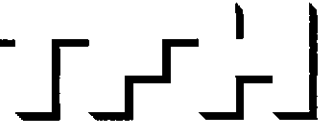


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CHESTNUT STREET LOFTS
 URBAN REVITALIZATION PROJECT
 BY CHESTNUT STREET LLC.
 PORTLAND, MAINE



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 7 Bennett Road
 Freeport, ME 04032
 207-866-8475

REVISIONS:
 Re-issued by Addendum #1
 01-20-06
 100% Construction Documents
 02-24-06
 DATE: February 24, 2006
 PROJECT No. 0422
 DRAWN BY: RPW
 CHECKED BY: RPW
 SCALE: AS NOTED

SHEET TITLE:
**BASEMENT
 MECHANICAL
 FLOOR PLAN**

M1.0

MECHANICAL LEGEND:

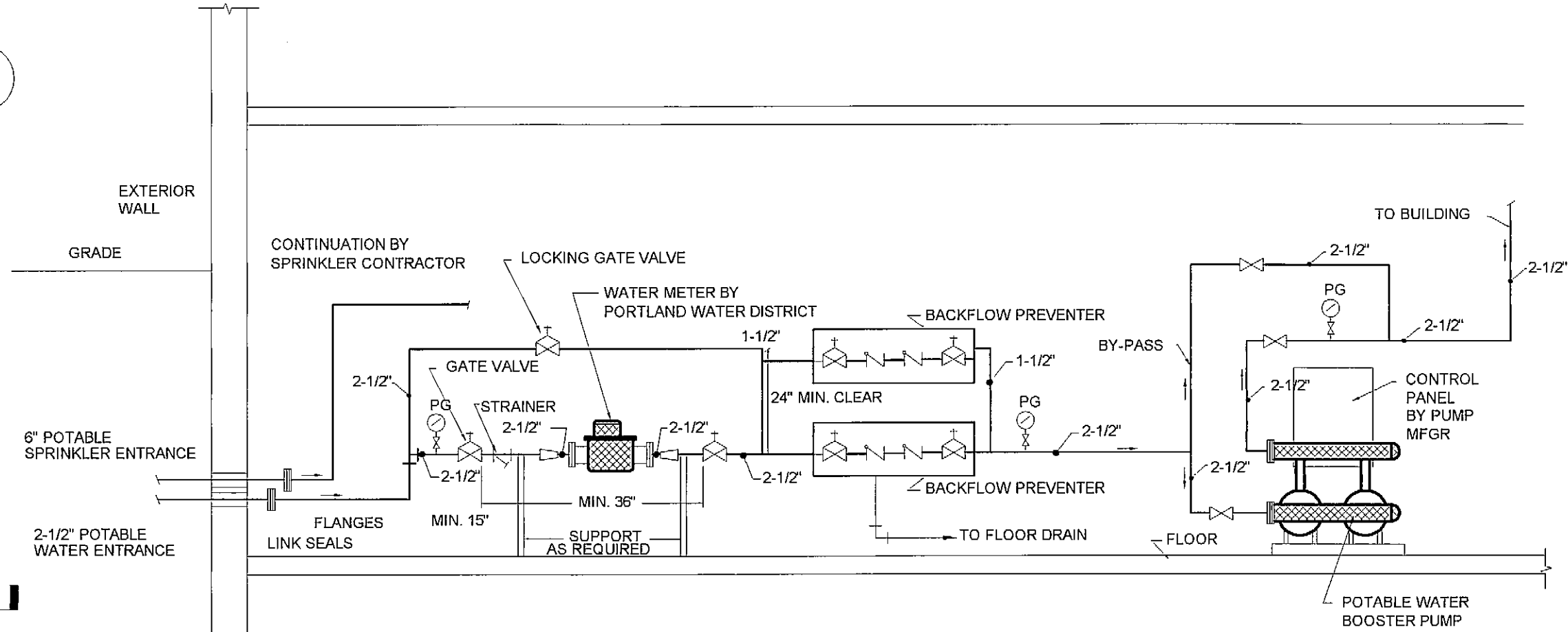
- FIRE DAMPER
- SANITARY SOIL OR WASTE - ABOVE FLOOR
- SANITARY SOIL OR WASTE - UNDER FLOOR
- VENT
- VENT UNDER FLOOR
- NGAS
- CW
- DHW
- RL
- SPKLR
- HWS
- HWR
- PIPING UNDER FLOOR
- PIPE RISER
- PIPE DROP
- BALL VALVE
- GATE VALVE
- CHECK VALVE
- FLOOR DRAIN
- HOT WATER PUMP
- UNION
- CIRCUIT SETTER
- MULTIPURPOSE VALVE
- PRESSURE REDUCING VALVE
- WATTS No. 9 BACKFLOW PREVENTER
- STRAINER
- DIAL TYPE THERMOMETER
- DIAL TYPE PRESSURE GAUGE
- BB
- BFP
- CO
- CW
- DHW DN
- EF
- FBO
- FCO
- NTS
- PWD RECIRC
- RPZ
- TP
- VTR
- WCO
- WM

PLUMBING GENERAL NOTES:

1. ALL PLUMBING FIXTURES SHALL BE BACK VENTED.
2. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH STATE OF MAINE PLUMBING RULES OR THESE CONTRACT DOCUMENTS, WHICHEVER IS MORE STRICT.
3. COORDINATE LOCATION OF PLUMBING PIPING WITH OTHER TRADES.
4. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO PLUMBING FIXTURES PROVIDED BY OTHERS.
5. PIPE SIZES ARE NOMINAL (NOT O.D.) UNLESS INDICATED OTHERWISE.
6. ALL PIPING SHALL RUN CONCEALED UNLESS SHOWN OTHERWISE.
7. ALL PIPING IS SHOWN DIAGRAMMATICALLY. ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD.
8. NO STRUCTURAL MEMBER SHALL BE CUT OR ALTERED WITHOUT APPROVAL OF ARCHITECT.
9. ALL PLUMBING PIPING SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE. ALL PIPING ABOVE SLAB SHALL BE SUPPORTED FROM TOP CHORD OF BAR JOISTS.
10. ALL PIPING SHALL BE NEW, INSTALLED PARALLEL TO BUILDING LINES AND PITCHED TO LOW POINTS.
11. ALL PIPING THRU ROOFS, MASONRY WALLS/ PARTITIONS SHALL HAVE PIPE SLEEVES. ALL PIPING PENETRATING WALLS, PARTITIONS OR FLOORS SHALL BE SEALED PER NFPA 101, "CODE FOR SAFETY TO LIFE FROM FIRE IN BUILDINGS AND STRUCTURES", 2000 EDITION.
12. ALL HOT AND COLD WATER PIPING, BURIED OR OTHERWISE, SHALL BE INSULATED.
13. RUN ALL HOT AND COLD WATER PIPING ON WARM SIDE OF BUILDING INSULATION.
14. PROVIDE SHOCK ABSORBERS SIZED TO P.D.I. STANDARDS WHERE REQUIRED TO AVOID WATER HAMMER.
15. PROVIDE DRAW-OFFS AT LOW POINTS IN DOMESTIC WATER PIPING. PITCH PIPING TO DRAIN.
16. PROVIDE ACCESSIBLE CLEANOUTS AT BASE OF ALL STACKS AS SHOWN OR AS REQUIRED.
17. ALL FIXTURES SHALL HAVE FLOW RESTRICTORS AND BE WATER SAVING TYPES.
18. ALL PIPING DROPS TO FIXTURES SHALL BE ANCHORED SOLID TO WALLS WITH STEEL SUPPORT BRACKET AND ADJUSTABLE CLIP.
19. ALL WALL FIXTURES SHALL BE CARRIER MOUNTED UNLESS SPECIFIED OTHERWISE.
20. ALL FAUCETS SHALL NOT EXCEED AMOUNT OF LEAD SPECIFIED IN THE SAFE WATER DRINKING ACT.
21. COORDINATE LOCATIONS AND MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS.

BOILER SCHEDULE

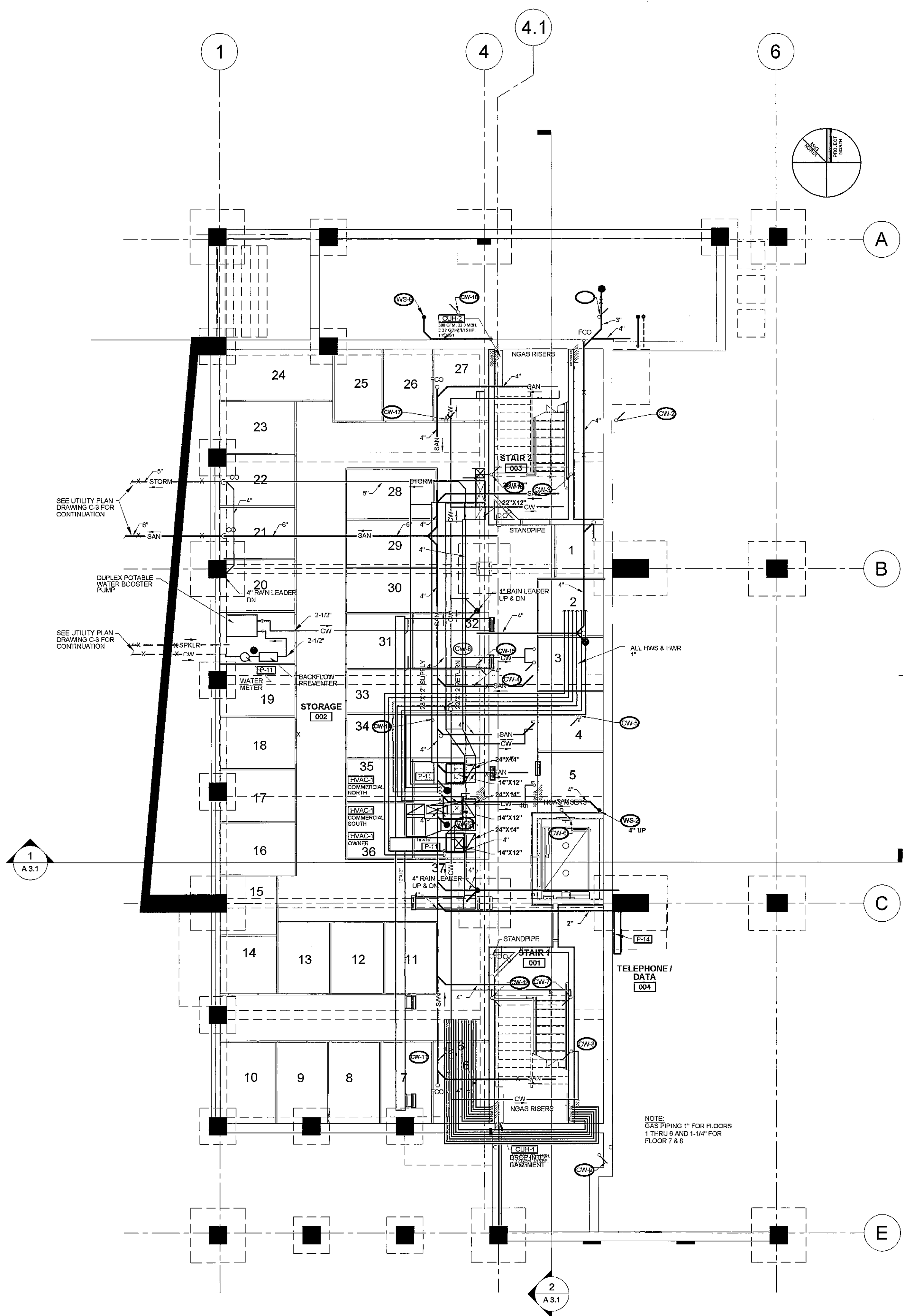
UNIT	INPUT MBH	OUTPUT IBR MBH	MINIMUM OUTPUT	AFUE %	BAXI MODEL NO.	FUEL	ELECTRICAL AMPS	POWER	DOMESTIC HOT WATER OUTPUT
B-1	126.3	105.8	45.0	92	LUNA 310FI	NGAS	15	120/60/1	3.3 GPM @63F TEMPERATURE RISE



WATER ENTRANCE DETAIL
 NTS

PLUMBING FIXTURE SCHEDULE

ITEM	FIXTURE	WASTE	TRAP	VENT	CW	HW	NOTES
P-1	WATER CLOSET	4"	4"	2"	1/2"	---	
P-2	WATER CLOSET ADA APPROVED	4"	4"	2"	1/2"	---	
P-3	WALL MOUNTED LAVATORY	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	
P-4	WALL MOUNTED LAVATORY ADA APPROVED	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	
P-5	TUB/SHOWER	2"	2"	1-1/2"	1/2"	1/2"	
P-6	SHOWER STALL	2"	2"	1-1/2"	1/2"	1/2"	
P-7	KITCHEN SINK SINGLE BOWL	2"	2"	1-1/2"	1/2"	1/2"	
P-8	DISHWASHER (FBO)	2"	2"	1-1/2"	1/2"	1/2"	
P-9	CLOTHES WASHER (FBO)	2"	2"	1-1/2"	1/2"	1/2"	LAUNDRYMATE
P-10	SERVICE SINK	2"	2"	1-1/2"	1/2"	1/2"	
P-11	FLOOR DRAIN	3"	3"	1-1/2"	1/2"	1/2"	W/ TRAP PRIMER
P-12	NON-FREEZE HOSE BIBB	---	---	---	3/4"	---	
P-13	ROOF DRAIN	---	---	---	---	---	SEE ROOF PLAN FOR SIZING
P-14	TRENCH DRAIN	---	---	---	---	---	
P-15	INTERIOR HOSE BIBB	---	---	---	3/4"	3/4"	



1 MECHANICAL BASEMENT PLAN
 A1.6 1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS 02-24-06