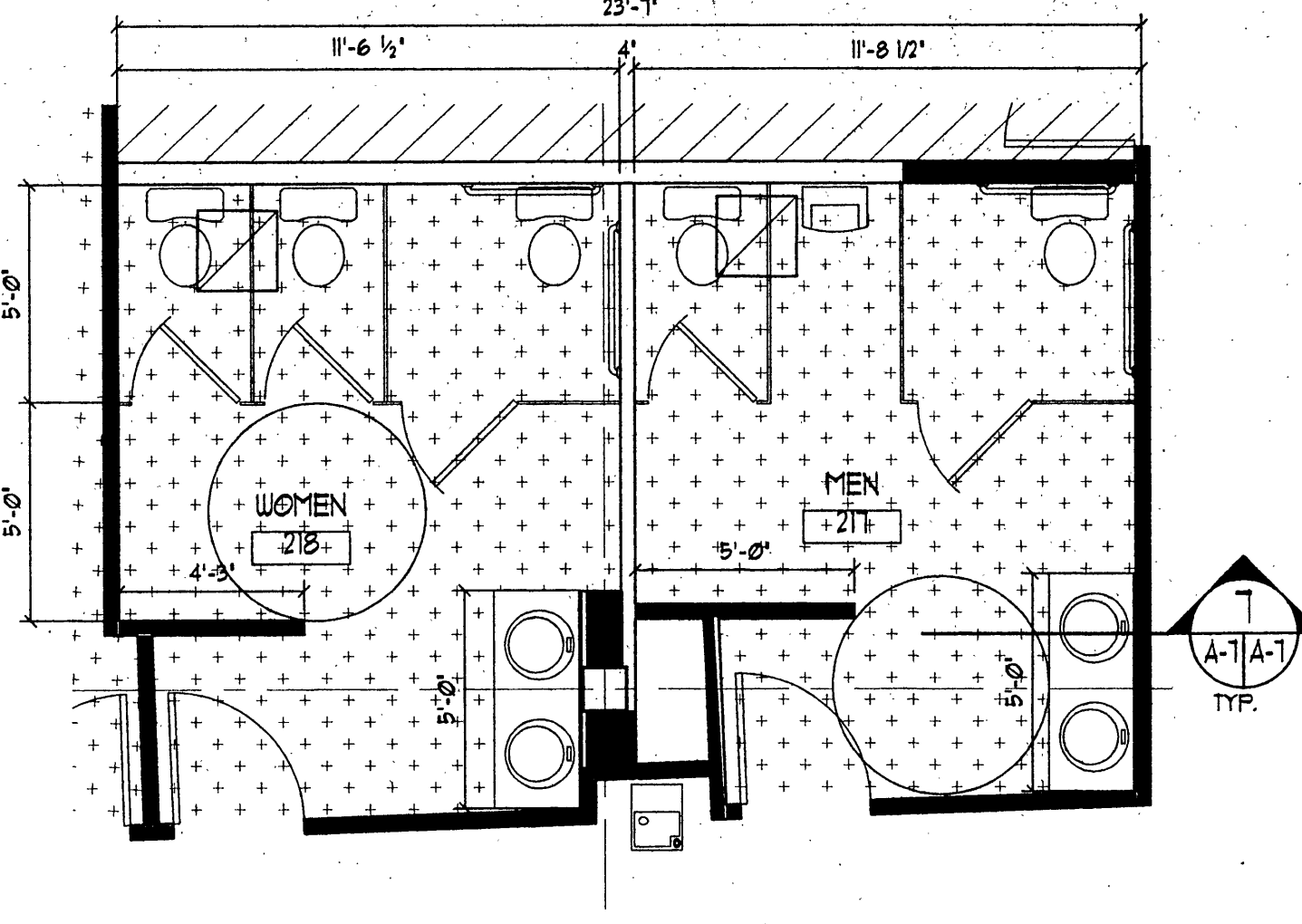
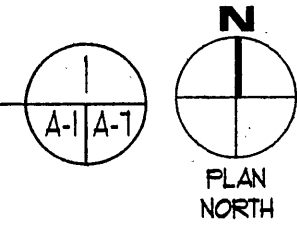
**A-7**

SHEET OF



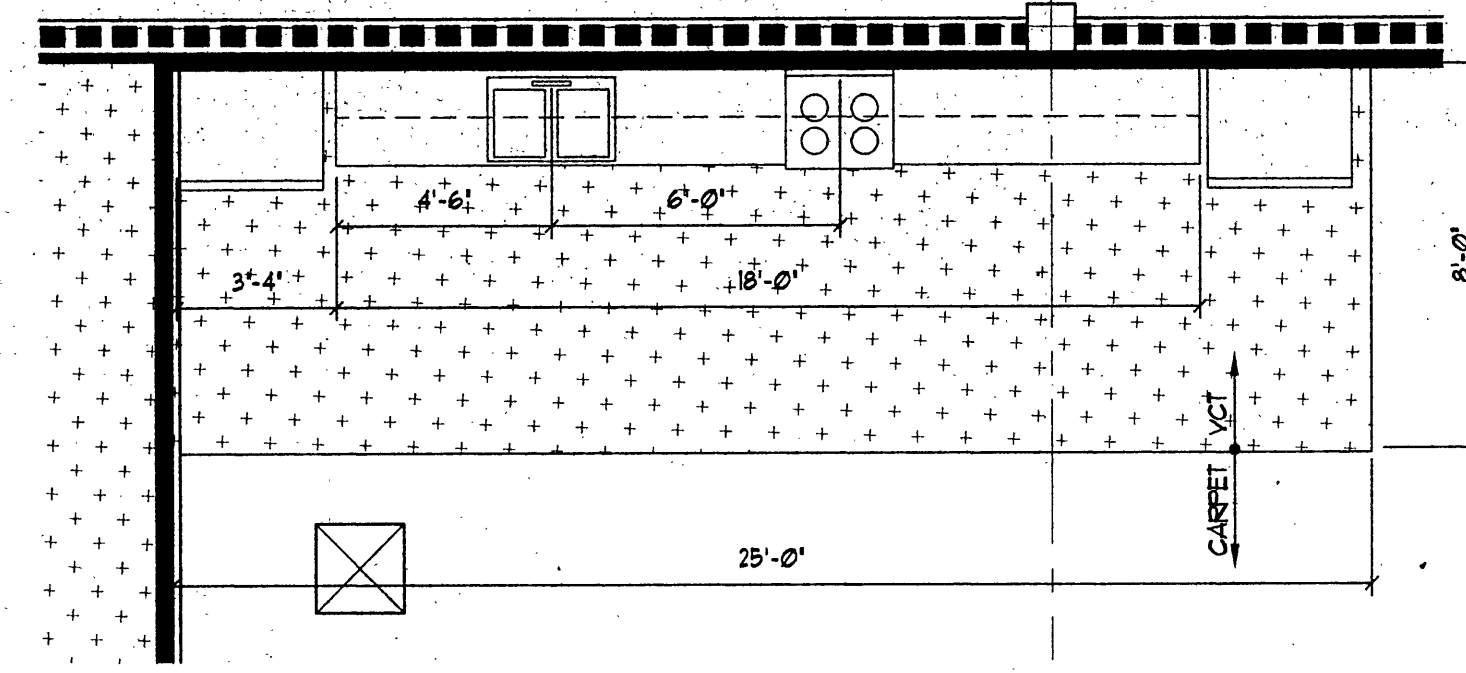
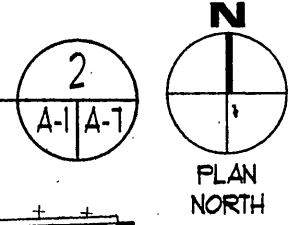
ENLARGED TOILET ROOM PLANS

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



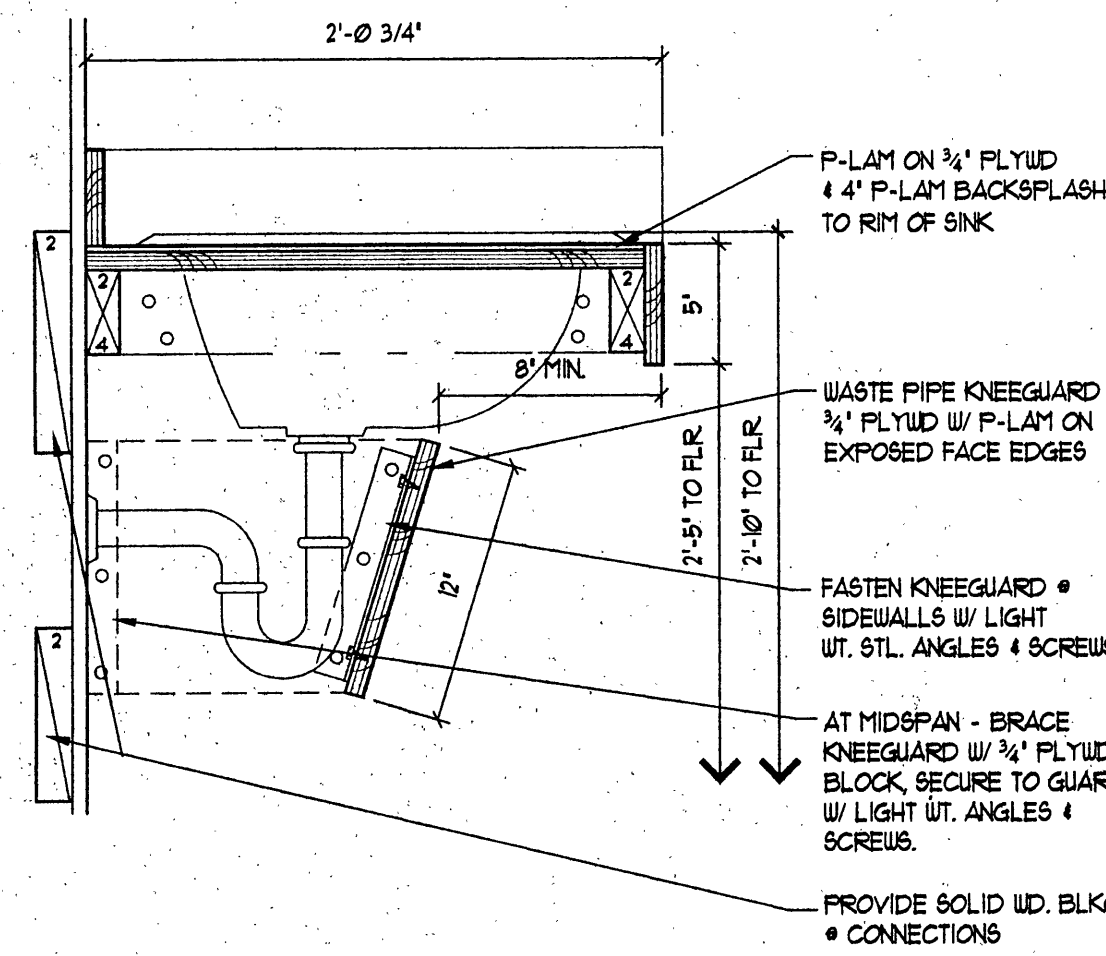
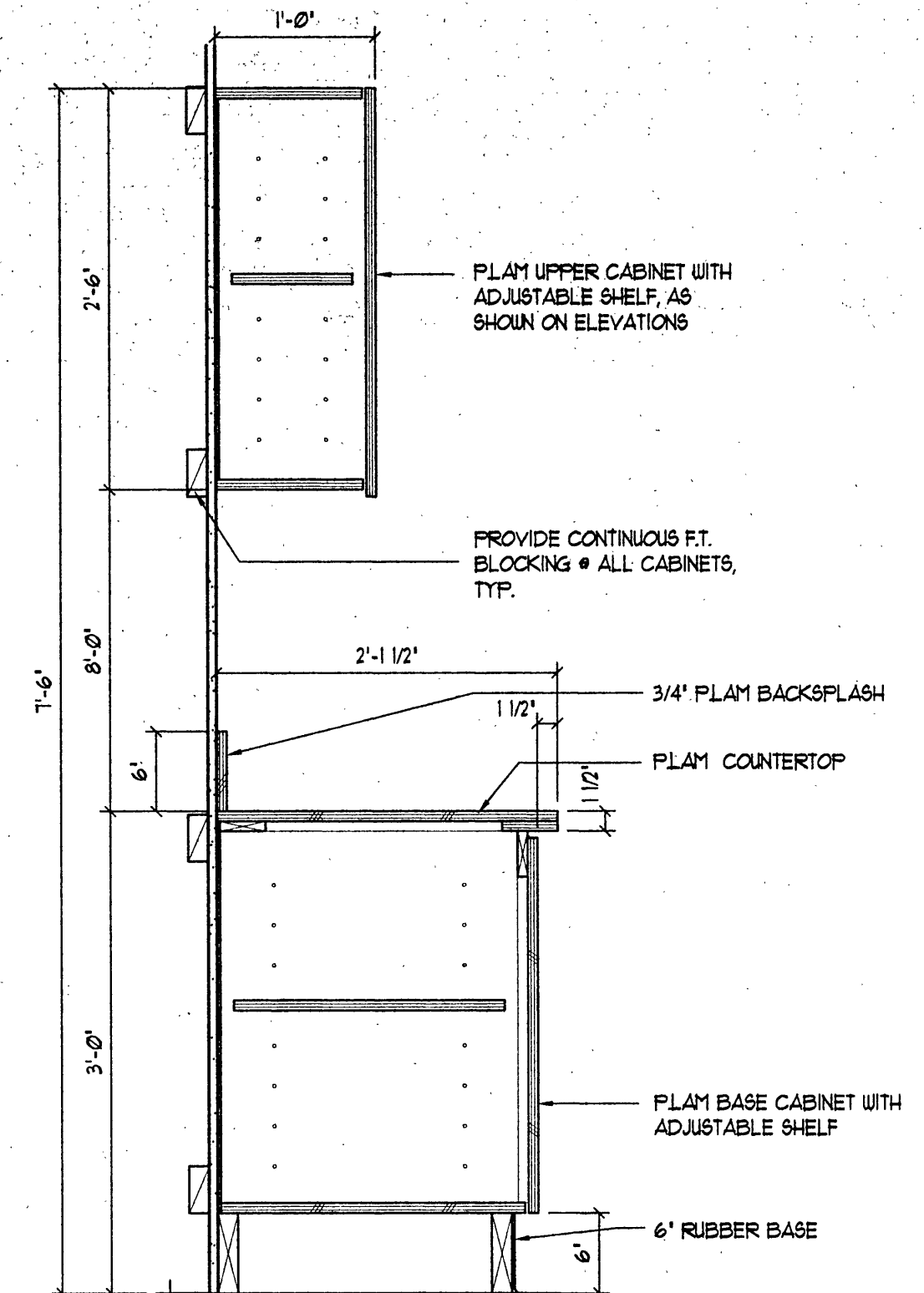
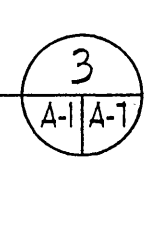
ENLARGED TOILET ROOM PLANS

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



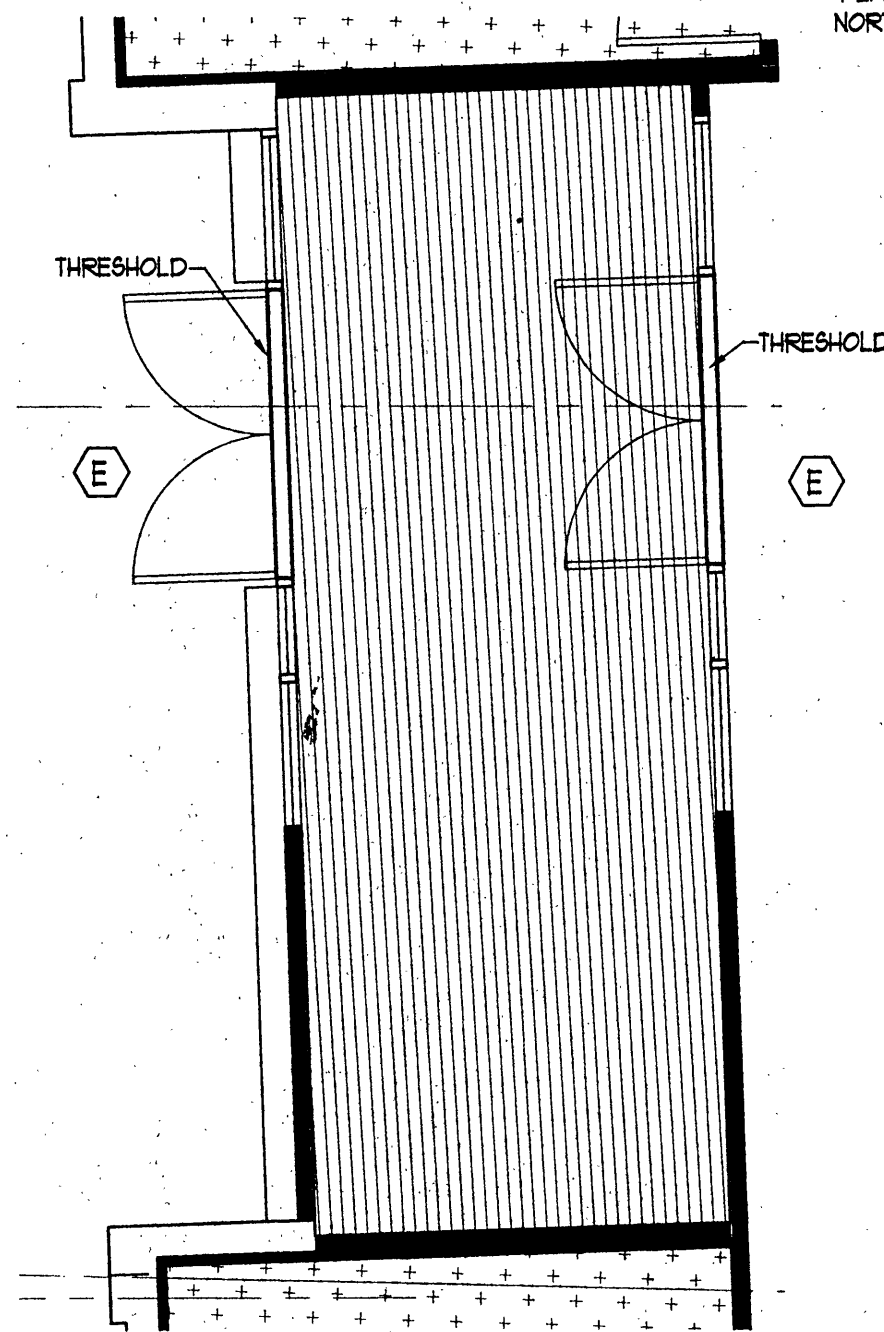
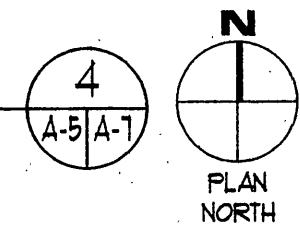
ENLARGED BREAK ROOM PLAN

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



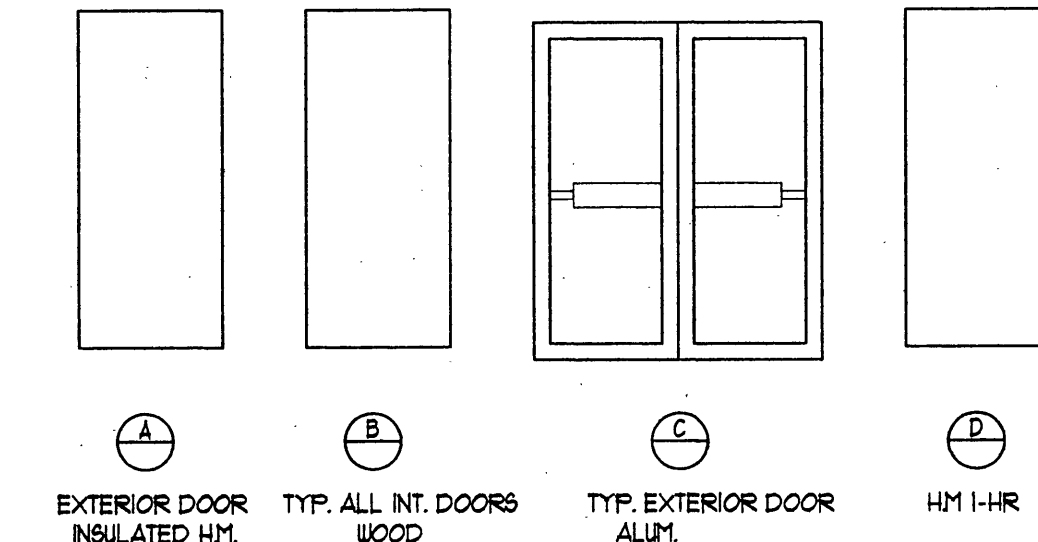
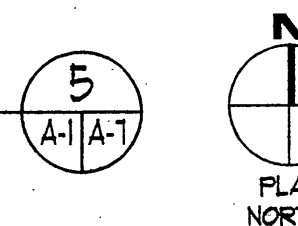
LAVATORY COUNTER

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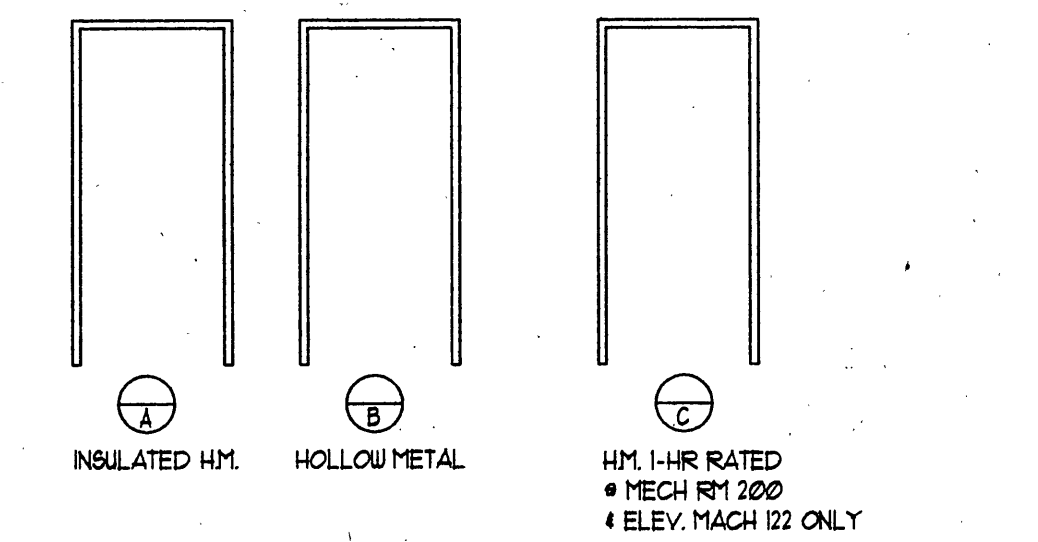


ENLARGED ENTRY PLAN

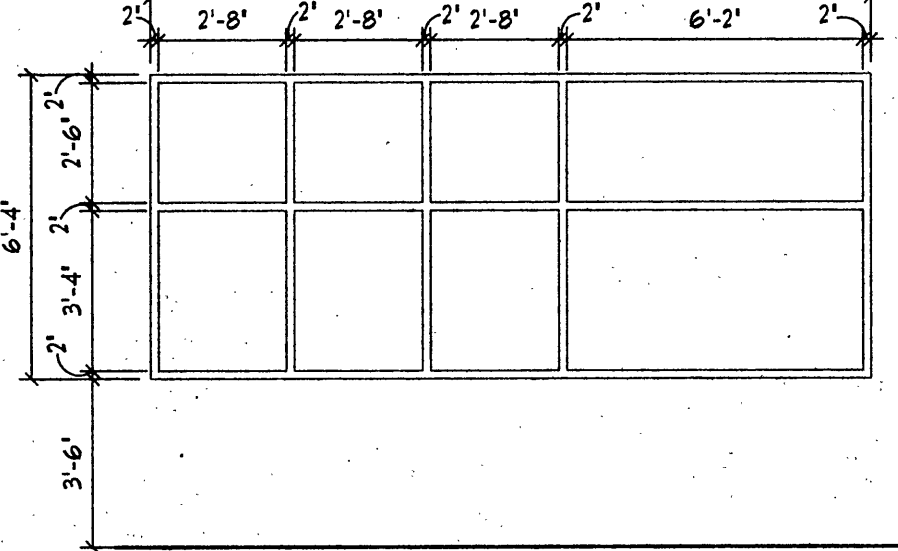
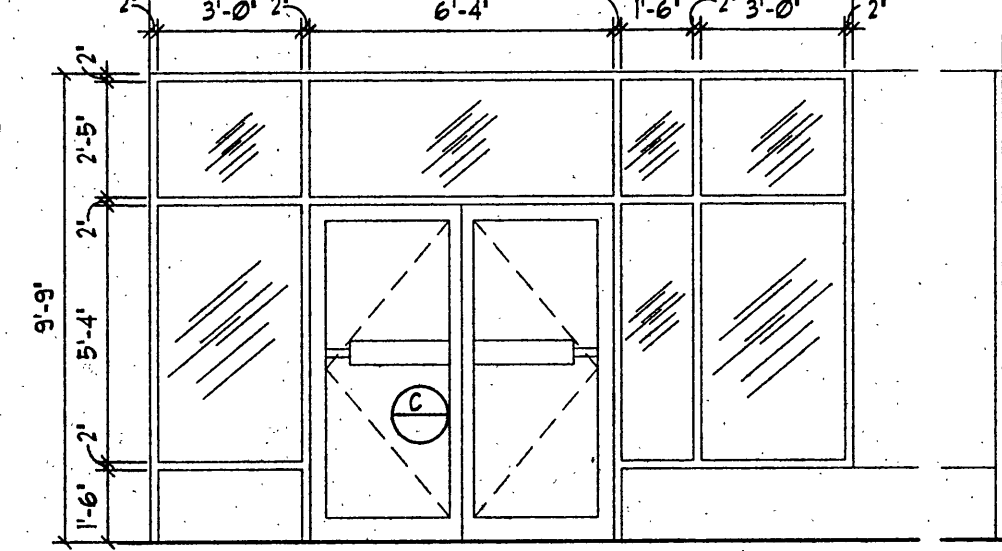
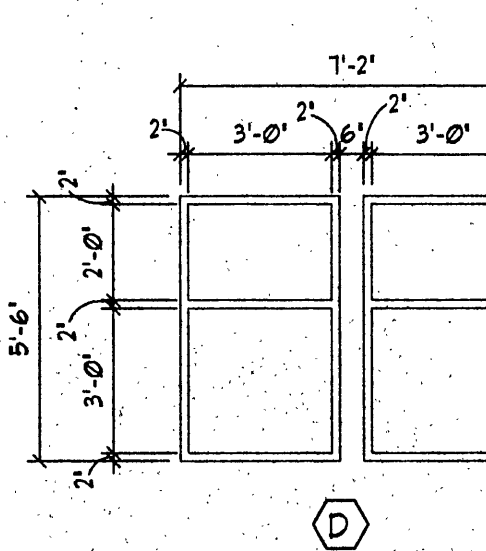
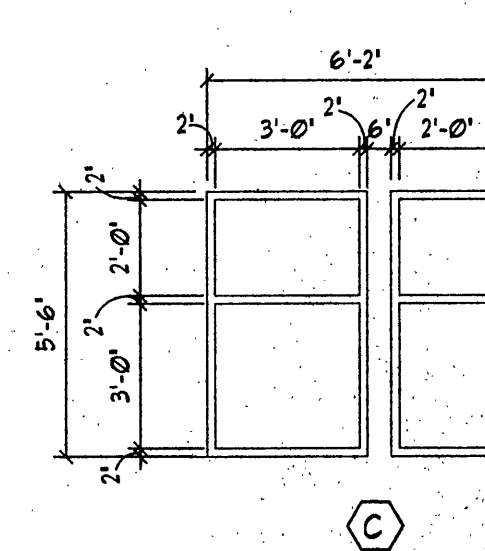
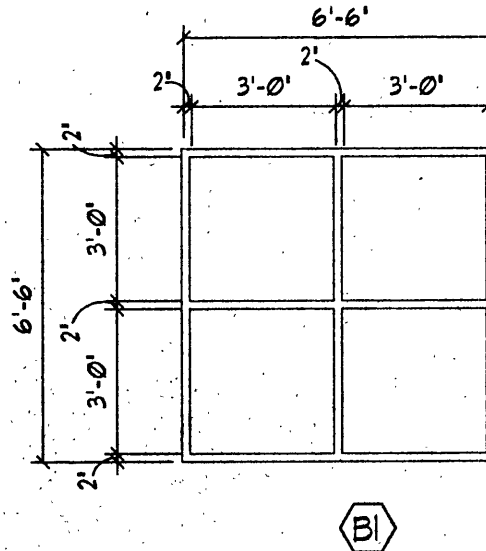
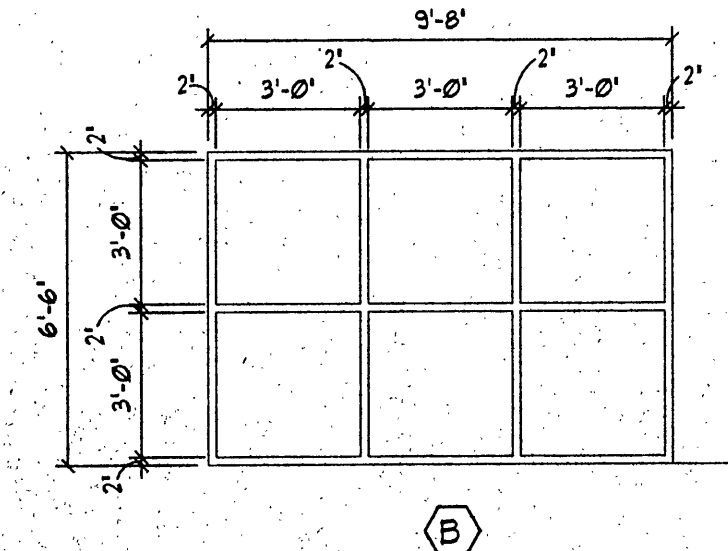
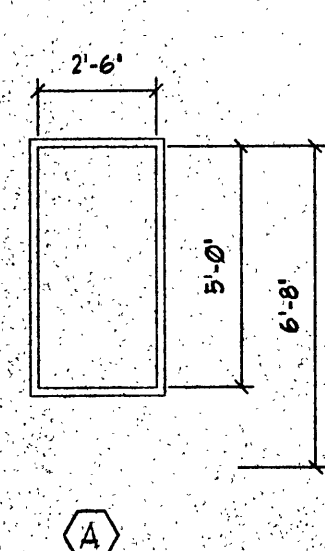
SCALE: 1/4"=1'-0"



DOOR TYPES

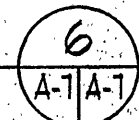


DOOR FRAME TYPES



Relite  
WINDOW TYPES

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



GENERAL STRUCTURAL NOTES

STRUCTURAL DESIGN DATA

1. LIVE LOADS:  
SNOW LOAD 50 PSF
2. WIND LOADS: IN ACCORDANCE WITH THE UNIFORM BUILDING CODE (UBC) 1994 EDITION
  - A. BASIC WIND SPEED 70 MPH
  - B. I=1.0 WITH EXPOSURE FACTOR C
3. SEISMIC: IN ACCORDANCE WITH THE UNIFORM BUILDING CODE (UBC) 1994 EDITION
  - A. SEISMIC ZONE III, Z=0.3
  - B. I = 1.0
  - C. R<sub>w</sub> = 8.0

FOUNDATION

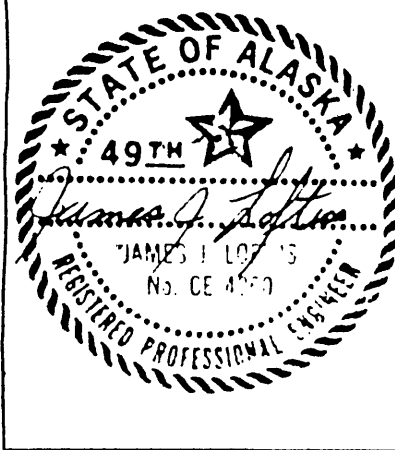
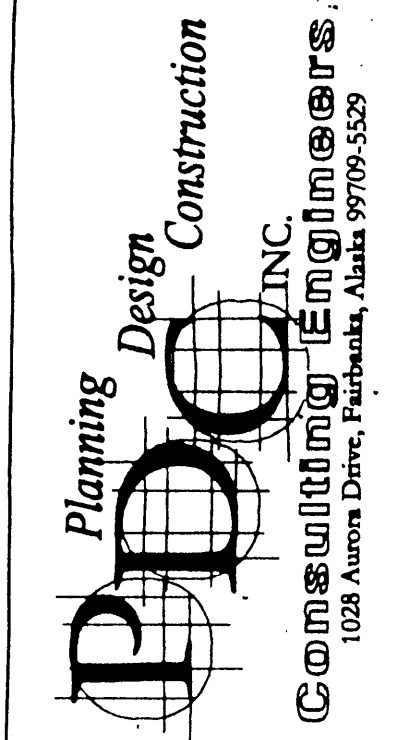
1. ALL FOOTINGS SHALL BE FOUNDED UPON COMPACTED STRUCTURAL FILL, WITH AN ALLOWABLE BEARING CAPACITY OF 3,000 PSF.
2. ALL ORGANIC AND/OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM SUBGRADE AND BACKFILL AREAS.
3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY FROST OR ICE FROM PENETRATING ANY FOOTING OR SLAB SUBGRADE BEFORE AND AFTER PLACING OF CONCRETE UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT BUILDING STRUCTURE.
5. THE CONCRETE FOR EACH ISOLATED FOOTING SHALL BE PLACED IN ONE CONTINUOUS PLACEMENT.
6. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL SEASONAL FROST HAS THAWED OR BEEN REMOVED.

STRUCTURAL CONCRETE NOTES

1. ALL CAST-IN-PLACE CONCRETE SHALL EXCEPT SHEAR WALLS HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI. SHEAR WALLS SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
2. ALL REINFORCING BARS SHALL BE NEW BILLET STEEL CONFORMING TO THE STANDARDS OF ASTM A615, GRADE 60.
3. ALL CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" - ACI 318 AND THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" - ACI 315.
4. DOWELS SHALL MATCH SIZE AND NUMBER OF MAIN REINFORCING, UNLESS NOTED OTHERWISE.
5. MINIMUM CONCRETE COVER SHALL BE:
  - a. 3" FOR CONCRETE CAST AGAINST THE EARTH.
  - b. 1 1/2" FOR BARS EXPOSED TO WEATHER AND GRADE BEAMS AND PILASTERS.
  - c. 1" FOR SLABS ON GRADE.
6. JOB-SITE MIXING OF CONCRETE SHALL FOLLOW PROVISIONS OF ACI 318-89, CHAPTER 5.

STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL CHANNELS, ANGLES, AND PLATES SHALL BE ASTM A50, UNLESS OTHERWISE NOTED.
2. ALL STRUCTURAL STEEL WIDE FLANGE BEAMS AND TEE SECTIONS SHALL CONFORM TO ASTM A572, GRADE B. ALL STRUCTURAL TUBES SHALL BE ASTM A500, GRADE B.
3. ALL BOLTS, NUTS AND WASHERS USED FOR CONNECTIONS OF BEAM TO BEAM OR BEAM TO COLUMN CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A325. MINIMUM BOLT SIZE USED FOR BEAM TO BEAM OR BEAM TO COLUMN CONNECTIONS SHALL BE 3/4 INCH DIAMETER.
4. ALL WELDING ELECTRODES SHALL BE E70.
5. ALL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO AISC SPECIFICATION AND CODES, 9TH EDITION.
6. ALL WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS AND SHALL CONFORM TO THE AWS "CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION".
7. THE MINIMUM NUMBER OF BOLTS PER CONNECTION SHALL BE TWO (2).
8. ALL BEAMS, JOISTS AND TRUSSES SHALL BE ERECTED WITH THE NATURAL CAMBER UP. PROVIDE CAMBERS AS INDICATED ON THE DRAWINGS.
9. THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE OWNER'S PROJECT REPRESENTATIVE.



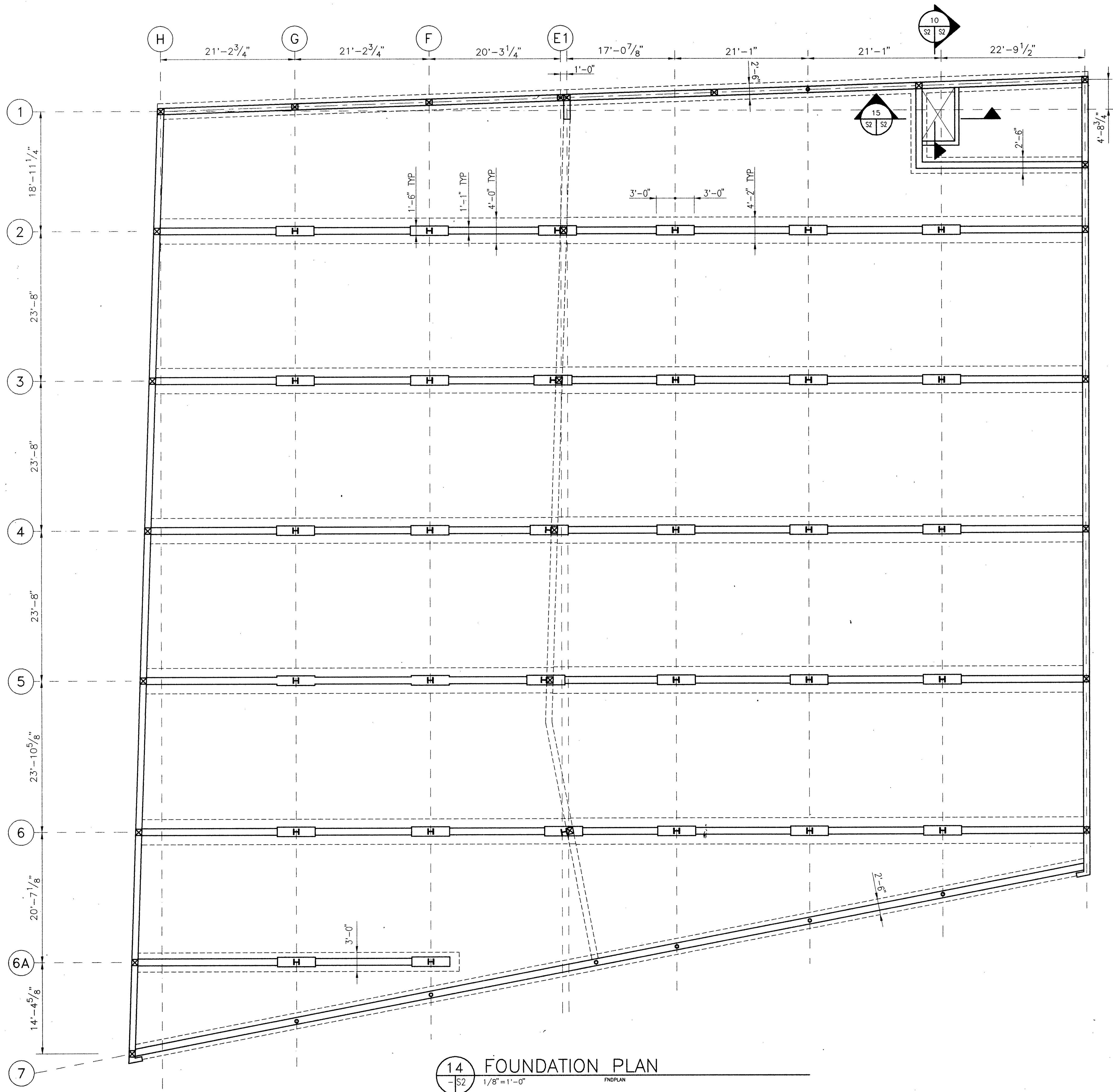
PTI OFFICE BUILDING  
WOOLWORTH BUILDING RENOVATION

4-21-98  
date: 4/98  
drawn: VG  
designed: SS  
checked: JLL  
revised:

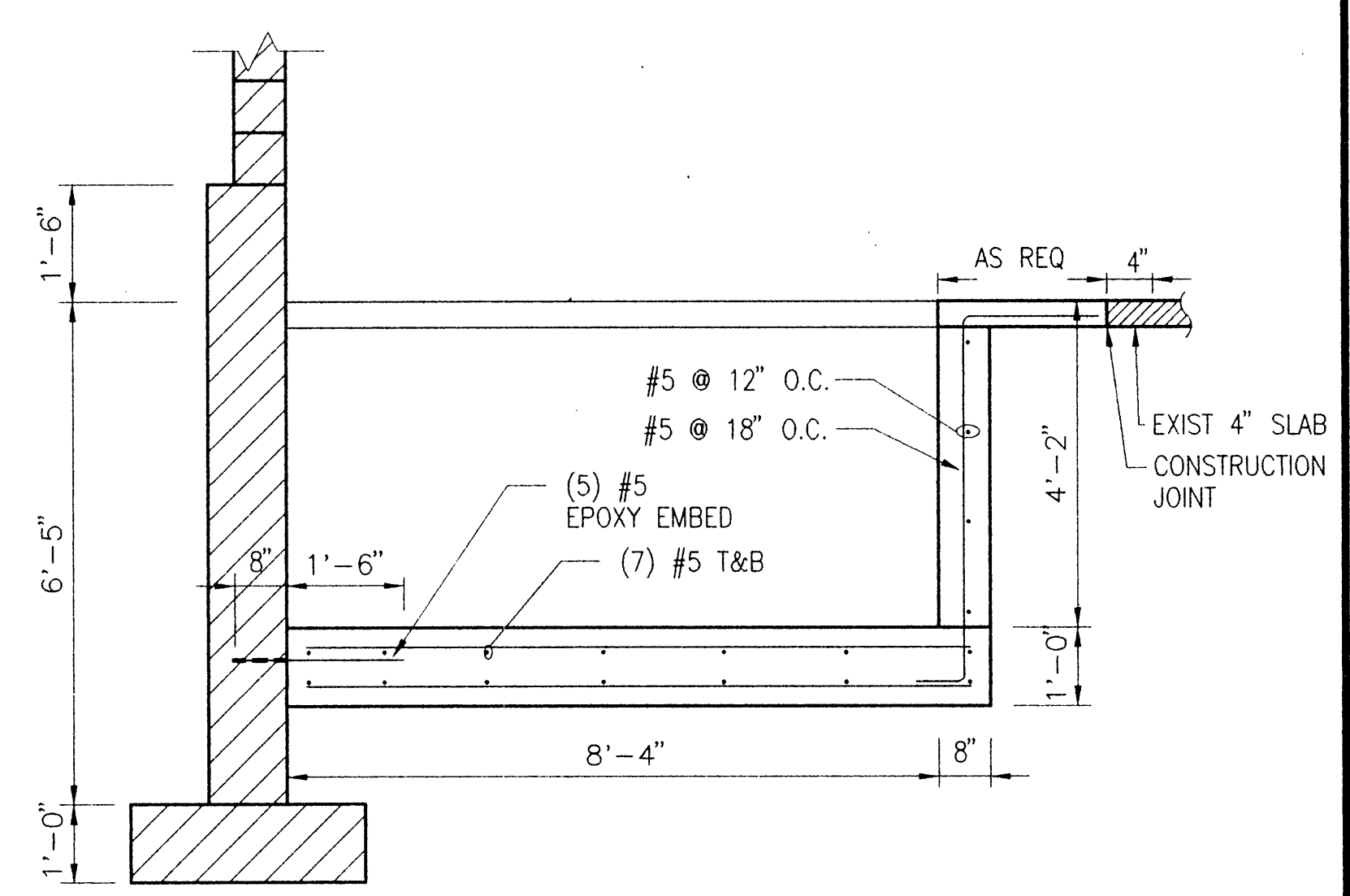
GENERAL NOTES

sheet no.

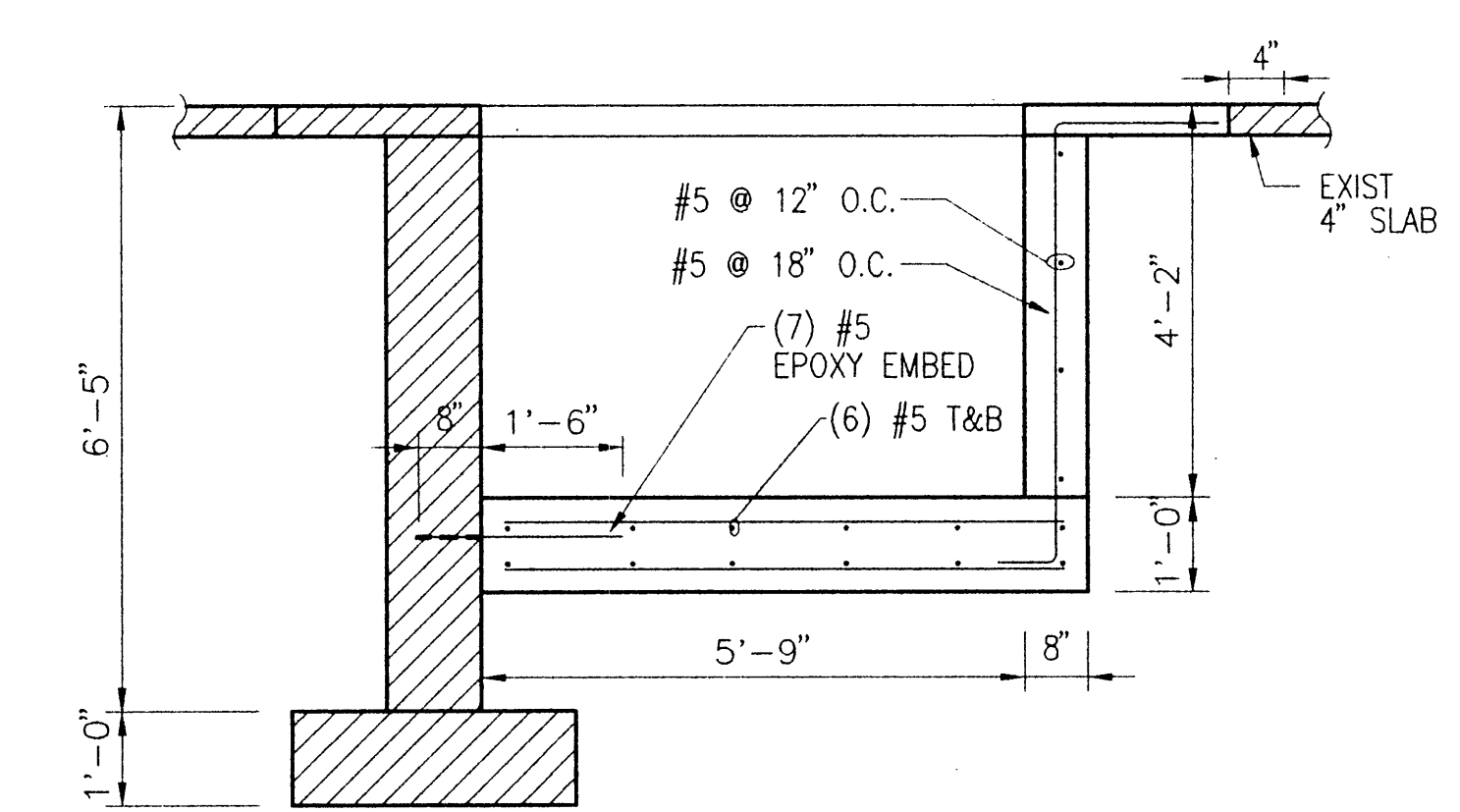
S1



14 FOUNDATION PLAN  
S2 1/8"=1'-0" FNDPLAN

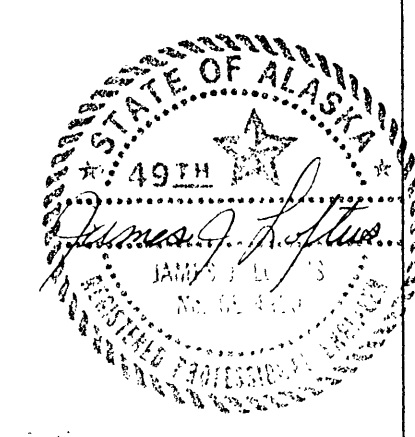


10 DETAIL  
S2 S2 1/2"=1'-0" DETAIL50



15 DETAIL  
S2 S2 1/2"=1'-0" DETAIL51

Planning Design Construction  
**PDC**  
ENGINEERS  
102 Aurora Drive, Fairbanks, Alaska 99709-5529

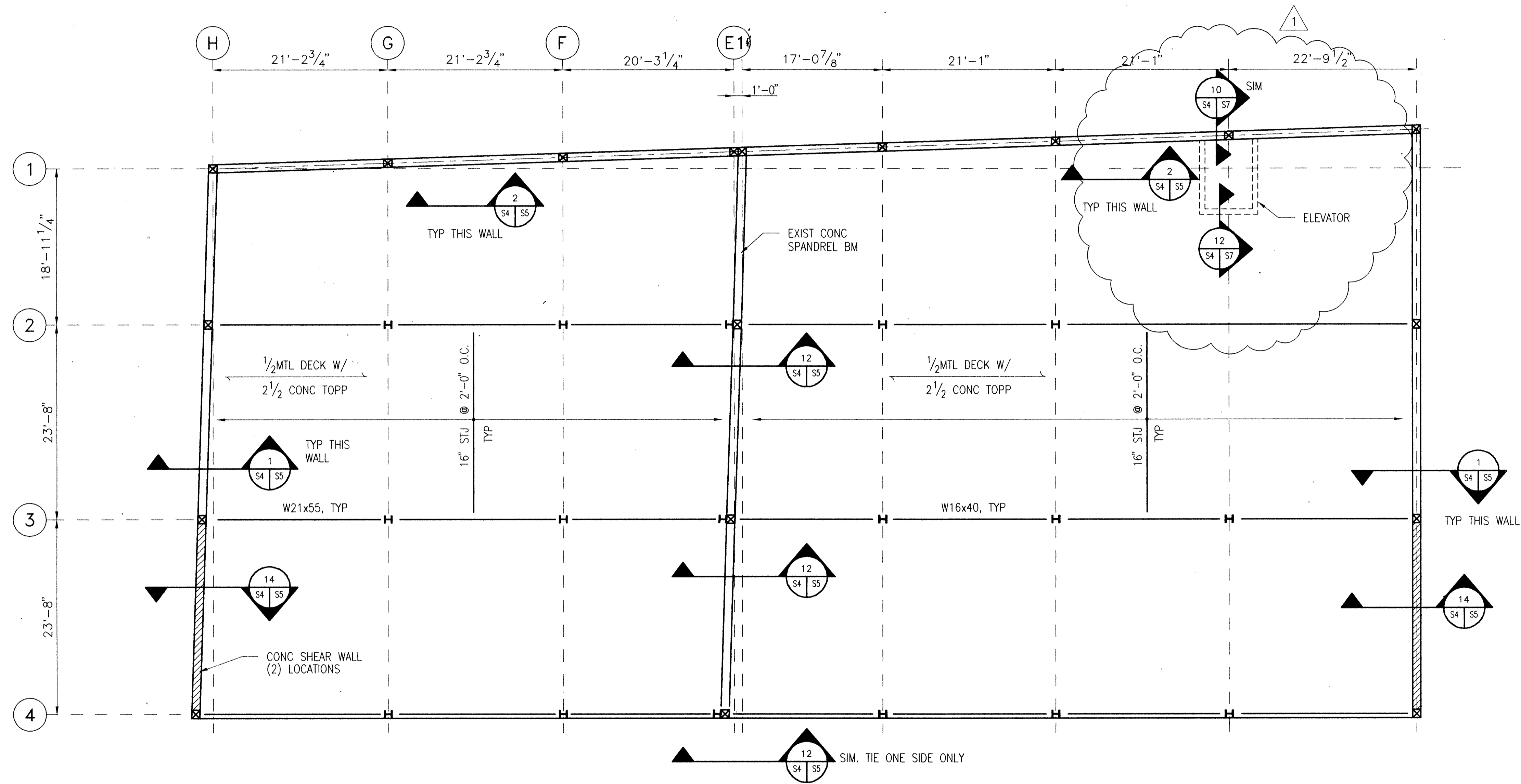


PTI OFFICE BUILDING

date: 4-21-98  
drawn: VG  
designed: SS  
checked: JUL  
revised:

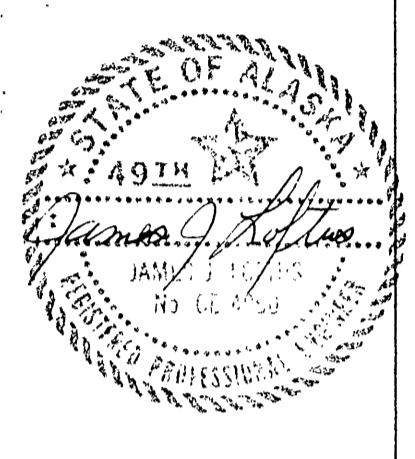
FOUNDATION PLAN

sheet no.  
**S2**



1 UPPER ROOF PLAN  
 -S4 1/8"=1'-0" ROOF

NOTE:  
 CONSTRUCTION SHOWN ON SHEETS S3, S4, S5 IS REQUIRED FOR  
 SEISMIC UPGRADE. ADDITIONAL WORK WILL BE SHOWN FOR  
 ARCHITECTURAL RENOVATIONS AND THESE SHEETS WILL BE REISSUED.



PTI BUILDING OFFICE

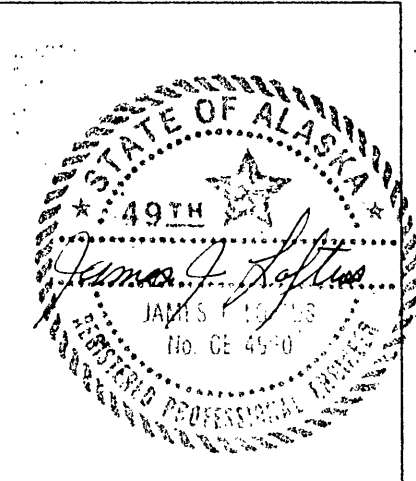
date: 3/24/98  
 drawn: SS  
 designed: SS  
 checked: JP  
 revised: 4/21/98

UPPER ROOF PLAN

sheet no.  
**S4**



1 2ND FLOOR/ LOWER ROOF RETROFIT  
-S6 1/8"=1'-0" 2NDFLR

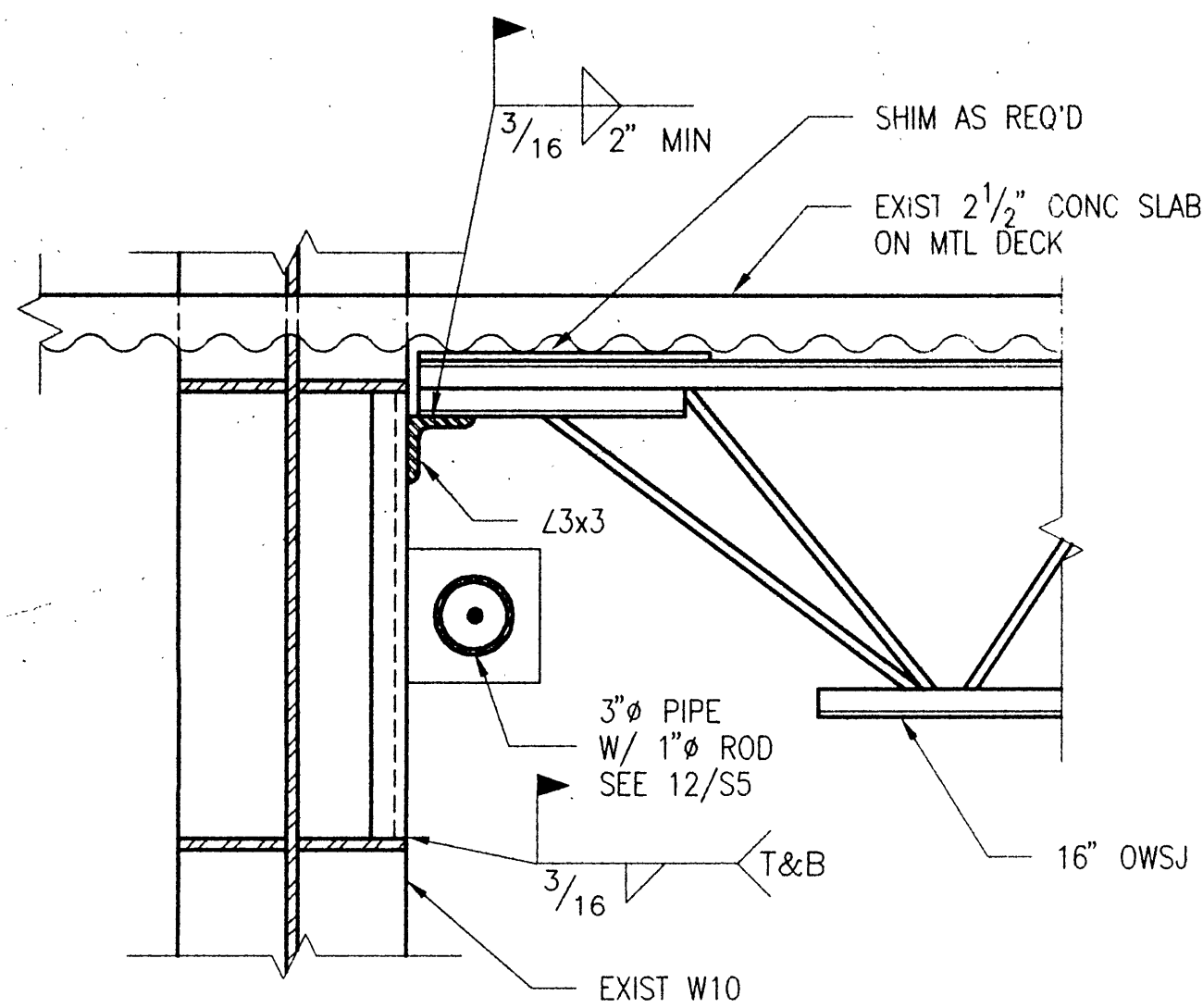


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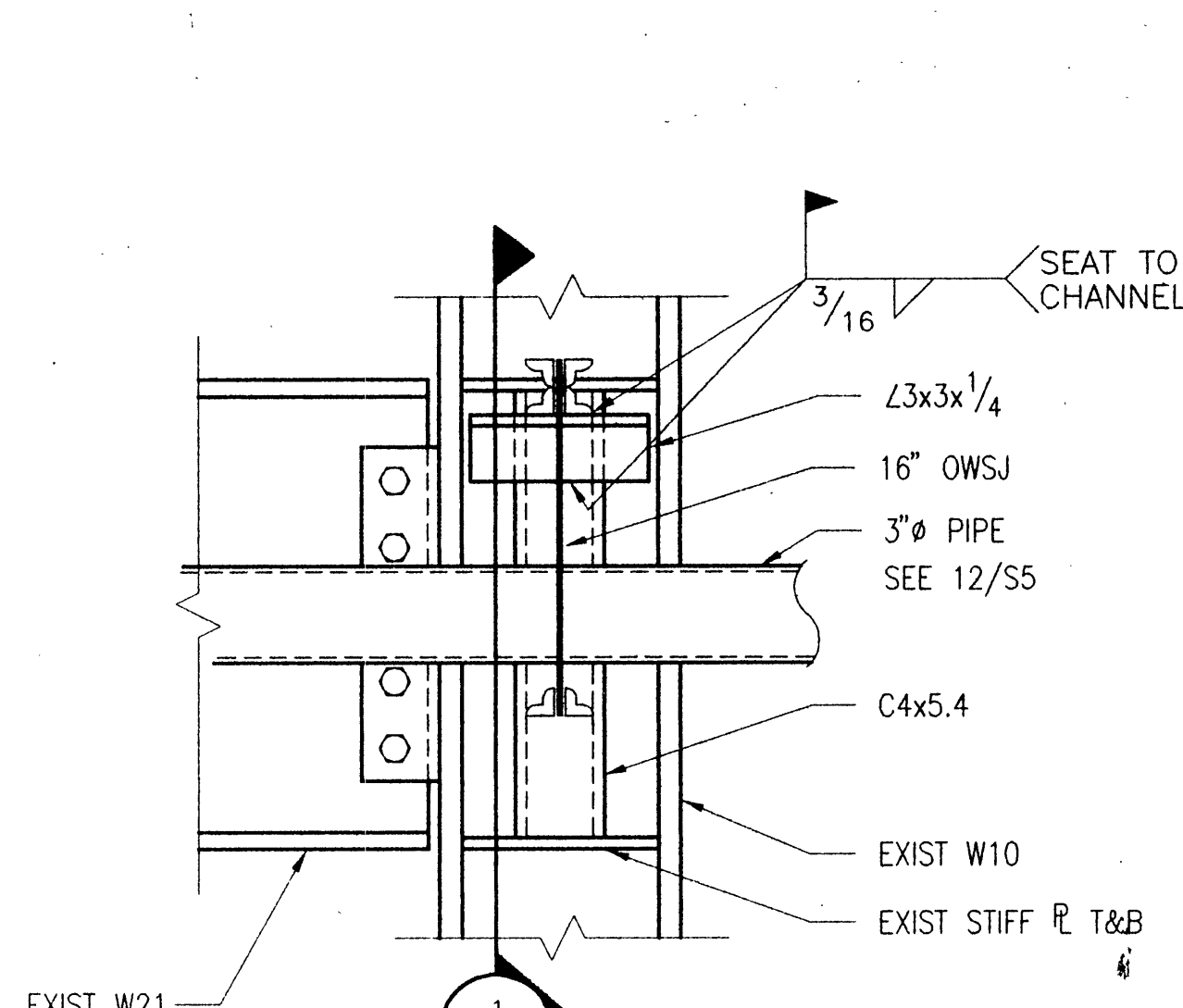
4-21-98  
 date: 4/21/98  
 drawn: SS  
 designed: SS  
 checked: JP  
 revised:

2ND FLOOR/LOWER  
 ROOF RETROFIT

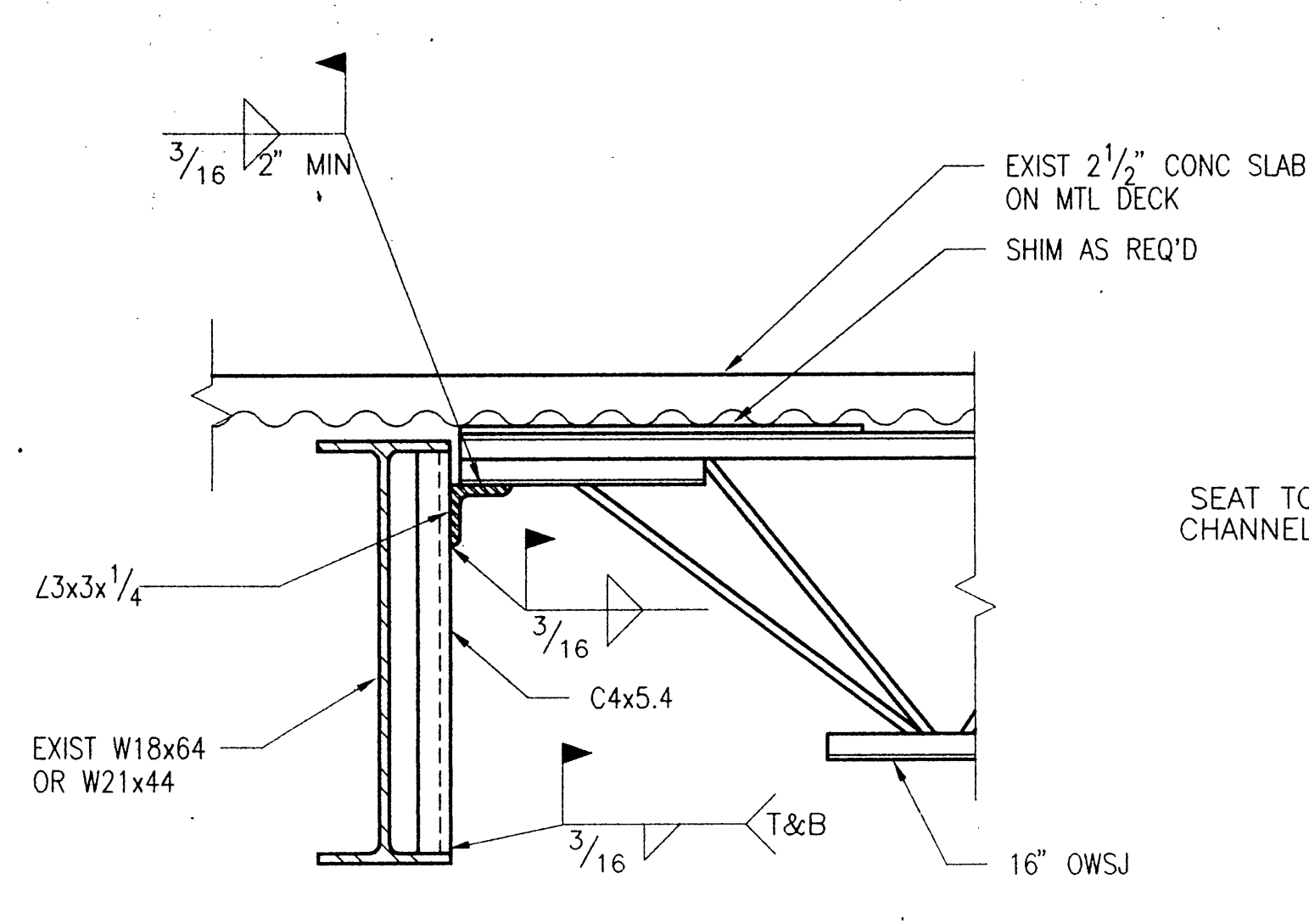
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 S6



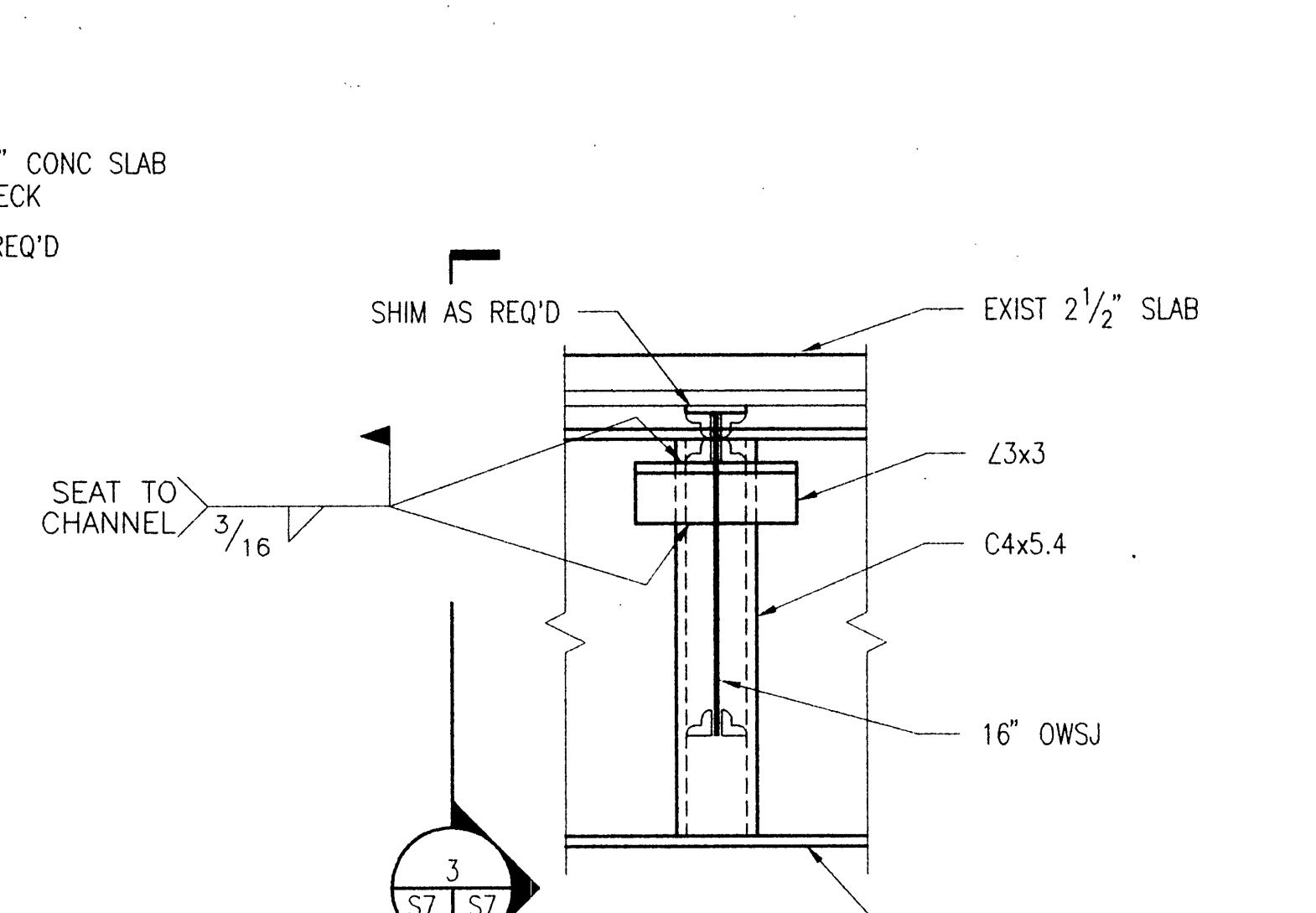
1 SECTION  
S7/S7 1 1/2"=1'-0" JTCOL



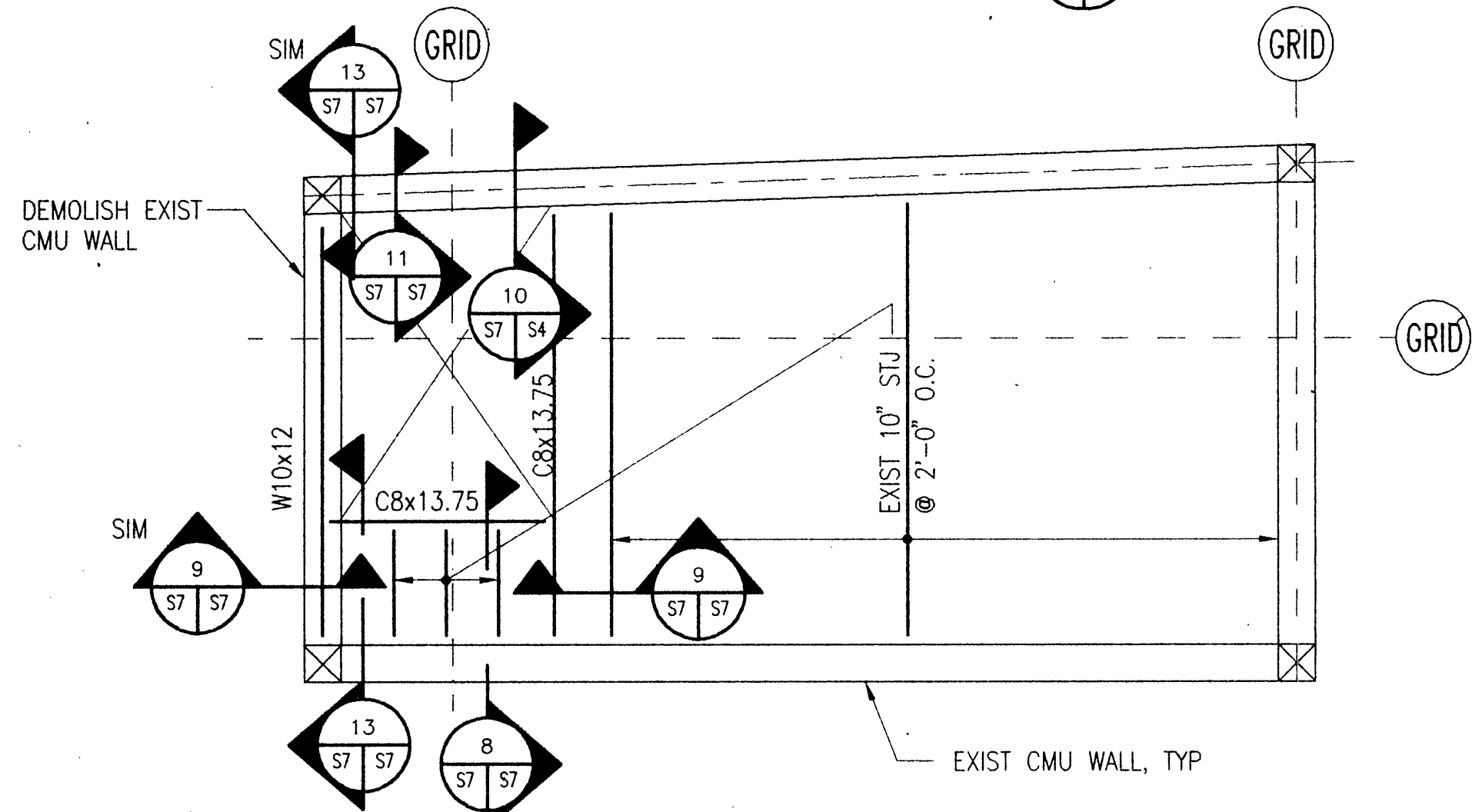
2 JOIST TO COL CONN  
S6/S7 1 1/2"=1'-0" JTCOL



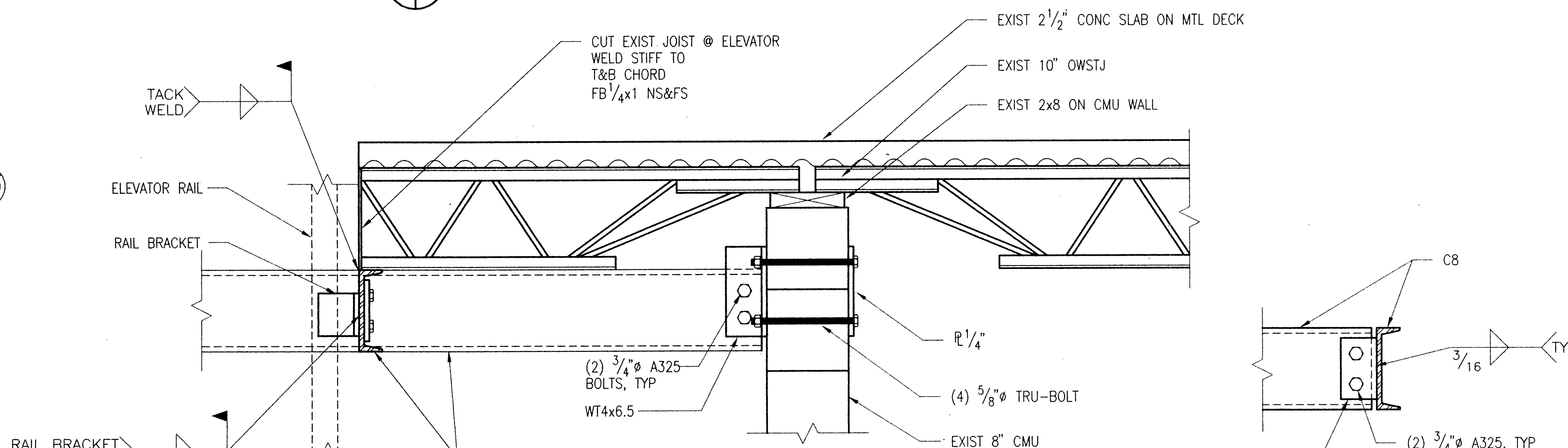
3 SECTION  
S7/S7 1 1/2"=1'-0" JTCOL



4 JOIST TO BM CONNECTION  
S6/S7 1 1/2"=1'-0" JTCOL

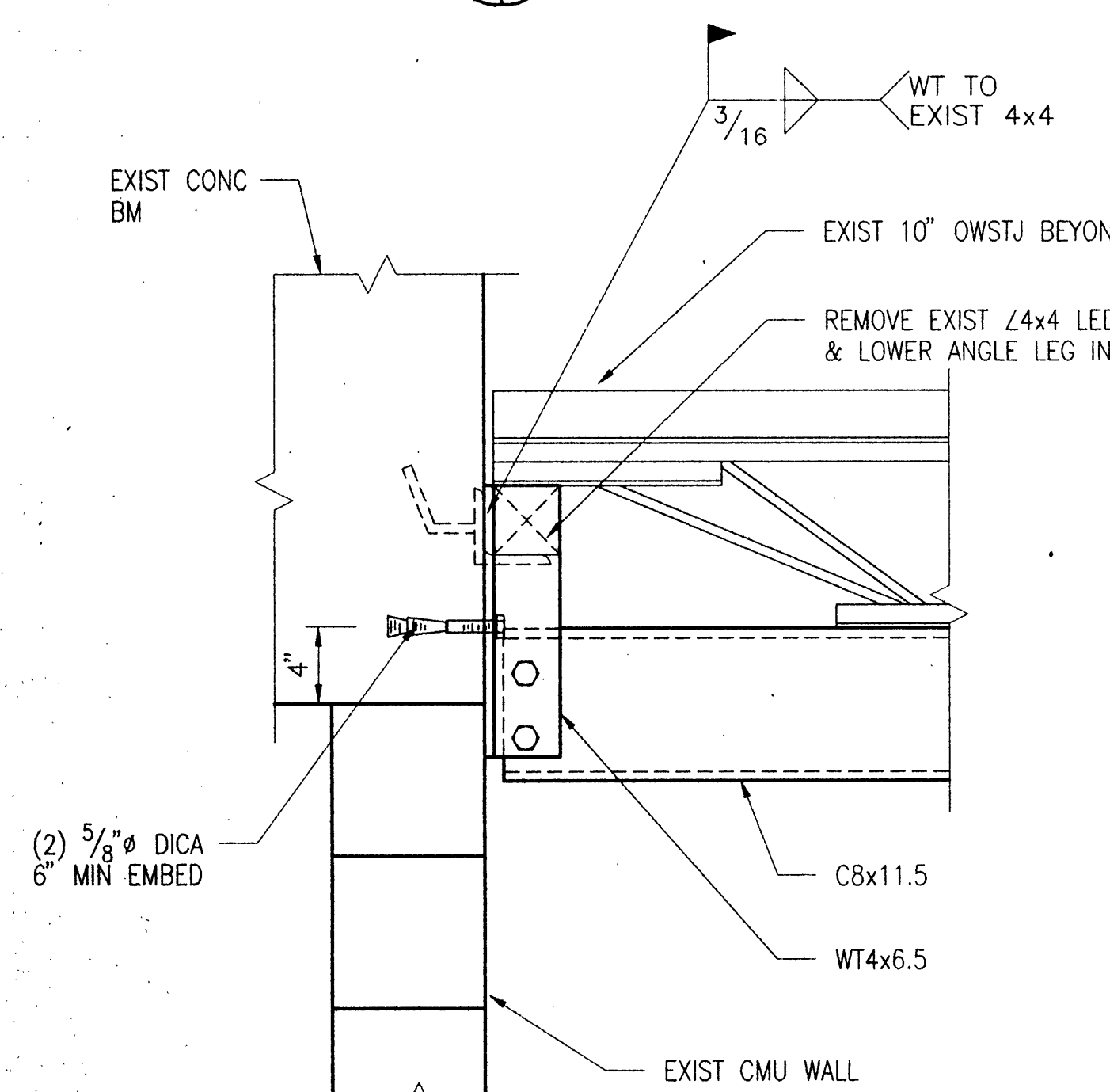


7 ELEVATOR BAY FRAMING PLAN  
S6/S7 1/4"=1'-0" DETALS2

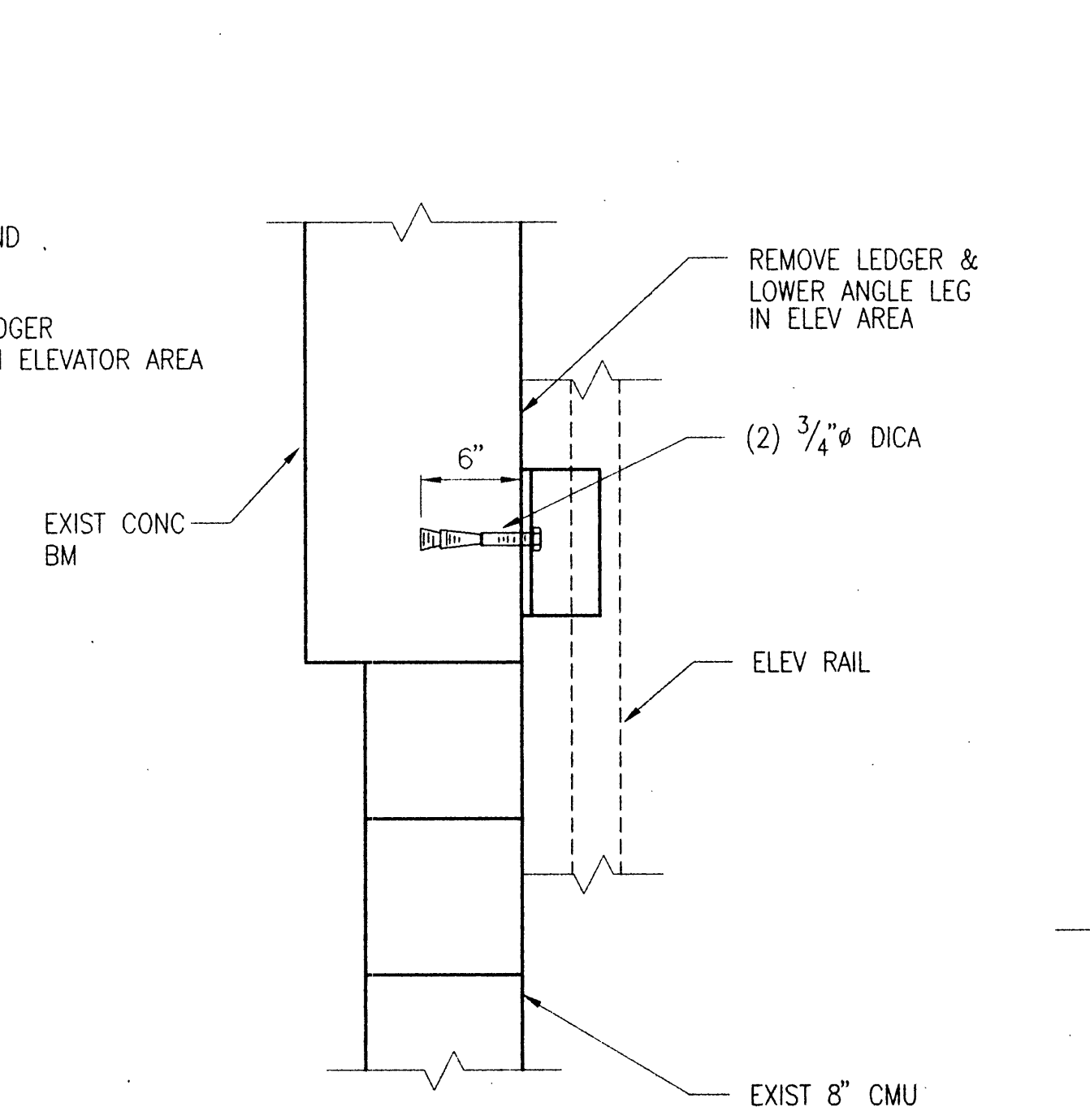


8 DETAIL  
S7/S7 1 1/2"=1'-0" DETALS3

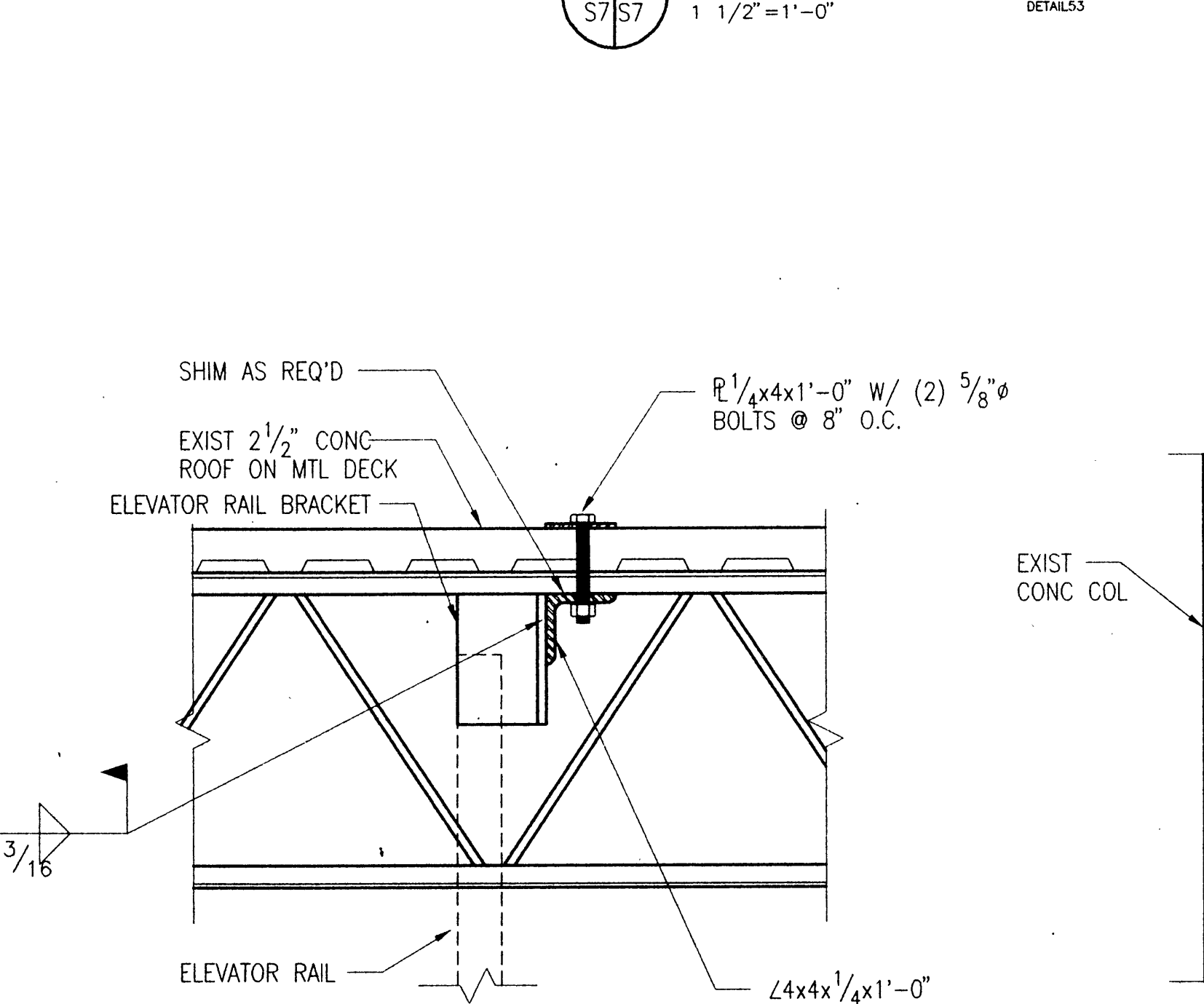
9 TYP CONNECTION  
S7/S7 1 1/2"=1'-0" DETALS7



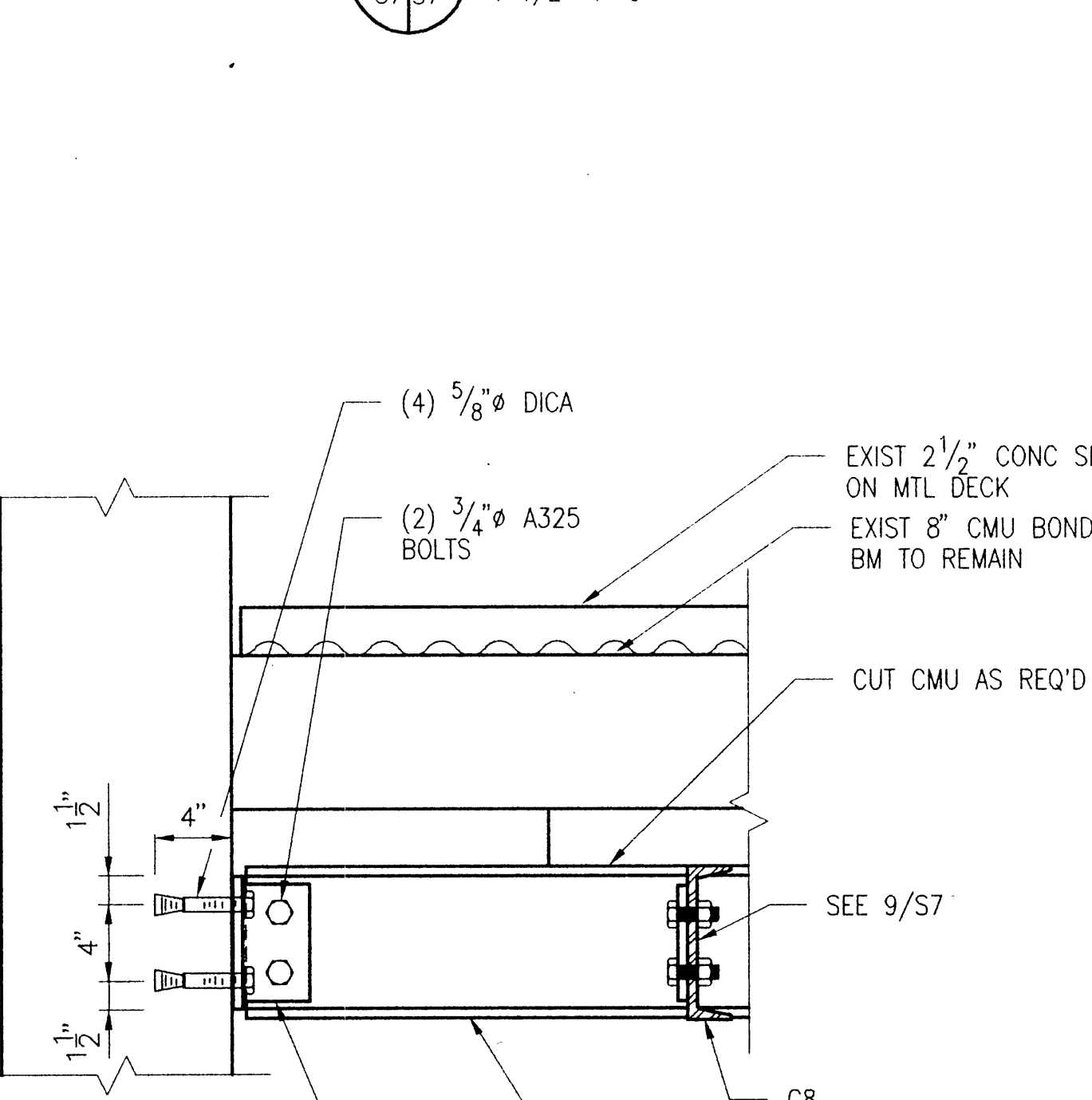
10 DETAIL  
S7/S7 1 1/2"=1'-0" DETALS6



11 DETAIL  
S7/S7 1 1/2"=1'-0" DETALS4



12 INT ELEV RAIL ATTACHMENT @ ROOF  
S4/S7 1 1/2"=1'-0" DETALS5



13 DETAIL  
S7/S7 1 1/2"=1'-0" DETALS8

Planning Design Construction  
**PDC**  
INC.  
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PTI COMMUNICATIONS  
WOOLWORTH RENOVATION

4-21-98  
date: 4/98  
drawn: VG  
designed: SS  
checked: JJJ  
revised:

SECTIONS & DETAILS

sheet no. S7