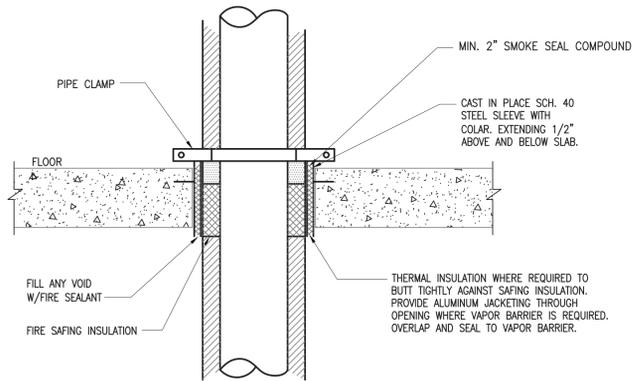
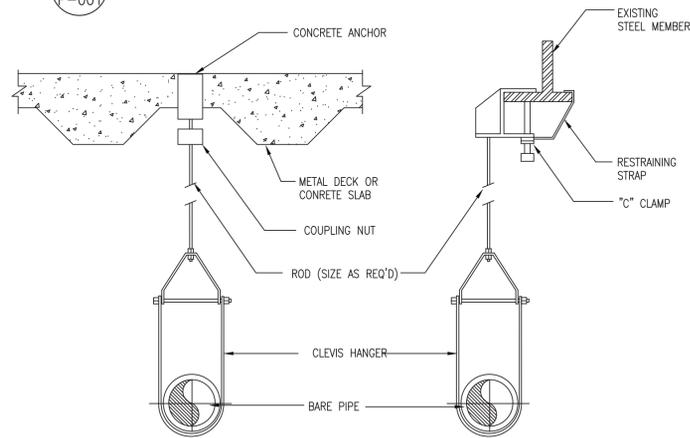


1 TYPICAL URINAL PIPING DETAIL
P-001 SCALE: NTS

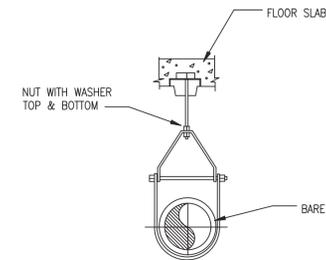


4 FLOOR PENETRATION DETAIL
P-001 SCALE: NTS

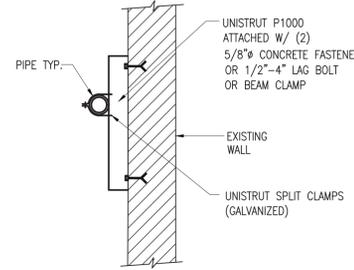


NOTE:
CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1", GENERAL PURPOSE HANGERS MAY BE USED ON 1" PIPING ONLY.

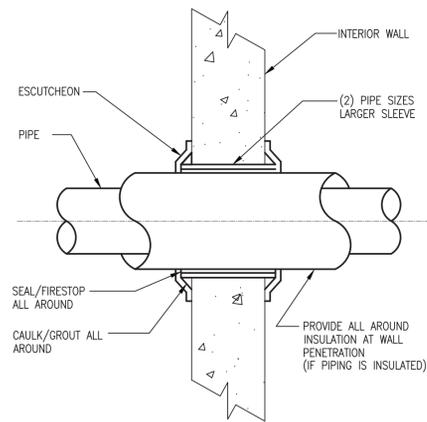
6 TYPICAL HANGER
P-001 SCALE: NTS



2 CLEVIS HANGER
P-001 SCALE: NONE



3 WALL SUPPORT
P-001 SCALE: NTS



5 TYPICAL WALL PENETRATION
P-001 SCALE: NTS

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.H.J.	AUTHORITY HAVING JURISDICTION
CL OR C	CENTER LINE
CLG.	CEILING
COL.	COLUMN
CONN.	CONNECTION
CONT.	CONTINUED
DIA., Ø	DIAMETER
DN.	DOWN
DWG.	DRAWING
ELEV.	ELEVATION
F.F./FIN. FLR.	FINISHED FLOOR
FLR.	FLOOR
G.P.M.	GALLONS PER MINUTE
G.P.H.	GALLONS PER HOUR
MAX.	MAXIMUM
MIN.	MINIMUM
NC	NORMALLY CLOSED
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
PRESS.	PRESSURE
P.S.I.	POUNDS PER SQUARE INCH
S.F./SQ. FT.	SQUARE FEET
STD.	STANDARD
TYP.	TYPICAL
D	DRAIN PIPE
HP	HORSE POWER
OD	OUTSIDE DIAMETER
TYP.	TYPICAL
V.I.F.	VERIFY IN FIELD
OC	ON CENTER

LEGEND

	EXISTING TO BE REMOVED
	SANITARY PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	GATE VALVE
	CHECK VALVE
	BALL VALVE
	FLOW SENSOR/SWITCH
	CONNECT TO EXISTING
	PIPE DROPPING DOWN
	PIPE RISING UP
	PIPE BOTTOM CONNECTION
	PIPE TOP CONNECTION
	DETAIL 3, DRAWING P-5

GENERAL NOTES

- CONTRACTOR TO COMPLY WITH THE 2010 NYS BUILDING CODE AND ADAPTED APPENDICES, LOCAL PLUMBING CODES AND ALL AUTHORITIES HAVING JURISDICTION.
- PROVIDE LABOR, MATERIALS, TOOLS, MACHINERY, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT. ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETE IN EVERY ASPECT AND ALL ITEMS OF MATERIAL, EQUIPMENT AND LABOR SHALL BE PROVIDED FOR A FULLY OPERATIONAL SYSTEM AND READY FOR USE. COORDINATE THE WORK WITH THE WORK OF THE OTHER TRADES IN ORDER TO RESOLVE ALL CONFLICTS WITHOUT IMPEDING THE JOB PROGRESS.
- EXAMINE THE DRAWINGS AND OTHER DIVISIONS, AND SECTIONS OF THE SPECIFICATIONS IN ORDER TO DETERMINE THE EXTENT OF THE WORK REQUIRED TO BE COMPLETED UNDER THIS DIVISION. FAILURE TO EXAMINE ALL THE CONTRACT DOCUMENTS FOR THIS PROJECT WILL NOT RELIEVE THIS SECTION AND ANY OTHER SECTIONS OF THEIR RESPONSIBILITIES TO PERFORM THE WORK REQUIRED FOR A COMPLETE FULLY OPERATIONAL AND SATISFACTORY INSTALLATION.
- THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING SYSTEMS, EQUIPMENT AND SERVICES, AS SPECIFIED HEREBY. START-UP SERVICES SHALL BE INCLUDED IN THE BID.
- ALL SYSTEMS, EQUIPMENT AND SERVICES SPECIFIED HEREIN SHALL BE PROVIDED COMPLETE AND READY FOR USE. ALL EQUIPMENT, PIPING, ARE NEW, FURNISHED AND INSTALLED BY THIS CONTRACTOR, UNLESS OTHERWISE NOTED.
- INSTALL ACCESS FOR SERVICING AND MAINTENANCE. COORDINATE THE FINAL LOCATION OF CONCEALED EQUIPMENT AND DEVICES REQUIRING ACCESS WITH FINAL LOCATION OF ACCESS PANELS AND DOORS. ALLOW AMPLE SPACE FOR REMOVAL OF ALL PARTS THAT REQUIRE REPLACEMENT OR SERVICING.
- VERIFY FINAL LOCATIONS FOR ROUGH WORK WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT BEING CONNECTED.
- PIPING ARE SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING OF PIPING TO AVOID OBSTRUCTIONS. EXACT LOCATIONS ARE SUBJECT TO APPROVAL OF ARCHITECT. COORDINATION WITH THE EXISTING SERVICES, INCLUDING THOSE OF OTHER TRADES IS REQUIRED.
- ARRANGE FOR CHASES, SLOTS, AND OPENINGS IN OTHER AND ALL COMPONENTS TO ALLOW FOR INSTALLATIONS.
- COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES AND SIZE OF SLEEVES TO BE SET IN POURED CONCRETE AND OTHER STRUCTURAL COMPONENTS AS THEY ARE CONSTRUCTED.
- COORDINATE THE INSTALLATION OF MATERIALS AND EQUIPMENT ABOVE GRADE WITH MECHANICAL AND SUPPRESSION SYSTEM, LIGHT FIXTURES, AND ALL OTHER INSTALLATIONS AND ACCESSORIES.
- PROVIDE EQUIPMENT AND SYSTEMS THAT, AS DEFINED HEREIN, SHALL BE QUIET AND FREE OF APPARENT VIBRATION IN OPERATIONS.
- OBTAIN EQUIPMENT THAT IS QUIET IN OPERATION AS COMPARED TO OTHER AVAILABLE EQUIPMENT OF ITS SIZE, CAPACITY, AND TYPE; INSTALL EQUIPMENT SO THAT A MINIMUM AMOUNT OF NOISE AND/OR VIBRATION IS TRANSMITTED TO THE BUILDING; AND FABRICATE THE DUCT SYSTEM SO THAT AIR NOISES GENERATED IN THE SYSTEM ARE HELD TO AN ABSOLUTE MINIMUM.
- PROVIDE A COMPLETE SYSTEM OF VIBRATION ISOLATION FOR EACH ITEM OF HVAC EQUIPMENT AND APPARATUS AS SPECIFIED HEREIN, AS SHOWN ON THE DRAWINGS AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES INVOLVING EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
- THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACE AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER IN THE INTERIOR OR THE EXTERIOR.
- SEAL OPENINGS AROUND PIPING THROUGH PARTITIONS, AND WALLS WITH MINERAL WOOL OR OTHER NONCOMBUSTIBLE MATERIAL.
- ALL PRESENT MATERIAL, EQUIPMENT AND CONSTRUCTION DEBRIS TO BE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIC EQUIPMENT AND APPARATUS REQUESTED BY THE BUILDING REPRESENTATIVE, ARCHITECT OR AS NOTED TO BE RELOCATED ON THE DRAWINGS SHALL BE PROPERLY DISPOSED OF BY THIS CONTRACTOR.
- THE FINAL ACCEPTANCE WILL BE MADE AFTER THE CONTRACTOR HAS ADJUSTED HIS EQUIPMENT, BALANCED THE VARIOUS SYSTEMS, DEMONSTRATED THAT IT FULFILLS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND HAS FURNISHED ALL THE REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.
- CONTRACTOR TO SUBMIT SHOP DRAWING FOR APPROVAL FOR ALL SYSTEMS.
- PRESSURE TEST WATER SUPPLY SYSTEM 1 1/2 TIMES WORKING PRESSURE FOR 2 HR. MIN.

PLUMBING FIXTURE SCHEDULE

SYMBOLS	DESCRIPTION	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	REMARKS	SPECIFICATIONS
P-1	WATER CLOSET	4"	2"	1"	-		AMERICAN STANDARD "MADERA" 3461001.020 WHITE VITREOUS CHINA, 1.28 GALLONS PER FLUSH, FLOOR MOUNTED, ELONGATED BOWL DESIGN, SIPHON JET FLUSHING WITH 1/2" TOP SPUD. INSTALL WITH SLOAN 111-1.28E ROYAL FLUSHOMETER, OPEN FRONT SEAT WITH CHECK HINGE.
P-1A	WATER CLOSET (HANDICAPPED FACILITY)	4"	2"	1"	-	SET AT REQUIRED HANDICAPPED HEIGHT	AMERICAN STANDARD "MADERA" 3461001.020 WHITE VITREOUS CHINA, 1.28 GALLONS PER FLUSH, FLOOR MOUNTED, ELONGATED BOWL DESIGN, SIPHON JET FLUSHING WITH 1/2" TOP SPUD. INSTALL WITH SLOAN 111-1.28E ROYAL FLUSHOMETER, OPEN FRONT SEAT WITH CHECK HINGE.
P-2	URINAL	2"	1 1/2"	3/4"	-	SET AT REQUIRED HANDICAPPED HEIGHT	AMERICAN STANDARD "WASHBROOK" FLOWISE 6590.501 WHITE VITREOUS CHINA, 0.5 GALLON PER FLUSH, WALL HUNG, WASHOUT DESIGN, ELONGATED RIM, 3/4" TOP SPUD INLET, 2" I.P.S. OUTLET, 3/4" I.P.S. ANGLE STOP WITH BACK-FLOW PROTECTION AND VANDAL-RESISTANT CAP, WALL HANGERS AND STRAINER. AMERICAN STANDARD FLOWISE MANUAL FLUSH VALVE MODEL 6045.051 0.5 GPF. FURNISH WITH WADE HORIZONTAL, ADJUSTABLE CARRIER.
P-3	LAVATORY - WALL MOUNTED	1 1/2"	1 1/2"	1/2"	1/2"		AMERICAN STANDARD "LUCERNE" 0355.012 WALL HUNG VITREOUS CHINA LAVATORY WITH 4" CENTERS, CONCEALED ARM SUPPORT, 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT PLUG AND GRID STRAINER. AMERICAN STANDARD INNSBROOK SELECTRONIC 4" CENTERSET METERING FAUCET, INSTALL WITH PWRX 10 YEAR BATTERY POWERED 6053.205 WATER CONSERVING 0.5 GPM PRESSURE-COMPENSATING VANDAL-RESISTANT LAMINAR SPRAY.
P-3A	LAVATORY - WALL MOUNTED (HANDICAPPED FACILITY)	1 1/2"	1 1/2"	1/2"	1/2"	SET AT REQUIRED HANDICAPPED HEIGHT	AMERICAN STANDARD "LUCERNE" 0355.012 WALL HUNG VITREOUS CHINA LAVATORY WITH 4" CENTERS, CONCEALED ARM SUPPORT, 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT PLUG AND GRID STRAINER. AMERICAN STANDARD INNSBROOK SELECTRONIC 4" CENTERSET METERING FAUCET, INSTALL WITH PWRX 10 YEAR BATTERY POWERED 6053.205 WATER CONSERVING 0.5 GPM PRESSURE-COMPENSATING VANDAL-RESISTANT LAMINAR SPRAY.
P-4	ELECTRIC WATER COOLER	1 1/2"	1 1/2"	1/2"	-	SET AT REQUIRED HANDICAPPED HEIGHT	ELKAY EZSTLBC BI LEVEL ADA COMPLIANT ADULT/CHILD BARRIER FREE COOLER WITH EASY TOUCH PUSH BAR CONTROLS ON FRONT AND SIDE.
P-5	MOP SINK	1 1/2"	1 1/2"	3/4"	3/4"		FIAT MODEL TSB 800 24" X 36" PRECAST TERRAZZO BASIN WITH 830AA FAUCET WITH VACUUM BREAKER, PAUL HOOK, SEALANT AND STRAINER.
HB	HOSE BIBB	-	-	3/4"	-		ZURN Z1341-P34 EXPOSED, ANTI-SIPHON, WALL FAUCET COMPLETE WITH Z1399-VB EXTERNAL VACUUM BREAKER, ALL BRONZE INTERIOR COMPONENTS, VANDAL RESISTANT OPERATING STEM, ROUGH BRONZE EXTERIOR AND ASME B1.20.7 3/4" NPS THREADED MALE HOSE CONNECTION.
FD	FLOOR DRAIN	3"	2"	-	-		WADE MODEL W-1100-A6 CAST IRON FLOOR DRAIN WITH CLAMPING COLLAR, TRAP PRIMER CONNECTION AND 6" DIAMETER NICKEL BRONZE TOP.
WCO	WALL CLEANOUT	4"	-	-	-		JAY R. SMITH MODEL 4530 DUCO CAST IRON CLEANOUT TEE WITH COUNTERSUNK PLUG WITH STAINLESS STEEL ROUND COVER AND SCREW.

NOTE:
ALL PLUMBING FIXTURES MODEL NUMBERS USED ARE AS PER MANUFACTURERS SPECIFICATIONS. FIXTURES OF EQUAL QUALITY AND PERFORMANCE BY AMERICAN STANDARD, TOTO, KOHLER, GERBER, JR. SMITH, WOODFORD, OR OTHERS WILL BE ACCEPTABLE. ALL FIXTURES TO BE WHITE UNLESS OTHERWISE NOTED. PLUMBING FIXTURES WATER USAGE REQUIREMENTS TO FOLLOW CITY OF YONKERS GREEN DEVELOPMENT WORKBOOK.

0	ISSUED FOR CONSTRUCTION	04/14/2021	MP
No.	Revision	Date	By

GPI Engineering Design Planning Construction Management
845.368.4050 GPINET.COM

Greenman-Pedersen, Inc.
400 Rella Boulevard, Suite 207
Montebello, NY 10901

Element Architectural Group
12 NORTH STATE ROUTE 17, SUITE 220
PARAMUS, NEW JERSEY 07652
PH 201.368.7752 FAX 201.368.7758
NJ LIC. A012158; NY LIC. 024305

Project **BERNICE SPRECKMAN COMMUNITY CENTER ADA UPGRADES**
777 MCLANE AVENUE, YONKERS, NY 10701

Drawing Title
PLUMBING DETAILS, SCHEDULES, NOTES AND LEGEND

Date	Scale	Designed By	Drawn By	Checked By
07/13/2016	AS SHOWN	JM	JM	KM
Seal	Project No.	2016721.00		
	Drawing No.	P-001		
Sheet 15 of 19				