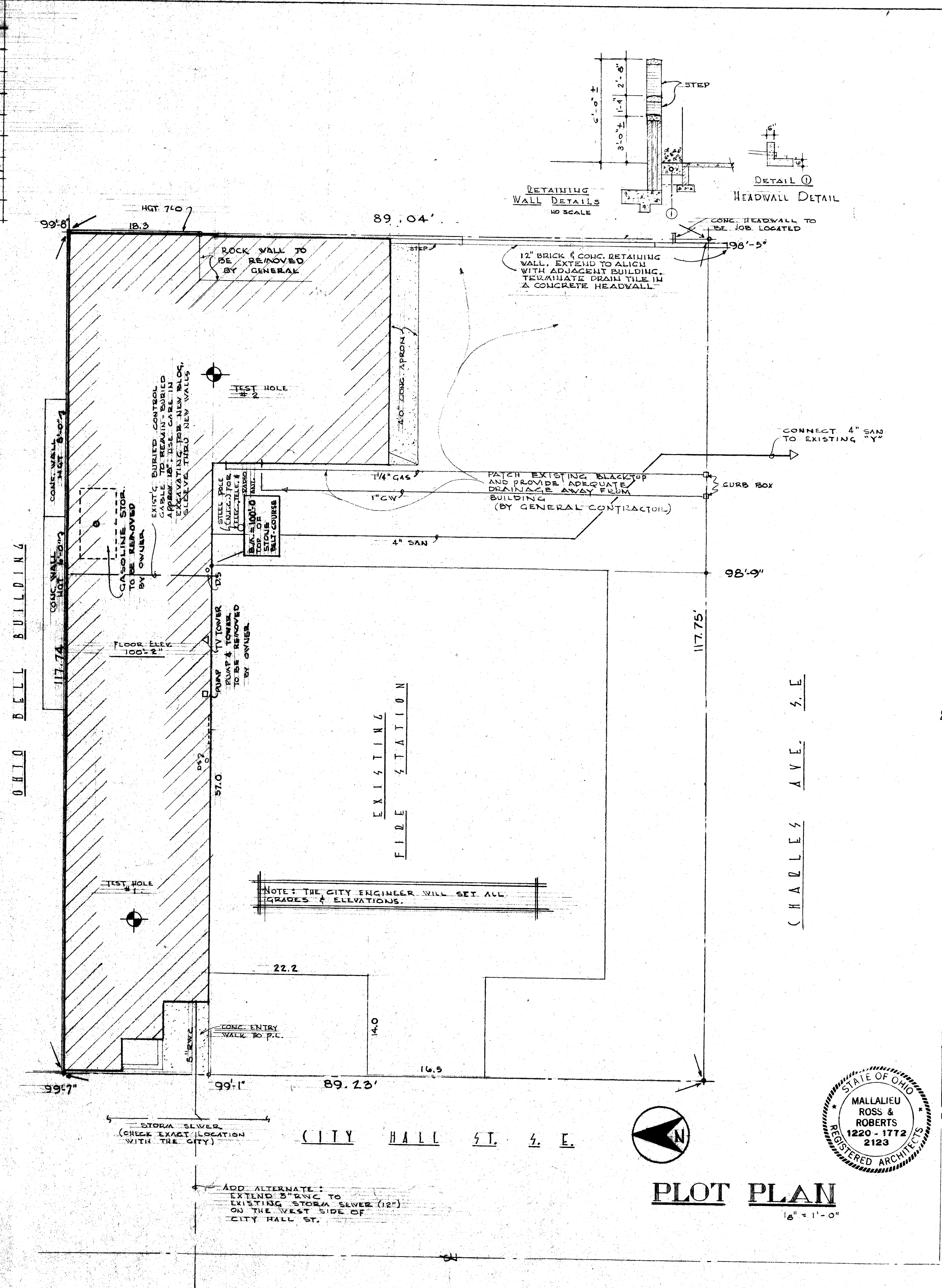
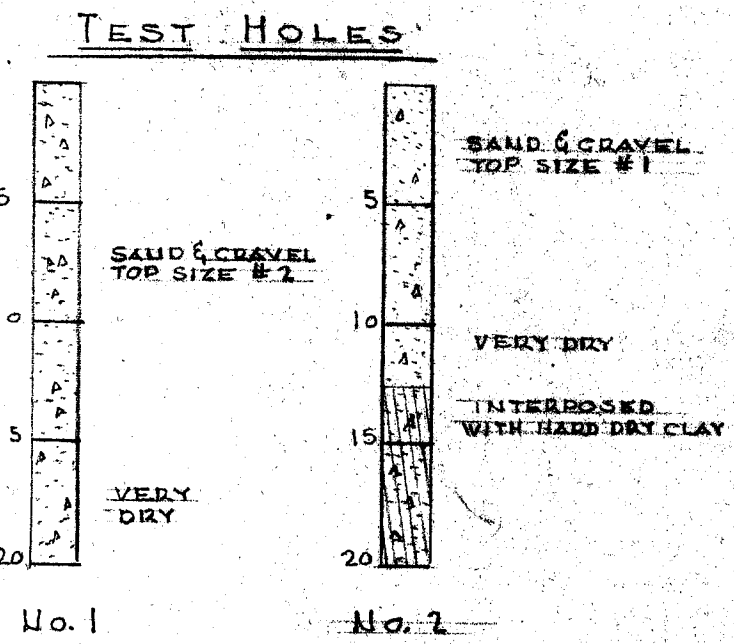
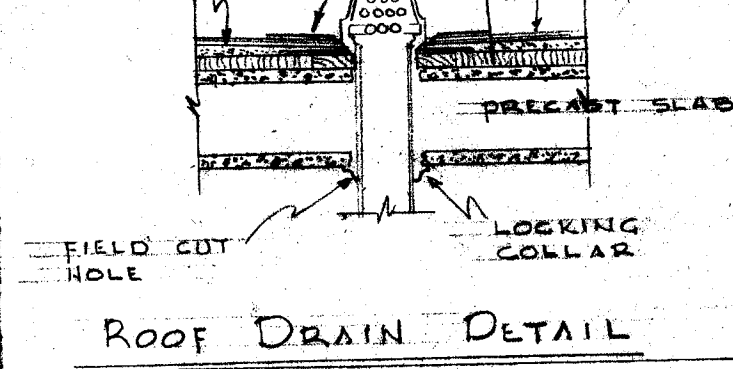
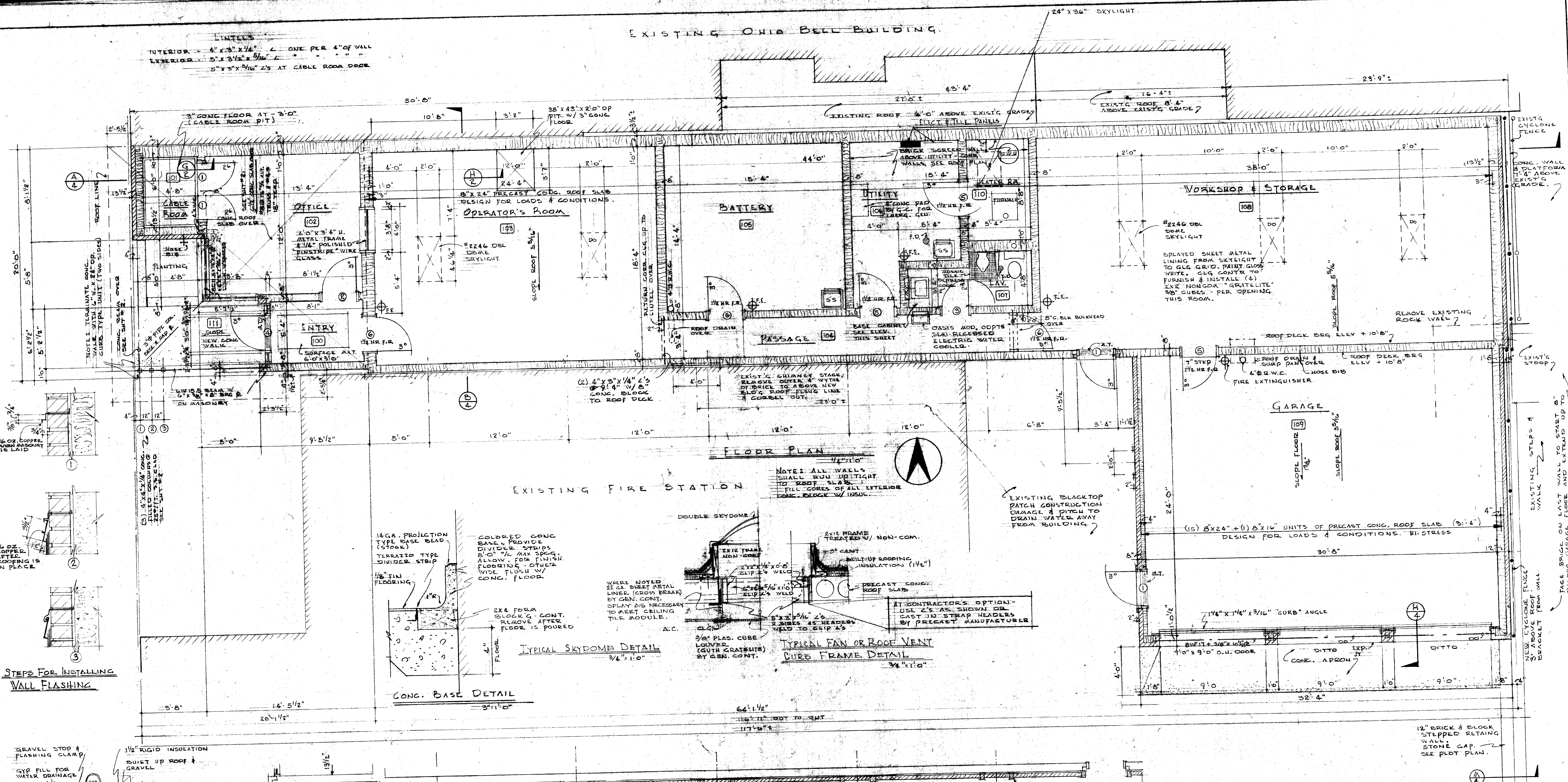


A FIRE - POLICE
SIGNAL BUILDING
FOR
THE CITY OF MASSILLON
170 CHARLES AVENUE S.E.
MASSILLON, OHIO
MALLALIEU, ROSS & ROBERTS - AIA

INDEX TO DRAWINGS	
SHT NO.	DESCRIPTION
1	TITLE SHEET • PLOT PLAN • KEY TO MATERIALS
2	FOUNDATION PLAN • PLUMBING PLAN • ROOF PLAN • CONCRETE ROOF SLAB DETAILS
3	FLOOR PLAN • ROOM FINISH SCHEDULE • DOOR SCHEDULE
4	ELEVATIONS • SECTIONS • DETAILS
A-1	HEATING PLAN, SCHED. & PLUMB. STACK
E-1	ELECTRIC PLAN & SCHEDULES
E-2	ADD ALTERNATE ELECTRIC PLAN

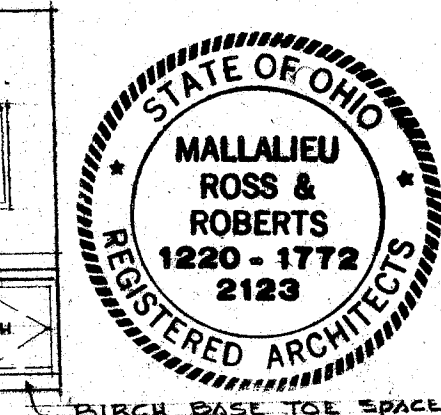
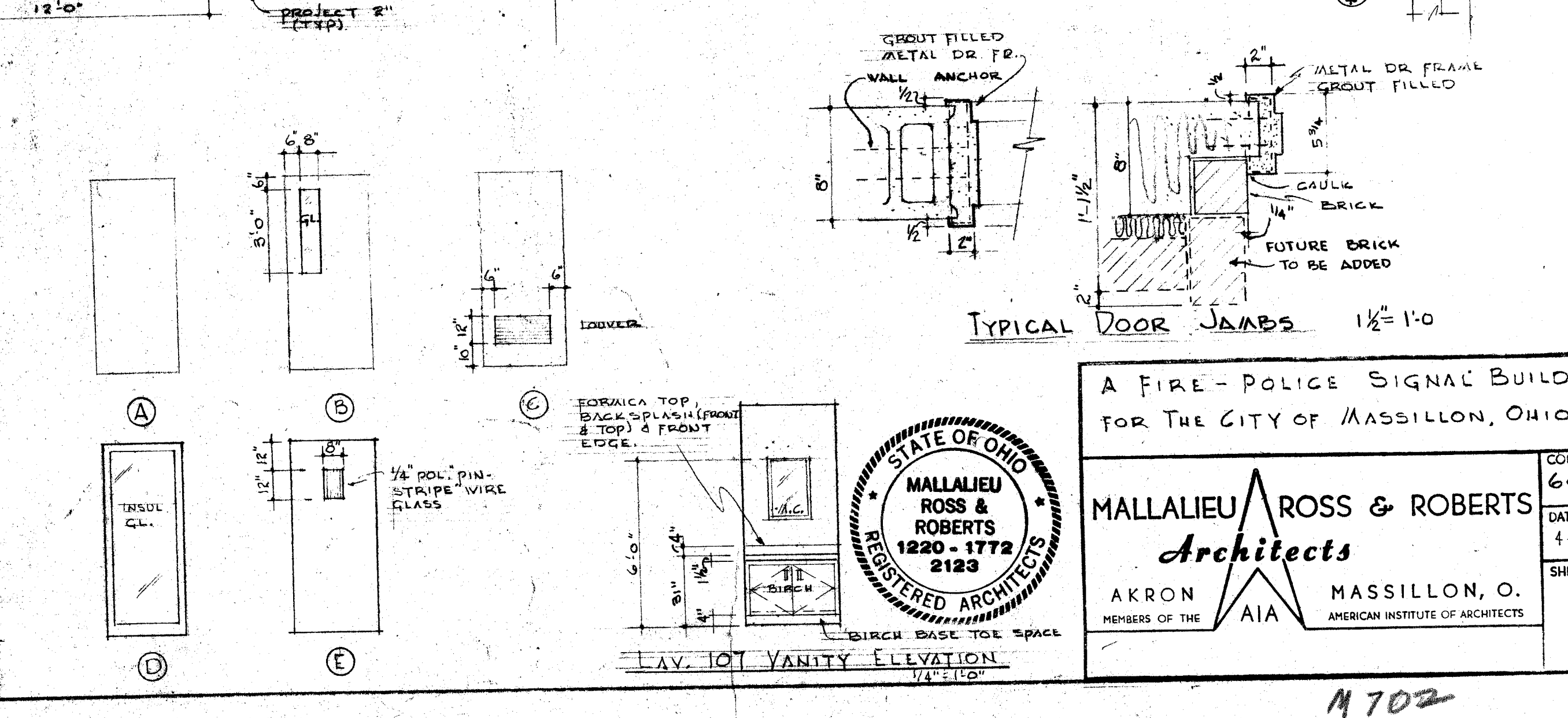
	BRICK		STONE
	CONCRETE BLOCK		CONCRETE
	STEEL		WOOD (FINISH)
	WOOD (ROUGH)		GRAVEL
	ACOUSTIC TILE		EARTH
	BLANKET OR BATT INSULATION		RIGID INSULATION





ROOM FINISH SCHEDULE									
Room No.	Title	Floor	Base	Wainscot	Stool	Wall	Ceiling	Remarks	
100	ENTRY	VINYL	COLOR	5'4"		CONC. BLK	8'0"	6'0" x 3'0" SURFACE MAT.	
101	CABLE ROOM	STEEL P	NONE			CONC. BLK	8'0"	3" CONC. SLAB UNDER STEEL PLATE FLOOR	
102	OFFICE	V.A.	COLOR	5'4"		CONC. BLK	8'0"	CEILING BY ELECTRICAL CONTRACTOR	
103	OPERATOR'S ROOM	V.A.	COLOR	5'4"		CONC. BLK	8'0"		
104	PASSAGE	V.A.	COLOR	5'4"		CONC. BLK	8'0"		
105	BATTERY ROOM	CONC.	NONE			CONC. BLK	8'0"		
106	UTILITY	CONC.	NONE			CONC. BLK	8'0"		
107	LAVATORY	VINYL	COLOR	5'4"		CONC. BLK	8'0"		
108	WORKSHOP & STOR.	V.A.	COLOR	5'4"		CONC. BLK	8'0"		
109	GARAGE	CONC.	NONE			CONC. BLK	8'0"		
110	HEATER ROOM	CONC.	NONE			CONC. BLK	8'0"		
111	COVERED ENTRY	CONC.	NONE			F. BRICK	8'0"		

DOOR SCHEDULE									
Mark	Type	Size	Mat'l	Const.	Frame	Glass	Remarks		
1	A	7'0" x 1'3/4"	METAL	FLUSH	METAL	4" FP	6" HEAD FRAME		
2	B	7'0" x 1'3/4"	METAL	FLUSH	METAL	4" FP	DO		
3	C	7'0" x 1'3/4"	METAL	FLUSH	METAL	4" FP	DO		
4	D	7'0" x 1'3/4"	METAL	FLUSH	METAL	4" FP	DO		
5	A	7'0" x 1'3/4"	METAL	FLUSH	METAL	4" FP	DO		
6	E	7'0" x 1'3/4"	METAL	FLUSH	METAL	4" FP	DO		



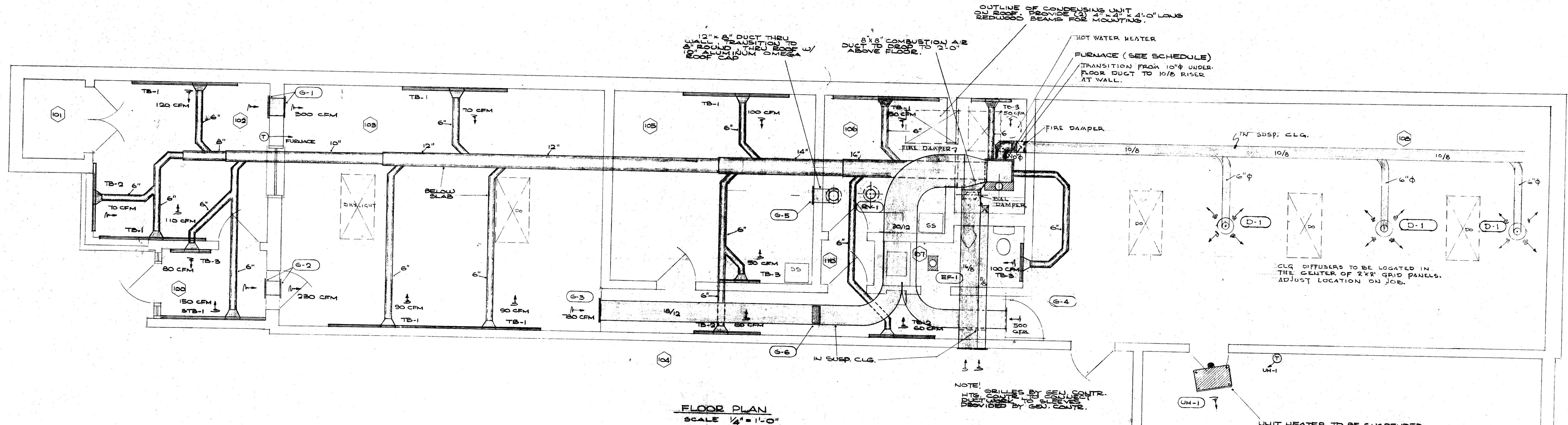
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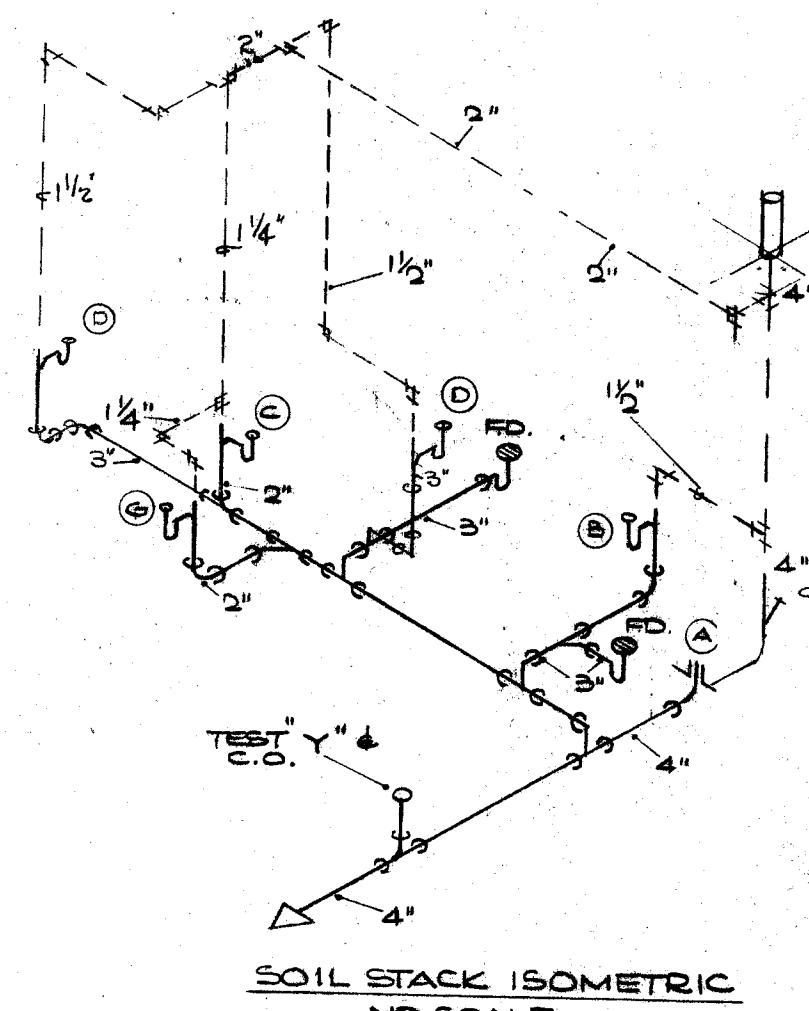
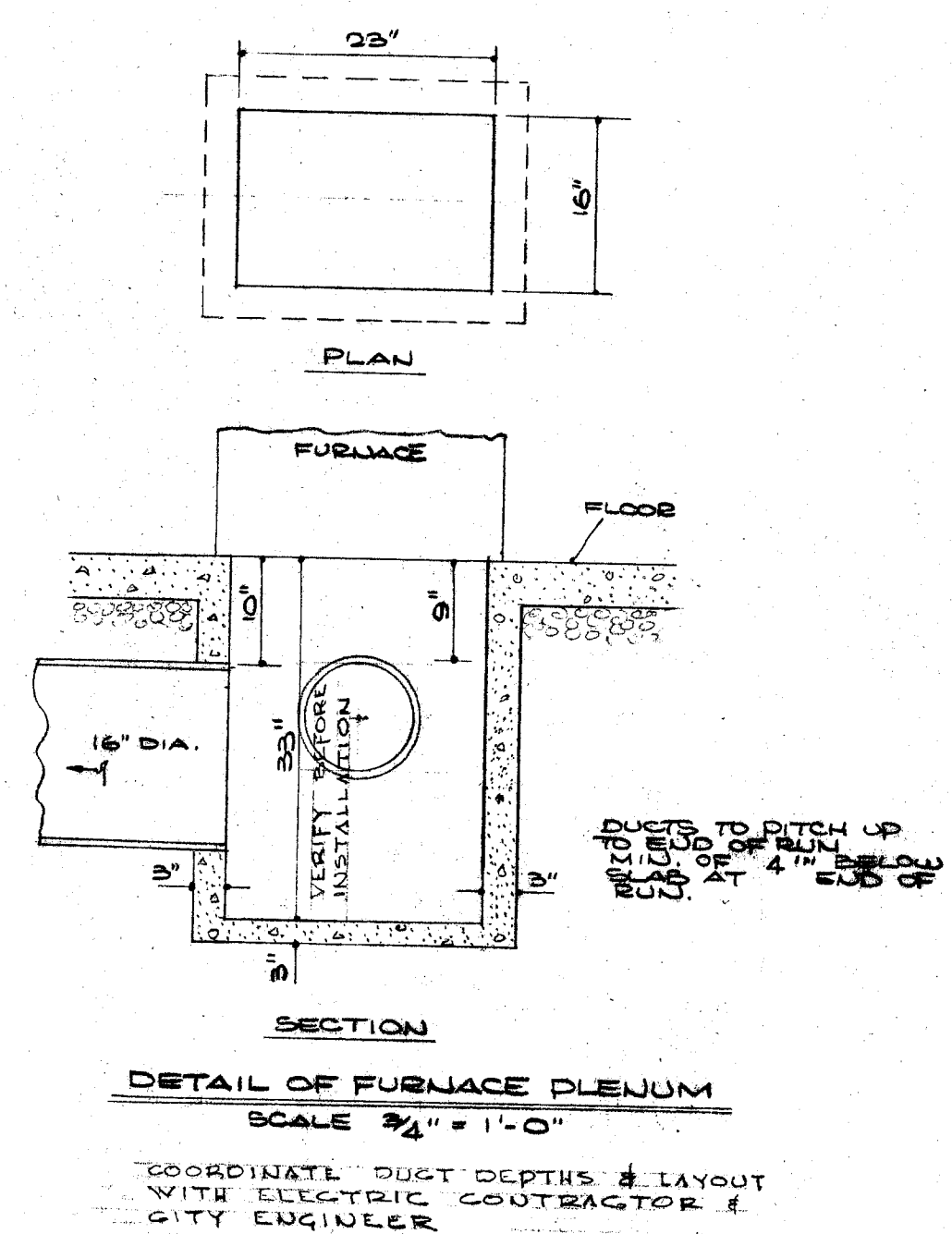
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1702

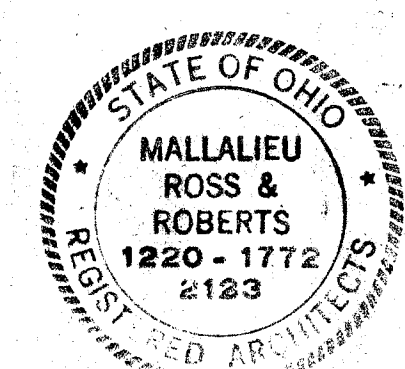


HEATING & AIR CONDITIONING EQUIPMENT SCHEDULE	
1- WARM AIR FURNACE UNIT TO BE TRANE MODEL F&C-167 UNIT - DOWNFLOW - COMPLETE WITH MODEL EC-50 COOLING COIL UNIT. UNIT TO HAVE 3/4 HR. 208 VOLT, 3 PH. MOTOR. - 167,000 BTUH INPUT	
2- CONDENSING UNIT TO BE TRANE MODEL RAS-63 OUTDOOR UNIT - 5 TON CAPACITY. 5 HP, 208 VOLT, 3 PH.	
3- UH-1 TO BE REZOR *KA-75 GAS FIRED UNIT HEATER WITH 60,000 BTUH OUTPUT - 1/40 HP MOTOR	
4- TB-1 TO BE 8'-0" STANDARD THERMOBASE BASEBOARD DIFFUSER WITH DAMPER TB-2 TO BE 5'-0" STANDARD THERMOBASE BASEBOARD DIFFUSER WITH DAMPER TB-3 TO BE 3'-0" STANDARD THERMOBASE BASEBOARD DIFFUSER WITH DAMPER STB-1 TO BE 8'-0" SUPER THERMOBASE BASEBOARD DIFFUSER WITH DAMPER	
5- G-1 - THERMOBASE TYPE SW RETURN AIR GRILLE - 16" x 12" G-2 - THERMOBASE TYPE SW RETURN AIR GRILLE - 12" x 12" G-3 - THERMOBASE TYPE SW RETURN AIR GRILLE - 30" x 12" G-4 - THERMOBASE TYPE SW RETURN AIR GRILLE - 24" x 12" G-5 - BARBER-COLMAN *GEVY 16" x 6" RETURN AIR GRILLE - WHITE FINISH - W/ VOLUME CONTROL G-6 - BARBER-COLMAN *TBA ALUMINUM RETURN AIR GRILLE - 12" x 8"	
6- RV-1 TO BE PENN 10" OMEGA GRAVITY ROOF VENTILATOR	
7- EF-1 TO BE PENN *ZEPHER MODEL 2-60 EXHAUST FAN (TOP DISCHARGE) WITH MANUAL SWITCH. TRANSITION FROM OUTLET TO 8" ROUND THRU ROOF. PROVIDE PENN *S FR ROOF CAP.	
8- PROVIDE 8" METALBESTOS TYPE RV VENT PIPE FROM FURNACE THRU ROOF WITH BELMOUT CAP. - 2'-0" ABOVE ROOF. PROVIDE 4" TEE & EXTEND 4" TYPE RV VENT FROM WATER HEATER.	
9- D-1 BARBER-COLEMAN VJSV #612 6" CLG. DIFFUSER.	



PLUMBING FIXTURE SCHEDULE	
SYM.	DESCRIPTION
A	TANK TYPE WATER CLOSET
B	WALL HUNG FLUSH VALVE URINAL
C	COUNTER TYPE LAVATORY
D	SERVICE SINK
E	HOSE BIB
F	NON-FREEZE WALL HYDRANT
G	SEMI-RECESSED ELECTRIC WATER COOLER

SEE ARCHITECTURAL DETAILS FOR EXACT LOCATIONS AND DIMENSIONS OF ALL FIXTURES, OPENINGS, AND CUTS.

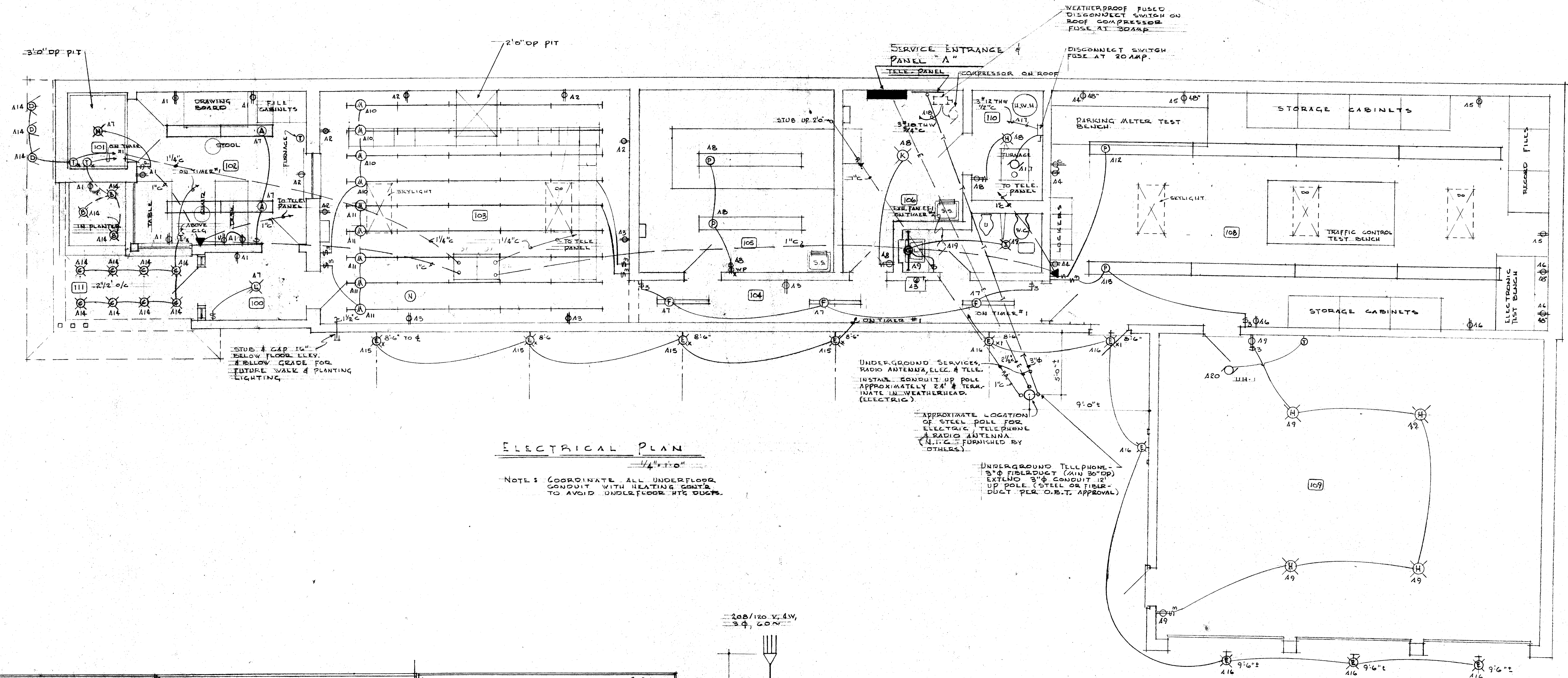


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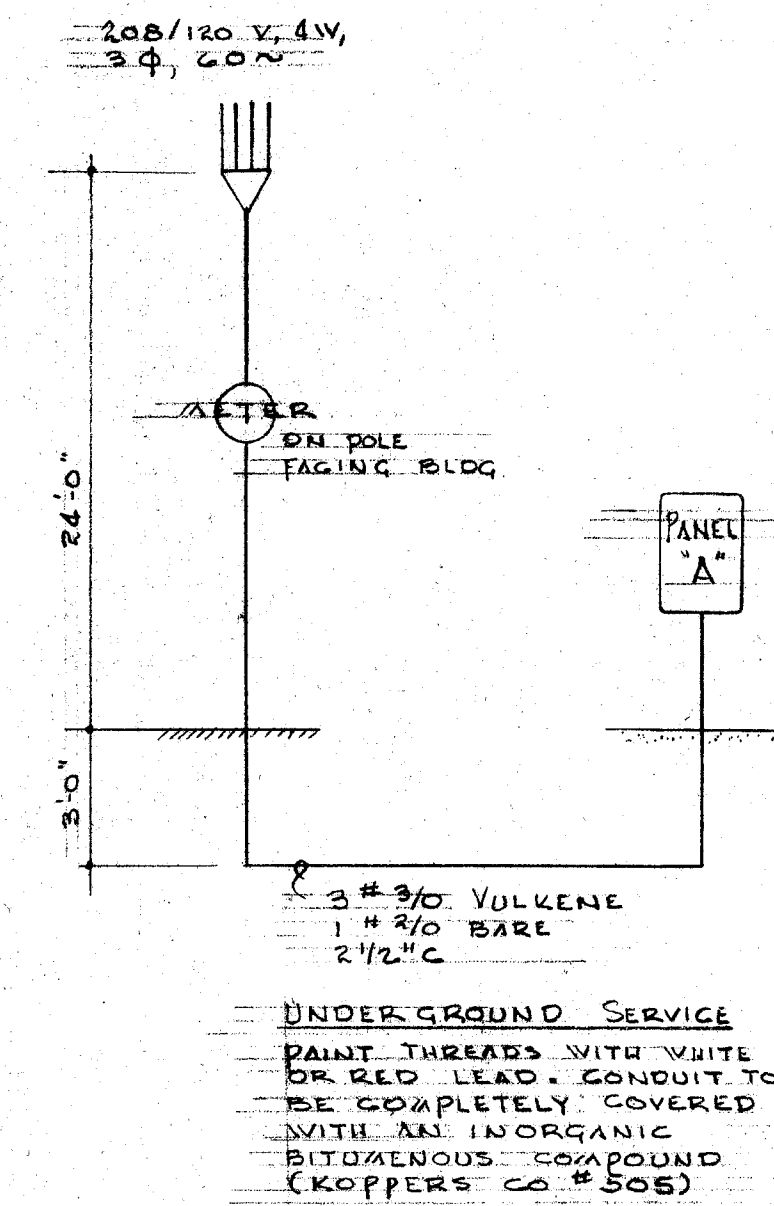
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ELECTRICAL PLAN

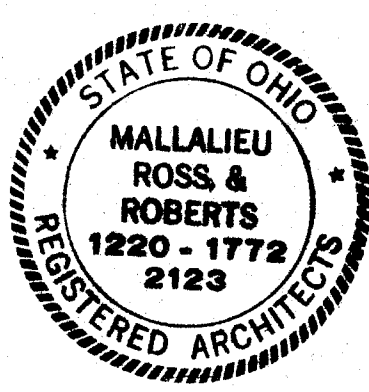
NOTE: COORDINATE ALL UNDERFLOOR CONDUIT WITH HEATING GRIDS TO AVOID UNDERFLOOR HTG. DUCTS.

LEGEND		FIXTURE SCHEDULE		PANEL "A"		SURFACE SLAB 208/120V, 4W, 3Φ, 200 AMP MIN. BRKR.	
SYMBOL	DESCRIPTION	MARK	AFG'R	DESCRIPTION	ATO LAMP	CCT LOAD	BKR
⊕	SIERRA 5021 G 20A SINGLE POLE QUIET SW.	A	DAYBRITE	A47872-B MARKSMAN II	S 4F40T12RS	1 1050 R	20A, 1P
⊕	" 5023 G " THREE WAY " "	B	HADCO	1000/1244 LOW VOLTAGE STAKE TYP	C 4W 89K	2 900 R	"
⊕	" 1862 G " DUPLEX GROUNDED RECP	C	HADCO	3260 G LOW VOLTAGE	C 4W 89K	3 750 R	"
⊕	COMBINATION SWITCH & DUPLEX RECEPT	D	HADCO	1272 G LOW VOLTAGE	SR 18WATT 1383 FL. REF.	4 450 R	"
⊕	TELEPHONE OUTLET	E	PRESCOLITE	1173-911 ALUM. FOR	V 217SR30	5 450 R	"
⊕	INCANDESCENT LIGHT FIXTURE	EX	PRESCOLITE	5170-7-10000 FOR	W 217SR30	6 600 R	"
⊕	FLUORESCENT LIGHT FIXTURE	EX	PRESCOLITE	5170-7-10000 FOR	W 217SR30	7 750 L	"
⊕	AH 7981 SINGLE POLE WEATHERPROOF SWITCH	F	GUTH	AG26670/BF	S 4F40T12RS	8 1200 L	"
⊕	HADCO T160VA GLASS II TRANSFORMER	G	ALKEB	235 HC ATC 110T 70"	V F30T12RS	9 900 L	"
⊕	THERMOSTAT	H	"	PORCELAIN LAMPHOLDER	S 100W	10 1000 L	"
⊕	SIERRA 5021 R 20A PILOT LIGHT TOGGLE	I	PRESCOLITE	7810	S (2) 60W	11 1250 L	"
⊕	P#5 6200-46 W/ LOCKING COVER & KEY	K	MILLER	AG-1040 VAPOR-TIGHT	S 100V	12 800 L	"
⊕	SIERRA 1800 WP. W/ PROOF GRND DUPLEX	L	PRESCOLITE	3820 BRONZOTIC	S 100V	13 800 L	"
⊕	SIERRA 2125/26 ST. STEEL CLOCK RECEPT	A	GUTH	A-6504 GAUNT STRIPS- 2000" X 1/2" W/ ALL SAME BASE BIO. LUMINOUS CLG 2X2 MODULAR INTER- CONNECTED BY CON- CEALED PLASTIC CLIPS	P F48T12RS	14 200 L	"
		M	INFINILITE			15 600 L	"
						16 900 L	"
						17 1050A	20A, 3P
		N	GUTH	ALTERNATE BIO. LUMINOUS CLG 2X2 MODULAR EXPOSED T-PARS. NO GRATE- LITE 3/8" CUBES		18 5500A	30A, 3P
						19 300A	20A, 1P
		P	DAYBRITE	R-91252-B	P 299712 SLUWINE	20 300A	20A, 1P
						21	SPACE 1P
						22	"
						23	"
						24	"
						25	"
						26	"
						27	"
						28	"



RISER DIAGRAM

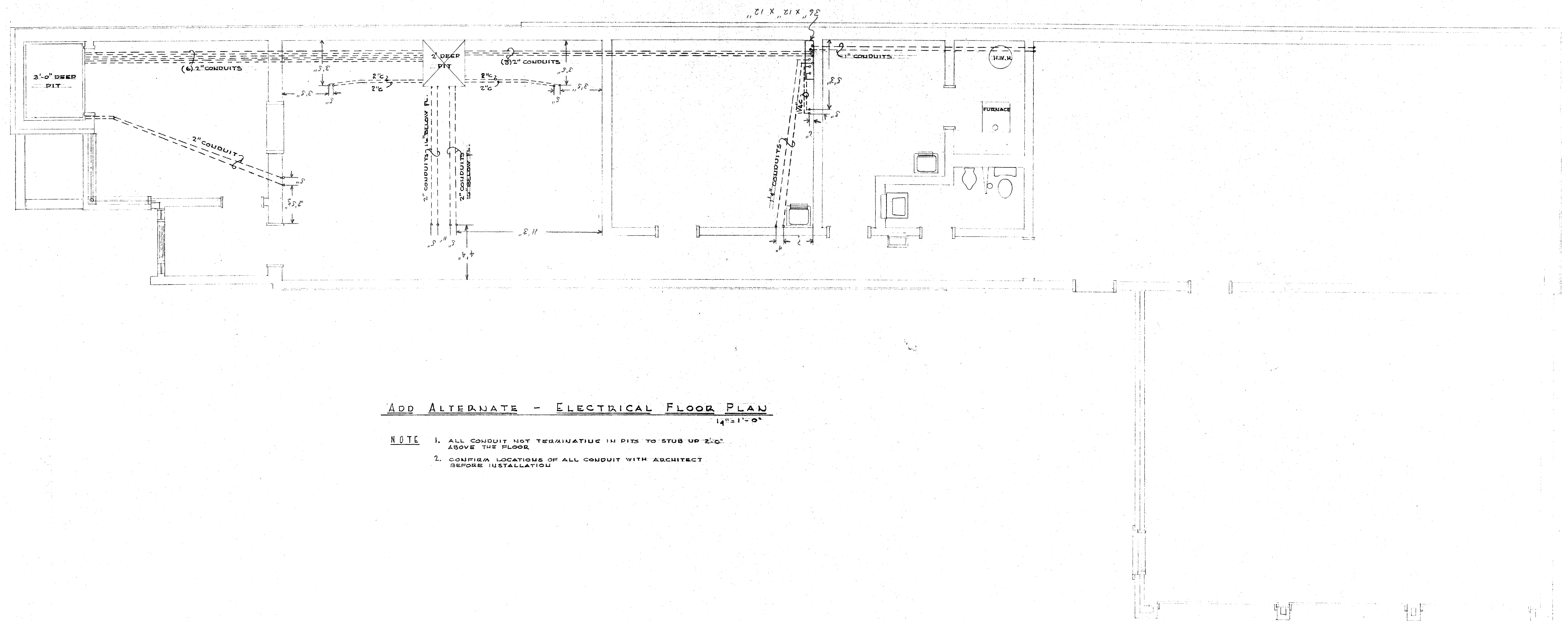
TIMERS.
 TIMER #1 SANGAMO LDE-21 ASTRO DIAL
 TIMER #2 INTERMATIC C8311-S ON 30MIN OFF 30MIN



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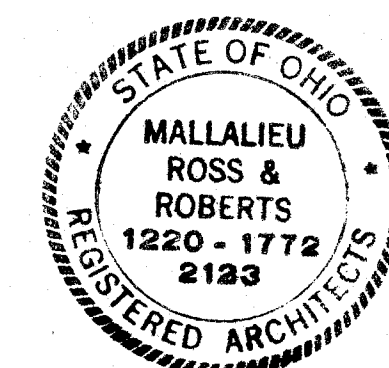
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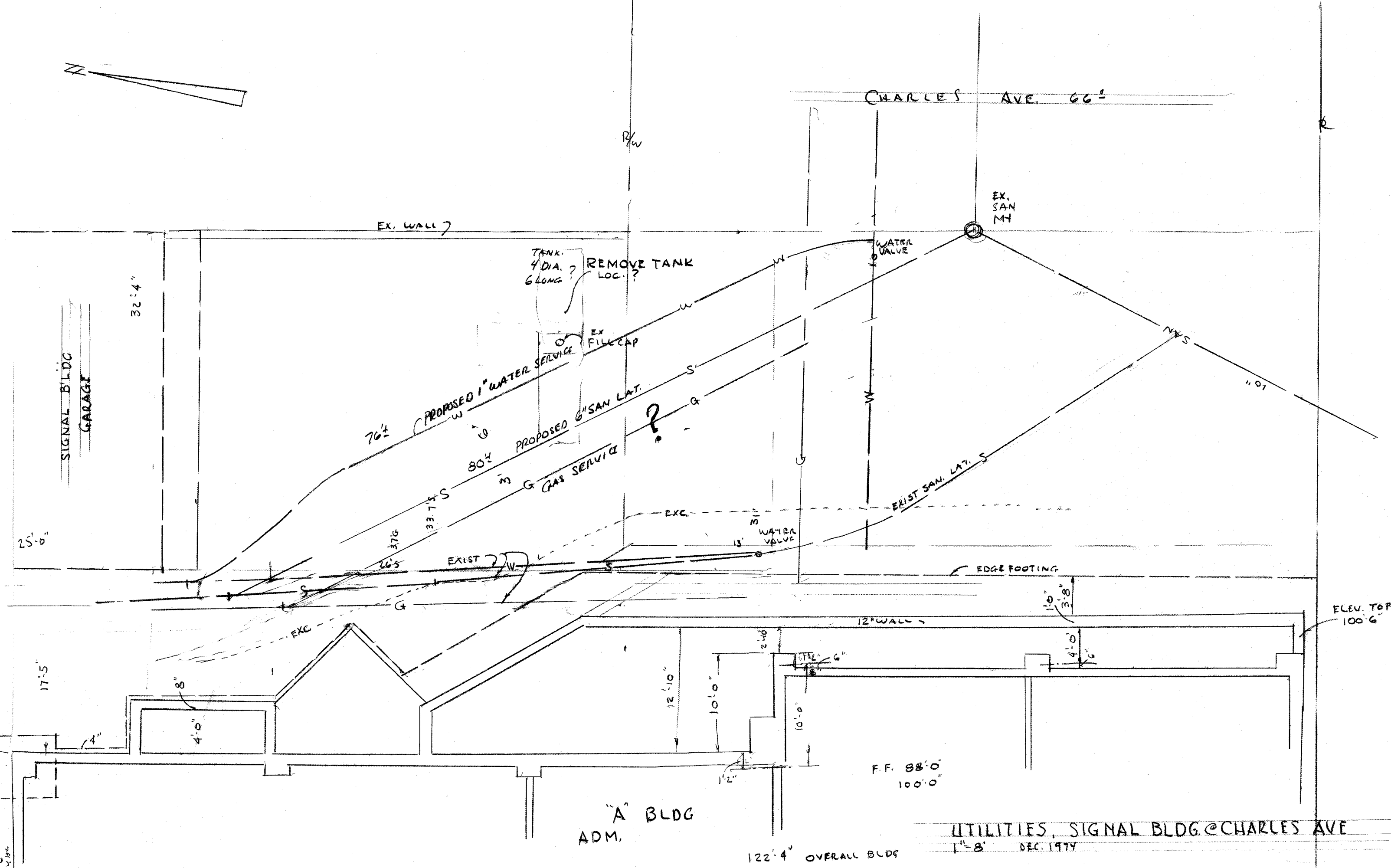
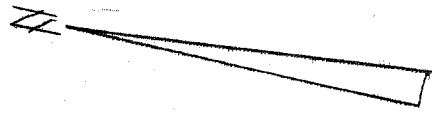


ADD ALTERNATE - ELECTRICAL FLOOR PLAN
1/4" = 1'-0"

- NOTE
1. ALL CONDUIT NOT TERMINATING IN PITS TO STUB UP 2'-0" ABOVE THE FLOOR.
 2. CONFIRM LOCATIONS OF ALL CONDUIT WITH ARCHITECT BEFORE INSTALLATION.



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UTILITIES, SIGNAL BLDG. @ CHARLES AVE
1" = 8' DEC. 1977