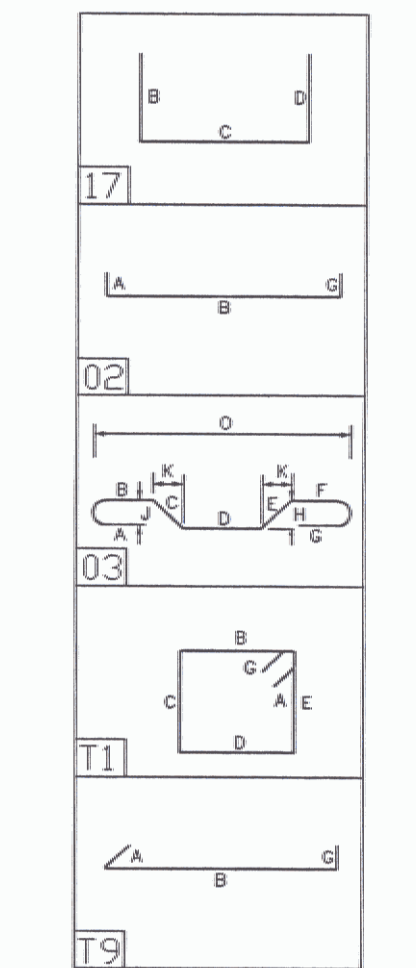
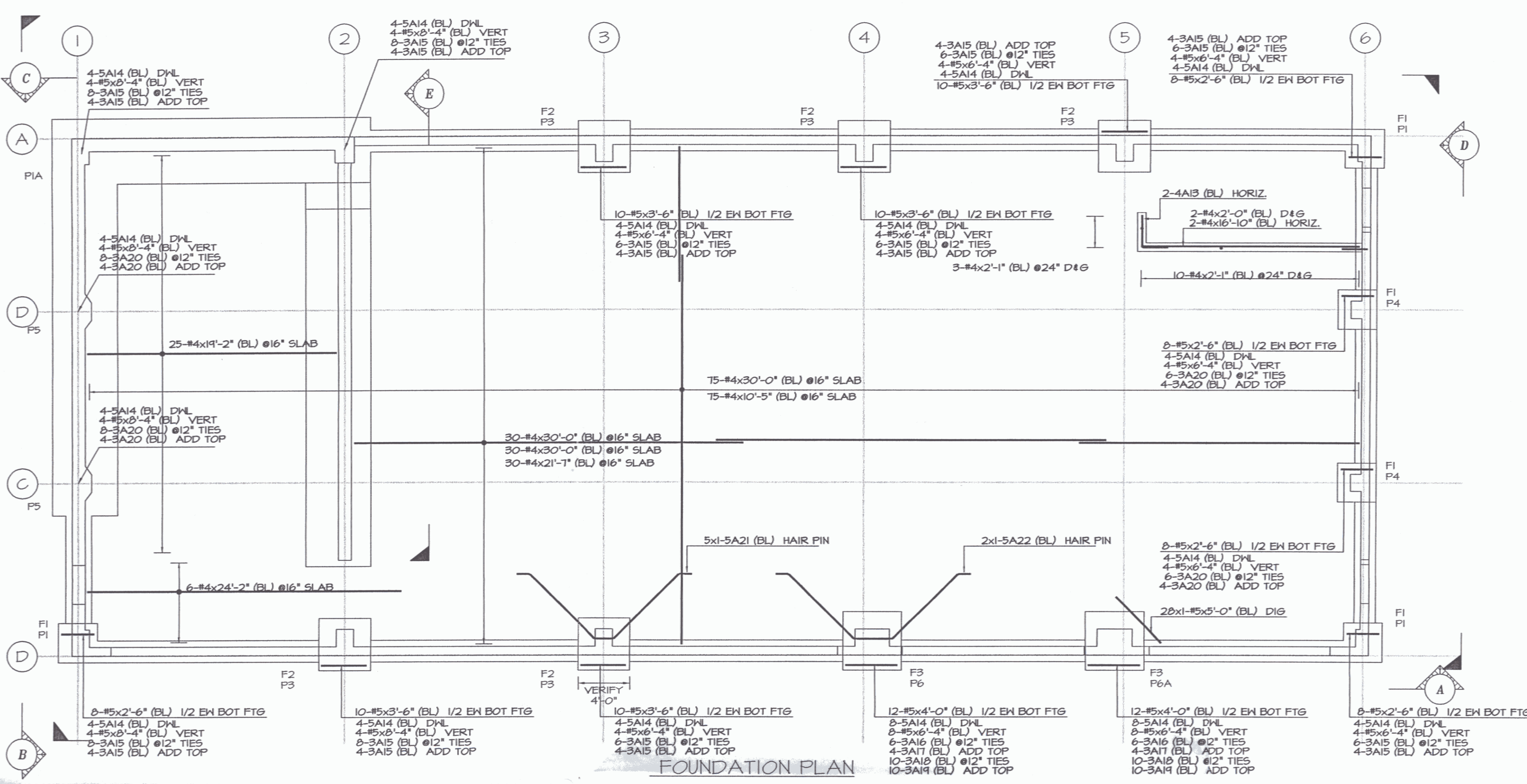


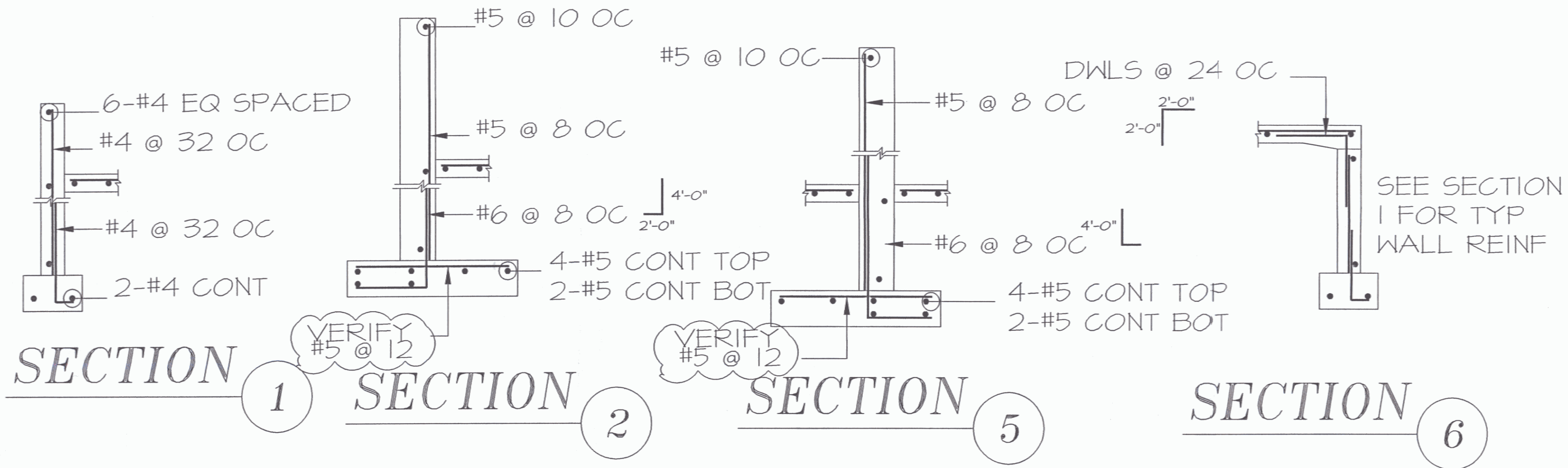
Release Code: *UNFILED		BENDING DETAILS.											
Bar Mark	Qty	Size	length	type	X'	Y'	Z'	U'	V'	W'	X'	Y'	Z'
4A01	1	#4	10' 0"	11			75'	30'	75'				
4A02	2	#4	12' 0"	11			45'	30'	45'				
4A03	2	#4	12' 0"	11			45'	45'	45'				
4A04	7	#4	72' 0"	11			45'	28' 0"	45'				
4A05	2	#4	92' 0"	11			65'	28' 0"	65'				
4A06	72	#4	4' 0"	11			2' 0"	2' 0"	2' 0"				
4A07	90	#4	35' 2"	11			0' 0"	2' 0"	0' 0"				
4A08	120	#6	6' 0"	11			2' 0"	4' 0"	2' 0"				
4A09	1	#4	10' 2"	11			65'	30'	65'				
5A10	8	#5	4' 8"	11			30' 0"	18'	30' 0"				
5A11	4	#5	45' 0"	11			11'	14' 0"	20'		10'	10'	4'
5A12	36	#5	5' 0"	11			2' 0"	2' 0"	2' 0"				
4A13	2	#4	44' 0"	11			26' 0"	2' 0"	26' 0"				
5A14	72	#5	3' 0"	11			0' 0"	3' 0"	0' 0"				
3A15	108	#3	6' 0"	11			0' 0"	18'	18'	18'			0' 0"
3A16	12	#3	8' 0"	11			0' 0"	18'	24'	18'	24'		0' 0"
3A17	8	#3	9' 0"	11			0' 0"	18'	28'	18'	28'		0' 0"
3A18	20	#3	2' 0"	11			0' 0"	18'	0' 0"	0' 0"	0' 0"		0' 0"
3A19	20	#3	3' 0"	11			0' 0"	24'	0' 0"	0' 0"	0' 0"		0' 0"
3A20	44	#3	5' 0"	11			0' 0"	18'	12'	18'	12'		0' 0"
5A21	5	#5	17' 0"	11			10'	70' 0"	16'	70' 0"	10'	5' 0"	5' 0"
5A22	2	#5	19' 0"	11			10'	70' 0"	30'	70' 0"	10'	5' 0"	5' 0"



ACTUAL LENGTH VALUES DUE TO LEDGE CONDITIONS.
SEE DRAWING 51 FOR ACTUAL WALL HEIGHTS DUE TO LEDGE.

AS-BUILT
12/20/06

RECEIVED
JUL 11 2006
THE QUINN COMPANY



SEE DWG R02 FOR ELEV AND SECTION

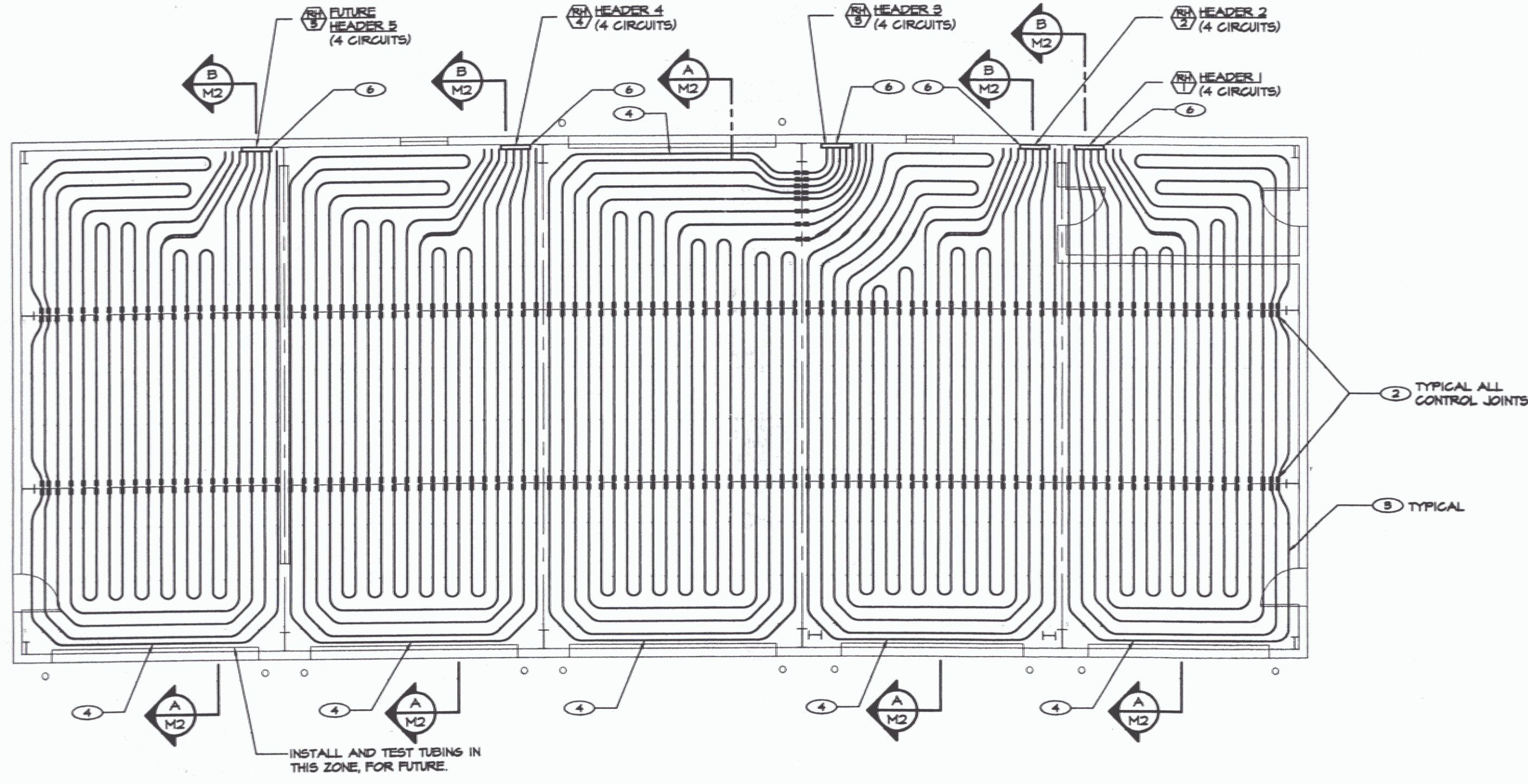
REFERENCE DWG.
REINFORCING BARS ASTM A615 GRADE 60 UNLESS NOTED
LAP ALL CONTINUOUS BARS 40
#3 = 1'-0" #6 = 2'-0" #9 = 3'-0"
#4 = 1'-0" #7 = 2'-0" #10 = 4'-0"
#5 = 2'-0" #8 = 3'-0" #11 = 4'-0"

Legend:
IF Inside Face V Vertical
OF Outside Face H Horizontal
NF Near Face EW Each Way
FF Far Face B/Bot Bottom
EF Each Face T Top
SB Support Bars

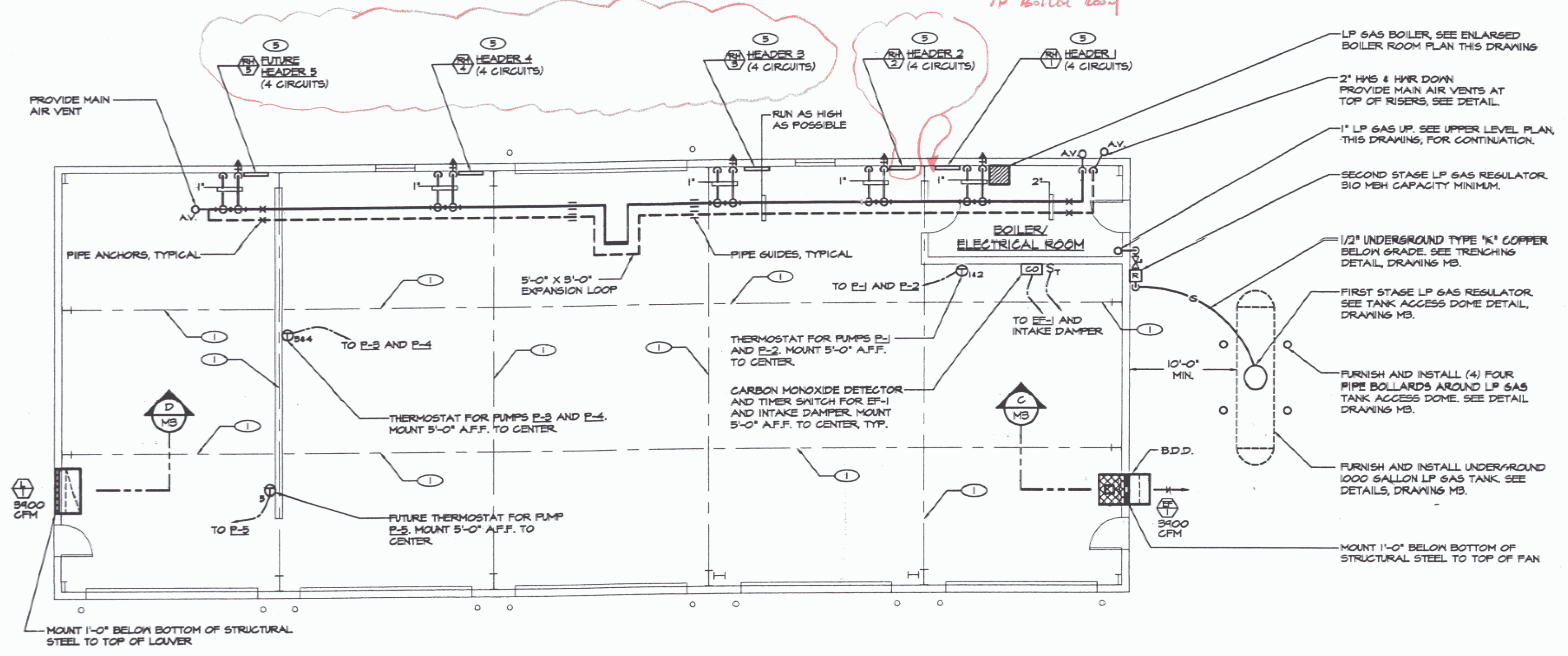
NOTICE
Shortages, improper fabrication or claims for any other reason must be reported to this company within a period of 15 days of delivery. This company reserves the right to field inspect prior to replacement or reconditioning of nonconforming material, and will not honor charges for work done in the field without specific authorization from this company.

REINFORCING STEEL PLACING DRAWINGS ONLY USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

DATE	REV.	DESCRIPTION	DATE	APPROVAL	SENT FOR
BARKER STEEL CO., INC.					
CANAAN OFFICE					
PROJECT AOT SNOW REMOVAL EQUIP BLDG					
LOCATION 1002 AIRPORT ROAD					
ARCHITECT N. CLARENDON, VT 05754					
ENGINEER					
CUSTOMER THE QUINN COMPANY, INC.					
Drawn By:	Date:	Reviewed By:	Job No.		
RLL/MW	07/09/06		10022247		
Drawing Covers:	FOUNDATION PLAN		Drawing no.		
			R01		



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



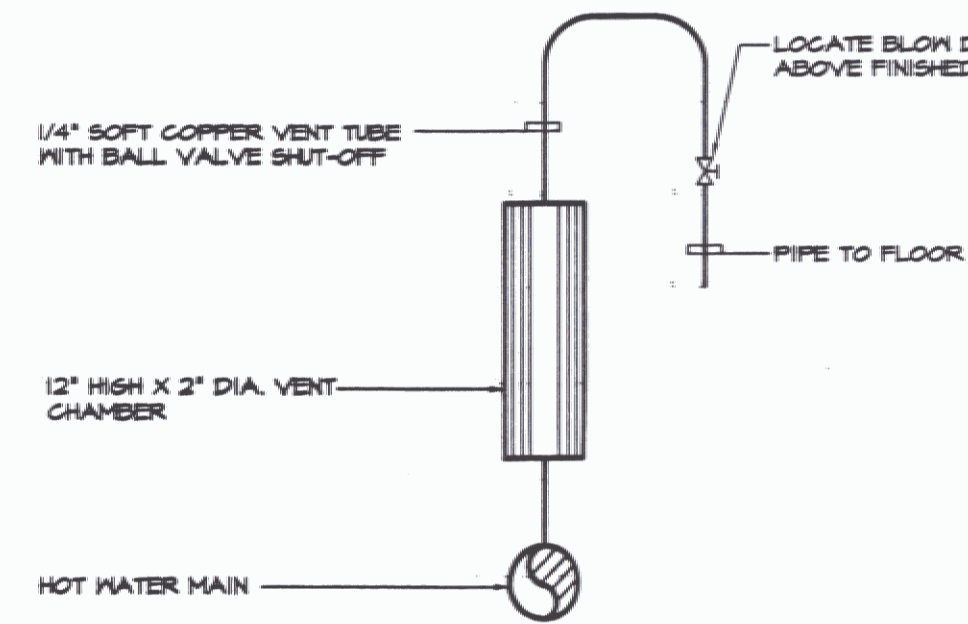
FLOOR PLAN - HEATING PIPING AND VENTILATION
SCALE: 1/8"=1'-0"

RADIANT TUBING NOTES:

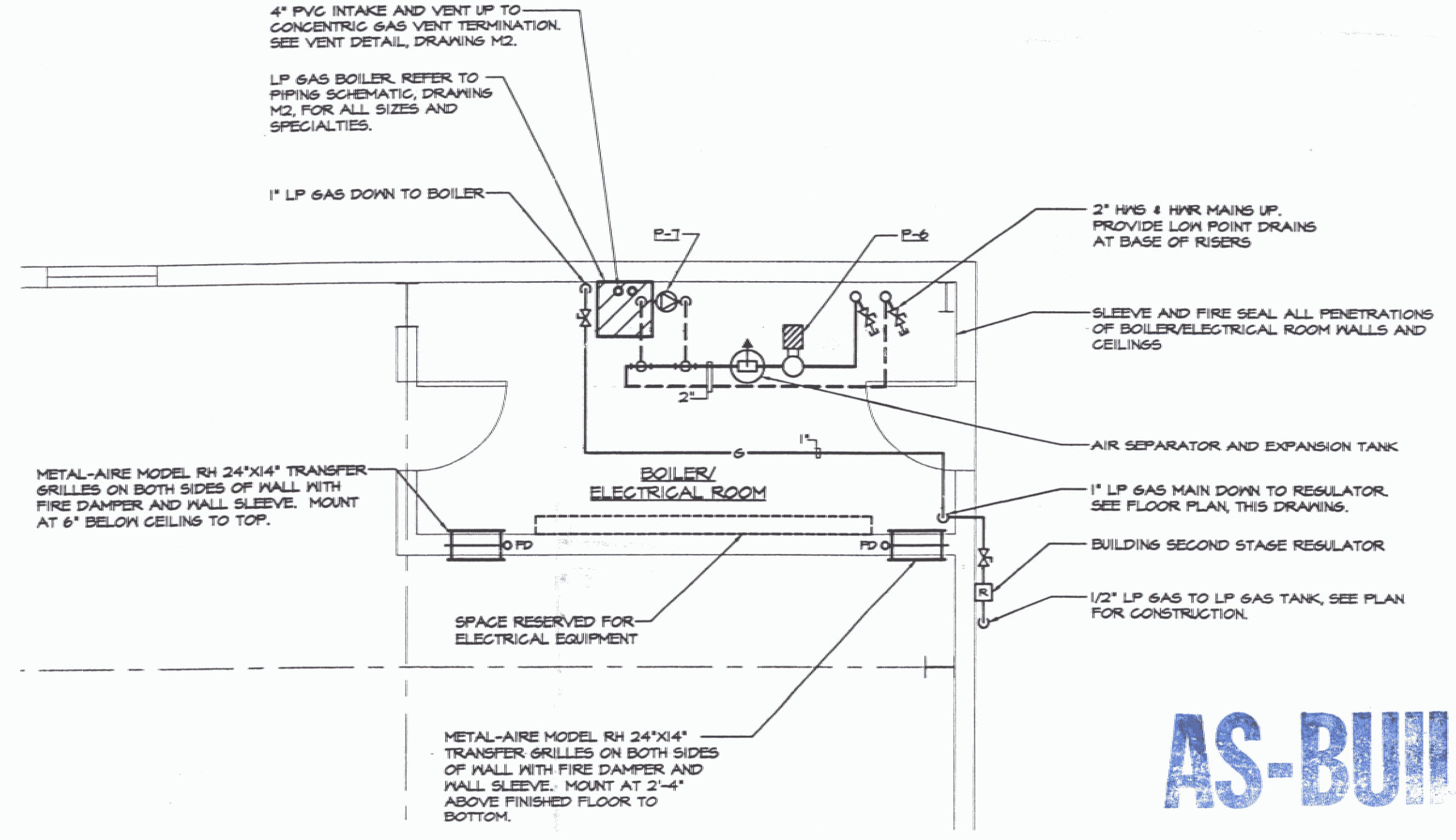
- 1) THE INSTALLING CONTRACTOR SHALL INSTALL ALL TUBING BELOW REINFORCING, DIRECTLY TO RIGID INSULATION BOARD IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION MANUAL.
- 2) NO TUBING JOINTS ARE PERMITTED BELOW SLAB.
- 3) LOCATIONS OF STRUCTURAL CONTROL JOINTS AND COLLINGS ARE INDICATED ON THIS DRAWING FOR COORDINATION AND DESIGN PURPOSES. OBTAIN A FINAL APPROVED SET OF STRUCTURAL DRAWINGS TO LOCATE ALL FINAL STRUCTURAL ITEMS PRIOR TO INSTALLING TUBING.

DRAWING NOTES: (APPLY TO THIS DRAWING ONLY)

- 1) SLAB CONTROL JOINT, TYPICAL.
- 2) PROVIDE 1'-0" LONG ARMAFLEX INSULATION CENTERED ON ALL CONTROL JOINTS. SEE STRUCTURAL DRAWINGS FOR EXACT LOCATIONS OF CONTROL JOINTS.
- 3) 1/2" I.D. PEX TUBING, TYPICAL FOR ALL CIRCUITS. TUBING SPACING SHALL BE 1'-0" UNLESS OTHERWISE SPECIFIED.
- 4) TUBING IN FRONT OF DOORS SHALL BE 6" O.C. SEE SECTION A-M2.
- 5) MOUNT HEADER MINIMUM 10'-0" ABOVE FINISHED FLOOR TO CENTER.
- 6) PROVIDE 14 GAUGE GALVANIZED ENCLOSURE AROUND ALL PEX TUBING FROM FLOOR TO HEADERS. SEE DETAIL B-M2.



MAIN AIR VENT DETAIL
NOT TO SCALE



ENLARGED BOILER/ELECTRICAL ROOM FLOOR PLAN
SCALE: 1/4"=1'-0"

AS-BUILT

12 / 20 / 06



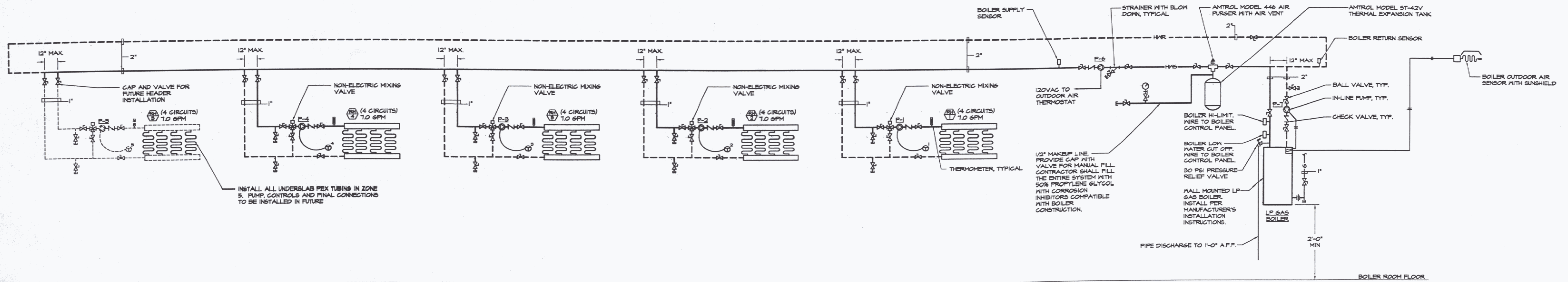
NO.	ISSUED FOR	DATE
1	BIDDING	04/15/2006

LANE ASSOCIATES
CONSULTING ENGINEERS, P.C.

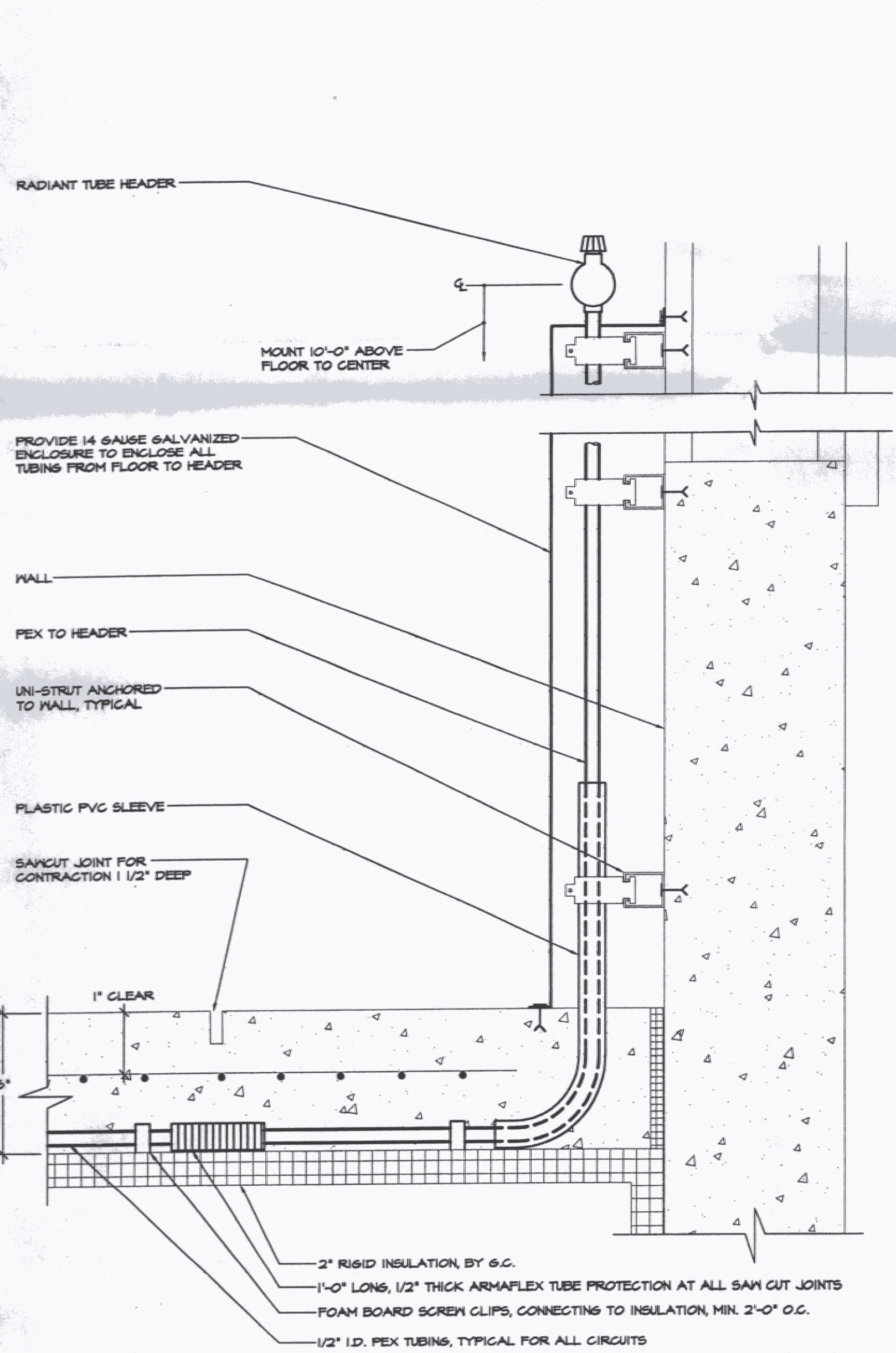
HEATING, VENTILATION, & AIR CONDITIONING, PLUMBING, FIRE PROTECTION, & ELECTRICAL
CHARLES F. LANE, P.E.
DANIEL W. DUPRAS, P.E.
51 KILLINGTON AVENUE, RUTLAND, VERMONT 05701
TELEPHONE: (802)747-3346
FAX/MODEM: (802)747-3356

FLOOR PLANS - HEATING AND VENTILATION
NEW SNOW REMOVAL EQUIPMENT BUILDING
VERMONT AGENCY OF TRANSPORTATION
CLARENDON, VERMONT

M 1

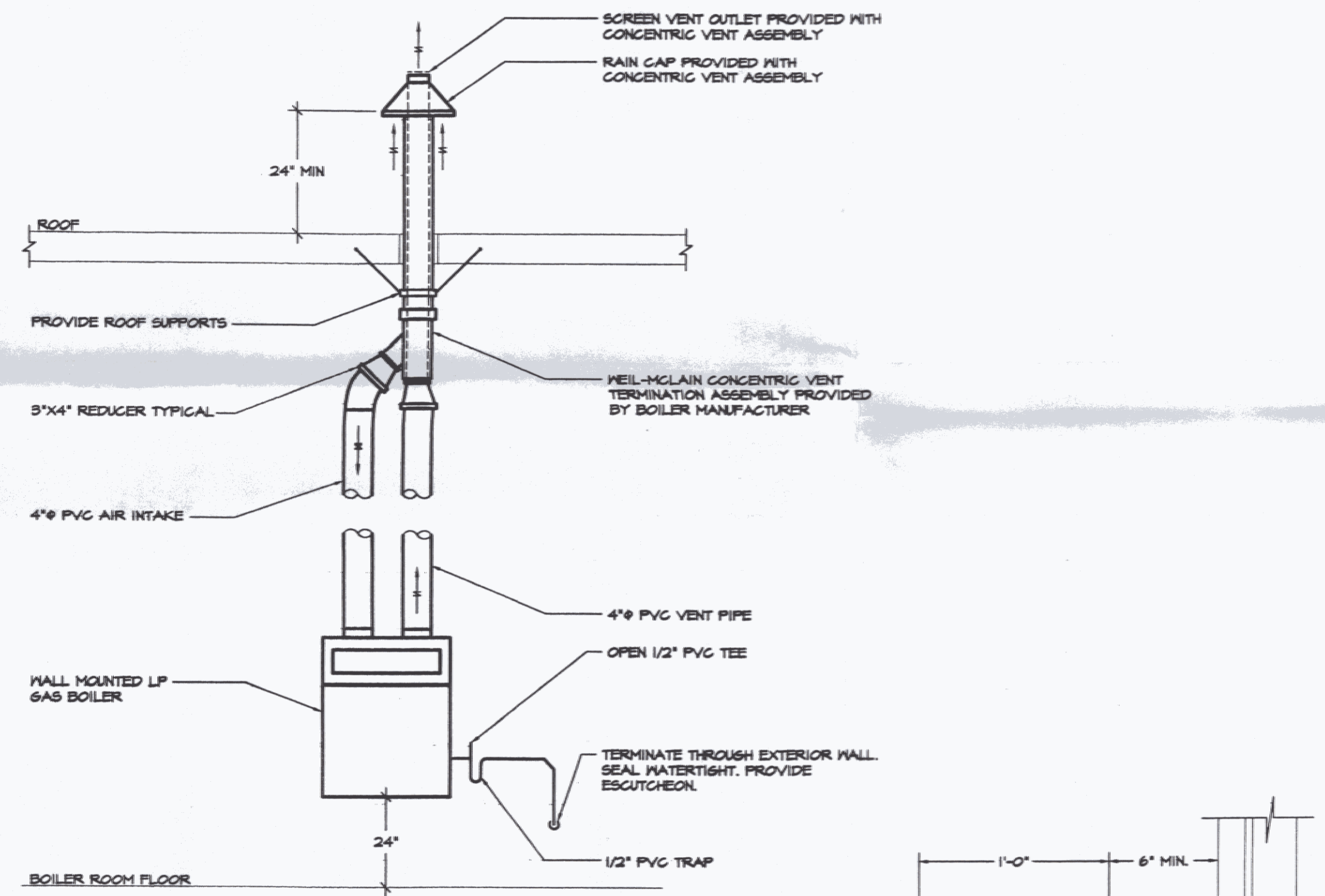


BOILER/SYSTEM PIPING SCHEMATIC
NOT TO SCALE

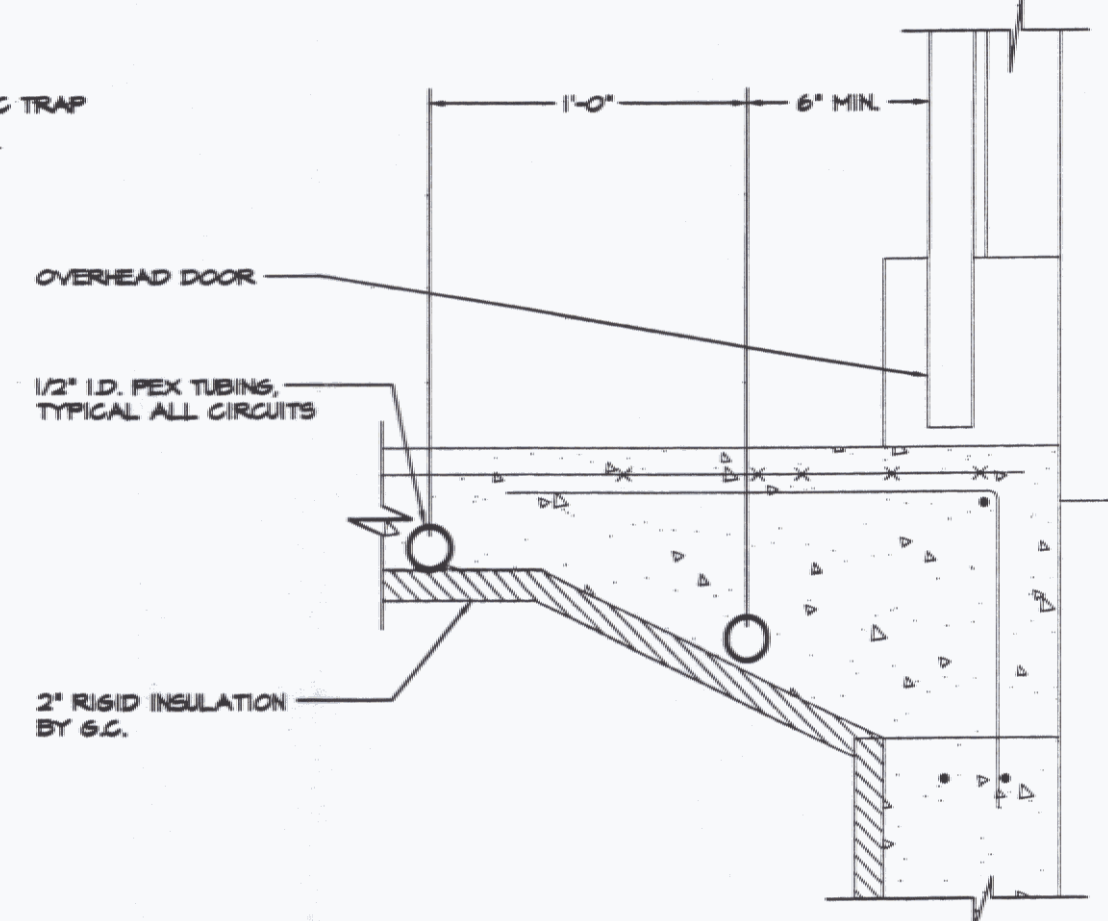


TYPICAL RADIANT TUBING DETAIL
NOT TO SCALE

1. PROVIDE SCHEDULE 40 PVC CONDUIT SLEEVE PROTECTION TO A MINIMUM OF 1\"/>



BOILER GAS VENTING DETAIL
NOT TO SCALE



SECTION AT OVERHEAD DOOR
NOT TO SCALE

CIRCULATOR PUMP SCHEDULE

No.	MANUFACTURER	SERIES	MODEL	MIN. GPM	HEAD (FT. HD.)	MOTOR				REMARKS
						HP	VOLT	PH	RPM	
P-1	TACO	00	0014	5.0	12	1/8	115	1	3250	HEADER 1 PUMP
P-2	TACO	00	0014	7.0	20	1/8	115	1	3250	HEADER 2 PUMP
P-3	TACO	00	0014	7.0	20	1/8	115	1	3250	HEADER 3 PUMP
P-4	TACO	00	0014	7.0	20	1/8	115	1	3250	HEADER 4 PUMP
P-5	TACO	00	0014	7.0	20	1/8	115	1	3250	FUTURE PUMP
P-6	TACO	-	121	38	12	1/4	115	1	1725	SYSTEM PUMP
P-7	TACO	00	0011	25	5	1/8	115	1	3250	BOILER PUMP, NOTE 1

NOTE:
1) PUMP PROVIDED WITH BOILER AND SHIPPED LOOSE FOR FIELD INSTALLATION.

EXHAUST FAN SCHEDULE

No.	MANUFACTURER	MODEL	CFM	E.S.P.	TYPE	RPM	MODEL			REMARKS
							H.P.	VOLT	PH	
EF-1	GREENHECK	SB-2H24-S	9400	0.30	SIDEMALL	1010	1/2	115	1	NOTE 1

NOTE:
1) PROVIDE WALL SLEEVE, LOW LEAKAGE BACKDRAFT DAMPER, EXPLOSION PROOF MOTOR, SPARK PROOF FAN BLADE, OSHA SIDE MOTOR GUARD AND WEATHERHOOD WITH BIRDSCREEN. WEATHERHOOD TO BE PROVIDED WITH A BAKED ENAMEL FINISH, COLOR SELECTED BY ARCHITECT.

LOUVER SCHEDULE

No.	MANUFACTURER	SERIES	MODEL	SIZE	AIR PAT	DAMPER	FINISH	REMARKS
L-1	RUSKIN	ELF	ELF-3750X	48\"/>				

NOTES:
1) COORDINATE EXACT WIDTH TO MATCH WINDOW ABOVE.
2) PROVIDE GALVANIZED BIRDSCREEN.
3) COLOR OF LOUVER TO BE SELECTED BY ARCHITECT.



1	BIDDING	04/15/2006
NO.	ISSUED FOR	DATE

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MECHANICAL DETAILS & SCHEDULES

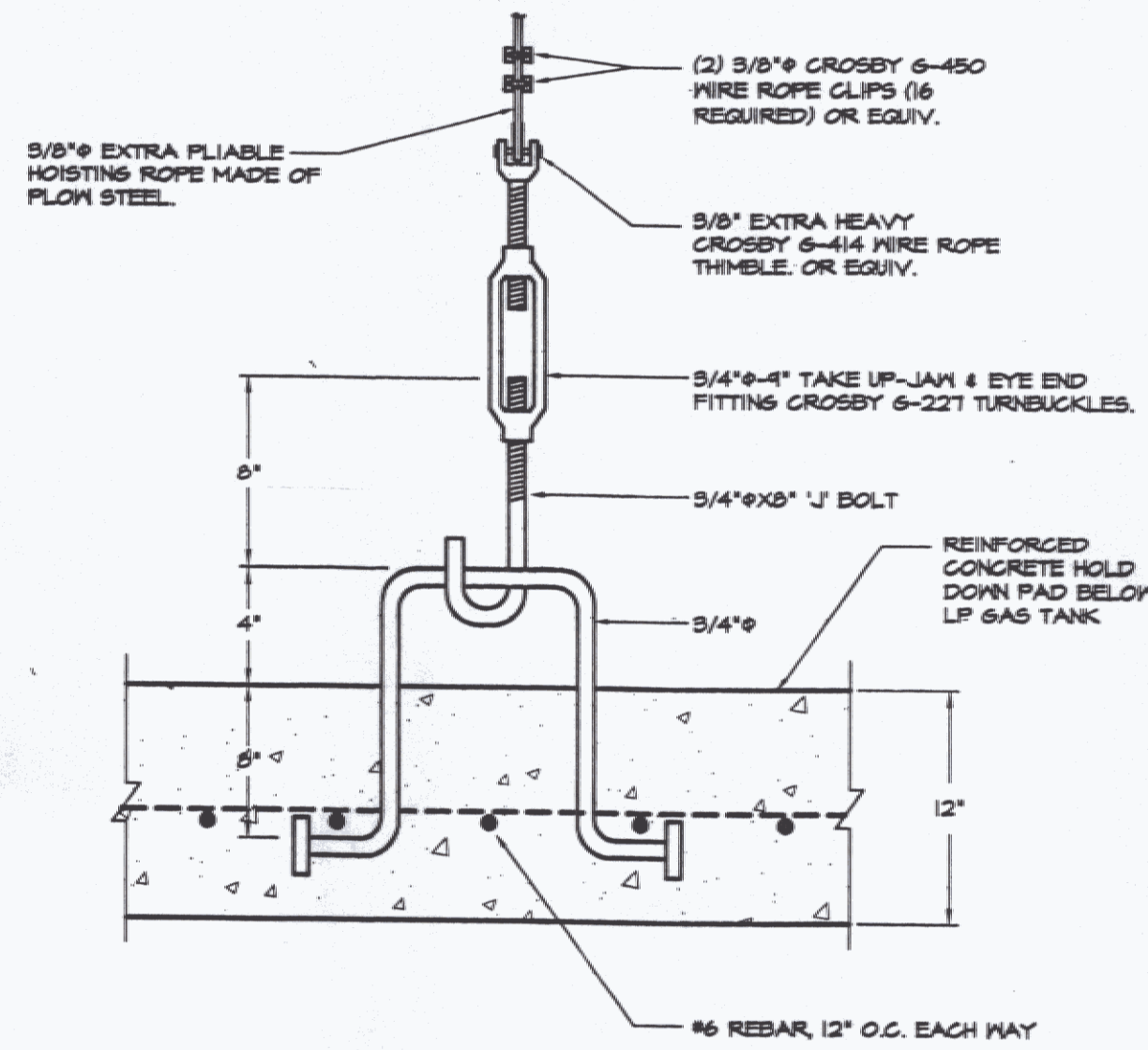
NEW SNOW REMOVAL EQUIPMENT BUILDING
VERMONT AGENCY OF TRANSPORTATION
CLARENDON, VERMONT

APPR: DWD DRAWN: DWD/GJT SCALE: AS NOTED PROJ. NO. 0312-24

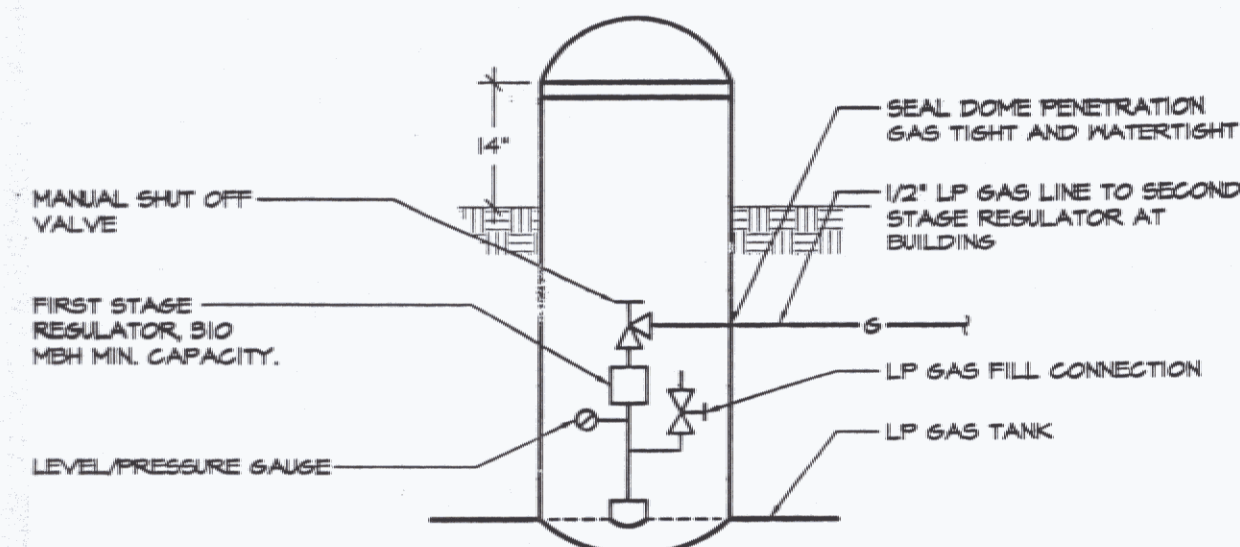
M
2

MECHANICAL LEGEND AND ABBREVIATIONS

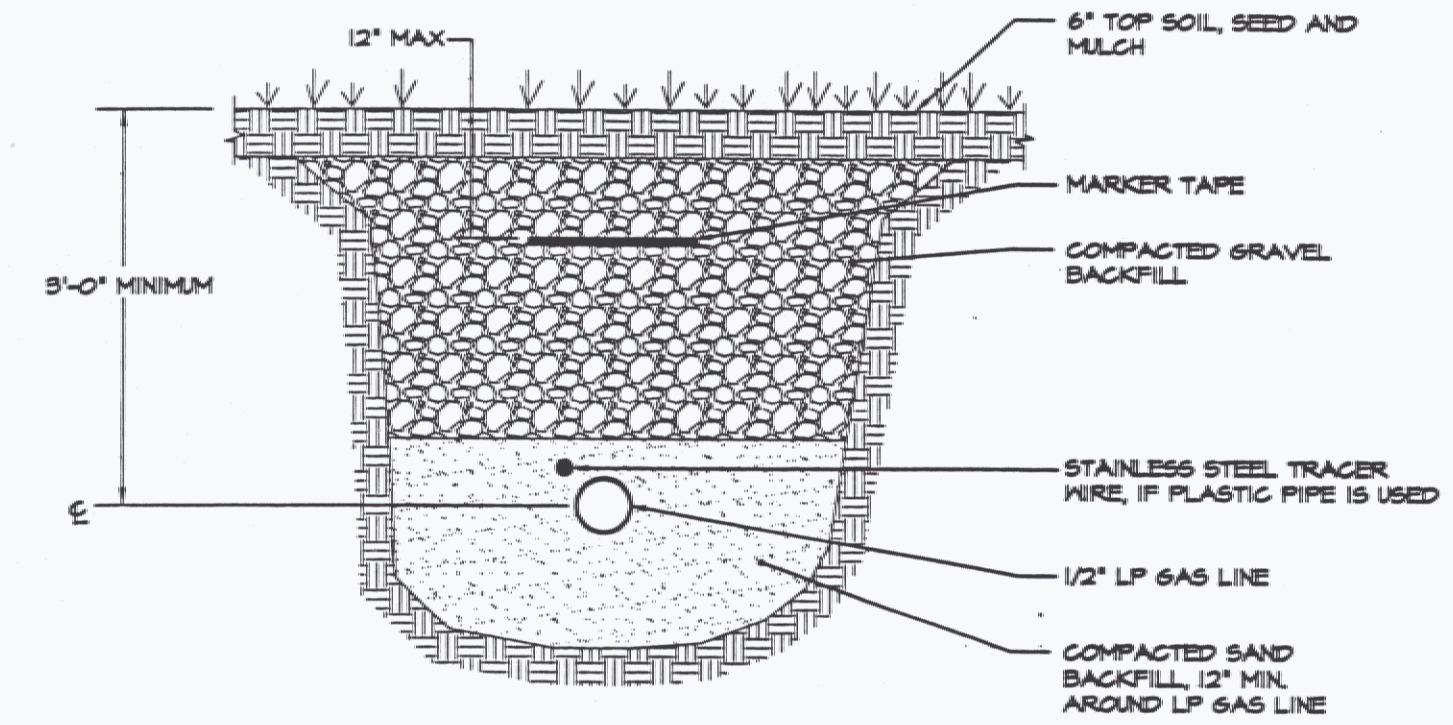
- NEW DUCTWORK
- RETURN DUCT DOWN
- EXHAUST FAN
- MOTORIZED DAMPER
- HOT WATER SUPPLY
- HOT WATER RETURN
- LP GAS PIPING
- IN-LINE PUMP
- PIPE UNION
- PIPE RISER
- PIPE DROP
- PIPE CAP
- BOTTOM PIPE CONNECTION
- TOP PIPE CONNECTION
- BALL VALVE
- CHECK VALVE
- BALANCING VALVE
- DRAIN VALVE
- BACK FLOW PREVENTER
- STRAINER W/ BLOW DOWN VALVE
- 2-WAY VALVE
- 3-WAY VALVE
- AIR VENT
- PRESSURE GAUGE
- TEMPERATURE SENSOR
- PRESSURE RELIEF VALVE (PRV)
- TEMPERATURE GAUGE
- LP GAS REGULATOR
- THERMOSTAT, SUBSCRIPTS: E = 120V ELECTRIC, # = ZONE
- AIR FLOW INDICATOR
- A.F.F. ABOVE FINISHED FLOOR
- B.D.D. BACK DRAFT DAMPER
- M.C. MECHANICAL CONTRACTOR
- P.C. PLUMBING CONTRACTOR
- E.C. ELECTRICAL CONTRACTOR
- G.C. GENERAL CONTRACTOR
- SECTION NUMBER
- DWS. NUMBER
- EXHAUST FAN
- LOUVER
- RADIANT HEATING SYSTEM HEADER
- DRAWING NOTE TAG
- PUMP TAG
- EQUIPMENT TAG



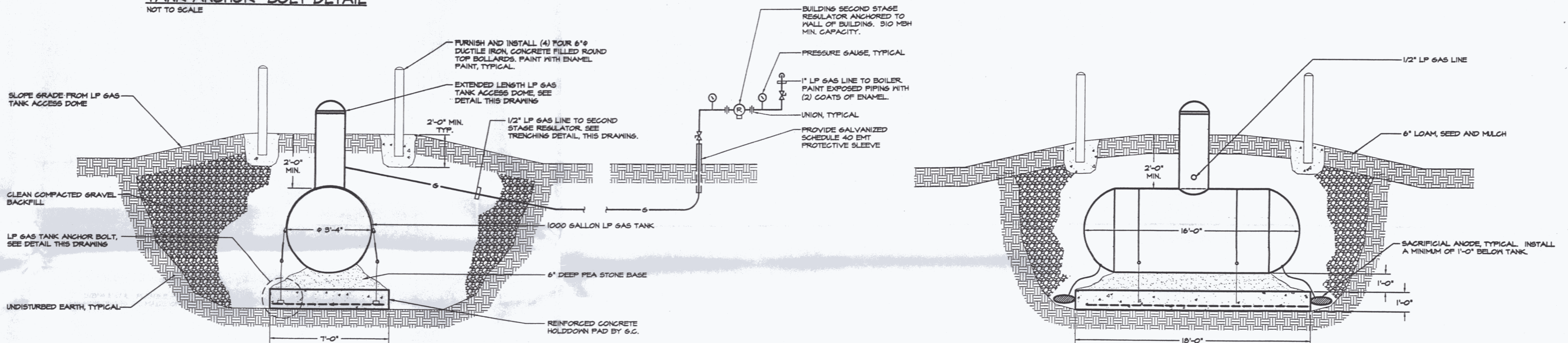
TANK ANCHOR BOLT DETAIL
NOT TO SCALE



LP GAS TANK ACCESS DOME DETAIL
NOT TO SCALE

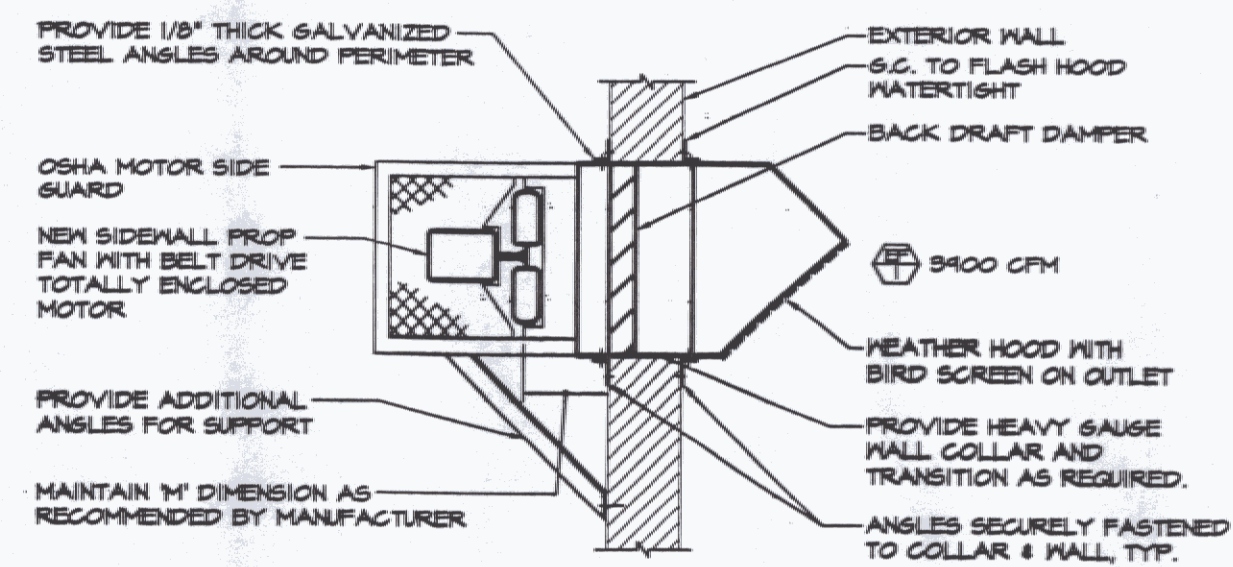


LP GAS SUPPLY PIPE TRENCHING DETAIL
NOT TO SCALE

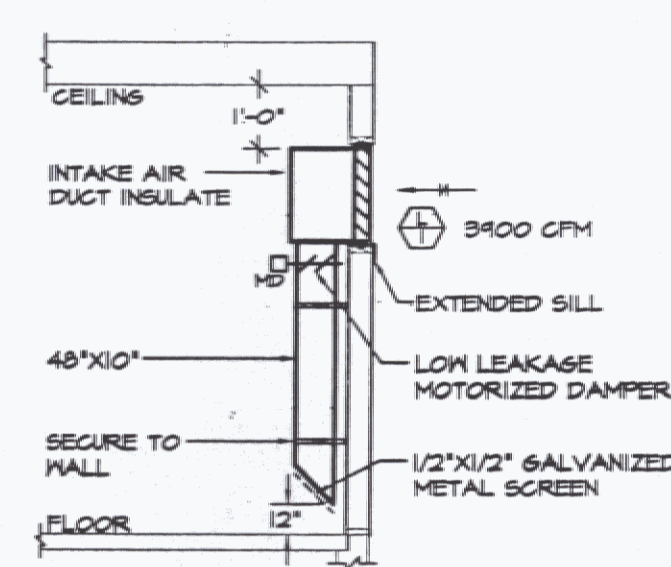


UNDERGROUND LP GAS TANK DETAILS
NOT TO SCALE

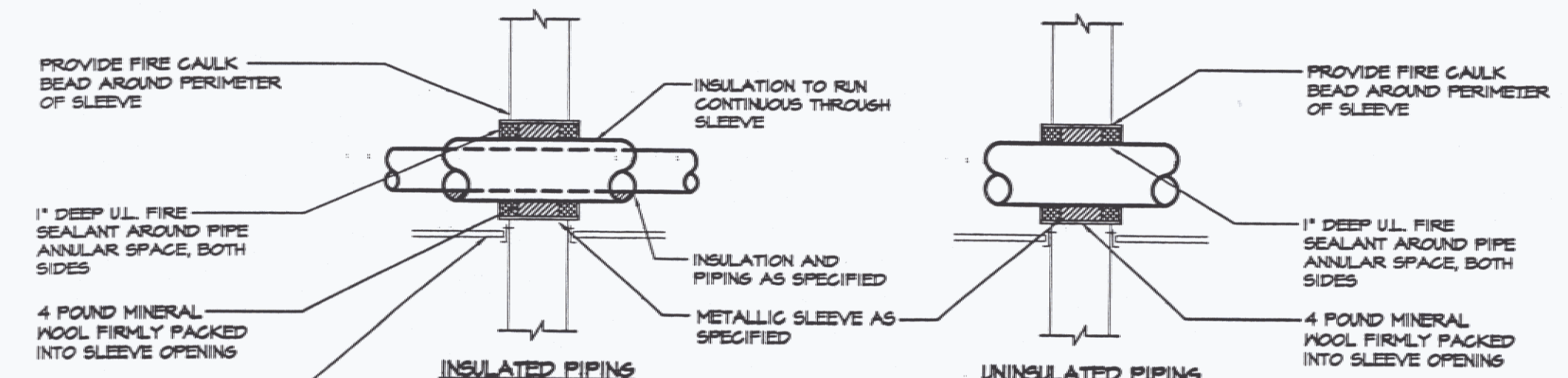
NOTE:
TANK REGULATORS, PIPING AND ACCESSORIES, INCLUDING FIRST AND SECOND STAGE REGULATORS, TO BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. COORDINATE WITH G.C. FOR REQUIRED EXCAVATION AND BACKFILL.



SIDEWALL EXHAUST FAN DETAIL
NOT TO SCALE

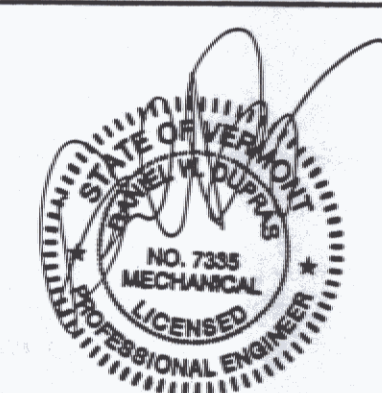


INTAKE LOUVER DETAIL
NOT TO SCALE



WALL PIPE PENETRATION DETAILS
NOT TO SCALE

NOTE:
1) FOLLOW FIRE SEALANT MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS IN CONJUNCTION WITH REQUIREMENTS AS DETAILED.
2) ALL WALL PIPE PENETRATIONS SHALL BE INSTALLED PER THIS DETAIL.
3) DETAIL BASED ON STI "SPEC-SEAL" FIRE STOPPING PRODUCTS, ALTERNATE MANUFACTURER'S INSTALLATION REQUIREMENTS MAY VARY.
4) PENETRATIONS OF BOILER ROOM CEILING SHALL BE INSTALLED SIMILAR TO THIS DETAIL.



NO.	ISSUED FOR	DATE
1	BIDDING	04/15/2006

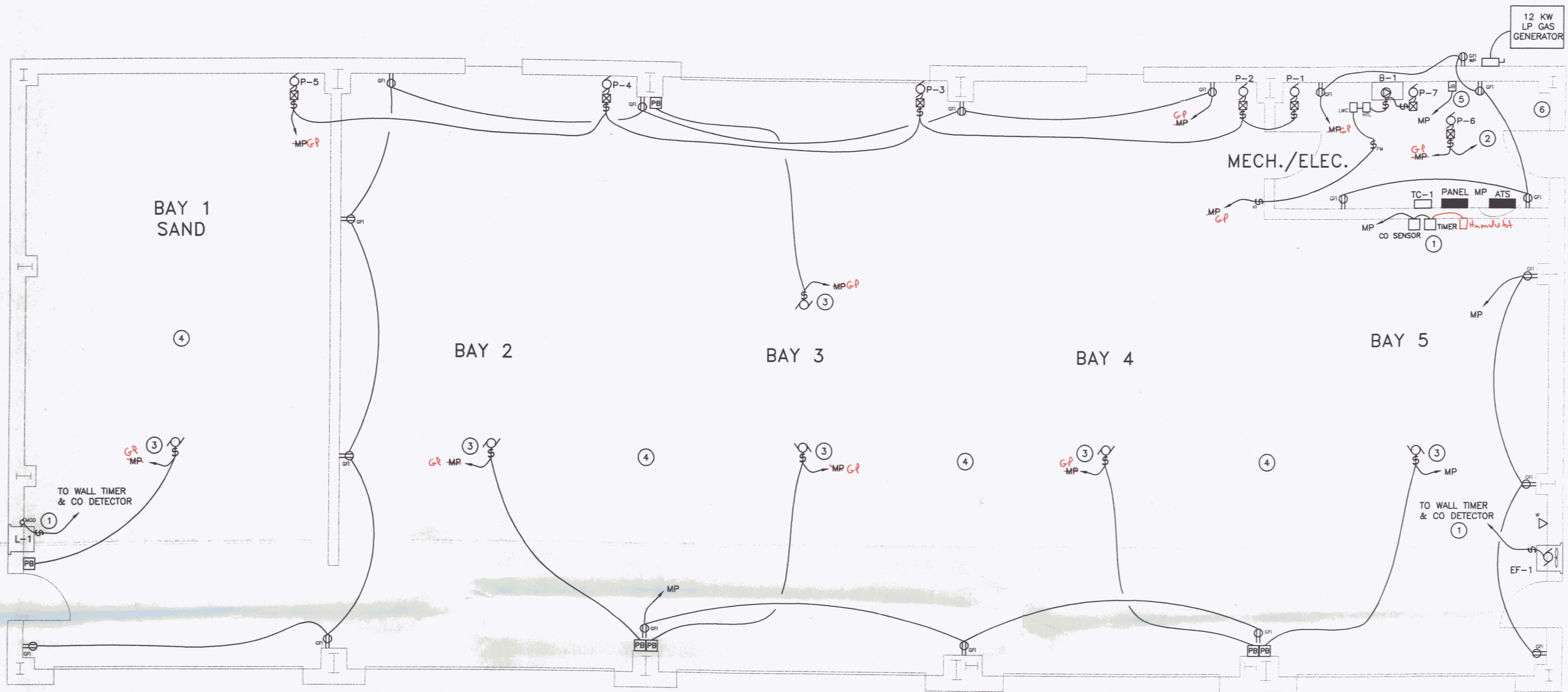
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MECHANICAL DETAILS & LEGEND				M 3
NEW SNOW REMOVAL EQUIPMENT BUILDING VERMONT AGENCY OF TRANSPORTATION CLARENDON, VERMONT				
APPR.	DVD	DRAWN: DVD/SGJT	SCALE: AS NOTED	PROJ. NO. 0912-24



ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"
HORIZONTAL SCALE IN FEET

PANEL: MP AMPS: 150 MAIN CIRCUIT BREAKER AMPS FAULT CURRENT WITHSTAND: 10K NOTES: SERVICE RATED TOTAL LOAD: 40.5 KW			LOCATION: BREAK ROOM 120/240 VOLTS 1 PHASE 3 WIRE SURFACE MOUNT				
NO	BREAKER AMPS	KW LOAD	DESCRIPTION	NO	BREAKER AMPS	KW LOAD	DESCRIPTION
1	20	0.6	RECEPTACLES GFI	2	20	0.7	EXHAUST FAN <i>Space</i>
3	20	0.6	RECEPTACLES GFI	4	20	1.5	GARAGE DOOR
5	20	1.3	RECEPTACLES GFI <i>Space</i>	6	20	1.5	GARAGE DOOR <i>Space</i>
7	20	0.5	HEATING CONTROL POWER <i>Space</i>	8	20	1.5	GARAGE DOOR <i>Space</i>
9	20	1.5	BOILER B-1/PUMP P=7 <i>Space</i>	10	20	1.5	GARAGE DOOR
11	20	1.0	CIRC. PUMPS P=1 THRU P=5 <i>Space</i>	12	20	1.5	GARAGE DOOR
13	20	0.7	CIRC. PUMPS P=6 <i>Space</i>	14	20	1.5	GARAGE DOOR
15	20		SPARE	16	20	1.7	BAY LIGHTING
17	20		SPARE	18	20	1.0	OUTDOOR BUILDING LIGHTING
19	70A		ATS <i>Generator Panel (GP)</i>	20	20	0.6	MECH. ROOM RECEPTACLES <i>Space</i>
21			SPARE	22	20	0.6	AIRPORT LIGHTS <i>Space</i>
23			SPARE	24	20	0.2	GENERATOR POWER <i>Space</i>
25			SPARE	26	20	0.2	GENERATOR BATTERY CHARGER
27			SPARE	28	20		SPARE <i>Exhaust Fan and Louver</i>
29			SPARE	30	20		SPARE <i>Motor</i>

* DENOTES CONNECTION THRU GENERATOR TRANSFER SWITCH

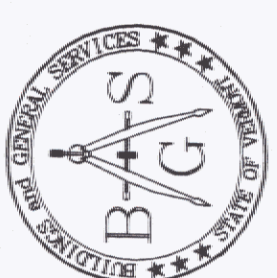
Generator Panel (GP)

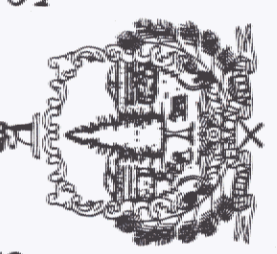
7 Bay Lighting	2 Airport Lights
3 Bay GFI Recept	4 Garage Door
5 Mech. Room Recept + Lights	
7 Circ. Pump P-6	
9 Boiler B-1 / Pump P-7	
11 Circ. Pump P-1 thru P-5	

- KEYED NOTES:**
- TO EXHAUST FAN & INTAKE LOUVER. CO SENSOR & TIMER SWITCH PROVIDED BY MC, WIRED BY EC.
 - 120V LINE TO OUTDOOR AIR SENSOR, COORD. WITH MC.
 - OVERHEAD DOOR OPENER. PROVIDE WIRING TO REMOTE DOOR OPENING STATION. COORDINATE LOCATION & WIRING REQUIREMENTS WITH OWNER & EQUIPMENT SUPPLIER.
 - ALL WIRING IN THIS AREA SHALL CONFORM TO NEC ARTICLE #513. ALL RECEPTACLES SHALL BE MOUNTED AT 24" AFF.
 - PROVIDE 120V CIRCUIT & JB FOR USE BY MC FOR CONTROL WIRING. COORD. EXACT LOCATION WITH MC.
 - TELEPHONE SERVICE TERMINATION AREA.
 - NEW GENERATOR & TRANSFER SWITCH PROVIDED BY OWNER. CONCRETE PAD & GAS CONNECTION PROVIDED BY OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OTHER INSTALLATIONS & ALL WIRING.

ELECTRICAL LEGEND

[Symbol]	FLUORESCENT FIXTURE
[Symbol]	LIGHT FIXTURE
[Symbol]	SWITCH - SINGLE POLE
[Symbol]	SWITCH - SINGLE POLE WITH GAS BURNER PLATE
[Symbol]	SWITCH - 3-WAY
[Symbol]	SWITCH - 4-WAY
[Symbol]	ATS AUTOMATIC TRANSFER SWITCH
[Symbol]	PUSH-BUTTON STATION, PROVIDED BY ES, WIRED BY EC.
[Symbol]	MOTOR STARTER PROV. BY MC, INSTALLED BY EC
[Symbol]	SAFETY DISCONNECT PROV. AND INSTALLED BY EC. PANEL
[Symbol]	BRANCH CIRCUIT
[Symbol]	JUNCTION BOX
[Symbol]	DUPLEX RECEPTACLE
[Symbol]	QUAD RECEPTACLE
[Symbol]	DUPLEX RECEPTACLE - COUNTER HEIGHT
[Symbol]	DUPLEX RECEPTACLE-GFCI PROTECTED
[Symbol]	WP WEATHERPROOF, NEMA 3R RATED
[Symbol]	AFF ABOVE FINISH FLOOR
[Symbol]	EC ELECTRICAL CONTRACTOR (DIVISION 16)
[Symbol]	MC MECHANICAL CONTRACTOR (DIVISION 15)
[Symbol]	GC GENERAL CONTRACTOR
[Symbol]	ES EQUIPMENT SUPPLIER
[Symbol]	TYP. TYPICAL OF ALL
[Symbol]	NEC NATIONAL ELECTRIC CODE
[Symbol]	HTL HIGH TEMP. LIMIT SWITCH, PROV. BY MC, WIRED BY EC
[Symbol]	LWC LOW WATER CUTOFF, PROV. BY MC, WIRED BY EC
[Symbol]	MOTOR
[Symbol]	MOTOR-OPERATED DAMPER
[Symbol]	PS PRESSURE SWITCH
[Symbol]	PHONE LOCATION (4" SQUARE BOX WITH 3/4" CONDUIT TO TELEPHONE TERMINATION AREA. PROVIDE EXTENSION RINGS (MUD RINGS) AS REQUIRED.
[Symbol]	PC PHOTOCELL
[Symbol]	TC-1 TIMECLOCK, 2-CIRCUIT, DIGITAL, ASTRONOMICAL, PROGRAMMABLE


STATE OF VERMONT
 Department of Buildings and General Services
 Agency of Administration
 Montpelier, Vermont


Pearson & Associates
 MECHANICAL & ELECTRICAL ENGINEERS
 P.O. BOX 610 STOWE, VERMONT 05672
 TEL: (802) 253-9807 FAX: (802) 253-9290
 EMAIL: pearson@stowvt.net

AGENCY OF TRANSPORTATION
NEW SNOW REMOVAL EQUIPMENT
BUILDING AT THE CLARENDON
AOT GARAGE
 CLARENDON VERMONT

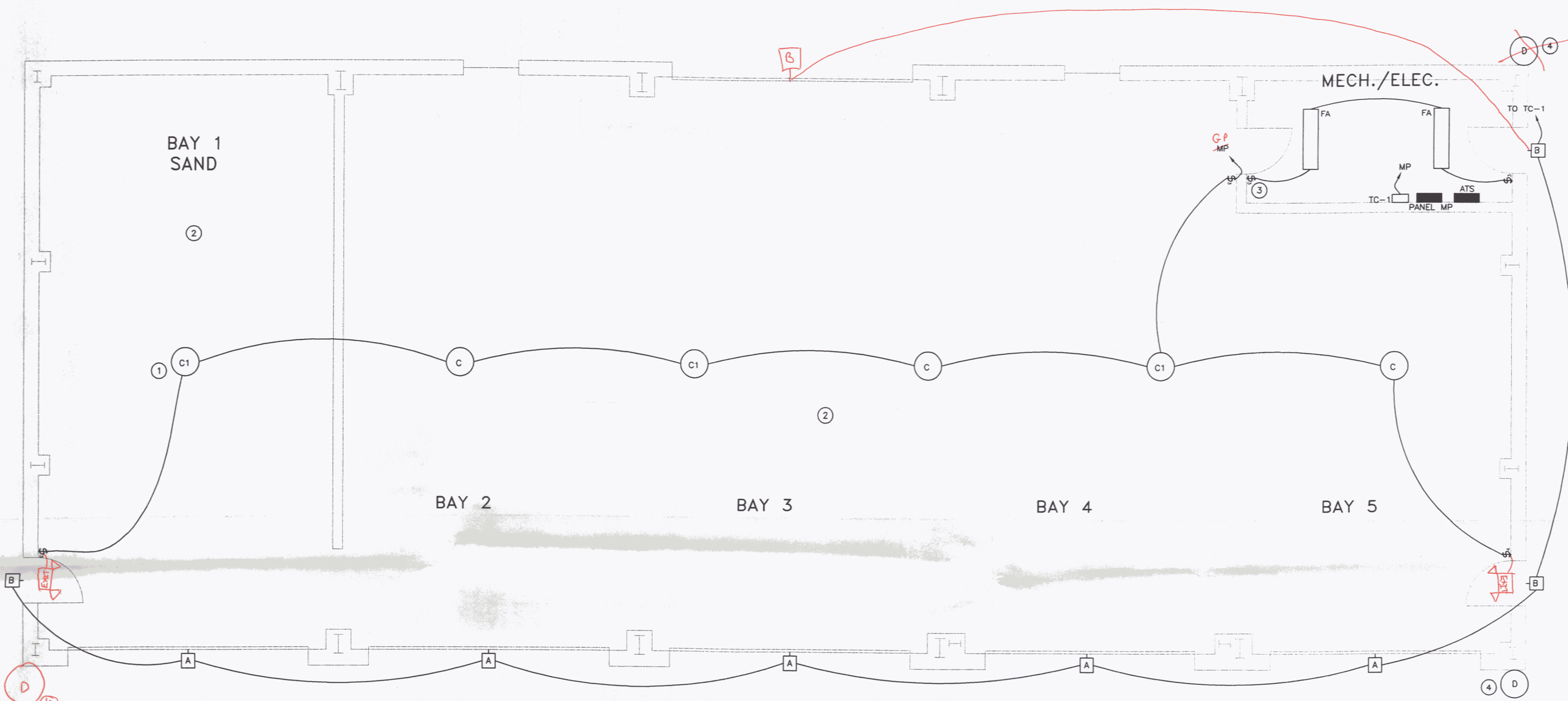
REVISIONS	SCALE: AS SHOWN	DATE: 4-15-2006	DRAWN BY: ASG	APPR. BY: EEP

AGENCY OF TRANSPORTATION
SNOW REMOVAL EQUIPMENT
BUILDING
ELECTRICAL PLAN

E-1

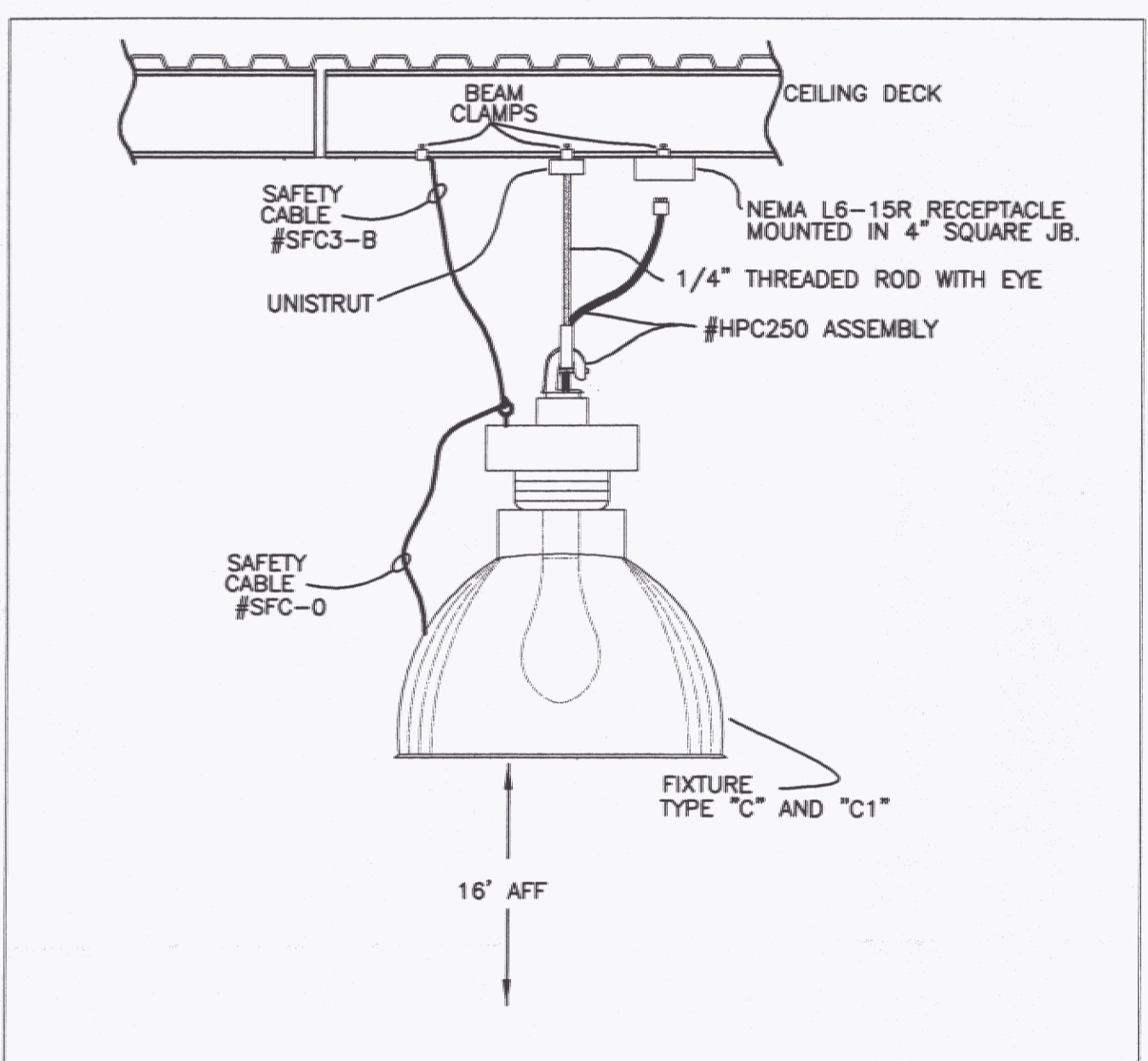
1 OF 3

As Built 1/12/07 Lighthouse



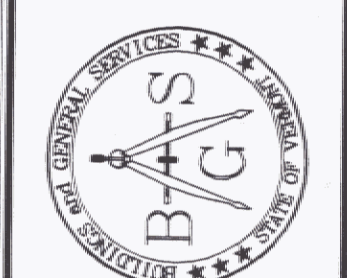
- KEYED NOTES:**
- 1 MOUNT THIS FIXTURE TIGHT TO STRUCTURE.
 - 2 ALL WIRING IN THIS AREA SHALL CONFORM TO NEC ARTICLE #513. ALL RECEPTACLES SHALL BE MOUNTED AT 20" AFF.
 - 3 CONNECT LIGHTING TO RECEPTACLE CIRCUIT IN THIS ROOM.
 - 4 BUILDING MARKER LIGHTS, WIRE TO UNSWITCHED DEDICATED CIRCUIT.

ELECTRICAL LIGHTING PLAN
 SCALE: 1/4" = 1'-0"
 HORIZONTAL SCALE IN FEET

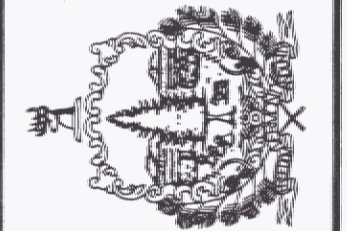


TYPE "C" & "C1" FIXTURE MOUNTING DETAIL
 NO SCALE

LIGHTING FIXTURE SCHEDULE				
TYPE	MANUFACTURER & MODEL	MOUNTING	LAMPS	REMARKS
A	RUUD MACW410-1P	SURFACE WALL MOUNT	(1)-100W MH	WITH PHOTOCELL MOUNT AT 15' AFG
B	RUUD E4405-1P-J-V	SURFACE	(1)-50W MH	WITH PHOTOCELL MOUNT OVER DOORS
C	GE V2G-25PQA-4EA5 SFC-0 SFC3-B HCP250	PENDANT	(1)-250W MH COATED PULSE START	MOUNT AT 16' AFF
C1	GE V2G-25PQA-4EA5Q SFC-0 SFC3-B HCP250	PENDANT	(1)-250W MH COATED PULSE START	SAME AS ABOVE WITH QUARTZ RE-STRIKE
D	CROUSE-HINDS 40940-116-GR	ABOVE ROOFLINE	INCLUDED	MOUNT FIXTURE ON 1/2" RIGID CONDUIT, 24" ABOVE ROOFLINE
FA	METALUX DIM-232-120-EB81	CHAIN HUNG	(2)-F032TB 3500 K	WITH WIRE GUARDS
EF-1	EXHAUST FAN - PROVIDED & INSTALLED BY MC			WIRING BY EC



STATE OF VERMONT
 Department of Buildings
 and General Services
 Agency of Administration
 Montpelier, Vermont



Pearson & Associates
 MECHANICAL & ELECTRICAL ENGINEERS
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 TEL. (802) 253-9807 FAX. (802) 253-9290
 EMAIL: pearson@stovewt.net

AGENCY OF TRANSPORTATION
 NEW SNOW REMOVAL EQUIPMENT
 BUILDING AT THE CLARENDON
 AOT GARAGE
 CLARENDON VERMONT

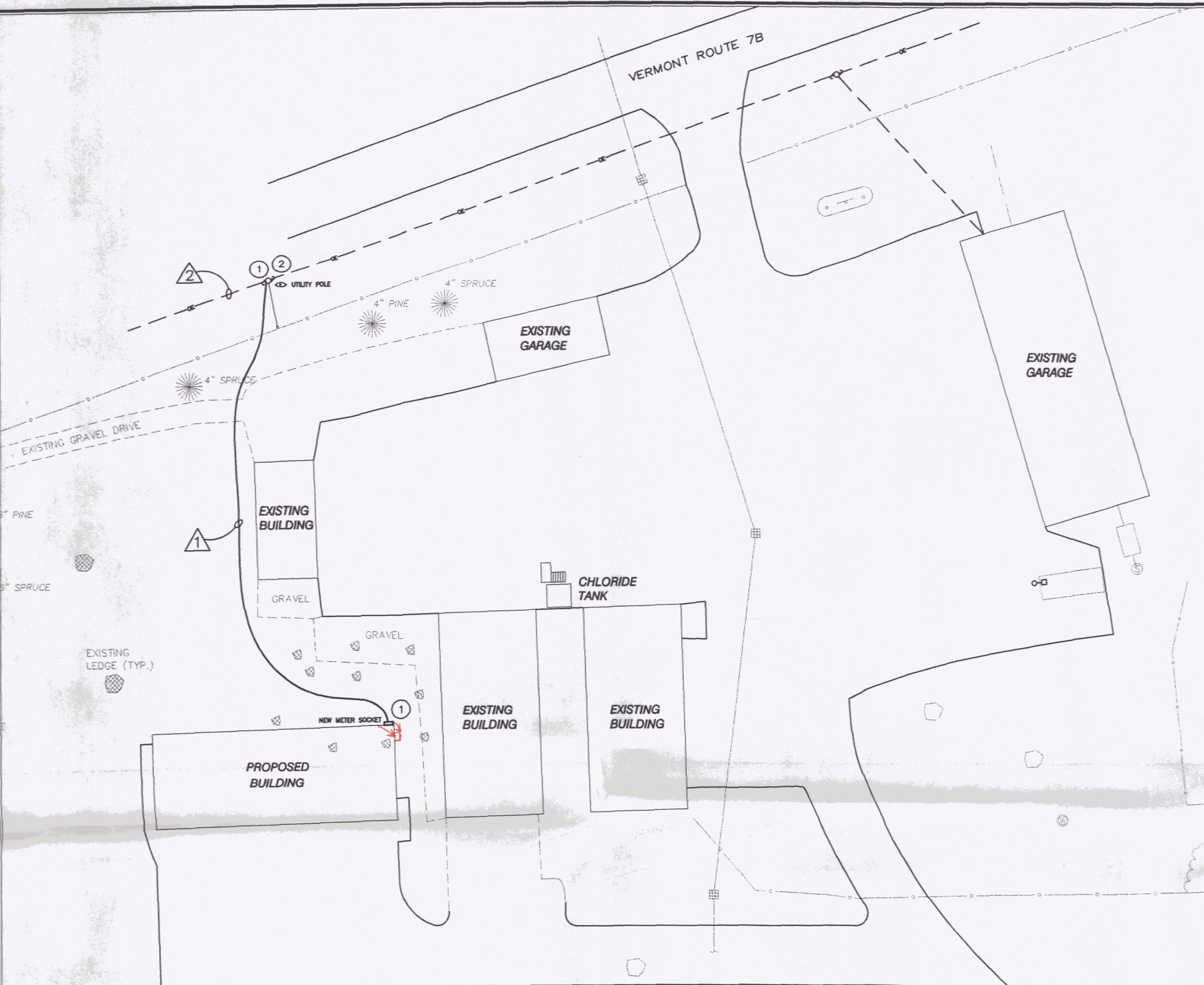
REVISIONS

SCALE: AS SHOWN	DATE: 4-15-2006
DRAWN BY: ASG	APPR. BY: EEP

AGENCY OF TRANSPORTATION
 SNOW REMOVAL
 EQUIPMENT
 BUILDING
 LIGHTING
 PLAN

E-2

2 OF 3



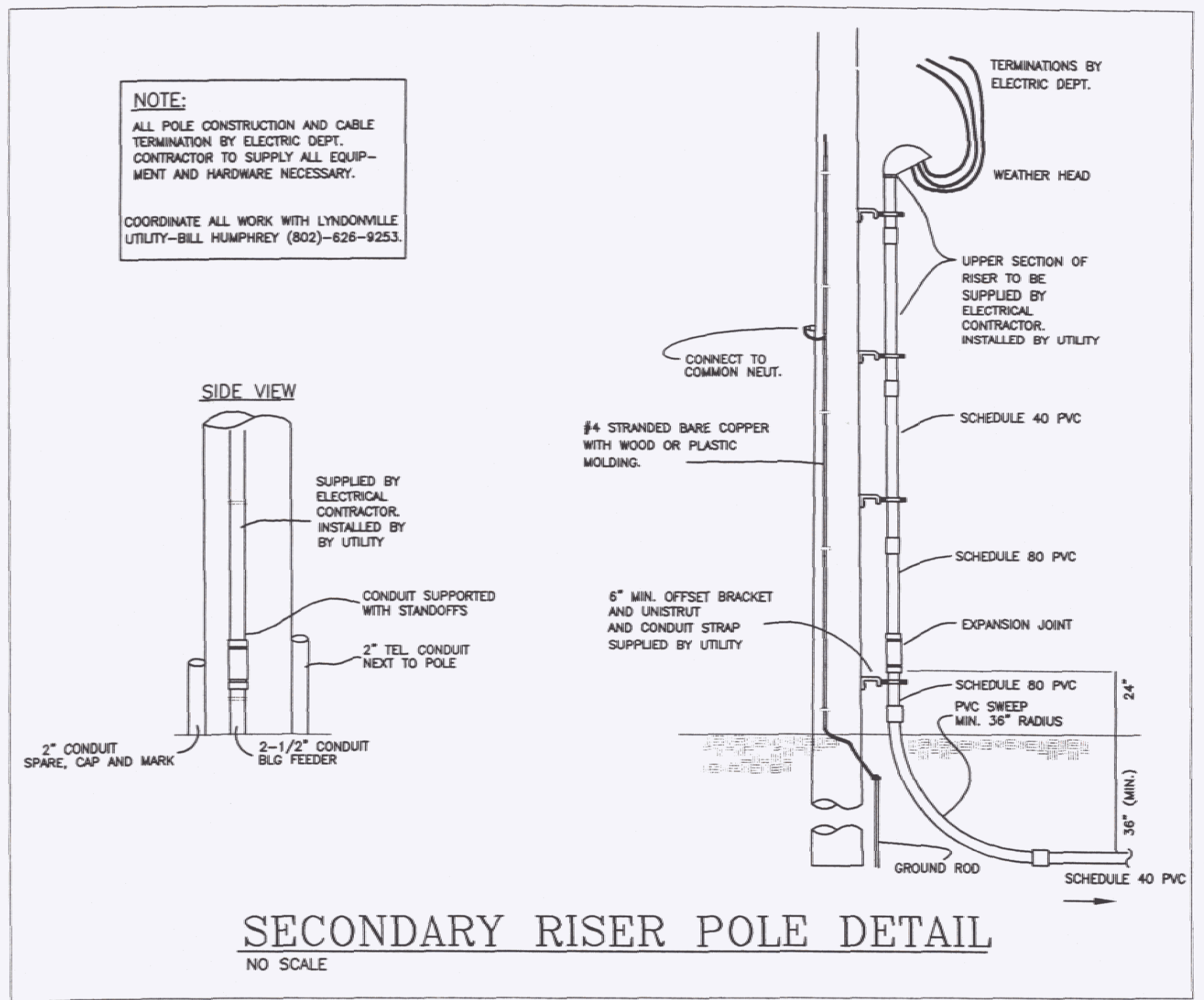
KEYED NOTES:

① COORD. ALL WORK WITH CVPS & VERIZON.

② REFER TO SECONDARY RISER DETAIL.

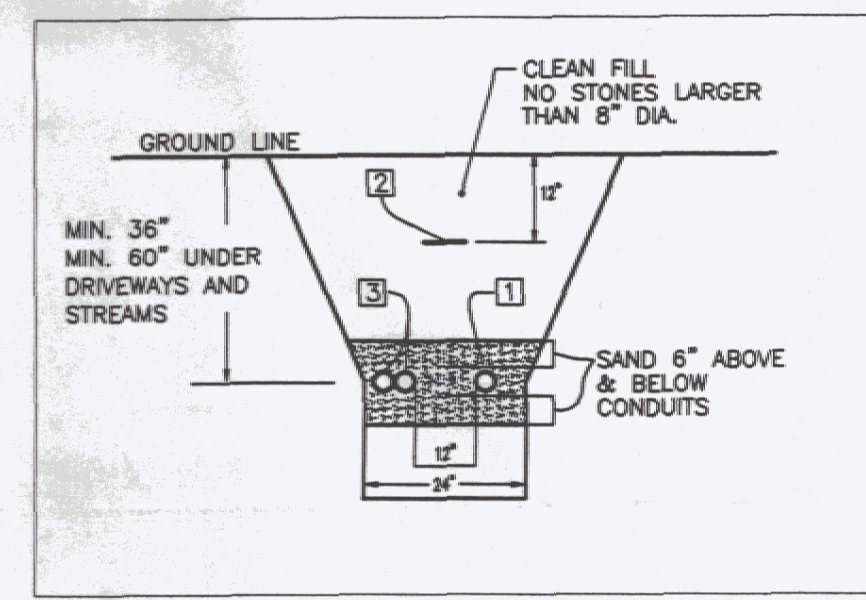
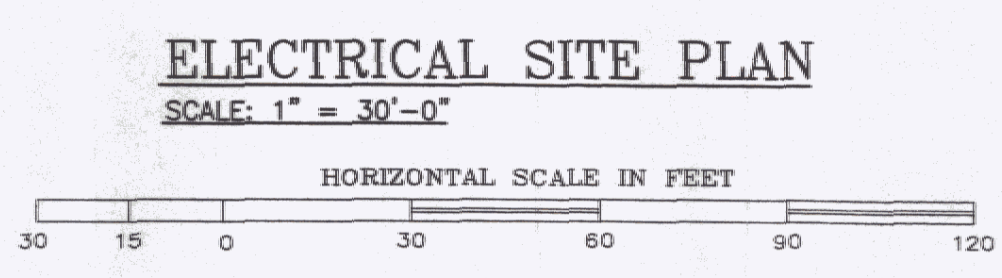
LEGEND

---	APPROXIMATE PROPERTY LINE
SS	GRAVITY SEWER LINE
FM	FORCE MAIN
W	WATER LINE
C	GAS LINE
ST	STORM DRAINAGE LINE
⊙	SEWER MANHOLE
⊕	STORM MANHOLE
⊛	HYDRANT
⊙	SHUT-OFF
⊕	POWER POLE
⊕	CATCH BASIN
⊕	LIGHT POLE
⊕	SIGN
⊕	DECIDUOUS TREE
⊕	CONIFEROUS TREE
---	EDGE OF BRUSH/WOODS
---	FENCE
---	NEW UNDERGROUND ELECTRIC



KEY

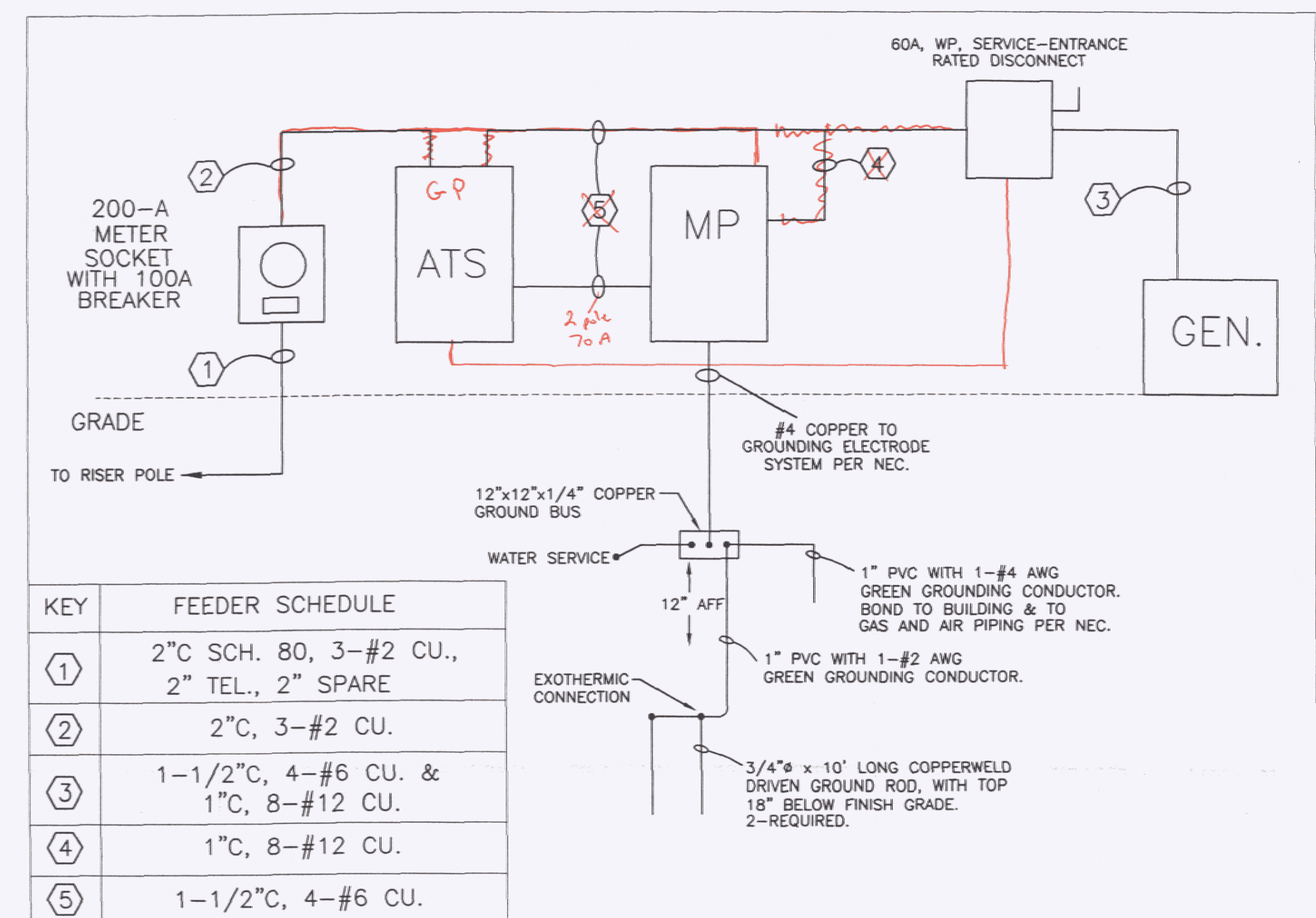
①	FEEDER SCHEDULE
②	2" PVC SCH. 80, 3-#2 CU., 2" TEL., 2" C SPARE
③	EXISTING OVERHEAD



KEYED NOTES

KEY	DESCRIPTION
①	SERVICE CABLE DUCT SHALL BE PVC SCHEDULE 80.
②	WARNING TAPE SHALL BE ELECTRIC LEGEND TYPE, ALLEN CAT.#ANT-1008-RE OR EQUAL (WARNING TAPE SHALL BE PLACED 12" BELOW SURFACE.)
③	TEL. DUCT SHALL BE PVC SCHEDULE 40. UNDER ROADS & DRIVEWAYS TO BE SCHEDULE 80. MAINTAIN 12" SEPARATION FROM ELECTRIC. PROVIDE SPARE 2" CONDUIT.

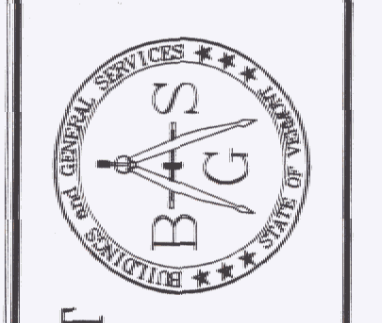
TRENCH DETAIL
NO SCALE



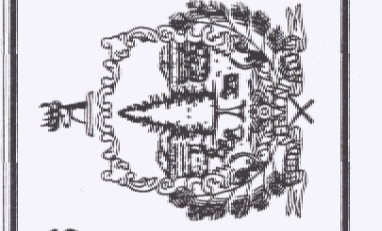
KEY

KEY	FEEDER SCHEDULE
①	2" C SCH. 80, 3-#2 CU., 2" TEL., 2" SPARE
②	2" C, 3-#2 CU.
③	1-1/2" C, 4-#6 CU. & 1" C, 8-#12 CU.
④	1" C, 8-#12 CU.
⑤	1-1/2" C, 4-#6 CU.

POWER ONE-LINE DIAGRAM
NO SCALE



STATE OF VERMONT
Department of Buildings and General Services
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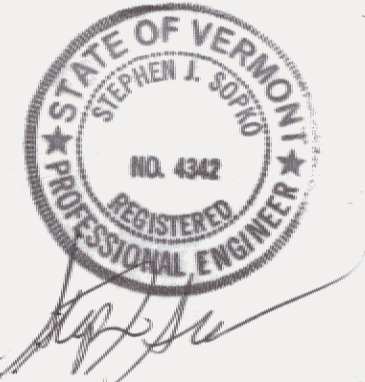
AGENCY OF TRANSPORTATION
NEW SNOW REMOVAL EQUIPMENT
BUILDING AT THE CLARENDON
AOT GARAGE
CLARENDON VERMONT

REVISIONS

SCALE: AS SHOWN
DATE: 4-15-2006
DRAWN BY: ASG
APPR. BY: EEP

AGENCY OF TRANSPORTATION
SNOW REMOVAL EQUIPMENT
BUILDING
SITE ELECTRICAL PLAN

E-3
3 OF 3



PROJECT NAME AND LOCATION:

**NEW SNOW REMOVAL
EQUIPMENT BUILDING**
VERMONT AGENCY OF TRANSPORTATION
CLARENDON, VERMONT

REVISIONS

NO.	DESCRIPTION	DATE

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DATE: 06/29/2006

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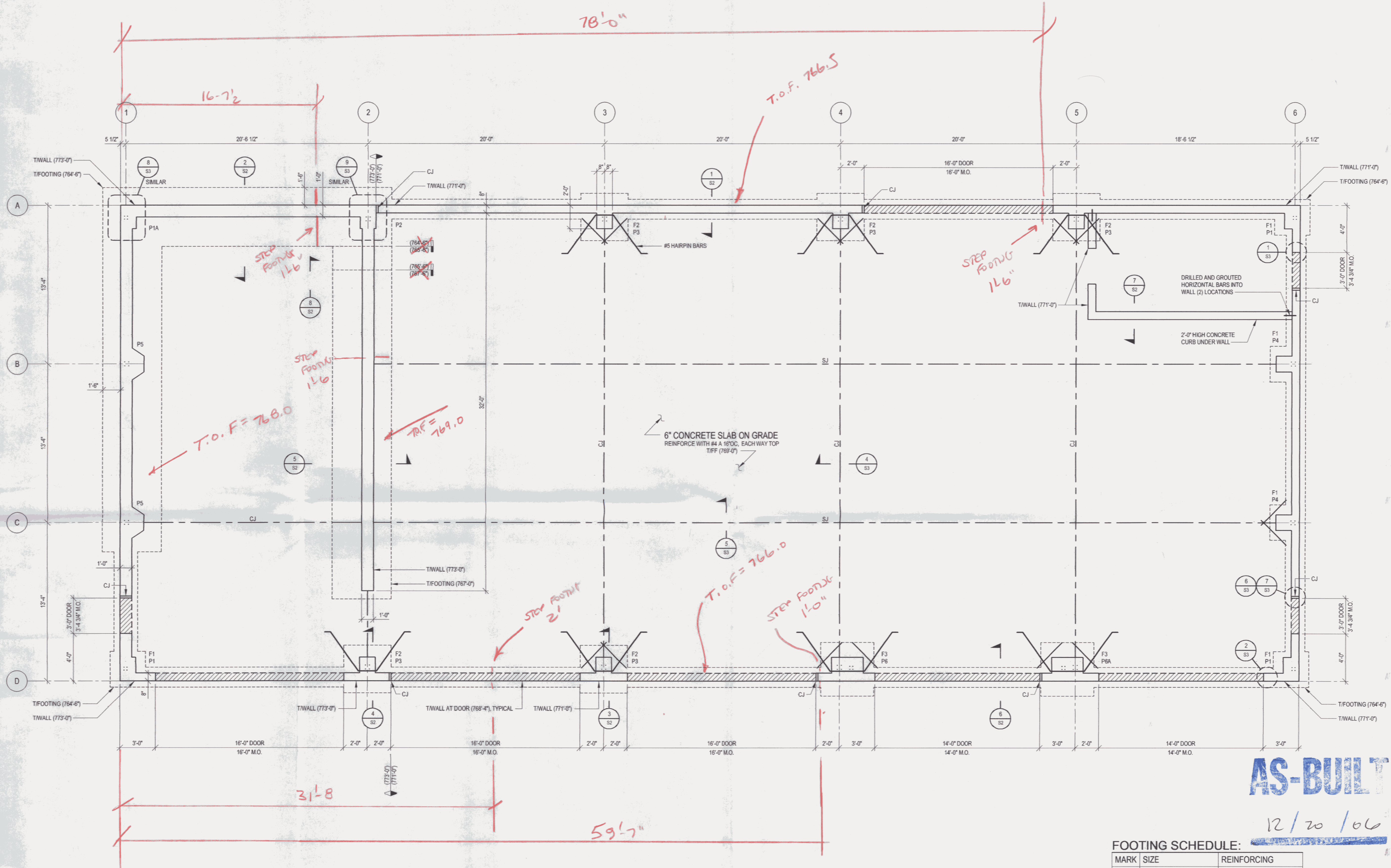
CHECKED BY: SJS

SHEET TITLE:

FOUNDATION PLAN

SHEET NUMBER:

S1



AS-BUILT

12/20/06

FOOTING SCHEDULE:

MARK	SIZE	REINFORCING
F1	3'-0" x 3'-0" x 1'-0"	(4) #5 EACH WAY BOTTOM
F2	4'-0" x 4'-0" x 1'-0"	(5) #5 EACH WAY BOTTOM
F3	4'-6" x 4'-6" x 1'-0"	(6) #5 EACH WAY BOTTOM

PLAN: FOUNDATION

1/4" = 1'-0"

NOTES:

- CJ - INDICATES CONSTRUCTION JOINT WITH DOWELS
- SJ - INDICATES CONTRACTION JOINT - STOP BARS EACH SIDE
- (LOW SIDE) - INDICATES FOOTING STEP.
(HIGH SIDE) - INDICATES WALL STEP.
- (LOW SIDE) - INDICATES WALL STEP.
(HIGH SIDE) - INDICATES WALL STEP.
- F# - INDICATES FOOTING TYPE. SEE FOOTING SCHEDULE.
- P# - INDICATES PIER TYPE. SEE DRAWING S4 FOR PIER DETAILS.

FOOTING STEPS ARE AS INDICATED DUE TO LEDGE THAT WAS ENCOUNTERED.

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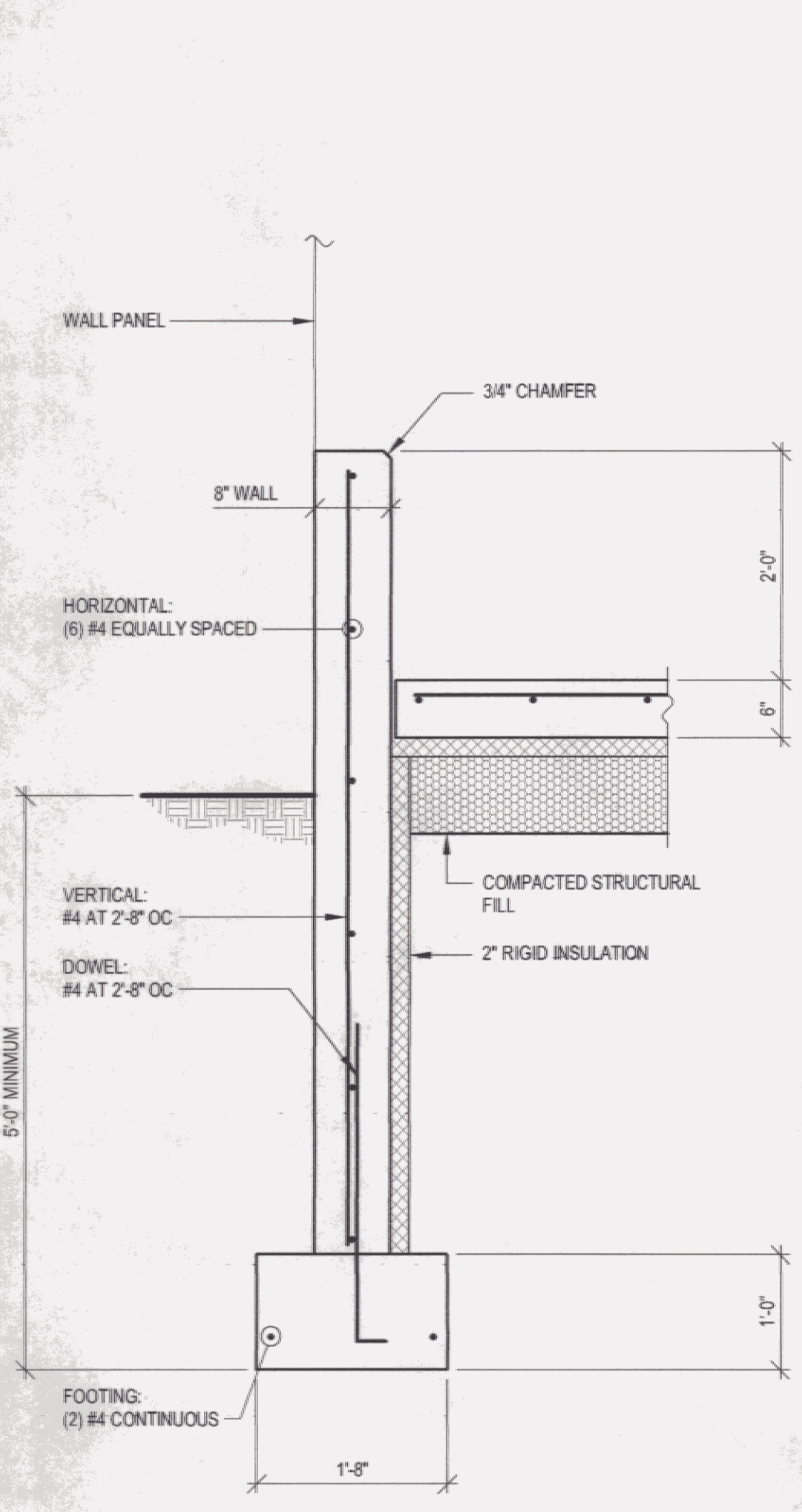
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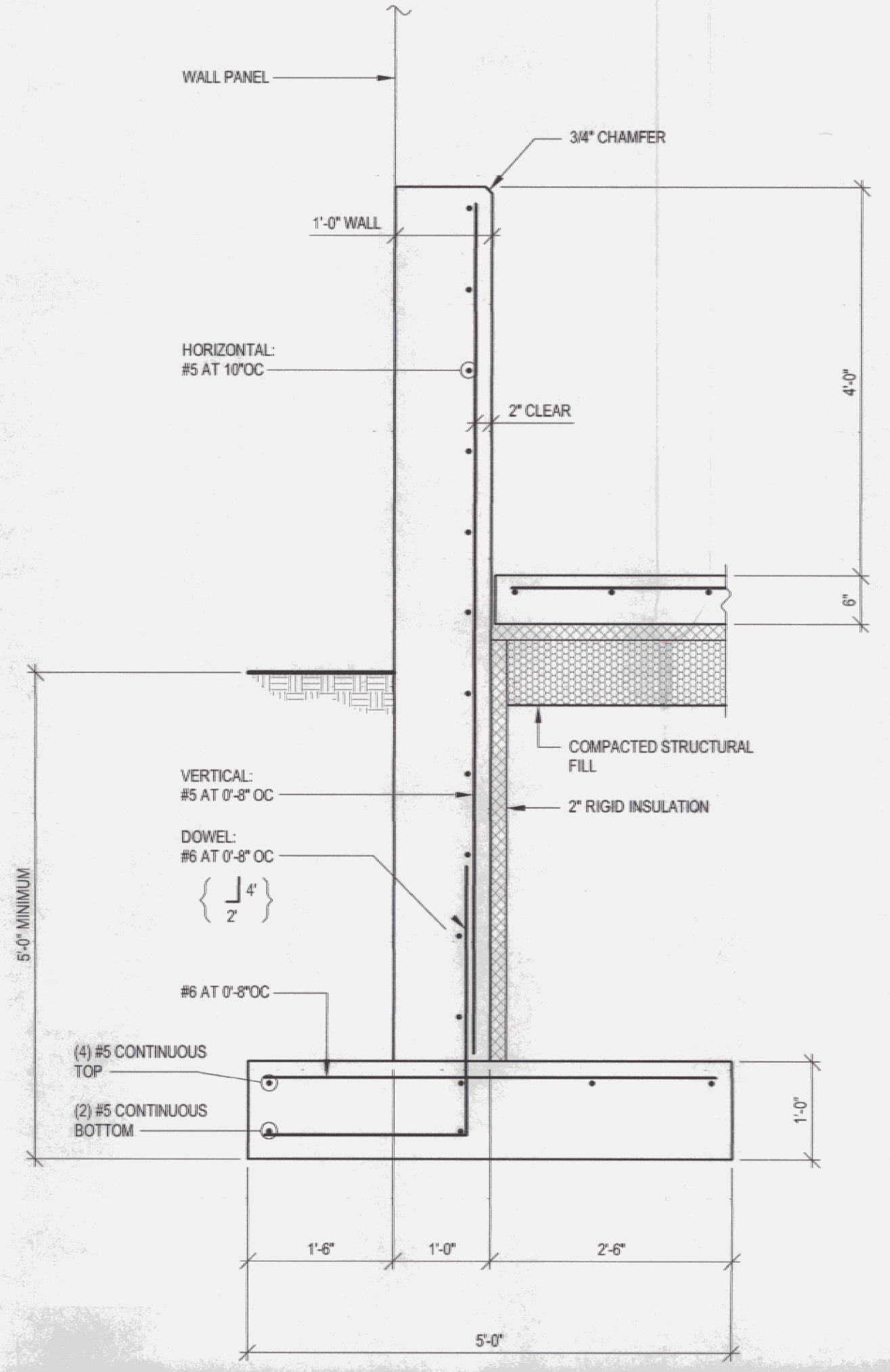


PROJECT NAME AND LOCATION:

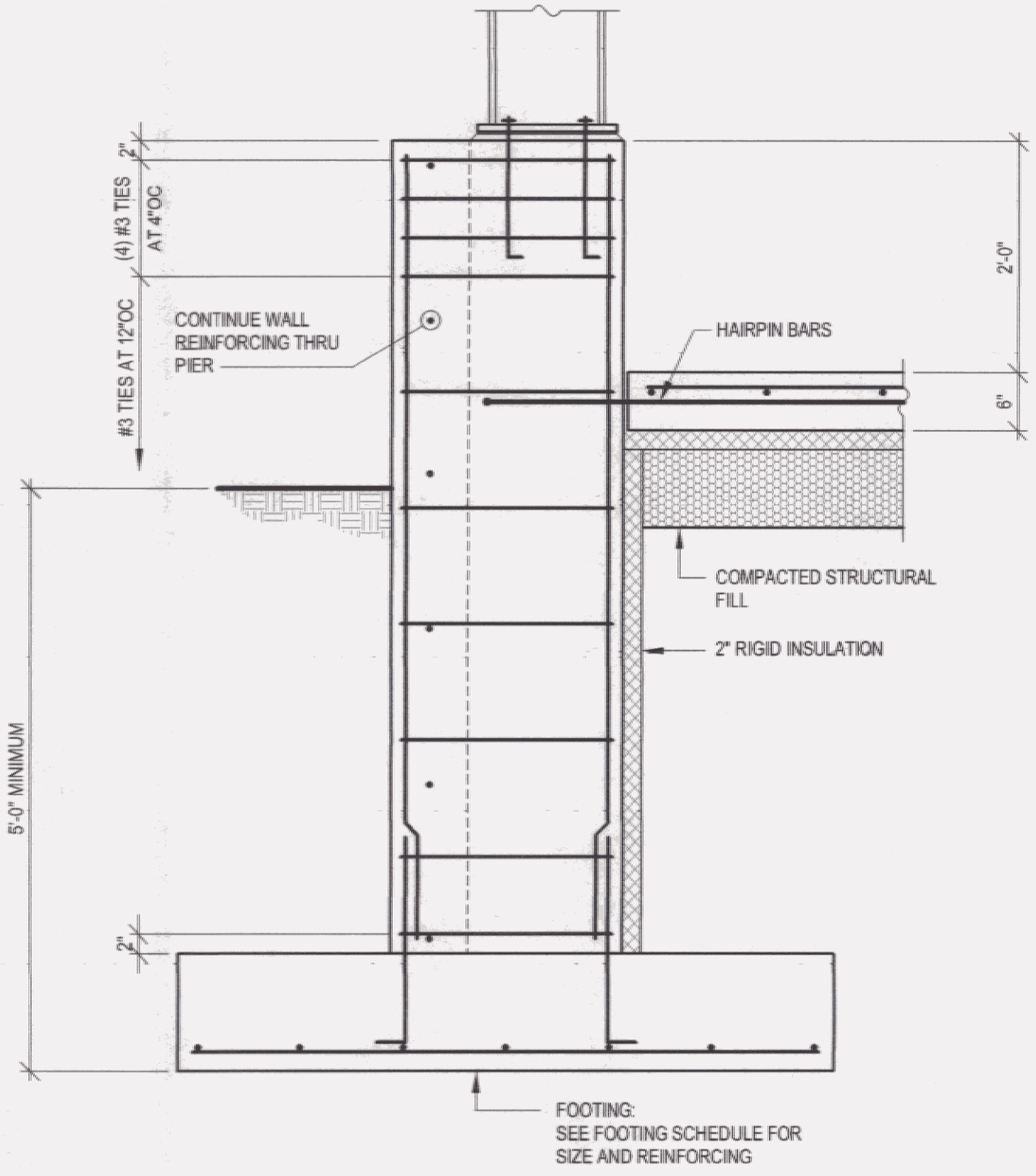
**NEW SNOW REMOVAL
EQUIPMENT BUILDING**
VERMONT AGENCY OF TRANSPORTATION
CLARENDON, VERMONT



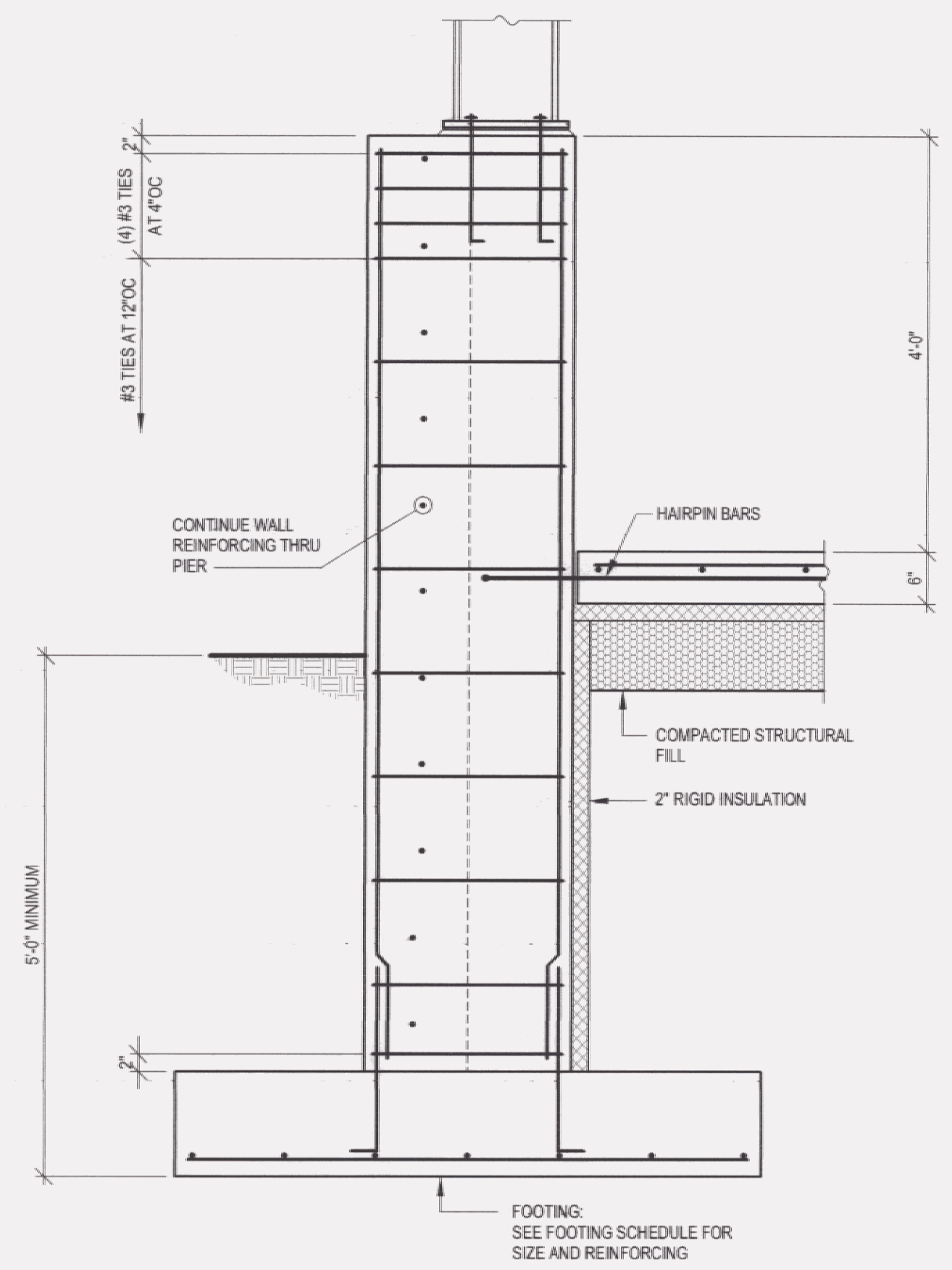
1 SECTION: FOUNDATION WALL
S2 3/4" = 1'-0"



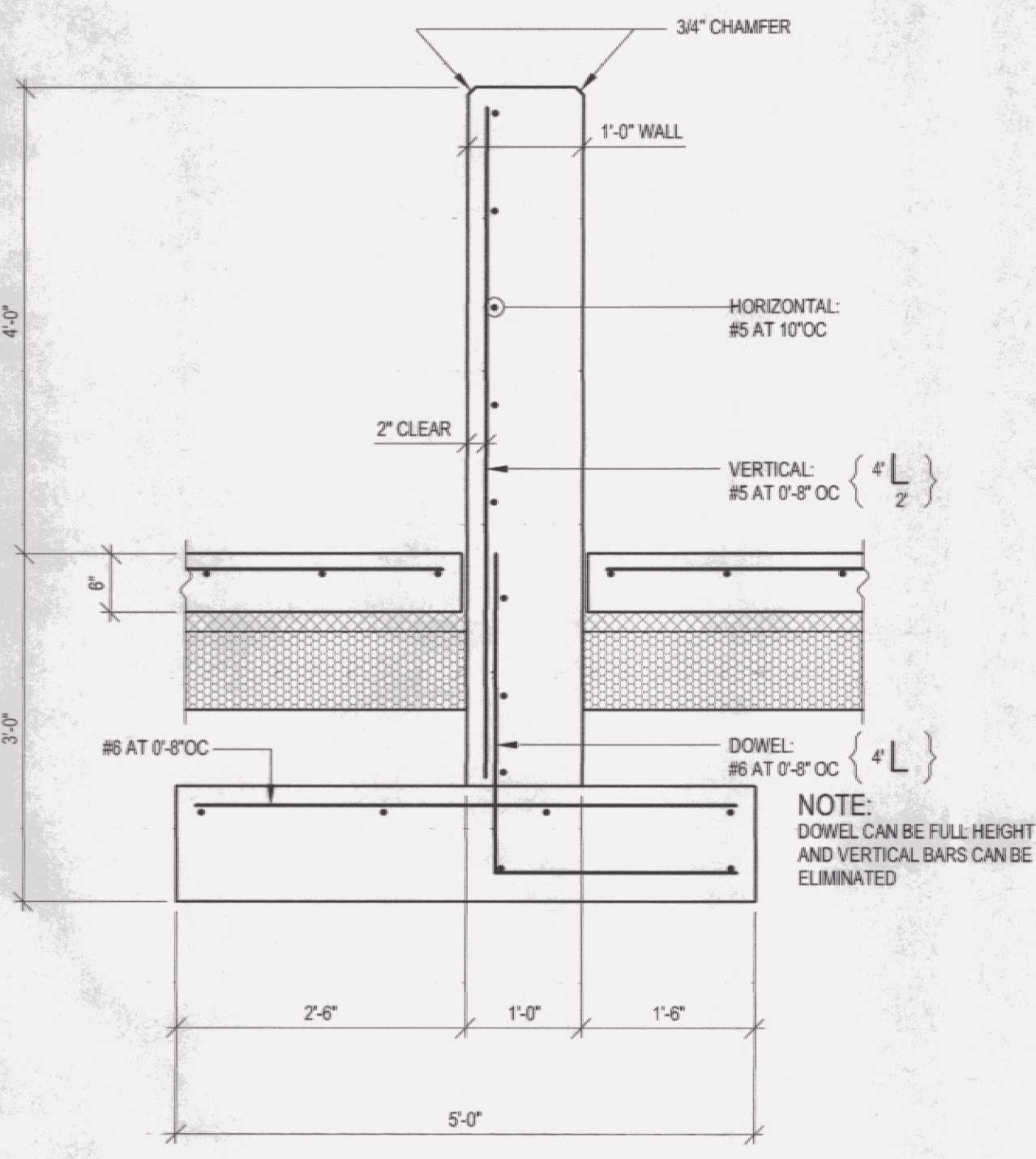
2 SECTION: FOUNDATION WALL
S2 3/4" = 1'-0"



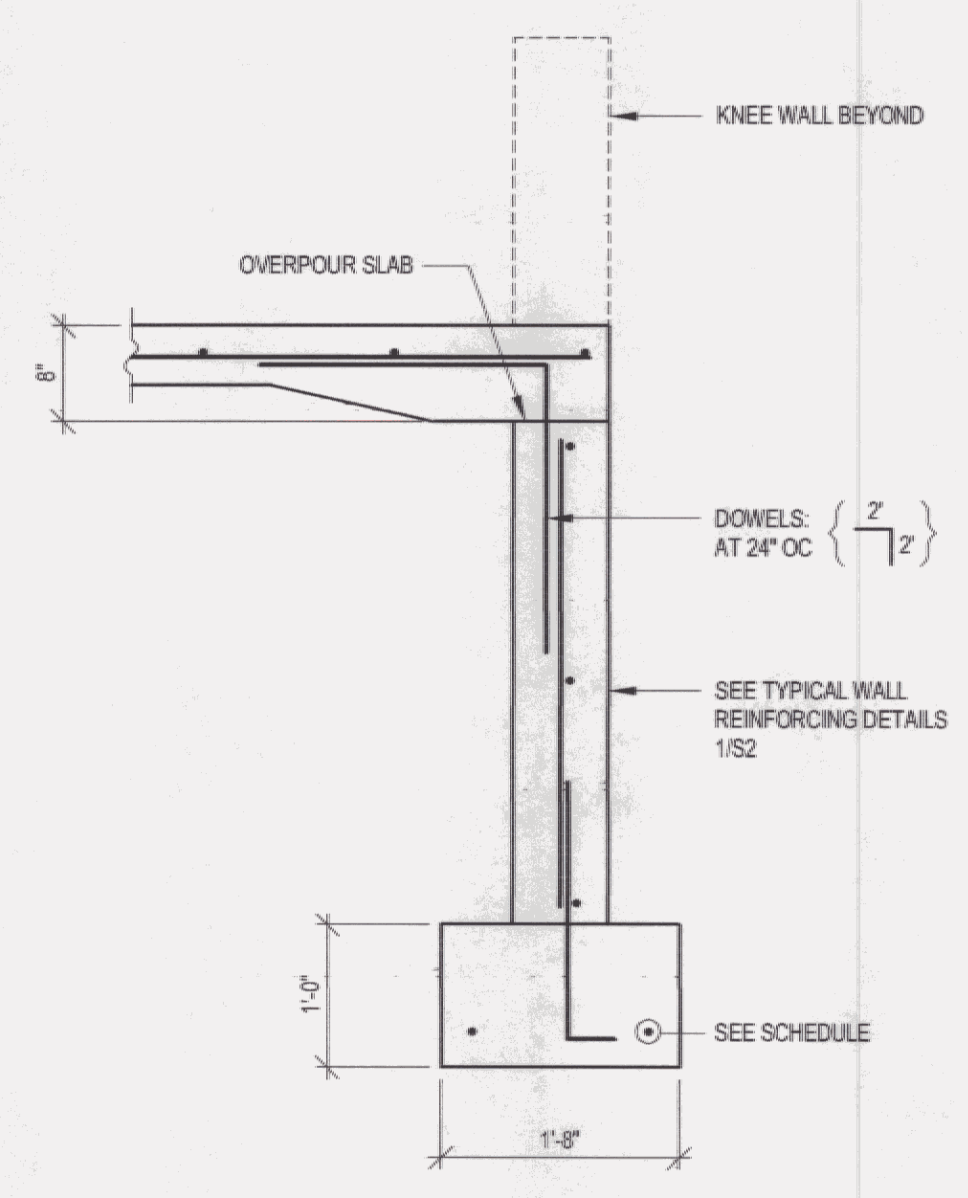
3 SECTION: PIER
S2 3/4" = 1'-0"



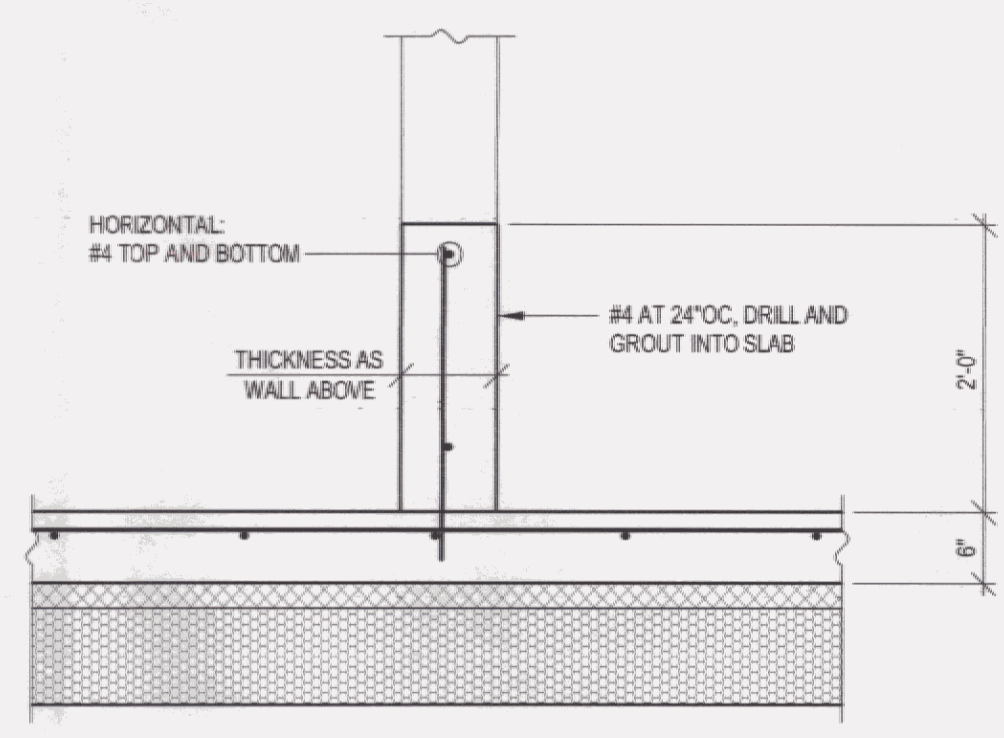
4 SECTION: PIER
S2 3/4" = 1'-0"



5 SECTION: FOUNDATION WALL
S2 3/4" = 1'-0"

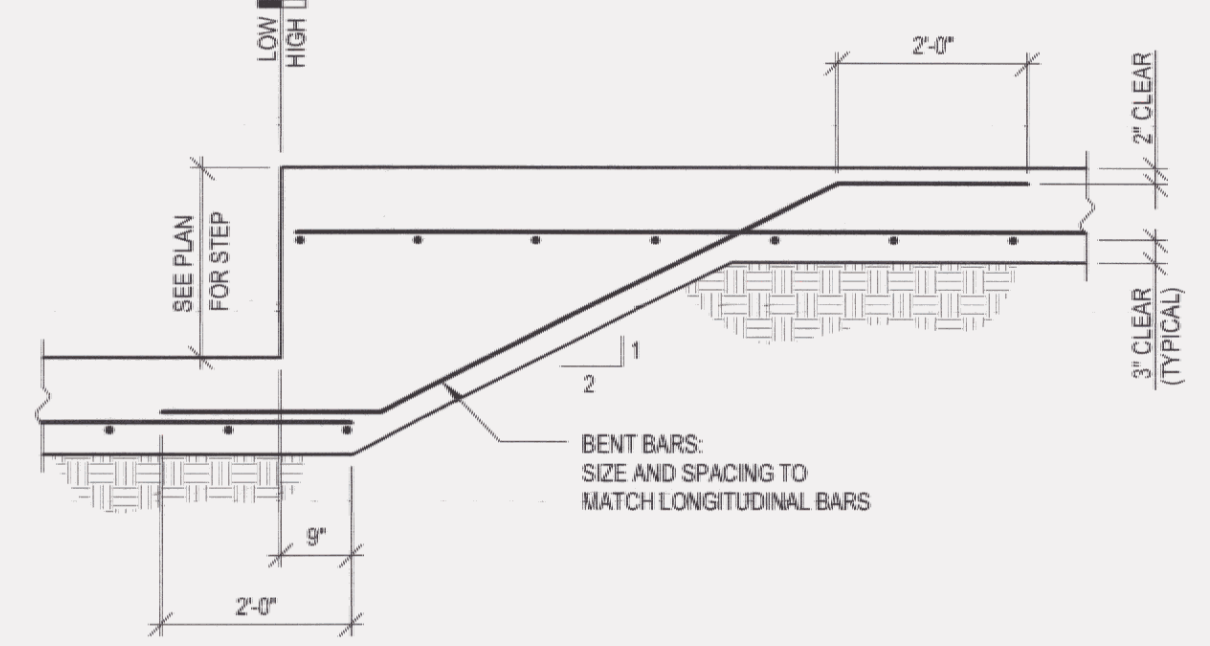


6 SECTION: GARAGE DOOR
S2 3/4" = 1'-0"



7 SECTION: CONCRETE KNEE WALL
S2 3/4" = 1'-0"

SEE S1 FOR ACTUAL VERTICAL DIMENSIONS



8 SECTION: FOOTING STEP
S2 1/2" = 1'-0"

REVISIONS		
NO.	DESCRIPTION	DATE

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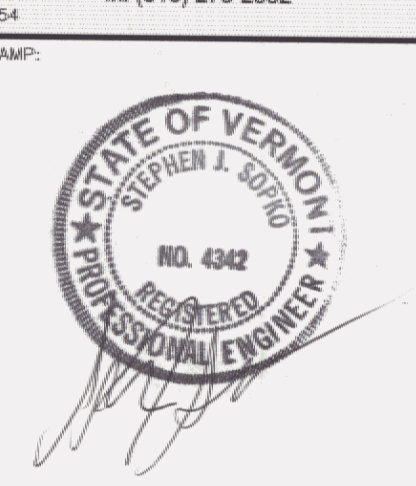
SHEET TITLE:

FOUNDATION DETAILS

SHEET NUMBER:

S2

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PROJECT NAME AND LOCATION:

**NEW SNOW REMOVAL
EQUIPMENT BUILDING**
VERMONT AGENCY OF TRANSPORTATION
CLARENDON, VERMONT

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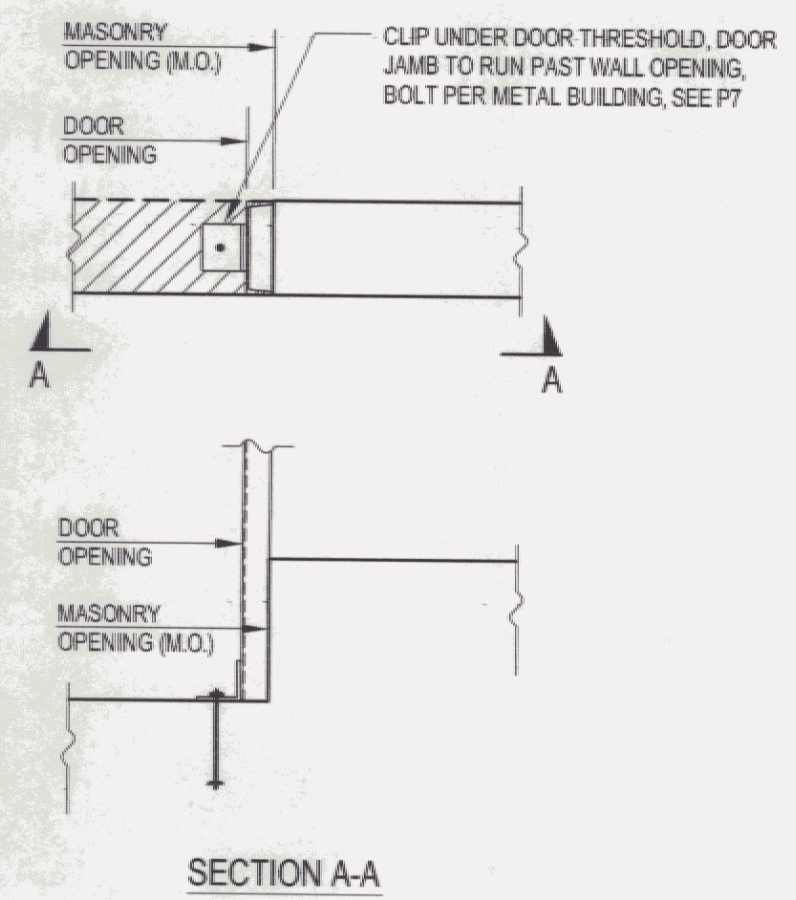
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SHEET TITLE:

**FOUNDATION
DETAILS AND
NOTES**

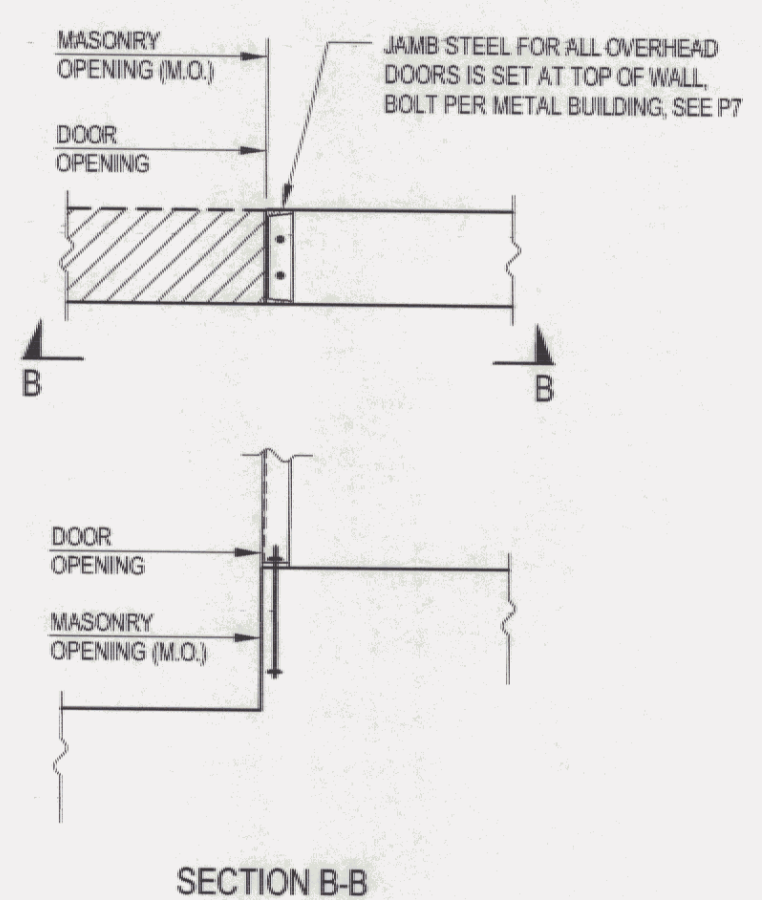
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S3



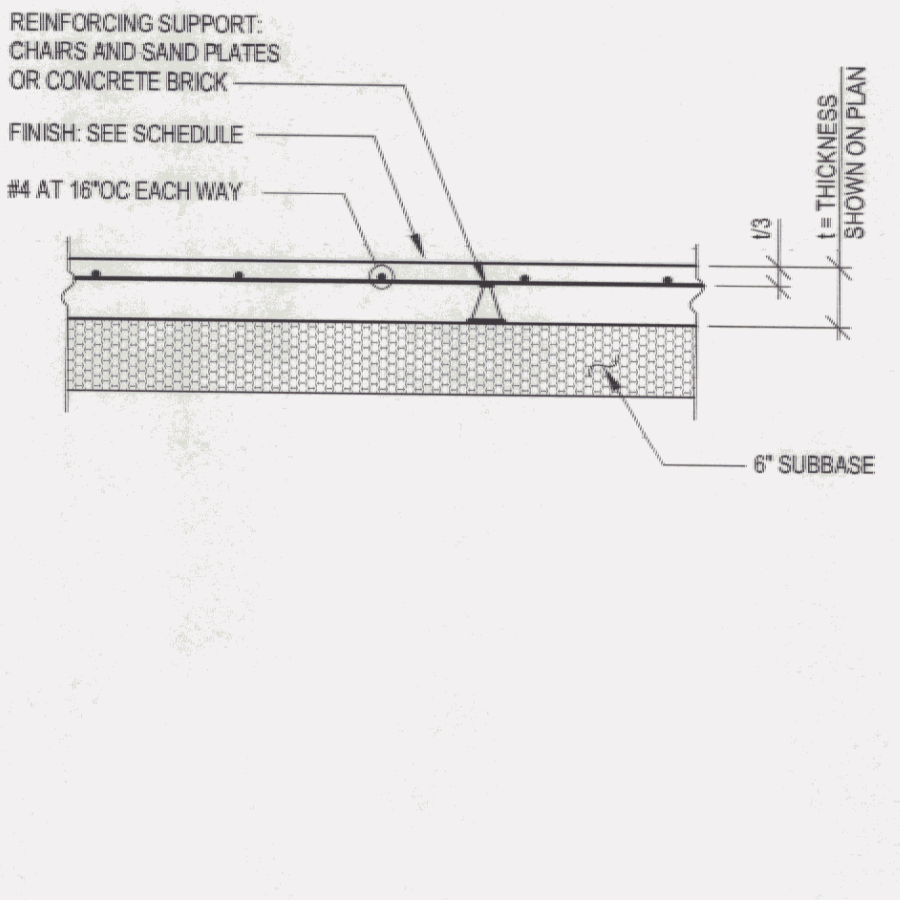
SECTION A-A

1 SECTION: PERSON DOOR
S3 3/4" = 1'-0"



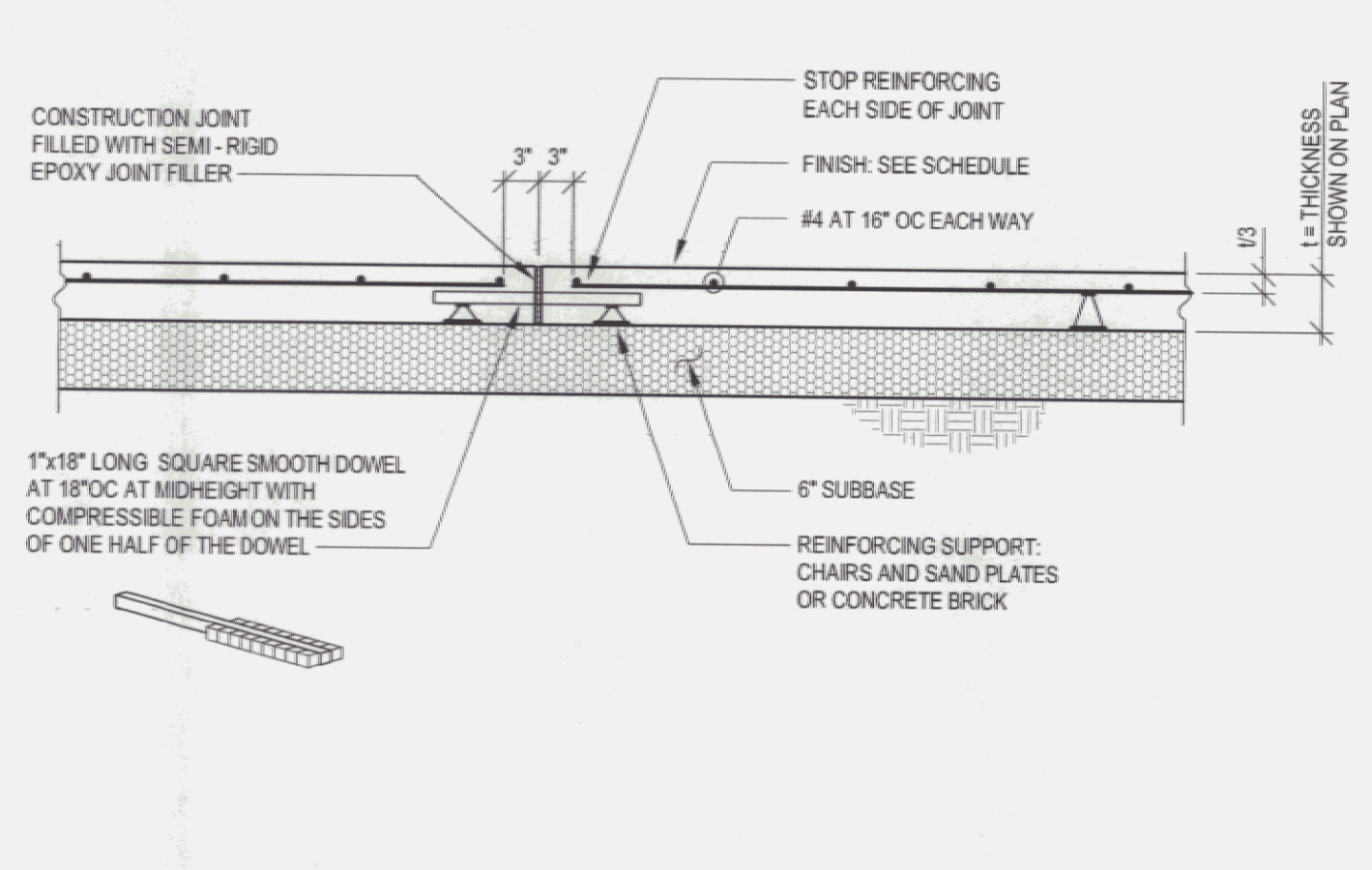
SECTION B-B

2 SECTION: GARAGE DOOR
S3 3/4" = 1'-0"



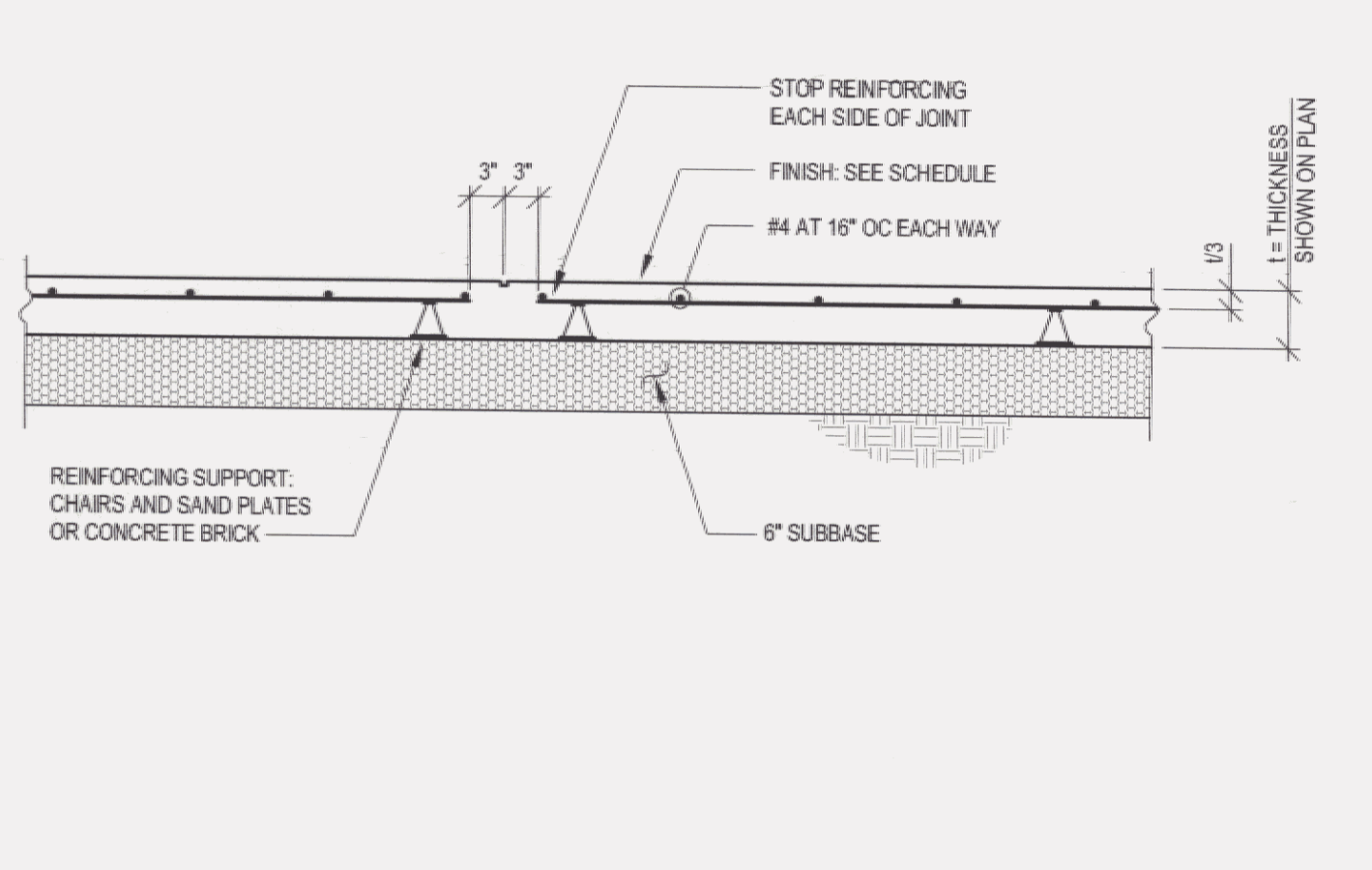
SECTION 3

3 SECTION: SLAB-ON-GRADE
S3 3/4" = 1'-0"



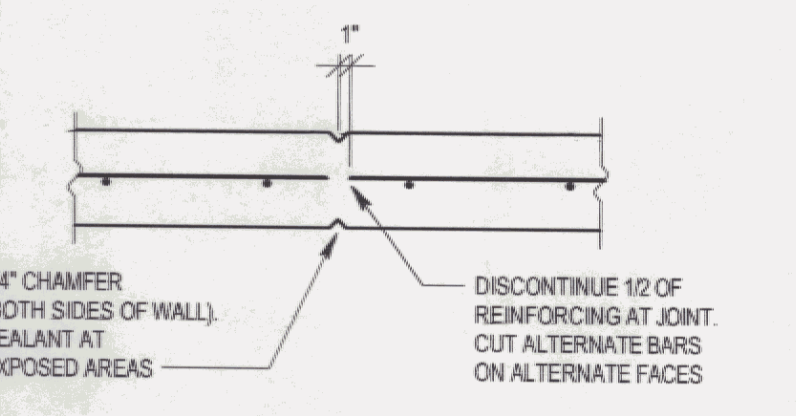
SECTION 4

4 SECTION: SLAB-ON-GRADE CONTRACTION JOINT
S3 3/4" = 1'-0" (NOTED CJ ON PLAN)

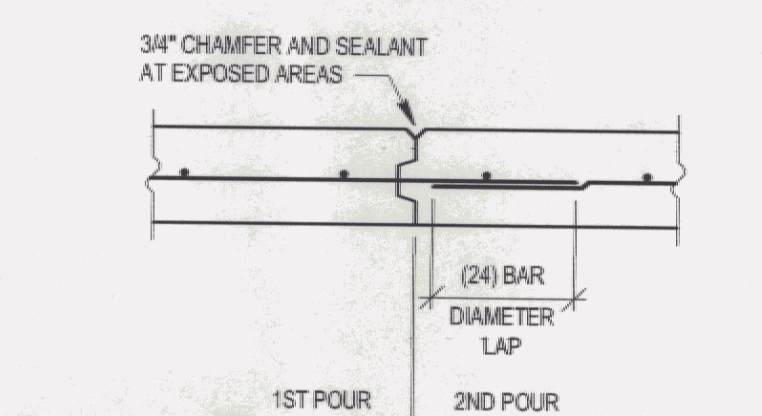


SECTION 5

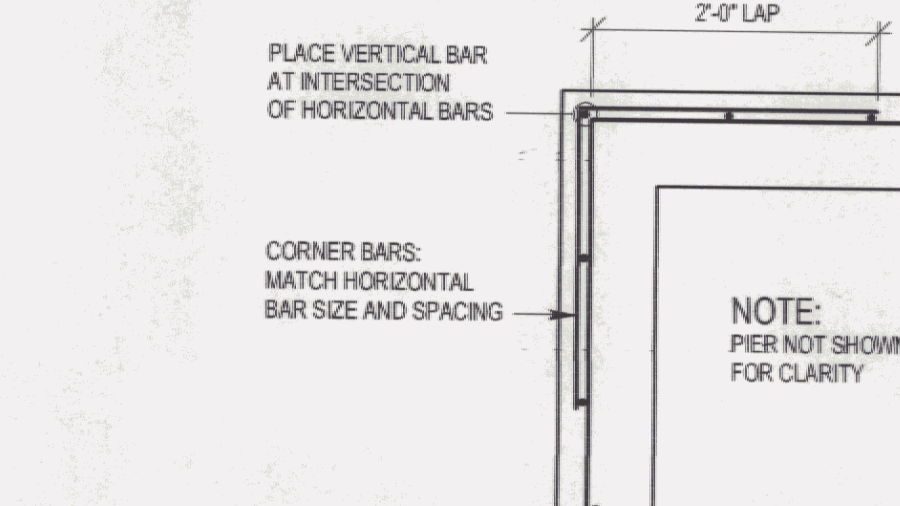
5 SECTION: SLAB-ON-GRADE CONTRACTION JOINT
S3 3/4" = 1'-0" (NOTED SJ ON PLAN)



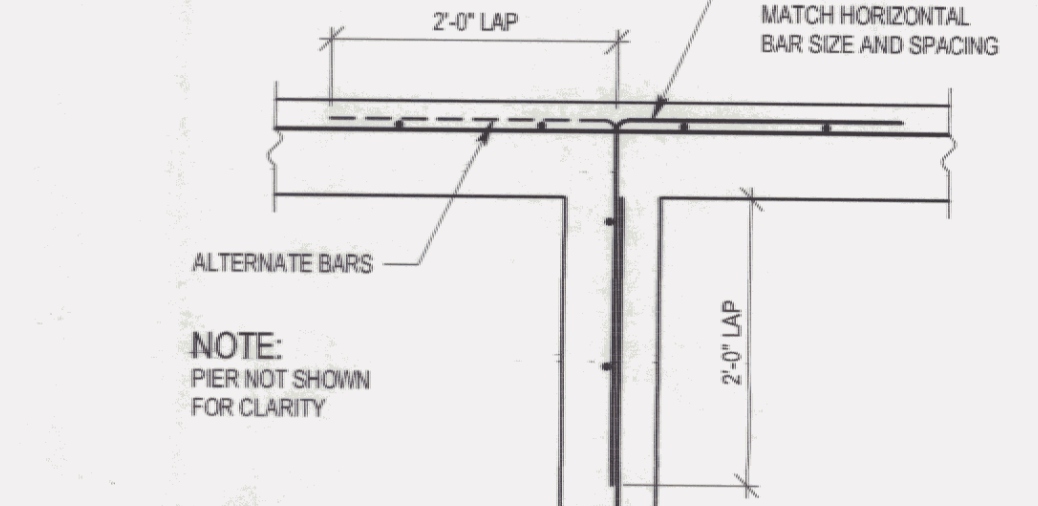
6 DETAIL: WALL CONTROL JOINT
S3 3/4" = 1'-0"



7 DETAIL: WALL CONSTRUCTION JOINT
S3 3/4" = 1'-0"



8 DETAIL: WALL CORNER
S3 3/4" = 1'-0"



9 DETAIL: WALL T-INTERSECTION
S3 3/4" = 1'-0"

NOTES

DESIGN DATA:

- DESIGN LOADS:
 - LIVE LOAD (SNOW): GROUND SNOW LOAD ZONE.
- SOIL BEARING PRESSURE: 2,000 PSF
- CONCRETE STRENGTH:
 - FOOTINGS, FOUNDATION WALLS AND RETAINING WALLS: CLASS "B" PER A.O.T. STANDARD SPECIFICATIONS, TABLE 501.03A
f_c (28 DAY STRENGTH): 3,500 PSI.
SLUMP: 2 TO 4 INCHES.
AIR ENTRAINMENT: 5 PERCENT ± 1 PERCENT.
 - SLAB-ON-GRADE: CLASS "B" PER A.O.T. STANDARD SPECIFICATIONS, TABLE 501.03A
f_c (28 DAY STRENGTH): 3,500 PSI.
SLUMP: 2 TO 4 INCHES.
AIR ENTRAINMENT: 5 PERCENT ± 1 PERCENT.
- STEEL REINFORCING: ASTM A615, GRADE 60.
- DESIGNED PER LOADS PROVIDED ON AMERICAN BUILDING SYSTEMS DRAWINGS DATED 6/23/06 FOR CONSTRUCTION.

GENERAL:

- DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL MEMBERS.
- DO NOT SCALE DRAWINGS.
- DETAILS SHOWN APPLY TO ALL SIMILAR CONDITIONS UNLESS INDICATED OTHERWISE.
- ENGINEER TO REVIEW ALL PROPOSED SUBSTITUTIONS OR OTHER DEVIATIONS FROM THE STRUCTURAL DRAWINGS.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

FOUNDATION:

- PREPARATION:
 - STRIP AND PROOFROLL BUILDING AREA. VERIFY ALL PROCEDURES WITH GEOTECHNICAL ENGINEER PRIOR TO WORK.
- SOIL BEARING PRESSURE:
 - FOOTINGS HAVE BEEN DESIGNED FOR A SOIL BEARING PRESSURE OF 2,000 PSF. ACTUAL CONDITIONS SHALL BE FIELD VERIFIED BY A LICENSED GEOTECHNICAL ENGINEER PRIOR TO FOOTING PLACEMENT.
- SOIL BEARING SURFACES:
 - BEAR ALL FOOTINGS ON COMPACTED STRUCTURAL FILL OR FIRM UNDISTURBED EARTH.
 - FOOTINGS SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND. DO NOT ALLOW GROUND BENEATH FOOTINGS TO FREEZE.
 - PREVIOUSLY ACCEPTED SOIL BEARING SURFACES WHICH HAVE BECOME SATURATED, FROZEN, OR UNSTABLE SHALL AGAIN BE REVIEWED BY THE GEOTECHNICAL ENGINEER.

CONCRETE:

- FOOTINGS:
 - CENTER FOOTINGS UNDER WALLS, PIERS, OR COLUMNS UNLESS NOTED OTHERWISE.
 - CAST FOOTING STEPS MONOLITHICALLY.
- WALLS:
 - VERIFY MECHANICAL OPENING SIZES AND LOCATIONS.
 - DO NOT PLACE BACKFILL UNTIL A MINIMUM WALL STRENGTH OF 70 PERCENT f_c HAS BEEN ATTAINED.
 - WHERE BACKFILLING IS ON ONE SIDE ONLY, DO NOT BACKFILL WALL UNTIL A MINIMUM WALL STRENGTH OF 100 PERCENT f_c HAS BEEN ATTAINED.
 - NO HOLES OR OPENINGS ARE PERMITTED THROUGH CONCRETE WALLS EXCEPT AS FOLLOWS:
 - WHERE SHOWN AND AS DETAILED ON DRAWINGS.
 - MISCELLANEOUS HOLES THROUGH WALLS WHICH DO NOT DISPLACE MORE THAN ONE BAR. (THESE DO NOT REQUIRE ADDITIONAL REINFORCEMENT.)
 - USE SNAP OFF TIES WITH 1 INCH OF CLEARANCE FROM FACE OF WALL.
- STEEL REINFORCING:
 - REINFORCE ALL CONCRETE FOOTINGS, WALLS, AND SLABS. REINFORCING SHOWN APPLIES TO ALL SIMILAR CONDITIONS, UNLESS INDICATED OTHERWISE.
 - PROVIDE CORNER BARS IN FOOTINGS. MATCH CONTINUOUS REINFORCING SIZE AND NUMBER. LAP CORNER BARS 2 FEET WITH CONTINUOUS REINFORCING.
 - TRANSVERSE REINFORCING SHALL BE PLACED WHERE SHOWN AT BOTTOM FACE OF CONTINUOUS FOOTINGS.
 - LAP FOOTING REINFORCING AND HORIZONTAL WALL REINFORCING 24 BAR DIAMETERS AT SPLICES.
 - PROVIDE DOWELS WHERE CONCRETE WALLS AND PIERS MEET FOOTINGS. MATCH VERTICAL REINFORCING SIZE AND SPACING. DOWELS SHALL EXTEND TO 3 INCHES OF BOTTOM FACE OF FOOTING AND SHALL TERMINATE WITH AN A.C.I. STANDARD 90 DEGREE HOOK. LAP DOWELS 30 BAR DIAMETERS WITH VERTICAL REINFORCING.
 - AT CONCRETE WALL CORNER INTERSECTIONS: PROVIDE CORNER BARS AT OUTER FACE. MATCH HORIZONTAL REINFORCING SIZE AND SPACING. LAP CORNER BARS 2 FEET WITH HORIZONTAL REINFORCING.
 - AT CONCRETE WALL T-INTERSECTIONS: PROVIDE CORNER BARS AT EACH FACE OF INTERSECTING WALL TO OUTER FACE OF THROUGH WALL.
 - CONCRETE COVER FOR REINFORCING (UNLESS DETAILED OTHERWISE):
 - FOOTINGS POURED AGAINST EARTH: 3 INCHES.
 - SURFACES EXPOSED TO WEATHER OR EARTH:
 - BAR LARGER THAN #5: 2 INCHES.
 - #5 BARS OR SMALLER: 1 1/2 INCHES.
 - PROVIDE TWO #5 EACH SIDE OF OPENINGS (12 INCHES OR OVER) IN WALLS AND SLABS, 4 FEET LONGER THAN OPENING, UNLESS NOTED OTHERWISE ON DRAWINGS.
 - PROVIDE TWO #4 BY 4 FEET LONG DIAGONAL BARS AT ALL INSIDE CORNERS AT ALL OPENINGS (12 INCHES OR OVER) IN CONCRETE WALLS AND SLABS.
- ADDITIONAL CONCRETE NOTES:
 - PROVIDE 3/4" CHAMFER AT EXPOSED CORNERS.
 - ALL KEYS SHALL BE 2 INCHES BY 4 INCHES UNLESS NOTED OTHERWISE ON DRAWINGS.
 - CAST CONCRETE ON SLOPED SURFACES BEGINNING AT LOWEST ELEVATION AND CONTINUING MONOLITHICALLY TOWARD HIGHER ELEVATIONS UNTIL INTENDED POUR IS COMPLETED.
 - ALL CONCRETE WORK TO BE PER AGENCY OF TRANSPORTATION STANDARD.
 - COORDINATE TESTING BY DIAMETER. CONTRACTOR TO COORDINATE SCHEDULING OF TESTING.
 - CONCRETE CURING SHALL FOLLOW IMMEDIATELY AFTER FORM REMOVAL PER A.O.T. STANDARD 501.17A. WATER CURING WILL BE REQUIRED, UNLESS ALTERNATE MEANS OF CURING IS APPROVED, IN WRITING BY THE PROJECT ENGINEER.
- SLAB ON GRADE:
 - PROVIDE STEEL TROWEL FINISH.

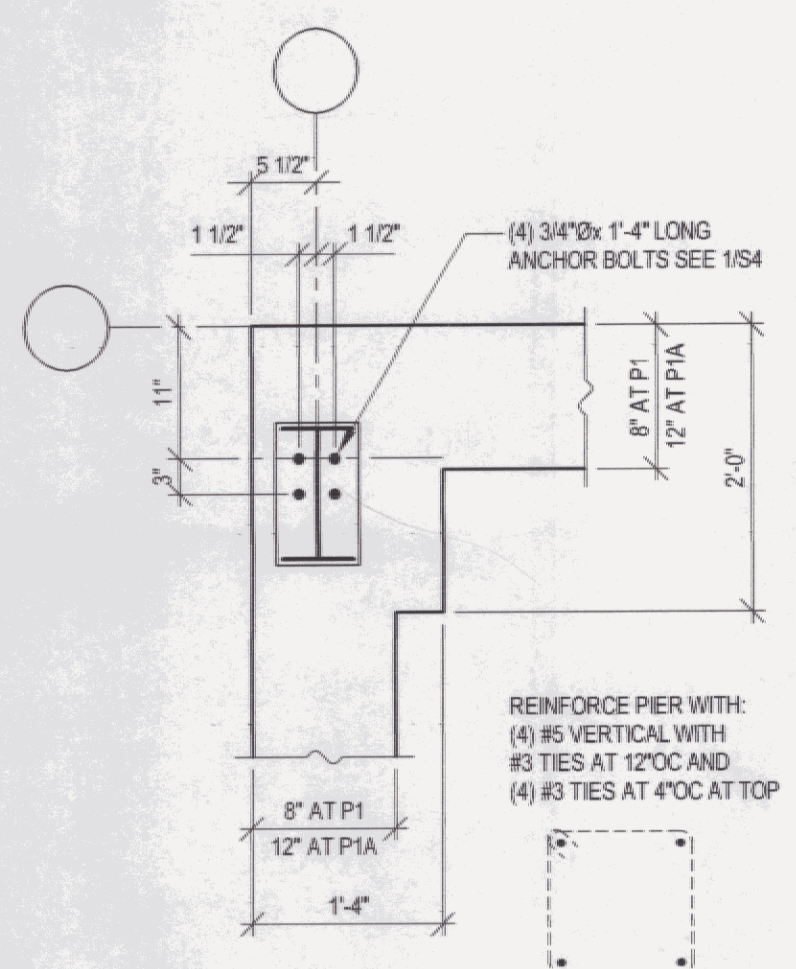
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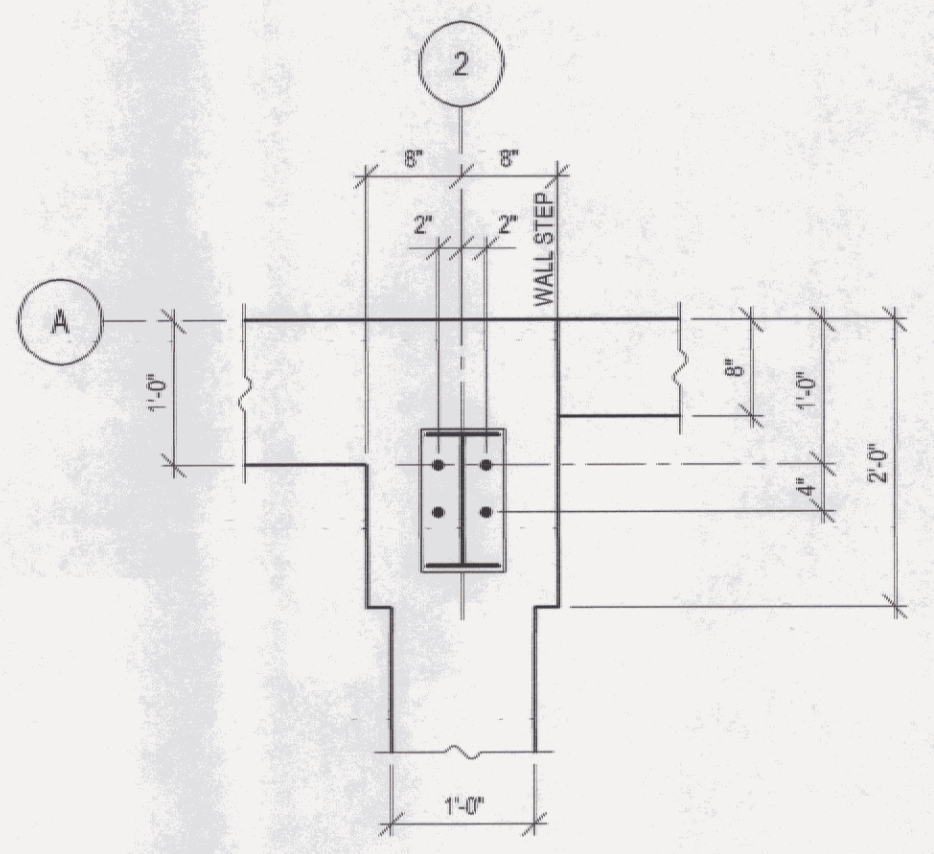
THE QUINN COMPANY



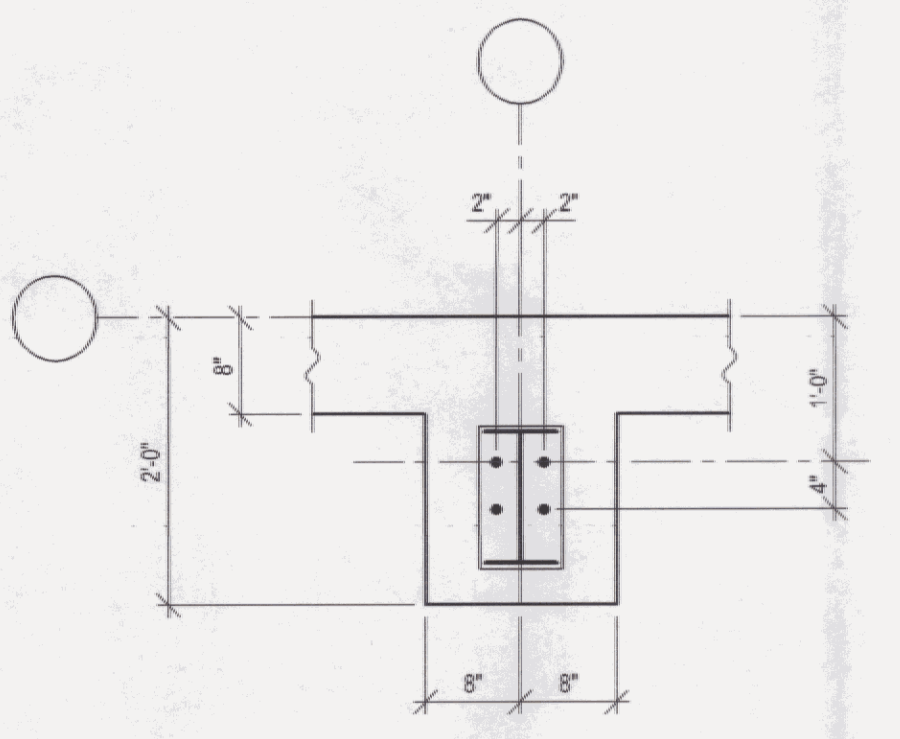
NEW SNOW REMOVAL
EQUIPMENT BUILDING
VERMONT AGENCY OF TRANSPORTATION
CLARENDON, VERMONT



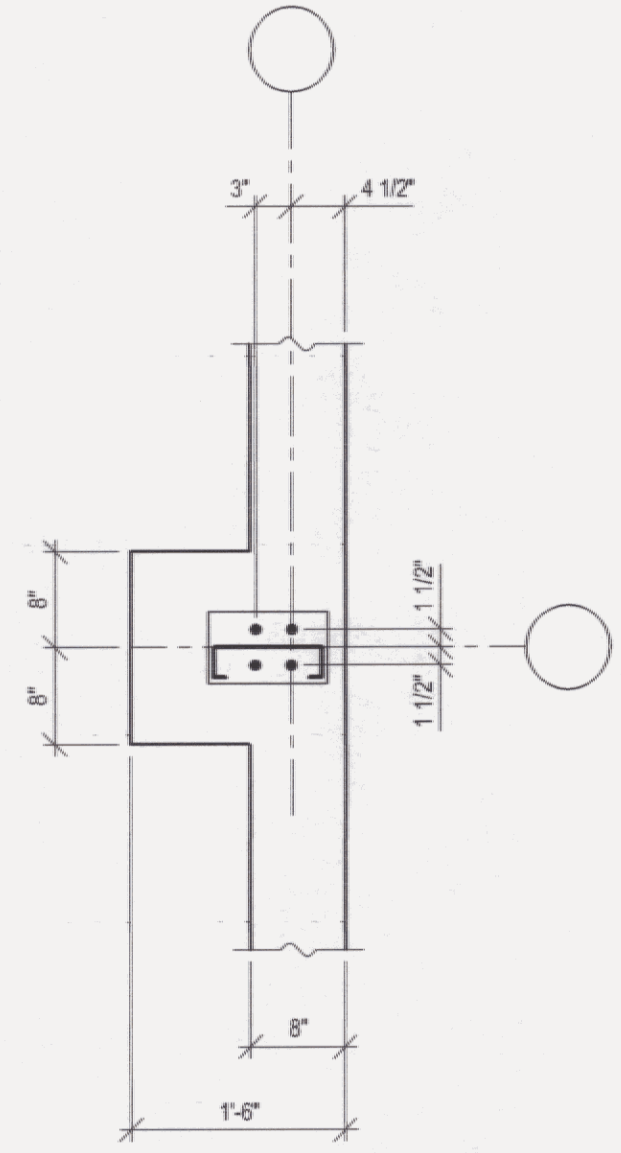
P1, P1A



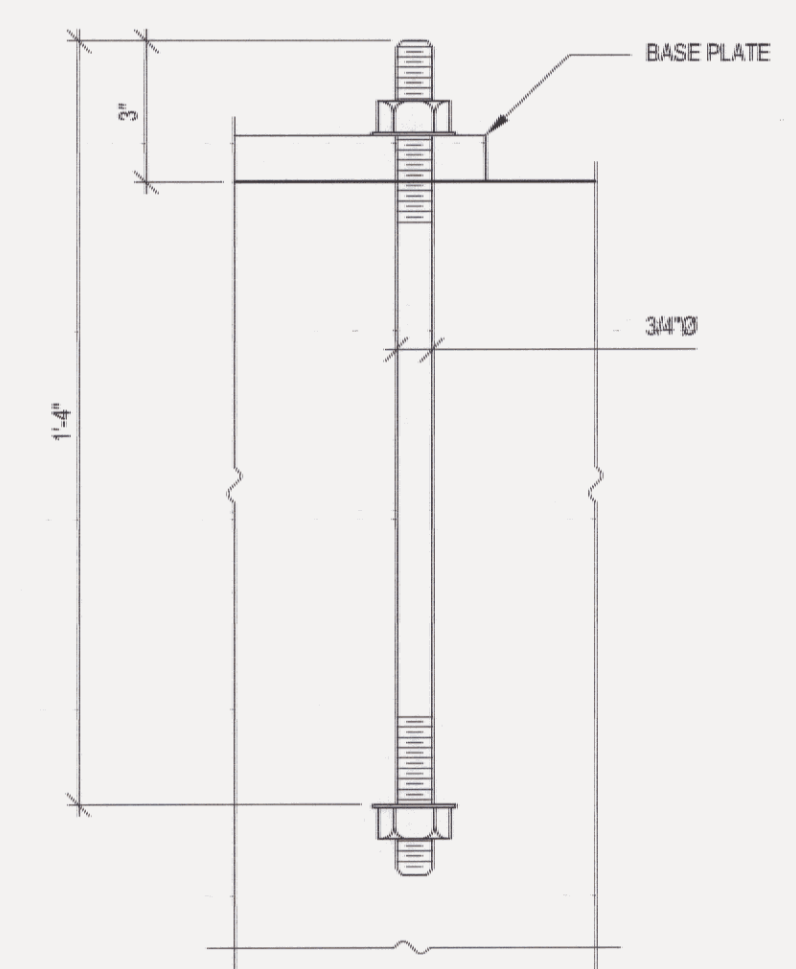
P2
SEE P1 FOR TYPICAL INFORMATION



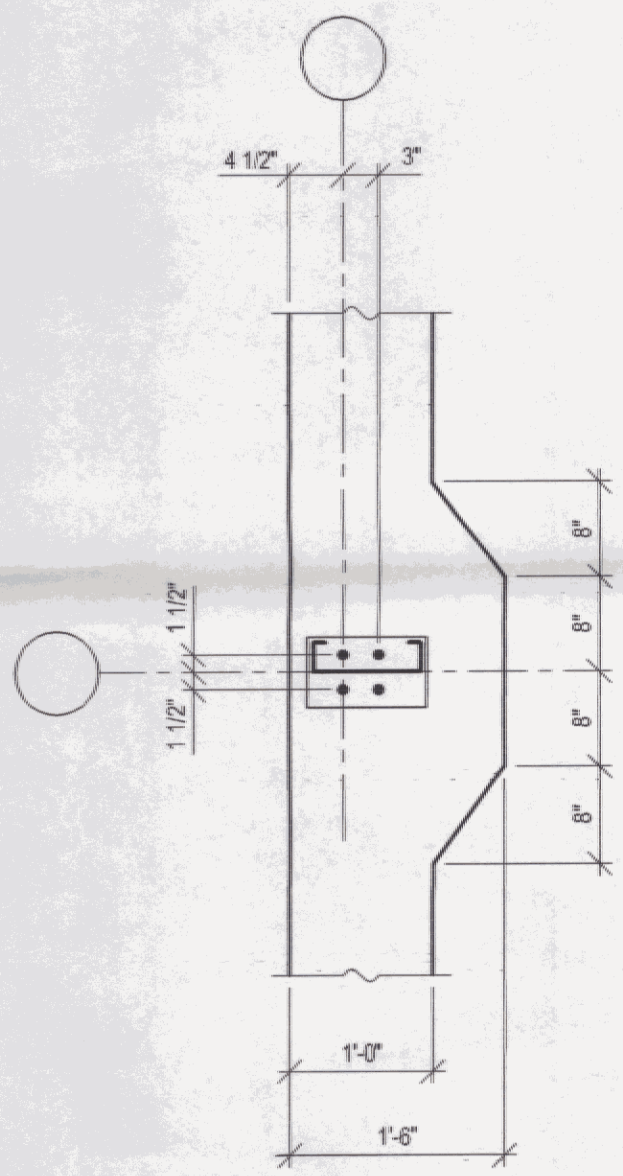
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SEE P1 FOR TYPICAL INFORMATION



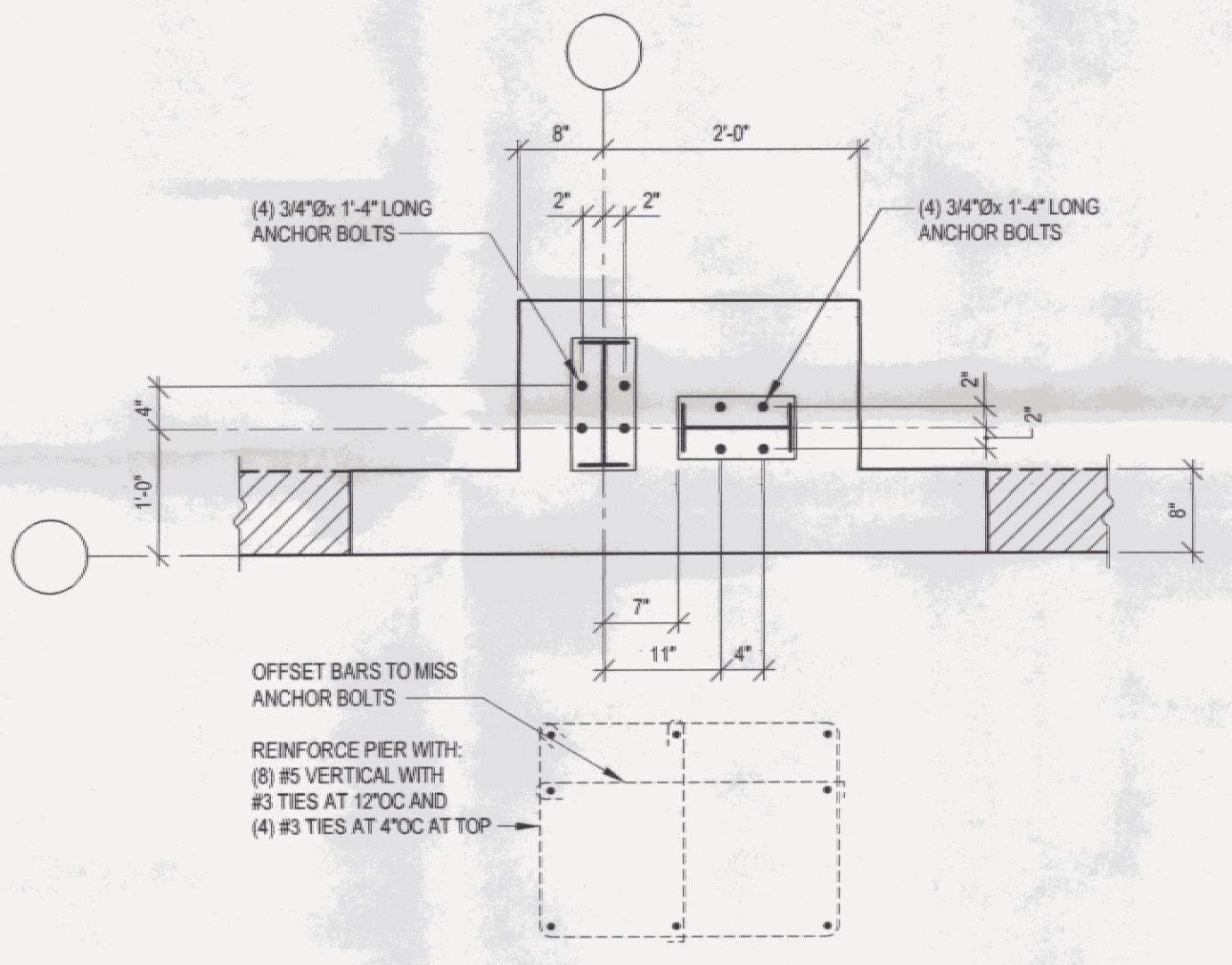
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SEE P1 FOR TYPICAL INFORMATION



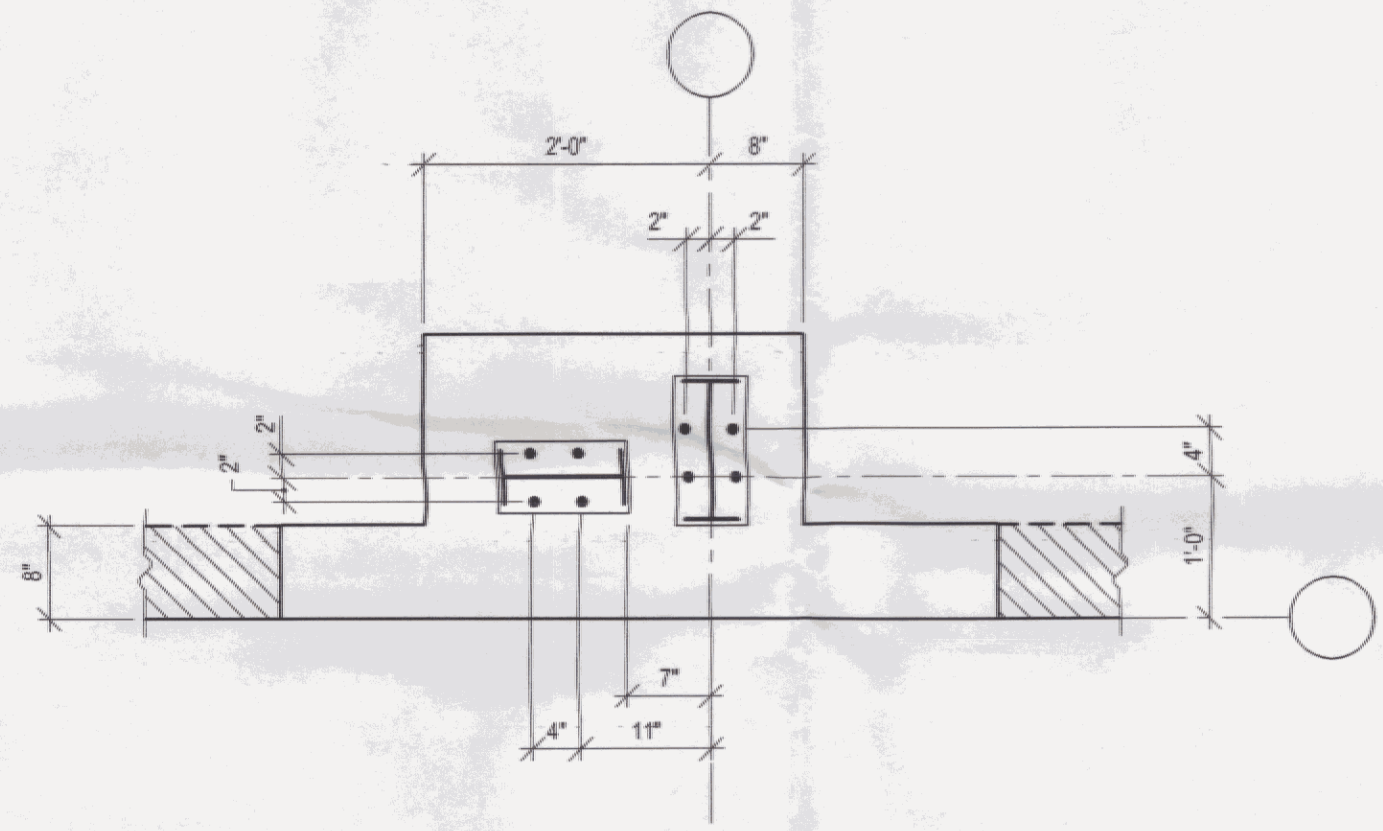
1
S4
DETAIL: ANCHOR BOLT COLUMNS
3\"/>



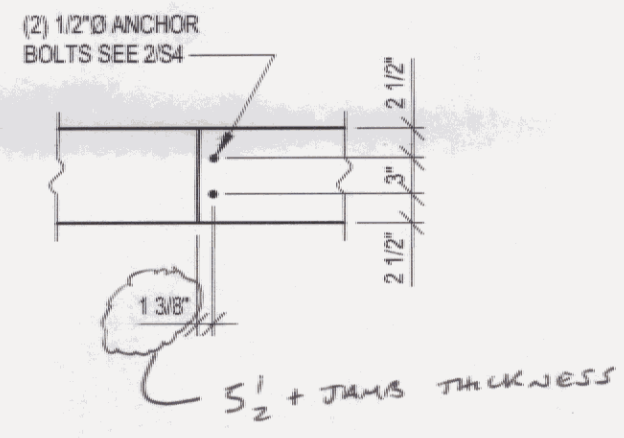
P5
SEE P1 FOR TYPICAL INFORMATION



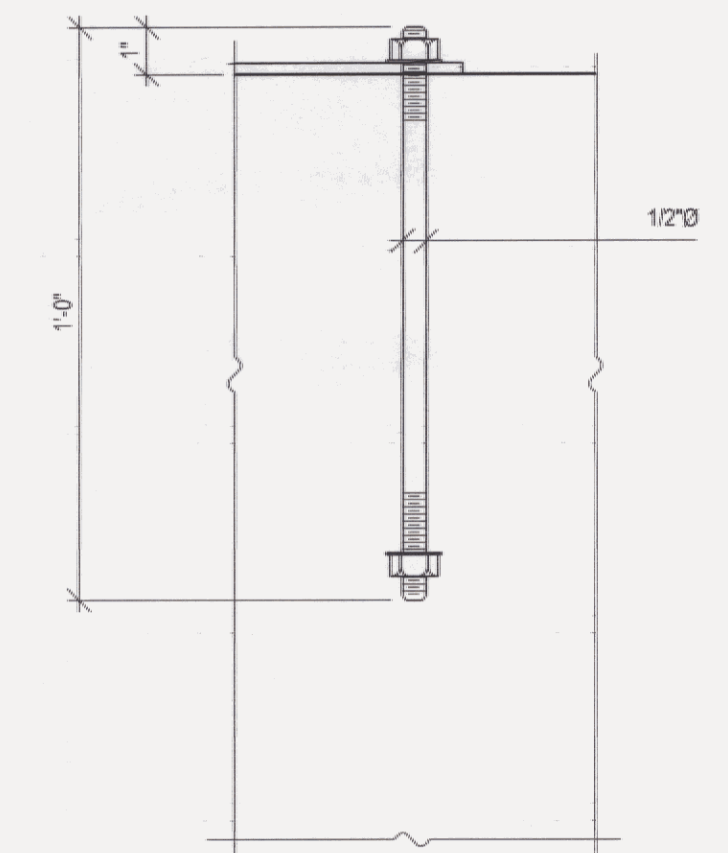
P6



P6A
SEE P6 FOR ADDITIONAL INFORMATION



P7
ANCHOR BOLTS AT DOORS



2
S4
DETAIL: ANCHOR BOLT DOORS
3\"/>

DETAILS: PIER

3/4\"/>

REVISIONS		
NO.	DESCRIPTION	DATE

UNAUTHORIZED ALTERATION OF THIS DOCUMENT IS PROHIBITED BY NEW YORK STATE EDUCATION DEPARTMENT LAW ARTICLE 145.

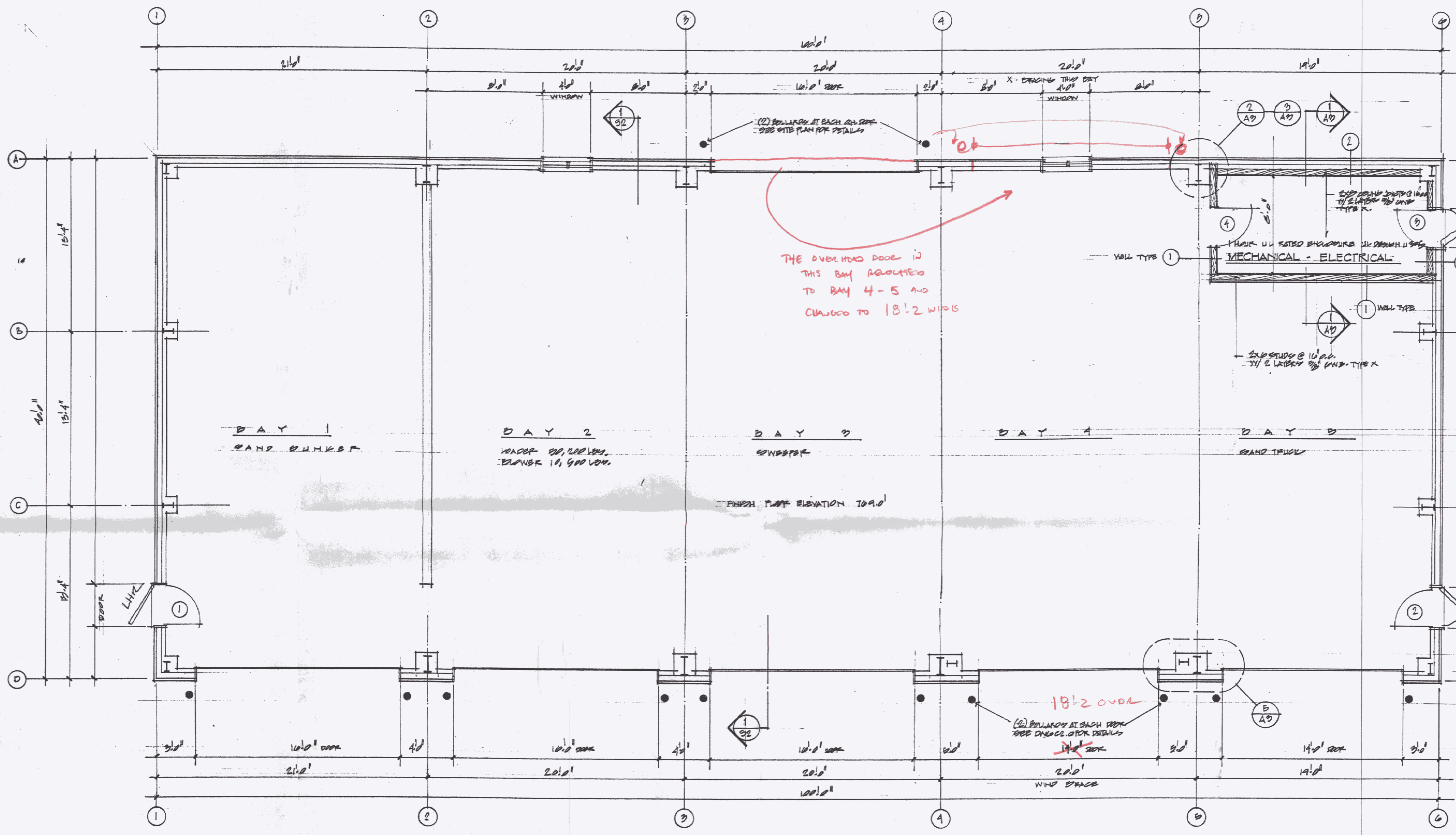
DATE: 06/29/2006
DRAWN BY: MDC
CHECKED BY: SJS

SHEET TITLE:

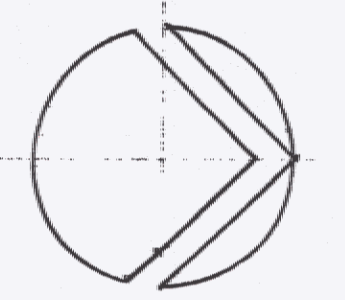
FOUNDATION
DETAILS

RECEIVED
JUN 30 2006
THE QUINN COMPANY

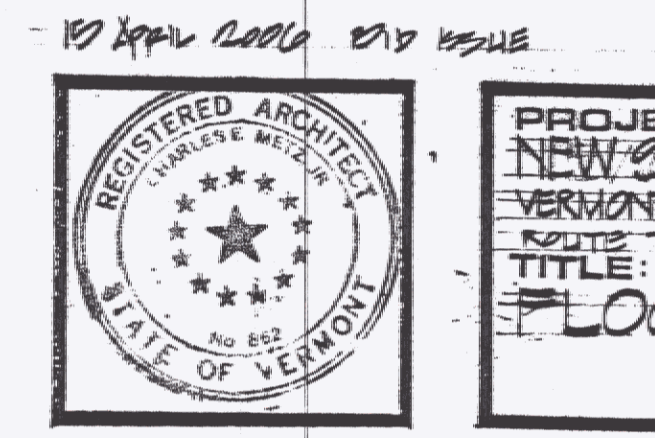
S4



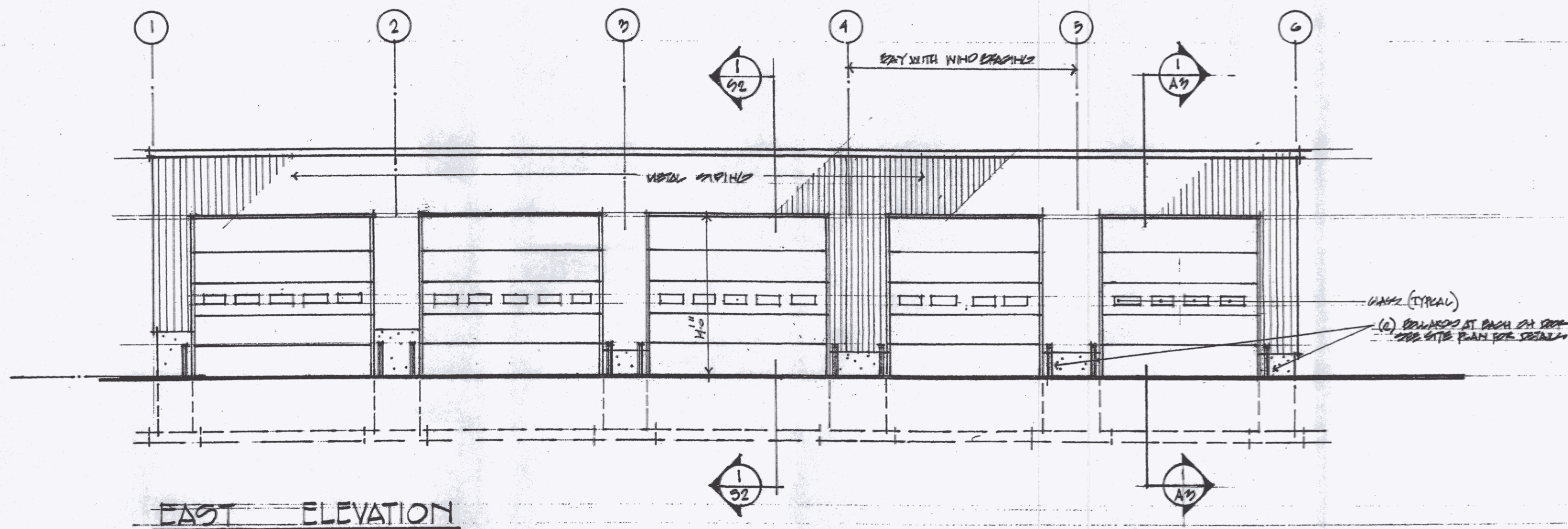
FLOOR PLAN SCALE 1/4" = 1'-0"



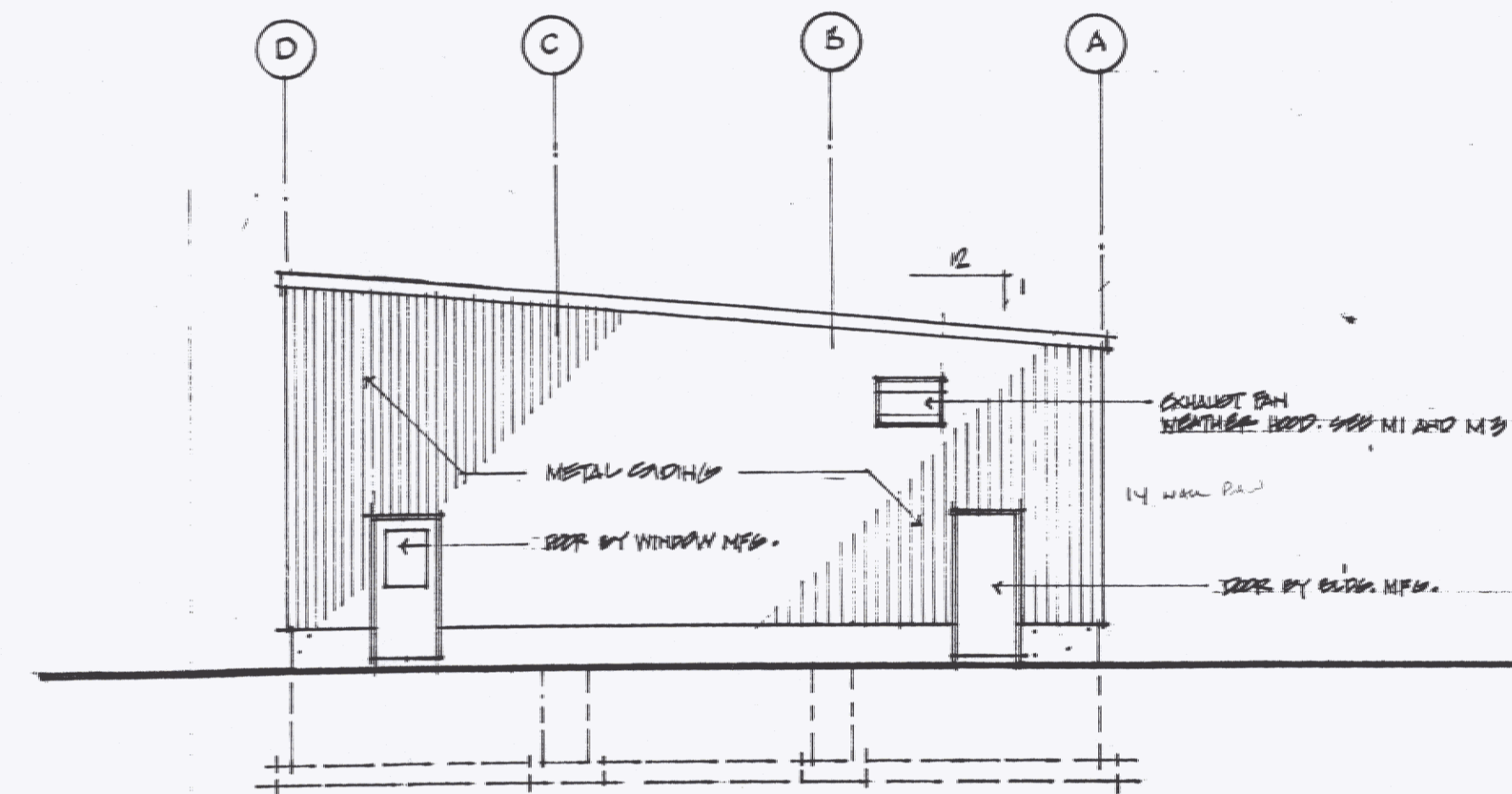
Poor Quality



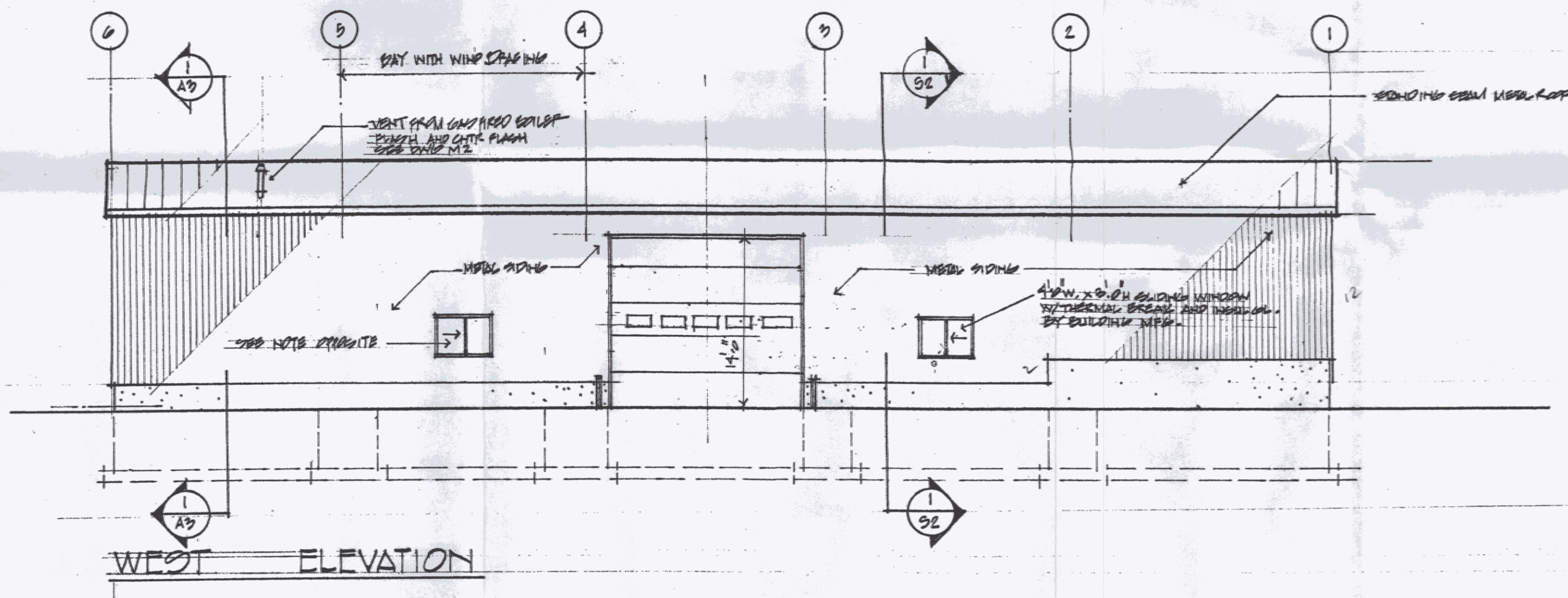
10 APRIL 2006 END ISSUE
CHARLES E. MITCHELL
 ARCHITECT
 THE GRIST MILL
 BRADFORD VT



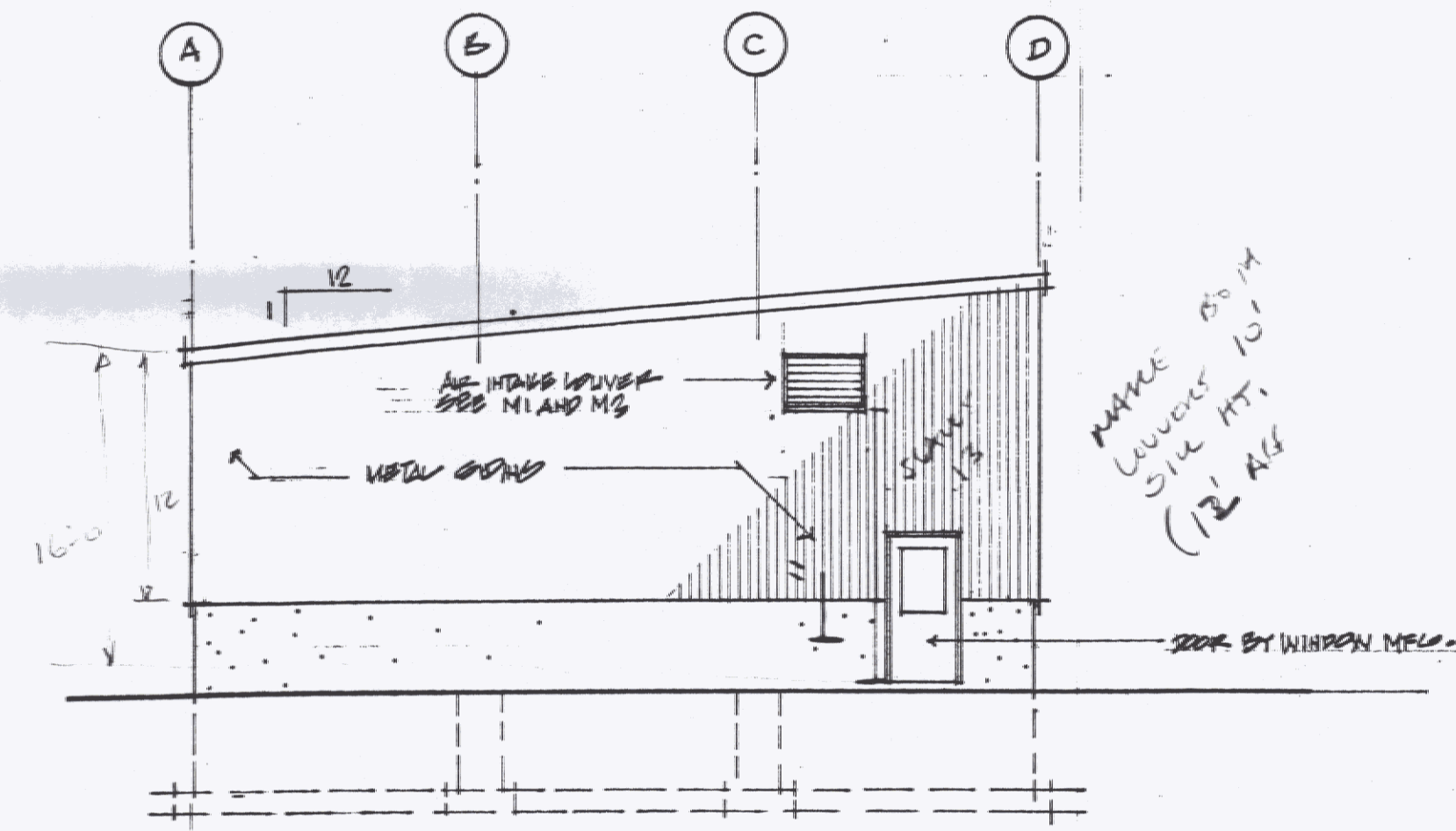
EAST ELEVATION



NORTH ELEVATION



WEST ELEVATION



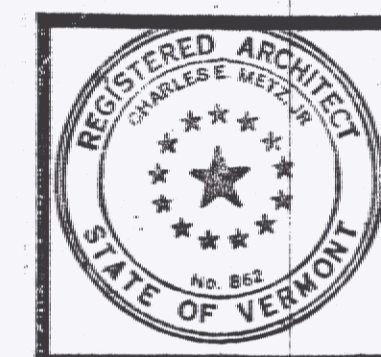
SOUTH ELEVATION



11-P - 4 -> ABC WALL CUT
FIELD -

MAKE 8\"/>

15 APRIL 2004 DD 15201E



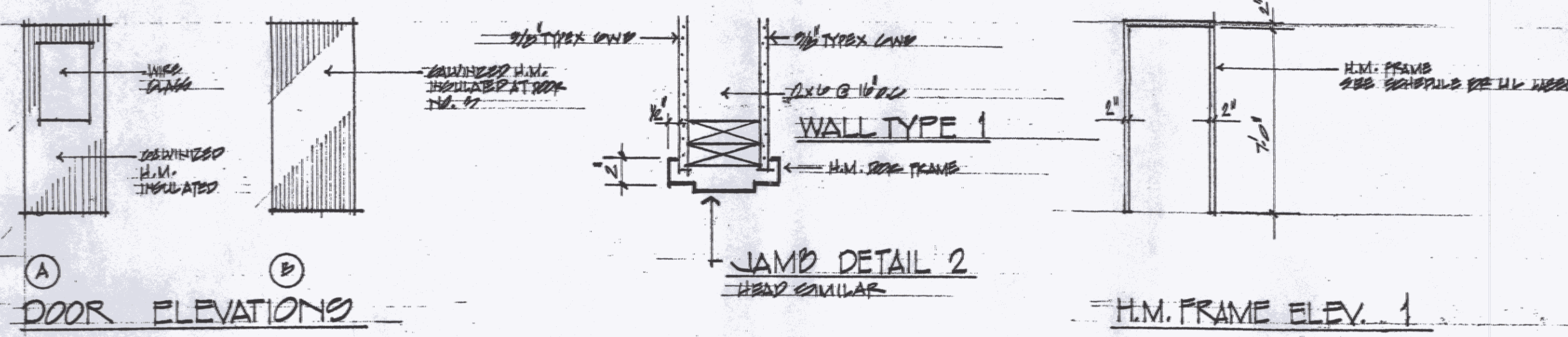
PROJECT:
NEW ONYX REMOVAL EQUIPMENT BLDG.
VERMONT AGENCY OF TRANSPORTATION
ROUTE 78 CARBON VERMONT
TITLE:
EXTERIOR ELEVATIONS

Poor Quality

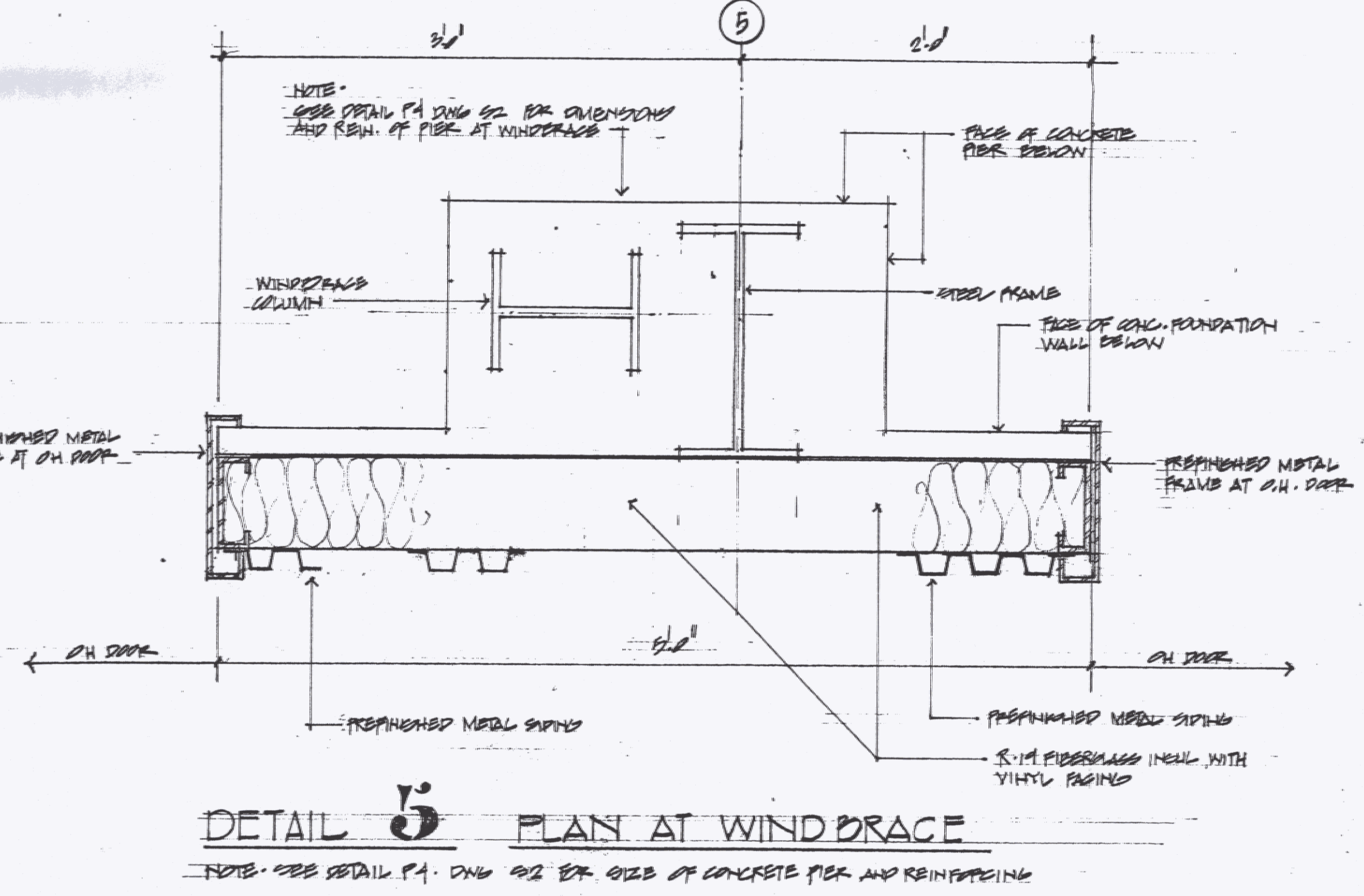
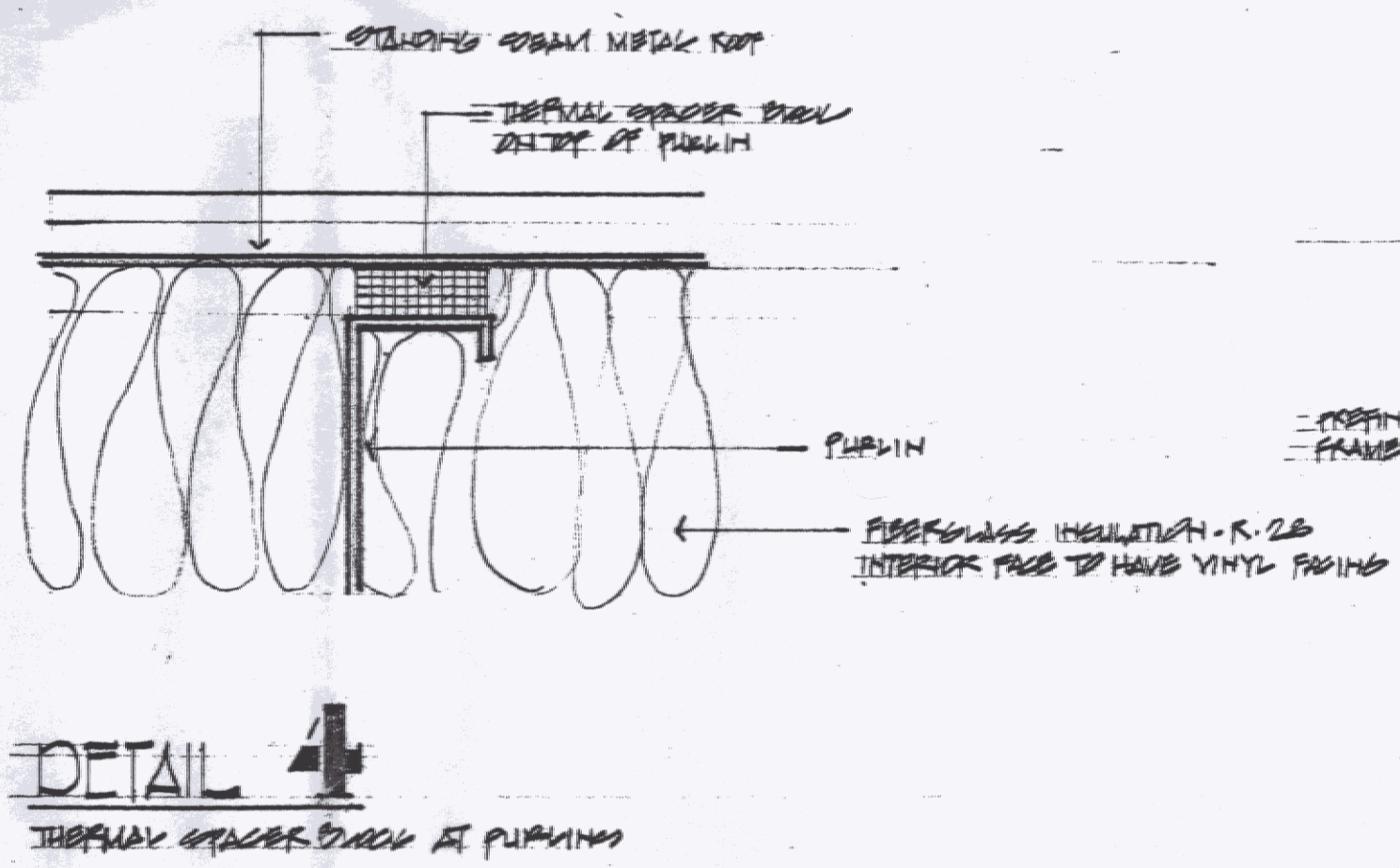
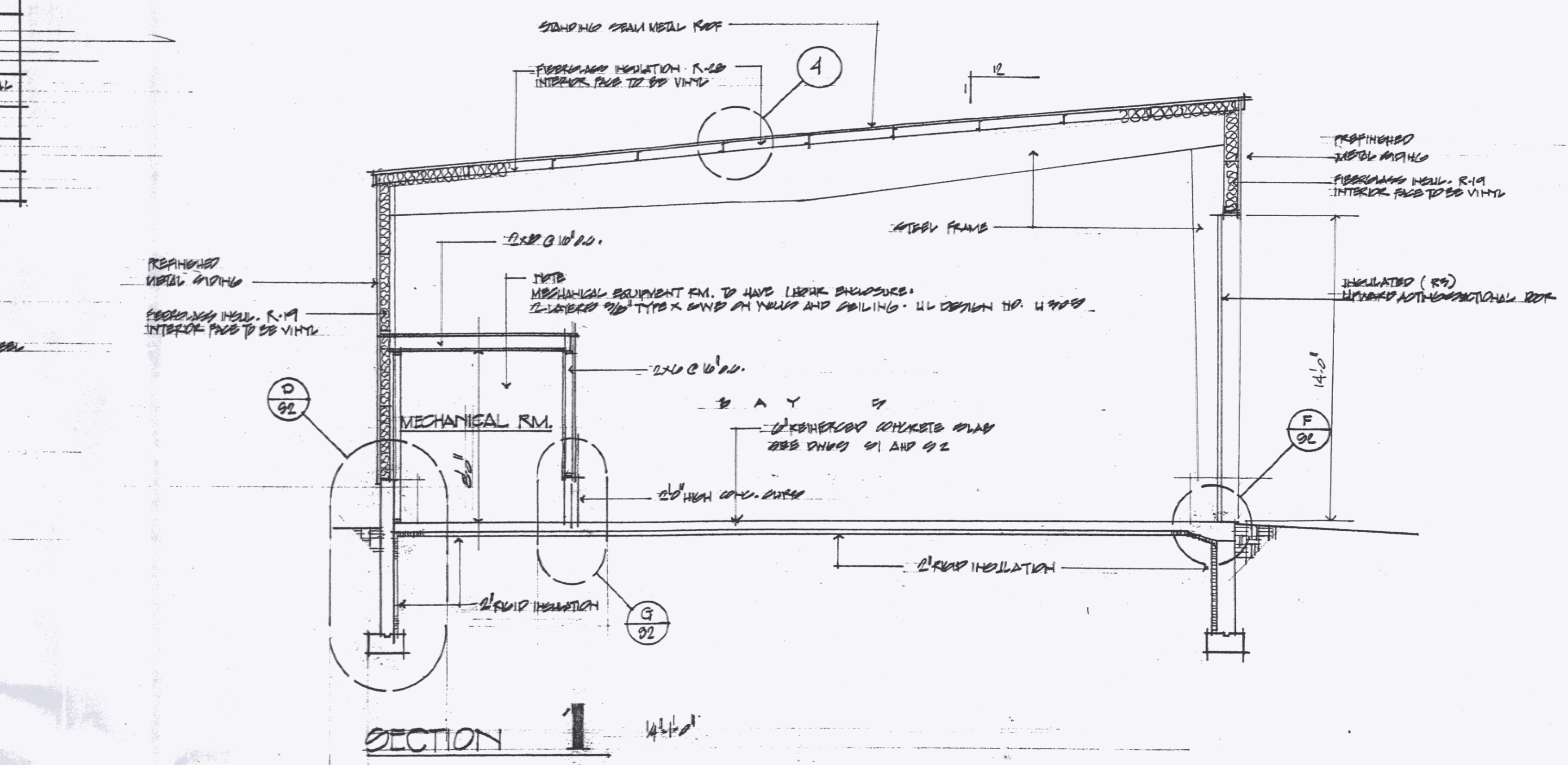
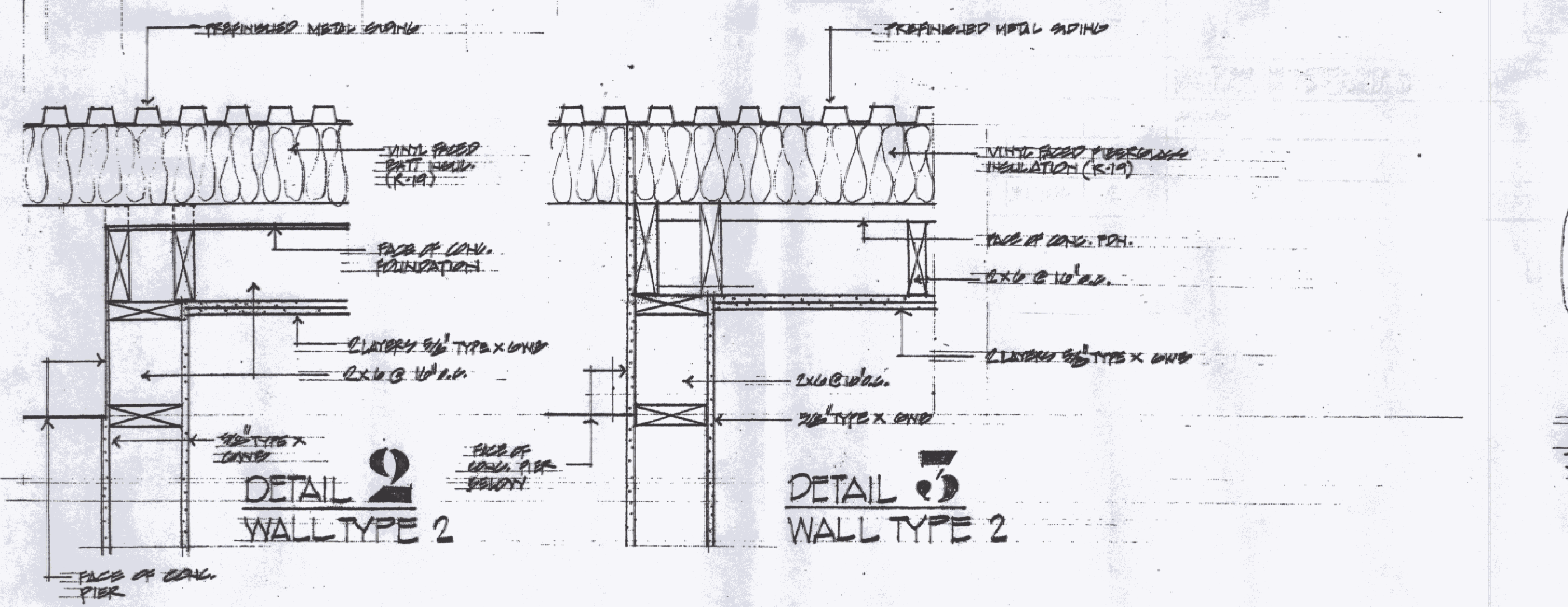
CHARLES E. METZ
ARCHITECT
THE GRIST MILL
BRADFORD VT 05033

DRAWING:
A2

DOOR AND FRAME SCHEDULE													
NO.	DOOR	DESCRIPTION		FRAME			DETAILS			GLASS	UL	HPW	REMARKS
		MATERIAL	WIDTH	HEIGHT	TYPE	MATERIAL	THRESH'D	HEAD	JAMB				
1	A	GRAN. H.M. GLASS	3'-0"	7'-0"	BY BRK. H.M.	ALUM.	BY BRK. H.M.	BY BRK. H.M.	-	WIRE	-	1	DOOR TO BE INSULATED. THRESHOLD TO HAVE THERMAL BREAK. SEE BY BUILDING MFG.
2	A	GRAN. H.M. GLASS	3'-0"	7'-0"	SAME	ALUM.	SAME	SAME	-	WIRE	-	1	FRAME
3	B	GRAN. H.M.	3'-0"	7'-0"	SAME	ALUM.	SAME	SAME	-	-	-	1	FRAME
4	B	H.M.	3'-0"	7'-0"	1	H.M.	2	2	-	GLASS	-	2	



SCHEDULE OF INTERIOR FINISHES									
NO.	R.O.M.	FLOOR	WALL	CEILING	REMARKS				
BAY 1	CONCRETE	CONCRETE	OPEN	VINYL FACED INSULATION	VINYL FACED				
BAY 2	CONCRETE	CONCRETE	OPEN	OPEN	VINYL FACED INSULATION				
BAY 3	CONCRETE	CONCRETE	OPEN	OPEN	VINYL FACED INSULATION				
BAY 4	CONCRETE	CONCRETE	OPEN	OPEN	VINYL FACED INSULATION				
BAY 5	CONCRETE	CONCRETE	VINYL FACED INSULATION	OPEN	VINYL FACED INSULATION				
MECHANICAL EQUIP.	CONCRETE	CONCRETE	CANISTER	CANISTER	CANISTER				



10 APRIL 2010 - BID ISSUE

PROJECT:
NEW ON-DOW REMOVAL EQUIPMENT BLDG
VERMONT AGENCY OF TRANSPORTATION
ROUTE 112, COLCHESTER, VERMONT
TITLE:
SECTION 1
SCHEDULES AND DETAILS

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