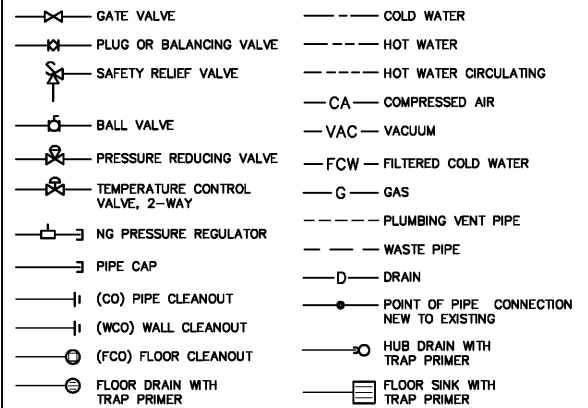


PLUMBING LEGEND



NOTE

ALL SYMBOLS SHOWN ON LEGEND ARE NOT NECESSARILY USED ON THIS PROJECT.

ABBREVIATIONS

A/C	ABOVE CEILING	CW	COLD WATER
AFF	ABOVE FINISH FLOOR	DP	DRAIN PIPE
AD	AREA DRAIN	NG	NATURAL GAS
B/F	BELOW FLOOR	GV	GATE VALVE
B/G	BELOW GRADE	GW	GREASE WASTE
B/S	BELOW SLAB	SAN	SANITARY DRAINAGE PIPE
BV	BALANCING VALVE	VS	VENT STACK
COND.	CONDENSATE	W	WASTE

TANKLESS WATER HEATER SCHEDULE

TAG	MAKE	MODEL	TYPE	GPM (@ 80° RISE)	GAS INPUT (BTUH)	DIMENSIONS		NOTES
						WIDTH	HEIGHT	
WH-1	RHEEM	RTGH-95DVLN	GAS FIRED	4.7	199,000	18.5"	27.5"	1,2
WH-2	RHEEM	RTGH-95DVLN	GAS FIRED	4.7	199,000	18.5"	27.5"	1,2

- NOTES:
 1. RHEEM, RINNAI OR APPROVED EQUAL
 2. PROVIDE FACTORY VENTING KIT.

WATER HEATER CALCULATION

FIXTURE	QTY.	GPM	MODIFIED GPM	TOTAL GPM
HAND SINK	3	2.0	0.5	1.5
3-COMP SINK	1	2.0	1.5	1.5
3-COMP SPRAYER	1	1.48	1.0	1.0
MOP BASIN	1	2.0	1.5	1.5
LAVATORY	2	0.5	0.5	1.0
RACK WASH	1	2.2	1.5	1.5
TOTAL				8.0

PER RHEEM RTGH-95:
 4.2 GPM = 90° RISE OF 50° INCOMING WATER SERVICE
 8.0 / 4.2 = 1.90 UNITS REQUIRED; 2 UNITS PROVIDED

KITCHEN EQUIPMENT PLUMBING CONNECTION SCHEDULE

ITEM NO	QTY	DESCRIPTION	PLUMBING				NOTES
			HW	CW	DIR	IND	
41	2	BUILT IN HAND SINK	YES	YES	YES		PROVIDE DELTA 2171LF-WBHHDF FAUCET
96	2	ESPRESSO MACHINE			3/8"		INSTALL WATER SHUT OFF VALVE (3/8" COMPRESSION)
101P-3	2	AXIOM TWIN COFFEE BREWER		YES			20-90 PSI MACHINE REQUIRES A 3/8" MALE FLARE FITTING
101PP-3	1	AXIOM SINGLE COFFEE BREWER		YES			20-90 PSI MACHINE REQUIRES A 1/4" MALE FLARE FITTING
108A-1	1	HOT WINTER BEVERAGE MACHINE		1/4"			20-90 PSI MACHINE REQUIRES A 1/4" MALE FLARE FITTING
116	1	ISLAND OASIS MACHINE	3/8" O D QC		7/8"		HOT WATER RECOMMENDED WHEN ALLERGENIC PRODUCTS USED
200A	1	ICED COFFEE BREWER IC3DD		1/2"			20-90 PSI MACHINE REQUIRES A 1/4" MALE FLARE FITTING
395	1	HAND SINK WITH SIDE SPLASHES					PROVIDE FACTORY GOOSENECK FAUCET (BACK MOUNT) WITH WRIST BLADES
413	1	ICE MACHINE (PRODUCTION UP TO 905 LBS/ 24 HRS)					
434A	1	112"W X 34"D THREE COMP SINK (USED FOR JUST BAKED)	1/2"	1/2"	1-1/2"		
539B	1	HYDROVECTION OVEN		3/4" NPT			30 MIN - 50 MAX PSI
590A	1	WATER FILTER		3/4"			

- NOTES:
 1. MAXIMUM HOT WATER SUPPLY TEMP=110°F
 2. SEE ARCHITECTURAL DWGS FOR FIXTURE SPECIFICATIONS
 3. SEE ARCHITECTURAL DWGS FOR MOUNTING DETAILS

FIXTURE SPECIFICATIONS:

FLOOR DRAIN (FD):

FIXTURE: JR SMITH 2005-A, ADJUSTABLE STRAINER TOP WITH SECURED GRATE. DURA COATED CAST IRON BODY WITH 4" DRAIN.

TP (TRAP PRIMER):

FIXTURE: ZURN Z-1022 SANI-GARD. CONNECT TO CW WITH VALVE, EXTEND TPP TO FLOOR DRAIN AS REQUIRED, 1/2" CW.

FLOOR SINK (FS):

FIXTURE: JR SMITH 3020, ADJUSTABLE STRAINER TOP WITH SECURED GRATE. DURA COATED CAST IRON BODY WITH FULL GRATE 4" DRAIN WITH 13.25"X5.75" OPENING.

WALL CLEANOUTS (WCO):

FIXTURE: ZURN COMPANY #Z-1446, COATED CAST IRON CLEANOUT TEE, HUB AND SPIGOT CONNECTION, BRONZE PLUG.

COVER: ROUND STAINLESS STEEL WALL ACCESS COVER WITH SCREW.

FLOOR CLEANOUTS (CO):

FIXTURE: ZURN COMPANY #Z-1400, COATED CAST IRON ADJUSTABLE, HUB AND SPIGOT CONNECTION, BRONZE PLUG.

COVER: STAINLESS STEEL TOP

NON-FREEZE WALL HYDRANT (NFWH):

FIXTURE: WOODFORD B65 VACUUM BREAKER, MOUNT 24" AFG

WC (WATER CLOSET) ADA

(FLOOR MOUNTED - FLUSH TANK)

FIXTURE: KOHLER K-3589 (OR EQUAL)
 SEAT: KOHLER K-4660
 SUPPLY: BRASSCRAFT CR3912

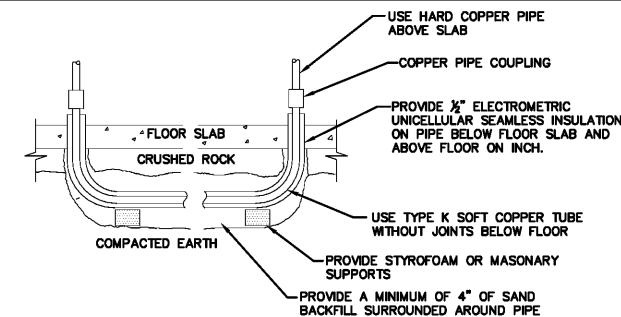
LAV (LAVATORY) ADA

(WALL MOUNTED)

FIXTURE: AMERICAN STANDARD 0321.026 (OR EQUAL)
 FAUCET: DELTA 500-DST (OR EQUAL)
 DRAIN: MCGUIRE 155A
 P-TRAP: PVC MASTER TRAP
 SUPPLIES: BRASSCRAFT CR3912AC
 COVERS: HANDY SHIELD SAFETY
 *PROVIDE CONCEALED ARM SUPPORT SYSTEM

MS (MOP SINK):

FIXTURE: MUSTEE 63M (OR EQUAL)
 FAUCET: MUSTEE 63.600A
 BACK SPLASH: MUSTEE 67.2424

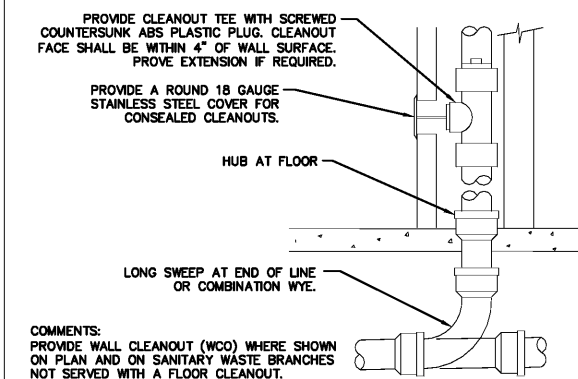


COMMENTS:

- IF FLOOR SLAB IS EXISTING, SAW CUT FLOOR, EXCAVATE AS REQUIRED. INSTALL PIPING, REPAIR VAPOR BARRIER AND PATCH FLOOR AS REQUIRED.
- PIPING TO HAVE LONG RADIUS TURNS WITH NO KINKS IN THE LINE.
- THERE SHALL BE NO CONTACT OF COPPER PIPE WITH ANY OTHER PIPE, CONDUIT, OR REINFORCING STEEL.
- SEPARATE HOT AND COLD WATER LINES BY 12" MINIMUM.

1 WATER PIPE UNDER SLAB

NONE

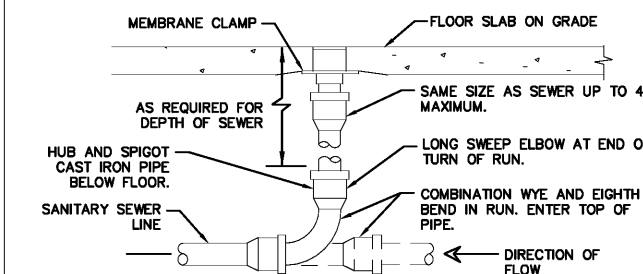


COMMENTS:

PROVIDE WALL CLEANOUT (WCO) WHERE SHOWN ON PLAN AND ON SANITARY WASTE BRANCHES NOT SERVED WITH A FLOOR CLEANOUT.

2 WALL CLEANOUT

NONE

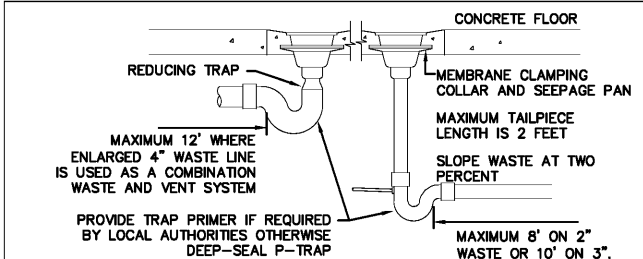


COMMENTS:

- LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 50' INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND. CONSULT LOCAL CODES FOR OTHER FCO REQUIREMENTS.
- ROUND SECURED GASKETED NICKEL BRONZE ADJUSTABLE TOP WITH "CO" CAST IN COVER. PROVIDE CLEANOUT TOP WITH VARIATIONS SUITABLE FOR FLOOR COVERING (CARPET MARKER, RECESSED FOR TILE, SCORIFIED FOR UNFINISHED FLOORS). PROVIDE GASKETED PLASTIC PLUG IN CAST IRON BODY. USE TEFLON JOINT COMPOUND ON PLUG THREADS. CLEAN THE TOP OF EXPOSED FCO AFTER INSTALLATION.

3 FLOOR CLEANOUT DETAIL

NONE



COMMENTS:

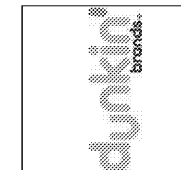
- LOCATE FLOOR DRAIN/SINK WHERE SHOWN ON DIMENSIONED FLOOR PLAN. IF SITUATION IS FLOOR SLAB ON GRADE, SET DRAIN BODY IN PLACE, PROVIDE BACKFILL, AND POUR AROUND IT. RECESS TOP OF FLOOR DRAINS 1/2" BELOW FLOOR DATUM AND SLOPE FLOOR TO IT. DO NOT RECESS FLOOR SINKS.
- OTHER VENTING METHODS MAY BE USED, IF APPROVED BY LOCAL CODE AND/OR LOCAL AUTHORITIES.

4 FLOOR DRAIN AND SINK DETAIL

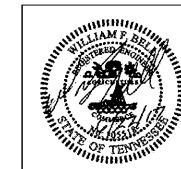
NONE

No	Date	Description

This Drawing and all associated designs are the property of COPELAND ARCHITECTURE and shall be returned upon completion of work. Use or copy is permitted by contract only. Unauthorized use will be prosecuted.



A NEW DARK ROAST STORE
 DUNKIN' DONUTS
 for
 SHULER DEVELOPMENT
 STORE #357147
 4880-4890 PORT ROYAL ROAD
 SPRING HILL, TN 37174



EDWARD L. COPELAND, AIA
 4511 CHAMBLEE DUNWOODY ROAD, SUITE E-1
 ATLANTA, GEORGIA 30338
 PH. 770.551.9525 FAX 770.551.9524
 WWW.COPELANDARCHITECTURE.COM

DRAWN BY: SP
 CHECKED BY: CAH
 DATE: 06/22/17
 SCALE:
 C.A. COMMISSION NUMBER 1704
 SHEET NAME PLUMBING LEGEND, SCHEDULES, & SPECIFICATIONS
 SHEET NUMBER

WILLIAM F. BELL
 Engineer
 TN REG. # 105518
 1702 Sheep Cliff Road
 Marietta, GA 30066
 (404) 897-7602

P1.0