

**PLUMBING FIXTURE SCHEDULE**

ITEM No.	FIXTURE	TRAP	VENT	COLD WATER	HOT WATER	TEMPERED WATER	DESCRIPTION
P-1 (HC)	WATER CLOSET PHYSICALLY HANDICAPPED (CHILDREN)	4"	2"	1"	—	—	FURNISH AND INSTALL AMERICAN STANDARD MADERA YOUTH FLOWISE, 14" HEIGHT, ELONGATED BOWL, NO. 2599.001, TOP SPLUD, FLOOR MOUNTED. THE TOP OF WATER CLOSET SEAT SHALL BE 15" ABOVE FINISHED FLOOR FOR HANDICAPPED ACCESSIBILITY. PROVIDE AND INSTALL AMERICAN STANDARD BATTERY POWERED AND SENSOR OPERATED SELECTRONIC FLUSHOMETER MODEL 6065.121.002 LOW CONSUMPTION (1.28 G.P.F.) AND ALL NECESSARY SUPPORTS AND CONNECTIONS. FURNISH SEAT, HEAVY DUTY OPEN FRONT LESS COVER, MODEL 5901, COLOR TO BE WHITE.
P-1	WATER CLOSET (CHILDREN)	4"	2"	1"	—	—	FURNISH AND INSTALL AMERICAN STANDARD MADERA YOUTH FLOWISE, 14" HEIGHT, ELONGATED BOWL, NO. 2599.001, TOP SPLUD, FLOOR MOUNTED. PROVIDE AND INSTALL AMERICAN STANDARD BATTERY POWERED AND SENSOR OPERATED SELECTRONIC FLUSHOMETER MODEL 6065.121.002 LOW CONSUMPTION (1.28 G.P.F.) AND ALL NECESSARY SUPPORTS AND CONNECTIONS. FURNISH SEAT, HEAVY DUTY OPEN FRONT LESS COVER, MODEL 5901, COLOR TO BE WHITE.
P-2 (HC)	LAVATORY PHYSICALLY HANDICAPPED (CHILDREN)	1-1/2"	1-1/2"	1/2"	1/2"	1/2"	FURNISH AND INSTALL AMERICAN STANDARD LUCERNE WHITE VITREOUS CHINA WALL HUNG LAVATORY MODEL 0355.012 WITH FRONT OVERFLOW, FAUCET LEDGE, "D" SHAPED BOWL, SELF-DRAINAGE DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS AND BRACKET SUPPORT. RIM OF LAVATORY SHALL BE 30" ABOVE FINISHED FLOOR FOR HANDICAPPED ACCESSIBILITY. FURNISH AND INSTALL WITH AMERICAN STANDARD INNSBROOK SELECTRONIC ELECTRONIC PROXIMITY LAVATORY FAUCET MODEL 6063.205 BATTERY POWERED FAUCET (0.5 GPM) WITH AMERICAN STANDARD MODEL 606XTM1070 THERMOSTATIC MIXING VALVE, GRID STRAINER AND TRUEBRO MODEL 2018-AS-L LAV SHIELD ENCLOSURE. FURNISH AND INSTALL LAVATORY WITH ZURN MODEL 21231-EZ CONCEALED ARM CARRIER.
P-2	LAVATORY (CHILDREN)	1-1/2"	1-1/2"	1/2"	1/2"	1/2"	FURNISH AND INSTALL AMERICAN STANDARD LUCERNE WHITE VITREOUS CHINA WALL HUNG LAVATORY MODEL 0355.012 WITH FRONT OVERFLOW, FAUCET LEDGE, "D" SHAPED BOWL, SELF-DRAINAGE DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS AND BRACKET SUPPORT. RIM OF LAVATORY SHALL BE 30" ABOVE FINISHED FLOOR FOR HANDICAPPED ACCESSIBILITY. FURNISH AND INSTALL WITH AMERICAN STANDARD INNSBROOK SELECTRONIC ELECTRONIC PROXIMITY LAVATORY FAUCET MODEL 6063.205 BATTERY POWERED FAUCET (0.5 GPM) WITH AMERICAN STANDARD MODEL 606XTM1070 THERMOSTATIC MIXING VALVE, GRID STRAINER AND TRUEBRO MODEL 2018-AS-L LAV SHIELD ENCLOSURE. FURNISH AND INSTALL LAVATORY WITH ZURN MODEL 21231-EZ CONCEALED ARM CARRIER.

**PLUMBING NOTES**

- DEMOLITION**
- PLUMBING CONTRACTOR TO SHUT-OFF & DISCONNECT HOT & COLD WATER SUPPLIES, SANITARY WASTE LINES & VENT PIPING. GENERAL CONTRACTOR TO REMOVE ALL PLUMBING FIXTURES AS INDICATED ON DRAWINGS.
  - ALL HOT WATER, COLD WATER, SANITARY & VENT PIPING TO EXISTING PLUMBING FIXTURES SHALL BE COMPLETELY REMOVED BACK AS INDICATED ON DRAWINGS. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY PIPE INSULATION.
- NEW WORK**
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL NEW FIXTURES AS SHOWN IN PLUMBING FIXTURE SCHEDULE.
  - PLUMBING CONTRACTOR SHALL INSTALL NEW PIPING WITH CONNECTIONS TO MAIN PIPING FOR EACH NEW FIXTURE.
  - PLUMBING CONTRACTOR SHALL CONNECT NEW VENT PIPING TO EXISTING VENTS OR NEW VENTS.
  - SEE GENERAL NOTES AND PLUMBING SPECIFICATIONS SECTION 15A FOR MORE DETAIL.
  - DEMOLITION AND RECONSTRUCTION OF PLUMBING WALLS BY GENERAL CONTRACTOR. PLUMBING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR.
  - IN ALL INSTANCES WHERE NEW FIXTURES ARE PROPOSED THE PLUMBING CONTRACTOR SHALL PERFORM ALL DEMOLITION REQUIRED FOR REMOVAL OF EXISTING FIXTURE CARRIERS AND INSTALL NEW FIXTURE CARRIERS. GENERAL CONTRACTOR SHALL THEN BUILD OR PATCH WALLS AS REQUIRED, INCLUDING NEW TILE FINISHES. UPON COMPLETION OF MASONRY / TILE THE PLUMBING CONTRACTOR SHALL INSTALL NEW FIXTURES PER SPECIFICATIONS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL LOCATIONS OF NEW PLUMBING FIXTURES.

**LEAD-FREE FIXTURE COMPLIANCE NOTE**

- EPA 67.4 NOTE:**
- THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL NEW AND/OR REPLACEMENT PLUMBING FIXTURES. THE RESPECTIVE FIXTURES MUST ADHERE TO THE "LEAD-FREE" DIVISION 15A SPECIFICATIONS OUTLINING THE INSTALLATION MEANS AND METHODS AS WELL AS THE FIXTURE ITSELF BEING "LEAD-FREE." THE CONTRACTOR SHALL PROVIDE THE REQUIRED SUBMITTALS FOR ALL FIXTURES AND BUILDING MATERIALS PRIOR TO THE FIXTURE INSTALLATION, AND CONFIRM ON THE JOBSITE THAT THE FIXTURE ADHERES TO "LEAD-FREE" REGULATIONS.
    - FOLLOWING THE POTABLE FIXTURE INSTALLATION, THE P.C. SHALL REMOVE ALL FILTERS AND STRAINERS AND FLUSH THE FIXTURE OF DEBRIS FROM THE SYSTEM.
  - FOLLOWING THE COMPLETION OF THE P.C. WORK SCOPE, THE OWNER SHALL HAVE THE WATER CONDITIONS TESTED FOR LEAD CONTAMINANTS BY A THIRD-PARTY TESTING FIRM TO REGULATION 67.4 OF THE DEPARTMENT OF HEALTH REGULATIONS AS PART OF SECTION 1417 OF THE FEDERAL SAFE WATER ACT TO DETERMINE THEM AS "LEAD-FREE" COMPLIANT, AND NYSED GUIDELINES OF LESS THAN 15PPB.
  - IF A FIXTURE DOES NOT COMPLY WITH SUB-PART REGULATION 67.4 OF THE DOH SECTION 1417 OF THE FEDERAL SAFE WATER ACT, THE P.C. SHALL PROVIDE A REPLACEMENT FIXTURE AT NO ADDITIONAL COST, TO THEN REPEAT THE INSTALLATION AND TESTING REQUIREMENTS. THE P.C. SHALL ABSORB THE FEE FOR THE FIRST LEAD TESTING PROCEDURE AS WELL AS THE FOLLOWING CONFIRMATION PROCEDURES AT NO ADDITIONAL COST TO THE OWNER.

**LEGEND**

— — — —	CW - COLD WATER LINE
— · — · —	HW - HOT WATER LINE
— SW —	SW - SANITARY WASTE LINE
--- ST ---	ST - STORM DRAIN
— · — · —	HWR - HOT WATER RETURN
--- V ---	V - VENT LINE
— TW —	TW - TEMPERED WATER LINE
— G —	GAS LINE PIPING
X X X X X	DEMO PIPE
—    —	CLEAN OUT IN HUNG CEILING
DPCO	DECK PLATE CLEAN OUT
WPPO	WALL PLATE CLEAN OUT
●	BALL VALVE
⊕	POINT OF CONNECTION
○ UP	PIPE RUNNING UP
○ DN	PIPE RUNNING DOWN
⊕	NEW GAS COCK IN PIPING

**GENERAL NOTES**

- PLUMBING CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING HIS BID AND PERFORM ALL INVESTIGATION WORK BEFORE SUBMITTING A BID ON THE PLUMBING WORK.
- CONNECT ALL HOT WATER, COLD WATER, VENT, AND WASTE PIPING AS REQUIRED INCLUDING PIPING, VALVES, TAPS, ESCUTCHEONS, SLEEVES, ACCESS DOORS, CLEANOUTS, PIPE HANGERS, INSULATION, ETC.
- PROVIDE AND INSTALL PLUMBING FIXTURES INCLUDING ALL CUTTING AND PATCHING AS REQUIRED INCLUDING WASTE, VENT, AND WATER SUPPLY CONNECTIONS AND FITTINGS (ALL TRAPS TO HAVE CLEANOUTS).
- ALL WORK SHALL BE IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING RELATED FEES.
- PLUMBING CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO CONSTRUCTION.
- INTERIOR DOMESTIC WATER PIPING SHALL BE TYPE "1" COPPER. UNDERGROUND DOMESTIC WATER PIPING SHALL BE TYPE "K" COPPER FOR UP TO 2" AND DUCTILE IRON OVER 2". WASTE PIPING SHALL BE SERVICE WEIGHT CAST IRON SOIL PIPE, HUB AND SPOUT UNDERGROUND, AND NO HUB INSIDE BUILDING. STORM DRAIN PIPING SHALL BE NO HUB CAST IRON SOIL PIPE INSIDE BUILDING. VENT PIPING SHALL BE NO HUB CAST IRON.
- PIPE INSULATION SHALL BE AS FOLLOWS:
 

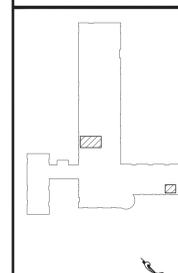
FLUID	MINIMUM PIPE INSULATION SCHEDULE	
	LESS THAN 1-1/2"	GREATER THAN 1-1/2"
TEMPERED WATER	1-1/2"	2"
COLD WATER	1-1/2"	1-1/2"
HOT WATER	1-1/2"	2"
- ALL WORK SHALL BE PROPERLY TESTED AND CLEANED. PROVIDE ONE YEAR WARRANTY FROM DATE OF ACCEPTED COMPLETION ON ALL PARTS AND LABOR.
- ALL EXPOSED METALWORK ON PLUMBING FIXTURES SHALL BE CHROME PLATED.
- PROVIDE SHUTOFF VALVE ON WATER SUPPLY BRANCH TO EACH INDIVIDUAL FIXTURE IN AN ACCESSIBLE LOCATION.
- ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- WHERE DISSIMILAR METALS ARE CONNECTED, PROVIDE AN APPROVED MAKE OF NON-GALVANIC ISOLATOR, DIELECTRIC UNION OR FLANGES.
- PROVIDE AND INSTALL BOLT CAPS ON ALL TOILETS.
- RUN LOCAL HORIZONTAL DRAINAGE PIPING AT A GRADE OF 1/4-INCH PER FOOT WHEREVER POSSIBLE, BUT NO LESS THAN 1/8-INCH PER FOOT. HOUSE DRAINS AT 1/8-INCH PER FOOT UNLESS OTHERWISE NOTED AND OUTSIDE UNDERGROUND DRAINAGE PIPING AS INDICATED OR REQUIRED BY CODE.
- RUN VENT PIPING WITH LONG TURN ELBOWS AT CHANGES IN DIRECTION, GRADE TO DRAIN OUT CONDENSATION, AND CONNECT AT BASE TO PREVENT HALF-PIPE OF RUST.
- PROVIDE CLEANOUTS (FULL SIZE UP TO 4-INCHES AND AT LEAST HALF-SIZE FOR LARGER PIPES WITH 4-INCH MINIMUM), WHERE INDICATED, APPROXIMATELY EVERY 50 FEET ON HORIZONTAL DRAINAGE PIPING, AT CHANGES IN DIRECTION, AT BASE OF LEADERS, SOIL, AND WASTE STACKS, AND AS REQUIRED BY CODE.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORE DRILLING THRU WALLS, FLOORS AND CUTTING & PATCHING AS REQUIRED TO FACILITATE INSTALLATION OF PIPES AND PLUMBING FIXTURES.
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL NEW VENTS FROM FIXTURES UP TO ROOF AS SHOWN.
- ALL FLOOR TRAPS SHALL BE INSTALLED WITH PRIMER TAPPING FOR WATER CONNECTION TO TRAP.
- P.C. SHALL PROVIDE AND INSTALL PIPE INSULATION ON ALL DOMESTIC COLD WATER SUPPLY, HOT WATER SUPPLY, HOT WATER SUPPLY (RECIRCULATION LINE) AND ROOF DRAIN PIPING THAT IS EXPOSED ABOVE CEILINGS OR IN CRAWL SPACE AND PIPE CHASES.

**FIRE STOP NOTES**

- ALL PIPING PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED BY PLUMBING CONTRACTOR.
- THE FIRE STOP MATERIALS SHALL BE HILTI TYPE FS-657 FIRE BLOCK, FS-ONE SEALANT, CP-672 JOINT SPRAY, CP-601S ELASTOMERIC SEALANT, GP-606 FLEXIBLE SEALANT, CP-643 OR CP-642 COLLAR, CP-618 PUTTY STICK OR FS-635 TROWEL APPLIED COMPOUND, AS SUITABLE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS TO BE USED.
- FIRESTOP MATERIALS OTHER THAN HILTI SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRE STOPS.

REV.	DATE	ITEM

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PROJECT: GREENBURGH CENTRAL SCHOOL DISTRICT  
PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS  
EARLY CHILDHOOD PROGRAM  
HARTSDALE, NEW YORK - WESTCHESTER COUNTY

DWG TITLE: PLUMBING GENERAL NOTES, SCHEDULE AND KEY PLAN

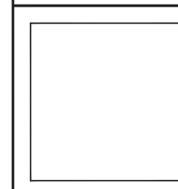
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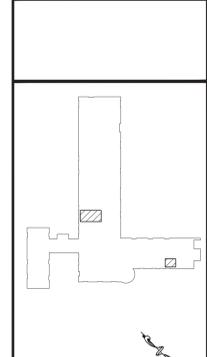


SED No: 66-04-07-06-0-11-008  
DISTRICT: GREENBURGH CSD  
PROJECT: PH. I - DW. CAP. IMPROVEMENTS EARLY CHILDHOOD PROGRAM  
DWG TITLE: PLUMBING GENERAL NOTES, SCHEDULE AND KEY PLAN  
SCALE: AS NOTED  
DATE: MAY 2022  
BID PICK-UP: MAY 27, 2022  
FILE No: 21-292

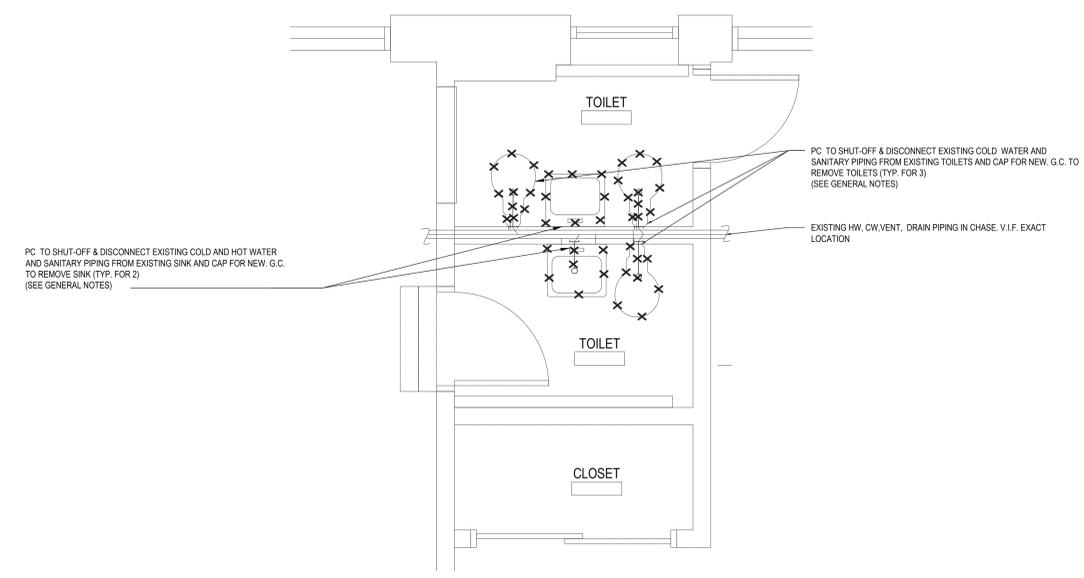
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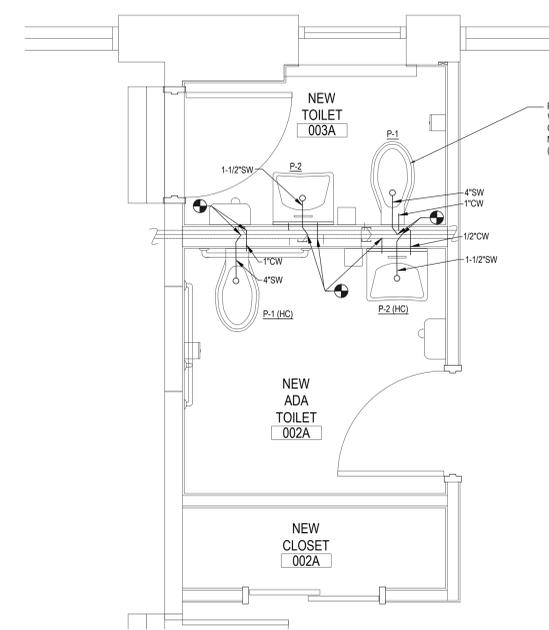
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KEY PLAN  
 NOT TO SCALE

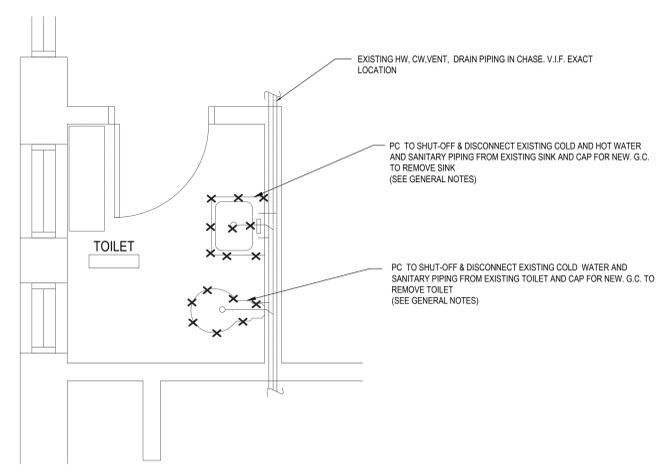


**DETAIL "A" - PLUMBING DEMOLITION 1ST FLOOR TOILETS PLAN**  
 SCALE: 1/2"=1'-0"

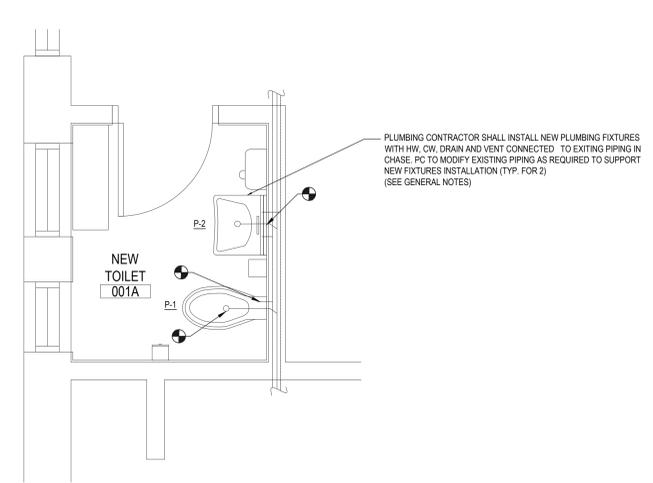


**DETAIL "B" - PLUMBING NEW 1ST FLOOR TOILETS PLAN**  
 SCALE: 1/2"=1'-0"

- PLUMBING CONTRACTOR NOTES:**
1. PC TO FIELD VERIFY EXACT LOCATION OF EXISTING MAIN SEWAGE/VENT AND HOT/COLD WATER PIPES IN CHASE.
  2. PLUMBING CONTRACTOR TO SHUT-OFF & DISCONNECT HOT & COLD WATER SUPPLIES, SANITARY WASTE LINES, VENT LINES.
  3. ALL EXISTING SANITARY, COLD AND HOT WATER PIPING NOT REUSED OR MODIFIED FOR REUSE ARE TO BE CAPPED AND SAFED OFF FLUSH WITH WALLS/FLOORS BY PC.
  4. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL LOCATIONS OF NEW PLUMBING FIXTURES.
  5. SEE PLUMBING FIXTURE SCHEDULE ON DWG. P.01 FOR MORE INFORMATION ABOUT PLUMBING FIXTURES.
- GENERAL CONTRACTOR NOTES:**
1. GENERAL CONTRACTOR TO REMOVE ALL PLUMBING FIXTURES.
  2. G.C. SHALL SAW CUT EXISTING FLOOR SLAB TO ACCOMMODATE NEW PLUMBING WORK. G.C. TO PATCH FLOOR, RETILE AND COORDINATE WITH P.C. PRIOR TO DEMOLITION.
  3. G.C. TO PATCH WALL AS REQUIRED AND RETILE.



**DETAIL "C" - PLUMBING DEMOLITION 1ST FLOOR TOILETS PLAN**  
 SCALE: 1/2"=1'-0"



**DETAIL "D" - PLUMBING NEW 1ST FLOOR TOILETS PLAN**  
 SCALE: 1/2"=1'-0"

**PROJECT**  
 GREENBURGH CENTRAL SCHOOL DISTRICT  
 PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS  
 EARLY CHILDHOOD PROGRAM  
 HARTSDALE, NEW YORK - WESTCHESTER COUNTY

**DWG TITLE**  
 PLUMBING DEMOLITION AND NEW PART PLANS  
 AND DETAILS

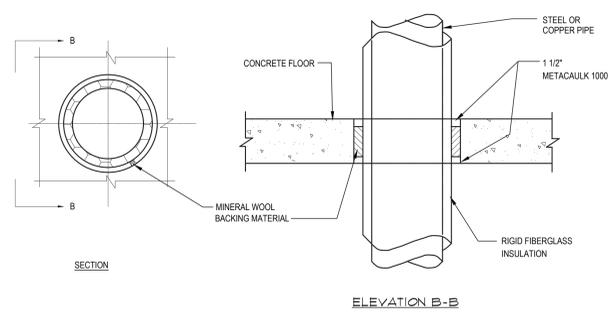
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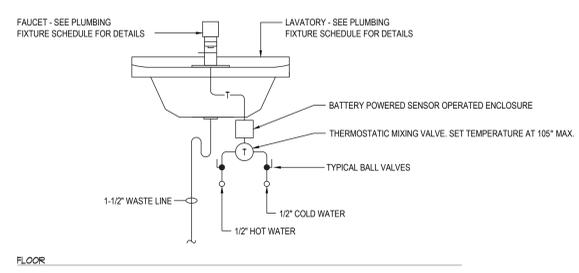
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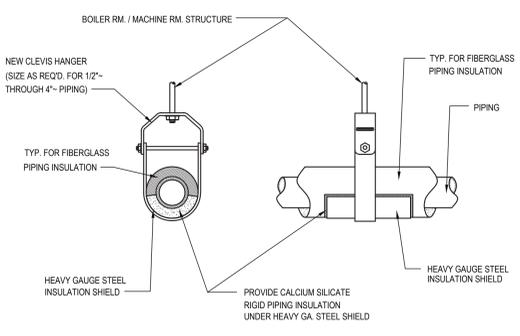
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**PIPING FLOOR PENETRATION DETAIL**  
 SCALE: NOT TO SCALE



**LAVATORY PIPING DETAIL**  
 SCALE: NOT TO SCALE



**CLAVIS HANGER PIPING SUPPORT DETAIL**  
 SCALE: NOT TO SCALE

SED No: 66-04-07-06-0-011-008  
 DISTRICT: GREENBURGH CSD  
 PROJECT: PH I - LOW CAP. IMPROVEMENTS  
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