LE	GEND
SYMBOL	DESCRIPTION
<u>.</u>	PIPING UP
C	PIPING DOWN
	PIPING RISE OR DROP
(1)	BRANCH-TOP CONNECTION
<u> </u>	BRANCH-BOTTOM CONNECTION
	REDUCER
	CLEANOUT
· · · · · · · · · · · · · · · · · · ·	FLOOR CLEANOUT
	CAPPED PIPE
<u> </u>	METER
	FLOOR DRAIN
$\Diamond$	AQUASTAT
Ť	
	PUMP
.1.	STRAINER
	UNION
<u> </u>	THERMOSTATIC MIXING VALVE
<u>Ö</u>	BALANCING VALVE (BLV)
	GLOBE VALVE (GLV)
N-	CHECK VALVE (CV)
<u> </u>	GAS COCK, GAS STOP
——151———	BALL VALVE (BV)
	BUTTERFLY VALVE (BFV)
\$5	SOLENOID VALVE
<u> </u>	PRESSURE-REDUCING VALVE (PRV)
$\longrightarrow$	GATE VALVE (GV)
<b>—</b> ▷;••	PRESSURE-RELIEF VALVE (RV)
-M-1-M-	BACKFLOW PREVENTER
*†	FROST FREE HOSE BIBB
†	HOSE BIBB
<del>***</del> *********************************	RECESSED-BOX HOSE BIBB OR WALL
,	HYDRANT  EXPANSION JOINT
	WATER HAMMER ARRESTER
HDO	VALVE IN RISER
CO T 3	WALL CLEANOUT (WCO)
<b>-</b>	PITCH DOWN OR UP IN DIRECTION
	OF ARROW  FLOW IN DIRECTION OF ARROW
	COLD WATER (CW)
	TEMPERED WATER (TW)
	HOT WATER (HW)
	TEMPERED WATER RETURN (TWR)
	HOT WATER RETURN (HWR)
	WASTE PIPING (W,S,OW)
	BELOW SLAB WASTE PIPING
	VENT PIPING (V)
	GAS PIPING (G)
·/////	PIPING / EQUIPMENT TO BE REMOVED
<b>←</b>	POINT OF CONNECTION
	POINT OF DISCONNECTION

#### **GENERAL PLUMBING NOTES**

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PLUMBING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.

**ABBREVIATIONS** 

ABOVE FINISHED FLOOR

CLEAN OUT DECK PLATE

CLEAN OUT WALL PLATE

DOUBLE CHECK VALVE DEVICE

BRITISH THERMAL UNIT

BTU PER HOUR

CEILING

CLEAN OUT

COLD WATER

° FAHRENHEIT

DIAMETER

DOWN

EXISTING

EACH

GAS

FRESH AIR INTAKE

**GALLONS PER MINUTE** 

GALLONS PER HOUR

**HVAC CONTRACTOR** 

HOT WATER RETURN

HORSEPOWER

HOT WATER

**INCHES** 

**KILOWATTS** 

POUNDS

METER

MAXIMUM

MINIMUM

NOT TO SCALE

PROPOSED

**OUTER DIAMETER** 

PRESSURE DROP

**ROOF DRAIN** 

STORM DRAIN

**TEMPERATURE** 

TYPICAL

VENT

WASTE

PLUMBING CONTRACTOR

REVOLUTIONS PER MINUTE

REDUCED PRESSURE ZONE

TEMPERED WATER (110°F)

TEMPERED WATER RETURN

VENT THROUGH ROOF

GENERAL CONSTRUCTION CONTRACTOR

INCHES WATER COLUMN (WATER GAUGE)

FLOOR DRAIN

DEMOLISH

BTU

BTUH

CLG

CO

CODP

COWP

CW

(D)

DCV

DEG.

DIA

DN

(E)

EA

FAI

FD

'GC'

GPM

GPH

HP

HW

HWR

IN.

(W.G.)

KW

LBS

MAX

MIN

NTS

OD

(P)

RD

RPM

ST

TEMP

TYP

TW

VTR

W

SAN / S SANITARY

- 2. THE CONTRACTOR, BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE SUBMISSION OF BIDS.
- 3. PERFORM ALL WORK IN ACCORDANCE WITH THE 2020 NEW YORK STATE PLUMBING (NYSPC), FIRE (NYSFC), MECHANICAL (NYSMC), ENERGY CONSERVATION CONSTRUCTION (NYSECC), AND FUEL GAS (NYSFGC) CODE AND THE REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
- COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE REQUIREMENTS OF DIVISION 26 FOR ALL ELECTRICAL INSTALLATIONS.
- 5. APPLY FOR AND SECURE ALL REQUIRED PERMITS AND INSPECTIONS AND PAY ALL COSTS FOR THE SAME.
- 6. FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, CONDUIT, ETC.

OBTAIN THE APPROVAL OF THE ARCHITECT/ENGINEER FOR MODIFICATIONS.

AND EQUIPMENT INSTALLATION REQUIREMENTS.

CERTIFIED ACCURACY.

- OO NOT SCALE DRAWINGS. DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE.
- 8. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURERS REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE, CONTRACTORS INTENDED MEANS AND METHODS OF INSTALLATION AND CONTRACTORS FABRICATED ITEMS TO ENSURE A PROPER "FIT" AND INSTALLATION. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE SUBMITTAL PHASE FOR RESOLUTION PRIOR TO PURCHASING ANY EQUIPMENT.
- 9. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE FROM FINISHED FLOOR TO UNDERSIDE OF PIPES, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.
- 10. FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
- 11. PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
- 12. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. REFER TO DETAILS FOR ADDITIONAL PIPING
- 13. LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE UP- AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER TO ENSURE MANUFACTURER
- 14. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
- 15. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES.
- COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.
- 17. MAKE ALL ATTACHMENTS TO JOISTS, TRUSSES, OR JOIST GIRDERS AT PANEL POINTS. PROVIDE BEAM CLAMPS

COMPLETE ALL PRESSURE TESTS BEFORE ANY PLUMBING EQUIPMENT, OR PIPING INSULATION IS APPLIED.

- MEETING MSS STANDARDS. THE USE OF C-CLAMPS IS NOT PERMITTED.
- 18. PROVIDE CONCRETE PADS A MINIMUM OF 4 INCHES HIGH FOR ALL FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4 INCHES BEYOND THE EQUIPMENT ON ALL SIDES.
- 19. INSTALL PIPING, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- 20. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL ACCESSIBLE FIXTURES. MOUNT ALL SUCH FIXTURES IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- 21. PROVIDE ACCESS DOORS IN WALLS, PARTITIONS, AND CEILINGS AS REQUIRED TO MAKE VALVES, WATER HAMMER ARRESTERS, ETC. READILY ACCESSIBLE.
- 22. ARRANGE FOR, COORDINATE, AND MAKE CONNECTION TO ALL SERVICES PROVIDED BY OTHERS. CONFORM TO ALL REQUIREMENTS APPLICABLE TO CONNECTIONS IMPOSED BY UTILITY COMPANIES AND AUTHORITIES HAVING JURISDICTION.
- 23. INSTALL FIXTURES AND EQUIPMENT WITH VALVES, UNIONS, ETC. TO ALLOW FOR EASE OF SERVICE AND/OR REMOVAL
- 24. CORE DRILL ALL PENETRATIONS THROUGH CONCRETE FLOORS, WALLS, AND FOOTINGS.
- 25. INSTALL LINK SEAL TYPE PROTECTION FOR WATER RESISTANT SEALS AT ALL SLAB AND BELOW GROUND WALL FOOTING PENETRATIONS.
- 26. PROVIDE A CLEANOUT AT THE BASE OF WASTE AND VENT STACKS WITH FINISHED WALL PLATE IN FINISHED WALLS.
- 27. FURNISH AND INSTALL WATER PRESSURE REDUCING VALVE AND PRESSURE RELIEF VALVE IN ACCORDANCE WITH THE NEW YORK STATE PLUMBING CODE ON ALL INCOMING DOMESTIC WATER SYSTEMS IN EXCESS OF 80 P.S.I.G.
- 28. COVER ALL COPPER PIPING BELOW SLAB WITH "ARMAFLEX" TYPE INSULATION.
- 29. SLOPE ALL VENT PIPING TO DRAIN BACK TO THE DRAINAGE SYSTEM.
- 30. FLUSH AND DISINFECT ALL DOMESTIC POTABLE WATER PIPING AND TEST THE WATER IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE. PROVIDE CERTIFICATE OF PERFORMANCE AND LABORATORY TEST REPORT TO LOCAL AUTHORITIES HAVING JURISDICTION AND OBTAIN THEIR APPROVAL.
- 31. PROVIDE WATER HAMMER ARRESTORS AT ALL QUICK CLOSING FIXTURE VALVE LOCATIONS.
- 32. ALL PIPING, VALVES AND FITTINGS USED FOR POTABLE WATER SHALL BE NSF 61/372 COMPLIANT AND BE TESTED FOR LOW LEAD.
- 33. ANY PENETRATIONS THROUGH AIR BARRIER SHALL BE SEALED AS PER 2020 NYSECC RESIDENTIAL AND COMMERCIAL PROVISIONS.
- 34. ALL PIPING IN PLENUM SPACES SHALL BE CAST IRON FOR SANITARY, STORM, VENT SYSTEMS, AND COPPER PIPING FOR DOMESTIC SYSTEMS, AND STEEL PIPING FOR GAS SYSTEMS. NO PLASTIC PIPING ALLOWED.

### PLUMBING NOTES

- 1. ALL FAUCETS, FITTINGS, AND VALVES MUST COMPLY WITH NSF 61 AND ANSI / NSF 372 FOR LOW LEAD PERCENTAGE
- 2. CONTRACTOR SHALL BE RESPONSIBLE TO DEMONSTRATE COMPLIANCE WITH THE NYS DEPARTMENT OF HEALTH LEAD IN WATER REGULATION (10 NYCRR 67-4).
- 3. AT THE CONCLUSION OF NEW PLUMBING WORK, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE SERVICES OF A THIRD PARTY NYS LICENSED ENVIRONMENTAL TESTING LABORATORY TO PROVIDE LEAD TESTING AT ALL NEW LAVATORIES, SINKS, DRINKING FOUNTAINS AND ALL OTHER FIXTURES WHERE WATER MAY BE CONSUMED FOR DRINKING. TWO COPIES OF THE REPORT MUST BE SUBMITTED, ONE COPY TO THE ENGINEER AND THE OTHER ONE TO THE OWNER.

#### **DEMOLITION NOTES**

#### GENERA

- PRIOR TO PROPOSAL SUBMISSION, THIS CONTRACTOR SHALL VISIT THE SITE TO REVIEW THE EXISTING CONDITIONS
  ASSOCIATED WITH THE SCOPE OF WORK AND ADJACENT AREAS TO ASCERTAIN THE DIFFICULTIES WHICH WILL AFFECT
  THE EXECUTION OF THE WORK OF THIS CONTRACT.
- SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE ABOVE SITE EXAMINATION HAS BEEN MADE
  AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF
  DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
- 3. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.

#### SCOPE OF WORK

- 1. DEMOLITION WORK SHALL INCLUDE ALL MATERIALS, LABOR, EXTENSIONS, CONNECTIONS, CUTTING, REPAIRING, ADAPTING AND OTHER PLUMBING WORK REQUIRED TO MAINTAIN SERVICE PENDING THE COMPLETION OF THE PERMANENT WORK. COORDINATE THE EXTENT OF DEMOLITION WORK WITH THE ARCHITECT AND BUILDING
- 2. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
- 3. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE TO EXISTING CONDITIONS SURFACE DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT.
- 4. ALL EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH PROPOSED NEW PLUMBING (AS WELL AS ELECTRICAL, MECHANICAL AND GENERAL CONSTRUCTION WORK) SHALL BE RELOCATED AND RECONNECTED USING MATERIALS CONFORMING TO STANDARDS OF THIS CONTRACT.
- REMOVE ALL FIXTURES AS NOTED ON THE ARCHITECTURAL PLANS. PROVIDE TEMPORARY CAPS FOR HOT, COLD AND SANITARY CONNECTIONS DURING NEW CONSTRUCTION.
- 6. REMOVE BASE BUILDING PIPING AS INDICATED BELOW:
  6.1. REMOVE ALL ABANDONED BASE BUILDING PIPING BACK TO THE EXISTING WET COLUMNS OR SHAFTS, OR AS
- NOTED ON DRAWINGS.

  6.2. CONTRACTOR TO CONTACT BUILDING MANAGEMENT AND TENANT REGARDING REMOVAL SCOPE OF WORK TO MAINTAIN CONTINUITY OF ALL SERVICES TO ALL TENANTS WHO ARE TO REMAIN OPERATIONAL AND NOT BE AFFECTED BY DEMOLITION WORK.
- 6.3. ALL EXISTING BUILDING VALVES FOR DOMESTIC WATER MAINS AT SHAFTS ARE TO REMAIN.
  7. PROVIDE ADDITIONAL SUPPORT FOR ALL EXISTING PIPING TO REMAIN WHICH ARE AFFECTED BY DEMOLITION OF
- EXISTING CEILING AND PARTITIONS.

  8. COORDINATE WITH OWNER TO DETERMINE WHETHER REMOVED EQUIPMENT IS TO BE TURNED OVER TO THE OWNER.

PLUMBING FIXTURES								
				MINIMUM C	CONNECTIO	N SIZES (IN)		
FIXTURE NO.	DESCRIPTION	COLD V	VATER	HOT W	ATER	DRA	AIN	W
		SIZE	FU	SIZE	FU	SIZE	DFU	V
SK-1	SINK - LAY IN - ELKAY MODEL LRADQ172060 - ADA COMPLIANT - 6" DEEP BOWL, STAINLESS STEEL, 20"X17" - FAUCET - ELKAY MODEL LK406GN05L2 - ADA COMPLIANT	1/2	1	1/2	1	1-1/2	2	1-1/2

#### NOTES:

1. CHROME PLATE ALL DRAIN PIPE, FITTINGS, P-TRAPS AND SUPPLY LINES THAT ARE EXPOSED, LOCATED WITHIN VANITIES OR ACCESSIBLE CABINETS OR BEHIND WATER CLOSETS

GOOSENECK, CHROME, 4" CENTER SET, 2" LEVER HANDLES

2. MINIMUM CONNECTION SIZES INDICATED ARE EQUIPMENT CONNECTION SIZES OR CODE MINIMUM SIZES, SEE PLANS AND DIAGRAMS FOR ACTUAL SIZES REQUIRED

3. ALL FLOOR DRAINS SHALL HAVE TRAP PRIMER CONNECTION AND BE CONNECTED TO NEAREST PLUMBING FIXTURE.

4. INSULATE EXPOSED DRAIN AND SUPPLY PIPING FOR HANDICAPPED FIXTURES WITH TRUEBRO LAV GUARD.

HANGER SPACING		
PIPING MATERIAL	MAX. HORIZONTAL (FT)	MAX. VERTICAL (FT)
ABS PIPE	4	10
ALUMINUM TUBING	10	15
BRASS PIPE	10	10
CAST-IRON PIPE	5	15
COPPER OR COPPER ALLOY PIPE	12	10
COPPER OR COPPER ALLOY PIPE 1½"Ø OR SMALLER	6	10
COPPER OR COPPER ALLOY PIPE 1½"Ø OR ARGER	10	10
PEX	2.67	10
CPVC 1" OR SMALLER	3	10
CPVC 1-1/4" OR LARGER	4	10
STEEL PIPE	12	15
POLYETHYLENE ALUMINUM/ POLYETHYLENE	2.67	4
PVC PIPE	4	10
STAINLESS STEEL DRAINAGE	10	10

	UP TO 2"	3/8" DIA.	4" THRU 5"	5/8" DIA.	
	2 1/2" THRU 3"	1/2" DIA			
HEAVY DUTY CLEVIS HANGE	R	<ul><li>— HANGER ROD</li><li>— LOCKING NUT</li><li>— SUPPORT NUT</li></ul>	HEAVY DUTY CLEVIS HANGER		HANGER ROD LOCKING NUT SUPPORT NUT
PIPE —			PIPE —		VAPOR BARRIER INSULATION
	INSULATION WHEF SPECIFIED SHALL AGAINST PIPE HAI	BUT UP		16 GAUGE ZIN SHEET STEEL AT LEAST 12"	SADDLE

PIPE SIZE

**ROD SIZE** 

E/0" DIA

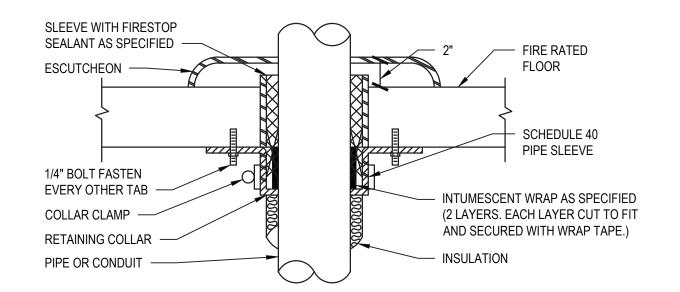
HANGER ROD SCHEDULE

3/0" DIV

PIPE SIZE

LID TO 3"

### Pipe Hanger Detail SCALE: NTS



Pipe Penetation Through Floors Detail

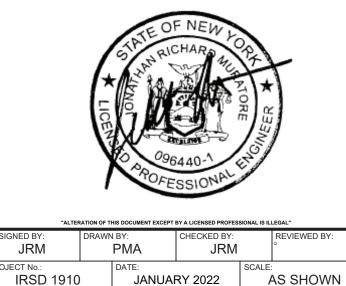




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CONSULTANTS:

MARK DATE DESCRIPTION			
	MARK	DATE	DESCRIPTION
01-20-2022 FINAL REBID DOCUMENT		01-20-2022	FINAL REBID DOCUMENT
11-18-2021 FINAL BID DOCUMENT		11-18-2021	FINAL BID DOCUMENT



# Irvington Union Free School District

Main Street School Renovations



101 Main Street Irvington, NY 10533

SED Number:66-04-02-02-0-001-016

CONTRACT P
PLUMBING CONTRACT

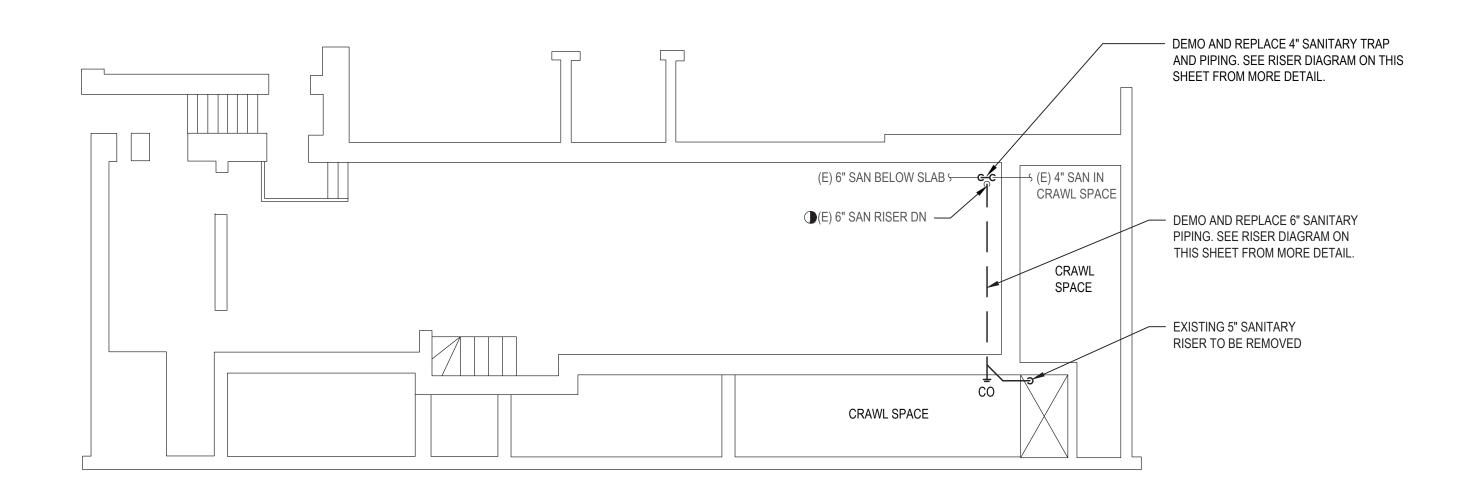
FINAL REBID DOCUMENT

SHEET TIT

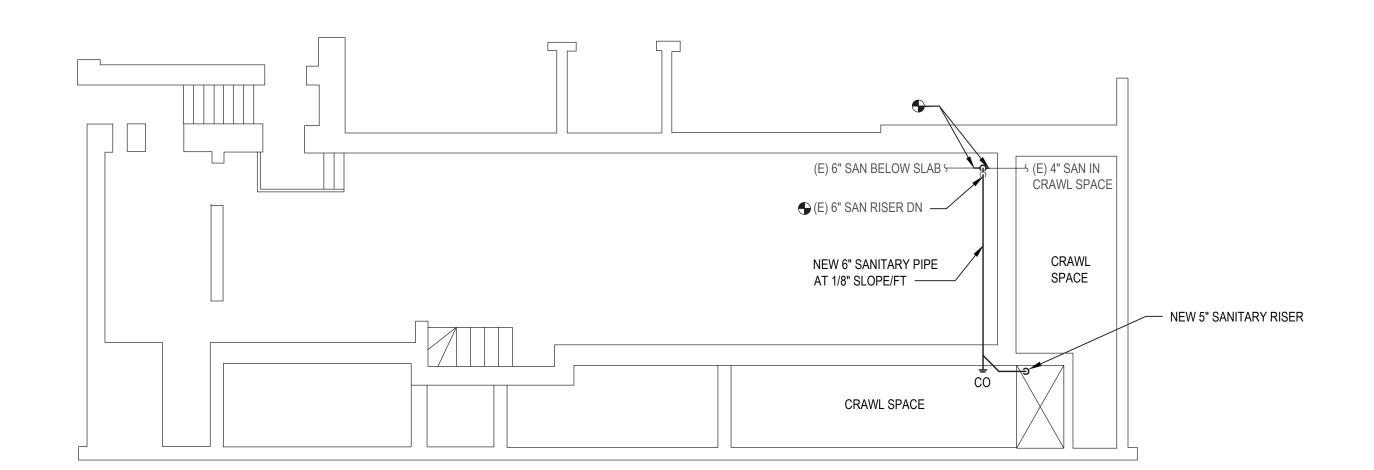
GENERAL NOTES, LEGENDS AND ABBREVIATIONS

DO

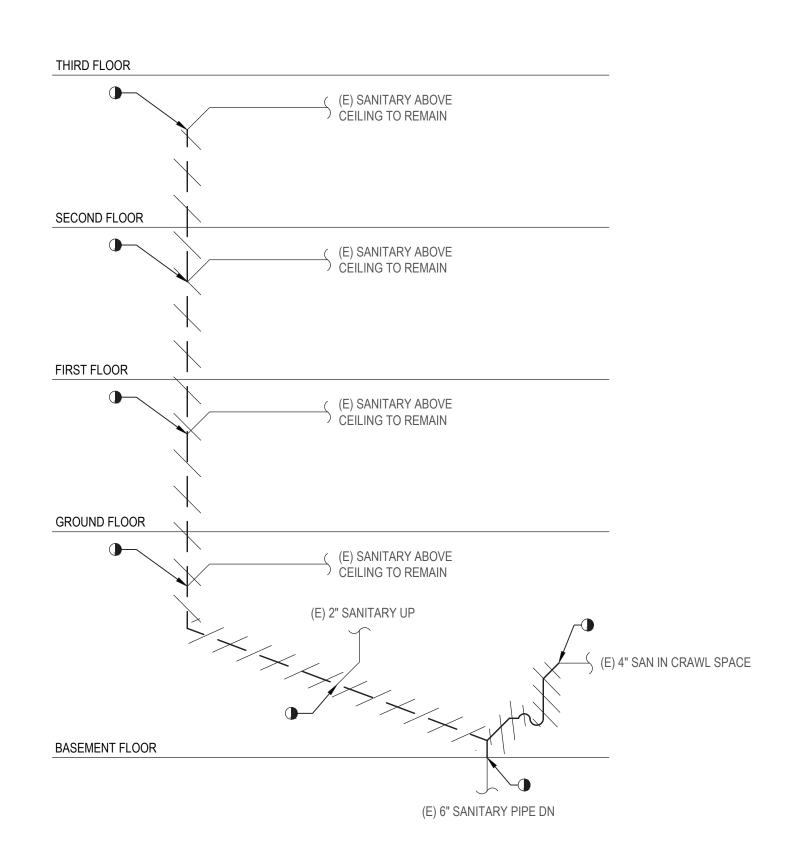
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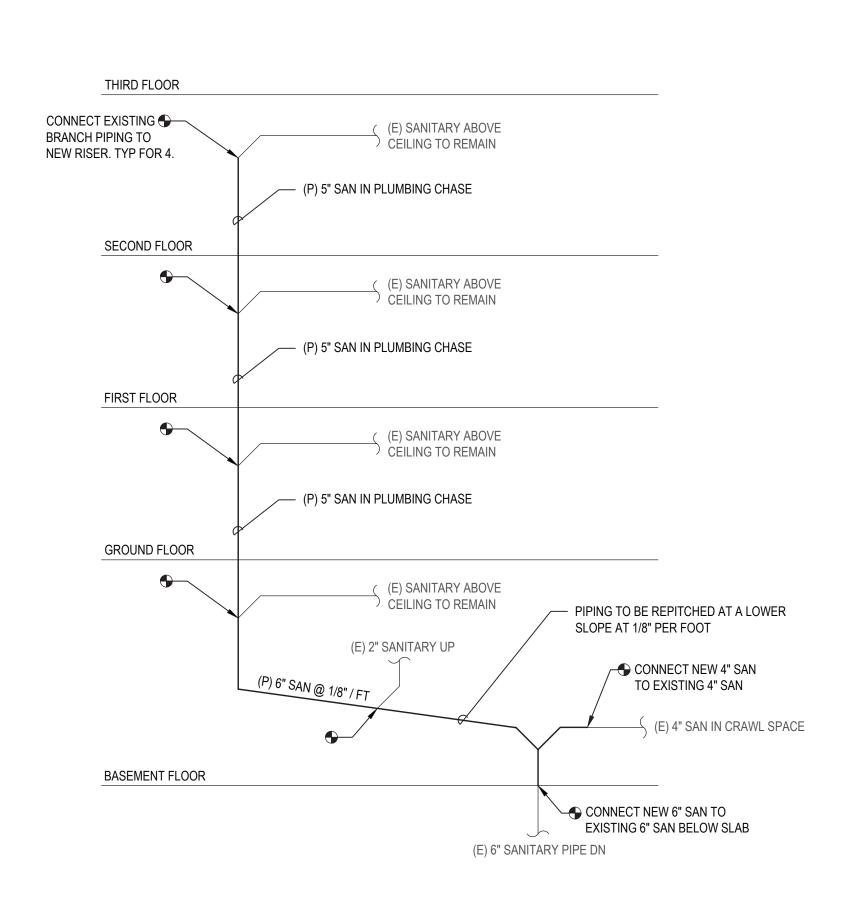






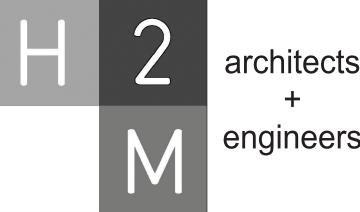


## 3 Sanitary Waste Demolition Riser Diagram SCALE: N.T.S.



Sanitary Waste Proposed Riser Diagram

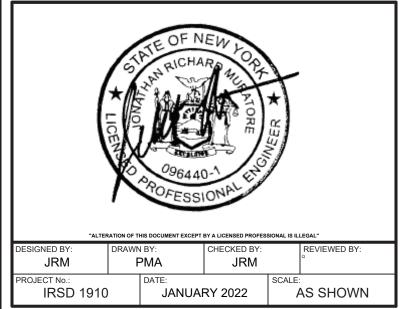
SCALE: N.T.S.



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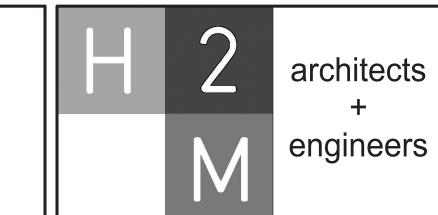
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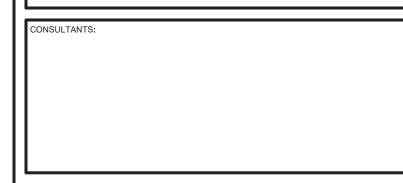
SHEET TITLE

SANITARY WASTE BASEMENT PLAN

DISCONNECT AND REMOVE 5" SANITARY RISER IN CHASE WALL. RECONNECT NEW 5" SANITARY RISER TO EXISTING BRANCH PIPING. CONTRACTORS SHALL OPEN UP EXISTING CHASE WALL TO ACCESS RISER PIPING AND TO PATCH AND REPAIR TO MATCH EXISTING FINISHES.



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	11-18-2021	FINAL BID DOCUMENT



DESIGNED BY:  JRM	DRAWN F	IBY: PMA	CHECKED BY: JRM		REVIEWED BY:
PROJECT No.: IRSD 1910		DATE: JANUAI	RY 2022	SCALE:	AS SHOW

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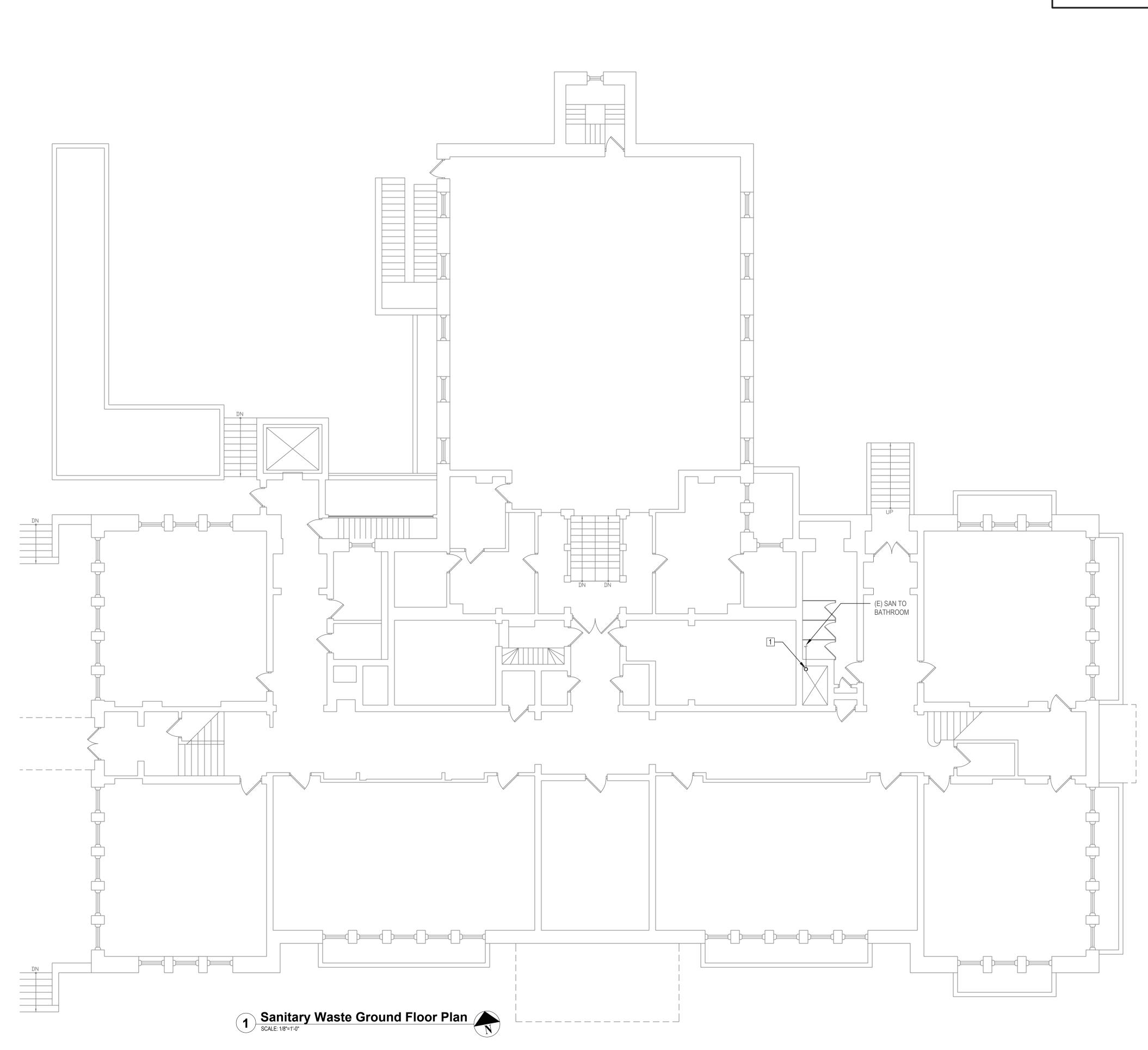
CONTRACT P
PLUMBING CONTRACT

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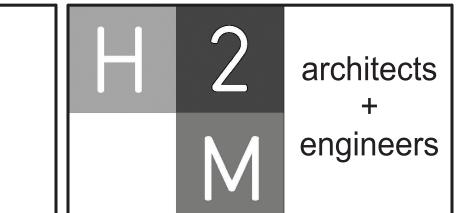
SHI

SANITARY WASTE GROUND FLOOR PLAN

NG No.



DISCONNECT AND REMOVE 5" SANITARY RISER IN CHASE WALL. RECONNECT NEW 5" SANITARY RISER TO EXISTING BRANCH PIPING. CONTRACTORS SHALL OPEN UP EXISTING CHASE WALL TO ACCESS RISER PIPING AND TO PATCH AND REPAIR TO MATCH EXISTING FINISHES.



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PROJECT No.: IRSD 1910		DATE: JANUAI	RY 2022	SCALE /	AS SHOWN

### **Irvington Union Free School District**

Main Street School Renovations



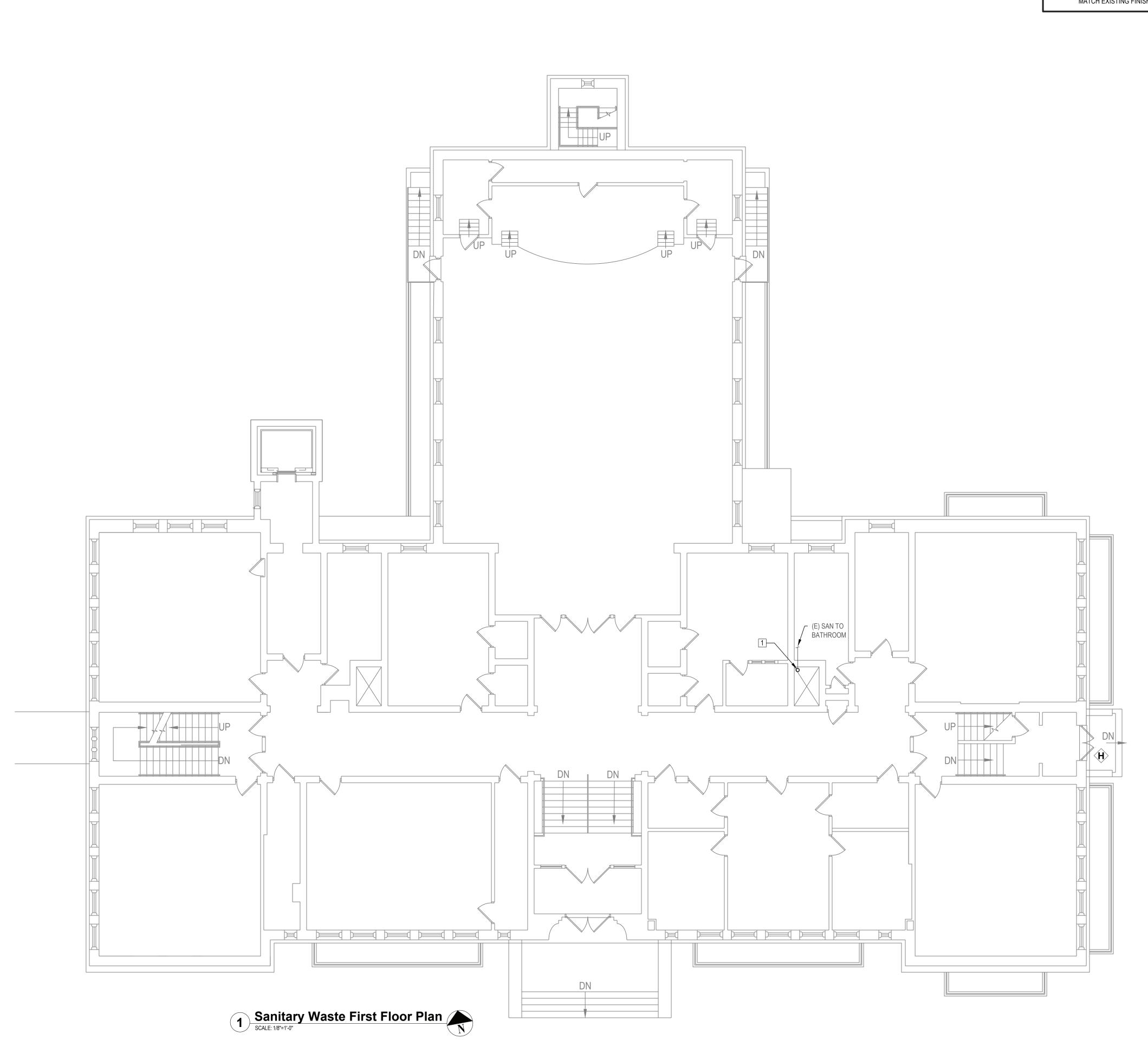
101 Main Street Irvington, NY 10533

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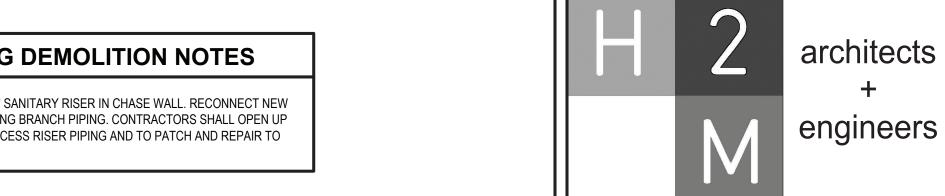
CONTRACT P PLUMBING CONTRACT

FINAL REBID DOCUMENT

SANITARY WASTE FIRST FLOOR PLAN

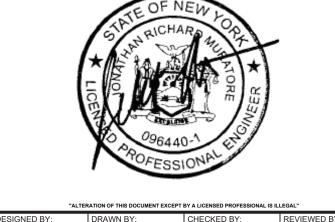


1. DISCONNECT AND REMOVE 5" SANITARY RISER IN CHASE WALL. RECONNECT NEW 5" SANITARY RISER TO EXISTING BRANCH PIPING. CONTRACTORS SHALL OPEN UP EXISTING CHASE WALL TO ACCESS RISER PIPING AND TO PATCH AND REPAIR TO MATCH EXISTING FINISHES.



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PROJECT No.: IRSD 1910			RY 2022	SCALE /	AS SHOWN

**School District** 

**Irvington Union Free** 

Main Street School Renovations



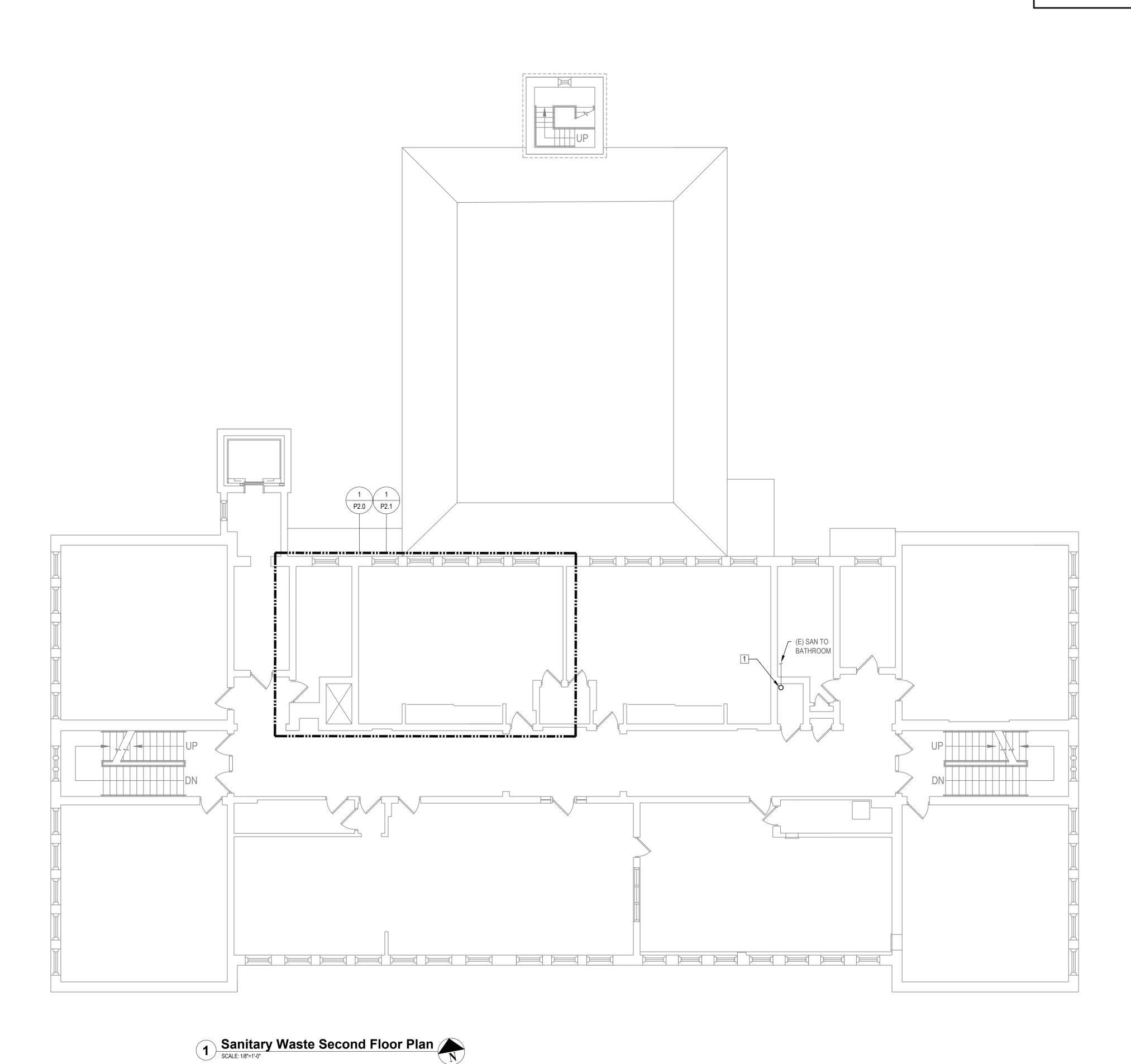
101 Main Street Irvington, NY 10533

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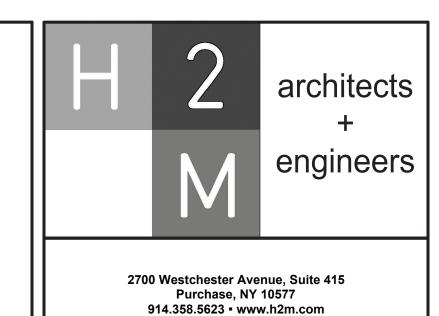
CONTRACT P PLUMBING CONTRACT

FINAL REBID DOCUMENT

SANITARY WASTE SECOND FLOOR PLAN



DISCONNECT AND REMOVE 5" SANITARY RISER IN CHASE WALL. RECONNECT NEW 5" SANITARY RISER TO EXISTING BRANCH PIPING. CONTRACTORS SHALL OPEN UP EXISTING CHASE WALL TO ACCESS RISER PIPING AND TO PATCH AND REPAIR TO MATCH EXISTING FINISHES.



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101 Main Street Irvington, NY 10533

SED Number:66-04-02-02-0-001-016

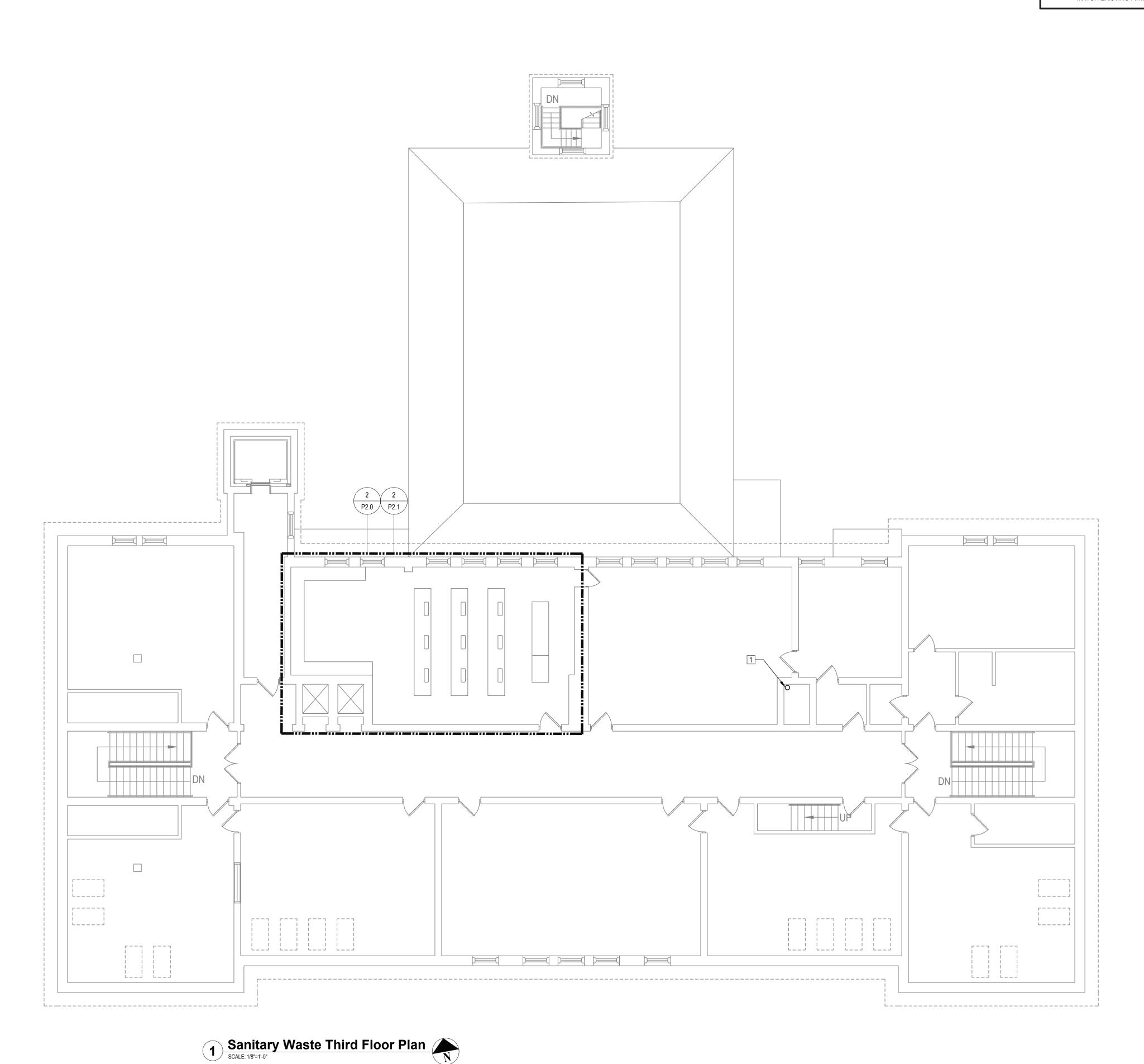
CONTRACT P
PLUMBING CONTRACT

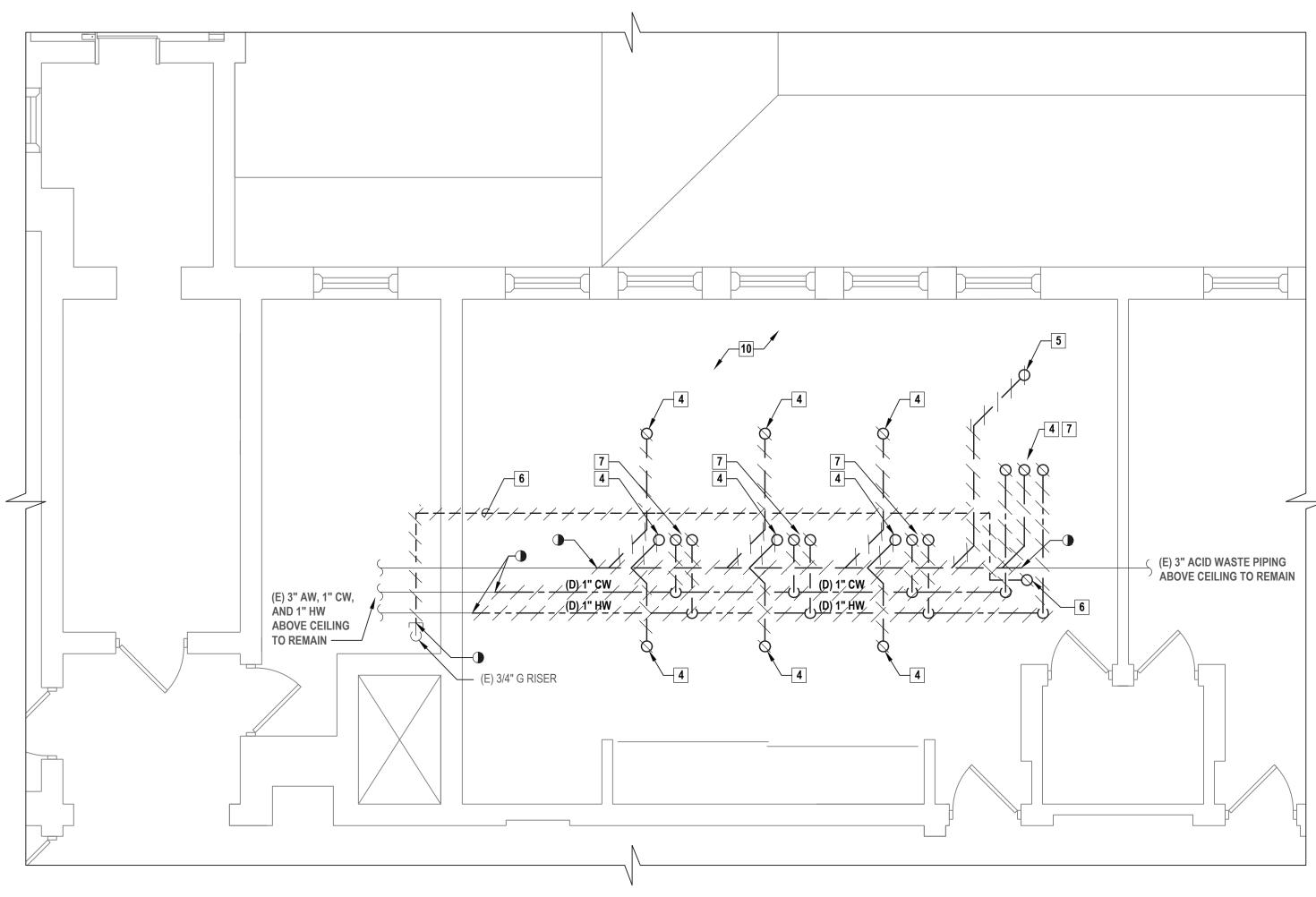
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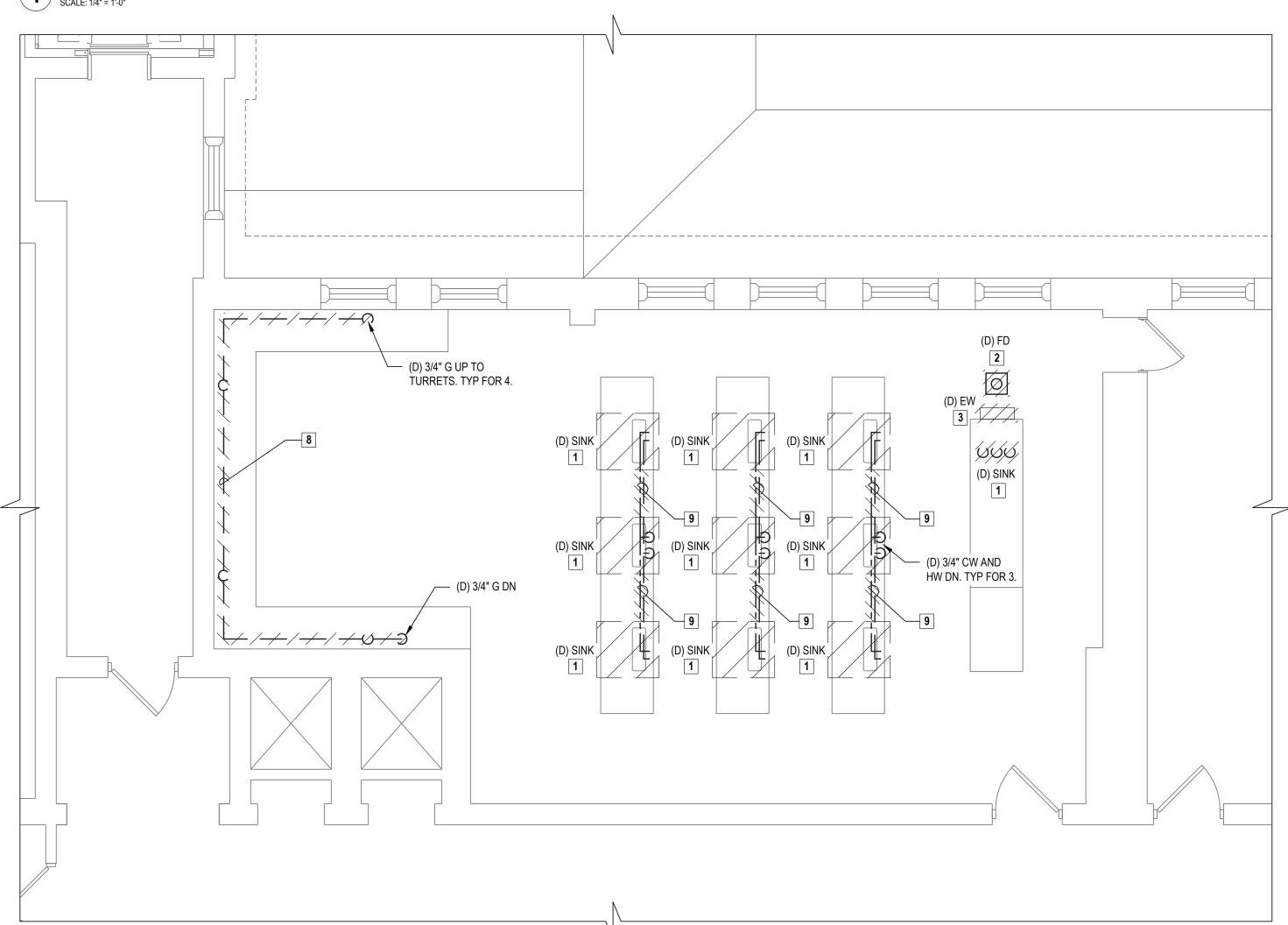
SANITARY WASTE THIRD FLOOR PLAN

S No.





**Second Floor Demolition Enlargement Plan - Room No. 306**SCALE: 1/4" = 1'-0"



## Third Floor Demolition Enlargement Plan - Room No. 406 SCALE: 1/4" = 1'-0"

#### **GENERAL PLUMBING DEMOLITION NOTES:**

- ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
- 2. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
- 3. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE TO EXISTING CONDITIONS SURFACE DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT.
  - THE CONTRACTOR SHALL ADEQUATELY PROTECT THE WALLS, FLOOR, AND FINISHES WITHIN STAIRWELLS AND SERVICE ELEVATOR FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND RESTORE ALL SURFACES THAT ARE DAMAGED TO THE SATISFACTION OF THE ARCHITECT.
- ALL EQUIPMENT SHALL BE EXISTING TO REMAIN UNLESS OTHER WISE NOTED AND THUS BE PROTECTED THROUGH THE PROJECT DURATION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE OR NON-WORKING EQUIPMENT PRIOR TO WORK STARTING AND FOLLOWING INSTALLATION OF NEW FINISHES.

#### **KEYED PLUMBING DEMOLITION NOTES**

- 1. EXISTING SINK TO BE REMOVED IN ITS ENTIRETY. REMOVE ALL COLD WATER, HOT WATER AND ACID WASTE PIPING.
- 2. EXISTING FLOOR DRAIN TO BE REMOVED IN ITS ENTIRETY.
- 3. EXISTING EYE WASH TO BE REMOVED IN ITS ENTIRETY. EXISTING COLD WATER FEED FROM ADJACENT SINK TO BE REMOVED.
- 4. EXISTING 2" ACID WASTE PIPING UP TO LAB SINK TO BE REMOVED.
- 5. EXISTING 3" ACID WASTE UP TO FLOOR DRAIN TO BE REMOVED.
- 6. DEMOLISH 3/4" GAS PIPE BACK TO RISER IN SECOND FLOOR CEILING AND CAP.
- 7. EXISTING 3/4" COLD AND HOT WATER PIPING FROM LAB SINKS TO BE REMOVED IN SECOND FLOOR CEILING.
- 8. EXISTING GAS PIPING IN CASEWORK AND GAS TURRET TO BE REMOVED IN ITS ENTIRETY.
- 9. EXISTING COLD AND HOT WATER PIPING IN CASEWORK TO LAB SINKS TO BE REMOVED IN ITS ENTIRETY.
- 10. EXISTING LAY IN CEILING TO BE TEMPORARILY REMOVED AND REINSTALLED. CONTRACTOR SHALL PROTECT EXISTING TILES AND REPLACE ANY DAMAGED TILES CAUSED BY REMOVAL OR DURING CONSTRUCTION.



+ engineers

2700 Westchester Avenue, Suite 415 Purchase, NY 10577 914.358.5623 • www.h2m.com

ONSULTANTS:

MARK	DATE	DESCRIPTION
	01-20-2022	FINAL REBID DOCUMENT
	11-18-2021	FINAL BID DOCUMENT



"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGA							
	DESIGNED BY:	DRAWN	IBY:	CHECKED BY:		REVIEWED BY:	
	JRM F		PMA	JRM		Q	
	PROJECT No.: IRSD 1910		DATE: JANUAF	RY 2022	SCALE /	SHOWN	
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# Irvington Union Free School District

Main Street School Renovations



101 Main Street Irvington, NY 10533

SED Number:66-04-02-02-0-001-016

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PLUMBING CONTRACT

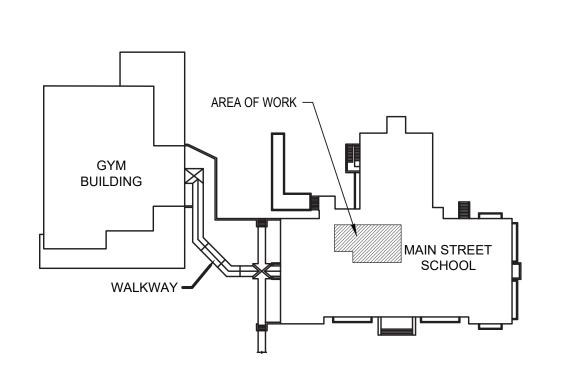
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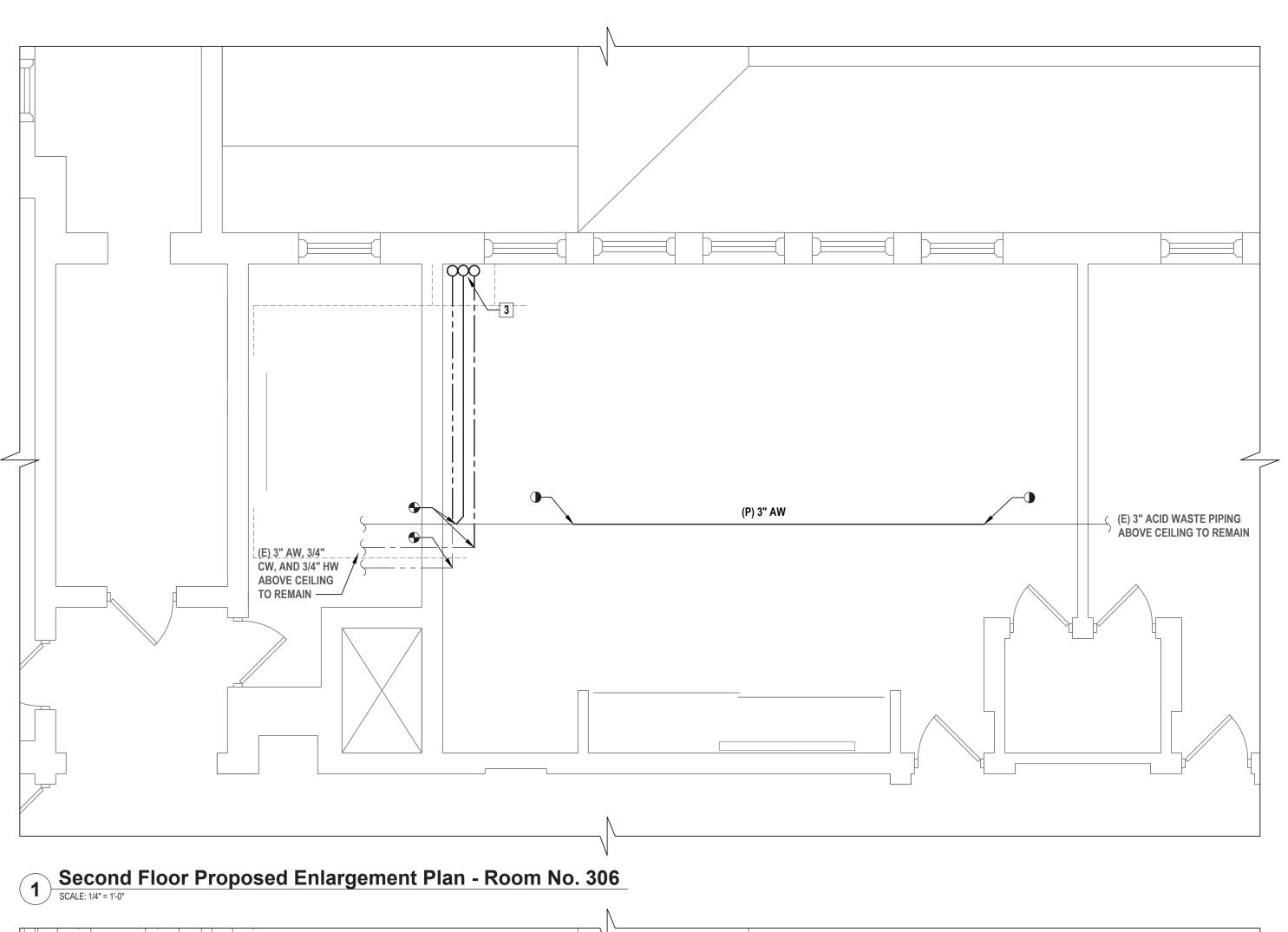
PLUMBING
DEMOLITION SECOND AND THIRD
FLOOR ENLARGEMENT PLAN

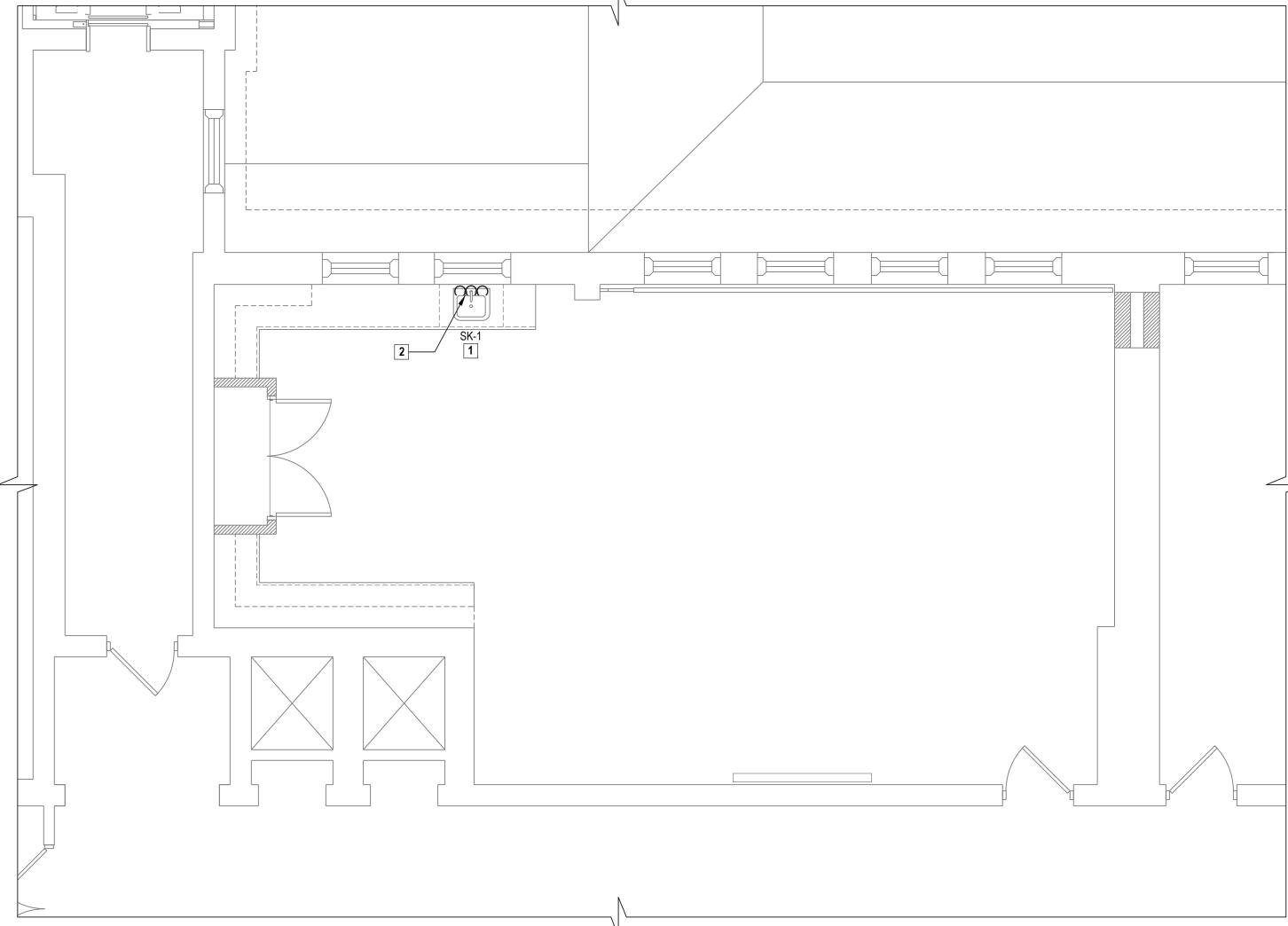
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**P2.0** 



Key Plan
SCALE: 1/64"=1'-0"





Third Floor Proposed Enlargement Plan - Room No. 406

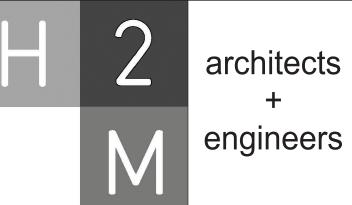
SCALE: 1/4" = 1'-0"

#### **GENERAL PLUMBING DEMOLITION NOTES:**

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#### **KEYED PLUMBING NOTES**

- 1. INSTALL NEW SINK IN CASEWORK. PROVIDE NEW 1/2" COLD AND HOT WATER UP TO NEW STOP VALVES. PROVIDE NEW 1-1/2" ACID WASTE AND 1-1/2" VENT, PROVIDE NEW 1-1/2" AIR ADMITTANCE VALVE SUITABLE FOR ACID WASTE. AIR ADMITTANCE VALVE TO BE INSTALLED IN CASEWORK.
- 2. 2" ACID WASTE AND 1/2" COLD AND HOT WATER DOWN TO SECOND FLOOR CEILING FROM NEW SINK.
- 3. 2" ACID WASTE AND 1/2" COLD AND HOT WATER ABOVE CEILING UP TO NEW SINK ON THIRD FLOOR



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				RY 2022						

**Irvington Union Free** 

**School District** 

Main Street School Renovations



101 Main Street Irvington, NY 10533

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CONTRACT P
PLUMBING CONTRACT

FINAL REBID DOCUMENT

SHEET TITLE

PLUMBING
PROPOSED SECOND AND THIRD
FLOOR ENLARGEMENT PLAN

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