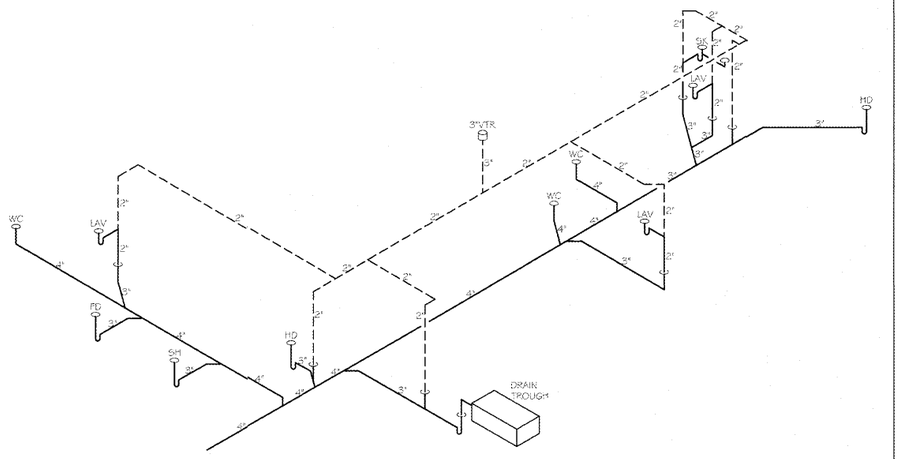
WASTE/VENT ISOMETRIC

NO SCALE



PLUMBING FIXTURE SCHEDULE

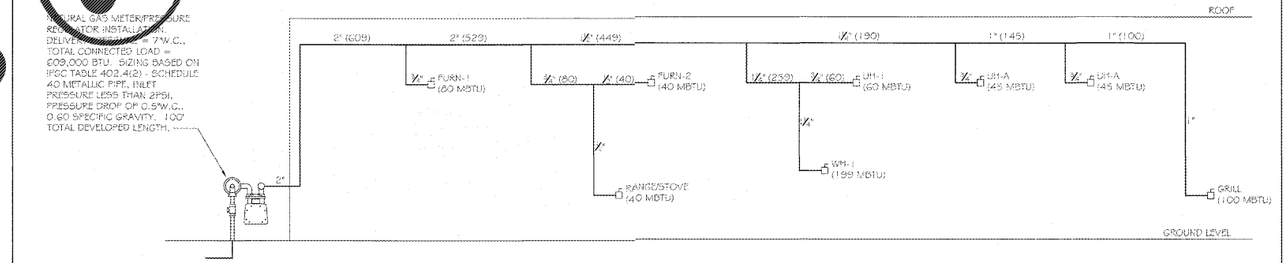
MARK	DESCRIPTION	WASTE RUNOUT	WASTE CONN.	VENT	WATER RUNOUT CW	WATER RUNOUT HW	WATER CONN. CW	WATER CONN. HW	SPECIFICATION
L-1	LAVATORY (ADA) - UNDERMOUNT	2"	1 1/2"	2"	1/2"	1/2"	3/8"	3/8"	UNDERMOUNT LAVATORY (AMERICAN STANDARD "OVALYN," 0496.221) AND 0.5GPM SINGLE HANDLE FAUCET WITH POLISHED CHROME FINISH (DELTA 501LF-HGAMDPU). HANDICAP DRAIN OFFSET WASTE DRAIN (ZURN Z8746-PC) AND CHROME PLATED P-TRAP (ZURN Z8701-PC). CHROME PLATED BRASS ANGLE SUPPLY STOPS WITH 12" LONG X 3/8" FLEX SUPPLIES (MOGUL H165). WHERE NOT CONCEALED BY COUNTER SHROUD, INSULATE OFFSET, TRAP AND SUPPLY LINES (TRUEBRO "LAVGUARD," #103 PJ). PROVIDE MIXING VALVE TO TEMPER HOT WATER TO 110 DEGREES (LAWLER 7MM, ASSE 1070, LEAD FREE).
WC-1	WATER CLOSET (ADA) - TANK TYPE	4"	3"	2"	1/2"	---	1/2"	---	FLOOR MOUNTED, ELONGATED ADA TANK TYPE WATER CLOSET (AMERICAN STANDARD "CADET PRO RIGHT HEIGHT," 2158A.104), 1.28 GPF, WHITE VITREOUS CHINA, GRAVITY FED FLUSH ACTION. TOP OF RIM AT 16.5" AFF. HIGH EFFICIENCY WATERSENSE LISTED). PROVIDE ALTERNATE TANK CONFIGURATION (2158A.105) WITH TRIP LEVER ON RIGHT HAND SIDE IF NECESSARY TO HAVE LEVER ON MOST ACCESSIBLE SIDE. ELONGATED CLOSET, HEAVY DUTY OPEN FRONT SEAT, LESS COVER, WITH SELF-SUSTAINING CHECK HINGE (BEMIS 1055SSC). CHROME PLATED BRASS ANGLE SUPPLY STOP WITH 12" LONG X 3/8" FLEX SUPPLY (MOGUL M165).
SK-1	STAINLESS SINK, DOUBLE-BOWL (ADA)	2"	1 1/2"	2"	1/2"	1/2"	3/8"	3/8"	STAINLESS STEEL DOUBLE BOWL DROP-IN SINK (ELKAY LRAD3322[illegible] DOUBLE BOWL, DIMENSIONS: 13 3/4"L. (D) W. 6 3/4" D. ADA COMPLIANT). FAUCET WITH 8" CENTERS, 360 SWIVEL SPOUT AND SIDE SPRAY (DELTA 2038LF-HDF). PROVIDE 1.5 GPM AERATOR. PROVIDE CHROME PLATED P-TRAP (WCJ-CHROME PLATED BRASS ANGLE SUPPLY STOPS WITH 12" LONG X 3/8" FLEX SUPPLIES. PROVIDE BASKET STRAINERS (ZURN Z8741-S).
FD-1	FLOOR DRAIN - GENERAL PURPOSE	3"	3"	2"	---	---	---	---	CAST IRON, [illegible] FLOOR DRAIN (J.R. SMITH #2005) WITH FLASHING COLLAR, ADJUSTABLE STRAINER HEAD AND ROUND NICKEL BRONZE STRAINER. PROVIDE SQUARE STRAINER FOR TILE APPLICATIONS. WHERE TRAP PRIMER IS SHOWN ON PLAN, PROVIDE TRAP PRIMER CONNECTION (1/2").
BFP-1	BACKFLOW PREVENTER (BEVERAGE EQUIPMENT)	---	---	---	1/2"	---	---	---	[illegible] CHECK BACKFLOW PREVENTER WITH ATMOSPHERIC VENT AND INTEGRAL STRAINER. LEAD FREE. FOR 3/4" AND 1" CONNECTIONS, PROVIDE WATTS 9D-3 (ASSE 1022). FOR 1/2" WATER [illegible] CONNECTIONS, PROVIDE WATTS LF009-QT (ASSE 1015).
TP-1	LAVATORY TYPE TRAP PRIMER	1/2"	1/2"	---	---	---	---	---	LAVATORY TRAP PRIMER SYSTEM WITH P-TRAP AND 1/2" PRIME TUBE WITH WALL ESCUTCHEON (J.R. SMITH "PRIME-EZE"). ASSE STANDARD 1044.
TP-A	AUTOMATIC TRAP PRIMER	---	---	---	1/2"	---	---	---	AUTOMATIC TRAP PRIMER (P.E.P. MODEL P2-500). FOR TWO LINES, PROVIDE DISTRIBUTION UNIT DU-4/DU-U. FOR THREE OR FOUR LINES, PROVIDE MODEL P1-500 AND DU-4/DU-U. ASSE STANDARD 1018.
ET-1	POTABLE WATER EXPANSION TANK	---	---	---	3/4"	---	3/4"	---	LEAD-FREE POTABLE WATER EXPANSION TANK (WATTS PLT-5). 2.1 GALLONS TOTAL VOLUME, 0.8 GALLONS MAXIMUM ACCEPTANCE VOLUME.
IMB-1	ICE MAKER/REFRIGERATOR BOX	---	---	---	---	---	1/2"	---	ICE MAKER CONNECTION BOX (OATEY #38[illegible] SERIES), 6"X6", LOW LEAD, 1/4 TURN BRASS VALVE WITH INTEGRAL FACTORY INSTALLED WATER HAMMER ARRESTOR. PROVIDE BACKFLOW PREVENTER IN SUPPLY LINE (WATTS 9DS," ASSE 1022)
FHB-1	FREEZEPROOF HOSE BIBB	---	---	---	3/4"	---	3/4"	---	WOODFORD MODEL 25 AUTOMATIC DRAINING FREEZELESS HOSE BIBB WITH 3/4" HOSE CONNECTION AND WHEEL HANDLE.
SH-1	SHOWER (ADA)	---	---	2"	1/2"	1/2"	1/2"	1/2"	AMERICAN STANDARD "FLOWISE SHOWER SYSTEM (1662.210), CONTAINING PRESSURE BALANCING VALVE, TRIM KIT, 3-FUNCTION HAND SHOWER, METAL HOSE, VACUUM BREAKER, 2-WAY DIVERTER VALVE, SHOWERHEAD, WALL SUPPLY AND 36" SLIDE BAR. PROVIDE SHOWER DRAIN WITH FLASHING COLLAR AND ROUND TOP ADJUSTABLE STRAINER HEAD (J.R. SMITH #2010). SHOWER ENCLOSURE AS SPECIFIED BY ARCHITECT.
WH-1	WATER HAMMER ARRESTOR	---	---	---	see plan	---	see plan	---	WATER HAMMER ARRESTOR (J.R. SMITH SERIES 5005-5050). FOR SIZE AS INDICATED ON DRAWINGS.

GAS WATER HEATER SCHEDULE

MARK	TANK CAPACITY	RECOVERY	SETPOINT	INPUT	EFFICIENCY	ELECTRICAL	BASIS
WH-1	100 GAL	226 GPH @ 80° RISE	140°	199,900 BTU	97 %	120V/5.0A	A.O. SMITH BTH-199 (Cyclone Max)

NATURAL GAS RISER DIAGRAM

NO SCALE



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GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL GUARANTEE TO THE OWNER ALL WORKMANSHIP AND MATERIALS, WHETHER FURNISHED BY THE CONTRACTOR OR SUB-CONTRACTORS, AGAINST DEFECTS FOR A MINIMUM PERIOD OF ONE (1) YEAR AFTER THE DATE OF FINAL ACCEPTANCE BY OWNER. FAILURE OF ANY SUCH ITEMS SHALL BE MADE GOOD BY THE CONTRACTOR AT THE CONTRACTORS OWN EXPENSE.
2. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT FROM DAMAGE OR DESTRUCTION ALL EXISTING MATERIALS AND FINISHES TO REMAIN IN ADJACENT OR NEARBY AREAS. THE CONTRACTOR SHALL REPLACE ANY DAMAGED OR DESTROYED ITEMS BY OPERATIONS UNDER THIS CONTRACT.
3. PRODUCTS, TRADE NAMES AND/OR MANUFACTURERS NOTED WITHIN THESE DOCUMENTS ARE PROVIDED TO ESTABLISH A STANDARD OF QUALITY. UNLESS OTHERWISE INDICATED, APPROVED EQUAL PRODUCTS OF ANOTHER MANUFACTURER MAY BE USED WITH THE WRITTEN PERMISSION OF THE ARCHITECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SUPPLIER TO PROVE TO THE ARCHITECT BEFORE THE DATE OF BID THAT THEIR PRODUCT IS EQUAL TO OR BETTER THAN THOSE PRODUCTS SPECIFIED. IF AN "OR EQUAL" PRODUCT IS USED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ANY NECESSARY CHANGES TO THE STRUCTURE AND INTERIOR LAYOUT AT THE CONTRACTOR'S OWN EXPENSE, AFTER OBTAINING THE ARCHITECT'S ACCEPTANCE OF SUCH CHANGES.
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER A DESIGNATED SITE OR SITES FOR STORAGE OF MATERIALS AND EQUIPMENT FOR THE DURATION OF THE CONSTRUCTION CONTRACT.
5. DIMENSIONS SHOWN ON THE DRAWINGS ARE TO ROUGH SURFACES, EXCLUSIVE OF FINISH MATERIALS, EXCEPT AS NOTED OTHERWISE. DO NOT SCALE THE DRAWINGS.
6. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT AND CURRENTLY ENFORCED BUILDING CODES BY ALL GOVERNING JURISDICTIONS, INCLUDING BUT NOT LIMITED TO ALL PROVISIONS OF THE AMERICAN WITH DISABILITIES ACT.

The contractor shall be responsible for all fees and obtaining all necessary and relevent permits and approvals relating to staging and construction of this project. The contractor shall comply with all relevent building, construction and work safety codes. The contractor shall verify all dimensions and elevations in the field before starting work and immediately report to the architect any discrepencies discovered.

PROFICIENT
ENGINEERING
6991 Peachtree Industrial Blvd Building 702
Norcross, Georgia 30092
404.358.6796
PROJECT # 117260

GEORGIA REGISTERED PROFESSIONAL ENGINEER MIKE ROEVER

DOUGLAS COUNTY FIRE STATION 3

CLIENT:
Owner

DRAWING TITLE:
RISER DIAGRAMS & SCHEDULES

ISSUANCE	DATE	DRAWING NO.
Permit Set	08.31.17	P-03

COMMISSION: Project Number
DRAWN BY: MI