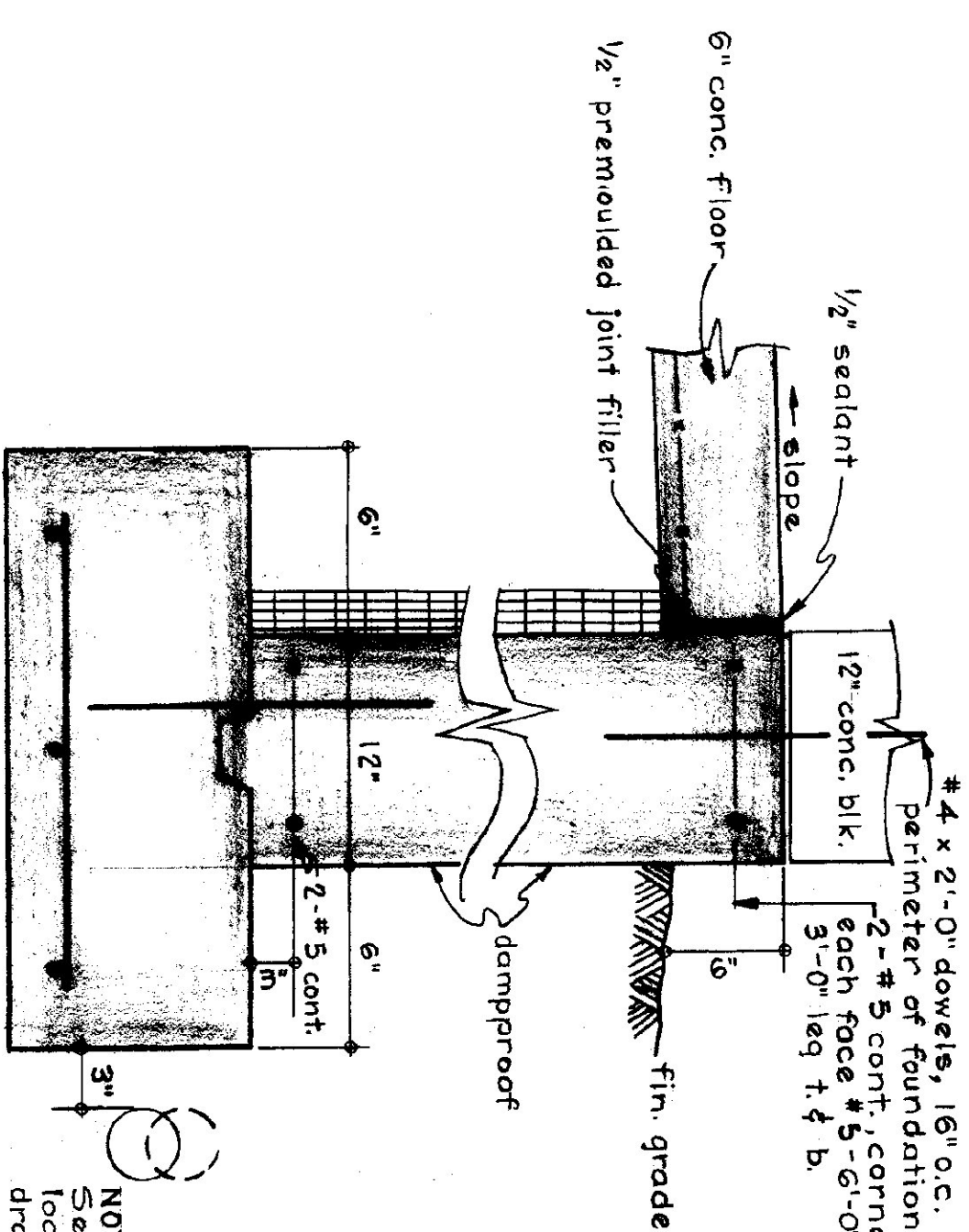
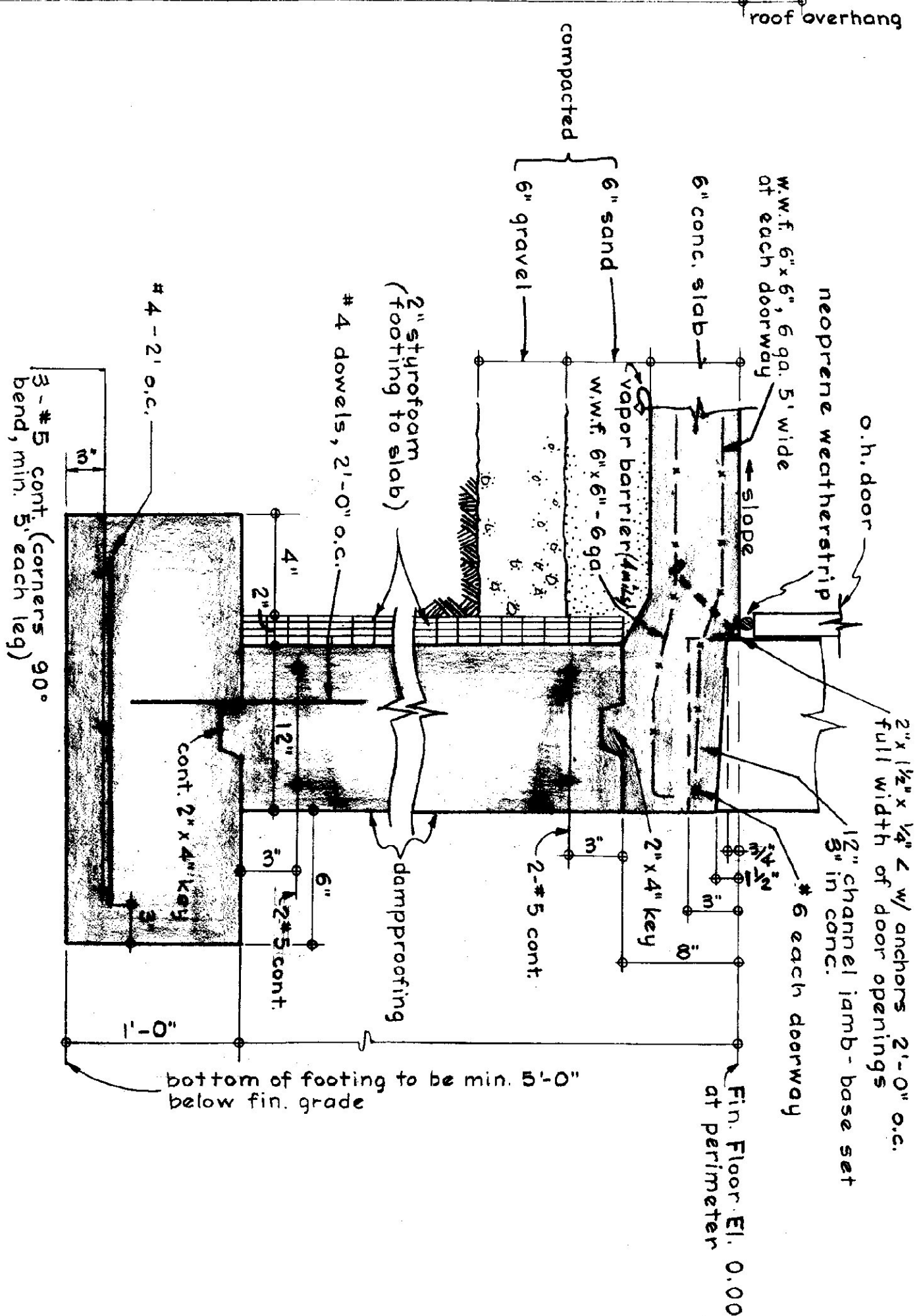
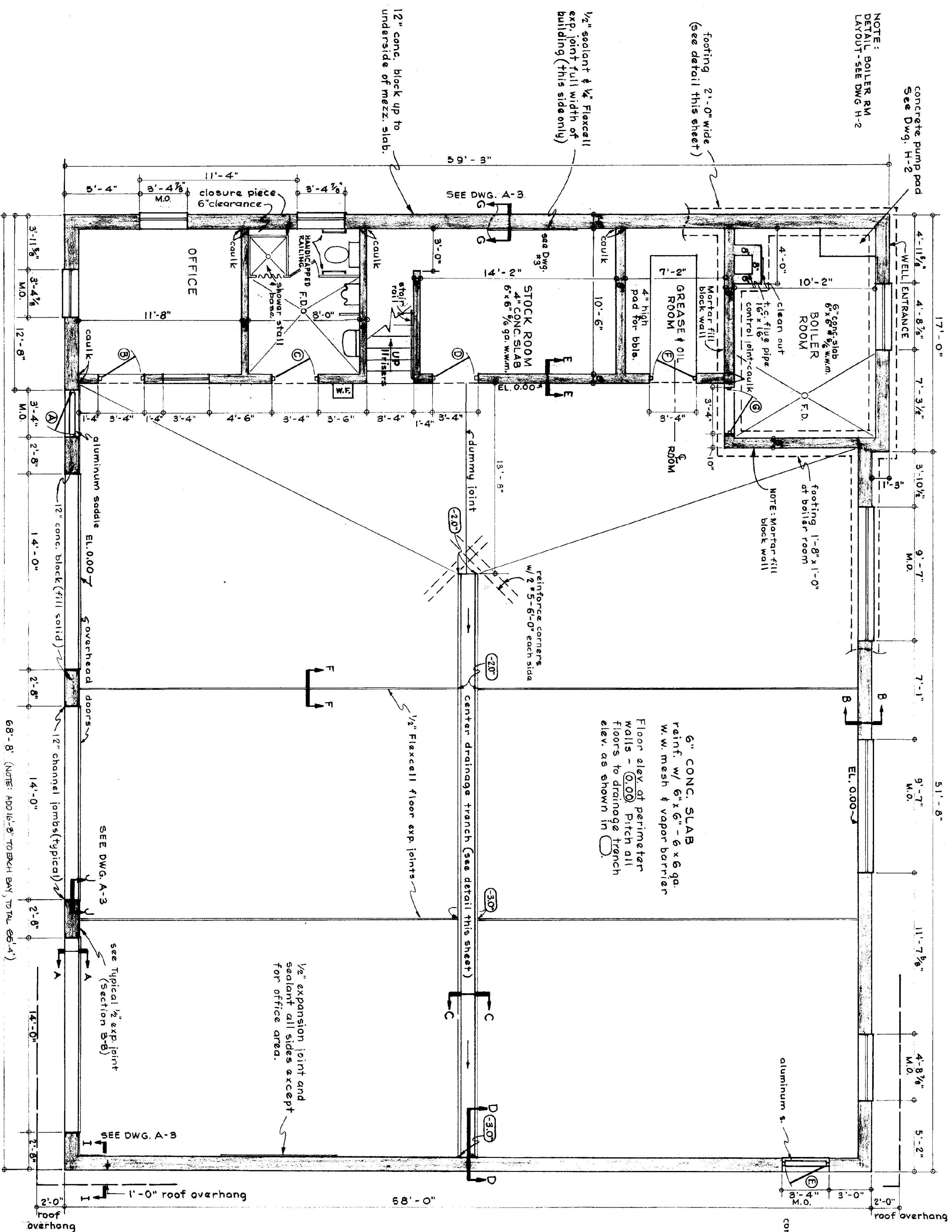




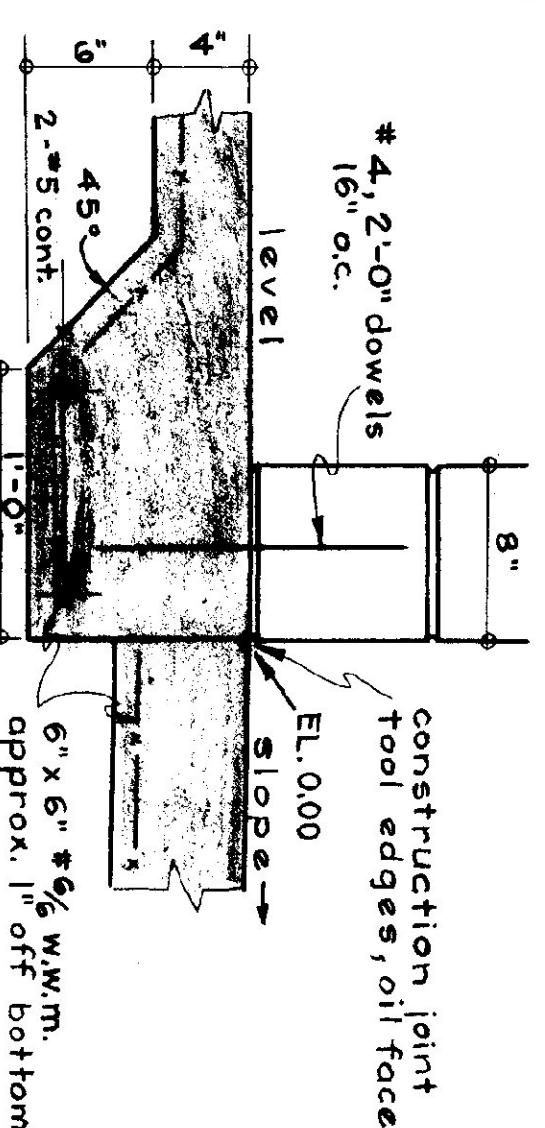
NOTE:
See site plan for
location of perimeter
drains and outfall.

SECTION B-B
TYPICAL FOUNDATION FOR ALL SIDES OF
BLDG. EXCEPT AT DOORS (SEE ABOVE FOR
OTHER INFORMATION)

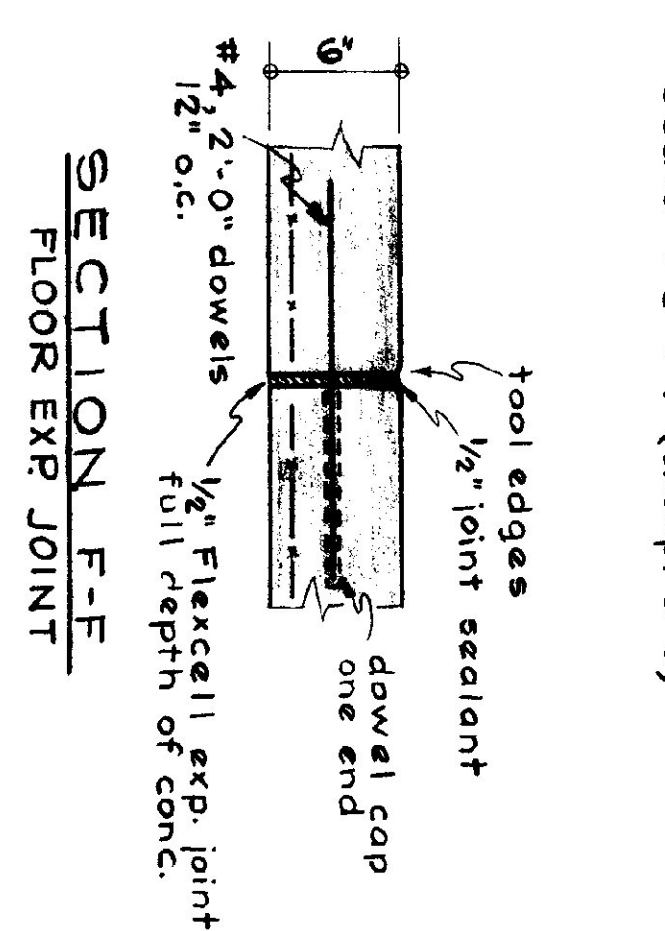
- GENERAL NOTES:**
1. All concrete shall be 3000 PSI. at 28 days - max. slump of 4"
 2. All exposed concrete walls shall be rubbed.
 3. Construction joints for walls to have 1/2" V-joint in exposed face.
 4. All concrete to be cured, s/g to be covered with Sisalcraft & edges taped
 5. Expansion joints to have tooled edges.

SECTIONS
scale: 1 1/2" = 1' (except D-D)

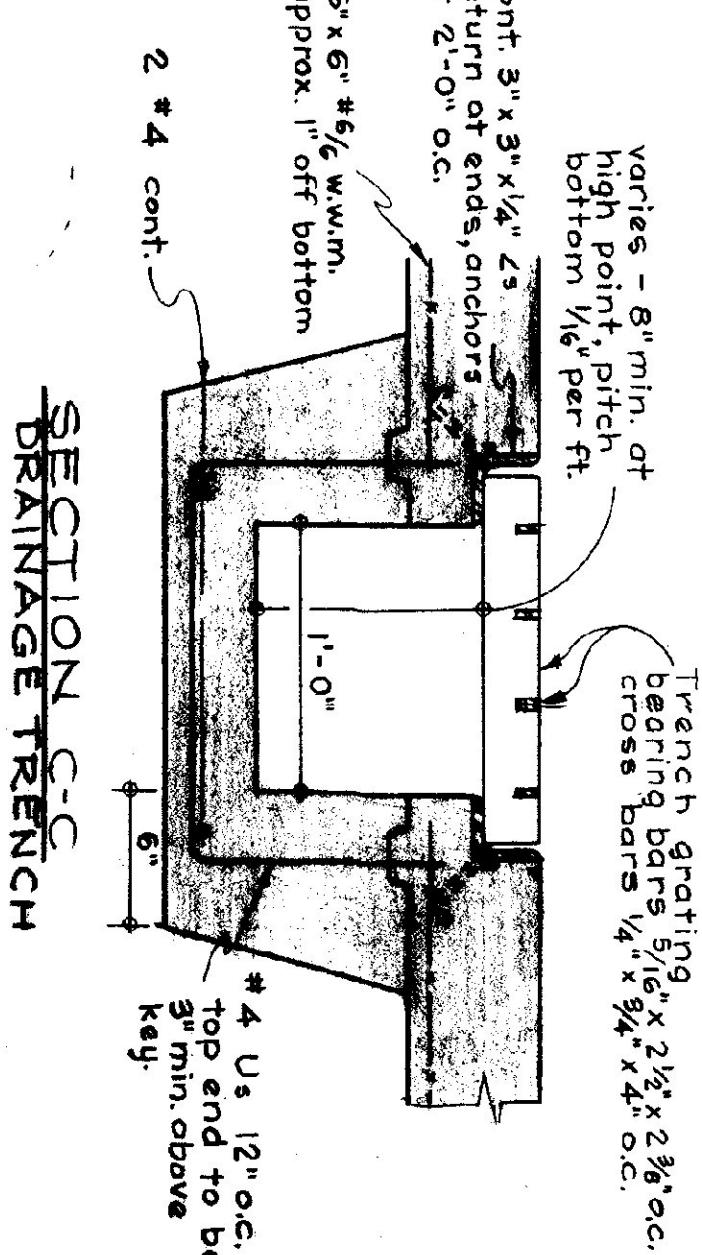
PLAN
scale: 1/4" = 1'-0"



SECTION E-E
CONTROL JOINT & CONC. DETAIL



SECTION F-F
FLOOR EXP. JOINT



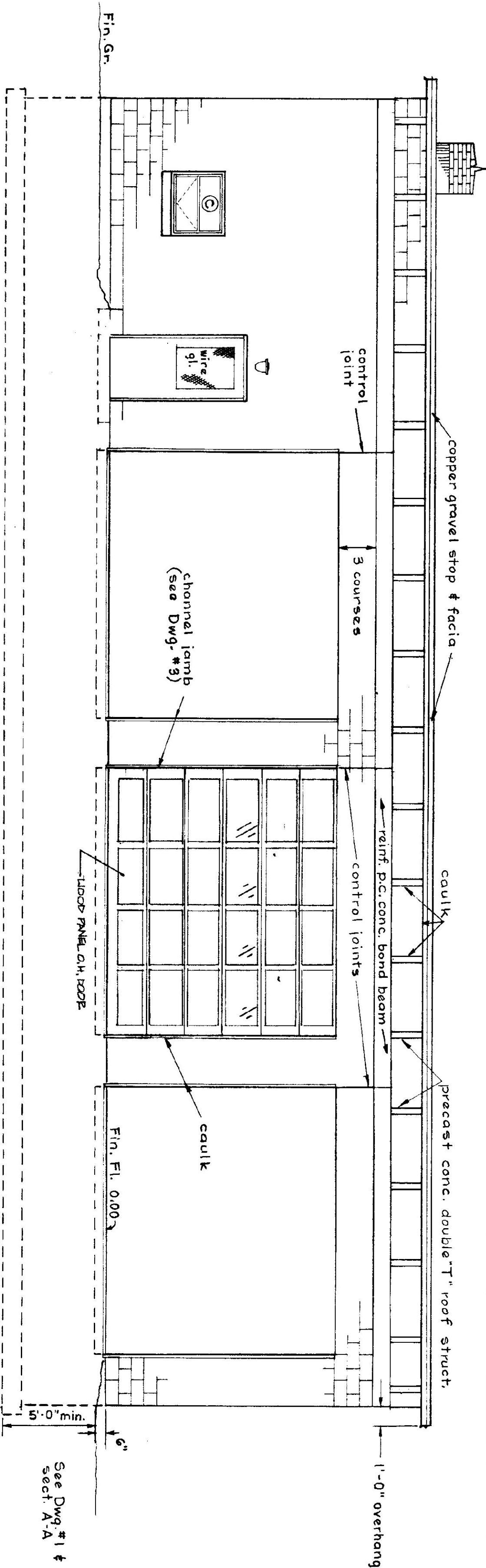
SECTION C-C
DRAINAGE TRENCH

INITIALS	DATE	REVISIONS
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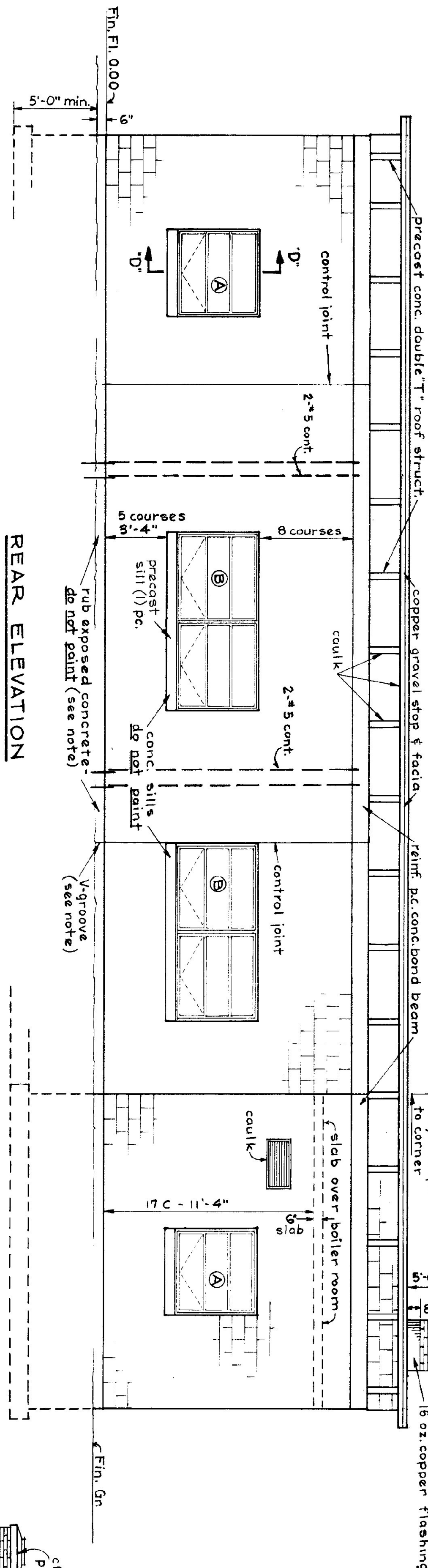
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER. VERMONT

**STANDARD
3 BAY HIGHWAY GARAGE BUILDING
FLOOR PLAN & FOUNDATION DETAILS**

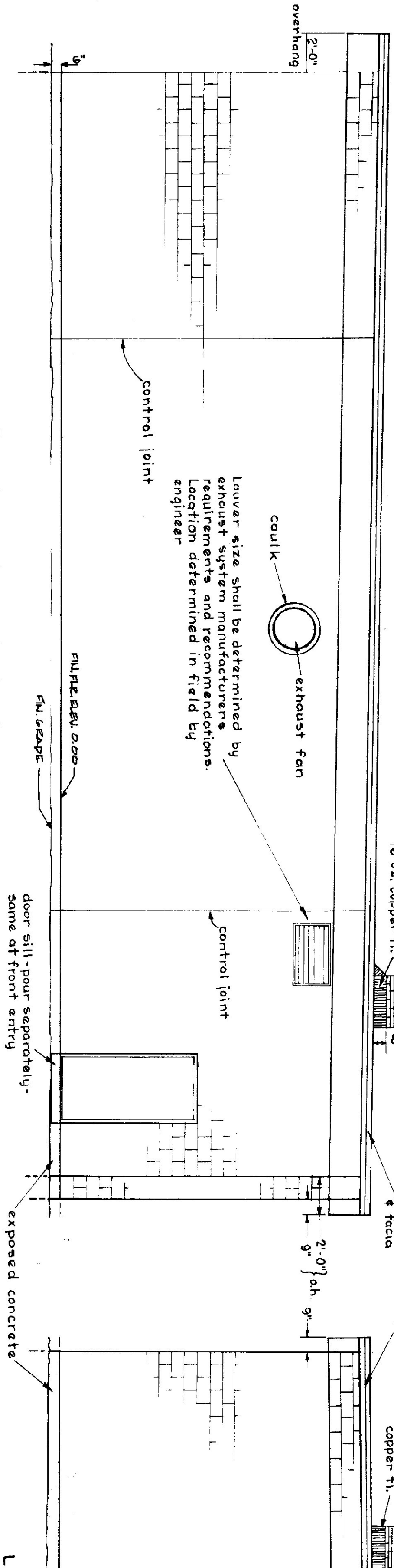
DATE:	DISPATCHED BY:	INITIALS:
AUG 4 '75	T. J. S.	A-1
ISSUED BY:	APPROVED BY:	
S. M. MILLER	<i>S. M. Miller</i>	<i>1 of 1</i>



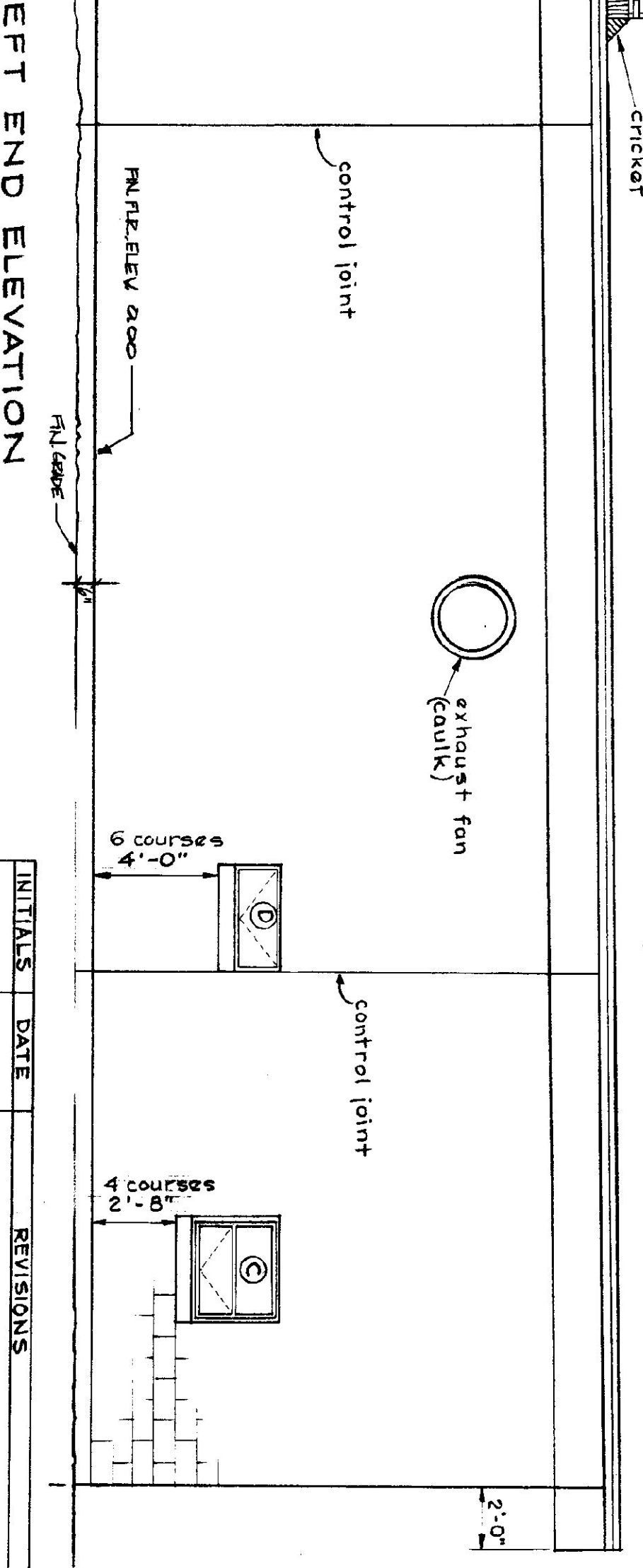
FRONT ELEVATION



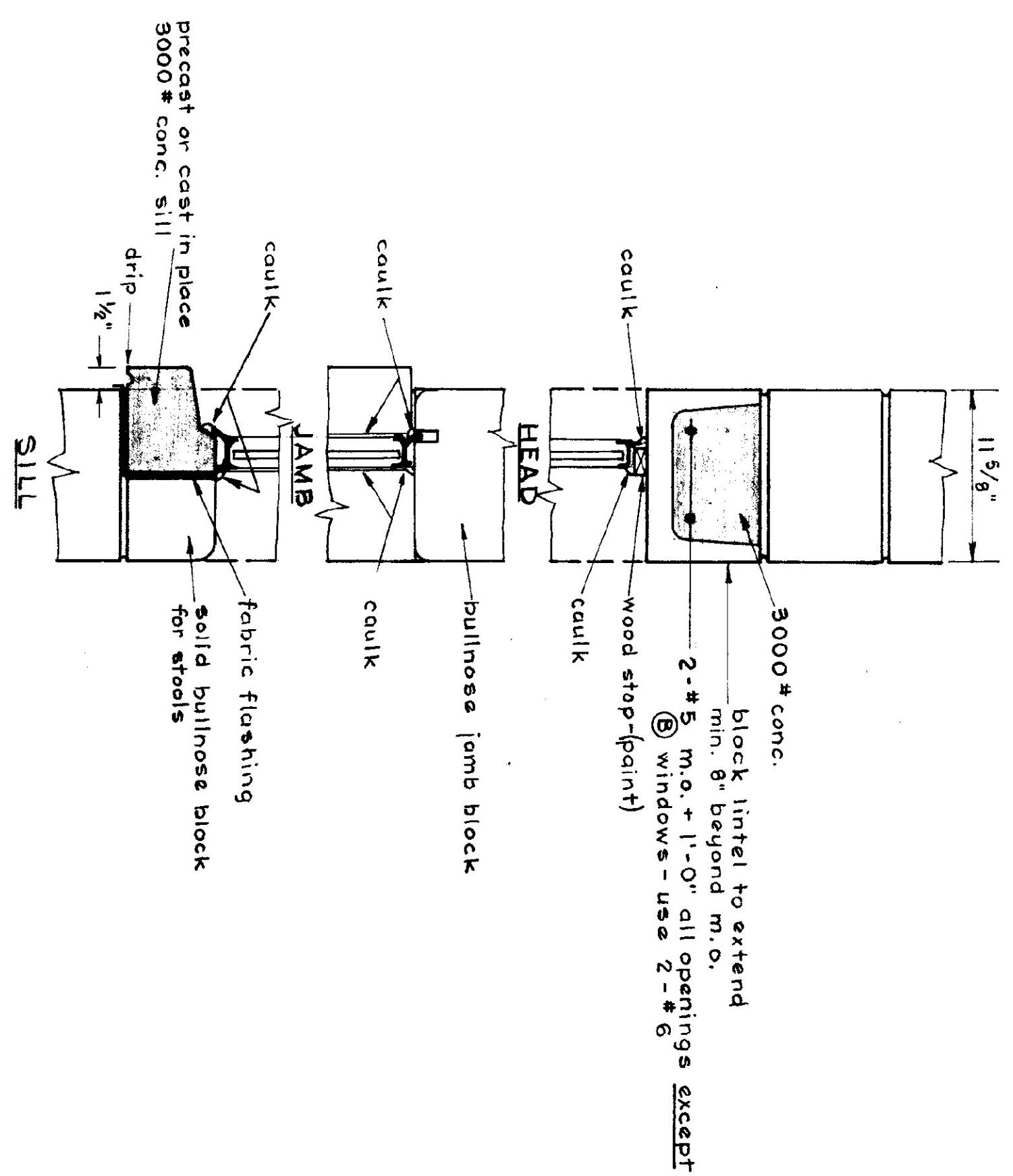
REAR ELEVATION



RIGHT END ELEVATION

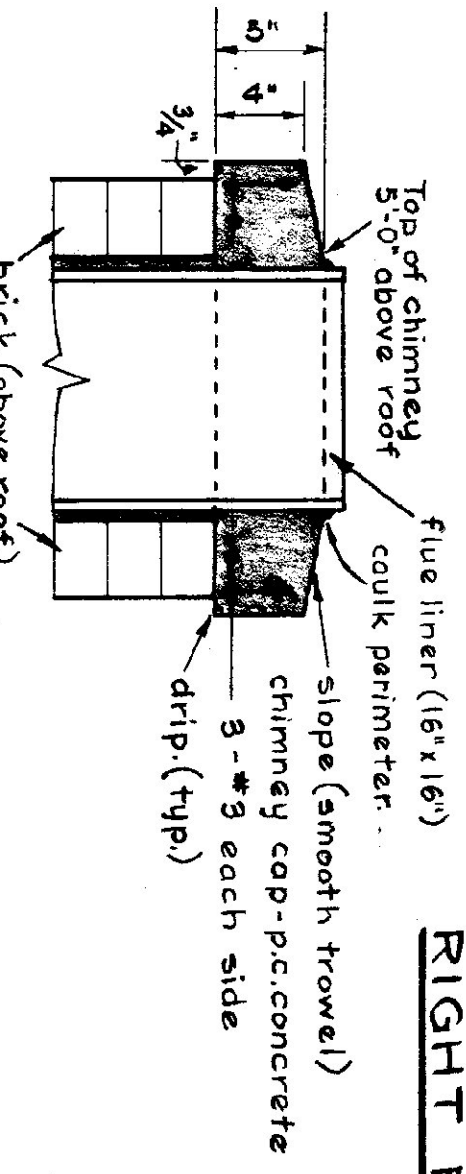


LEFT END ELEVATION



SECTION D-D
AT ALL WINDOWS
SCALE: 1/2" = 1'-0"

- GENERAL NOTES:**
1. Finish grade shall be min. of 6" below finish floor at building on right, left and rear elevations and sloped away from building and graded in a workmanlike manner to prohibit water pockets or excessive washing.
 2. All exposed concrete shall be rubbed to 4" below finish grade.
 3. Concrete under construction joints shall have a V groove to 4" below finish grade.
 4. Build control joints as per Section J-J on Dwg. A-3.
 5. Caulk all joints between masonry and wood or metal.



CHIMNEY CAP DETAIL
Do Not Scale

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

INITIALS	DATE	REVISIONS
STATE OF VERMONT DIVISION OF STATE BUILDINGS AGENCY OF ADMINISTRATION MONTPELIER, VERMONT		
STANDARD 3 BAY HIGHWAY GARAGE BUILDING ELEVATIONS		
DATE: AUG. 4, 1975	DESIGNED BY: T. J. S.	DWG. NO.: A-2
DRAWN BY: S.H. MILLER	APPROVED BY: S.H. MILLER	1 of 3

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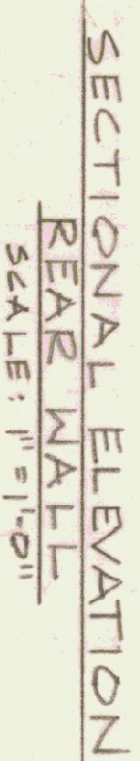
-1'-0" MIN. OVERHANG

2'-0" overhang

6. CONCRETE : 5000 P.S.I. @ 28 DAYS (MIN.)



SCALE: $\frac{3}{16}'' = 1'-0$



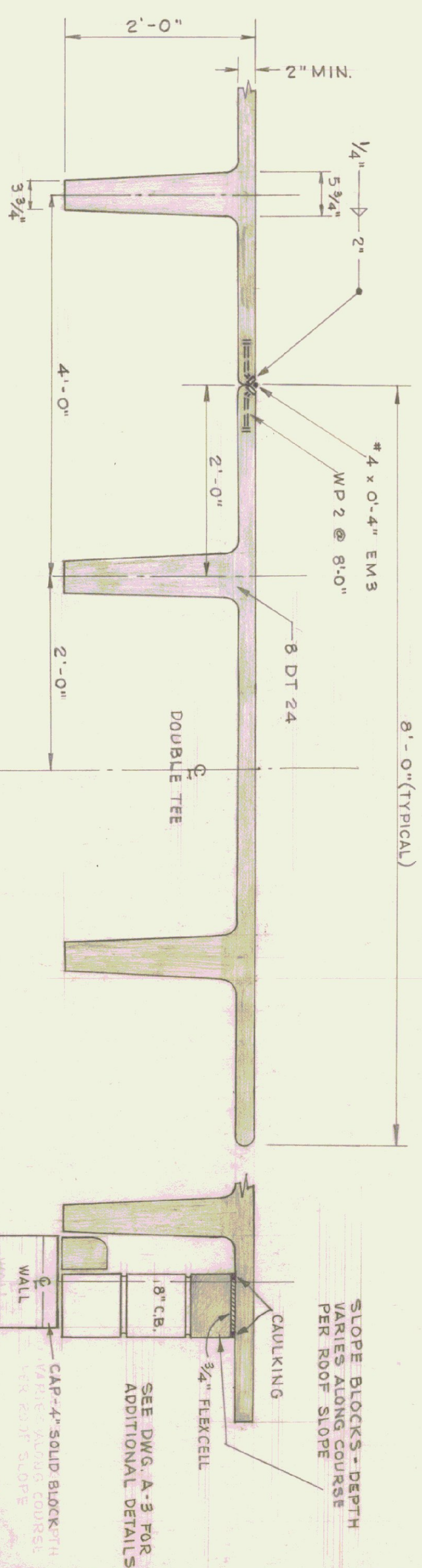
-INSTALL ELECTRICAL CONDUIT WITHIN THIS CODES E-CORP. N/HTG. CONTR. ALL OTHER CONDUIT & BOXES BEING IS CONCEALED WITHIN BLOCK WORK.

INSTALL HEATING PIPING
AND RER IN THIS AREA.



STRUCTURAL DESIGN:
ROOF L.L. = 50 LBS. SQ./FT.

SECTION SCALE
1" = 1'-0"



SECTION B

NOTE: FOR BEARING WALL
DETAILS SEE DWG. A-3.

NOTE:
IF THIS DRAWING IS TO BE USED FOR A 5 BAY GARAGE - ALL
DETAILS SHOWN ARE TYPICAL - ADD ADDITIONAL BAYS TO
MAKE (5) BAYS.

INITIALS	DATE	REVISION
REV. /S/	DATE	REVISION
BLA	7.5.78	5th. ELEV. FROM WALL - 4' MAX. NOTE

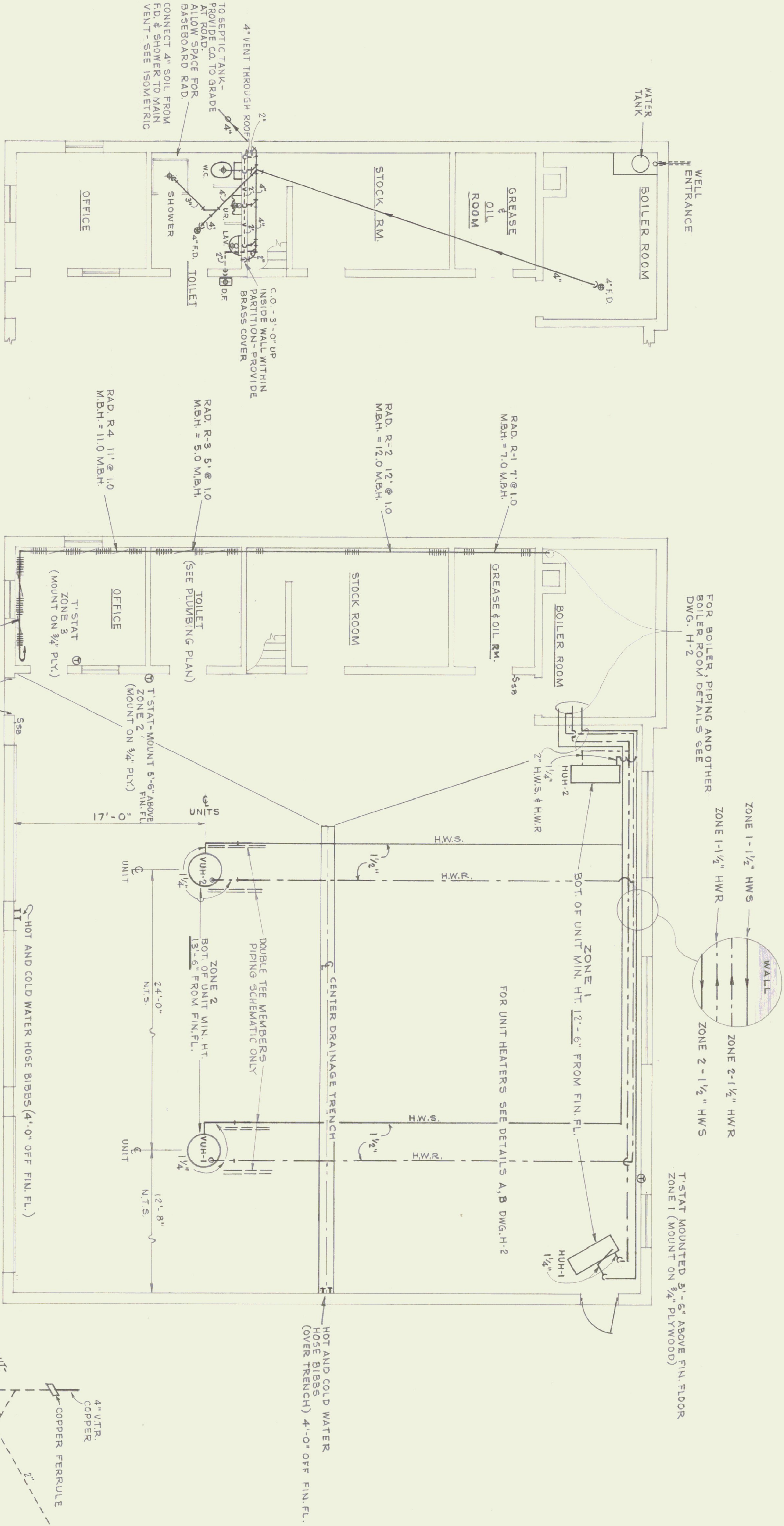
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER.
VERMONT

STANDARD HIGHWAY GARAGE BUILDING

NOCT '81 PLAN

4115

DATE: AUG. 4, '75	DESIGNED BY: T. J. S.	DWG. NO. 16
DRAWN BY: S. H. MILLER	APPROVED BY: <i>Edw. Ward</i>	OF



PLUMBING PLAN
SCALE: 3/16"=1'-0"

HEATING PLAN
SCALE: 3/16"=1'-0"

DETAIL OF END OF MAIN (GARAGE OFFICE)
NOT TO SCALE

TYPICAL BASEBOARD RADIATION PIPING
NOT TO SCALE

DOMESTIC WATER
DISTRIBUTION DETAIL
NO SCALE

PLUMBING ISOMETRIC
DIAGRAM
NO SCALE

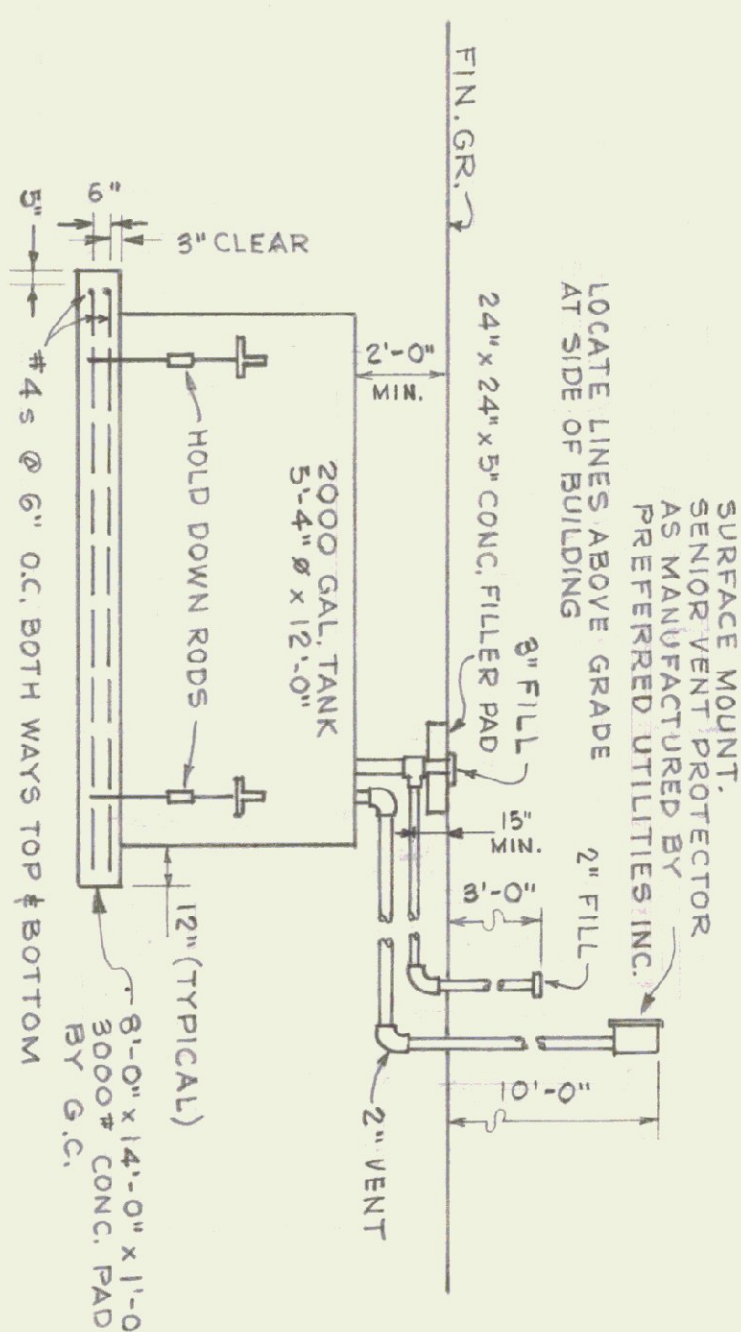
- LEGEND**
- H.W.S. HOT WATER SUPPLY
 - H.W.R. HOT WATER RETURN
 - S.S. BURNER SAFETY SWITCH (PROVIDE TWO(2))
 - T-STATS THERMOSTATS
 - VUH VERTICAL UNIT HTR. { PIPE SUPPLY TO BOTTOM AND RETURN TO TOP
 - GV GATE VALVE
 - CV CHECK VALVE
 - FC FLOW CONTROL VALVE
 - U UNION
 - FL FUSIBLE LEVER-MATIC VALVE
 - ST STRAINER
 - PR PRESSURE REDUCING VALVE (ALL BRONZE)

NOTE:
SEE DWG. H-2 FOR SCHEDULE & GENERAL NOTES

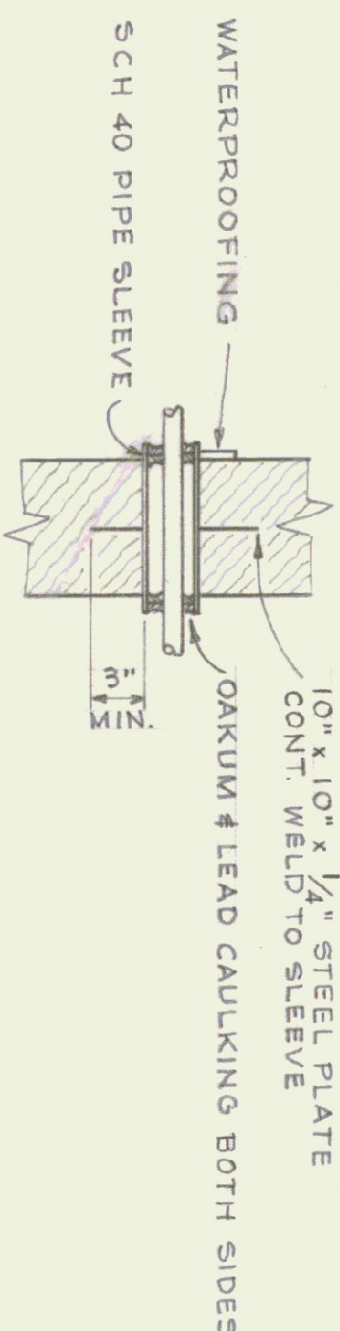
INITIALS	DATE	REVISIONS

STATE OF VERMONT DIVISION OF STATE BUILDINGS AGENCY OF ADMINISTRATION MONTPELIER, VERMONT			
STANDARD 3 BAY HIGHWAY GARAGE BUILDING HEATING & PLUMBING PLAN			
DATE: AUG. 4, '75 DRAWN BY: S. H. MILLER	DESIGNED BY: GUS MASTRO APPROVED BY: <i>S. H. Miller</i>	DWG. NO. H-1 1 OF 1	

NOTE "A": PROVIDE FULL SIZE
BAROMETRIC DAMPER IN
VERTICAL PORTION OF BREACHING
DO NOT INSTALL AT TURN.



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



MEZZ. FLR.

BOILER RM. FLR.

18" MIN.

30" x 16"

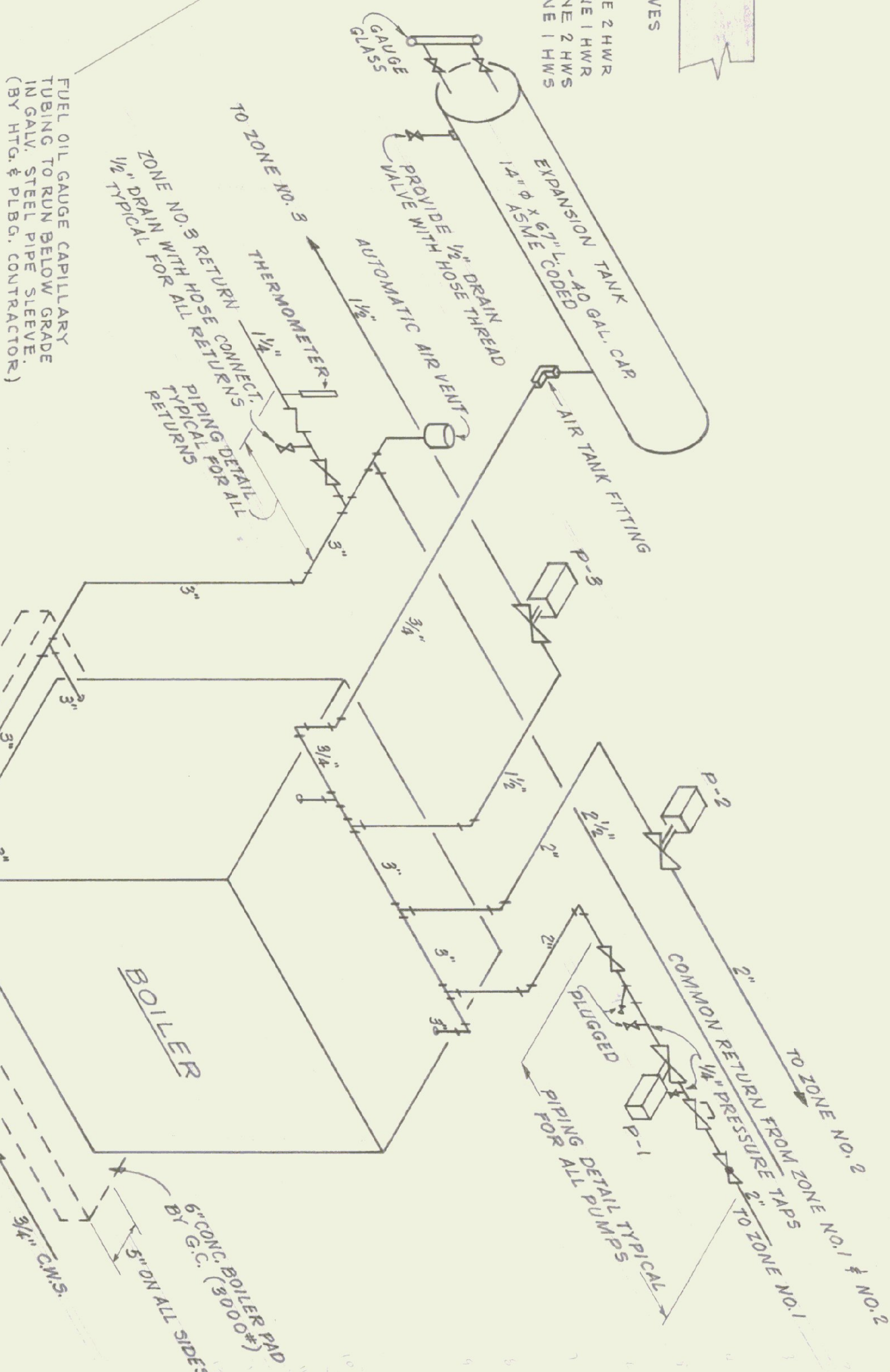
MANUAL DAMPER
W/ INDICATOR

12" C.B.

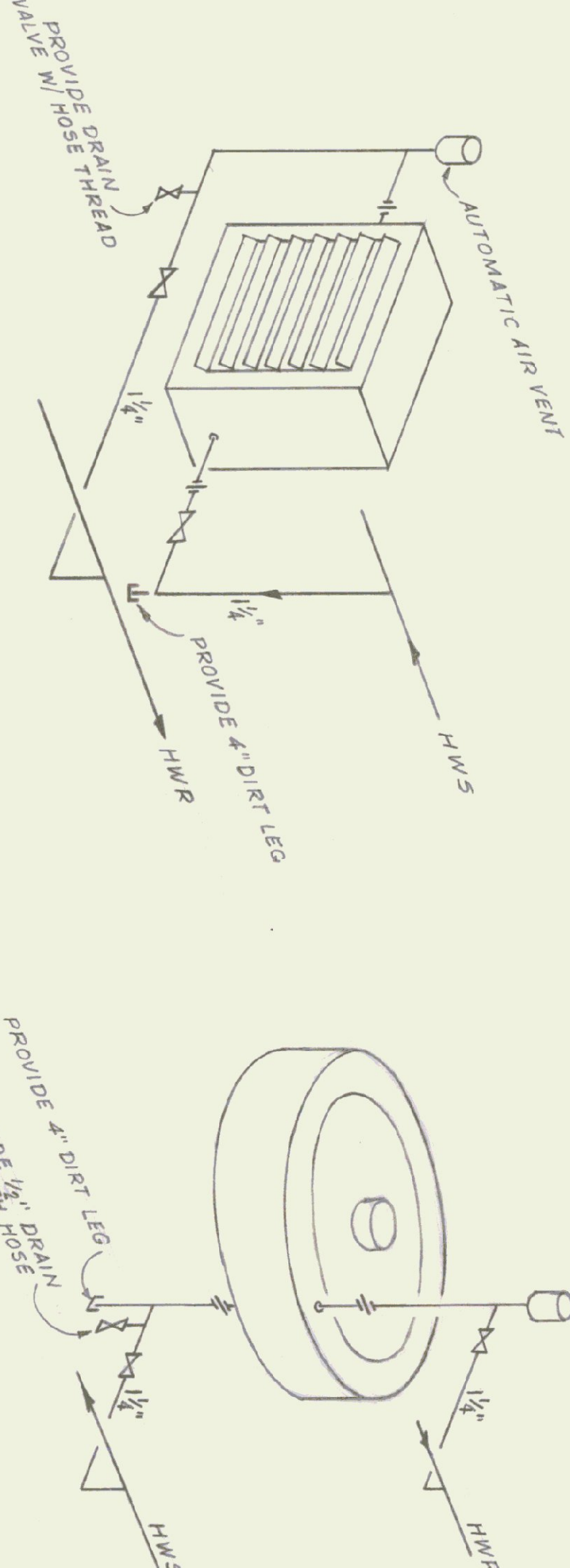
52" x 16" LOUVER
W/ BUG & BIRD SCREEN

METAL MOUNTING BRACKET

CAULK ENTIRE PERIMETER
BOTH SIDES



3/4" DRAIN



N.T.S.)

TYPICAL
 UNIT HEAT
 (N.T.S.)

HEATING EQUIPMENT SCHEDULE									
(RATINGS @ 190° AWT W/ 20° DIFFERENTIAL)									
EQUIP.	TYPE	MANUFACT.	MODEL	M.B.H.	H.P.	DISCHARGE	R.T.M.	C.F.M.	REMARKS
H/H 1-2	UNIT HEATER	MODINE	H5535	100	1/4	VERT.	1075	2090	WITH HORZ. DEFLECTOR BLADES (ADJUSTABLE)
V/H 1-2	UNIT HEATER	MODINE	V-810	145	3/4	VERTICAL	1075	3530	WITH HORZ. DEFLECTOR BLADES (ADJUSTABLE)
P-1	IN-LINE	BELL & GOSSETTE	60-2AA	50 GPM.	3/4	5' x 4' IMP	1725	25' HD	
P-2	IN-LINE	BELL & GOSSETTE	60-2AA	50 GPM.	3/4	5' x 4' IMP	1725	25' HD	
P-3	IN-LINE	BELL & GOSSETTE	60-12AA	25 GPM.	1/2	5' x 4' IMP	1725	25' HD	
RAD	STERLING STRYLE/VERA-LINE	STERLING	3-144	1.02					14" X 28" STEEL TUBE W/ 4"x4"x4" STEEL FINS - 40 FINS PER FT.

1. CONTRACTOR SHALL SUBMIT DATA & TITLS OF EQUIPMENT FOR APPROVAL PRIOR TO ORDERING MATERIAL.
2. ALL PIPING IS SCHEMATIC. CONTRACTOR SHALL CO-ORDINATE HIS WORK WITH OTHER TRADES.
3. MOTORS ON ALL NEW UNIT HEATERS SHALL BE TOTALLY ENCLOSED IN FRAME CONSTRUCTION WITH PERMANENTLY OVERLOAD PROTECTION & BUILT-IN THERMAL
4. HEATING CONTRACTOR SHALL PROVIDE SERVICE SWITCH AT EACH UNIT HEATER.
5. SEE SITE PLAN FOR LOCATION OF BURIED OIL TANK.
6. ALL WATER SUPPLY PIPING ABOVE FLOOR SLAB ELEVATION SHALL BE INSULATED - JOINTS SHALL BE PAINTED.
7. ALL HEATING PIPING IN THE BOILER RM, MAIN BUILDING & THRU SLEEVES SHALL BE INSULATED AND THE INSULATION JOINTS PAINTED.
8. EACH CIRCULATING PUMP SHALL HAVE BUILT-IN THERMAL OVERLOAD PROTECTION
9. EACH U.H. SHALL HAVE AN AQUASTAT CONTROL TO PREVENT THE FAN FROM OPERATING BELOW A PREDETERMINED MIN. TEMP. TO PREVENT COLD AIR CIRCULATION WITHIN THE BUILDING. T.S.T'S SHALL SWITCH FANS OFF WHEN HEAT DEMAND IS SATISFIED
10. ALL PUMPS SHALL BE RATED TO OPERATE ON 120/240 V. 1HP/ 3 W UNLESS OTHERWISE SPECIFIED OR INDICATED
11. PROVIDE ONE OIL BURNER SAFETY SWITCH OUTSIDE OF BOILER ROOM DOOR.
12. PROVIDE ONE OIL BURNER SAFETY SWITCH AT MAIN ENTRANCE OF MAIN BUILDING AT MAIN DOOR.
13. BOILER ROOM FINISHED FLOOR TO BE SAME ELEV. AS MAIN BUILDING FLOOR BUT SHALL BE PITCHED TOWARD DRAIN.
14. CONCRETE BOILER PAD SHALL BE LEVEL (BY G.C.).
15. PIPING FOR FUEL OIL SUPPLY AND RETURN, OIL FILL AND VENT SHALL BE SCHEDULE 40 BLACK STEEL ASTM-A-120 W/ MALLEABLE IRON SCREWED FITTINGS.
16. HEATING CONTRACTOR SHALL SET SLEEVES AND HANGER SUPPORTS IN BOILER ROOM CONCRETE ROOF SLAB BEFORE POURING OF SLAB. WALLS SHALL BE SEALED AFTER PIPING IS INSTALLED.

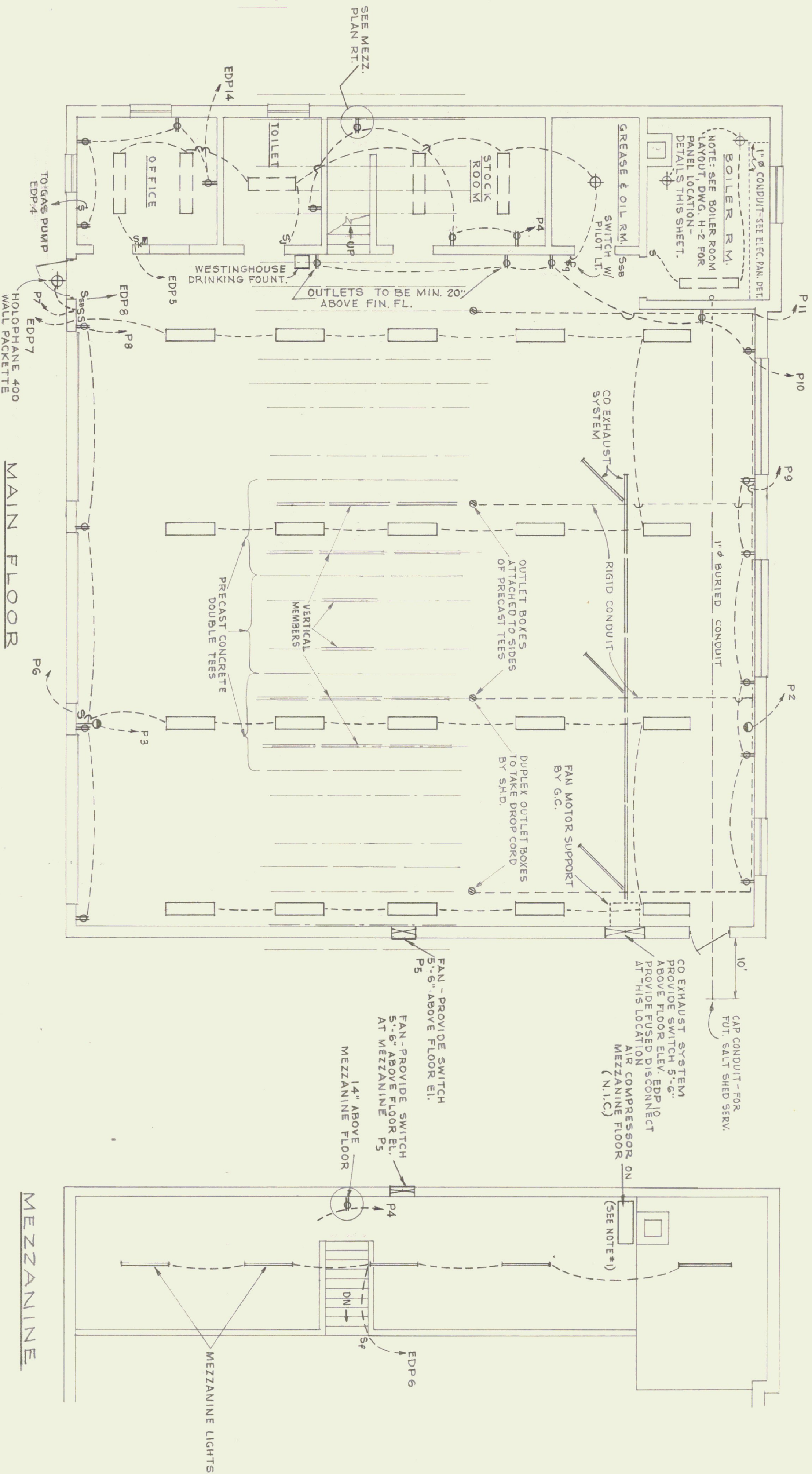
INITIALS	DATE	REVISIONS

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

SCALE AS NOTED

DATE: AUG. 4, '75	DESIGNED BY: GUS MASTRO	DWG. NO. H-2
DRAWN BY: S.H. MILLER	APPROVED BY: <i>Edgar M. M...</i>	2 OF 2

SERVICE ENTRANCE: UNDERGROUND
CONDUIT 4" Ø MIN. COVER 18"



ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"

MAIN DISTRIBUTION PANEL
1" Ø BURIED CONDUIT
UNDER SLAB FROM MAIN
UNDER SIDE ENTRANCE
BOX AT WELL ENTRANCE

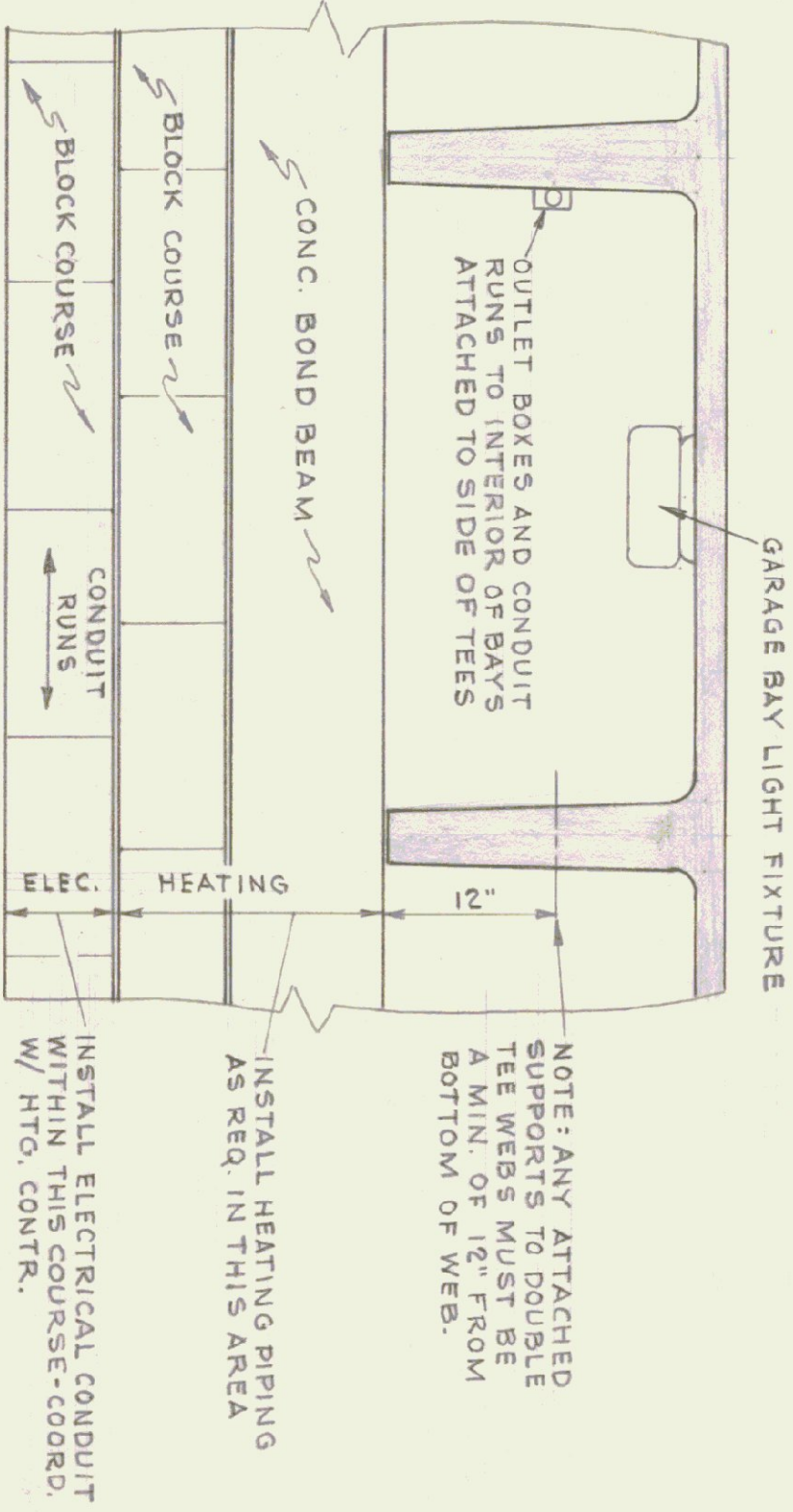
SUB-PANEL
TRANSFER SWITCH
PROVIDE INDIVIDUAL
PUMP MAGNETIC
STARTERS WITH
DISCONNECT
FUEL GAUGE
CAPILLARY TUBING TO
RUN BELOW GRADE IN
GAL. STEEL TUBING
(BY HTG. & PLBG. CONT.)

ELECTRIC PANEL LAYOUT
N.T.S.

POWER PANEL SCHEDULE				EMERGENCY DISTRIBUTION PANEL SCHEDULE			
PANEL P-1				PANEL EDP			
CIRC.	BRK. TYPE	EQUIPMENT SERVED	REMARKS	CIRC.	BRK. TYPE	EQUIPMENT SERVED	REMARKS
P-1	100	2	EMERGENCY DIST. PANEL	1	40	2	AIR COMPRESSOR
P-2	100	2	WELDING RECEPTICAL	2	20	1	BURNER
P-3	100	2	do.	3	20	2	WELL PUMP
P-4	20	1	TOILET & STOR. RM. RECEPT	4	20	1	GAS PUMP
P-5	20	1	BLDG. EXHAUST	5	20	1	OFFICE LIGHTING
P-6	20	1	SHOP LIGHTING	6	20	1	MEZZ. LIGHTING
P-7	20	1	do.	7	20	1	SHOP LIGHTING (MIDDLE BAY)
P-8	20	1	SHOP RECEPTACLES (FRONT)	8	20	1	BOILER ROOM LIGHTING
P-9	20	1	SHOP RECEPT. (REAR)	9	20	1	BOILER ROOM RECEPTS.
P-10	20	1	do.	10	20	2	VEHICULAR EXHAUST FAN
P-11	20	1	MID-BAY RECEPTS @ TS	11	20	1	HUH 1 & 2
P-12	20	1	CIRC. PUMP (ZONE #2)	12	20	1	CIRC. PUMP ZONE 1
P-13 to 16	20	1	SPARES	13	20	1	CIRC. PUMP ZONE 3
P-17 to 19	30	2	SPARES	14	20	1	OFFICE RECEPTACLES
P-20 to 24	20	1	SPARES	15-17	20	1	SPARES

GENERAL NOTES:

- SMITHCRAFT "TECH" 30-TEC-2-405 (MOUNT AT CONCRETE CEILING)
- WESTINGHOUSE 1-TUBE RS STRIP 5 STOR (MOUNT BETWEEN CONCRETE DOUBLE TEE JOISTS)
- SMITHCRAFT DOMINAIRE 6-PMA-2-40 (SURFACE MOUNT TO CEILING)
- THERMOSTAT - CONNECT TO CIRCUIT 12 AND 13 IN SUB-PANEL. MOUNT THERMOSTATS ON PLYWOOD 5'-6" OFF FLOOR (SEE H-1)
- 100 AMP WELDER OUTLET
- ALLOW FOR TELEPHONE - SLEEVE THROUGH EXTERIOR WALL AND CONDUIT TO FINAL LOCATION W/ BOX - COORDINATE WITH LOCAL TELEPHONE CO.
- BURNER SAFETY SWITCH - MOUNT 6'-0" ABOVE FIN. FL.
- ALL FLUORESCENT LIGHT FIXTURES TO MOUNTED BETWEEN CONCRETE DOUBLE TEES.
- EMERGENCY LIGHTING CIRC. SHOWN ON EDP PANEL
- ALL WALL OUTLETS OF OFFICE AND ROOM SPACES SHALL BE AT LEAST 48" OFF FLOOR.
- ALL ELECTRICAL CONDUIT FOR OFFICE, TOILET, TOOL RM. AND GREASE RM. CEILINGS SHALL BE CONCEALED IN THE CONC. MEZZ. SLAB.
- ALL WALL RECEPTACLES AND CONDUIT BELOW BOTTOM OF CONC. BOND BEAM SHALL BE CONCEALED EXCEPT. HORIZ. RUNS FROM MAIN SERVICE.
- BOILER ROOM - ELECTRICAL MAIN ENTRANCE: ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT SEALS IN ALL CONDUIT PASSING THROUGH FLOOR SLAB.



SECTIONAL ELEVATION
REAR WALL
SCALE: 1" = 1'-0"

INITIALS	DATE	REVISIONS
STATE OF VERMONT DIVISION OF STATE BUILDINGS AGENCY OF ADMINISTRATION MONTPELIER. VERMONT		
STANDARD 3 BAY HIGHWAY GARAGE BUILDING ELECTRICAL PLAN		
DATE: AUG. 4, '75 DRAWN BY: S.H. MILLER	DESIGNED BY: GUS MASTRO APPROVED BY: S.H. MILLER	DWG. NO. E-1 1 of 1