

SANITATION FIELD HEADQUARTERS NORTH AREA 1

7222 W. FOND DU LAC AVE.

ARCHITECTURAL

1. SITE PLAN & INDEX
2. FLOOR PLAN & DETAILS
3. PLANS & DETAILS
4. SECTIONS & ELEVATIONS
5. SECTIONS & DETAILS

HEATING & VENTILATING

- HV-1 CEILING PLAN & SECTIONS
- HV-2 DETAILS & SCHEDULES

PLUMBING

- P-1 SITE PLAN & DETAILS
- P-2 PLANS & SCHEMATICS

ELECTRICAL

- E-1 ELECTRICAL PLAN & DETAILS

LEGEND

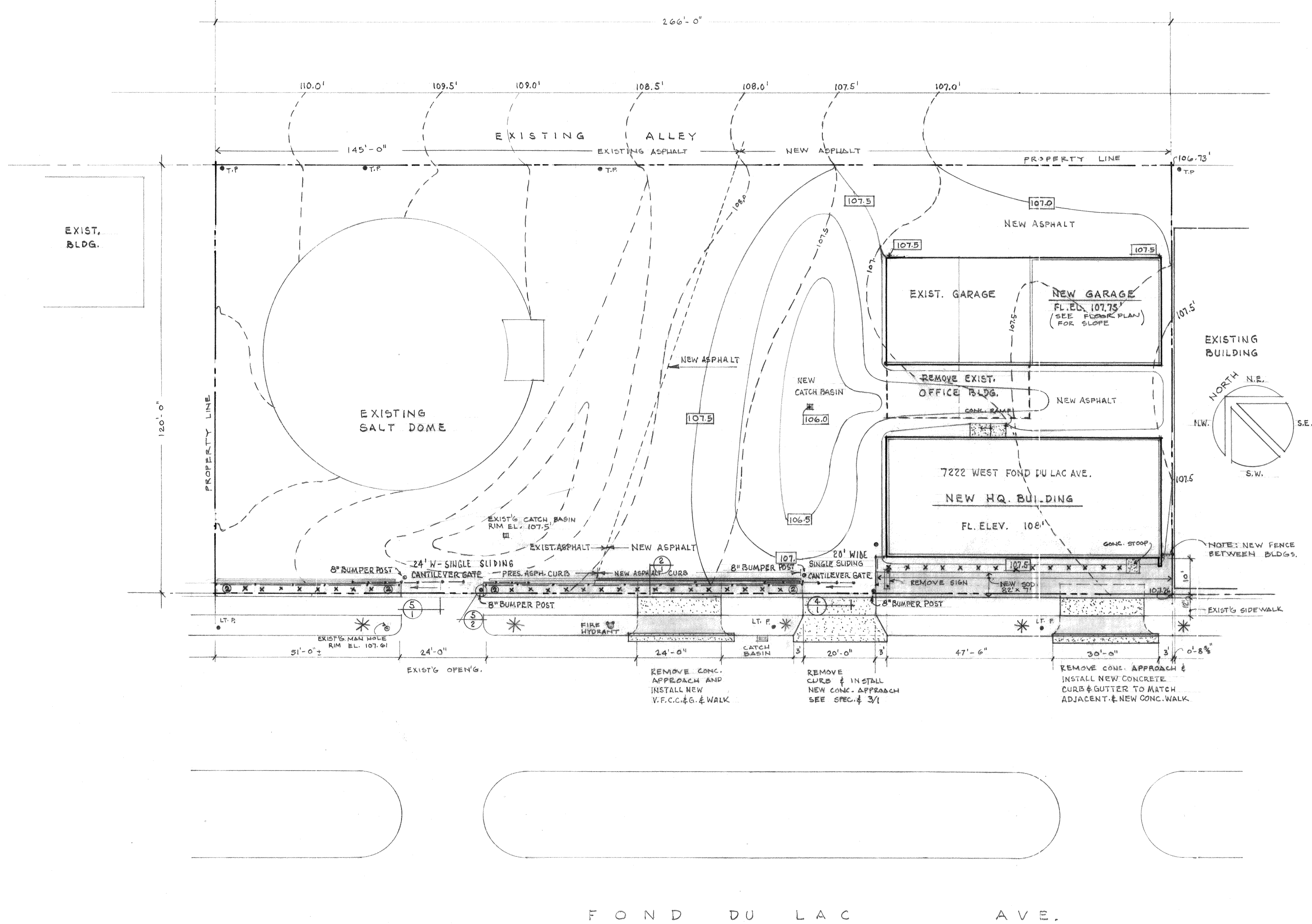
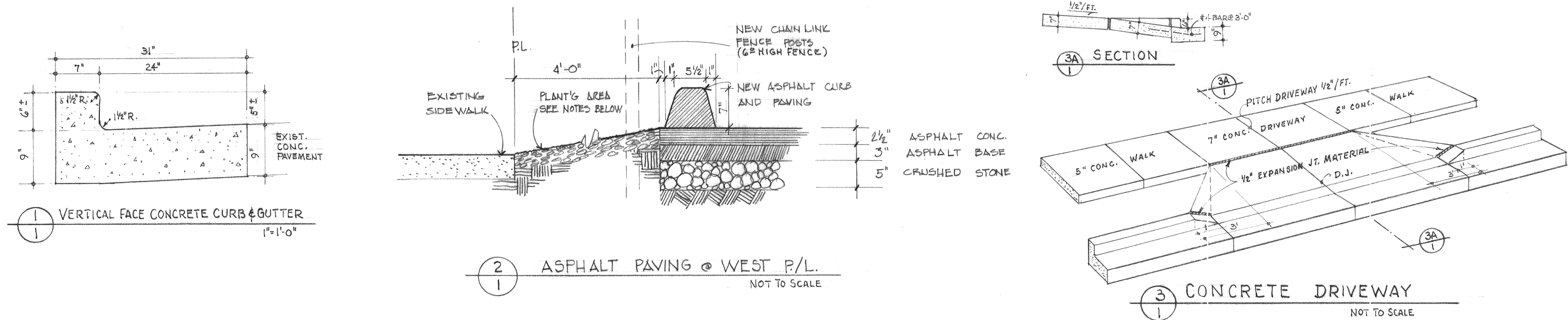
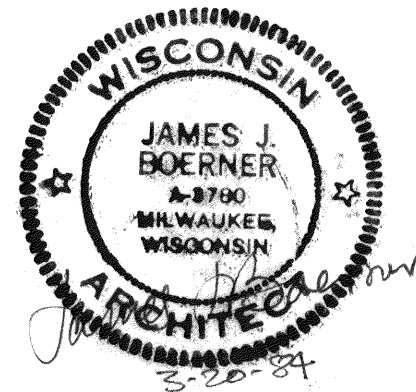
- 0.00 — NEW GRADES
- - - 0.00 - - - EXISTING GRADES
- - - - - NEW CHAIN LINK FENCE
- x x x x PLANT'S (BROADMOOR JUNIPER) (JUNIPERUS SABINA "BROADMOOR") 5 GAL. (3'-0" O.C.)
- ⊙ PLANT'S (TECHNY DAKE GREEN) (THUJA OCCIDENTALIS NIGRA "TECHNY") 3'-0" - 3'-6"
- * EXIST'G. TREES
- NEW CONCRETE WORK (STOOPS, WALK, CURB, DRIVE, ETC.)
- NEW SOD

NOTE:

EXISTING FENCE TO REMAIN DURING CONSTRUCTION FOR SECURITY ALONG FOND DU LAC AVE. AND WILL BE REMOVED BY CITY AT END OF PROJECT.

REMOVE (10) EXIST'G STEEL POLES ON SITE.

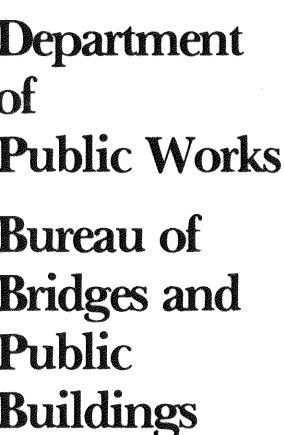
REMOVE 2" ASPHALT, 2" STONE BASE & GROUND AND REPLACE WITH 10% ASPHALT & BASE AS SPECIFIED, ON SOUTH HALF OF SITE AS SHOWN.



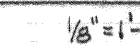
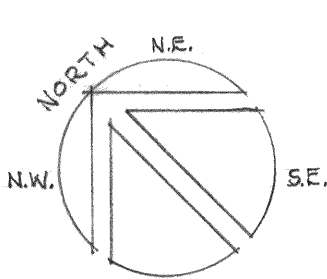
SITE PLAN

1" = 20'

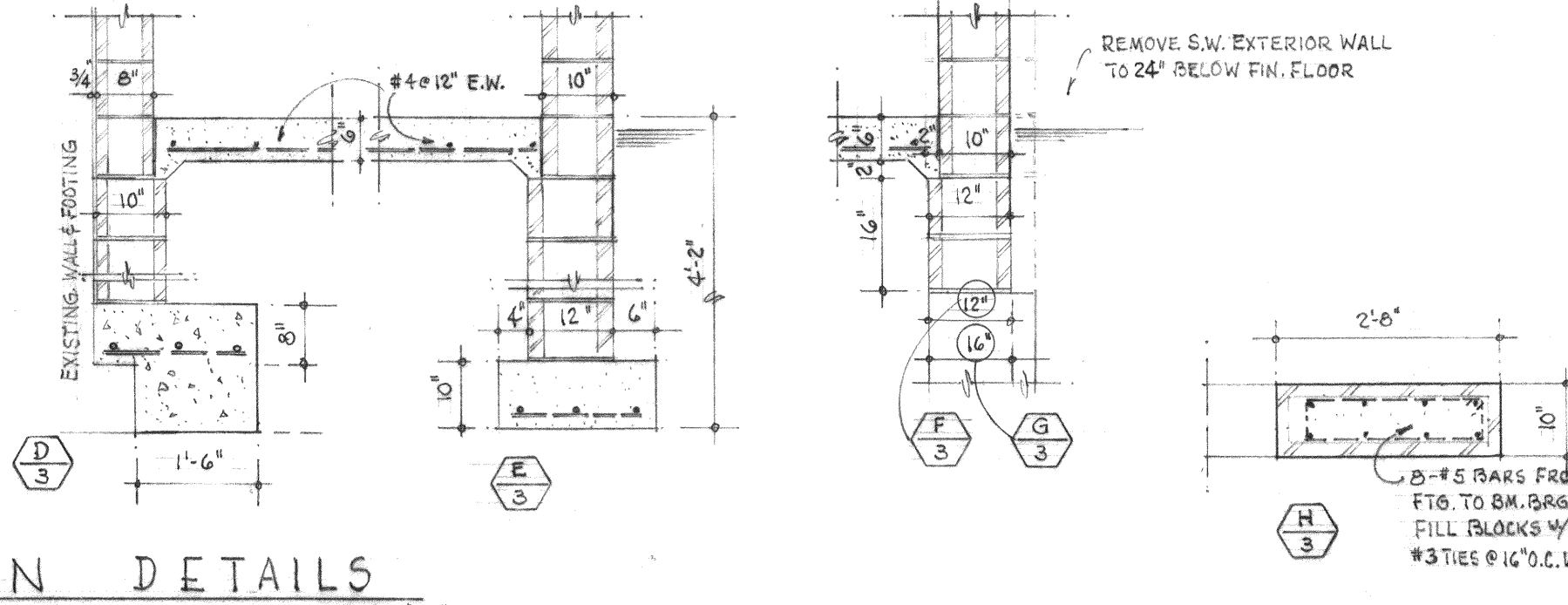
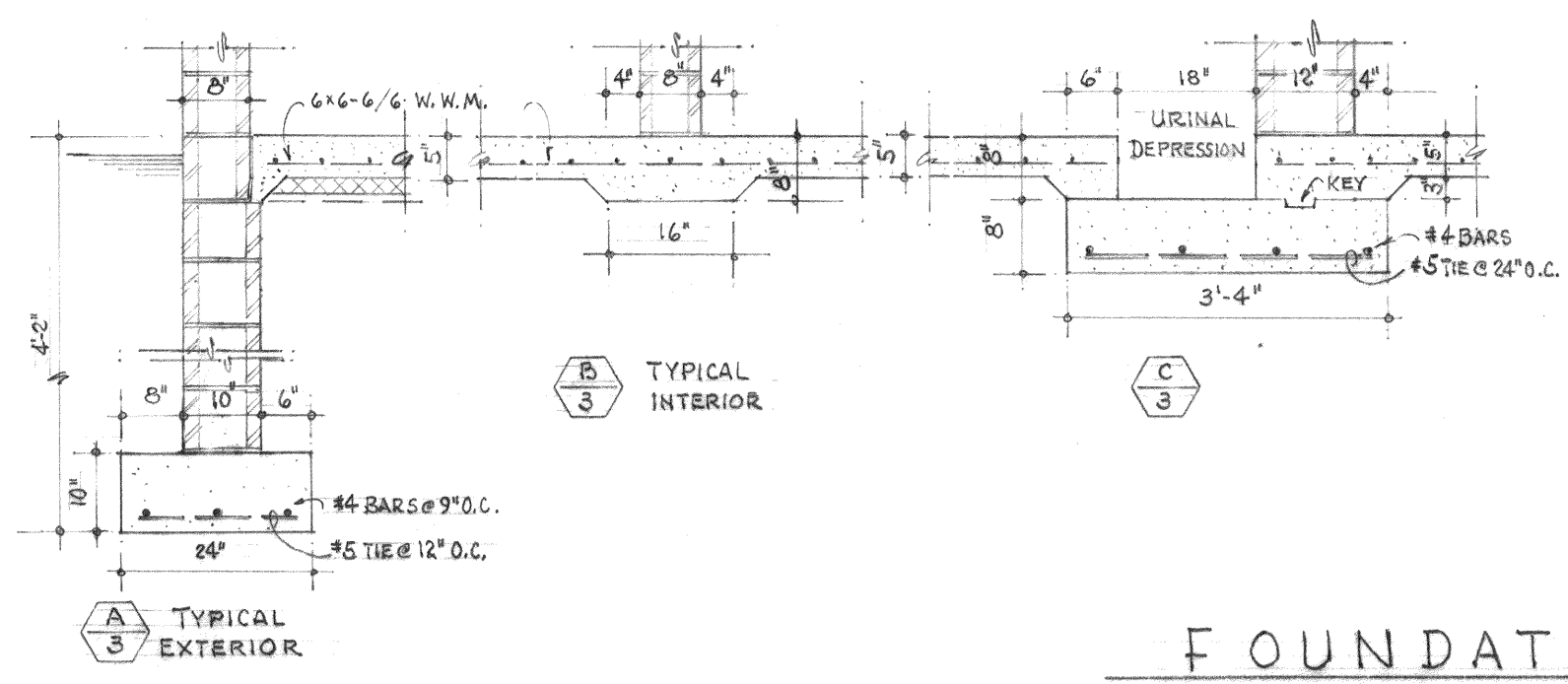
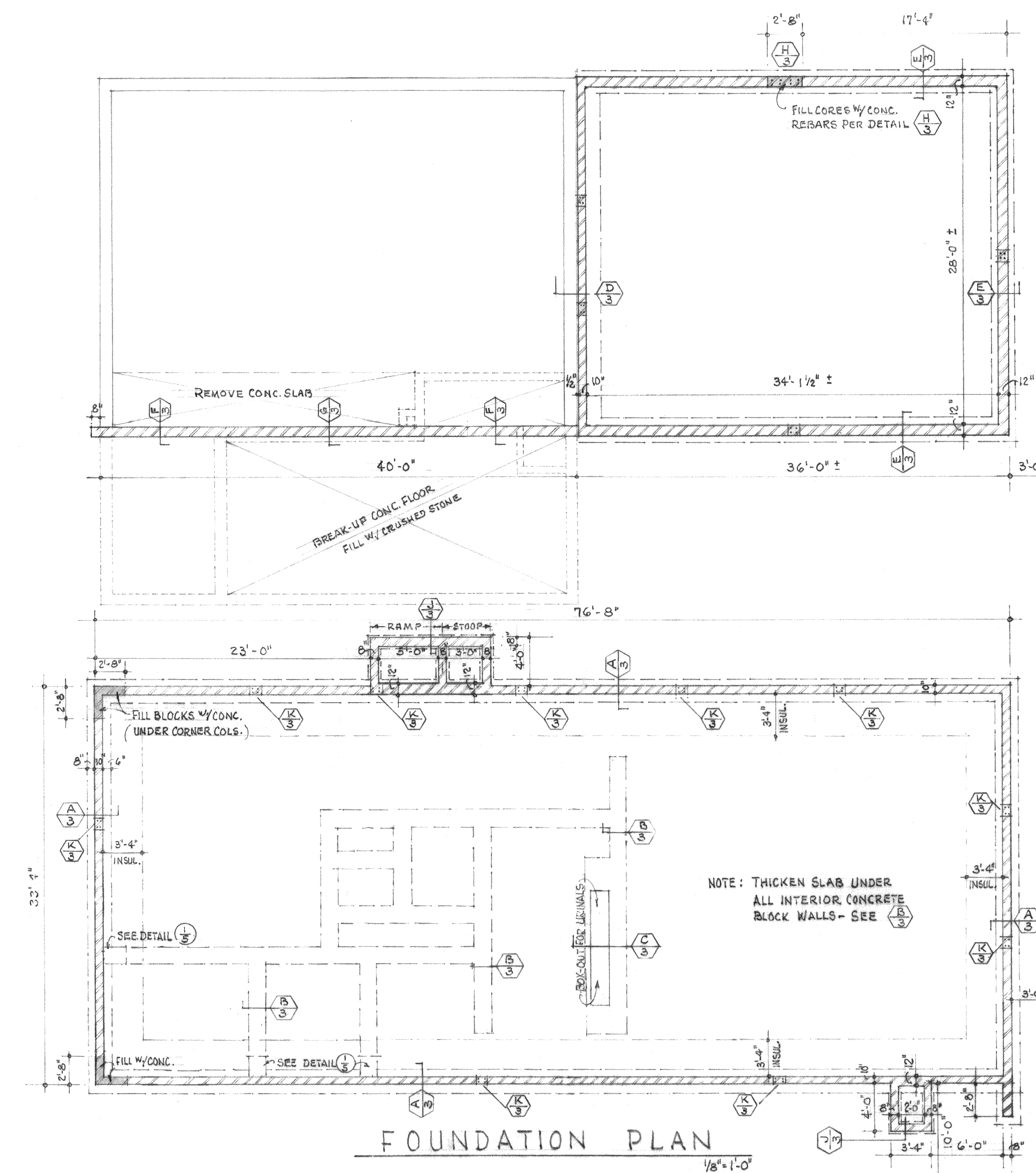
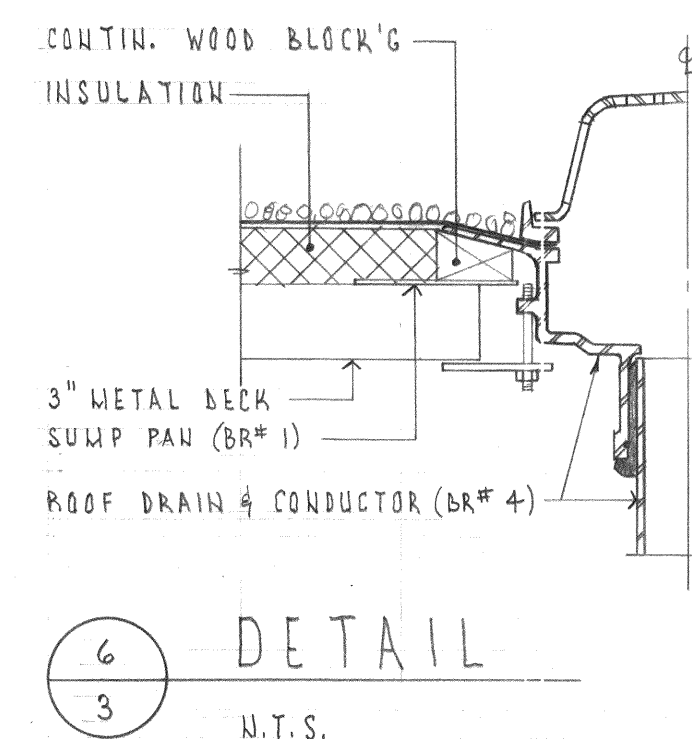
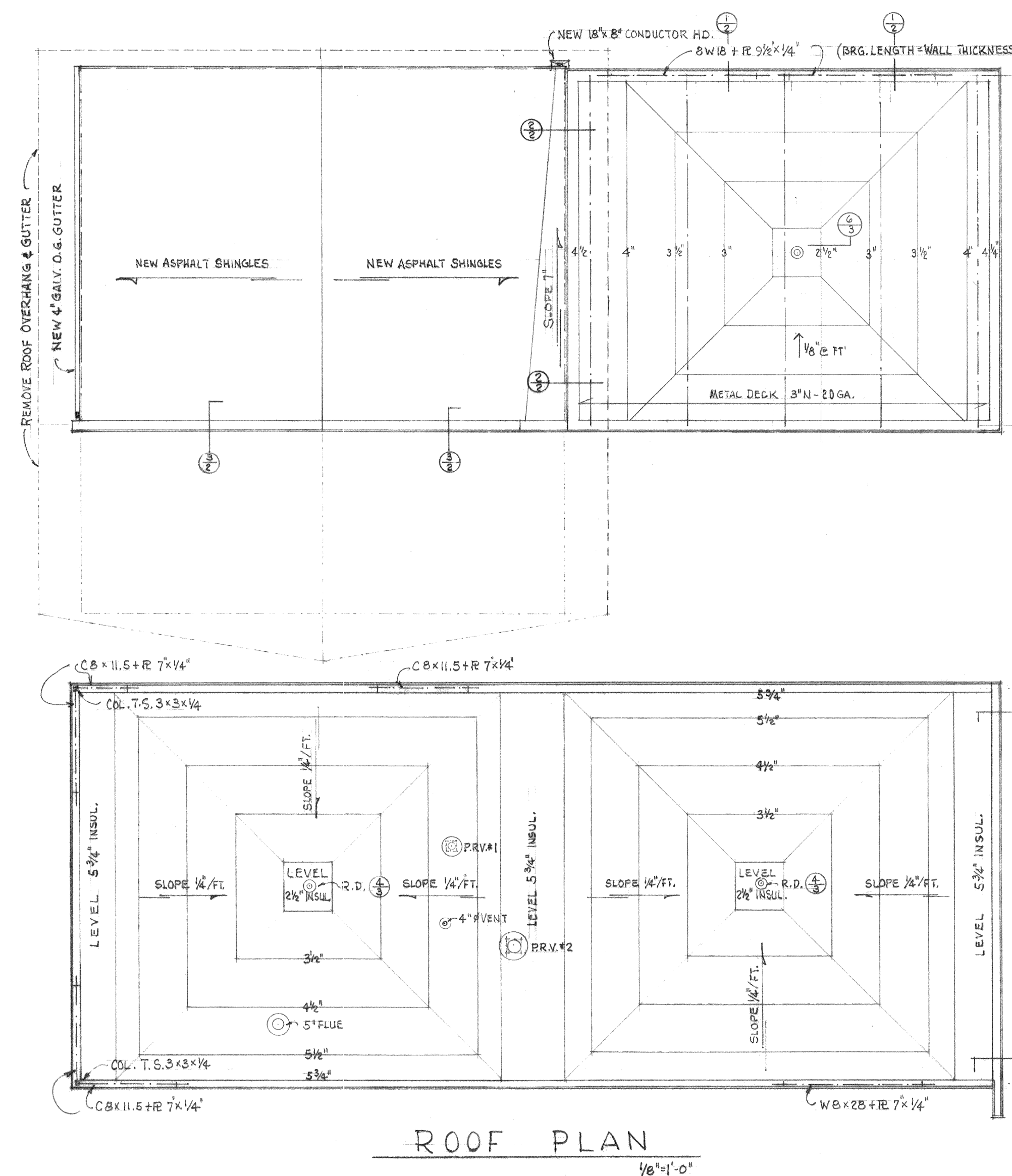
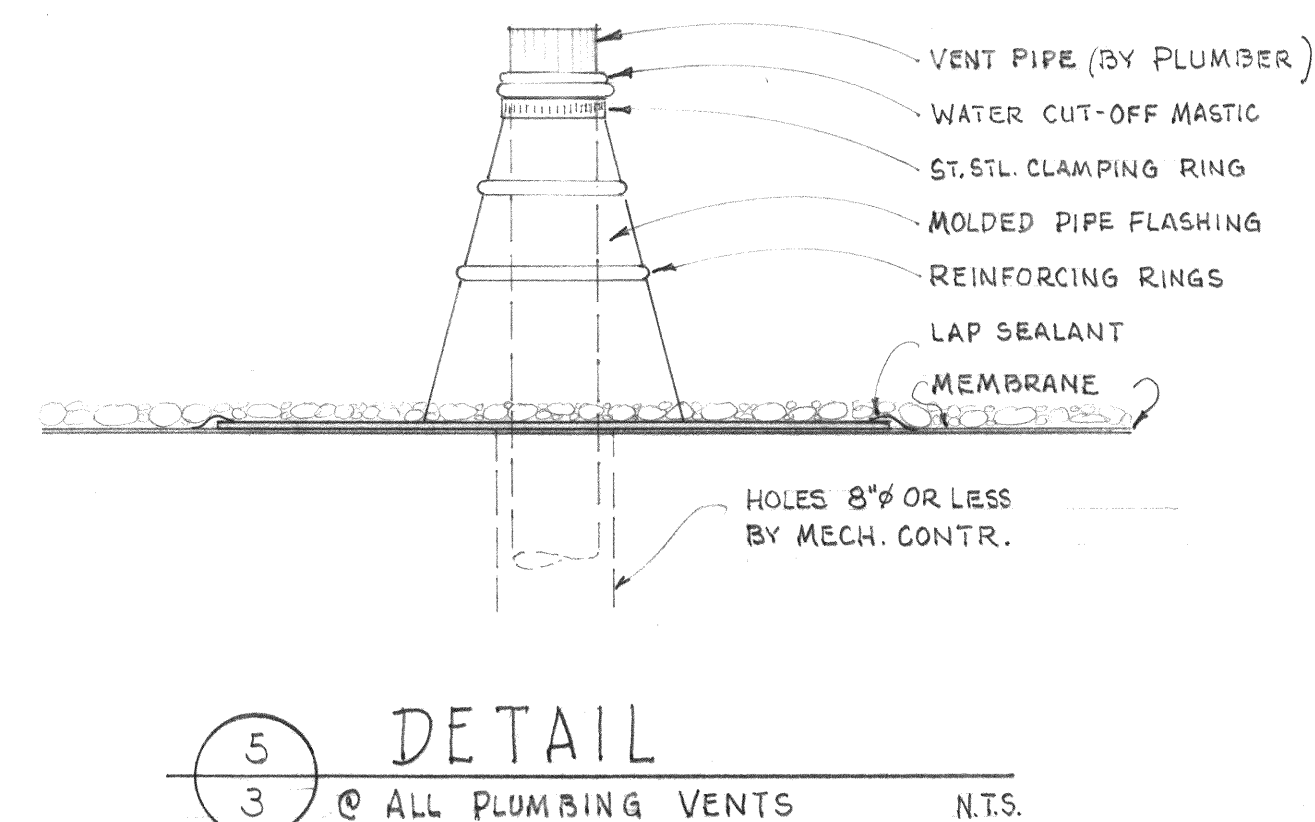
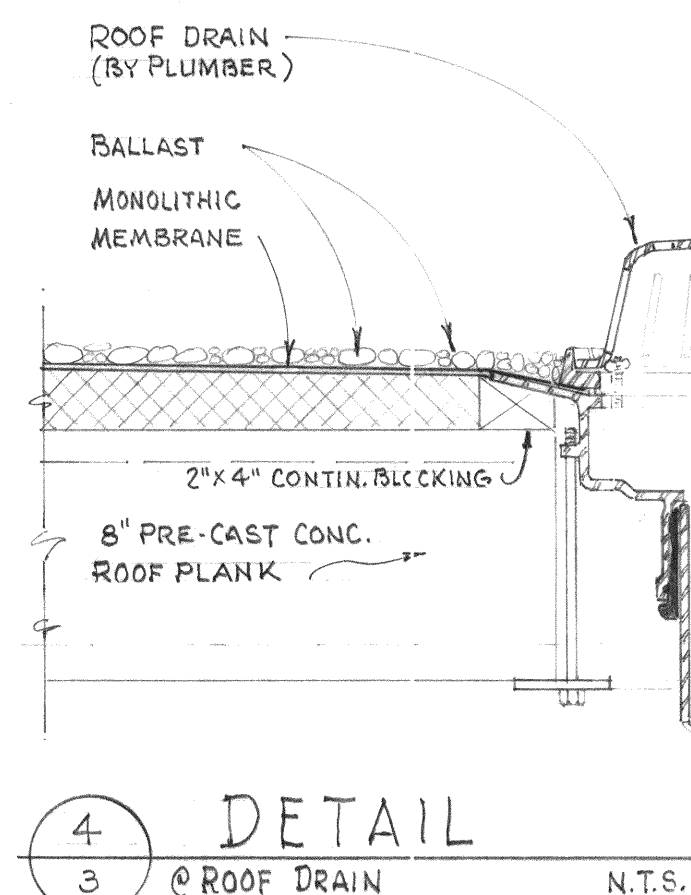
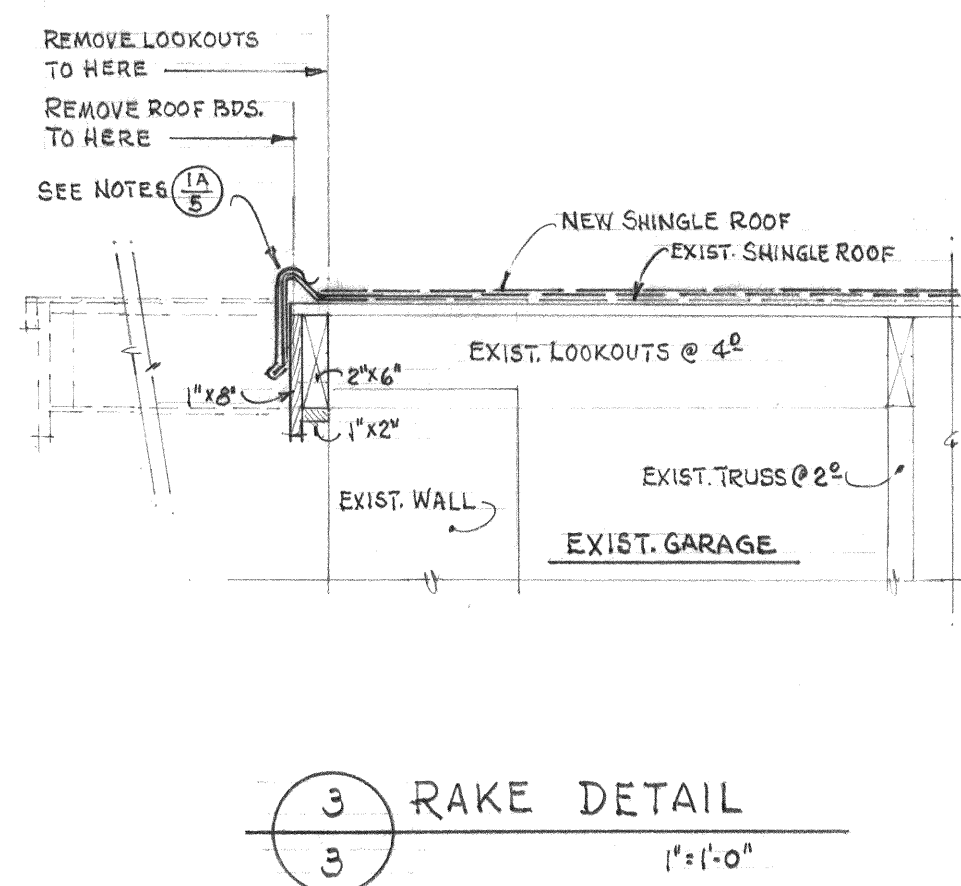
16-D-1
 TYPING POST

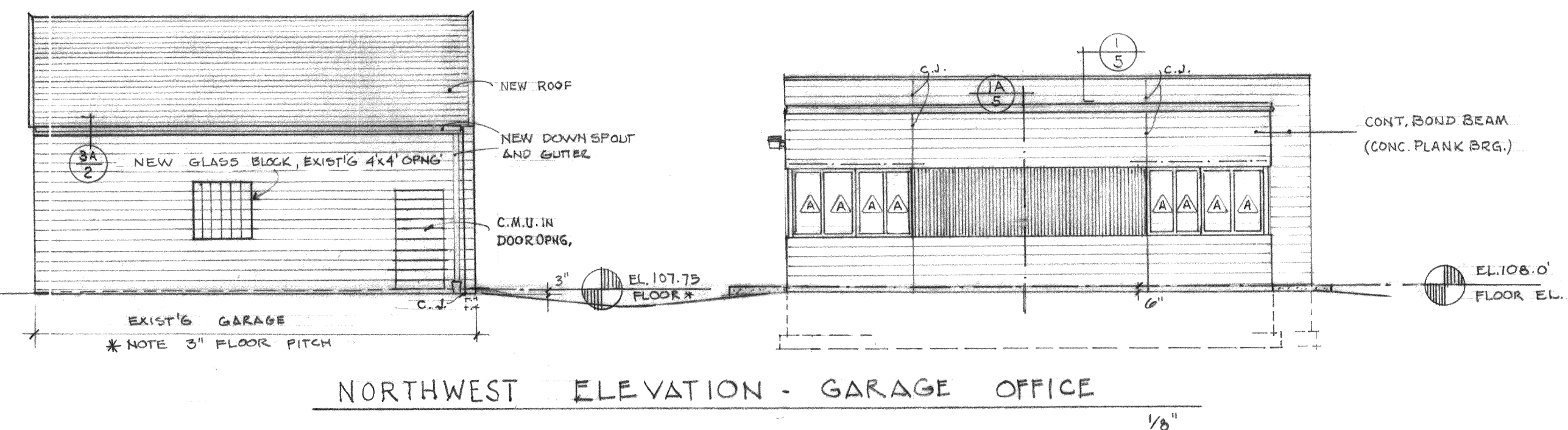
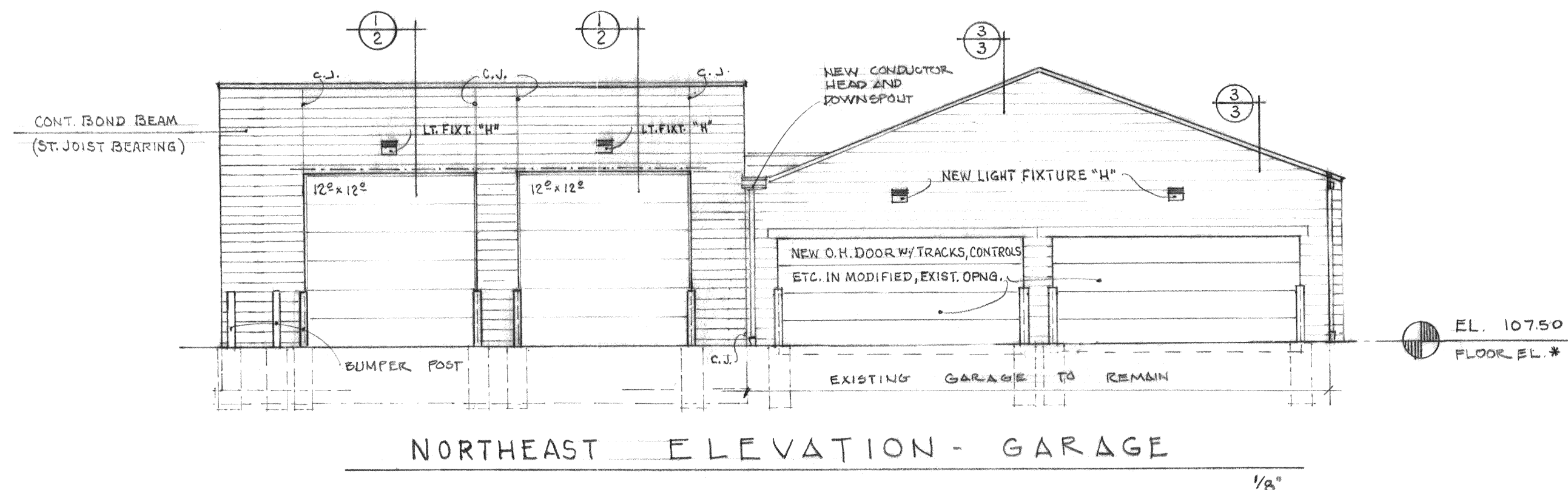


FLOOR PLAN & DETAILS

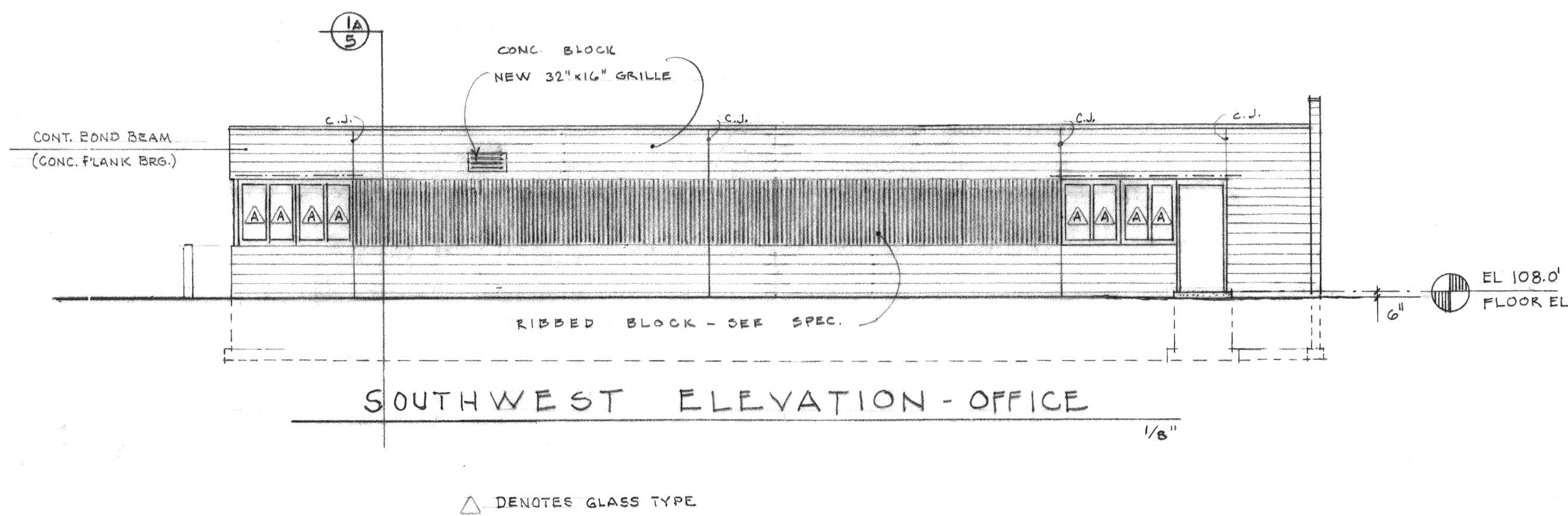
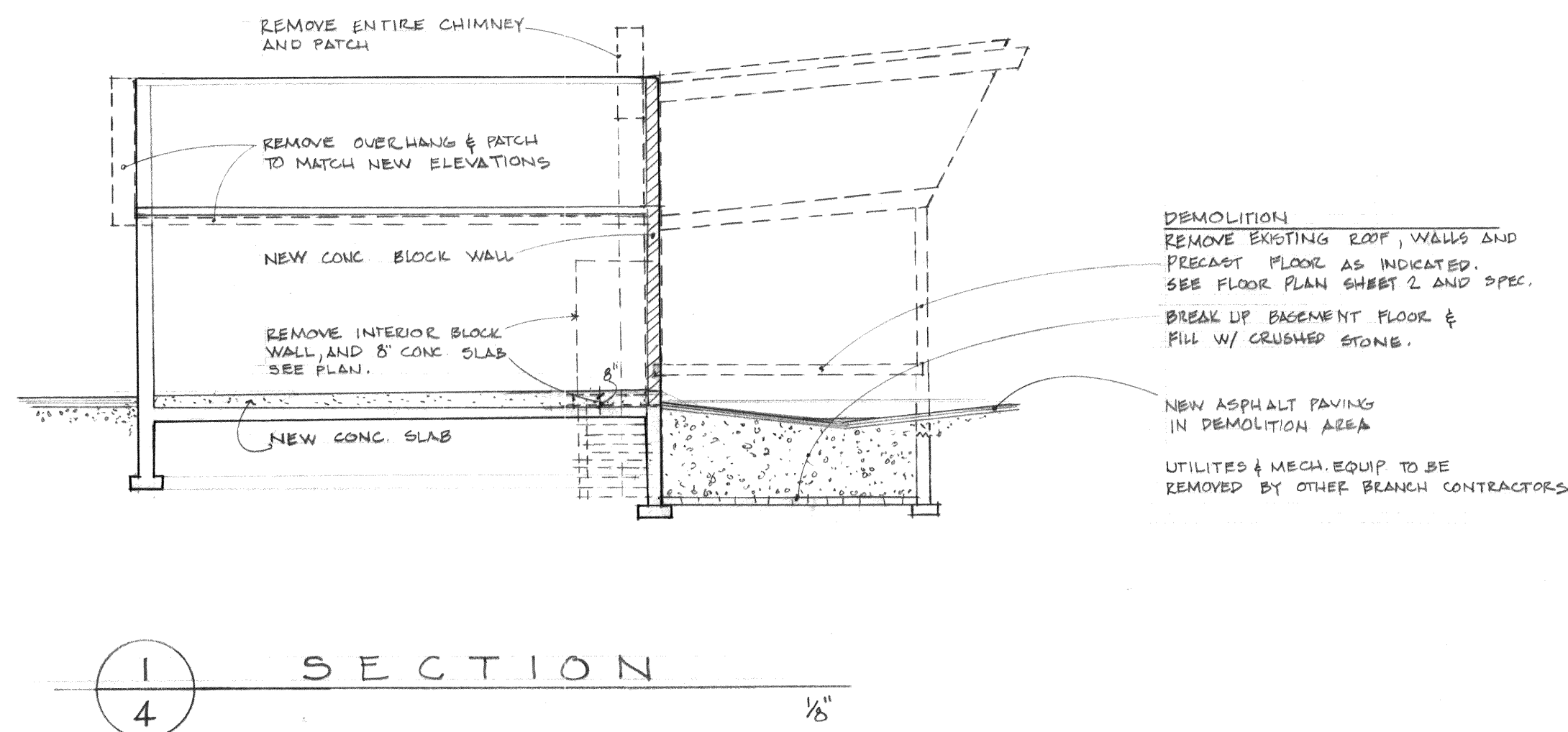
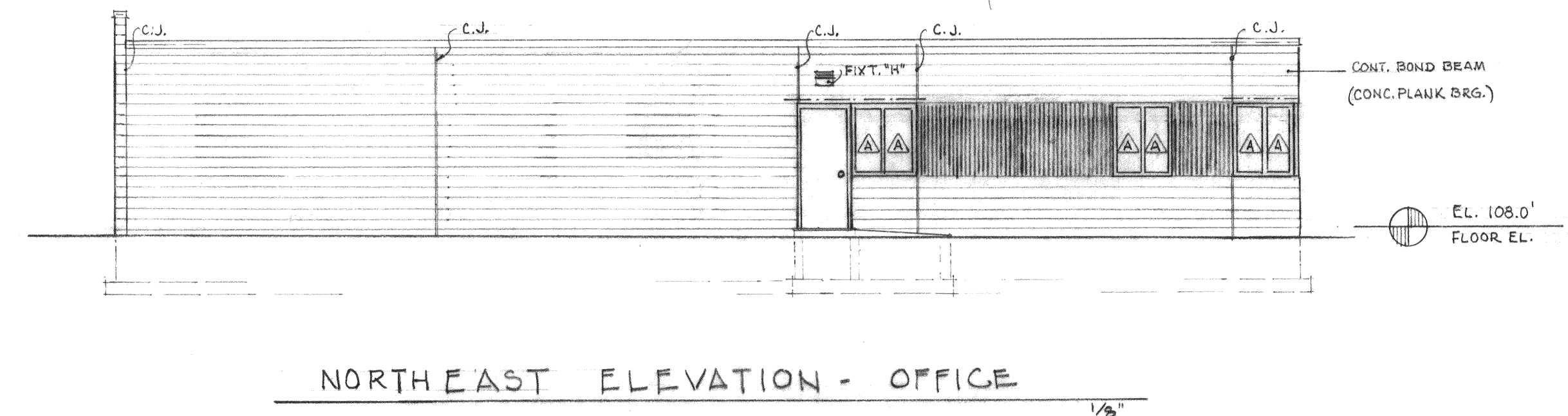
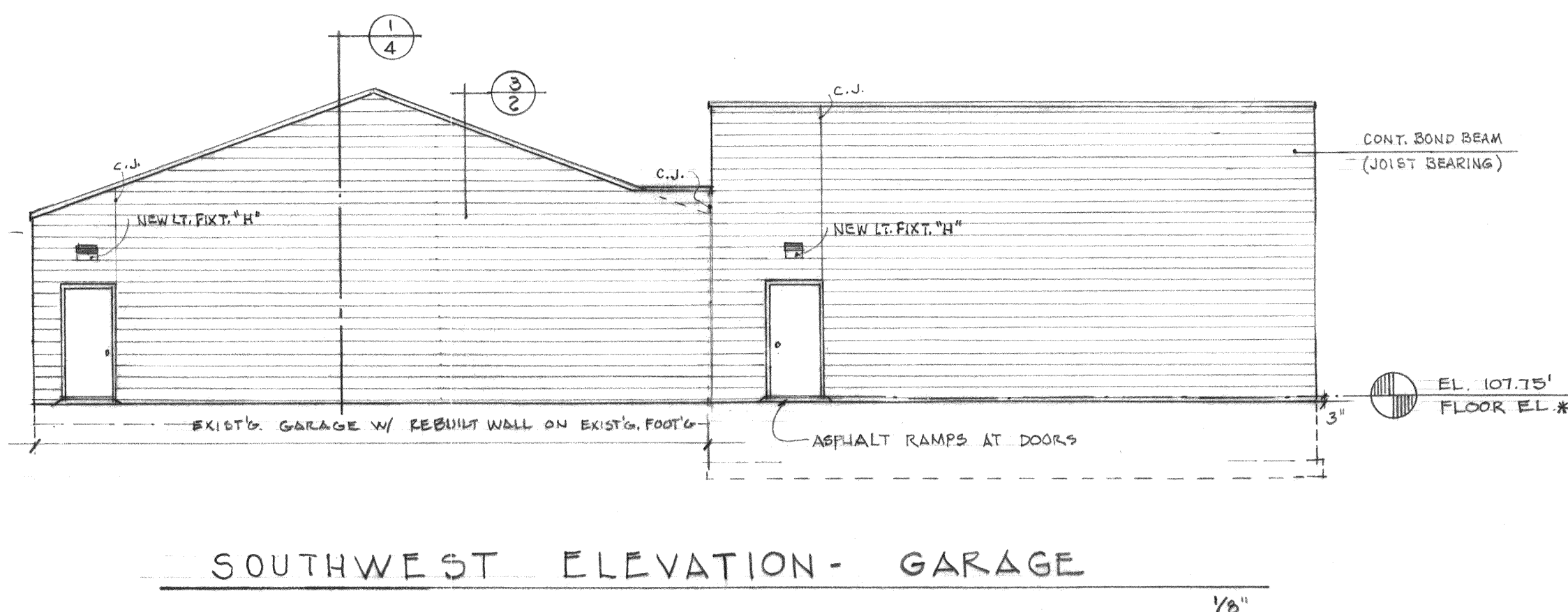


16-D-1

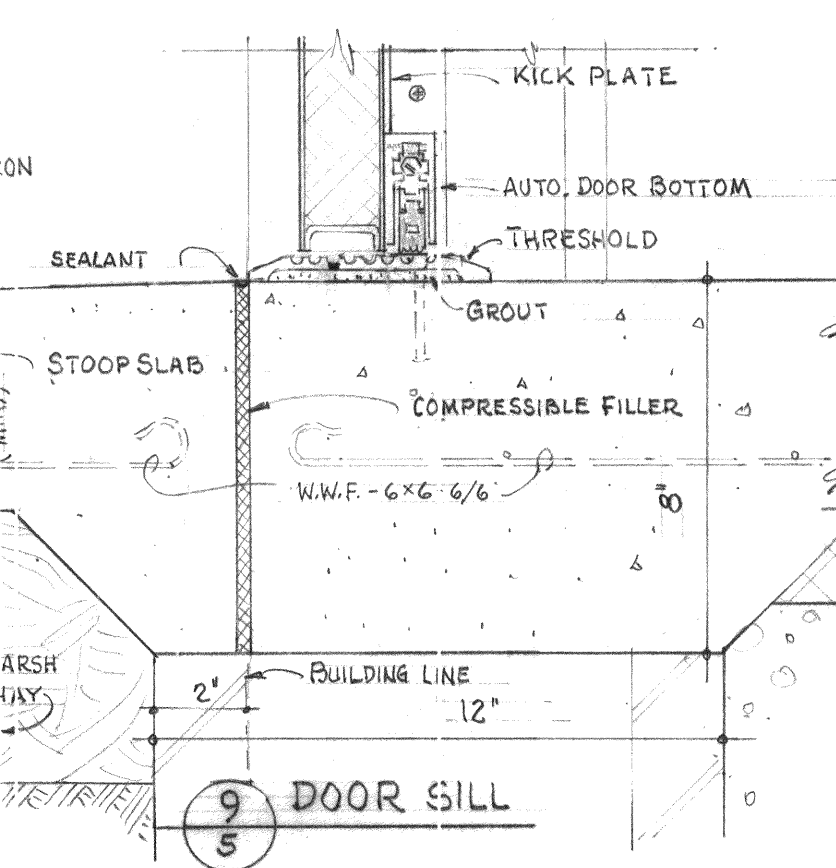
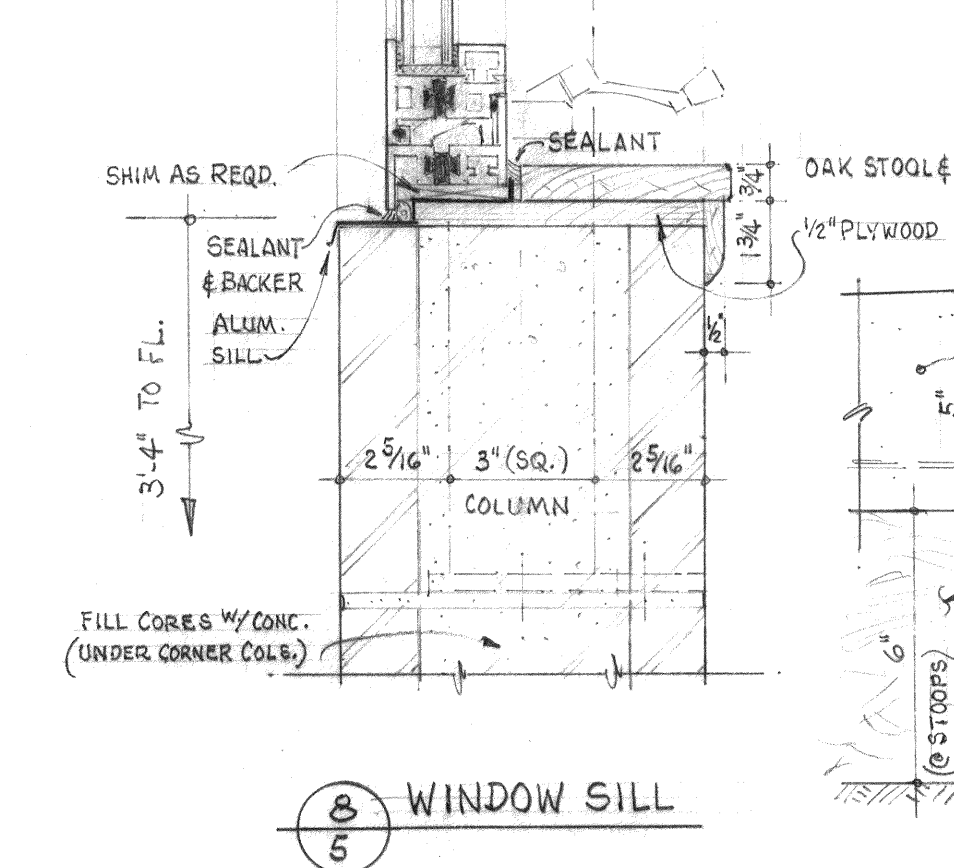
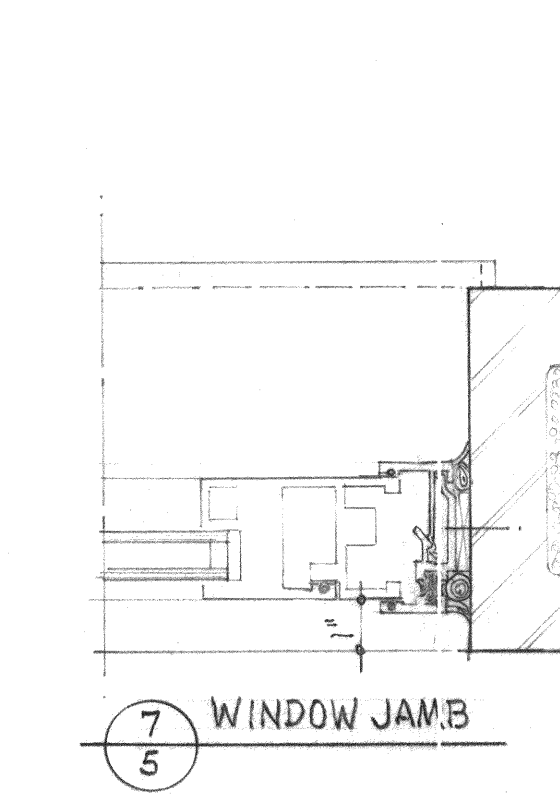
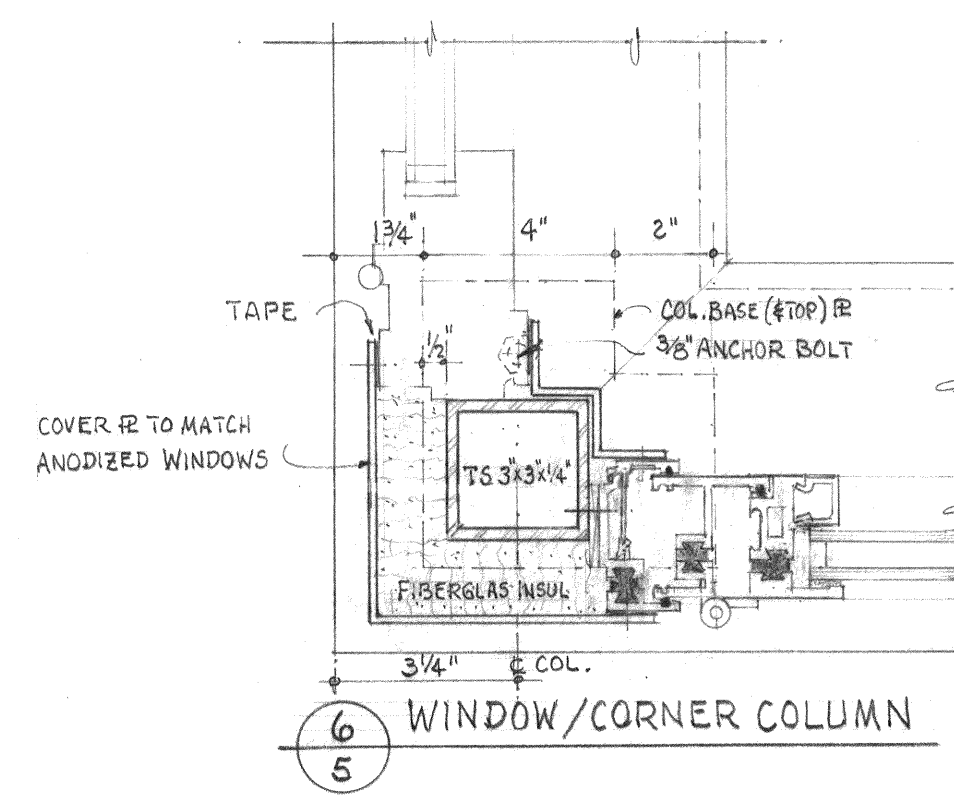
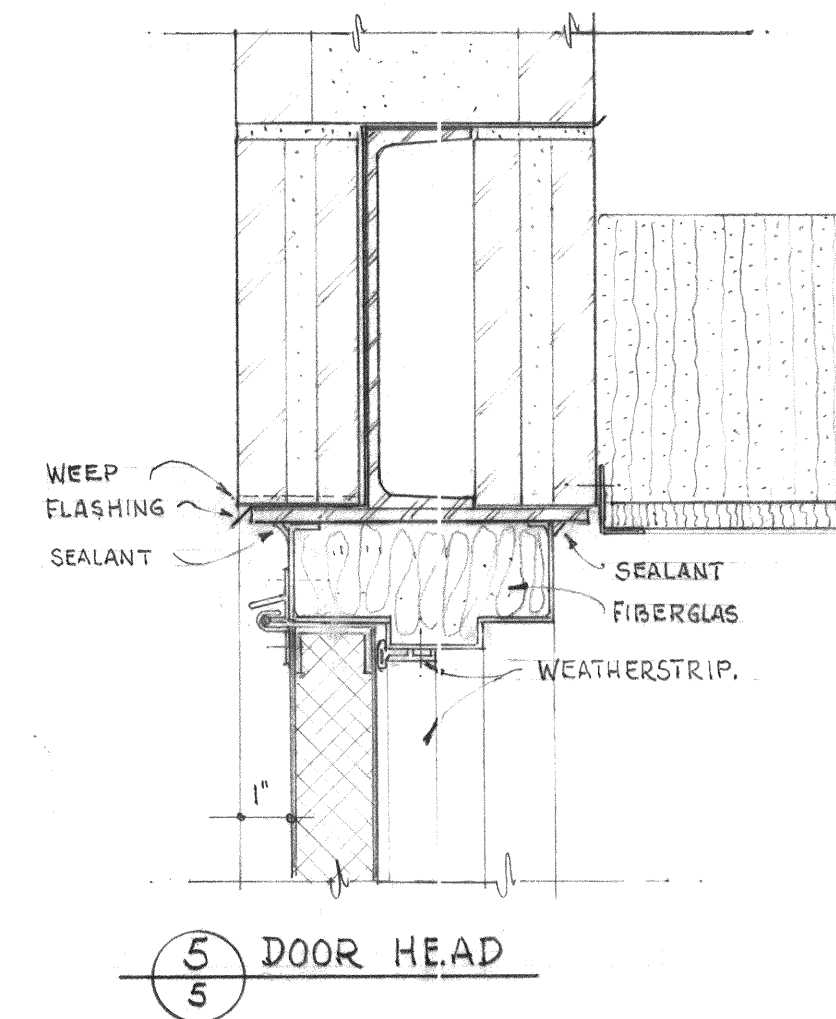
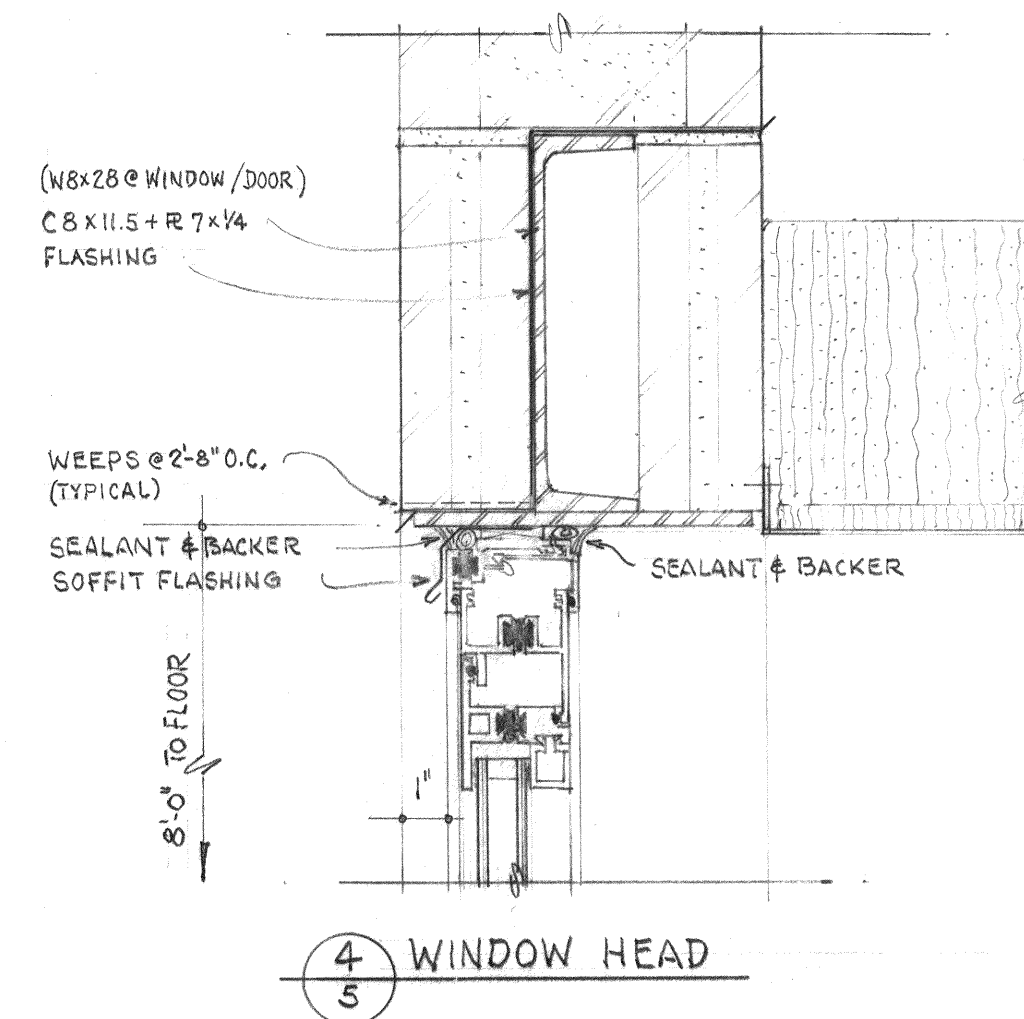
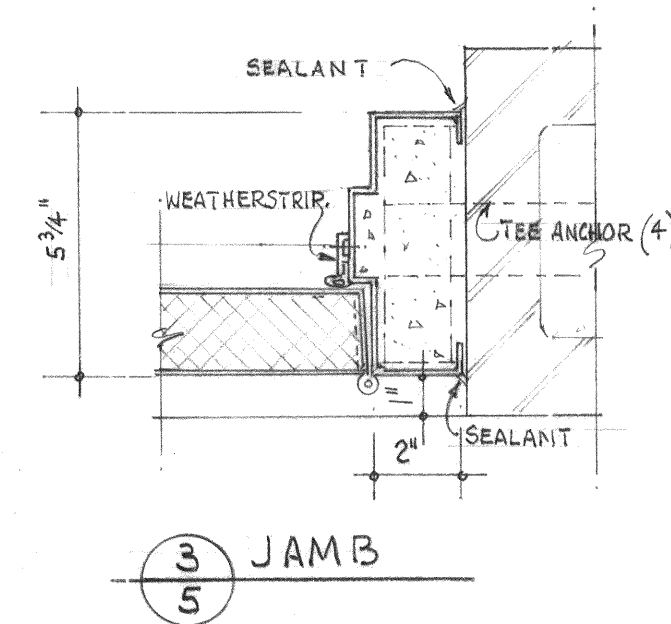
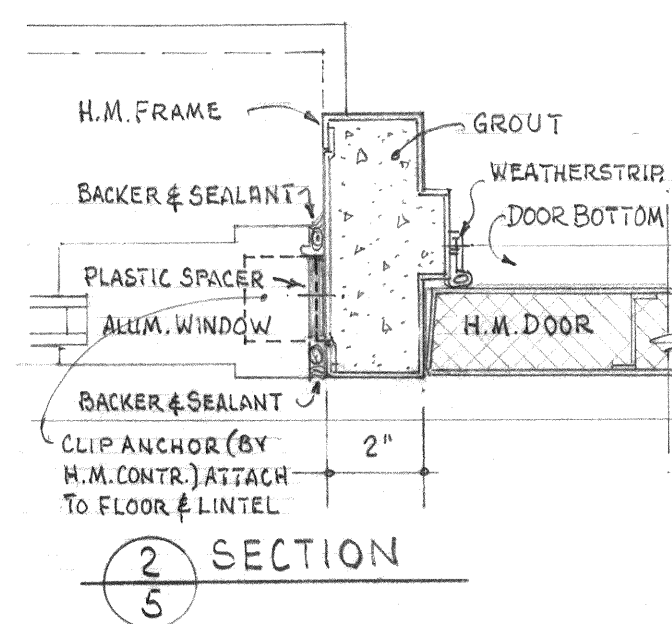
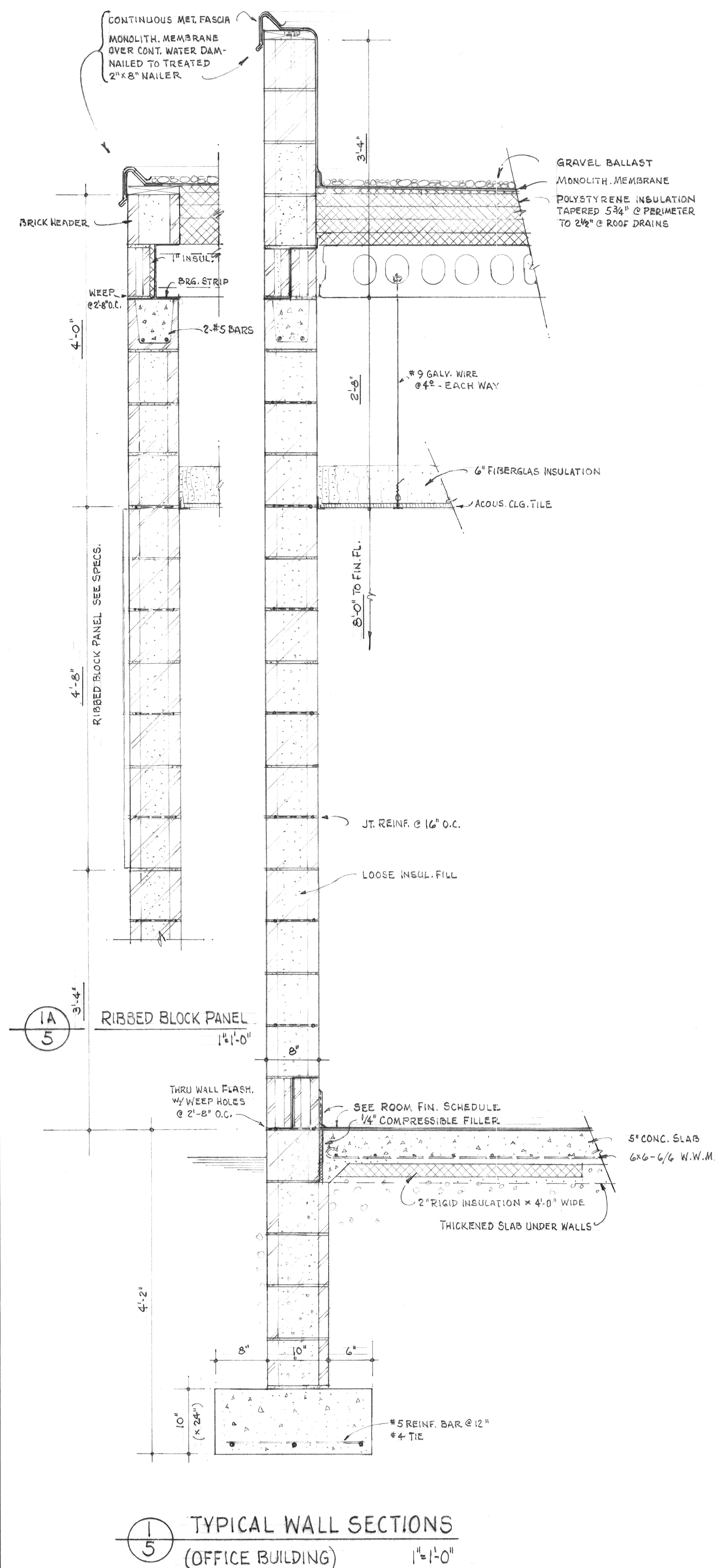




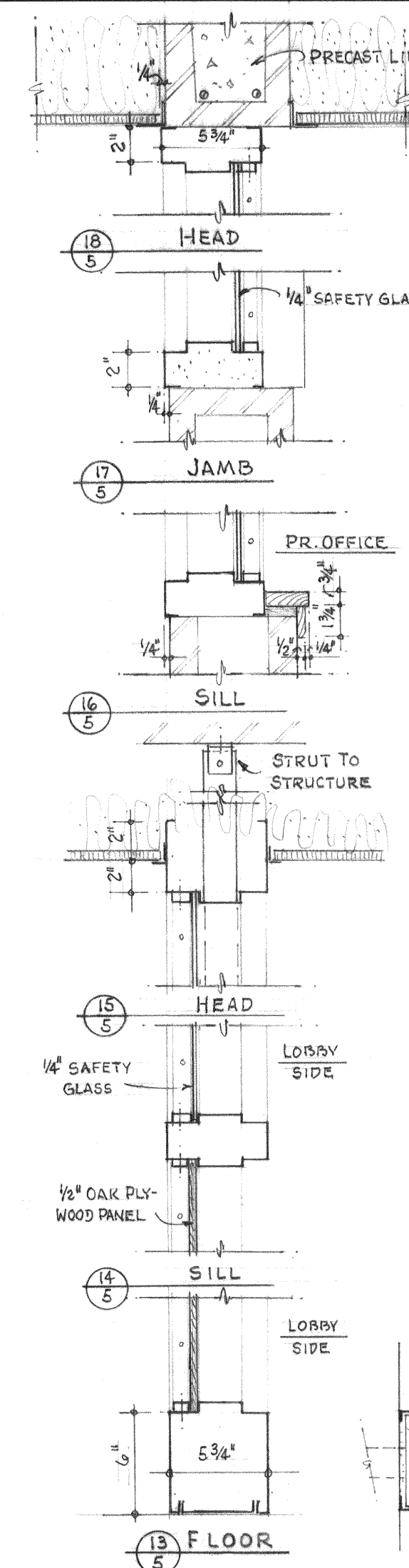
NOTE
3" FLOOR PITCH FROM WEST TO EAST ELEVATIONS OF GARAGE *
C.J. - CONTROL JOINTS



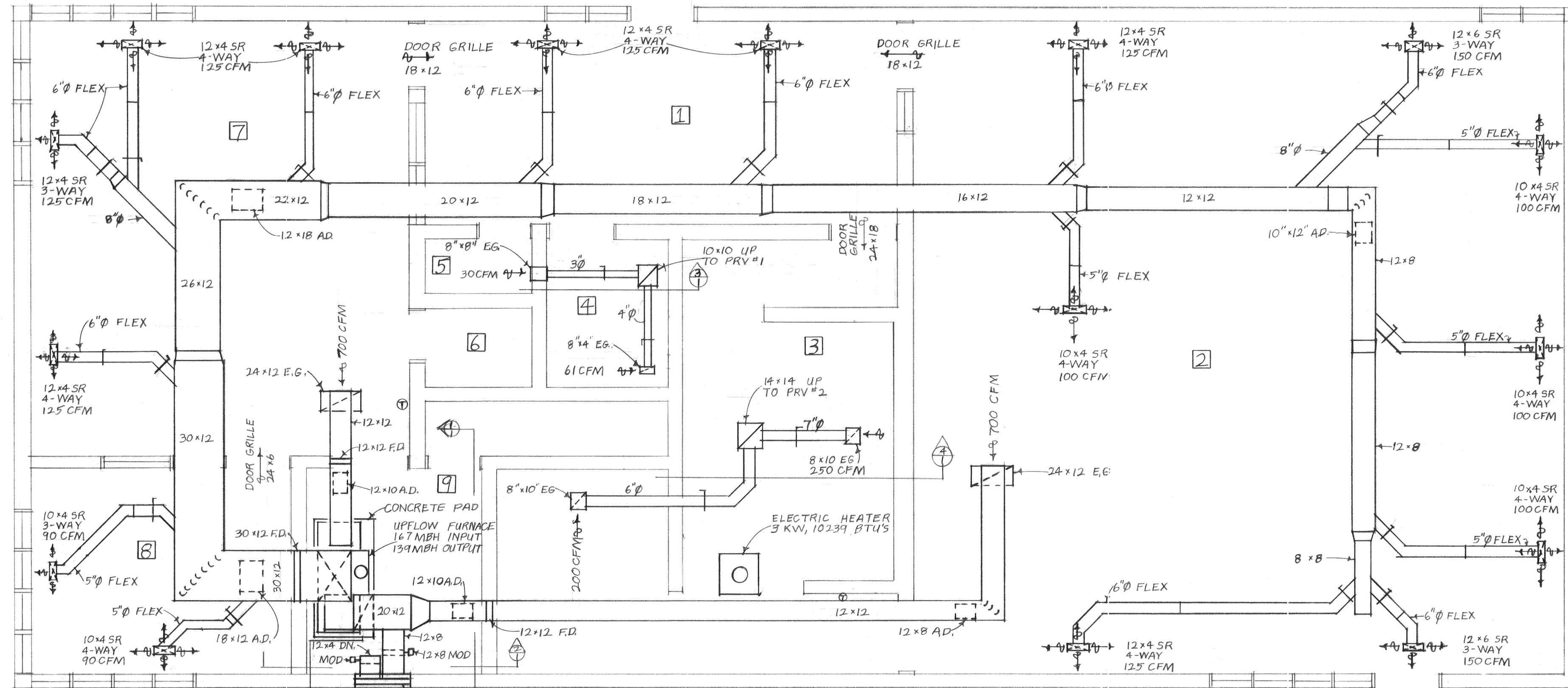
△ DENOTES GLASS TYPE



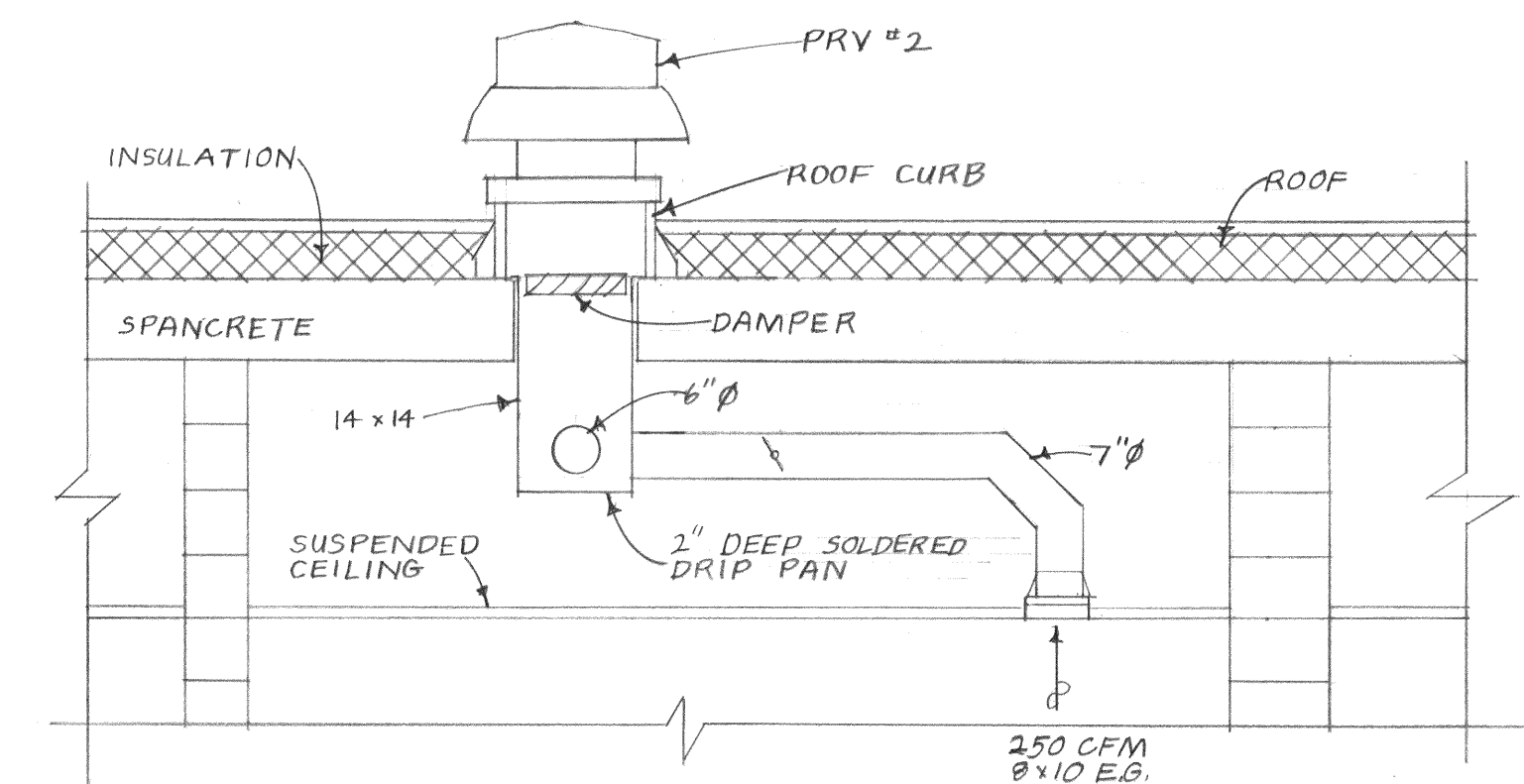
WINDOW & DOOR DETAILS 3'-11-0"



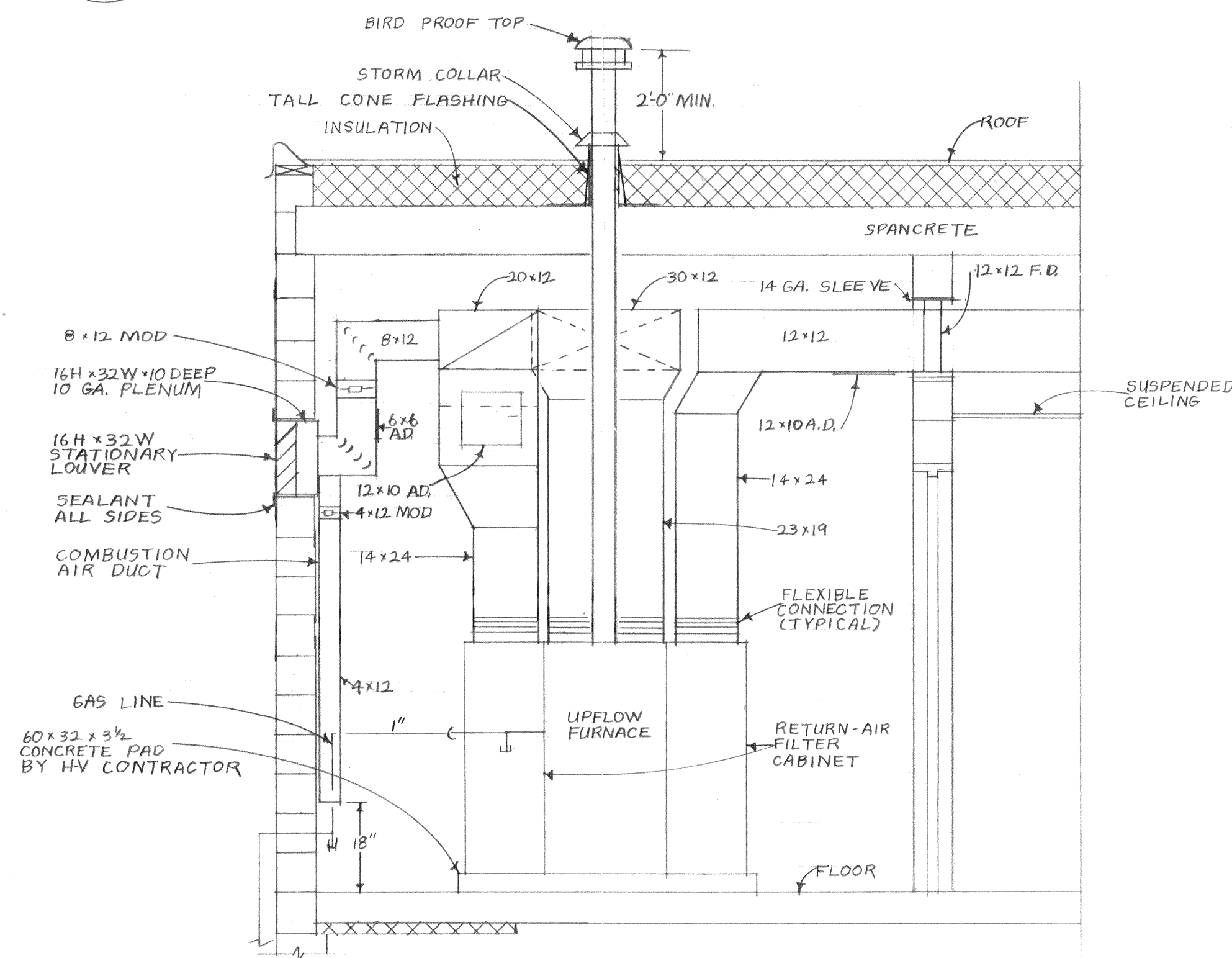
LEGEND		
SYMBOL	ABBR.	DESCRIPTION
		SUPPLY AIR DUCT (UP)
		OUTSIDE AIR DUCT (UP)
		SUPPLY OR OUTSIDE AIR DUCT (DOWN)
		EXHAUST AIR DUCT (UP)
		RETURN AIR DUCT (UP)
		EXHAUST OR RETURN DUCT (DOWN)
		ACOUSTICALLY LINED DUCT
		FLEXIBLE CONNECTION
		VOLUME CONTROL DAMPER
	MOD.	MOTOR OPERATED DAMPER
	F.D.	FIRE DAMPER
		TURNING VANES
		DEFLECTOR
		INCLINED RISE, WITH RESPECT TO AIR FLOW
		INCLINED DROP, WITH RESPECT TO AIR FLOW
		DUCT SIZE, 1ST FIGURE - SIDE SHOWN, 2ND FIGURE - SIDE NOT SHOWN
	A.D.	ACCESS DOOR
	E.G.	EXHAUST GRILLE



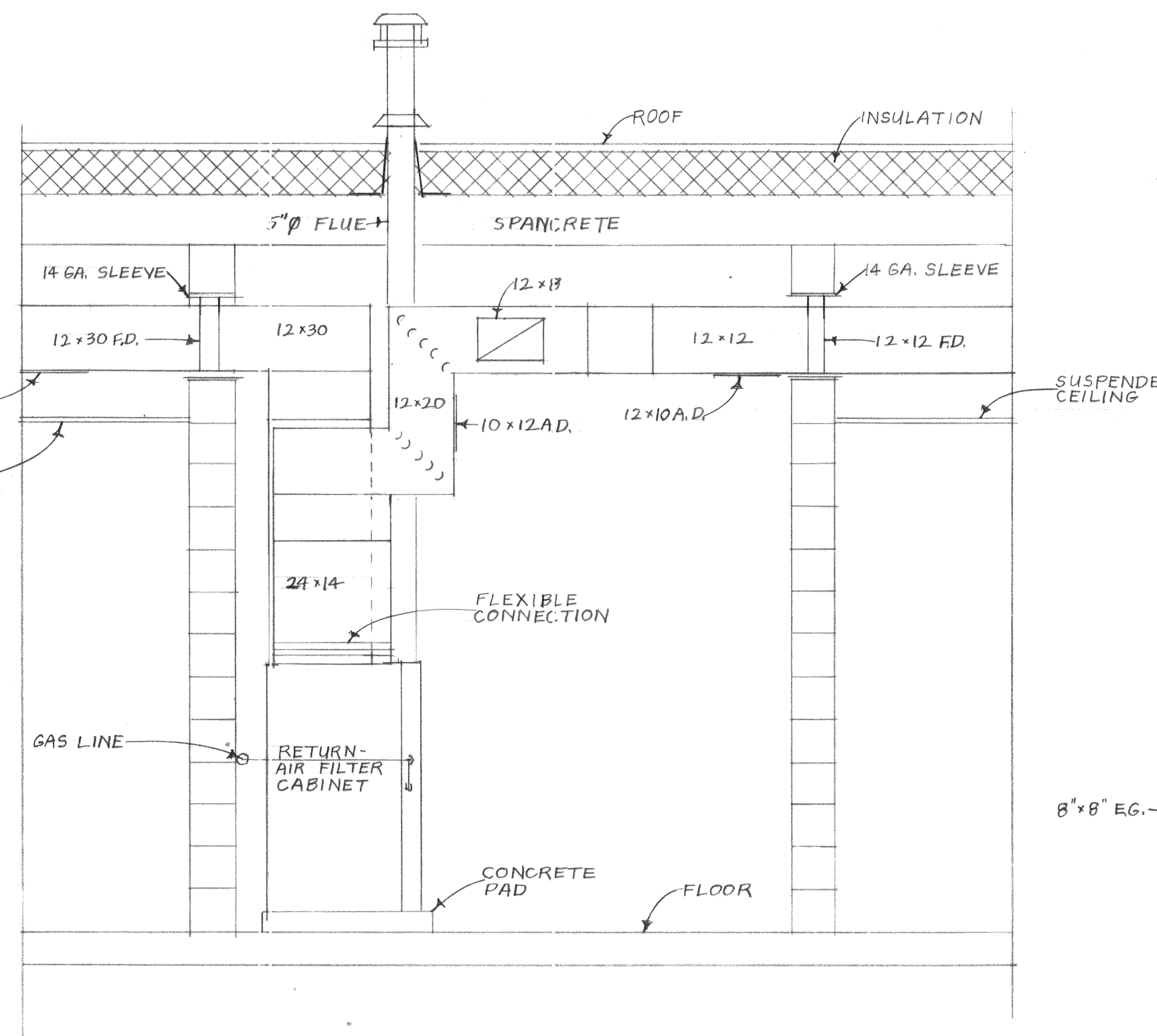
CEILING PLAN
SCALE: 1/4" = 1'-0"



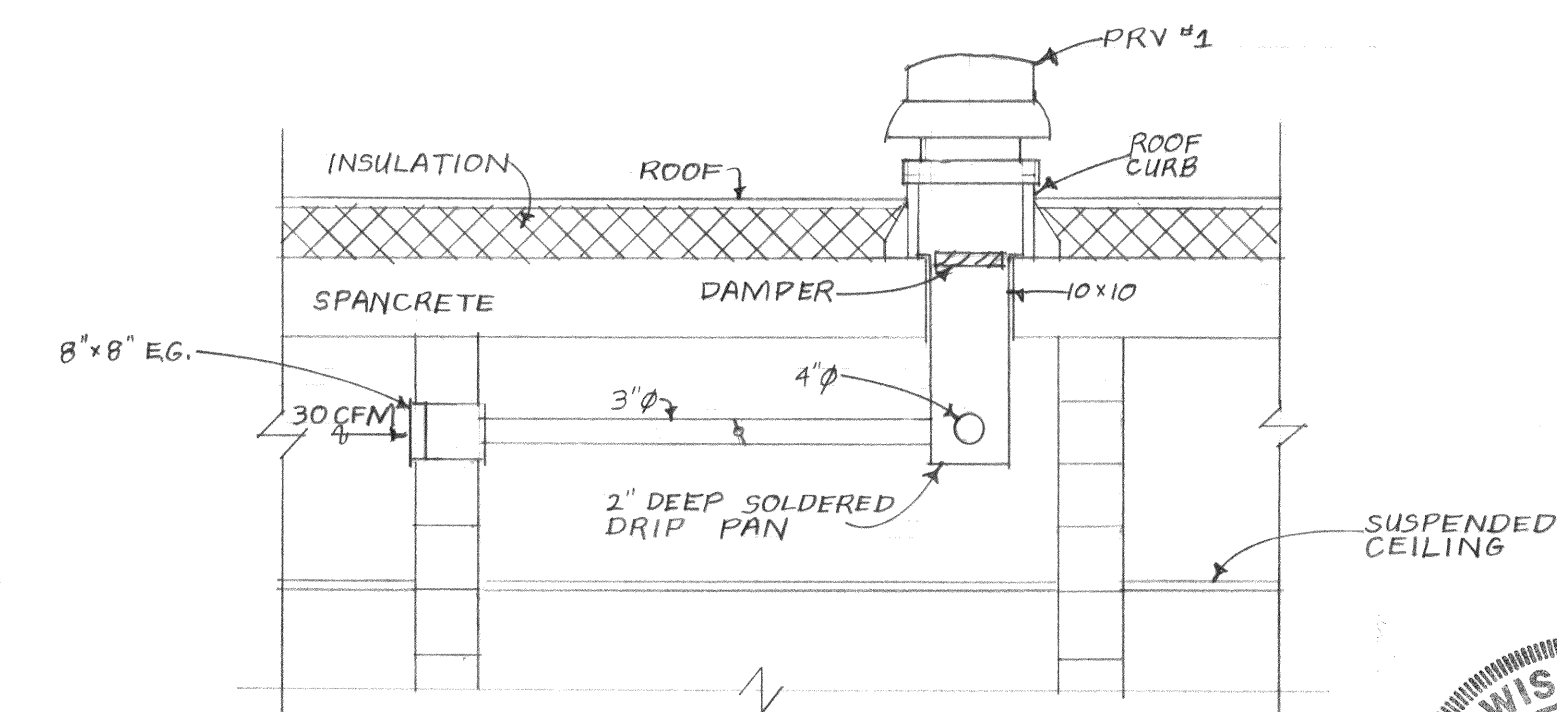
SECTION 4
SCALE: 1/2" = 1'-0"



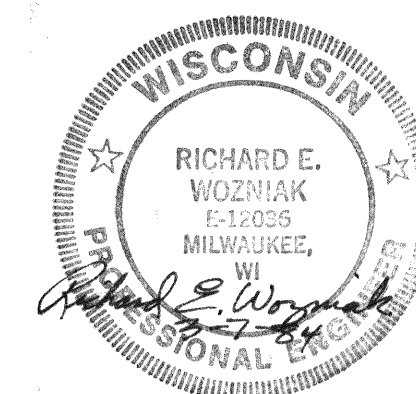
SECTION 1
SCALE: 1/2" = 1'-0"



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



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



POWER ROOF VENTILATOR SCHEDULE

NO.	AREA SERVED	MODEL	CFM	DAMPER	S.P.	RPM	HP	POWER	REMARKS
1	ROOMS 4 & 5	G	91	BACKDRAFT	1/4	1300	1/60	120/14/60	GREENHECK NO. G-65-G
2	ROOM 3	G	450	BACKDRAFT	1/4	860	1/20	120/14/60	GREENHECK NO. G-120-C

MOTOR OPERATED DAMPER SCHEDULE

ROOM NO.	NO. REQ'D.	SIZE WIDTH×HEIGHT	REMARKS
9	1	12×8	ARROW MODEL OBDPL-507
9	1	12×4	ARROW MODEL OBDPL-507

LOUVER SCHEDULE

ROOM NO.	NO. REQ'D.	SIZE	REMARKS
8	1	32W×16H×4D	ARROW MODEL SCW-2-F

FIRE DAMPER SCHEDULE

ROOM NO.	NO. REQ'D.	DUCT SIZE	MOUNTING	REMARKS
9	1	30×12	VERTICAL	ADVANCE AIR UL-75-B
9	2	12×12	VERTICAL	ADVANCE AIR UL-75-B

ACCESS DOOR SCHEDULE

ROOM NO.	NO. REQ'D.	SIZE	REMARKS
2	1	12×8	ADVANCE AIR MODEL 85A
2	1	10×12	
7	1	12×18	
8	1	12×18	
9	1	6×6	
9	3	12×10	

DOOR GRILLE SCHEDULE

ROOM NO.	NO. REQ'D.	SIZE	CFM EACH	TYPE	REMARKS
1	2	18×12	250	INVERTED "V"	ANEMOSTAT MODEL NS
3	1	24×18	450		
8	1	24×6	180		

ELECTRIC HEATER SCHEDULE

ROOM NO.	NO. REQ'D.	KW	VOLTAGE	MOUNTING	REMARKS
3	1	3KW/0.239 BTU/H	240/14/60	CEILING	MARKEL MODEL H3483

FURNACE SCHEDULE

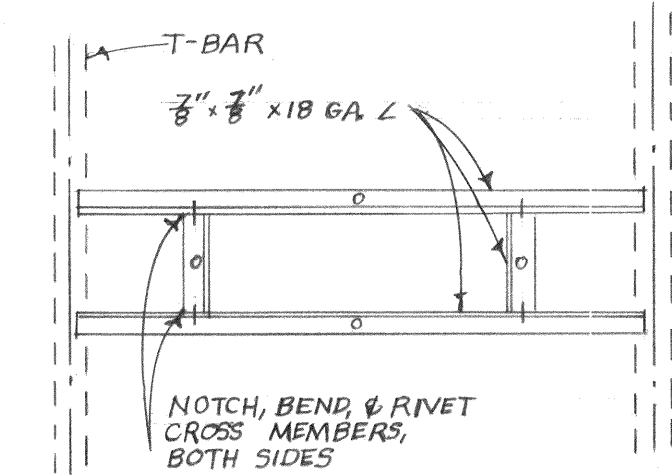
ROOM NO.	TYPE	INPUT	OUTPUT	RATED CFM @ S.P.	POWER	BLOWER H.P.	REMARKS
9	UPFLOW	167 MBH	139 MBH	1890 @ .5	240/14/60	1/2	BRYANT MODEL 397 H SIZE 060140

SUPPLY REGISTER SCHEDULE

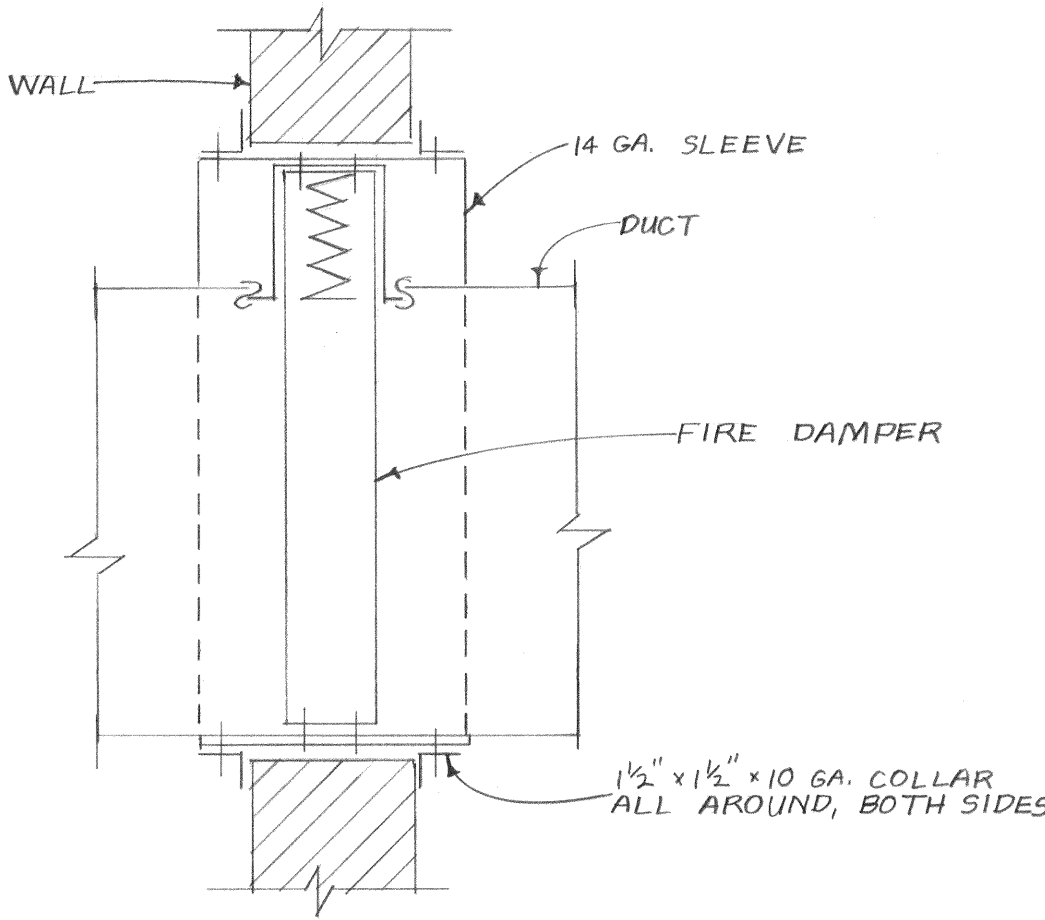
ROOM NO.	NO. REQ'D.	SIZE	CFM EACH	DIFFUSION	TYPE	DAMPER	REMARKS
1	2	12×4	125	4-WAY	ADJUSTABLE CURVED - BLADE	STEEL OPPOSED BLADE	ANEMOSTAT MODEL IC40
2	2	12×4	125	4-WAY			MODEL IC40
2	2	12×6	150	3-WAY			MODEL IC30
2	4	10×4	100	4-WAY			MODEL IC40
7	3	12×4	125	4-WAY			MODEL IC40
7	1	12×4	125	3-WAY			MODEL IC30
8	1	10×4	90	3-WAY			MODEL IC30
8	1	10×4	90	4-WAY			MODEL IC40

RETURN & EXHAUST REGISTER SCHEDULE

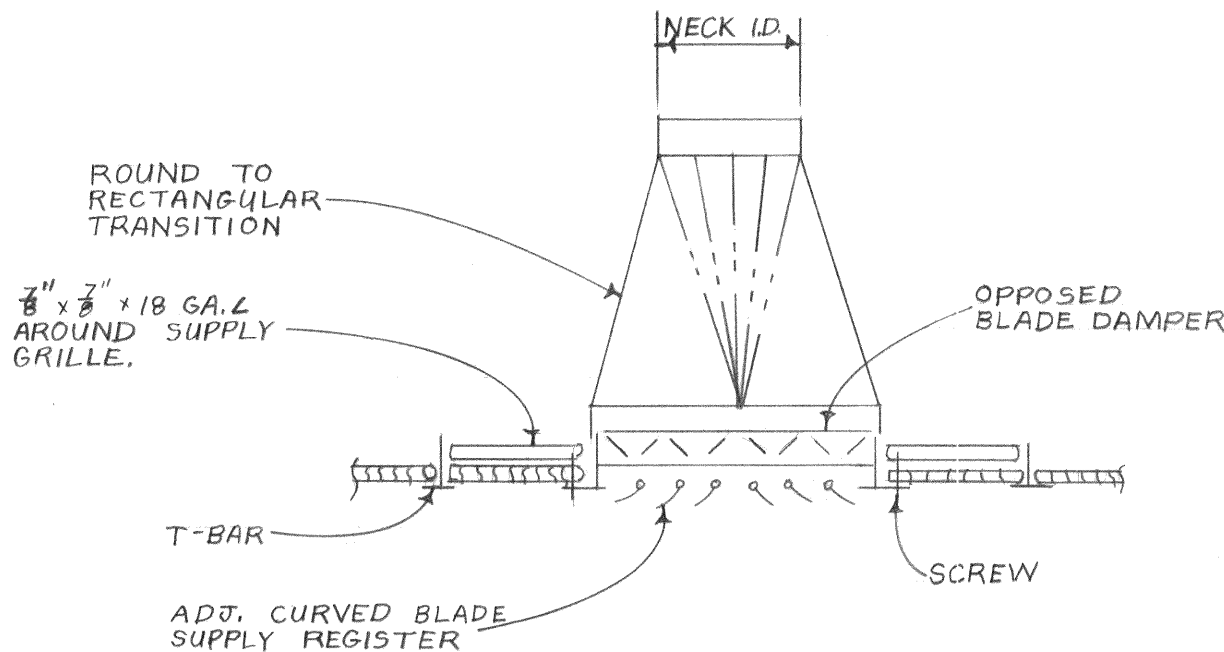
ROOM NO.	NO. REQ'D.	SIZE	CFM EACH	TYPE	DAMPER	REMARKS
2	1	24×12	700	1/2"×1/2"×1/2"	STEEL OPPOSED BLADE	ANEMOSTAT MODEL GC50
3	1	8×10	200			
3	1	8×10	250			
4	1	8×4	61			
5	1	8×8	30	INVERTED "V"		ANEMOSTAT MODEL NSB0
7	1	24×12	700	1/2"×1/2"×1/2"		ANEMOSTAT MODEL GC50



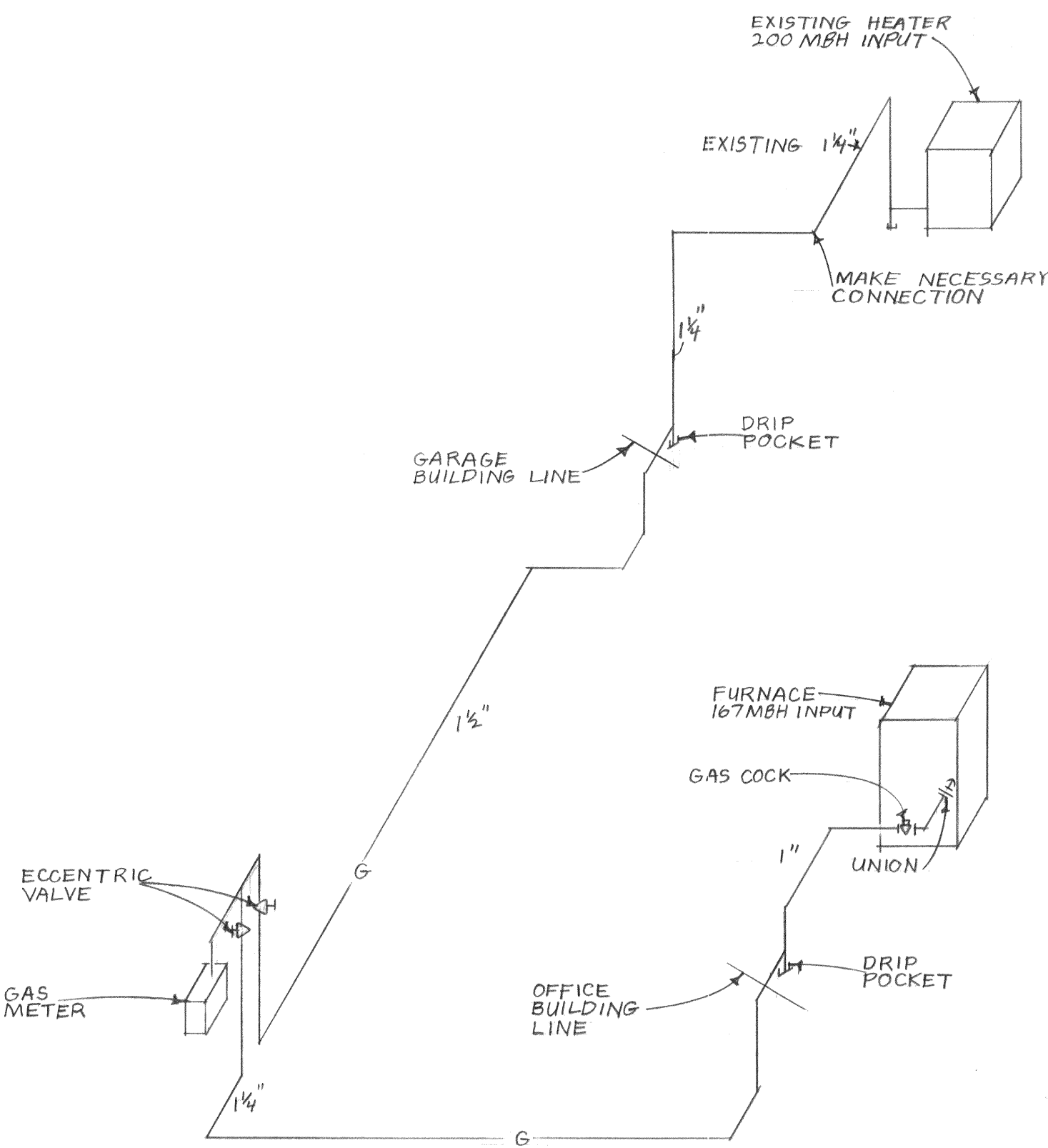
GRILLE SUPPORT ASSEMBLY
NO SCALE



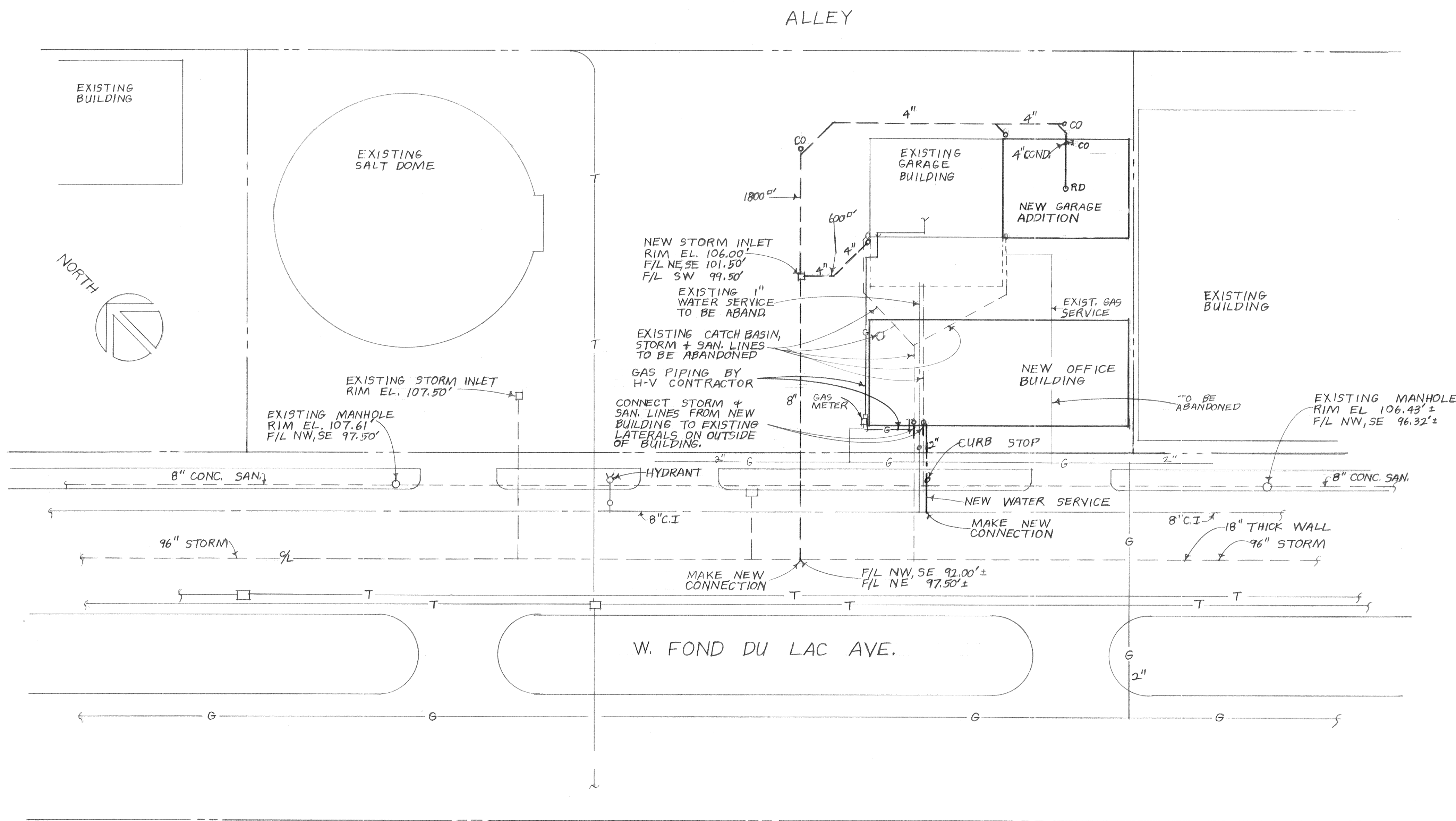
FIRE DAMPER INSTALLATION
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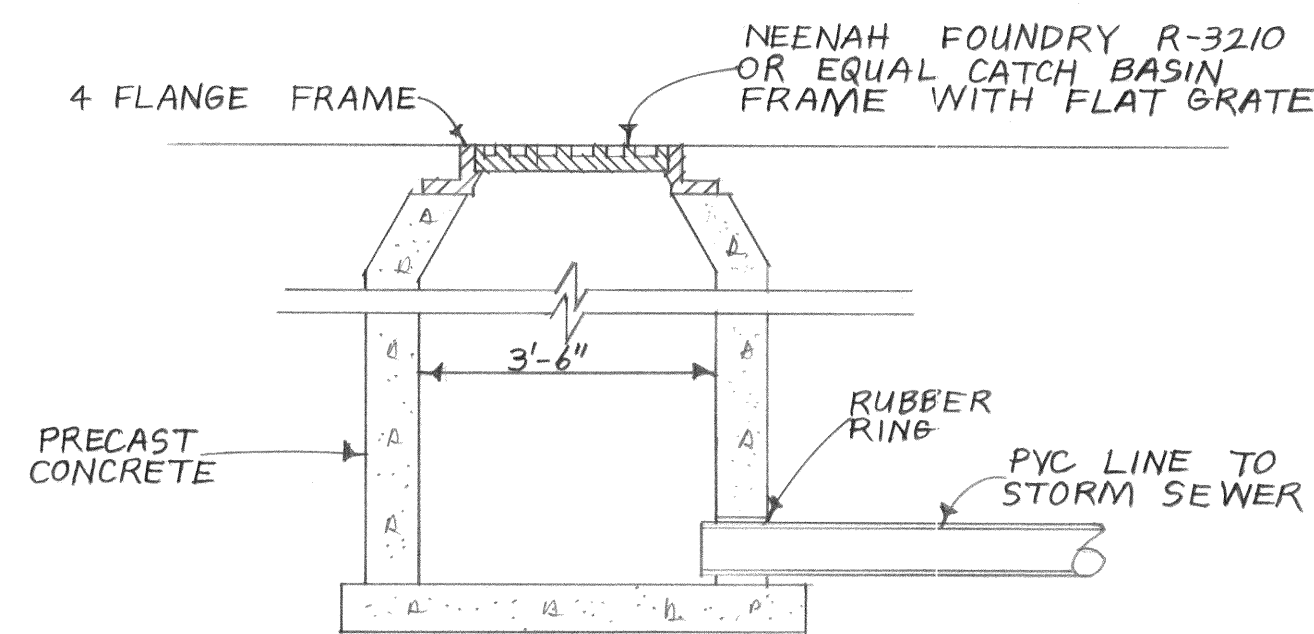
SUPPLY REGISTER INSTALLATION
NO SCALE



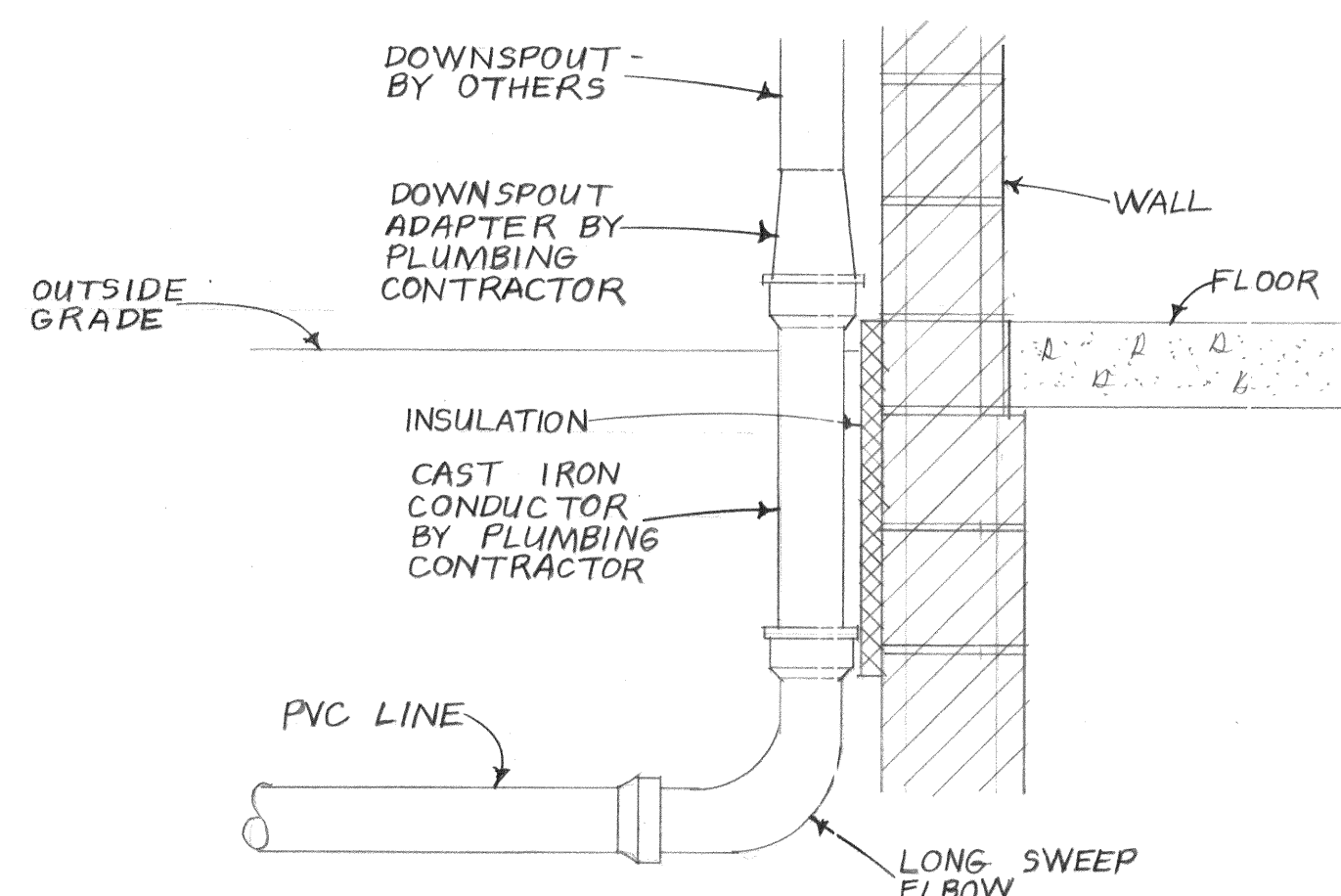
GAS PIPING SCHEMATIC
NO SCALE



SITE PLAN
SCALE: 1"=20'



STORM INLET DETAIL
NO SCALE



CONDUCTOR DETAIL
NO SCALE

LEGEND		
SYMBOL	ABBR.	DESCRIPTION
---	ST	STORM SEWER PIPING
---	SAN	SANITARY SEWER PIPING
---	COMB	COMBINED SEWER PIPING
---	W	WASTE PIPING (ABOVE GROUND)
---	V	VENT PIPING
---	CWS	COLD WATER SUPPLY
---	HWS	HOT WATER SUPPLY
---	HWR	HOT WATER RETURN

---	G	GAS PIPING
---	BES	BTE & ES STREET LIGHTING UNDERGROUND CABLE
---	F&P	BTE & ES COMMUNICATION UNDERGROUND CABLE
---	T	TELEPHONE CO. UNDERGROUND CABLE
---	E	WEP CO. UNDERGROUND CABLE
---	WU	WESTERN UNION UNDERGROUND CABLE

---		PROPERTY LINE

---		FENCE

---		AIR CHAMBER
---		BALL VALVE
---		CHECK VALVE
---		ECCENTRIC VALVE
---		FIXTURE SUPPLY STOP
---		GATE VALVE
---	O.H.B.	OUTSIDE HOSE BIBB OR DRAIN VALVE
---	WHA.	WATER HAMMER ARRESTER

---	A.D.	AREA DRAIN
---	ALP.	ALUMINUM LIGHT POLE
---	B.D.	BOTTLE DRAIN
---	C.I.	CAST IRON
---	C.O.	CLEAN-OUT
---	CONC.	CONCRETE
---	CLP.	CONCRETE LIGHT POLE
---	COND.	CONDUCTOR
---	D.F.	DRINKING FOUNTAIN
---	DT.	DRAIN TILE
---	D.I.	DUCTILE IRON
---	EWC.	ELECTRIC WATER COOLER
---	EL.	ELEVATION
---	F.U.	FIXTURE UNIT
---	FUV.	FIXTURE UNIT VALVE
---	F.D.	FLOOR DRAIN
---	F.S.	FLOOR SINK
---	F/L	FLOW LINE
---	HYD.	HYDRANT
---	LAV.	LAVATORY
---		PIPING DOWN
---		PIPING UP
---	RD.	ROOF DRAIN
---	SS	SERVICE SINK
---	SHR	SHOWER
---	UR	URINAL
---	VT.	VITRIFIED TILE PIPE
---	W.C.	WATER CLOSET
---	W.P.	WOOD POLE



Department of
Public Works
Bureau of
Bridges and
Public
Buildings

SANITATION FIELD HEADQUARTERS
7222 WEST FOND DU LAC AVENUE
SITE PLAN & DETAILS

REVISIONS

DESIGNED BY
D.C.N.

DRAWN BY
D.C.N.

CHECKED BY
RW

DATE
10-27-83

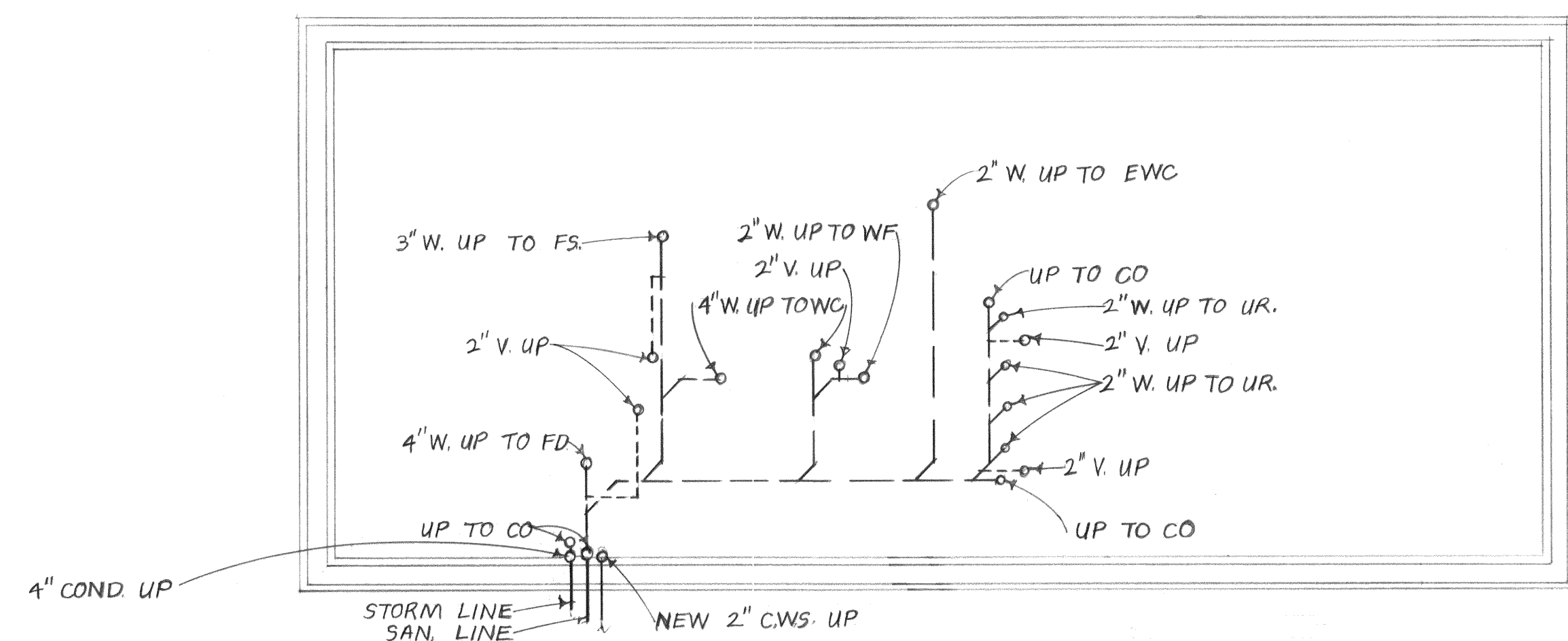
SCALE
AS NOTED

JOB NUMBER
421-04

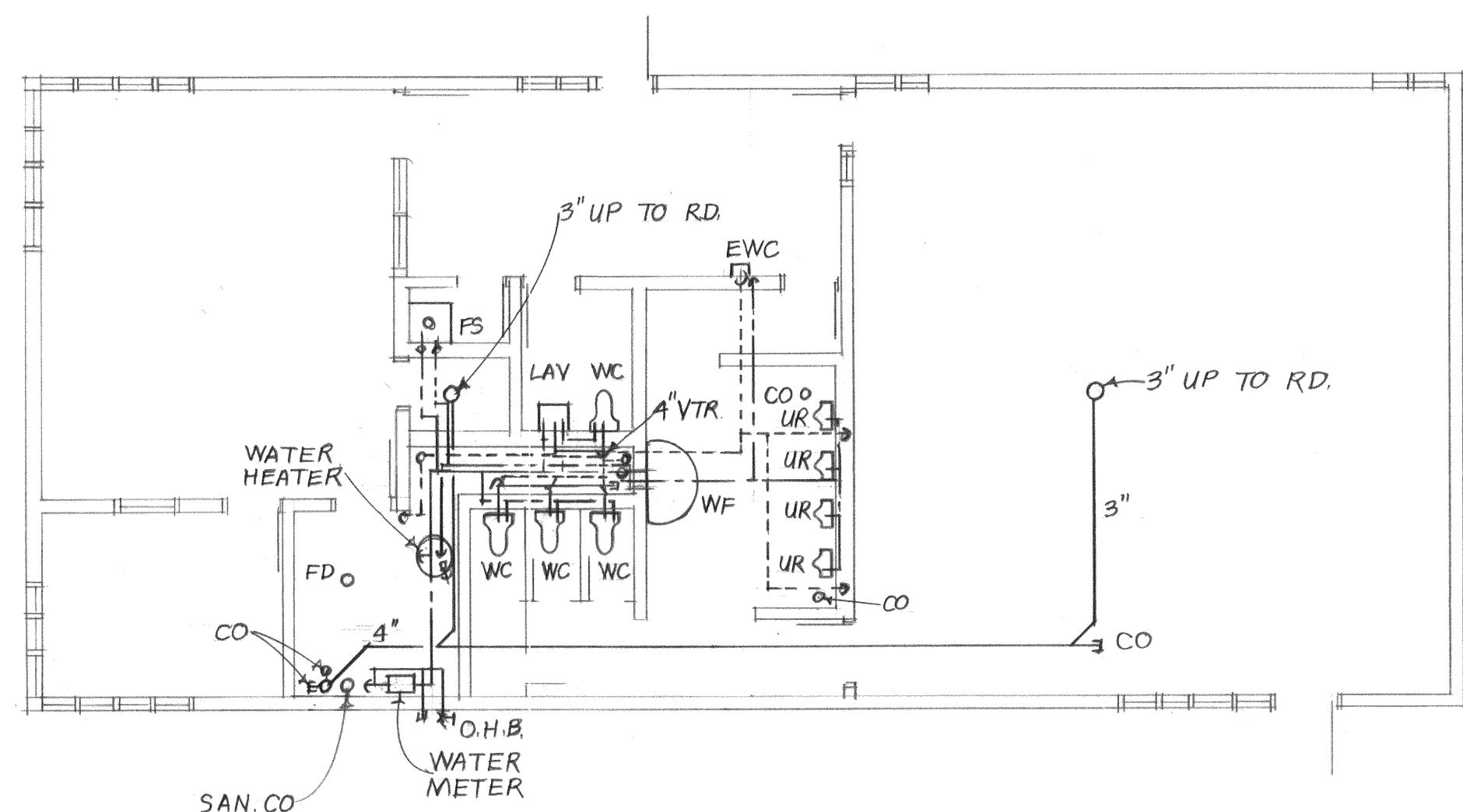
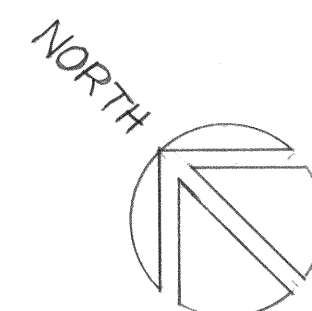
SHEET NUMBER
P-1

OF
2

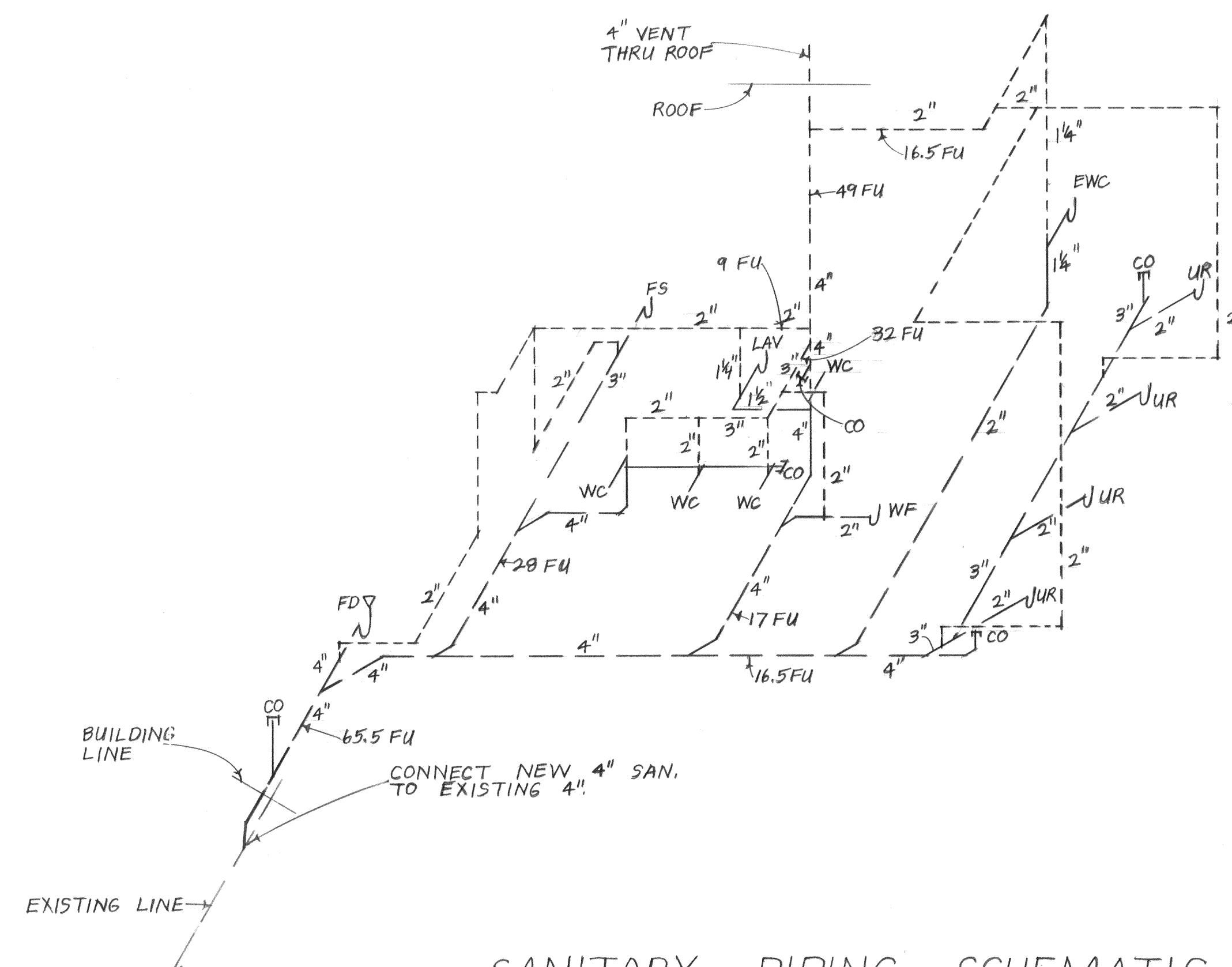




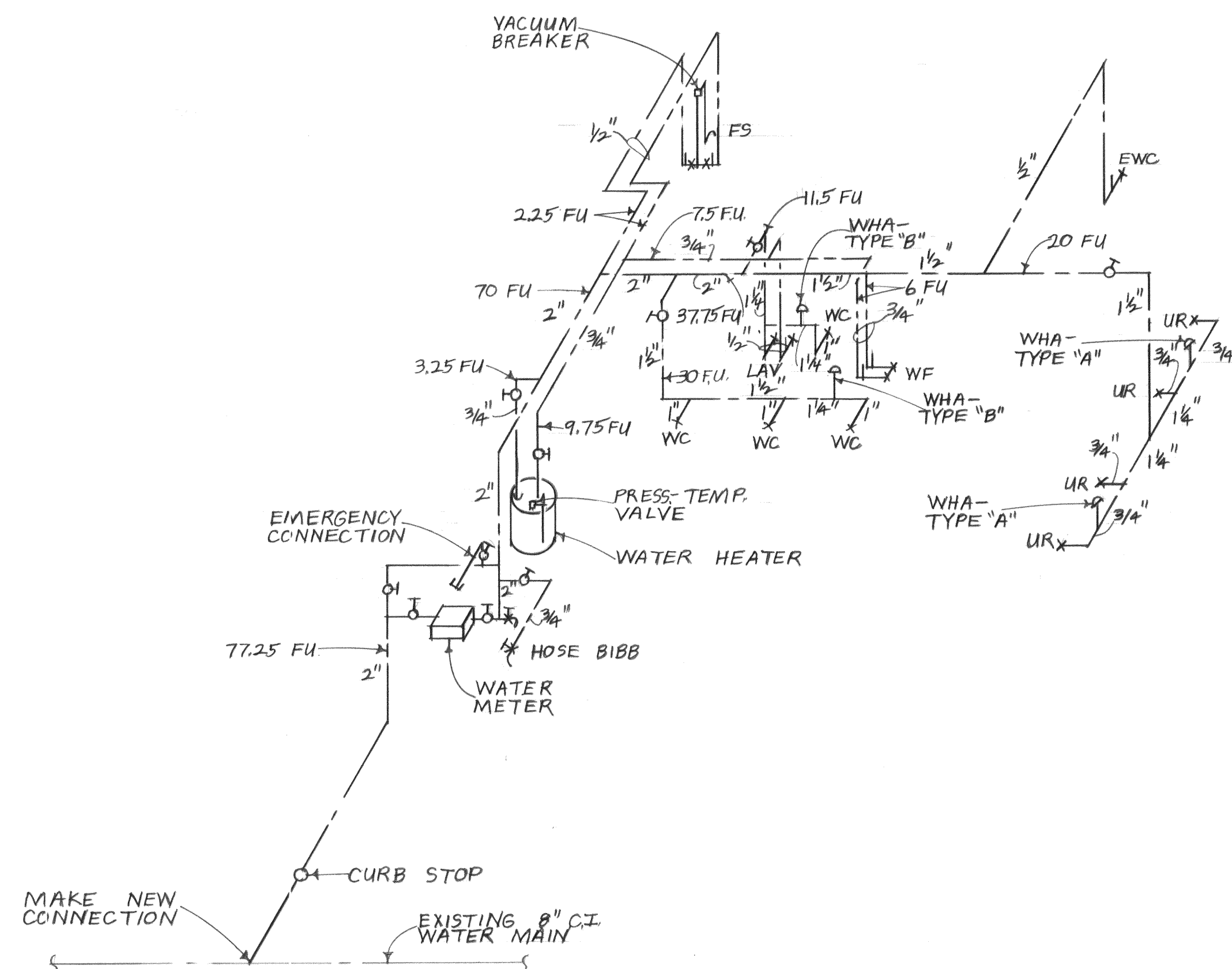
FOUNDATION PLAN
SCALE: 1/8"=1'-0"



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



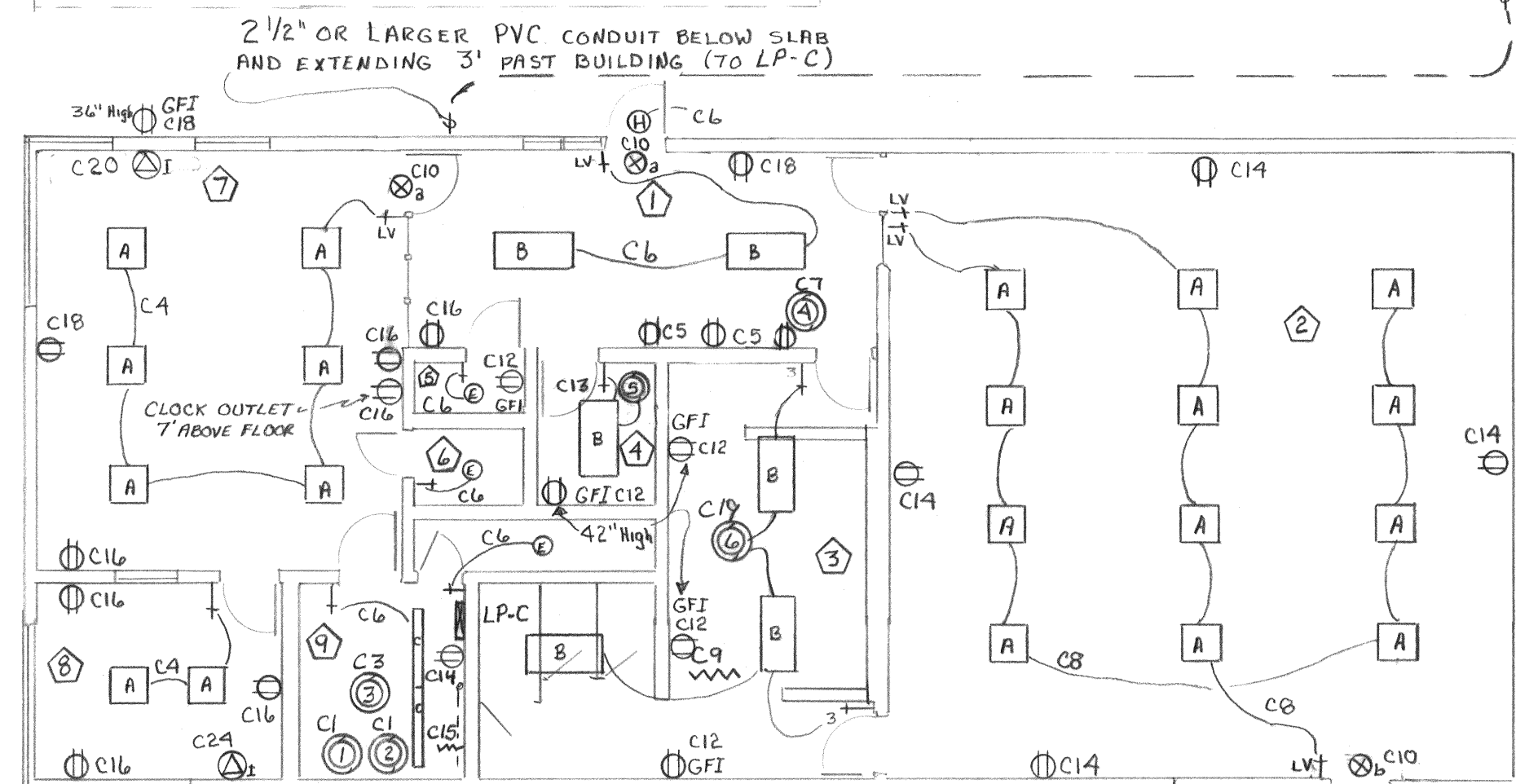
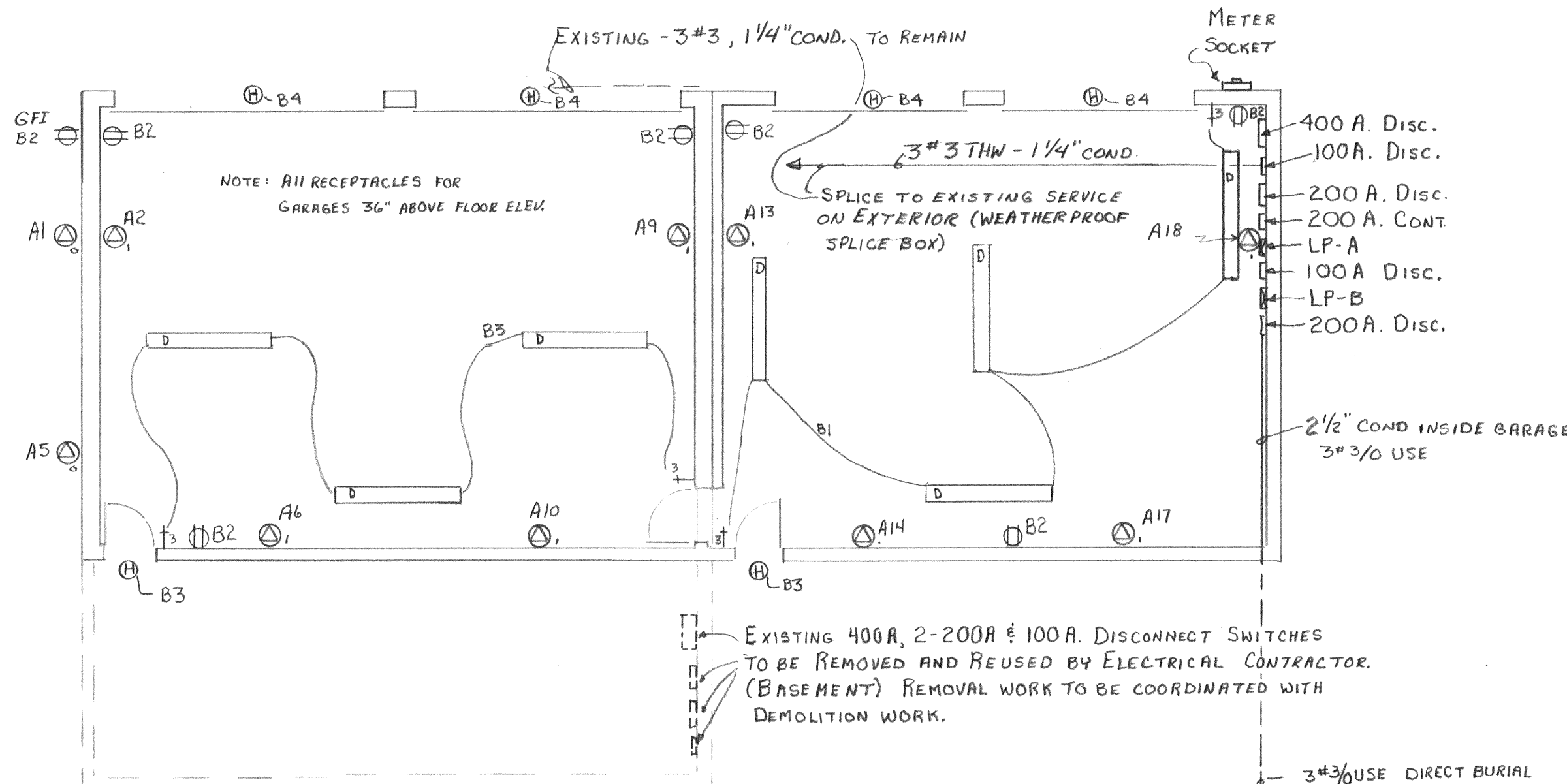
SANITARY PIPING SCHEMATIC
NO SCALE



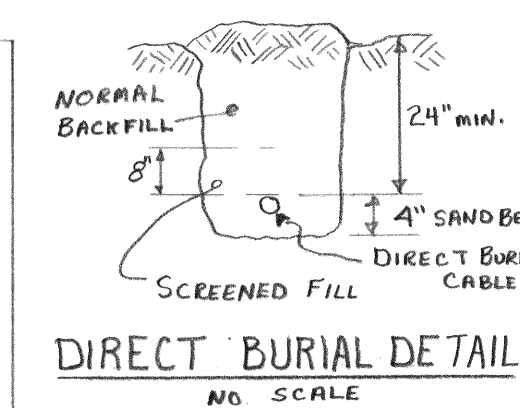
WATER PIPING SCHEMATIC
NO SCALE

LOCATION OF TEMPORARY POWER POLE
ELECTRICAL CONTRACTOR TO REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, LIGHTS, WIRE, CONDUIT, ETC. INSIDE AND OUTSIDE OF EXISTING GARAGE UNLESS SPECIFIED TO BE REUSED.

W. E. POLE

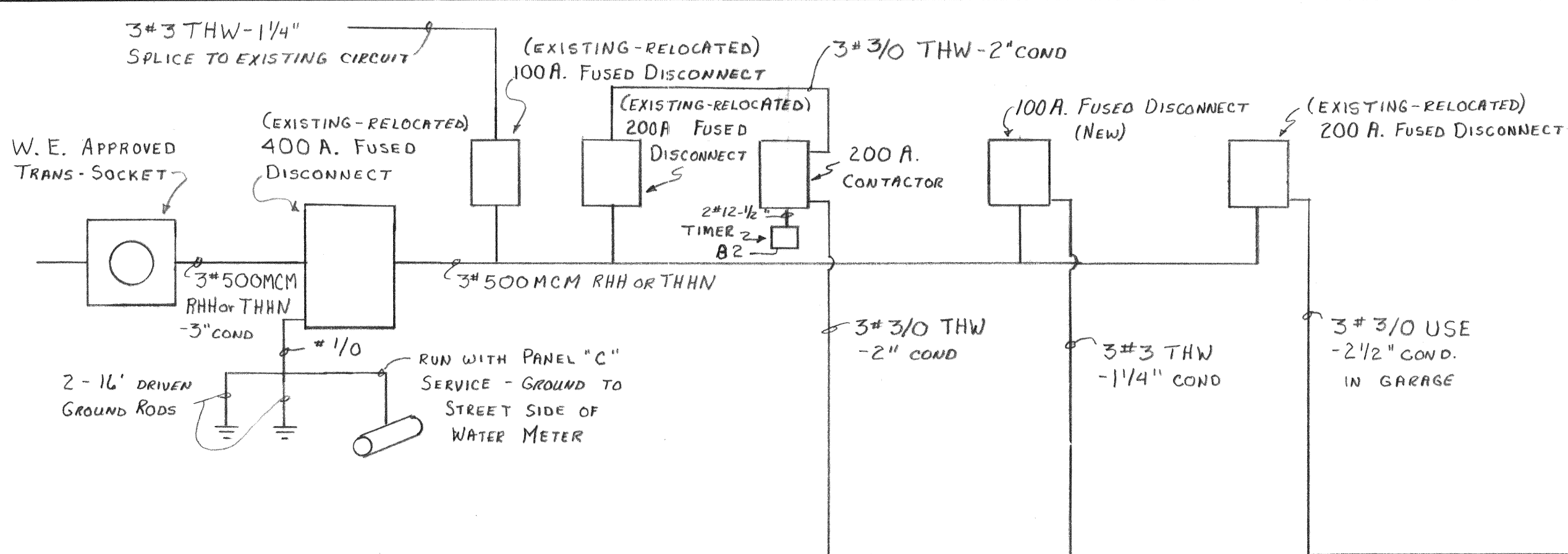


OFFICE
POWER AND LIGHTING PLAN
SCALE 1/8" = 1'-0"



MOTOR SCHEDULE						
MOTOR No.	LOCATION	SERVICE	RATING	VOLTAGE	SUPPLIED BY	REMARKS
1	Rm. 9	COMBUSTION AIR DAMPER	100W	115V	HV CONT	INTERLOCKED W/ BURNER & FURNACE DAMPER
2	"	OUTSIDE AIR DAMPER	100W	"	"	" W/Motor 3
3	"	FURNACE	1/2HP	"	"	INTERLOCKED W/Motor 2
4	Rm. 1	WATER COOLER	5.6FLA	"	PLUMB. CONT.	PLUG CONNECTED
5	Rm. 4	P.R.V.	1/60HP	"	HV CONT.	WIRED WITH LIGHTS
6	Rm. 3	P.R.V.	1/20HP	"	"	" " "

FIXTURE SCHEDULE			
TYPE	DETAIL	DESCRIPTION	MANUFACTURER
A		FLUORESCENT FIXTURE 2'x2' LAY-IN	KEYSTONE CATALOG NO. UJ 240-EXA
B		FLUORESCENT FIXTURE 2'x4' LAY-IN	KEYSTONE CATALOG NO. 2J-240-EXA
C		FLUORESCENT FIXTURE 4'x4' SUSPENDED	KEYSTONE CATALOG NO. CR-240
D		FLUORESCENT FIXTURE 1'x8' SUSPENDED - LOW TEMP. BALLAST	KEYSTONE CATALOG NO. CR-246-HO-B-A
E		INCANDESCENT - 5" DIAM. PORCELAIN	BRYANT CATALOG No. 5288
F		EXIT LIGHT - SPECIAL HANGER FROM SUSP. CEILING	DUAL-LITE TYPE ESQUISITE
G		MERCURY VAPOR, OUTDOOR, 13 1/4" SQUARE, EXTENDED WALL	McPhibben CATALOG No. 22C2144JB-B-VF-FCB - WITH SEPARATE PHOTO CELL OPERATION



PANEL A			
1	20A	2P	2
2	20A	2P	3
3	20A	2P	4
4	20A	2P	5
5	20A	2P	6
6	20A	2P	7
7	20A	2P	8
8	20A	2P	9
9	20A	2P	10
10	20A	2P	11
11	20A	2P	12
12	20A	2P	13
13	20A	2P	14
14	20A	2P	15
15	20A	2P	16
16	20A	2P	17
17	20A	2P	18
18	20A	2P	19
19	20A	2P	20
20	20A	2P	21
21	20A	2P	22
22	20A	2P	23
23	20A	2P	24
24	20A	2P	25
25	20A	2P	26
26	20A	2P	27
27	20A	2P	28
28	20A	2P	29
29	20A	2P	30
30	20A	2P	31
31	20A	2P	32
32	20A	2P	33
33	20A	2P	34
34	20A	2P	35
35	20A	2P	36
36	20A	2P	37
37	20A	2P	38
38	20A	2P	39
39	20A	2P	40
40	20A	2P	41
41	20A	2P	42
42	20A	2P	43
43	20A	2P	44
44	20A	2P	45
45	20A	2P	46
46	20A	2P	47
47	20A	2P	48
48	20A	2P	49
49	20A	2P	50
50	20A	2P	51
51	20A	2P	52
52	20A	2P	53
53	20A	2P	54
54	20A	2P	55
55	20A	2P	56
56	20A	2P	57
57	20A	2P	58
58	20A	2P	59
59	20A	2P	60
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61	20A	2P	62
62	20A	2P	63
63	20A	2P	64
64	20A	2P	65
65	20A	2P	66
66	20A	2P	67
67	20A	2P	68
68	20A	2P	69
69	20A	2P	70
70	20A	2P	71
71	20A	2P	72
72	20A	2P	73
73	20A	2P	74
74	20A	2P	75
75	20A	2P	76
76	20A	2P	77
77	20A	2P	78
78	20A	2P	79
79	20A	2P	80
80	20A	2P	81
81	20A	2P	82
82	20A	2P	83
83	20A	2P	84
84	20A	2P	85
85	20A	2P	86
86	20A	2P	87
87	20A	2P	88
88	20A	2P	89
89	20A	2P	90
90	20A	2P	91
91	20A	2P	92
92	20A	2P	93
93	20A	2P	94
94	20A	2P	95
95	20A	2P	96
96	20A	2P	97
97	20A	2P	98
98	20A	2P	99
99	20A	2P	100

PANEL B			
1	15A	2P	1
2	15A	2P	2
3	15A	2P	3
4	15A	2P	4
5	15A	2P	5
6	15A	2P	6
7	15A	2P	7
8	15A	2P	8
9	15A	2P	9
10	15A	2P	10
11	15A	2P	11
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14	15A	2P	14
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18	15A	2P	18
19	15A	2P	19
20	15A	2P	20
21	15A	2P	21
22	15A	2P	22
23	15A	2P	23
24	15A	2P	24
25	15A	2P	25
26	15A	2P	26
27	15A	2P	27
28	15A	2P	28
29	15A	2P	29
30	15A	2P	30
31	15A	2P	31
32	15A	2P	32
33	15A	2P	33
34	15A	2P	34
35	15A	2P	35
36	15A	2P	36
37	15A	2P	37
38	15A	2P	38
39	15A	2P	39
40	15A	2P	40
41	15A	2P	41
42	15A	2P	42
43	15A	2P	43
44	15A	2P	44
45	15A	2P	45
46	15A	2P	46
47	15A	2P	47
48	15A	2P	48
49	15A	2P	49
50	15A	2P	50
51	15A	2P	51
52	15A	2P	52
53	15A	2P	53
54	15A	2P	54
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58	15A	2P	58
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62	15A	2P	62
63	15A	2P	63
64	15A	2P	64
65	15A	2P	65
66	15A	2P	66
67	15A	2P	67
68	15A	2P	68
69	15A	2P	69
70	15A	2P	70
71	15A	2P	71
72	15A	2P	72
73	15A	2P	73
74	15A	2P	74
75	15A	2P	75
76	15A	2P	76
77	15A	2P	77
78	15A	2P	78
79	15A	2P	79
80	15A	2P	80
81	15A	2P	81
82	15A	2P	82
83	15A	2P	83
84	15A	2P	84
85	15A	2P	85
86	15A	2P	86
87	15A	2P	87
88	15A	2P	88
89	15A	2P	89
90	15A	2P	90
91	15A	2P	91
92	15A	2P	92
93	15A	2P	93
94	15A	2P	94
95	15A	2P	95
96	15A	2P	96
97	15A	2P	97
98	15A	2P	98
99	15A	2P	99
100	15A	2P	100

MOTOR OPERATED DAMPER
2 1/2" TW #12G - 1/2" COND.
MOTOR OPERATED DAMPER
2 1/2" TW #12G - 1/2" COND.
FURNACE BLOWER 1/2 HP
2 1/2" TW #12G - 1/2" COND.
WATER COOLER 5.6FLA
2 1/2" TW #12G - 1/2" COND.
ELECTRIC HEATER 3KW
3 1/2" TW #12G - 1/2" COND.
PRV 1/60 HP, 2 1/2" TW #12G - 1/2" COND.
WATER HEATER 4.5KW
3 1/2" TW #12G - 1/2" COND.
PRV 1/60 HP
2 1/2" TW #12G - 1/2" COND.

PANEL C			
1	15A	2P	1
2	15A	2P	2
3	15A	2P	3
4	15A	2P	4
5	15A	2P	5
6	15A	2P	6
7	15A	2P	7
8	15A	2P	8
9	15A	2P	9
10	15A	2P	10
11	15A	2P	11
12	15A	2P	12
13	15A	2P	13
14	15A	2P	14
15	15A	2P	15
16	15A	2P	16
17	15A	2P	17
18	15A	2P	18
19	15A	2P	19
20	15A	2P	20
21	15A	2P	21
22	15A	2P	22
23	15A	2P	23
24	15A	2P	24
25	15A	2P	25
26	15A	2P	26
27	15A	2P	27
28	15A	2P	28
29	15A	2P	29
30	15A	2P	30
31	15A	2P	31
32	15A	2P	32
33	15A	2P	33
34	15A	2P	34
35	15A	2P	35
36	15A	2P	36
37	15A	2P	37
38	15A	2P	38
39	15A	2P	39
40	15A	2P	40
41	15A	2P	41
42	15A	2P	42
43	15A	2P	43
44	15A	2P	44
45	15A	2P	45
46	15A	2P	46
47	15A	2P	47
48	15A	2P	48
49	15A	2P	49
50	15A	2P	50
51	15A	2P	51
52	15A	2P	52
53	15A	2P	53
54	15A	2P	54
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56	15A	2P	56
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58	15A	2P	58
59	15A	2P	59
60	15A	2P	60
61	15A	2P	61
62	15A	2P	62
63	15A	2P	63
64	15A	2P	64
65	15A	2P	65
66	15A	2P	66
67	15A	2P	67
68	15A	2P	68
69	15A	2P	69
70	15A	2P	70