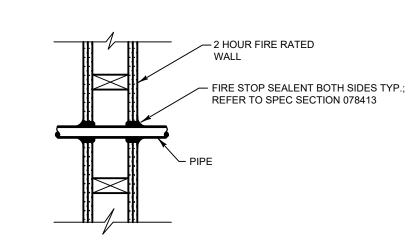
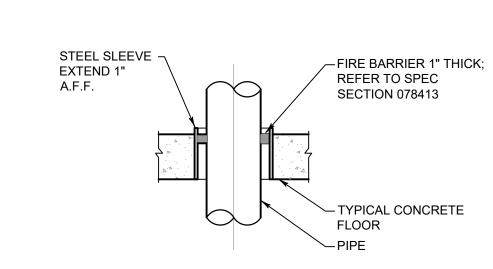
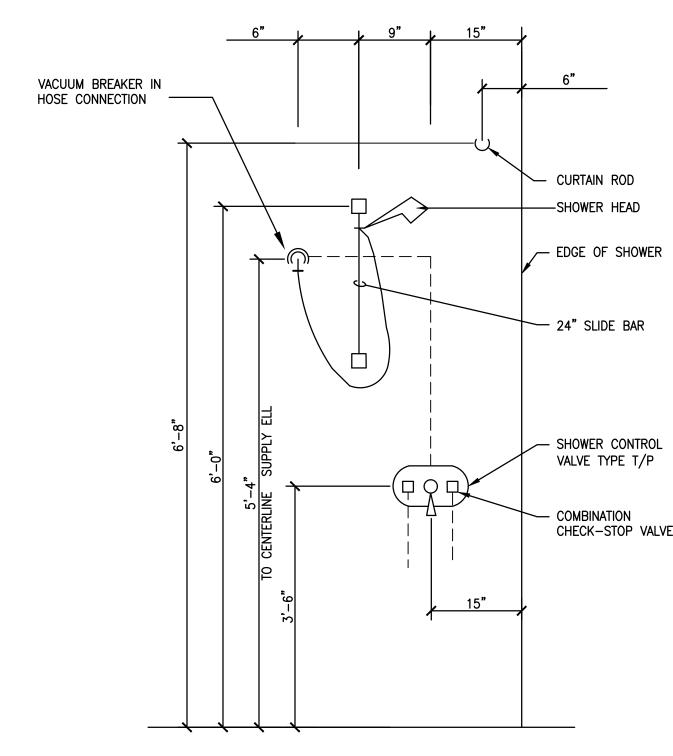
	Plumbing Fixture Schedule										
FIXTURE MARK	DESCRIPTION	PIPING CONNECTION				WATER SUPPLY	DRAINAGE	ADA	ELECTRONIC CONTROL	MANUFACTURER/MODEL	DEMARKS
		H.W.	C.W.	WASTE	VENT	FIXTURE UNITS	FIXTURE UNITS	(Y/N)	(Y/N)	(OR ACCEPTABLE EQUAL)	REMARKS
1	WATER CLOSET	-	1	3	2	10.0	4	N	N	WALL HUNG WATER CLOSET TYPICAL OF AMERICAN STANDARD AFWALL MODEL #2859.128; ELONGATED BOWL; MANUAL 1.28 GPF FLUSH VALVE; FURNISH W/ ELONGATED OPEN FROM SEAT MODEL #5901.100	FURNISH & INSTALL W/ ADJUSTABLE WATER CLOSET CARRIER
1A	ADA WATER CLOSET	-	1	3	2	10.0	4	Y	N	WALL HUNG WATER CLOSET TYPICAL OF AMERICAN STANDARD AFWALL MODEL #2859.128; ELONGATED BOWL; MANUAL 1.28 GPF FLUSH VALVE; FURNISH W/ ELONGATED OPEN FROM SEAT MODEL #5901.100	FURNISH & INSTALL W/ ADJUSTABLE WATER CLOSET CARRIER; INSTALL PER ADA REQUIREMENTS
2	URINAL	-	3/4	2	2	5.0	2	N	N	WALL HUNG URINAL TYPICAL OF AMERICAN STANDARD WASHBROOK MODEL #6590.503; MANUAL 0.125 GPF FLUSH VALVE	FURNISH & INSTALL W/ WALL URINAL SUPPORT W/ UPRIGHTS
2A	ADA URINAL	-	3/4	2	2	5.0	2	Υ	N	WALL HUNG URINAL TYPICAL OF AMERICAN STANDARD WASHBROOK MODEL #6590.503; MANUAL 0.125 GPF FLUSH VALVE	FURNISH & INSTALL W/ WALL URINAL SUPPORT W/ UPRIGHTS; INSTALL PER ADA REQUIREMENTS
3	LAVATORY	1/2	1/2	1-1/2	1-1/2	1.5	1	N	Y	WALL HUNG LAVATORY TYPICAL OF AMERICAN STANDARD LUCERNE MODEL #0355.012; FURNISH W/ ELECTRONIC PROXIMITY FAUCET MODEL #6053.2050	FURNISH & INSTALL W/ CONCEALED ARM LAVATORY SUPPORT; INSTALL CONTROL BOX IN RISER CLOSET BEHIND LAVATORY
ЗА	ADA LAVATORY	1/2	1/2	1-1/2	1-1/2	1.5	1	Υ	Y	WALL HUNG LAVATORY TYPICAL OF AMERICAN STANDARD LUCERNE MODEL #0355.012; FURNISH W/ ELECTRONIC PROXIMITY FAUCET MODEL #6053.2050	FURNISH & INSTALL W/ CONCEALED ARM LAVATORY SUPPORT; INSTALL PER ADA REQUIREMENTS; INSTALL CONTROL BOX IN RISER CLOSET
4	SHOWER SYSTEM	1/2	1/2	2	1-1/2	3.0	2	Υ	N	SHOWER SYSTEM KIT TYPICAL OF AMERICAN STANDARD MODEL #1662SG.211; W/ SLIDE-GRAB BAR & HAND SHOWER	INSTALL PER ADA REQUIREMENTS
5	FLOOR DRAIN	-	-	3	2	-	-	-	-	FLOOR DRAIN TYPICAL OF ZURN Z415B; FURNISH & INSTALL W/ TRAP SEAL TYPICAL OF SURESEAL OR ACCEPTABLE EQUAL	INSTALL PER MANUFACTURER'S REQUIREMENTS

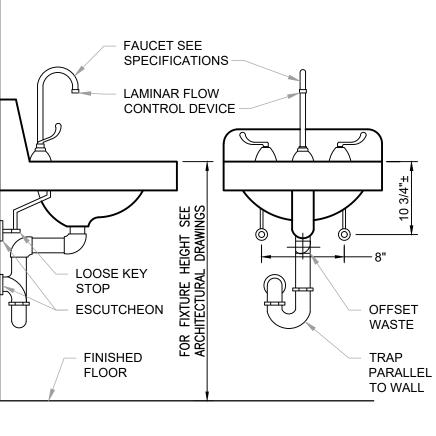




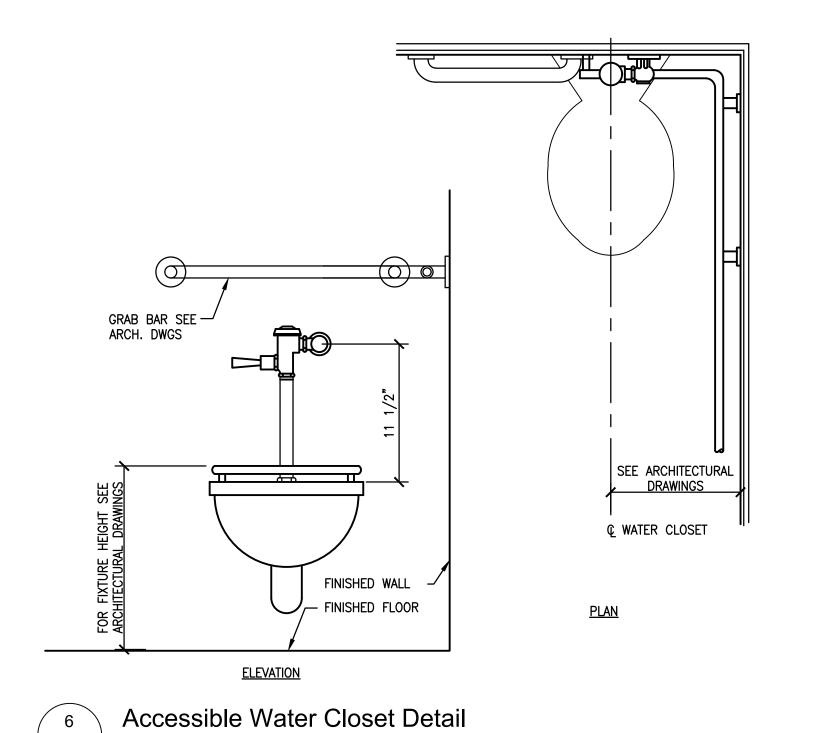


Pipe Penetration at Floor P-100 Scale: None





Accessible Lavatory Detail



Plumbing Legend:

	DOMESTIC COLD WATER SUPPLY
	FILTERED COLD WATER SUPPLY
	120 °F TEMPERED WATER SUPPLY
	140 °F HOT WATER SUPPLY
	HOT WATER RETURN
	SANITARY SEWER, ABOVE GRADE
	SANITARY SEWER, BELOW GRADE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	GREASE WASTE, BELOW GRADE
	PLUMBING VENT
<del></del> sp	STORM WATER, ABOVE GRADE
<b></b> SD <b>_</b>	STORM WATER, BELOW GRADE
— 0AS —— 0AS —— 0AS —— 0AS ——	GAS PIPING
	DIRECTION OF PIPE SLOPE (DOWN)
$-\!\!\!\!-\!\!\!\!-\!\!\!\!\!-\!\!\!\!-$	CONCENTRIC REDUCER OR INCREASI
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
<del>9</del>	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
<del></del>	RISE OR DROP IN PIPE
——————————————————————————————————————	UNION
0	PIPE UP
C	PIPE DOWN
	POINT OF CONNECTION BETWEEN NE AND EXISTING WORK
<del></del>	STRAINER

]-⊂ HOSE BIB

BUTTERFLY VALVE

C.O.D.P.

C.O.T.G.

SOLENOID VALVE

PRESSURE GAUGE

CLEANOUT

WALL CLEANOUT

SHOWER HEAD

FLOOR DRAIN

CLEANOUT TO GRADE

PLUMBING FIXTURE MARK

CLEANOUT W/ DECK PLATE

## Plumbing Notes:

1.	ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM. ANSI.
	OR OTHER ACCEPTABLE STANDARDS.
2.	THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF

WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF

3. THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.

4. ALL CUTTING, FIRE-STOPPING, AND ROUGH PATCHING IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR. 5. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY

DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL

6. ALL WORK OF THIS CONTRACT SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE 2015 INTERNATIONAL BUILDING CODE WITH 2017 NEW YORK STATE UNIFORM CODE SUPPLEMENT, AS WELL AS THE 2015 INTERNATIONAL PLUMBING CODE AND 2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH 2016 NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE SUPPLEMENT (REV. AUGUST 2016).

REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.

7. ALL DOMESTIC COLD AND HOT WATER PIPING AND FITTINGS ARE TO BE INSULATED WITH 1" THICK RIGID ONE-PIECE MOLDED SECTIONAL FIBERGLASS PIPE COVERING WITH UNIVERSAL JACKET. ALL JOINTS ARE TO BE COMPLETELY SEALED A MINIMUM OF 6" BEYOND JOINT ENDS.

8. ALL PIPING SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER

9. PIPING SYSTEM MATERIALS ARE TO BE AS FOLLOWS:

INSTALLATION OF WORK.

9.1. DOMESTIC WATER DISTRIBUTION - CHLORINATED POLYVINYL CHLORIDE (CPVC) PLASTIC PIPE AND FITTINGS. JOINTS SHALL BE MADE IN ACCORDANCE WITH ASTM D 2846 USING A PRIMER AND SOLVENT CEMENT CONFORMING TO ASTM F 493.

9.2. SANITARY DRAINAGE & VENT - SCHEDULE 40 POLYVINYL CHLORIDE (PVC) PLASTIC PIPE AND FITTINGS. JOINTS SHALL BE MADE IN ACCODANCE WITH ASTM D 2855 USING A PRIMER CONFORMING TO ASTM F 656 AND SOLVENT CEMENT CONFORMING TO ASTM D 2564.

NEW 10. ALL EXPOSED PIPING, FITTINGS, TRAPS, ESCUTCHEONS, VALVES, ETC. SHALL BE CHROME PLATED.

11. SLOPE SANITARY DRAINAGE PIPING 2" DIAMETER AND SMALLER NOT LESS THAN 1/4" PER FOOT. SLOPE SANITARY DRAINAGE PIPING OVER 2" DIAMETER NOT LESS THAN 1/8"

12. INSTALL A CLEANOUT AT THE BASE OF EACH SOIL STACK, AT EACH CHANGE IN DIRECTION, AT INTERVALS NOT OVER 50 FEET AND ELSEWHERE AS SHOWN ON DRAWINGS OR REQUIRED BY CODE.

13. PROVIDE EXPOSED PIPING WITH CHROME PLATED CAST BRASS ESCUTCHEON WITH SET SCREW WHERE PENETRATING FLOORS, CEILINGS, WALLS OR PARTITIONS.

14. TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND/OR AS SPECIFIED. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS

14.1. WATER PIPING TO BE AIR-PRESSURE TESTED TO 1-1/2 TIMES MAXIMUM WORKING

14.2. DRAINAGE, WASTE & VENT PIPING TO BE TESTED BY FILLING THE SYSTEM WITH WATER TO 10-FEET ABOVE HIGHEST POINT.

15. SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S

REQUIREMENTS. 16. INSTALL VALVES ON THE ENTIRE NEW DISTRIBUTION SYSTEM SO LOCATED AS TO GIVE

COMPLETE CONTROL TO ALL FIXTURES AND EQUIPMENT.

17. INSTALL DRAIN VALVES AT BASE OF ALL NEW RISERS AND AT LOW POINTS OF PIPING

18. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR

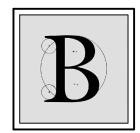
TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER. 19. THIS CONTRACTOR SHALL BE RESPONSIBLE TO HOLD THE REQUIRED LICENSING IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. PROOF OF REQUIRED LICENSING SHALL BE PROVIDED PRIOR TO CONTRACT SIGNING.



**Lothrop Associates LLP Architects** 333 Westchester Avenue White Plains, New York 10604

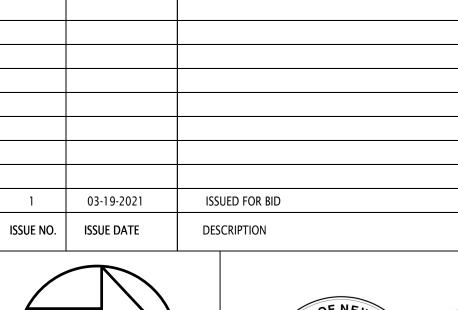
White Plains Rochester Red Bank Hartford

MECH'L/ELEC'L/PLUMBING ENGINEERS



Blake Engineering pllc 1898 COUNTY ROUTE 1, WESTTOWN, NY 10998 TEL: 845-467-9207 FAX: 845-767-5050 MBLAKE@BLAKEENGINEERINGPLLC.COM

MATTHEW G. BLAKE, P.E., LEED AP NY - 89039 NJ - GE050037 PA - PE079303 MA - 53197 CT - 32283 FL - 85928





**ALTERATIONS TO** BUILDING # 51, **EMERGENCY HOUSING** GROUP

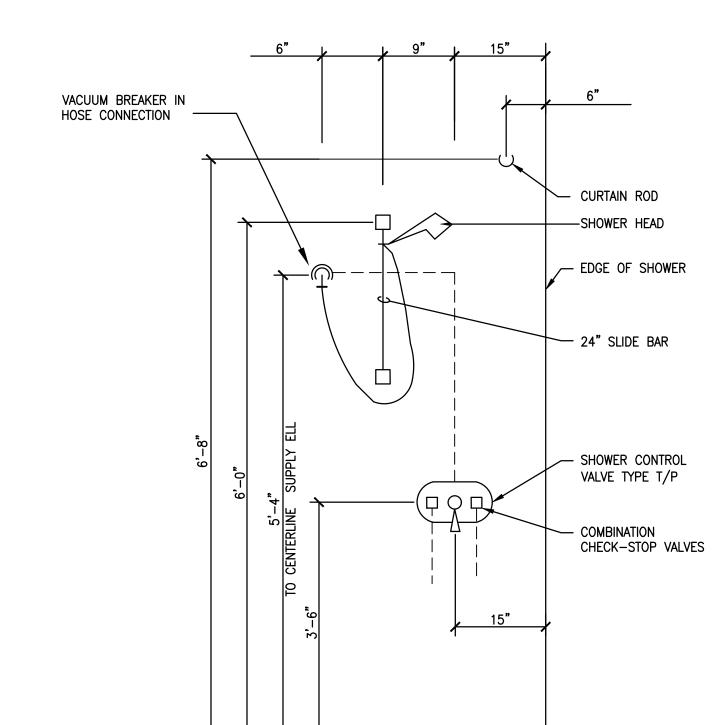
38 SEWARD AVENUE MIDDLETOWN, NY 10940

PLUMBING SCHEDULE, LEGEND, **NOTES & DETAILS** 

PROJECT NO.: 1802-01

DRAWING NO.:

P - 100



Accessible Shower Detail

P-100 Scale: None