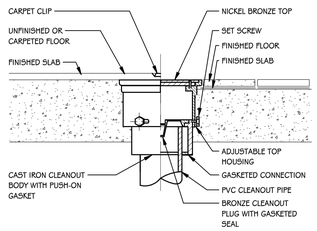
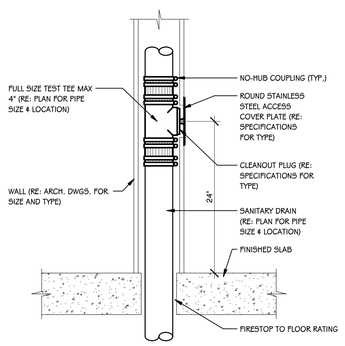
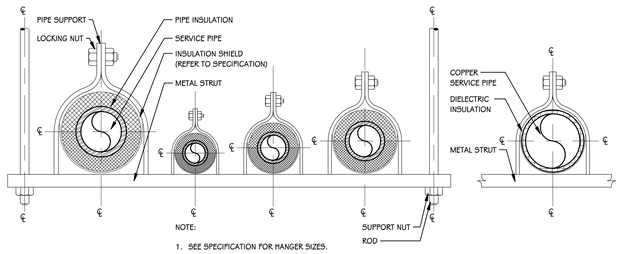


FLOOR CLEANOUT DETAIL
SCALE: NONE

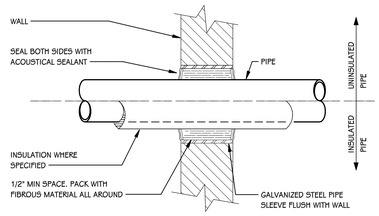


WALL CLEANOUT DETAIL
SCALE: NONE



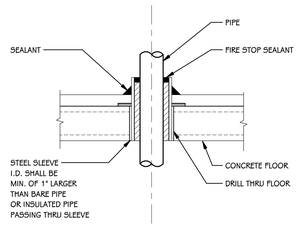
NOTE:
1. SEE SPECIFICATION FOR HANGER SIZES.

PIPE HANGER SUPPORT DETAIL
SCALE: NONE

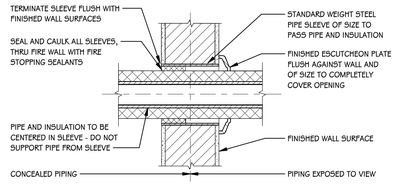


NOTE
1. WHERE PIPING IS EXPOSED TO VIEW PROVIDE WITH ESCUTCHEON.
2. FOR RATED WALLS REFER TO FIRE STOP SPECIFICATIONS.

PENETRATION NOT RATED DETAIL
SCALE: NONE

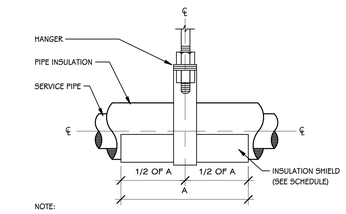


PIPING SLEEVE DETAIL - THRU FLOOR
SCALE: NONE



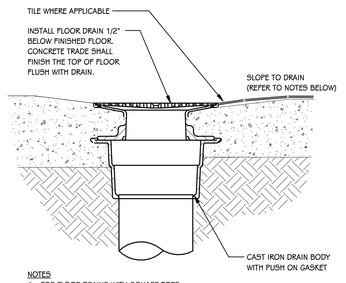
PIPING SLEEVE DETAIL - INTERIOR WALL
SCALE: NONE

INSULATION SHIELD SCHEDULE			
PIPE SIZE	DIMENSION "A"	GAUGE OF SHIELD	SHIELD THICKNESS
1/2" TO 4"	12"	18	0.0480
5" TO 6"	18"	16	0.0600
ABOVE 6"	24"	14	0.0750



NOTE:
1. SEE SPECIFICATION FOR FLANGE SIZES

PIPE HANGER / SHIELD DETAIL
SCALE: NONE



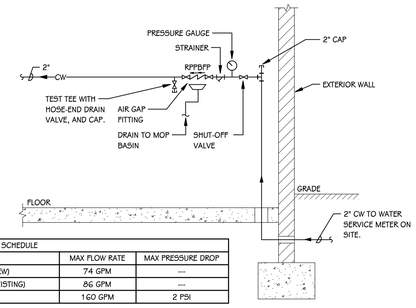
NOTES
1. FOR FLOOR DRAINS WITH SQUARE TOPS.
   A. WHERE TILE HAS A DIMENSION LARGER THAN 2", MOUNT THE FLOOR DRAIN FLUSH WITH THE FINISHED FLOOR. DO NOT SLOPE THE FLOOR TO THE DRAIN.
   B. ALIGN FLOOR DRAIN TOPS WITH TILE FLOORS.
2. WHERE EDGE OF FLOOR DRAIN IS WITHIN 24" OF WALL, ADJUST SLOPE TO SUIT INSTALLATION.

FINISH FLOOR DRAIN DETAIL
SCALE: NONE

PROPANE GAS LOAD SCHEDULE - TOTAL BUILDING

EQUIPMENT	LOAD (CFH)	PRESSURE (IN WC)
RTU-101	162	11" - 13"
RTU-102A	162	11" - 13"
RTU-102B	162	11" - 13"
[E]AC-1	40	[EXISTING]
[E]AC-2	40	[EXISTING]
[E]AC-3	40	[EXISTING]
[E]AC-4	40	[EXISTING]
[E]AC-A	48	[EXISTING]
[E]AC-B	40	[EXISTING]
[E]AC-C	40	[EXISTING]
[E]AC-D	40	[EXISTING]
[E]AC-E	40	[EXISTING]
[E]AC-F	40	[EXISTING]
[E]WH-1	14	[EXISTING]
	908	

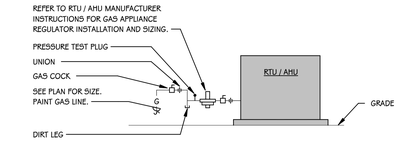
NOTE: FIELD VERIFY AND DOCUMENT EXISTING EQUIPMENT GAS LOADS, GAS PRESSURE TO EQUIPMENT, AND GAS REGULATOR LOCATIONS PRIOR TO DEMOLITION. COORDINATE WITH CIVIL AND PROPANE TANK GAS PROVIDER FOR CONNECTING INTO AND RESIZING EXISTING BURIED PROPANE TANK PIPING AND ACCESSORIES. ADJUST PRESSURE TO ALL EXISTING EQUIPMENT TO THEIR ORIGINAL CONDITIONS UPON STARTUP.



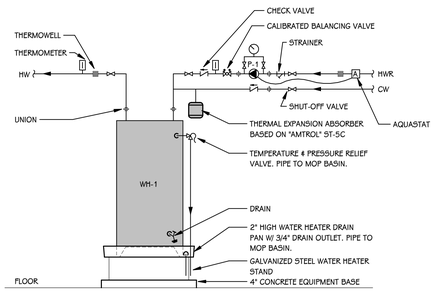
WATER METER SCHEDULE		
SERVICE	MAX FLOW RATE	MAX PRESSURE DROP
DOMESTIC (NEW)	74 GPM	---
DOMESTIC (EXISTING)	86 GPM	---
TOTAL	160 GPM	2 PSI

NOTE: WATER METERS TO BE SIZED BY LOCAL MUNICIPALITY WATER DEPARTMENT.

WATER SERVICE PIPING DETAIL
SCALE: NONE



TYPICAL RTU GAS PIPING DETAIL
SCALE: NONE



ELECTRIC, DOMESTIC STORAGE HOT WATER HEATER - WH-1

BASED ON "AO SMITH" OR APPROVED EQUAL. MODEL "DRE-52-18", 50 GAL. STORAGE, HIGH EFFICIENCY, COMMERCIAL WATER HEATER. 18 KW TOTAL INPUT, 115 GPH @ 65°F TEMP RISE, HOT WATER SUPPLY AND RETURN CONNECTIONS. MANUFACTURER TO PROVIDE UNIT WITH INTEGRAL TEMPERATURE CONTROL, SURFACE MOUNTED THERMOSTATS WITH HIGH TEMPERATURE CUT-OFF, AND DRAIN VALVE. ELECTRICAL INSTALLER TO PROVIDE UNIT WITH FUSED DISCONNECT. ELECTRICAL = 460/3/60 (21.7 FLA, 30 MOCP).

DOMESTIC HOT WATER RECIRCULATION PUMP - P-1

BASED ON "BELL & GOSSETT" ECOCIRC XL 20-35 BRONZE LEAD FREE, 5 GPM @ 15' HEAD, 1/12HP, 120/1/60.

WATER HEATER DETAIL - ELECTRIC
SCALE: NONE

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KEY PLAN

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WWW.LIVESPACE.COM

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NO.	DESCRIPTION	ISSUE DATE
A	ISSUED FOR 100% DD	2026.01.30
B	ISSUED FOR PERMIT	2026.03.23
C	ISSUED FOR 95% CD	2026.04.30

NOT FOR CONSTRUCTION

PROJECT NAME
TOWNE SOUTH CHURCH
2224 PEARTREE RD,
ELIZABETH CITY, NC 27909

CURRENT ISSUE
ISSUED FOR 95% CD
2026.04.30

SHEET NAME
PLUMBING SCHEDULES AND DETAILS

PROJECT NUMBER
25-623

SCALE
NONE

DRAWING NUMBER
P-501

4/29/2026 2:45:35 PM

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