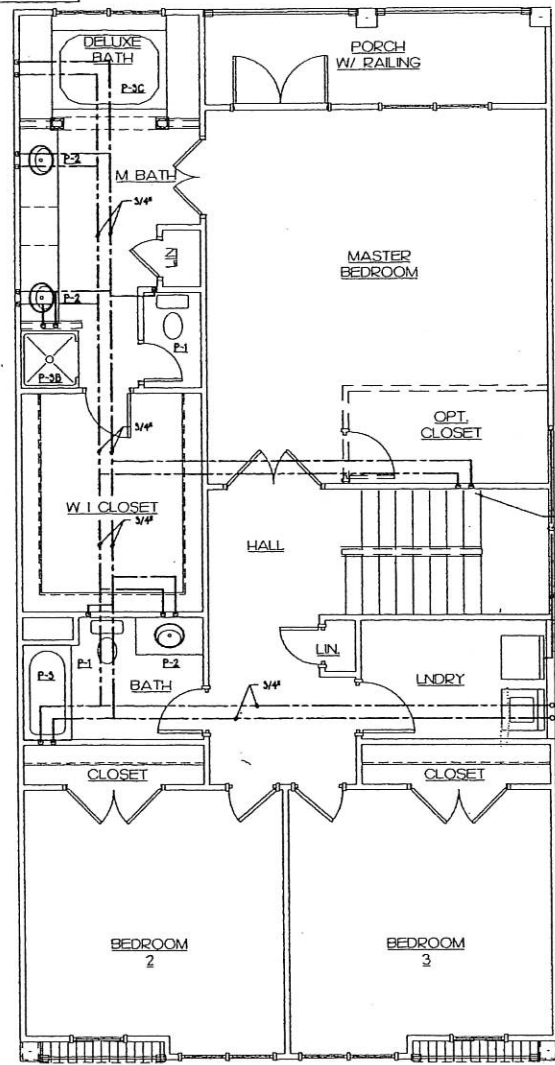
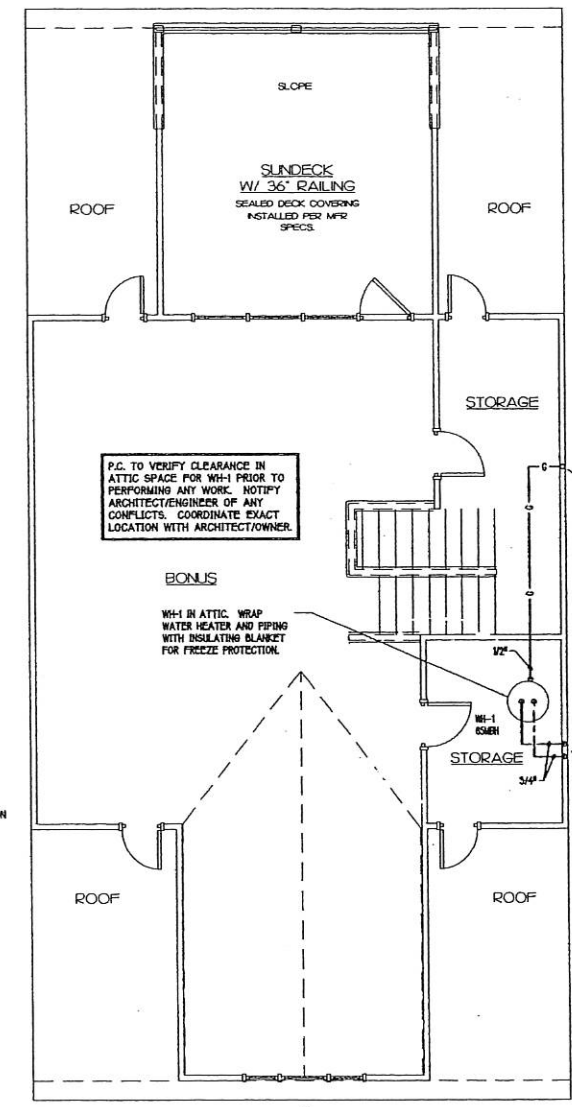


1 FIRST FLOOR THREE STORY UNIT WATER & GAS PLAN
P4 1/4" = 1'-0"

P.C. TO FIELD VERIFY LOCATION OF GAS METER
GAS METER, REGULATOR AND UNDERGROUND SERVICE BY LOCAL GAS COMPANY. 100 MBH AT 2PSIG DELIVERY PRESSURE. 100 FT TO MOST REMOTE FIXTURE.



2 SECOND FLOOR THREE STORY UNIT WATER & GAS PLAN
P4 1/4" = 1'-0"



3 THIRD FLOOR THREE STORY UNIT WATER & GAS PLAN
P4 1/4" = 1'-0"

- PLUMBING NOTES FOR UNIT PLANS:**
- SEE SHEET P1 FOR FIXTURE SCHEDULE & CONNECTION SIZES.
 - ALL WATER SUPPLY LINES IN AN EXTERIOR WALL SHALL BE RUN ON INTERIOR SIDE OF WALL INSULATION.
 - PROVIDE SHUT-OFF VALVE IN EACH UNIT IN AN ACCESSIBLE LOCATION THAT CONTROLS ALL WATER SUPPLY TO THAT UNIT.
 - ALL WATER PIPING IS 1/2" UNLESS OTHERWISE NOTED.
 - PROVIDE ALL REQUIRED PLUMBING CONNECTIONS FOR DISHWASHER AND DISPOSAL IN EACH UNIT PER APM RECOMMENDATIONS.
 - PROVIDE CLEANOUT AT THE BASE OF ALL WASTE STACKS.

GAS LOAD TABLE (3 STORY UNIT)	
LOW PRESSURE PRESSURE DROP: 0.5 IN.W.C. STEEL (SCHD. 40) LENGTH: 100 FT FITTINGS FACTOR: 12 EQUIVALENT TOTAL LENGTH: 120 FT. CAPACITY OF PIPES IN MBH	HIGH PRESSURE ATMOSPHERIC PRESSURE: 14.6954 PSIA PE: 2 PSIG PE: 1 PSIG STEEL (SCHD. 40) LENGTH: 100 FT FITTINGS FACTOR: 12 EQUIVALENT TOTAL LENGTH: 120 FT. CAPACITY OF PIPES IN MBH
1/2"	45
3/4"	64
1"	107
1-1/4"	263
1-1/2"	544
2"	1047
2-1/2"	1668
1/2"	41
3/4"	67
1"	103
1-1/4"	251

NOTE:
GAS PIPING IS SIZED FOR 2PSIG. CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR LOW PRESSURE PIPING.
CONTRACTOR SHALL VERIFY THE AVAILABILITY OF 2PSIG SERVICE BEFORE ANY WORK HAS BEGUN AND NOTIFY ARCHITECT IN WRITING OF AVAILABLE SERVICE.



LAKE SHORE TOWN HOMES

Tega Cay, South Carolina

DATE PRINTED	06/09/05
PROJECT NO.	2530
ISSUED FOR:	Permit & Construction:

P4

TYPICAL 3 STORY UNIT WATER & GAS PLANS