

AGENCY OF TRANSPORTATION
STATE OF VERMONT
SIX BAY MAINTENANCE GARAGE
CLARENDON, VERMONT

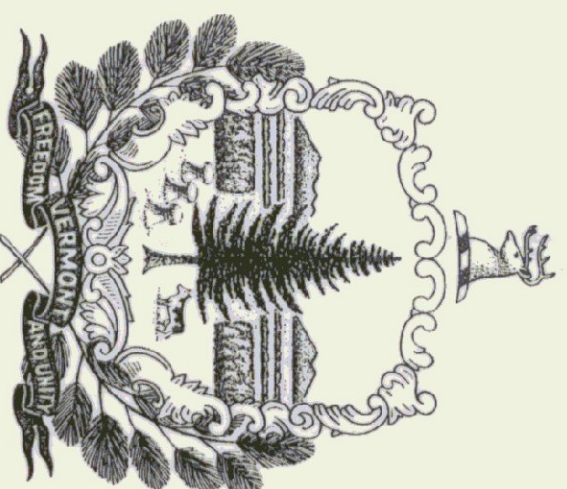
April 19, 1993

AGENCY OF ADMINISTRATION
 DEPARTMENT OF STATE BUILDINGS
 2 GOVERNOR AIKEN AVENUE
 MONTPELIER, VERMONT 05602
 JOHN J. ZAMPIERI, COMMISSIONER

John J. Zampieri

AGENCY OF TRANSPORTATION
 133 STATE STREET
 MONTPELIER, VERMONT 05602
 PATRICK J. GARAHAN, SECRETARY

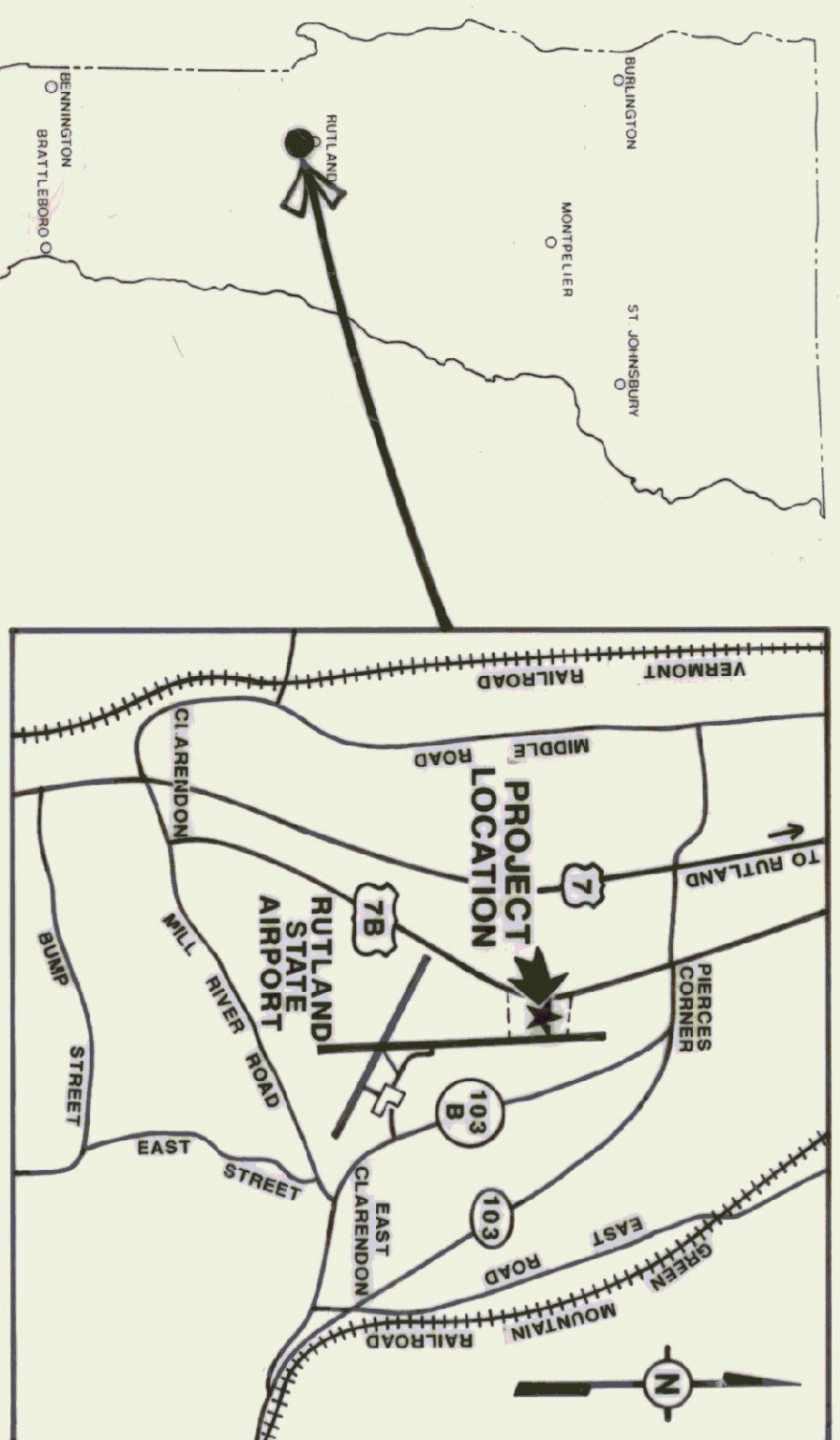
Patrick J. Garahan

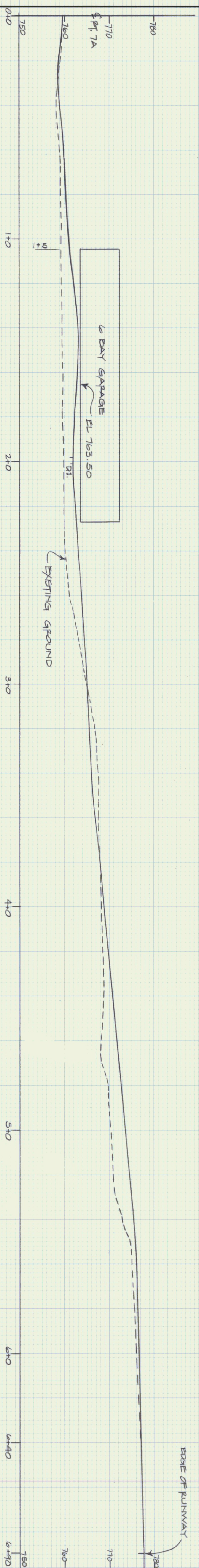


GOVERNOR HOWARD DEAN

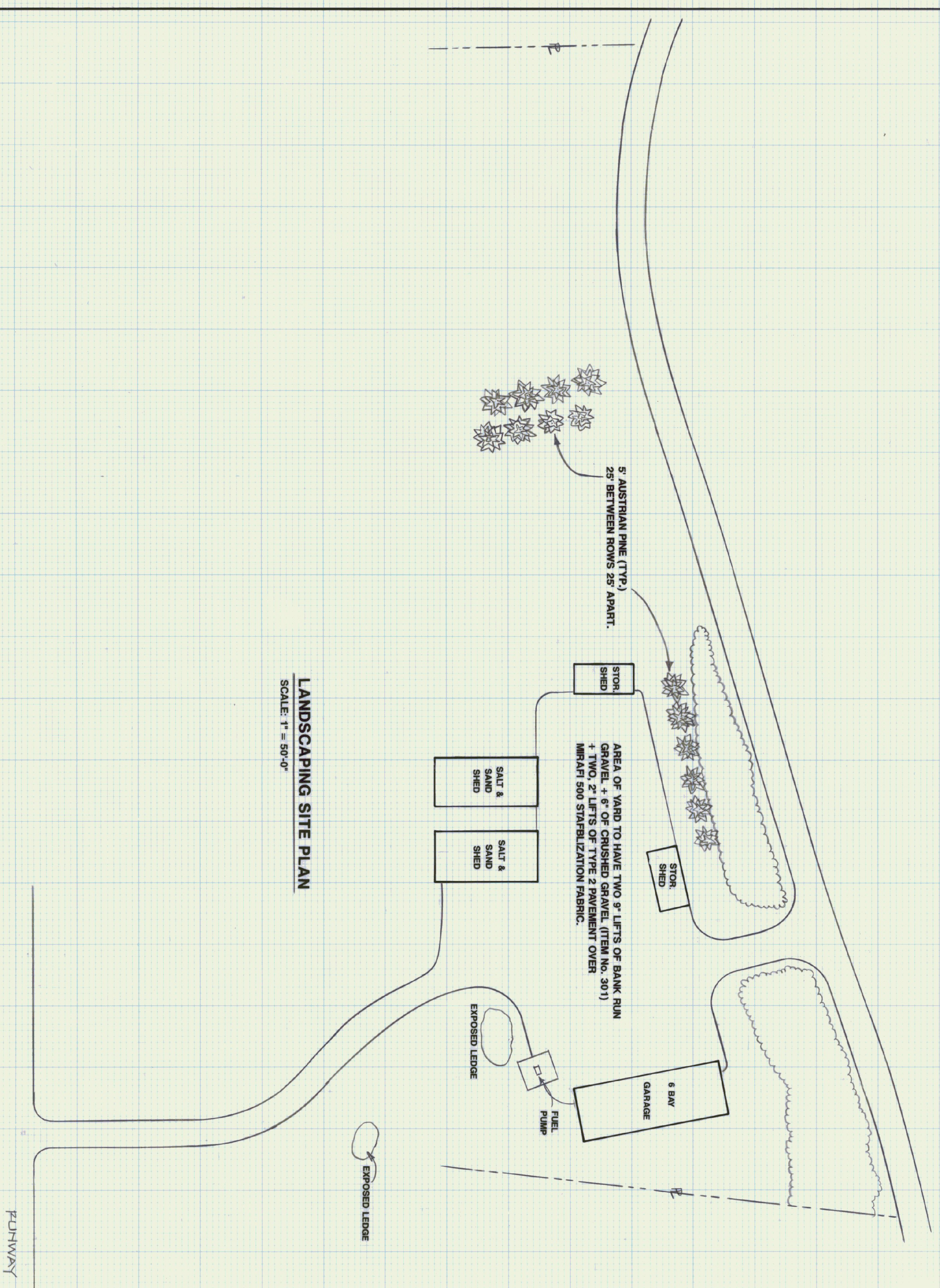
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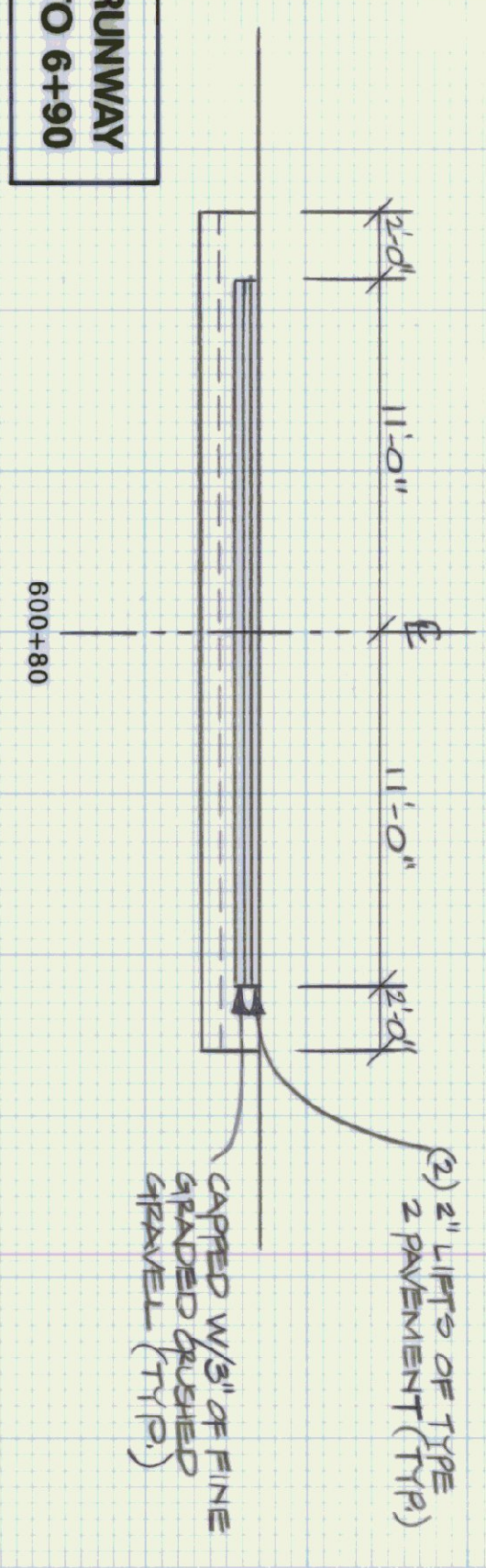


PROFILE OF ENTRANCE ROAD
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

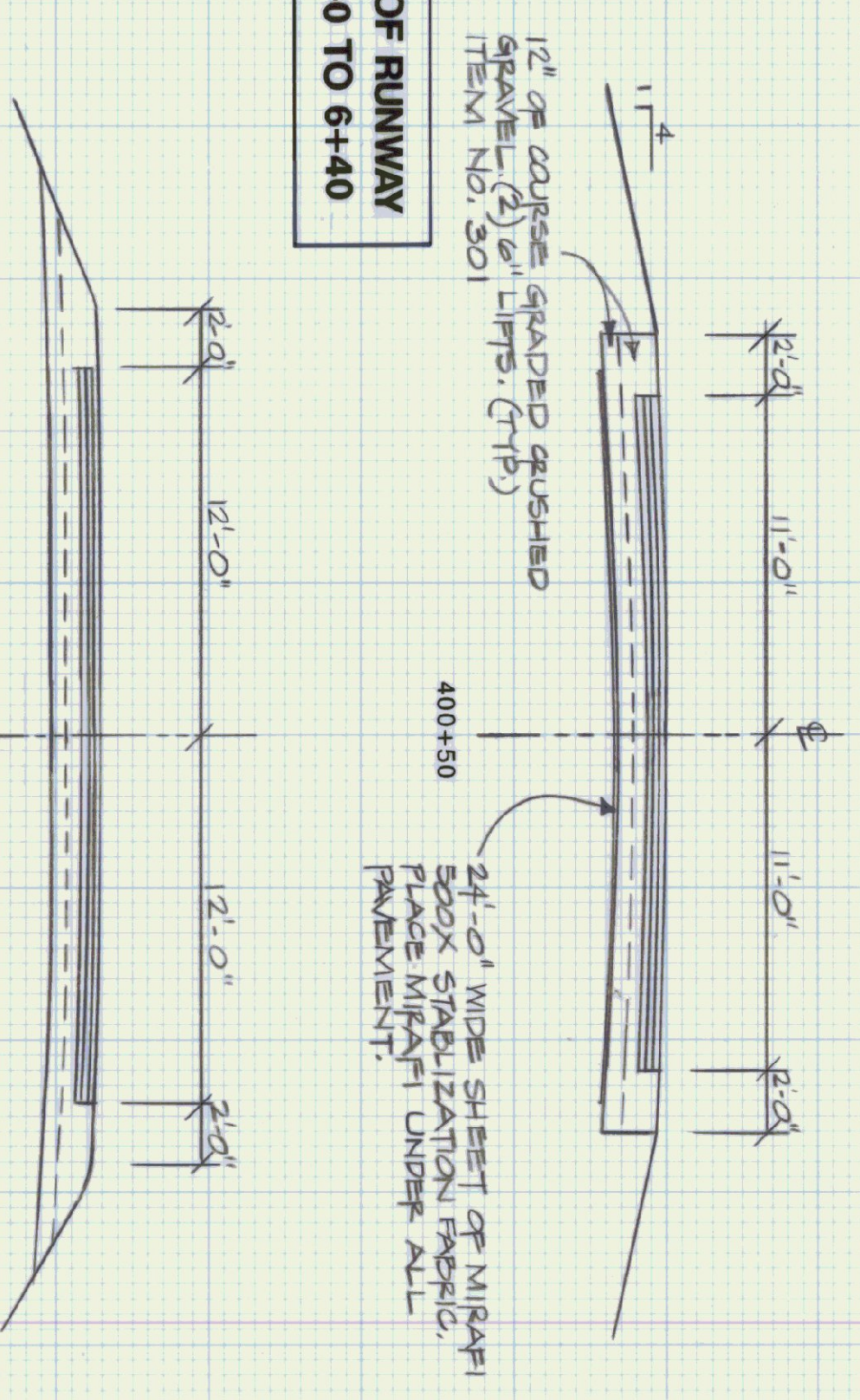


LANDSCAPING SITE PLAN
 SCALE: 1" = 50'-0"

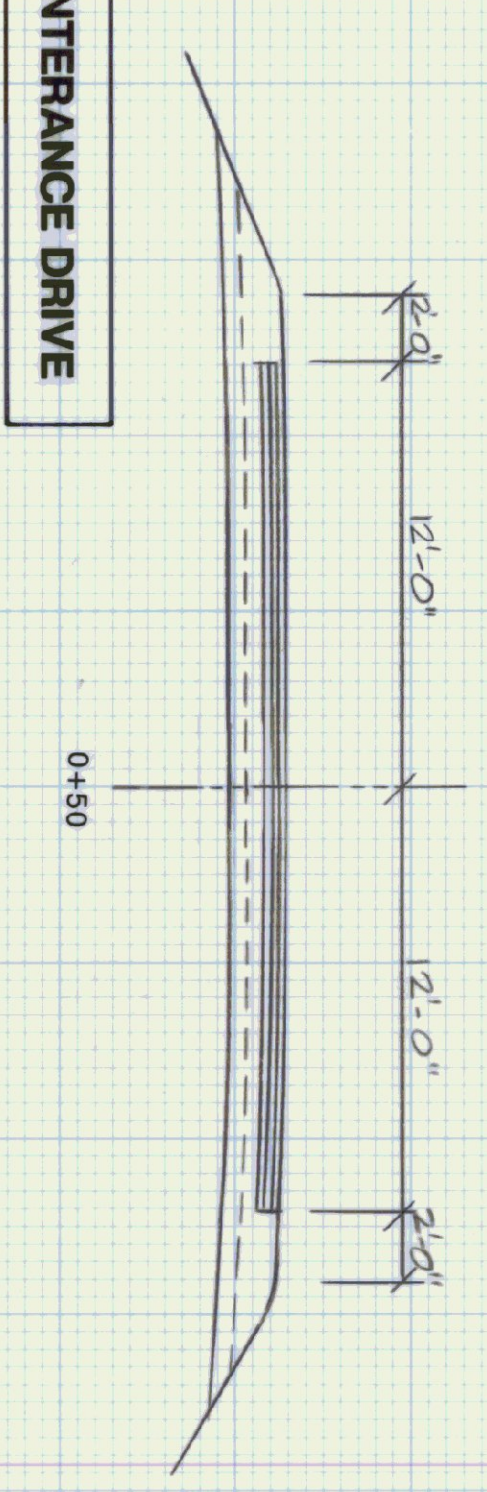
TYPICAL OF RUNWAY ROAD 6+40 TO 6+90



TYPICAL OF RUNWAY ROAD 3+0 TO 6+40



TYPICAL OF ENTRANCE DRIVE

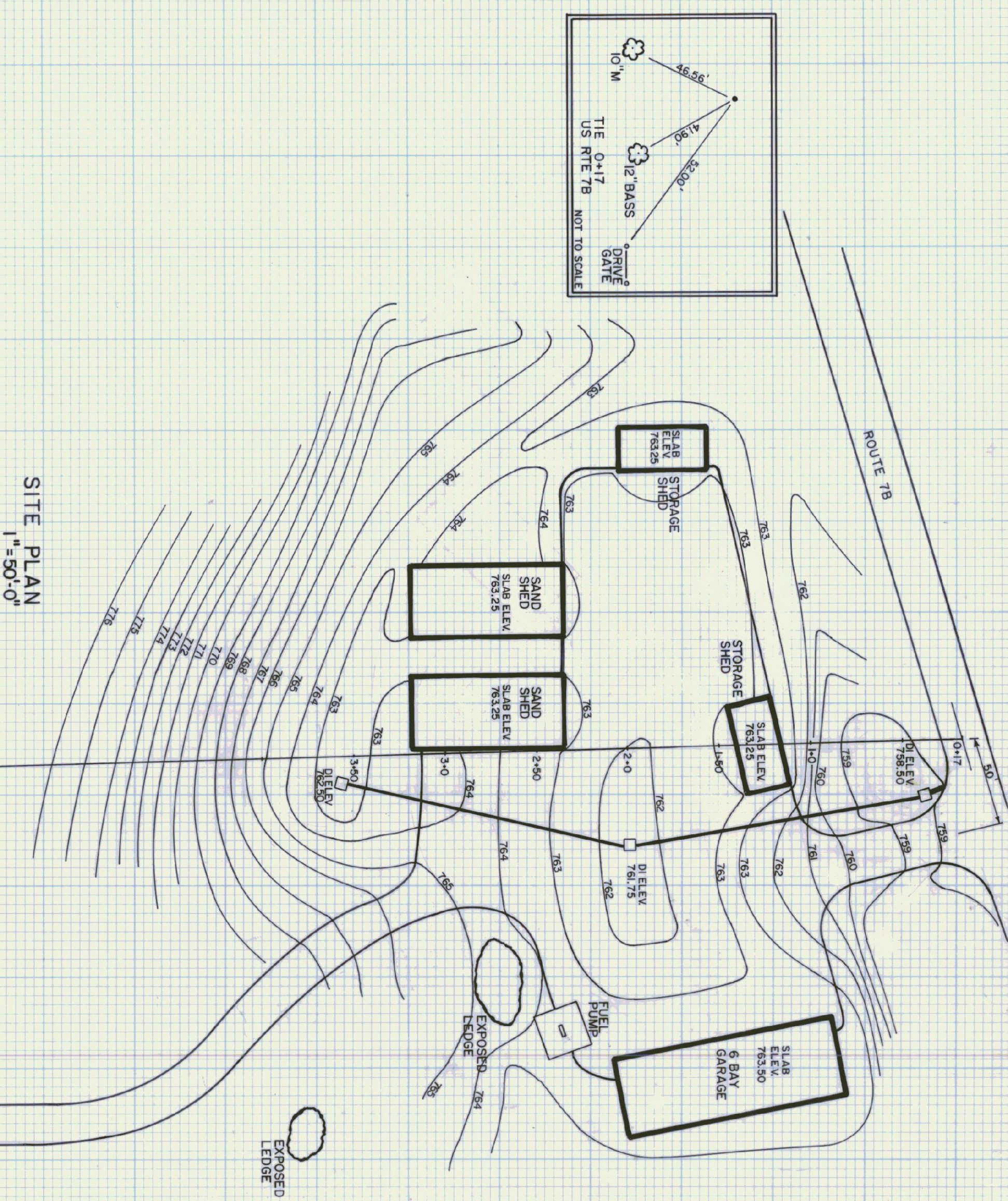
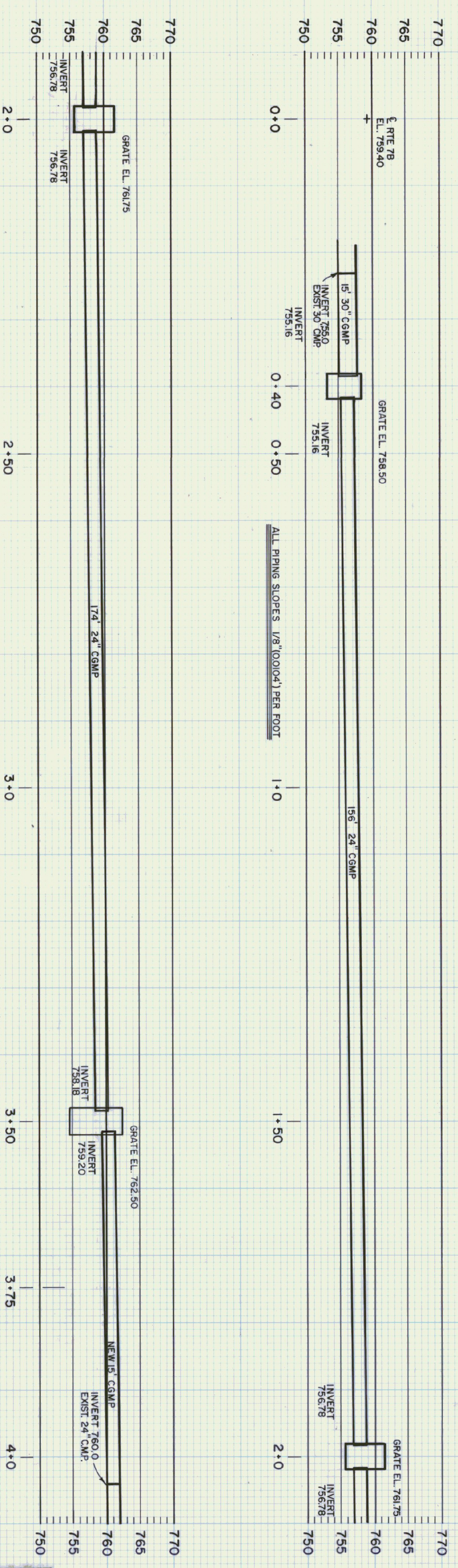
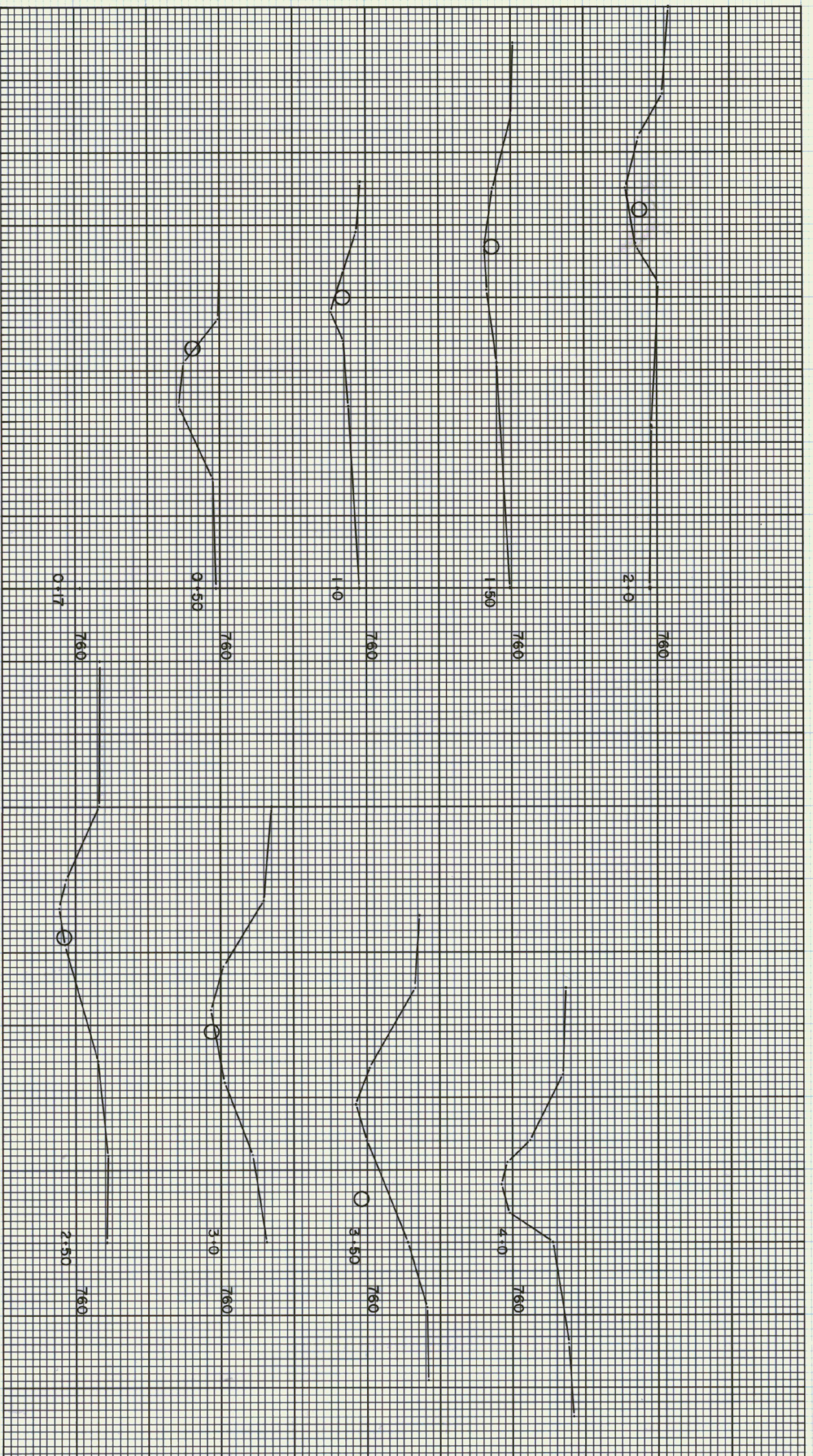


SECTIONS OF ENTRANCE ROAD & RUNWAY ROAD
 HORIZONTAL & VERTICAL SCALE: 1" = 5'-0"

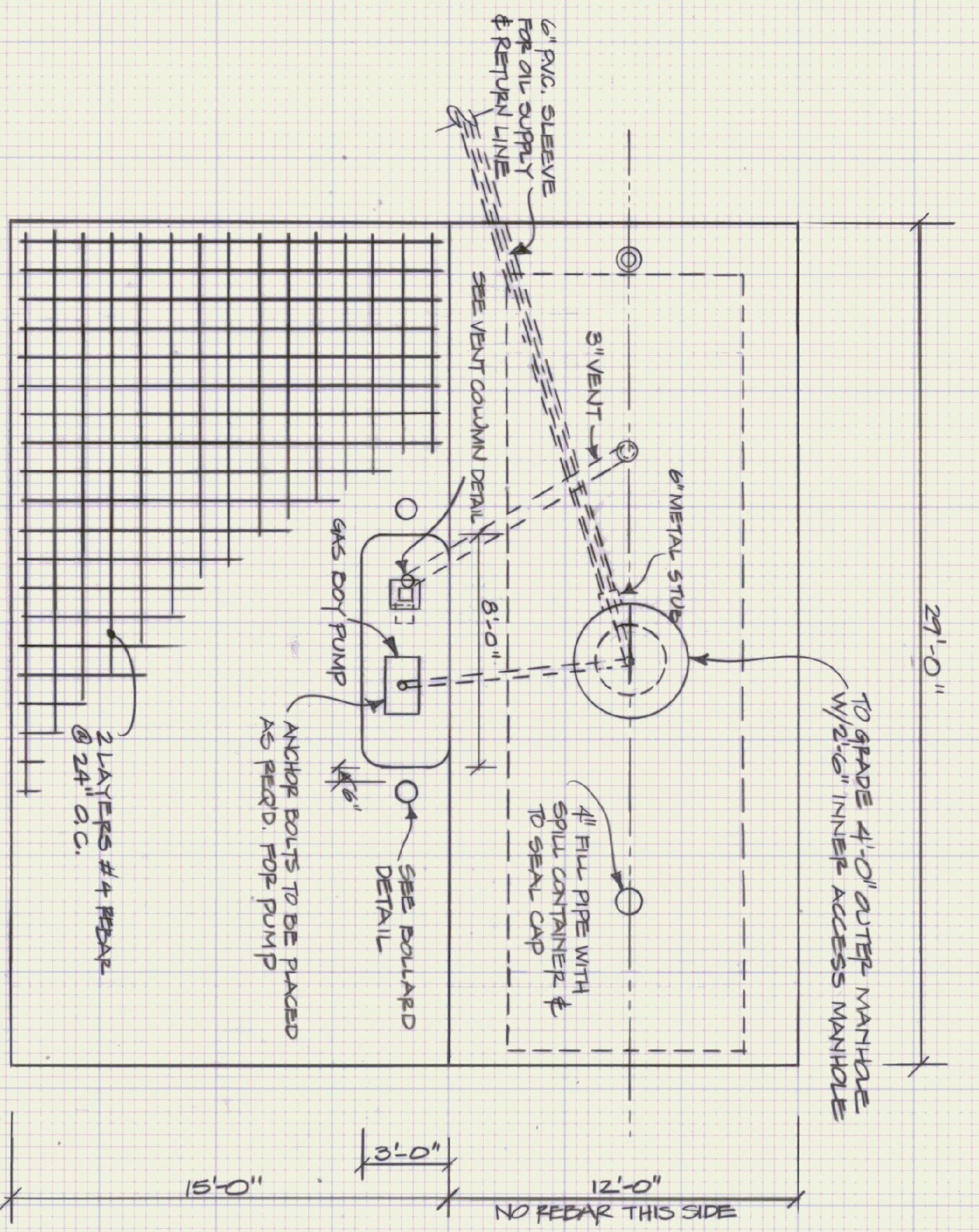
STATE OF VERMONT
 DEPARTMENT OF STATE BUILDINGS
 AGENCY OF ADMINISTRATION
 MONTPELIER, VERMONT

LANDSCAPING SITE PLAN & DRIVE SECTIONS & PROFILE
 VERMONT AGENCY OF TRANSPORTATION
 6 BAY MAINTENANCE GARAGE
 CLARENDON, VERMONT

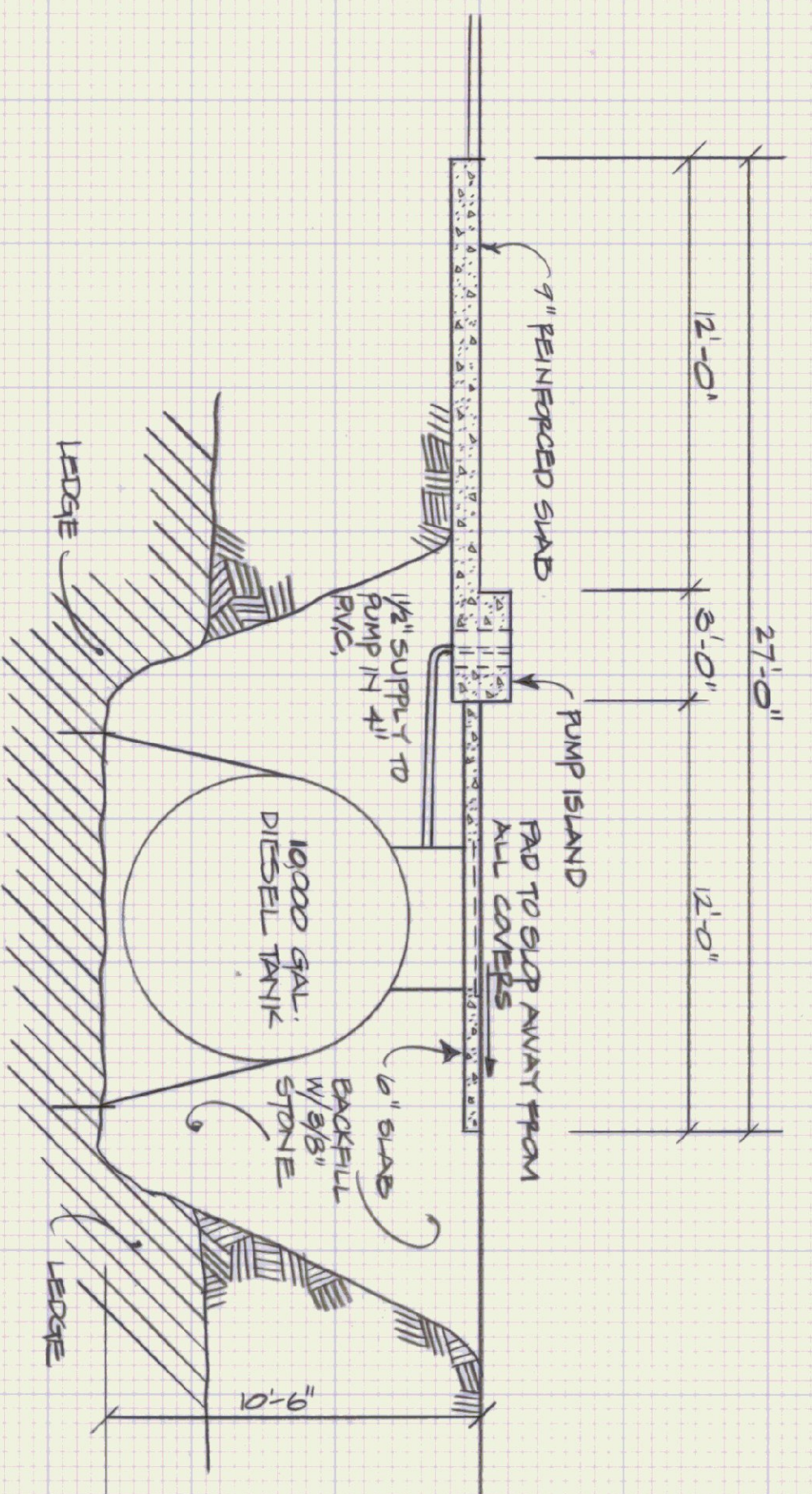
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DRAWN BY: A. HOULIN	APPROVED BY: [Signature]		2 OF 23



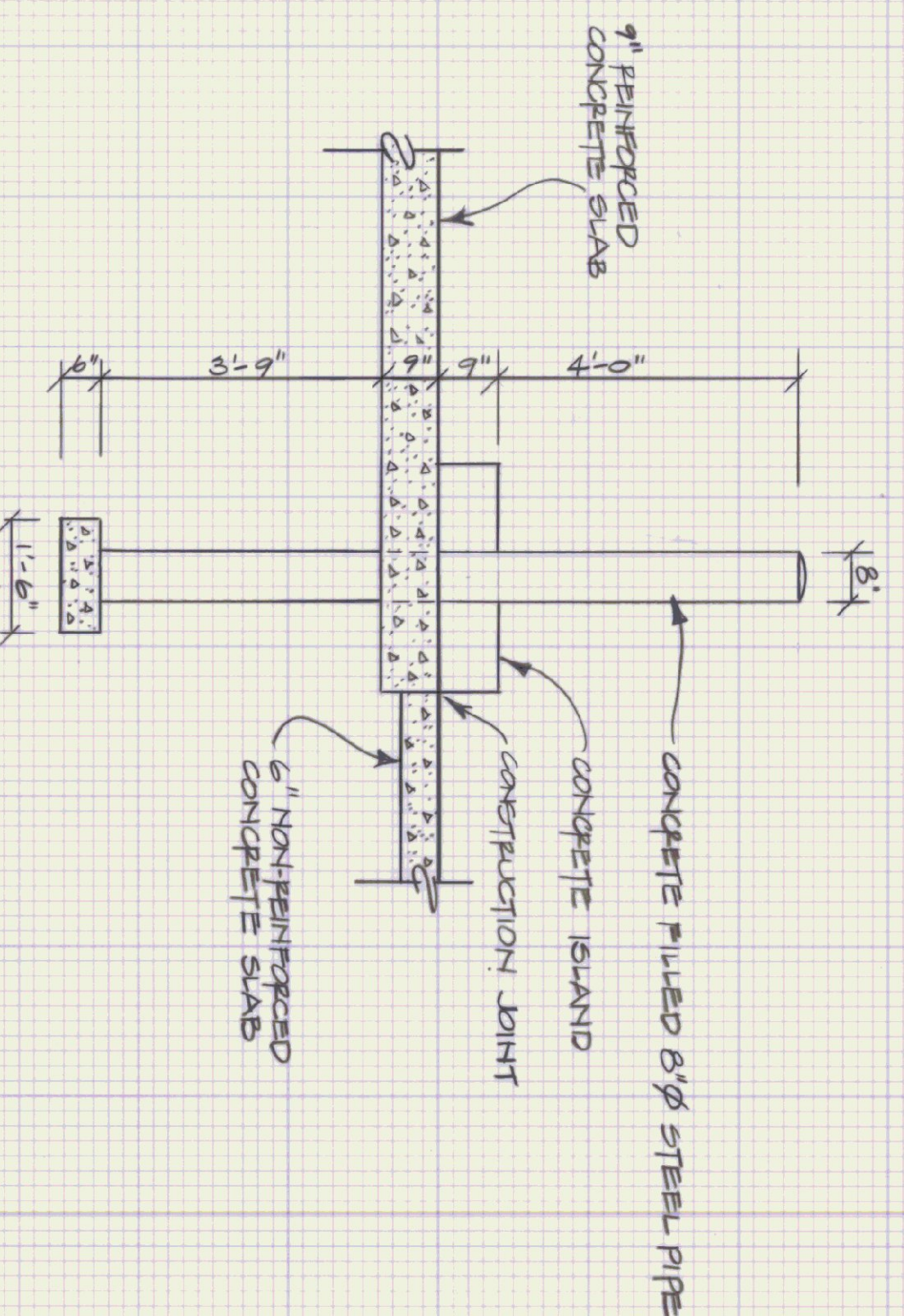
STATE OF VERMONT			
DEPARTMENT OF STATE BUILDINGS			
AGENCY OF ADMINISTRATION			
MONTPELIER, VERMONT			
AGENCY OF TRANSPORTATION			
MAINTENANCE FACILITY			
DRAINAGE PLAN			
CLARENDON			
DATE	SCALE	REVISIONS	DWG. NO.
APRIL 19, 1993	AS NOTED		SD-3
DRAWN BY:	APPROVED BY:		3 OF 23
S.K. JANAWICZ	F. PAUL		



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



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



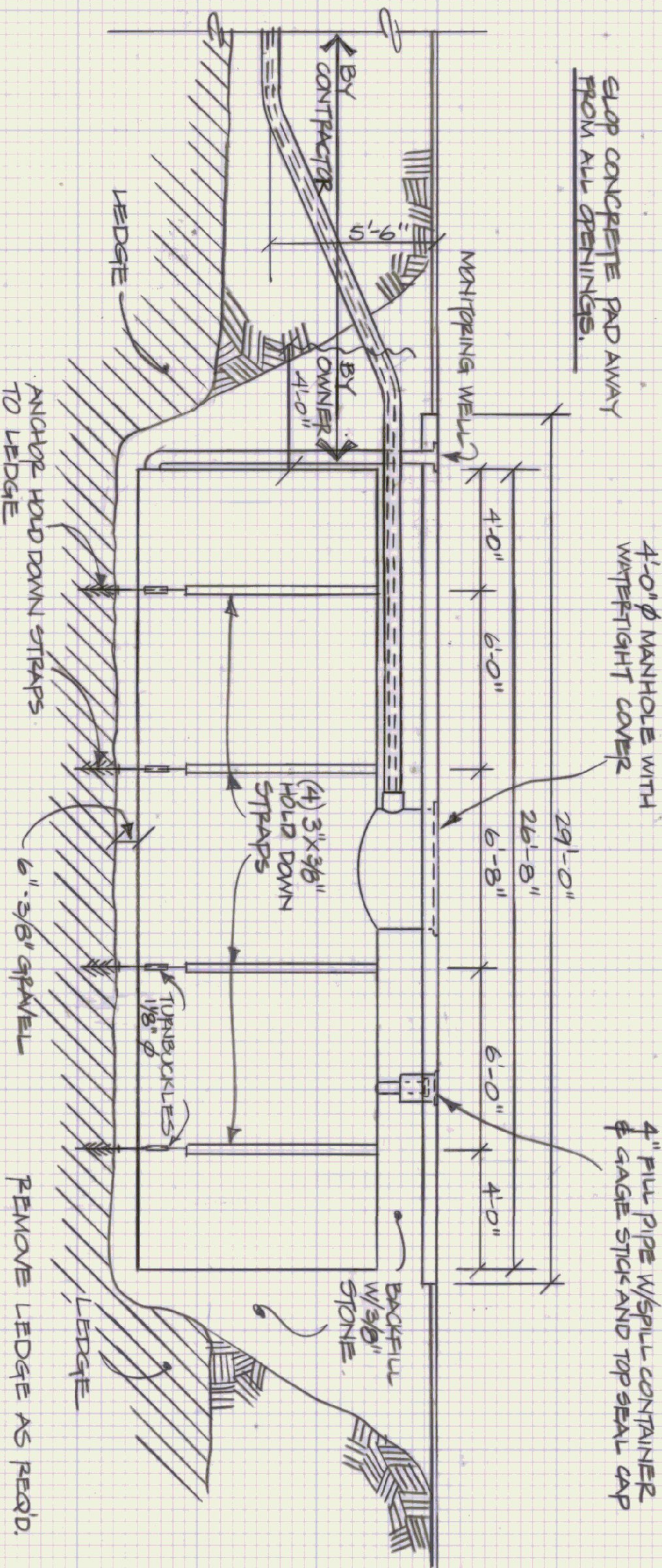
BOLLARD DETAIL
SCALE: 1/2" = 1'-0"

SLAB NOTES:

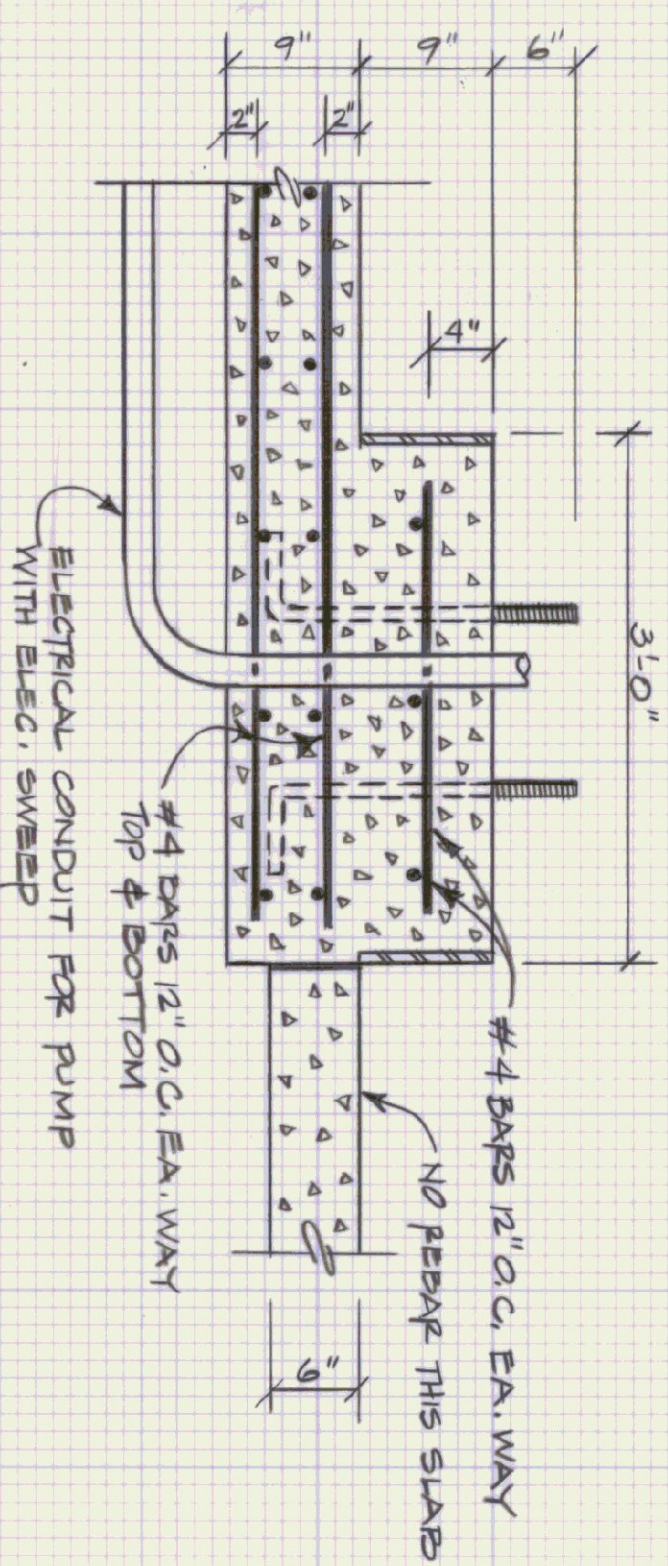
1. ALL CONCRETE SHALL BE NORMAL WEIGHT HAVING A MINIMUM STRENGTH OF 3500 PSI. AT 28 DAYS. CLASS B CONCRETE PER STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATION FOR CONSTRUCTION.
2. REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60.
3. ANCHOR BOLTS TO BE GRADE A 307.
4. SLOPE CONCRETE AWAY FROM ALL MANHOLES AND FILL PORTS.

PUMP AND TANK NOTES:

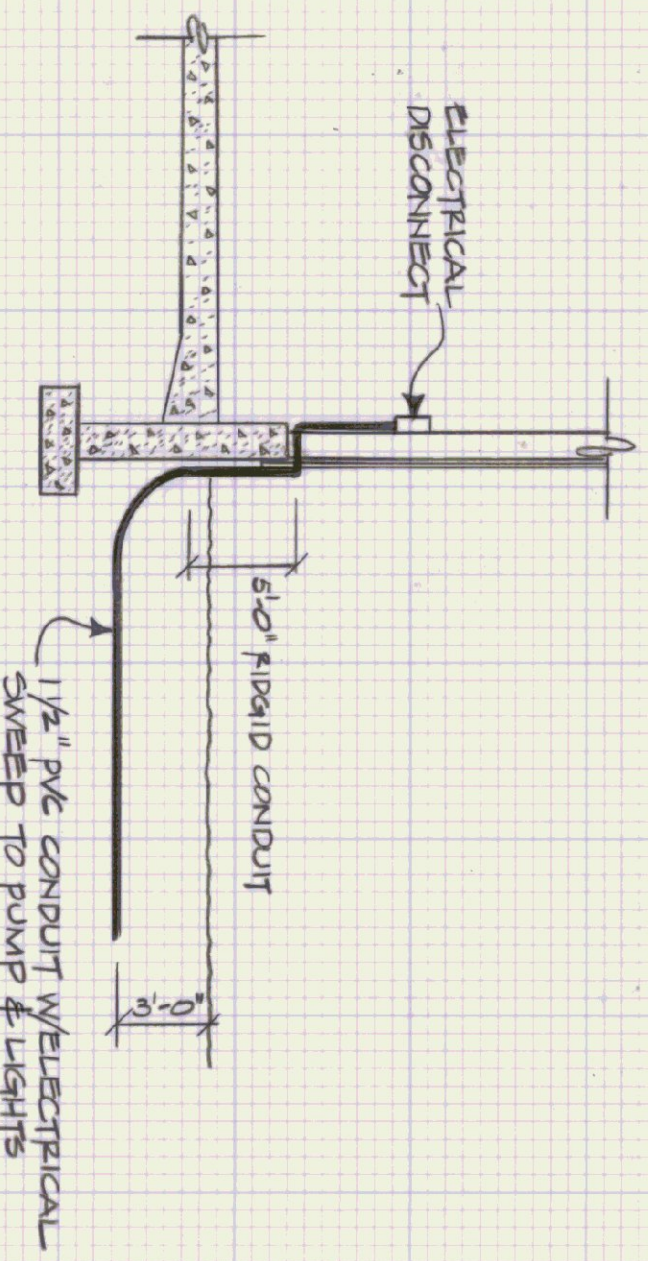
1. PROVIDE 1 GAS DOY SERIES 5053A REMOTE DISPENSERS AND CONNECT TO 10000 GAL. DIESEL TANK.
2. DIESEL TANK TO BE UNDERGROUND STI-73 SYSTEM DOUBLE WALL TANK 1/4" INTERWALL, 10 GA OUTERWALL.
3. CONTAINMENT MANHOLE AND FILL PIPE TO HAVE WATER TIGHT SEAL.
4. PUMP TO HAVE DIESEL FILTER, 1/2" CHECK VALVE, STANDARD 25' HOSE, MANUAL NOZZLE AND METER IN U.S. GALLONS WITH HOSE FEETWEAR.
5. ALL INSTALLATIONS ARE TO CONFORM TO STATE OF VERMONT, UNDERGROUND STORAGE TANK REGULATIONS, MARCH 1, 1987.



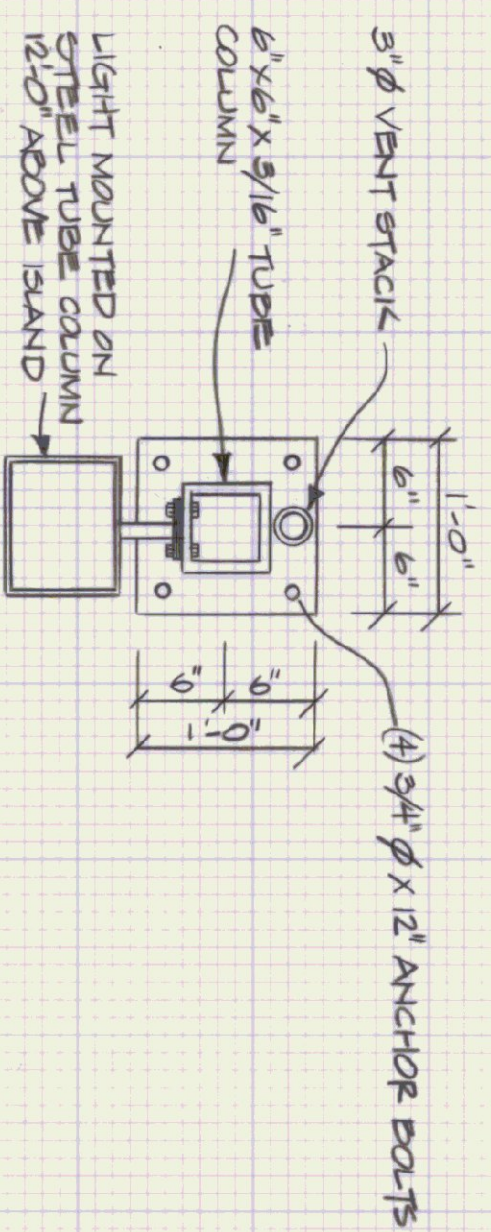
SIDE ELEVATION
SCALE: 1/4" = 1'-0"



CONCRETE SLAB AND ISLAND REINFORCEMENT
SCALE: 1" = 1'-0"



ELECTRICAL TO LIGHT AND PUMP
NOT TO SCALE



VENT/COLUMN DETAIL
SCALE: 1" = 1'-0"

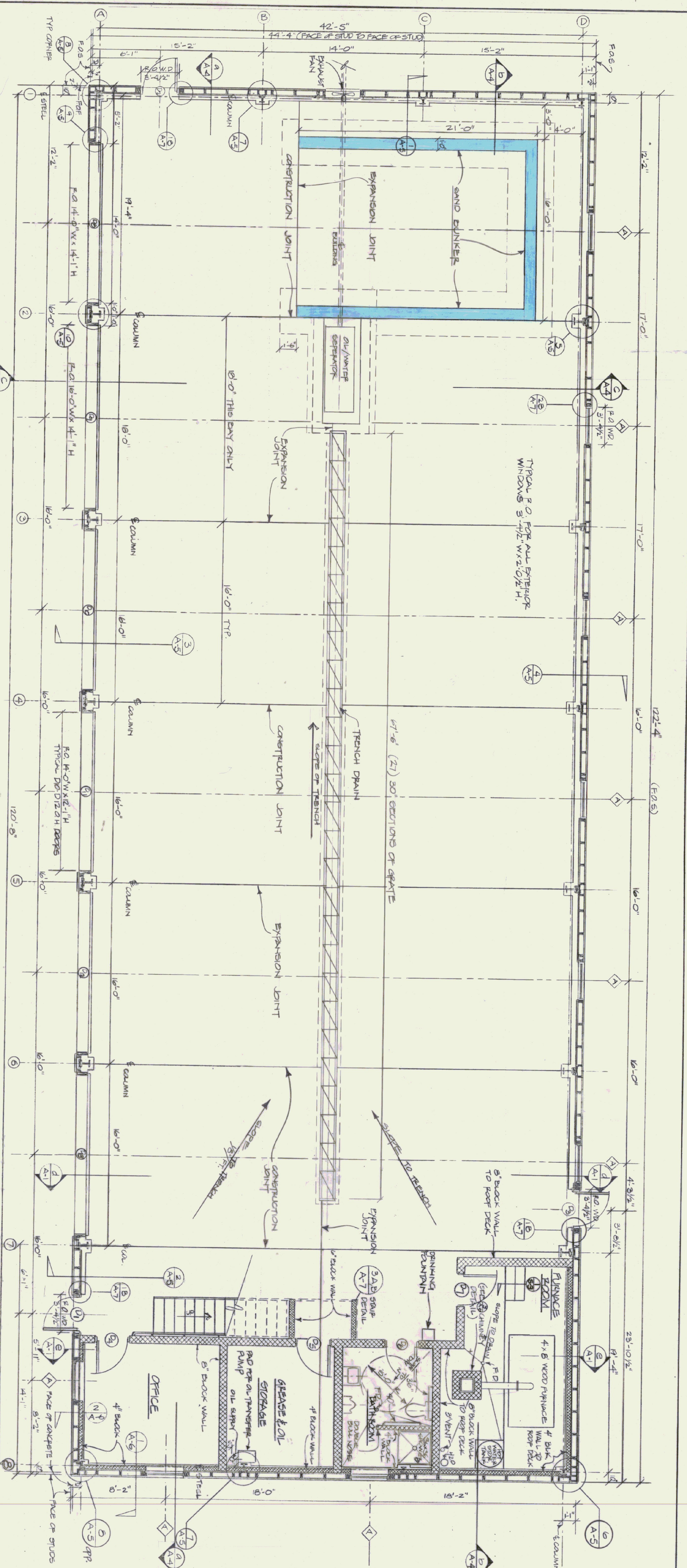
STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

FUEL TANK
VERMONT AGENCY OF TRANSPORTATION
6 BAY MAINTENANCE GARAGE
CLARENDON, VERMONT

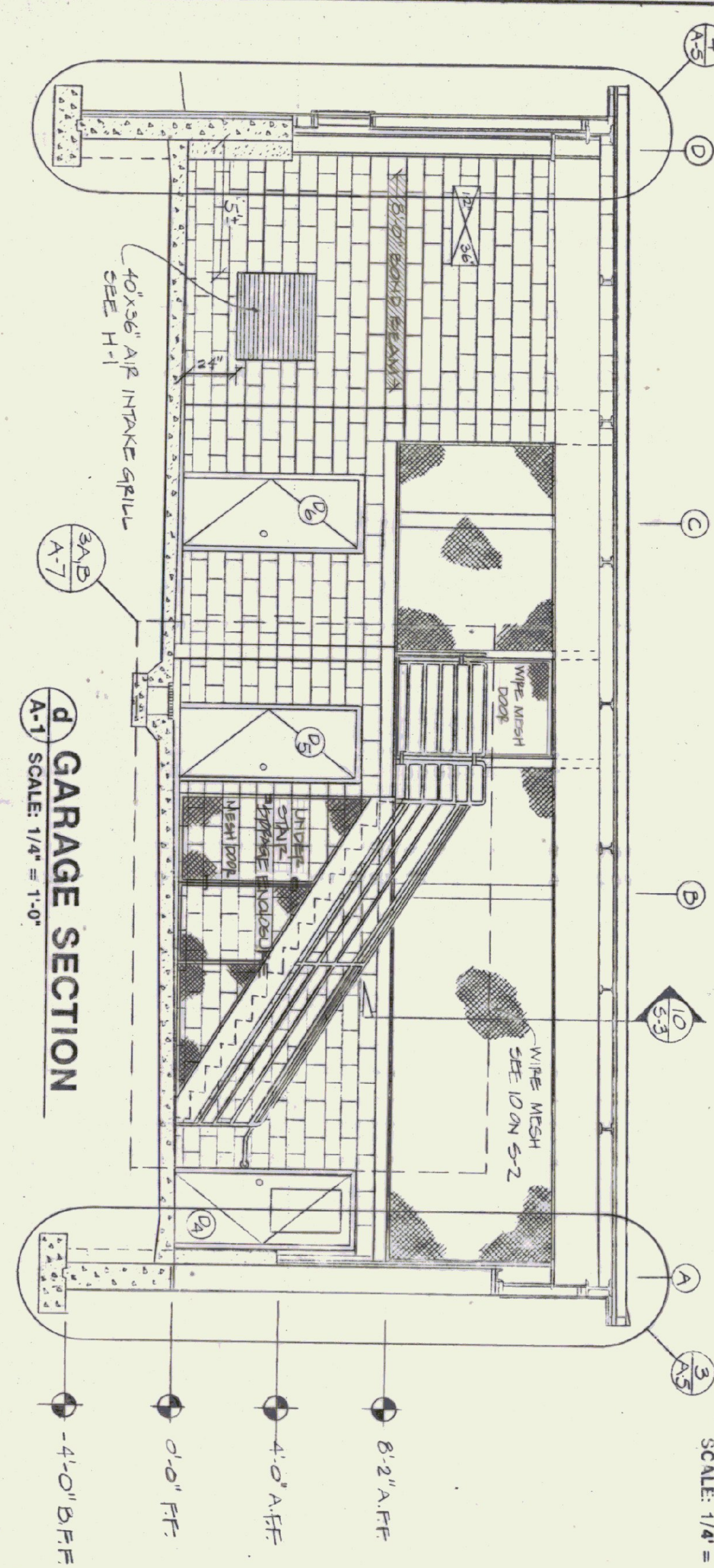
DATE: APRIL 19, 1993
DRAWN BY: A. POULIN
SCALE: AS NOTED
APPROVED BY: F. RAY

REVISIONS:

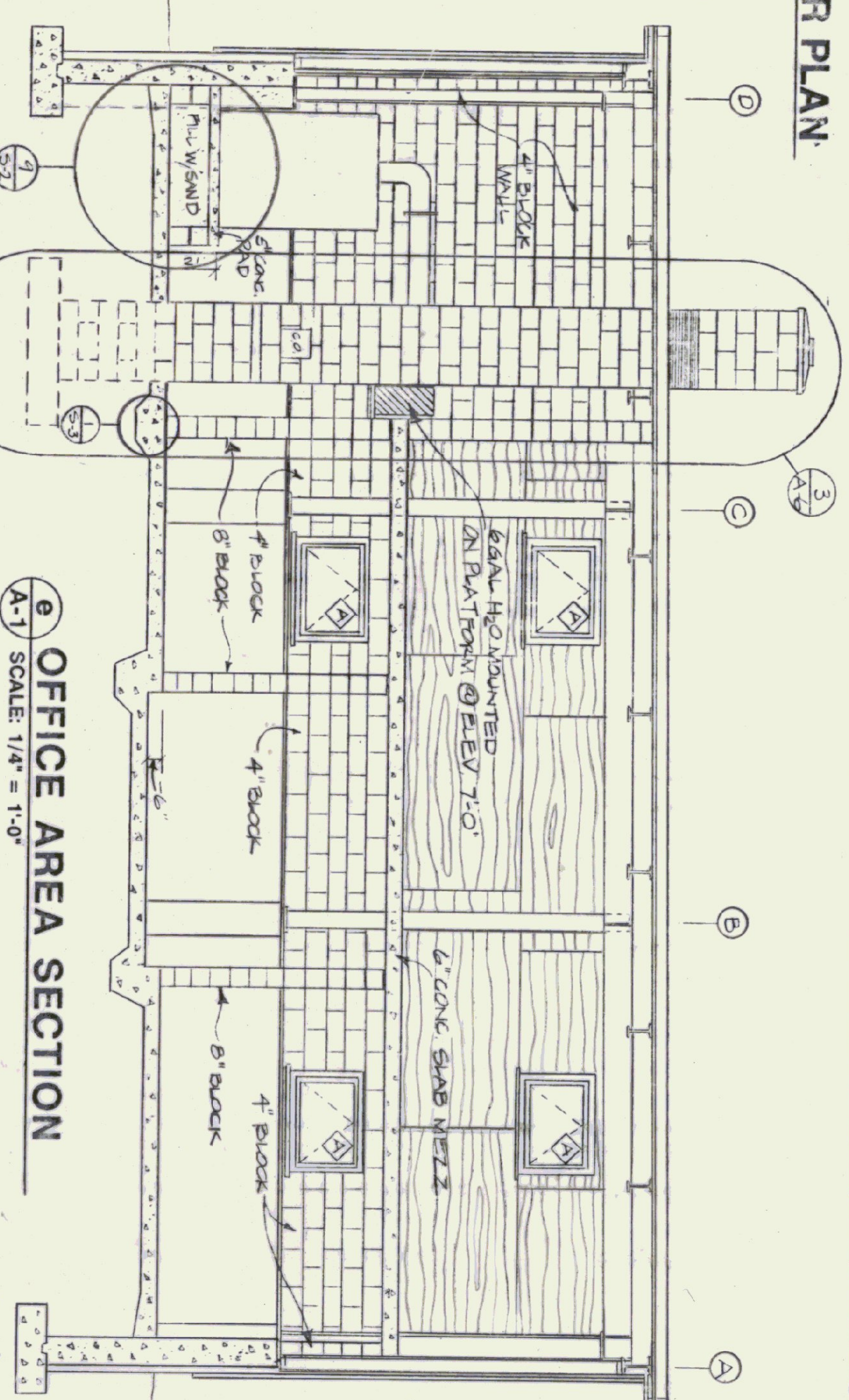
DWG. NO. FT-1
4 OF 23



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

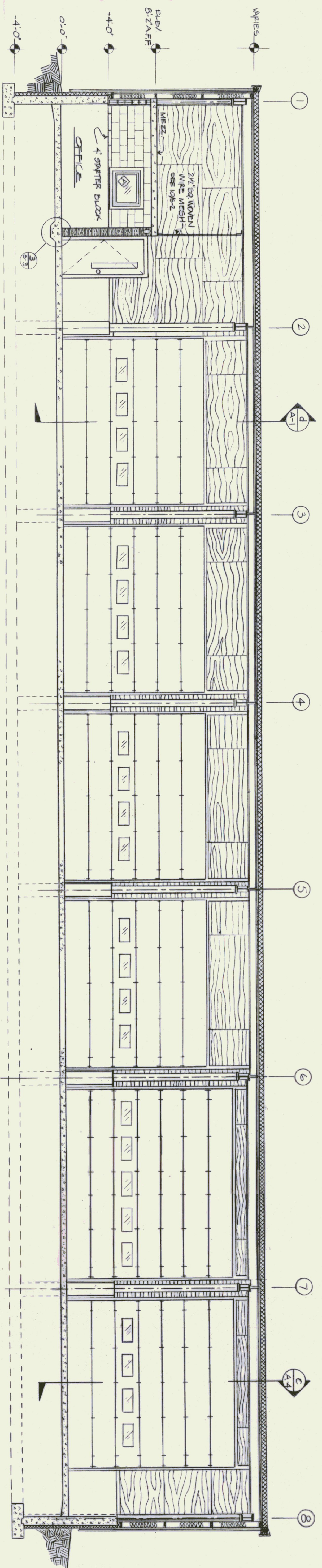


A-1 GARAGE SECTION
SCALE: 1/4" = 1'-0"

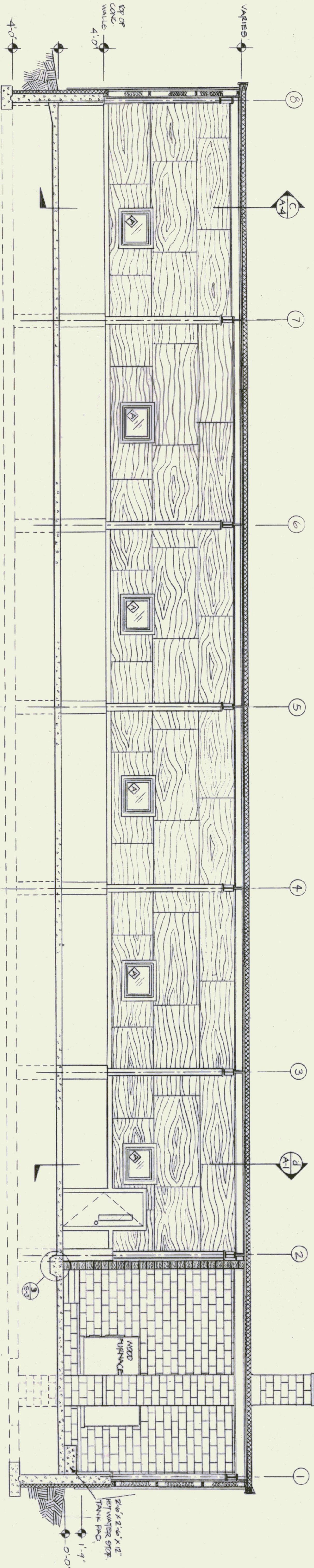


A-1 OFFICE AREA SECTION
SCALE: 1/4" = 1'-0"

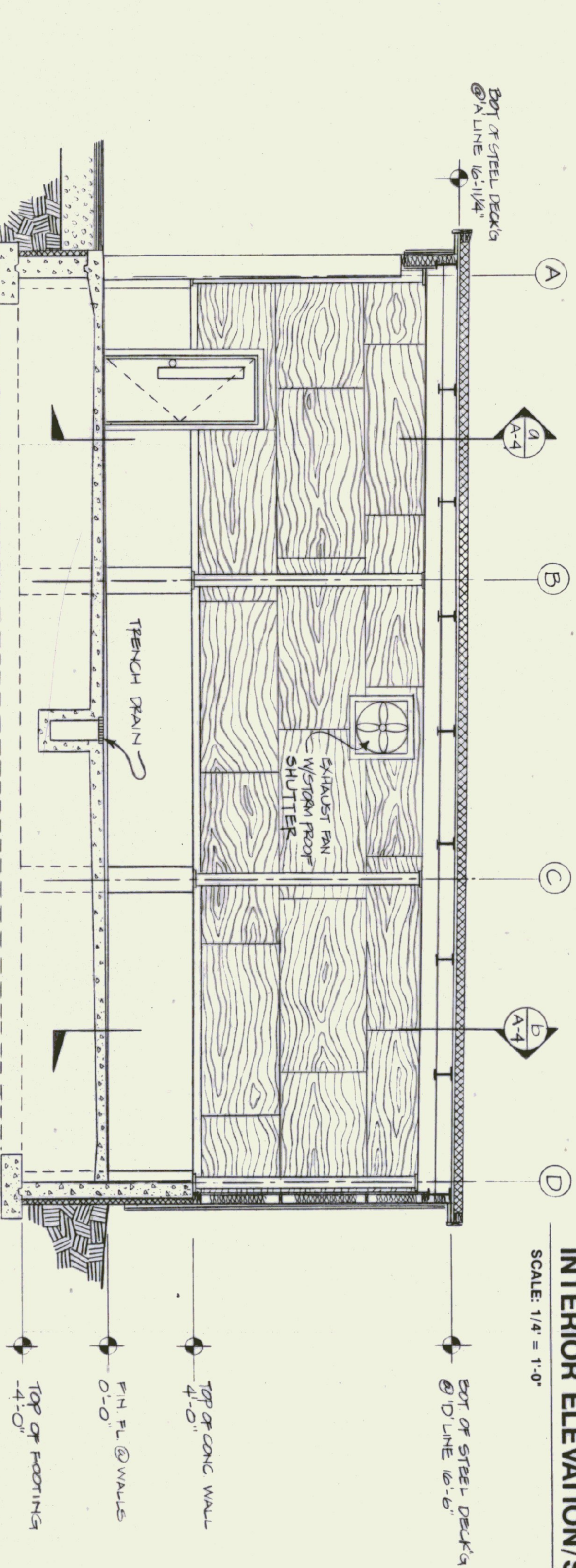
STATE OF VERMONT		VERMONT	
DEPARTMENT OF STATE BUILDINGS		MONTPELIER, VERMONT	
AGENCY OF ADMINISTRATION		VERMONT	
FIRST FLOOR PLAN			
VERMONT AGENCY OF TRANSPORTATION			
6 BAY MAINTENANCE GARAGE			
CLARENDON,		VERMONT	
DATE	SCALE	REVISIONS	DWG. NO.
APRIL 19, 1993	1/4" = 1'-0"	REVISED AND REPRODUCTION JTS.	A-1
DRAWN BY:	APPROVED BY:		
A. POULIN	F. KELL		
		5 OF 23	



INTERIOR ELEVATION/SECTION (LOOKING TOWARD "A" LINE)
SCALE: 1/4" = 1'-0"

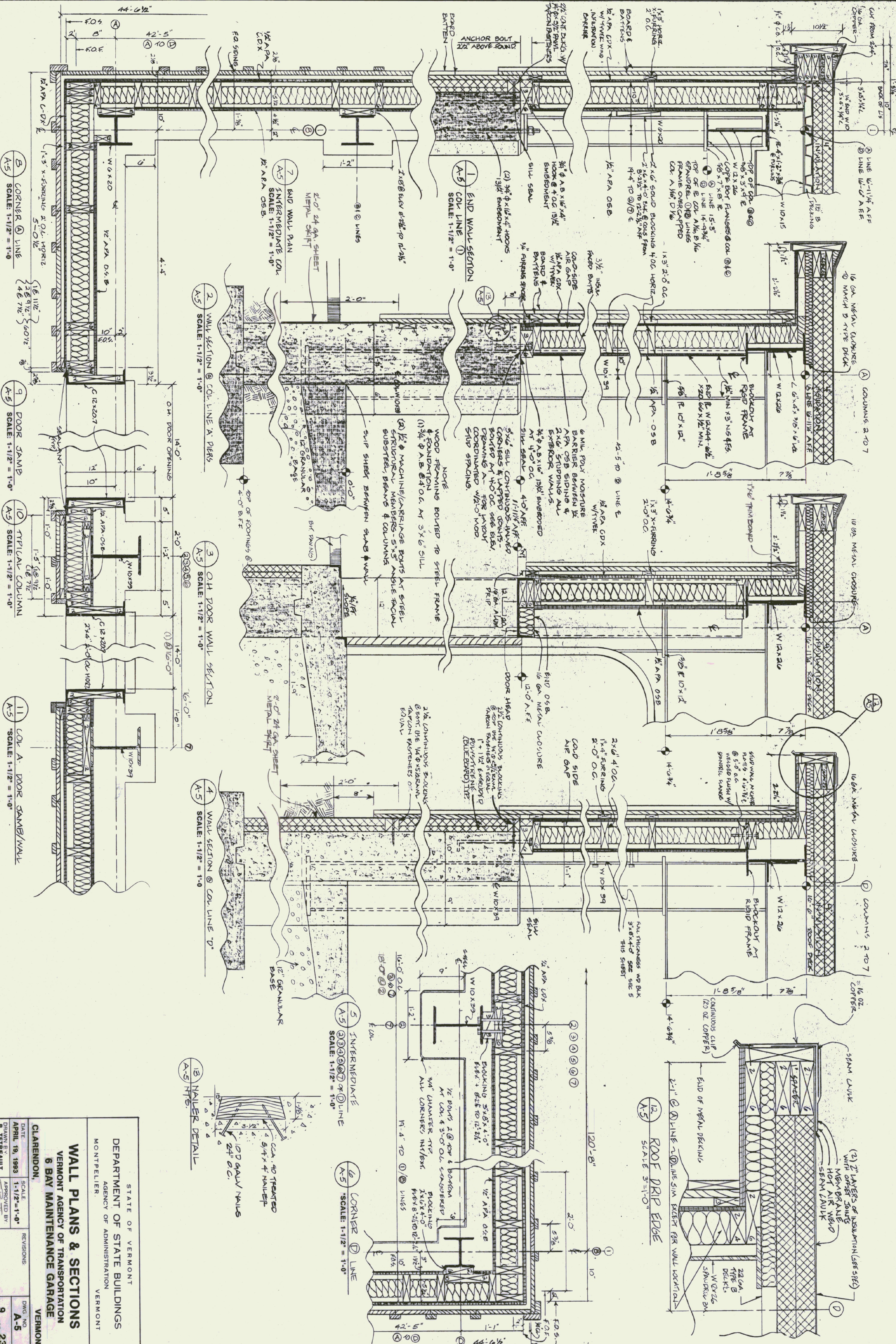


INTERIOR ELEVATION/SECTION (LOOKING TOWARD "D" LINE)
SCALE: 1/4" = 1'-0"



INTERIOR ELEVATION/SECTION (LOOKING TOWARD #1 COL. LINE)
SCALE: 1/4" = 1'-0"

STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS AGENCY OF ADMINISTRATION MONTPELIER, VERMONT		STATE OF VERMONT DEPARTMENT OF TRANSPORTATION VERMONT AGENCY OF TRANSPORTATION 6 BAY MAINTENANCE GARAGE CLARENDON, VERMONT	
DATE APRIL 19, 1993	SCALE 1/4" = 1'-0"	REVISIONS:	DWG. NO. A-4
DRAWN BY: A. FODULIN	APPROVED BY: 		8 OF 23

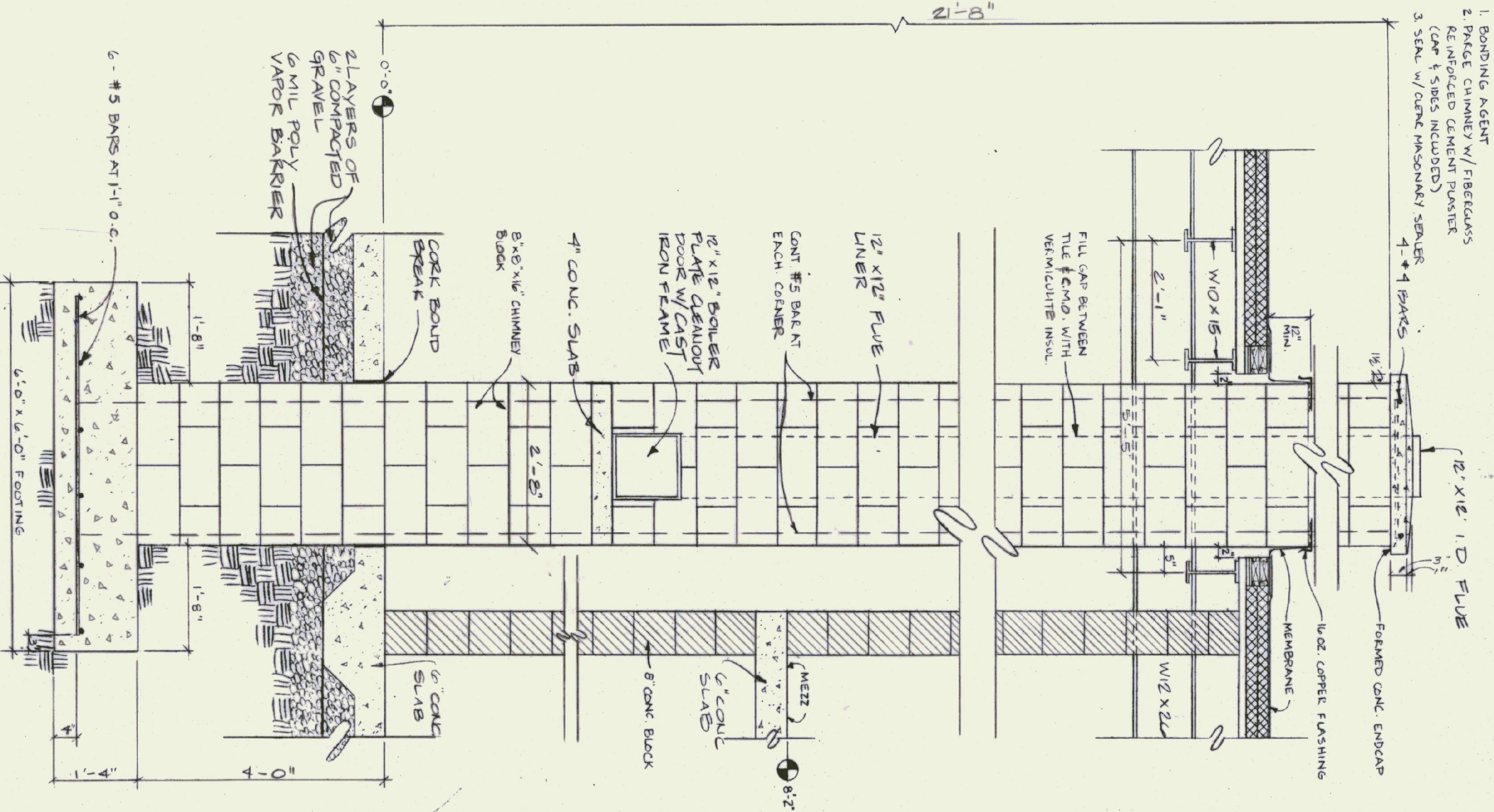
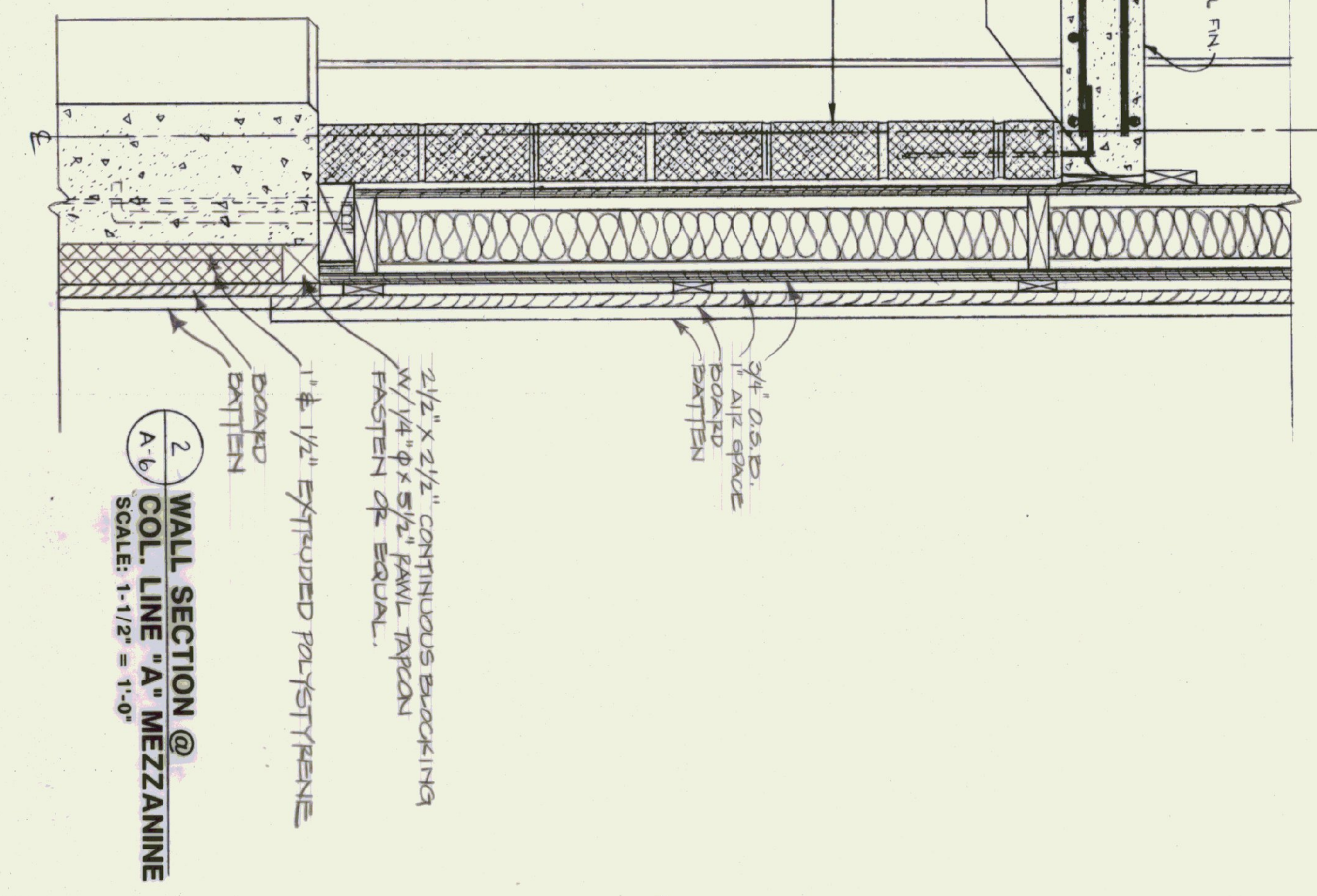
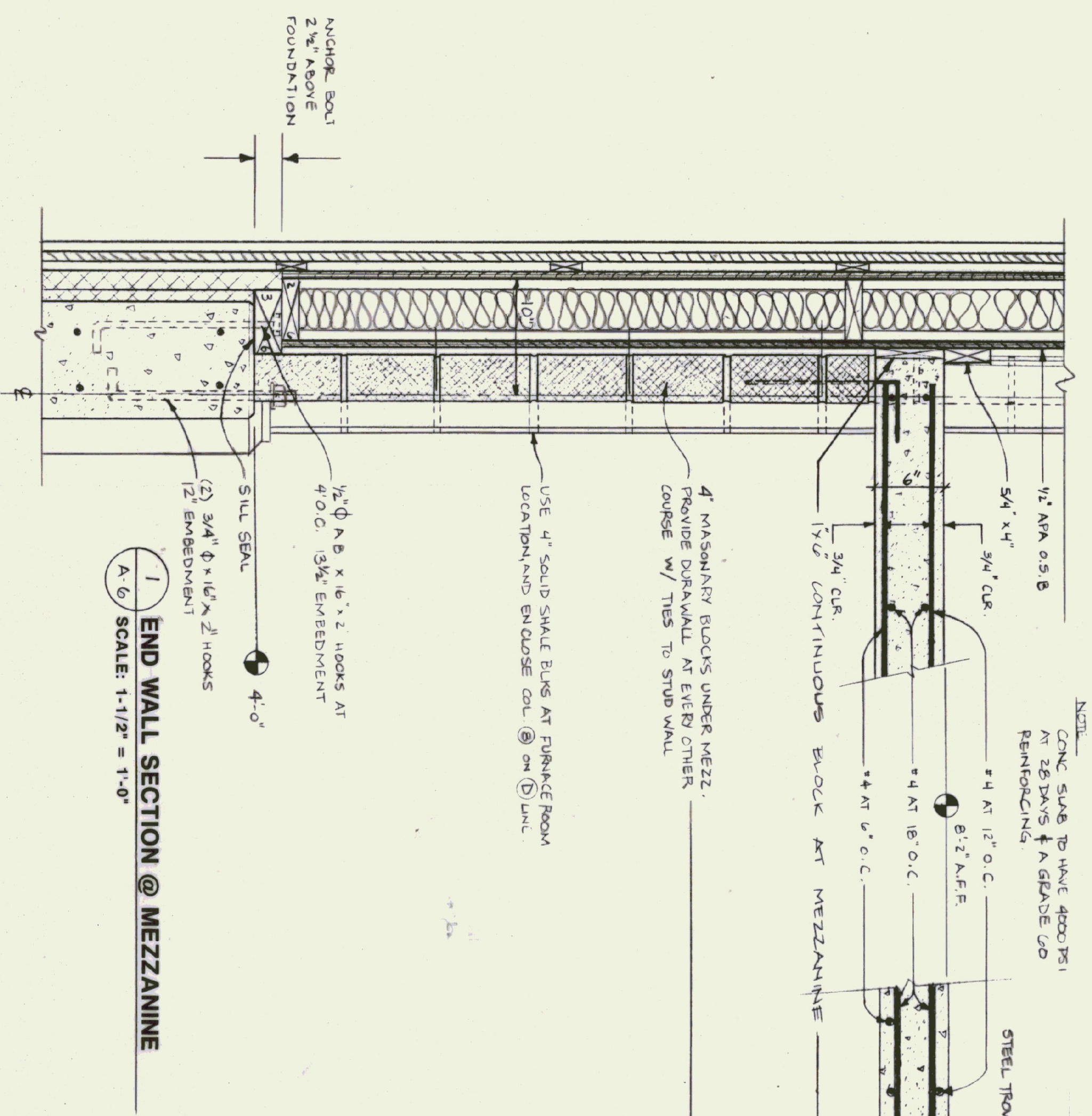
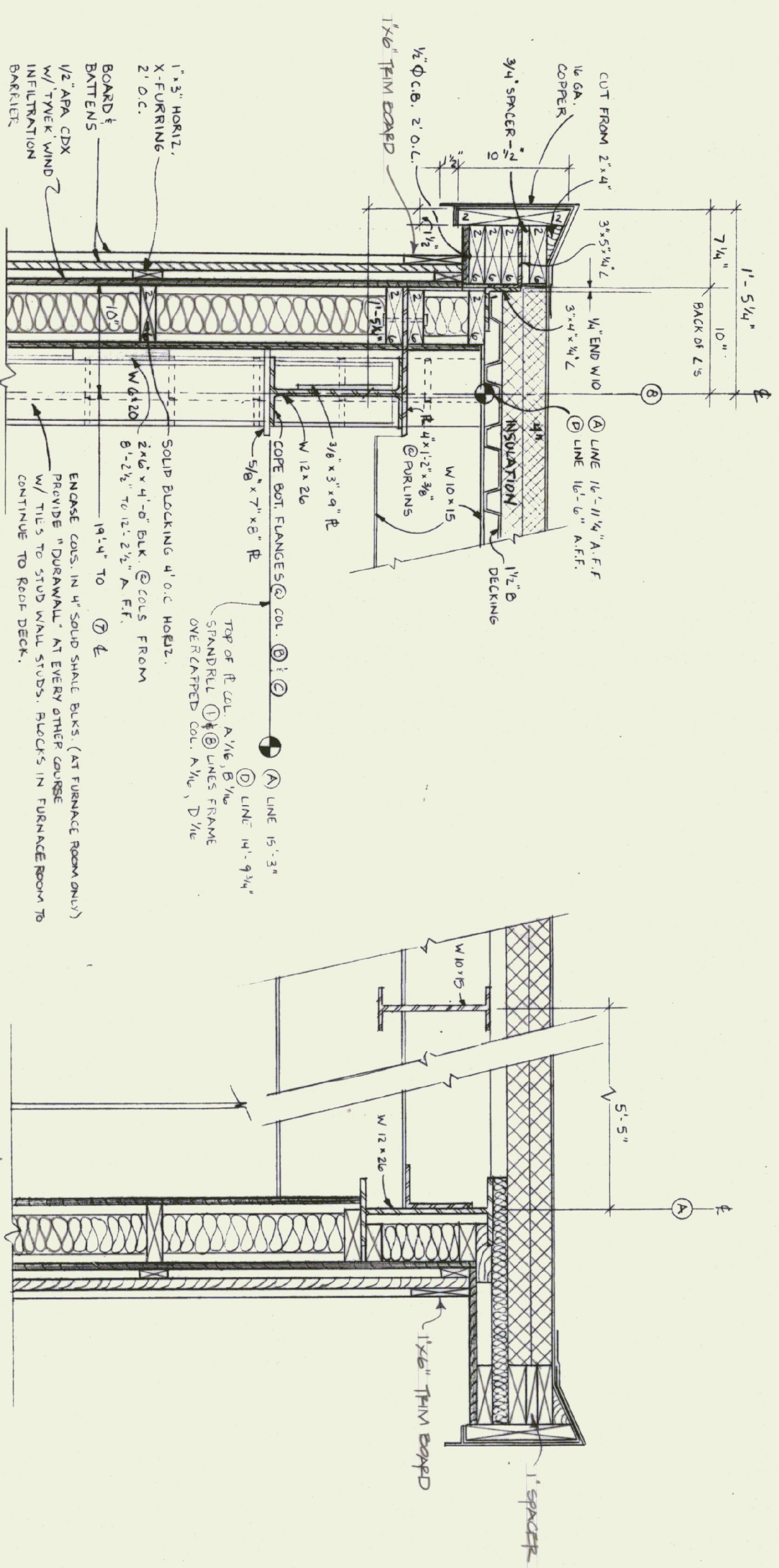


STATE OF VERMONT
 DEPARTMENT OF STATE BUILDINGS
 AGENCY OF ADMINISTRATION
 MONTPELIER, VERMONT

WALL PLANS & SECTIONS
 VERMONT AGENCY OF TRANSPORTATION
 6 BAY MAINTENANCE GARAGE
 VERMONT
 CLARENDON

DATE: APRIL 19, 1993
 DRAWN BY: R. TETREHAULT
 APPROVED BY: [Signature]
 SCALE: 1-1/2" = 1'-0"

REVISIONS:
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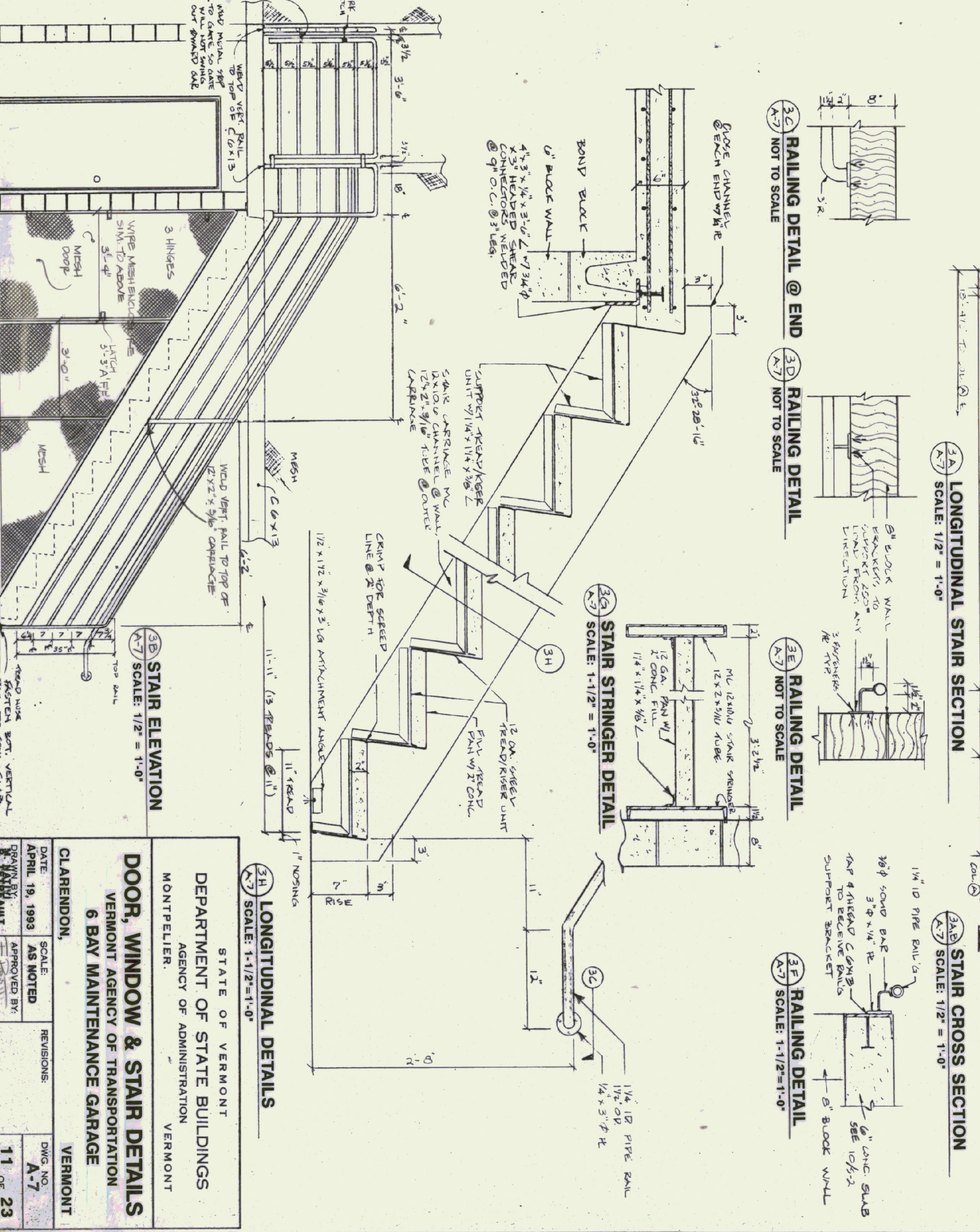
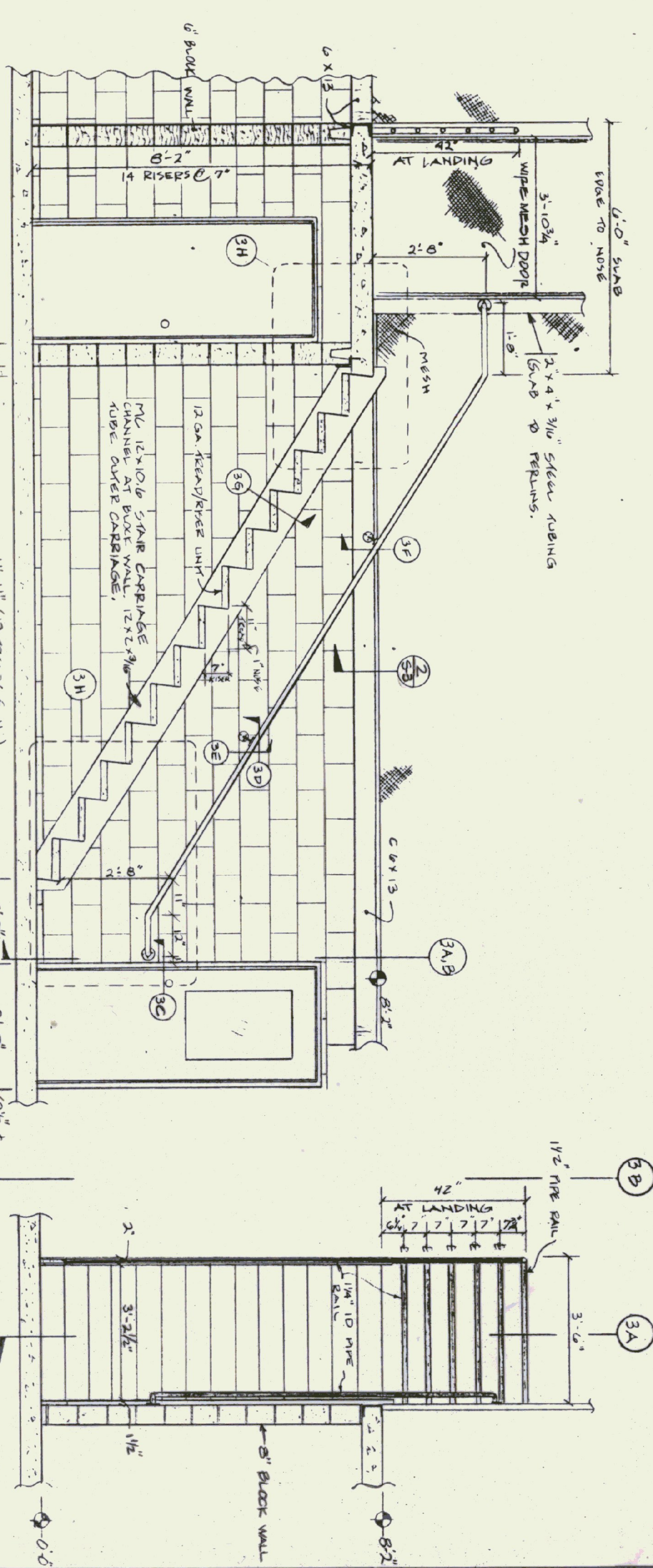
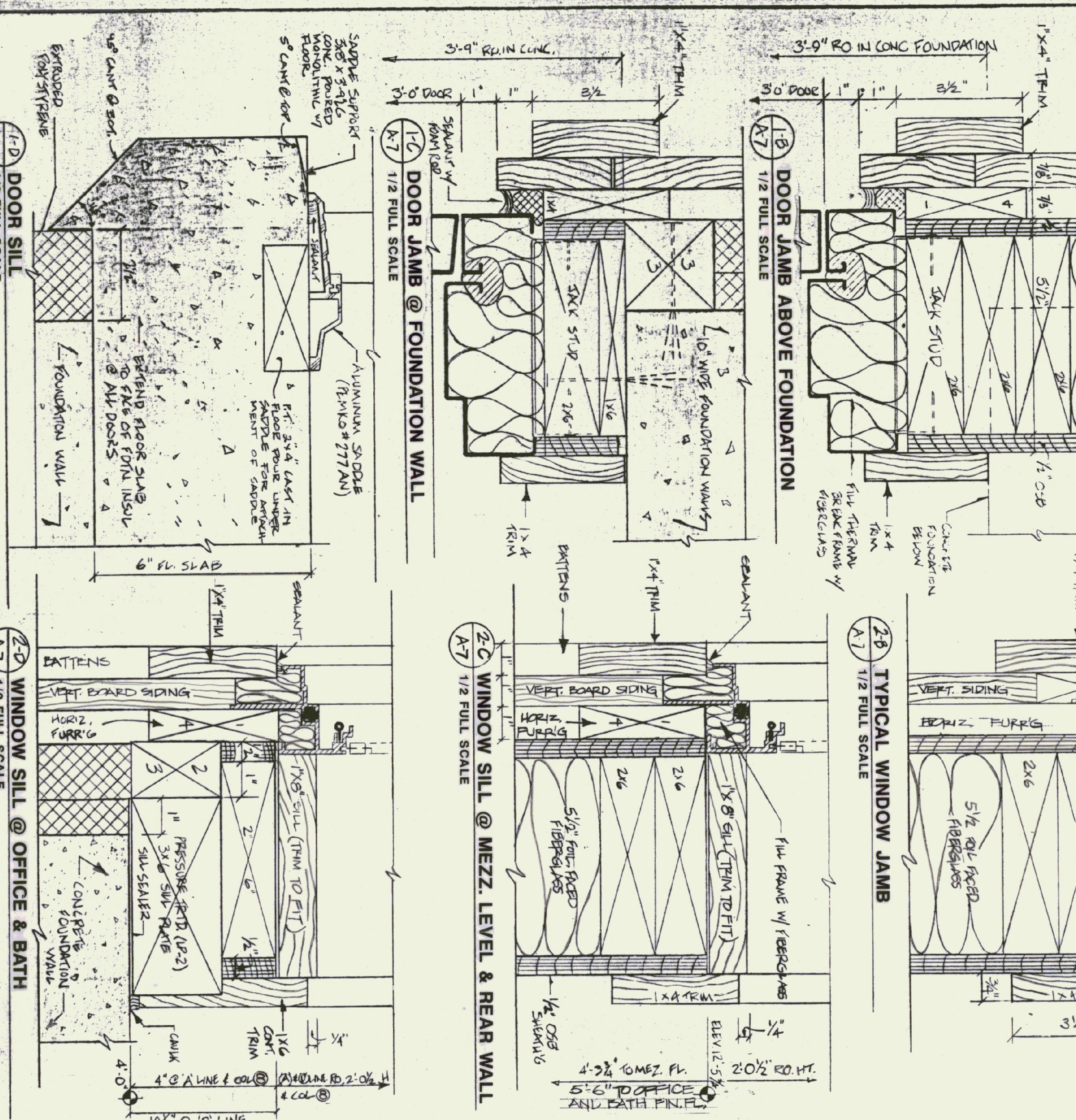
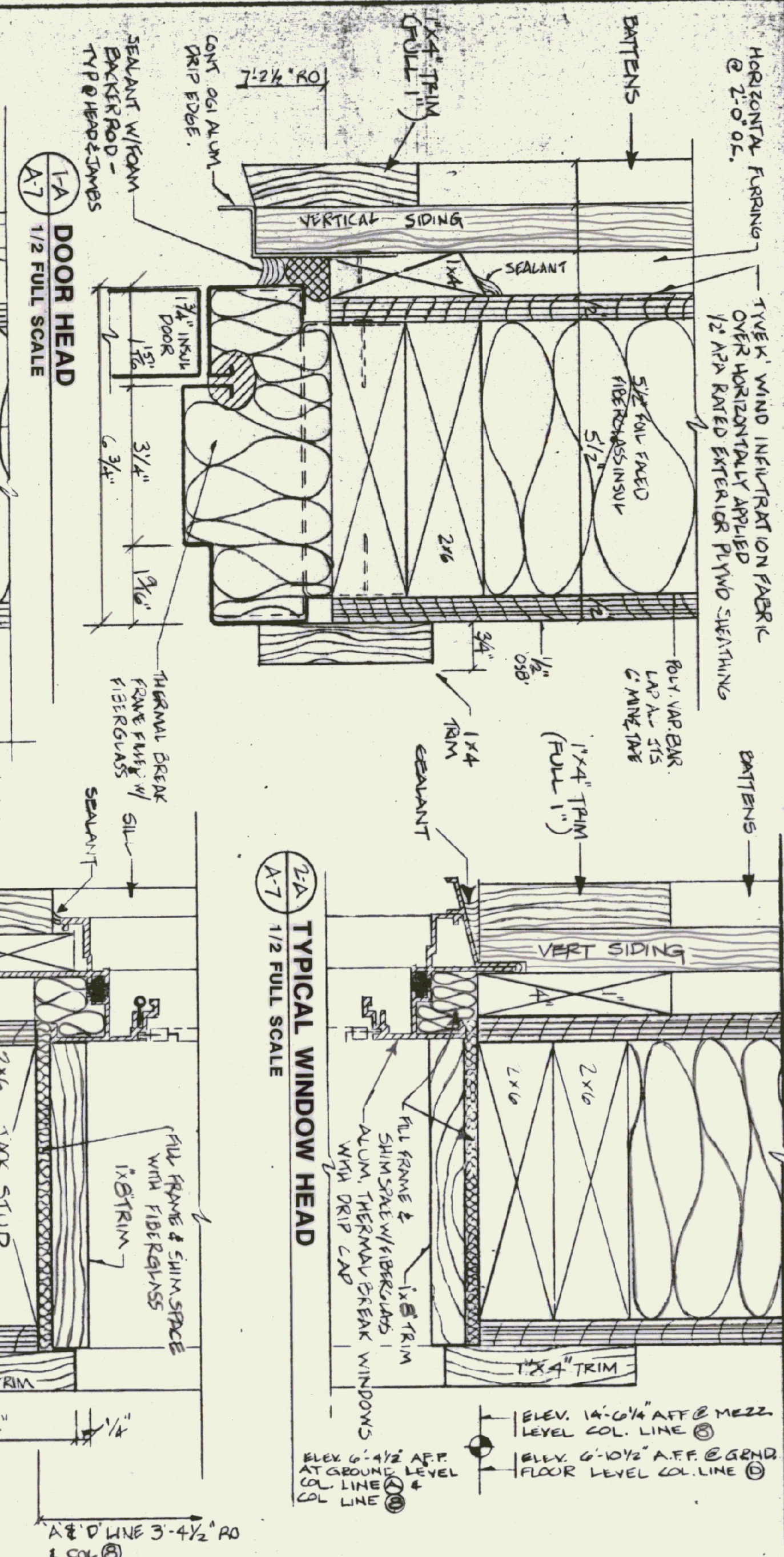
- 1 BONDING AGENT
- 2 BRICK CHIMNEY W/ FIBERGLASS REINFORCED CEMENT PLASTER (CONC. SIDES INCLUDED)
- 3 SEAL W/ DENSE MASONRY SEALER
- 4 4\"/>

1 END WALL SECTION @ MEZZANINE
SCALE: 1-1/2" = 1'-0"

2 WALL SECTION @ COL. LINE "A" MEZZANINE
SCALE: 1-1/2" = 1'-0"

3 CHIMNEY SECTION/ELEVATION
SCALE: 1-1/2" = 1'-0"

STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS AGENCY OF ADMINISTRATION MONTPELIER, VERMONT		WALL SECTIONS & CHIMNEY DETAILS VERMONT AGENCY OF TRANSPORTATION 6 BAY MAINTENANCE GARAGE VERMONT	
CLARENDON,	DATE: APRIL 19, 1993	SCALE: 1-1/2" = 1'-0"	DWG. NO. A-6
	DRAWN BY: F. KENNY	APPROVED BY: F. KENNY	REVISIONS: 10 OF 23

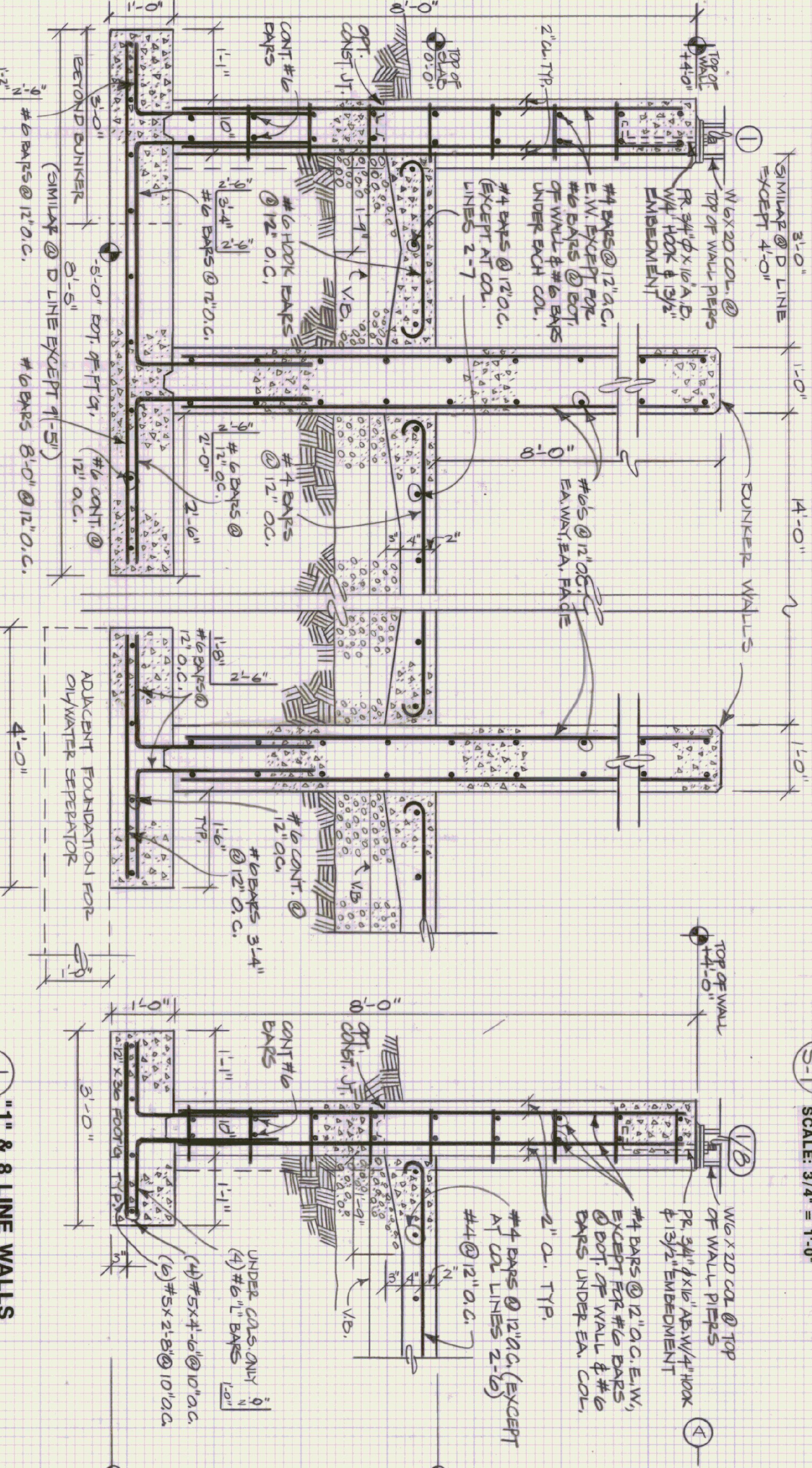
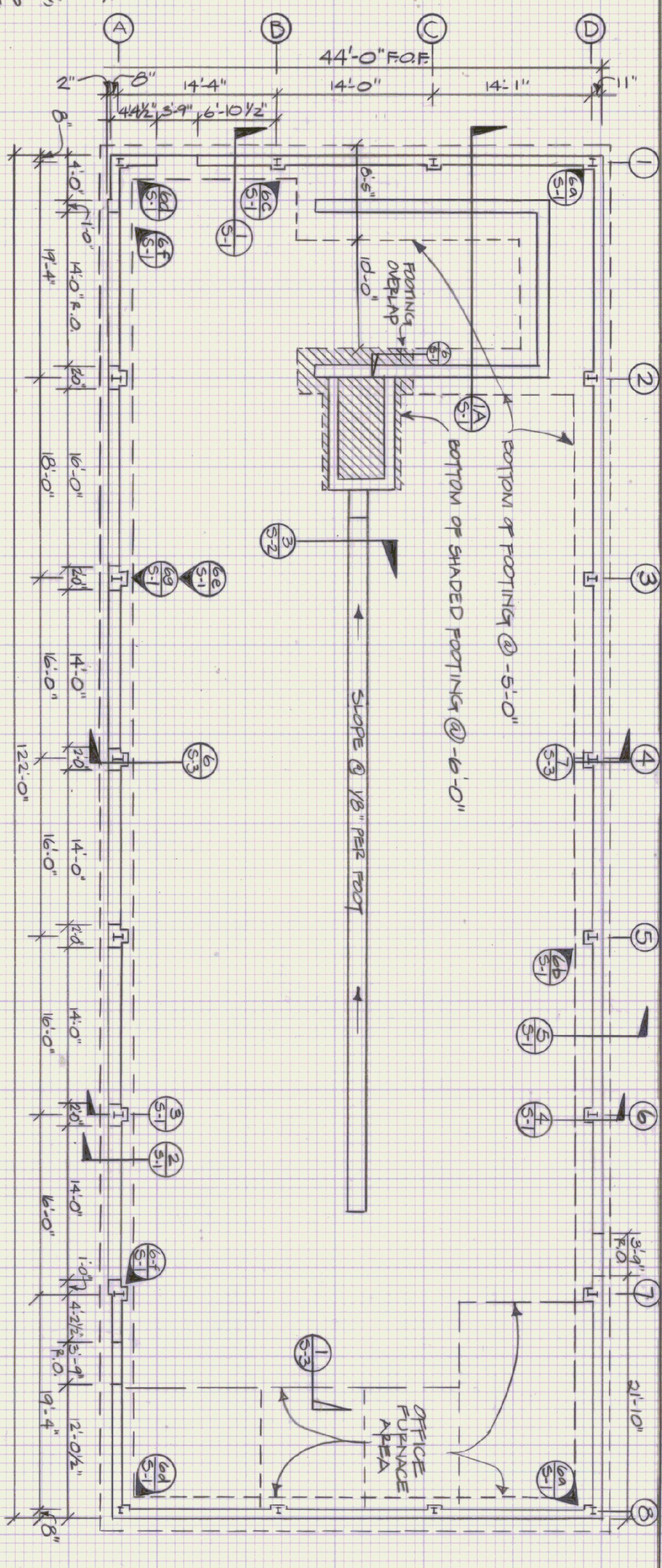
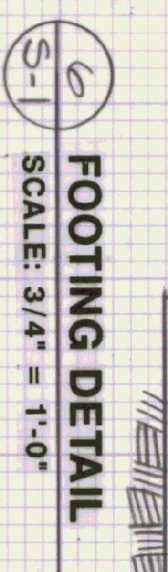
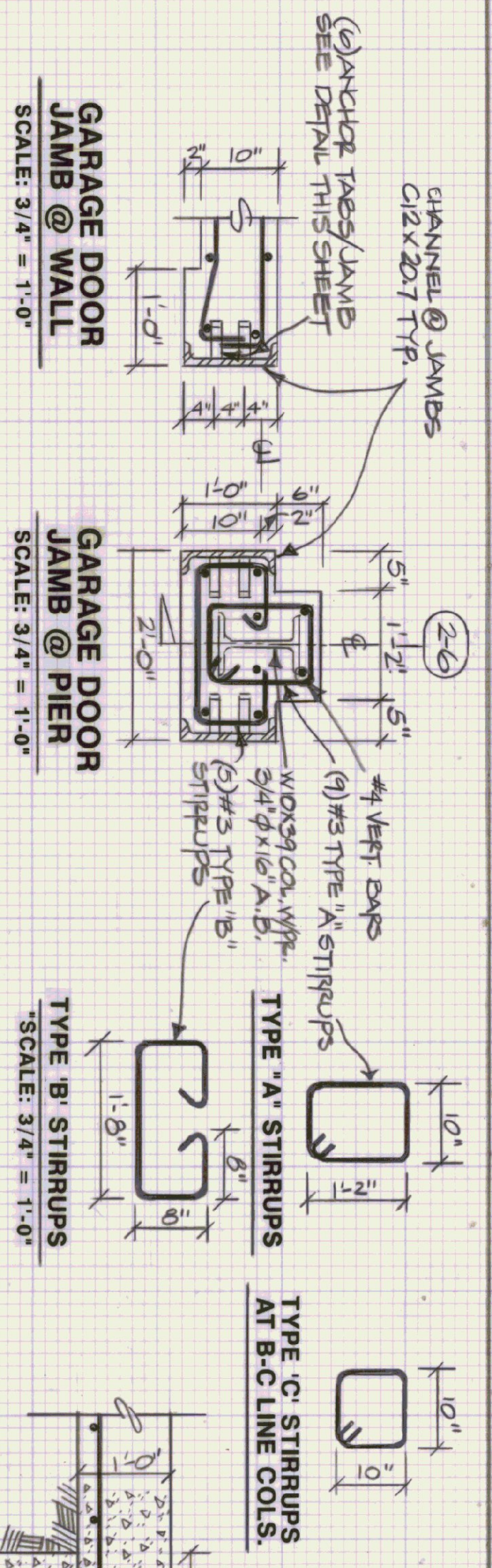


STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
 AGENCY OF ADMINISTRATION
 VERMONT

DOOR, WINDOW & STAIR DETAILS
 VERMONT AGENCY OF TRANSPORTATION
 6 BAY MAINTENANCE GARAGE
 VERMONT

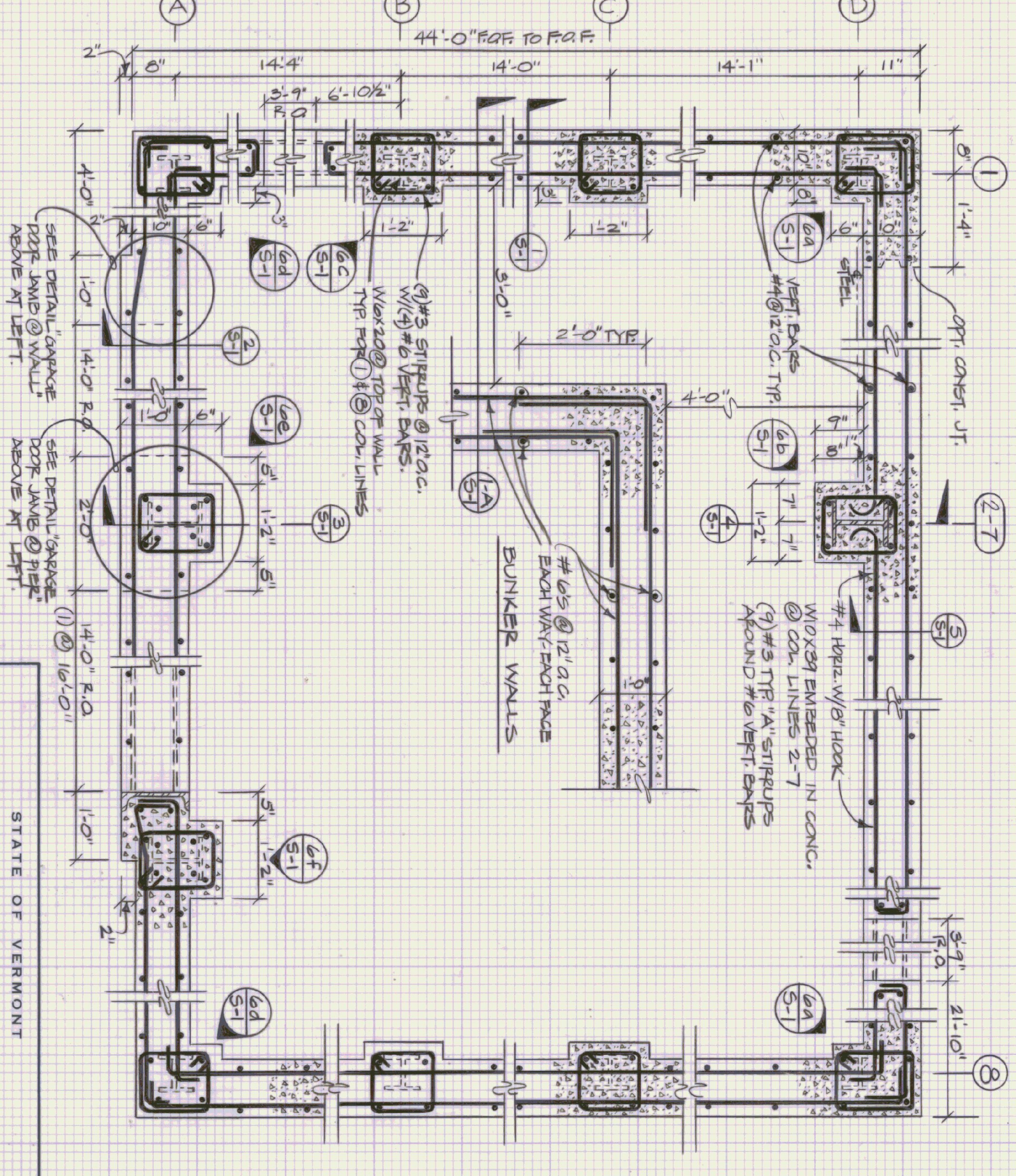
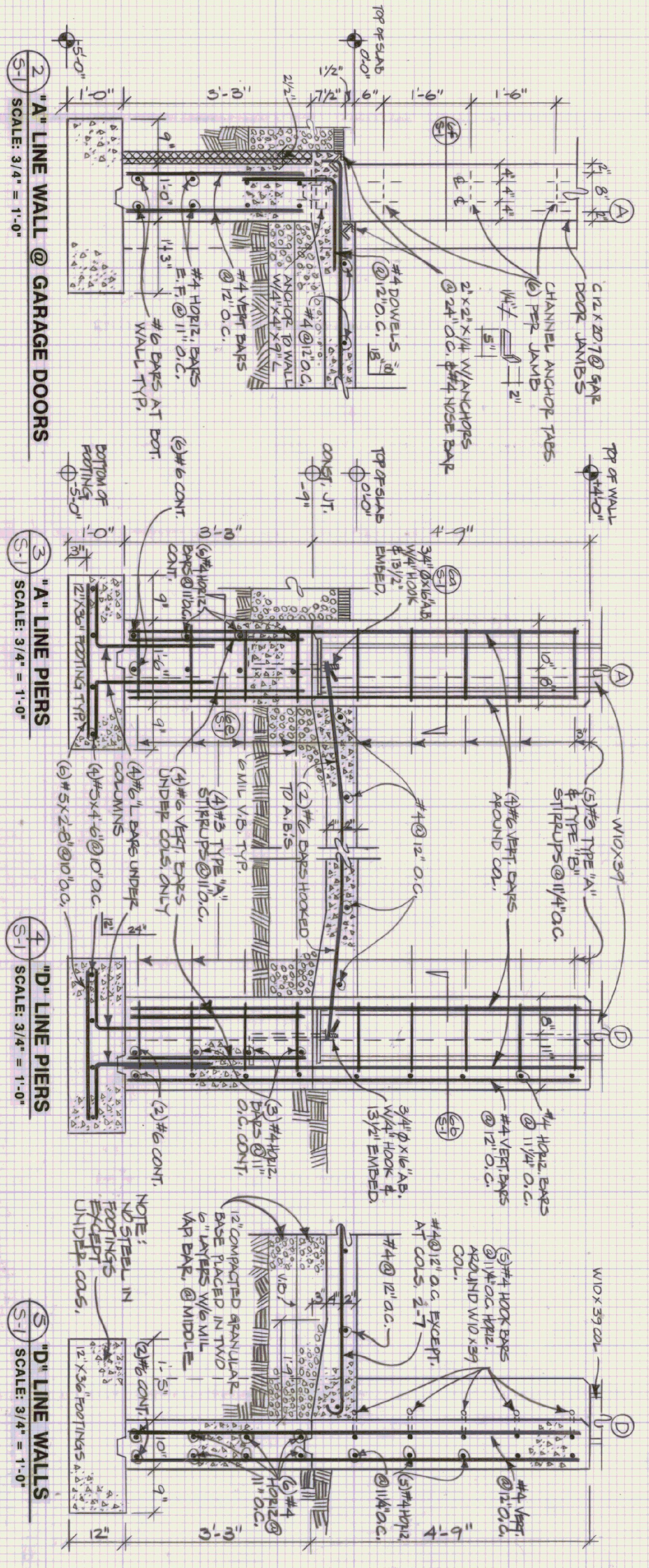
CLARENDON,
 DATE: APRIL 19, 1993
 SCALE: AS NOTED
 DRAWN BY: [Signature]
 APPROVED BY: [Signature]

REVISIONS	DWG. NO.
11	A-7
23	

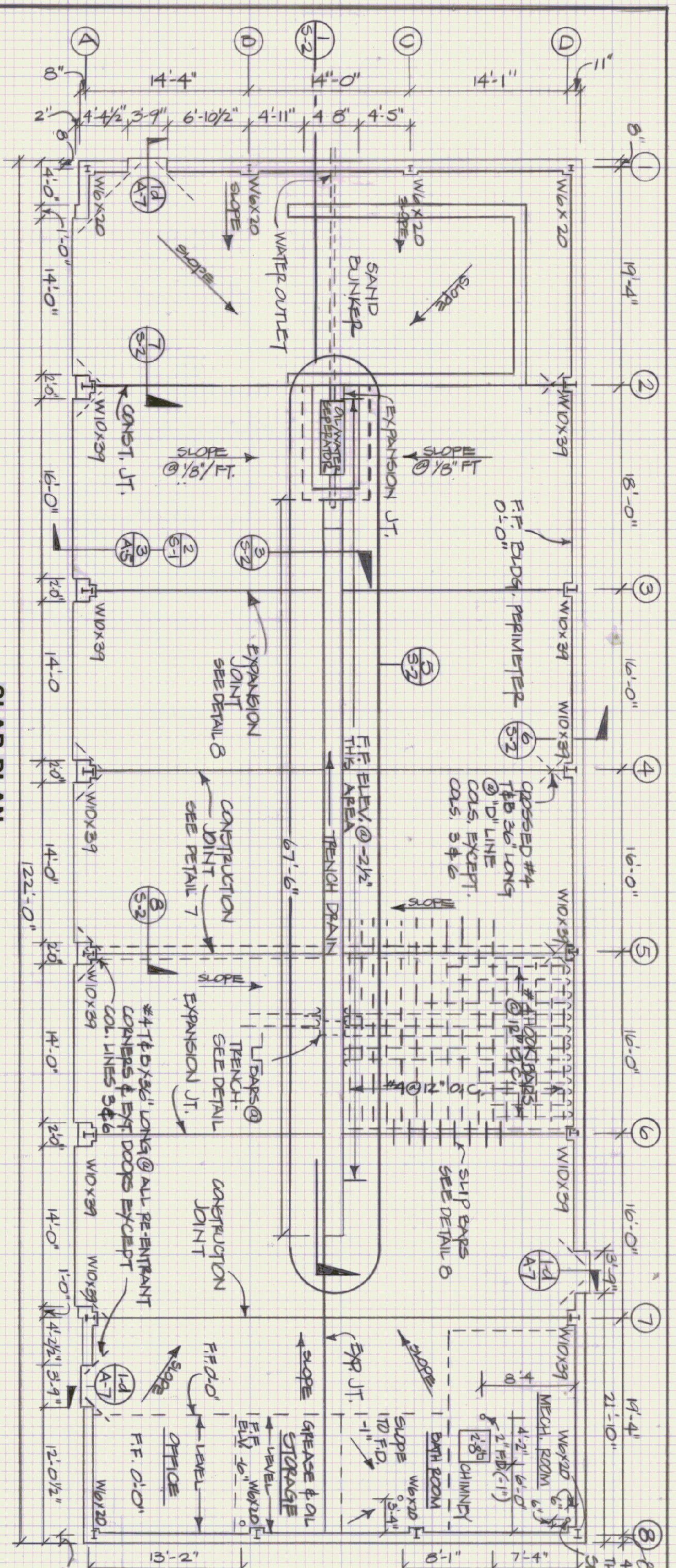


1'-1" LINE & BUNKER WALLS
SCALE: 3/4" = 1'-0"

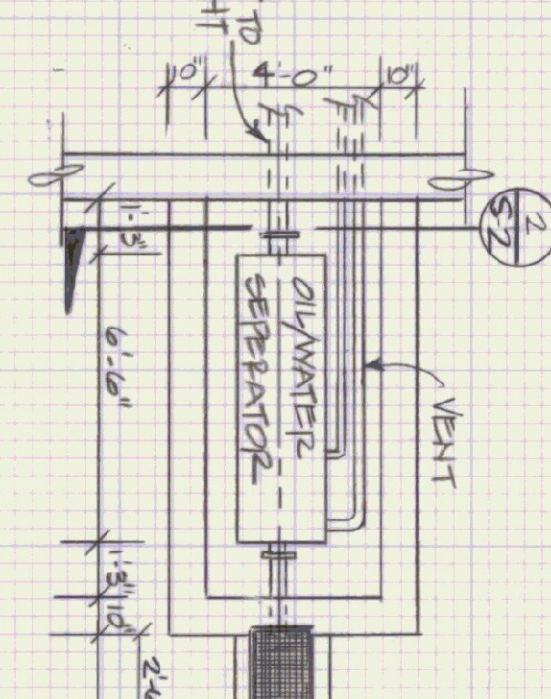
1'-1" & 8' LINE WALLS
SCALE: 3/4" = 1'-0"



STATE OF VERMONT		VERMONT	
DEPARTMENT OF STATE BUILDINGS		AGENCY OF ADMINISTRATION	
MONTPELIER, VERMONT			
FOUNDATION PLANS & SECTIONS			
VERMONT AGENCY OF TRANSPORTATION			
6 BAY MAINTENANCE GARAGE			
CLARENDON, VERMONT			
DATE	SCALE	REVISIONS	WG. NO.
APRIL 19, 1993	AS NOTED		S-1
DRAWN BY:	APPROVED BY:		
A. POULIN	[Signature]		
			12 OF 23

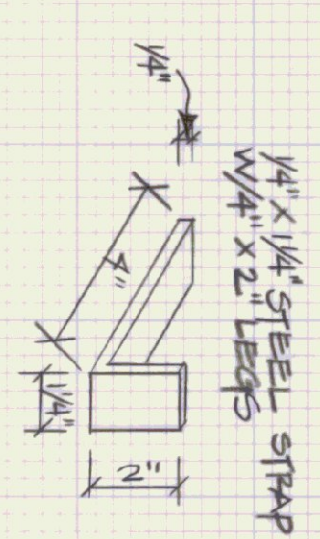


SLAB PLAN
SCALE: 1/8" = 1'-0"

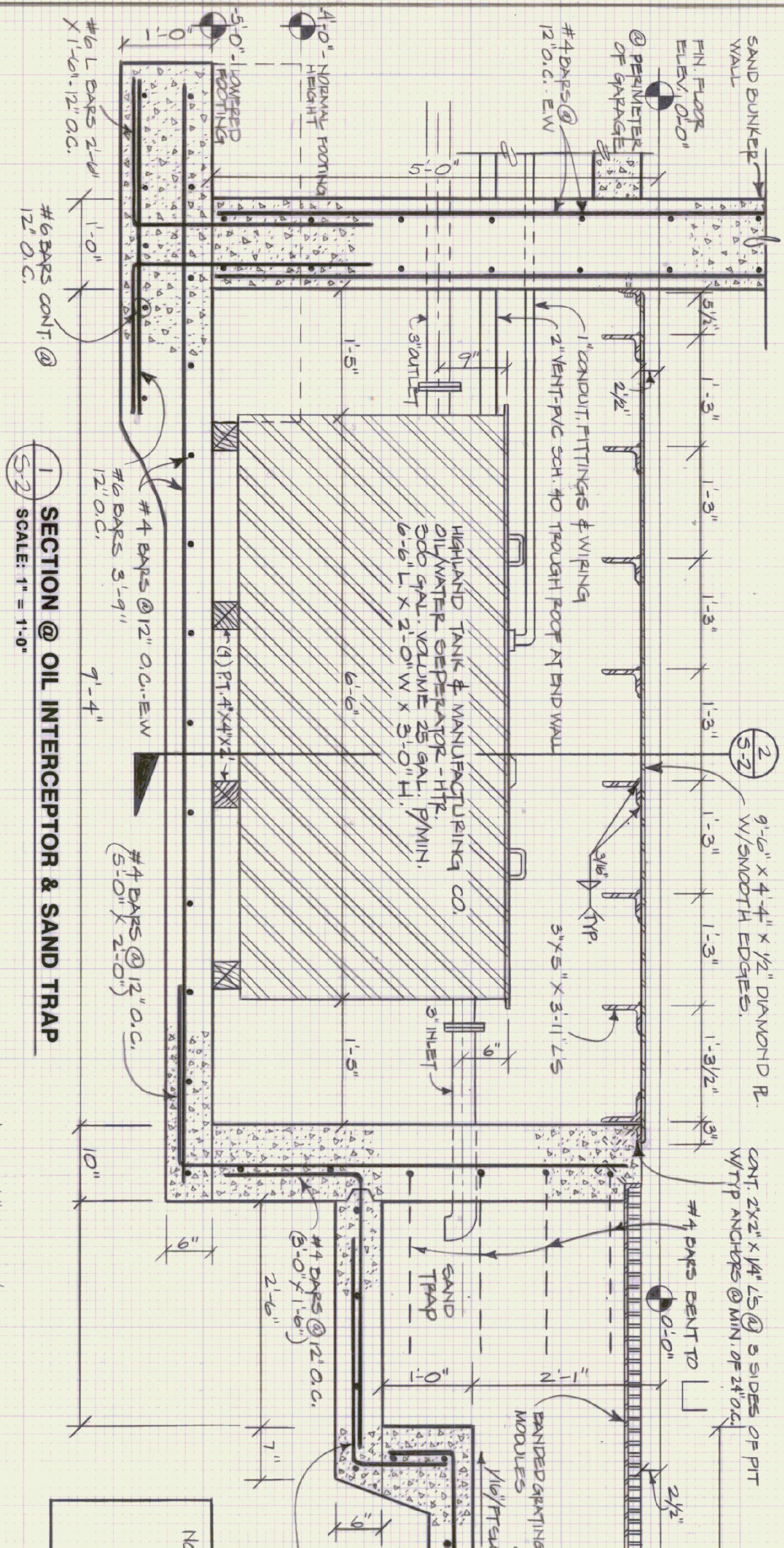
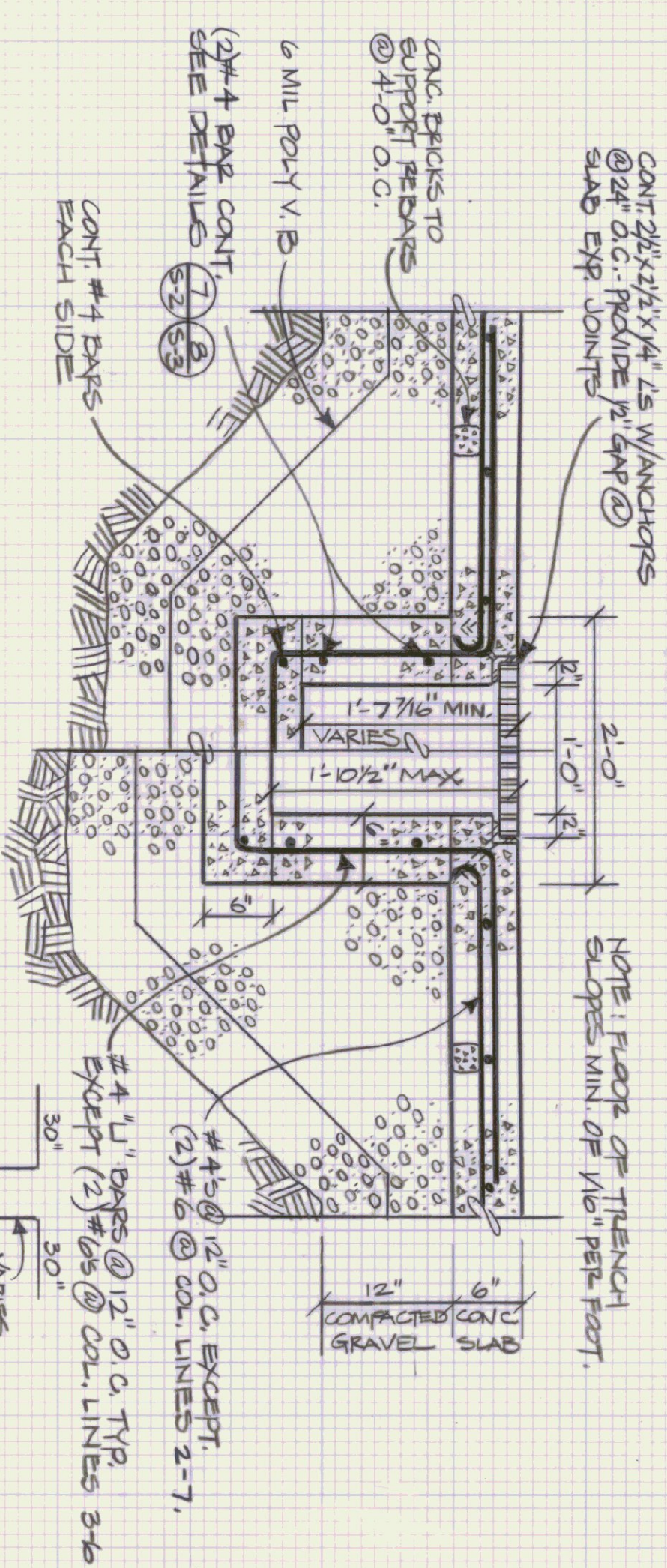


5 DETAIL PLAN OF DRAINAGE TRENCH & PIT
SCALE: 1" = 1'-0"

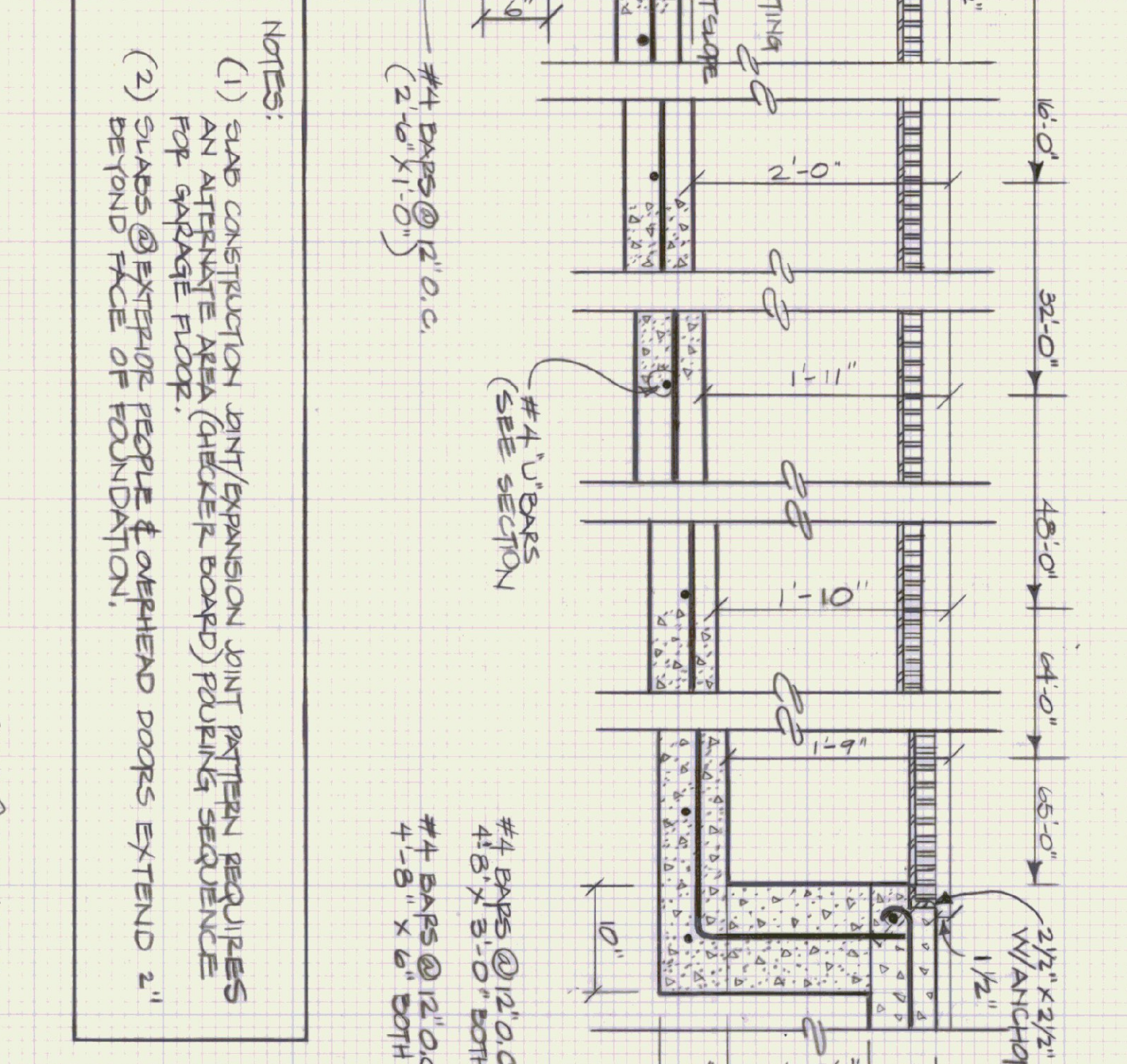
4 TYP. ANCHOR FOR L IRON NOSINGS
SCALE: NOT TO SCALE



3 SECTION @ DRAINAGE TRENCH
SCALE: 1" = 1'-0"

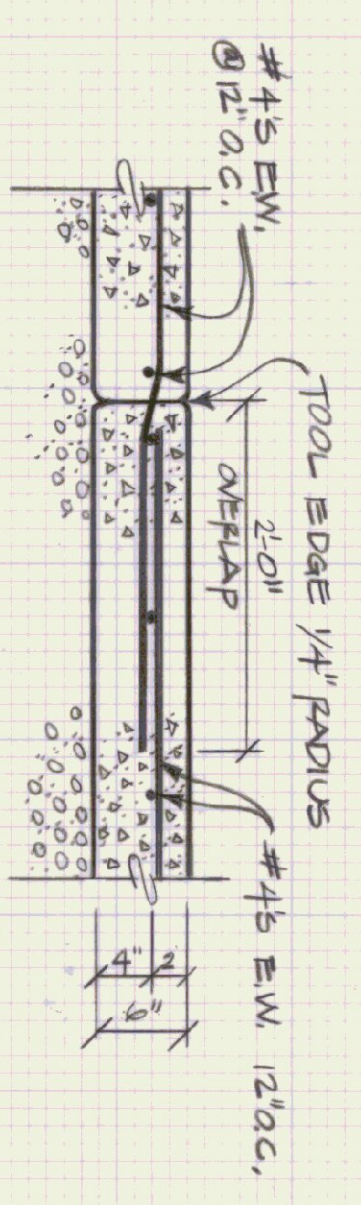


1 SECTION @ OIL INTERCEPTOR & SAND TRAP
SCALE: 1" = 1'-0"

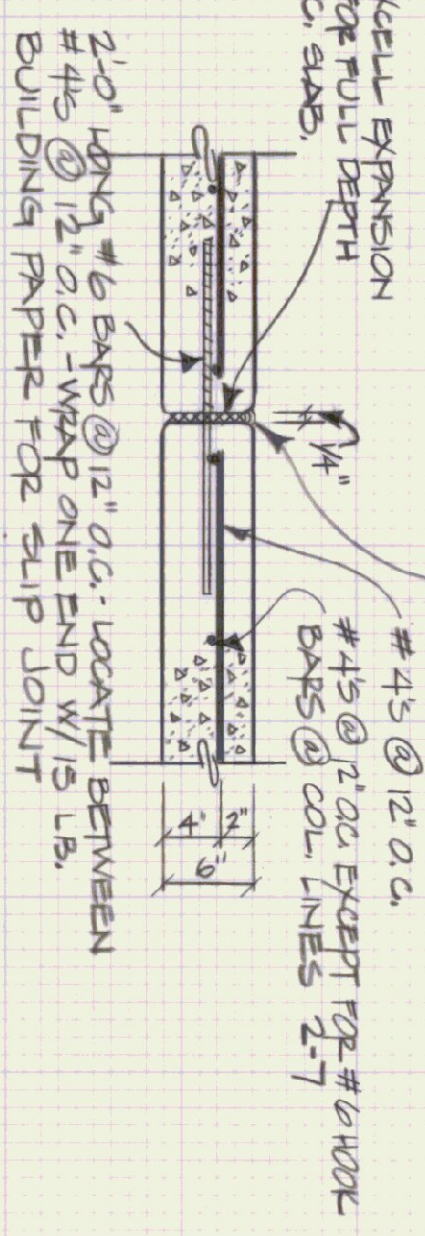


2 OIL INTERCEPTOR PIT CROSS SECTION
SCALE: 1" = 1'-0"

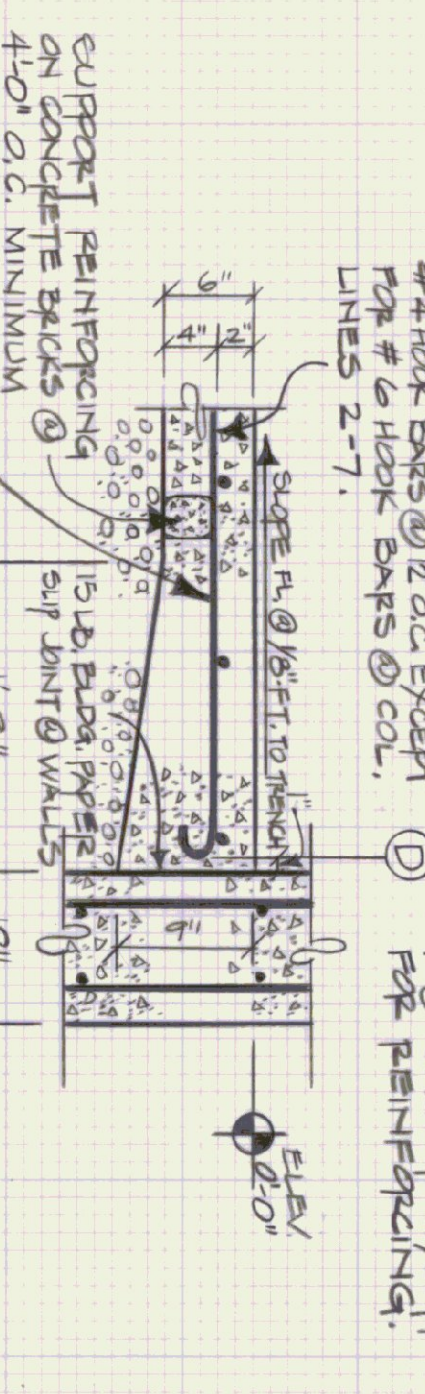
NOTES:
(1) SLAB CONSTRUCTION JOINT/EXPANSION JOINT PATTERN REQUIRES AN ALTERNATE AREA (CHECKER BOARD) PULING SEQUENCE FOR GARAGE FLOOR.
(2) SLABS @ EXTENSION PEOPLE & OVERHEAD DOORS EXTEND 2" BEYOND FACE OF FOUNDATION.



7 SLAB CONSTRUCTION JOINT DETAIL
SCALE: 1" = 1'-0"

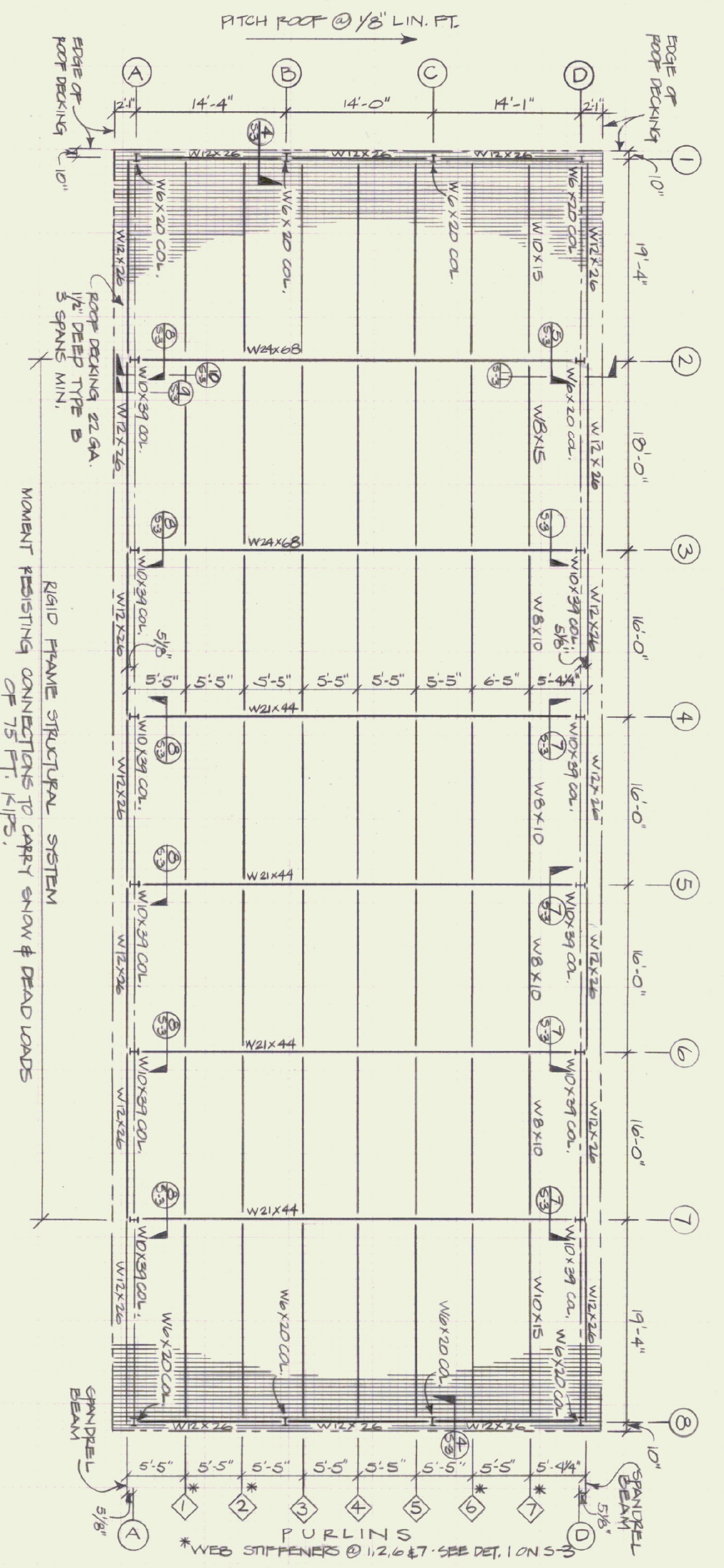


8 EXPANSION JOINT DETAIL @ SLAB
SCALE: 1" = 1'-0"

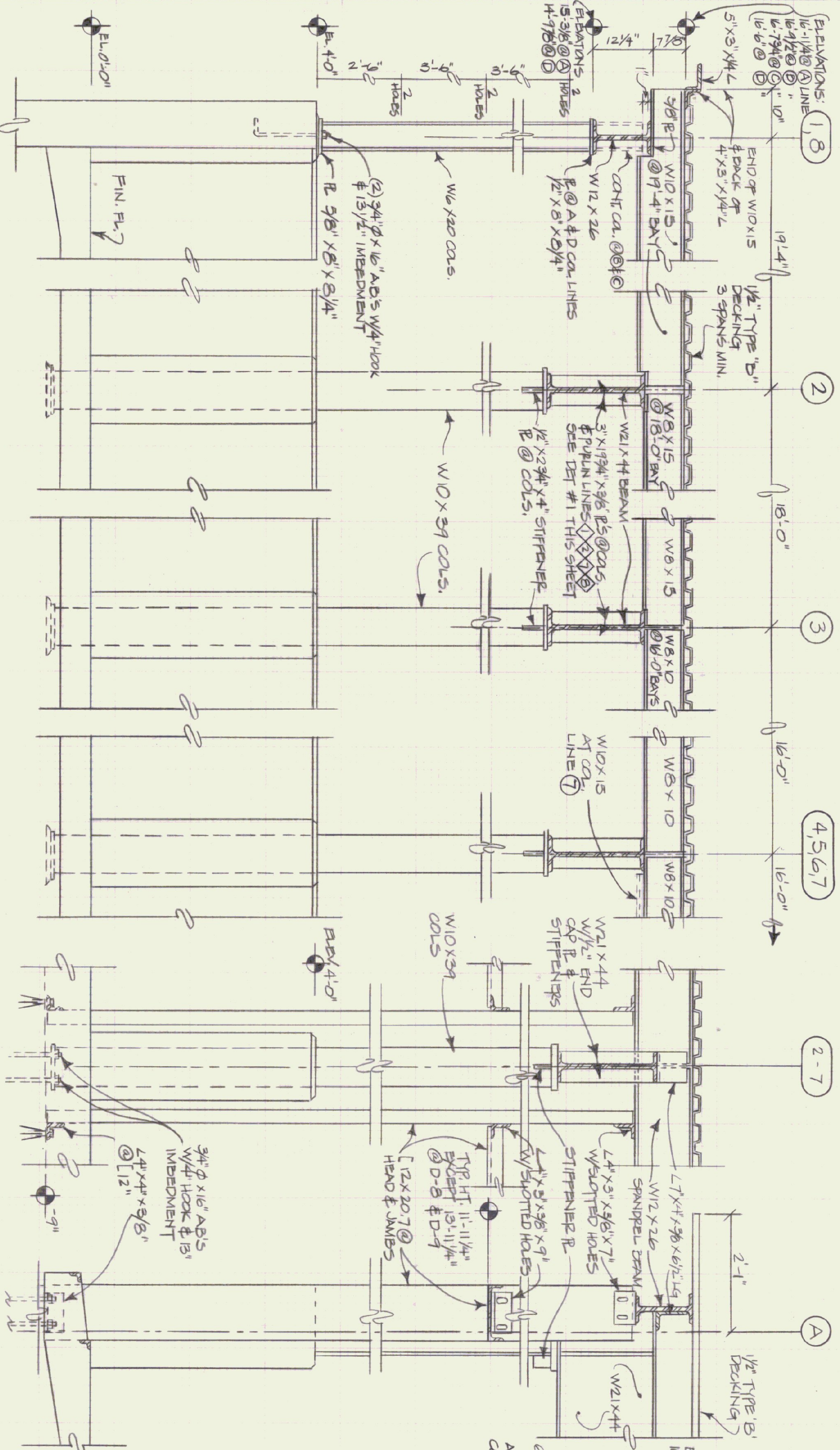


6 SLAB @ PERIMETER WALLS
SCALE: 1" = 1'-0"

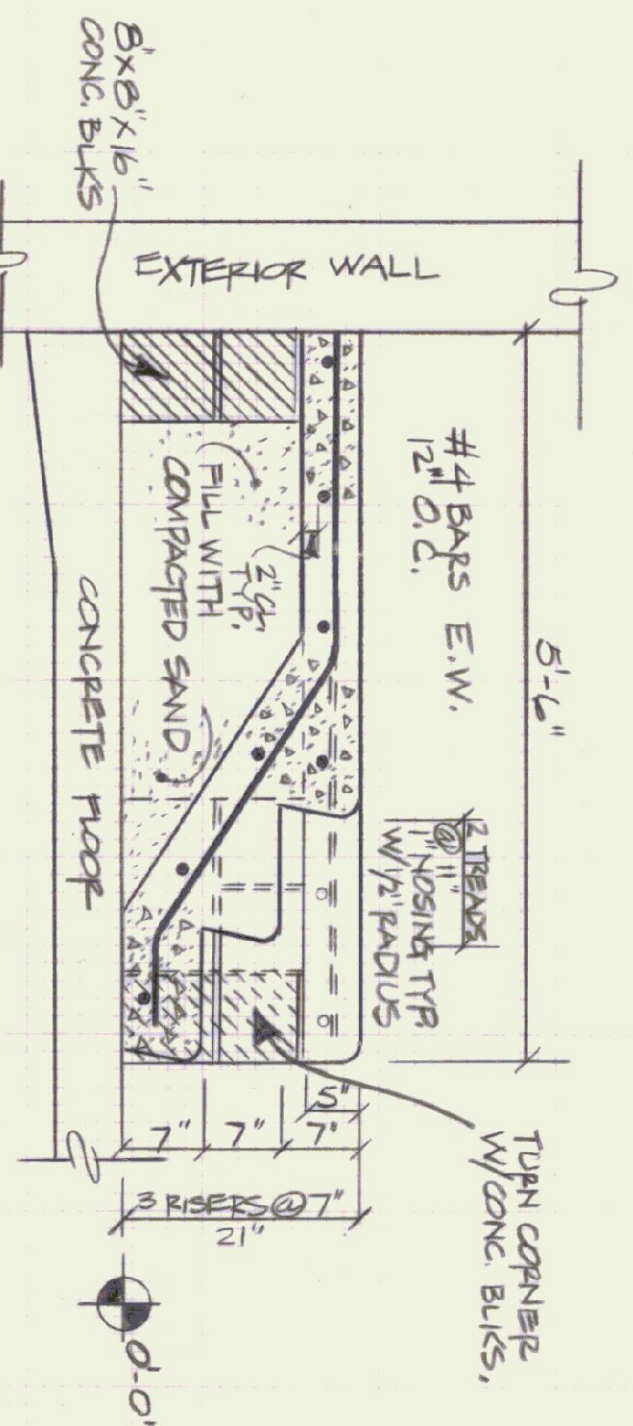
STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS AGENCY OF ADMINISTRATION MONTPELIER, VERMONT		VERMONT	
SLAB PLAN & TRENCH DETAILS			
VERMONT AGENCY OF TRANSPORTATION 6 BAY MAINTENANCE GARAGE			
DATE APRIL 19, 1993	SCALE AS NOTED	REVISIONS	DWG. NO. S-2
DRAWN BY A. POULIN	APPROVED BY F. BENT		13 OF 23



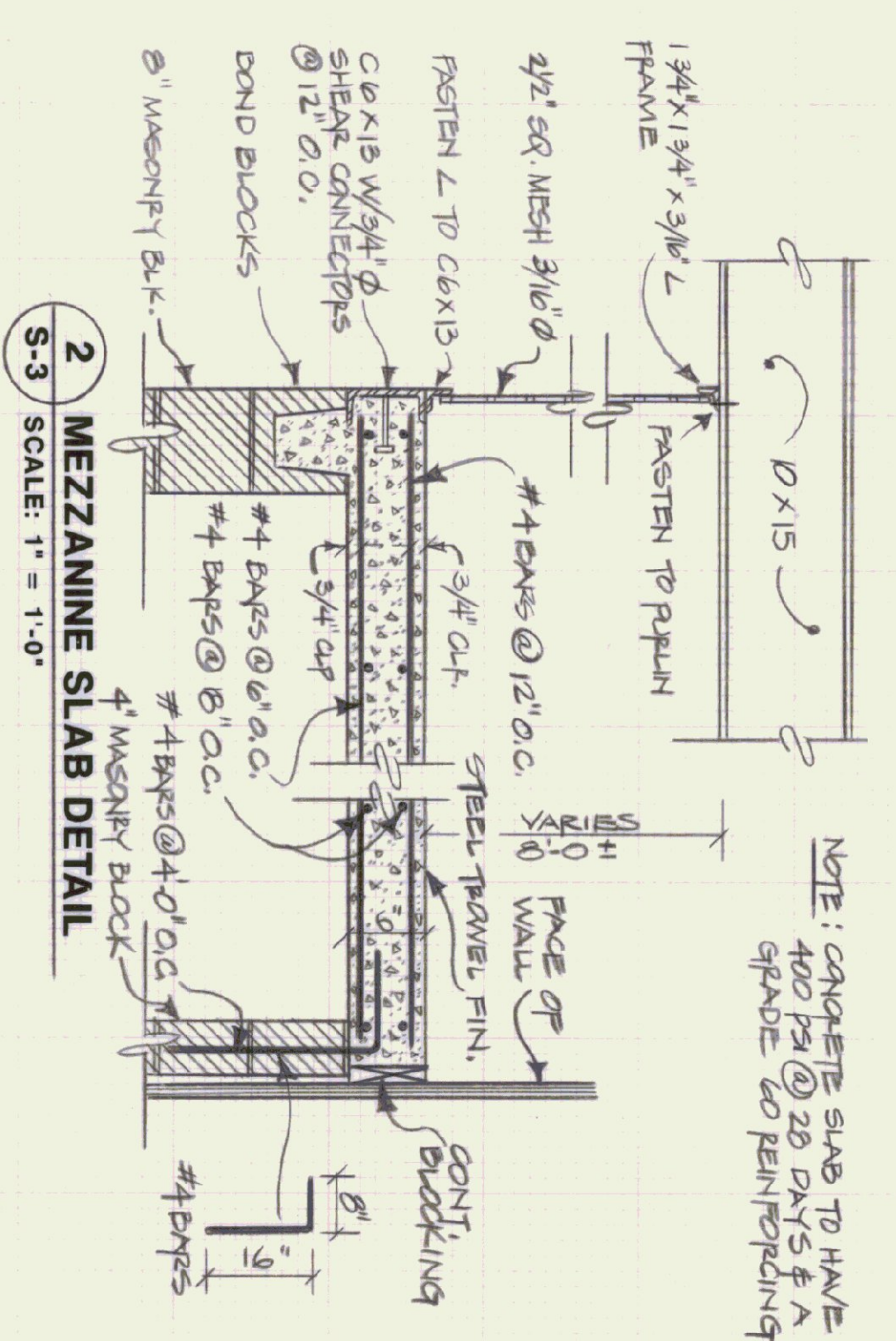
ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



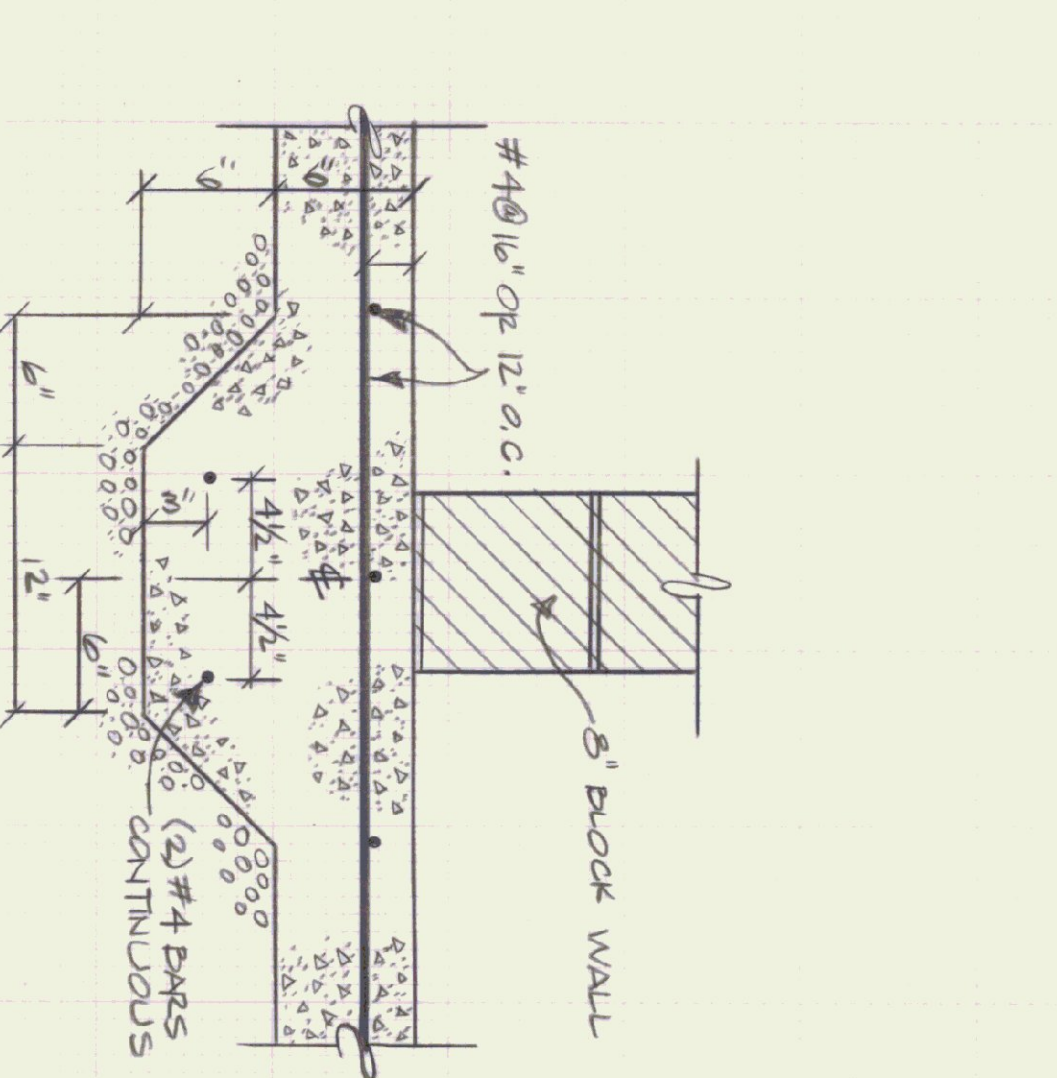
4 SECTION SCALE: 3/4" = 1'-0"
5 SECTION SCALE: 3/4" = 1'-0"
6 SECTION SCALE: 3/4" = 1'-0"
7 SECTION SCALE: 3/4" = 1'-0"
8 SECTION SCALE: 3/4" = 1'-0"
9 SECTION SCALE: 3/4" = 1'-0"
10 SECTION @ COL. LINE 'A' 2-7 SCALE: 3/4" = 1'-0"



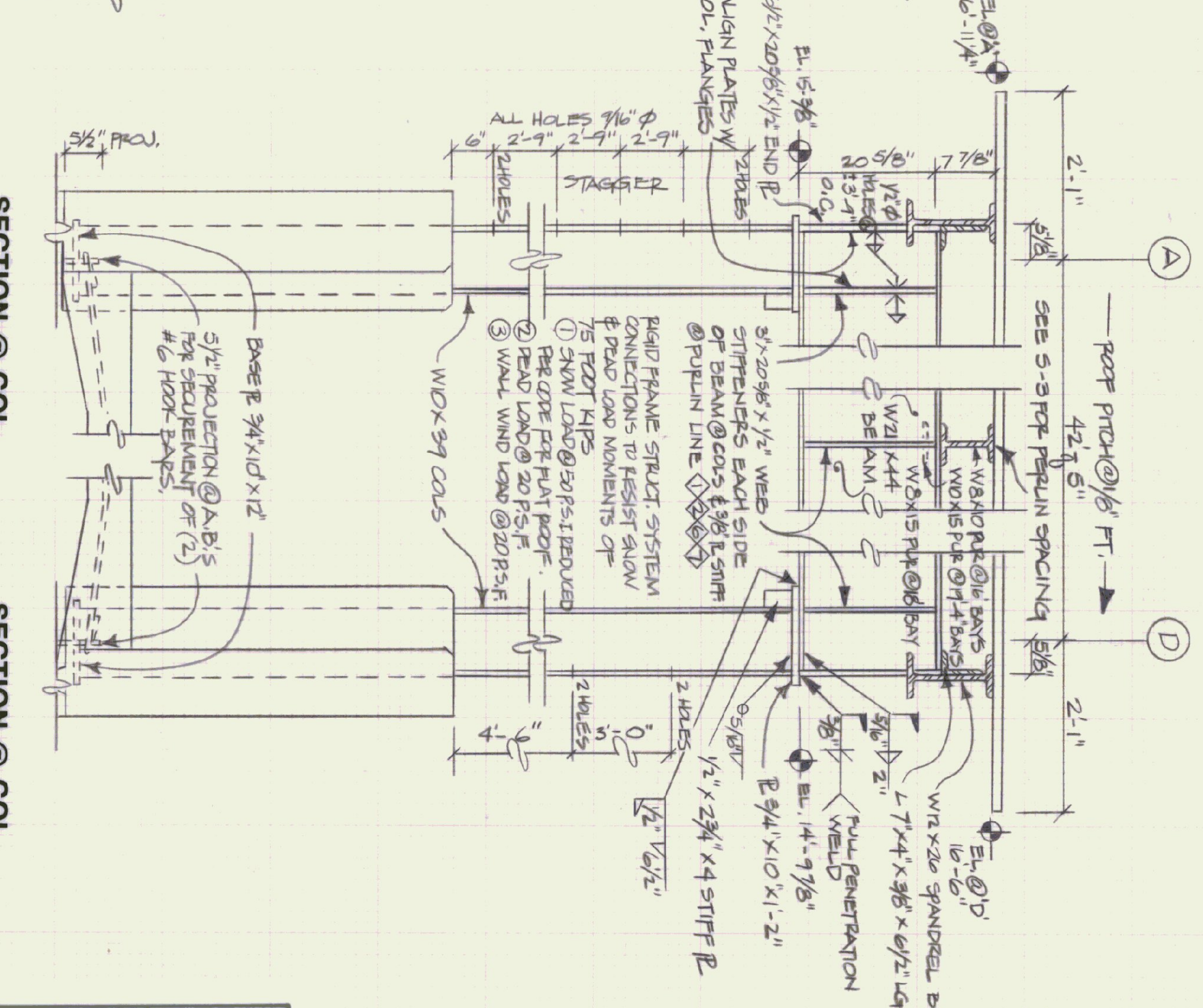
1 MECH. ROOM STAIR SECTION
SCALE: 3/4" = 1'-0"



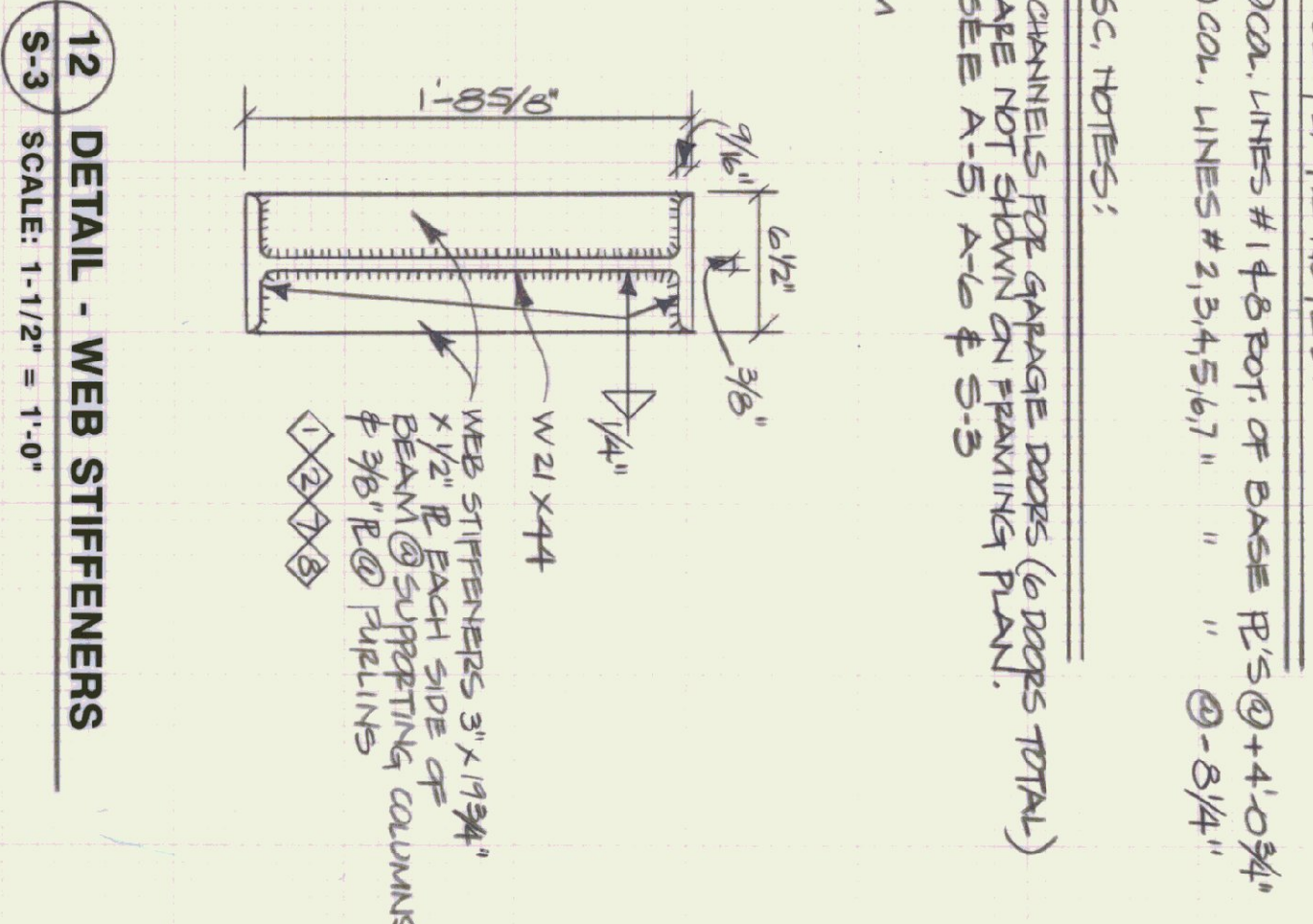
2 MEZZANINE SLAB DETAIL
SCALE: 1" = 1'-0"



3 SLAB FOOTING AT BLOCK WALL DETAIL
SCALE: 1-1/2" = 1'-0"



11 SECTION @ COL. LINE 'D' 2-7 SCALE: 3/4" = 1'-0"

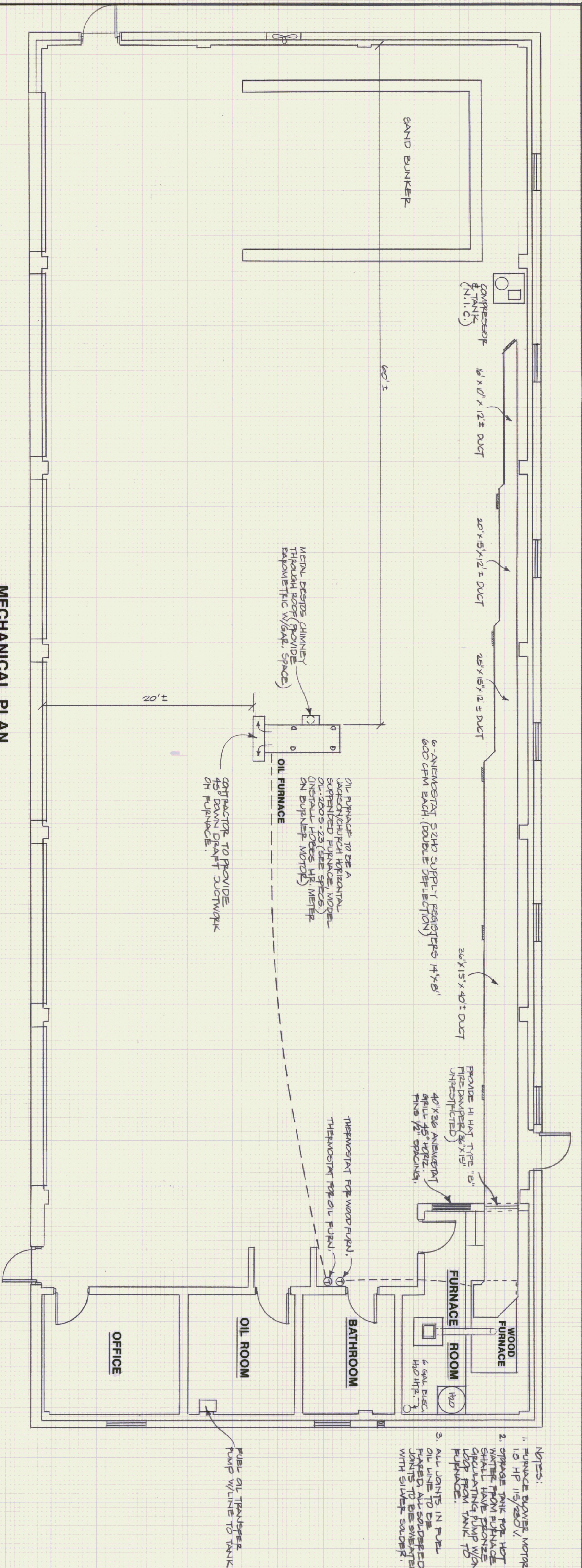


12 DETAIL - WEB STIFFENERS
SCALE: 1-1/2" = 1'-0"

LOADING NOTES:
(1) SNOW LOAD = 20#PSF REDUCED/COOL FOR FLAT ROOF
(2) DEAD LOAD = 20#PSF FOR ROOF
(3) WIND LOAD = 20#PSF @ WALLS
(4) MEZZANINE = 100#PSF FLOOR

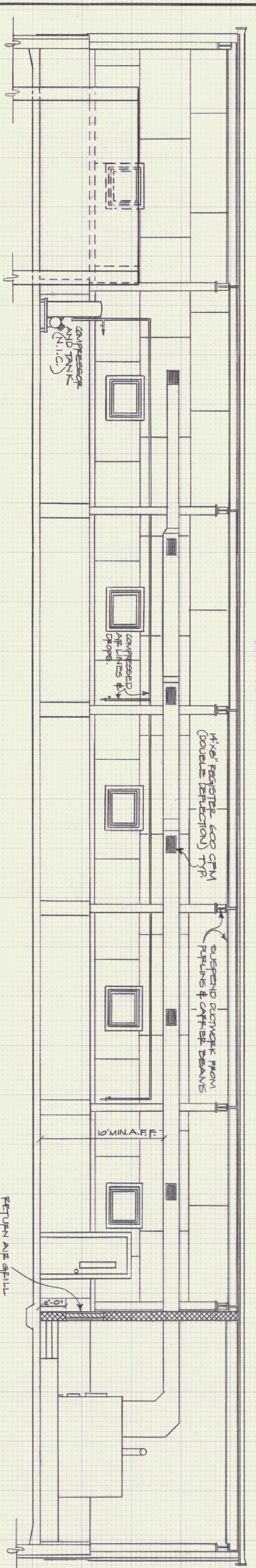
BASE PLATE NOTES:
@ COL. LINES #1 & 8 BOT. OF BASE PL. @ +4'-0 3/4"
@ COL. LINES #2, 3, 4, 5, 6, 7 " " @ -8 1/4"
MISC. NOTES:
CHANNELS FOR GARAGE DOORS (6 DOORS TOTAL) ARE NOT SHOWN ON FRAMING PLAN.
SEE A-5, A-6 & S-5

STATE OF VERMONT		DEPARTMENT OF STATE BUILDINGS	
MONTPELIER, VERMONT		AGENCY OF ADMINISTRATION	
STRUCTURAL STEEL FRAMING @ ROOF & STEEL SECTIONS & CONCRETE DETAILS			
VERMONT AGENCY OF TRANSPORTATION			
6 BAY MAINTENANCE GARAGE			
CLARENDON, VERMONT			
DATE: APRIL 19, 1993	SCALE: AS NOTED	REVISIONS:	DWG. NO. S-3
DRAWN BY: A. POULIN	APPROVED BY: H. FRAY		14 OF 23



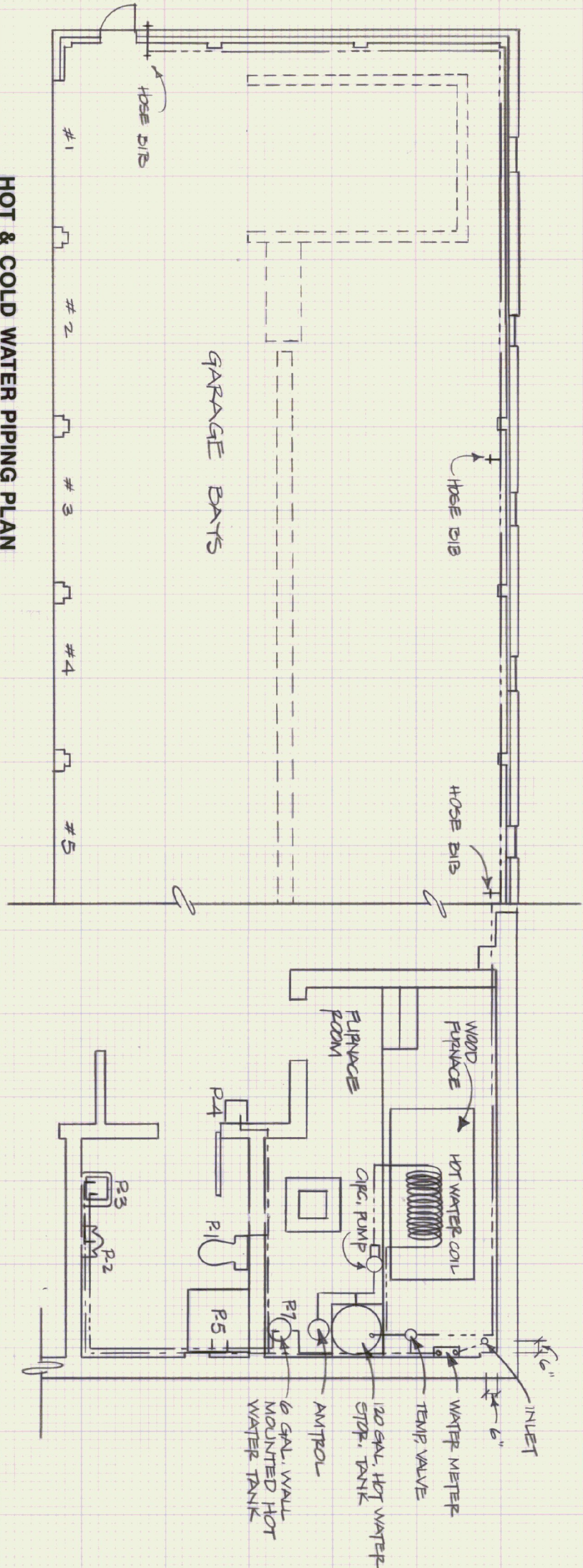
- NOTES:
1. FURNACE DRIVER MOTOR 1.5 HP 115/230V.
 2. STORAGE TANK FOR HOT WATER FROM FURNACE SHALL HAVE PRONGE CIRCULATING PUMP W/ONE LOOP FROM TANK TO FURNACE.
 3. ALL JOINTS IN FUEL OIL LINE TO BE PLACED, ALL SOLDERED JOINTS TO BE SWEATED WITH SILVER SOLDER.

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



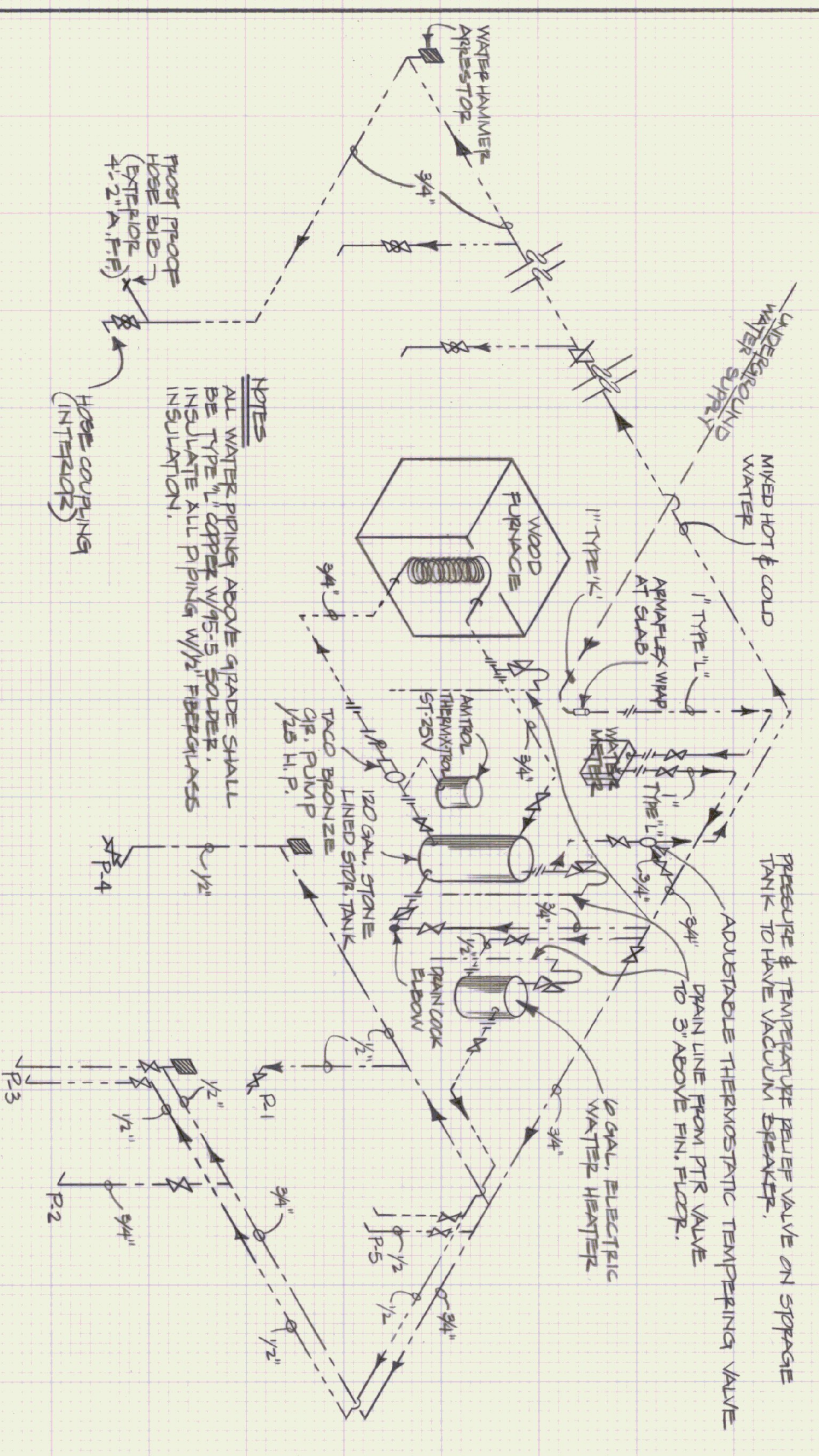
FURNACE & DUCTWORK ELEVATION
SCALE: 1/4" = 1'-0"

STATE OF VERMONT		DEPARTMENT OF STATE BUILDINGS	
MONTPELIER, VERMONT		AGENCY OF ADMINISTRATION	
HEATING PLAN			
VERMONT AGENCY OF TRANSPORTATION 6 BAY MAINTENANCE GARAGE CLARENDON, VERMONT			
DATE: APRIL 19, 1993	SCALE: 3/4" = 1'-0"	REVISIONS:	DWG. NO. H-1
DRAWN BY: A. POULIN	APPROVED BY: [Signature]		15 OF 23

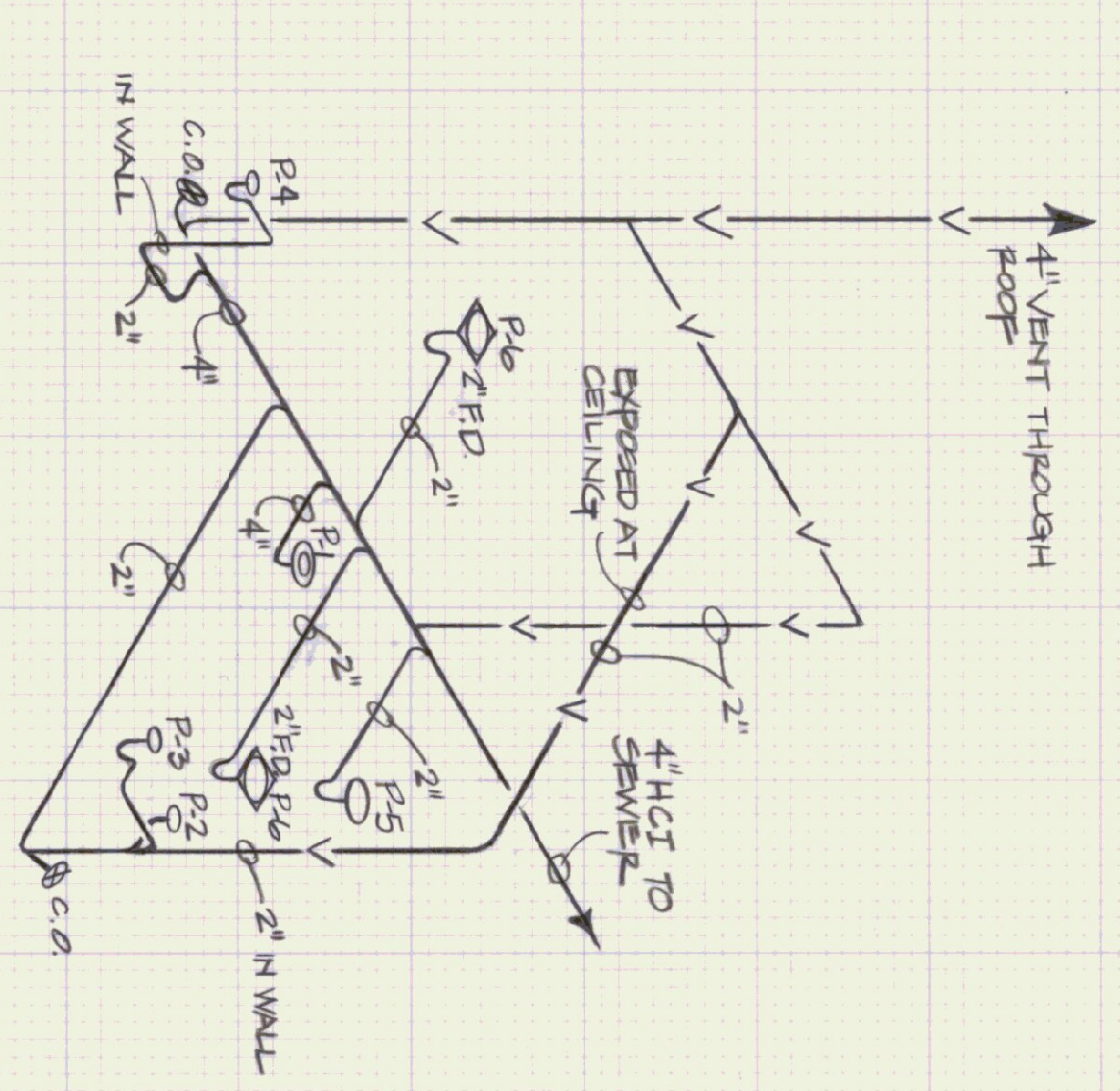


HOT & COLD WATER PIPING PLAN
SCALE: 1/8" = 1'-0" AND 1/4" = 1'-0"

PLUMBING SYMBOLS FOR PIPING, VALVES & FITTINGS	
	COLD WATER PIPE
	HOT WATER PIPE
	P-T TRAP
	FLOOR DRAIN W/P TRAP
	TOILET FLANGE
	FLOOR CLEANOUT
	UNION
	HOSE BIB
	WATER HAMMER ARRESTOR
	PRESSURE & TEMP RELIEF VALVE
	CHECK VALVE
	GATE OR BALL VALVE
	DRAINAGE VALVE
	BACKFLOW PREVENTER
	PRESSURE & TEMP RELIEF VALVE
	WATER HAMMER ARRESTOR



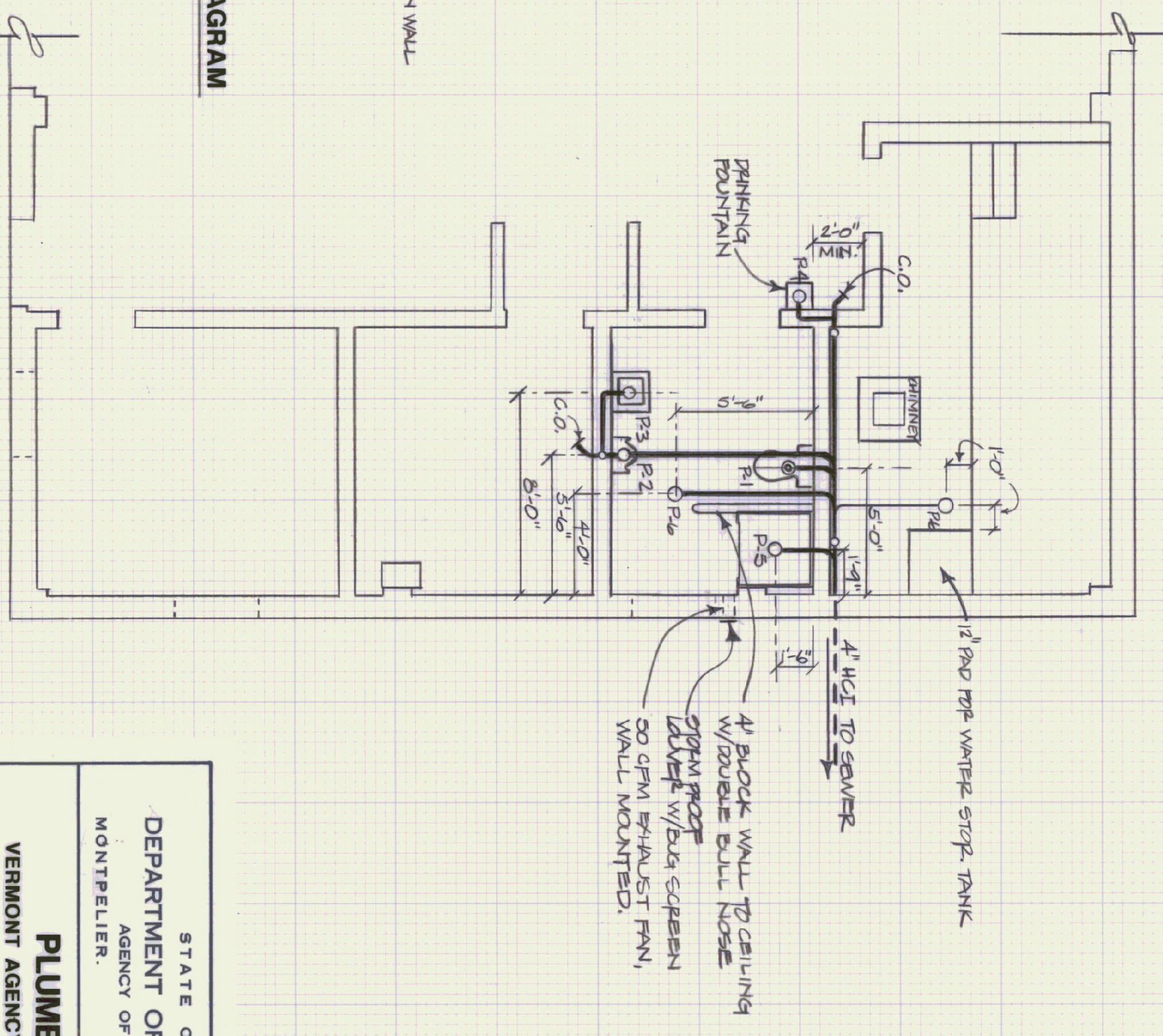
HOT & COLD WATER PIPING RISER DIAGRAM
NOT TO SCALE



SANITARY WASTE & VENT PIPE RISER DIAGRAM
NOT TO SCALE

APP	FIXTURE	DESCRIPTION	NOTES	DRAIN	VENT	COLD	HOT
P-1	TOILET	AMERICAN STANDARD "EAGLE" # 2005-500 WHITE VITREOUS CHINA, HANDICAP, FLOOR MOUNT, TANK TYPE ELONGATED, WATER SAVING, SIFON JET ACTION, COSE COUPLED WITH AQUAFLAND LINES, 16" HIGH, SEAT TO BE ELONGATED, OPEN FRONT WITH FOOT CAPS, PROVIDE SUPPLY STOP.		4"	2"	1/2"	-
P-2	URINAL	AMERICAN STANDARD "WASHBROOK" # 6501, 010, 3/4" TOP SPUD, WHITE VITREOUS CHINA, WALL HUNG, WASH OUT URINAL, WITH SWAN PAVIL 180 FLUSH VALVE & COMPATIBLE CARRIER.		2"	2"	3/4"	-
P-3	W/APPY	AMERICAN STANDARD "LUCERNE" # 0055-012, 20" X 18" WALL HUNG, WHITE VITREOUS CHINA, FRONT OPERATION, 41 CENTER PRUSET HOLES, & PROVIDED W/UNDELETED ARM CARRIER, FITTINGS SHALL BE CHROME SINGLE LEVER CONTROL W/P-TRAP & P-TRAP AMERICAN STANDARD "CERAMIX" MODEL 2000-101.		2"	2"	1/2"	1/2"
P-4	DRINKING FOUNTAIN	AMERICAN STANDARD # 8910-112 WHITE VITREOUS CHINA, SELF CLOSING VALVE. PROVIDE W/P-TRAP.		4"	4"	1/2"	-
P-5	SHOWER SPALL	FRIBGLASS, 36" X 36", DURASTRAL MODEL 144, WHITE, FITTINGS: CHROME SINGLE LEVER CONTROL, RESURFACE BALANCED WITH SPREADER STOP. AMERICAN STANDARD "CEPANMAX" MODEL #2000-501, PROVIDE A CHROME STRAINER AND P-TRAP.		2"	2"	1/2"	1/2"
P-6	FLOOR DRAINS	SCOTTED ROUND CENR. DRAIN SHALL DISCHARGE THROUGH A P-TRAP. OUTLET OF P-TRAP SHALL HAVE A TWO INCH CLEANOUT.		PROVIDE W/P-TRAP PRIMER FROM COLD WATER W/APPY.	2"	-	-
P-7	HOT WATER HEATER	6 GAL. ENERGY SAVING WITH P-67 FOAM INSULATION) 7 GPH RECOVERY, AT 90° TEMP. RISE. BRADPOD WHITE MODEL "MIDRESS OR APPROVED EQUAL."		PROVIDE P&T RELIEF VALVE.	-	1/2"	1/2"
	CLEANOUTS	AS INDICATED OR REQUIRED BY CODE. CLEANOUTS SAME SIZE AS PIPS. FLOOR CLEANOUTS TO BE SET FLUSH W/FLOOR, 1/2" ZUPIN MODEL Z1400-2 OR APPROVED EQUAL, WALL C.O.'S SHALL BE ZUPIN MODEL Z1400-1 OR APPROVED EQUAL.		-	-	-	-

FIGURE SCHEDULE



SANITARY WASTE & VENT PLAN
SCALE: 1/4" = 1'-0"

STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

PLUMBING PLAN
VERMONT AGENCY OF TRANSPORTATION
6 BAY MAINTENANCE GARAGE
VERMONT
CLARENDON

DATE: APRIL 19, 1993
DRAWN BY: A. FOULIN
APPROVED BY: F. TRANT

SCALE: AS NOTED
REVISIONS:
DWG. NO. P-1
16 OF 23

REVISIONS:
 03/11/83 INCREASED MOUND SIZE
 03/19/83 ADDED TEST PIT # 2 FROM TEST PIT #1
 03/19/83 SUPPLEMENTARY BENCHMARK
 04/14/83 REVISED EXISTING CULVERT DESCRIPTION
 REVISED FORCE MAIN PIPING

VERMONT
 AGENCY OF
 TRANS.
 CLARENDON, VT

Emman
 Engineering
 Environmental • Civil • Sanitary
 Route 78 • P.O. Box 127
 North Clarendon, Vermont 05759
 (802)775-3437

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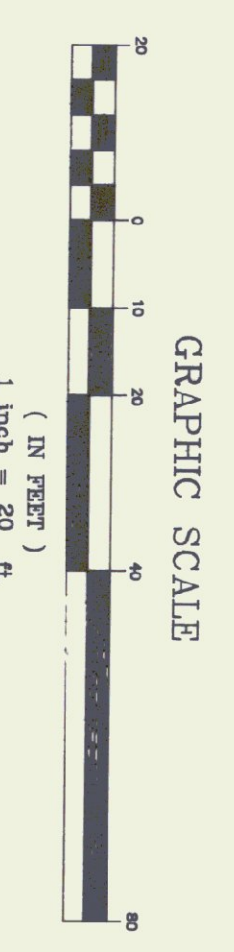
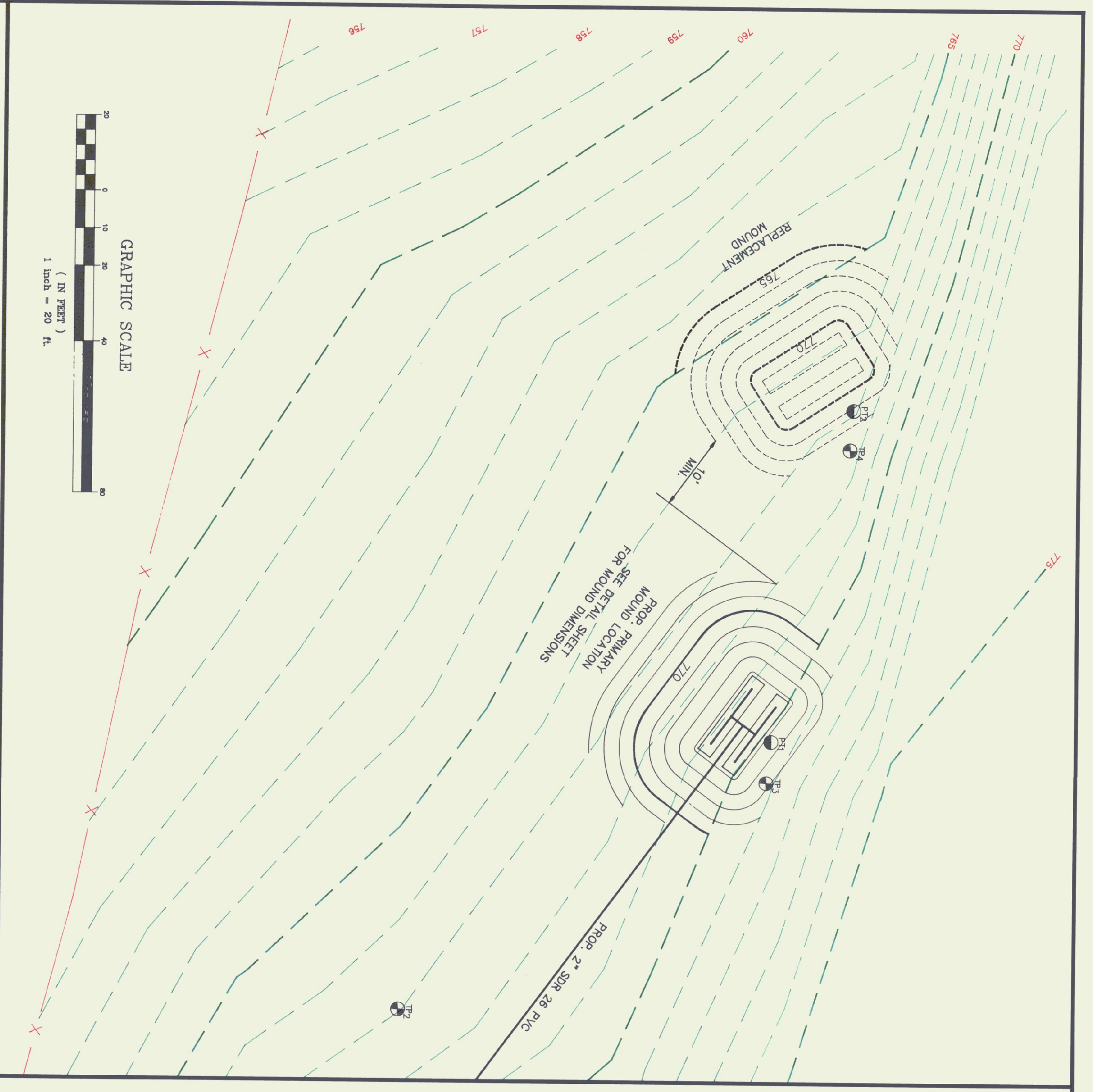
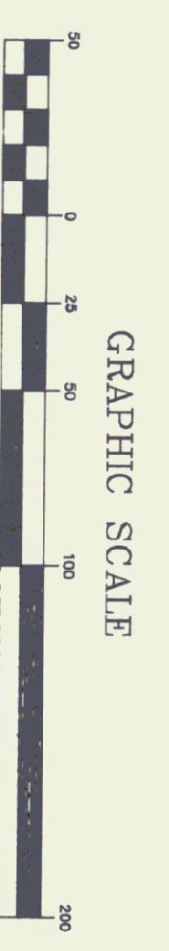
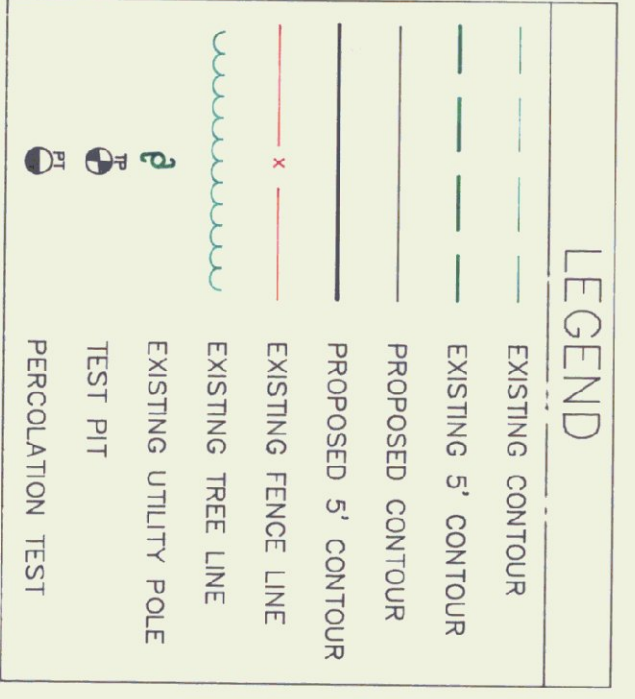
REGULATORY APPROVAL STAMP

**SEWER
 DESIGN**

SCALE: AS NOTED
 DATE: 03/01/93
 DESIGN BY: BUE
 DRAWN BY: JBT
 SHEET NO: P-2
 PROJECT NO: 9228



- NOTES:
 1. PROPERTY LINE LOCATION & CONTOURS BY OTHERS. CONTRACTOR TO CORROBORATE.
 2. BURIED UTILITIES ARE APPROXIMATE IN LOCATION. CONTRACTOR TO CONTACT ENGINEER IF DIFFERENT THAN PLANS.
 3. CTR TO LOCATE PROPOSED WELL A MIN. OF 10' FROM ANY PROPERTY LINES. SEE DETAIL SHEET FOR WELL DETAIL.



TEST PIT #1

Depth	Dominant Color	Mottles	Texture	Structure	Consistence
0-8"	dk brn	no	frozen	-	-
8-12"	olive brn	yes	fs	bk	fridde
12-24"	olive brn	yes	st	bk	fridde
24-28"	olive	sol.	ledge	f	mod.
28-45"	olive				
45"					

TEST PIT #2

Depth	Dominant Color	Mottles	Texture	Structure	Consistence
0-8"	dk brn	no	frozen	-	-
8-17"	lt brn	yes	fs	bk	mod.
17-26"	lt brn	yes	fs	bk	mod.
26-38"	lt brn	yes	fs	bk	mod.
38-52"	red brn	yes	fs	bk	mod.
52-55"	brn	story mix	fs	bk	mod.

TEST PIT #3

Depth	Dominant Color	Mottles	Texture	Structure	Consistence
0-11"	dk brn	no	frozen	-	-
11-24"	ye brn	no	fs	no	loose
24-37"	olive brn	font	fs	bk	mod.
37"	refusal				

TEST PIT #4

Depth	Dominant Color	Mottles	Texture	Structure	Consistence
0-14"	dk brn	no	fs	no	loose
14-26"	ye. brn	no	fs	no	loose
26-46"	red brn	faint	fs	no	loose

PERC. TEST #1
 RATE = 10 min./inch

PERC. TEST #2
 RATE = 4.6 min./inch

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REVISIONS:

02/15/83
 ADD NOTE ON FRONT
 SHEET REGARDING
 AVOID TRENCH W/ LEDGE DETAIL
 REVISION PUMP STATION NOTE
 SHEET 87 75281
 04/14/83
 REVISED BASIS OF DESIGN
 REVISED FORCE MAIN PIPING
 REVISED MOUND CONSTRUCTION NOTES

VERMONT
 AGENCY OF
 TRANS.

CLARENDON, VT

Emman
 Environmental & Civil & Sanitary
 Route 718 P.O. Box 127
 North Clarendon, Vermont 05759
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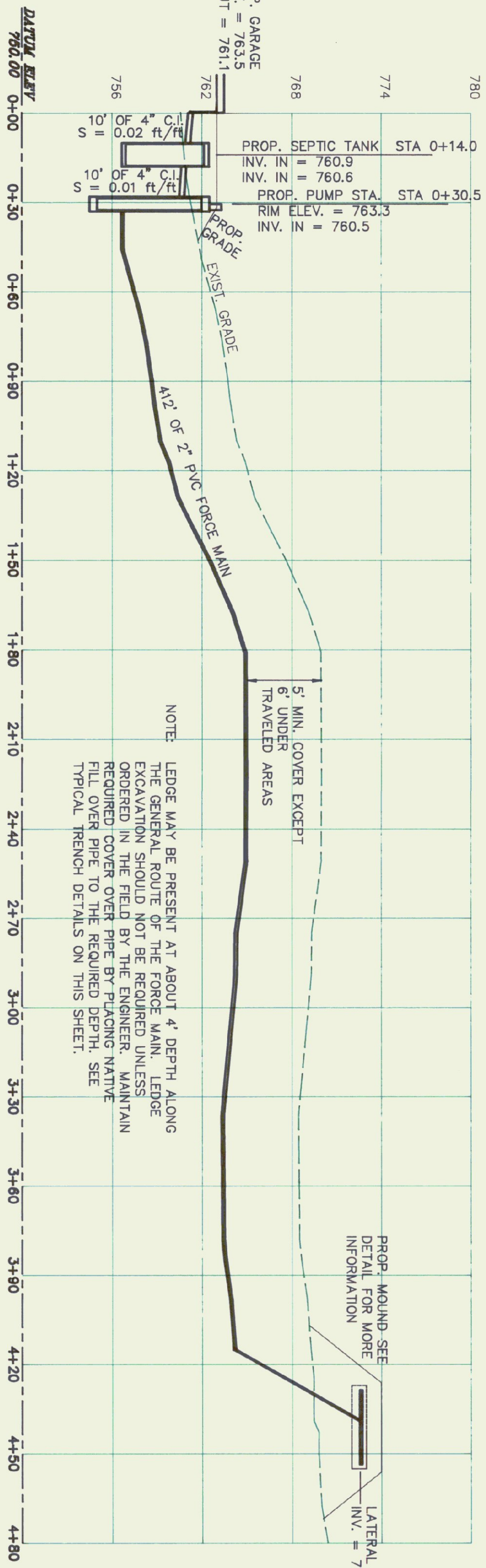
REGULATORY APPROVAL STAMP

MISC.
 DETAILS

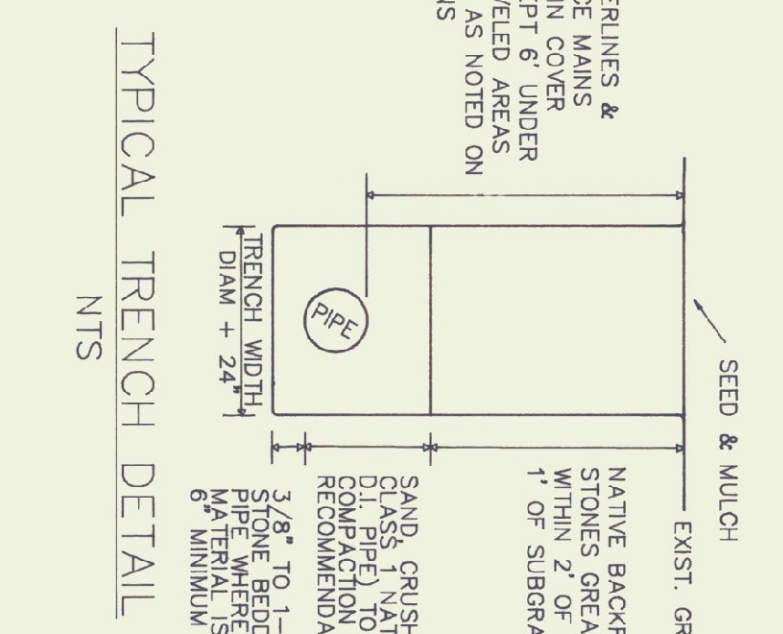
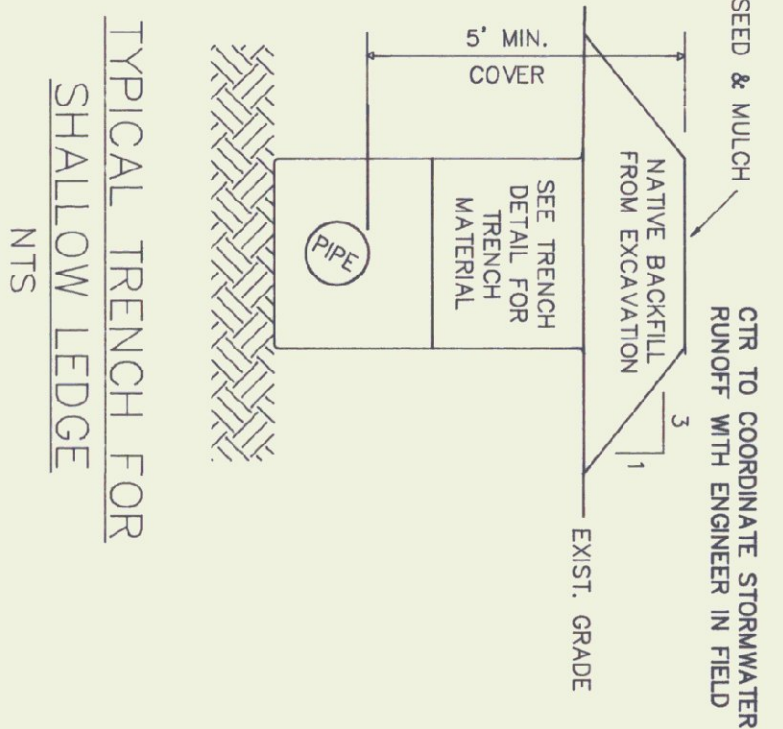
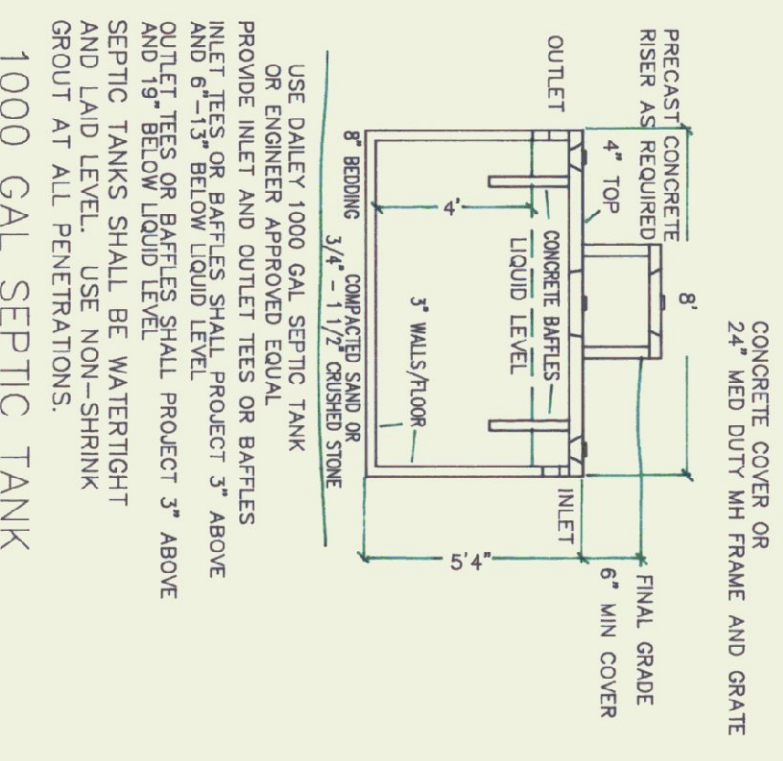
SCALE: AS NOTED
 DATE: 03/01/93
 DESIGN BY: BJE
 DRAWN BY: JBT
 SHEET NO: P-3
 PROJECT NO: 9228

BASIS OF DESIGN

AVERAGE DAILY FLOW	10 employees @ 150 gal each = 1500
FIELD SIZING	(150 gpd) / (1.2 gpd/sf) = 125 sf REQUIRED USE 2 @ 4'x24' = 192 sf AVAILABLE
BASEL AREA	(150 gpd) / (0.75 gpd/sf) = 200 sf REQUIRED 24' x 40' = 960 sf AVAILABLE
HYDRAULICS	ELEVATION HEAD 772.8 - 758.0 = 14.8 ft FRICTION HEAD 2" PVC FORCE MAIN 440' @ C=100 USE GOLIUS 3895-WEGOH 1/2 HP PUMP OPERATING POINT = 29.7 gpm @ 38.5 TDH
FIELD HYDRAULICS AT OPERATING POINT	
ORIFICE FLOW(gpm)	HEAD(ft)
A1	3.000
A2	3.000
MAX FLOW 3.713 gpm	
MIN FLOW 3.272 gpm	
% DIFFERENCE 0.05%	
PUMP STATION LEVELS	ON/OFF 1.4' = 132 gallons DUMP RUN TIME 132 gal / 29.7 gpm = 4.4 min STORAGE VOLUME 216 = 2.14 gallons
DOSING	(120 gal/dose) @ (63 gal draw back) = 89 gal/dose (150 gpd) / (69 gal/dose) = 2.2 doses/day



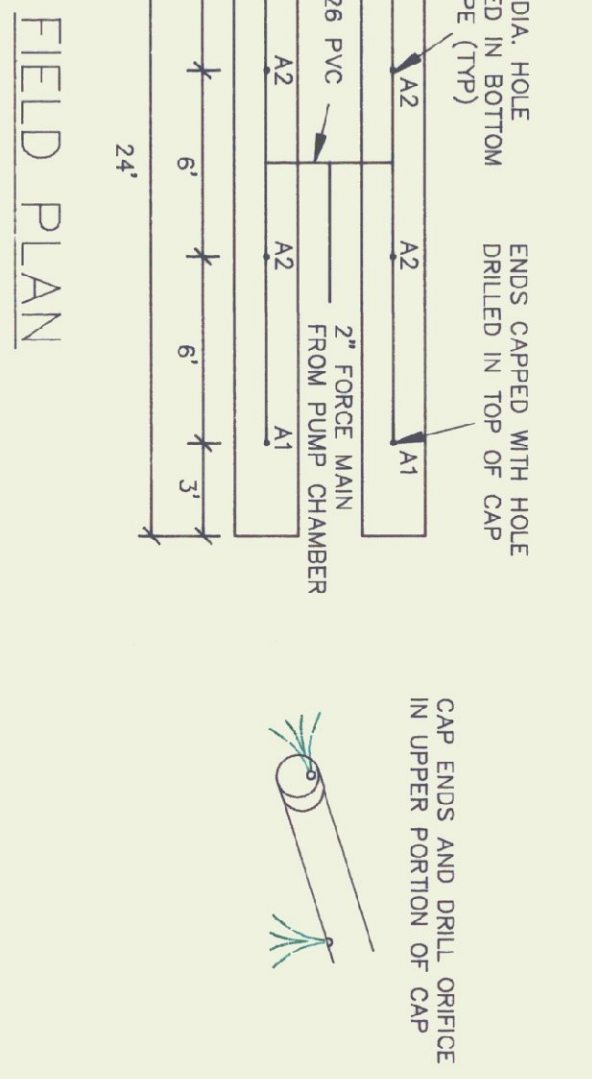
PROPOSED SEWER
 SCALE: HORIZ. 1" = 30'
 VERT. 1" = 8'



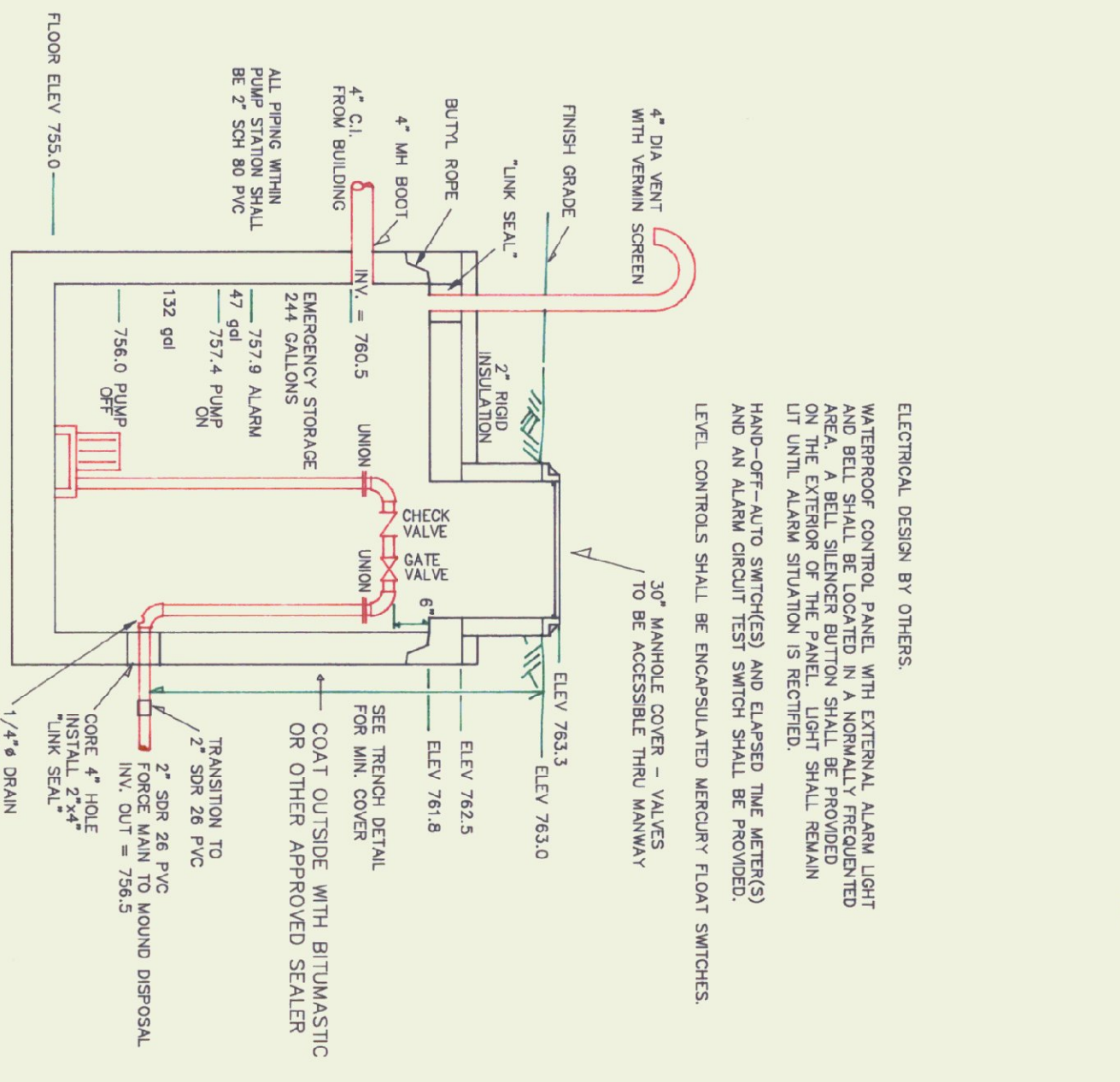
TYPICAL TRENCH DETAIL
 NTS

TYPICAL TRENCH DETAIL
 SHALLOW LEDGE
 NTS

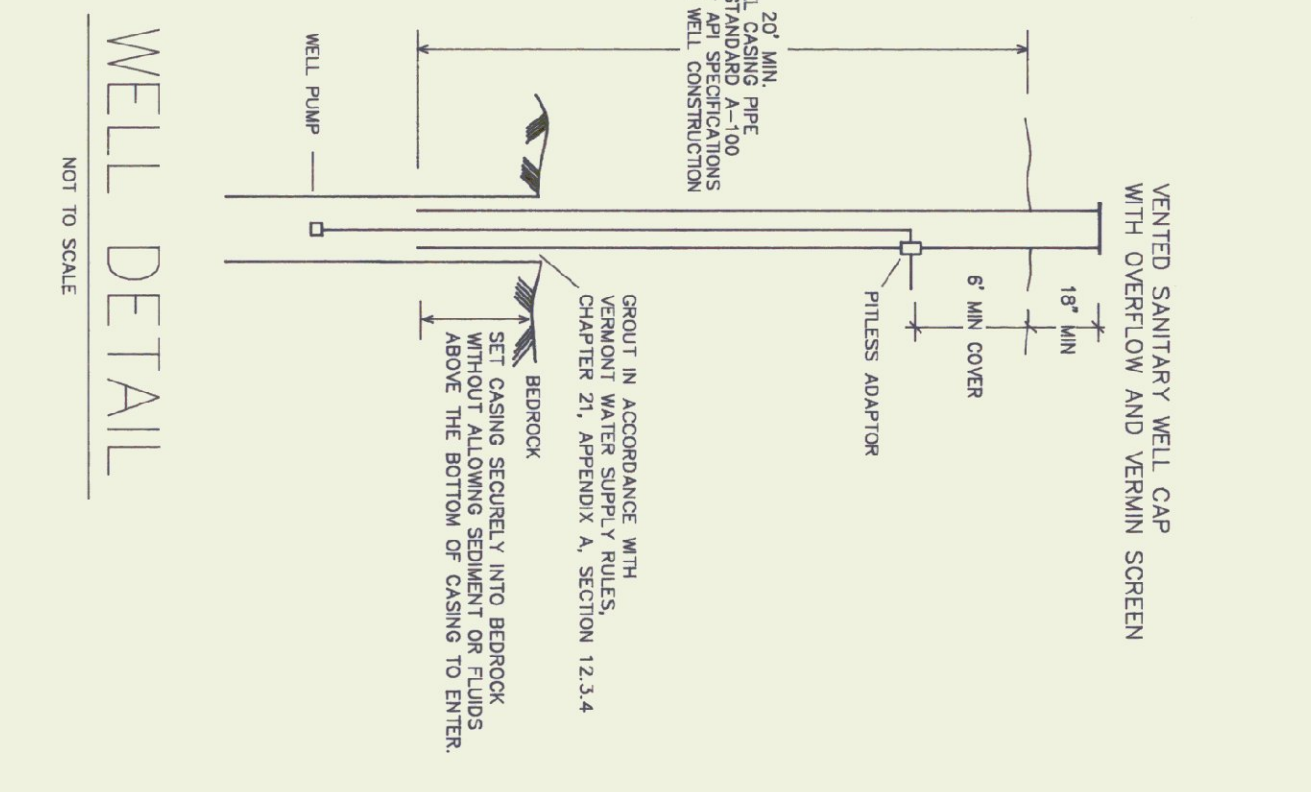
TYPICAL TRENCH DETAIL
 1000 GAL SEPTIC TANK
 NTS



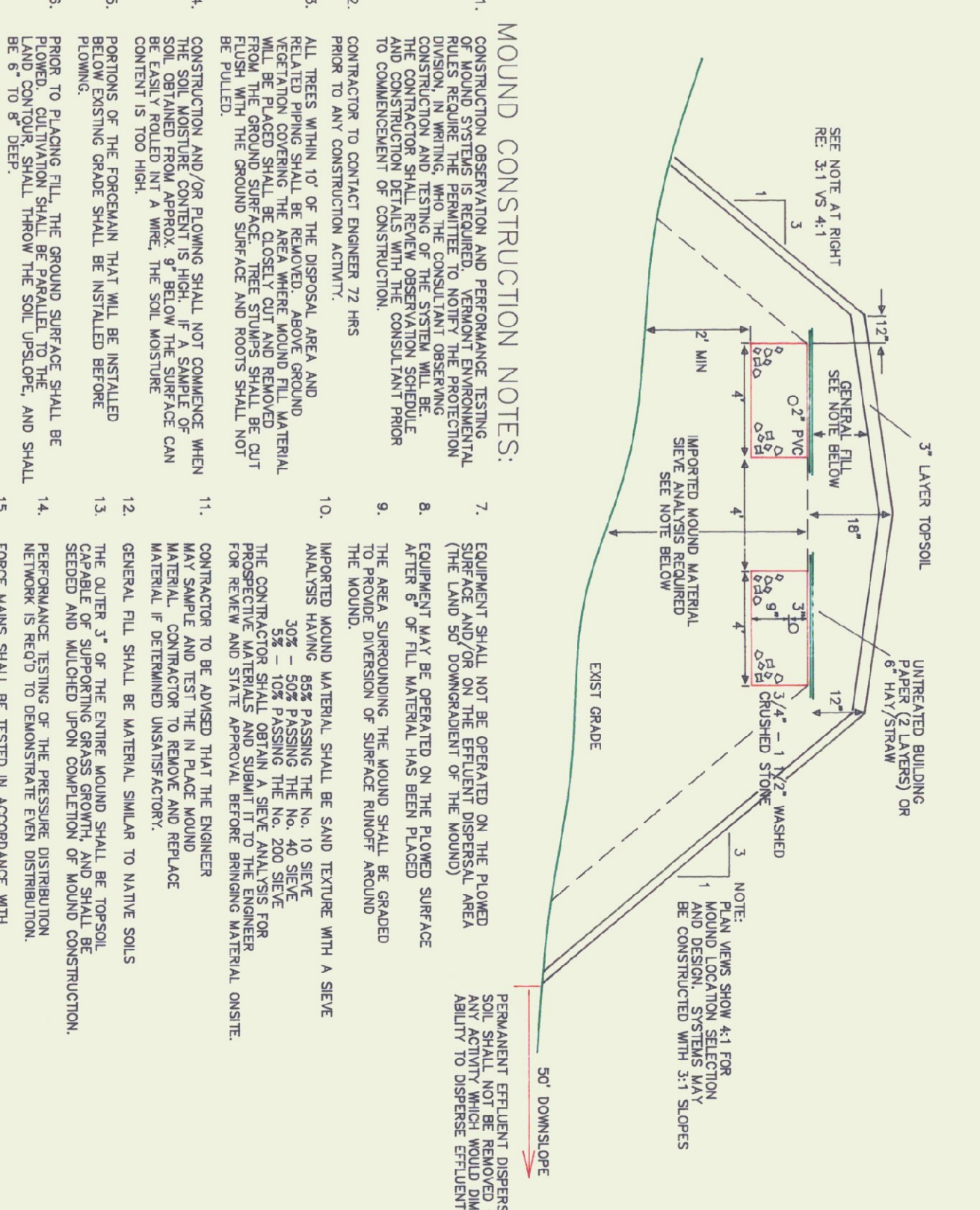
FIELD PLAN
 NTS



4'-0" ID PRECAST
 PUMP STATION
 NTS



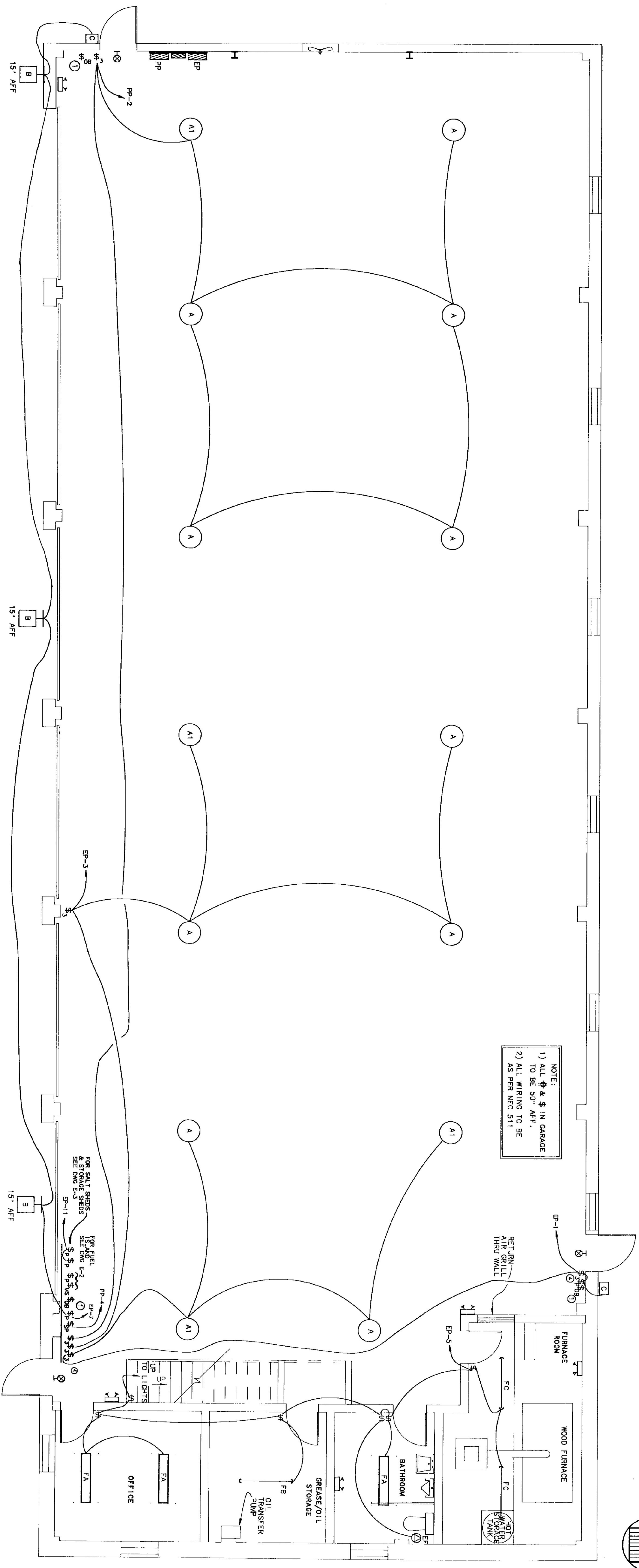
WELL DETAIL
 NOT TO SCALE



TYPICAL MOUND SECTION
 NTS

- MOUND CONSTRUCTION NOTES:
- CONSTRUCTION RESERVATION AND PERFORMANCE TESTING RULES REQUIRE THE CONTRACTOR TO NOTIFY THE PROTECTION AGENCY OF ANY CHANGES TO THE MOUND CONSTRUCTION AND TESTING OF THE SYSTEM WILL BE AT THE CONTRACTOR'S RISK AND COST.
 - CONTRACTOR TO CONTACT ENGINEER 72 HRS PRIOR TO ANY CONSTRUCTION ACTIVITY.
 - ALL TRENCHES SHALL BE 12" DEEP AND 12" WIDE. THE SOIL MOISTURE CONTENT SHALL BE 10-15%.
 - CONSTRUCTION AND/OR PLOWING SHALL NOT COME WITHIN 10' OF THE DISPOSED WASTE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE MOUND FROM THE GROUND SURFACE. TREE STUMPS SHALL BE CUT AND REMOVED FROM THE MOUND SURFACE. THE SOIL MOISTURE CONTENT IS TOO HIGH. THE SOIL MOISTURE CONTENT SHALL BE 10-15%.
 - CONTRACTOR TO BE ADVISED THAT THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE MOUND CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MOUND CONSTRUCTION.
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NOTE:
 1) ALL ⚡ & \$ IN GARAGE TO BE 50" AFF.
 2) ALL WIRING TO BE AS PER NEC 511

ELECTRICAL FIXTURE SCHEDULE

KEY	MANUFACTURER & MODEL	MOUNTING	LAMPS	VOLTAGE	REMARKS
A	GE-C1535357A6-MP-M-08C	SEE DETAIL	150W-HPS	240	SAFETY CHAIN
A1	SAME AS A EXCEPT AUTO SWITCH QUARTZ/SEE DETAIL		150W-HPS	240	SAFETY CHAIN
B	SPALDING-CV1-100-HPS-FG-1G-WBS	AS SHOWN ON DIMS	100W-HPS	120	PHOTO CELL
C	SPALDING-MAR-35-HPS-FC	WALL SURF. 8' AFF	35W-HPS	120	PHOTO CELL
D	STONCO VOXL21TG	SURF.-CEILING	150 A	120	PHOTO CELL
F	CEILING FAN - DAYTON 40853			120	PHOTO CELL
FB	KEYSTONE MC 240 A ELEC/OCT 120	SURFACE	2-F32T8/SP35	120	ELECTRONIC BALLAST
FC	KEYSTONE KL240 120Q 2-ELEC/OCT120	CEILING	2-F32T8/SP35	120	ELECTRONIC BALLAST
G	KEYSTONE KL240 120 HQ4-ELEC/OCT120	CHAIN HUNG	2-F32T8/SP35	120	ELECTRONIC BALLAST
H	STONCO 150L & CAT #80 WIRE GUARD	SURFACE CEILING	150W-PAR-FL	120	MP CAST BOX
I	LIGHTALARMS XE9RM-FL	7' AFF	2-7W-FL	120	CONNECT TO LIGHT CONTROL IN GARAGE
J	LIGHTALARMS KB-1	8' AFF	2-6 WATT	120/6	CONNECT TO LIGHT CONTROL IN GARAGE

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

LEGEND

WALL RECEPTACLES

- ⊕ DUPLEX OUTLET +24" AFF
- ⊕ SPLIT WIRED DUPLEX OUTLET
- ⊕ SINGLE SPECIAL PURPOSE OUTLET
- ⊕ DUPLEX OUTLET +50" AFF

ABBREVIATIONS

- AFF ABOVE FINISHED FLOOR
- EC ELECTRICAL CONTRACTOR
- ES EQUIPMENT SUPPLIER
- GC GENERAL CONTRACTOR
- MC MECHANICAL CONTRACTOR
- PC PLUMBING CONTRACTOR
- GR GROUND
- GRC GALVANIZED RIGID CONDUIT
- JB JUNCTION BOX
- MOD MOTOR OPERATED DAMPER
- TTB TELEPHONE TERMINAL BOARD

LUMINAIRES

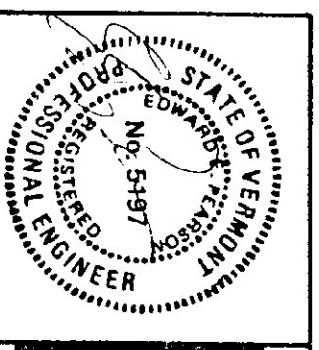
- ☐ FLUORESCENT LIGHT
- FLUORESCENT LIGHT
- CEILING LIGHT
- WALL LIGHT
- EXIT LIGHT - WALL
- EMERGENCY LIGHT - DOUBLE HEAD

WALL SWITCHES

- \$ SWITCH + 50" AFF
- \$₃ THREE WAY SWITCH
- \$_{FM} FIREMATIC SWITCH - AT CEILING
- \$_M MANUAL MOTOR STARTER
- \$_{MS} OIL BURNER SAFETY SWITCH
- \$_P SWITCH W/ PILOT LIGHT
- \$_{SP} SWITCH - SPEED CONTROL

KEYED NOTES

- ① REFER TO OIL BURNER ONE LINE DIAGRAM
- ② REFER TO OVERHEAD DOOR WIRING DIAGRAM
- ③ REFER TO FUEL PUMP WIRING DIAGRAM
- ④ LABEL ALL SWITCHES AS TO FUNCTION WITH BLACK PHENOLIC NAME PLATES. 1" HIGH WHITE LETTERS. FASTEN NAME PLATE TO SWITCH PLATE WITH BRASS SCREWS.

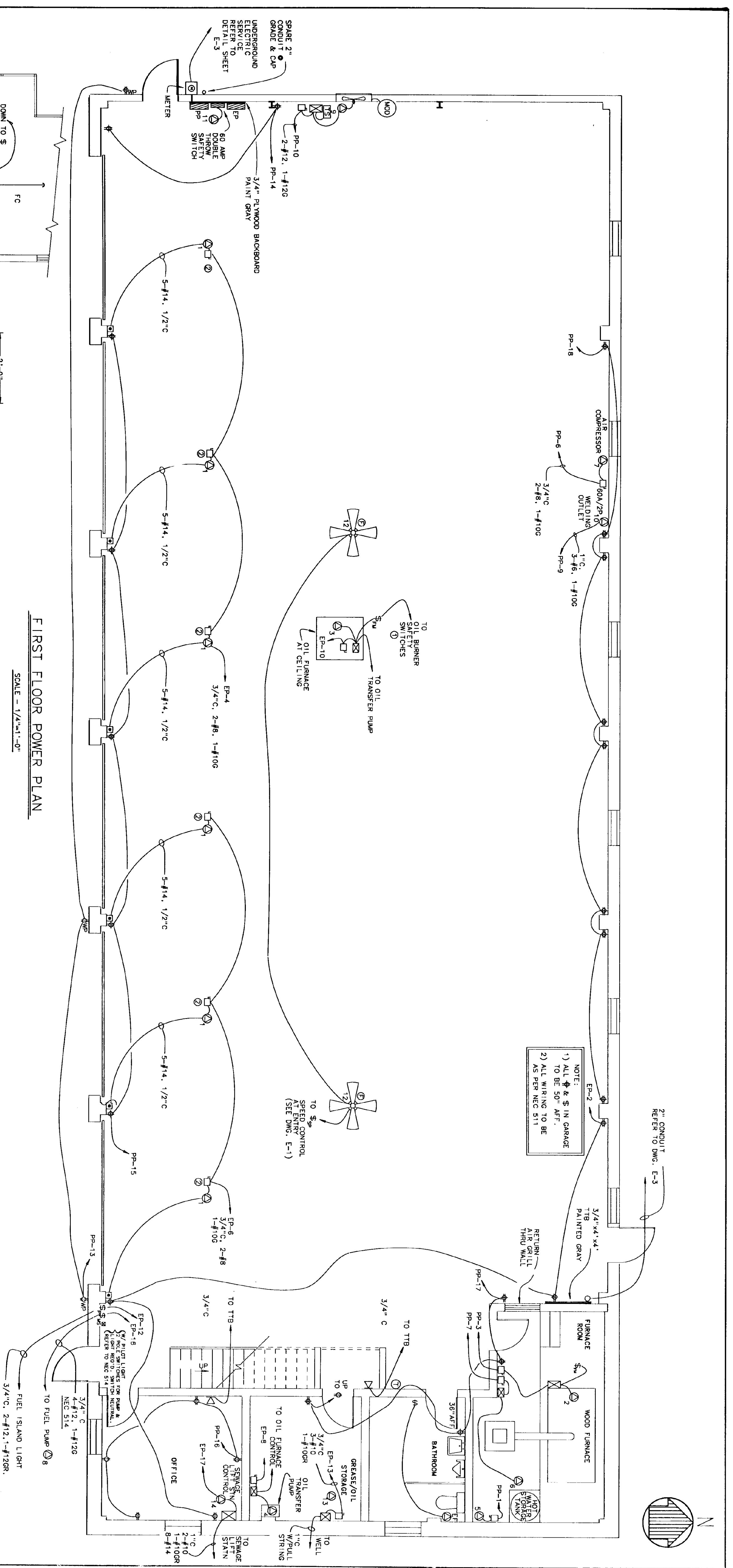


Pearson & Associates
 MECHANICAL & ELECTRICAL ENGINEERS
 P. O. BOX 610 STOWE, VERMONT 05672
 TEL. (802) 253-9607 FAX (802) 253-9290

STATE OF VERMONT
 DEPARTMENT OF STATE BUILDINGS
 AGENCY OF ADMINISTRATION
 MONTPELIER VERMONT

FIRST FLOOR LIGHTING PLAN
 VERMONT AGENCY OF TRANSPORTATION
 6 BAY MAINTENANCE GARAGE
 CLARENDON VERMONT

DATE: 08/09/83 SCALE: 1/4"=1'-0" CWD FILE: PS-OL-E1 DWG NO. E-1
 DRAWN BY: B.W.M. APPROVED BY: [Signature] REVISIONS:



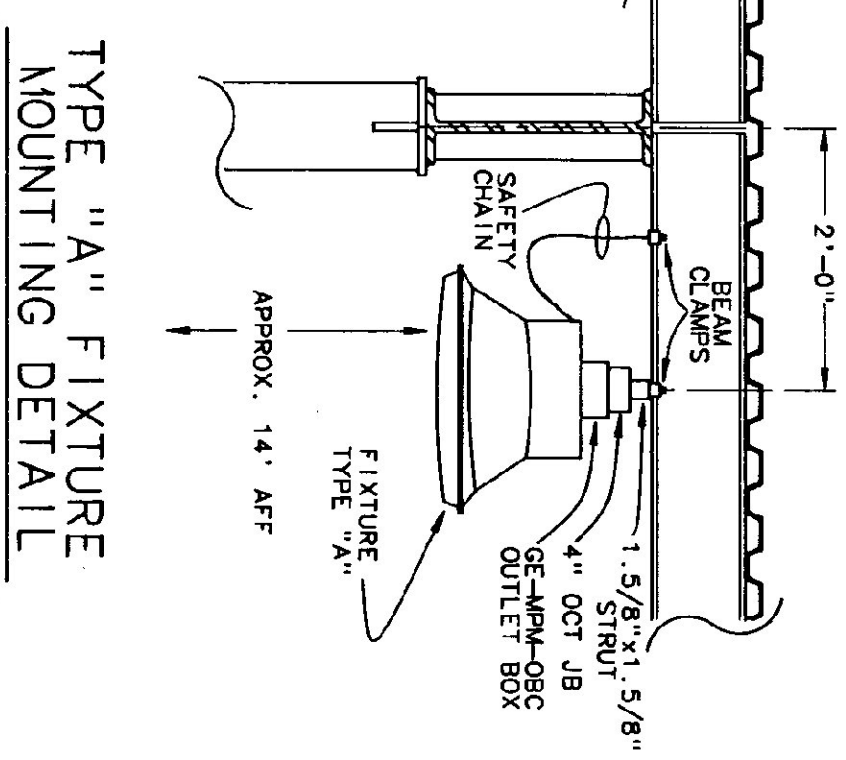
FIRST FLOOR POWER PLAN
SCALE - 1/4"=1'-0"

SPECIAL PURPOSE OUTLET SCHEDULE

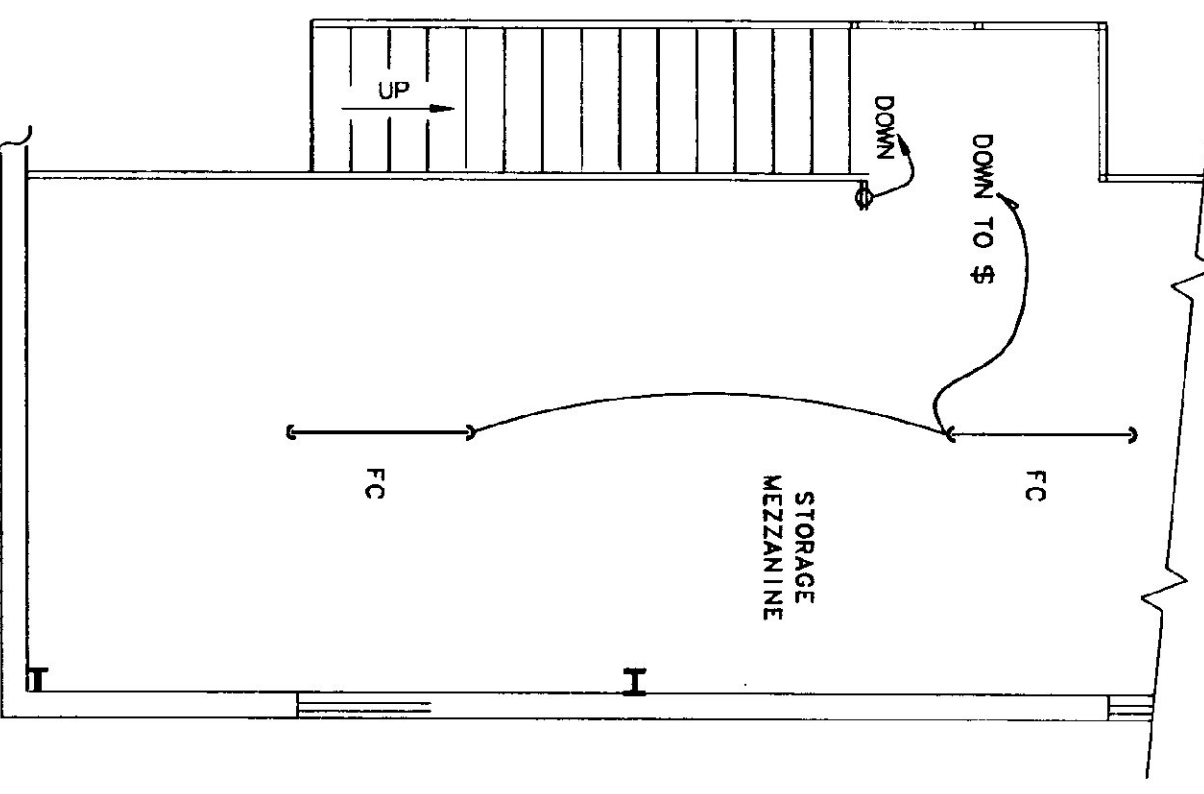
KEY	DESCRIPTION	SUPPLIED BY	INSTALLED BY	CONDUCTOR & CAP	ELECTRICAL REQUIREMENTS	TYPE	STARTER PROVIDED BY	INSTALLED BY	ELECTRICAL DISCONNECT	REMARKS
1	OVERHEAD DOOR	ES	ES	120 10	10	M	ES	ES	ES	CONTROL WIRING BY EC
2	WOOD FURNACE	MC	MC	240 10	10	W/CONTROLLER	MC	EC	ES	30A-2P
3	OIL FURNACE	MC	MC	120 5	5	CONTROL	MC	EC	MC	CONTROL BY MC
4	FUEL OIL TRANSFER PUMP	MC	MC	120 10	10	MAG	MC	EC	EC	CONTROL BY MC
5	WATER HEATER	PC	PC	120 12.5	12.5	-	-	EC	EC	1/2" C, 2-#14 TO DISCHARGE
6	HW CIRCULATOR PUMP	MC	MC	120	10	FHP	MC	EC	ES	NEMA 1-P
7	AIR COMPRESSOR	ES	ES	240 28	28	MAG	ES	EC	ES	NEMA 1-P
8	FUEL PUMP	ES	ES	240 10	10	MAG	ES	EC	ES	NEMA 1-P
9	EXHAUST FAN	ES	ES	240 10	10	MAG	ES	EC	ES	COMPLY WITH NEC 514
10	WELDER OUTLET - 50 AMP	EC	EC	250 50	50	-	-	EC	EC	60-2P-250VAC W/PILOT LIGHT
11	TRANSFER SWITCH W/RECEPT.	EC	EC	120 80	80	-	-	EC	EC	NEMA 1S-15
12	CELLING FAN	EC	EC	120	0.6	SPEED CONTROL	EC	EC	EC	60-2P-250VAC W/PILOT LIGHT
13	DOMESTIC WATER PUMP	EC	EC	240	0.6	SPEED CONTROL	EC	EC	EC	30A-2P
14	SEWAGE LIFT PUMP	EC	EC	230	8	SPEED CONTROL	EC	EC	EC	30A-2P

- KEYED NOTES**
- REFER TO OIL BURNER ONE LINE DIAGRAM
 - REFER TO OVERHEAD DOOR WIRING DIAGRAM
 - REFER TO FUEL PUMP WIRING DIAGRAM
 - LABEL ALL SWITCHES AS TO FUNCTION WITH BLACK PHENOLIC NAME PLATES, 1" HIGH WHITE LETTERS, FASTEN NAME PLATE TO SWITCH PLATE WITH BRASS SCREWS.

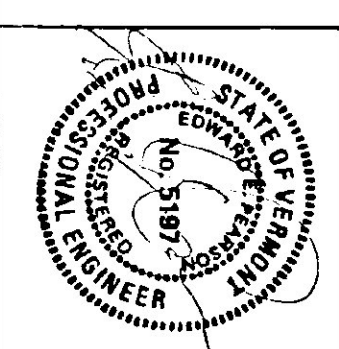
STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER VERMONT
FIRST FLOOR POWER PLAN
VERMONT AGENCY OF TRANSPORTATION
6 BAY MAINTENANCE GARAGE
CLARENDON VERMONT
DATE: 0/09/93
SCALE: 1/4"=1'-0"
DRAWN BY: [Signature]
APPROVED BY: [Signature]
REVISED: [Signature]



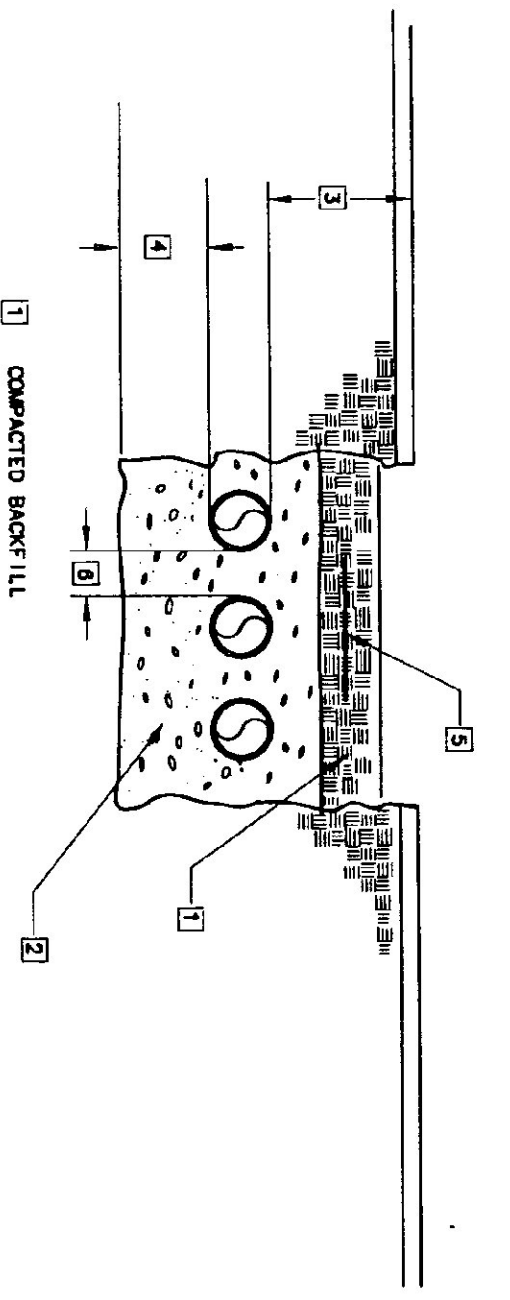
SCALE - 3/4"=1'-0"



MEZZANINE LIGHTING & POWER PLAN
SCALE - 1/4"=1'-0"



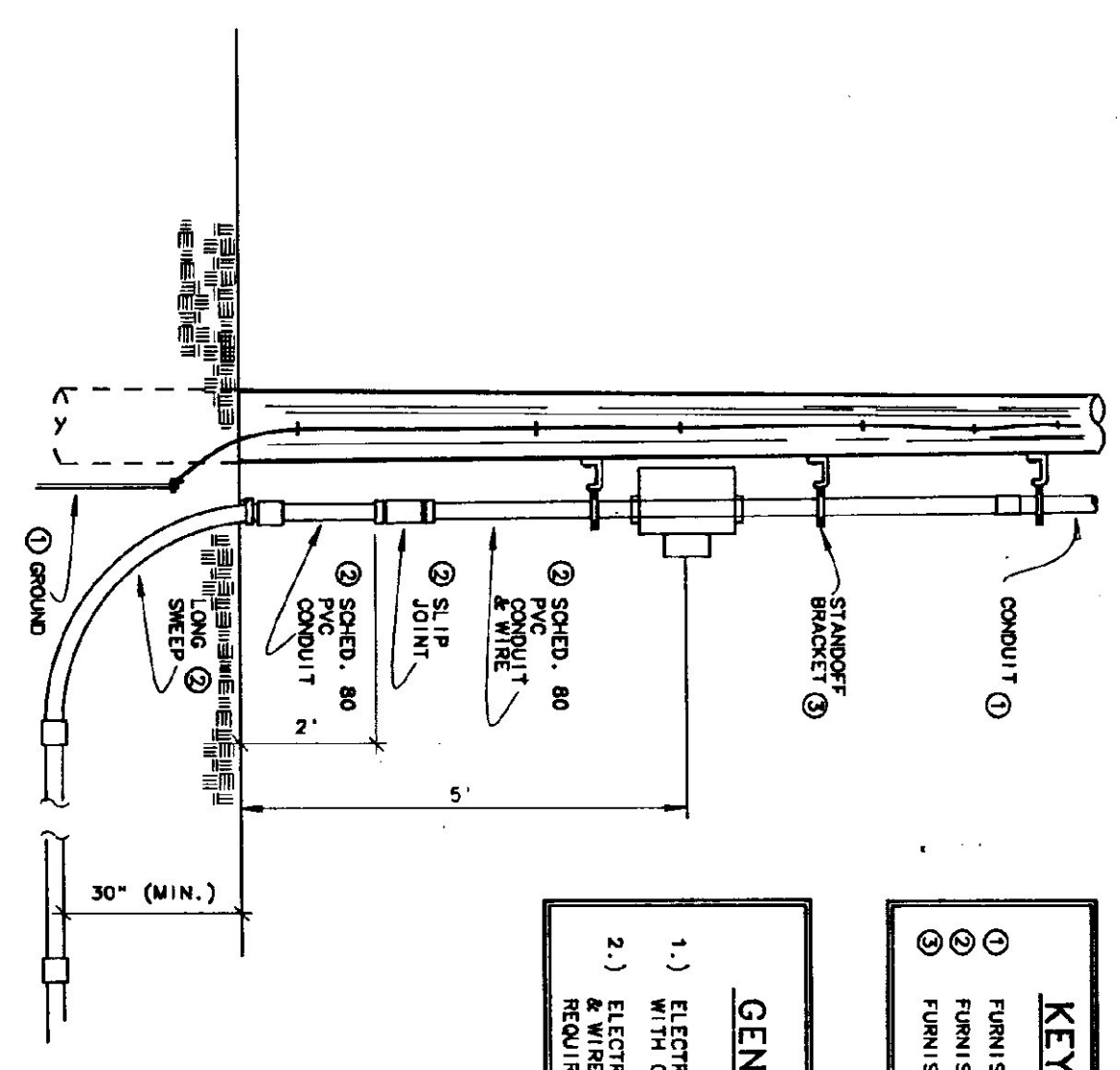
Pearson & Associates
MECHANICAL & ELECTRICAL ENGINEERS
P.O. BOX 610 STOWE, VERMONT, 05672
TEL. (802) 253-9607 FAX (802) 253-9290



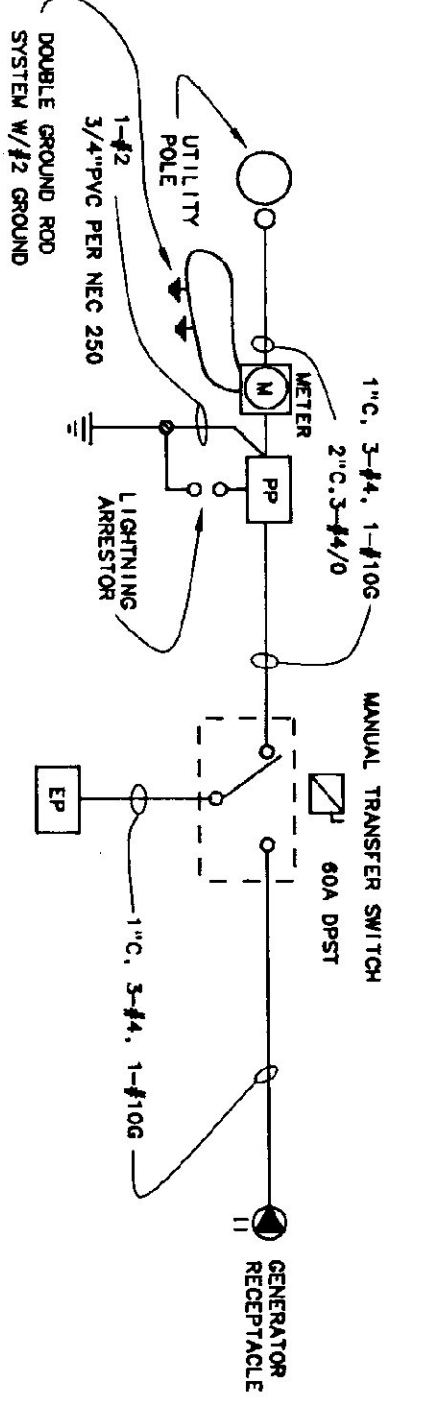
UNDERGROUND SERVICE TRENCH DETAIL
NO SCALE

- KEYED NOTES**
- ① FURNISHED & INSTALLED BY COPS
 - ② FURNISHED AND INSTALLED BY E.C.
 - ③ FURNISHED BY COPS & INSTALLED BY EC

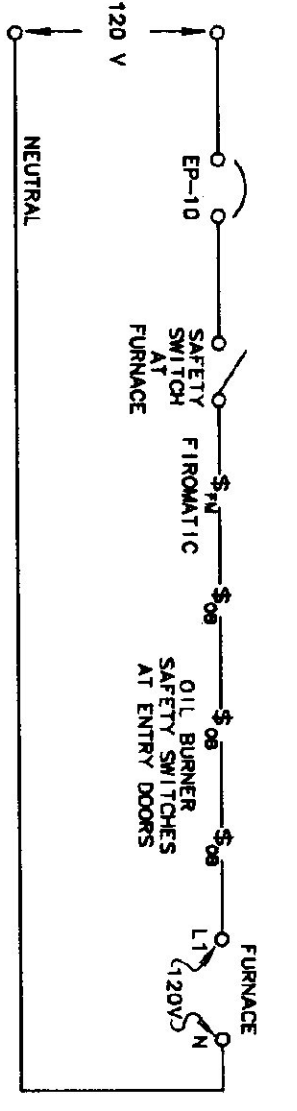
- GENERAL NOTES**
- 1.) ELECTRICAL CONTRACTOR TO CO-ORDINATE SERVICE INSTALLATION WITH COPS
 - 2.) ELECTRICAL CONTRACTOR PROVIDES CONDUIT, ONE LENGTH UP POLE & WIRE TO REACH SECONDARY AS PER COPS TRANSDUCER REQUIREMENTS.



CONDUIT RISER DETAIL
NO SCALE



ELECTRIC SERVICE ONE LINE DIAGRAM
NO SCALE



OIL BURNER ONE LINE DIAGRAM
NO SCALE

PANEL DESIGNATORS

PANEL: EP MOUNTING: SURFACE
MAINS: 60 A - 2 P - MCB, 120/240 V, 1 PH, 3 W
BRANCHES: AS SHOWN
CONNECTED LOAD: 9.6 KW

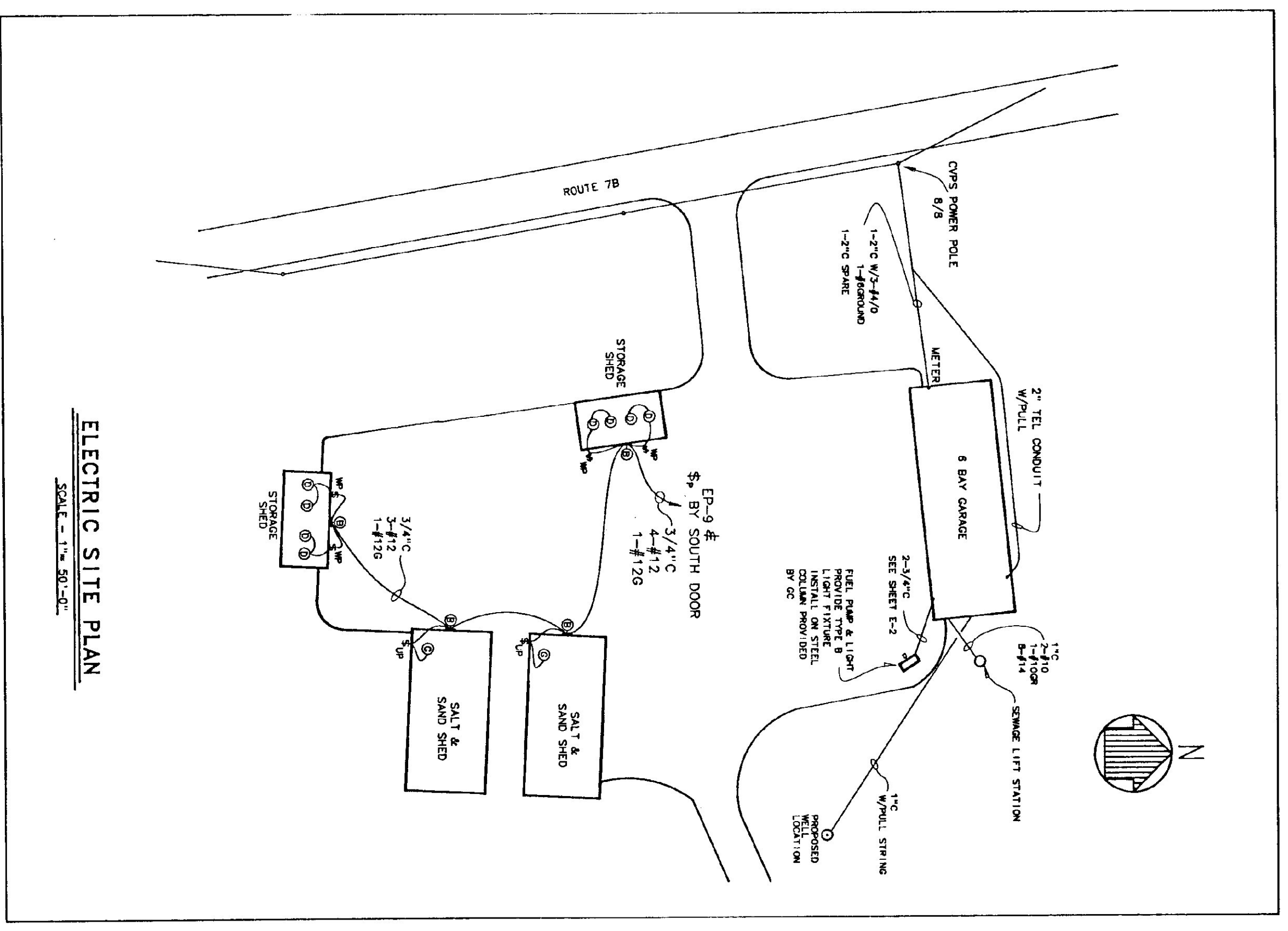
CKT NO.	KW LOAD	DESCRIPTION	BREAKER		DESCRIPTION	KW LOAD	CKT NO.
			P AMP	P			
1	7	LIGHTING	1	20	RECEPTACLES	1.0	2
3	7	LIGHTING	1	20	OVER-HEAD DRS.	1.5	4
5	8	LIGHTING	1	20	OVER-HEAD DRS.	1.0	6
7	6	OUTSD LIGHTS	1	20	OIL TRANS PUMP	5	8
9	6	INT. SHED LIGHTS	1	20	OIL TRANS PUMP	5	10
11	5	EXT. SHED LIGHTS	1	20	GAS PUMP LIGHT	-	12
13	10	WATER PUMP	2	20	(NEUTRAL DISC)	-	14
15	5	SEWER PUMP	1	20	GAS PUMP	1.5	16
17	5	SPACE	-	-	(NEUTRAL DISC)	-	18
19	5	SPACE	-	-	SPACE	-	22
21	5	SPACE	-	-	SPACE	-	22
23	5	SPACE	-	-	SPACE	-	24

PANEL DESIGNATORS

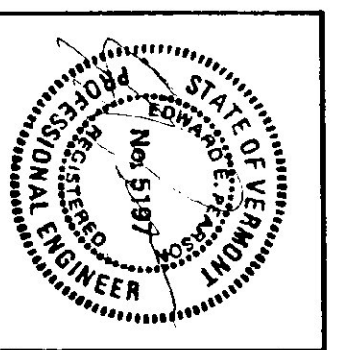
PANEL: PP MOUNTING: SURFACE
MAINS: 200 AMP - 2 Pole - MCB, 120/240 Volt, 1 Phase, 3 Wire
BRANCHES: AS SHOWN
CONNECTED LOAD: 35 KW

UL LABELED FOR SERVICE ENTRANCE

CKT NO.	KW LOAD	DESCRIPTION	BREAKER		DESCRIPTION	KW LOAD	CKT NO.
			P AMP	P			
1	1.0	WATER HEATER	1	20	LIGHTING	1.4	2
3	5	WOOD FURNACE	2	20	CEILING FANS	5	4
5	2	CIRC. PUMP	1	15	AIR COMPRESSOR	5	6
7	10.0	WELDING OUTLET	2	50	EXHAUST FAN	-	8
9	5	RECEPTACLES	1	20	RECEPTACLES	1.2	14
11	5	RECEPTACLES	1	20	RECEPTACLES	7	16
13	1.4	RECEPTACLES	1	20	RECEPTACLES	1.2	18
15	9.6	PANEL EP	2	80	SPACE	-	20
17	1.4	RECEPTACLES	1	20	SPACE	-	22
19	9.6	PANEL EP	2	80	SPACE	-	24
21	5	SPACE	-	-	SPACE	-	26
23	5	SPACE	-	-	SPACE	-	28
25	5	SPACE	-	-	SPACE	-	30
27	5	SPACE	-	-	SPACE	-	32
29	5	SPACE	-	-	SPACE	-	34
31	5	SPACE	-	-	SPACE	-	36
33	5	SPACE	-	-	SPACE	-	38
35	5	SPACE	-	-	SPACE	-	40
37	5	SPACE	-	-	SPACE	-	40
39	5	SPACE	-	-	SPACE	-	40



ELECTRIC SITE PLAN
SCALE - 1" = 50'-0"



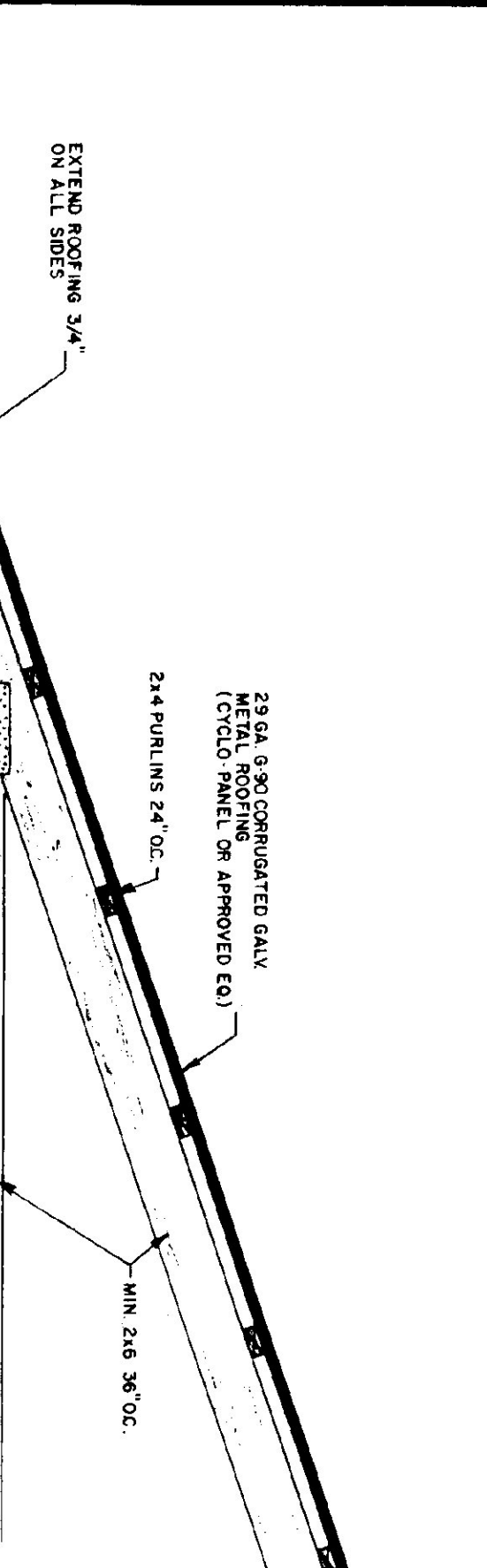
Pearson & Associates
MECHANICAL & ELECTRICAL ENGINEERS
P.O. BOX 610 STONE, VERMONT 05672
TEL. (802) 253-9607 FAX (802) 253-9290

STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
VERMONT

VERMONT AGENCY OF TRANSPORTATION
FIRST FLOOR LIGHTING PLAN
6 BAY MAINTENANCE GARAGE

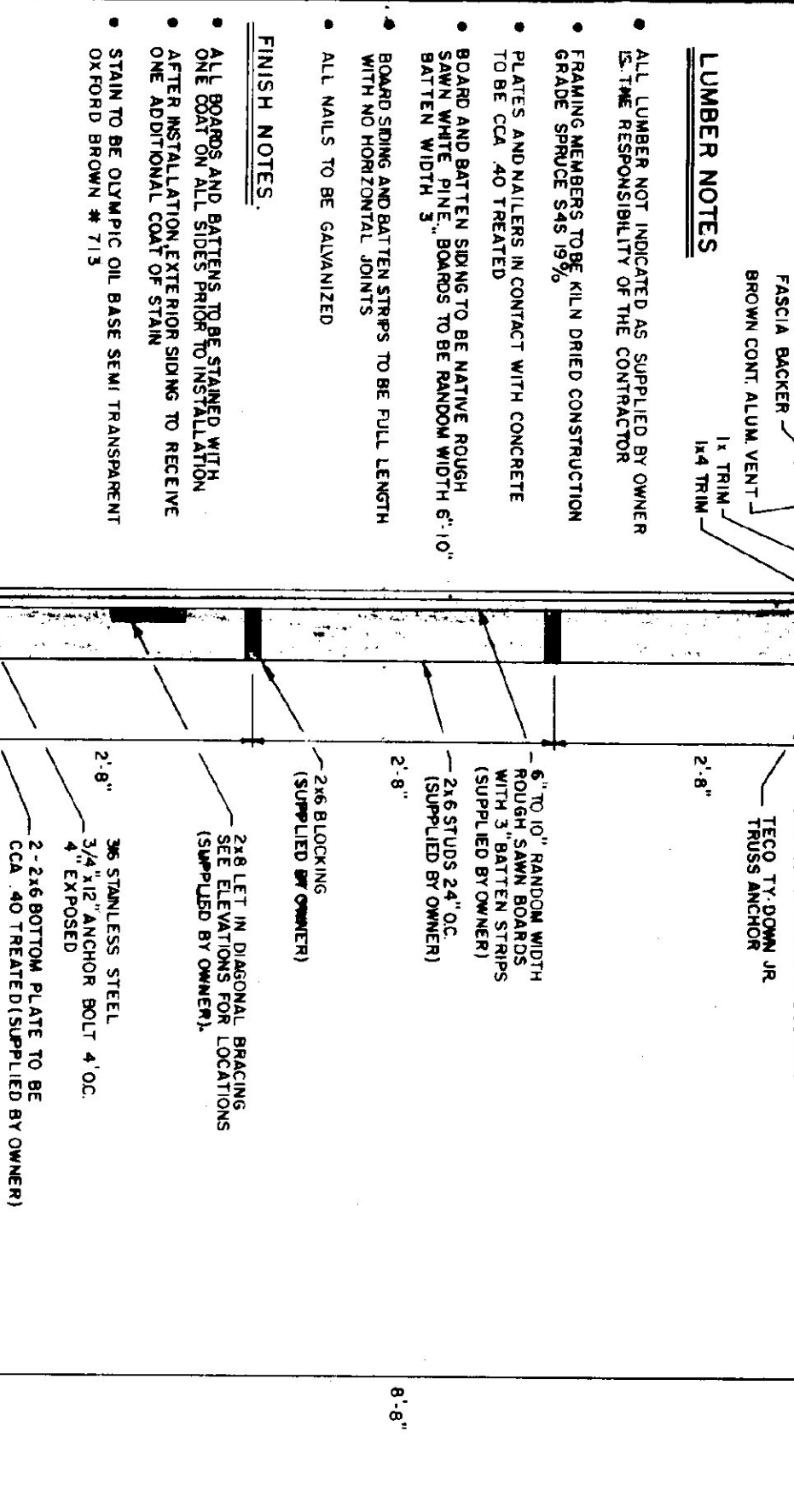
CLARENKON
DATE: 06/09/93 SCALE: AS SHOWN CAD FILE: PS-CL-E3
DRAWN BY: B.W.M. APPROVED BY: [Signature] REVISIONS:

VERMONT
DWG NO. **E-3**



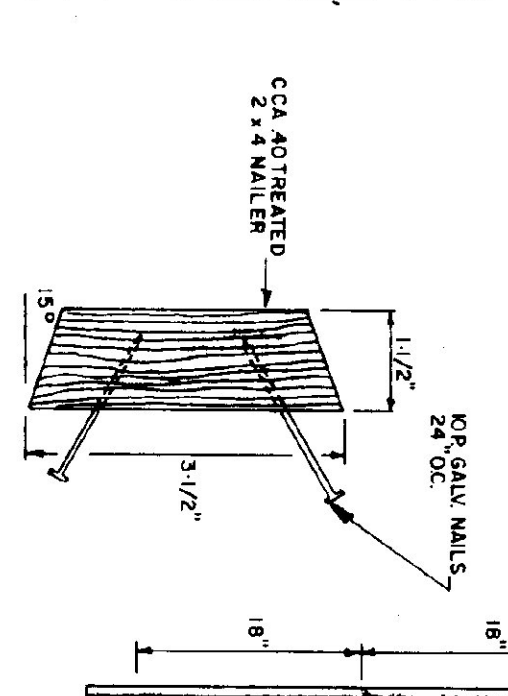
LUMBER NOTES

- ALL LUMBER NOT INDICATED AS SUPPLIED BY OWNER IS THE RESPONSIBILITY OF THE CONTRACTOR
- FRAMING MEMBERS TO BE KILN DRIED CONSTRUCTION GRADE SPOUCE S4S 19%
- PLATES AND NAILERS IN CONTACT WITH CONCRETE TO BE CCA 40 TREATED
- BOARD AND BATTEN SIDING TO BE NATIVE ROUGH SAWN WHITE PINE, BOARDS TO BE RANDOM WIDTH 6" O" BATTEN WIDTH 3"
- BOARD SIDING AND BATTEN STRIPS TO BE FULL LENGTH WITH NO HORIZONTAL JOINTS
- ALL WALLS TO BE GALVANIZED

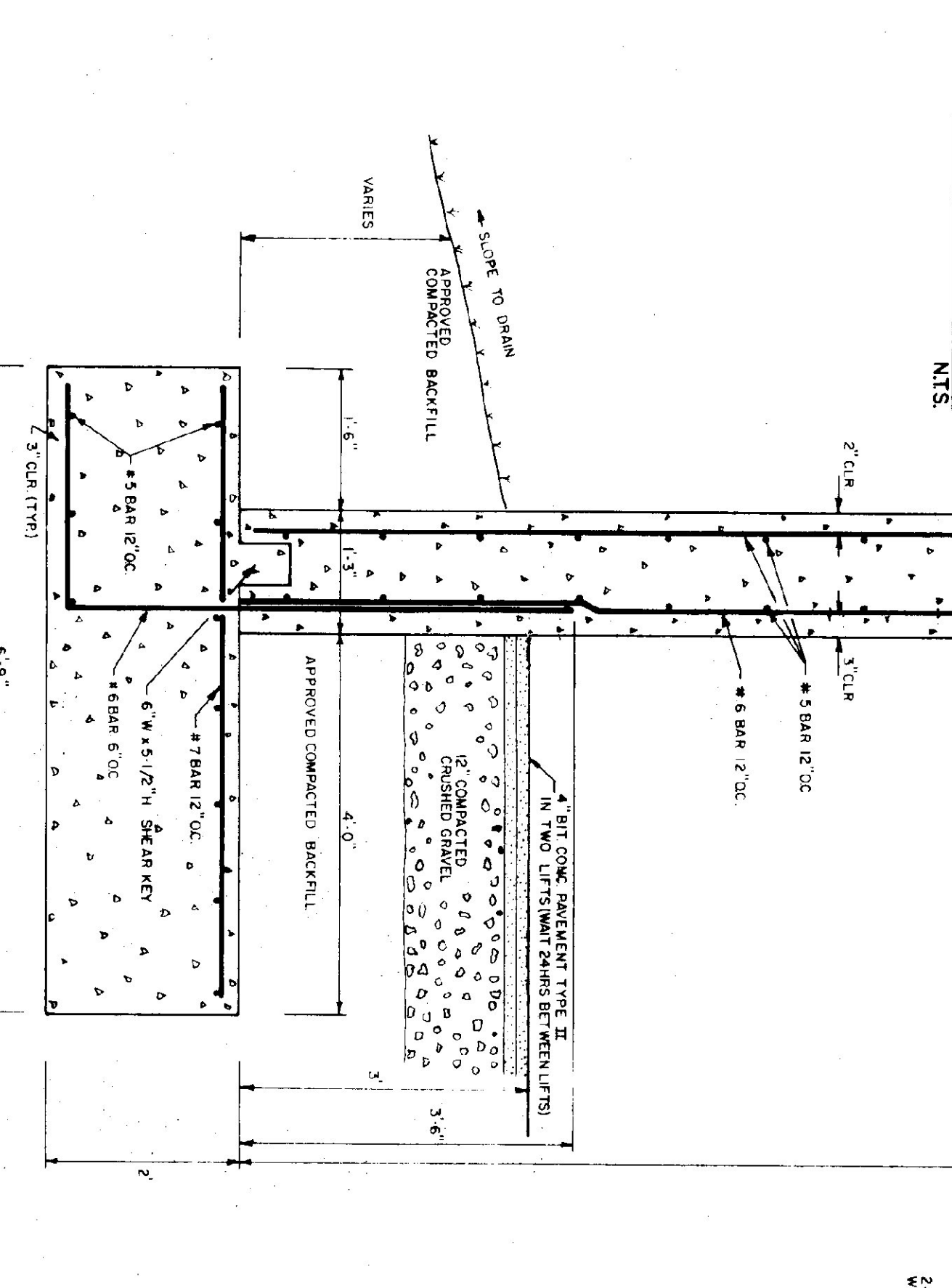


FINISH NOTES

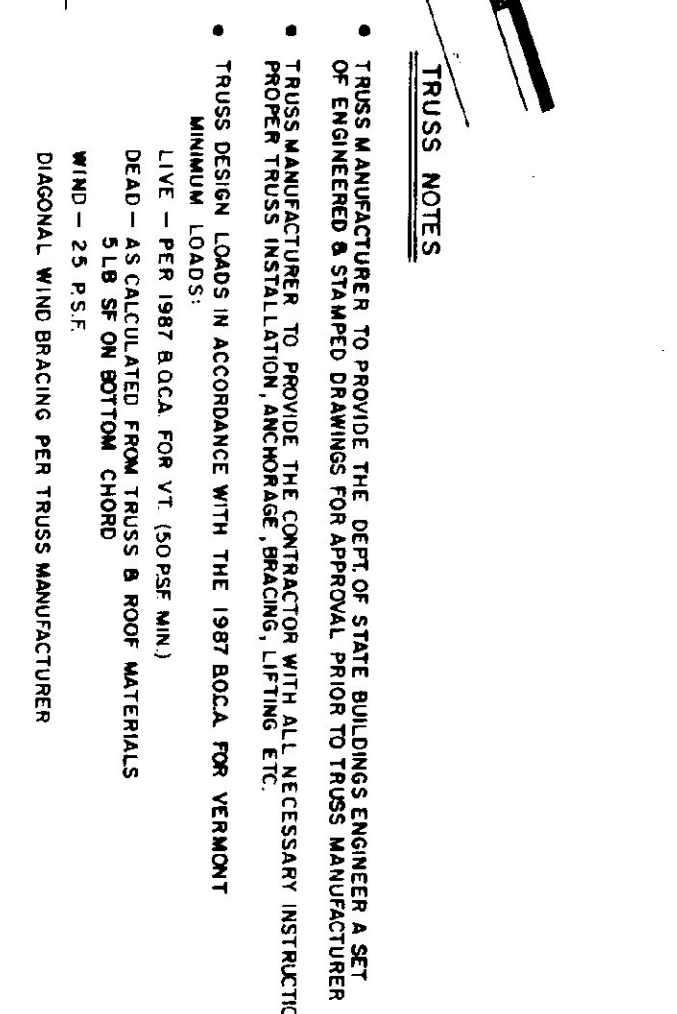
- ALL BATTEN AND BOARD SIDING TO BE STAINED WITH ONE ADDITIONAL COAT OF STAIN
- STAIN TO BE OLYMPIC OIL BASE SEMI TRANSPARENT STAINING BRUSH # 115



NAILER DETAIL
NTS

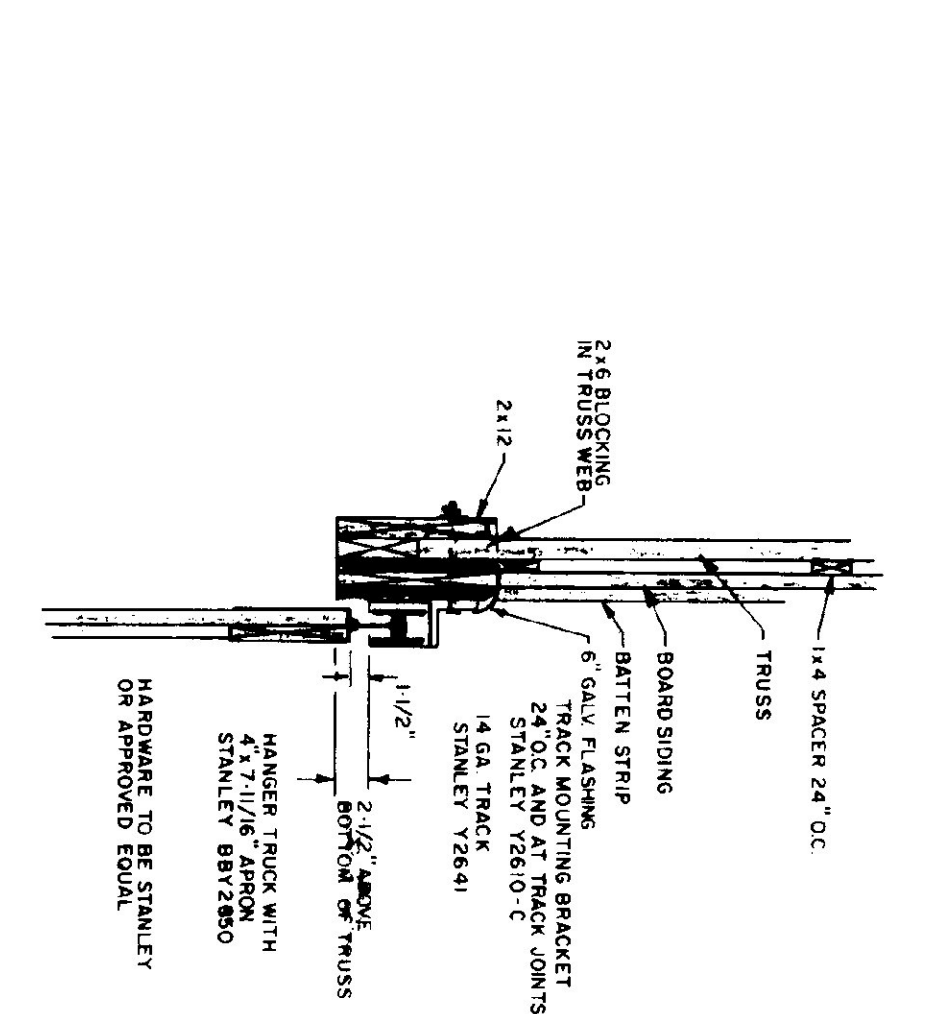


TYPICAL WALL SECTION
3/4"=1'-0"

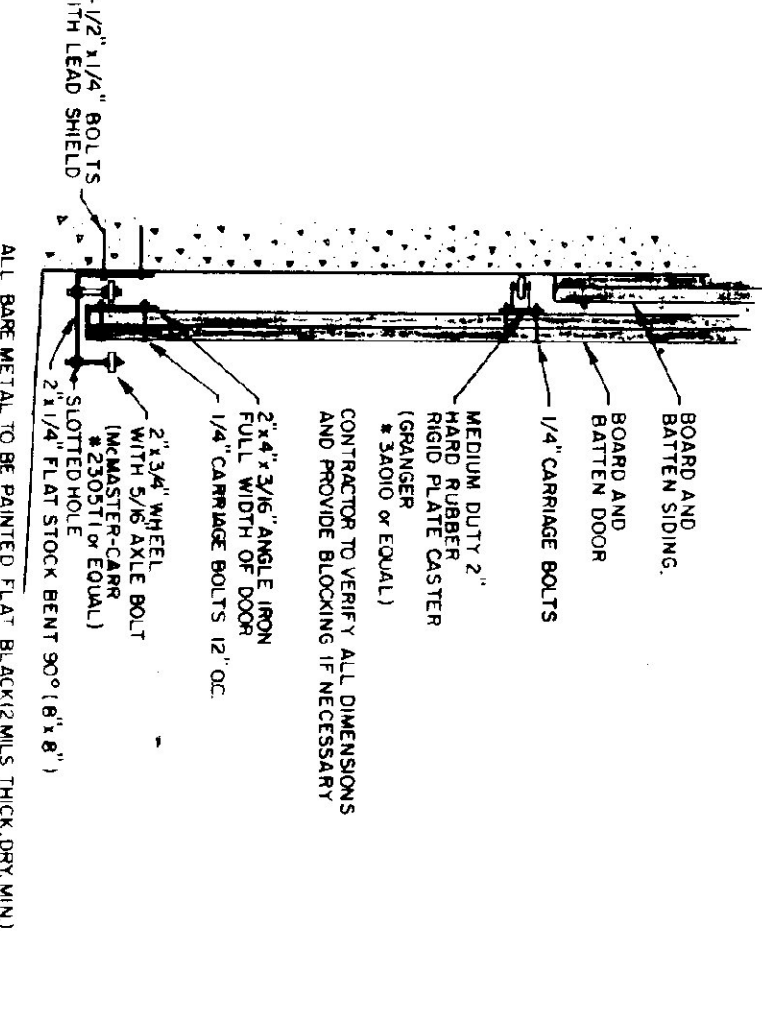


TRUSS NOTES

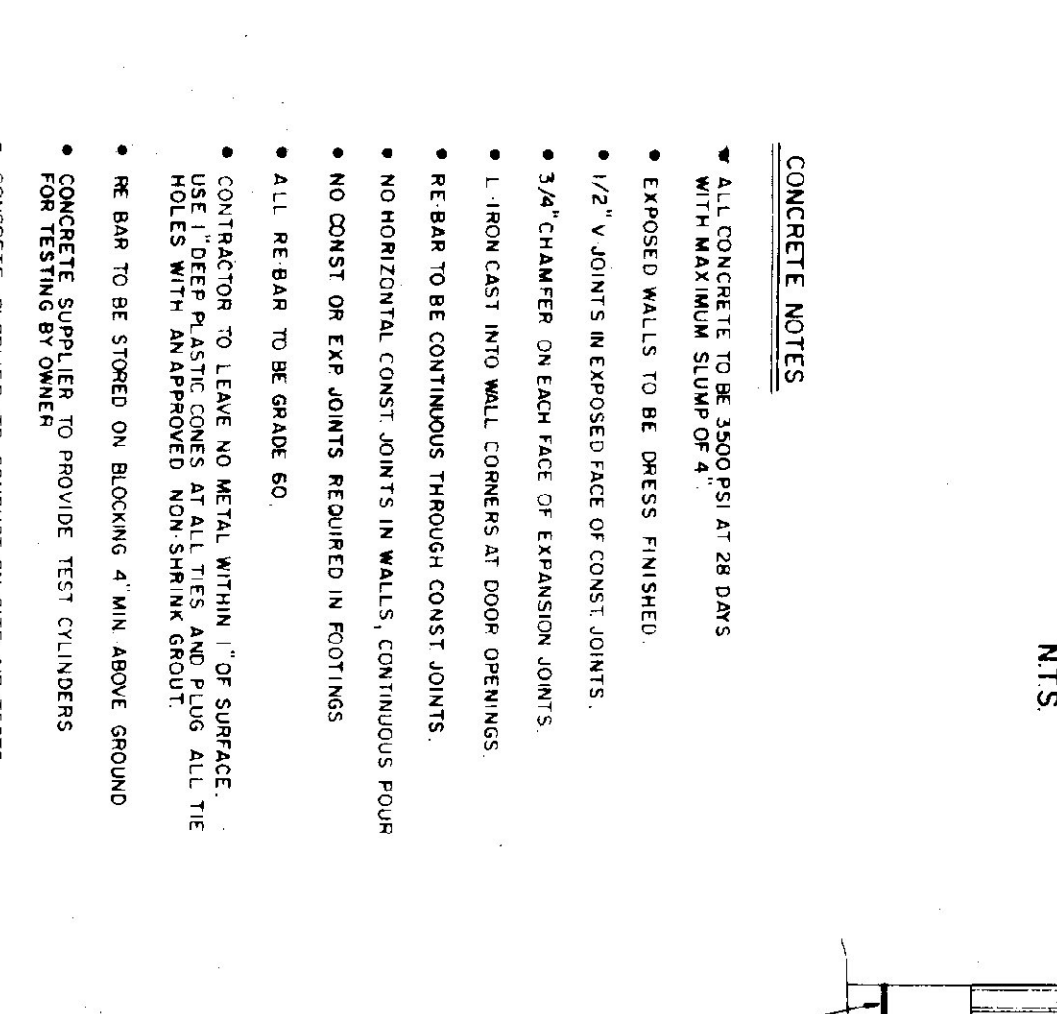
- TRUSS MANUFACTURER TO PROVIDE THE SET OF START BUILDING ENGINEER A SET OF ENGINEERED & STAMPED DRAWINGS FOR APPROVAL FROM THE TRUSS MANUFACTURER
- TRUSS MANUFACTURER TO PROVIDE THE CONTRACTOR WITH ALL NECESSARY INSTRUCTIONS FOR PROPER TRUSS INSTALLATION, BRACING, LOADS, LIFTING ETC.
- TRUSS DESIGN LOADS IN ACCORDANCE WITH THE 1989 IBC/A FOR VERMONT
- MINIMUM LOADS
- DEAD - PER 1987 IBC/A FOR V1 (50 PSF MIN)
- LIVE - 5 LB SF ON BOTTOM CHORD
- WIND - 25 PSF
- DIAGONAL WIND BRACING PER TRUSS MANUFACTURER



TRACK MOUNT DETAIL
NTS

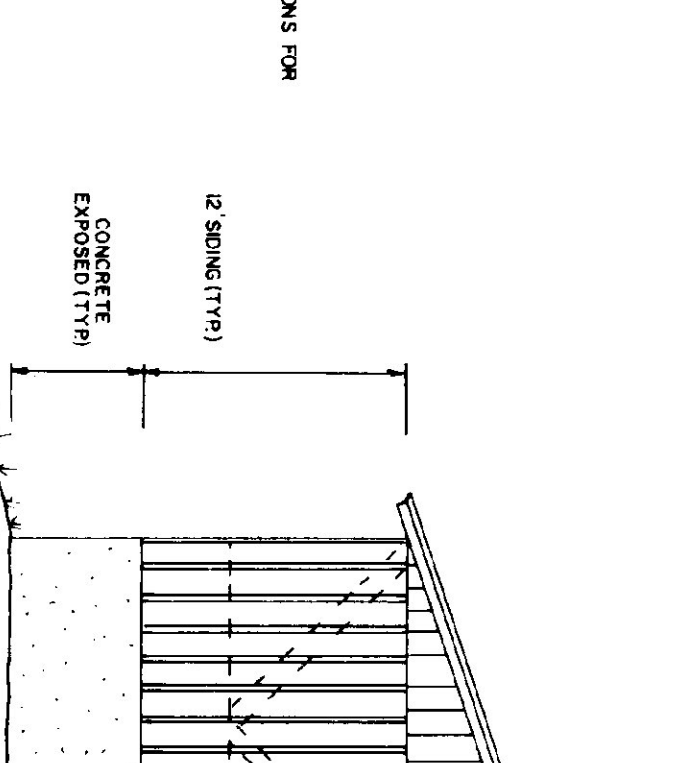


DOOR GUIDE DETAIL
NTS

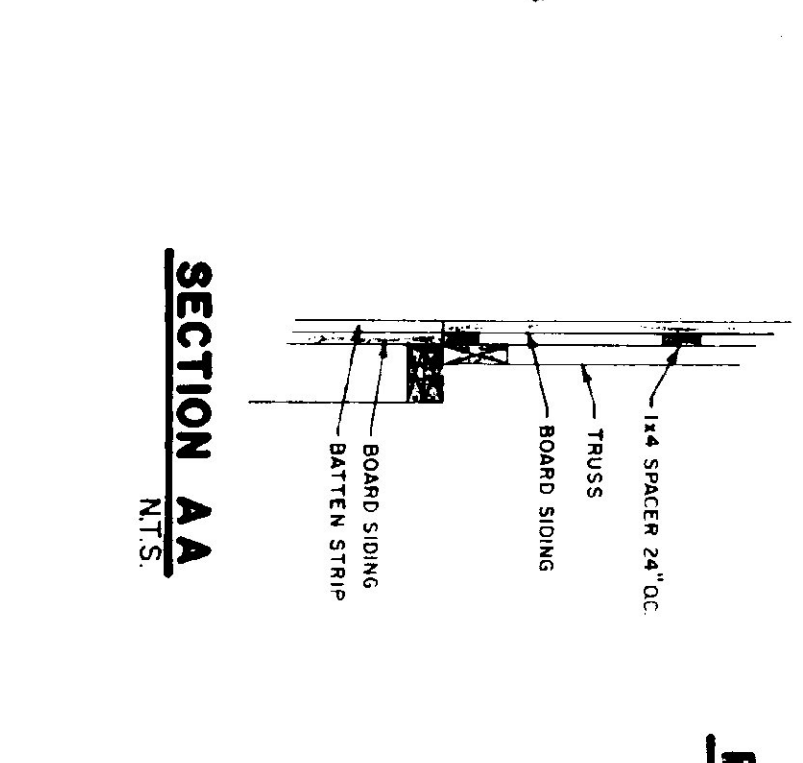


CONCRETE NOTES

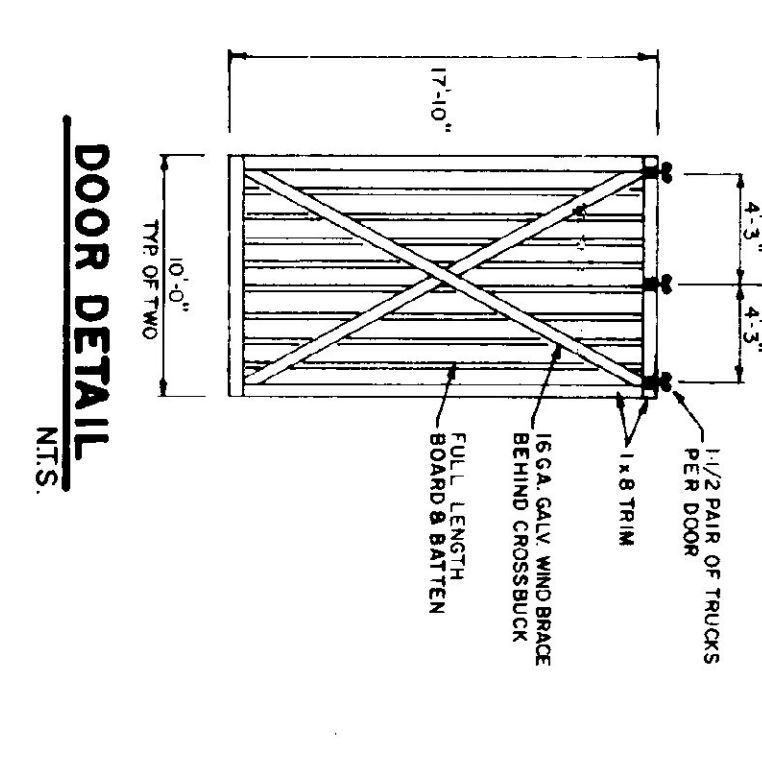
- ALL CONCRETE TO BE 3500 PSI AT 28 DAYS WITH MAXIMUM SLUMP OF 4"
- EXPOSED WALLS TO BE DRESS FINISH
- 1/2" V JOINTS REPOSED FACE OF CONST JOINTS
- 3/4" CHAMFER ON EACH FACE OF EXPANSION JOINTS
- 1. IRON CAST INTO WALL CORNERS AT DOOR OPENINGS
- RE BAR TO BE CONTINUOUS THROUGH CONST JOINTS
- NO HORIZONTAL CONST JOINTS IN WALLS, CONTINUOUS POUR
- NO CONST ON EXP JOINTS REQUIRED IN FOOTINGS
- ALL RE BAR TO BE GRADE 60
- CONTRACTOR TO LEAVE NO METAL WITHIN 1" OF SURFACE USE LEADER PLASTIC CONES AT ALL TIES AND PLUG ALL THE HOLES WITH AN APPROPRIATE NON SHRINK GROUT
- HE BAR TO BE STOKED ON BLOCKING 4' MIN ABOVE GROUND
- CONCRETE SUPPLIER TO PROVIDE TEST CYLINDERS FOR TESTING BY OWNER
- CONCRETE SUPPLIER TO CONDUCT ON SITE AIR TESTS



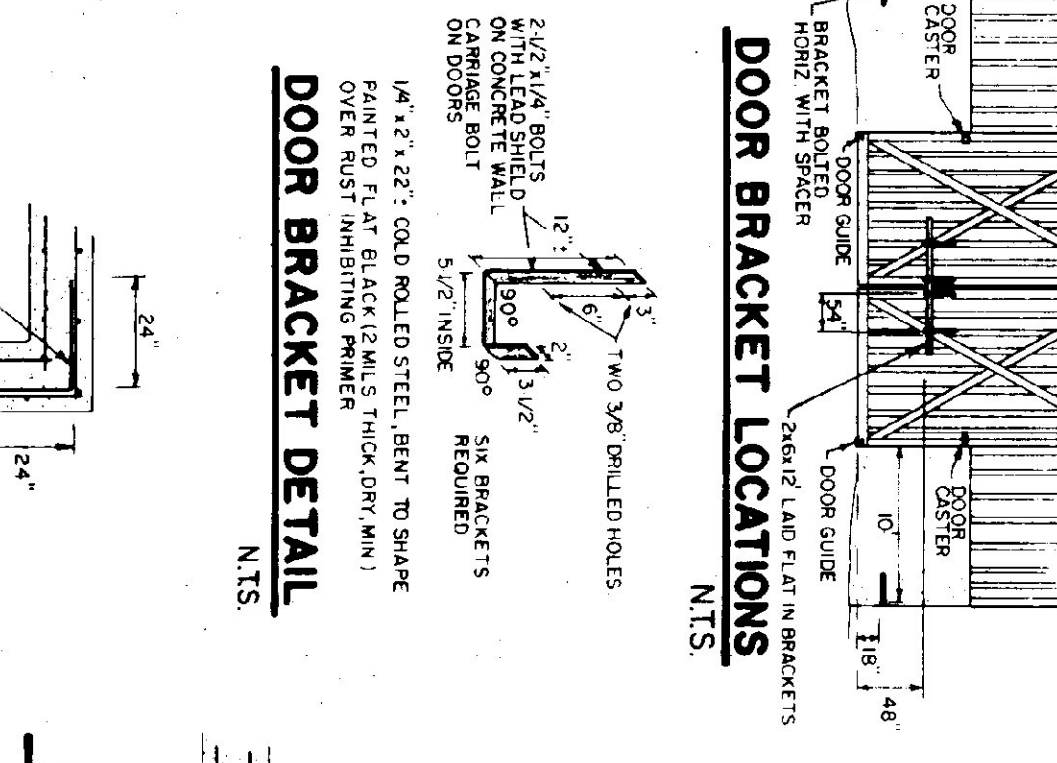
SECTION AA
NTS



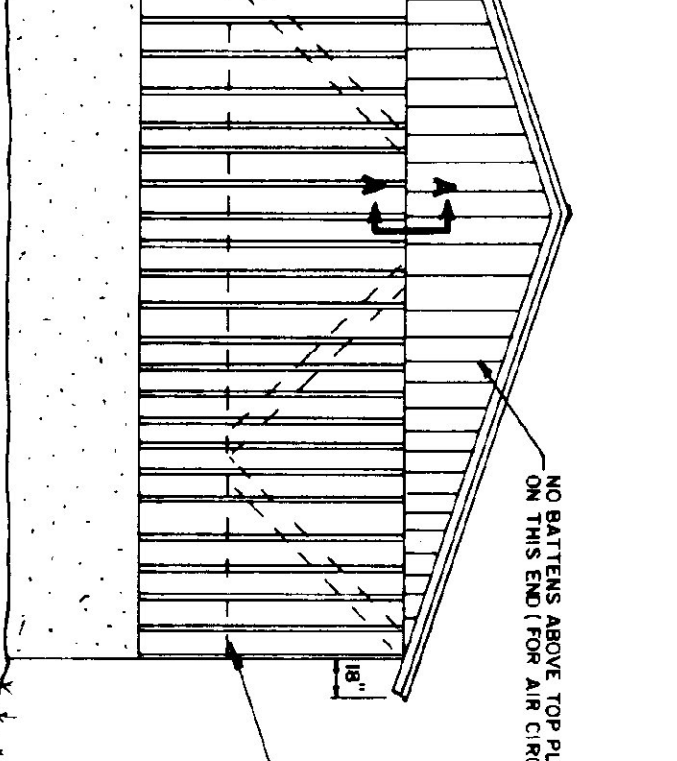
BACK ELEVATION
1/8"=1'-0"



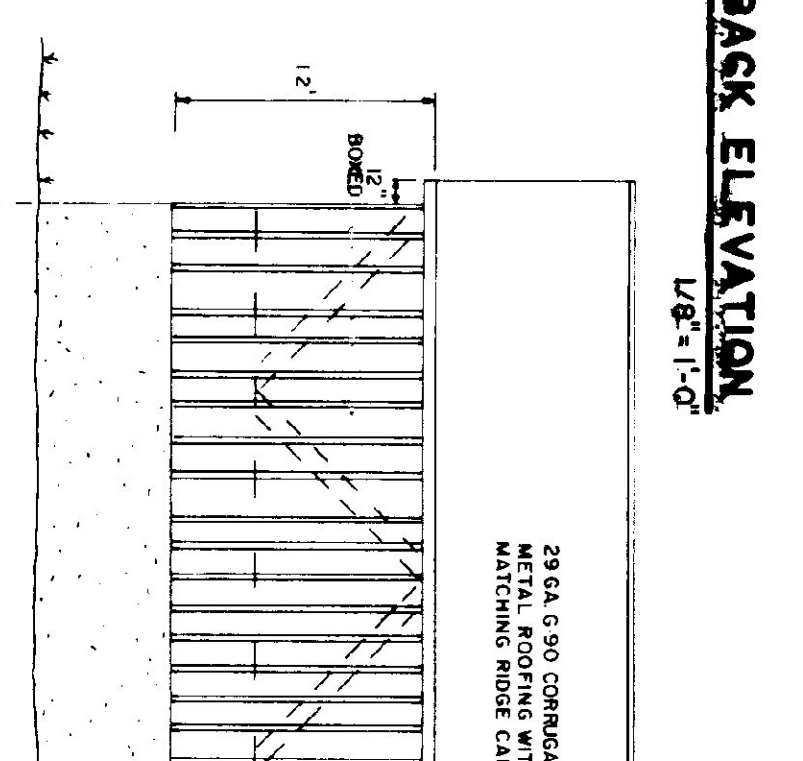
DOOR DETAIL
NTS



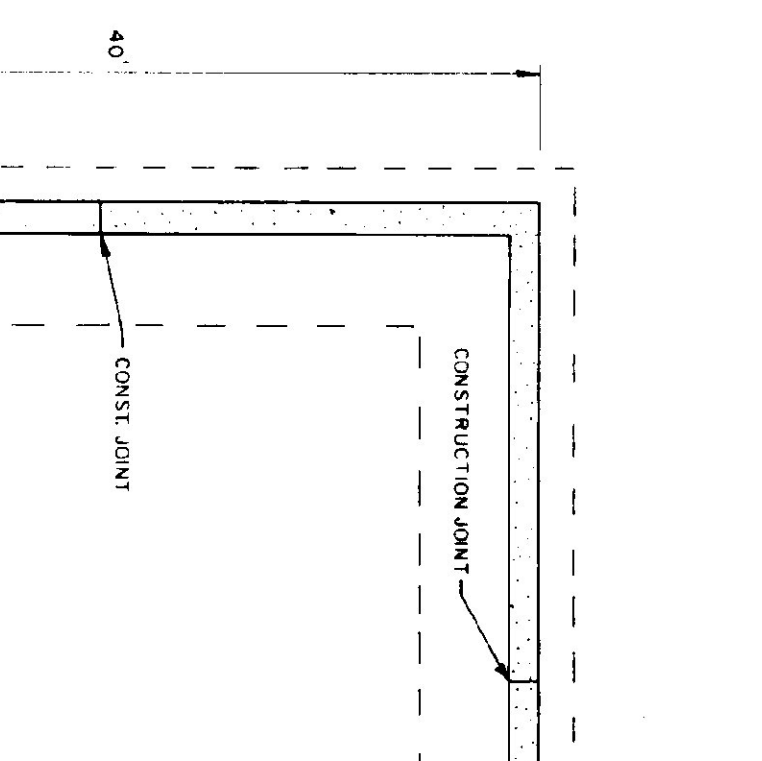
DOOR BRACKET LOCATIONS
NTS



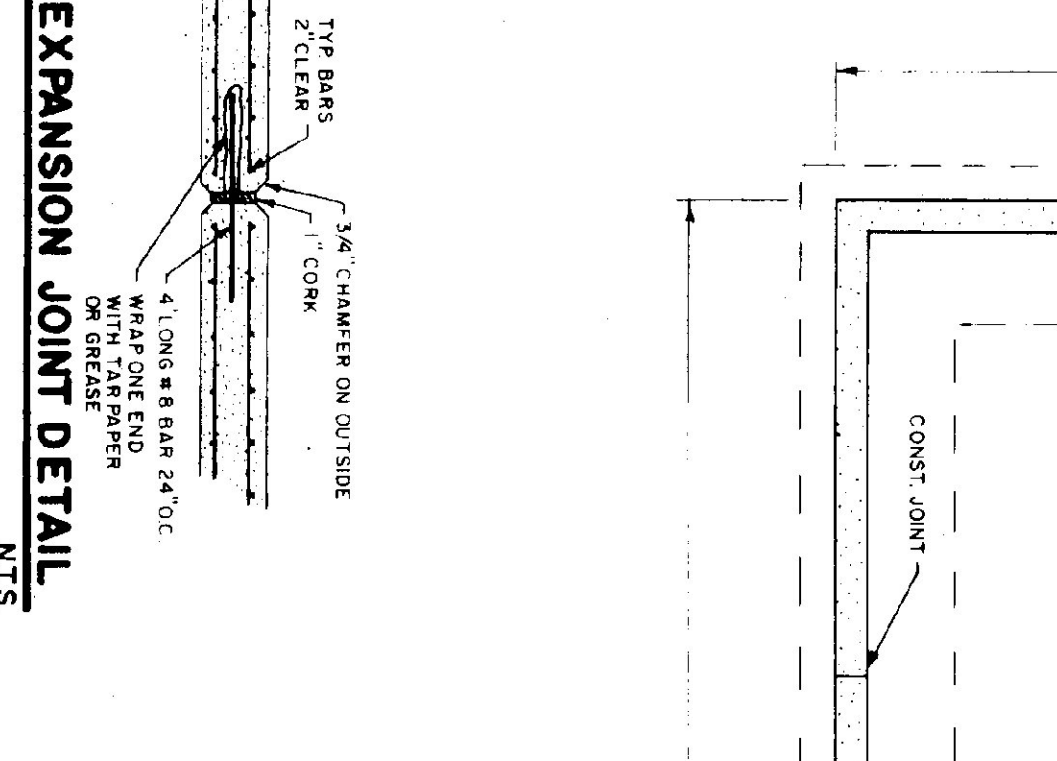
FRONT ELEVATION
1/8"=1'-0"



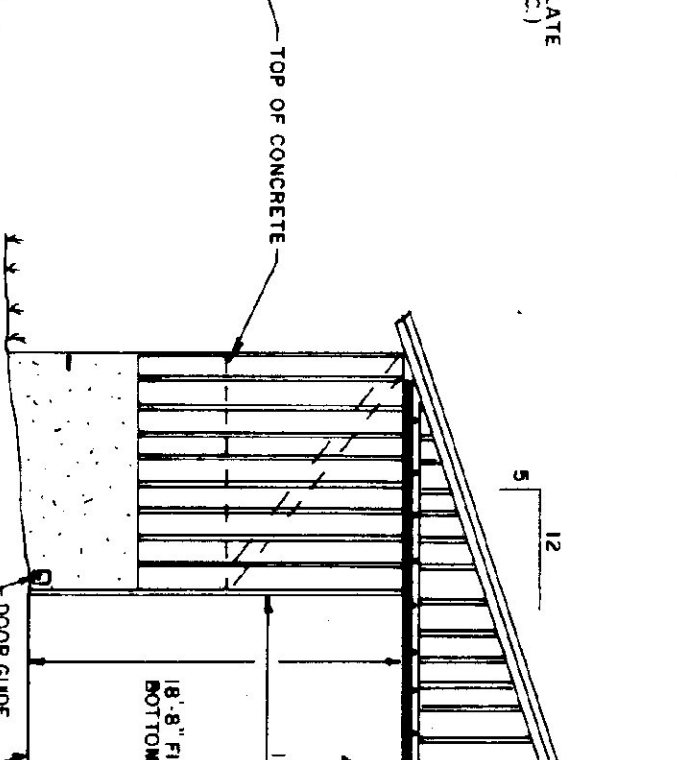
SIDE ELEVATION
1/8"=1'-0"



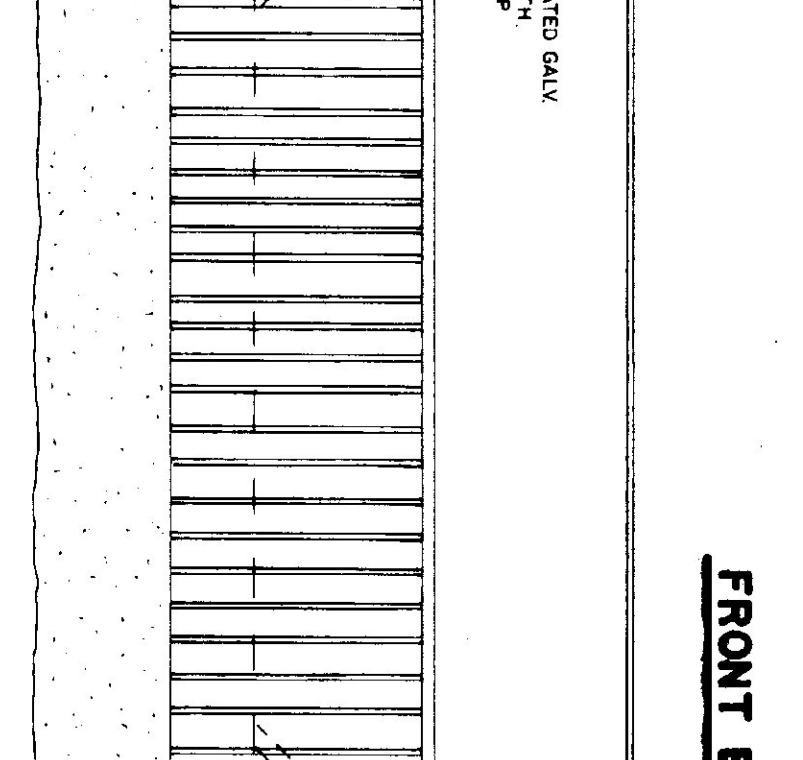
FOUNDATION PLAN
1/8"=1'-0"



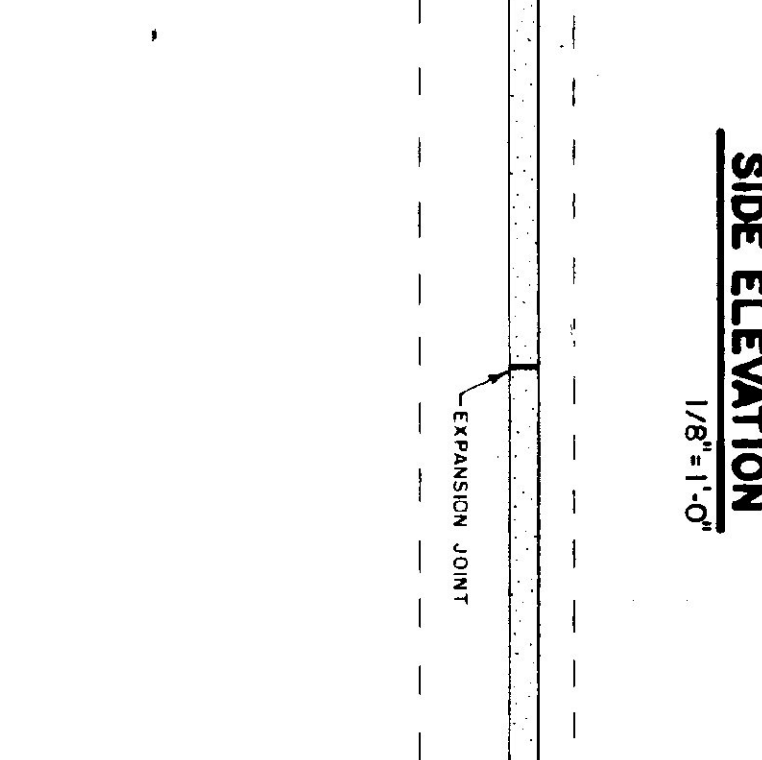
EXPANSION JOINT DETAIL
NTS



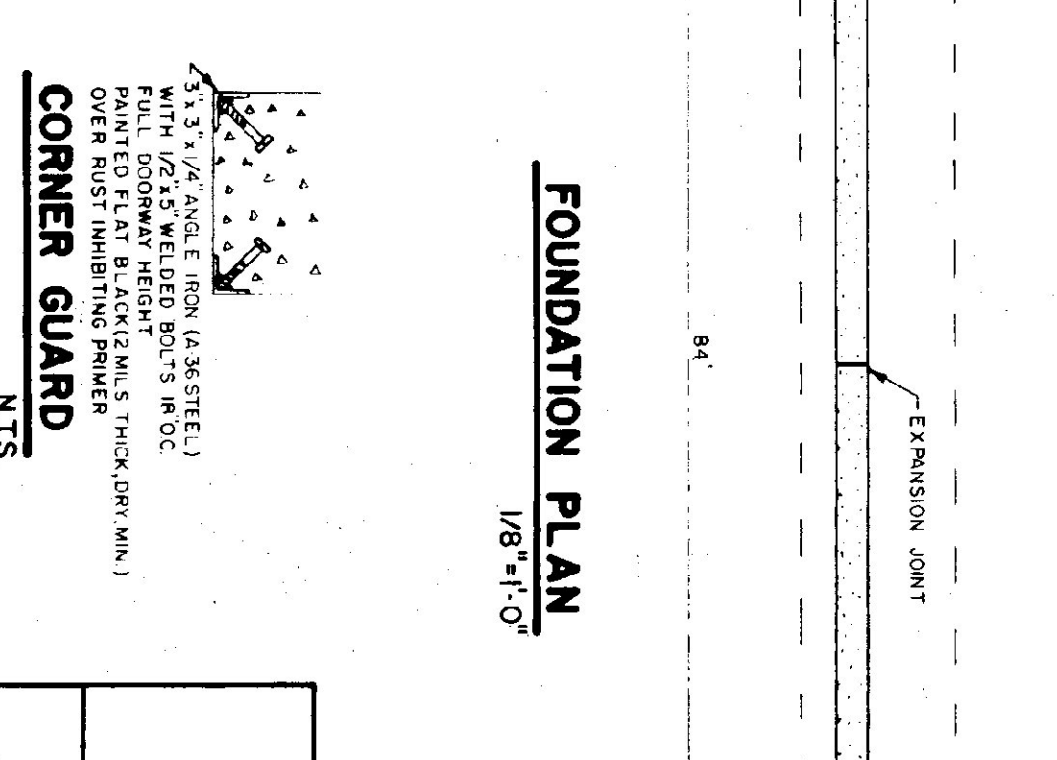
CORNER DETAIL
NTS



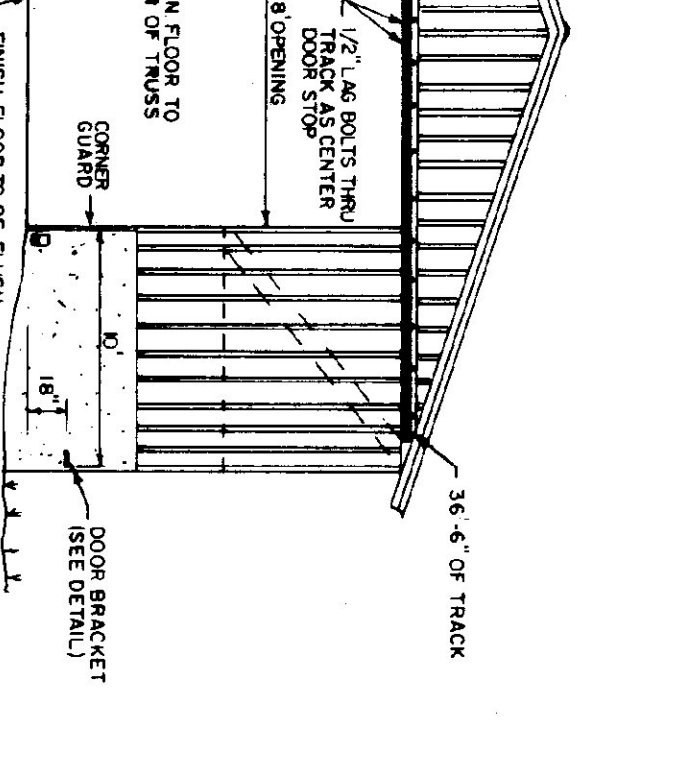
DOOR BRACKET DETAIL
NTS



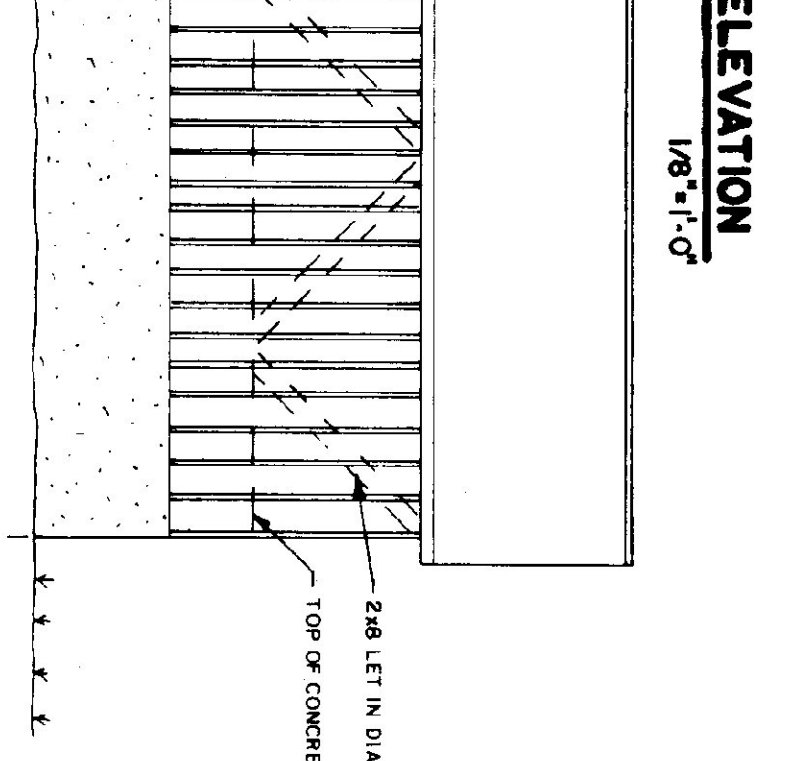
CORNER GUARD
NTS



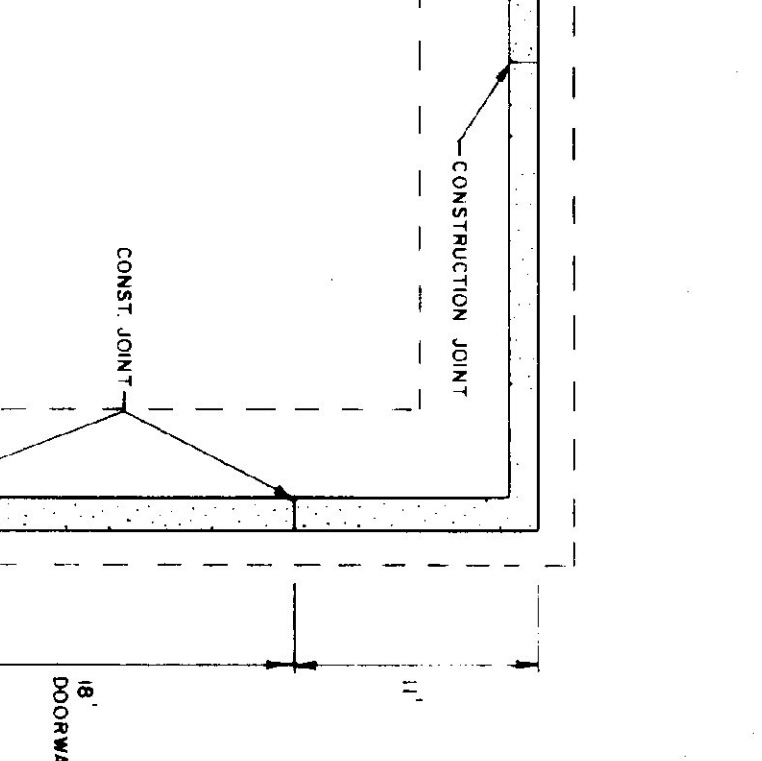
FOUNDATION PLAN
1/8"=1'-0"



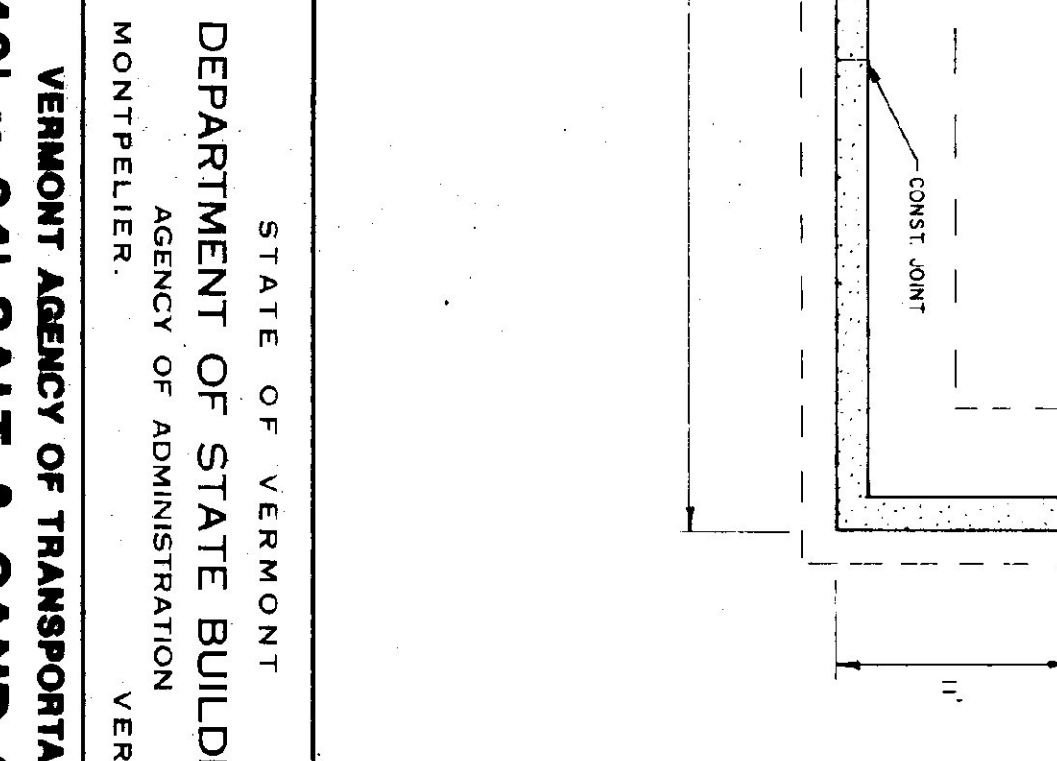
EXPANSION JOINT DETAIL
NTS



CORNER DETAIL
NTS



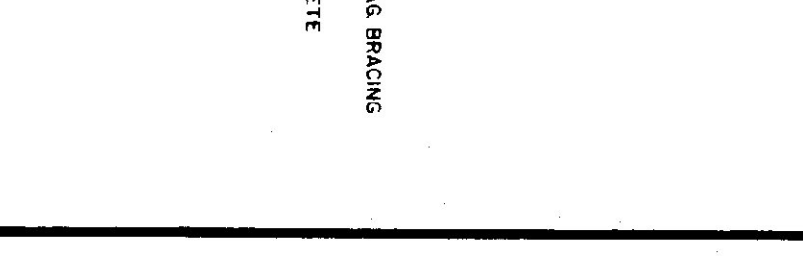
FOUNDATION PLAN
1/8"=1'-0"



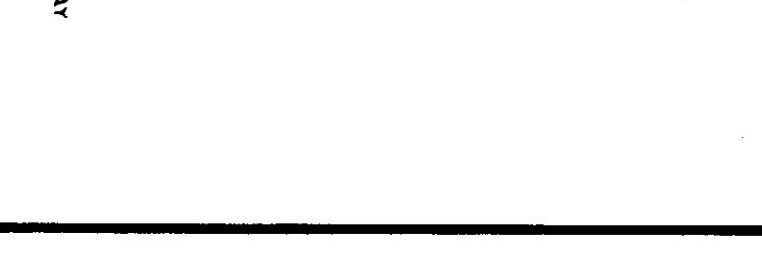
EXPANSION JOINT DETAIL
NTS



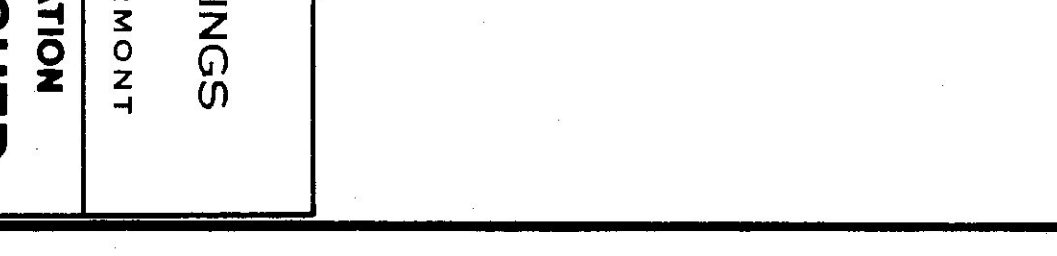
CORNER DETAIL
NTS



DOOR BRACKET DETAIL
NTS



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



EXPANSION JOINT DETAIL
NTS

CONSTRUCT TWO (ONE IS AN ALTERNATE)

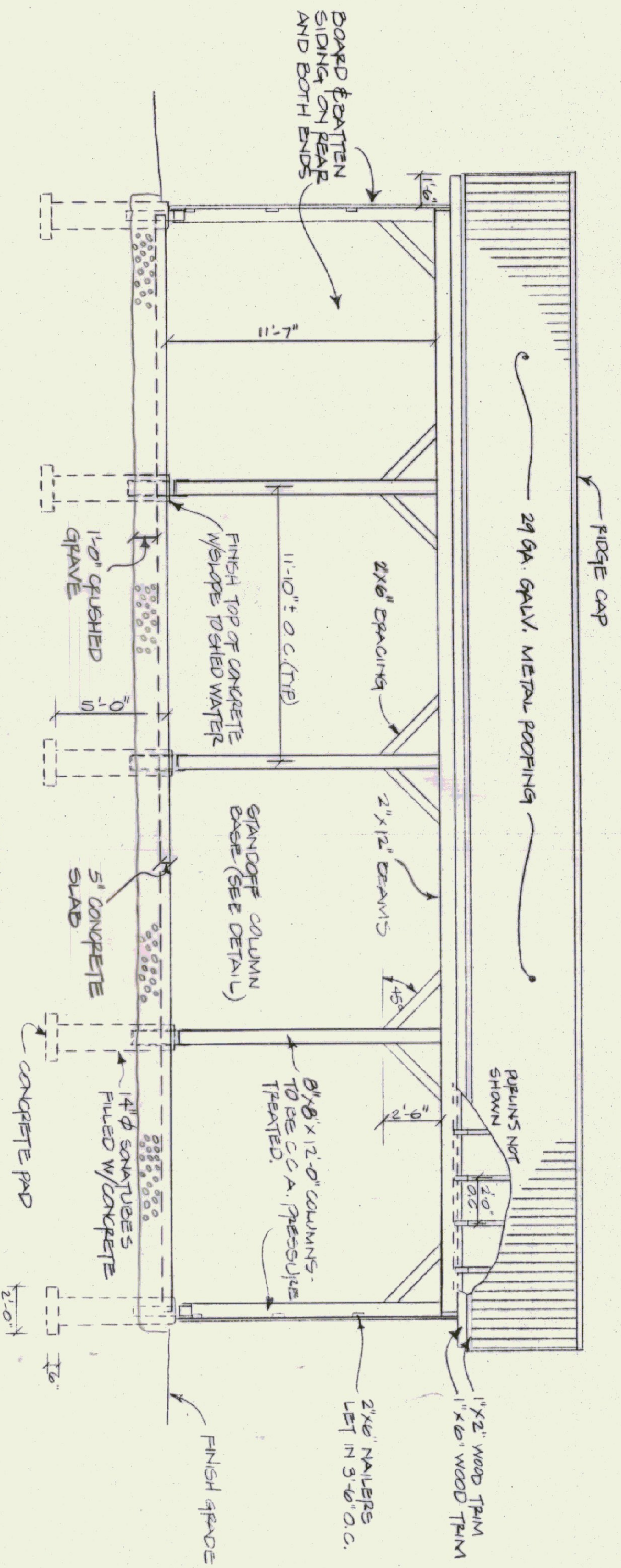
VERMONT AGENCY OF TRANSPORTATION
MONTPELIER, VERMONT

DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION

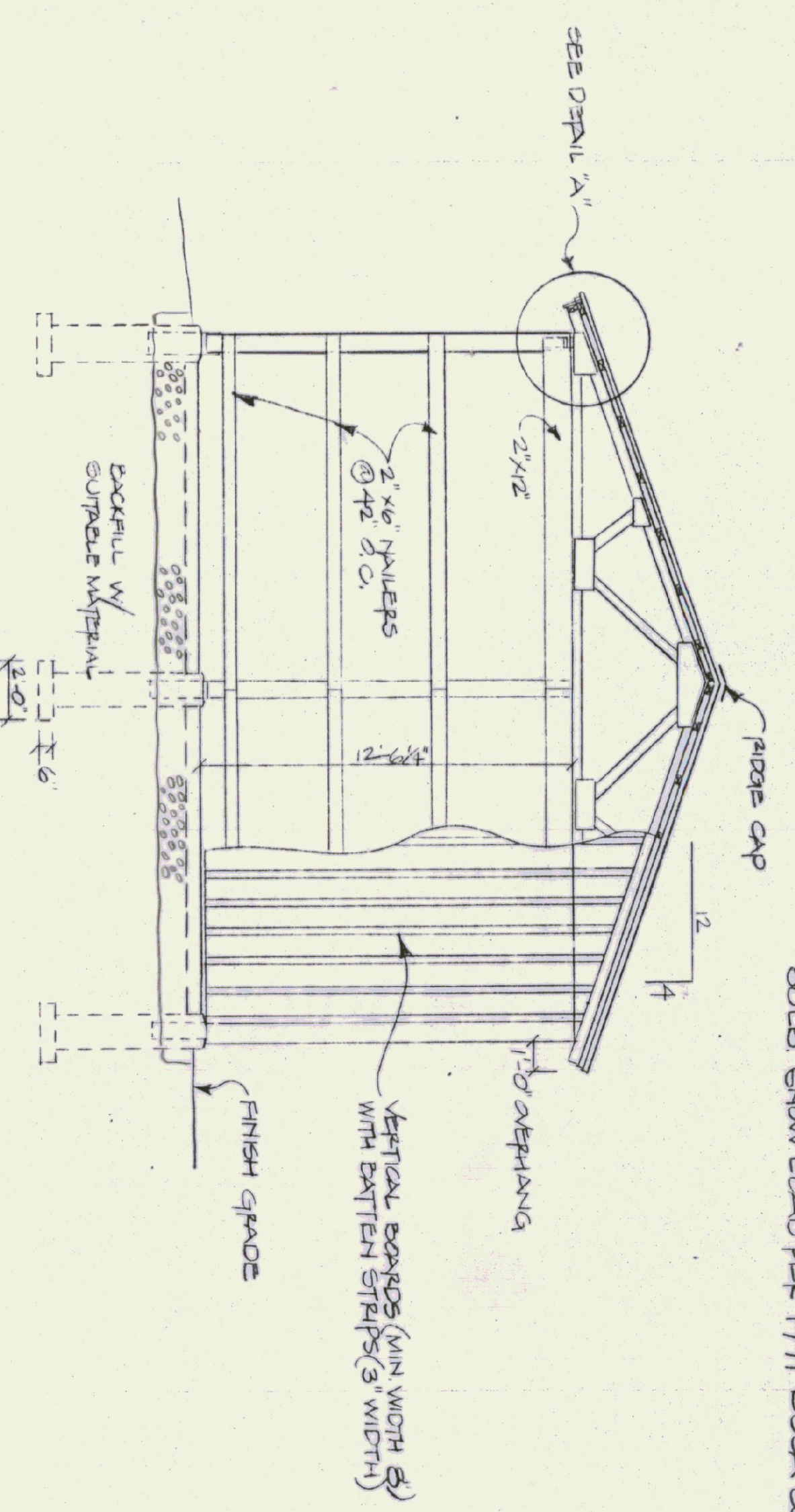
40' X 84' SALT & SAND SHED
6 BAY MAINTENANCE GARAGE

CLARENDON, VERMONT

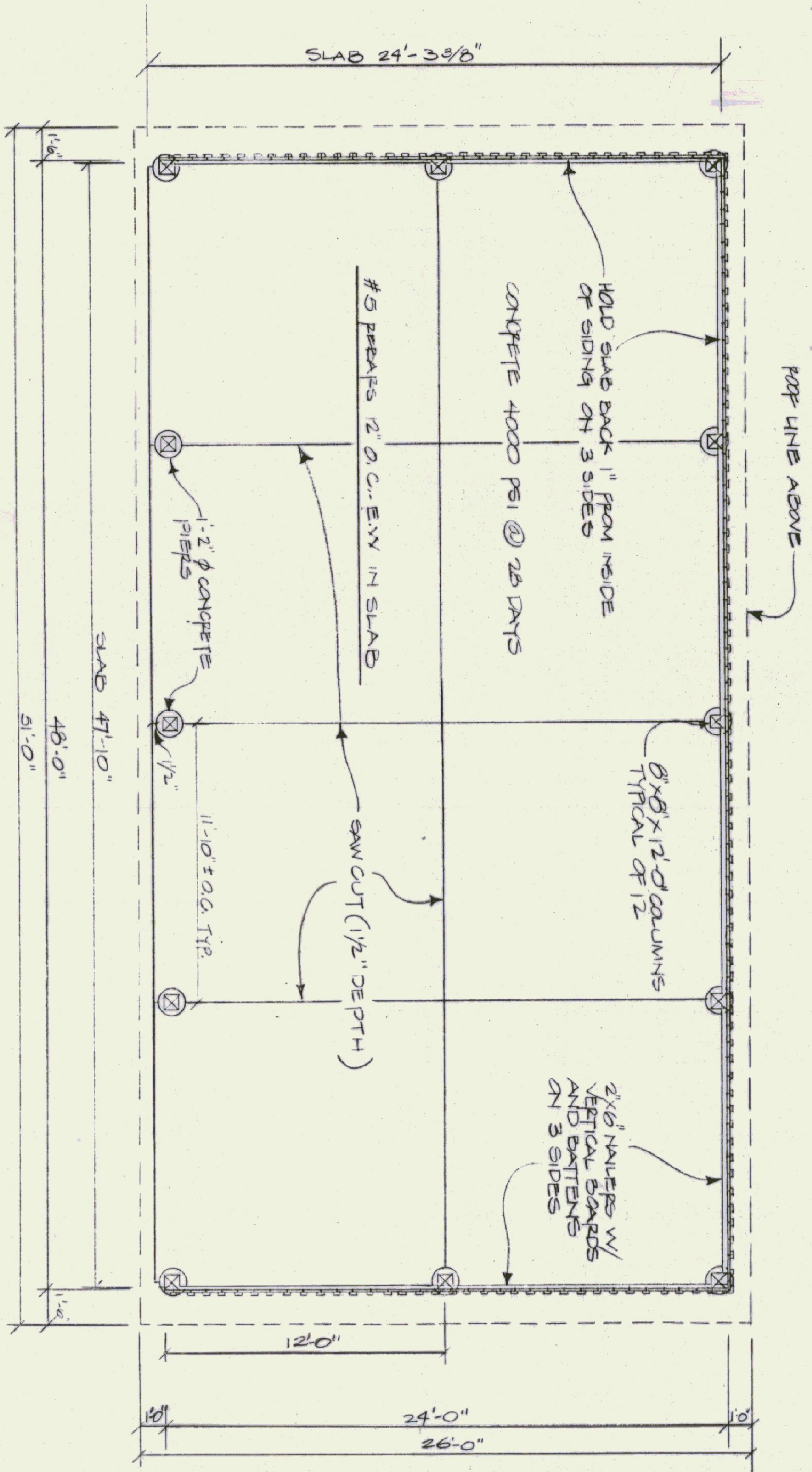
DATE	SCALE	DWG NO
APRIL 19, 1993	AS NOTED	SS-1
DRAWN BY	APPROVED BY	REVISIONS
S.K. JANAMCZ	[Signature]	22 OF 23



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



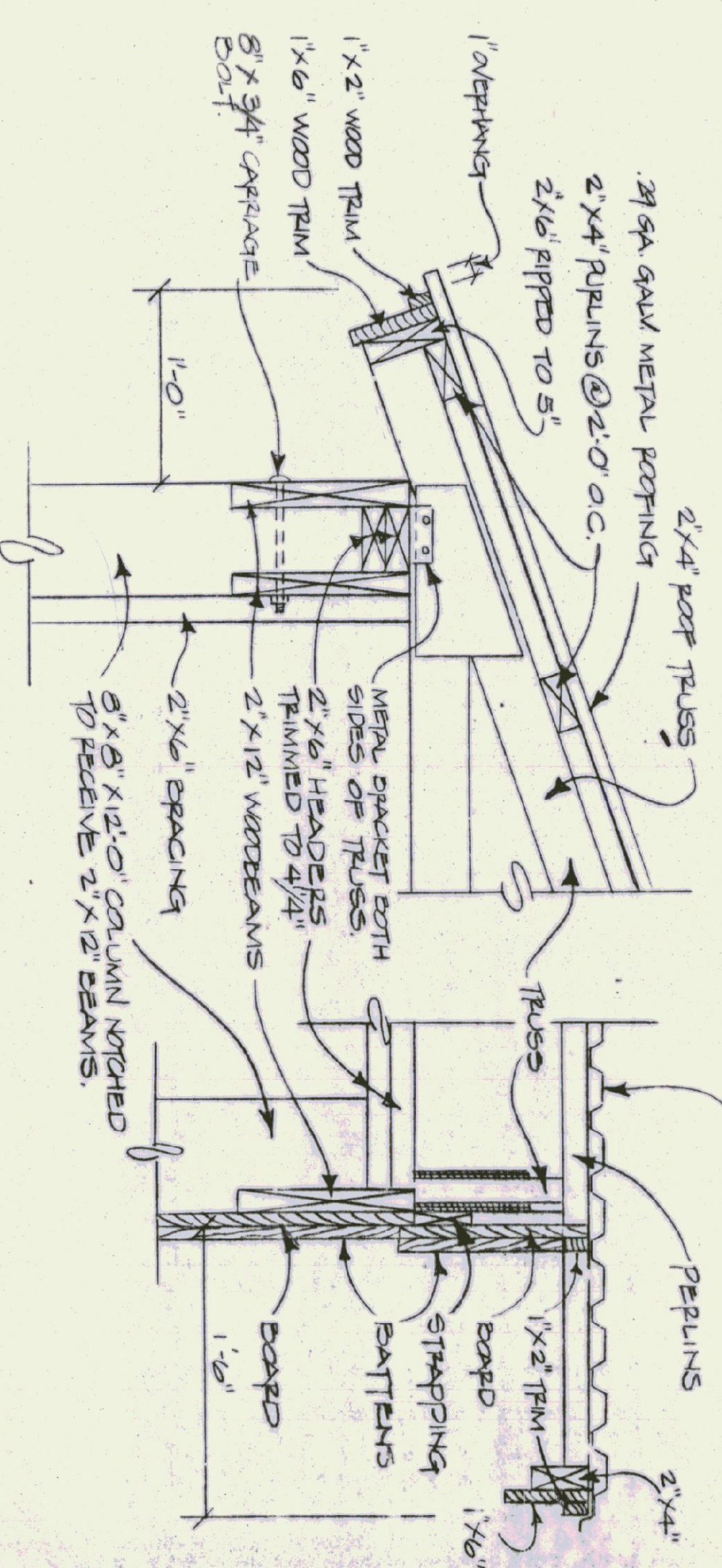
END ELEVATION
SCALE: 1/4" = 1'-0"



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

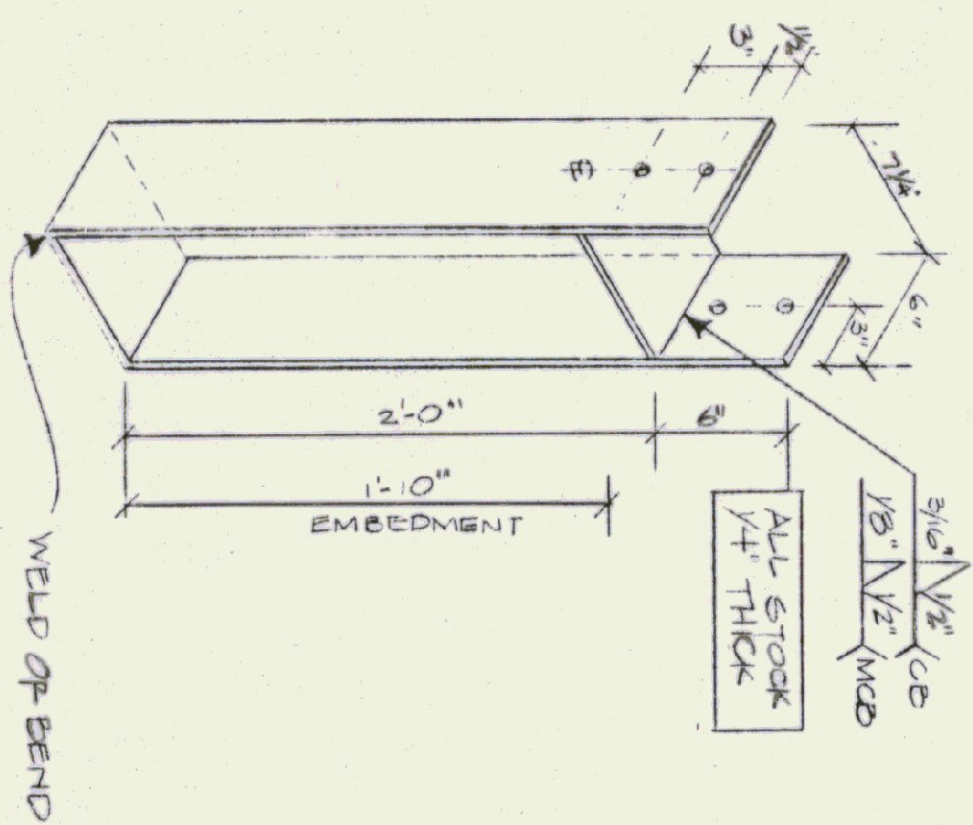
NOTE:
USE #5 REBARS @ 1'-0" O.C. E.W.
WITH 2" COVER.

SOLED SHOW LOAD PER 1991 BOCA CODE



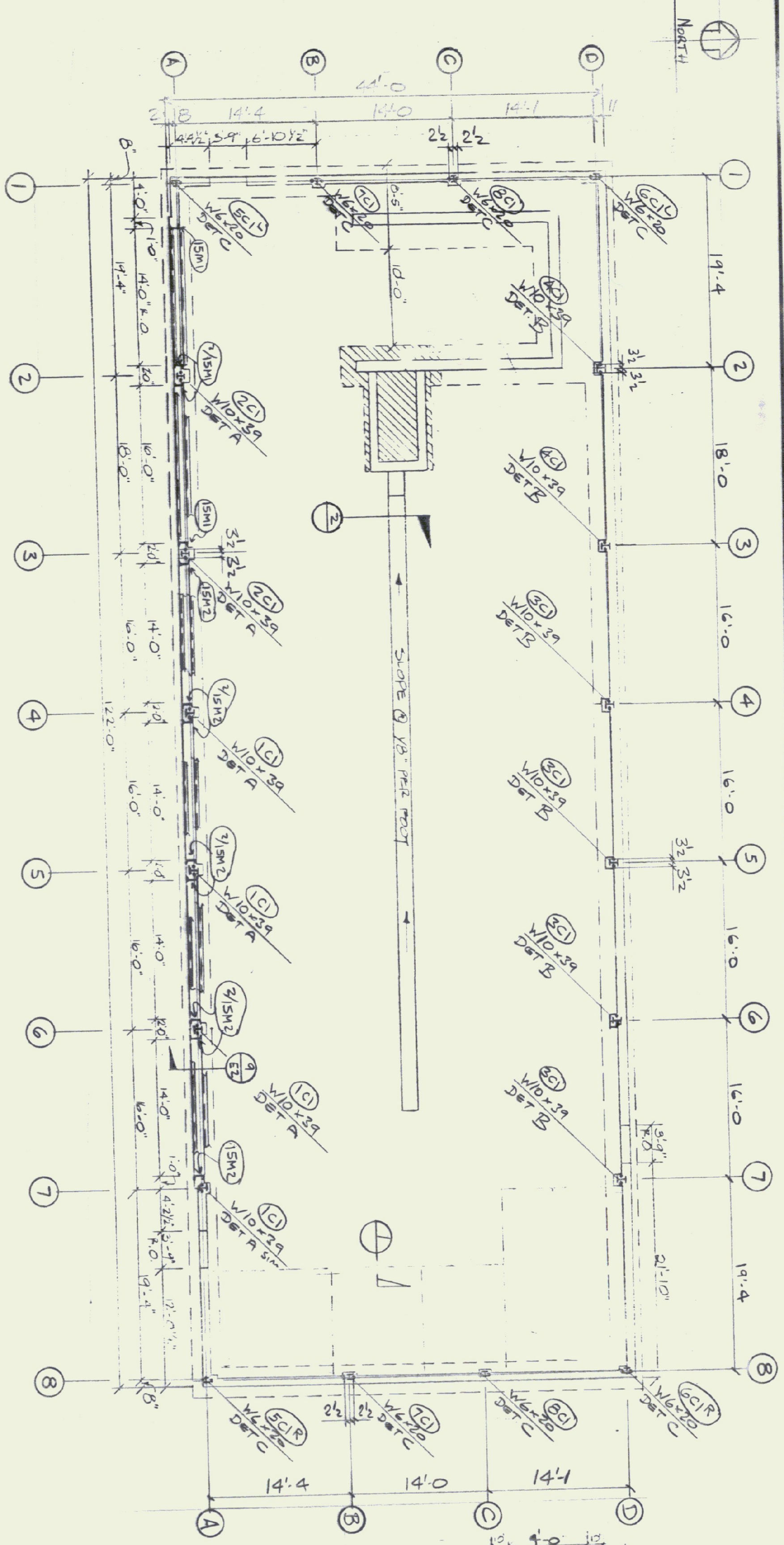
RAKE DETAIL
SCALE: 1-1/2" = 1'-0"

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

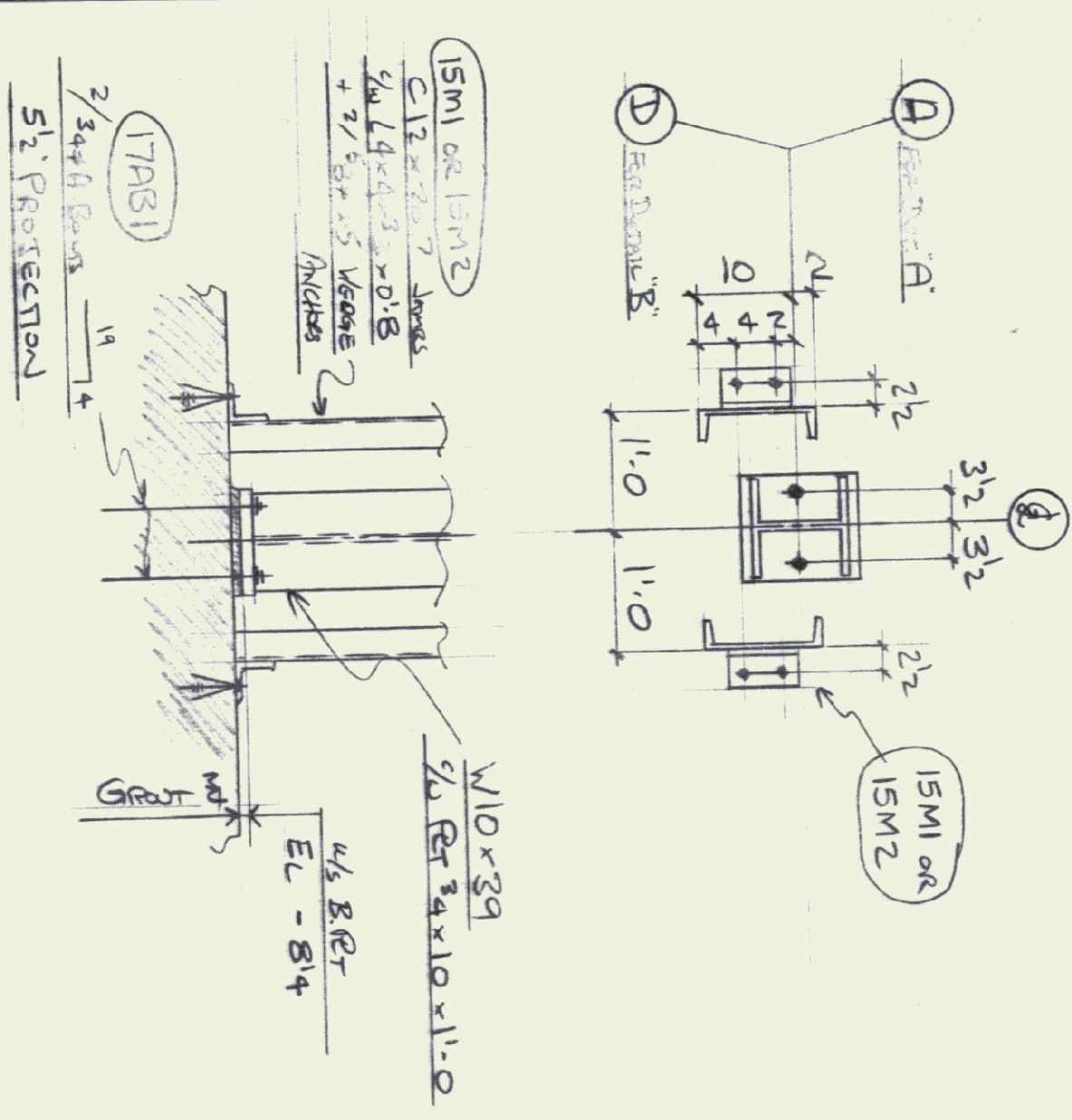


ONE REQUIRED

STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS AGENCY OF ADMINISTRATION MONTPELIER, VERMONT		VERMONT DWM NO. CSS-1	
VERMONT AGENCY OF TRANSPORTATION 24' x 48' COLD STORAGE SHED W/SLAB 6 BAY MAINTENANCE GARAGE		VERMONT DWM NO. CSS-1	
CLARENDON, DATE: APRIL 19, 1993 DRAWN BY: A. POULIN	SCALE: AS NOTED APPROVED BY: [Signature]	REVISIONS:	DWG NO. CSS-1
			23 OF 23

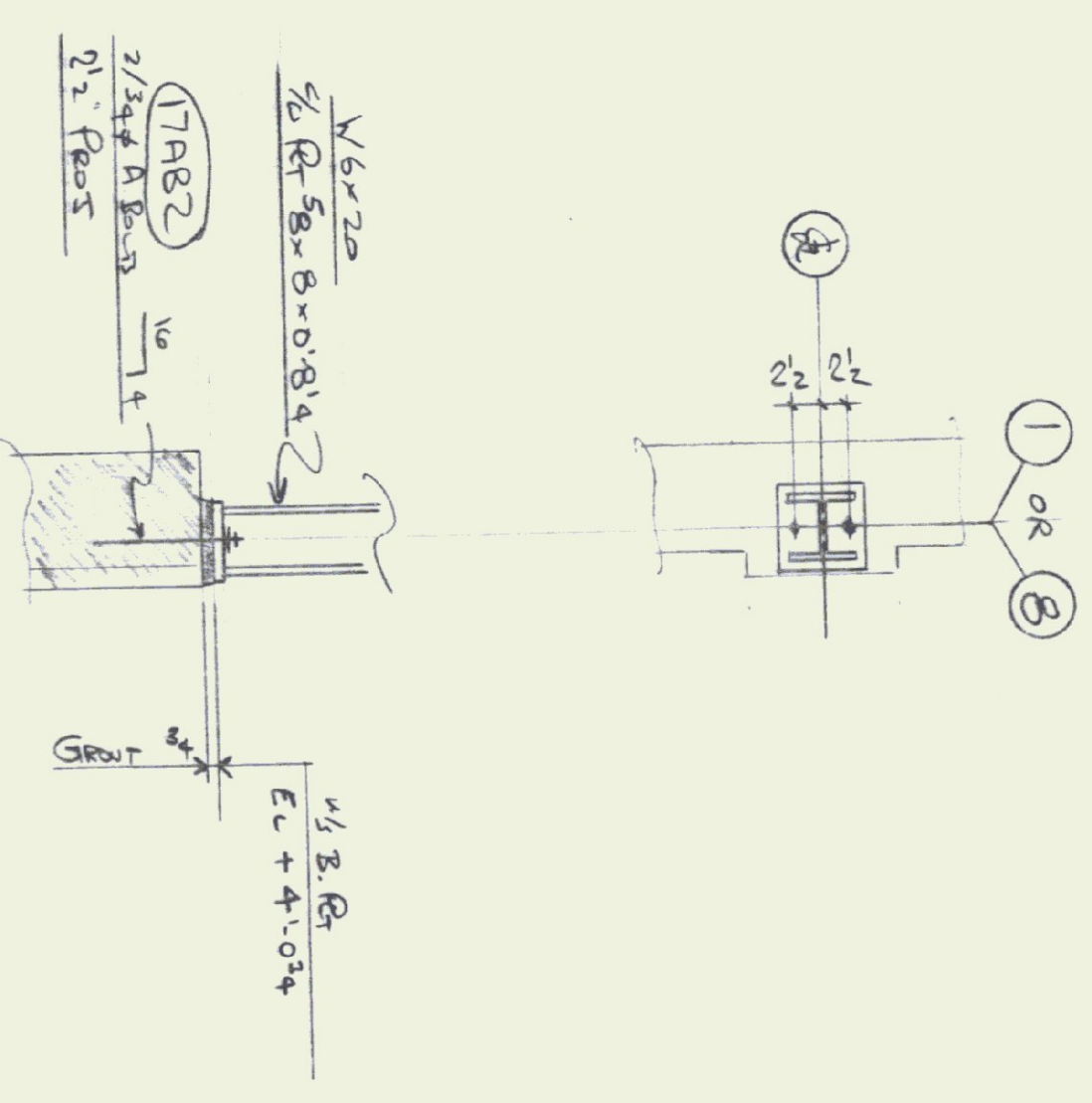


ANCHOR SETTINGS PLAN

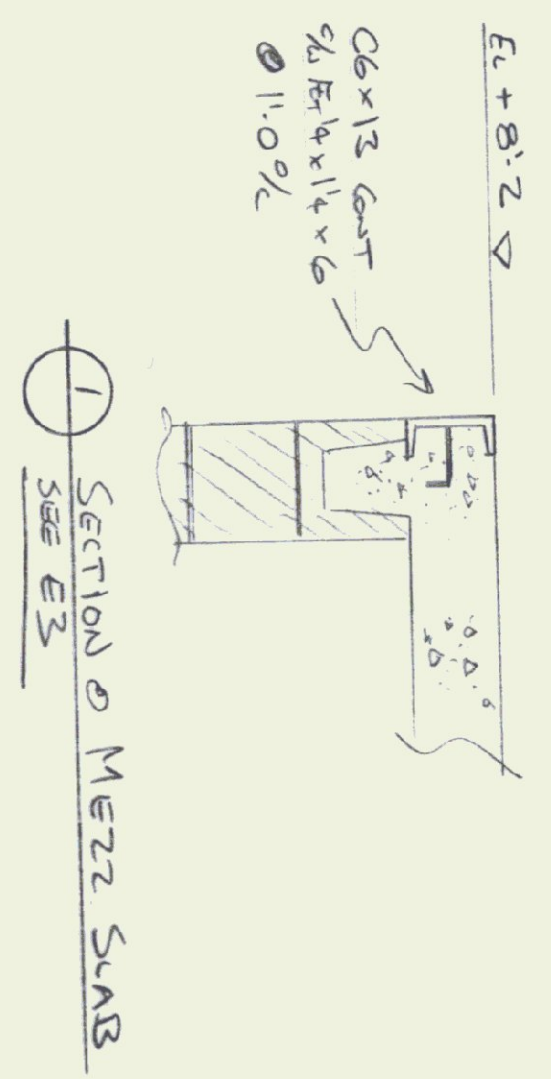


DETAIL "A"

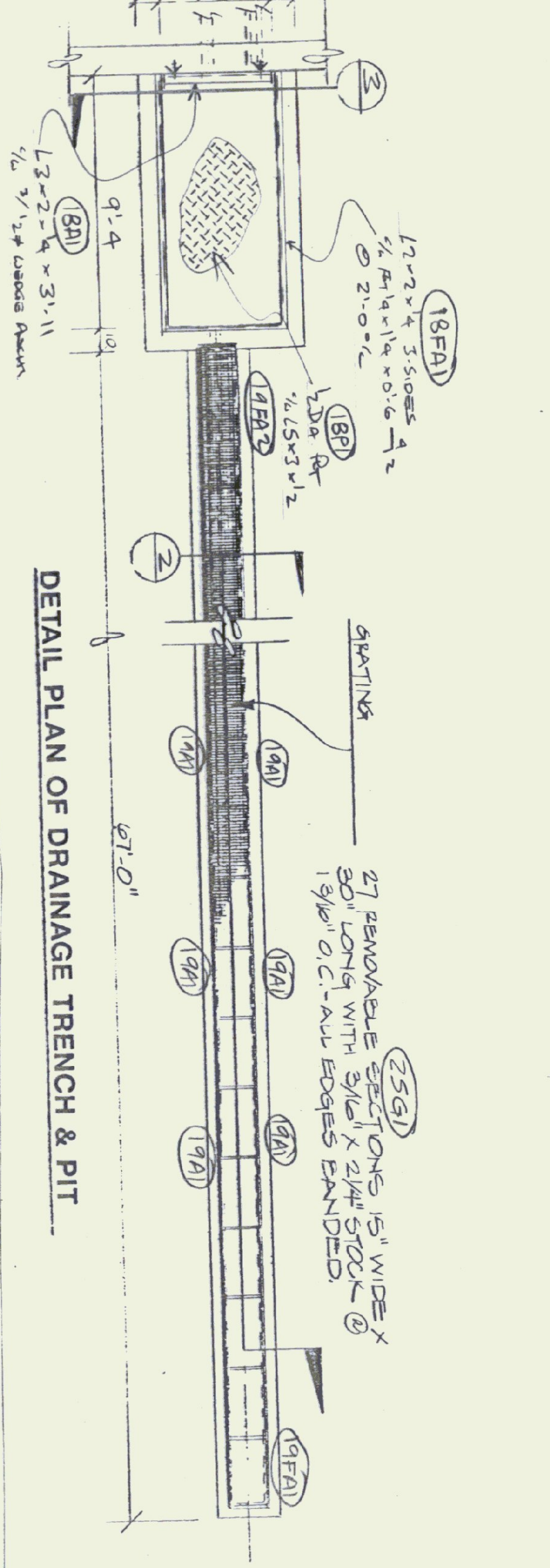
DETAIL "B" SIM EXCEPT
NO DOOR JAMBS



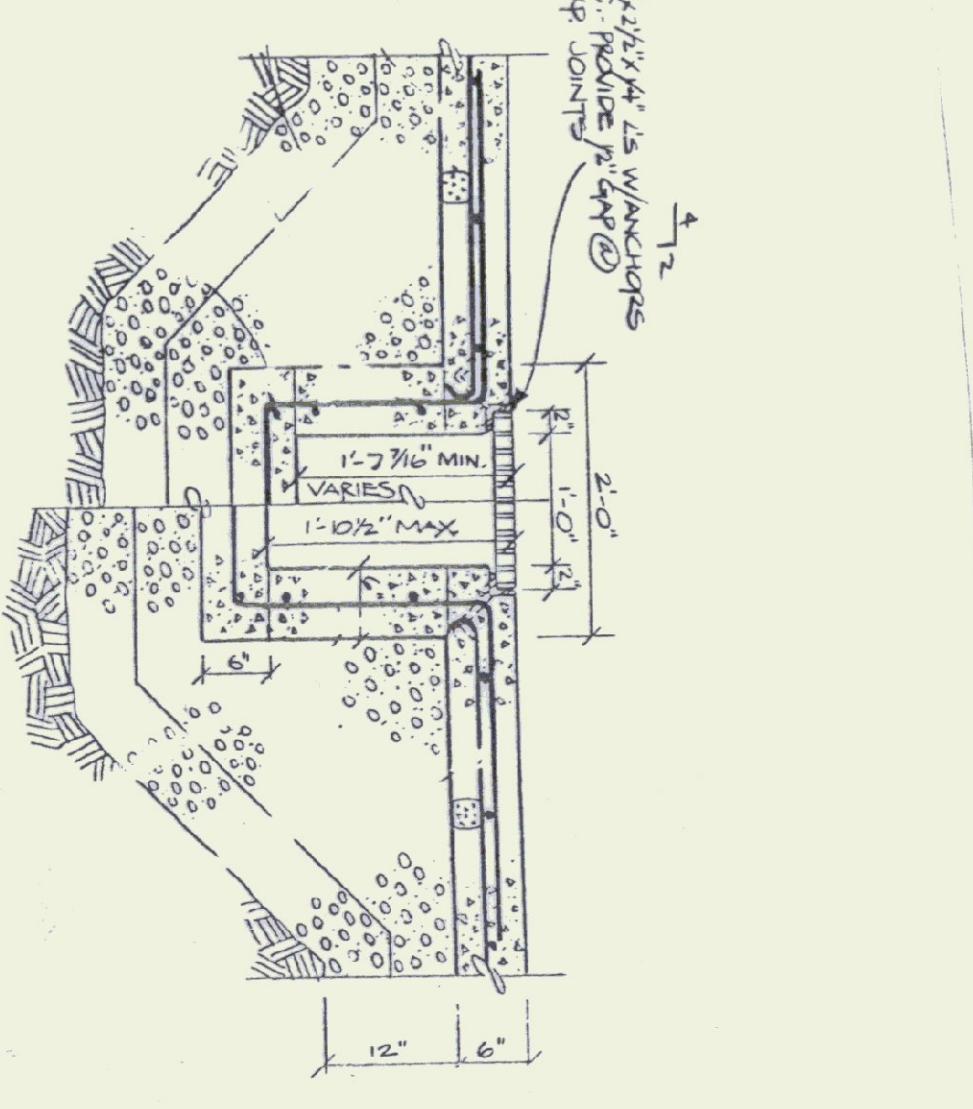
DETAIL "C"



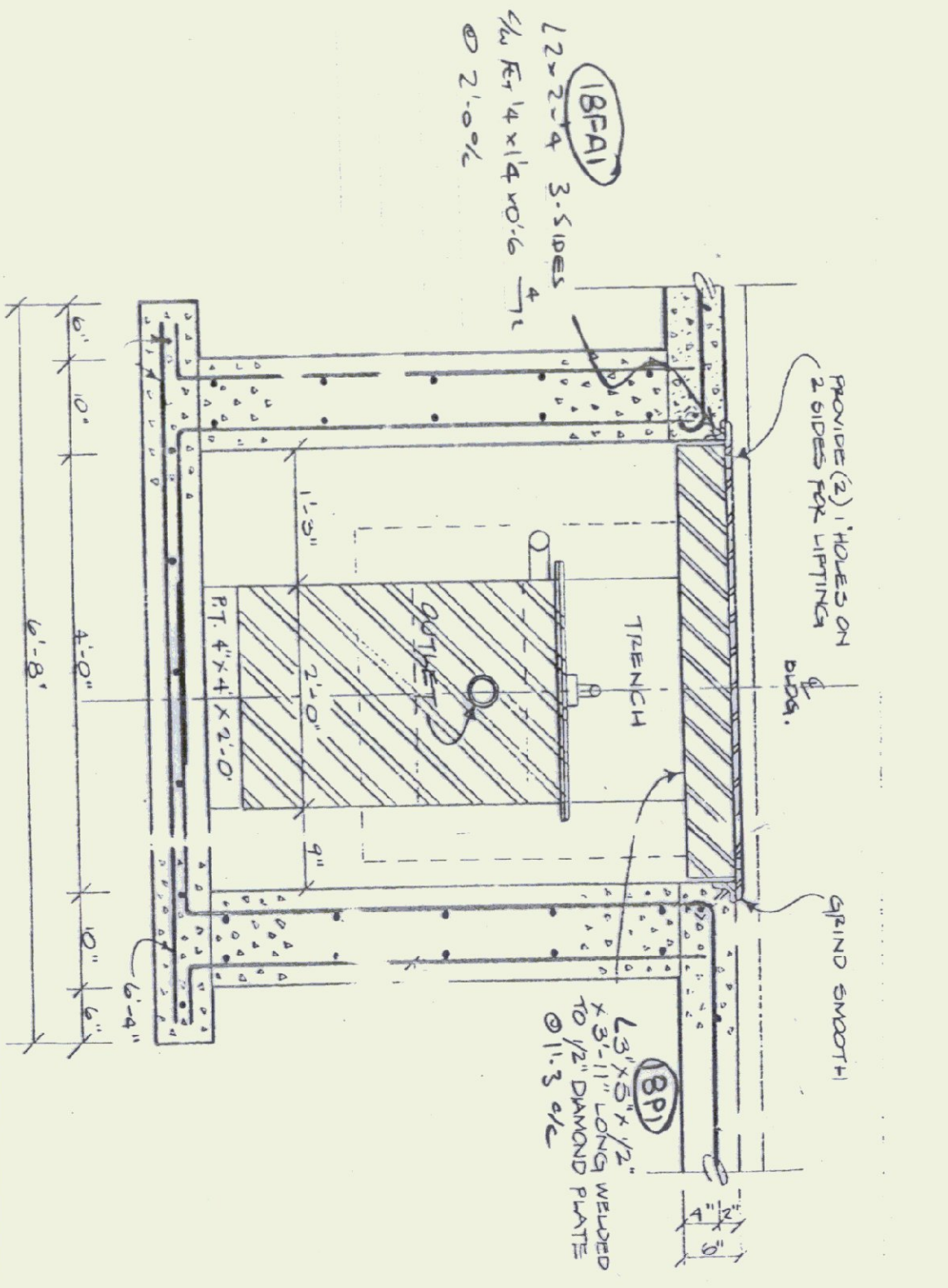
SECTION @ MEZZ SLAB



DETAIL PLAN OF DRAINAGE TRENCH & PIT



SECTION @ DRAINAGE TRENCH



SECTION @ OIL INTERCEPTOR

NO.	DATE	BY	REVISION
1	8-24-93	MARSH	ISSUE FOR PERMIT

MATERIAL	QUANTITY
FIELD BOLTS	
HOLDS	

RELIANCE STEEL
 892-655-4810
 62 Oak Circle Drive
 Colchester, VT, 05446
 FAX 802-655-8952

RECEIVED
 AUG 25 1993
 TRUCKEE RES. INC.

CUSTOMER: TAGGART Bros.
 CONTRACT: CARENDRON MAINT GARAGE
 DETAIL: A. R. Burt + EMBED LAYOUT
 JOB NO.: 526
 SHEET NO.: E1 OF 2

IMPORTANT
 RECOMMENDATIONS FOR HANDLING AND ERECTING
 OPEN WEB STEEL JOISTS
 FOLLOW THESE RECOMMENDATIONS FOR BETTER AND SAFER
 CONSTRUCTION

- (1) Check quantities and condition of joists and accessories on arrival. NOTE ON THE DELIVERY TICKETS ANY SHORTAGES OR DISCREPANCIES. We will not be liable for shortages not so noted.
- (2) WHEN UNLOADING BY CRANE ALWAYS HOOK CHAINS OR SLINGS TO TOP OF BOTTOM CHORDS, PREFERABLY AT JOIST'S NOT TO WEB MEMBERS. Use blocking if needed to prevent damage to joists.
- (3) Store joists on wooden skids and in a vertical position. Skids should be at least 12" apart. Do not use concrete blocks or other heavy joists if more than one layer is required. Cover joists to protect the prime coat if they are not to be erected immediately.
- (4) Erection should be done only with plans noted. FINAL PLANS FOR FIELD USE. Standard and longspan joists should be aligned properly before completely welding or bolting bridging and completing the attachment of end bearing seats to supports. BRIDGING CABLES FOR LONG SPANS SHALL NOT BE RELEASED UNTIL ONE BRIDGING LINE BEARST MID-SPAN HAS BEEN INSTALLED ON SPANS UP TO 60 FEET. TWO LINES ON SPANS BETWEEN 60 FEET AND 100 FEET FOR SPANS OVER 100 FEET ALL LINES MUST BE INSTALLED BEFORE RELEASING HOIST BRIDGING CABLES. End bearing seats and bays if needed to prevent lateral displacement during installation of bridging. Bottom chord bearing joists shall also be braced at ends until all bridging is installed and permanent lateral stability is provided.
- (5) DO NOT APPLY ANY LOADS TO JOISTS UNTIL ALL BRIDGING IS COMPLETELY INSTALLED. Do not walk on bridging deck or centering on joists after the installation of all bridging stack as close as possible to walls or beams using several smaller stacks instead of fewer large stacks. Use extreme care to avoid overloading the joists.
- (6) Metal deck or centering must provide the required lateral support for the joists. Follow the manufacturer's recommendations for installation of deck or centering.
- (7) Northland Steel Corp. must be notified at once if joists and accessories cannot be erected according to latest plans.
- (8) NORTHLAND STEEL CORP. WILL NOT BE RESPONSIBLE FOR ANY FIELD REPAIRS OR CHANGES MADE WITHOUT JOINT CONSULTATION.
- (9) DO NOT COMPLETELY RELEASE JOISTS TO BEARING SUPPORTS UNTIL ALL BRIDGING IS INSTALLED AND JOISTS ARE FULLY SECURED TO BEARING SUPPORTS. Do not attempt to align or straighten joists in groups after installation of bridging and permanent attachment to bearing supports has been made.
- (10) DO NOT WALK ERECTED JOIST UNTIL SOME PROVISION HAS BEEN MADE TO KEEP JOIST FROM OVERTURNING.
- (11) Northland Steel Corp. joists and joist girders are fabricated to meet the erection requirements of the Occupational Safety and Health Act. FIELD COMPLIANCE WITH THIS ACT IS NECESSARY.
- (12) No provisions will be made for the attachment of materials of other trades unless specifically stated as part of Northland Steel Corp. contract.

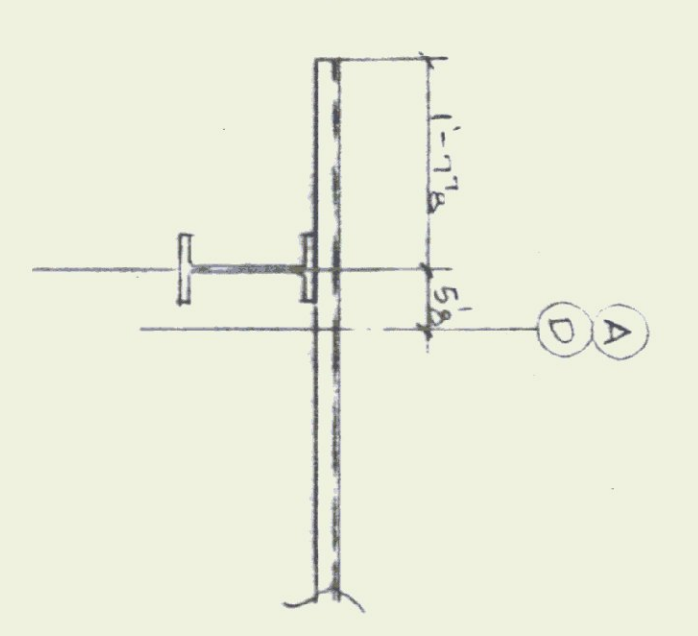
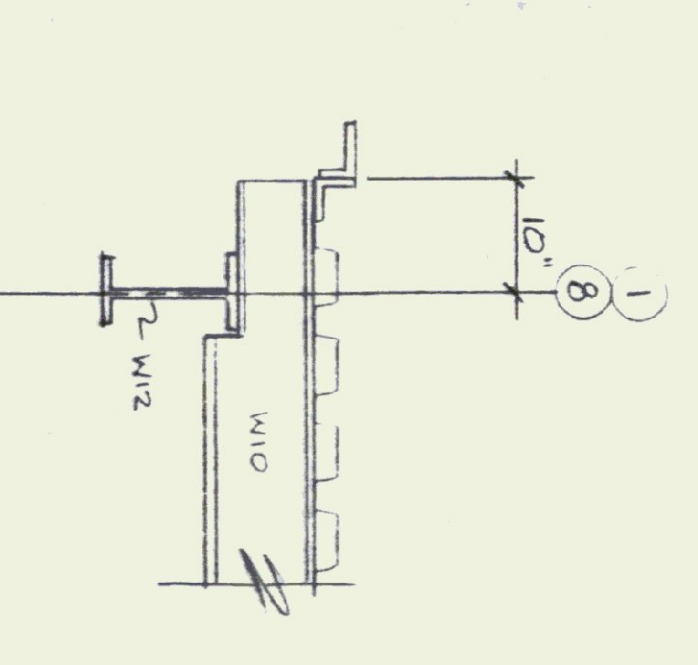
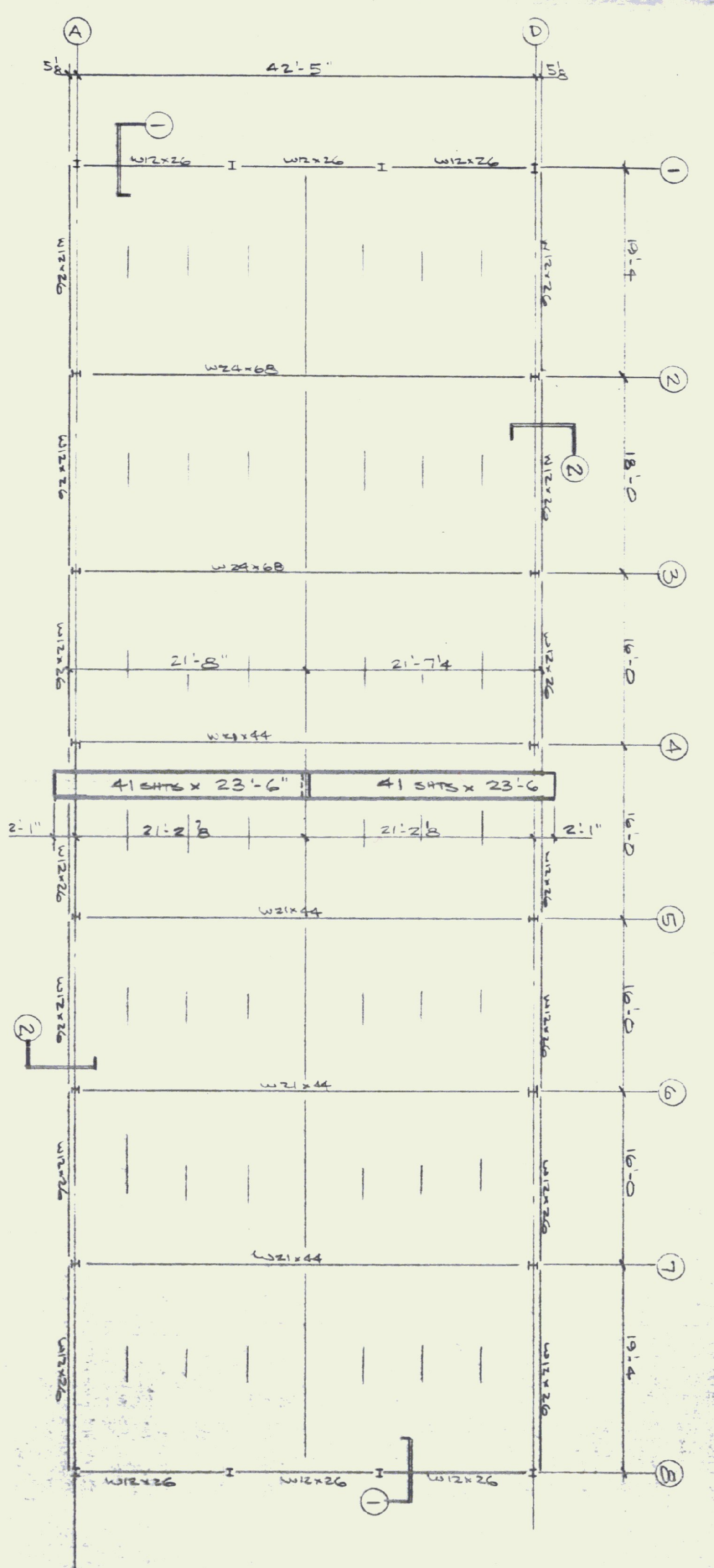
NOTES

1. ALL SHORT SPAN AND LONG SPAN JOISTS ARE COMPLETED IN ACCORDANCE WITH S.I. STANDARD UNLESS OTHERWISE NOTED.
 2. JOIST CHORDS ARE NOT DESIGNED FOR CONCENTRATED LOADS EITHER PLACED AT POINTS OF LOAD OR FIELD WELD AN EXTRA MEMBER FROM POINT OF LOAD TO NEAREST PANEL POINT ON POSITIVE CHORD AT NO EXPENSE TO NORTHLAND STEEL CORP.
 3. CEILING EXTENSIONS ARE NOT FURNISHED.
 4. PAINT LONG SPANS - ONE SHOP COAT
 5. PAINT SHORT SPANS - ONE SHOP COAT
 6. BRIDGING -
 7. BRIDGING -
 8. PLACE TAGGED END OF JOIST WHERE INDICATED THIS
 9. ALL HORIZONTAL BRIDGING SHIPPED IN 20' 0" LENGTHS STANDARD 6" LAP
 10. FLOOR DECK - GA 30" COVER
- MANUFACTURED BY: GA 30" COVER
 TYPE: B FINISH: GALVANNEDED
 MANUFACTURED BY: ROBE DECK INS.

FASTEN DECK TO ALL SUPPORTS
 @ 12" OC WITH W 5/8" RODS WELDS
 FASTEN SICE LABS BETWEEN
 SUPPORTS w/ ONE #10-16 3/4" TIE



RELIANCE STEEL, INC.
 RECEIVED
 AUG 24 1993



SECTION 1

SECTION 2

DATE	REVISIONS	CHECK

NORTHLAND CONSTRUCTION PRODUCTS TELEPHONE (800) 854-0044
 STEEL CORP. 148 PARK ST. - N. BREADING, MA.

PROJECT: CLARENDON VERMONT
 CUSTOMER: RELIANCE STEEL

ARCHIT: OR ENG R DATE: 8/20/93 CHKD. BY: DATE

DRAWN BY: 33-122 SHT. NO. 01 OF 1

15-A618 @ 12" F.F. DWLS.
 31-A611-10 @ 12" N.E.F.F.
 13-A616 @ 12" N.F.H.
 13-A617 @ 12" F.F.H.

21-A618 @ 12" F.F. DWLS.
 43-A611-10 @ 12" N.E.F.F.
 13-A614 @ 12" N.F.H.
 13-A615 @ 12" F.F.H.

21-A618 @ 12" F.F. DWLS.
 43-A611-10 @ 12" N.E.F.F.
 13-A614 @ 12" N.F.H.
 13-A615 @ 12" F.F.H.

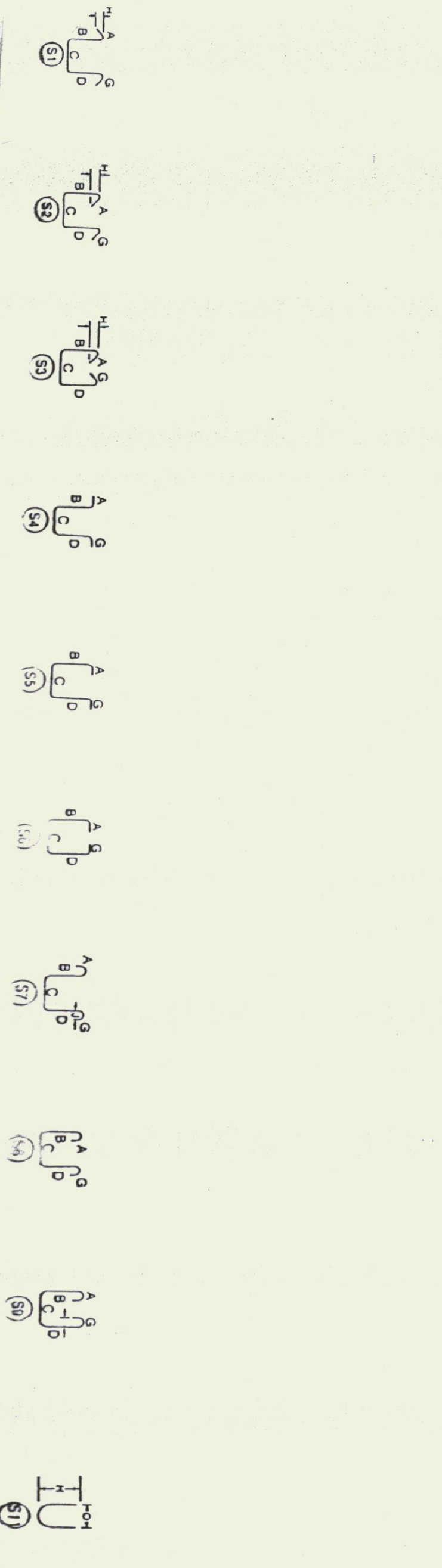
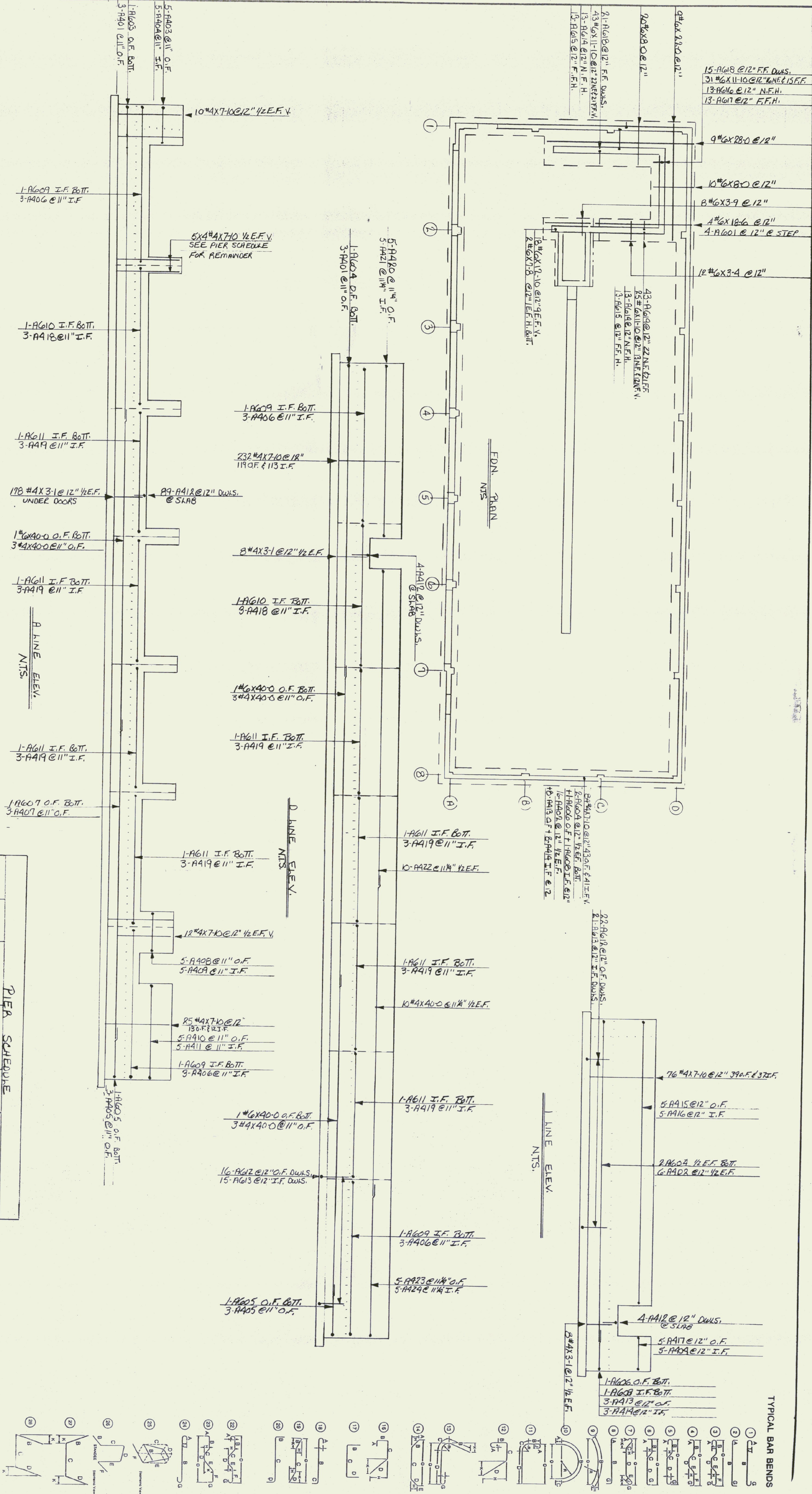
43-A618 @ 12" N.E.F.F.
 85-A611-10 @ 12" N.E.F.F.
 13-A614 @ 12" N.F.H.
 13-A615 @ 12" F.F.H.

21-A618 @ 12" F.F. DWLS.
 43-A611-10 @ 12" N.E.F.F.
 13-A614 @ 12" N.F.H.
 13-A615 @ 12" F.F.H.

21-A618 @ 12" F.F. DWLS.
 43-A611-10 @ 12" N.E.F.F.
 13-A614 @ 12" N.F.H.
 13-A615 @ 12" F.F.H.

1-A606 O.F. Bot.
 1-A608 I.F. Bot.
 3-A613 @ 12" O.F.
 3-A614 @ 12" I.F.

TYPICAL BAR BENDS



PIER SCHEDULE

MARK	QTY.	LOCATION	FTES.	DWLS.	VEAT.	TIES.
6A	2	0-1, 0-8	6# 5x12 @ 10"	4# A602	4# 6x7-10	4# A304
6B	6	0-2, 3, 4, 5, 6, 7	4# 5x12 @ 10"	4# A602	4# 6x3-1	4# A301
6C	4	0-2, 3, 4, 5, 6, 7	6# 5x12 @ 10"	4# A602	4# 6x7-10	4# A303
6D	2	A-1, A-8	4# 5x12 @ 10"	4# A602	4# 6x7-10	4# A305
6E	5	A-2, 3, 4, 5, 6	4# 5x12 @ 10"	4# A602	4# 6x3-1	4# A301
6F	1	A-7	4# 5x12 @ 10"	4# A602	4# 6x7-10	4# A301

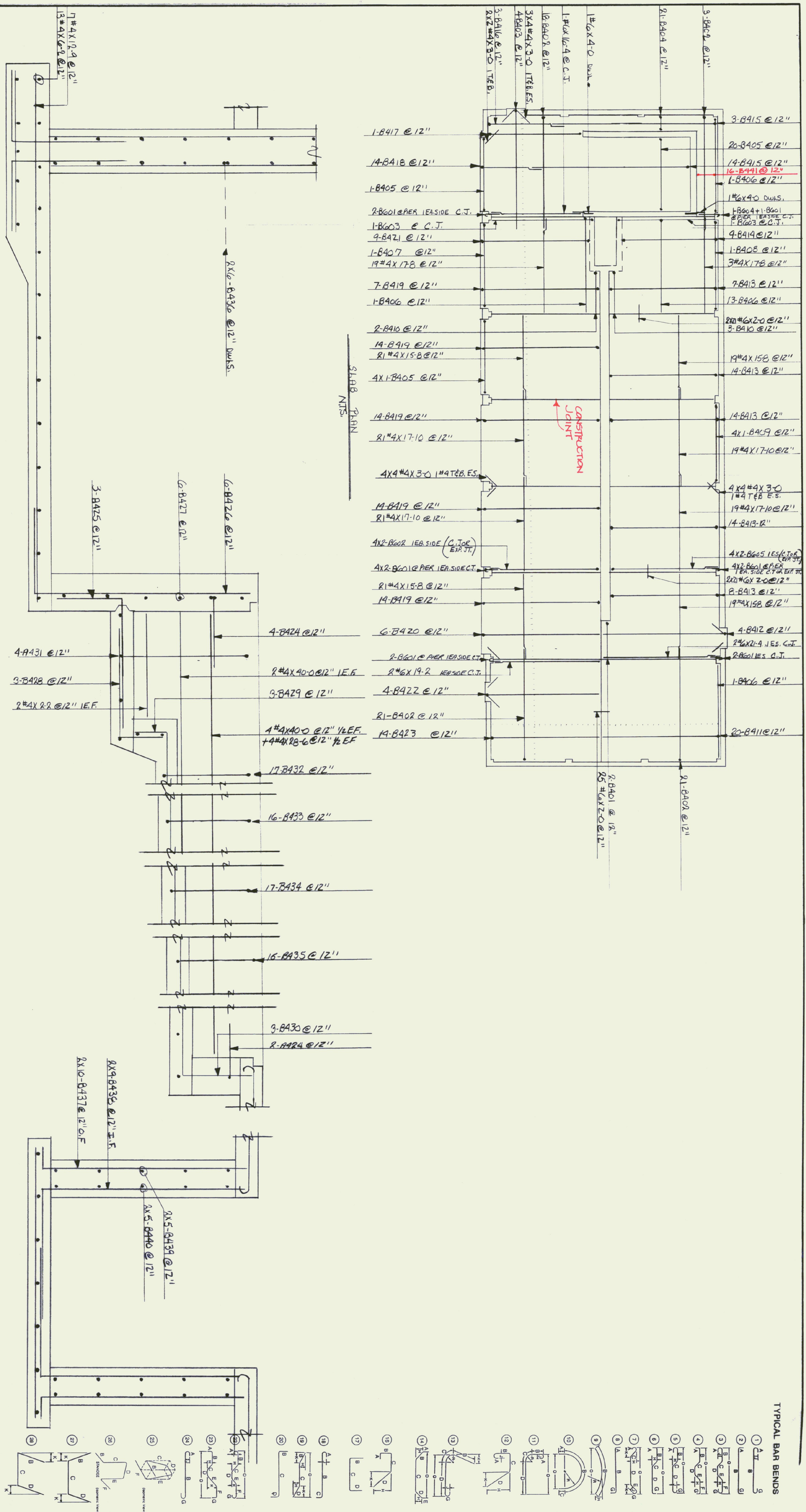
CLASS B DIA. SPLICES USED:

DATE: 8-18-93
 REV: 1
 DESIGNER: THERMALLY DOKST
 CHECKER: J. J. J.
 JOB NO: 92-2774
 DWG NO: 1

MacFarlane Steel Corp.
 P.O. BOX 142
 FRYEBURG, MAINE • TEL. 207-935-3531

6 BHP MAINTENANCE GARAGE
 CLARENDON, VT.

REBAR GRADE 60 ASTM A-615



SECTION OF INTERCEPTOR & TRENCH

SLAB PLAN

TYPICAL BAR BENDS

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- 28

REBAR GRADE 60 ASTM A-615

MacFarlane Steel Corp.
 P.O. BOX 142
 FRYEBURG, MAINE • TEL. 207-935-3531

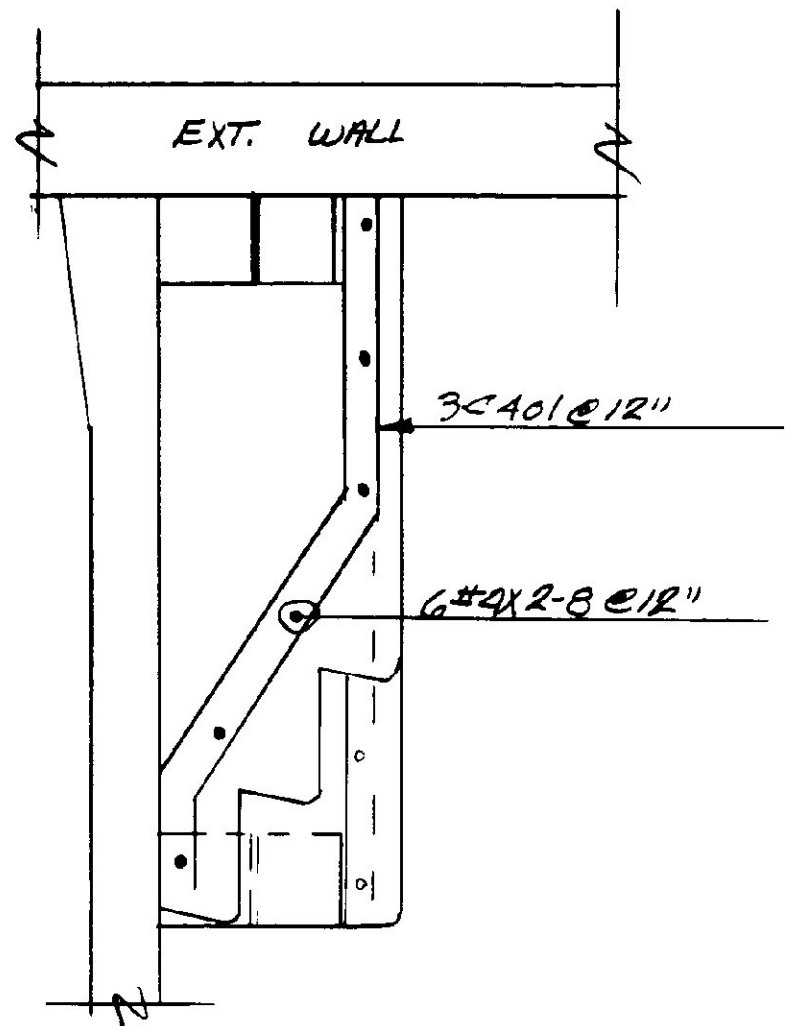
6 BAY MAINTENANCE GARAGE
 CLAREDON, VT

CUSTOMER: TEMBLAY CONST.
 DESIGNER: [Signature]
 DATE: 8-1-93
 JOB NO: 93-K124
 DWG NO: KZ

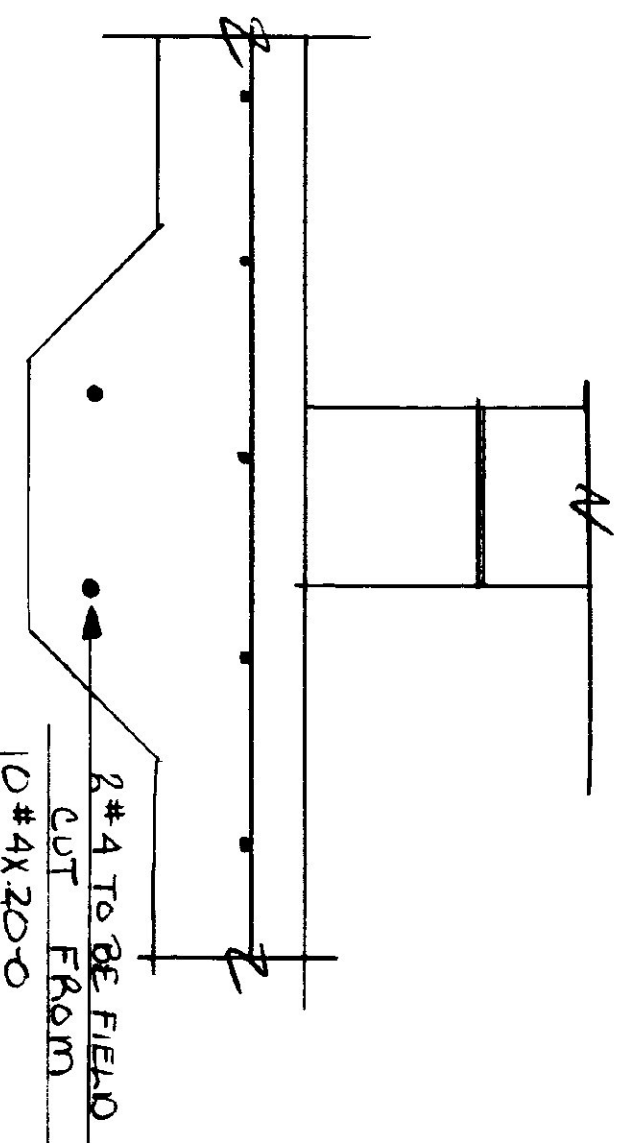
ADDRESS: DIA. SPLICES USED.
 #3 1-1 #6 2-0 #9
 #4 1-1 #7 2-4 #10
 #5 1-2 #8 3-1 #11

DATE: 8-1-93
REV:
REV:
REV:
APVD:

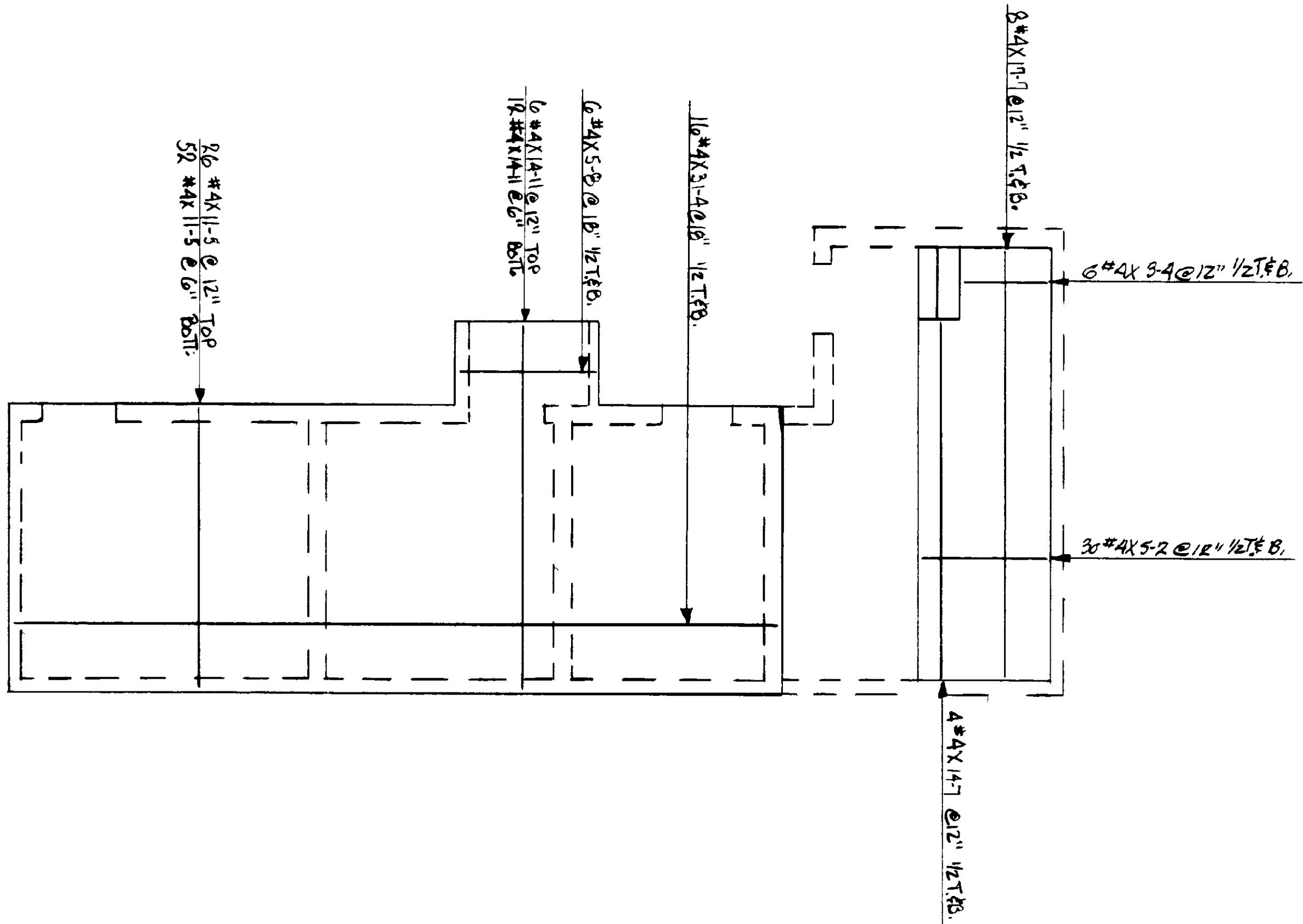
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- 2. 9
- 3. 6
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- 5. 6
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- 7. 6
- 8. 6
- 9. 6
- 10. 6
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- 27. 6
- 28. 6



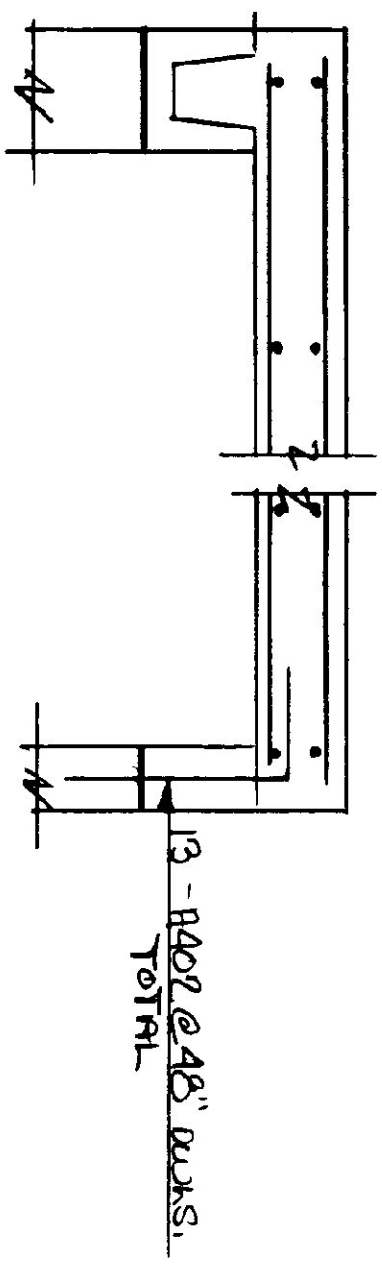
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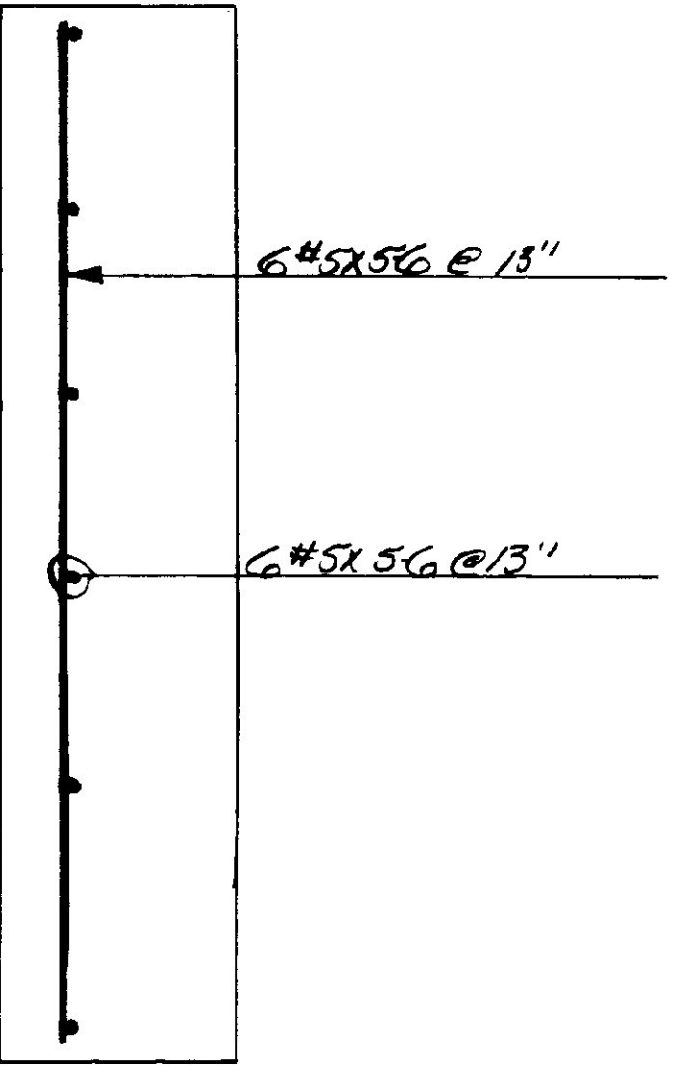
SECTION @ THICKENED SLAB
NTS.



PLAN @ MEZZANINE
NTS.



SECTION @ MEZZANINE SLAB
NTS.



SECTION @ CHIMNEY SLAB
NTS.

- 1. 5
- 2. 9
- 3. 6
- 4. 6
- 5. 6
- 6. 6
- 7. 6
- 8. 6
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- 28. 6

REBAR GRADE 60 ASTM A-615

MacFarlane Steel Corp
P.O. BOX 142
FRYEBURG, MAINE • TEL. 207-935-3531

6 Bay Maintenance Garage
Charlotte VT.

DATE:	8/19/93	CUSTOMER:	TRKMO BLDG CONST.
REV:		DESIGNER:	
REV:		JOB NO:	93A124
REV:		DWG NO:	K3
APPROV:			

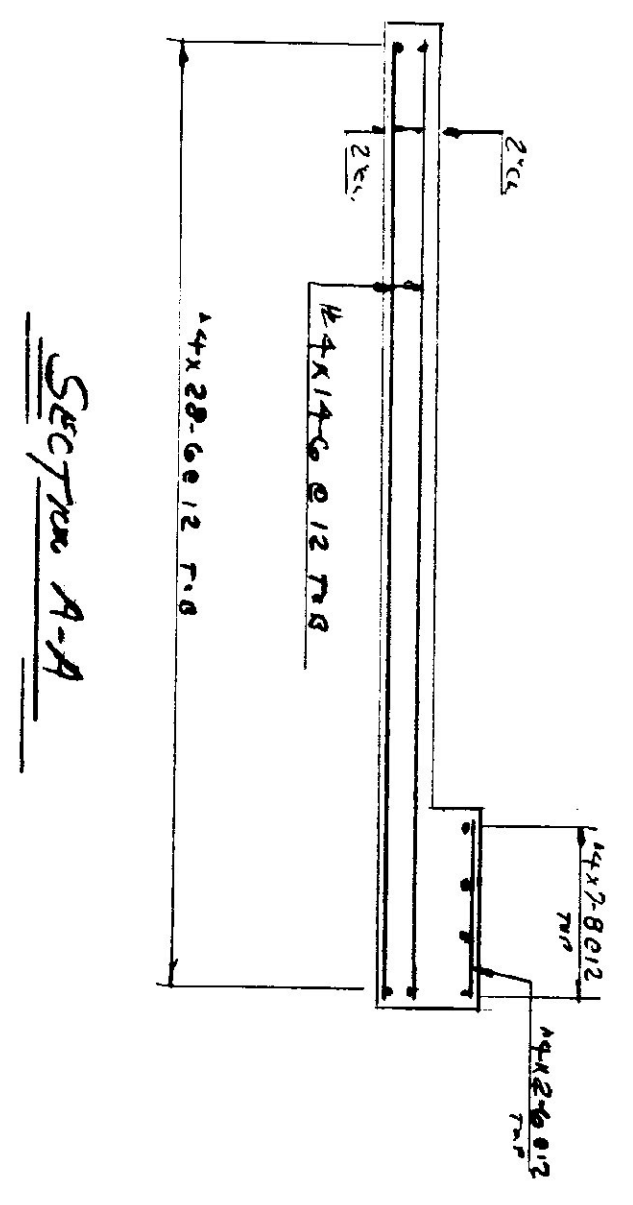
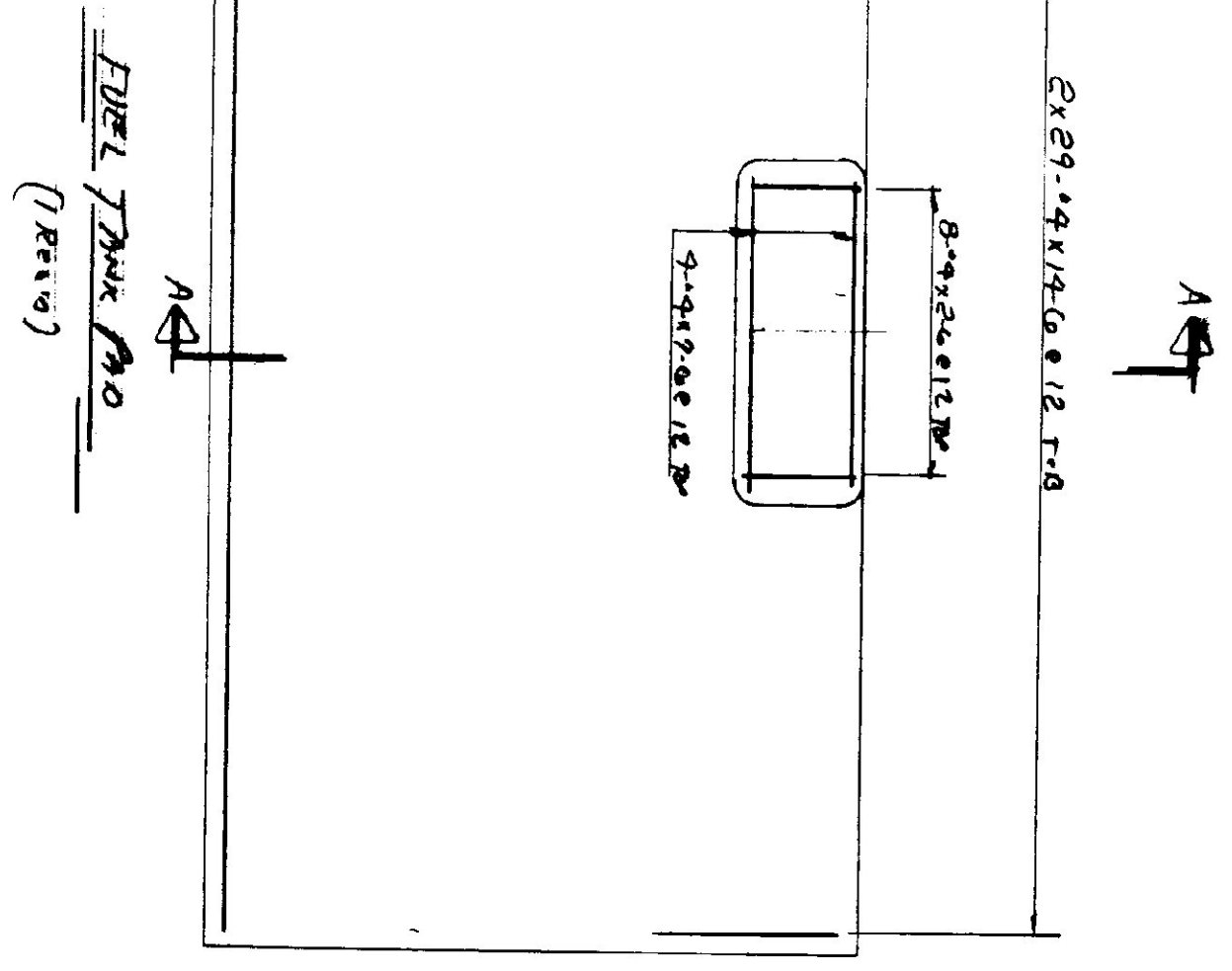
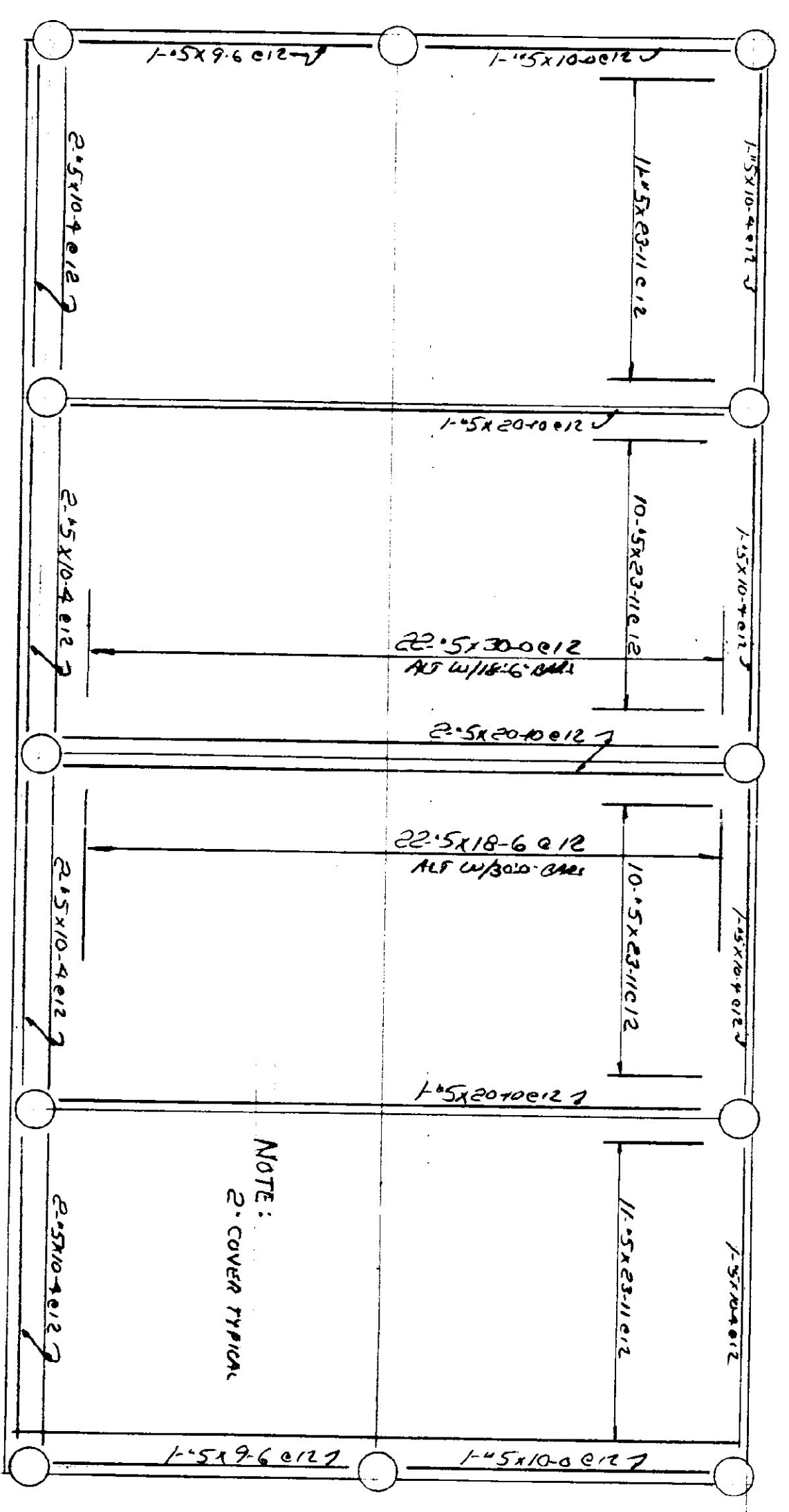
DIA. SPLICES USED:

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- 12. 6
- 13. 6
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- 17. 6
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- 19. 6

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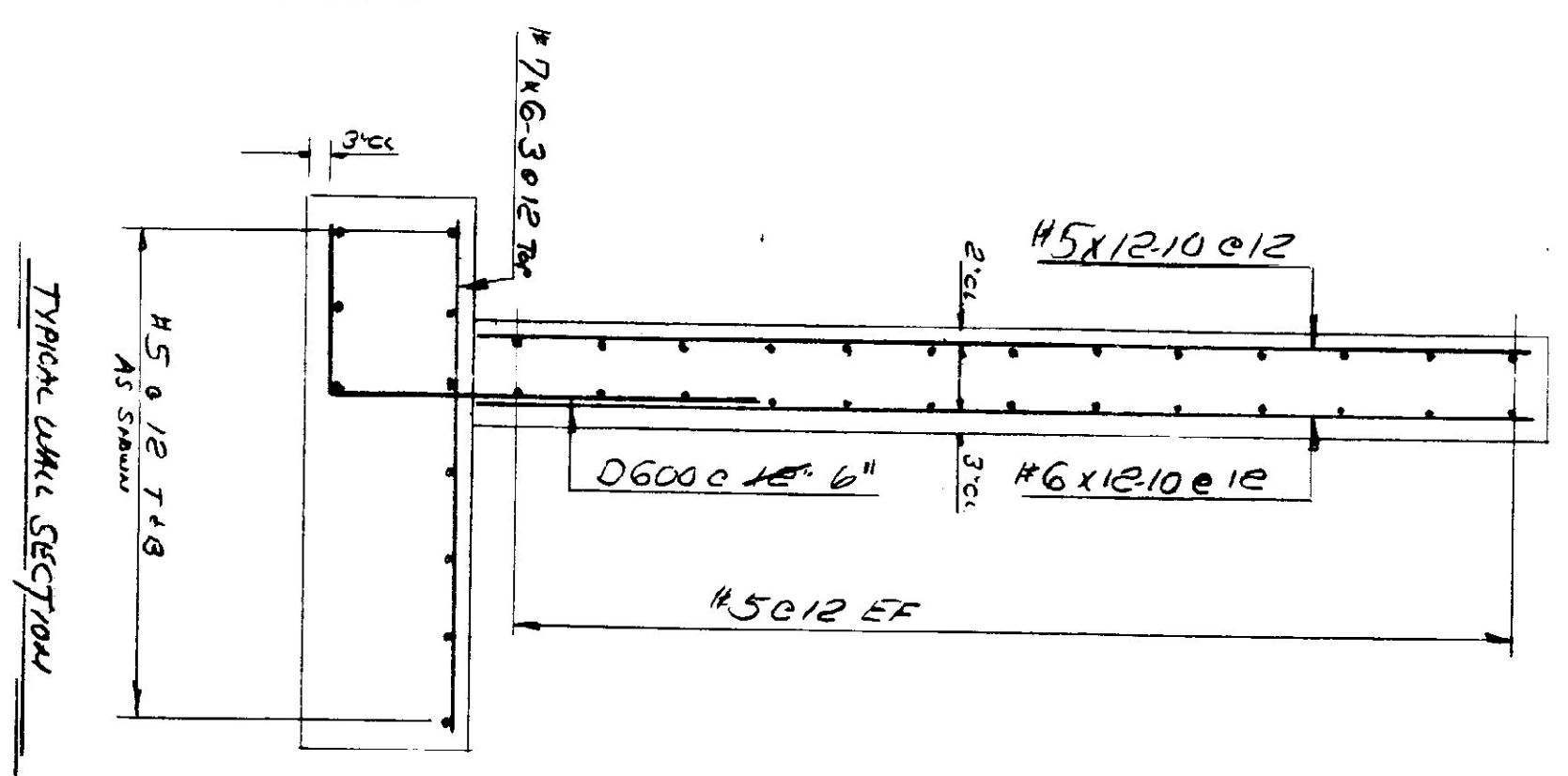
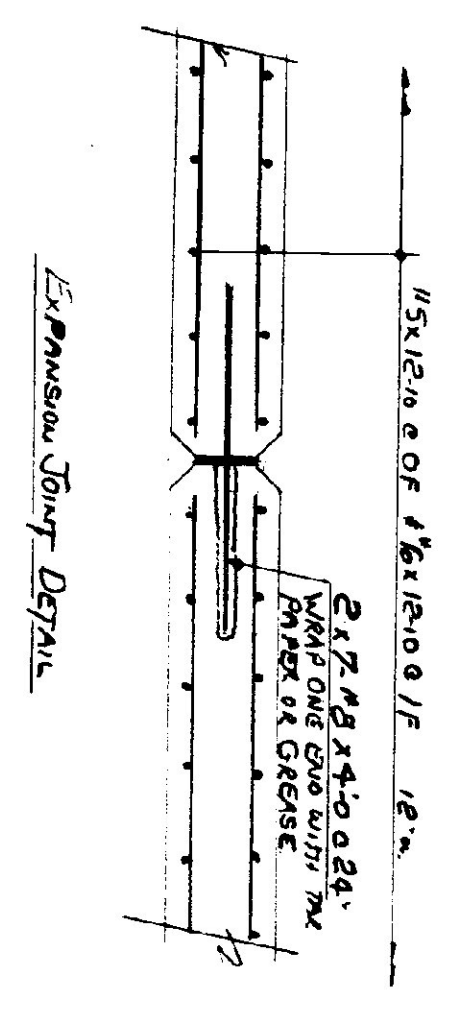
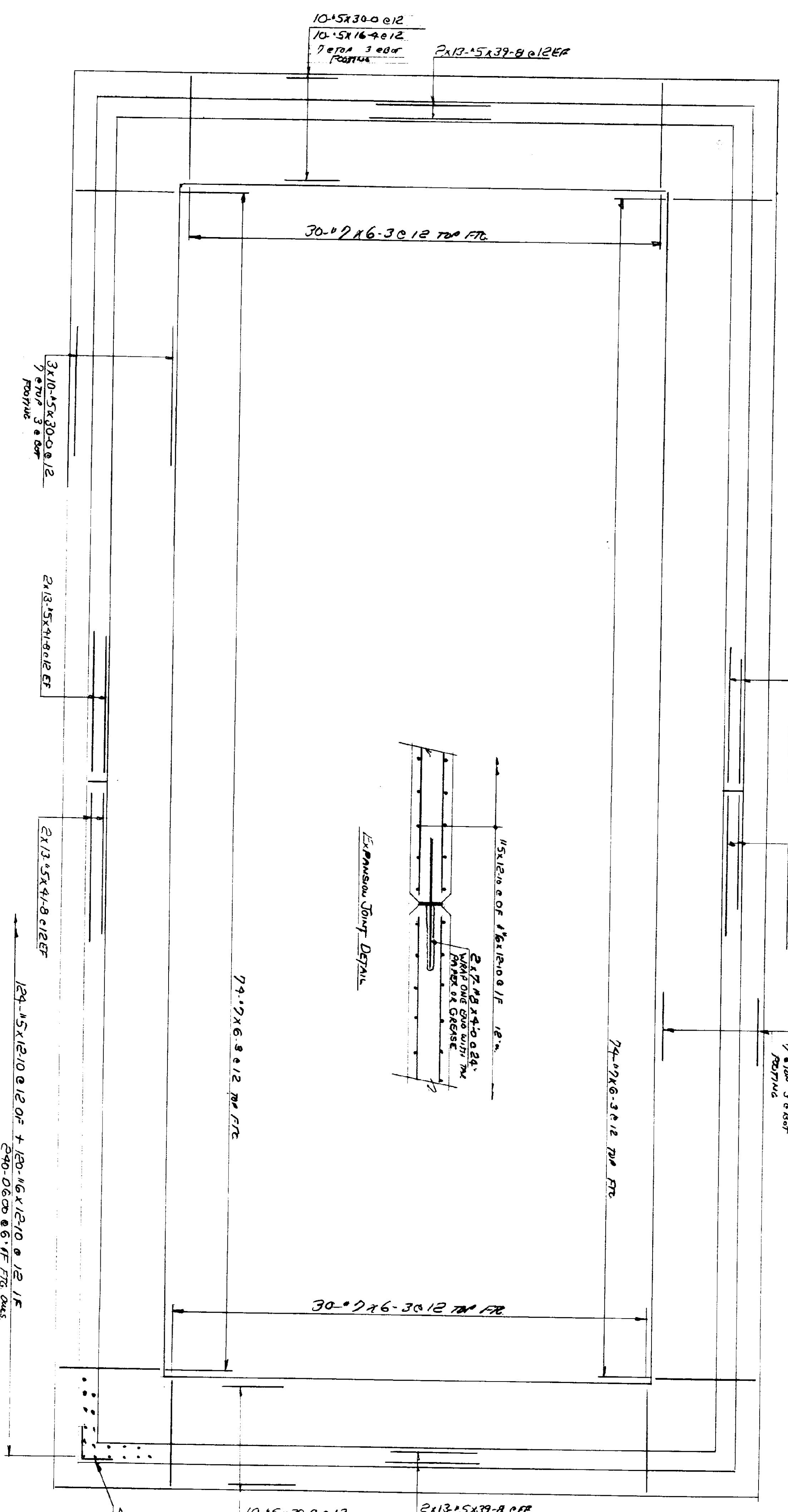
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- 57. 6
- 58. 6
- 59. 6
- 60. 6



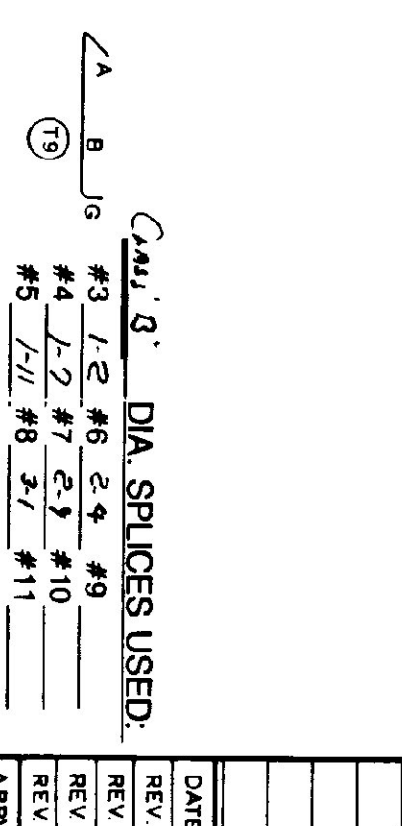
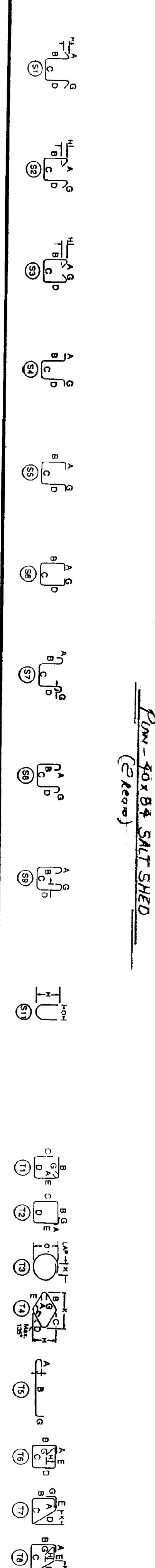
Plan - 24x98 Cold Storage Shed
(2 Revo)

FUEL TANK PLAN
(1 Revo)

SECTION A-A



- 1 A-T 5
- 2 A-B 6
- 3 B-C 7
- 4 C-D 8
- 5 D-E 9
- 6 E-F 10
- 7 F-G 11
- 8 G-H 12
- 9 H-I 13
- 10 I-J 14
- 11 J-K 15
- 12 K-L 16
- 13 L-M 17
- 14 M-N 18
- 15 N-O 19
- 16 O-P 20
- 17 P-Q 21
- 18 Q-R 22
- 19 R-S 23
- 20 S-T 24
- 21 T-U 25
- 22 U-V 26
- 23 V-W 27
- 24 W-X 28
- 25 X-Y 29
- 26 Y-Z 30
- 27 Z-A 31
- 28 A-B 32
- 29 B-C 33
- 30 C-D 34
- 31 D-E 35
- 32 E-F 36
- 33 F-G 37
- 34 G-H 38
- 35 H-I 39
- 36 I-J 40
- 37 J-K 41
- 38 K-L 42
- 39 L-M 43
- 40 M-N 44
- 41 N-O 45
- 42 O-P 46
- 43 P-Q 47
- 44 Q-R 48
- 45 R-S 49
- 46 S-T 50
- 47 T-U 51
- 48 U-V 52
- 49 V-W 53
- 50 W-X 54
- 51 X-Y 55
- 52 Y-Z 56
- 53 Z-A 57
- 54 A-B 58
- 55 B-C 59
- 56 C-D 60
- 57 D-E 61
- 58 E-F 62
- 59 F-G 63
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- 69 P-Q 73
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- 73 T-U 77
- 74 U-V 78
- 75 V-W 79
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- 79 Z-A 83
- 80 A-B 84
- 81 B-C 85
- 82 C-D 86
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- 87 H-I 91
- 88 I-J 92
- 89 J-K 93
- 90 K-L 94
- 91 L-M 95
- 92 M-N 96
- 93 N-O 97
- 94 O-P 98
- 95 P-Q 99
- 96 Q-R 100



DATE: 8-26-93

CUSTOMER: **REBAR CONSTRUCTION**

DESIGNER: **Steve or Vernon**

DRAWN BY: **HYB**

JOB NO: **93-0124**

DWG NO: **R4**

REV: **1** 8-26-93 #1

REV: **2** 8-26-93 #2

REV: **3** 8-26-93 #3

REV: **4** 8-26-93 #4

REV: **5** 8-26-93 #5

REV: **6** 8-26-93 #6

REV: **7** 8-26-93 #7

REV: **8** 8-26-93 #8

REV: **9** 8-26-93 #9

REV: **10** 8-26-93 #10

REV: **11** 8-26-93 #11

APP'D: _____

REBAR GRADE 60 ASTM A-615

MacFarlane Steel Corp.

P.O. BOX 142

FRYEBURG, MAINE • TEL. 207-935-3531

Charles Veinart

Veinart Agency of Brunswick Maine