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PLUMBING GENERAL NOTES

- G1 PROVIDE LABOR, EQUIPMENT AND MATERIALS TO COMPLETE THE PLUMBING WORK INDICATED ON THESE DRAWINGS AS REQUIRED BY LOCAL CODE AND ORDINANCES.
- G2 INCLUDE WASTE, VENT, DOMESTIC COLD & HOT WATER PIPING, AS INDICATED ON THESE DRAWINGS, AS WELL AS HOOKUP OF FIXTURES AND INSULATION OF PIPING.
- G3 INCLUDE ITEMS, SUCH AS FITTINGS, ETC. NOT MENTIONED BUT UNDERSTOOD TO BE NECESSARY TO COMPLETE THE PLUMBING SYSTEM.
- G4 SOIL, WASTE, VENT AND WATER PIPING MATERIALS MUST MEET OR EXCEED LOCAL CODES.
- G5 PROVIDE CLEANOUTS FOR SOIL AND WASTE LINES THAT MEET OR EXCEED LOCAL CODES.
- G6 CAP STUBS FOR THE DRAINAGE SYSTEM UNTIL FINISHED WORK IS INSTALLED.
- G7 PROVIDE WATER HAMMER ARRESTERS IN ACCORDANCE WITH THE SOUTH CAROLINA PLUMBING CODE AND LOCAL ORDINANCES.
- G8 LOCATE TRAP PRIMER VALVES ABOVE THE CEILING. ROUTE PRIMER LINES TO FLOOR DRAINS DOWN INSIDE WALL AND BELOW SLAB.
- G9 LOCATE PLUMBING FIXTURES PER ARCHITECTURAL DRAWINGS. PIPING IS SHOWN IN GENERAL LOCATION. EXACT LOCATION WILL BE DETERMINED BY JOB CONDITIONS.
- G10 COMPLETE WORK IN ACCORDANCE WITH THE SOUTH CAROLINA PLUMBING CODE AND LOCAL ORDINANCES. SEE SPECIFICATIONS FOR PRODUCT AND INSTALLATION REQUIREMENTS.
- G11 GUARANTEE WORK UNDER THIS CONTRACT TO BE FREE FROM DEFECTIVE WORKMANSHIP, MATERIALS AND EQUIPMENT FOR ONE YEAR AFTER ACCEPTANCE OF THE BUILDING BY THE OWNER. SHOULD SUCH DEFECTS OCCUR DURING THE ONE YEAR PERIOD, REPAIR AND/OR REPLACE DEFECTIVE ITEMS AND DAMAGE RESULTING FROM THE FAILURE OF THESE ITEMS AT NO EXPENSE WHATSOEVER TO THE OWNER.
- G12 COORDINATE BONDING OF METALLIC PIPES (GAS, WATER, ETC.) WITH ELECTRICAL. ALL VALVES 2" OR LESS MUST BE BALL VALVES.
- G13 ALL VALVES 2" OR LESS MUST BE BALL VALVES.
- G14 COORDINATION: SUBCONTRACTORS AND SUPPLIERS ARE EACH RESPONSIBLE FOR COORDINATION OF THEIR WORK WITH OTHER TRADES AND WITH ALL DRAWINGS AND SPECIFICATIONS THAT MAKE UP THE CONTRACT DOCUMENTS. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO BE FAMILIAR WITH NOT ONLY ITS WORK, BUT WITH THE OVERALL PROJECT SCOPE AND THE WORK BY OTHERS DELINEATED IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS THAT MIGHT IMPACT, OR NEED TO BE COORDINATED WITH ITS WORK.
- G15 PLUMBING EQUIPMENT BASIS OF DESIGN IS NOT INTENDED TO LIMIT SELECTION. PROVIDE INDICATED EQUIPMENT OR EQUIPMENT OF EQUAL PERFORMANCE AND QUALITY.

NATURAL GAS LOADS

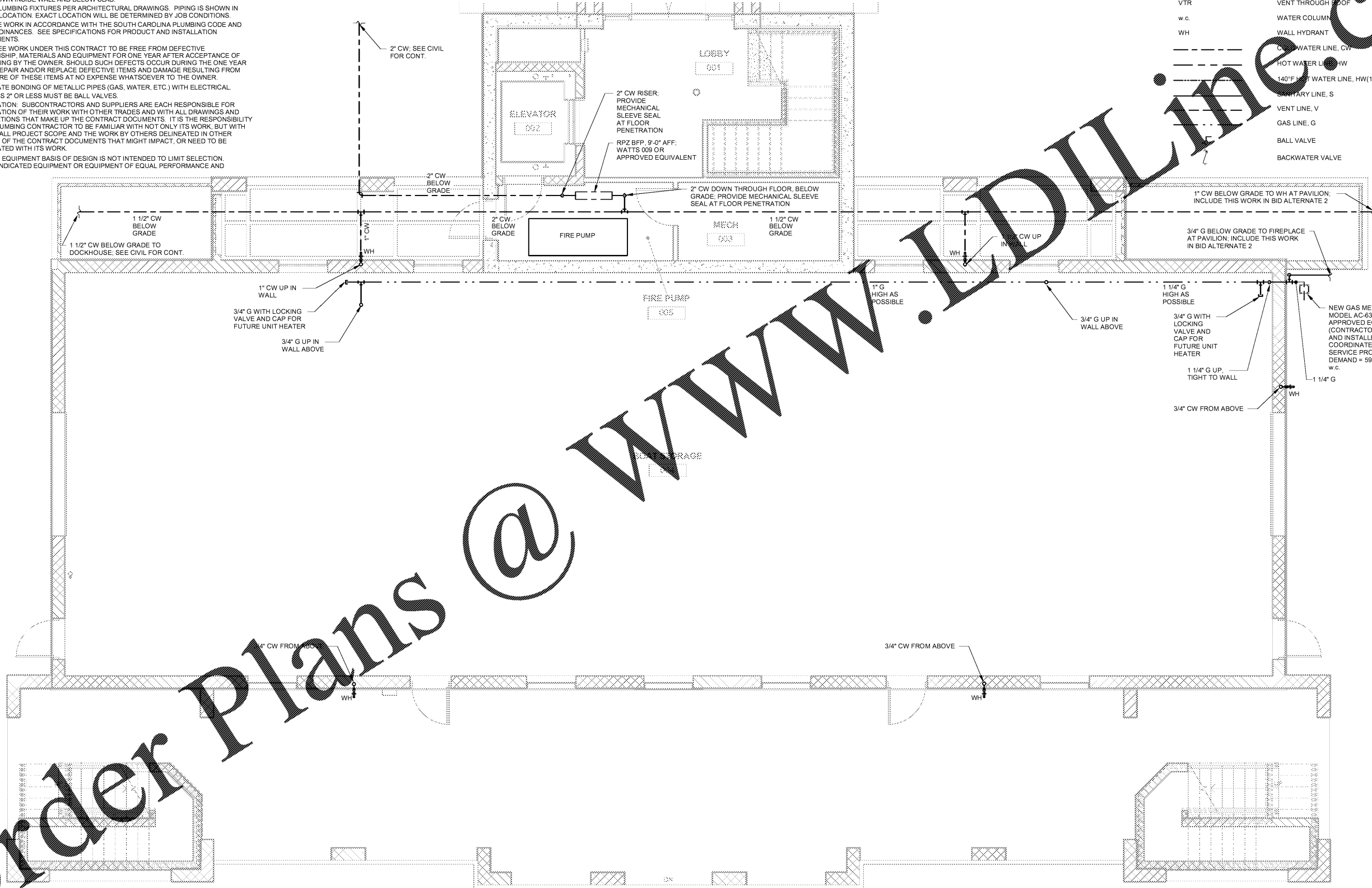
MBTUH	DESCRIPTION
398	(2) WATER HEATERS (199 MBTUH EA.)
200	(2) UNIT HEATERS (100 MBTUH EA.) (FUTURE)
598	TOTAL MBTUH

598/1.030 = 581 TOTAL CUBIC FEET PER HOUR

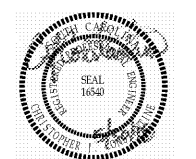
PER SCHEDULE 402.4(3) OF THE 2015 SCFGC, A (8" w.c.) 1-1/4" SCHEDULE 40 METALLIC PIPE WITH 150' LENGTH HAS A CAPACITY OF 848 CUBIC FEET PER HOUR

PLUMBING LEGEND

Symbol	DIAMETER
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
CO	CLEANOUT
DFF	DESIGN FLOOD ELEVATION
FD	FLOOR DRAIN
GWH	GAS WATER HEATER
IMB	ICE MAKER BOX
VTR	VENT THROUGH ROOF
w.c.	WATER COLUMN
WH	WALL HYDRANT
---	COLD WATER LINE, CW
---	HOT WATER LINE, HW
---	140°F HOT WATER LINE, HW(140)
---	VENT LINE, S
---	VENT LINE, V
---	GAS LINE, G
---	BALL VALVE
---	BACKWATER VALVE



PLUMBING SUPPLY PLAN - GROUND FLOOR



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BOATING CENTER REDEVELOPMENT - SWAIN BOATING CENTER
 H09-9617-PG-C
CITADEL 11 HAMMOND AVENUE
 CHARLESTON, SC

Revisions	
Rev. No.	Rev. Date

DRAWN BY: DDF
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PLUMBING SUPPLY PLAN

1.P101

BID DOCUMENTS