CITY OF NAPLES PURCHASING DIVISION CITY HALL, 735 8TH STREET SOUTH NAPLES, FLORIDA 34102

PH: 239-213-7100 FX: 239-213-7105

ADDENDUM NUMBER 2

NOTIFICATION	BID TITLE:	BID NUMBER:	BID OPENING DATE & TIME:	l
DATE:	NAPLES POLICE DEPARTMENT –			l
04/18/12	HVAC AIR DUCT IMPROVEMENT PROJECT	039-12	04/26/12 2:00PM	

THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO, AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.

Questions?

1. Would it be possible to get the mechanical drawings for the above project to show all of the existing ductwork to be covered?

See attachment.

2. Has there any more recent report on the conditions of the ducts other than what is mentioned in the bid?

No.

List of Attendees

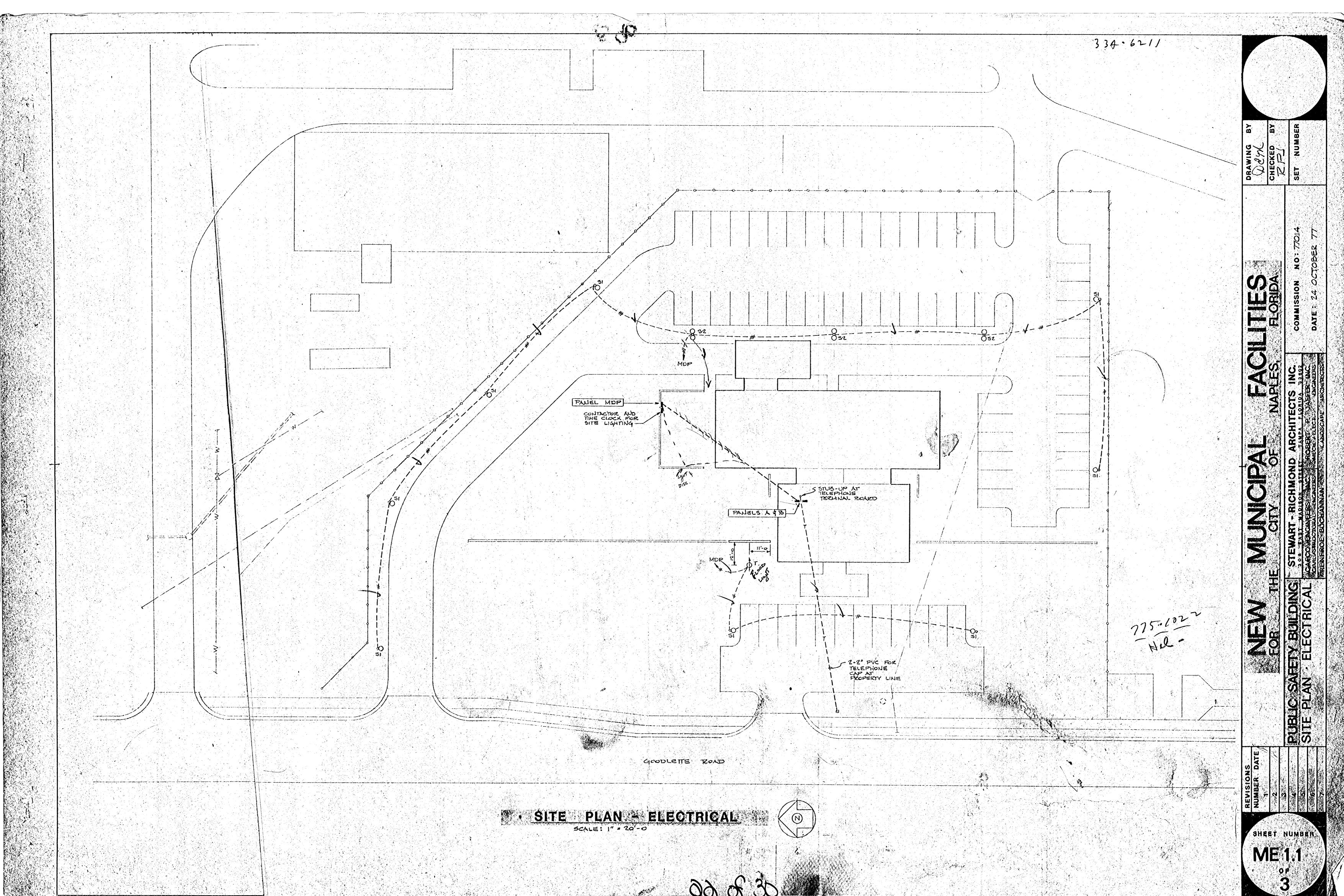
The list of attendees at the pre-bid meeting is enclosed.

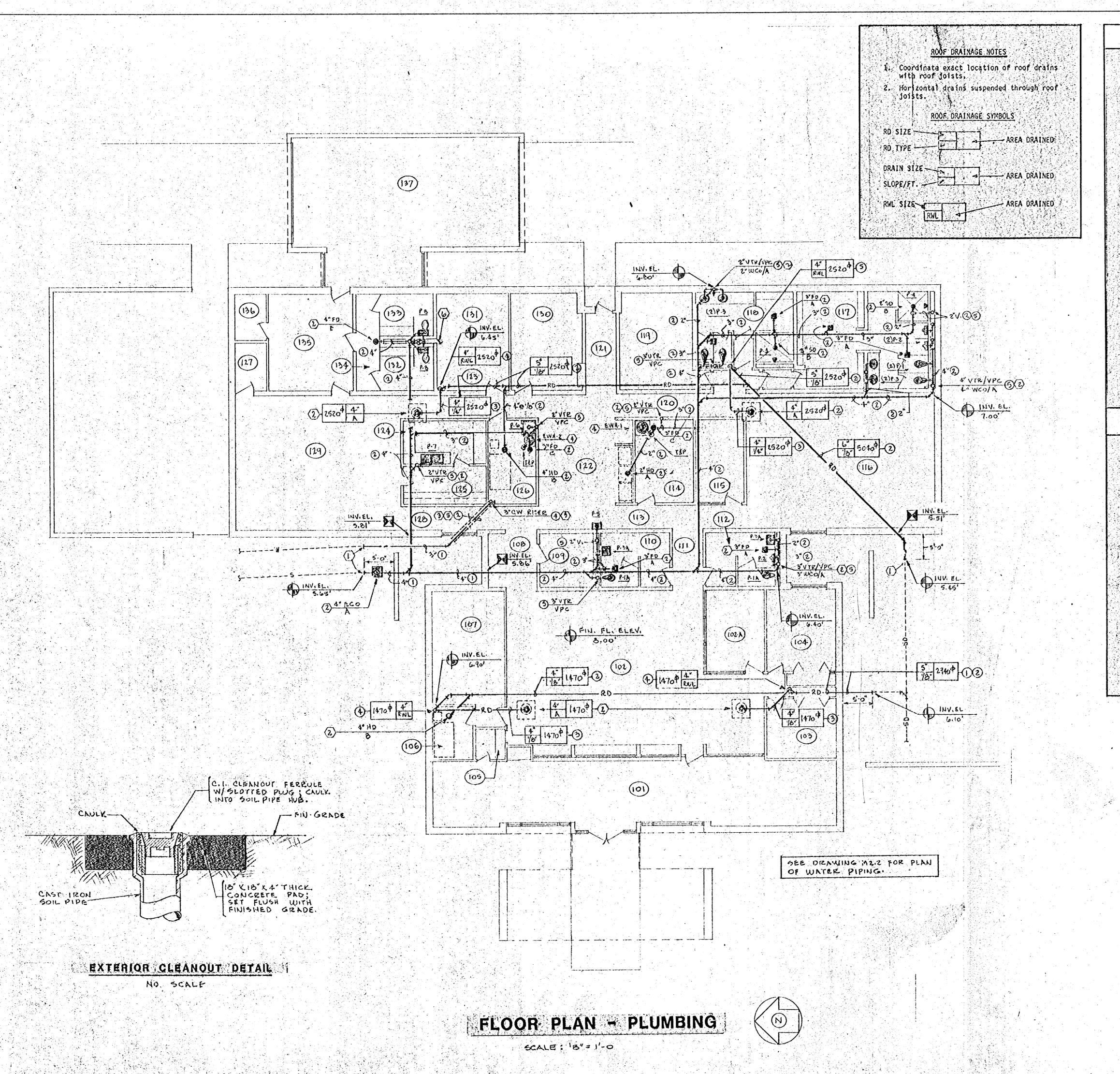
NON-MANDATORY PRE-BID HVAC AIR DUCT WORK APRIL 10, 2012 10:00 AM

NAME STONE
COMPANY PORE AIR
TELEPHONE 727-572-4550
E-MAIL ESTI MATOR @ PURE AR CONTROLS, CON
NAME BREGORY LUTTIKE
COMPANY DUCT DETECTIVES
TELEPHONE 407 243-6601
E-MAIL GREG. LUTHER @ DUCTPETECTING, COB
NAME Alex Jordon
COMPANY BIT Contractors
TELEPHONE 239-332-4646
E-MAIL ajordon a bandicontractors, com
NAME
COMPANY
TELEPHONE
Ε_ΜΛΤΙ

NON-MANDATORY PRE-BID HVAC AIR DUCT WORK APRIL 10, 2012 10:00 AM

NAME Chris Wilson
NAME Chris Wilson COMPANY Cool Zone Inc.
TELEPHONE 239-5/3-9/99
E-MAIL cool zone chis @ earthlink. net
NAME Blaine Byers
COMPANY Air Mechanica
TELEPHONE (941) 475-3715
E-MAIL bbyers & amsco-ac.com
NAME
COMPANY
TELEPHONE
E-MAIL
NAME
COMPANY
TELEPHONE
E-MAIL





PLUMBING LEGEND ABBREVIATIONS DESCRIPTION SYMBOL Soil and Waste Piping Sanitary Vent Piping Roof Drainage Piping الشينة 20 سنة Fire Sprinkler Piping Condensate Drain Piping Domestic Cold Water Piping. Domestic Hot Water Piping Domestic H.W. Recirculating Line Gate Valve Outside Screw & Yoke-Gate Valve Globe or Stop Valve Horizontal Swing Check Valve Pipe Union Pitch piping down in direction of arrow. Elevation at bottom of pipe above finished floor. Invert * Flow line elevation of drains, sewers & manhole junctions. Sanitary Gravity Orain on Sewer Water Main & Building Service Storm Drain or Sewer Location of New Pipe Connection to Existing Piping runs above dropped footing. * Denotes Exterior Utility Work NOT Under Division 15

ABBREVIATIONS

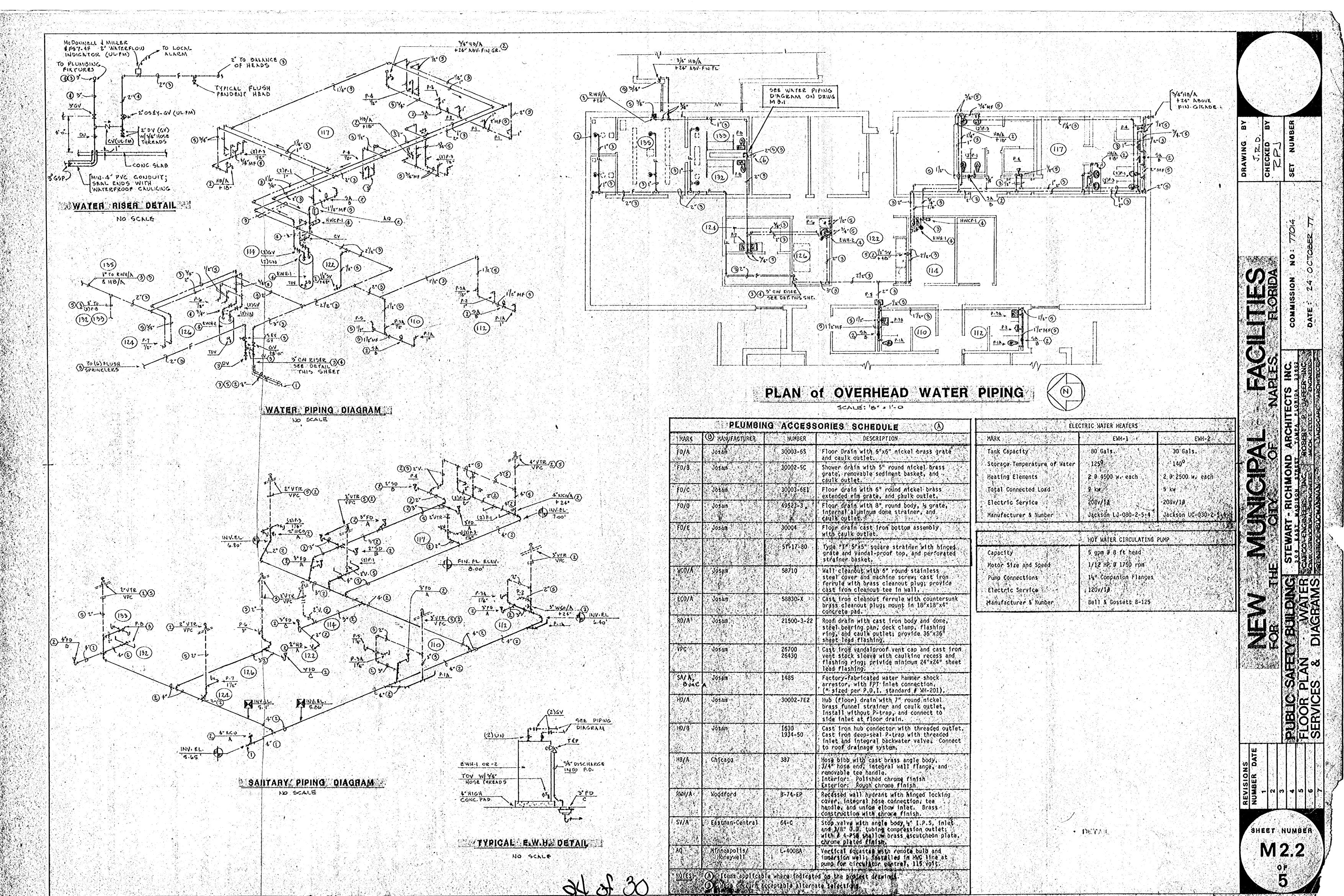
DOMESTI	C WATER SYSTEM	SANITARY SYSTEM
, H8	Hose Bibb	V. Vent Piping
SA .	Shock Arrestor	RV Relief Vent
MF	Manifold	YTR - Vent Thru Roof
HWCP	Hot Water Circulating Pump	ўН . Vent Header
OV	System Drain Valva	WCO Waji Cleanout
, tov	Tank Orain Valvé, 🧳	FCO Floor Cleanout
, DU	Di-Electric Union	ECO Exterior Cleanout
DIDE AN	D FITTINGS	CO C Exposed Cleanout
GSP	Galvanized Steal Pipe	sD Shower Drain
GMI	Galvanized Malleable	FO Floor Drain
	Iron Screwed Fittings	HO Hub Orain
CI-SP	Cast Iron Soil Pipe and	CL Cast Iron
	Fittings	N8 : Nickel Brass (Grate)
PVC-DHV	Polyvinyl Chloride () (Orainage-Waste-Vent)	VPC Vandalproof Vent Cap
	Pipe and Fittings	EQUIPMENT, ACCESSORIES & MISC
		RWH Recessed Hall Hydrant
		T&P Temperature-Pressure Relief Valve
		RD Roof Drain

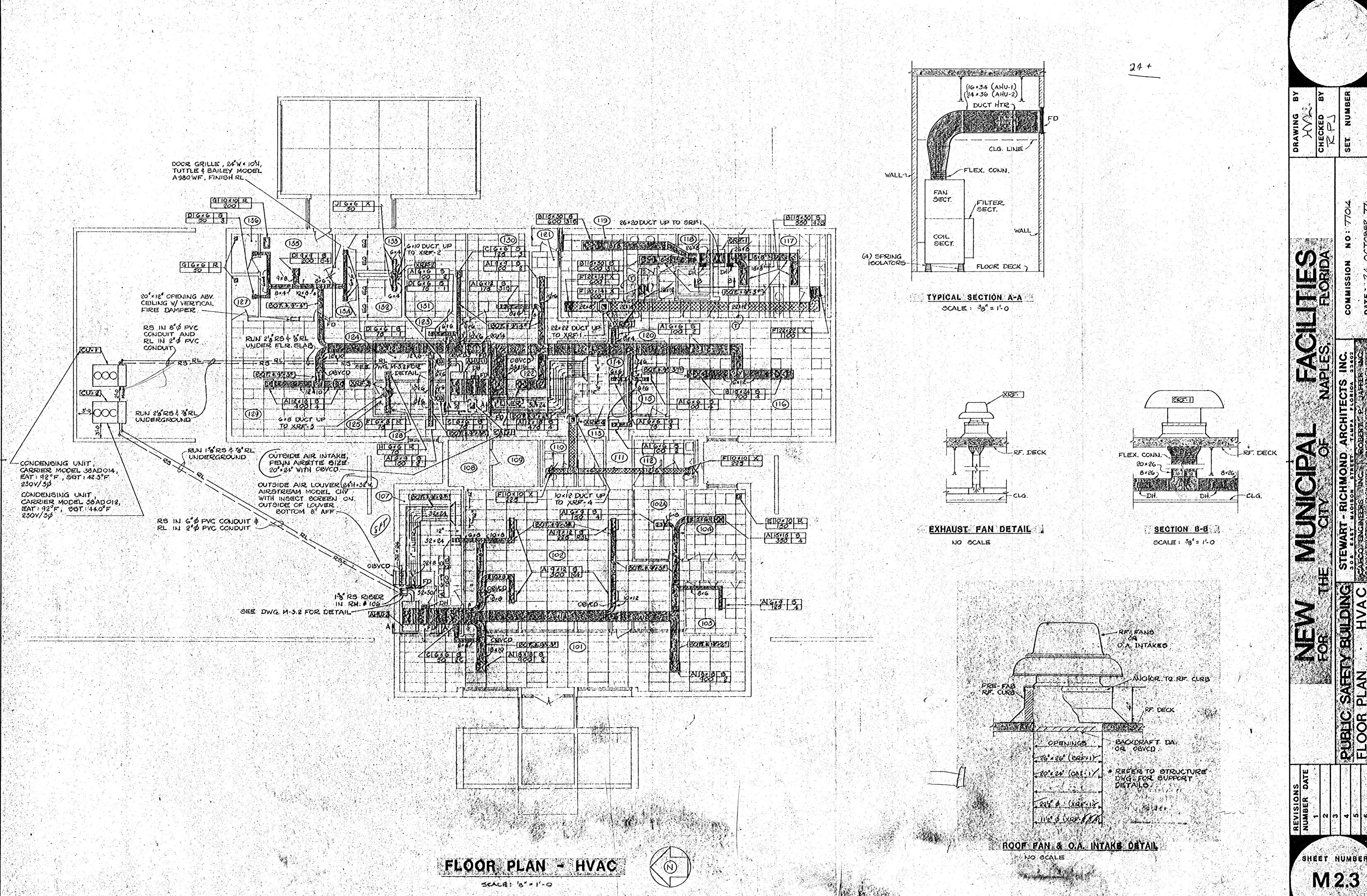
	PIPING LOCATION LEGEND
· D	Underground - Exterior
②	Below Floor Slab
3	Concealed in Ceiling Space
(4)	Piping Exposed in Room
⑤	Piping Concealed in Wall or Pipe Chase
	DRAWING NOTES
①	Extent of Underground Piping Under Division 15.
(2)	See Accessories Schedule and/or Typical Detail.
(3)	See Spécial Detail.
	See Equipment Schedule.
(4)	

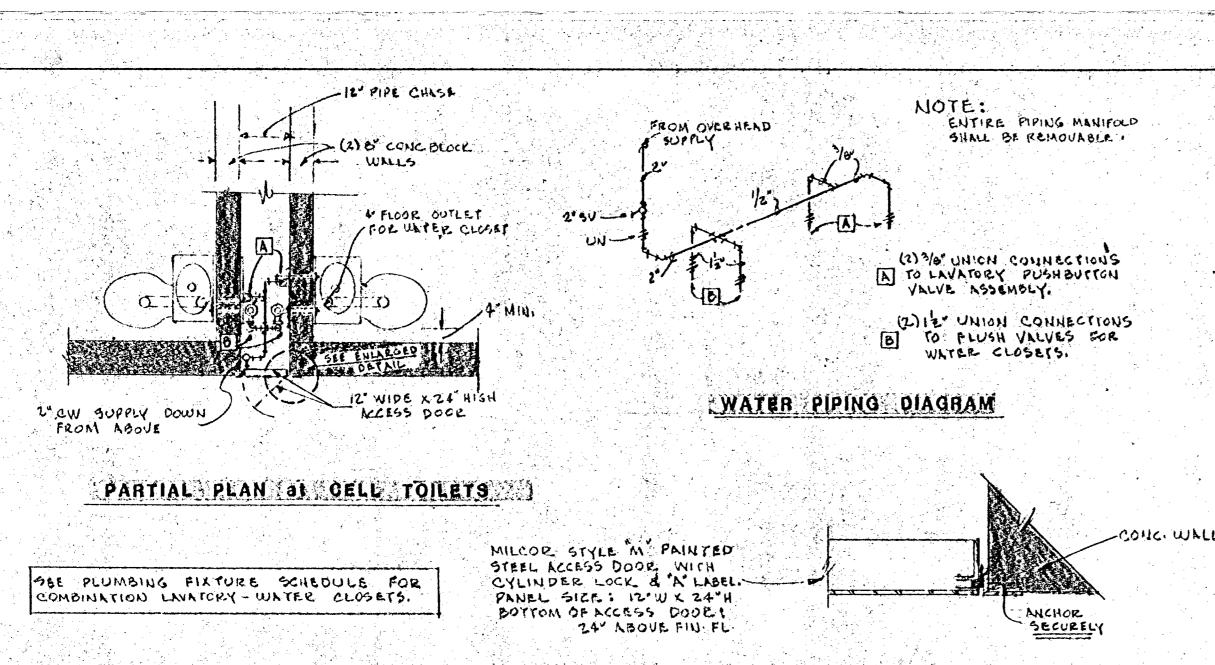
DATE NEW THE CITY OF THE BUILDING STEWART - RICHMOND ARC FLOOR PLAN - PLUMBING SAFEGENGWERS FROM THE FOOD BUILDING SAFEGENGWERS FROM THE FLOOR PLAN - PLUMBING SAFEGENGWERS FROM THE FOOD BUILDING SAFEGUNG SAFEGU

SHEET NUMBER

02 P 30

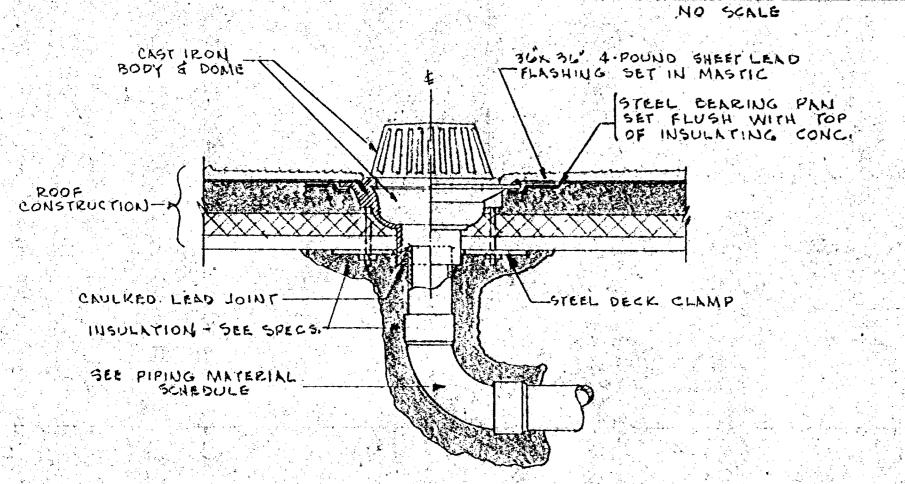




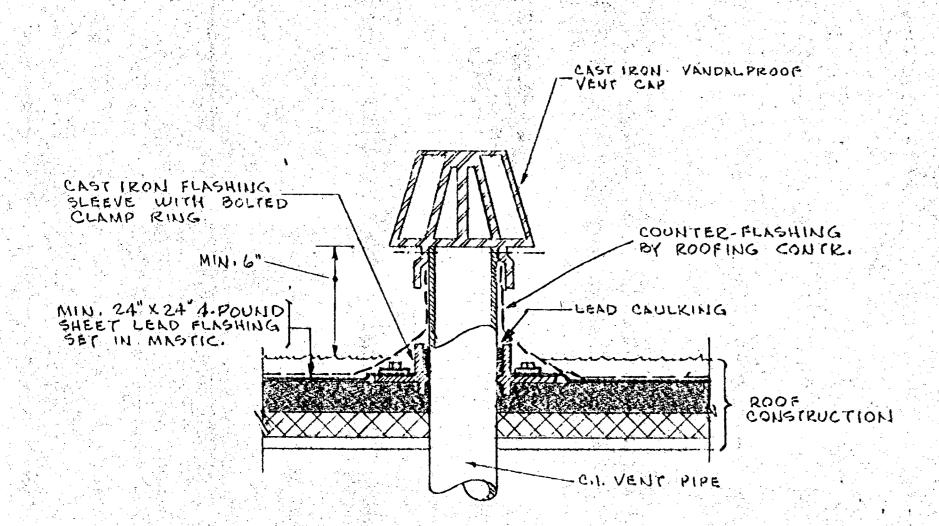


ENLARGED DETAIL AT ACCESS DOOR

DETAILS at CELL TOILETS



ROOF DRAIN DETAIL NO. SCALE



VANDALPROOF VENT CAP DETAIL

FILL VOID WITH MORTAR FROM TOP SIDE		CONCRETE SLAS
	, to	
		1 M6 "5" Y
	la de	PECUCES A
		FLUSH SPRINKLER
		HEAD (SEE
	J. J. A.	CONCRETE OR
LCK WITH	\ - \	Stucco ceiling
IROME -PLATED 3" DI		CHROME-PLATED COVER PLATE
SCUTCHEON RING	CHRO	ME-PLATED LEVERS &

FL	USI	i SP	RINKL	ER DE	TAIL	
-						
	1 300			Table 1 1 1 1 2 2 2 3 3 4 5 5 6 6		

NO SCALE

INTERIOR SYSTEMS	PIPING CLASS[]	TYPE OF JOINT	NOTES
SOIL AND WASTE PIPING Balow Ground Floor Above Ground Floor Slab	P-1A P-1A	Caulked Caulked	
SANITARY YENT PIPING Balow Ground Floor Above Ground Floor Slab	6-1V	Caulked No-hub	[2]
ROOF DRAINAGE PIPING Below Ground Floor Above Ground Floor Slab	P=1A 0-1	Caulked Solvent	415
DOMESTIC WATER PIPING Below Ground Floor Above Ground Floor Slab	N-1 N-2	Threaded Soldered	6 5 7
FIRE SPRINKLER PIPING Above Ground Floor Slab	N-2	Soldered	
CONDENSATE DRAIN PIRING	0-1	Solvent	[5]
REFRIGERANT PIPING Inside Building Underground Exterior	R-1 R-1 R-1 R-1	Brazed Brazed Brazed	5 3 5 5 8

[8] Weatherproof covering plus aluminum jacket.

가는 사람들은 이 것은 것들이 된 것을	실취들이 여러한 물리에 없다.			11/2	143.16		\$ 1 (A)	The first that we have	. 上述"大学生"是"关"等等	
				P-6	3"	ξ ⁿ	3"	St/n-Williams	HL-1800	Precast terrazzo mop basin 24"x24"x12" high with 6" high
RIPING	MATERIAL SC	HEDULE								drop front, stainless steel cap and integral drain body
NTERIOR SYSTEMS	PIPING CLASS	TYPE OF JOINT	NOTES					1/4		with nickel brass grate.
OIL AND WASTE PIPING					- 5				T-15-VB	Wall-mounted supply fitting with integrals tops, spout with
Balow Ground Floor	P-1A	Caulked								bucket hook and hose end, vacuum breaker, and top brace.
Above Ground Floor Slab	P-IA	Caulked .							1-35	36" long hose and wall hook.
ANITARY VENT PIPING								4	[-40	24" long wall-mounted stainless steel mop hanger.
Below Ground Floor Above Ground Floor Slab	P-1A P-2	Caulked No-hub	[2]					Wade	M-8953-H	3" cast iron deep-seal P-trap.
OOF DRAINAGE PIPING Below Ground Floor	P-1A	Caulked		P-7		1,11	112"	Leedal	ÅP-74	Stainless steel dark room sink 17" wide x 48" long x 9"
Above Ground Floor, Slab	D-1	Solvent	4[5]				144			deep without backsplash; with special flange rim for coun
OMESTIC WATER PIPING							1.4			tertop installation; 15" Stainless drain and tailpiece;
Below Ground Floor Above Ground Floor Slab	W-1 W-2	Threaded Soldered	6 57				1-1-			and removable stainless steel standpipe
			H. W.				. }-	Water Saver	L+553+VB	Ledge mixing faucet with swing gooseneck spout, serrated
IRE SPRINKLER PIPING Above Ground Floor Slab	W-2	Soldered					148			hose end, vacuum breaker, & L-137 mounting shanks.
								Níbco	5892	15" PVC-DWV adjustable P-trap with slip joint inlet, and
ONDENSATE DRAIN PIRING	0-1	Solvent	[5]				1			14" PVE-DWV pipe to wall.
EFRIGERANT, PIPING			rai di					Nibco	5804	15" PVC-DWV male adapter; connect to 15"x2" CI-SP tapped
Inside Building Underground	R-1 8-1	Brazed Brazed	5 3 5 5 8							sanitary tee in wall. Note: Angle supplies identical to P-3
Exterior	R-1:	Brazed	[5][8]	P-8	11.11		AP	Acorn	1564-R & L	
NOTES:				17.00	11/2"				1304-N a L	Stainless steel lavatory-toilet combination fixtures with
[1] Refer to Speci	fications for complete d	lacening of all ni							1761-2G	integral seat and drain outlet to floor,
classes, joint		leser perofit of a repr	V							Self-closing lavatory push button valve assembly for cold
[2] See Vent Cap D	etail.								to the state of th	water only, with#1768 wall plate for 6" thick wall. Fast drain for lavatory bowl.
[3] Run in PVC Con	duit.									
[4] See Roof Drain	Qetail.								1773	14" thru-wall waste connection with adjustable Ratrap and.
[5] Insulate as \$p	ecified.						-			cleanout.
[2] 경계 교회, 12(1) 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1	s of coal-tar enamel bef	ore backfilling tren	ich.			扩展		\$ \$ \frac{1}{2} \f	2822-7	Concealed toilet flush valve with pushbutton vacuum
[7] Provide dielec	tric union on riser.					I SE			1741	breaker, and 12895 thru-wall connection for 6" walls

PLUMBING FIXTURE SCHEDULE

K-4670-SC

Amer: Standard 7723,018

Speakman ;

S-1421-M

S-2260-AP

HM WASTE

DESCRIPTION

Penryn siphon jet elongated closet bowl with 15 top spu

sustaining check hinge.

Royal flush valve with oscillating handle and 1" flush

Higheliff 18" high siphon jet elongated closet bowl with

Freshman siphon jet wall-hung urthal with 3/4" top spud

Royal flush valve with oscillating handle and 3/4" flus

Pennington self-rimming oval vitreous china counter-top

Adjustable self-closing supply fitting with vandalproof

Cast brass adjustable Patrap with cleanout plugand 14"

angle supplies with loose key stops, 4" 1.P.S. inlet, ar

Greenwich 20"x18" vitreous china walkhung bowl w/8" center

Sciddrain assembly for wheelchair lavatory; with 14" offset

Offset supply pipe with loose key stop for wheelchair

Note: Supply fitting and P-trap identical to Item P-3;

Anti-scald balanced pressure shower valve with single

Wall-mounted vandal-resistant shower head with Key-oper-

ated spray and volume control, and anchor plate assembly

with mounting screws. Note: See Accessories Schedula

simulated-recessed electric water cooler with stainless

steel fountain top, and stainless steel cabinet.

Compressor: 1/5 HP - 115 volts - single phase, Note:

Angle supply (1 only) and P-trap identical to Item P-3

Drain with perforated grate and 14" tailpiece.

tubing outlet to wall.

annealed vertical risers,

lavatory (CW only).

lever handle and integral stops.

for shower drain.

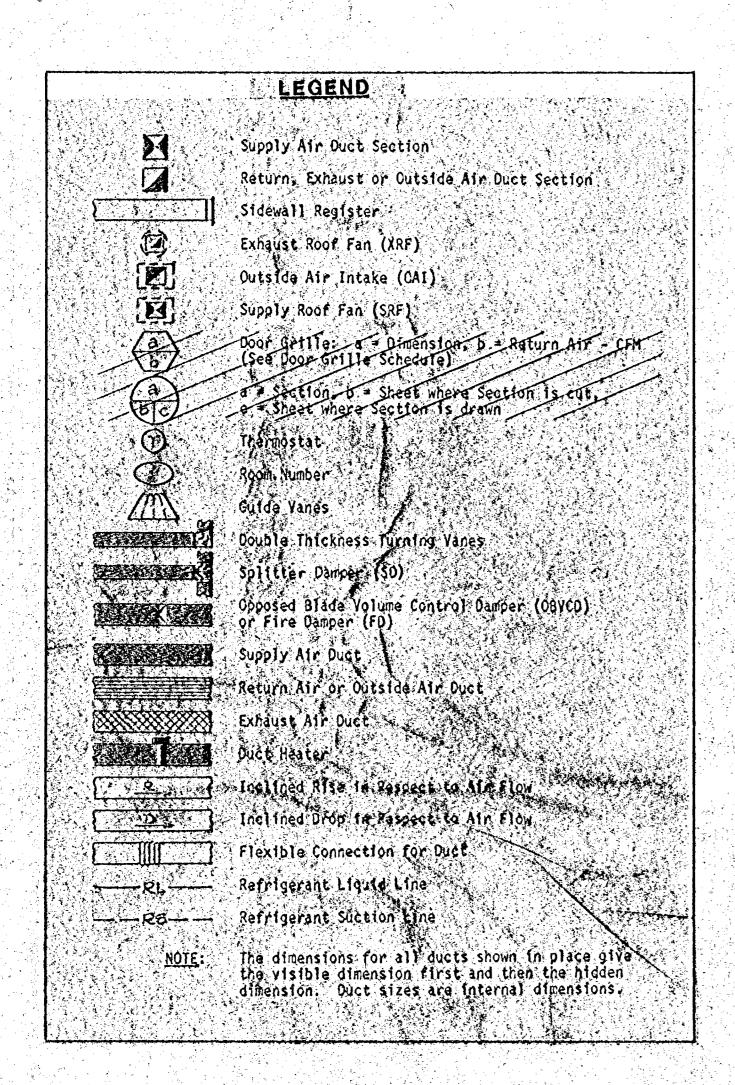
112" top spud; and bolt caps. Note: Seat and valve

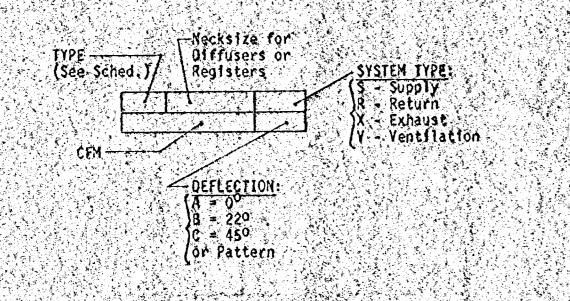
identical to Item P-1.

and wall hanger.

bowl with 8" centers.

and bolt caps;
White solid plastic open front seat less cover, with self





AIR OUTLET SCHEDULE A Type 24x24 panel with (*) AML4 (**) finish 8-377. MJ dampen B. Type 48x24 panel with (*) AML4 (**) finish 8-377. M7 damper C Type 12x12 panel with (*) AML4 (**) finish 8-372. M7 damper D ... Type (*) AMS (**) finish 8-377, MT damper E Type (*) A700L4 finish 8-377/ F . Type (*) A770L4 finish 8-377 G Type (*) A700 finish 8-377

AIR OUTLET SYMBOLS

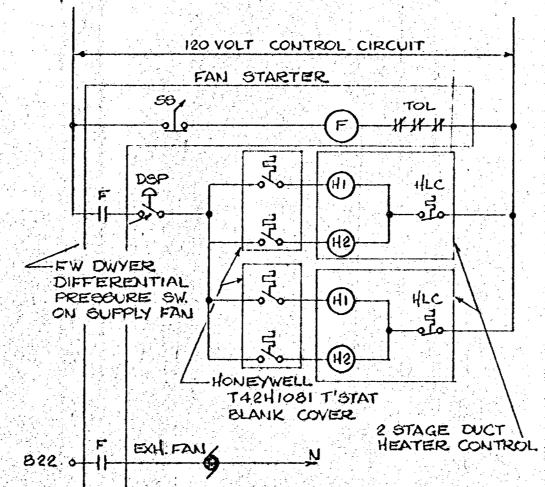
(*). For size of neck, refer to notes on drawing: (**) For air distribution pattern, refer to notes on

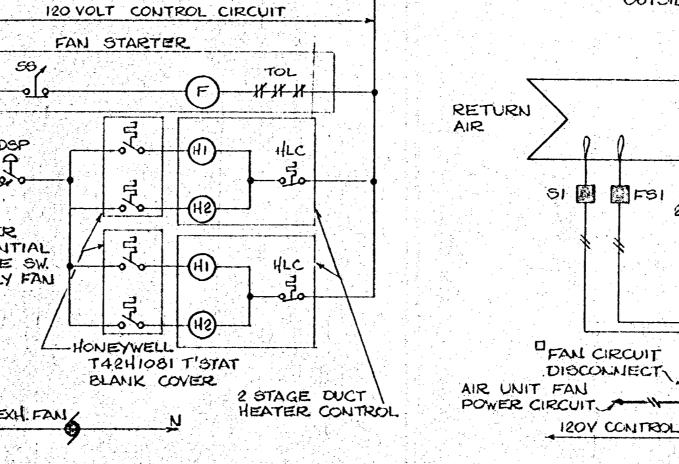
Type (*) A770 finish 8-377

Type (*) 17700 finish AE

Model numbers shown are Tuttle & Bailey.

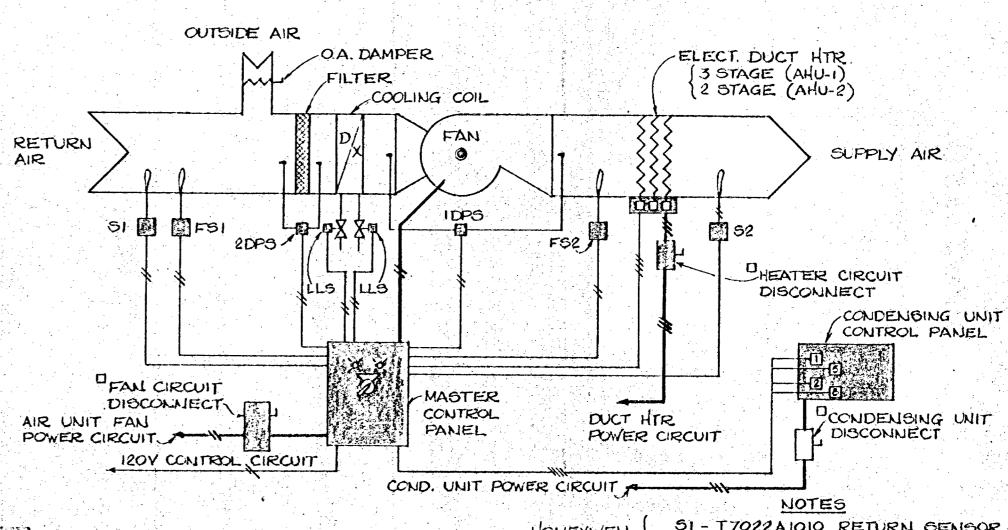
AIR HANDLER SCHEDULE				
	AHU-1	AHU-2		
Carrier Model	39508	39E08		
Supply Air, cfm	4300	3750		
Static Pressure, in WC	2.0	1.8		
Outside Air, cfm	975	700		
Coil Area, sq. ft.	7.78	7:78		
Rows/Fins, 4" Tubes	4/14	4/14		
Circuiting	Half	Half		
Face Velocity, fom	553	482		
Total Clg, Cap., M8H	178	148		
Enty Air OB	79.7	. 81		
Ent. Ale VB	68.9	69.2		
Lvg. Air OB	57:3	55.1		
Lvg. Air NB	58.8	54.7		
Rfrg. Suction Temp.	42.3	40.0		
Fan Motor HP	2	1		
Fan RPA	3000	2700		
Voltaga	230/18	230/10		
Duct Heater Kw/Stages	28/3	20/2		
Voltage 1	230/30	230/30		
Carrier Cond. Unit	38AC014	38A0012		
Voltage	230/30	· · · · · · · · · · · · · · · · · · ·		
Note: Vertical draw-thru	ajrioti fan	section		
with 3 lb. insulat	ion, intertw	ined row		
sollt coll in VCSI	nd HVFI high	velocity		
filter section." M	ount unit on	4 spring		





LOCKER ROOM H&V CONTROL DIAGRAM

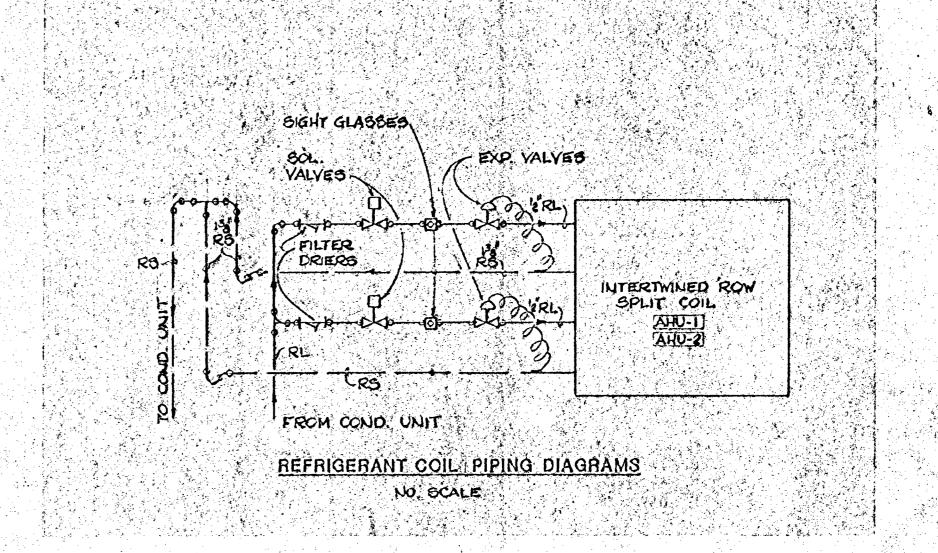
SS - ON OFF SELECTOR SWITCH
HI - FIRST STAGE HEATER CONTACTOR
H2 - SECOND STAGE HEATER CONTACTOR
HLC - HEATER HIGH LIMIT

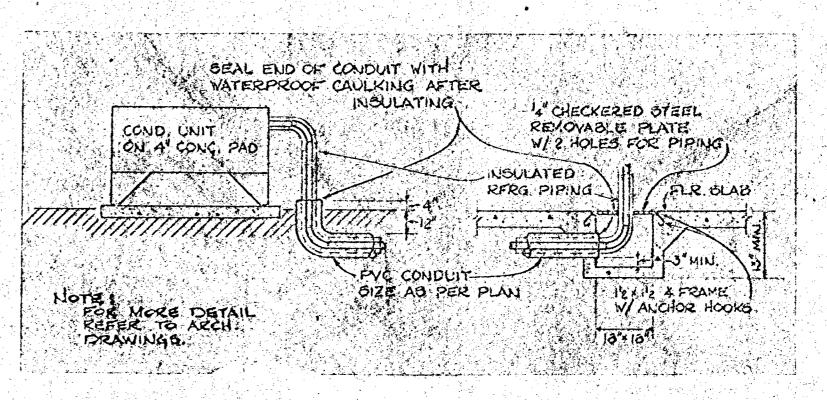


A/C UNIT CONTROL DIAGRAM

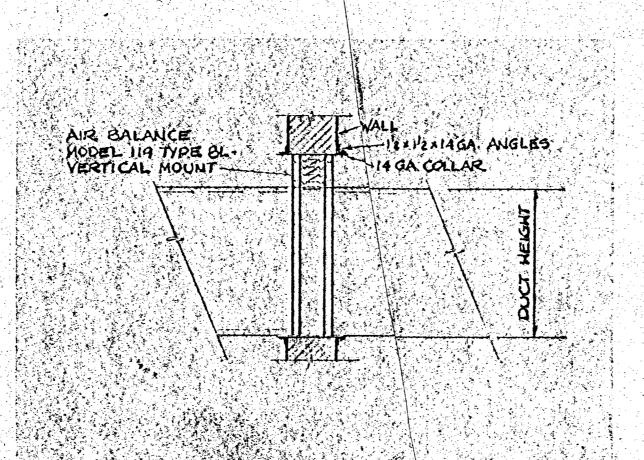
51-T7022A1010 RETURN GENGOR 52-C7046A1004 DIECHARGE GENGOR F31,2-LA419D1042 FIREGTAT 1DPS-SPDT DWYER DIFF. PRESSURE SW. UNDER DIV. 16

Mark	X8E - 1	XRF - 2	XRF 3	XRF . 4	SRE 1
MFR	-Penn Domex	Penn Domix	Penn Domex	Penn Domex	Penn Airett
Model :	LB 24	XQ60E	xR60L	XR94L	SA8 243
CFM.	2300	100	150	450	2300
SP	,125	1124	.125	* . i25	.375
Fan Speed	355	1100	1360	1250	. 860
HP	116	1/12	1/25	1/10	1/2
Voltaga 🦠	1200/10	£120V/10	1207/18	1207/10	1207/10





DETAIL of UNDERGROUND REFRIGERANT PIPING NO SCALE



VERTICAL FIRE DAMPER INSTALATION NO SCALE

SHEET NUMBER

REVISIONS NUMBER DATE