

MT. PLEASANT CENTRAL SCHOOL DISTRICT
RENOVATIONS TO THE PHYSICAL EDUCATION DEPARTMENT

at
WESTLAKE HIGH SCHOOL
825 WESTLAKE DRIVE
THORNWOOD, NY 10594
NYSED PROJECT #66-08-01-06-0-005-020
CONTRACT #1c: PLUMBING

Symbols

GRADE LINE

BORDER LINE, OUTLINE

FIRE SEPARATION WALL
SMOKE COMPARTMENT

CENTER LINE

OBJECT LINE

ELEVATION LINE

MATCH LINE

HIDDEN LINE

DEMOLITION

BREAK LINE

BREAK LINE (PIPE)

FRAMING
DESIGNATION

DIMENSION LINE

COLUMN LINE

DOOR TAG

WINDOW TAG

CEILING TAG

PLUMBING TAG

EQUIPMENT TAG

WALL TAG

DEMOLITION
NOTE

CONSTRUCTION
NOTE

SLOPE
DESIGNATIONS

ADA
SYMBOL

REVISION CLOUD W/ TAG

ROOM
NAME
DESIGNATION

BLOW UP PLAN
DESIGNATION

INTERIOR
ELEVATION

SECTION MARK

ROOM
NAME

100

100 SF

1

2

3

4

1

2

3

4

1

2

3

4

Drawing Label

1/8" = 1'-0"

Location Map

General Notes

- ALL WORK SHALL CONFORM TO THE 2015 INTERNATIONAL BUILDING CODE AND ALL OTHER APPLICABLE CODES, ORDINANCES, ETC. FOR NEW YORK STATE AND THE LOCAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH THE EXISTING CONDITIONS AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS AND COMMENCING WORK.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES AND ADDRESS ALL QUESTIONS TO ARCHITECT PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL NOT SCALE DRAWINGS FOR DIMENSIONS. ALL NOTES OR DIMENSIONED INFORMATION TAKES PRECEDENCE OVER THE DRAWING.
- IN ALL CASES WHERE A CONFLICT MAY OCCUR SUCH AS BETWEEN ITEMS COVERED BY SPECIFICATIONS, NOTES ON THE DRAWINGS, OR BETWEEN GENERAL NOTES AND SPECIFIC DETAILS, THE ARCHITECT SHALL BE NOTIFIED AND WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.
- DETAILS NOTED AS "TYPICAL" (TYP.) SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE.
- WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL AND SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFE WORKING CONDITIONS AND SHALL OBSERVE ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND THE OWNER. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENT SHALL APPLY. CARE SHALL BE EXERCISED TO AVOID ENDANGERING PERSONNEL OR STRUCTURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION METHODS, PROCEDURES AND JOB SITE CONDITIONS INCLUDING SAFETY. CONSTRUCTION SHALL BE PERFORMED IN SUCH A MANNER TO PROTECT WORKMEN, OCCUPANTS AND THE PUBLIC TO BE PROTECTED FROM INJURY AND ADJOINING PROPERTY SHALL BE PROTECTED FROM DAMAGE BY USE OF SCAFFOLDING, UNDERPINNING OR OTHER APPROVED METHOD. THE CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM HIS OPERATIONS IN KIND TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN, DEBRIS FREE CONDITION. THE DUST RESULTING FROM REMOVALS SHALL BE CONTROLLED SO AS TO PREVENT ITS SPREAD TO OCCUPIED PORTIONS OF THE BUILDING AND TO AVOID CREATION OF A NUISANCE IN THE SURROUNDING AREA.
- CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM THEIR OPERATIONS IN KIND TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OFF SITE IN AN APPROVED MANNER UPON COMPLETION OF WORK. ANY EXTRA BUILDING MATERIALS SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AS DIRECTED. THE OWNER SHALL BE CONSULTED PRIOR TO DISPOSAL OF SALVAGED OR EXCESS MATERIALS AT PROJECT COMPLETION. THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
- ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
- CONTRACTOR SHALL COORDINATE SCHEDULING OF WORK WITH THE OWNER'S REQUIREMENTS AND SCHEDULE. CONSTRUCTION ACTIVITIES SHALL COMPLY WITH LOCAL NOISE ORDINANCES REQUIREMENTS.
- CONTRACTOR SHALL FURNISH ALL EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION AND TEMPORARY SUPPORT OF ANY UTILITIES ENCOUNTERED DURING THE COURSE OF THEIR WORK AND TO ENSURE THE OWNER'S FACILITY TO BE OPERATIONAL. IF REQUIRED, THE CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO ALL UTILITIES AND PUBLIC FACILITIES INCLUDING FIRE HYDRANTS, FIRE ALARM BOXES, POLICE CALL BOXES, STREET LIGHTS, MANHOLES, AMONG OTHERS DURING DEMOLITION AND CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, PATCHING, FILLING AND CLEANING UPON COMPLETION OF WORK.
- THE CONTRACTOR SHALL SUBMIT WHERE REQUIRED, SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL PRIOR TO THE START OF FABRICATION OR PURCHASE OF THOSE ITEMS.
- THE CONTRACTOR SHALL PROVIDE THE OWNER AND ARCHITECT WITH CERTIFICATES OF INSURANCE, AS SPELLED OUT IN THE SPECIFICATIONS, PRIOR TO STARTING THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND BRACING OF EXISTING STRUCTURES AS NEEDED TO COMPLETE THE NEW WORK.
- ALL MANUFACTURER'S MATERIALS, COMPONENTS, FASTENERS, ASSEMBLIES, ETC. SHALL BE HANDLED AND INSTALLED IN ACCORDANCE WITH EACH MANUFACTURER'S SPECIFIC INSTRUCTIONS AND RECOMMENDATIONS. WHERE BRAND NAMES AND MANUFACTURED PRODUCTS ARE CALLED FOR, APPROVED EQUALS WHICH MEET APPLICABLE STANDARDS AND SPECIFICATIONS MAY BE SUBSTITUTED WITH WRITTEN PERMISSION OF THE ARCHITECT AND THE OWNER. WHENEVER BRAND NAMES OR SPECIFIC PRODUCT SYSTEMS ARE INDICATED IT SHALL BE CLEARLY UNDERSTOOD THAT SUCH IDENTIFICATION IS FOR THE PURPOSE OF ILLUSTRATING THE TYPE OF PRODUCT AND DEGREE OF QUALITY DESIRED. SUCH IDENTIFICATION IN NO WAY PRECLUDES THE CONTRACTOR FROM USING PRODUCTS OF OTHER MANUFACTURERS WHICH CAN BE SHOWN IN ADVANCE TO BE OF LIKE KIND AND EQUAL QUALITY.
- ALL CHANGES SHALL BE REQUESTED IN WRITING AND MAY ONLY BE APPROVED IN WRITING BY THE ARCHITECT AND THE OWNER PRIOR TO ANY CHANGES BEING MADE.
- THE ARCHITECT AND THE OWNER HAVE THE RIGHT TO REJECT ANY PORTION OF WORK THAT IS POORLY INSTALLED, DOES NOT MEET INDUSTRY STANDARD, UNAUTHORIZED OR WORK DONE CONTRARY TO THE INTENT OF THE CONTRACT DOCUMENTS. SUCH WORK SHALL BE REPLACED, REPAIRED OR REMOVED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL GUARANTEE ALL OF THEIR WORK AND THE WORK OF THEIR SUBCONTRACTORS FOR A PERIOD ONE YEAR AFTER RECEIVING FINAL ACCEPTANCE AND DO ALL REPAIR WORK AND REPLACEMENT AS NECESSARY DURING THAT PERIOD AT THE CONTRACTOR'S EXPENSE.
- IN NO EVENT SHALL STRUCTURAL MEMBERS BE CUT OR DRILLED WITHOUT THE WRITTEN APPROVAL OF A LICENSED STRUCTURAL ENGINEER.
- THE CONTRACTOR SHALL PROVIDE SAFE AND SANITARY CONDITIONS WHERE DEMOLITION AND WRECKING OPERATIONS ARE BEING CARRIED ON. WORK SHALL BE EXECUTED IN SUCH A MANNER THAT HAZARD FROM FIRE, POSSIBILITY OF INJURY, DANGER TO HEALTH AND CONDITIONS WHICH MAY CONSTITUTE A PUBLIC NUISANCE SHALL BE MINIMIZED.
- THE ARCHITECT WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS AS WELL AS FAILURE TO OBTAIN AND/OR FOLLOW THE ARCHITECT'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.
- COLOR, FINISHING & TEXTURE OF ALL FINISH MATERIALS, WHERE NOT INDICATED ON THE DRAWINGS, SHALL BE SELECTED BY OWNER.
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, AND NFPA 70.
- CONTRACTORS OR ANY SUBCONTRACTORS PERFORMING WORK UNDER THIS CONTRACT SHALL CARRY LIABILITY AND PROPERTY DAMAGE INSURANCE AGAINST ACCIDENTS OF ALL KINDS AND SHALL FURNISH OWNER WITH CERTIFICATE OF INSURANCE.
- ALL WORK IN THESE DRAWINGS SHALL BE CONSIDERED NEW WORK WHETHER STATED OR NOT EXCEPT WHERE SPECIFICALLY NOTED AS EXISTING.

Drawing Index

Sheet No.	DESCRIPTION
T0.01P	PLUMBING TITLE SHEET
P1.01	PLUMBING DEMOLITION FLOOR PLANS
P2.01	PLUMBING PROPOSED FLOOR PLANS
P6.01	PLUMBING RISER SCHEMATICS
P6.02	SCHEDULES AND DETAILS

Aerial View

Location Plan

Date

9/25/20

Checked

MTM

Drawn

KM

REGISTERED ARCHITECT

MICHAEL J. MCGOVERN, R.A.

022257-1

THE STATE OF NEW YORK

Revisions:
BID CONFORMANCE SET
11/2020

LAN ASSOCIATES

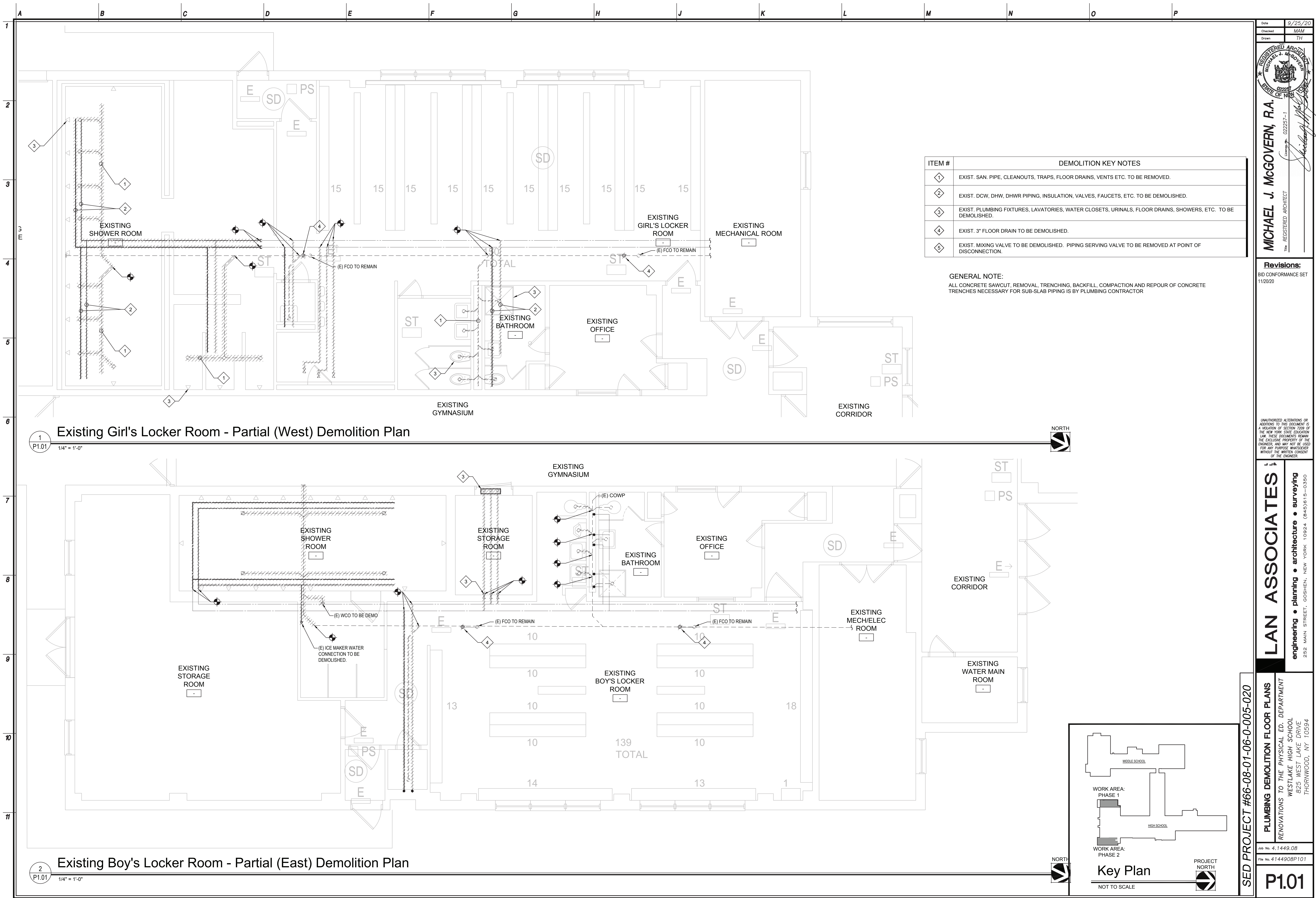
engineering • planning • architecture • surveying

252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)818-0350

SED PROJECT #66-08-01-06-0-005-020
PLUMBING TITLE SHEET
RENOVATIONS TO THE PHYSICAL ED. DEPARTMENT
WESTLAKE HIGH SCHOOL
825 WEST LAKE DRIVE
THORNWOOD, NY 10594

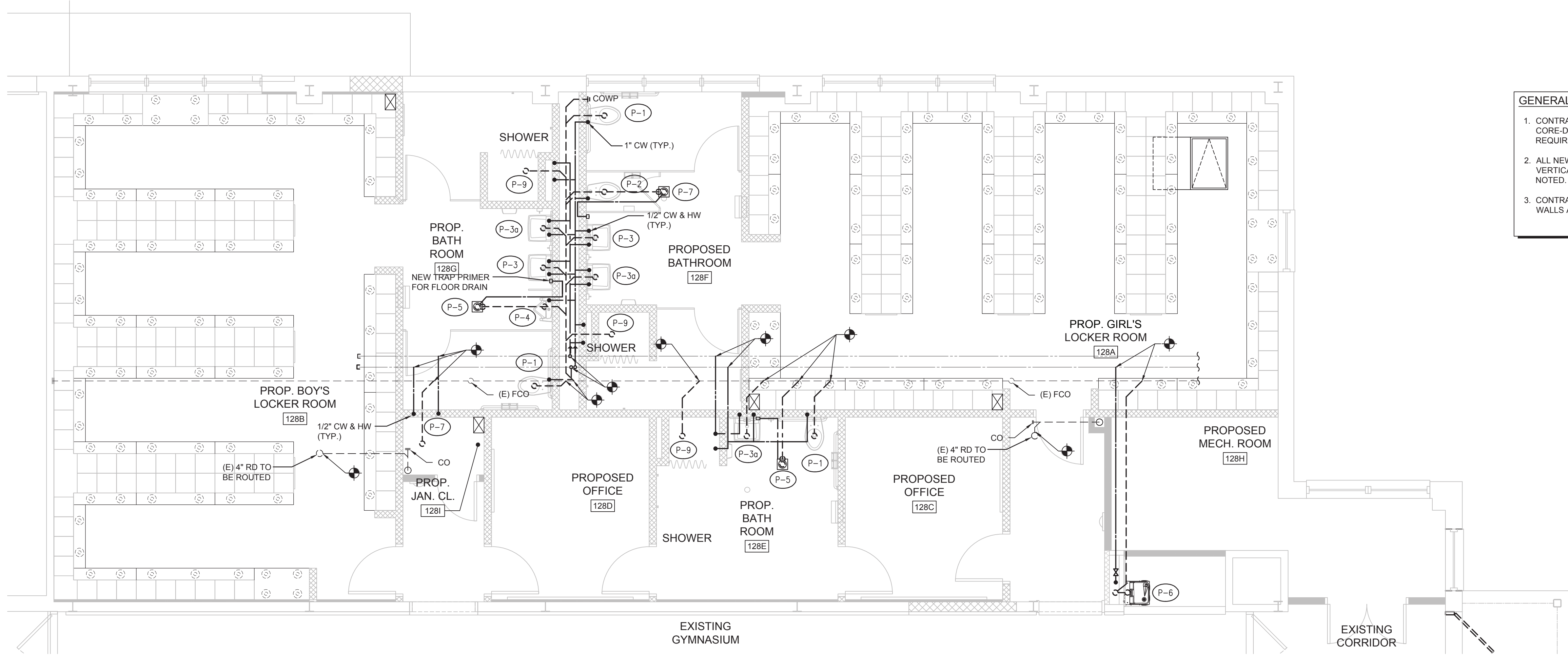
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File No. 4144909T001

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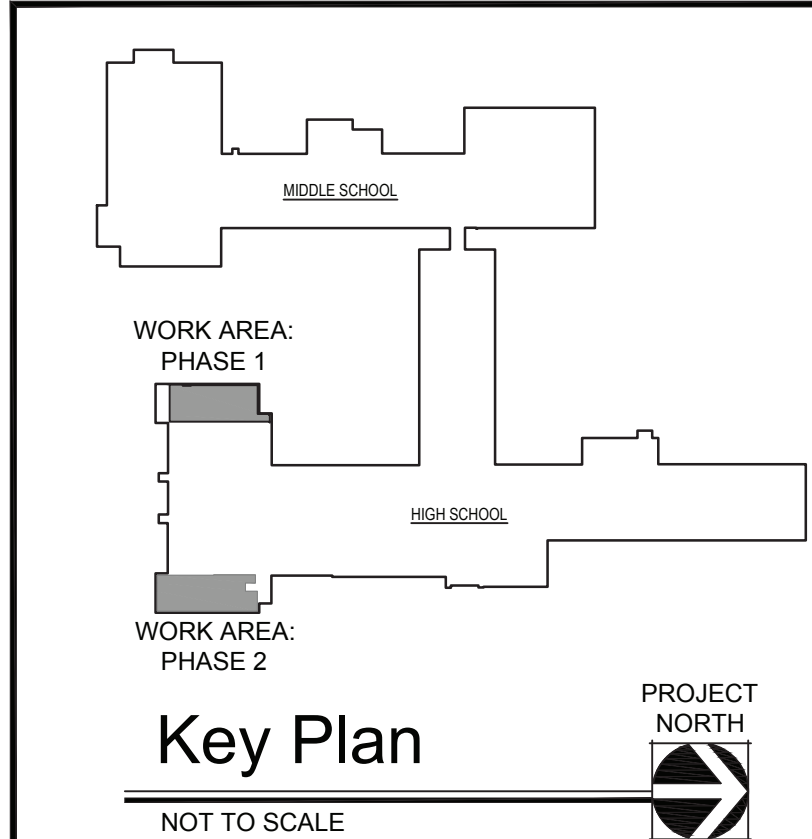
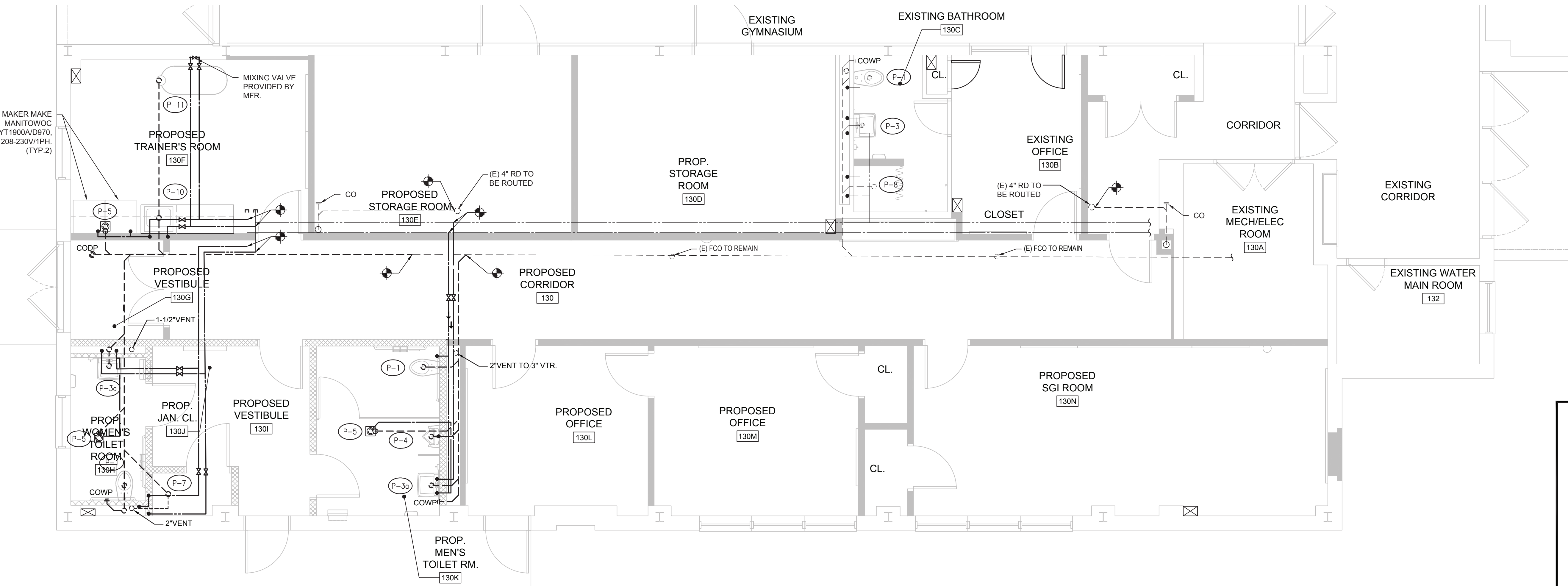


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- GENERAL PLUMBING NOTES**
1. CONTRACTOR SHALL CHECK IN FIELD FOR EXACT ROUTING OF PLUMBING PIPING. CORE-DRILL FOR NEW PIPE PENETRATIONS & PROVIDE ALL PIPE ELBOWS, FITTINGS, ETC. REQUIRED FOR THE PROJECT.
 2. ALL NEW PLUMBING PIPING SHALL BE INSTALLED CONCEALED ABOVE CEILING & ALL VERTICAL PIPING SHALL BE INSTALLED CONCEALED IN CHASES, UNLESS OTHERWISE NOTED.
 3. CONTRACTOR IS RESPONSIBLE TO SAWCUT EXIST. FLOOR SLABS & CORE-DRILL EXIST. WALLS AS REQUIRED. PATCH/SEAL/CAULK & PAINT TO MATCH EXISTING.



Date 9/25/20
Checked MAM
Drawn TH
REGISTERED ARCHITECT
MICHAEL J. MCGOVERN, R.A.
02257-1
The REGISTERED ARCHITECT

Revisions:
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11/20/20

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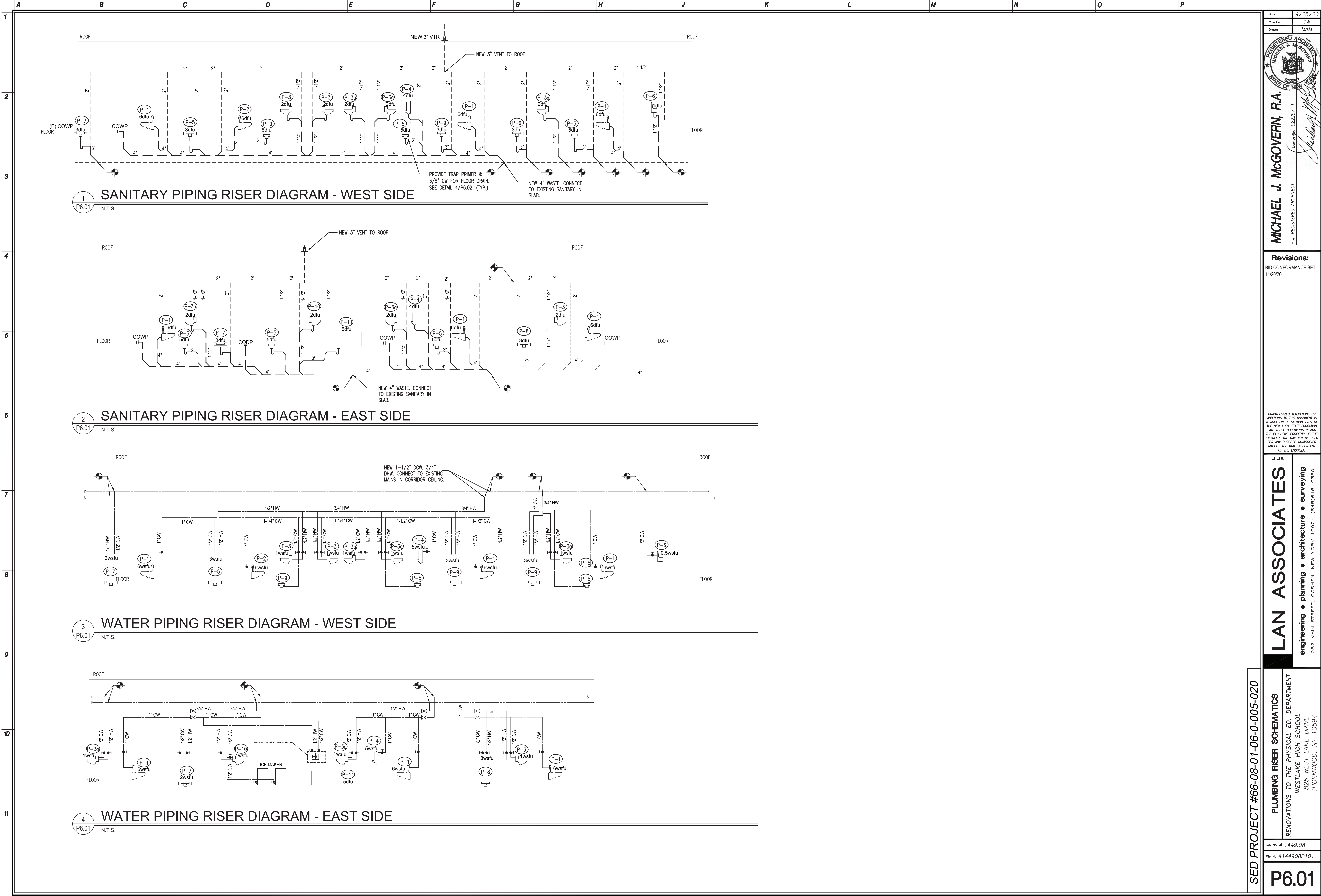
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PLUMBING PROPOSED FLOOR PLANS
RENOVATIONS TO THE PHYSICAL ED. DEPARTMENT
WESTLAKE HIGH SCHOOL
825 WEST LAKE DRIVE
THORNWOOD, NY 10594

Job No. 4,1449.08
File No. 4144908P101

P2.01

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



Date	9/25/20
Checked	TW
Drawn	MAM



MICHAEL J. MCGOVERN, R.A.
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SED PROJECT #66-08-01-06-0-005-020

PLUMBING RISER SCHEMATICS
RENOVATIONS TO THE PHYSICAL ED. DEPARTMENT
WESTLAKE HIGH SCHOOL
825 WEST LAKE DRIVE
THORNWOOD, NY 10594

Job No. 4.1449.08
File No. 4144908P101

P6.01

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	MCGUIRE 158	MCGUIRE 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	MCGUIRE 158	MCGUIRE 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-H-B-NB	-	P-TRAP	-	3"	3"	2"	-	-	FLOOR DRAIN WITH SQUARE TOP, HINGED GRATE, SEDIMENT BUCKET, TRAP PRIMER CONNECTION, & NICKEL BRONZE TOP.
(P-6)	WATER COOLER	ELKAY	LZS8WSLP	McGUIRE ST07	McGUIRE 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	-	P-TRAP	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 CAVLELESS DRAIN, ALSONS HAND HELD SHOWER #462BG, CHROME HOSE #49060BG, SUPPLY ELBOW #4990FBG, VACUUM BREAKER #4910BG, HANGSROHE GLIDE BAR #27712, SIOUX CITY BRASS DRAIN #827-2B.
(P-9)	ADA SHOWER	SHOWER	BEST BATH SYSTEMS LSS4-0238AST	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 CAVLESS DRAIN, ALSONS HAND HELD SHOWER #462BG, CHROME HOSE #49060BG, SUPPLY ELBOW #4990FBG, VACUUM BREAKER #4910BG, HANGSROHE GLIDE BAR #27712, SIOUX CITY BRASS DRAIN #827-2B.
(P-10)	SINK	ELKAY	LRAD252265	ELKAY LK810GN08T4	MCGUIRE LF158	MCGUIRE 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/ 8" 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"	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

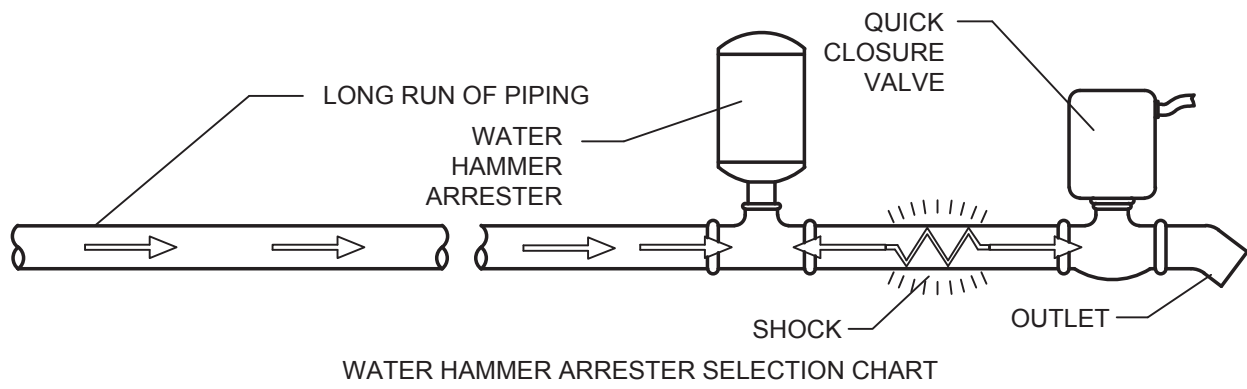
- ALL WORK SHALL CONFORM TO LATEST EDITION OF NEW YORK STATE ENERGY CODE & PLUMBING CODE, AND ALL OTHER APPLICABLE CODES, ORDINANCES, AND LOCAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL VISIT JOB SITE AND NOTE ALL EXISTING CONDITIONS TO BE MET BEFORE SUBMITTING BID. THE DRAWINGS ARE GENERALLY 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 PITCHED 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.

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.

SIZING & PLACEMENT OF WATER HAMMER ARRESTER (WHA)

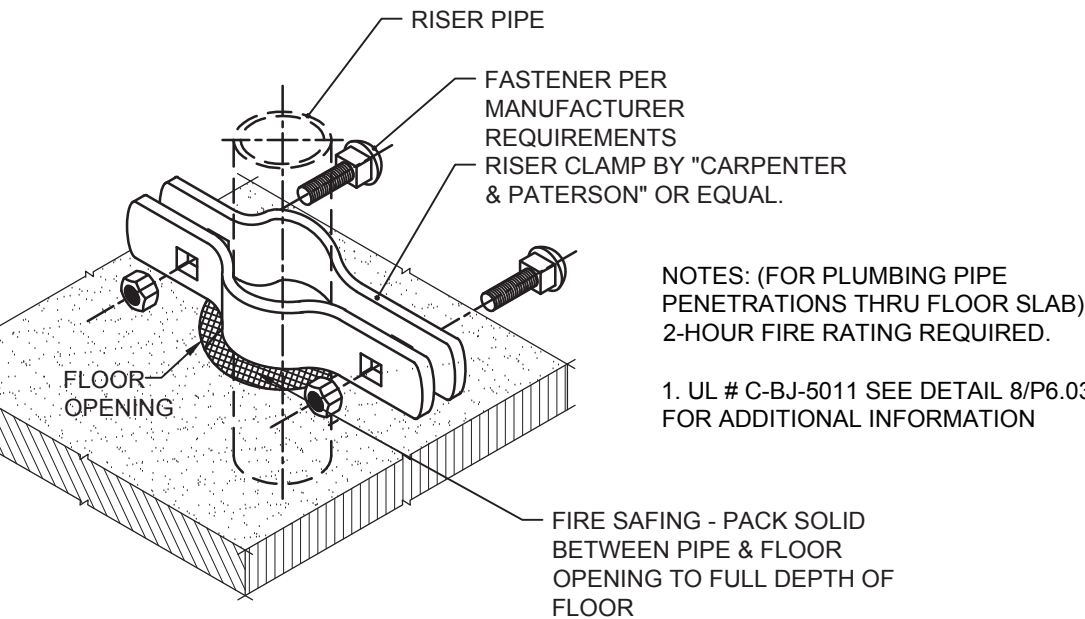
THE FOLLOWING CHART INDICATES THE SIZE OF THE WATER ARRESTER REQUIRED FOR LONG RUNS OF PIPING WHICH FEED A SINGLE REMOTE FIXTURE OR APPLIANCE. THE WATER ARRESTER UNIT SHALL BE SIZED BY USING THE CHART AND LOCATED AS CLOSE TO THE POINT OF QUICK CLOSURE AS POSSIBLE.



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

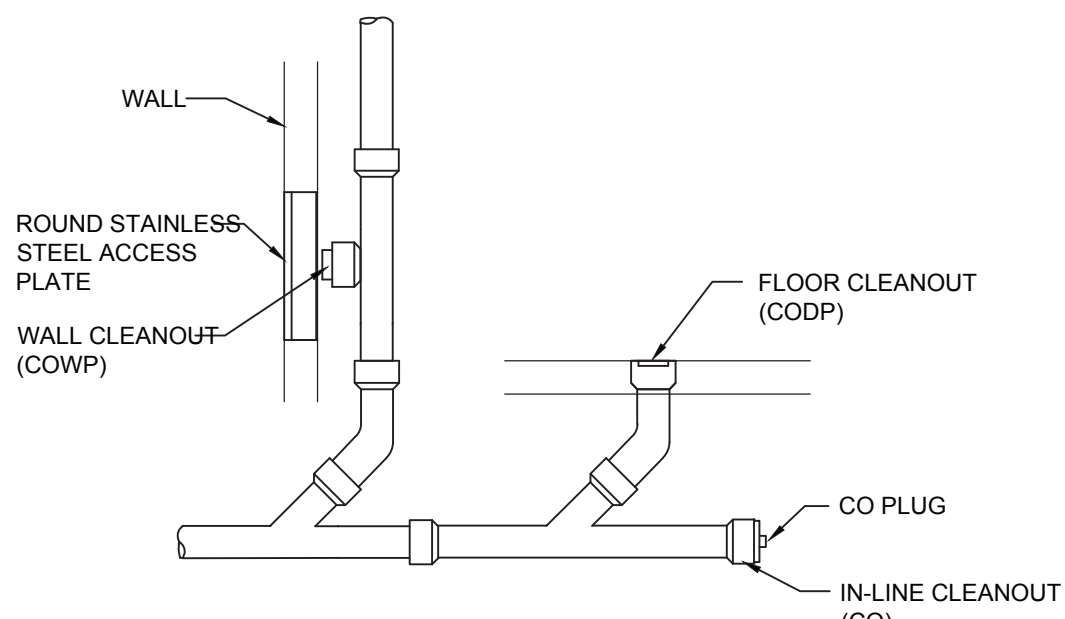
NOTE: THE ABOVE CHART SHOWS LENGTHS OF RUN OF BRANCH PIPING. THE LENGTH OF RUN USED SHALL BE THE LENGTH OF PIPE FROM POINT OF VALVE CLOSURE TO A POINT OF RELIEF, SUCH AS LARGE PIPE RISER TWICE THE SIZE OF THE BRANCH LINE, MAIN LINE OR WATER TANK.

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.



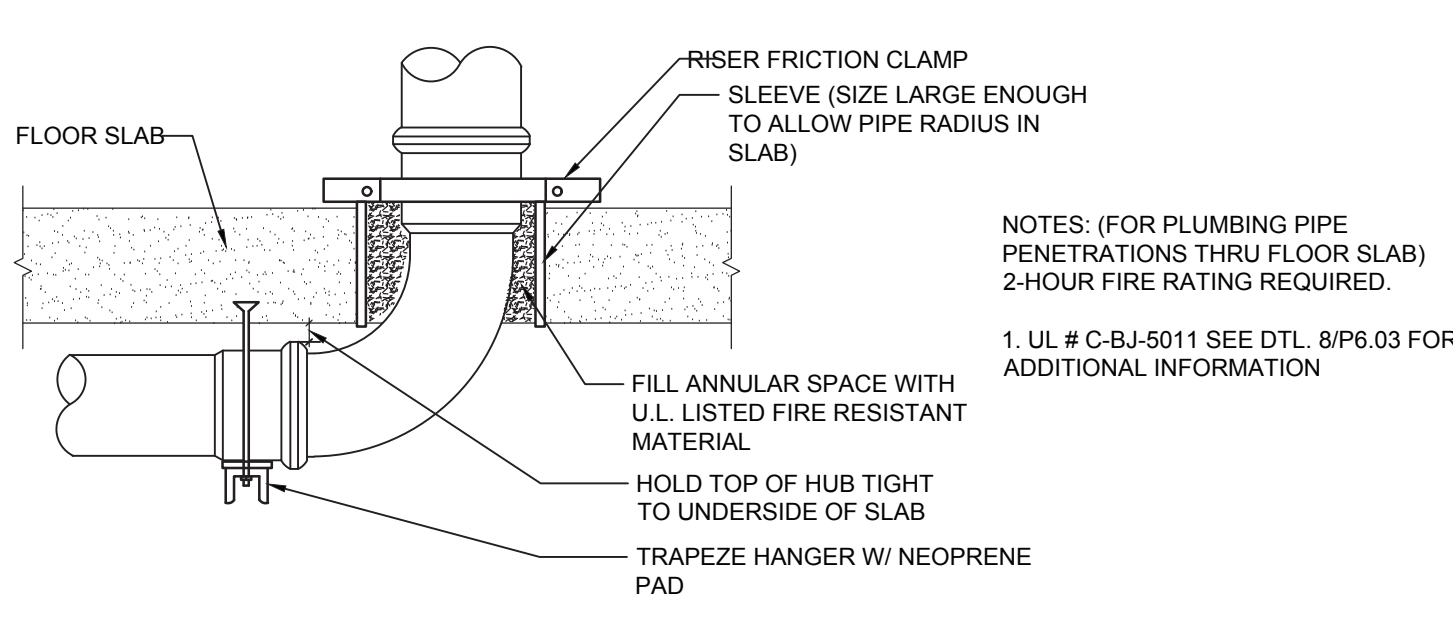
PIPE RISER CLAMP

1 P6.02 N.T.S.



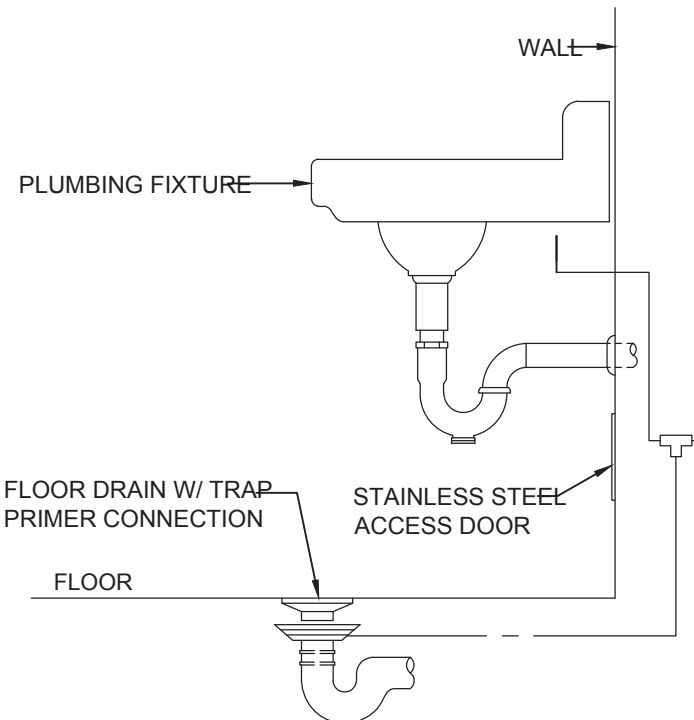
CLEANOUT DETAIL

2 P6.02 N.T.S.



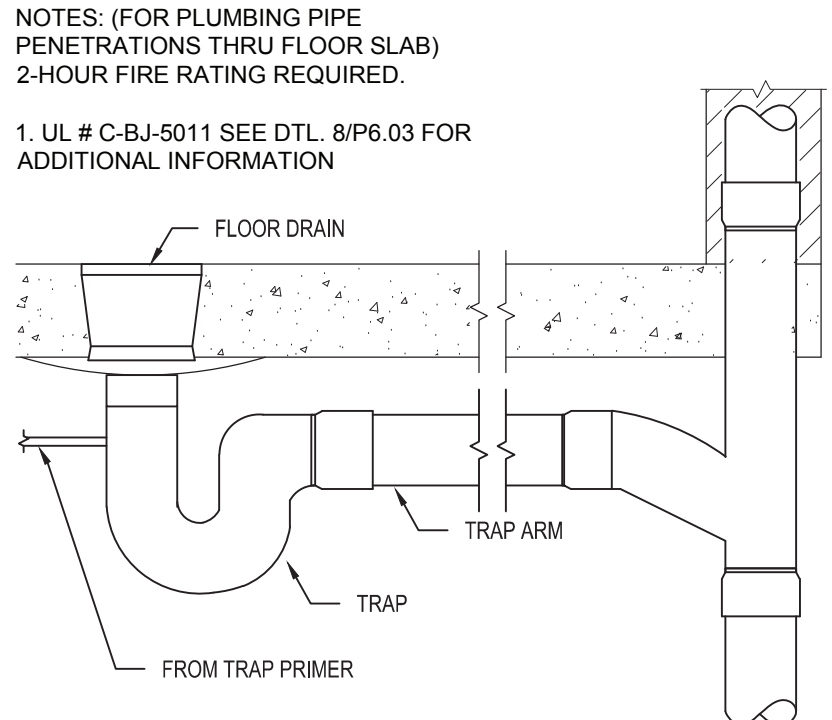
BASE OF STACK DETAIL

3 P6.02 N.T.S.



FLOOR DRAIN & TRAP PRIMER

4 P6.02 N.T.S.

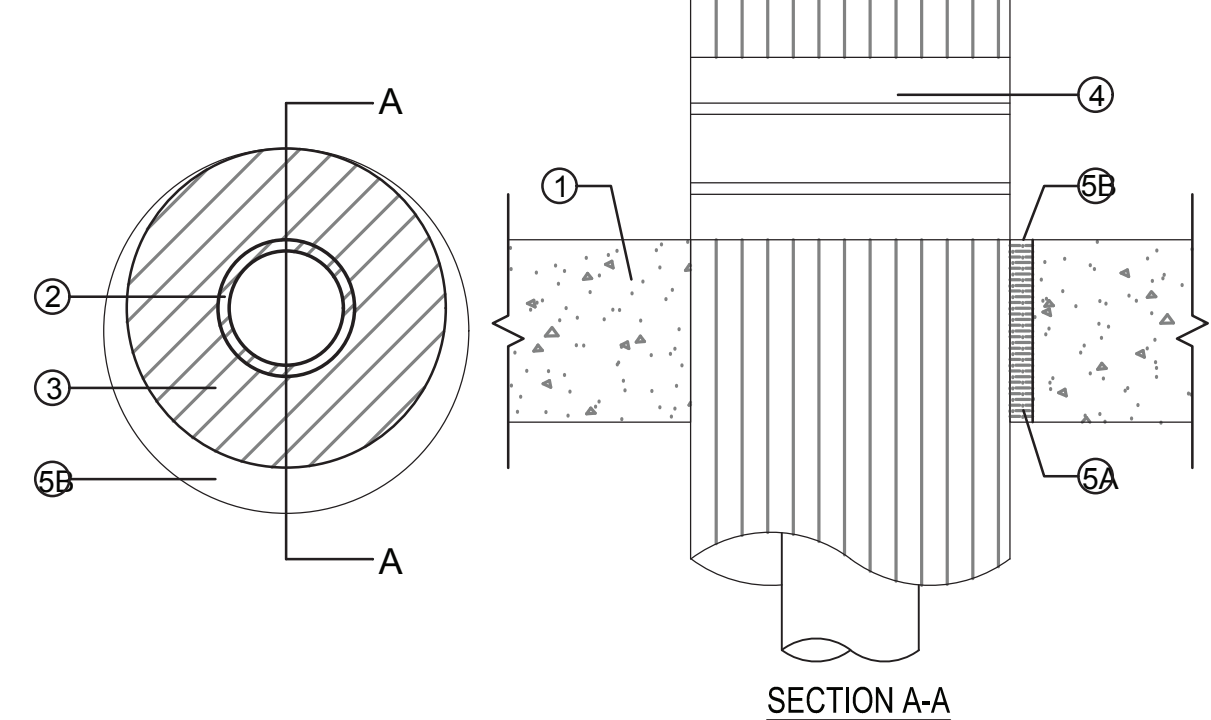


FLOOR DRAIN DETAIL

5 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
---	ISOLATION BALL VALVE
---	POINT OF CONNECTION
(P-X)	PLUMBING FIXTURE DESIGNATION

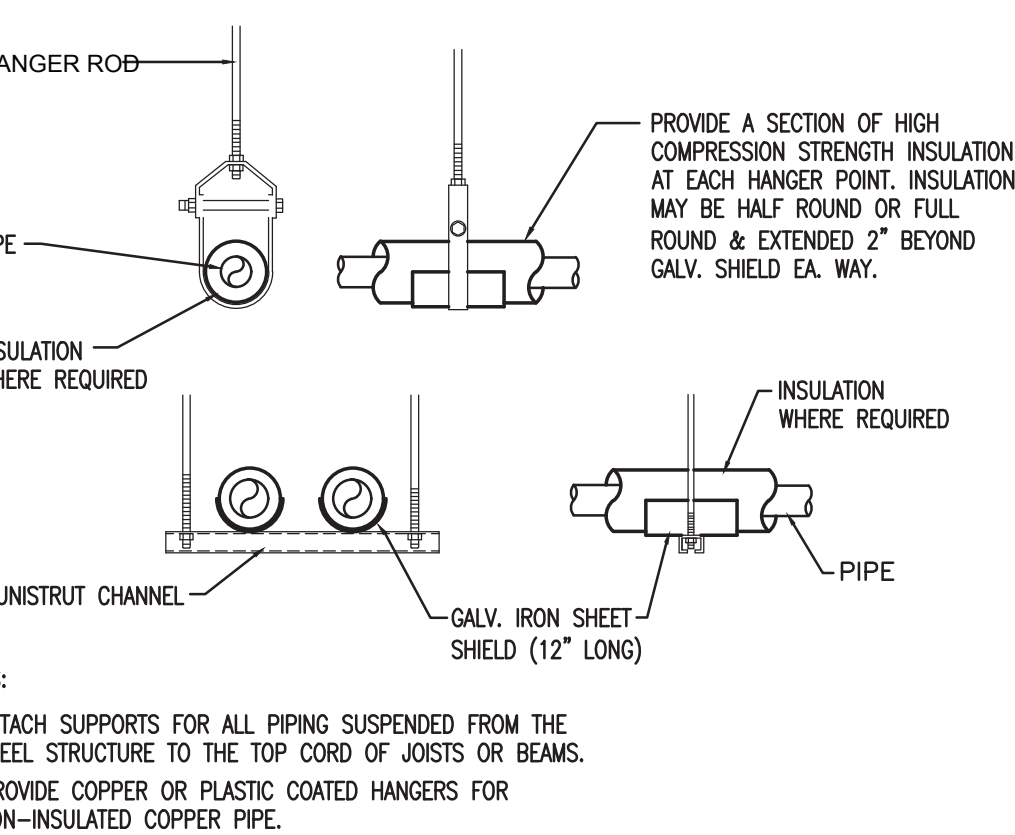
UL SYSTEM NO. C-BJ-5011
F RATING - 2 HR.
T RATING - 2 HR.



TYPICAL PIPE PENETRATION (ALL LOCATIONS)

7 P6.02 N.T.S.

2-HOUR RATED



PIPE SUPPORT HANGERS

6 P6.02 N.T.S.

Date 9/25/20
Checked TW
Drawn MAM
REGISTERED ARCHITECT
MICHAEL J. MCGOVERN, P.A.
02257-1
11th REGISTERED ARCHITECT

Revisions:
BID CONFORMANCE SET
11/2020

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

Job No. 4.1449.08
File No. 4144908P101

P6.02

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