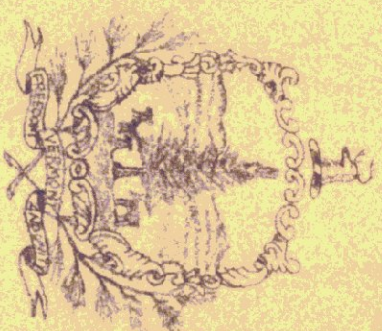


STATE OF VERMONT



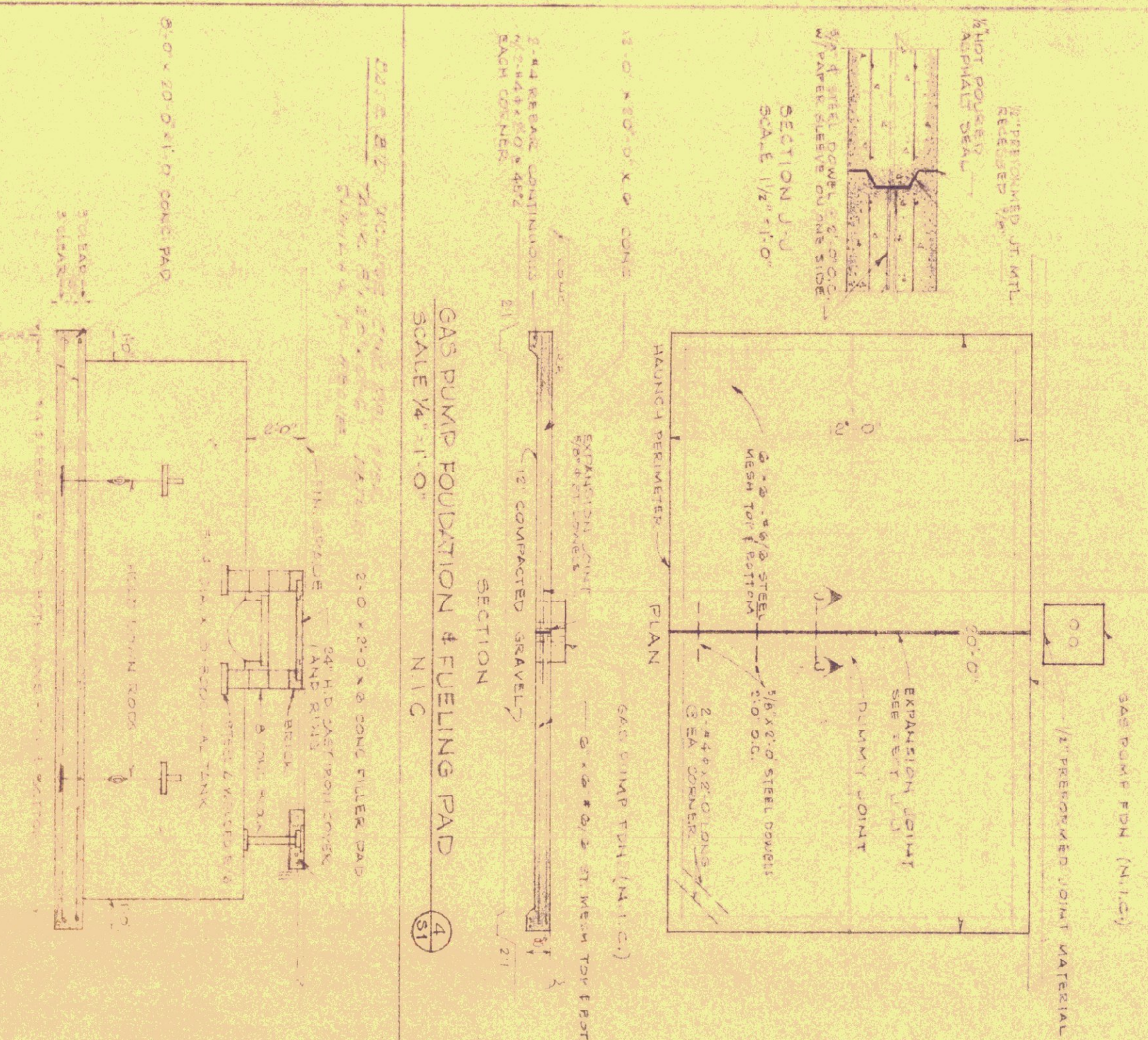
BORING #1
STA 4+97
NORTH 145
ELEV 616.40
GRAVEL
CORRSD GRAY

BORING #2
STA 4+97
NORTH 45
ELEV 616.30
GRAVEL
GRAND

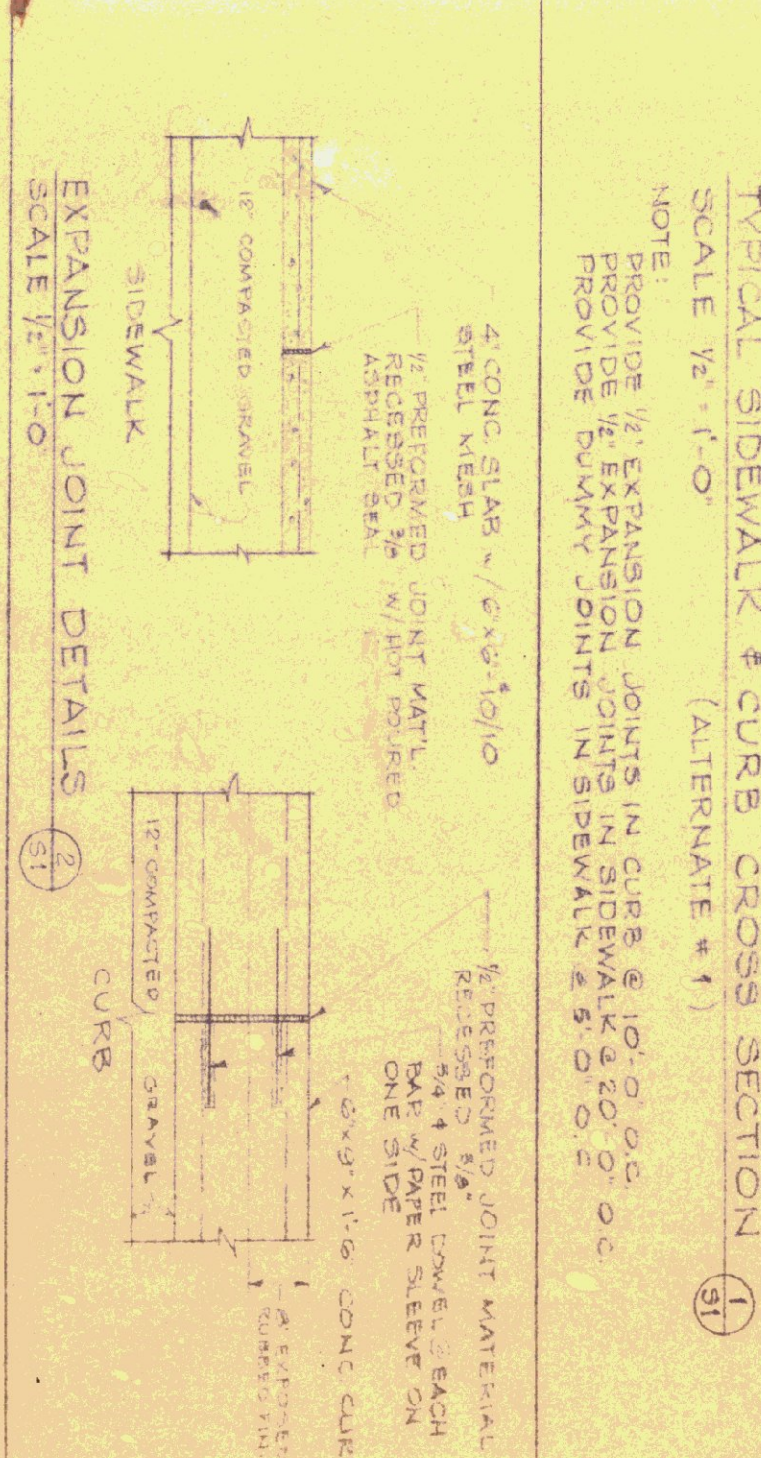
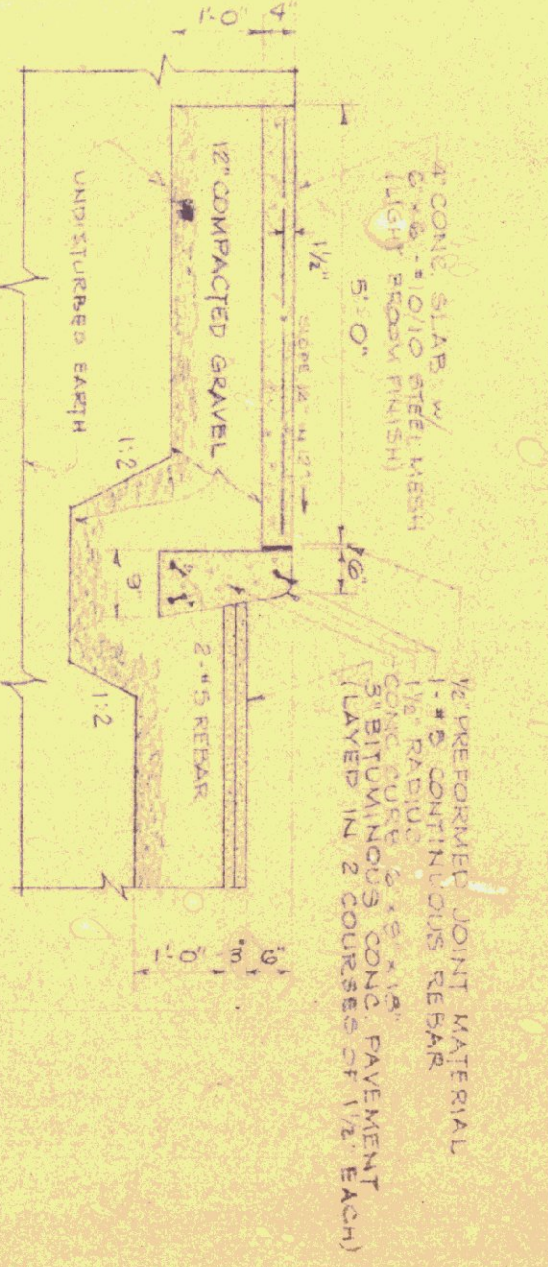
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STA 1+45
NORTH 137
ELEV 615.70
GRAVEL
GRAND

BORING #4
STA 4+45
NORTH 114
ELEV 616.60
GRAVEL
GRAND

BORING #5
STA 1+75
NORTH 50
ELEV 616.10
CLAY
GRAVEL



AGENCY OF ADMINISTRATION
DIVISION OF STATE BUILDINGS
ST. JOHNSBURY OFFICE BUILDING



INDEX OF DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE PAGE, SITE PLAN, AND DETAILS
2	FIRST FLOOR PLAN AND ROOF SCHEDULE
3	FOUNDATION PLAN AND CONCRETE DETAILS
4	ROOF FORMING PLAN AND DETAILS
5	ELEVATIONS AND FLASHING AND STAIRCASE DETAILS
6	BUILDING CROSS SECTION AND DETAILS
7	ROOM FINISH SCHEDULE, DOOR/JAMB DETAILS, COUNTER DETAILS, AND ONE-WAY MIRROR DETAILS
8	WINDOW DETAILS, GARAGE DOOR DETAILS, CHIMNEY DETAILS
9	MAIN ENTRANCE DETAILS AND TYPICAL WINDOW ELEVATIONS
10	TOILET DETAILS AND INTERIOR ELEVATIONS
11	KITCHEN DETAILS (CABINETS, CHALKBOARD, COAT ROOF, SHELVE)
12	ELECTRICAL PLAN AND SCHEDULES
13	PLUMBING, PEST PLAN AND DETAILS
14	PUMPING PLAN AND SCHEDULE
15	HEATING PLAN AND SCHEDULE
16	HEATING DETAILS
17	VENTILATING PLAN AND DETAILS

REVISIONS			
Revision	by	date	

APPROVED: <i>James B. Baker</i>		Date: <i>6/30/72</i>
Director		
APPROVED: <i>James B. Baker</i>		
Chief Engineering Consultant		
Drawn by <i>CEH</i>	Date <i>6/1/72</i>	Dwg. No. <i>S-1</i>
Checked by <i>JS</i>	Date <i>6/30/72</i>	Sheet <i>1 of 17</i>



D.O.O.R. SCHEDULE

Nº	SIZE	THICK	TYPE	MATERIAL	FRAME	ROOM#	REMARKS
FOR 200 SERIES ROOMS - DEPT. OF PUBLIC & DEPT. OF MOTOR VEHICLES							
1	3'-0" x 7'-0"	1 3/4"	L	ALUM.	ALUM.	201	Alum Saddle Gable joints & head
2	3'-0" x 7'-0"		L	ALUM.	ALUM.	201	
3	3'-0" x 6'-6"		D	WOOD	STEEL	205	
4	2'-6" x 6'-6"		C			do.	
5	2'-6" x 6'-6"		C			do.	
6	3'-0" x 6'-6"		D			205	
7	3'-0" x 6'-6"		C			do.	
8	2'-6" x 6'-6"		C			206	
9	2'-6" x 6'-6"		C			207	
10	3'-0" x 6'-6"		D			210	
11	3'-0" x 6'-6"		D			211	
12	3'-0" x 6'-6"		D			212	
13	3'-0" x 6'-6"		D			213	
14	3'-0" x 6'-6"		D			214	
15	3'-0" x 6'-6"		D			215	
16	3'-0" x 6'-6"		D			216	
17	3'-0" x 6'-6"		D			217	
18	3'-0" x 6'-6"		D			218	
19	3'-0" x 6'-6"		D			219	
20	3'-0" x 6'-6"		D			220	
21	3'-0" x 6'-6"		D			221	
22	3'-0" x 6'-6"		D			222	
23	3'-0" x 6'-6"		D			223	
24	3'-0" x 6'-6"		D			224	
25	3'-0" x 6'-6"		D			225	
26	3'-0" x 6'-6"		D			226	
27	3'-0" x 6'-6"		D			227	
28	3'-0" x 6'-6"		D			228	
29	3'-0" x 6'-6"		D			229	
30	3'-0" x 6'-6"		D			230	
31	3'-0" x 6'-6"		D			231	
32	3'-0" x 6'-6"		D			232	
33	3'-0" x 6'-6"		D			233	
34	3'-0" x 6'-6"		D			234	
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38	3'-0" x 6'-6"		D			238	
39	3'-0" x 6'-6"		D			239	
40	3'-0" x 6'-6"		D			240	
41	3'-0" x 6'-6"		D			241	
42	3'-0" x 6'-6"		D			242	
43	3'-0" x 6'-6"		D			243	

REVISIONS

REVISION	BY	DATE
1		
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STATE OF VERMONT

STATE BUILDINGS DIVISION

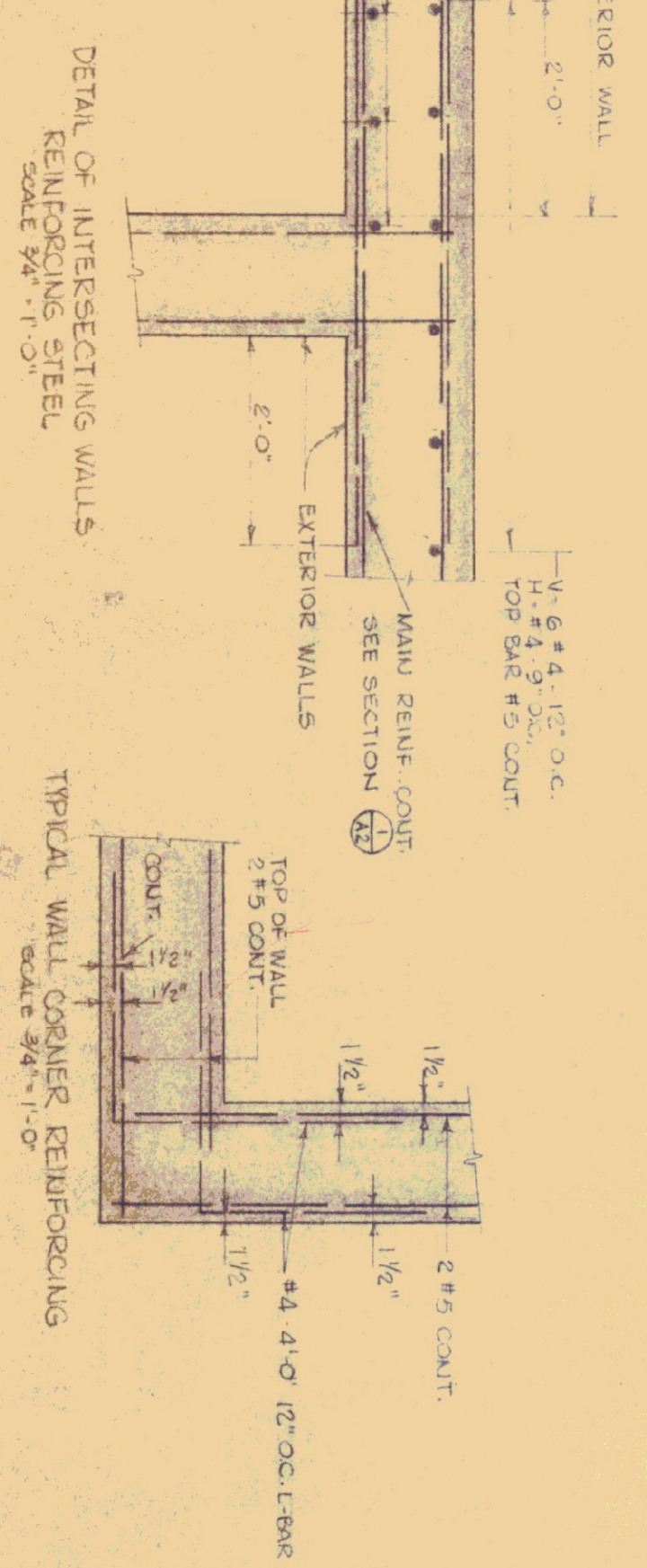
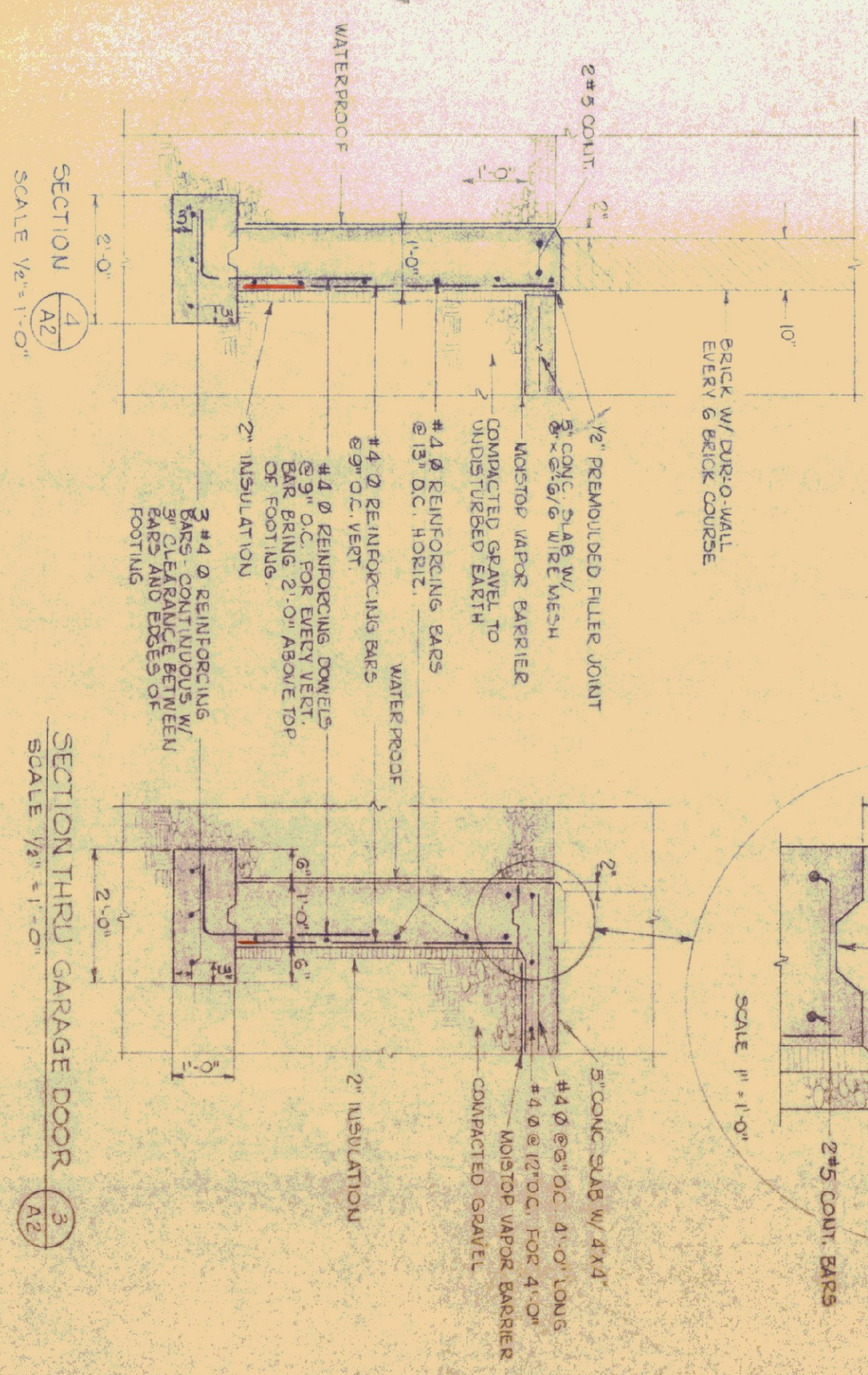
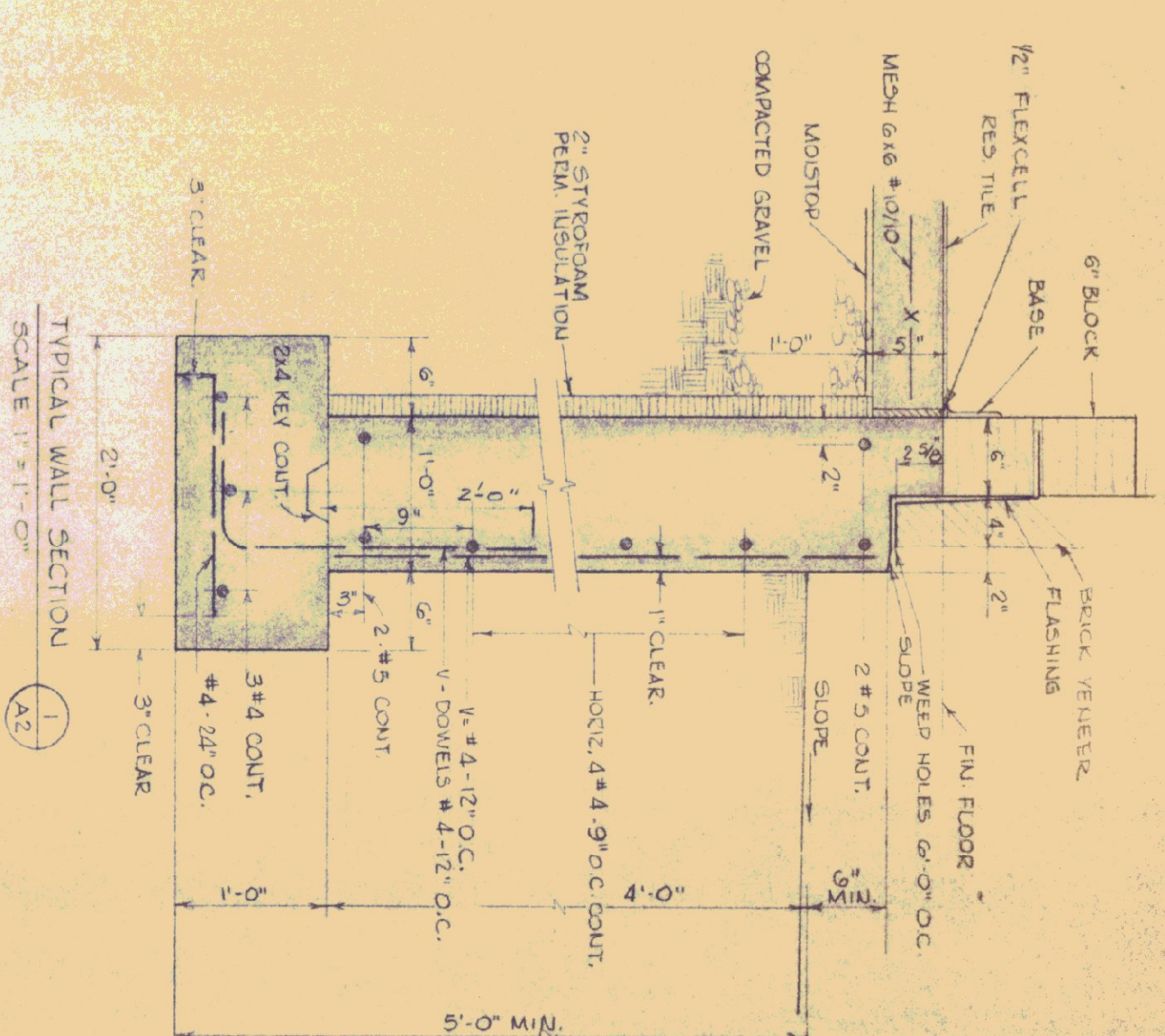
DEPARTMENT OF ADMINISTRATION

VERMONT

ST. JOHNSBURY OFFICE BUILDING

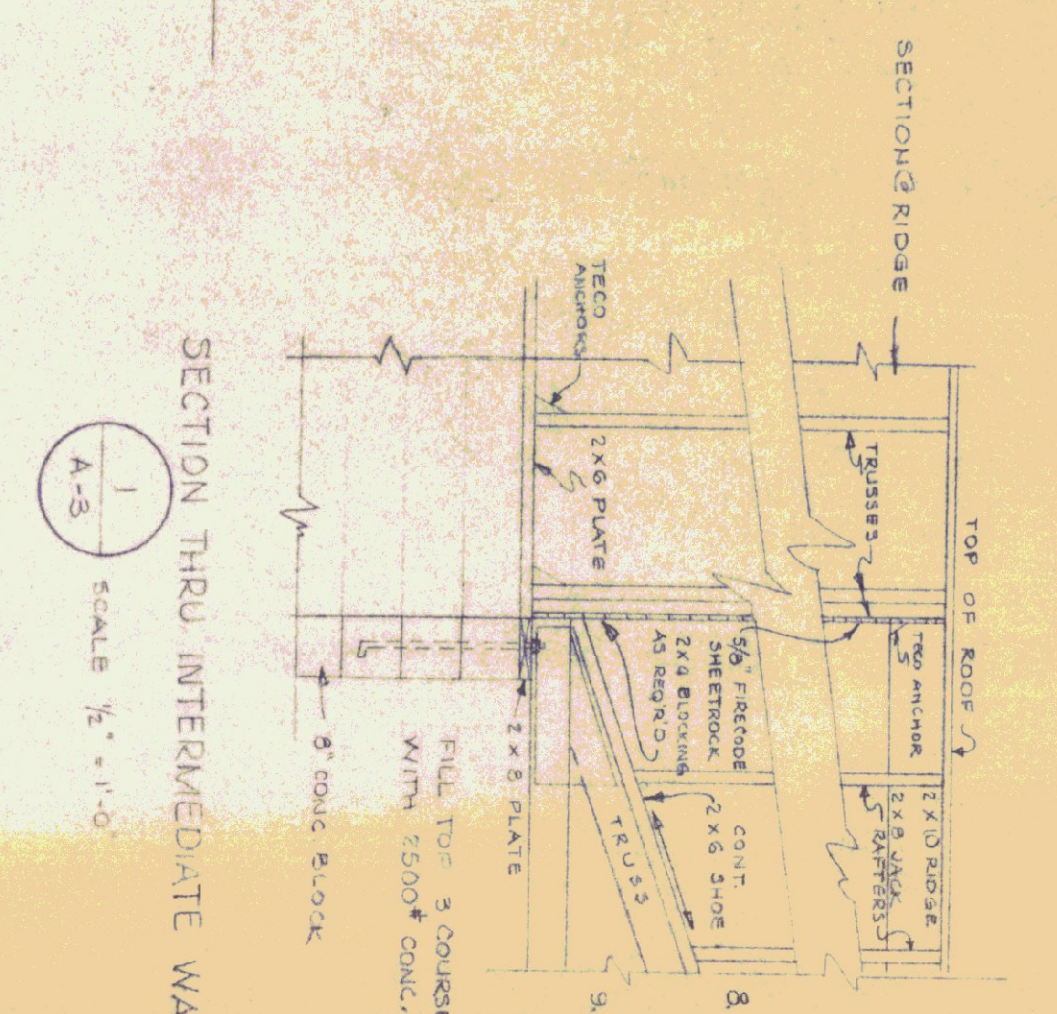
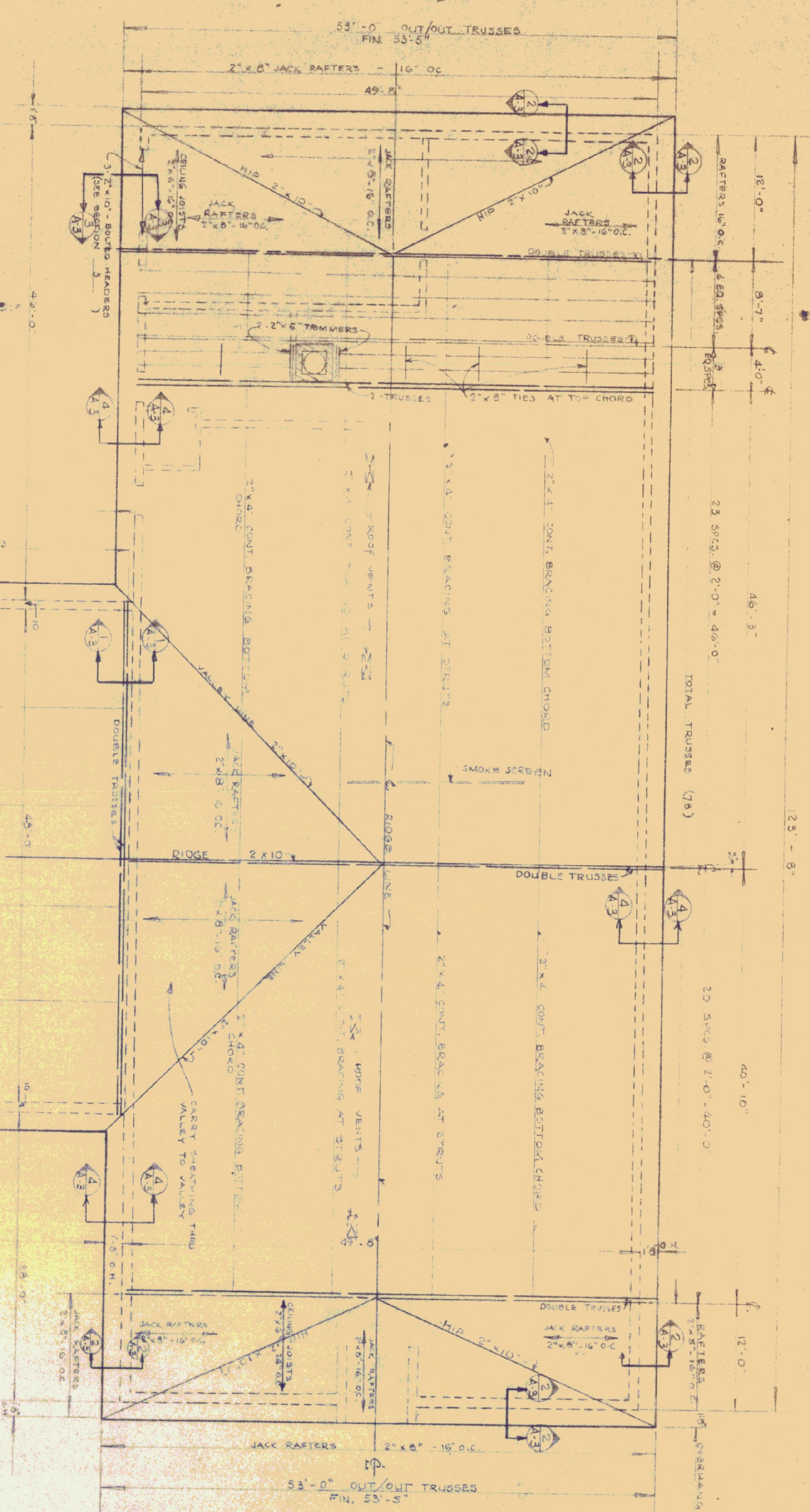
First Floor Plan and Door Schedule

DATE: 4/24/72	DESIGNED BY: J.S.	CHECKED BY: J.S.	DWG. NO. A-1
DRAWN BY: C.E.H.	APPROVED BY:	DATE: 6/30/72	2 OF 17

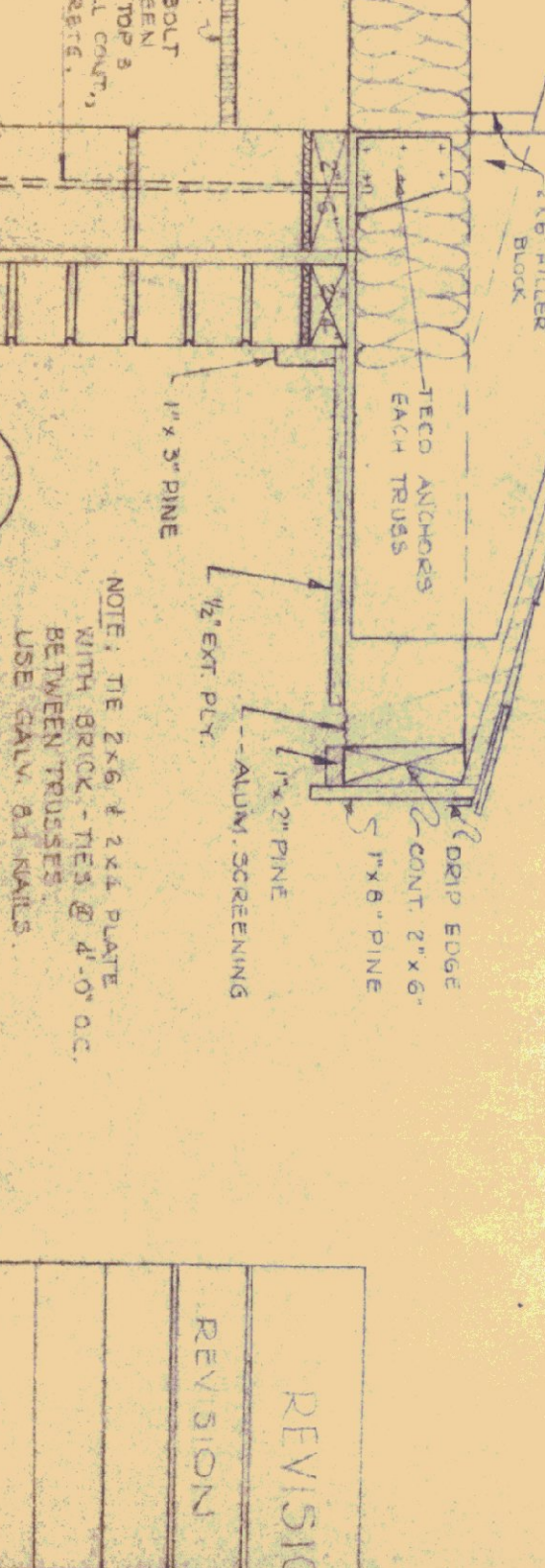
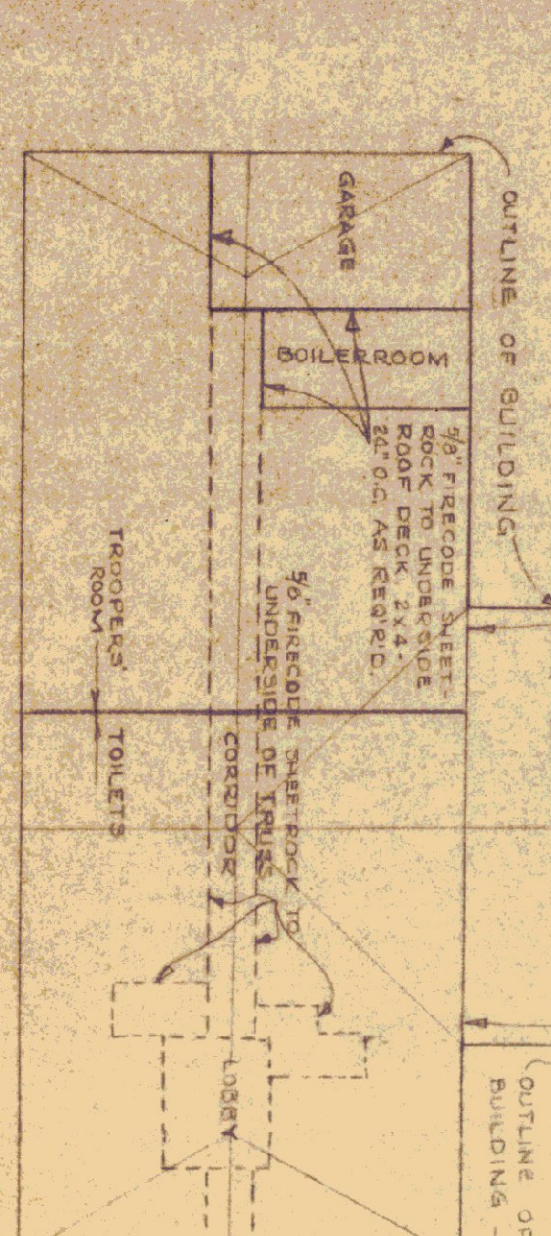
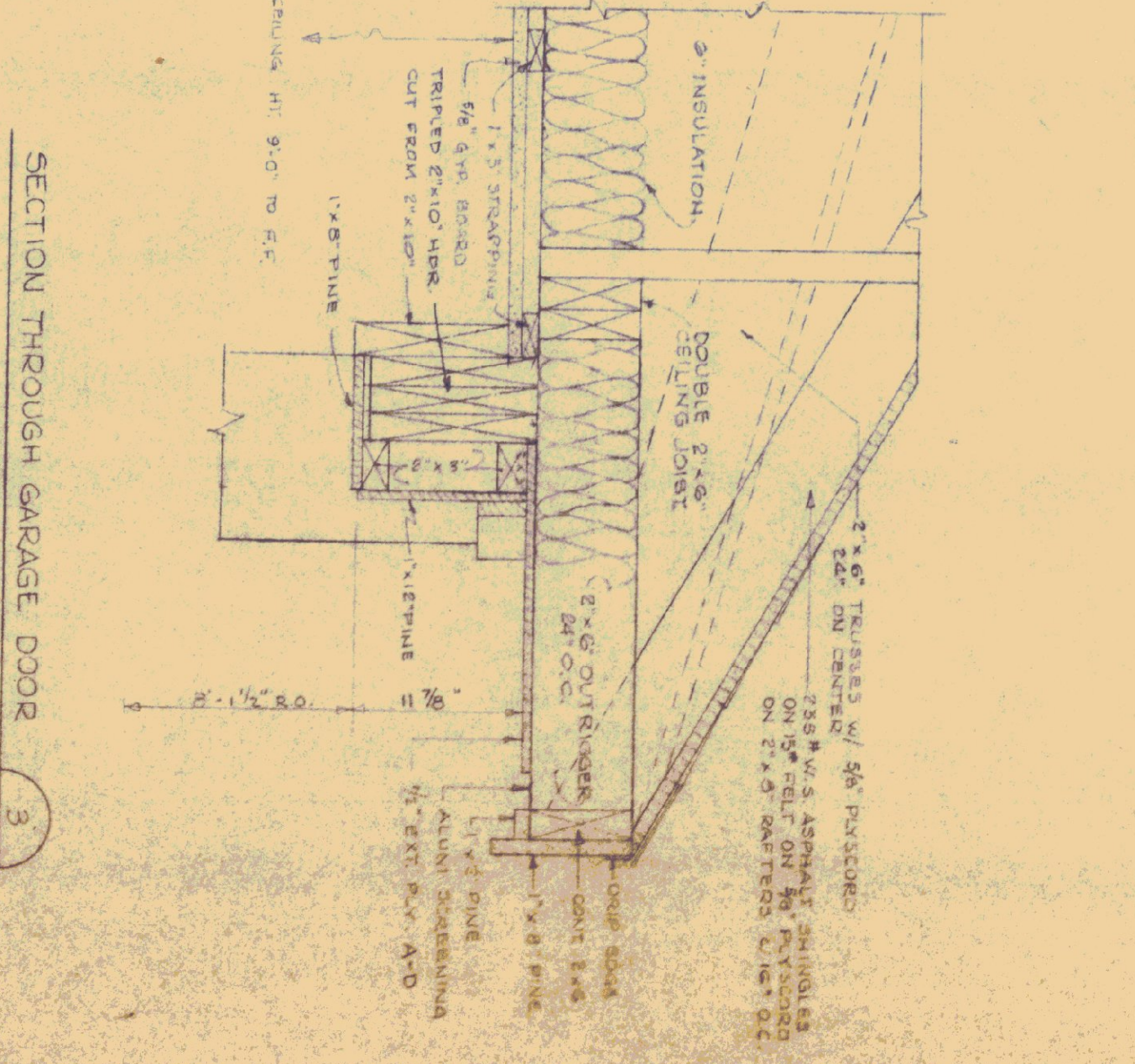
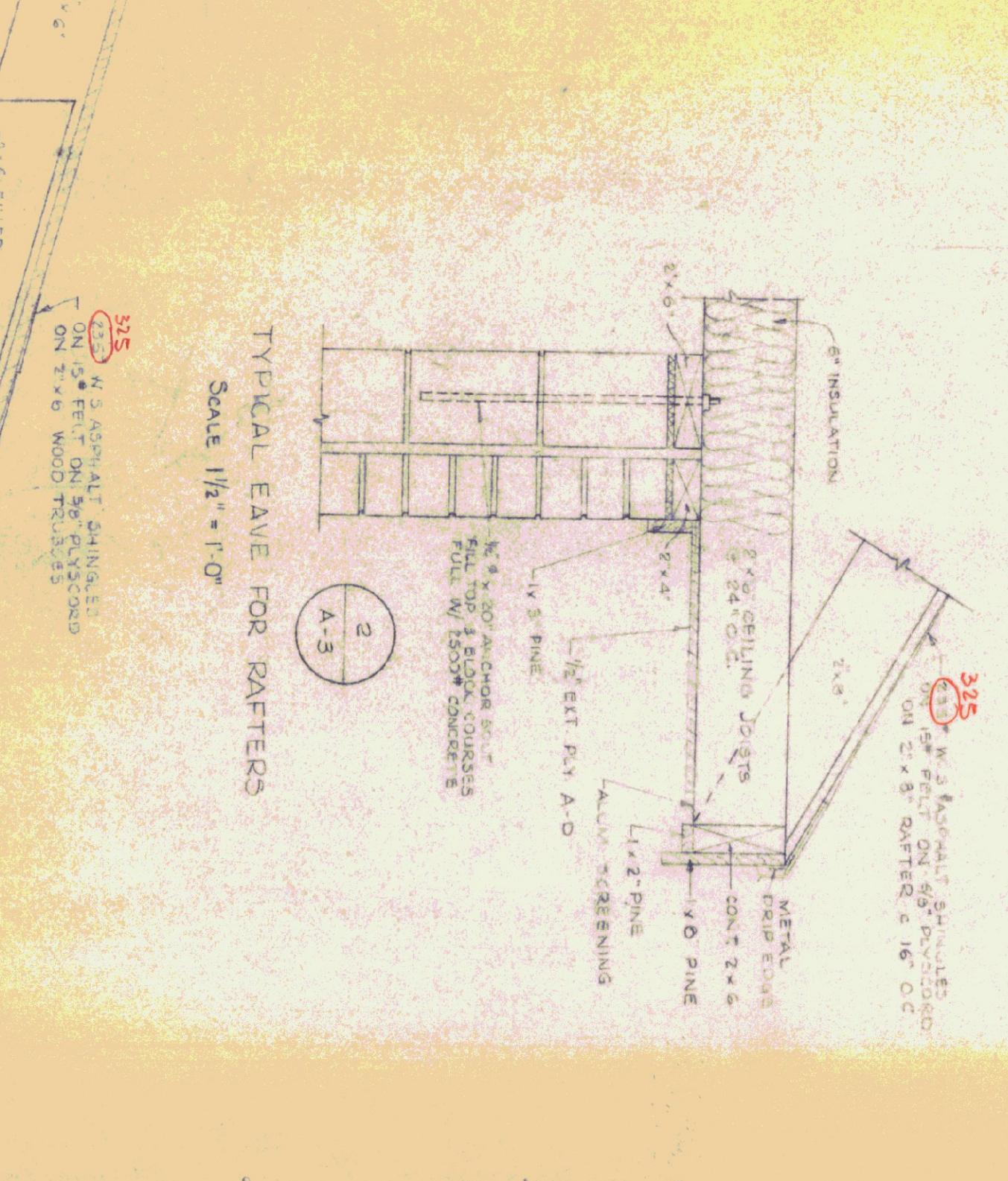
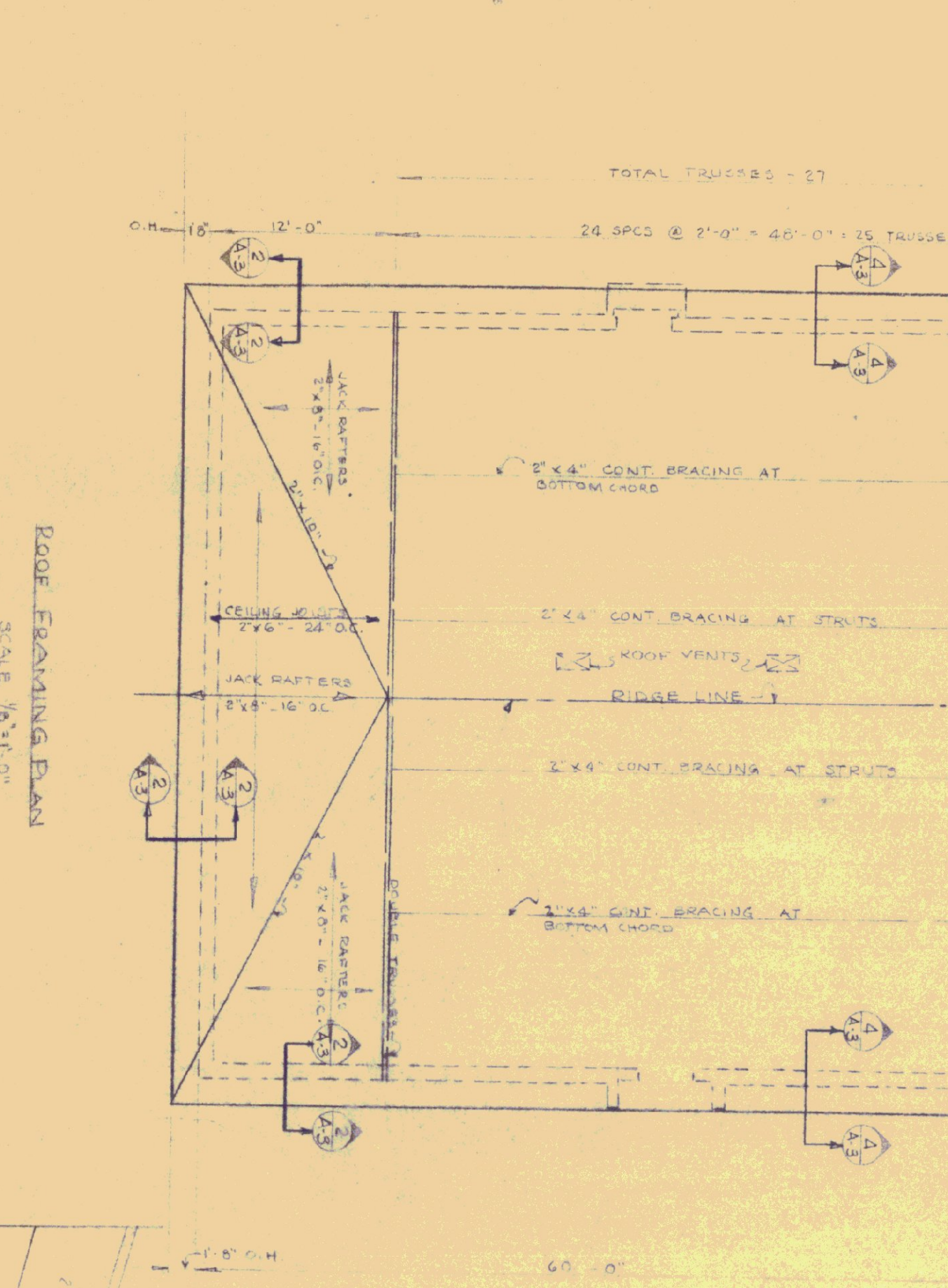
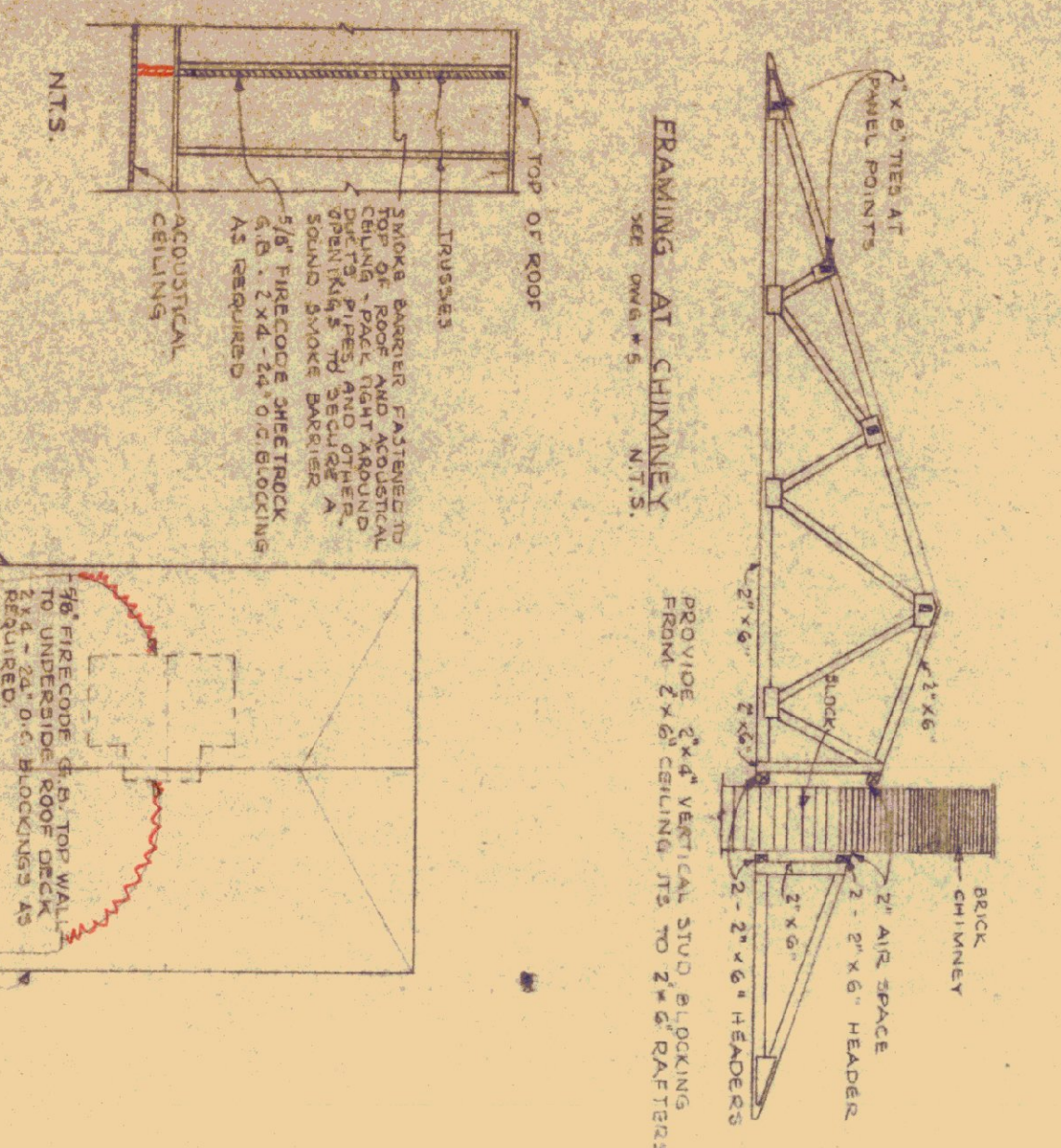


ST JOHNSBURY OFFICE BUILDING	
Foundation Plan & Concrete Details	
DATE: 4-27-72	DESIGNED BY:
DRAWN BY: P.V.	APPROVED BY:
DATE: 6/30/72	CHECKED BY: JDS
DWG. NO. A-2	
<u>3</u> OF <u>11</u>	

NOTE:
GARAGE CEILING JOISTS
2"x6" @ 16" O.C. WITH CROSS
BRIDGING 2"x4" @ 8' MIDSPAN
FIN. CTS. AT 9'-0"



- GENERAL NOTES:**
1. ROOF TRUSSES SHALL BE DESIGNED FOR 50^{PSF} SNOW LOAD + D.L.
 2. THE CONTRACTOR MUST SUBMIT DETAILED SHOP DRAWINGS OF ROOF TRUSSES (4) COPIES FOR APPROVAL BEFORE FABRICATION.
 3. FOR ERECTION, THE CONTRACTOR MUST BRACE LATEROALLY AND USE SWAY BRACING OF ALL TRUSSES SET DAILY. BRACING IS NOT TO BE REMOVED UNTIL ROOF IS COMPLETELY SHEATHED. AVOID STACKING BUNDLES OF SHINGLES ON ROOF UNTIL COMPLETELY BRACED.
 4. ROOF SHEATHING WILL BE COVERED OR PROTECTED DAILY.
 5. ALL CONNECTIONS OF TRUSSES TO PLATE TO BE WITH NAILED TEO ANCHORS, HEADERS AND TRIMMERS TO BE ANCHORED WITH TEO METAL ANCHORS.
 6. SILLS FOR TRUSS BEARINGS TO BE TREATED WITH WOOD LIFE ON ALL SIDES.
 7. TRUSSES: USE PLYWOOD GUSSETS 1/2" GRADE CD-EXT. DEPA MEMBER SIZES: 2" x 6" TOP & BOTTOM CHORD, AND 2" x 4" STRUTS. CONSTRUCTION GRADE, DOUGLAS FIR, OR #3 SOUTHERN PINE 1500 F.S.I.
 8. NAILING: 2" x 6" MEMBERS 3-ROWS 6d @ 4'-0" CONT. 2" x 4" MEMBERS 2-ROWS 6d @ 4'-0" CONT.
 9. ADHESIVE - GEORGIA PACIFIC WATER & MOLD RESISTANT MEETING OF TOP AND BOTTOM CHORDS - BLOCK SOLID SLOPE 12:14. TOTAL LENGTH 52'-9" OUT/OUT.
 10. BEAMS: TOP 3 COURSES POURED SOLID TO BE DONE AT LEAST 7 DAYS BEFORE PLACING OF TRUSSES. SHORING REQUIRED OF OPENINGS. WHILE SETTING OF TRUSSES IF BOND BEAM LESS THAN 28 DAYS, ROOF VENTS (6X16) SHALL BE LOREN CORK CO. OR APPROVED EQUAL. COMPLETELY FLASHED W/ 20:1 COPPER. EACH PAINTED FLAT BLACK ON EXTERIOR. FRAME W/ 2"x6" HEADERS & 1"x8" CURB E.S. WITH CHALK E.E.T.
 11. ALL MASONRY OPENINGS TO BE SHORED WHILE POURING OF UNTEL BEAMS. TOP 3 COURSES POURED SOLID TO BE DONE AT LEAST 7 DAYS BEFORE PLACING OF TRUSSES. SHORING REQUIRED OF OPENINGS. WHILE SETTING OF TRUSSES IF BOND BEAM LESS THAN 28 DAYS, ROOF VENTS (6X16) SHALL BE LOREN CORK CO. OR APPROVED EQUAL. COMPLETELY FLASHED W/ 20:1 COPPER. EACH PAINTED FLAT BLACK ON EXTERIOR. FRAME W/ 2"x6" HEADERS & 1"x8" CURB E.S. WITH CHALK E.E.T.

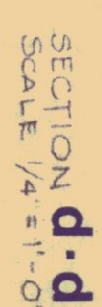
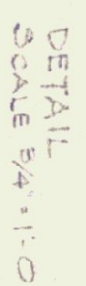
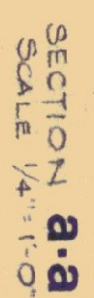
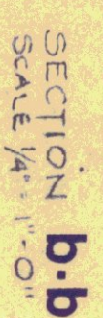


REVISIONS		
REVISION	BY	DATE

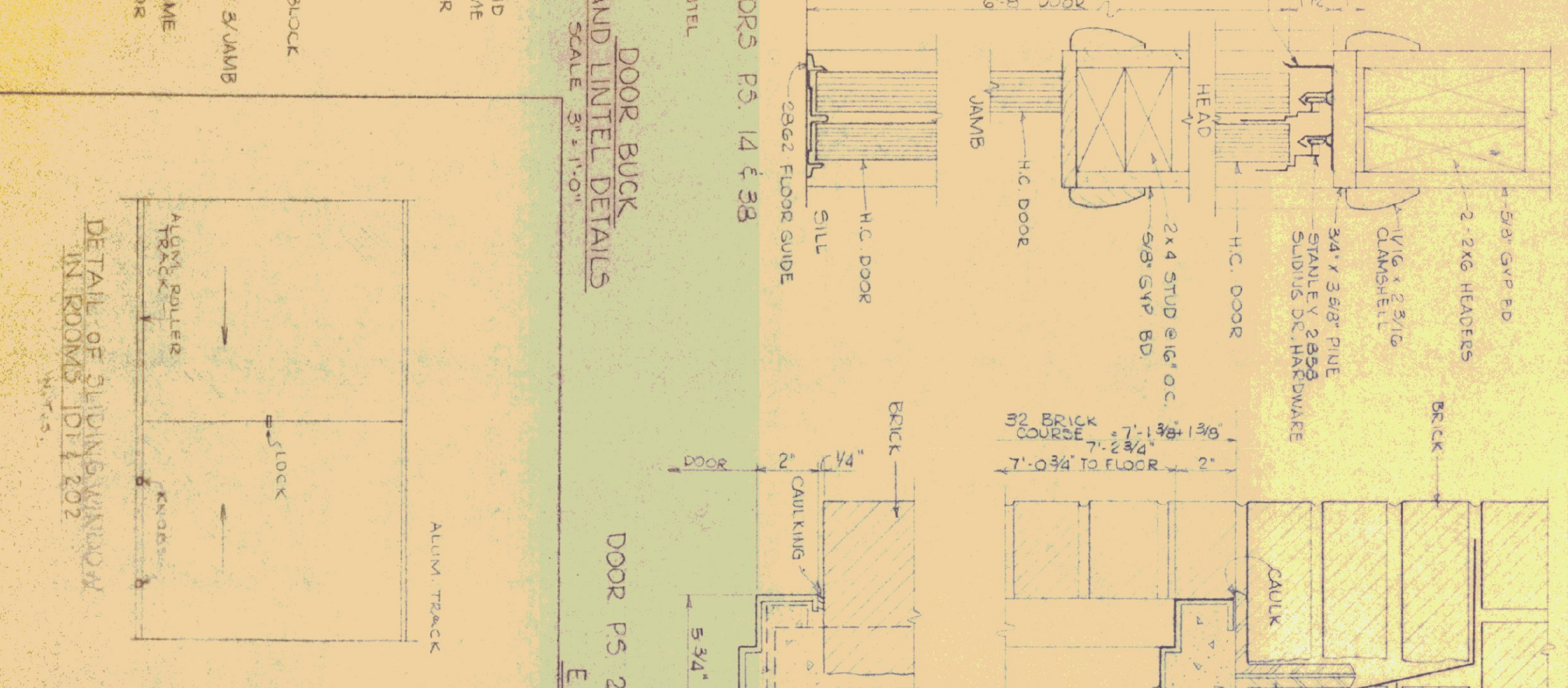
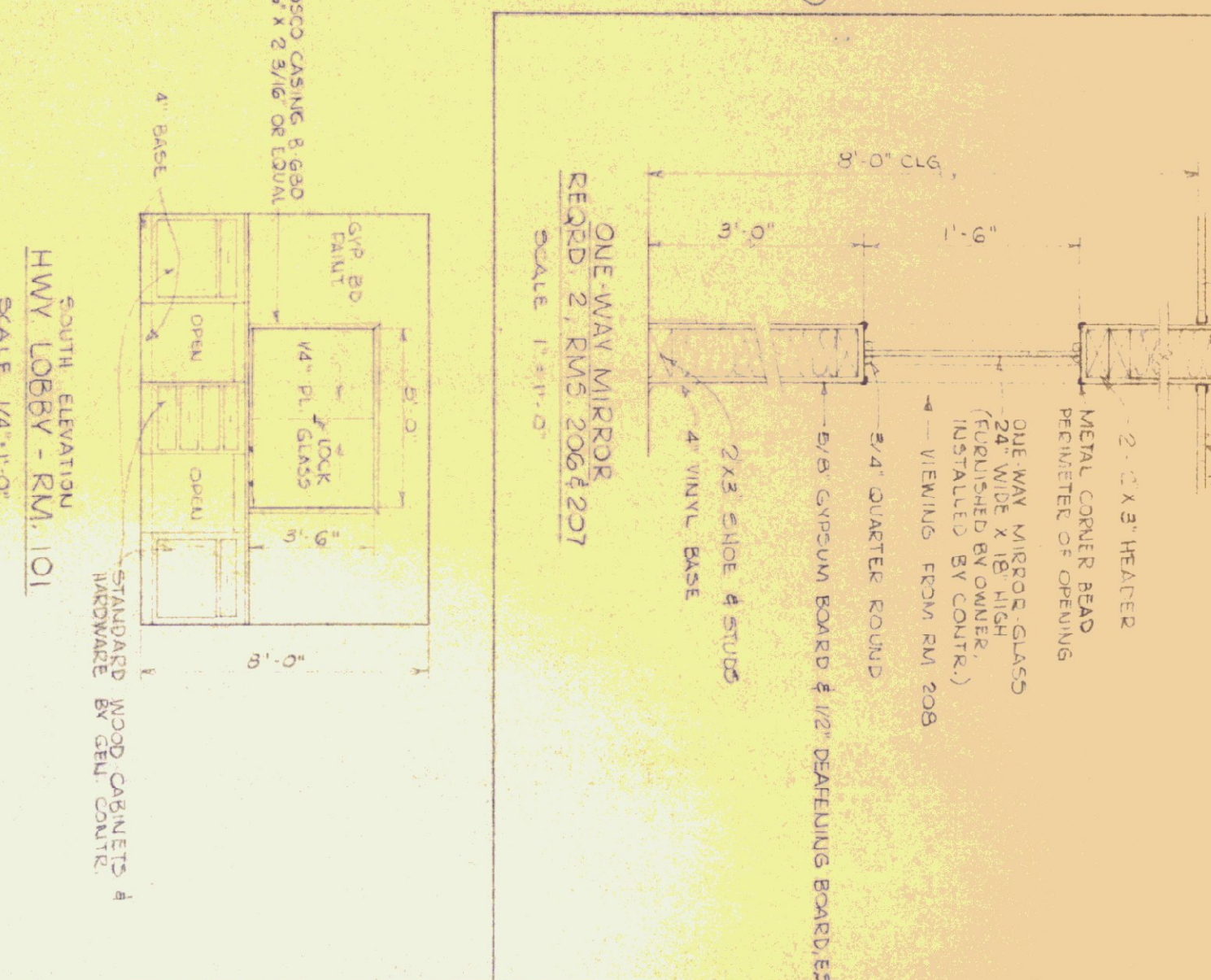
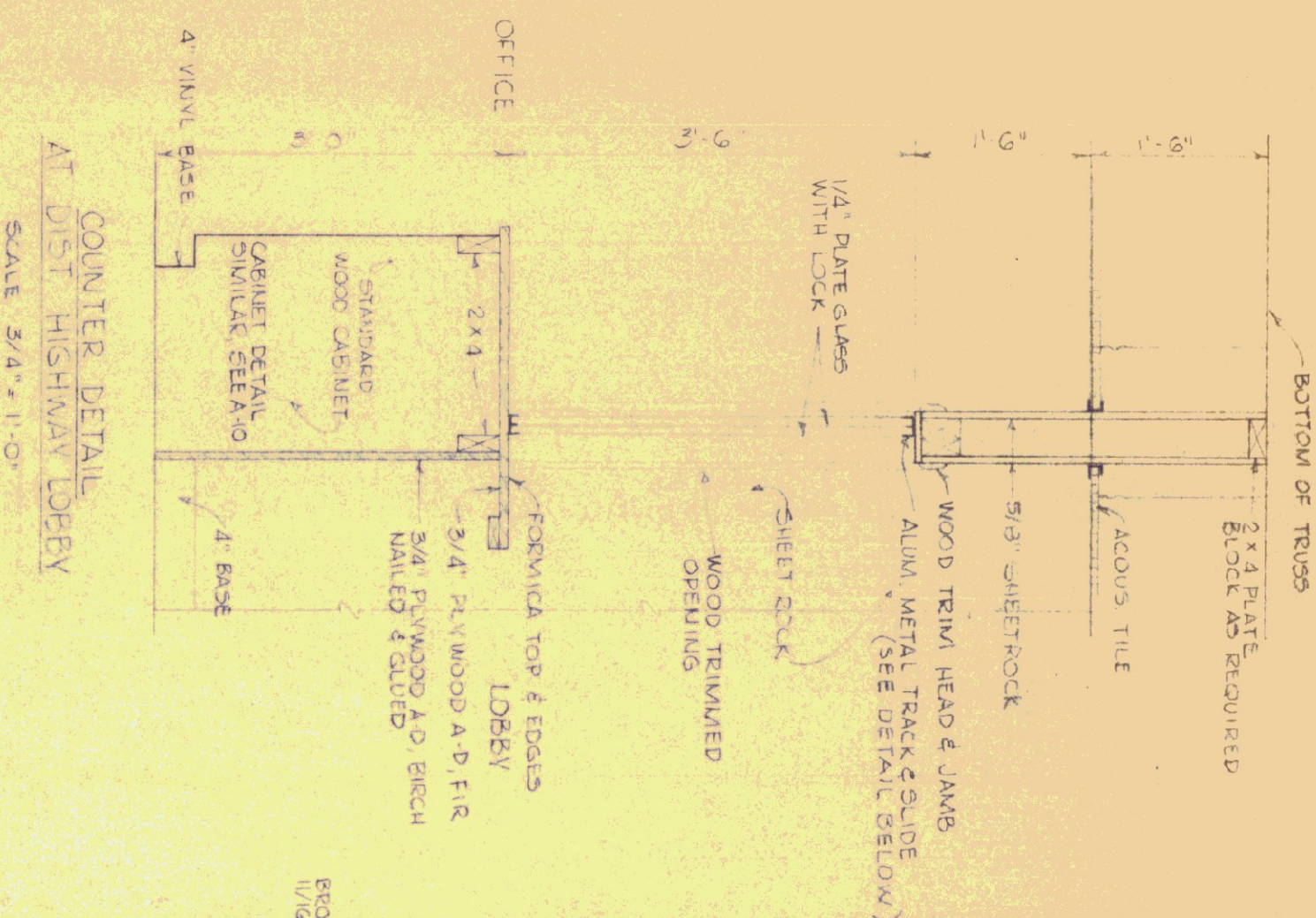
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DRAWN BY: JVS	APPROVED BY: JVS	DATE: 6/4/72	4 OF 17

ST. JOHNSBURY OFFICE BUILDING
Roof Framing Plan & Details

STATE OF VERMONT
DEPARTMENT OF ADMINISTRATION
MONTPELIER, VERMONT



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

[illegible]

WINDOW SCHEDULE			
WINDOW NO.	ROUGH OPENING	WINDOW DIMENSION	REMARKS
1	6'-2" x 4'-7 1/2"	5'-11 1/2" x 4'-5 1/4"	DOUBLE HORIZ ROLLING ALUM WINDOW W/ THERMAL INTEGRITY W/ SCREEN
2	5'-11 1/2" x 1'-10 5/8"	5'-1" x 1'-9"	PELLA AMUNIS WINDOW-HOPPER UNIT # 52614 W/ POLE & TRANSDUCER
3	4'-0 1/2" x 4'-0 1/2"	4'-0" x 4'-0"	ANDERSON PELLA-SHIELD GLIDING WINDOW W/ THERMAL INTEGRITY & SCREEN

3	5, 4 x 1/2	7'-0"	WINDOWS RM. 102, 103, 104	(1) EACH
1	5 x 3 1/2 x 7/16	5'-0"	WINDOW, RM. 211	
2	DO.	4'-0"	DOOR PS. 21	BACK WALL EXT.
	DO.		DOOR PS. 19	BRICK VENEER EXT.
1	DO.	DO.	DOOR PS. 18	DO.
1	DO.	DO.	DOOR HWY. 14	DO.
2	DO.	DO.	DOOR PS. 43, 23, 25 & HWY. 12	(2) EACH @ BRICK WALLS
7	4 x 5 x 1/2	4'-6"	DOOR PS. 20	(ENERGYSERV. GENERATOR ROOM)

NOTE: ALL OPENINGS THROUGH MASONRY TO HAVE 4 x 3 1/2 x 5/8" STEEL & LUNETS.

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



WINDOW ①



WINDOW ②

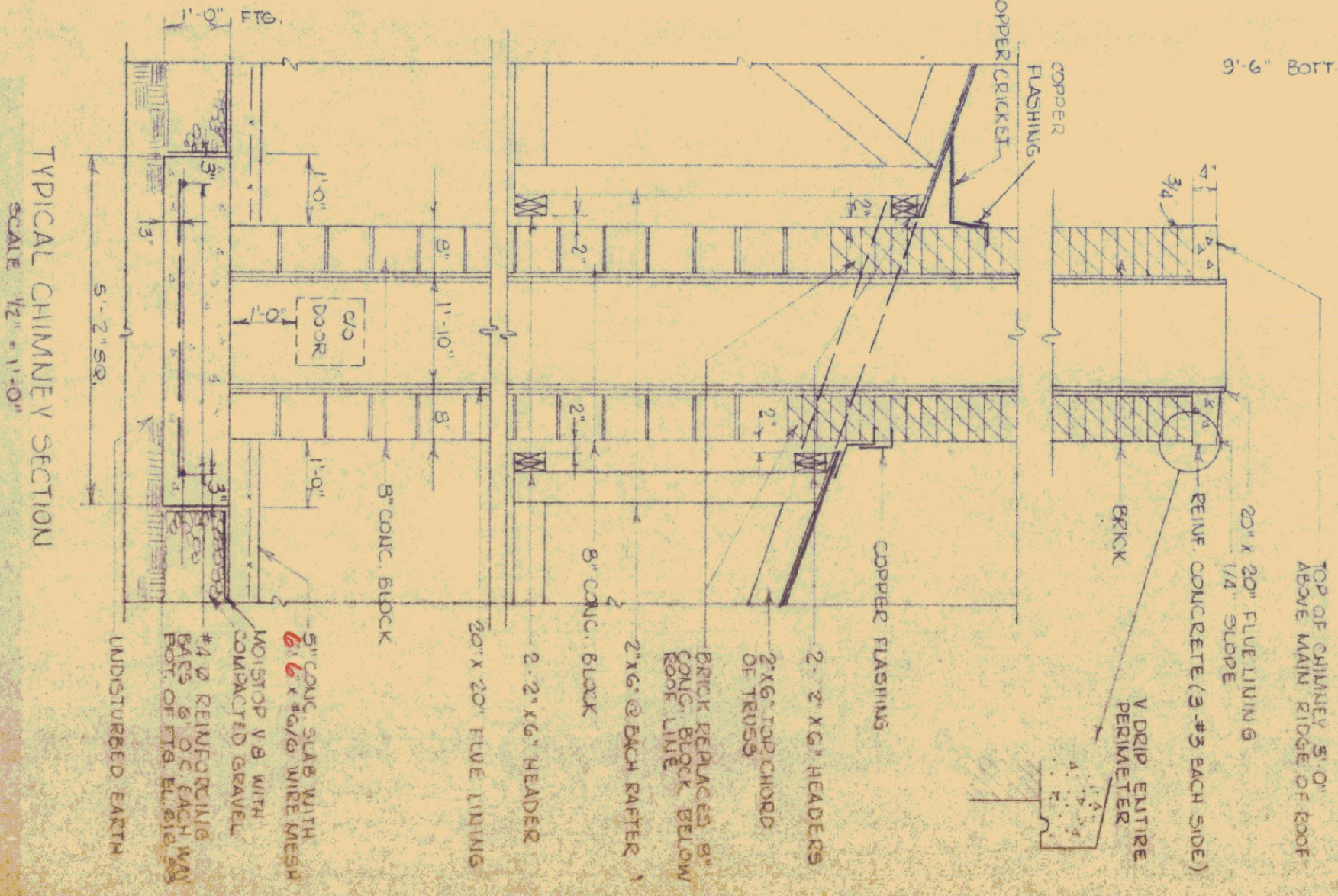
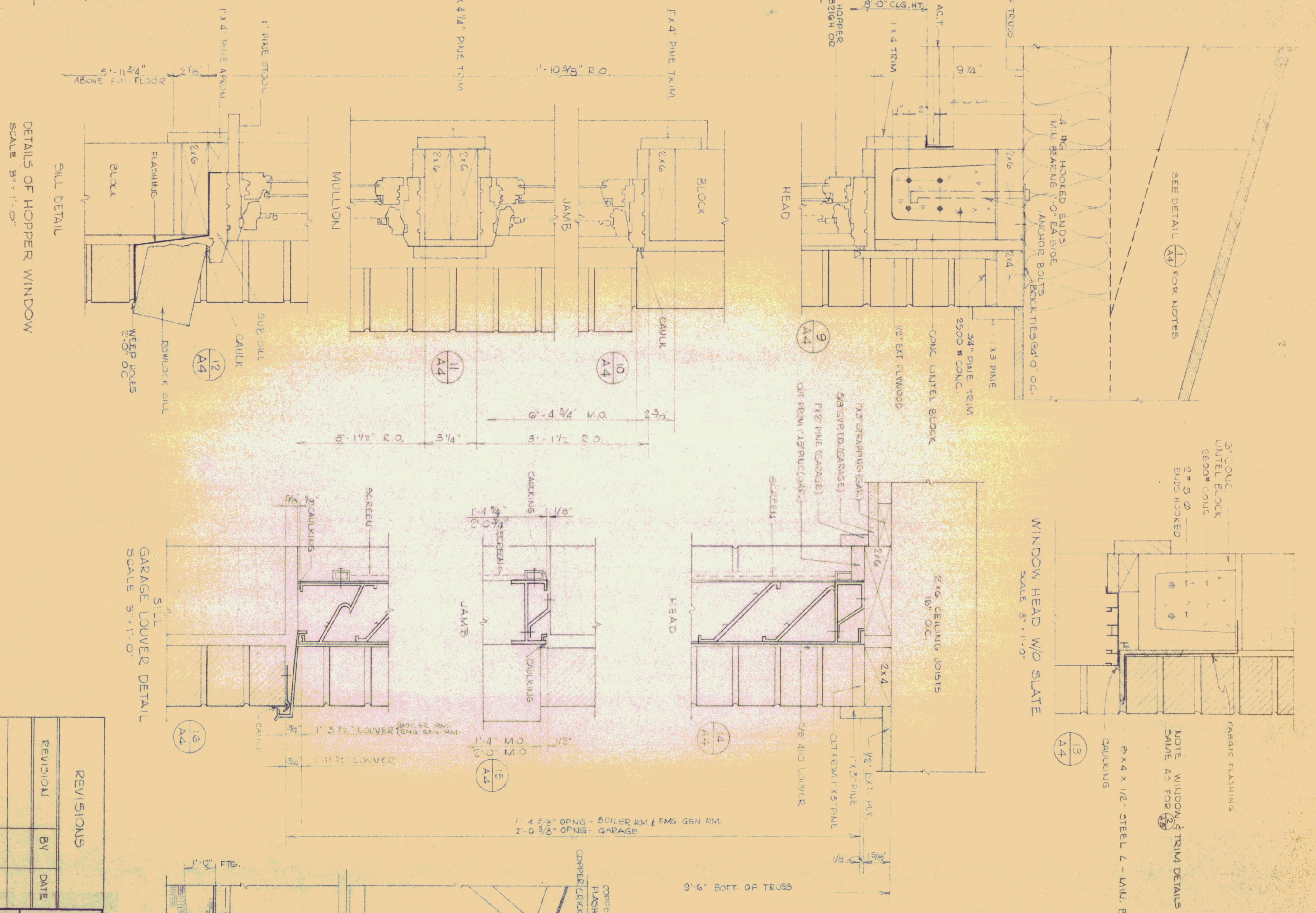
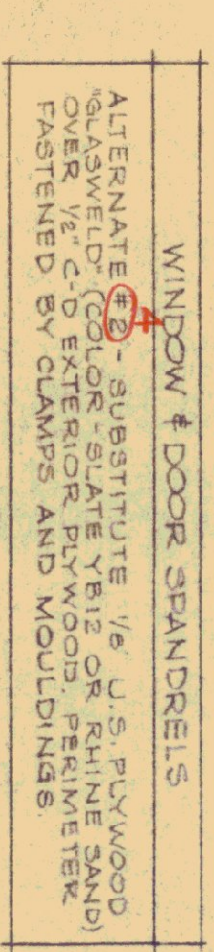
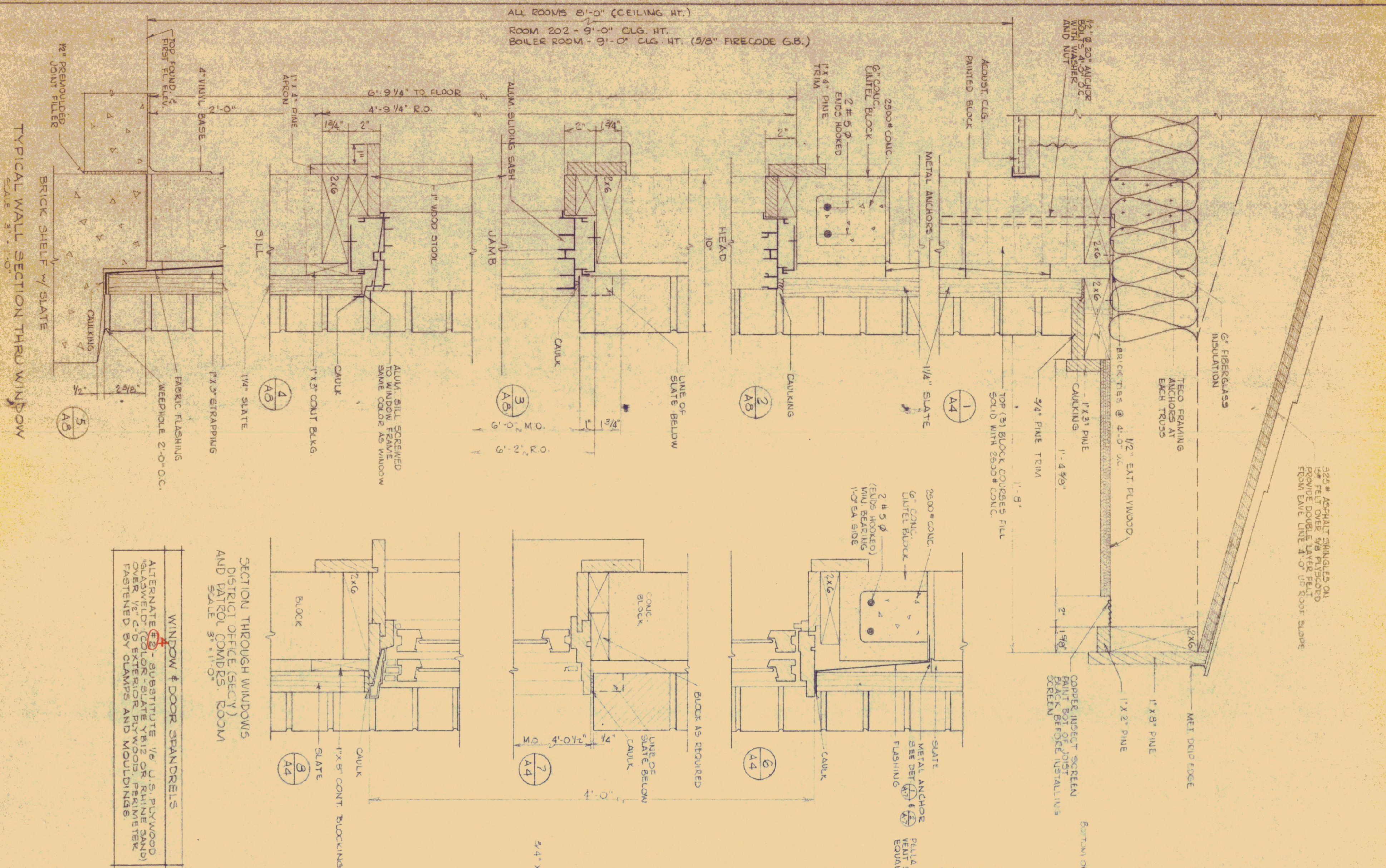


WINDOW ③

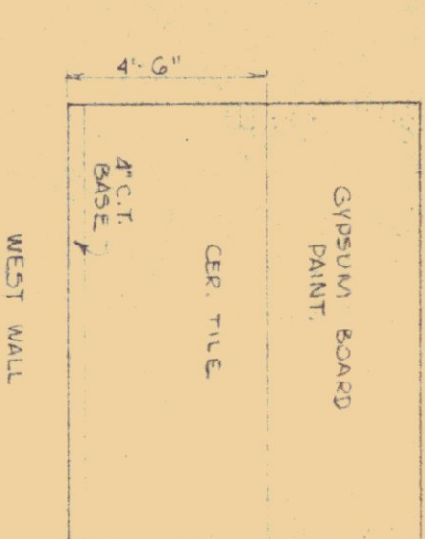
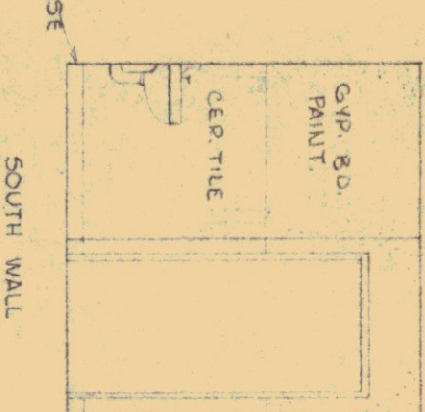
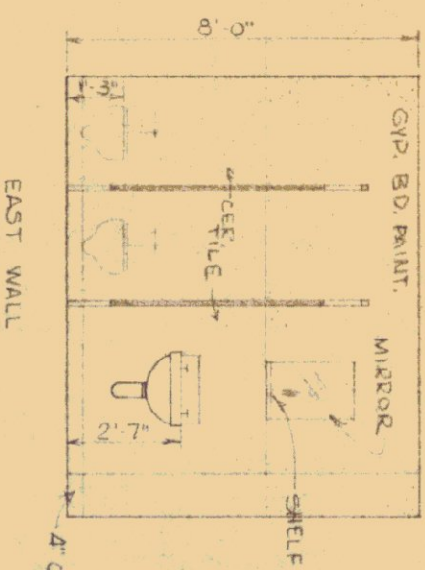
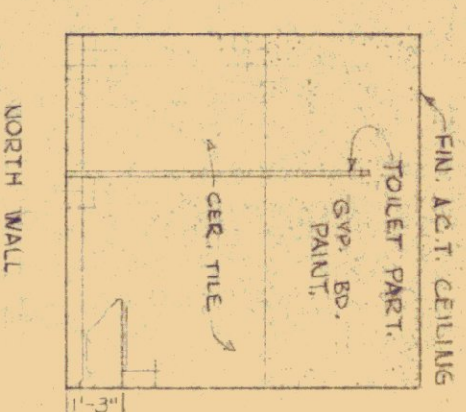
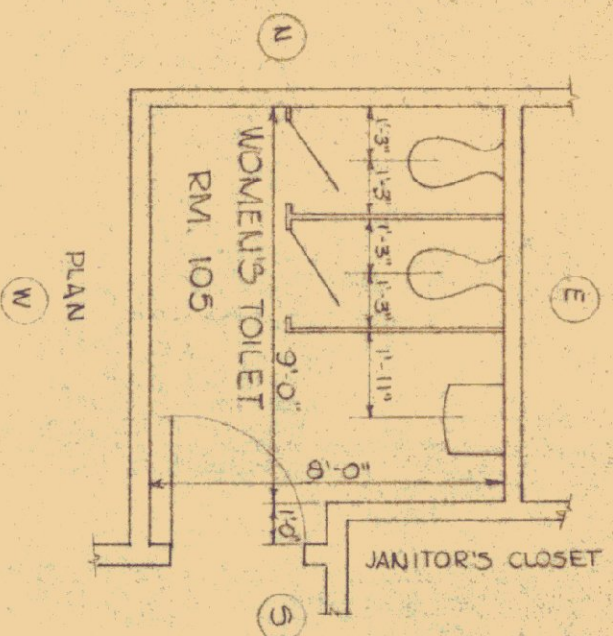
ST. JOHNSBURY OFFICE BUILDING

Finish Details & Room Finish Schedule

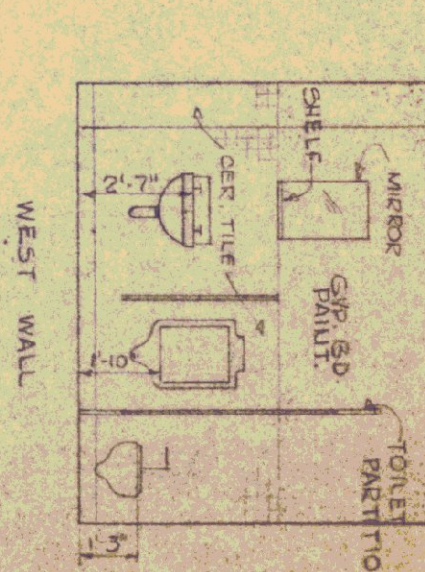
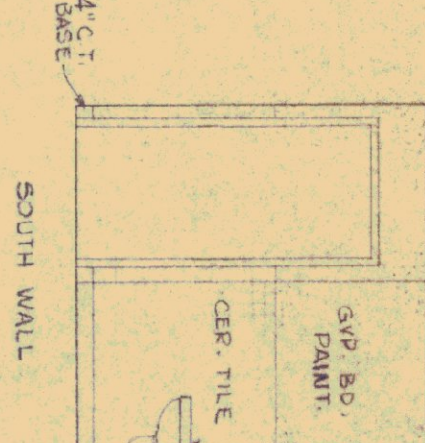
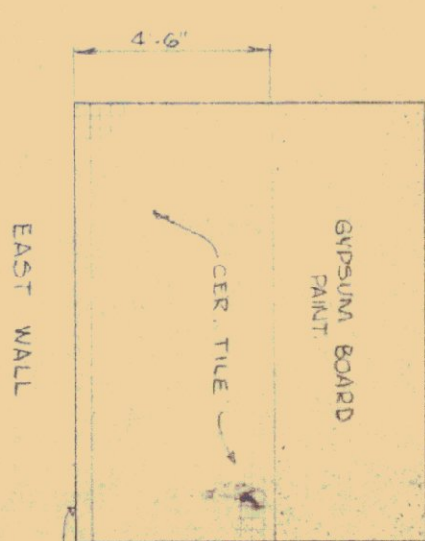
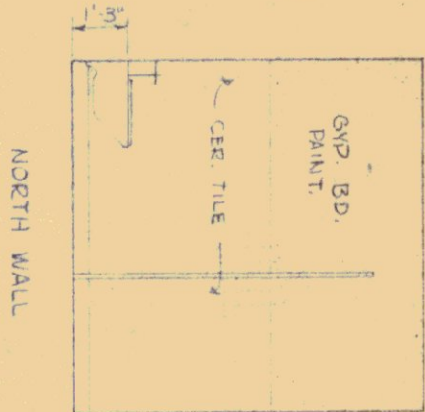
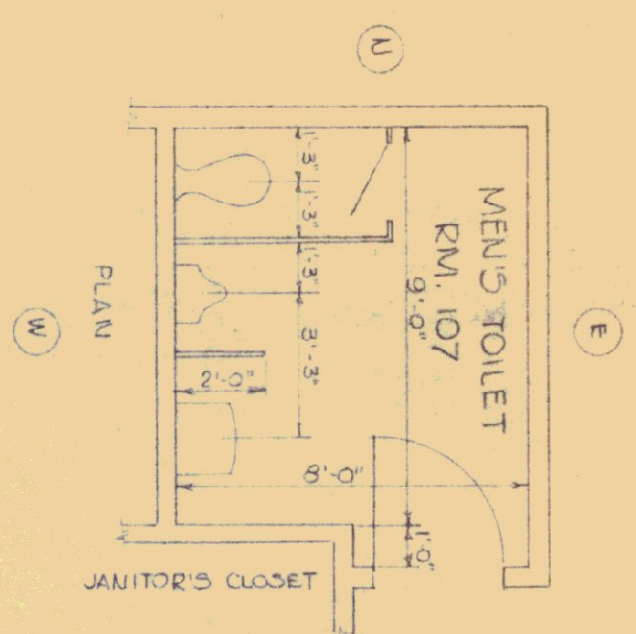
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6-7-72			A.
DRAWN BY:	APPROVED BY:	DATE	
LJ			1 of 1



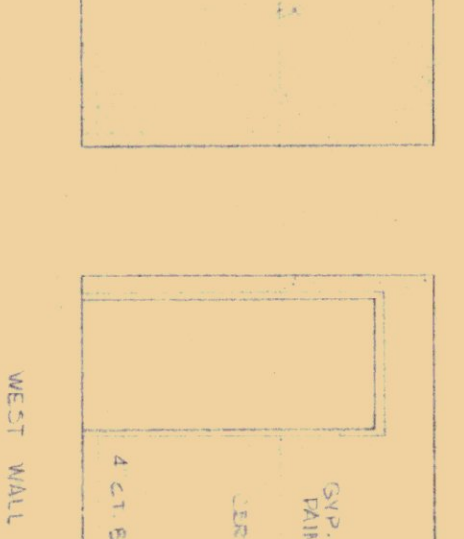
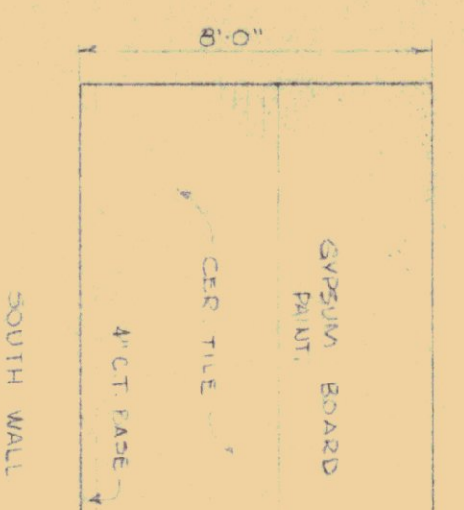
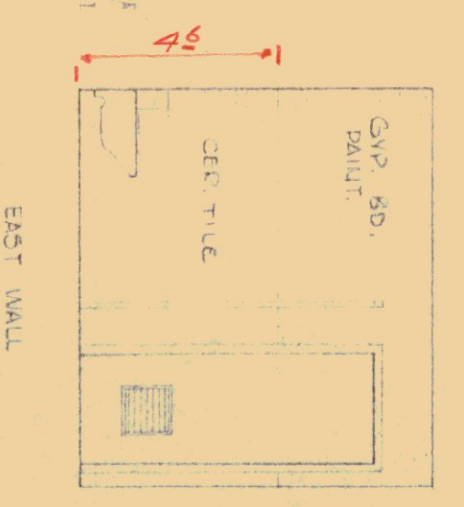
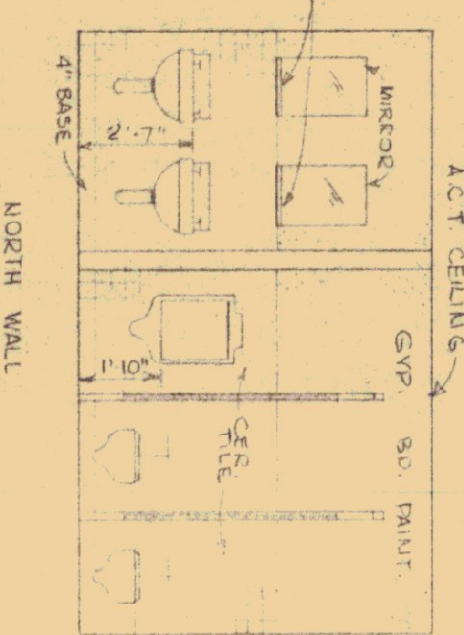
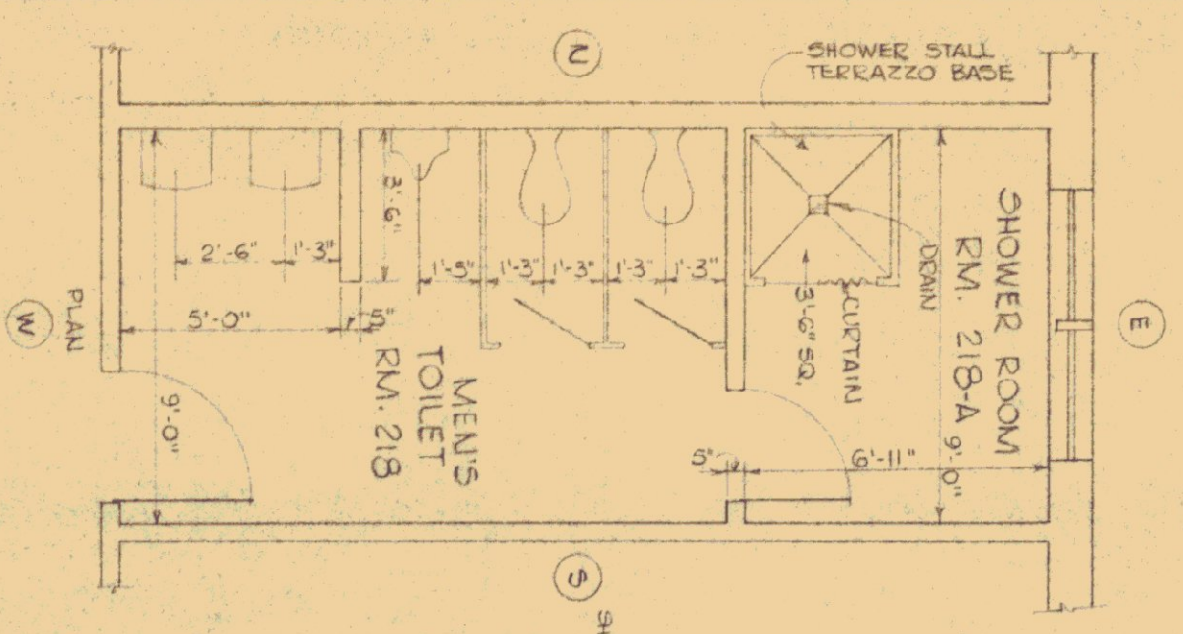
REVISIONS		
REVISION	BY	DATE
STATE OF VERMONT STATE BUILDINGS DIVISION DEPARTMENT OF ADMINISTRATION MONTPELIER, VERMONT		



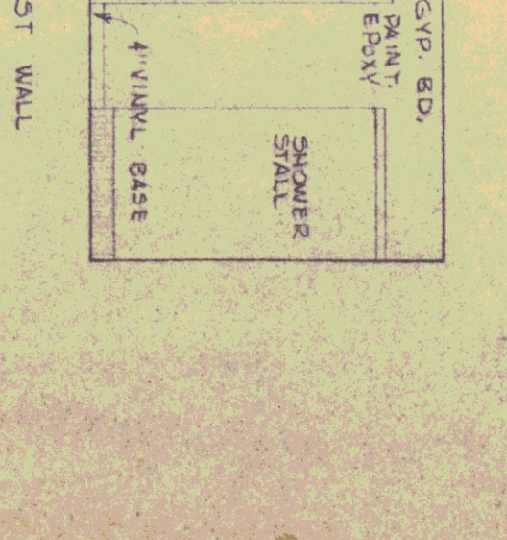
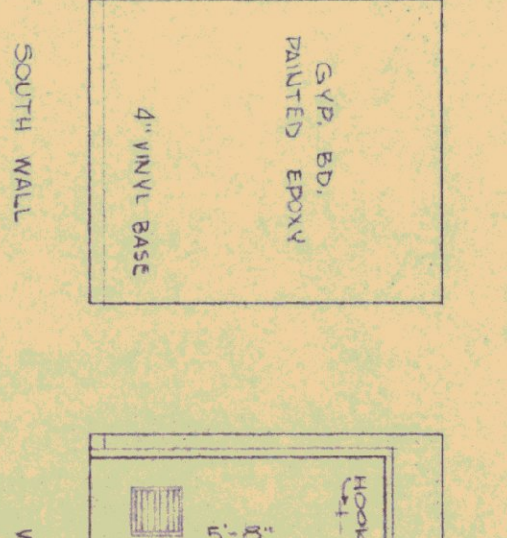
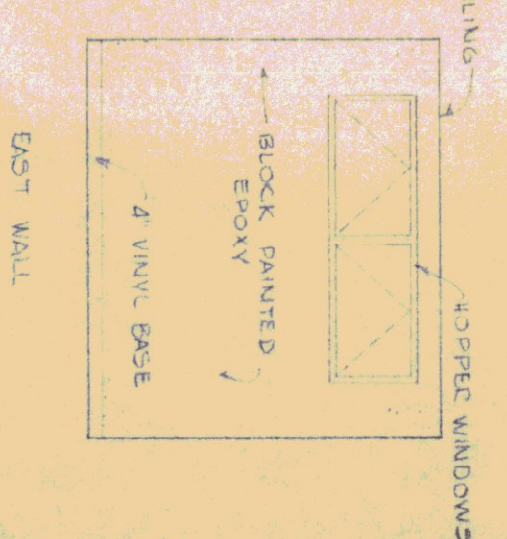
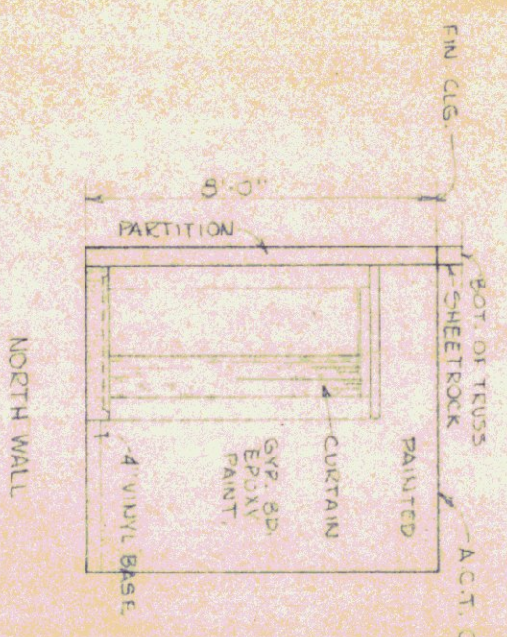
WOMEN'S TOILET ROOM 105
SCALE 1/4" = 1'-0"



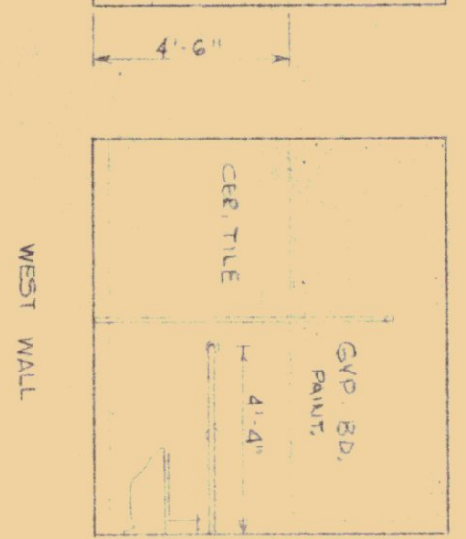
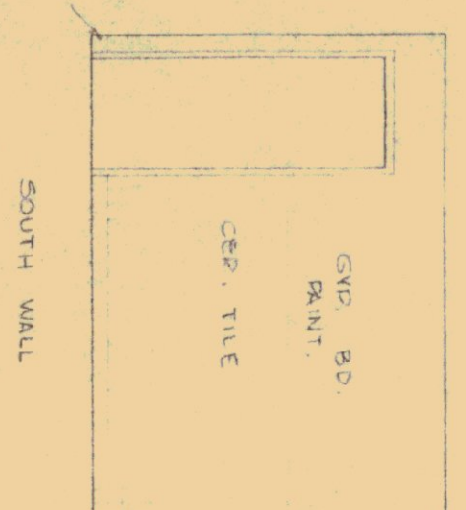
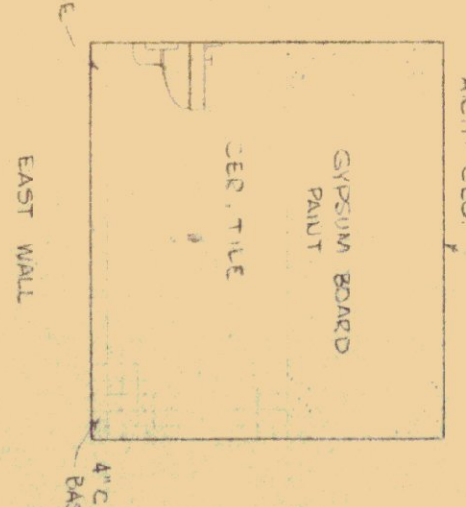
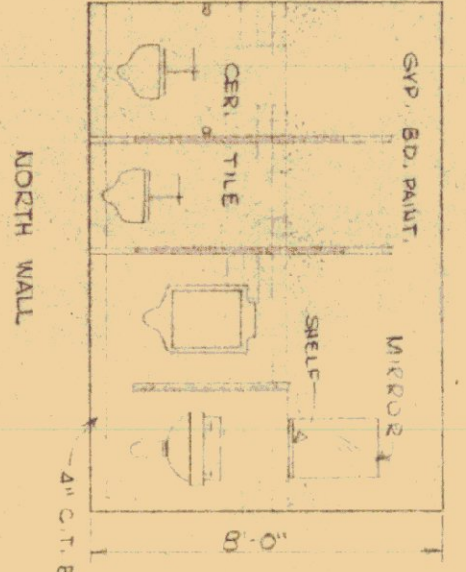
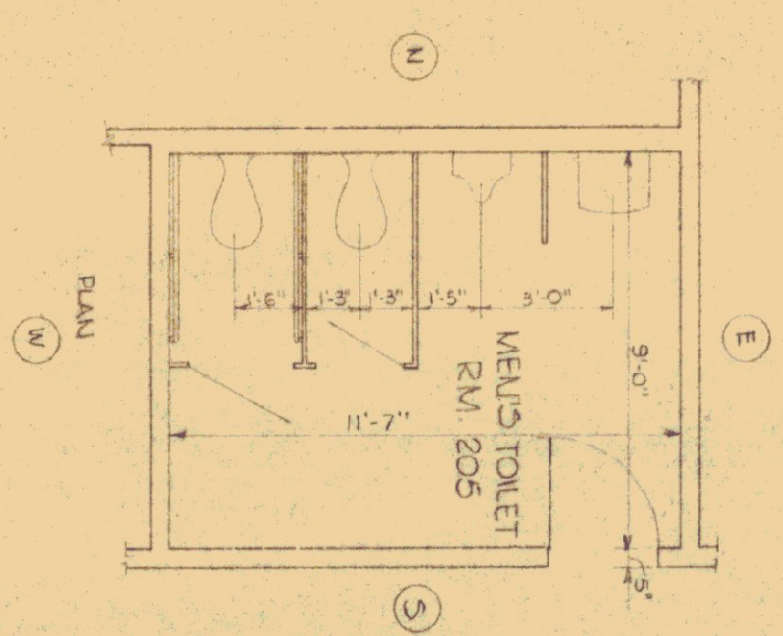
MEN'S TOILET ROOM 107
SCALE 1/4" = 1'-0"



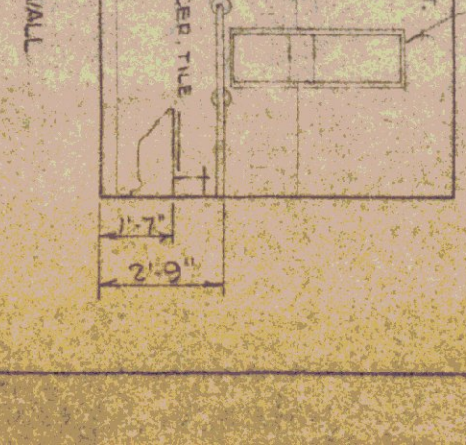
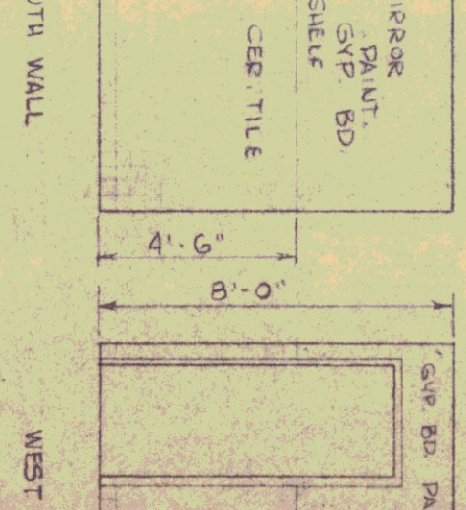
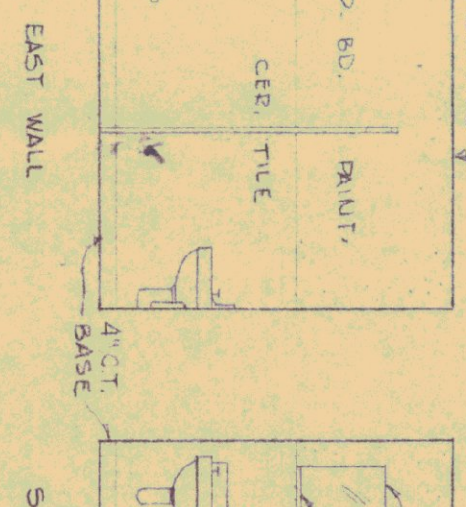
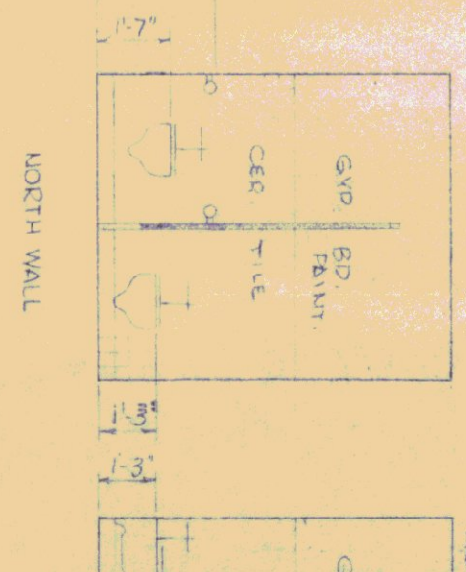
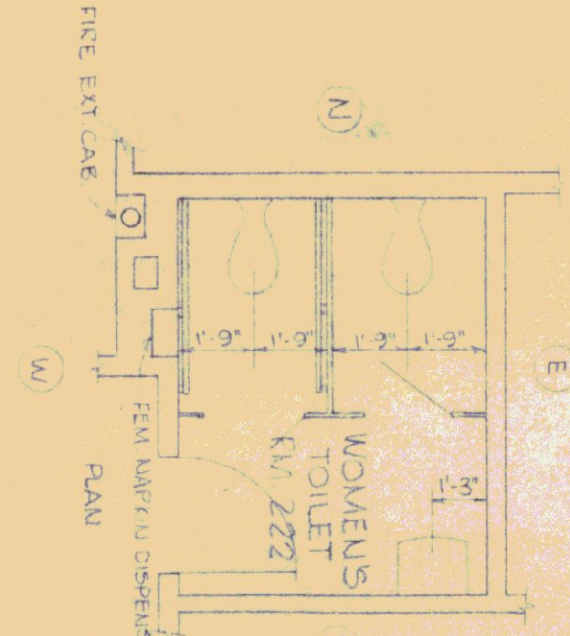
MEN'S TOILET ROOM 218
SCALE 1/4" = 1'-0"



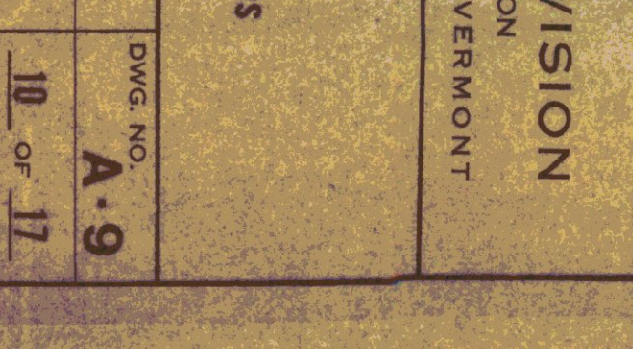
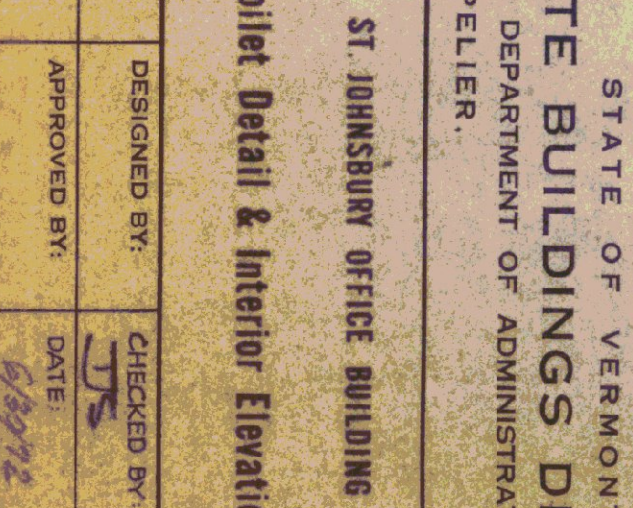
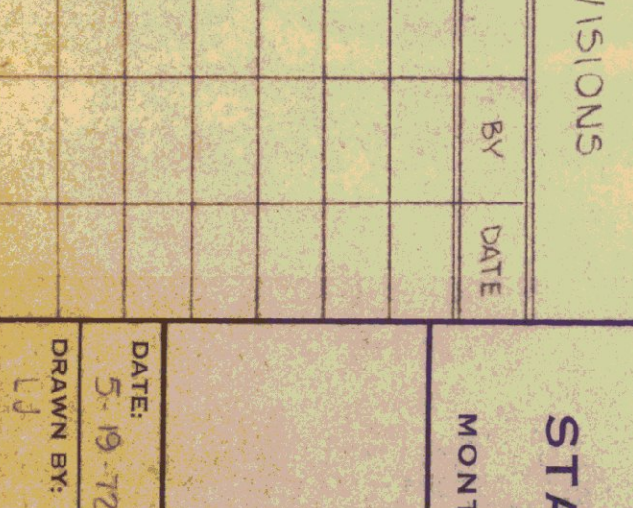
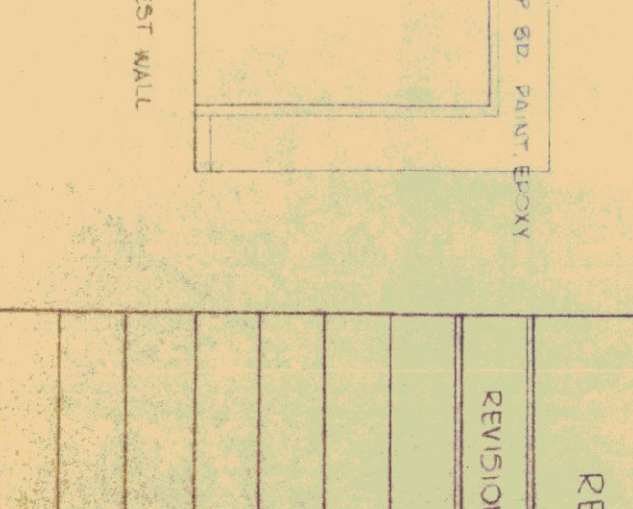
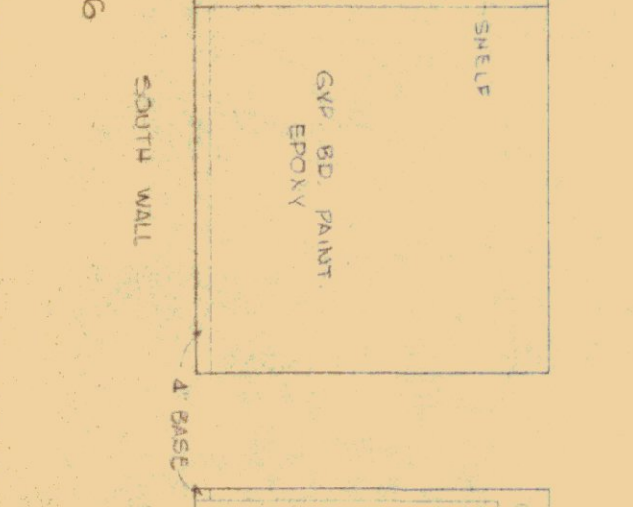
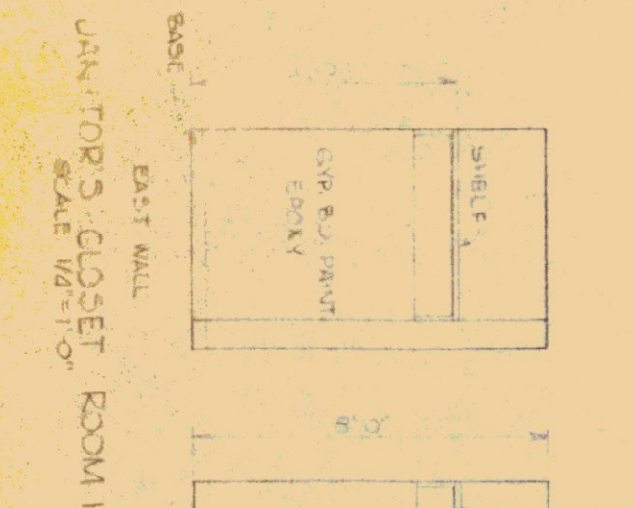
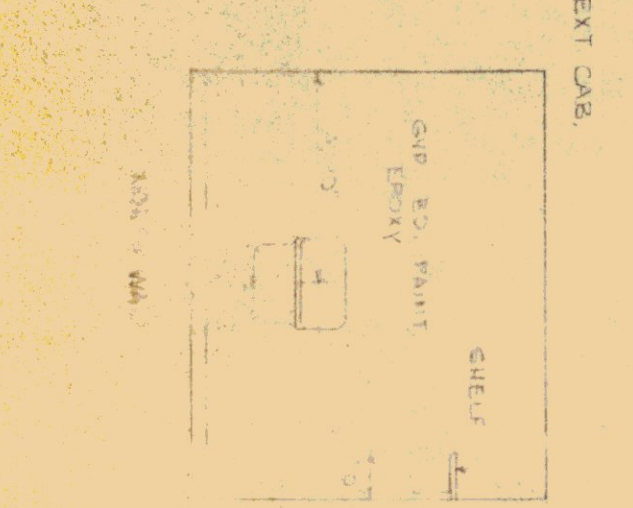
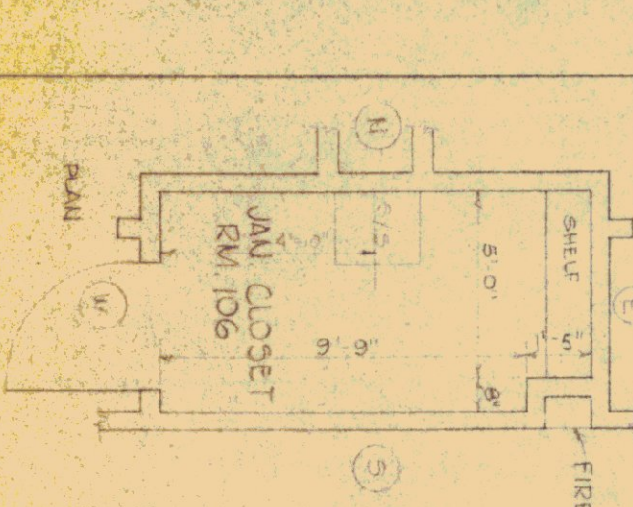
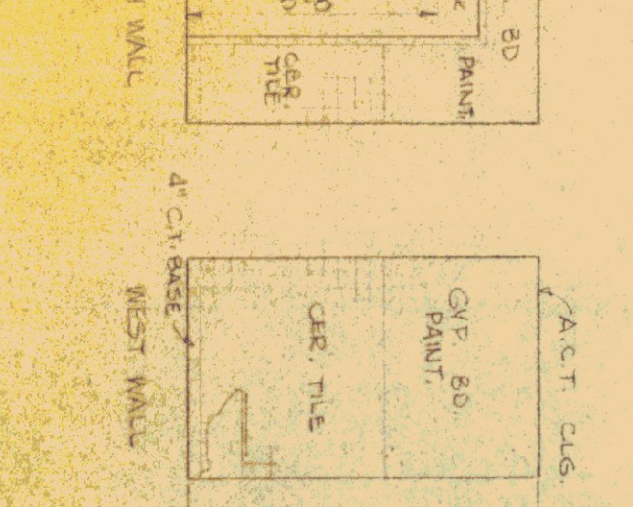
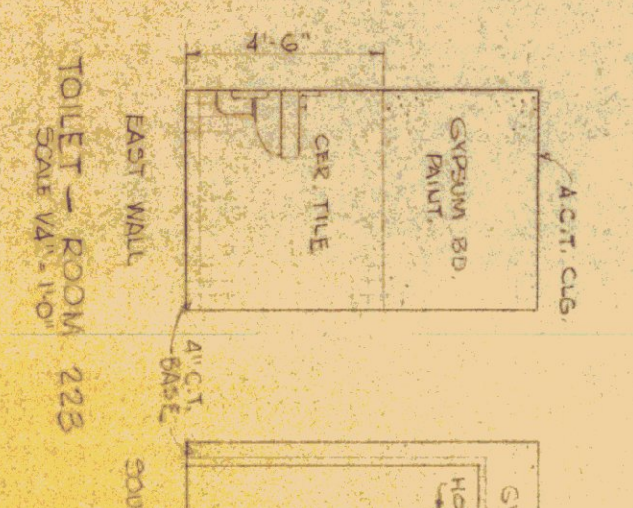
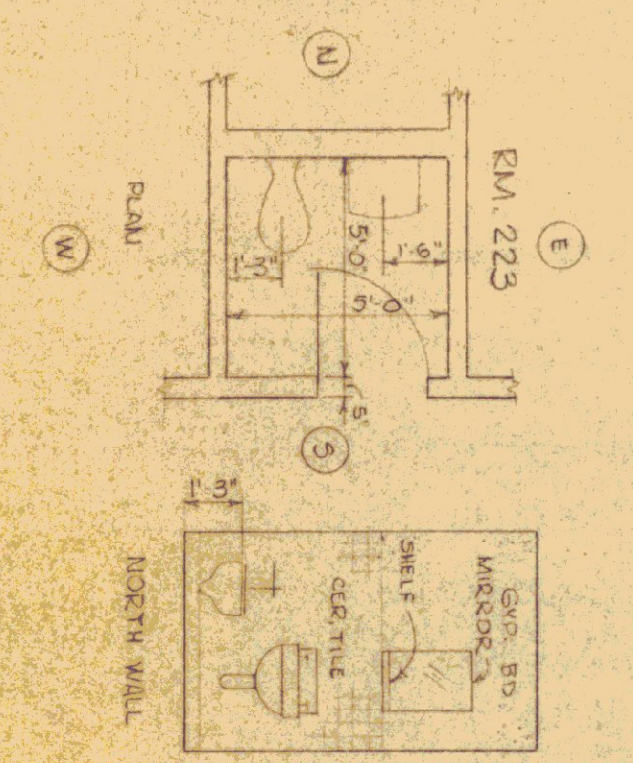
SHOWER ROOM ROOM 218A
SCALE 1/4" = 1'-0"



MEN'S TOILET ROOM 206
SCALE 1/4" = 1'-0"

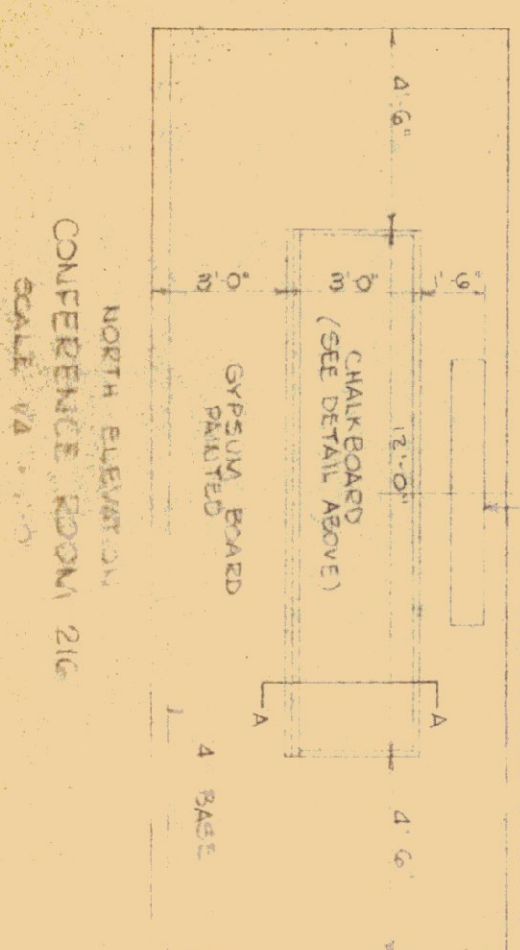
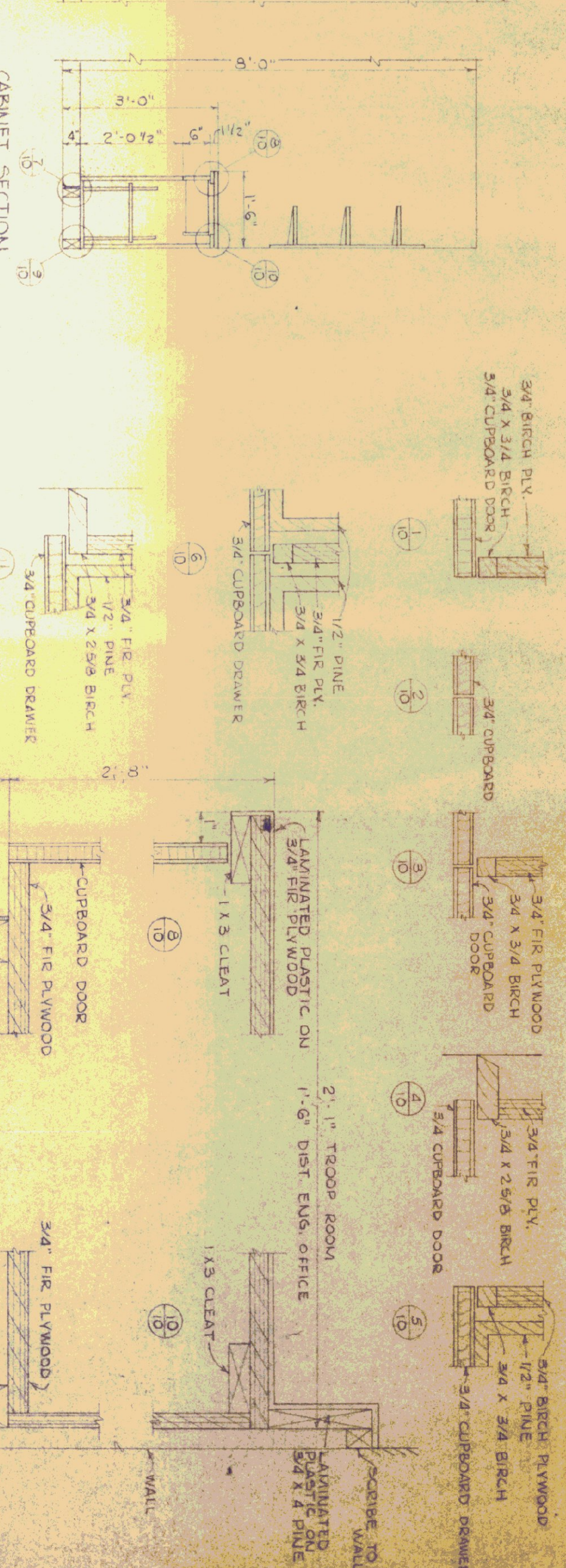


WOMEN'S TOILET ROOM 222
SCALE 1/4" = 1'-0"



REVISIONS			STATE OF VERMONT		
REVISION	BY	DATE	BUILDINGS DIVISION		
			DEPARTMENT OF ADMINISTRATION		
			MONTPELIER		
			ST. JOHNSBURY OFFICE BUILDING		
			Toilet Detail & Interior Elevations		
DATE	DESIGNED BY	CHECKED BY	DWG. NO.		
5-19-72			A-9		
DRAWN BY	APPROVED BY	DATE			
lj		6/8/72			
			10 OF 17		

GENERAL NOTE:
ALL TOILET ROOM WALLS, PARTITIONS ARE INSULATED WITH
4" BATT ALUM. FOL. AND SHEETROCK BOTH SIDES TO UNDERCODE OF 1900S
FURNISHED ACT. IS 8'-0" HIGH WHERE SHOWN.



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

ST. JOHNSBURY OFFICE BUILDING

DATE: 6-6-72	DESIGNED BY:	CHECKED BY: TJS	DWG. NO. A-1
DRAWN BY:	APPROVED BY:	DATE:	

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	STYLE	CAT. NO.	FINISH	DIFFUSER	REMARKS
A	KEYSTONE	NEUTRON	NE-240-S	WHITE	POLY	FLOOR 2-40W RS WW
B	KEYSTONE	SATURN	SA-240	WHITE	POLY	FLOOR 2-40W RS WW
C	MILLER	RM SHAL	AE 3212	WHITE ON ALUM.	—	WALL
D	MSPHILBEN	—	4-314E	ALUM.	GLASS	INCAND 1-150W IF
E	MSPHILBEN	—	68-40	ALUM.	GLASS	INCAND 1-200W IF
F	ART METAL	—	1-1001 WS	WHITE	W/ GLASS	INCAND 1-150W IF
G	MILLER	RM SHAL	AE-3211	WHITE ON ALUM.	—	INCAND 1-150W IF
H	HOLOPHANE	WALL MOUNT	400	ALUM.	GLASS	INCAND 1-150W IF
K	GENERAL ELECTRIC	WALL MOUNT	GE 5751-7	ALUM.	—	INCAND 1-75W IF
X	MILLER	GENERAL ELECTRIC	SB-1201	ALUM.	—	6 LAMPS BY MGR.
L	GENERAL ELECTRIC	PAR 55 DOUBLE	PAR 55 DOUBLE	ALUM.	RED	INCAND 2-200W IF

LEGEND			
SYMBOL	DESIGNATION	MTG. #	CAT. NO.
□	FLUORESCENT LIGHTING FIXTURE - LETTER DESIG. TYPE	SEE SCHEDULE	
⌘	INCANDESCENT LIGHTING FIXTURE - LETTER DESIG. TYPE	SEE SCHEDULE	
⌘	INCAND. LIGHTING FIXTURE - WALL BRACKET-LETTER DESIG. TYPE	SEE SCHEDULE	
⌘	EXIT LIGHT	SEE SCHEDULE	
—	BRANCH CIRCUIT - WIRING CONCEALED IN CEILING		
S, S ₁ , S ₂	SWITCH 1 POLE 3 WAY 4 WAY - QUIET TUMBLER	4H 1892	45
SE	OIL BURNER EMERGENCY SWITCH W/ RED PLATE	4H 52625	45
⊖	DUPLEX GROUNDING RECEPTACLE	GE 9226-5	45
⊖	WEATHERPROOF DUPLEX GROUNDING RECEPTACLE	4H 52655	45
⊖	DUPLEX GROUNDING RECEPTACLE - COUNTER HEIGHT	4H 52655	45
⊖	CLOCK RECEPTACLE	4H 52655	45
⊖	JUNCTION BOX	AS NOTED	
⊖	ELECTRIC MOTOR - H P INDICATED	4H 4RL-11	45
⊖	DISCONNECT SWITCH 1P 1HP W/ PROPER HEATER	45	45
⊖	LOCKING SWITCH 1 POLE (PROVIDE KEY)	45	45
⊖	TELEPHONE OUTLET	45	45

LIGHTING PANEL SCHEDULE			
CIR. NO.	BREAKER	EQUIPMENT SERVED	REMARKS
PANEL LPS	CIRCUIT BREAKER TYPE G.E. NLT TO 125/240V 1P 3-W		
1-14	20	1 LIGHTING	
15-27	20	1 RECEPTACLES	
28	30	1 GARBAGE RECEPTACLE	
29	20	1 ELECT. LOCK DOOR # 48	
30-35	20	1 SPACE	
36-42	20	1 SPACE ONLY	
PANEL LHV	CIRCUIT BREAKER TYPE G.E. NLT TO 125/240V 1P 3-W		
1-9	20	1 LIGHTING	
10-17	20	1 RECEPTACLES	
18-20	20	1 SPACES	
21-30	20	1 SPACE ONLY	
PANEL LRAD	CIRCUIT BREAKER TYPE G.E. NLT TO 125/240V 1P 3-W		
1	20	1 LIGHTING - RM 215	
2	20	1 BENCH RECEPTACLES	
3	20	1 LIGHTING & RECEPTACLES, RM 215	
4,5,6	20	1 SPACES	

POWER PANEL SCHEDULE			
CIR. NO.	BREAKER	EQUIPMENT SERVED	REMARKS
PANEL P-1	CIRCUIT BREAKER TYPE G.E. NLT TO 125/240V 1P 3-W		
P-1	20	2 LIGHTING PANEL LPS	
P-2	20	2 LIGHTING PANEL LHV	
P-3	20	2 EMERGENCY LIGHTING PANEL LEL	
P-4	20	1 EXH. FAN # 1	
P-5	20	1 EXH. FAN # 2	
P-6	20	1 EXH. FAN # 3	
P-7	20	1 EXH. FAN # 4	
P-8	20	1 EXH. FAN # 5	
P-9	20	1 EXH. FAN # 6	
P-10	20	1 UNIT HEATER	
P-11	20	1 PAR 36 DOUBLE FLOODS	
P-12	20	1 SPACE	
P-13	20	1 SPACE	
P-14	20	1 SPACE	
P-15	30	2 SPACE	
P-16-20	30	2 SPACE ONLY	

NOTES -

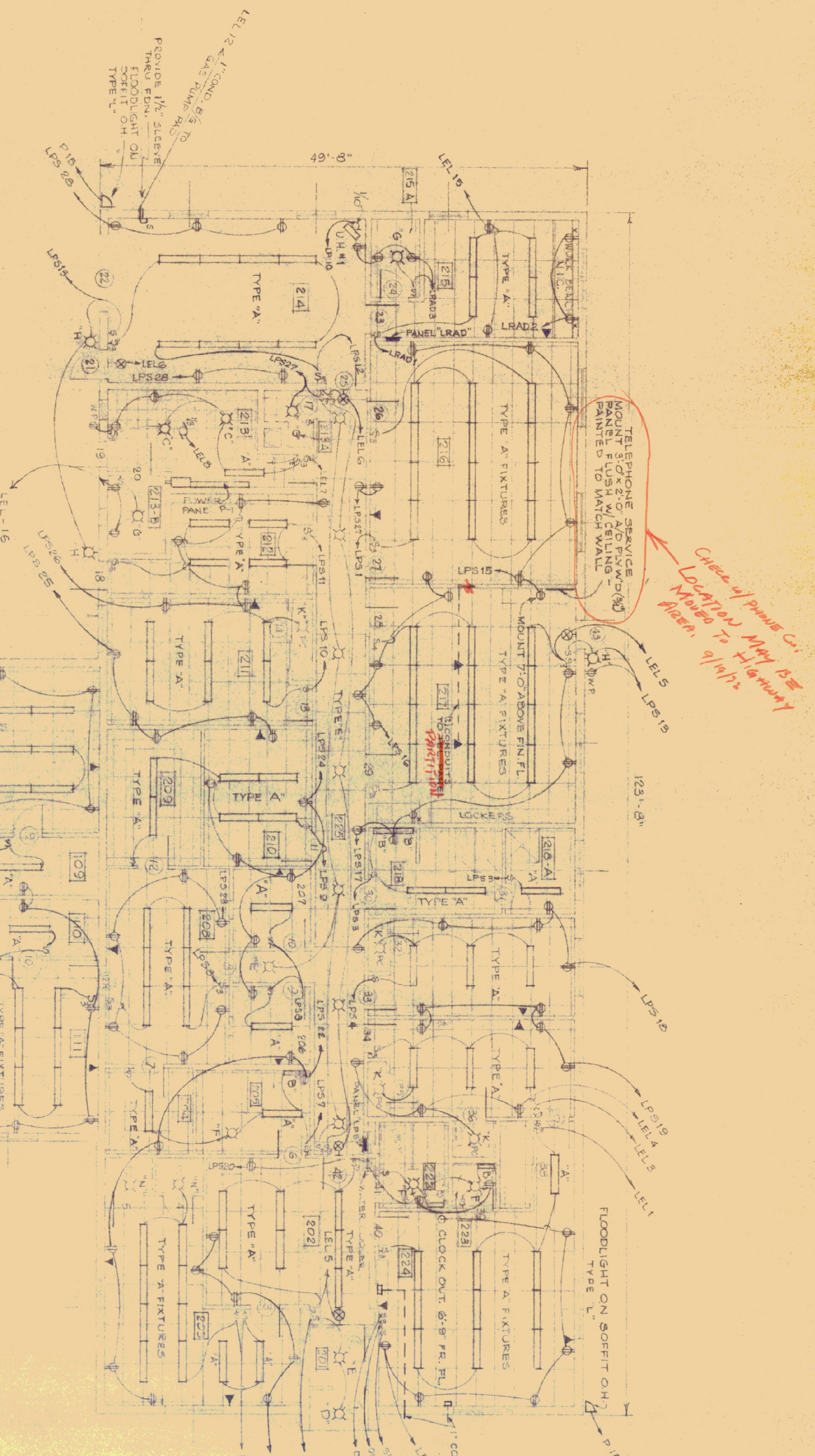
- ALL ELECTRICAL SERVICE PANELS TO BE MOUNTED ON 3/4" C-D EXT. GRADE PLYWOOD (SEE SPECS.)
- THE ELECTRICAL CONTRACTOR SHALL RUN ELECTRICAL WIRING TO ALL EXHAUST FANS, AND THE HEATING & VENTILATING CONTRACTOR SHALL MAKE ALL NECESSARY CONNECTIONS FOR PROPER OPERATION OF THESE FANS.

STATE OF VERMONT
DEPARTMENT OF ADMINISTRATION
MONTPELIER, VERMONT

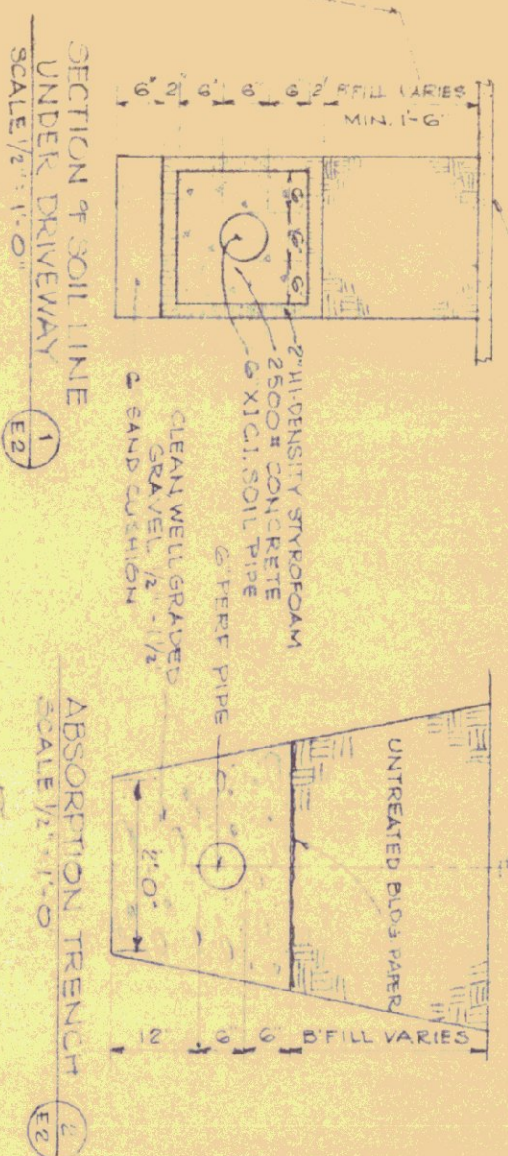
ST. JOHNSBURY OFFICE BUILDING
Electrical Plan & Schedules

DATE: 4/23/72
DRAWN BY: GWH
DESIGNED BY: GWH
APPROVED BY: GWH
CHKD BY: GWH
DATE: 5/1/72
DWG. NO. E-1
12 of 12

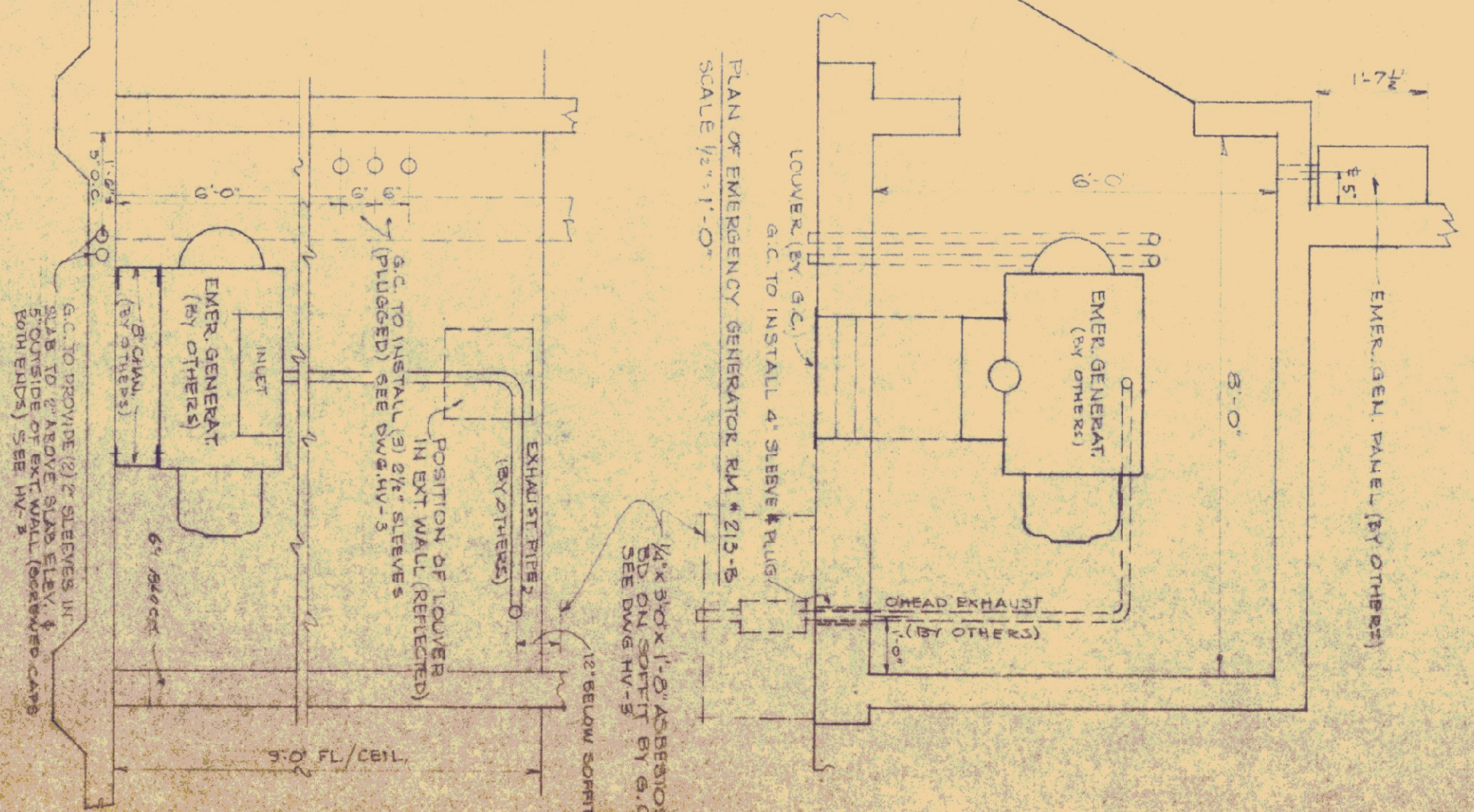
EMERGENCY LIGHTING PANEL SCHEDULE		
CIR. NO.	BREAKER	EQUIPMENT SERVED
PANEL "EL"	CIRCUIT BREAKER TYPE G.E. NLT TO 125/240V 1P 3-W	
1	20	1 LIGHTING - RM 224
2	20	1 RECEPTACLE - RM 224
3	20	1 LIGHTING - RM 220
4	20	1 RECEPTACLE - RM 220
5	20	1 LIGHTING - RM 220, 215, EXT. LIGHT
6	20	1 CORRIDOR LIGHTING & EXT. LIGHT
7	20	1 BOLLER LIGHTING - RM 215
8	20	1 BURNER - RM 223
9	20	1 PUMP - P-1 - ZONE 1
10	20	1 PUMP - P-2 - ZONE 2
11	20	1 PUMP - P-3 - ZONE 3
12	20	1 GAS PUMP
13	20	1 PANEL LRAD
14	20	1 EXIT & VESTIBULE LIGHTS, HIGHWAY
15	20	1 STD. WALL RECEPTACLES, RM 215
16	20	1 LIGHTS & OUTLETS - RM 215-B
17-20	20	1 SPACES



1848

[illegible]

ELECTRICAL FEEDER DIAGRAM (N.T.S.)

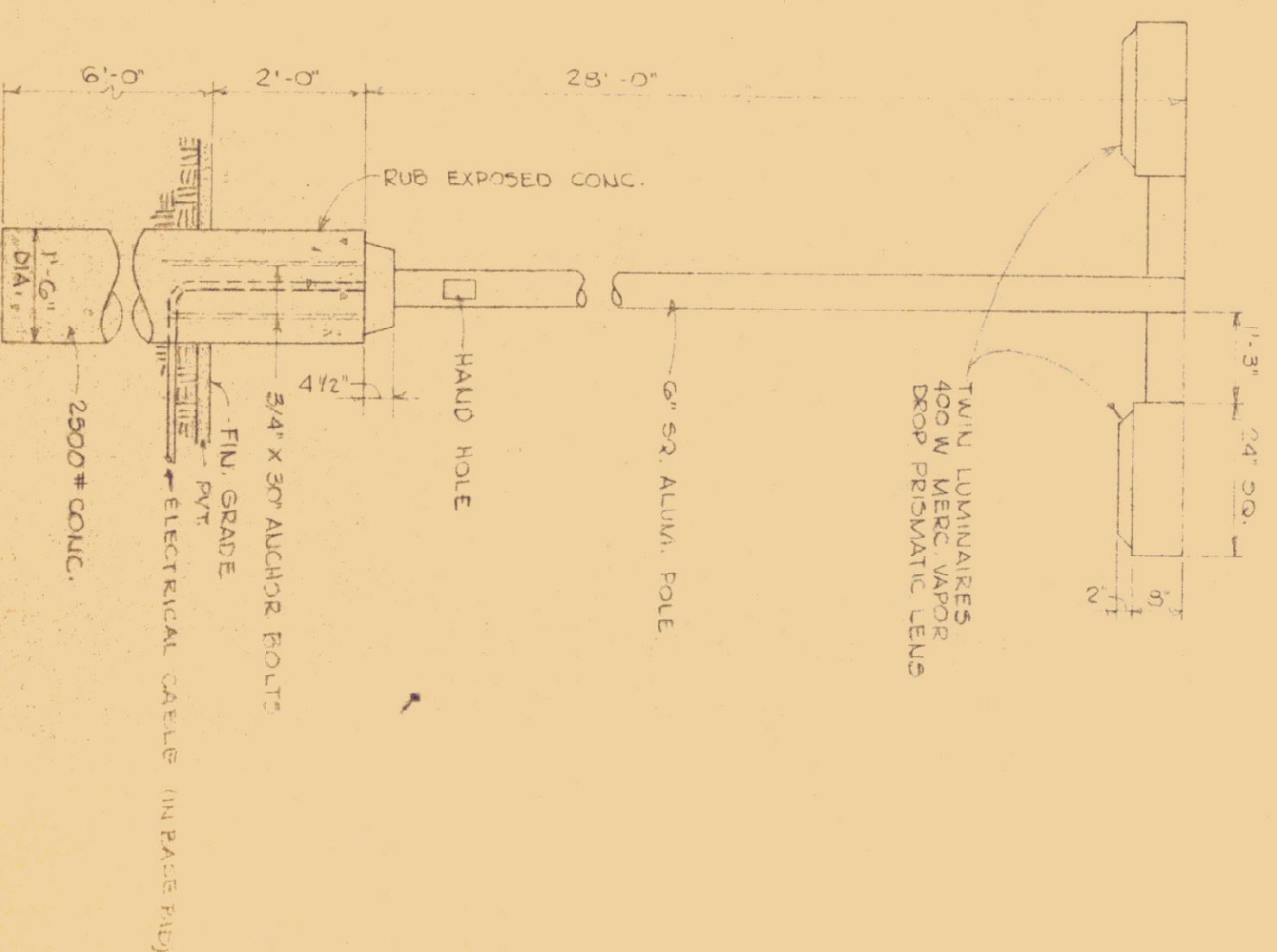


SECTION THRU EMERGENCY GENERATOR RM. 213-B

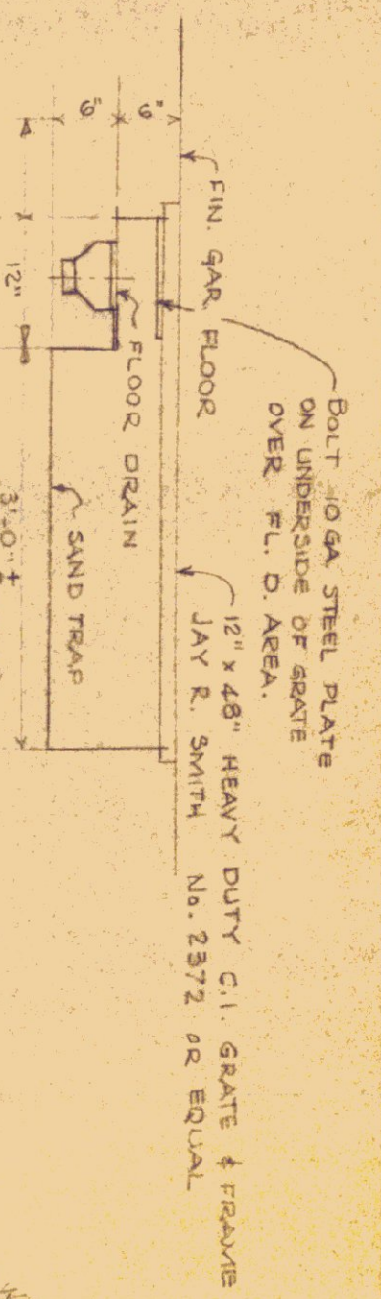
REVISIONS		STATE OF VERMONT	
REVISED BY	DATE	STATE BUILDINGS DIVISION	
		DEPARTMENT OF ADMINISTRATION	
		MONTPELIER, VERMONT	

LIGHTING STANDARD MOUNTING DETAIL

SCALE 1/2" = 1'-0"
ALTERNATE #5

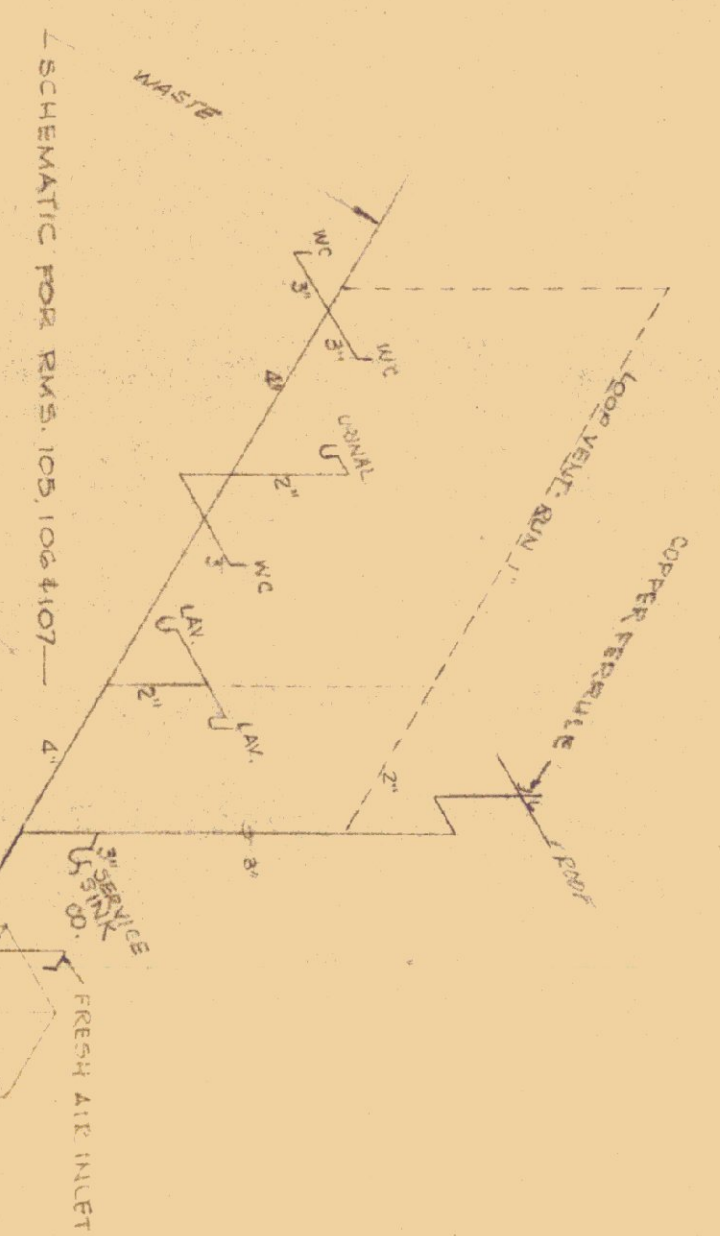
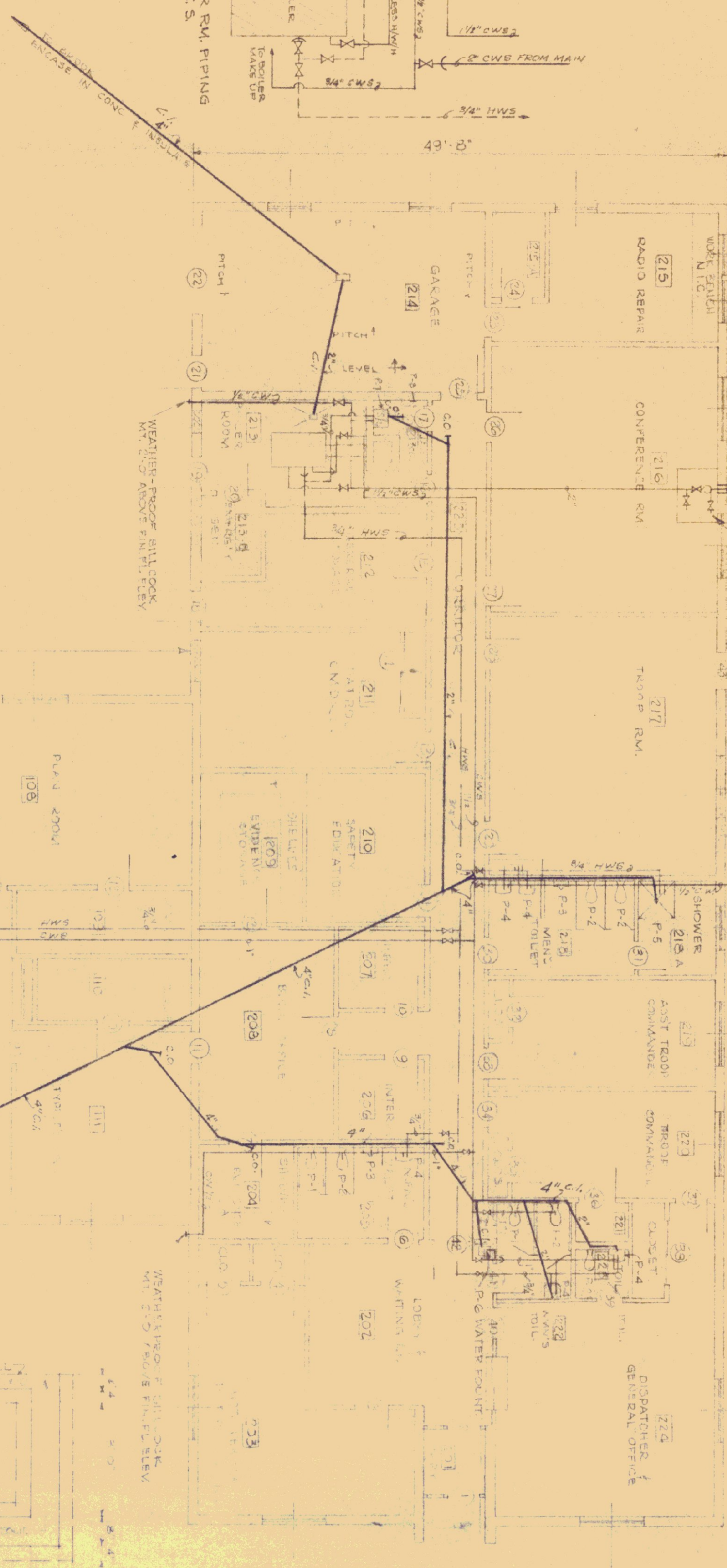


UTILITIES PLOT PLAN
SCALE 1"=20'



DETAIL
GARAGE FLOOR DRAIN
SCALE 1/4" = 1'-0"

DETAIL 7 BOILER RM. PIPING
N.T.S.



PLUMBING PLAN
SCALE 1/8" = 1'-0"

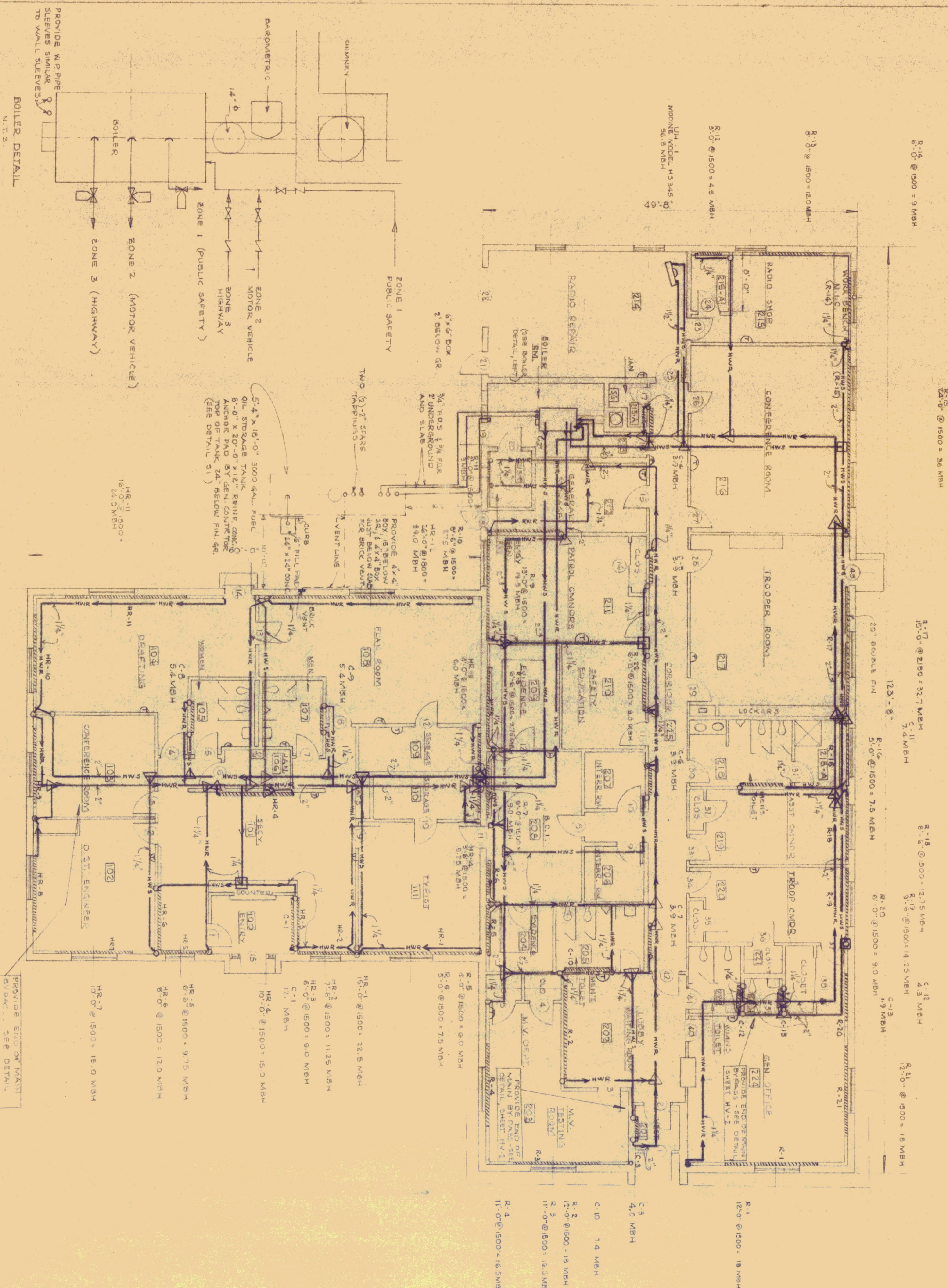
- GENERAL NOTES
1. SEE DWG. 62 FOR SEPTIC TANK AND LEACHING FIELD LAYOUT
 2. PROVIDE 6" WIDE CONTINUOUS SHEET ABOVE BOTH LAVATORIES IN ROOM 218 (CORE WALL TO INT. PART)
 3. PROVIDE GATE VALVE SHUT-OFFS FOR EACH BRANCH CIRCUIT HWS & CWS (ACCESSIBLE) SAME SIZE AS PIPE
 4. PROVIDE GATE VALVE SHUT-OFFS AT EACH FIXTURE HWS & CWS (ACCESSIBLE) SAME SIZE AS PIPE



REVISIONS		
REVISION	BY	DATE

STATE OF VERMONT
BUILDINGS DIVISION
DEPARTMENT OF ADMINISTRATION
MONTPELIER

ST. JOHNSBURY OFFICE BUILDING Plumbing Plan and Details			
DATE 4/26/72	DESIGNED BY G.N.M.	CHECKED BY G.N.M.	DWG. NO. P-1
DRAWN BY P.V.	APPROVED BY 6/30/72	DATE 14	OF 17

[illegible]

HEATING EQUIPMENT SCHEDULE									
MAKES	R-10	R-12	R-15	R-16	R-18	R-20	20" AT	20" AT	20" AT
TYPE	FIN TUBE	FIN TUBE	FIN TUBE	FIN TUBE	FIN TUBE	FIN TUBE	FIN TUBE	FIN TUBE	FIN TUBE
STEERING	STEERING	STEERING	STEERING	STEERING	STEERING	STEERING	STEERING	STEERING	STEERING
MODEL	VBF -14	VBF -14	VBF -14	VBF -14	VBF -14	VBF -14	VBF -14	VBF -14	VBF -14
BTU/LF	1500	1500	1500	1500	1500	1500	1500	1500	1500
LINE FT.	5'-6"	9'-6"	10'	11'	12'	13'	15'	16'	24'
TOTAL NBT	12.75	14.25	15.0	16.5	18.0	19.5	22.5	24.0	36.0
CABT SIZE	5/4" x 14	5/4" x 14	5/4" x 14	5/4" x 14	5/4" x 14	5/4" x 14	5/4" x 14	5/4" x 14	5/4" x 14
TUBE SIZE	1 1/2" CU	1 1/2" CU	1 1/2" CU	1 1/2" CU	1 1/2" CU	1 1/2" CU	1 1/2" CU	1 1/2" CU	1 1/2" CU
FINNINGS	4 1/4" / 40	4 1/4" / 40	4 1/4" / 40	4 1/4" / 40	4 1/4" / 40	4 1/4" / 40	4 1/4" / 40	4 1/4" / 40	4 1/4" / 40
PR. FINING	3/16"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
R	DENOTES RADIATION USED IN 100-SERIES ROOMS								
MAKES	DENOTES RADIATION USED IN 100-SERIES ROOMS								

GENERAL NOTES:

1. GENERAL CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTORS IN PRESENTING TO CLIENT "AS BUILT" DRAWINGS AND COMPLETION OF THEIR WORK, E.G. MAP LOCATION OF FUEL TANK, UNDERGROUND SERVICES, ETC.
2. GENERAL CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTORS SO THAT INSTALLATION OF WATERSALD AND EQUIPMENT FOR VARIOUS TRADES WILL NOT INTERFERE WITH ONE ANOTHER.
3. MOTORIZED COVER FOR EMERGENCY GENERATION ROOM - INTAKE THROUGH WALL 24"/2, GEN CONCR. TO PROVIDE LIFT.
4. ALL HEATING PIPES RUNNING SUPPLES AND RETURNS SHALL BE INSULATED.
5. ALL PIPING IN BOILER ROOM SHALL BE INSULATED AND PAINTED.
6. ALL COLD WATER AND HOT WATER SUPPLY PIPING SHALL BE INSULATED.
7. PUMPING CONTRACTOR SHALL PROVIDE FLOW TEES FOR EACH BRANCH CIRCUIT SUPPLYING AND RETURNING FROM EACH FAN RADIATION CONVECTOR AND/OR UNIT HEATER. ($\frac{1}{2}$ " $\square$ $\frac{1}{2}$ " = Δ)
FLOW TEES SHALL WEARTEE (G) NONDOWLOW FITTINGS OR EQUAL.

REVISIONS		BY	DATE
REVISION		BY	DATE
STATE OF VERMONT STATE BUILDINGS DIVISION DEPARTMENT OF ADMINISTRATION MONTPELLIER. VERMONT			
ST. JOHNSBURY OFFICE BUILDING Heating Plan and Schedule			
DATE	DESIGNED BY	CHECKED BY	DWG. NO.
5/31/72		G.W.M.	HV-1
DRAWN BY	APPROVED BY	DATE	15 OF 17
P.V.		6/30/74	



MARK	EF-1	EF-2	EF-3	EF-4	EF-5	EF-6	REMARKS
TYPE	CENT.	CENT.	CENT.	CENT.	CENT.	PROPELLER	
MFR.	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	COOK	
MODEL	100 M	100 M	100 M	130 M	75 M	AWD-16	
CFM	450	700	900	2100	250	2500/1000	
SP	3/8"	3/8"	3/8"	1/2"	1/8"	1/8"	
RPM/V	1160	1160	1160	1153	1162	1140/1725	
MOTOR	S.P.	S.P.	S.P.	S.P.	S.P.	1/3	
VOLTS	120	120	120	120	120	120	
DISCHARGE	Bottom Here	Bottom Here	Up Buoy	Bottom Here	Bottom Here	Bottom Here	

- NOTES:**
1. ALL EXHAUST FANS TO BE TOTALLY ENCLOSED FAN-COOLED BALL BEARINGS.
 2. EF-3 PROVIDE ACCESS DOOR IN FAN INSTALLATION ENCLOSURE.
 3. ALL EXHAUST FAN LOCATIONS SHALL BE PROVIDED WITH ACCESS PANELS THROUGH CEILING AND A MEANS OF ACCESS THROUGH INSULATION WITHOUT DETRIMENT FROM BUILDING MATERIAL APPEARANCE AND INSULATION VALUE.
 4. EF-6 TWO-SPEED MOTOR AND STARTER; FAN GUARD.
 5. PROVIDE PULS AND BIRD SCREEN AT SOFFIT GRILLES - 1/2" MESH REMOVABLE EXTERIOR GREEN.
 6. HEATING AND VENTILATING CONTRACTOR SHALL PROVIDE INSULATION ON ALL DUCTWORK PASSING THROUGH AND ABOVE BUILDING INSULATION TYPE AND QUALITY AS SPECIFIED.
 7. ALL DUCT WORK AT SOFFIT - OUTSIDE WALL, KEEP 9" OR LESS IN HEIGHT.

STATE OF VERMONT DEPARTMENT OF ADMINISTRATION VERMONT			
ST. JOHNSBURY OFFICE BUILDING			
Ventilating Plan and Schedule			
DATE 6-18-72	DESIGNED BY G.M.M.	DRAWN BY P.W.	DWG. NO. HV-3
APPROVED BY		DATE 6/30/72	