

PLUMBING FIXTURE SCHEDULE

| NUMBER | FIXTURE | MANUFACTURER | MODEL NO. | SUPPLY PIPE NO. | TRAP NO. | SUPPORT NO. | PIPE SIZES | | | | NOTES | |
|--------|------------------|-------------------|--------------------------------|---|----------------|----------------------|-----------------|--------|--------|--------|-------|---|
| | | | | | | | TRAP | WASTE | VENT | CW | | HW |
| P-1 | WATER CLOSET | AMERICAN STANDARD | AFWALL FLOWISE #3351.528 | - | - | J.R. SMITH 0210Y-M54 | INTEGRAL | | 2" | 1" | - | ELONGATED HARD WIRED FLUSHOMETER ADA TOILET. PROVIDE WITH AMERICAN STANDARD SEAT #5901.100, SLOAN ROYAL SENSOR 111 SMOOTH #111-1.28 (1.28GPF). FIXTURE COLOR SHALL BE WHITE. INSTALL CARRIER TO MEET ADA REQUIREMENTS. |
| P-2 | ADA WATER CLOSET | AMERICAN STANDARD | AFWALL FLOWISE #3351.528 | - | - | J.R. SMITH 0210Y-M54 | INTEGRAL | 4" | 2" | 1" | - | ELONGATED HARD WIRED FLUSHOMETER ADA TOILET. PROVIDE WITH AMERICAN STANDARD SEAT #5901.100, SLOAN ROYAL SENSOR 111 SMOOTH #111-1.28 (1.28GPF). FIXTURE COLOR SHALL BE WHITE. INSTALL CARRIER TO MEET ADA REQUIREMENTS. |
| P-3 | ADA LAVATORY | AMERICAN STANDARD | LUCERNE #0356.041 | MC GUIRE 158 | MC GUIRE 8902 | J.R. SMITH 0700 | 1-1/2" | 1-1/2" | 1-1/2" | 1/2" | 1/2" | WALL HUNG LAVATORY WITH CONCEALED ARM SUPPORT. PROVIDE WITH SLOAN SINGLE-HOLE FAUCET #ETF-880, SLOAN THERMOSTATIC MIXING VALVE #BDT, SLOAN 4" COVER PLATE, SLOAN TRANSFORMER #ETF-248-40. FIXTURE COLOR SHALL BE WHITE. |
| P-3a | ADA LAVATORY | AMERICAN STANDARD | LUCERNE #0356.041 | MC GUIRE 158 | MC GUIRE 8902 | J.R. SMITH 0700 | 1-1/2" | 1-1/2" | 1-1/2" | 1/2" | 1/2" | WALL HUNG LAVATORY WITH CONCEALED ARM SUPPORT. PROVIDE WITH SLOAN SINGLE-HOLE FAUCET #ETF-880, SLOAN THERMOSTATIC MIXING VALVE #BDT, SLOAN 4" COVER PLATE, SLOAN TRANSFORMER #ETF-248-40. FIXTURE COLOR SHALL BE WHITE. |
| P-4 | URINAL | AMERICAN STANDARD | WASHBROOK #9501.615 | - | - | J.R. SMITH 0637 | INTEGRAL | 2" | 2" | 3/4" | - | WALL HUNG VITREOUS CHINA URINAL WITH ELONGATED HARD WIRED FLUSHOMETER. FIXTURE COLOR SHALL BE WHITE. INSTALL TO MEET ADA REQUIREMENTS. CONFIRM ADA IF RELOCATED |
| P-5 | FLOOR DRAIN | J.R. SMITH | #2030T-H8-NB | - | - | - | - | 3" | 3" | 2" | - | FLOOR DRAIN WITH SQUARE TOP, HINGED GRATE, SEDIMENT BUCKET, TRAP PRIMER CONNECTION, & NICKEL BRONZE TOP. |
| P-6 | WATER COOLER | ELKAY | LZS8WSLP | MC GUIRE ST07 | MC GUIRE 201 | WALL MOUNTED | 1 1/4" x 1 1/2" | 1 1/2" | 1 1/2" | 1/2" | - | BARRIER FREE ELECTRIC WATER COOLER, 18 GA. TYPE 304 NICKEL BEARING STAINLESS STEEL BASIN WITH SATIN FINISH, FLEXI-GUARD SAFETY BUBBLER, BOTTLE FILLER STATION W/ SINGLE ZONE COOLER, HANGER BRACKETS. INSTALL TO MEET ADA REQUIREMENTS. |
| P-7 | MOP SINK | MUSTEE | 65M | - | - | FLOOR MOUNTED | 3" | 3" | 2" | 3/4" | 3/4" | PROVIDE W/ MUSTEE SERVICE SINK FAUCET NO. 63.600A, HOSE AND HOSE HOLDER NO. 65.700, MOP HANGER NO. 65.600, BUMPER GUARDS NO. 63.401 & 65.403, DURAGUARD WALL GUARD NO. 67.2436 & 67.36C & 67.24C, DRAIN SEAL 65.311. |
| P-8 | SHOWER | SHOWER | BEST BATH SYSTEMS 4LBS3030 | SYMMONS PRESSURE BALANCED VALVE 15-1-X-FG | P-TRAP | FLOOR MOUNTED | 2" | 2" | 1 1/2" | 1/2" | 1/2" | PROVIDE AND INSTALL CURTAIN AND ROD, T SHAPED RUBBER WATER STOPPER KIT, SEMI PERMANENT THRESHOLD ADAPTER AND CAVELESS DRAIN, ALSONS HAND HELD SHOWER #462BG, CHROME HOSE #49060BG, SUPPLY ELBOW #49060BG, VACUUM BREAKER #4910BG, HANSGROHE GLIDE BAR #27712, SIOUX CITY BRASS DRAIN #827-2B. |
| P-9 | ADA SHOWER | SHOWER | BEST BATH SYSTEMS LSS4-0238A5T | SYMMONS PRESSURE BALANCED VALVE 15-1-X-FG | P-TRAP | FLOOR MOUNTED | 2" | 2" | 1 1/2" | 1/2" | 1/2" | PROVIDE AND INSTALL CURTAIN AND ROD, T SHAPED RUBBER WATER STOPPER KIT, SEMI PERMANENT THRESHOLD ADAPTER AND CAVELESS DRAIN, ALSONS HAND HELD SHOWER #462BG, CHROME HOSE #49060BG, SUPPLY ELBOW #49060BG, VACUUM BREAKER #4910BG, HANSGROHE GLIDE BAR #27712, SIOUX CITY BRASS DRAIN #827-2B. |
| P-10 | SINK | ELKAY | LRAD252265 | ELKAY LK810GN08T4 | MC GUIRE LF158 | MC GUIRE 8902C | 1-1/2" x 1-1/2" | 1-1/2" | 1-1/2" | 1/2" | 1/2" | 25"x22" TOP MOUNTED SINK W/ 3 HOLE 18 GAUGE 304 STAINLESS STEEL. PROVIDE W/ EXPOSED DECK FAUCET W/ 6" GOOSENECK SPOUT 4" WRIST-BLADE HANDLES, ELKAY GRID DRAIN & TAILPIECE #LK18B & WATTS TMV #LFMMV-US-M1. INSTALL TO MEET ADA REQUIREMENTS. |
| P-11 | THERAPY ICE TUB | WHITEHALL | S-110-S | - | - | - | - | - | 2" | 1-1/2" | 1/2" | 56" L x 24" W x 25" D SEAMLESS WELDED CONSTRUCTION, 304 STAINLESS STEEL, SATIN FINISH, 2" COMBINATION DRAIN AND OVERFLOW AND FILLER SPOUT. SUPPLY MIXING VALVE MXT15 |

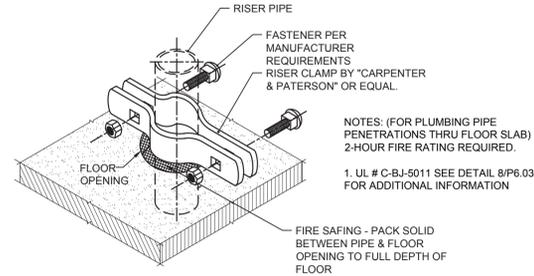
PLUMBING GENERAL NOTES

- ALL WORK SHALL CONFORM TO LATEST EDITION OF NEW YORK STATE ENERGY CODE & PLUMBING CODE, AND ALL OTHER APPLICABLE CODES, ORDINANCES, AND LOCAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL VISIT JOB SITE AND NOTE ALL EXISTING CONDITIONS TO BE MET BEFORE SUBMITTING BID. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND SHOW THE INTENT OF WORK.
- CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE EXTENT AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS OR COMMENCING WORK.
- CONTRACTOR TO PROCURE AND PAY FOR ALL NECESSARY PERMITS AND LICENSES REQUIRED TO CARRY OUT WORK, OBTAIN AND PAY FOR ALL NECESSARY CERTIFICATES OF APPROVAL FOR WORK, AND PAY FOR ANY LEGAL FEES.
- INSTALLATION TO COMPLY WITH ALL FEDERAL, STATE, MUNICIPAL LAWS, AND ALL CODES, RULES, ORDINANCES, AND REGULATIONS OF HEALTH, PUBLIC OR OTHER AUTHORITIES CONTROLLING OR LIMITING THE METHODS, MATERIALS TO BE USED OR ACTIONS OF THOSE EMPLOYED IN THE WORK.
- CONTRACTOR SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK. CONTRACTOR SHALL REPORT ANY DISCREPANCIES, AND ADDRESS ALL QUESTIONS TO ARCHITECT/ENGINEER PRIOR TO COMMENCING WORK.
- PIPE INSTALLATION AS FOLLOWS:
 - RUN ALL PIPING CONCEALED IN CEILINGS, WALLS AND PARTITIONS.
 - ALL PIPING TO BE FITTED TO LOW POINTS WITH DRAIN VALVES. STORM AND WASTE PIPING SHALL BE SLOPED PER LATEST PLUMBING CODE.
 - SLEEVE PIPING THAT PASSES THROUGH WALLS.
 - INSTALL PITCH POCKETS & FLASH ALL PIPING THAT PASSES THROUGH ROOF.
 - PROVIDE ROD HANGERS WITH CLEVIS PIPE SUPPORT PER SPECIFICATION.
 - PROVIDE VALVES REQUIRED FOR COMPLETE CONTROL OF ALL SYSTEMS. STOP VALVES FOR SUPPLY TO ALL FIXTURES TO BE CHROME PLATED WHERE EXPOSED.
 - PROVIDE ACCESS DOORS FOR ALL CONCEALED VALVES AND CLEANOUTS.
 - CORE-DRILL FLOOR SLABS & PROVIDE 2-HR RATED FIRE STOPPING MATERIALS FOR ALL PIPE PENETRATION THROUGH FLOOR SLABS.
- CONTRACTOR TO PERFORM ALL TESTING OF THE PLUMBING WORK IN THE PRESENCE OF THE CONSTRUCTION MANAGER & OWNER. PROVIDE ALL APPARATUS, TEMPORARY CONNECTIONS, AND OTHER REQUIREMENTS TO DO SUCH TESTS. ANY DEFECTS, LEAKS, ETC. WILL BE REPLACED AND TEST REPEATED UNTIL TEST REQUIREMENTS ARE MET. SUBMIT TEST REPORT PAPERWORK INDICATING DURATION, RESULTS AND SIGNED BY CONSTRUCTION CM & OWNER.
- SUBMIT SHOP DRAWINGS OF ALL WORK TO BE DONE, EQUIPMENT, AND FIXTURES FURNISHED.
- PLUMBING CONTRACTOR TO CARRY OUT PERIODIC CLEANING TO REMOVE RUBBISH ETC., TO LEAVE PREMISES FREE FROM DEBRIS, AND DISCARDED MATERIALS. AFTER INSTALLATION, CLEAN FIXTURES, FITTINGS, ETC. AND LEAVE READY FOR USE.
- CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OF SITE IN AN APPROVED MANNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP WORK AREAS UPON COMPLETION OF WORK.
- ALL PLUMBING FIXTURES FAUCETS, FITTINGS AND VALVES SHALL MEET NSF/ASME 372 LEAD PERCENTAGE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING ALL NEW REPLACED WATER DRINKING OUTLETS PER SED AND DOH REQUIREMENTS, AND TWO (2) COPIES OF FINAL REPORT MUST BE SUBMITTED, ONE TO THE ENGINEER OF RECORD, THE OTHER ONE TO THE OWNER.

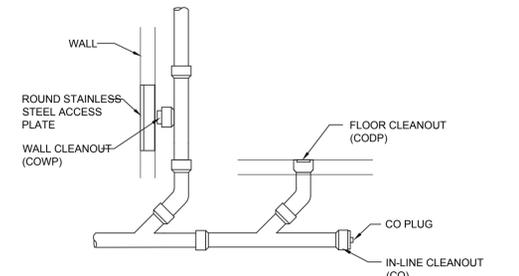
Date: 9/25/20
Checked: TW
Drawn: MAM

REGISTERED ARCHITECT
MICHAEL J. MCGOVERN, P.A.
STATE OF NEW YORK
02227-1
MICHAEL J. MCGOVERN, P.A.
REGISTERED ARCHITECT

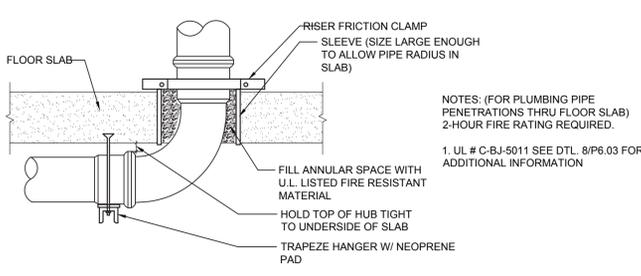
Revisions:
BID CONFORMANCE SET
11/20/20



1 PIPE RISER CLAMP
P6.02 N.T.S.



2 CLEANOUT DETAIL
P6.02 N.T.S.



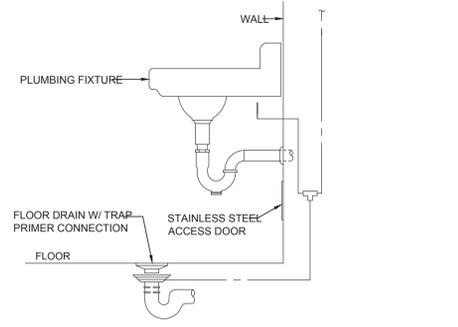
3 BASE OF STACK DETAIL
P6.02 N.T.S.

PLUMBING SYSTEM MATERIALS

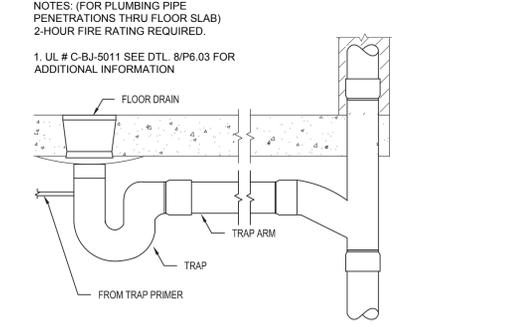
- PIPING:**
WASTE & VENT PIPING BELOW GRADE SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH GASKETS. ABOVE GRADE SHALL BE NO-HUB SERVICE WEIGHT CAST IRON PIPE WITH STAINLESS STEEL SHIELDED COUPLINGS. HOT AND COLD WATER PIPING ABOVE GRADE SHALL BE TYPE "L" COPPER WITH WROUGHT COPPER. PRO PRESS FITTINGS ARE APPROVED TO BE USED ON THIS PROJECT. BELOW GRADE SHALL BE TYPE "K" COPPER WITH NO FITTINGS.
- INSULATION:**
ALL HOT AND COLD WATER PIPING SHALL BE INSULATED WITH 1" THICK FIBERGLASS PIPE INSULATION WITH ASJ JACKET.
- CLEANOUTS:**
FLOOR: J.R. SMITH #4020 W/ ROUND NICKEL-BRONZE TOP.
WALL: J.R. SMITH #4532 W/ ROUND STAINLESS STEEL TOP.
- LAVATORY PROTECTIVE ENCLOSURE:**
FOR ALL LAVATORIES, INSTALL PROTECTIVE ENCLOSURE "LAV SHIELD" W/ TAMPER-RESISTANT SCREWS BY TRUEBRO OR APPROVED EQUAL.

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4 FLOOR DRAIN & TRAP PRIMER
P6.02 N.T.S.

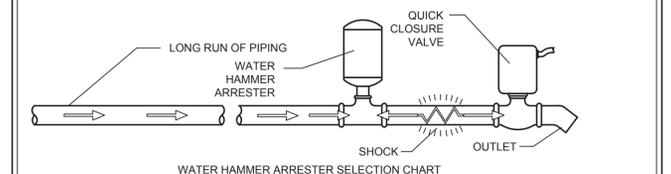


5 FLOOR DRAIN DETAIL
P6.02 N.T.S.

| SYMBOL LEGEND | |
|---------------|--------------------------------|
| --- | NEW COLD WATER PIPING |
| --- | EXISTING CW LINE TO REMAIN |
| --- | EXISTING CW LINE TO BE REMOVED |
| --- | NEW HOT WATER PIPING |
| --- | EXISTING HW LINE TO REMAIN |
| --- | EXISTING HW LINE TO BE REMOVED |
| --- | EXISTING HWR LINE TO REMAIN |
| --- | NEW TEMPERED WATER |
| --- | NEW BALL VALVE FIXTURE SHUTOFF |
| --- | ISOLATION BALL VALVE |
| ● | POINT OF CONNECTION |
| (P-X) | PLUMBING FIXTURE DESIGNATION |

SIZING & PLACEMENT OF WATER HAMMER ARRESTER (WHA)

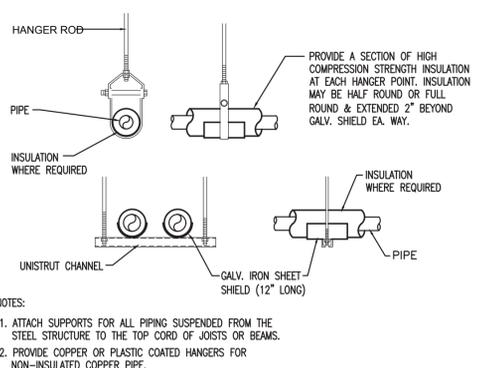
THE FOLLOWING CHART INDICATES THE SIZE OF THE WATER ARRESTER REQUIRED FOR LONG RUNS OF PIPING WHICH FEED A SINGLE REMOTE FIXTURE OR APPLIANCE. THE WATER ARRESTER UNIT SHALL BE SIZED BY USING THE CHART AND LOCATED AS CLOSE TO THE POINT OF QUICK CLOSURE AS POSSIBLE.



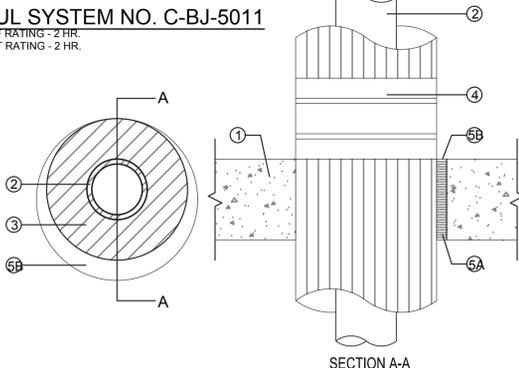
| LENGTH OF PIPE | NOMINAL PIPE SIZE | | | | | |
|----------------|-------------------|------|------|------------------|------------------|------------------|
| | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
| 25' | 5005 | 5005 | 5010 | 5020 | 5030 | 5040 |
| 50' | 5005 | 5010 | 5020 | 5030 | 5040 | 5050 |
| 75' | 5010 | 5020 | 5030 | 1-5005 1-5040 | 5050 | 1-5040 1-5050 |
| 100' | 5020 | 5030 | 5040 | 5050 | 1-5020 1-5050 | 2-5050 |
| 125' | 5020 | 5030 | 5050 | 1-5005 1-5050 | 1-5040 1-5050 | 1-5040 2-5050 |
| 150' | 5030 | 5040 | 5050 | 1-5030 1-5050 | 2-5050 | 3-5050 |

NOTE: THE ABOVE CHART SHOWS LENGTHS OF RUN OF BRANCH PIPING. THE LENGTH OF RUN USED SHALL BE THE LENGTH OF PIPE FROM POINT OF VALVE CLOSURE TO A POINT OF RELIEF, SUCH AS LARGE PIPE RISER TWICE THE SIZE OF THE BRANCH LINE, MAIN LINE OR WATER TANK.

ALL SIZING RECOMMENDATIONS SHOWN ON THE ABOVE CHART ARE BASED ON AN OPERATING WATER PRESSURE OF 65 PSI OR UNDER AN AVERAGE VELOCITY BETWEEN 5 AND 10 FEET PER SECOND. IF OPERATING PRESSURE IS OVER 65 PSI USE THE NEXT LARGER WATER HAMMER ARRESTER UNIT. WHEN PRESSURE IS ANTICIPATED ABOVE 80 PSI A PRESSURE REDUCING VALVE IS REQUIRED.



6 PIPE SUPPORT HANGERS
P6.02 N.T.S.



7 TYPICAL PIPE PENETRATION (ALL LOCATIONS)
P6.02 N.T.S.

SED PROJECT #66-08-01-06-0-005-020

SCHEDULES AND DETAILS
RENOVATIONS TO THE PHYSICAL ED. DEPARTMENT
WESTLAKE HIGH SCHOOL
825 WEST LAKE DRIVE
THORNWOOD, NY 10594

Job No. 4.1449.08
Rev. No. 4.144908P101

P6.02