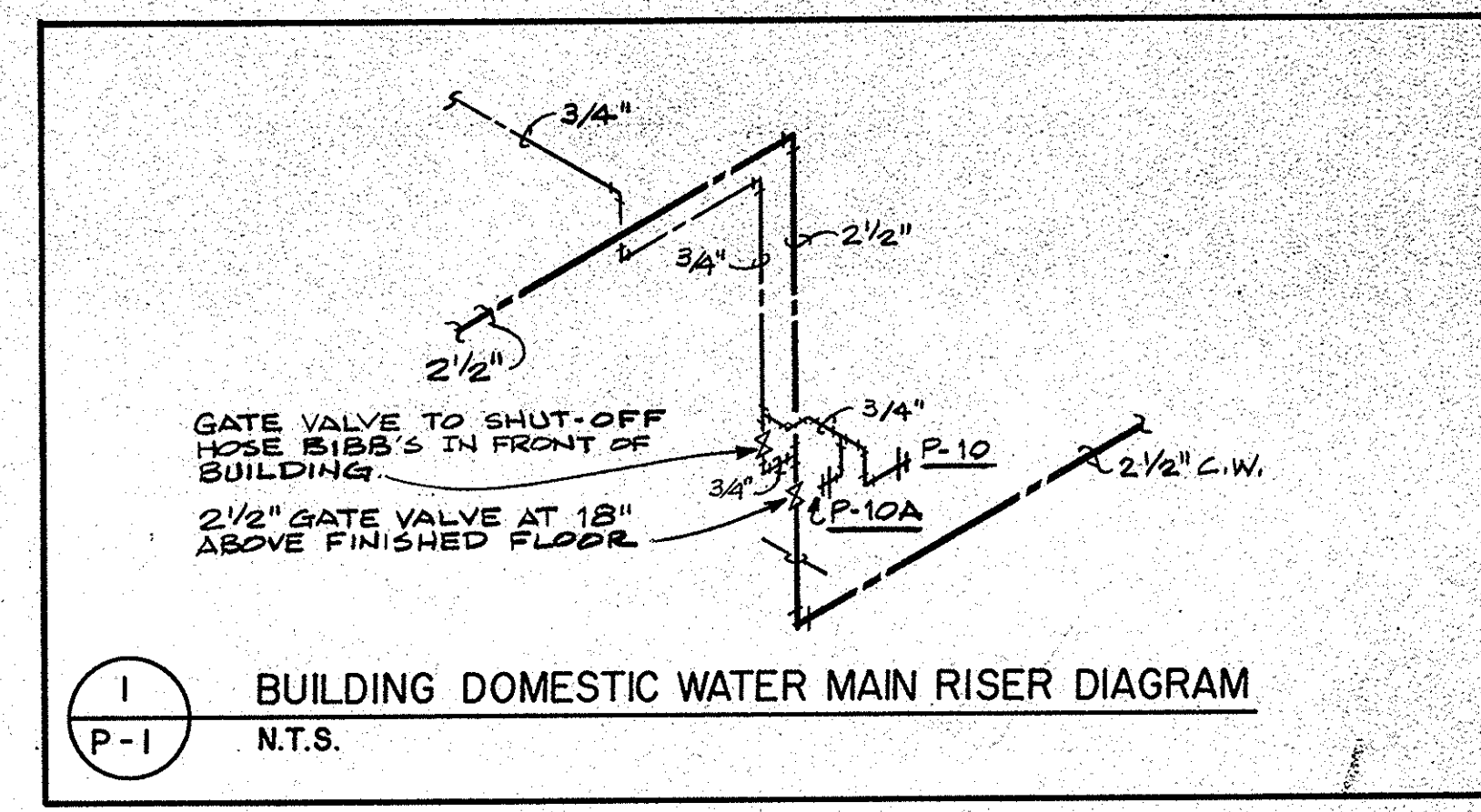
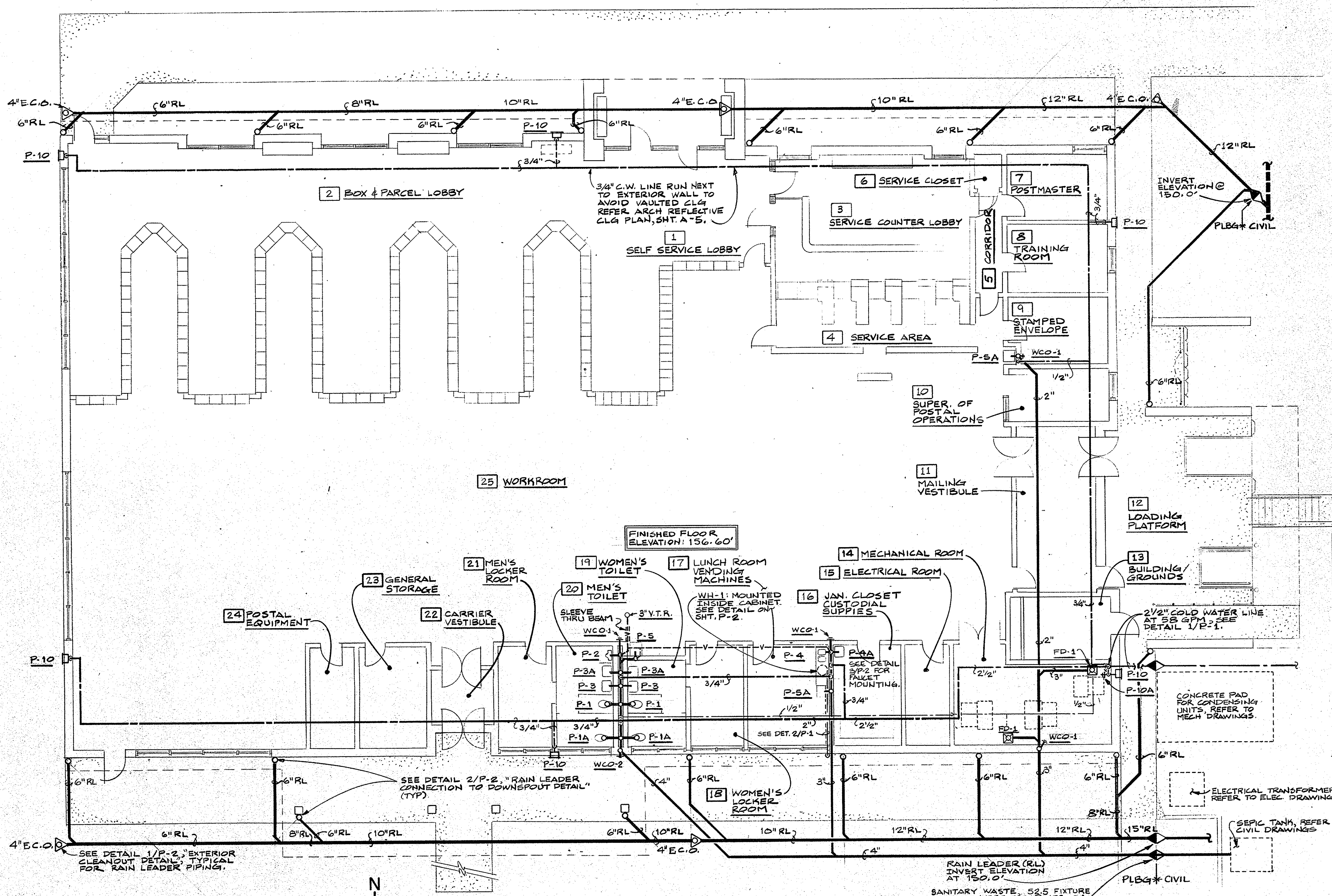
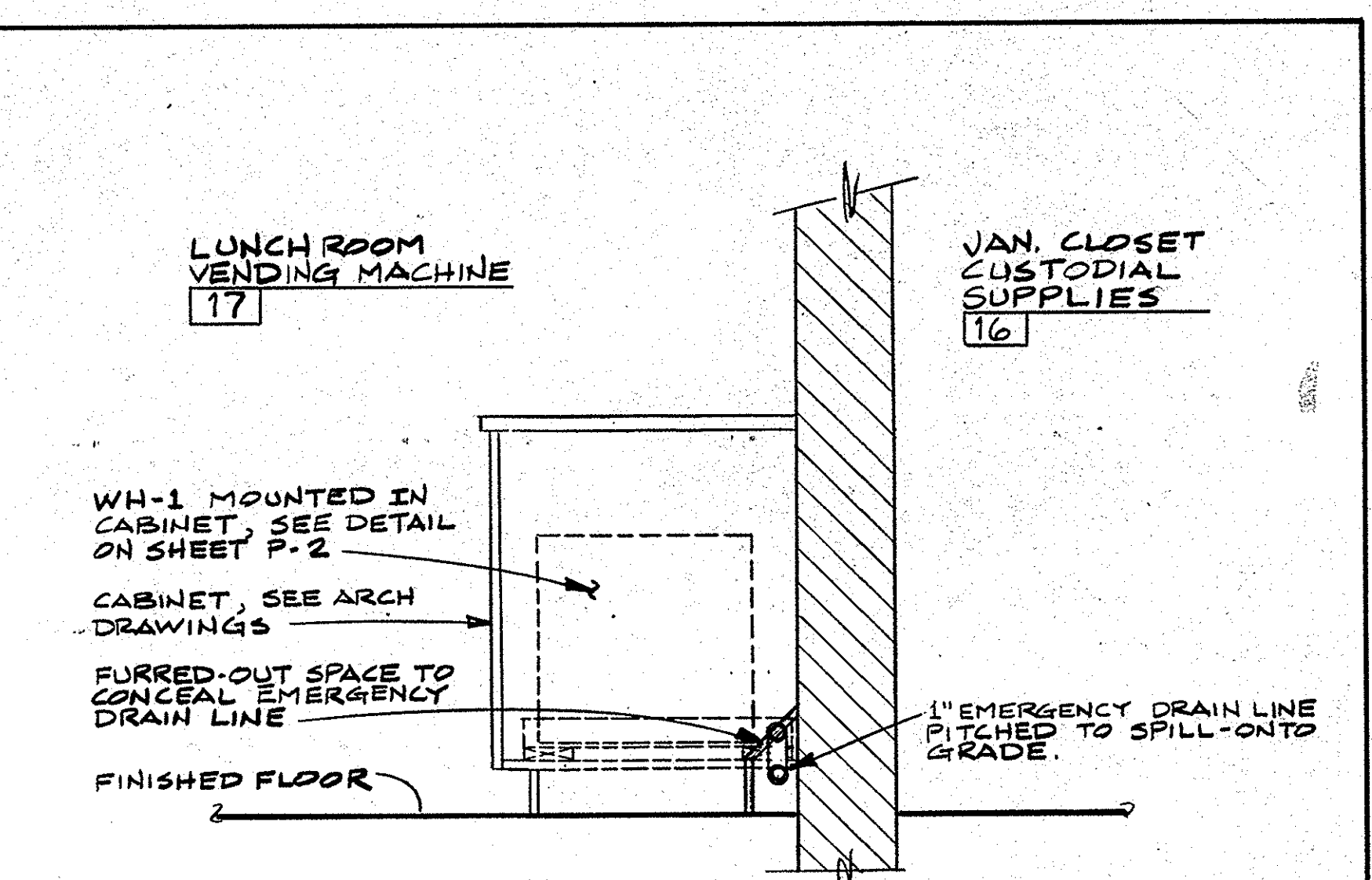
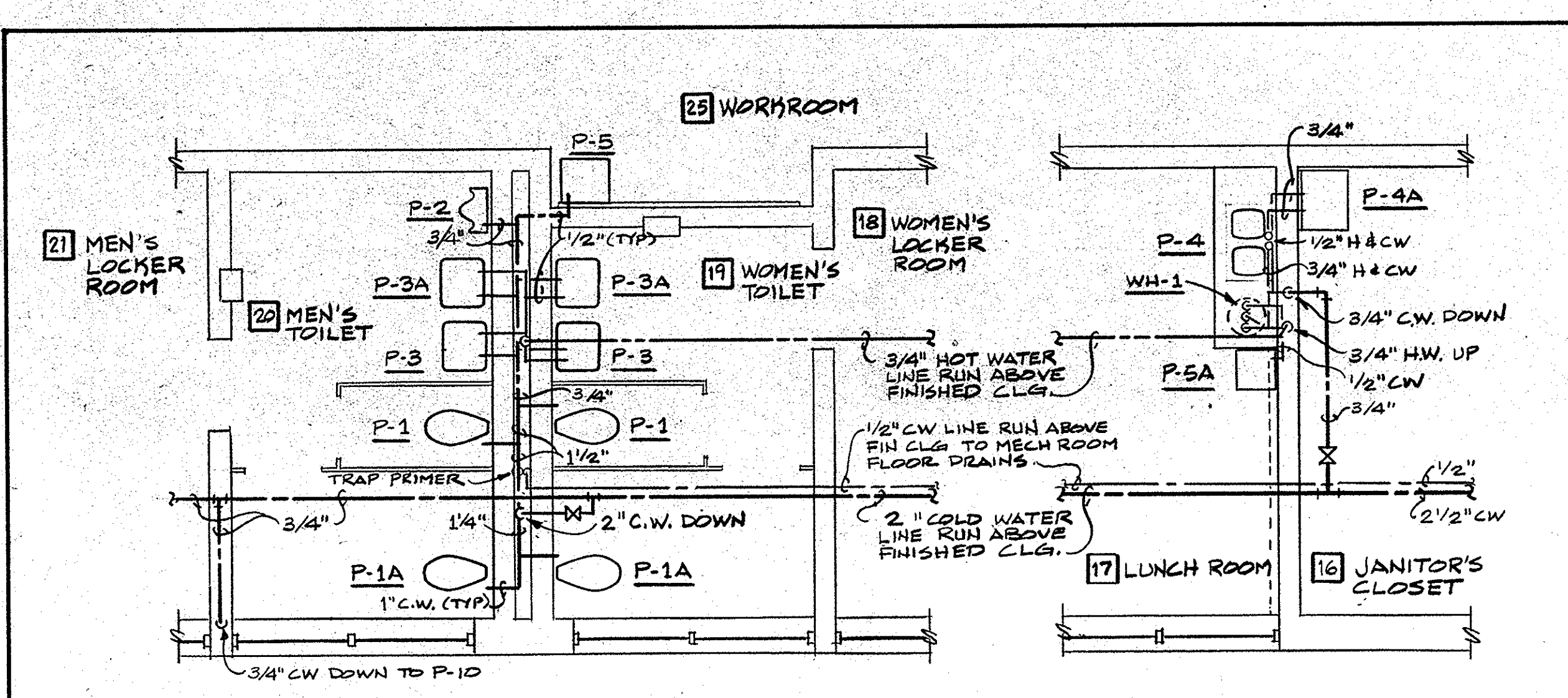


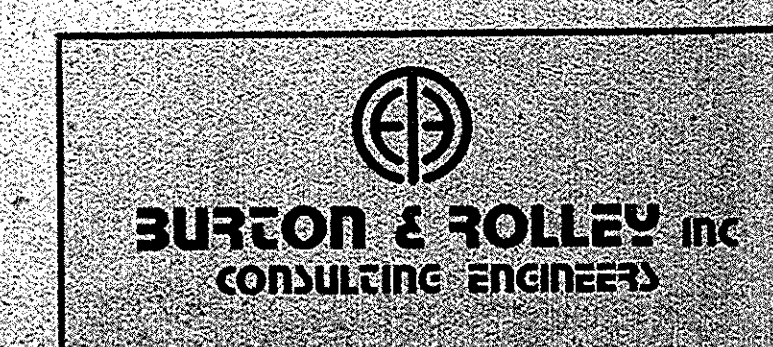
- DRAWING NOTES**
- PLUMBING GENERAL NOTES**
- CONTRACTOR SHALL PROVIDE COMPLETE PLUMBING SYSTEMS AS DETAIL ON THIS DRAWING. WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT AND SERVICES REQUIRED FOR COMPLETE SYSTEMS.
  - COORDINATE WORK WITH OTHER TRADES TO AVOID CONFLICTS.
  - COORDINATE FINAL LOCATIONS OF FLOOR DRAINS IN MECHANICAL ROOMS WITH MECHANICAL CONTRACTOR. COORDINATE LOCATIONS OF FLOOR DRAINS IN OTHER SPACES WITH ARCHITECTURAL DRAWINGS.
  - UNLESS OTHERWISE NOTED, ALL PIPING SHALL BE RUN IN CONCEALED SPACES.
  - PROVIDE CHROME PLATED STOPS & SUPPLIES AT ALL WATER CLOSETS AND LAVATORIES.
  - ALL WORK ON THIS PROJECT SHALL CONFORM TO LOCAL AND STATE CODES.
  - PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES SHALL BE SEALED IN AN APPROVED MANNER WHICH MAINTAINS THE REQUIRED FIRE-RATING OF THE ASSEMBLY.
    - WHERE HOLES ARE CIRCULAR, THE PENETRATION SHALL BE PROTECTED WITH FIRE-SEAL SMOKE AND FIRE STOP FITTINGS MANUFACTURED BY O.Z. GEDNEY, LINK SEAL BY THUNDER LINE OR APPROVED EQUAL.
    - WHERE HOLES ARE RECTANGULAR, THE PENETRATION SHALL BE PROTECTED WITH DOWN CORNING 3-6648, SILICONE RTV FOAM, 3M FIRE BARRIER PENETRATION SEAL SYSTEM, OR AN APPROVED EQUAL.
  - ALL WATER PIPING UNDERGROUND SHALL BE A MINIMUM OF 2 FT. BELOW GRADE UNLESS NOTED OTHERWISE.



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

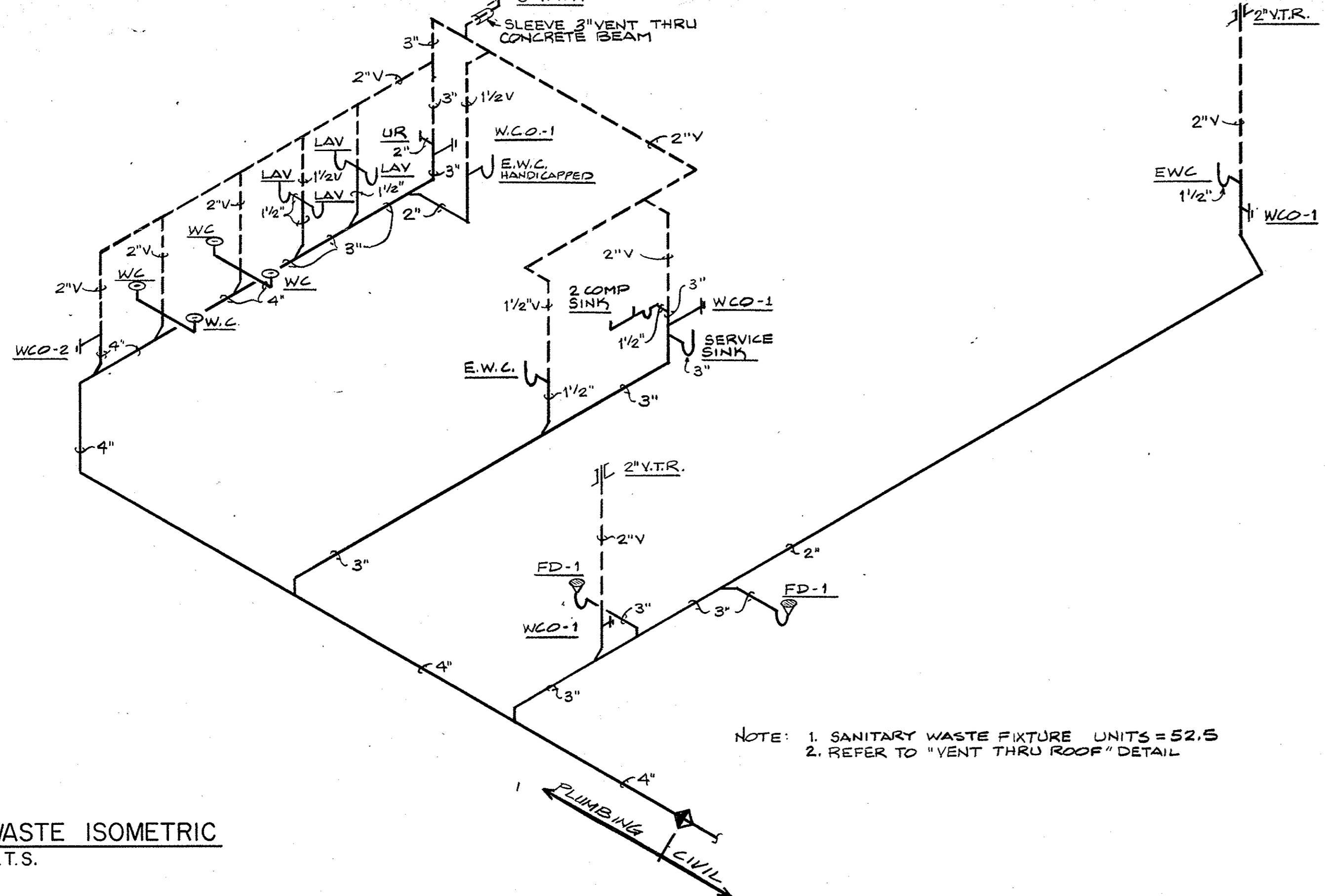


**PARTIAL PLUMBING PLAN - DOMESTIC WATER**  
SCALE: 1/4" = 1'-0"



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REVISION 2 ISSUED	<b>FLOOR PLAN - PLUMBING</b>	
REVISION 1 ISSUED	<b>NEW MAIN POST OFFICE</b>	
ISSUED FOR CONSTRUCTION		
ISSUED FOR APPROVAL		
ISSUED FOR REVIEW		
APPROVED BY	<b>Lunz and Associates, Inc. ARCHITECTS.</b>	P-1
CHECKED BY	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33805 (813) 682-1882	
DRAWN BY		8721

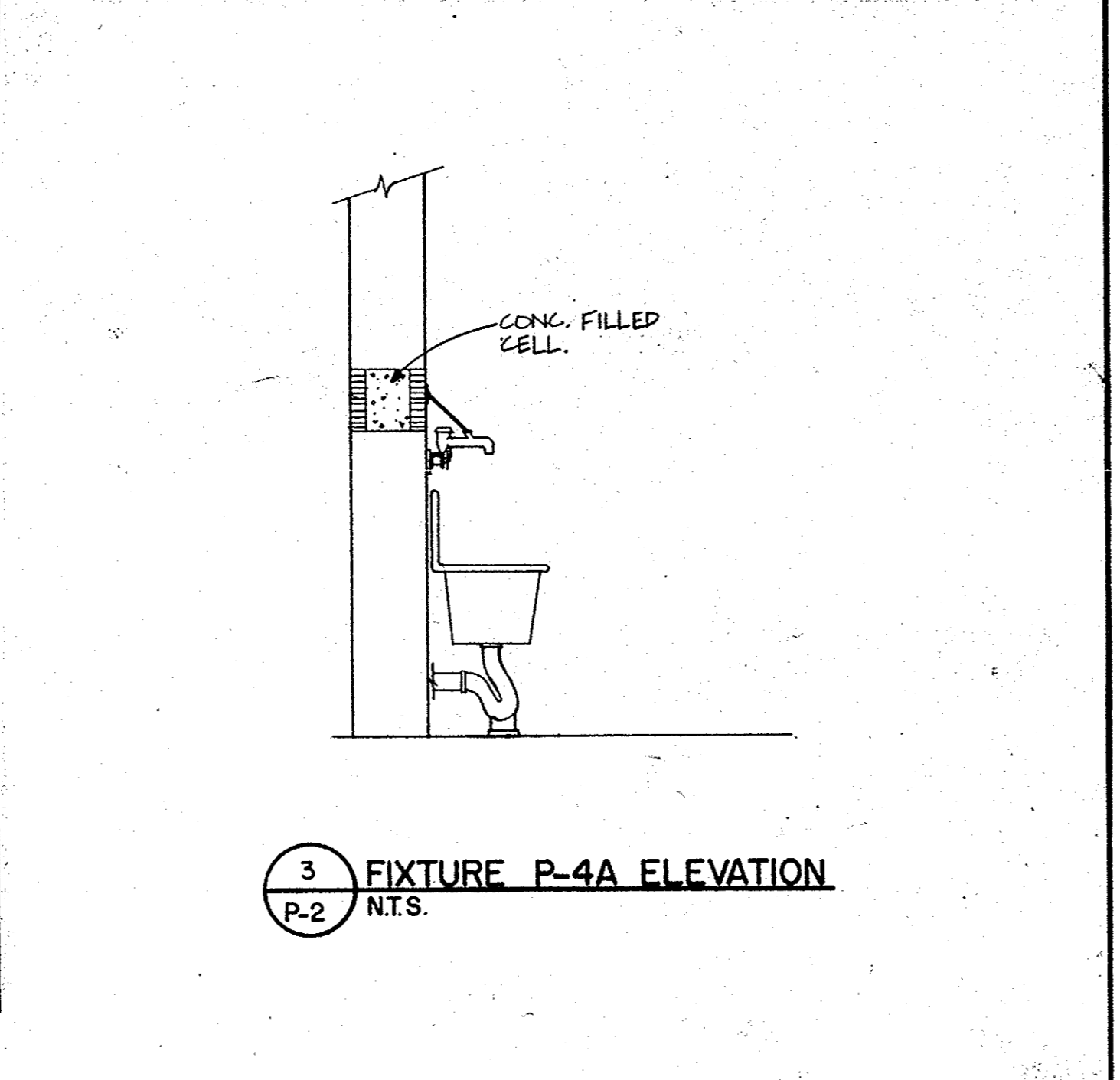
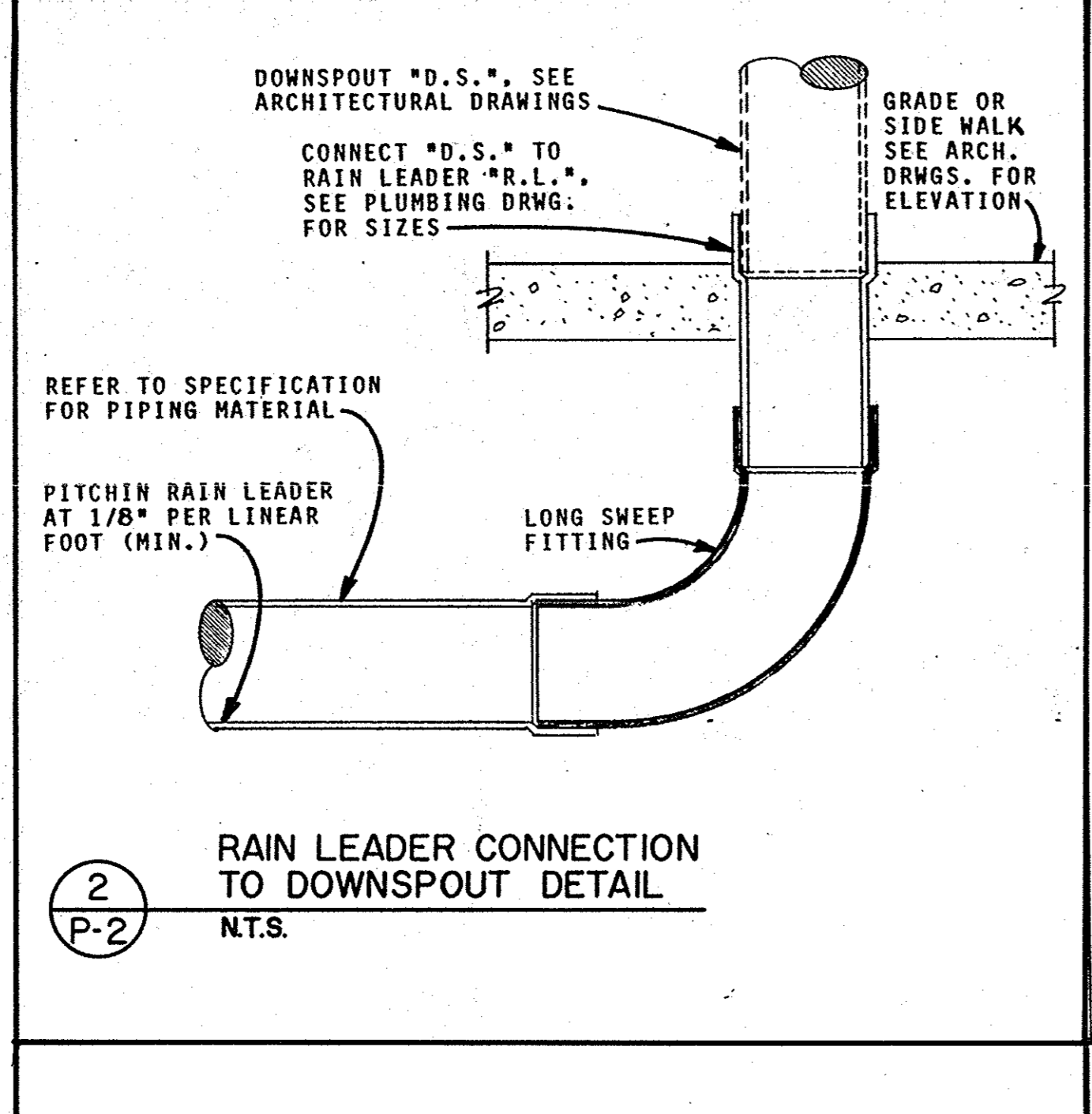
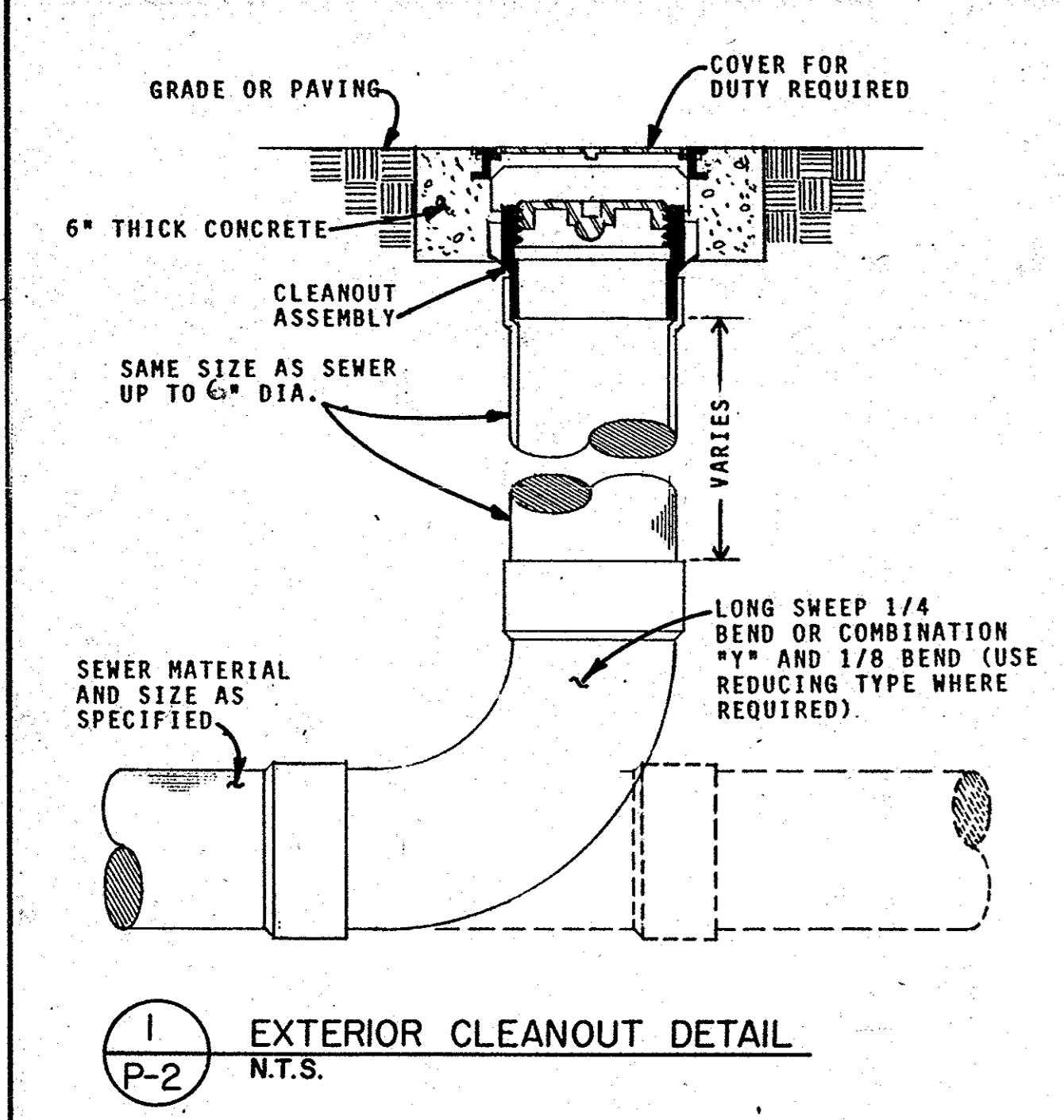
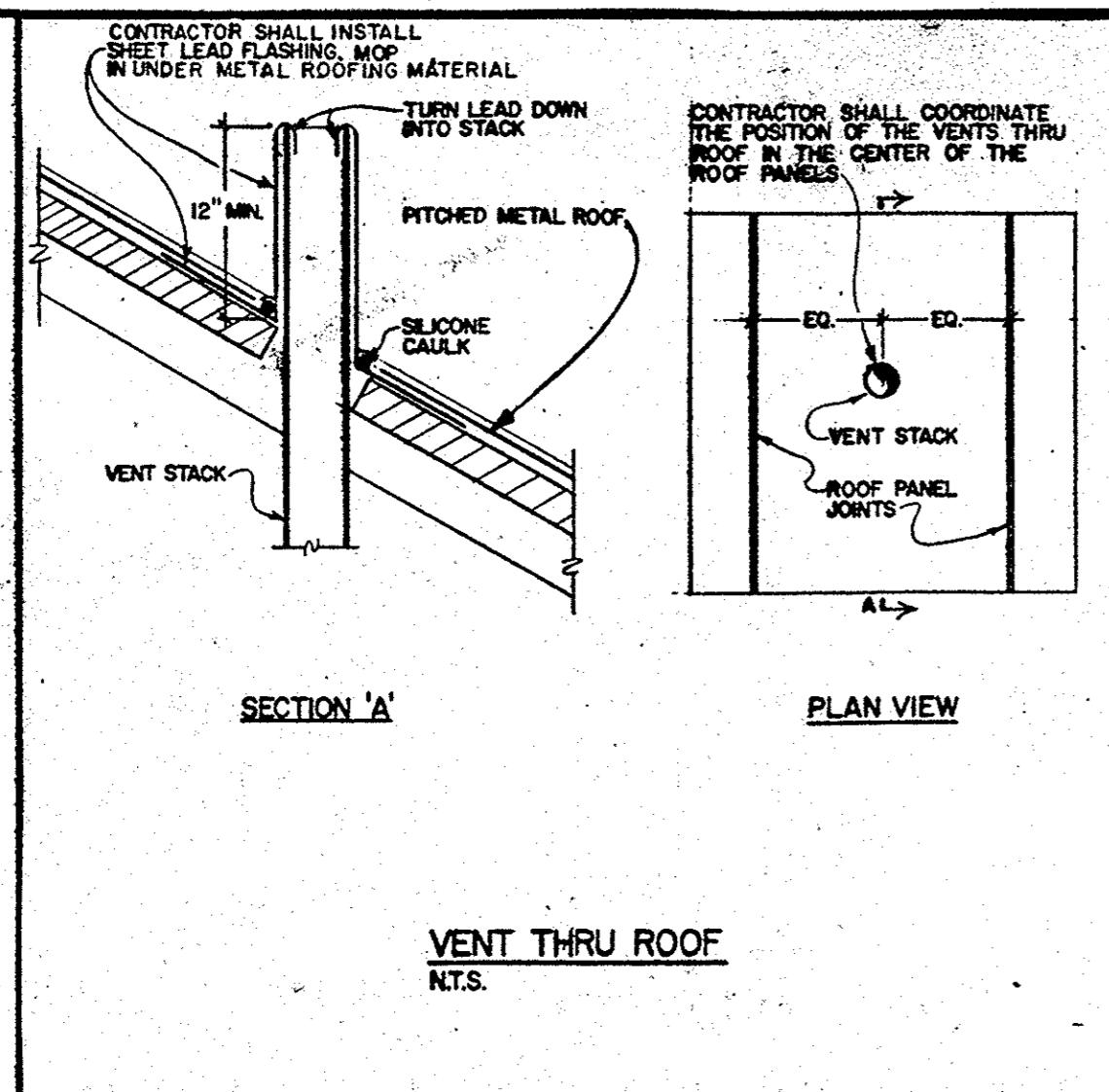
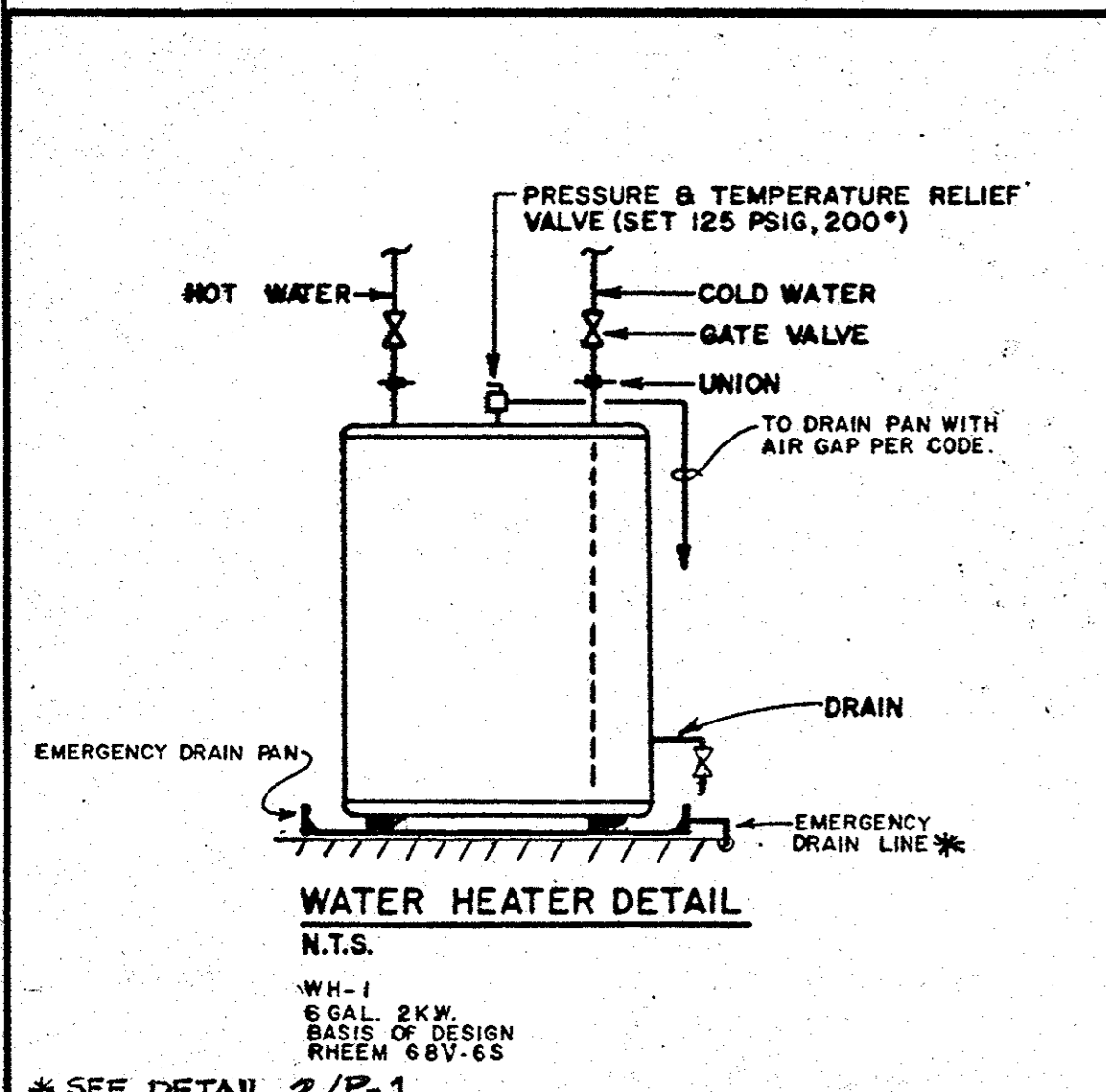


WASTE ISOMETRIC  
N.T.S.

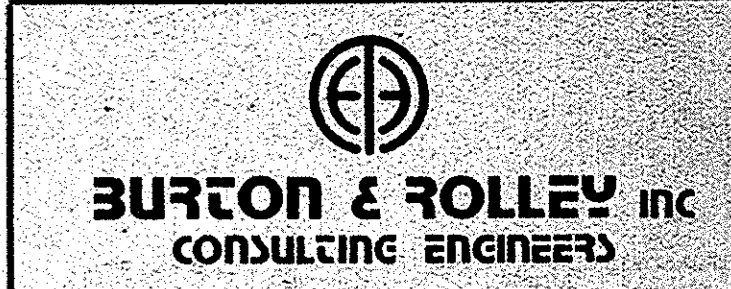
DRAIN AND CLEANOUT SCHEDULE			
DESIGNATION	PIPE SIZE	STRAINER SIZE	MANUFACTURER
FD-1	SEE PLANS	6"	JOSAM 30000-E
F.C.O.	SEE PLANS	--	JOSAM 58490/58530-2
W.C.O.-1	SEE PLANS	--	JOSAM 58890
W.C.O.-2	SEE PLANS	--	JOSAM 58760-15

PLUMBING FIXTURE SCHEDULE			
FIXTURE NUMBER & TYPE	MANUFACTURER FIXTURE NAME & NO.	TRIM MFG./NO.	DRAIN MFG./NO.
P-1 WATER CLOSET, FLOOR MOUNTED, VIT. CHINA, FLUSH VALVE	AM. STD. MADERA 2221.018	SLOAN ROYAL 110-3	
P-1A WATER CLOSET, FLOOR MOUNTED, VIT. CHINA, FLUSH VALVE, HANDICAPPED	AM. STD. CADET 9468.018	SLOAN ROYAL 110-3	
P-2 URINAL, WALL HUNG, VIT. CHINA	AM. STD. LYNNBROOK 6531.019	SLOAN ROYAL 180	
P-3 LAVATORY, WALL HUNG, VIT. CHINA, 19 X 17	AM. STD. DECLYN 0321.026	DELTA 500	AM. STD. 4362.026
P-3A LAVATORY, WALL HUNG, VIT. CHINA, 19 X 17, HANDICAPPED	AM. STD. DECLYN 0321.026	DELTA 500	AM. STD. 7723.018
P-4 DOUBLE BOWL SINK, S.S., 33 X 22	ELKAY PSR-3322	DELTA 400	ELKAY LK-35
P-4A SERVICE SINK, ENAMELED C.I., 24 X 20-1/2	AM. STD. 7696.016	CHICAGO 782-VB	AM. STD. 7798.176
P-5 ELECTRIC WATER COOLER, WALL HUNG, HANDICAPPED	HAWS HCB7D		
P-5A ELECTRIC WATER COOLER, SEMI-RECESSED, WALL HUNG	HAWS HCS4		
P-10 HOSE BIBB, EXTERIOR, 3/4"	JOSAM 71020		
P-10A HOSE BIBB, INTERIOR, 3/4"	WOODFORD 24P-3/4		

DRAWING NOTES

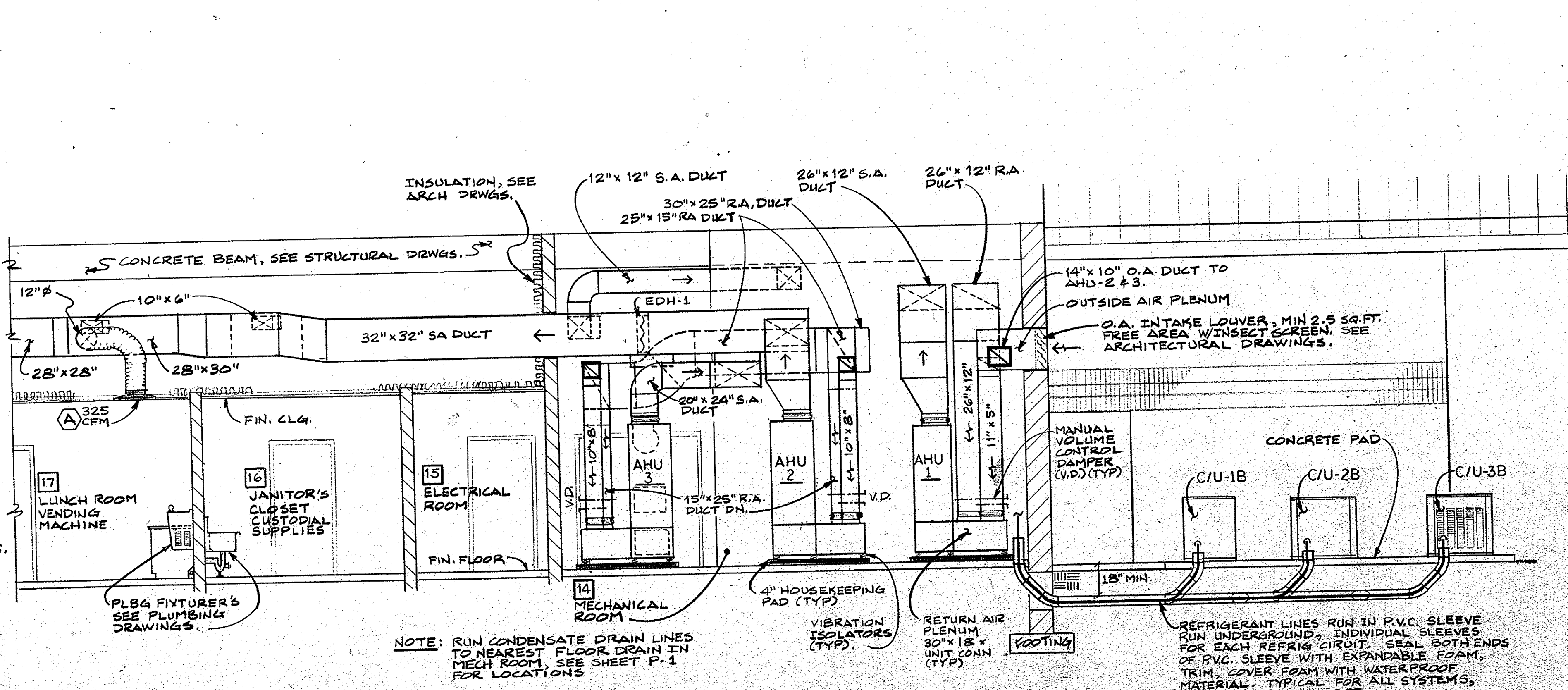
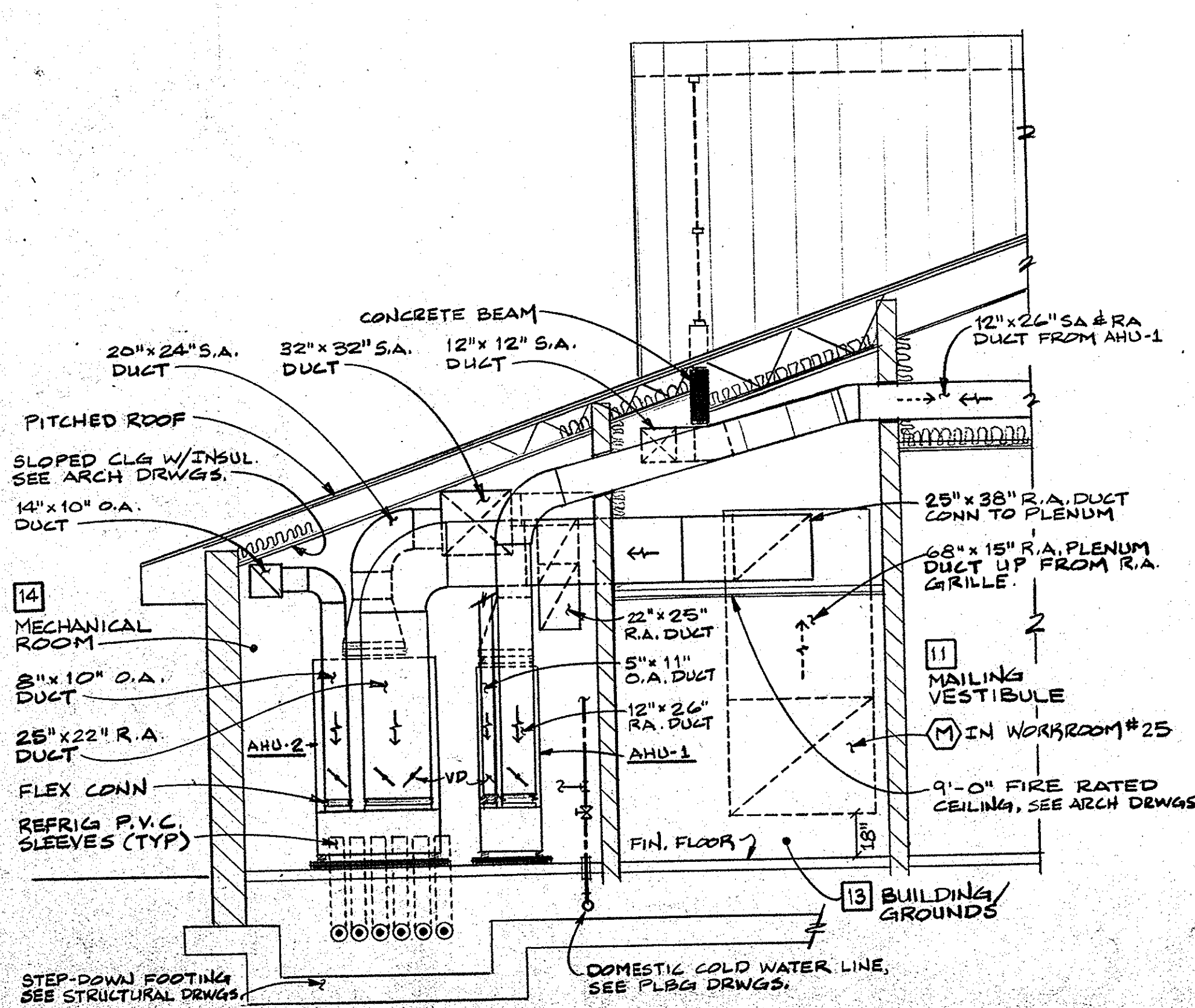
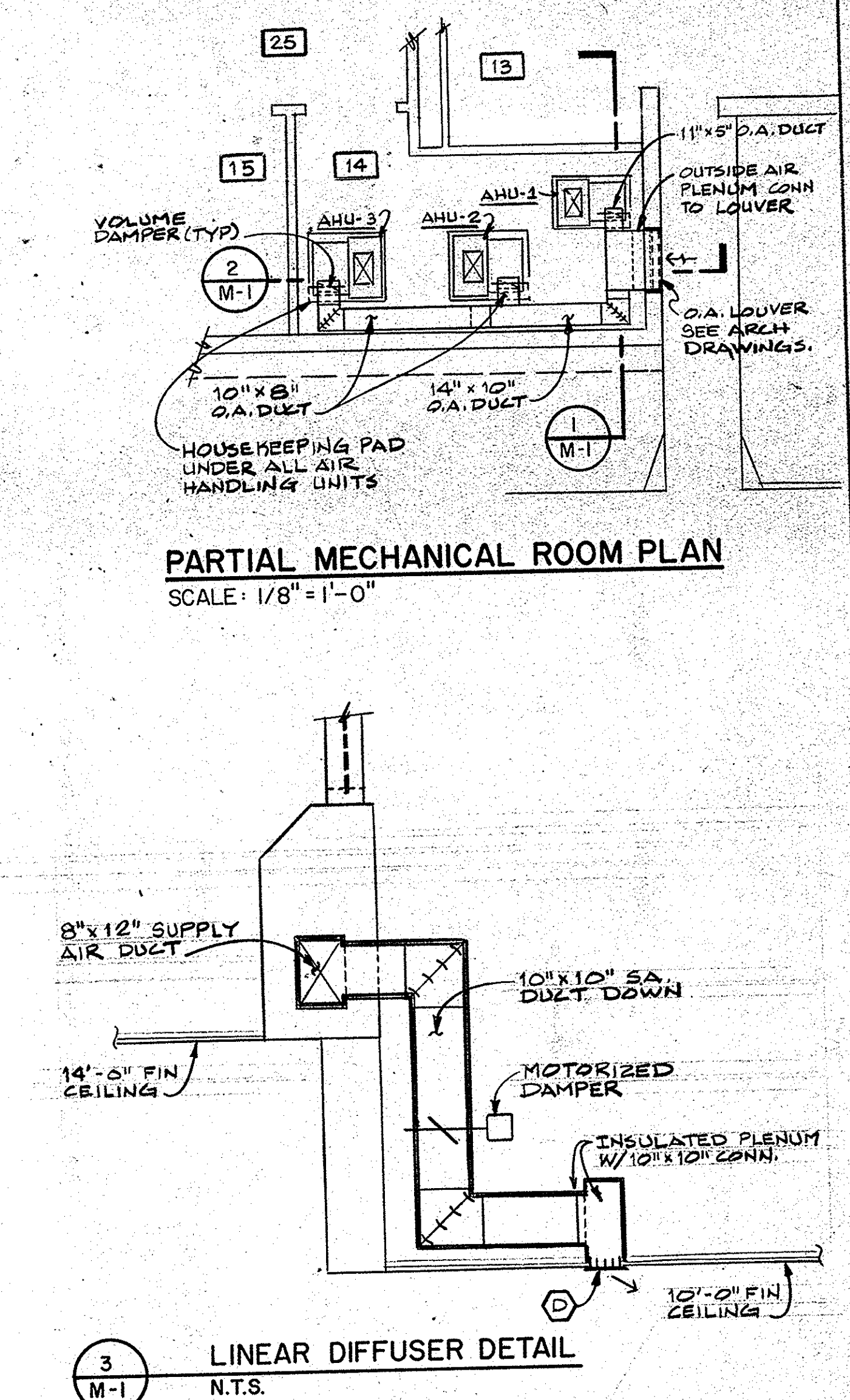
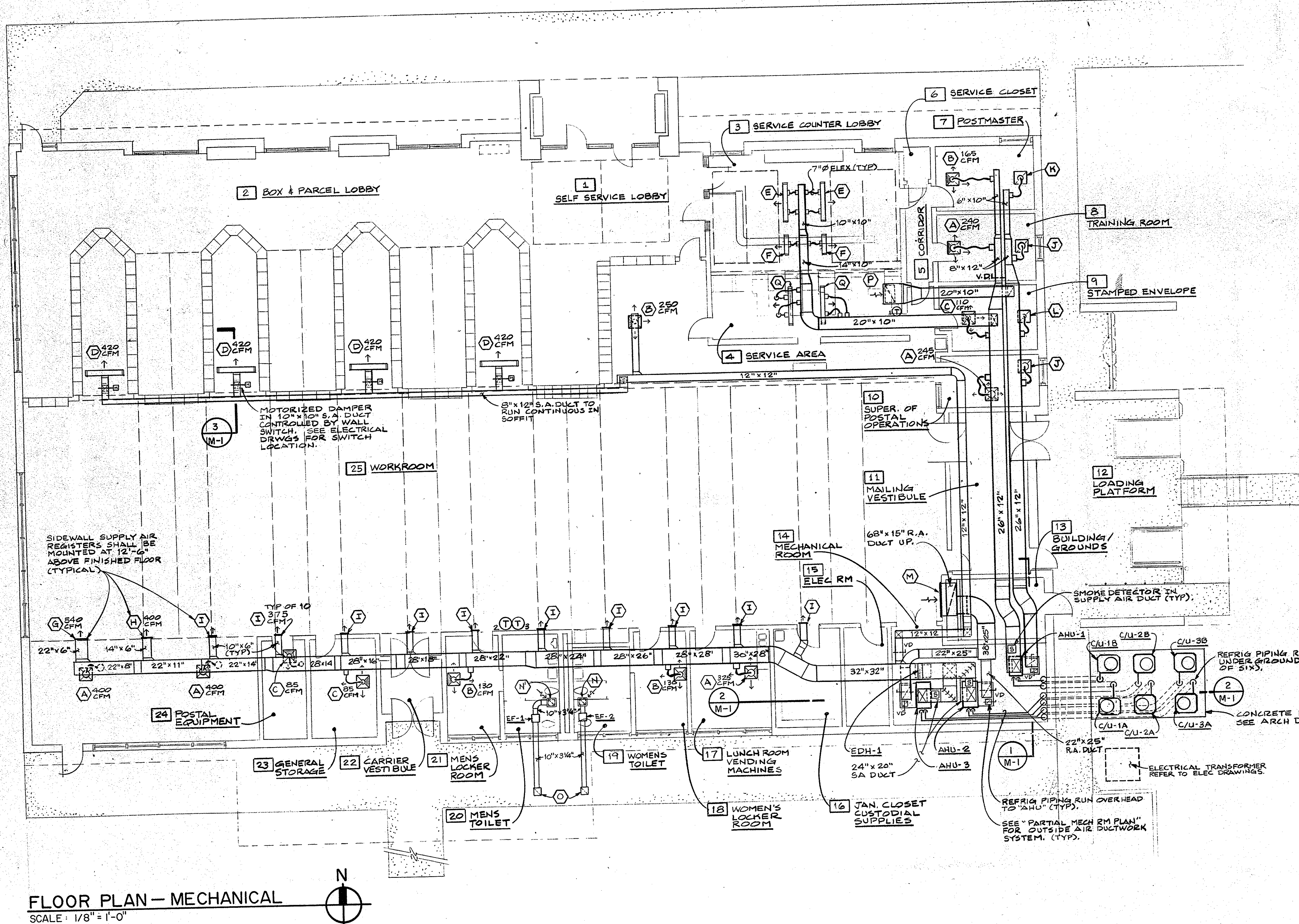


PLUMBING ACCESSORIES:  
SUPPLIES & STOPS - BRASSCRAFT #SCR-1912 - CHROME PLATED.  
TRAPS - CHROME PLATED BRASS, UNLESS NOTED OTHERWISE.



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REVISION 2 ISSUED	<b>PLUMBING SCHEDULES &amp; DETAILS</b> <b>NEW MAIN POST OFFICE</b> <b>DAVENPORT, FLORIDA</b> <b>Lunz and Associates, Inc.</b> ARCHITECTS 44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 662-1662	<b>P-2</b> 8721
REVISION 1 ISSUED		
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**1 SECTION THRU AHU-1 & 2 AND ASSOCIATED DUCTWORK**  
SCALE: 1/4" = 1'-0"

**2 SECTION THRU AIR HANDLING & HEAT PUMP COMP./COND. UNITS W/ ASSOCIATED PIPING & DUCTWORK**  
SCALE: 1/4" = 1'-0"

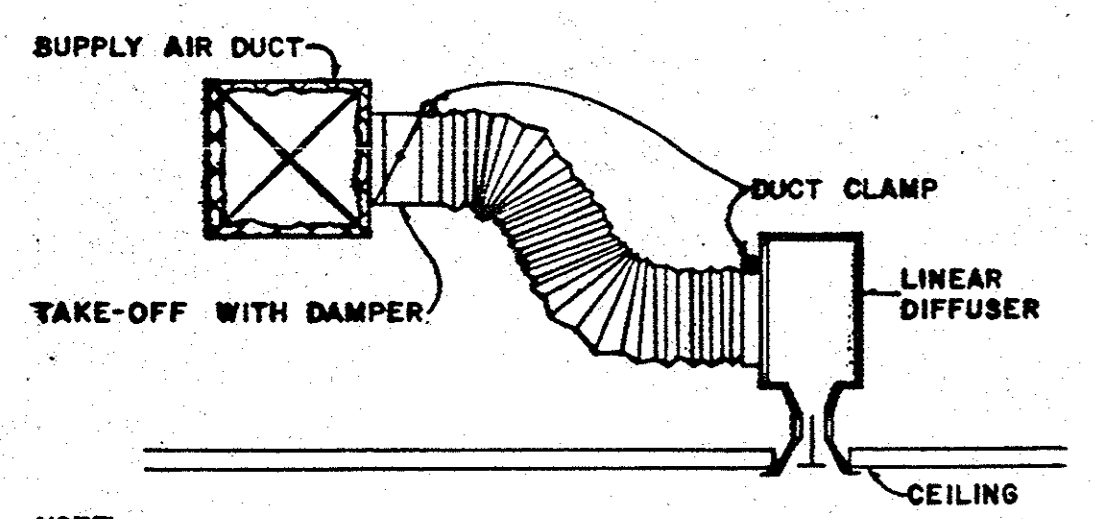


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REVISION 2 ISSUED		<b>FLOOR PLAN - MECHANICAL</b> <b>NEW MAIN POST OFFICE</b>	DAVENPORT, FLORIDA	Lutz and Associates, Inc. ARCHITECTS	M-1
REVISION 1 ISSUED					
ISSUED FOR CONSTRUCTION	3/26				
ISSUED FOR REVIEW	7/17				
APPROVED BY					
CHECKED BY		44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33509			
DRAWN BY	phf				8724

SPLIT SYSTEM HEAT PUMP A/C SCHEDULE																			
MARK	TOTAL CFM (7)	O.A. CFM	EXT. SP. IN " W.G.	FAN HP	SENS. CAPY. B.T.U.H.	TOTAL CAPY. B.T.U.H.	ENT db °F	ENT wb °F	AMBIENT TEMP °F	ELECTRIC HEAT		HEATING		FILTER (6)		BASIS OF DESIGN (5)(8)		MIN. S.E.E.R.	
										KW	STEPS	C.O.P.	B.T.U.H.	THKNS	TYPE	MFR.	A.H.U.		COND. UNIT
AHU-1	2000	180	2.0"	3/4	50,600	64,000	78	63	91	6.48	ONE (1)	2.8	65,000	1" (4) 14" x 20" (2)	THROW-AWAY	TRANE	BWE 060C 100F	(1) TWB730A100A (2) TWB736A100A	8.5
AHU-2	3500	340	2.0"	2	102,000	116,000	78	63	91	EDH-1 12.0	TWO (3)	2.8	120,000	1" (3) 14" x 20" (4)		TRANE	BWE 120B 100F	C/U-2A & 2B (2) TWB760A100A	8.6
AHU-3	3500	340	2.0"	2	102,000	116,000	78	63	91			2.8	120,000			TRANE	BWE 120B 100F	C/U-3A & 3B (2) TWB760A100A	8.6

- NOTES:
- ELECTRIC HEATER MOUNTED IN AIR HANDLING UNIT, MODEL NO. BAY96X1509A, HEATER SHALL BE THIRD STAGE IN THE CONTROL SEQUENCE.
  - PROVIDE FILTER ENCLOSURE NO. BAYFLTR003 & CONNECT TO AHU-1 & RA PLENUM DUCT.
  - ELECTRIC DUCT HEATER WITH BOTTOM MOUNT CONTROL PANEL SHALL BE FIFTH STAGE IN THE CONTROL SEQUENCE. SEE DIV. 15 SPECIFICATION.
  - PROVIDE FILTER ENCLOSURE NO. BAYFLTR006 AND CONNECT TO AHU-2/AHU-3 AND RETURN AIR PLENUM DUCT.
  - CONTRACTOR SHALL FIELD INSTALL TWO CHECK VALVES FOR HEAT PUMPS IN THE AIR HANDLING UNITS COOLING COIL CIRCUITS. PROVIDE INTERLOCK CONTROLS BETWEEN "AHU" AND "C/U'S". PROVIDE SHUT-OFF VALVES ON "C/U" CIRCUIT TO "AHU".
  - THROWAWAY FILTERS SHALL BE AS SPECIFIED IN DIVISION 15.
  - SMOKE DETECTORS IN SUPPLY AIR DUCTWORK FURNISHED AND INSTALLED UNDER DIVISION - 16 : SYMBOL (8).
  - PROVIDE T'STATS WITH LOCKABLE COVER, OPAQUE MATERIAL (TYP).

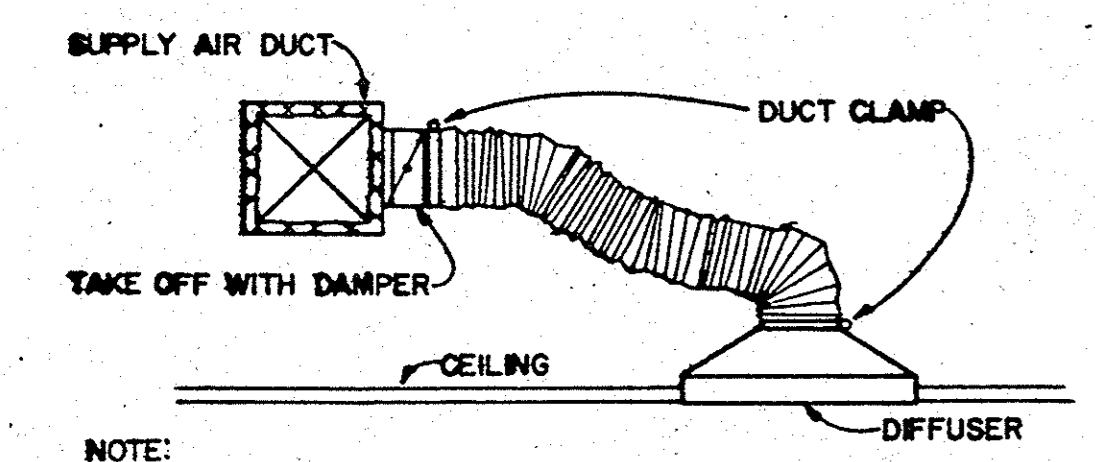


NOTE:  
1. NECK SIZE OF LINEAR DIFFUSER SHALL MATCH FLEX DUCT SIZE.  
2. COORDINATE DIFFUSER FRAME TYPE WITH CEILING.

LINEAR DIFFUSER DETAIL  
N.T.S.

EXHAUST FAN SCHEDULE									
MARK	SERVICE	LOCATION	CFM	S.P. IN " W.G.	MAX. R.P.M. FAN WHEEL	H.P.	SONES	TYPE DRIVE	BASIS OF DESIGN
EF-1	MENS TOILET	INLINE	255	0.25	1560	145 WATTS	5.2	DIRECT	CARNES VCDB-30, SPEED CONTROLLER, INLINE ADAPTER.
EF-2	WOMENS TOILET	INLINE	185	0.25	1560	145 WATTS	5.2	DIRECT	CARNES VCDB-30, SPEED CONTROLLER, INLINE ADAPTER.

- NOTES:
- FANS SHALL BE CONTROLLED BY WALL SWITCH, SEE ELEC. DRAWINGS.
  - SPEED CONTROLLER SHALL BE FACTORY MOUNTED ONTO FAN.

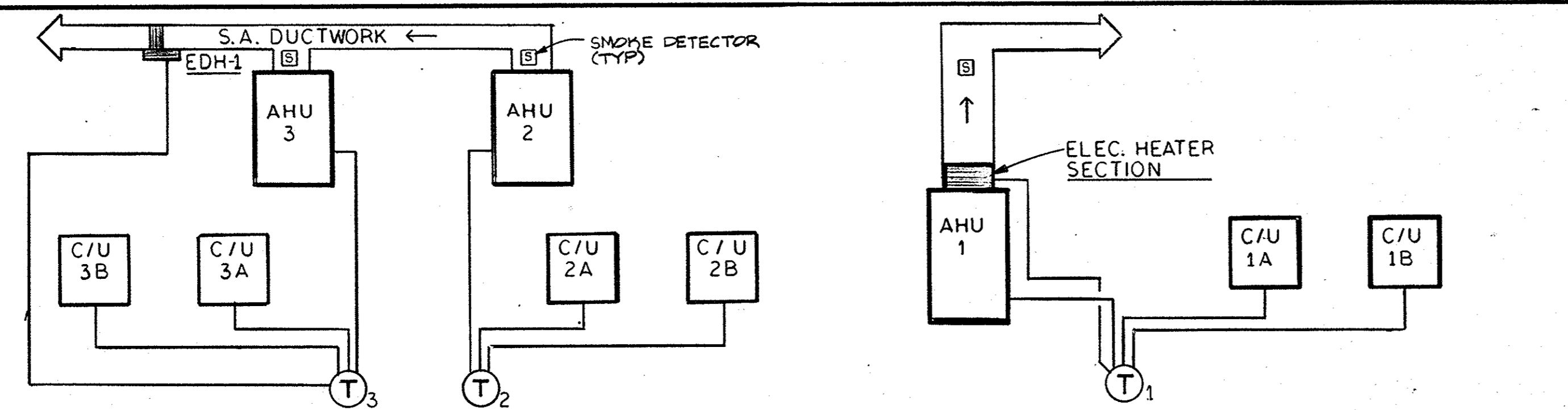


NOTE:  
1. NECK SIZE OF DIFFUSER SHALL MATCH FLEX DUCT SIZE.  
2. COORDINATE DIFFUSER FRAME TYPE WITH CEILING.

AIR DEVICE DETAIL  
N.T.S.

AIR DEVICE SCHEDULE									
MARK	C.F.M.	SIZE	NECK	SERVICE	DAMPER	FINISH	MFR./MODEL NO.	NOTES	
A	REFER TO MECH. DRWG.	24" x 24"	12" Ø	S.A. CLG. DIFFUSER	YES (3)	WHITE	CARNES SFTA 241201G	LAY-IN T-BAR FRAME, ROUND NECK CONNECTION (2)	
B			8" Ø				CARNES SFTA 240801G		
C			6" Ø				CARNES SFTA 240601G		
D	70/LIN. FOOT	72"	10" x 10"	S.A. LINEAR SLOT DIFF.		WHITE/BLACK	CARNES CHBB72042807XT	FOUR SLOT, INSUL. PLENUM W/ SQUARE NECK DUCT CONN. LAY-IN T-BAR FRAME WITH END CAPS. SEE DETAIL 3/11-1	
E	40/LIN. FOOT	72"	TWO 7" Ø				CARNES (SURFACE) CHBB7202-507X52	TWO SLOT, INSUL. PLENUM W/ TWO ROUND NECK DUCT CONN. SEE DETAIL ON THIS SHEET	
F	40/LIN. FOOT	36"	7" Ø				CARNES (SURFACE) CHBB3602-507X52	TWO SLOT, INSUL. PLENUM W/ ROUND NECK DUCT CONN. SEE DETAIL ON THIS SHEET	
G	REFER TO MECH. DRWG.	24" x 8"	22" x 6"	S.A. SIDEWALL REGISTER	YES (3)	WHITE	CARNES RWDA H	3/4" BLADE SPACING, DOUBLE DEFLECTION FIELD ADJUSTABLE BLADES SET @ 22"	
H		16" x 8"	14" x 6"						
I		12" x 8"	10" x 6"						
J		24" x 24"	12" Ø	R.A. CLG. PERF. DIFF.			CARNES SPPA42212	LAY-IN T-BAR FRAME	
K			8" Ø				CARNES SPPA42208		
L			6" Ø				CARNES SPPA42206		
M		62" x 50"	60" x 48"	RETURN AIR GRILLE			CARNES RSHA-01GT	HEAVY DUTY STEEL, MOUNTED 18" A.R.F.	
N		14" x 14"	12" x 12"	EXHAUST AIR GRILLE			CARNES RALAH	3/4" BLADE SPACING - 45° BLADE SETTINGS	
O		16" x 16"	14" x 14"					INSECT SCREEN FOR OUTDOOR INSTALLATIONS.	
P		38" x 20"	36" x 18"	RETURN AIR GRILLE					
Q	40/LIN. FOOT	72"	TWO 7" Ø	S.A. LINEAR SLOT DIFF.		WHITE/BLACK	CARNES CHBB72022807XT	TWO SLOT, INSUL. PLENUM W/ TWO ROUND NECK DUCT CONN. SEE DETAIL ON THIS SHEET.	

- NOTE:
- PROVIDE CARNES MOUNTING FRAME NO. 2 FOR INSTALLATION IN GYPSUM BOARD CEILING. COORDINATE WITH GENERAL CONTRACTOR FOR INSTALLATION IN CEILING PER MANUFACTURERS REQUIREMENTS.
  - REFER TO MECH. DRAWING FOR THROW PATTERN OF AIR DEVICES.
  - "DAMPERS" SHALL BE OPPOSED BLADE TYPE.



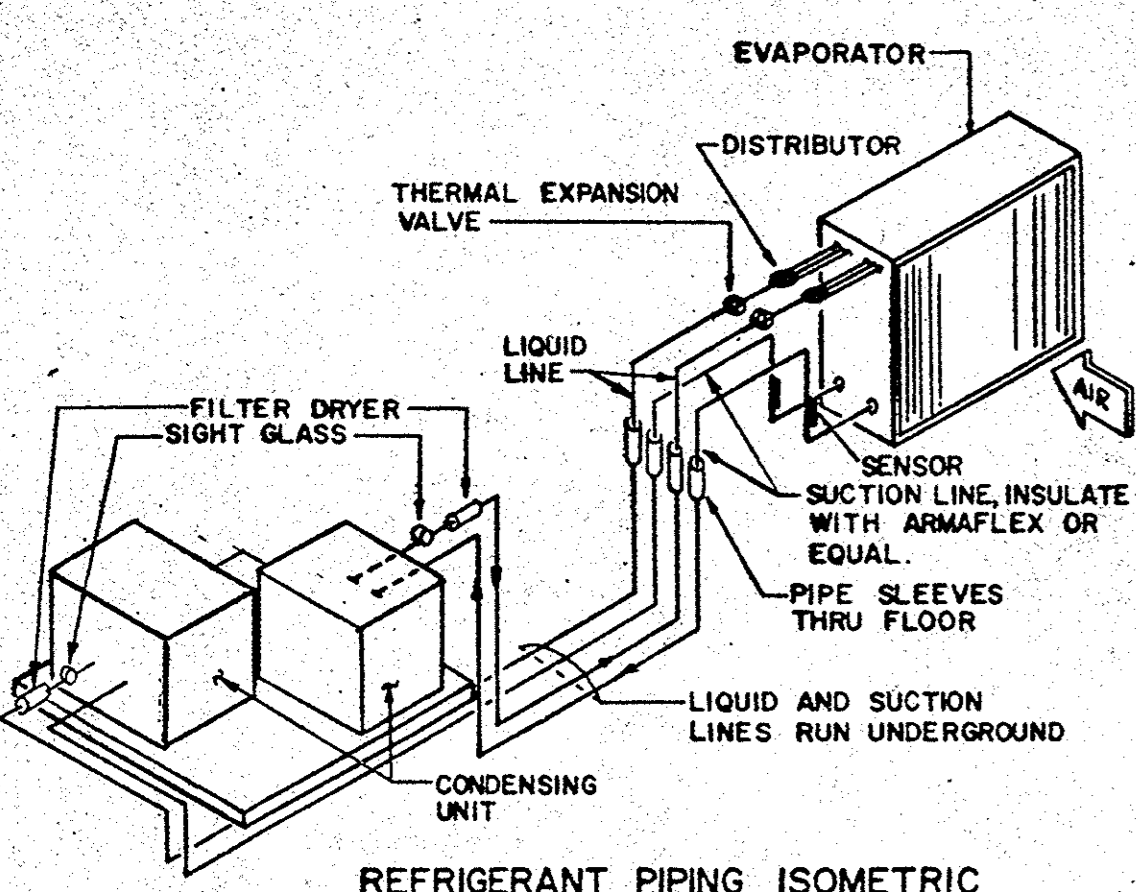
**COOLING:**  
T'STAT SHALL CYCLE CONDENSING UNITS INTO COOLING MODE IN STAGES IN A RESPONSE TO SPACE TEMPERATURE.  
FIRST STAGE: C/U-3A, SECOND STAGE: C/U-3B  
FAN SHALL RUN CONTINUOUSLY.

**HEATING:**  
T'STAT SHALL CYCLE CONDENSING (HEAT PUMP) UNITS AND ELECTRIC HEATER INTO HEATING MODE IN STAGES IN RESPONSE TO SPACE TEMPERATURE.  
FIRST STAGE: C/U-2A & C/U-3A  
SECOND STAGE: C/U-2B & C/U-3B  
THIRD STAGE: EDH-1 (BACK-UP SUPPLEMENTARY HEATER)  
FAN SHALL RUN CONTINUOUSLY.

**COOLING:**  
T'STAT SHALL CYCLE CONDENSING UNITS INTO COOLING MODE IN STAGES IN A RESPONSE TO SPACE TEMPERATURE.  
FIRST STAGE: C/U-1A, SECOND STAGE: C/U-1B  
FAN SHALL RUN CONTINUOUSLY.

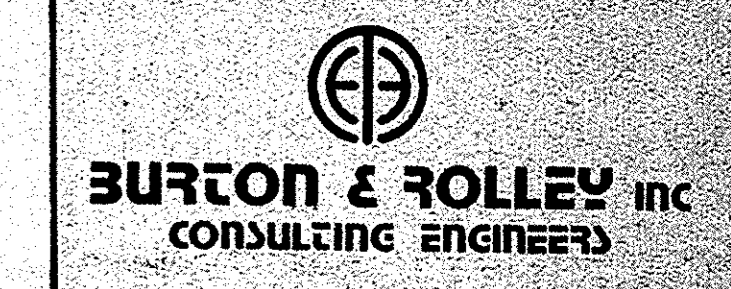
**HEATING:**  
T'STAT SHALL CYCLE CONDENSING (HEAT PUMP) UNITS AND ELECTRIC HEATER INTO HEATING MODE IN STAGES IN RESPONSE TO SPACE TEMPERATURE.  
FIRST STAGE: C/U-1A  
SECOND STAGE: C/U-1B  
THIRD STAGE: ELEC HTR SECTION (BACK-UP)  
FAN SHALL RUN CONTINUOUSLY.

CONTROL DIAGRAM FOR AHU-1; AHU-2 AND AHU-3 SYSTEMS  
N.T.S.



NOTE:  
REFER TO EQUIPMENT MANUFACTURERS LINE SIZING REQUIREMENTS PRIOR TO INSTALLATION, AND THE SPECIFICATIONS FOR REFRIGERANT PIPING AND CONNECTIONS TO CONDENSING UNIT AND THE EVAPORATOR COIL.

REFRIGERANT PIPING ISOMETRIC  
N.T.S.



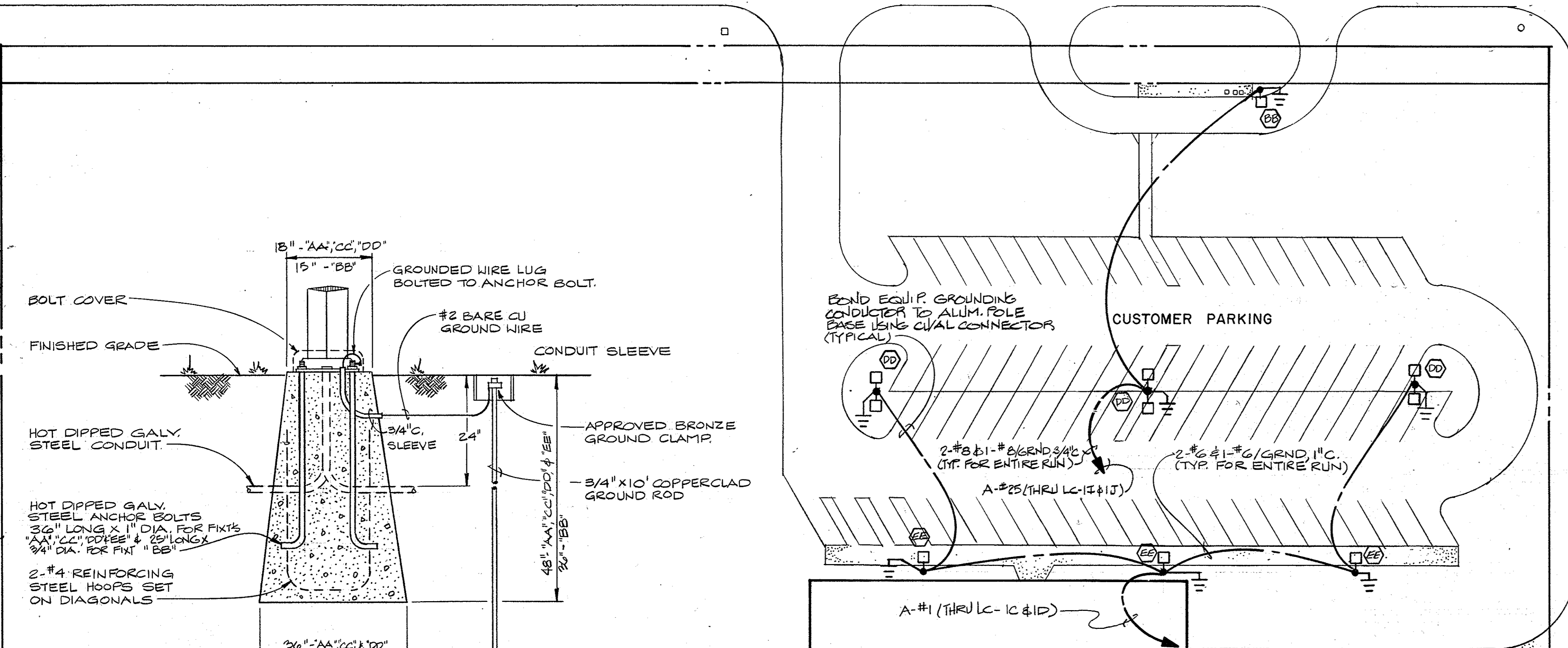
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REVISION 2 ISSUED	MECH. SCHEDULES & DETAILS NEW MAIN POST OFFICE
REVISION 1 ISSUED	
ISSUED FOR CONSTRUCTION	DAVENPORT, FLORIDA
ISSUED FOR APPROVAL	
ISSUED FOR REVIEW	Lunz and Associates, Inc. ARCHITECTS
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DRAWN BY	

SOUTH BOULEVARD

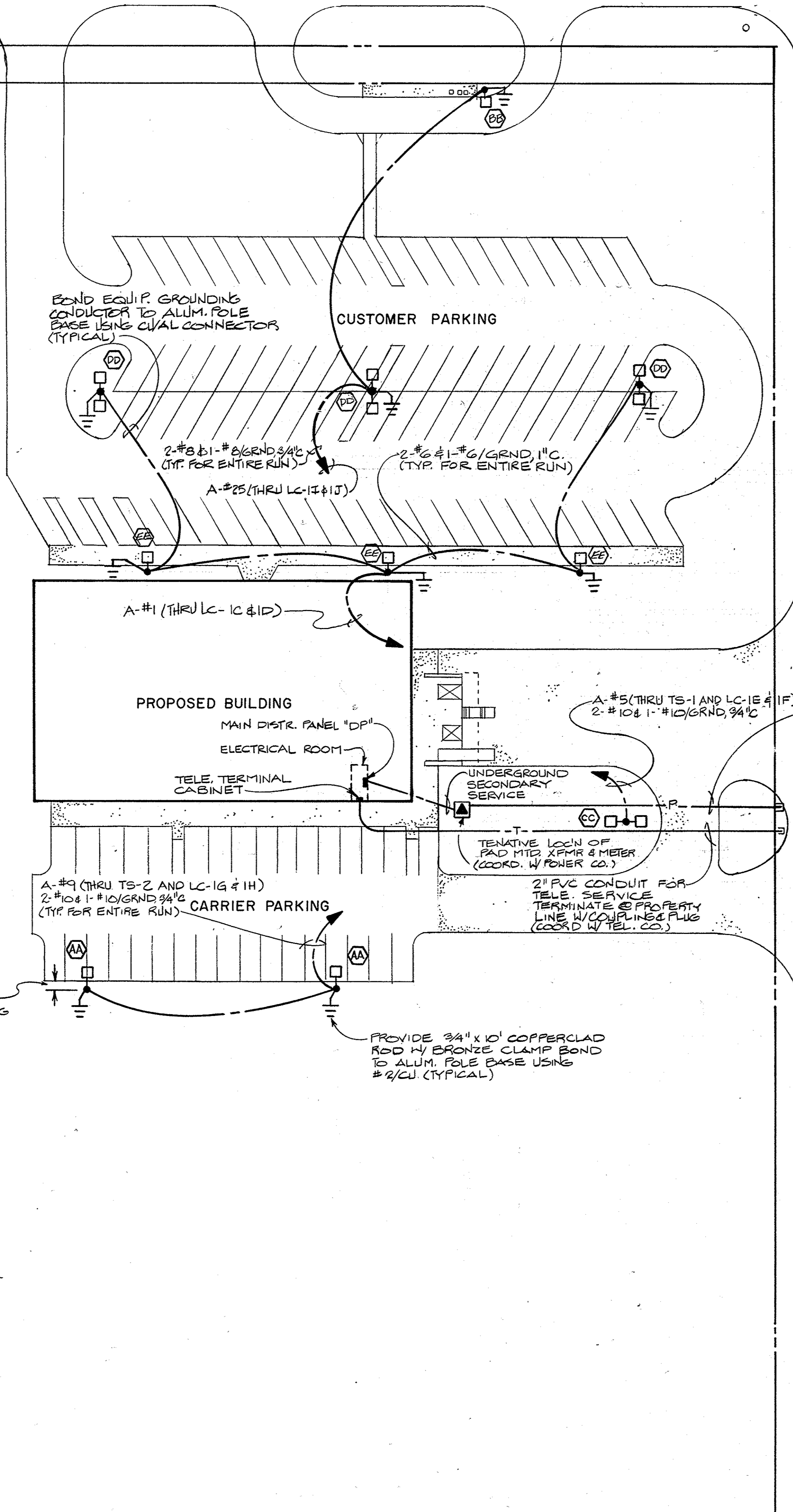
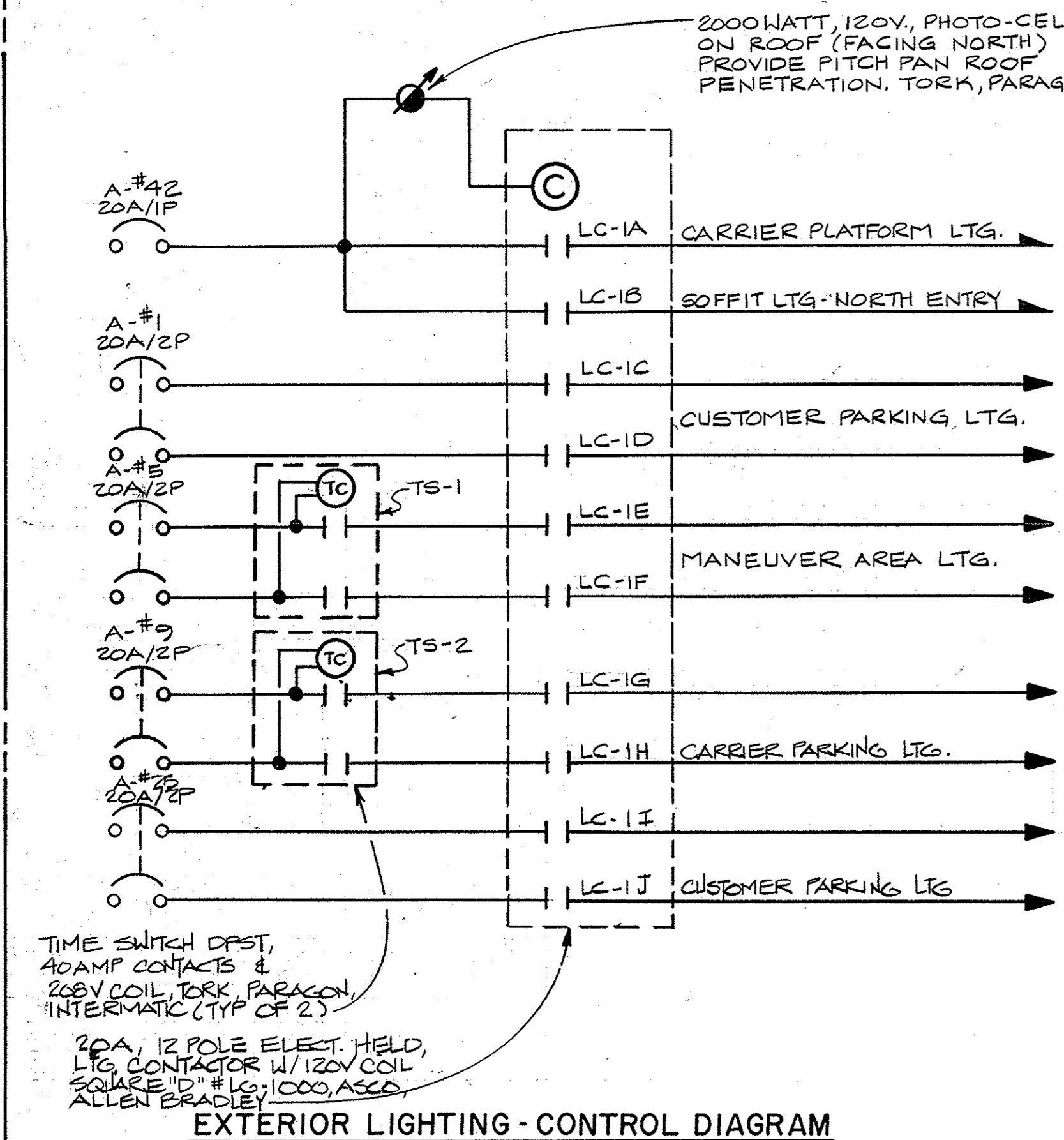
LIGHTING FIXTURE SCHEDULE (SITE LIGHTING)					
MARK	WATTS	LAMP	VOLTS	DESCRIPTION	COMMENTS
AA	315	LU250 (30,000 LUMENS)	208V	SINGLE 250W HPS LUMINAIRE (DESIGN 40) W/ FUSING, LEVEL INDICATOR AND ADJUSTABLE KNUCKLE MOUNTED ON 30" HIGH SQUARE (NON-TAPERED) ALUM. POLE. MCGRAW-EDISON #C57254-FF-L-208-SSA300925-1	ADJ. KNUCKLE TYPE ARM MTD, SEE POLE BASE DETAIL, (COORD. FINISH W/ ARCHITECT)
BB	195	LU150/55 (15,000 LUMENS)		SAME AS 'AA' EXCEPT 150W & 1/2" POLE. MCGRAW-EDISON #C57252-FF-L-208-SSA150412-1 (DESIGN 20)	
CC	630	(2) LU250 (30,000 LUMENS)		TWIN MOUNTED 250 WATT HPS LUMINAIRES (DESIGN 20) WITH FUSING, LEVEL INDICATOR AND ADJ. KNUCKLE (2 REQ'D) MOUNTED ON 30" HIGH SQUARE (NON-TAPERED) ALUM. POLE. MCGRAW-EDISON #C57254-FF-L-208-SSA300925-2	
DD	970	(2) LU 400 (30,000 LUMENS)		TWIN MOUNTED, 400 WATT HPS LUMINAIRES (DESIGN 40) WITH FUSING, LEVEL INDICATOR AND ADJ. KNUCKLE (2 REQ'D) MOUNTED ON 30" HIGH SQUARE (NON-TAPERED) ALUM. POLE. MCGRAW-EDISON #C57254-FF-L-208-SSA300926-2	
EE	195	LU 150/55 (15,000 LUMENS)		SINGLE 250W HPS LUMINAIRE (DESIGN 20) W/ FUSING, LEVEL INDICATOR & ADJ. KNUCKLE MTD ON 20" HIGH SQUARE (NON-TAPERED) ALUM. POLE. MCGRAW-EDISON #C57252-FF-L-208-SSA200612-1	

- DRAWING NOTES**
- EXTERIOR LIGHTING UTILIZING HIGH PRESSURE SODIUM LUMINAIRES SHALL BE PROVIDED TO ATTAIN THE FOLLOWING FOOTCANDLE INTENSITIES:
    - EMPLOYEE AND CUSTOMER PARKING: 1.5 FOOTCANDLES (AVERAGE MAINTAINED) AT THE SIDEWALK ADJACENT TO THE BLDG.
    - 1.5 FC (AVERAGE MAINTAINED) IN THE PARKING AREA CARRIER PARKING.
    - 1.0 FOOTCANDLES (AVER. MAINTAINED) AT THE SIDEWALK ADJACENT TO THE BLDG.
    - 0.5 FC (AVER. MAINTAINED) IN THE PARKING AREA
  - APPROVED EQUAL SUBSTITUTION FOR THE SITE LIGHTING SHALL INCLUDE A PHOTOMETRIC LAYOUT PREPARED BY AN INDEPENDENT TESTING LAB, FOR COMPLIANCE WITH NOTE #1 ABOVE.
  - THE SITE LIGHTING ILLUMINATION LEVELS SHALL BE FIELD VERIFIED BY THE ENGINEER FOR COMPLIANCE WITH NOTE #1 ABOVE, AT THE COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE A DIGITAL CALIBRATED FOOTCANDLE METER AND ANY NECESSARY EQUIPMENT FOR USE DURING THE TEST. ANY ADDITIONAL WORK REQUIRED TO ATTAIN THE FOOTCANDLE LEVELS, PER NOTE #1 ABOVE, SHALL BE PAID BY THE CONTRACTOR.
  - ALL CONDUITS ROUTED UNDERGROUND SHALL BE 24" BELOW GRADE, MINIMUM.
  - MINIMUM SIZE CONDUIT ROUTED UNDERGROUND OR WITHIN FLOOR SLAB SHALL BE 3/4".
  - COORDINATE THE FINAL LOCATION OF THE PAD MTD, XFMR. AND METER, ALL CONDUIT REQ'TS, AND XFMR. PAD WITH THE POWER CO. PRIOR TO BID. PROVIDE ALL WORK AS REQ'D. BY THE POWER CO., NO EXTRA COMPENSATION WILL BE GIVEN THE CONTRACTOR.
  - AFTER BID, FOR REVISIONS REQ'D BY THE POWER CO.
  - ALL CONDUIT SHALL BE ROUTED BELOW UNPAVED AREAS WHEREVER POSSIBLE.
  - COORDINATE THE FINAL LOCATION OF THE INCOMING TELEPHONE CONDUIT WITH THE TELEPHONE CO. PRIOR TO BID. NO EXTRA COMPENSATION WILL BE GIVEN THE CONTRACTOR, AFTER BID, FOR REVISIONS REQ'D BY THE TELEPHONE CO.
  - PROVIDE 120/208V, 3Ø, 4W, METER @ THE PAD MTD XFMR. METER SHALL BE SUPPORTED (4.5' O.A.F.G.) USING UNISTRUT MOUNTING ASSEMBLIES. CURRENT XFMR'S FOR METERING SHALL BE LOCATED WITHIN THE POWER CO. PAD MTD. XFMR. PROVIDE 6-1/2" THWN/CU, 1/2" R.S.S.C. FROM METER UNDERGROUND TO THE CURRENT TRANSFORMERS. COORDINATE W/ POWER CO. PRIOR TO BID.
  - ALL POWER CO. CHARGES SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE.



- NOTES:**
- THE COMPLETE FIXTURE ASSEMBLY (LUMINAIRE, POLE & BASE) SHALL WITHSTAND 120MPH SUSTAINED WIND LOADS. COORD. THIS REQ'T WITH THE FIXTURE MFR.
  - THIS DETAIL IS TYPICAL FOR FIXTURES 'AA', 'BB', 'CC' & 'DD'. W/ DIMENSIONS AS NOTED.

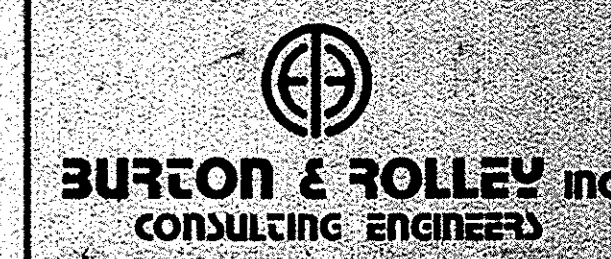
**POLE BASE DETAIL**  
N.T.S.



PINK APARTMENT ROAD

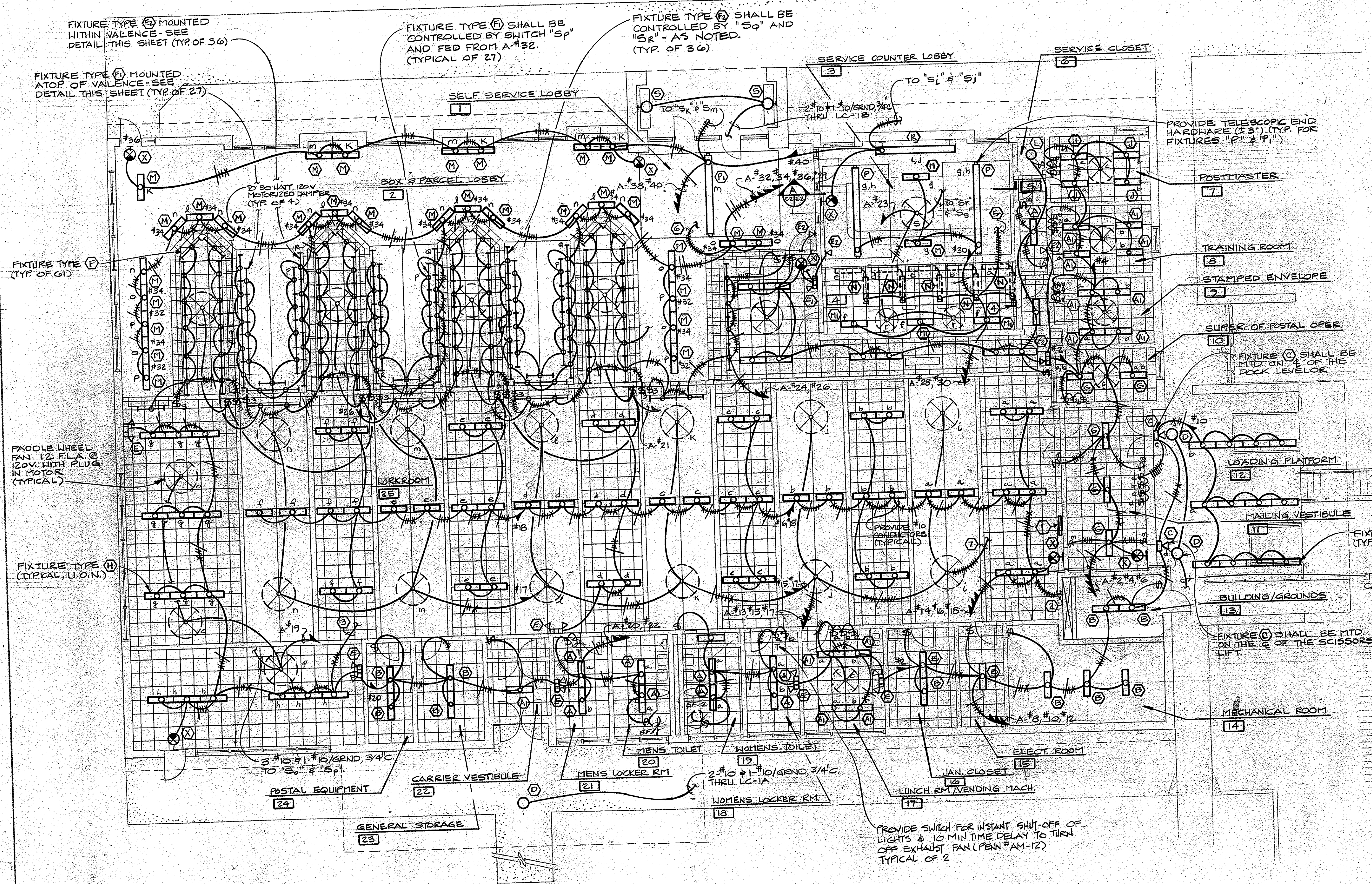
**ELECTRICAL SITE PLAN**

SCALE: 1" = 30'-0"



UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1020

REVISION 2 ISSUED	ELECTRICAL SITE PLAN
REVISION 1 ISSUED	
ISSUED FOR CONSTRUCTION	
ISSUED FOR APPROVAL	
ISSUED FOR REVIEW	
APPROVED BY	Lunz and Associates, Inc. ARCHITECTS
CHECKED BY	
DRAWN BY	24 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 832-1892
	E-1

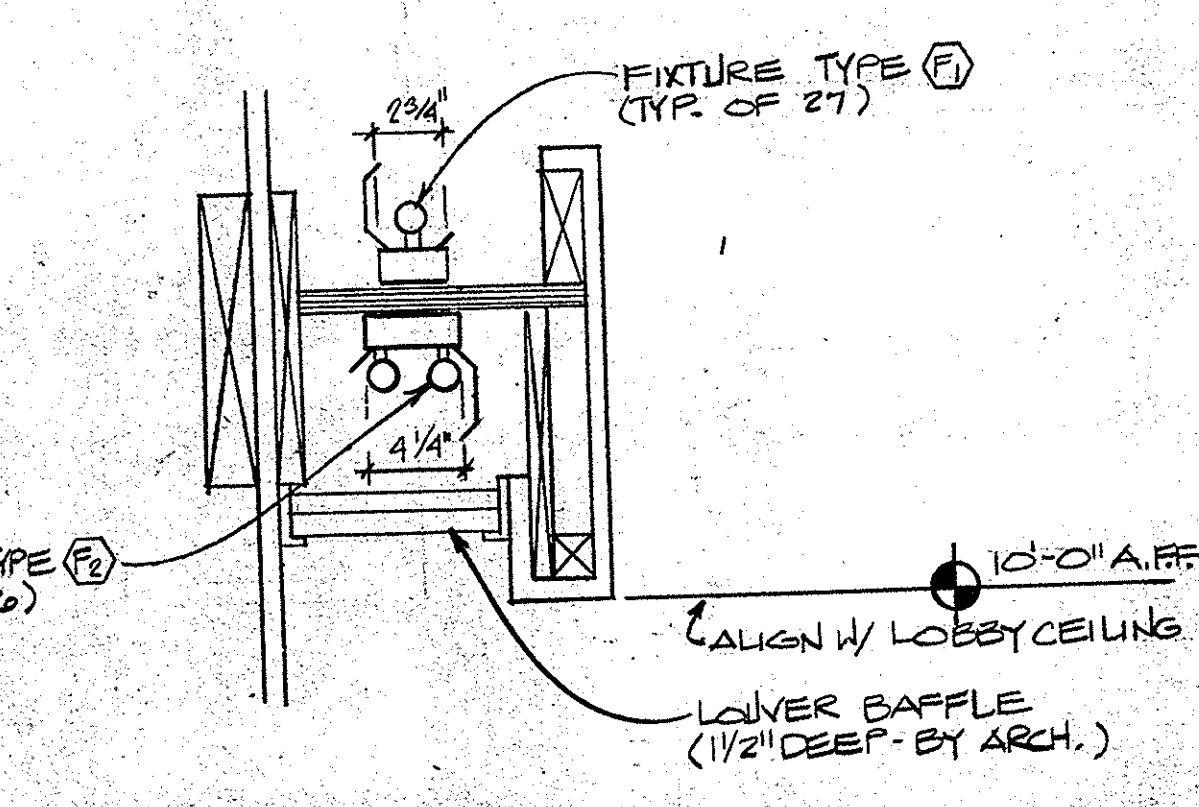


**FLOOR PLAN - LIGHTING**  
SCALE: 1/8" = 1'-0"

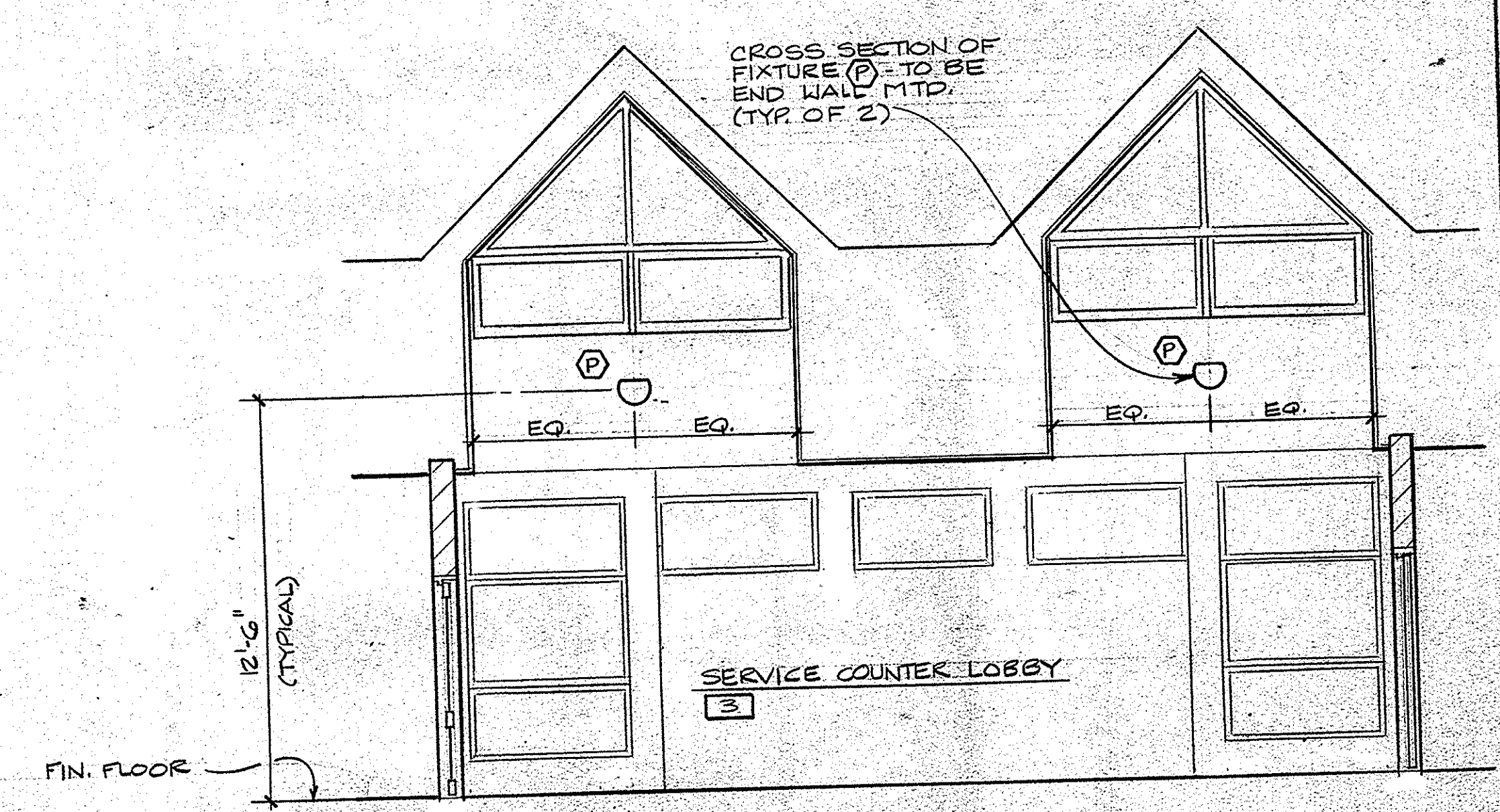
- AND PROVIDE 1" THRU 1/2" COVERPLATES @ 48" A.F.F.
- 3. #10-1-10/GRND, 1" C. TO SWITCHES "k" THRU "r"
- 4. LOCATION OF LOBBY SWITCHES "a" THRU "j", "k" THRU "s". PROVIDE ONE 10 GANG COVERPLATE, ONE 9 GANG COVERPLATE.
- 5. #10-1-10/GRND, 1" C. TO SWITCHES "a" THRU "h"
- 6. #10-1-10/GRND, 1" C. TO SWITCHES "l", "n" & "o" SHALL BE FED FROM CKT. A-#34. SWITCH "p" SHALL BE FED FROM CKT. A-#32. SWITCHES "q" & "r" SHALL BE FED FROM CKT. A-#29 & #36 RESPECTIVELY
- 7. #10-1-10/GRND, 1" C. TO SWITCHES "c" THRU "m"

**GENERAL NOTES**

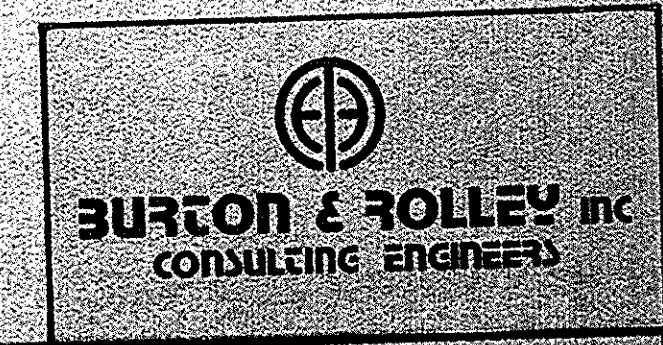
1. ALL FIXTURES IN WORKROOM SHALL BE FIXTURE TYPE (B), UNLESS OTHERWISE NOTED
2. PROVIDE PADDLE FANS AS FOLLOWS:
  - A. WORKROOM (#25) 52" HUNTER ORIGINAL #25572 PENDANT MTD. @ 16'-0" A.F.F.
  - B. ROOM NOS #4 (2 REQ'D) #18, #9, #10 & #17 42" DIA HUNTER ORIGINAL #25526 SURFACE MTD.
  - C. ALL OTHER AREAS - 52" DIA HUNTER ORIGINAL #25572, SURFACE MTD.



**LOBBY VALANCE LIGHT DETAIL**  
N.T.S.  
(SEE ARCHITECTURAL DRAWINGS)



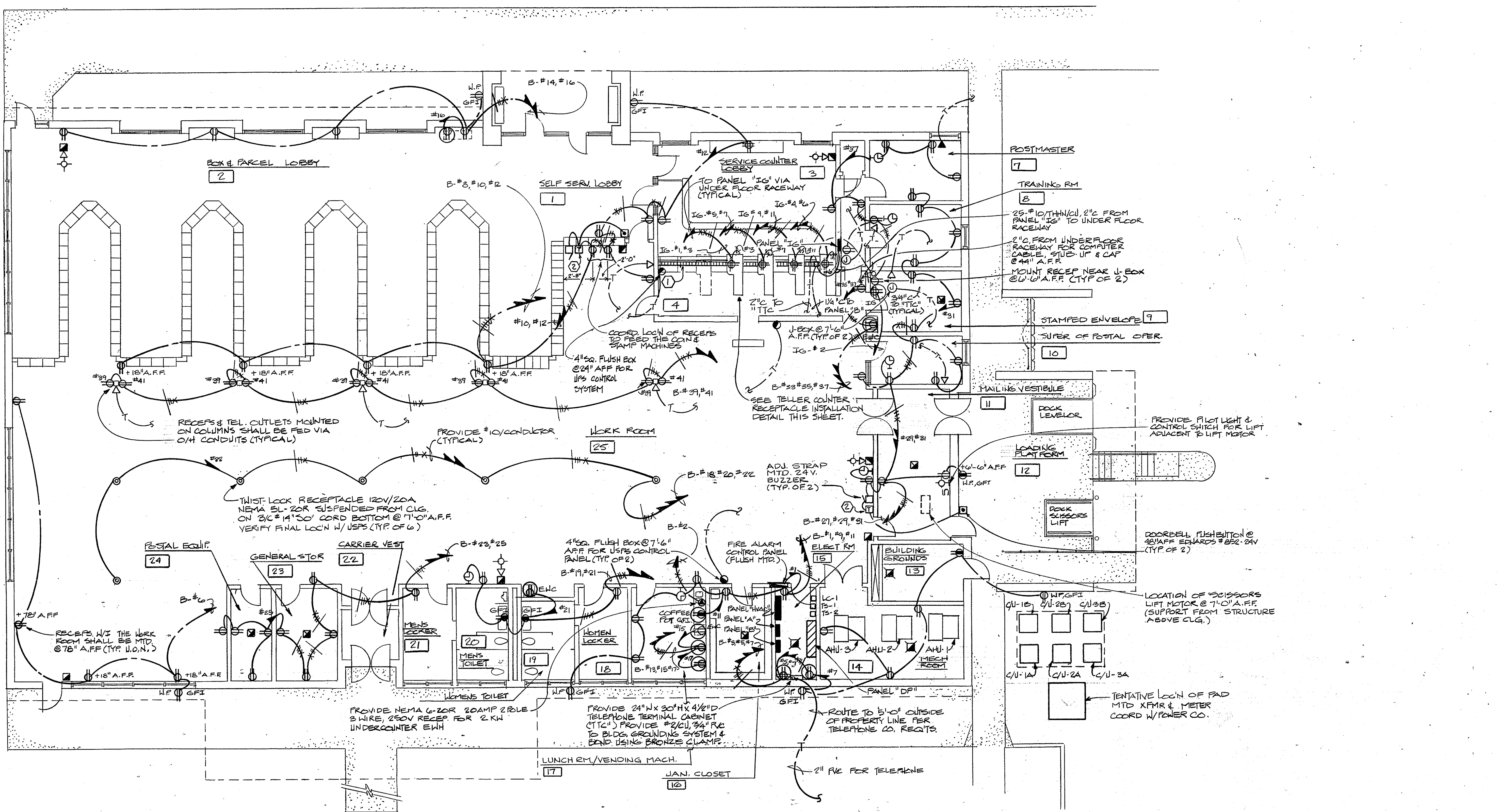
**SECTION A**  
SCALE: 1/4" = 1'-0"



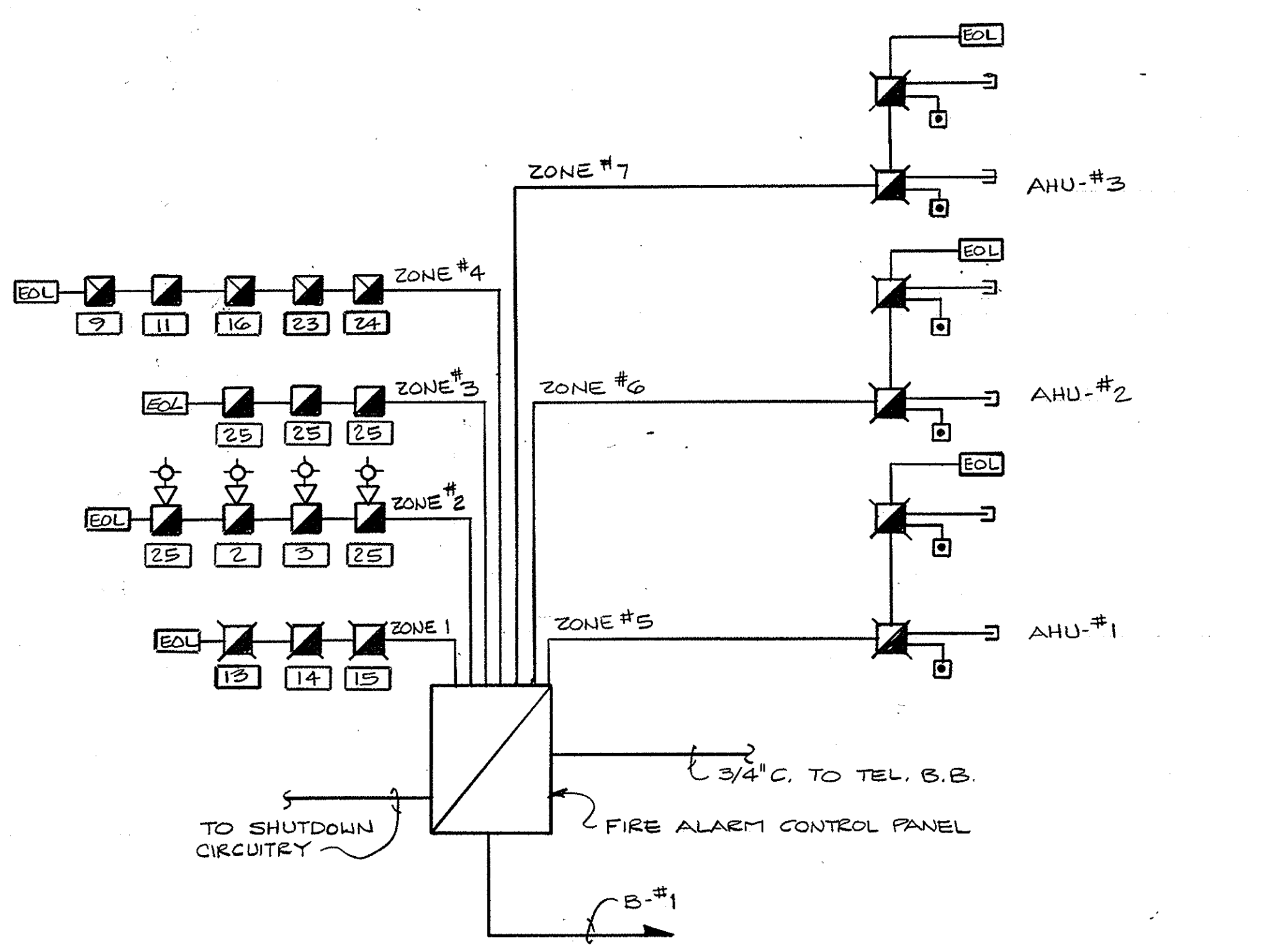
**UNITED STATES POSTAL SERVICE**  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1020

REVISION 2 - ISSUED	<b>FLOOR PLAN - LIGHTING</b> <b>NEW MAIN POST OFFICE</b> <b>DAVENPORT, FLORIDA</b>  <b>Lutz and Associates, Inc.</b> ARCHITECTS 44 LAKE MORTON DRIVE LAKE LAKE, FLORIDA 33409	E-2
REVISION 1 - ISSUED		
ISSUED FOR CONSTRUCTION		
ISSUED FOR APPROVAL		
ISSUED FOR REVIEW		
APPROVED BY:		
CHECKED BY: <i>AK</i>		
DRAWN BY: <i>PLD</i>		

- PROVIDE 2 SECTION (2 X 3.75 IN) UNDERFLOOR RACEWAY FOR POWER & TELEPHONE. PROVIDE 3/4" HIGH INSERTS FOR BOTH SECTIONS @ 12" O.C. ALL HARDWARE & DUCT SUPPORTS W/ LEVELING LEGS. SQUARE 'D' OR WALKER. COORD LOC'N OF DUCT SYSTEM W/ FIELD CONDITIONS & THE ARCHITECT PRIOR TO POURING OF FLOOR SLAB.
- PROVIDE 120/24V XFMTR. FOR DOORBELL. EDWARDS #592 (TYP OF 2)

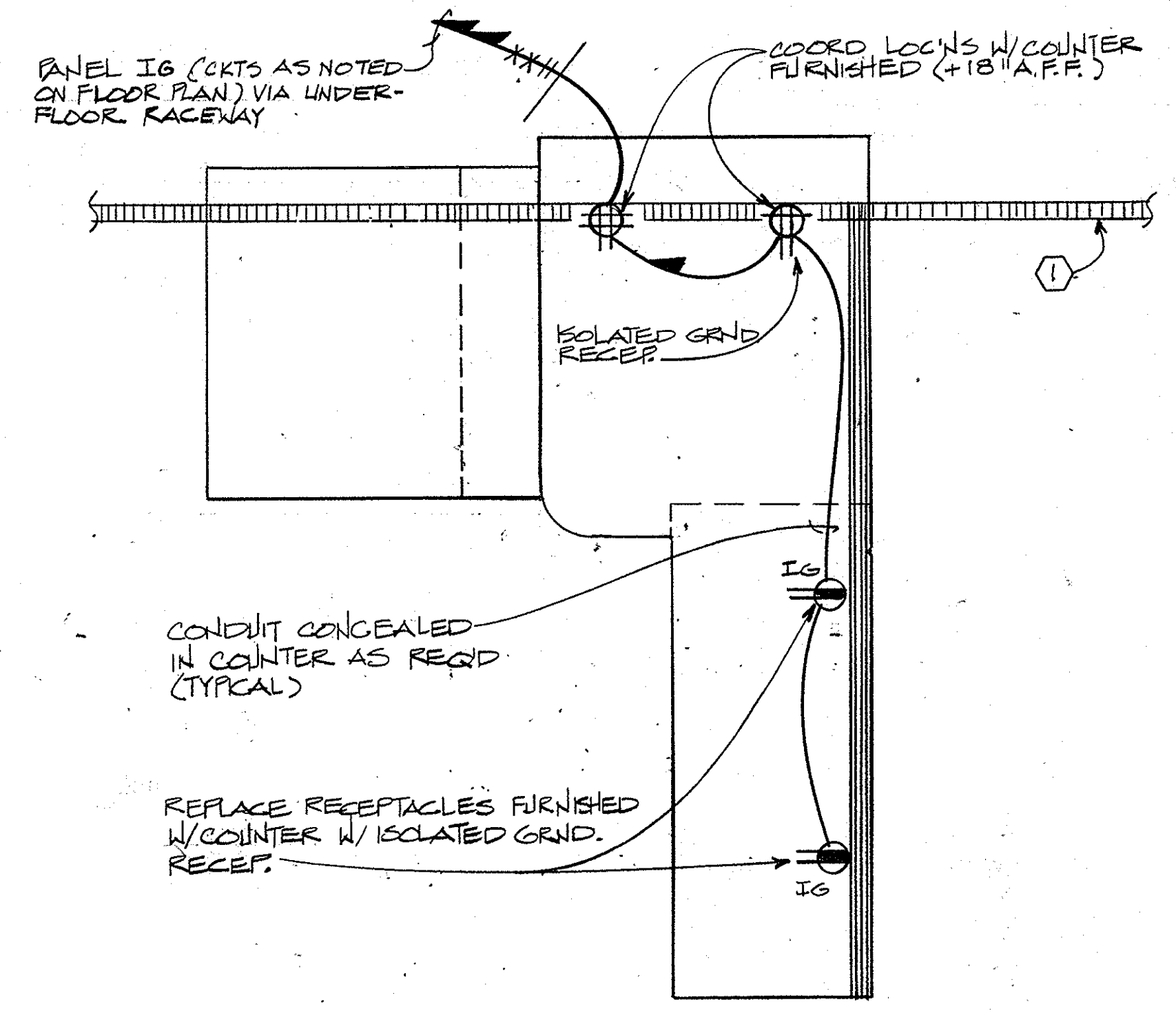


FLOOR PLAN-POWER & MISC.  
SCALE: 1/8" = 1'-0"

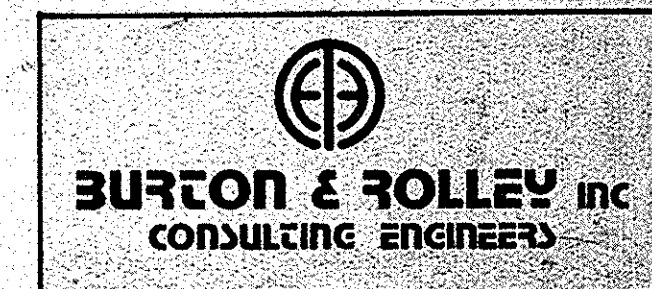


FIRE ALARM RISER DIAGRAM  
N.T.S.

- FIRE ALARM NOTES**
- THE FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATOR SHALL HAVE THE CAPACITY TO HANDLE 12 ZONES TOTAL. THE CONTROL PANEL SHALL BE FACTORY LABELED, USING PHENOLIC SIGNS, ENGRAVED AS FOLLOWS:  
 ZONE #1 FULL STATIONS  
 ZONE #2 COMBINATION HORNS AND LIGHTS  
 ZONE #3 SMOKE DETECTORS  
 ZONE #4 HEAR DETECTORS  
 ZONE #5 AIR HANDLER #1  
 ZONE #6 AIR HANDLER #2  
 ZONE #7 AIR HANDLER #3  
 ZONE #8 THROUGH #12 - SPARES
  - UPON ACTIVATION OF A GENERAL ALARM, AHU-1, AHU-2 AND AHU-3 SHALL SHUT DOWN. COORDINATE SHUTDOWN CIRCUITRY WITH THE MECHANICAL CONTRACTOR. PROVIDE ALL WORK ASSOCIATED WITH THE REQUIRED SHUTDOWNS.
  - PROVIDE DUCT TYPE SMOKE DETECTORS (WITH REMOTE TEST STATIONS) WITHIN THE SUPPLY AND RETURN DUCTS OF AHU-1, AHU-2 AND AHU-3. REMOTE TEST STATIONS SHALL BE KEY OPERATED AND LOCATED IN REDILY ACCESSIBLE LOCATIONS. COORDINATE LOCATION WITH OWNER.
  - MINIMUM SIZE CONDUIT SHALL BE 3/4". ALL WORK SHALL BE PROVIDED ACCORDANCE WITH ALL APPLICABLE CODES AND PERTINENT SECTIONS OF THE SPECIFICATIONS.
  - ALL CONDUCTOR TERMINATIONS SHALL BE MADE WITH INSULATED FORKED-TONGUE CRIMP-TYPE TERMINALS.
  - ALL DETECTOR AND AUDIBLE ALARM DEVICE CIRCUITS ARE SUPERVISED. THEREFORE, NO PARALLEL BRANCHING OF DEVICES IS PERMISSIBLE.
  - WIRING BETWEEN DETECTOR BASES AND ALSO BETWEEN MAIN CONTROL PANEL AND FIRST DETECTOR BASE OF EACH NEW ZONE SHALL BE CONTINUOUS WITHOUT SPLICE, SOLDER CONNECTIONS OR OTHER TYPE CONNECTIONS.
  - CONTRACTOR SHALL MEGGER EACH PAIR OF ZONE WIRES PRIOR TO CONNECTING TO ANY EQUIPMENT. EACH PAIR OF WIRES SHALL BE TESTED LINE TO LINE AND LINE TO GROUND. MINIMUM RESISTANCE SHALL BE 10 MEGOHMS. WIRES FOR HORN CIRCUIT SHALL BE MEGGERED LINE TO GROUND ONLY. DO NOT MEGGER LINE TO LINE WITH DETECTORS IN CIRCUIT.
  - DETECTOR AND AUDIBLE ALARM DEVICE CIRCUIT POLARITY MUST BE OBSERVED.

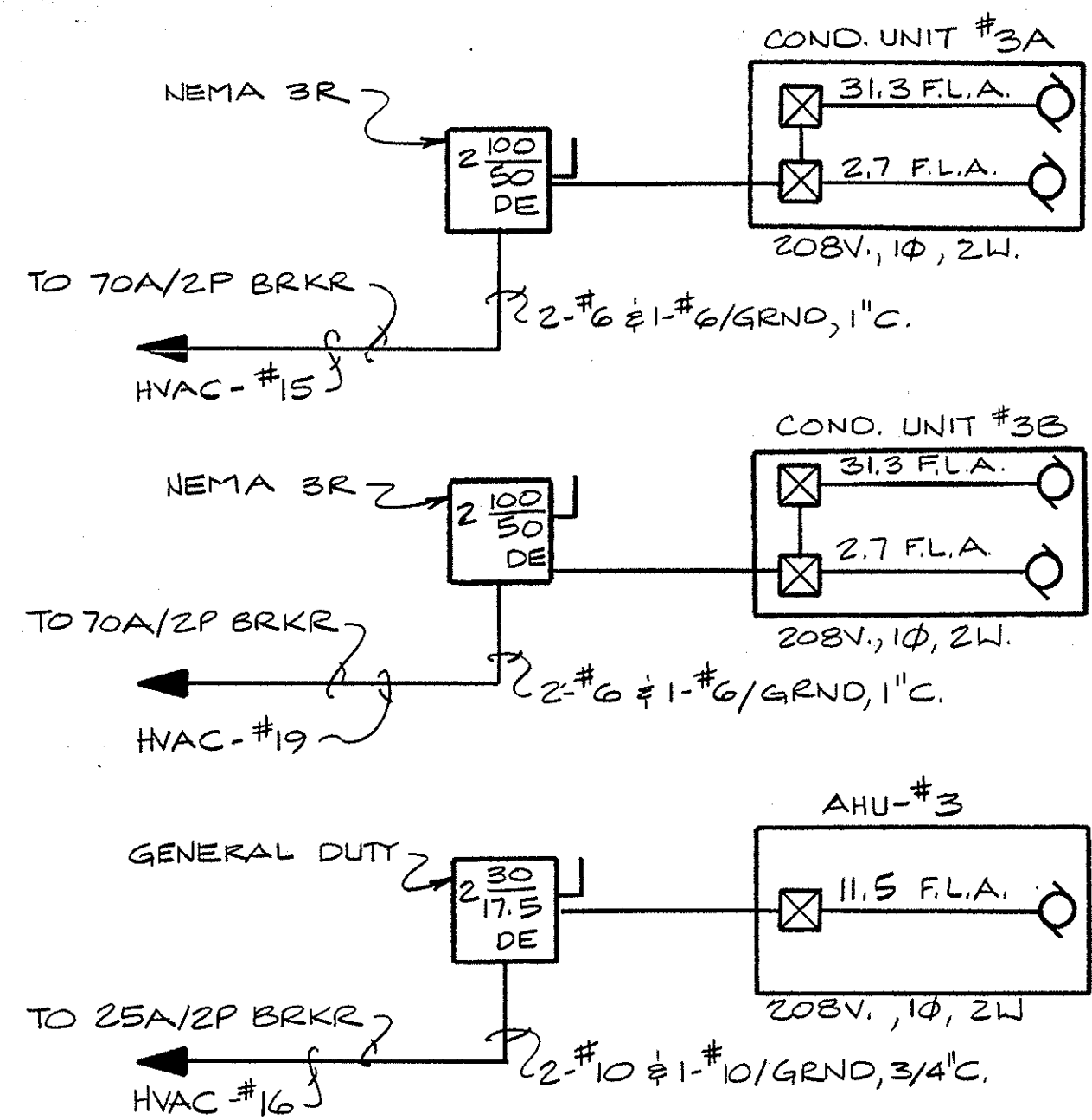


TELLER COUNTER RECEPTACLE INSTALLATION DETAIL  
N.T.S.  
(TYPICAL OF 4 LOCATIONS)



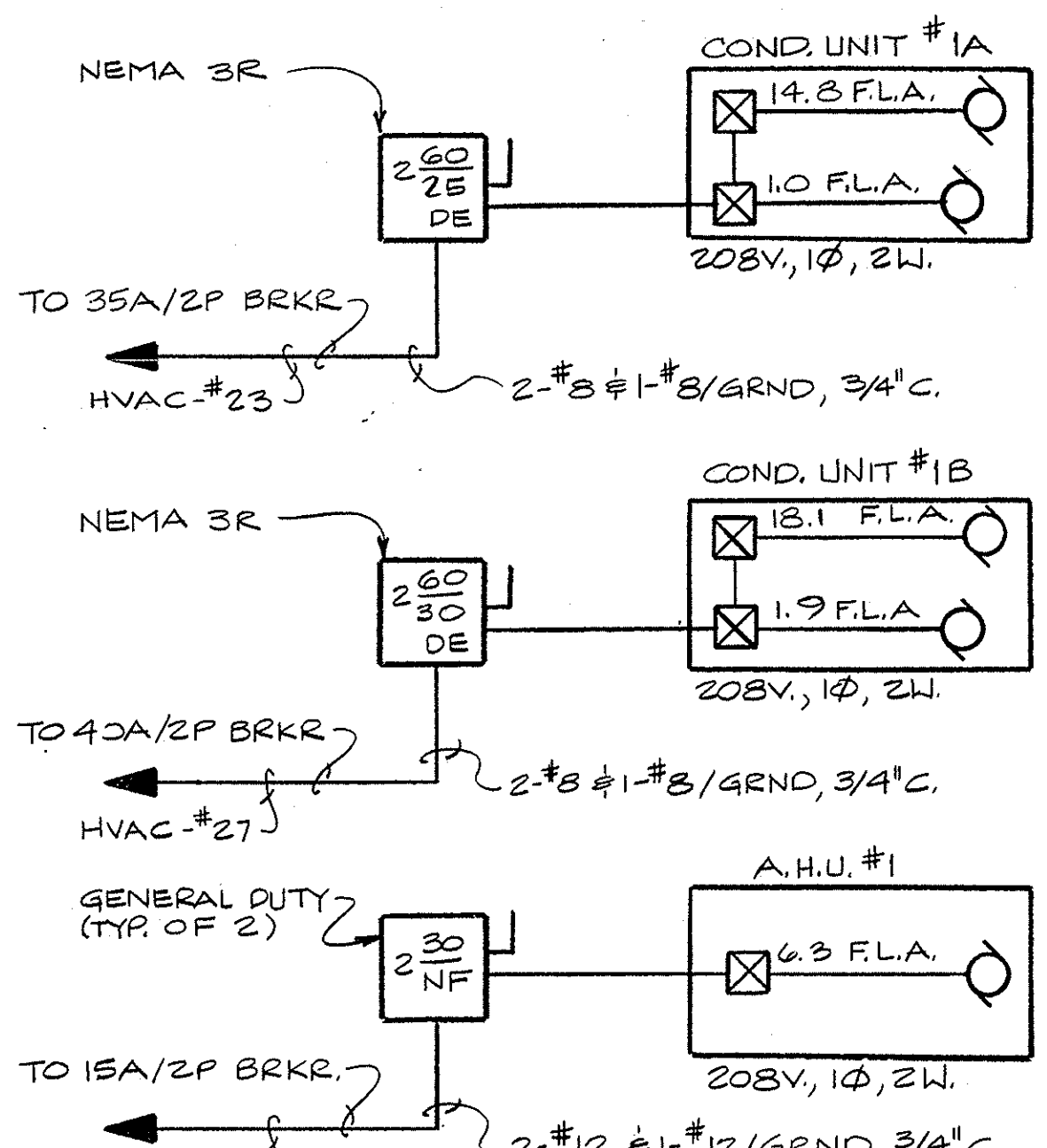
UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1020

REVISION 2 ISSUED	FLOOR PLAN-POWER & MISC.
REVISION 1 ISSUED	NEW MAIN POST OFFICE
ISSUED FOR CONSTRUCTION	DAVENPORT, FLORIDA
ISSUED FOR APPROVAL	
ISSUED FOR REVIEW	
APPROVED BY	Lunz and Associates, Inc. ARCHITECTS
CHECKED BY	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 882-1882
DRAWN BY	8721



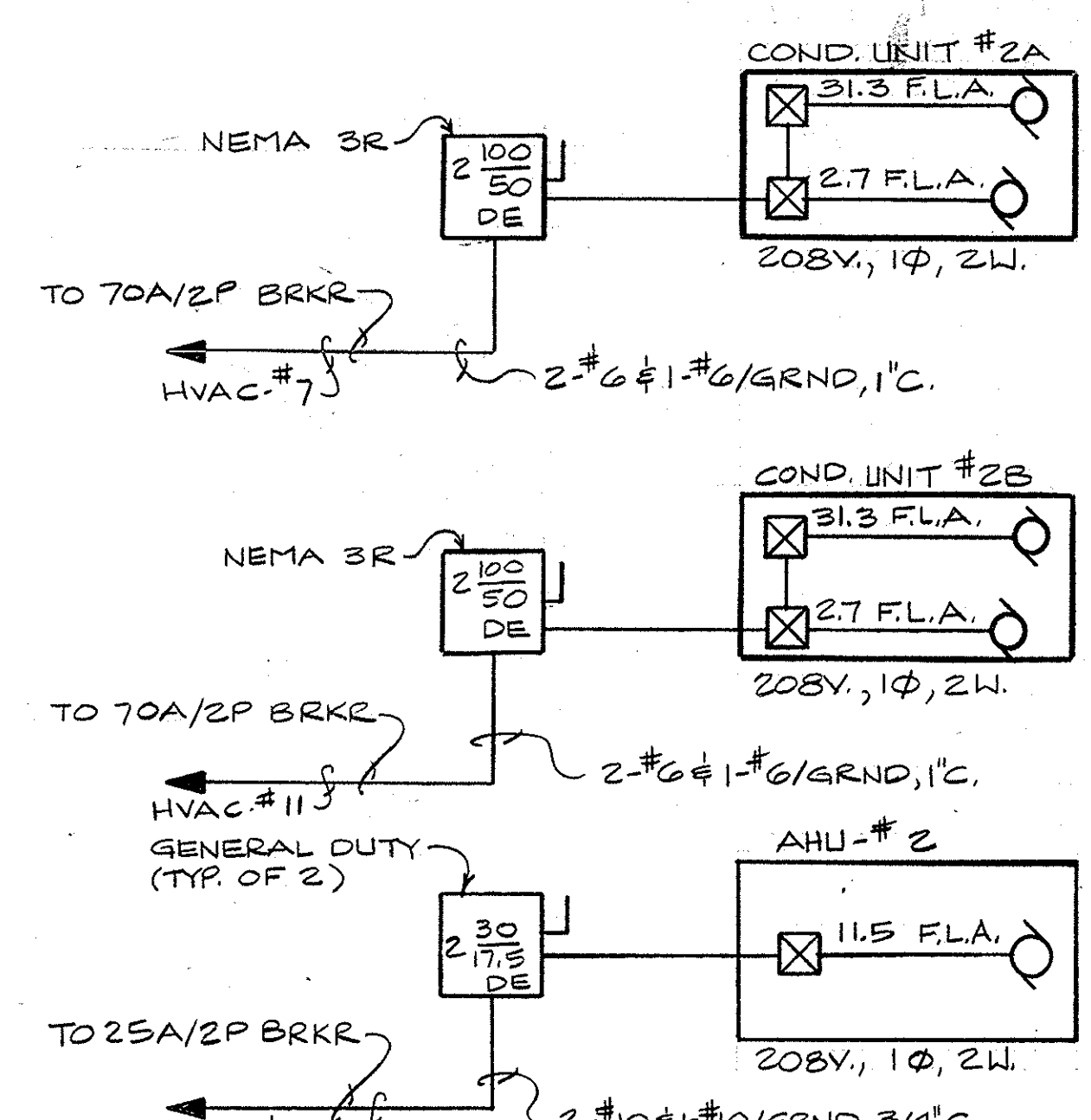
NOTES:  
 #1. COORD. EQUIP. RATINGS AND LOC'NS W/ MECH. CONTR.  
 #2. THIS UNIT IS A HEAT PUMP.

**HVAC RISER DIAGRAM - UNIT 3**  
 N.T.S.



NOTES:  
 #1. COORD. EQUIP. RATINGS AND LOC'NS W/ MECH. CONTR.  
 #2. THIS UNIT IS A HEAT PUMP.

**HVAC RISER DIAGRAM - UNIT #1**  
 N.T.S.

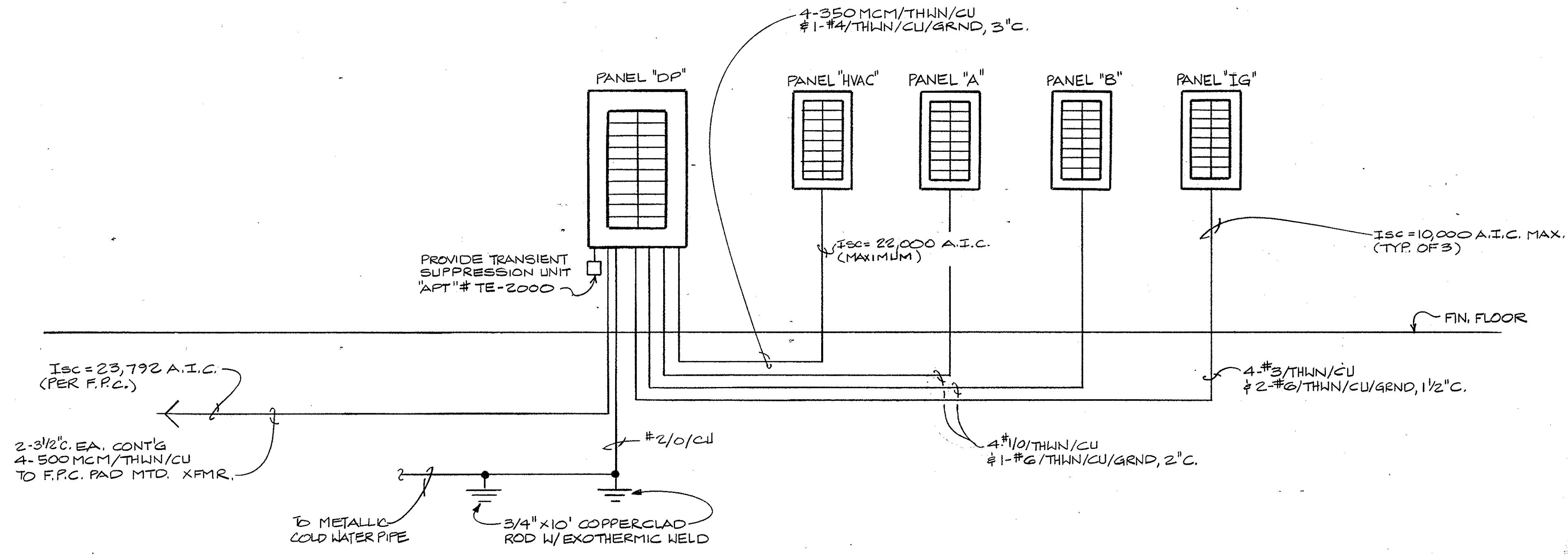


NOTES:  
 #1. COORD. EQUIP. RATINGS AND LOC'NS W/ MECH. CONTR.  
 #2. THIS UNIT IS A HEAT PUMP.

**HVAC RISER DIAGRAM - UNIT #2**  
 N.T.S.

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
[Symbol]	FLUORESCENT FIXTURE - CEILING MTD.
[Symbol]	FLUORESCENT FIXTURE - WALL MTD.
[Symbol]	INCAND FIXTURE - CEILING MTD.
[Symbol]	INCAND FIXTURE - WALL MTD.
[Symbol]	INCAND SPOT OR FLOODLIGHT
[Symbol]	EXIT LIGHT - TOP MOUNTED
[Symbol]	EXIT LIGHT - BACK MOUNTED
[Symbol]	SINGLE POLE SWITCH 20A, 120/277V, TOP @ 48" A.F.F.
[Symbol]	DOUBLE POLE SWITCH 20A, 120/277V, TOP @ 48" A.F.F.
[Symbol]	THREE WAY SWITCH 20A, 120/277V, TOP @ 48" A.F.F.
[Symbol]	INCAND. ROTARY DIMMER, TOP @ 48" A.F.F.
[Symbol]	20A, 125V, 3 WIRE DUPLEX GROUNDING RECF, TOP @ 18" A.F.F.
[Symbol]	DUPLEX RECF, TOP @ 48" A.F.F. OR 6" ABOVE COUNTER, U.O.N.
[Symbol]	20A, 125V, 3 WIRE DUPLEX RECF FED FROM DEDICATED CIRCUIT.
[Symbol]	QUADRAFLX ISOLATED GROUNDING RECF 20A, 125V, 3W
[Symbol]	SPECIAL PURPOSE RECF, RATING AS SHOWN
[Symbol]	JUNCTION BOX - SIZED PER NEC-1987.
[Symbol]	4" SQ. TELEPHONE WALL OUTLET - TOP @ 18" A.F.F.
[Symbol]	4" SQ. TELEPHONE WALL OUTLET @ 48" A.F.F. OR 6" ABOVE COUNTER
[Symbol]	CONDUIT CONCEALED ABOVE CLG. OR IN WALL SPACE.
[Symbol]	CONDUIT IN SLAB OR UNDERGROUND.
[Symbol]	CONDUIT EXPOSED
[Symbol]	TELEPHONE CONDUIT - CONCEALED
[Symbol]	TELEPHONE CONDUIT - UNDERGROUND OR IN SLAB
[Symbol]	120V, 1Ø, CIRCUIT HOMERUN FROM 1 POLE BRKR.
[Symbol]	208V, 1Ø, CIRCUIT HOMERUN FROM 2 POLE BRKR.
[Symbol]	208V, 3Ø, CIRCUIT HOMERUN FROM 3 POLE BRKR.
[Symbol]	SLASH MARKS DENOTE NUMBER OF WIRES; LONG-NEUTRAL; X-GROUND. NO SLASHES IDENTIFIES 3-#12, 1/2" C.
[Symbol]	MOTOR, 2 HP
[Symbol]	FIRE ALARM PULL STATION - TOP @ 48" A.F.F.
[Symbol]	FIRE ALARM PHOTO-ELECTRIC SMOKE DETECTOR - CLG MTD.
[Symbol]	COMBINATION FIRE ALARM HORN & LIGHT. MOUNT IN SEPARATE OUTLET BOXES @ 12" BELOW CLG.
[Symbol]	FIRE ALARM PHOTO-ELECTRIC SMOKE DETECTOR WITH REMOTE TEST - DUCT MTD. COORD. LOC'N OF REMOTE TEST IN FIELD.
[Symbol]	CLOCK OUTLET AT 12" BELOW CEILING.
[Symbol]	A.F.F. ABOVE FINISHED FLOOR.
[Symbol]	G.F.I. GROUND FAULT INTERRUPTER
[Symbol]	U.O.N. UNLESS OTHERWISE NOTED.
[Symbol]	W.P. WEATHER PROOF
[Symbol]	H.P.R.S. HORSEPOWER RATED SWITCH.
[Symbol]	GRND. GROUND
[Symbol]	DE DIAL ELEMENT

DRAWING NOTES

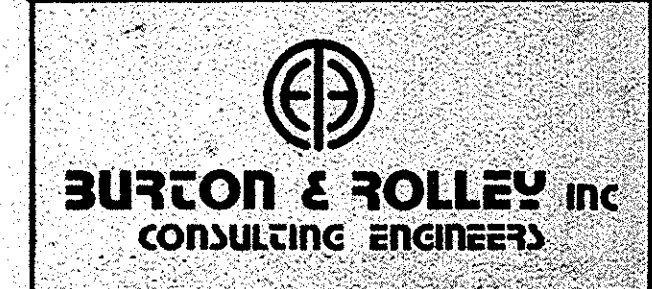


**ONE LINE DIAGRAM**  
 N.T.S.

bus amps	LOAD	poles	amps	bus	LOAD	bus amps
A B C				ABC	A B C	A B C
207	PANEL "HVAC"	3	300	1	PANEL "A"	116
21		1		2		103
21	PANEL "IG"	3	100	7	PANEL "B"	95
27		1		8		95
	SPARE	3	125	13	SPARE	85
		1		14		
	SPACE				SPACE	

RATED VOLTAGE: 120/208V, 3 PHASE, 4 WIRE | BRANCH POLES: 20  
 RATED AMPS: 600 | CABINET: SURFACE | 600A/3P MAIN CIRCUIT BREAKER \*  
 FULL NEUTRAL BUS | GROUND BUS | HINGED DOOR | KEYED DOOR LATCH  
 CIRCUIT BREAKER (BOLT-IN) BRANCH DEVICES | FEED IS TO BE: BOTTOM  
 ALL BRKRS. MUST BE RATED TO INTERRUPT A SHORT CIRCUIT I<sub>sc</sub> OF 42,000 AMPS SYMM.  
 APPROVED MFR'S: WESTINGHOUSE, SQ. D., G.E., ITE/SEMIENS | MAIN LUGS: 2 SETS; SIZE: 350MCM/THIN CU  
 TOTAL AMPS: BUS A 445 | BUS B 436 | BUS C 425 | CONNECTED KVA 157.2 | DEMAND KVA 119.6

\* PROVIDE CIRCUIT BREAKER ILL. LISTED AS CIRCUIT LIMITING  
 \* PROVIDE 100% RATED SOLID STATE TOTALLY ADJUSTABLE MAIN BREAKER (LONG TIME, SHORT TIME, INSTANTANEOUS)

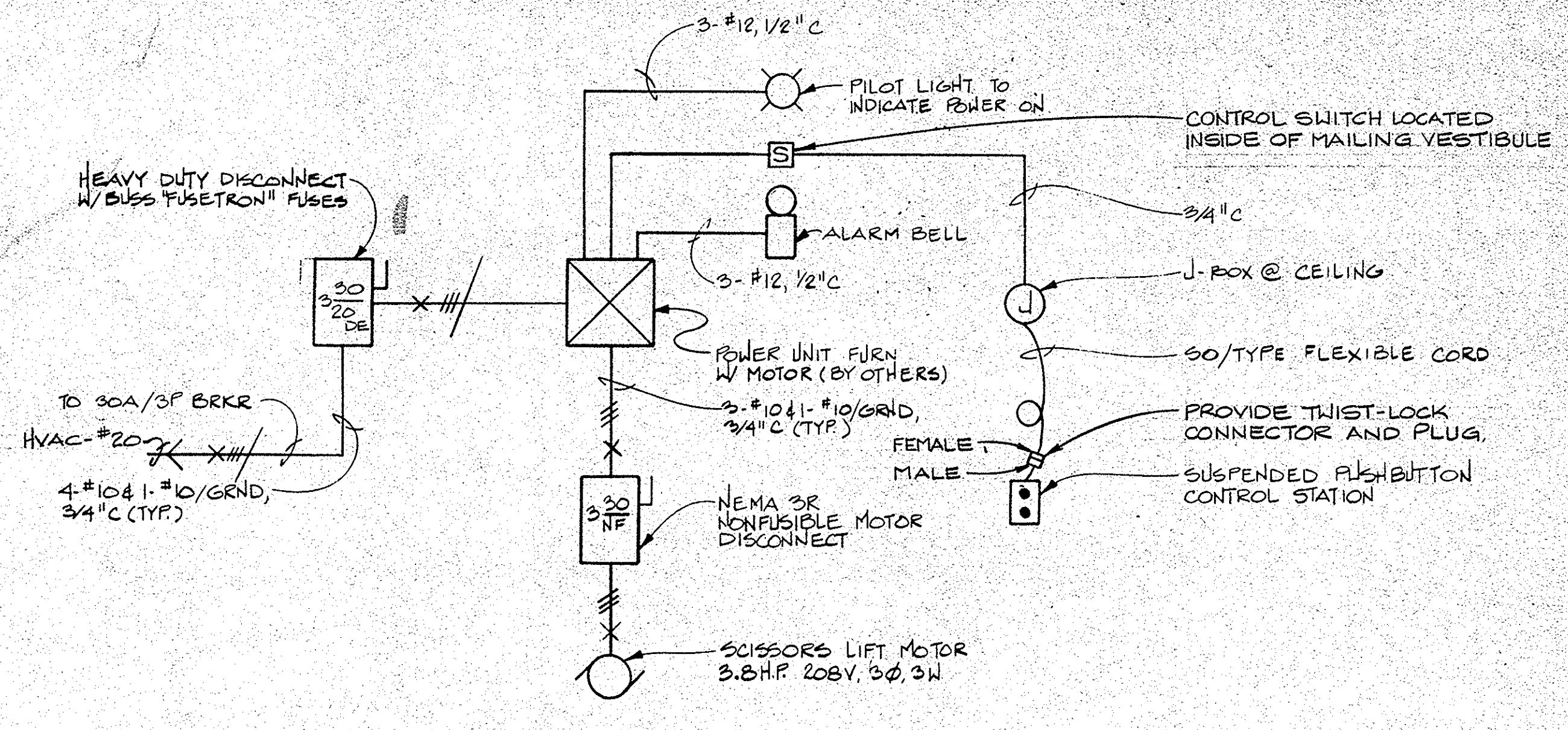
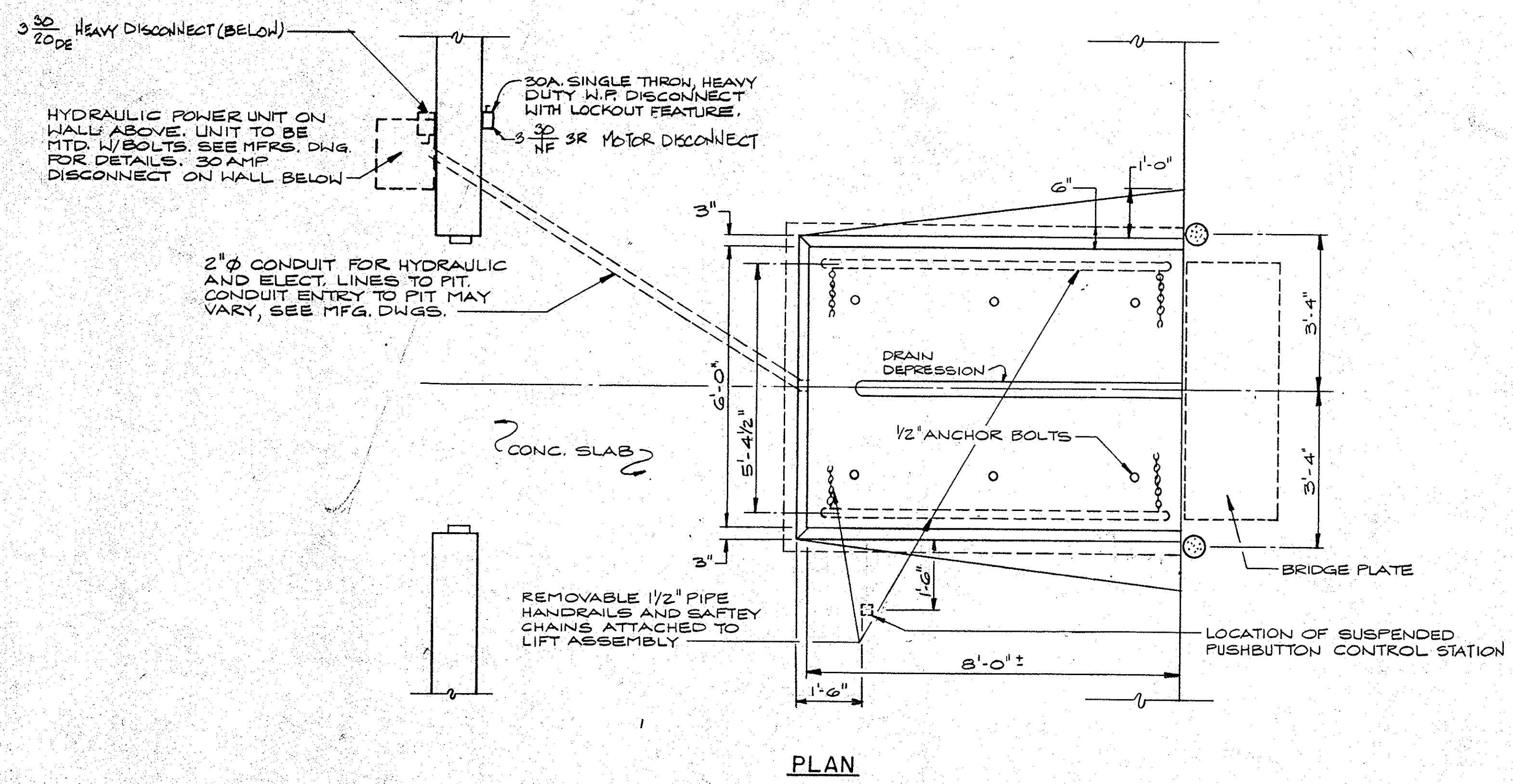


UNITED STATES POSTAL SERVICE  
 FACILITIES SERVICE OFFICE  
 5511 EXECUTIVE DRIVE, SUITE 133  
 TAMPA, FLORIDA 33609-1020

REVISION 2 ISSUED	DIAGRAMS, SCHEDULES & LEGEND
REVISION 1 ISSUED	NEW MAIN POST OFFICE
ISSUED FOR CONSTRUCTION	1/16
ISSUED FOR APPROVAL	9/1/87
ISSUED FOR REVIEW	
APPROVED BY	Lunz and Associates, Inc. ARCHITECTS
CHECKED BY	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 16131 882-1682
DRAWN BY	PTB

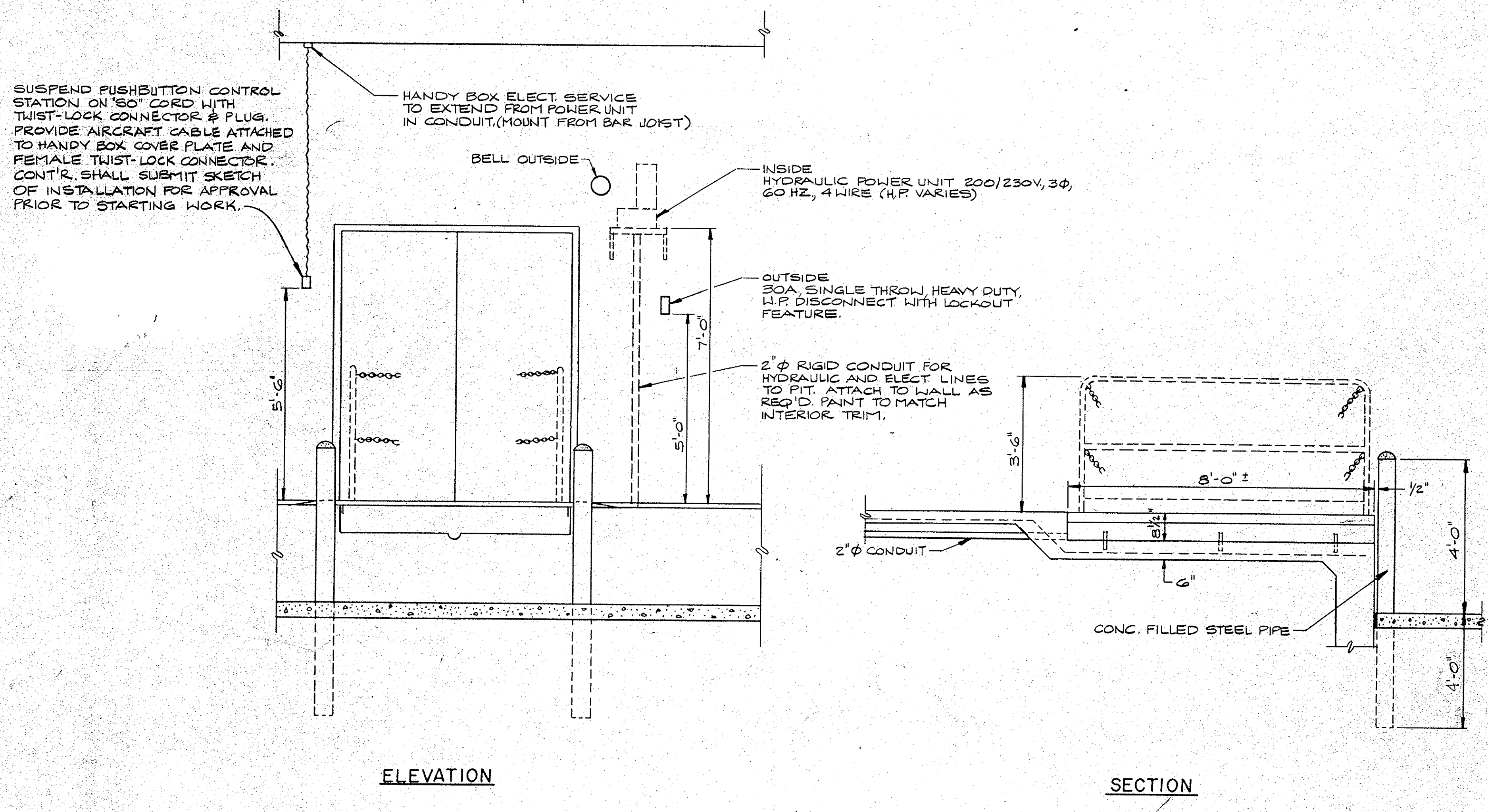




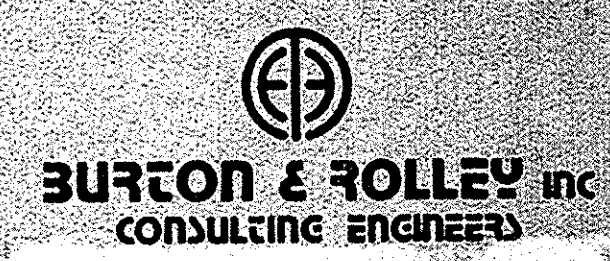


NOTE: POWER UNIT, PILOT LIGHT, BELL, SUSPENDED PUSHBUTTON CONTROL STATION & MOTOR FURNISHED BY OTHERS, BUT INSTALLED BY THE ELECTRICAL CONTRACTOR

SCISSORS LIFT WIRING DIAGRAM  
N.T.S.



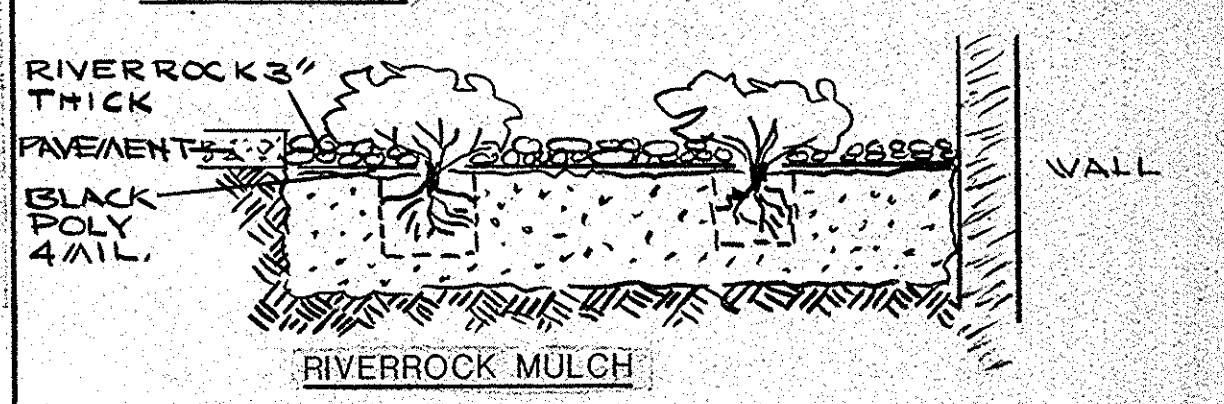
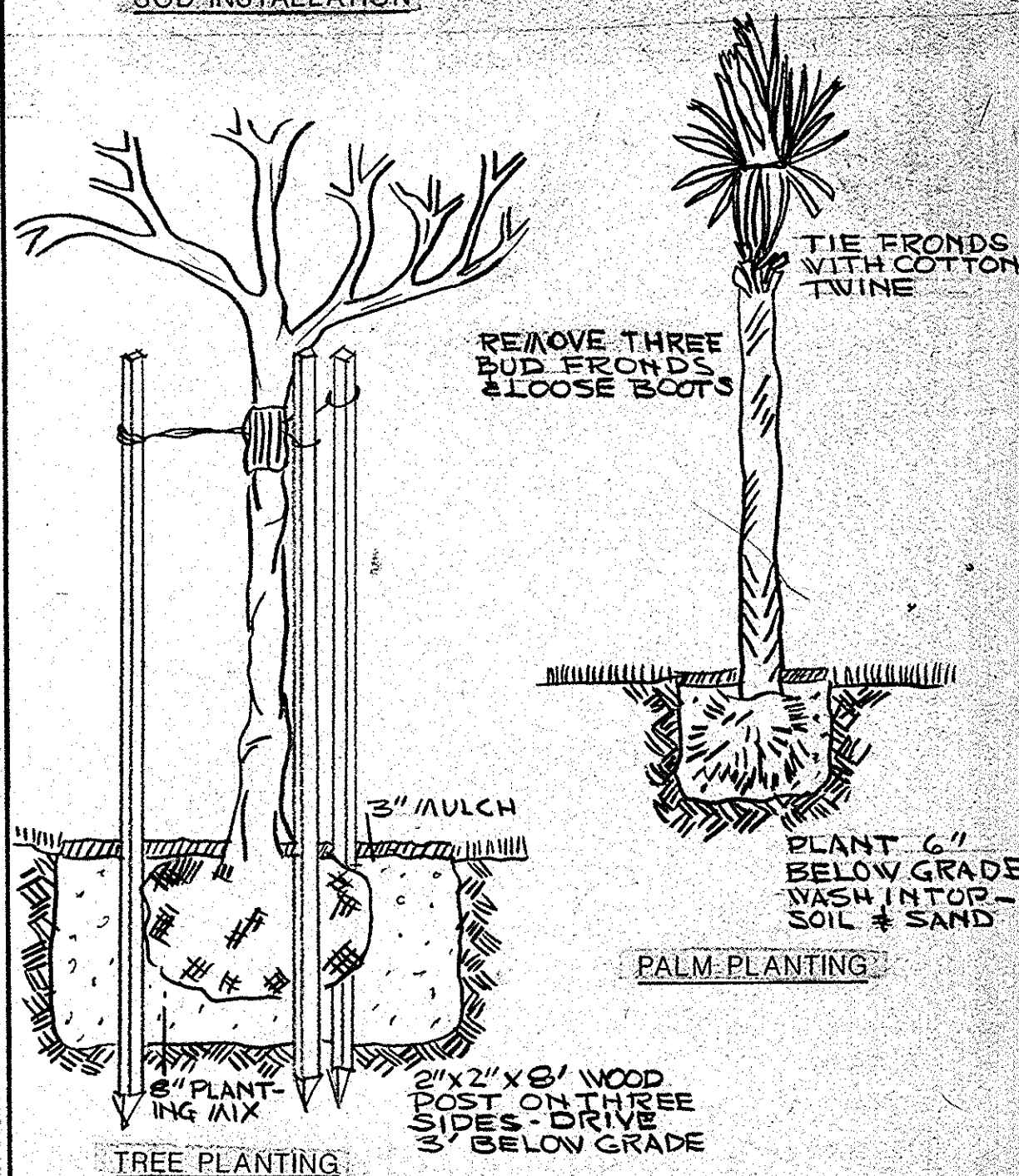
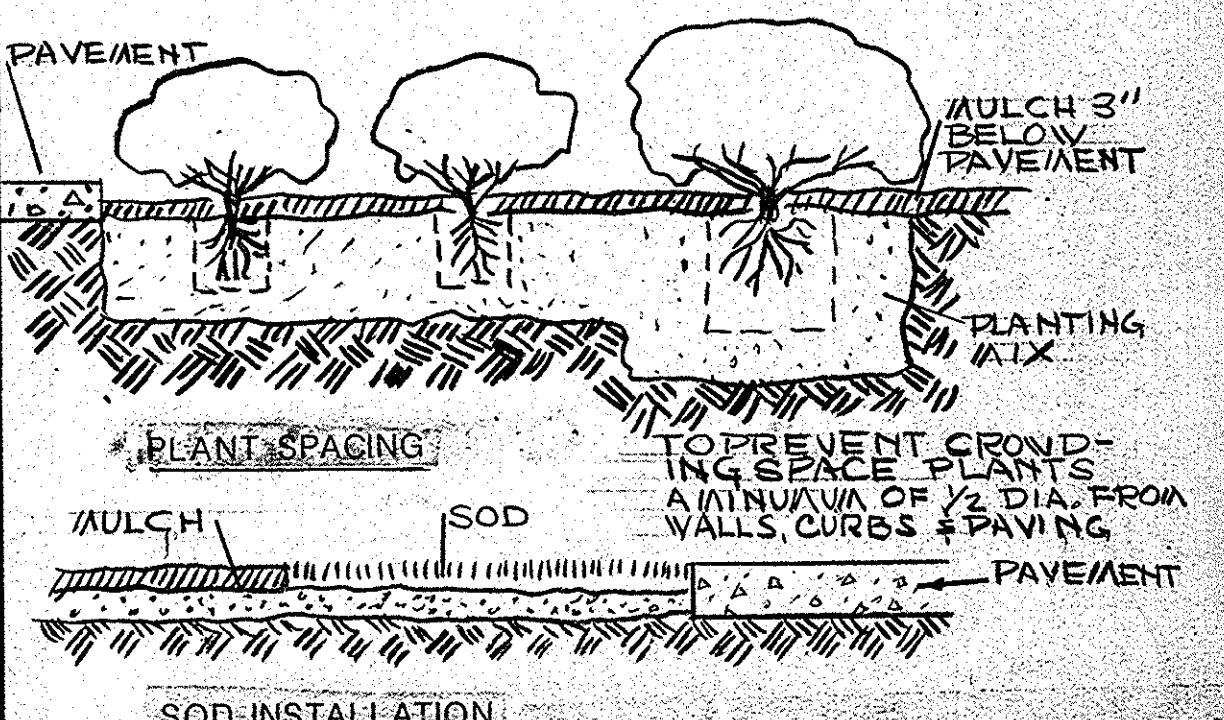
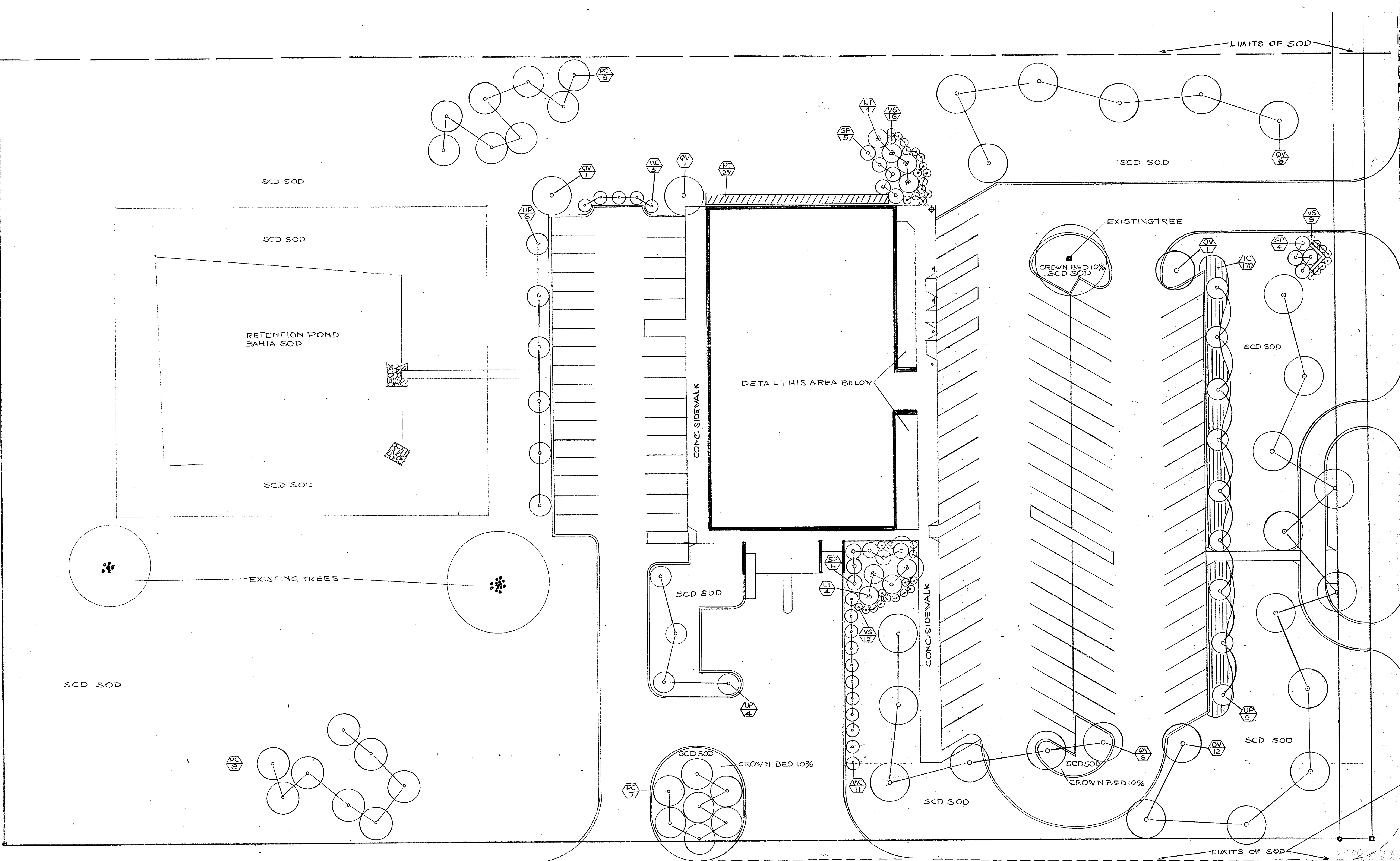
TYPICAL SCISSOR LIFT DETAILS  
N.T.S.



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TAMPA, FLORIDA 33609-1020

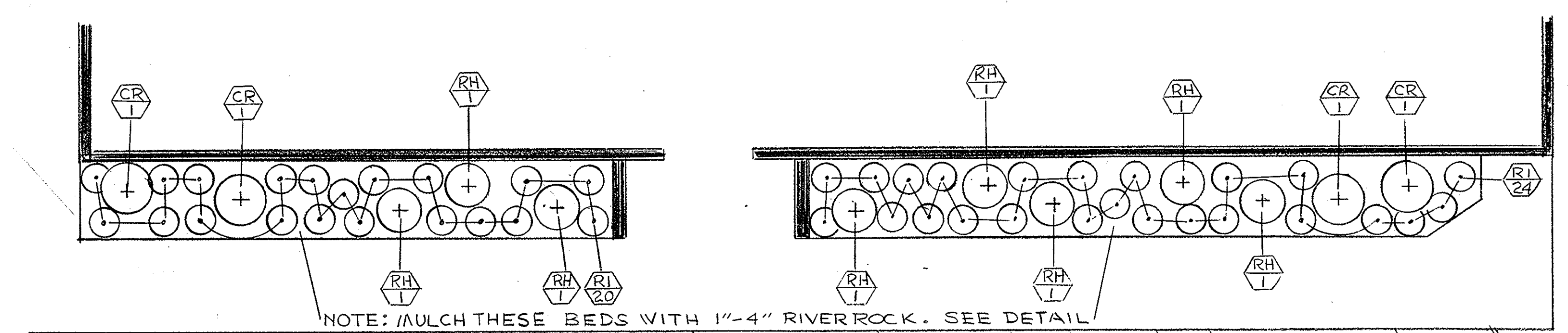
REVISION 2 ISSUED:	SCISSORS LIFT DETAILS
REVISION 1 ISSUED:	NEW MAIN POST OFFICE
ISSUED FOR CONSTRUCTION:	DAVENPORT, FLORIDA
ISSUED FOR APPROVAL:	
ISSUED FOR REVIEW:	
APPROVED BY:	Lunz and Associates, Inc. ARCHITECTS
CHECKED BY:	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 662-1882
DRAWN BY:	E-6

ID.	NAME AND SIZE	SPACING	QUANTITY
CR	Cycas Revoluta 30"-36" (Dwarf Sago)	As Shown	4
IC	Ilex Cornuta Burfordii Nana 18"-24" x 12"-18"	36" o.c. Diagonal	170
LI	Lagerstroemia Indica (Crepe Myrtle) 6'-8' x 3'-4'	As Shown	8
MC	Myrica Carifera (Wax Myrtle) 5'-6' x 3'-4'	8' o.c.	16
PC	Pinus Cpribaes (Slash Pine) 6'-8' x 3'-4'	As Shown	23
PT	Pittosporum Tobira (Green Pitt.) 2'-3' x 2'-3'	48" o.c. Diagonal	29
OV	Quercus Viciniana (Live Oak) 10'-12' x 3'-4'	As Shown	27
RI	Raphiolepis Indica (Indian Hawthorn) 12'-18" x 18"-24"	As Shown	154
RH	Rhapis Humilis (Dwarf Lady Palm) 3'-4' x 18"-24" 8 Cans	As Shown	7
SP	Sabal Palmetto (Cabbage Palm) 14'-18" Over all ht. Stagger Heights	As Shown	15
UP	Ulmus Parvifolia (Drake Elm) 6'-8' x 3'-4', 2" Caliper	As Shown	19
VS	Viburnum Suspensum (Sandankwe Viburnum) 2'-3' x 2'-3'	As Shown	31
SCD	St. Augustine Bitter Blue Stem or Floratam	All Areas Shown	
BAHIA	Argentine Bahía Sod	All Areas Shown	



LANDSCAPE DETAILS

REVISION 2 ISSUED	LANDSCAPE PLAN	
REVISION 1 ISSUED	NEW MAIN POST OFFICE	
ISSUED FOR CONSTRUCTION	4/28	DAVENPORT FLORIDA
ISSUED FOR APPROVAL	12/16	
ISSUED FOR REVIEW		
APPROVED BY	Lunz and Associates, Inc. ARCHITECTS	
CHECKED BY	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 682-1882	
DRAWN BY	L-1	
	8721	



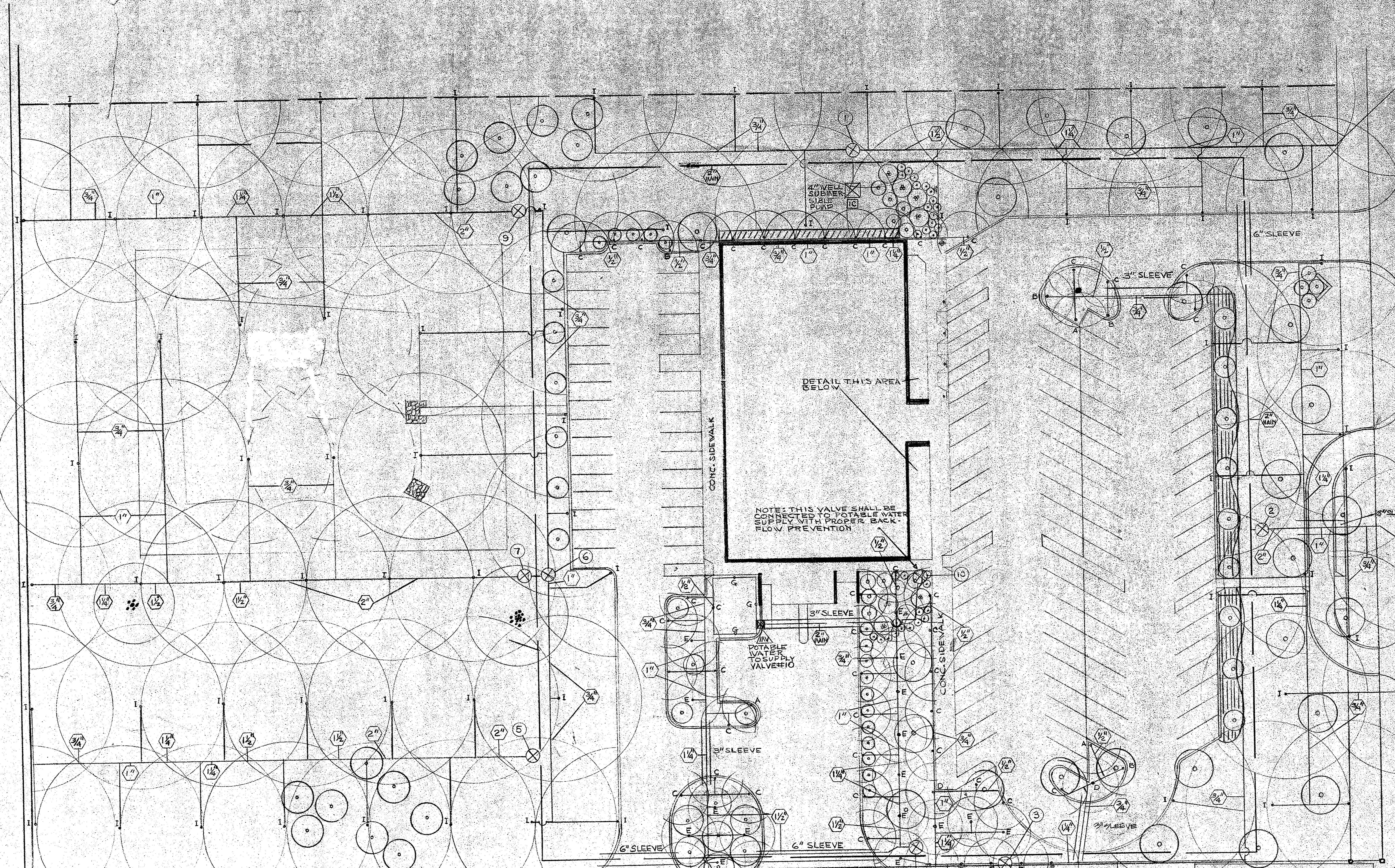
LANDSCAPE DETAIL PLAN  
SCALE 1"=10'-0"

LANDSCAPE PLAN  
SCALE 1"=20'-0"

CURTIS PETERSON  
LANDSCAPE ARCHITECT  
LAKELAND, FLORIDA

- Minimum size of lateral pipe shall be 1/2" diameter.
- All sleeves and main line to be sch. 40 PVC of eq. Lateral pipe to be Class 1120/160 PST pipe.
- Contractor to supply and install all check valves back of controllers, pumps, etc. as required by applicable codes. If check valves are not shown on drawings.
- Main line location is shown schematically. Whenever possible lateral lines are to be buried in common trench with main line.
- All spray heads or nozzles in planting beds to be placed on risers (Sch. 80) of appropriate height to planting.
- All risers are to be located 15" from buildings.
- All heads in open grass areas to be mounted on poly pipe wing joints.
- All materials to be new. All pipe to be cut square and burrs removed. All PVC joints to be made with the use of cleaner, primer and cement solvent and C.
- All pipe and sleeves under pavement shall be 2" below finish grade. All other pipe shall be 15" below finish grade. All sleeves under paving to be installed prior to paving installations.
- Backfill material shall be clean and free from construction debris and large rock or rock with sharp edges.
- All work is to be done in a good, acceptable manner and in accordance with the manufacturer's recommendations.
- Head locations are approximate. Contractor to maintain 100% coverage with adequate overlap when/for head location changes are necessary due to field conditions.
- If adjustable pattern nozzles are necessary to provide for proper coverage to avoid overthrust onto pavement areas they shall be provided in this contract.
- Contractor may adjust trenching in the field for existing conditions. In some cases irrigation pipe or valves are diagrammatically shown in pavement areas for purposes of clarity only. In such cases the pipe shall be placed in the immediately adjacent landscape area.
- Contractor shall be responsible for the location and existence of all underground utilities. Contractor to verify utilities in the field. Contractor is responsible for the protection, maintenance and any damage to existing utilities or structures.
- All electric connections to Div. 16 Power Source shown on sheet L-1. All interconnection of electric valves, time clock and pump starter are a part of this irrigation contractor's work.
- All low voltage wiring shall be #18 AWG with #14 AWG common installed in conduit.
- Contractor shall mark stations on the controller panel to correspond with the zone numbers on this plan and set operating sequence to correspond to the numbering.
- All valves, vacuum breakers and associated valve assemblies shall be located in the landscape areas so that they may be adequately screened from public view and protected from vandalism.
- The model or type of sprinkler head to be used in the specific sprinkler head location may be subject to change when the final landscape installation is complete. This is due to the fact that the final alignment of the planting beds or grass areas may be changed from that shown on the landscape plan at the time of installation. The brand or type is determined. Head spacing will not be increased without prior approval of the landscape architect.
- The irrigation contractor shall carefully schedule his work with the landscape installation and other site developments.
- All portions and components of the irrigation system shall be installed in strict accordance with the manufacturer's specifications.
- All components of the irrigation system shall be designed or located in such a manner as to prevent damage to the system from autos and pedestrian traffic and to minimize vandalism.
- AS-BUILT DRAWINGS: after completion of piping installation, the irrigation contractor shall prepare an "as-built" tracing showing all sprinkler heads, valves, drains & pipe lines to scale with dimensions where required. As-built drawings, operating & maintenance instructions and parts lists covering all provided. One (1) copy each to the Owner upon acceptance of the system by USFS.
- WARRANTY: It shall be the irrigation contractor's responsibility to insure and warranty complete coverage as specified herein of the areas to be irrigated. During warranty period the irrigation contractor shall make any adjustments as necessary to maintain proper operation & coverage. He shall also warranty satisfactory operation of the entire system & workmanship and restoration of the area. Entire system shall be warranted complete and operational for period of one year from date of acceptance by USFS. & he hereby agrees to repair or replace any such defects occurring within that year at his expense that are not maintenance related.

- IRRIGATION EXECUTION AND HEAD SPACING**
- Riser mounted spray heads shall be utilized as required:
    - In planting beds adjacent to the building or structures only.
    - To be installed 6" above plant height.
    - Not installed in parking islands, along walks, curbs, entrance roads or where highly visible.
  - Risers to be of Schedule 40 PVC.
  - Pop up sprays (Rain Bird 1800) to be utilized as required:
    - In planting beds where spray head is in low planting or ground cover (mature plant height 15" - 18").
    - In parking islands containing ground cover plantings. Where it is advantageous to conceal sprinkler heads due to high pedestrian traffic, visibility, vandalism & maintenance, install spray high pop up risers to top of spray body is situated to top of the plant material.
  - Pop up rotor heads shall be installed in areas where long radius coverage intended, will not be blocked by plant material or other structures (ex. signs, fire hydrants, walls, etc.).
    - Changes in head placement, spray or rotor substitution should always be done taking into consideration:
      - What is best for growth & maintenance of sod & plant material.
      - Maintaining a constant & even water distribution & precipitation rate. (Never put rotors and sprays on same zone).
  - Automatic control timer location to be verified with Arch./Owner.
  - Pop up sprinkler heads shall be installed:
    - 3" to 6" from edge of curb or sidewalk.
    - 12" to 18" from edge of pavement (where no curb exist).
    - Flush with finish grade.
  - Field alterations made in the irrigation contract drawing must be in the best interest of the plant materials, sod & landscape irrigation system. Changes made by the irrigation system. Changes made by the irrigation contractor which are deemed by the Architect/Owner, not to be in conformity with this criteria will be removed and replaced at the irrigation contractor's expense. If a question should arise as to the best way to complete a field alteration, contact the Architect/Owner for approval.



DETAIL THIS AREA BELOW

NOTE: THIS VALVE SHALL BE SUPPLIED TO POTABLE WATER SUPPLY WITH PROPER BACK-FLOW PREVENTION

IRRIGATION HEAD SCHEDULE

MARK	RAINBIRD #	GPM	PSI	PATTERN
A	1804-15Q	.83	25	90°
B	1804-15T	1.10	25	120°
C	1804-15H	1.65	25	180°
D	1804-15TQ	2.48	25	270°
E	1804-15F	3.30	25	360°
F	1804-EST	.56	25	4'X28'
G	1804-CST	1.11	25	4'X28'
H	1804-SST	1.11	25	4'X28'
HP	1812-NOZ		50	40 TO 360
USE IN LANDSCAPED AREAS ONLY				
ELECTRIC VALVE 24 VAC/NC				
WARRANTY 700-T-12				
MAX	MAX	MAX	PSR	SDR
LINE	ASTM-2231	150	150	20
4" WELL AND SUBMERSIBLE PUMP WITH PUMP START				
IRRIGATION CONTROLLER RICHEL R-212				

Specifications for Automatic Sprinkler System

Sprinkler heads shall be manufacturers standard unit designed to provide uniform coverage over entire area at available water pressures, as follows: Sprinklers shall be gear driven pop-up type and shall elevate 4" for operation. Water supply connection shall be 3/4" female pipe thread port located at the bottom. Construction of sprinkler shall be entirely from high quality, non-corrosive material. Hunter PGP-11DJ-DW, or equal.

Pop-up spray shall be fixed pattern with screw-type flow adjustment, stainless steel retraction spring, constructed of non-corrosive materials, suitable for operation in the presence of sand or other foreign materials and shall have a minimum of 4" pop-up height. Rainbird 1800 Series, or equal.

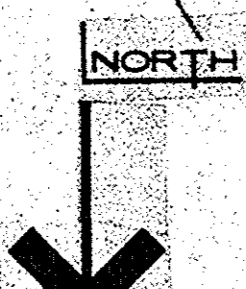
Shrubbery spray shall be fixed pattern with screw-type flow adjustment, made of high quality non-corroding materials, supply connection shall be 1/2" female pipe thread. Rainbird 1800 Series, or equal.

Valve boxes shall be not less than 9" diameter, top opening and a 10" minimum depth, Castle Products, Inc. 911 Series or equal.

REFER TO SPECIFICATION SECTION 223

IRRIGATION ELECTRIC VALVE CONTROL WIRING AND CONDUIT IS NOT SHOWN, BUT SHOULD BE INSTALLED CLOSELY WITH MAINLINE PIPING WHERE EVER POSSIBLE

PLAN DETAIL @ MAIN ENTRANCE  
SCALE 1"=10'



REGION 2  
SOLID

DESIGN 4  
JED

JED FOR  
INSTRUCTION

JED FOR  
REVISION

DESIGNED BY  
EJC

APPROVED BY  
EJC

DRAWN BY  
EJC

**IRRIGATION PLAN**

**NEW MAIN POST OFFICE**

**DAVENPORT FLORIDA**

**Lunz and Associates, Inc.**  
ARCHITECTS

44 LAKE MORTON DRIVE  
LAKELAND, FLORIDA 33801 (813) 692-1882

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