

DRAINAGE SPECIALTIES AND CONNECTIONS SCHEDULE									
MARK	SPECIALTY	MANUFACTURER	MODEL NO.	TYPE	MATERIAL	STYLE	SIZE	DOMESTIC C/W	REMARKS
FD-1	FLOOR DRAIN (MECHANICAL ROOM)	ZURN	Z-508-P-Y-V-P	NO HUB OR NEO-LOCK	CAST IRON/NICKEL BRONZE TOP	POLISHED ROUND ROUND TOP	PER DWGS.	1/2" TRAP PRIMER	COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INTERMEDIATE MEMBRANE CLAMP AND ADJUSTABLE TYPE NICKEL BRONZE STRAINER, 9" ROUND TOP, TAPPED FOR TRAP PRIMER CONNECTION, VANDAL PROOF.
TD-1	TRENCH DRAIN	DURATRENCH	DTTF-12:EXGS15TEA	CAST IN PLACE	CAST CONCRETE WITH GALV. GRATE	EXTREME DUTY GRATE W/ ROUNDED BOTTOM	PER DWGS.	N/A	CAST-IN-PLACE TRENCH DRAIN WITH PRE-ENGINEERED FACTORY-FABRICATED FORM PANELS INCLUDING RIGID METAL INSTALLATION BRACKETS AND AN INTEGRAL CONCRETE ANCHORS AT 12" O.C. WITH 1/2" DIA. GALVANIZED STEEL GRATE, OPTIONAL 1% SLOPE, REMOVABLE DEBRIS STRAINERS. SEE PLAN FOR OUTLET LOCATION AND CONNECTION SIZE. COORDINATE LENGTH WITH ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS. MINIMUM FINISH TRENCH WIDTH SHALL BE 9". INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS TO ENSURE FINISHED TRENCH HAS SMOOTH INTERIOR AND ALL TRENCH AND GRATE SEGMENTS ARE CO-PLANAR.

PLUMBING FIXTURE SCHEDULE										
MARK	FIXTURE	MANUFACTURER	MODEL NO.	TYPE	MATERIAL	WASTE	VENT	CW	HW	REMARKS
WHY-1	WALL HYDRANT	ZURN	Z1320XL	WALL MOUNTED	---	---	---	3/4"	---	ENCASED, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING WALL HYDRANT WITH INTEGRAL BACKFLOW PREVENTER, 3/4" HOSE THREAD OUTLET SPOUT, AND NICKEL BRONZE HOUSING.
HB-1	HOSE BIBB (EQUIPMENT ROOM)	ZURN	Z1341-VB-PC	WALL MOUNTED	---	---	---	3/4"	---	WALL FAUCET WITH VACUUM BREAKER, 3/4" HOSE THREAD OUTLET SPOUT, POLISHED CHROME FINISH.

PRESSURE WASHER SCHEDULE									
MARK	MANUFACTURER	MODEL NO.	CW INLET	(GPM)	DIMENSIONS (LxWxH)	MOTOR HP	HEATER	VOLTS	AMPS
PRESSURE WASHER	ALLADIN	8430 SERIES	3/4"	4	32"x24"x48"	7.0	60KW	208/3	180

NOTE:

1. PROVIDE BACKFLOW PREVENTER UPSTREAM OF COLD WATER INLET CONNECTION.
2. PROVIDE OPTIONAL HOUR METER.
3. PROVIDE OPTIONAL 2-WAY REMOTE.
4. PROVIDE WITH 2-WAY SOAP SOLENOID.
5. VERIFY ELECTRICAL VOLTAGE WITH AVAILABLE UTILITIES PRIOR TO ORDERING EQUIPMENT.

CLEANOUT SCHEDULE				
CLEANOUT APPLICATION	TYPE	ZURN	JOSAM	J.R. SMITH
FINISH CONCRETE FLOOR (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)	ROUND SQUARE	ZN-1400-IC-BP ZN-1400-IC-BP-T	55000-2-X 55000-2-SQ-X	4228-C 4048-C
FINISH WALL (CAST IRON BODY, BRONZE PLUG, STAINLESS STEEL COVER)	ROUND	ZN-1446-BP	58910-1-S 58600 (COVER)	4532-S
EXPOSED PIPING (CAST IRON BODY, BRONZE PLUG)	HORIZONTAL VERTICAL	ZN-1440 ZN-1445	58900 58910	4420-C 4512-S
TILED AREA (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)	ROUND SQUARE	ZN-1400-IC-BP-X ZN-1400-IC-BP-T	5500-2-12-X 55000-2-12-SQ-X	4168-C 4168-C
CARPETED AREA (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)	ROUND	ZN-1400-IC-BP-CF	55000-2-13-X	4028C-Y
TERRAZZO AREA (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)	ROUND SQUARE	ZN-1400-IC-BP-Z ---	55000-2-13-X 55000-2-13-SQ-X	4188-C 4208-C

WATER HAMMER ARRESTOR SCHEDULE		
ARRESTOR SIZE (WHA)	WATER SUPPLY FIXTURE UNITS	PDI STD WH 201
1"	33-60	PDI-C
NOTE: ALL ARRESTORS SHALL BE INSTALLED PER PDI (PLUMBING AND DRAINAGE INSTITUTE) STANDARD PDI-WH201 (2006) FOR SIZING AND PLACEMENT.		

SAND / OIL INTERCEPTOR SCHEDULE								
UNIT NO.	BASIS OF DESIGN	MAX FLOW RATE	LIQUID CAPACITY	OIL CAPACITY	SAND CAPACITY	COVER	WEIGHT (DRY)	NOTES
INT-1	STRIEM MODEL OS-75-SS	75 GPM	110 GALLON	93 GALLON	11 GALLON	H2O RATED PICKABLE CAST IRON	180 LBS	1, 2, 3

NOTES:

1. SEAMLESS, MOLDED, POLYETHYLENE TANK SAND/OIL SEPARATOR - WITH WATER & GAS-TIGHT COVER, ADJUSTABLE RISER SYSTEM AND SNAP-IN FLOW CONTROL SYSTEM.
2. PROVIDE WITH ADDITIONAL RISERS FOR DEEPER BURIAL DEPTH AS REQUIRED.
3. PROVIDE WITH SLICK-STICK OIL LEVEL MONITORING ACCESSORY. COORDINATE CONTROL PANEL LOCATION WITH OWNER.

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COMPACTED FILL

ELEVATION VIEW

FLOOR

TO GRADE

- 1 "JISAM" LEVELIZE FLOOR CLEANOUT NO. 56014-2-22 NO HUB CONN.
- 2 CONCRETE PAD 2' X 2' X 8" W/4 #6W
- 3 US FOUNDRY NO. 7610 CAST IRON BOX WITH COVER MARKED "C.O."
- 4 FINISH FLOOR
- 5 FILL VOIDS WITH OILED SAND
- 6 CLEANOUT FITTING W/BRASS OR PVC PLUG
- 7 TWO WAY CLEANOUT TEE OR LONG SWEEP QUARTER BEND. (CAST IRON OR PVC ACCORDING TO LOCATION)

TWO-WAY FLOOR/GRADE CLEANOUT DETAIL

N.T.S.

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TWO-WAY FLOOR/GRADE CLEANOUT DETAIL

N.T.S.

NOTE: DIMENSIONS ARE IN INCHES

FRONT VIEW
 32
 TOP VIEW
 48-1/4

SIDE VIEW
 24

BACK VIEW
 4 X 4 ELECTRICAL BOX
 INCOMING ELECTRICAL POWER
 10
 4
 8
 15
 1-1/2
 18
 2
 10
 WATER INLET
 TYP. GARDEN HOSE
 WATER OUTLET
 3/8" QUICK COUPLER

REV.	DATE	BY	DESCRIPTION
REVISIONS			

STRIPPET #
 ACCUPRESS #
 TOOLING

TITLE		DATE	
INSTALLATION (REF.)		14-Dec-00	
DESCRIPTION		8000 SERIES	
DRAWN BY:	HART	CHK. APPR:	8000-EXTERIOR
CAD. D. BY:	XXX	CIA. PAINT.	561
MULTIPLI:		57925	

8000-EXTERIOR

PRESSURE WASHER DETAIL

N.T.S.

STEEL BEAM

CONC. INSERT

CONC. JOIST

STEEL JOIST

CLEVIS HANGER
PIPE
W/OW INSULATION

CLEVIS HANGER
PIPE
W/INSULATION

NOTES:

- 1 HEAVY DUTY CONCRETE STEEL INSERT WITH ELONGATED STRAP
- 2 CONCRETE JOIST SEE PROJECT PLANS
- 3 HEAVY DUTY CONCRETE JOIST CLAMP
- 4 HANGER ROD (SEE SCHEDULE)
- 5 CONCRETE SLAB SEE PROJECT PLANS
- 6 STRUCTURAL STEEL BEAMS SEE PROJECT PLANS FOR SIZE
- 7 HEAVY DUTY BEAM CLAMP
- 8 EYE SCKET
- 9 ONE ANGLE ON EACH SIDE OF WEB MEMBERS REST ON TOP OF BOTTOM CHORDS STEEL JOISTS BETWEEN PANEL POINTS. SEE FOR LOADS
- 10 WEB MEMBERS
- 11 HANGER NUT
- 12 WELDS
- 13 BOTTOM CHORD OF STEEL JOISTS
- 14 BENT STRAP 1 1/2" 3/16" OVER VERTICAL LESS ANGLES
- 15 SUPPORT NUT
- 16 HEAVY DUTY CLEVIS HANGER
- 17 INSULATION WHERE SPECIFIED SHALL BUTT AGAINST/ABSORB PIPE HANGERS
- 18 PIPE
- 19 LOCKING NUT
- 20 INSULATION W/VAPOUR BARRIER
- 21 INSERT NUT
- 22 16 GA GALV. STEEL METAL SADDLE MIN. 12" LONG

HANGER ROD SCHEDULE

PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	DIA.	4" THRU 6"	3/4"
2" TO 3"	DIA.	6" THRU 12"	DIA.

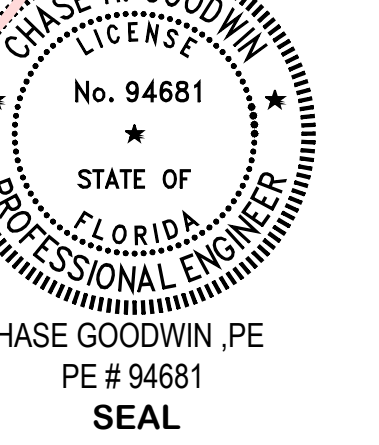
PIPE HANGER DETAIL

N.T.S.



Digitally signed by
Chase H Goodwin
Date: 2026.05.06

7:19:14-04:00'



info@CEAengineers.com
E# 78477 CA LIC. 31555
THESE DRAWINGS ARE NOT VALID FOR ANY
PROJECT WHICH REQUIRES THE ORIGINAL
SIGNATURE AND SEAL OF THE ENGINEER
LESS THE ORIGINAL SIGNATURE AND
SEAL ARE AFFIXED. DRAWINGS NOT SIGNED
OR SEALED BY THE ENGINEER SHALL NOT
BE SUBMITTED TO ANY AUTHORITY OR
USED FOR ANY PURPOSE WHERE SIGNED
OR SEALED DOCUMENTS ARE REQUIRED.

100% CONSTRUCTION DOCUMENTS

EXPIRATION DATE
2/15/2026

DISCUSSION

[illegible]

PROJECT TEAM

PRINCIPAL IN CHARGE
COTT RAYNOR

PROJECT MANAGER
COTT RAYNOR

SIGN TEAM
CEA

PROJECT NAME

14C632800

SHEET NAME
PLUMBING - FLOOR PLAN
PRESSURE & GRAVITY
PIPING - AND RISER
DIAGRAMS

ET NUMBER

