

EXISTING WATER ENTRANCE DETAIL
NO SCALE REF: NA

C4 MOP RECEPTOR DETAIL
NO SCALE REF: NA

C3 ADA TRANSFER SHOWER
NO SCALE REF: NA

C2 LAVATORY TRAP PRIMER DETAIL
NO SCALE REF: NA

HARRIMAN
Architects + Engineers

65 Harriman Drive
Auburn, ME 04210
207.784.5100 tel

123 Middle Street
Portland, ME 04101
207.775.0053 tel

One Forester Road
Manchester, NH 03103
603.626.1242 tel

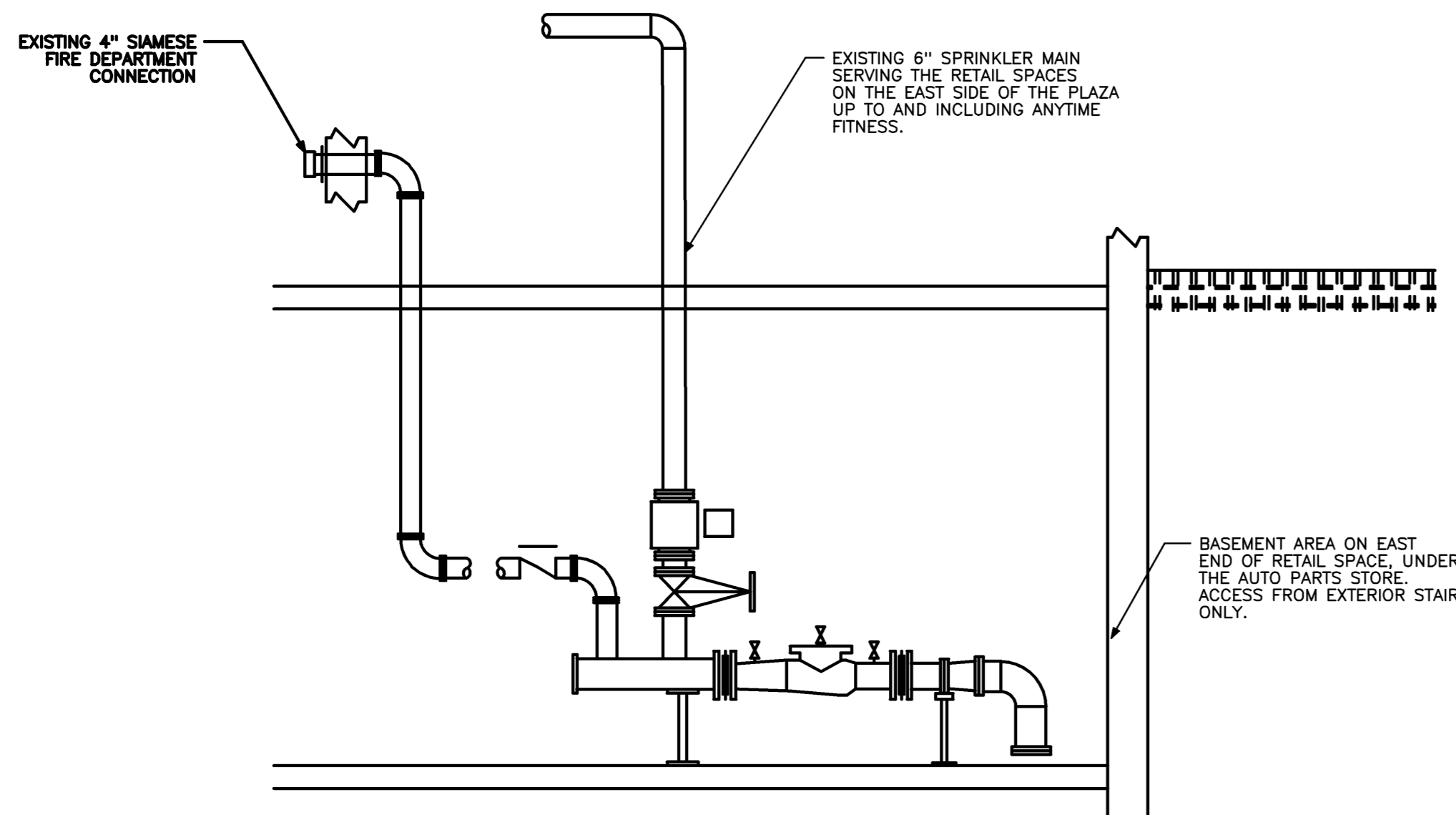
www.harriman.com
© 2011

STATE OF MAINE
CLIFTON W. GREIM
No. 0406
LICENSED PROFESSIONAL ENGINEER

Project Title
WESTGATE SHOPPING CENTER ANYTIME FITNESS
PORTLAND, MAINE

HA Project No. 11110

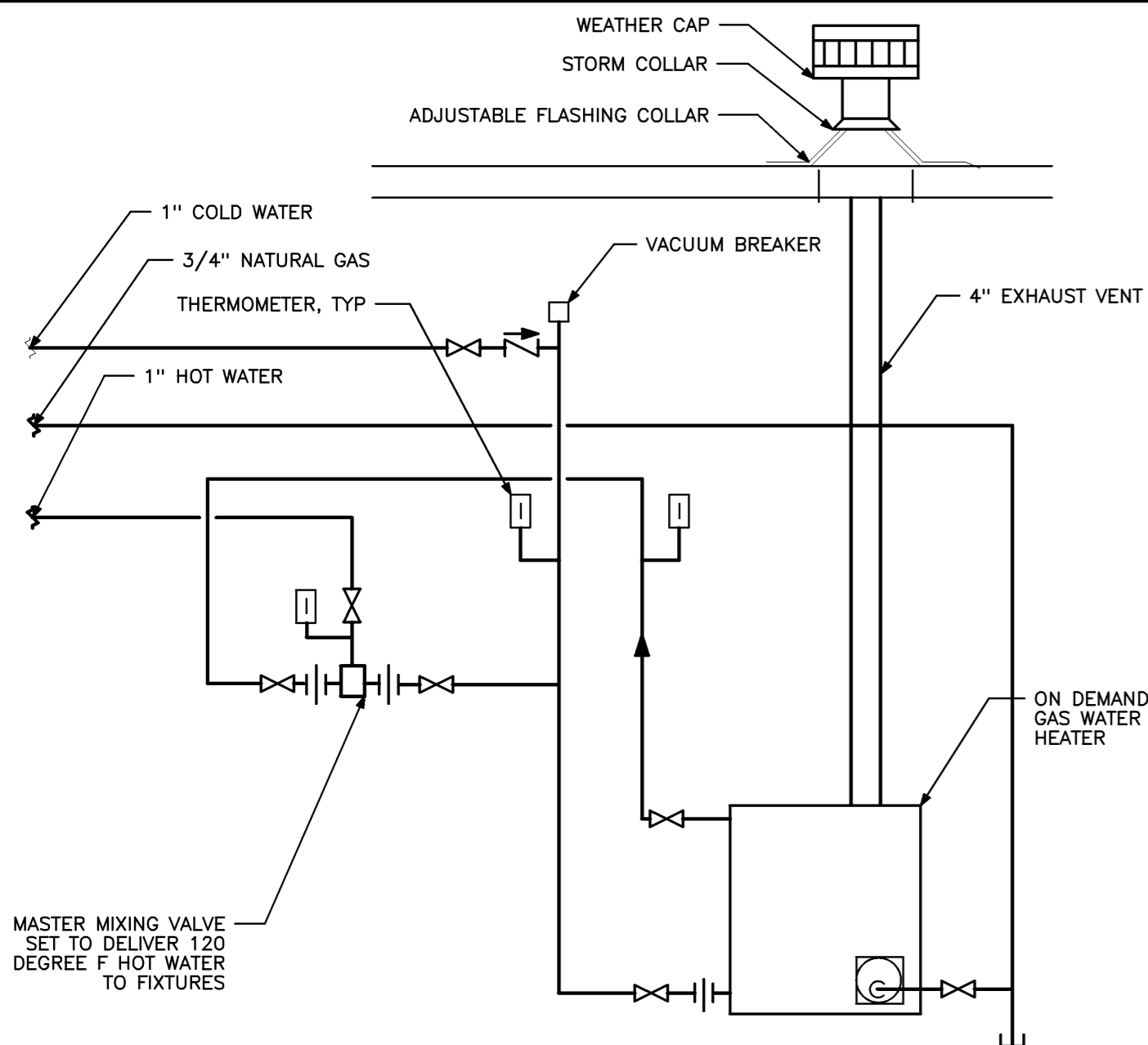
Key Plan



B3 EXISTING SPRINKLER ENTRANCE DETAIL FOR INFO ONLY
NO SCALE REF: NA

PLUMBING FIXTURE INSTALLATION SCHEDULE										
LABEL	FIXTURE DESCRIPTION	BRANCH SIZE					REMARKS	MOUNTING HEIGHT TO RIM	MANUFACTURER	MODEL NUMBER
		VENT	WASTE	CW	HW	GAS				
WC-1	WATER CLOSET	2"	4"	1"	---	---	FLOOR MOUNTED ADA COMPLIANT PRESSURE ASSIST TANK TYPE TOILET	6' 12"	AMERICAN STANDARD	CADET FLOWISE RIGHT HEIGHT
L-1	LAVATORY	1 1/2"	2"	1/2"	1/2"	---	WALL MOUNTED ADA COMPLIANT WITH SHROUD 0059.020 WITH ELECTRIC PROXIMITY FAUCET	34" MAXIMUM	AMERICAN STANDARD	LUCIA ONE5001
SH-1	SHOWER	1 1/2"	2"	1/2"	1/2"	---	ADA COMPLIANT ONE PIECE GELCOAT SHOWER WITH HAND HELD HEAD ON A SLIDE BAR FLOWISE COMMERCIAL SHOWER SYSTEM IS 6PH	FLOOR MOUNTED	AQUATIC	988F9C
MR-1	MOP RECEPTOR	1 1/2"	2"	1/2"	1/2"	---	MILDED STONE FLOOR MOUNTED WITH 6000 SERIES BEAM SPAN AND HORIZONTAL AMERICAN STANDARD EXPOSED YORE UTILITY FAUCET	---	FIAT	MSB020X
DF-1	DRINKING FOUNTAIN	1 1/2"	2"	1/2"	---	---	BLEVEL DRINKING FOUNTAIN WITH BOTTLE FILLING STATION SPOUT SHALL BE NO HIGHER THAN 36" AFF	33"	ELJAY	ED60
FD-1	FLOOR DRAIN	1 1/2"	3"	1/2"	---	---	HEAVY DUTY 8" ROUND JANITORS CLOSERS, MECHANICAL SPACES PROVIDE TRAP PRIMERS	---	ZURN	Z520-DG-P-TS-Y
WH-1	WATER HEATER	---	---	1/2"	---	5 MBH	GAS WATER HEATER WALL MOUNTED INSTANTANEOUS SET TO 90 DEGREES F	---	AO SMITH	ATD-90N
EXP-1	EXPANSION TANK	---	---	1/2"	---	---	FLOOR MOUNTED	---	AMTROL	ST-30V-C
MW-1	MASTER MIXING VALVE	---	---	1 1/4"	1 1/4"	---	EXPOSED SET TO 120 DEGREES F	---	POWERS	SH1434-13
HB-1	HOSE BIB	---	---	1/2"	1/2"	---	EXPOSED WITH VACUUM BREAKER	---	CHICAGO	952-CP

B1 PLUMBING FIXTURE SCHEDULE
NO SCALE REF: NA



SPRINKLER GENERAL NOTES

- DESIGN DENSITIES: NFPA #2 LIGHT HAZARD, 0.10 OVER 1,500 SQ. FT. REMOTE AREA AND 100 GPM HOSE STREAM.
- OFF-PREMISE SUPERVISION OF FIRE SPRINKLER SYSTEM AND PROVISION OF LOCAL WATER FLOW ALARM DEVICE PROVIDED BY FIRE ALARM CONTRACTOR.
- ALL HORIZONTAL PIPING MAINS SHALL BE INSTALLED 6" BELOW BOTTOM OF LOWEST BEAM RUNNING PERPENDICULAR TO THE PIPING, UNO.
- WET SYSTEM: 2" AND LARGER - MAIN PIPING: SCHEDULE 10 BLACK STEEL WITH GROOVED ENDS AND FLUSH SEAL GASKETED MECHANICAL COUPLINGS. 1 1/2" AND SMALLER - MAINS, BRANCH LINE PIPING, DROPS AND SPRINGS: SCHEDULE 40 BLACK STEEL, THREADED WITH STANDARD WEIGHT IRON SCREW PATTERN FITTINGS.
- EXISTING SYSTEM SHALL BE INSPECTED FOR SIZE AND CONDITION OF PIPING PRIOR TO DESIGN LAYOUT OF NEW SYSTEM. EXISTING PIPING MAY BE REUSED PROVIDING PIPE SIZES MEET REQUIREMENTS OF HYDRAULIC CALCULATIONS AND ARE FREE OF CORROSION OR SCALING INSIDE THE PIPING.
- PROVIDE EXTRA SPRINKLERS PER NFPA 13 FOR PROTECTION BELOW DUCTS, CONDUIT OR SIMILAR EXPOSED OBSTRUCTIONS OVER 48" WIDE. PROVIDE EXTRA SPRINKLERS AS REQUIRED BY NFPA 13 WHERE SPRINKLER DISCHARGE IS OBSTRUCTED. WHERE DROPS TO PIPING BELOW OBSTRUCTIONS ARE REQUIRED, DROPS SHALL BE RUN TIGHT TO OBSTRUCTION TO MINIMIZE VISUAL IMPACT.
- SEISMIC BRACING: BRACING PROVIDED FOR ALL PIPING AS REQUIRED BY NFPA #13 USING SCHEDULE 40 PIPE.
- THE FIRE SPRINKLER CONTRACTOR SHALL THOROUGHLY REVIEW ALL CONTRACT DRAWINGS AND SPECIFICATIONS THAT IMPACT THE FIRE SPRINKLER SYSTEM PRIOR TO BID. ANY QUESTIONS THAT AFFECT THE DESIGN AND INSTALLATION OF THE FIRE SPRINKLER SYSTEM SHALL BE RESOLVED BEFORE THE CONTRACT IS AWARDED.
- CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS AS REQUIRED BY THE SPECIFICATIONS.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR SPRINKLER LOCATIONS. COORDINATE WITH LIGHTS AND DIFFUSERS AS SHOWN.
- PROVIDE A SECTIONAL CONTROL VALVE WITH TAMPER SWITCH ON PIPING MAIN FROM ADJACENT SPACE.

A4 WATER HEATER DETAIL
NO SCALE REF: NA

A3 PLUMBING LEGEND
NO SCALE REF: NA

PLUMBING LEGEND

—S— SANITARY PIPING BELOW GROUND
 —S— SANITARY PIPING ABOVE GROUND
 —V— VENT PIPING ABOVE GROUND
 —CW— COLD WATER PIPING
 —HW— HOT WATER PIPING
 —G— GAS PIPING
 —S— SHUT-OFF VALVE
 —C— CHECK VALVE
 —B— BACKFLOW PREVENTER WITH ISOLATION VALVES

● FD—# FLOOR DRAIN
 ● FCO FLOOR CLEANOUT
 W/TP WITH TRAP PRIMER
 + CO CLEANOUT
 WC—# WATER CLOSET
 L—# LAVATORY
 MR—# MOP RECEPTOR
 DF—# DRINKING FOUNTAIN
 V VENT PIPING
 VTR VENT THROUGH ROOF

PLUMBING GENERAL NOTES

- COORDINATE WORK WITH THE WORK OF ALL OTHER TRADES.
- ALL SANITARY PIPING SHALL PITCH AT 1/4" PER FOOT EXCEPT AS NOTED.
- ALL UNDERSLAB DRAINAGE AND VENT PIPING SHALL START AT MINIMUM INVERT ELEVATION 18" BELOW FINISHED FLOOR UNLESS NOTED OTHERWISE.
- ALL VENT AND WATER SUPPLY PIPING SHALL PITCH TO DRAIN.
- ALL PIPING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES AND WHERE NO CEILINGS OCCUR.
- REFER TO PLUMBING FIXTURE INSTALLATION SCHEDULE FOR THE SIZE OF PIPING CONNECTIONS AND MOUNTING HEIGHTS OF EACH FIXTURE. MANUFACTURERS AND MODEL NUMBERS ARE SHOWN IN THE PLUMBING FIXTURE SCHEDULE. SEE PLUMBING SPECIFICATION DIVISION 22 FOR MORE DETAILED INFORMATION.
- ALL UNDERSLAB DRAINAGE PIPING SHALL BE 4" DIAMETER UNLESS OTHERWISE NOTED.

A2 PLUMBING GENERAL NOTES
NO SCALE REF: NA

Mark	Date	Description
—	07-13-11	ISSUED FOR CONSTRUCTION
—	06-13-11	95% REVIEW

Issue Dates

Drawing Status

Drawing Title
PLUMBING DETAILS SCHEDULES AND NOTES

PA / PE: CG Drawn By: SGH

Drawing Number

P00.1