

CPL | Architecture Engineering Planning
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NEWBURGH, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
13940.20
Client Name
**NEWBURGH ENLARGED CITY
SCHOOL DISTRICT**
Project Name
**PHASE 5: 2019 CAPITAL
IMPROVEMENTS PROJECT**
SED # 44-16-00-01-0-018-009
Project Address
400 Old Forge Hill Rd, New Windsor, NY
12553

REVISION SCHEDULE

#	Date	Description
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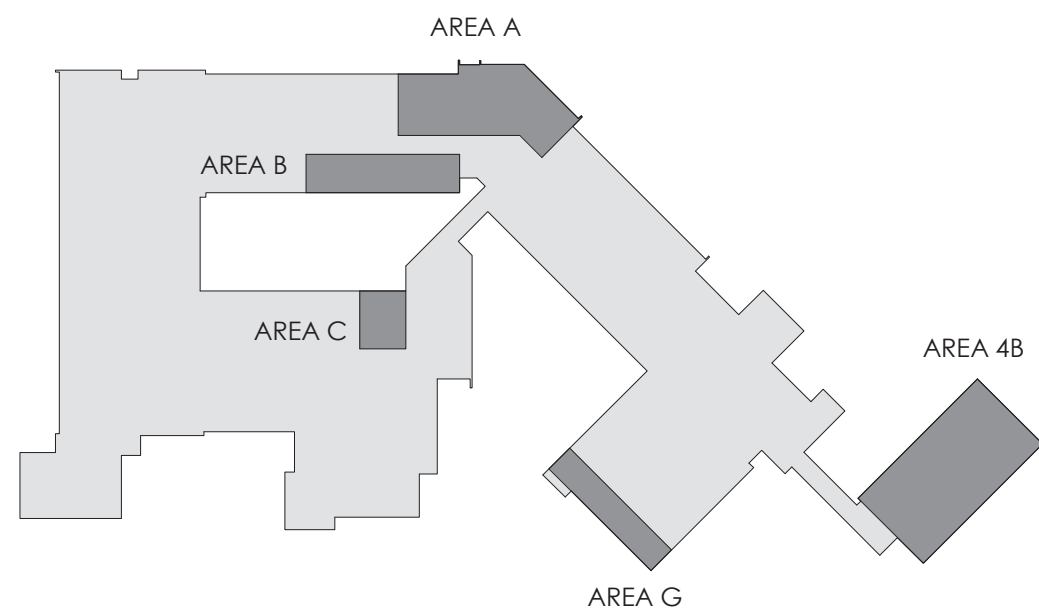
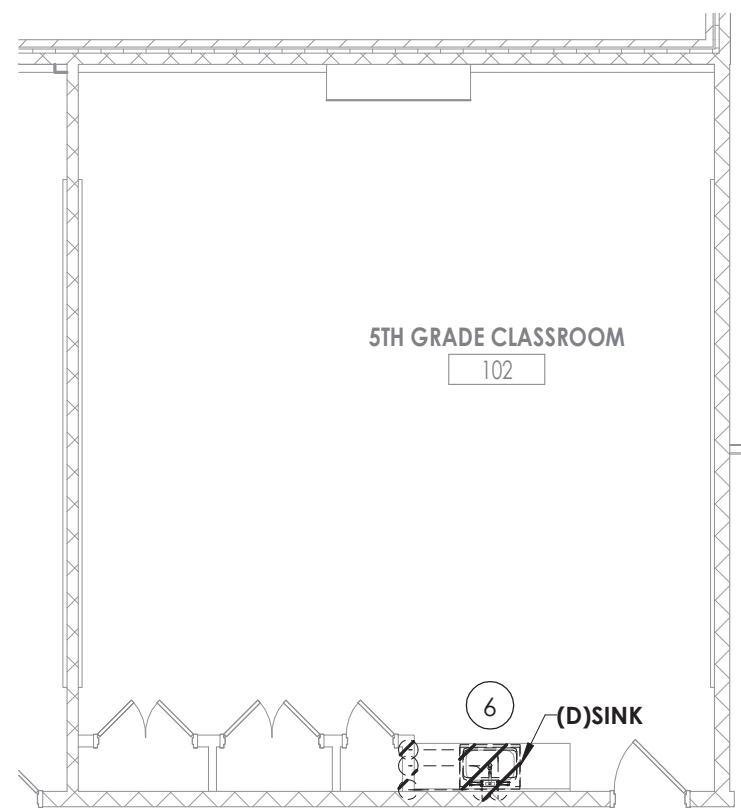
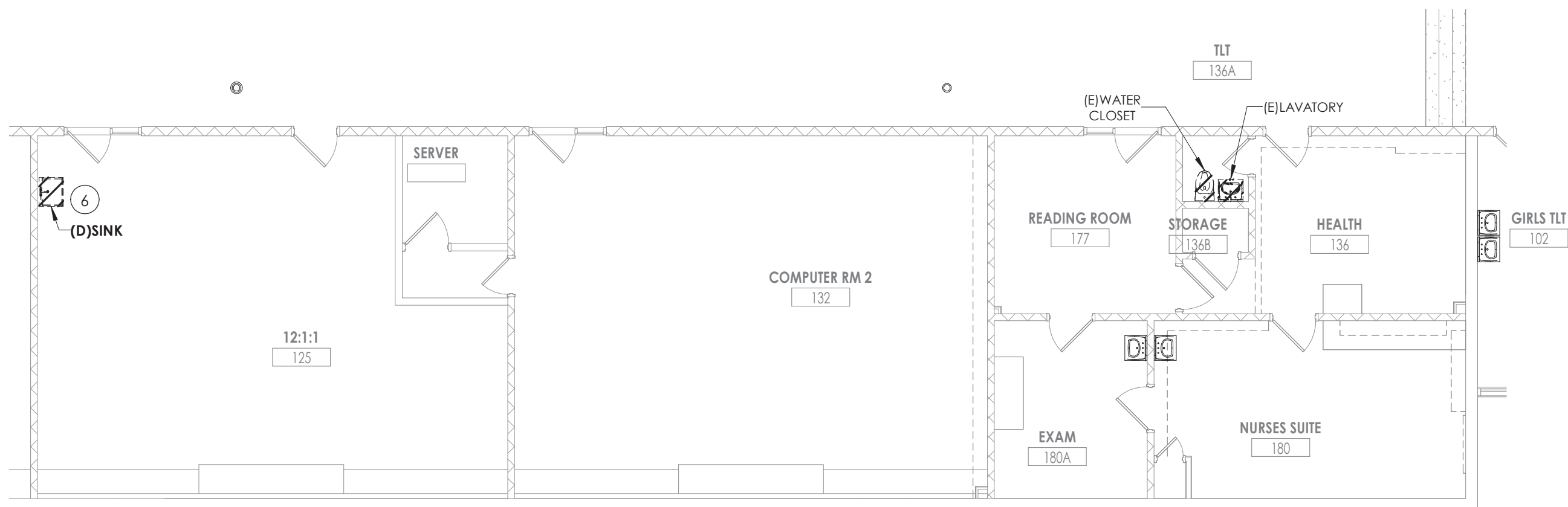
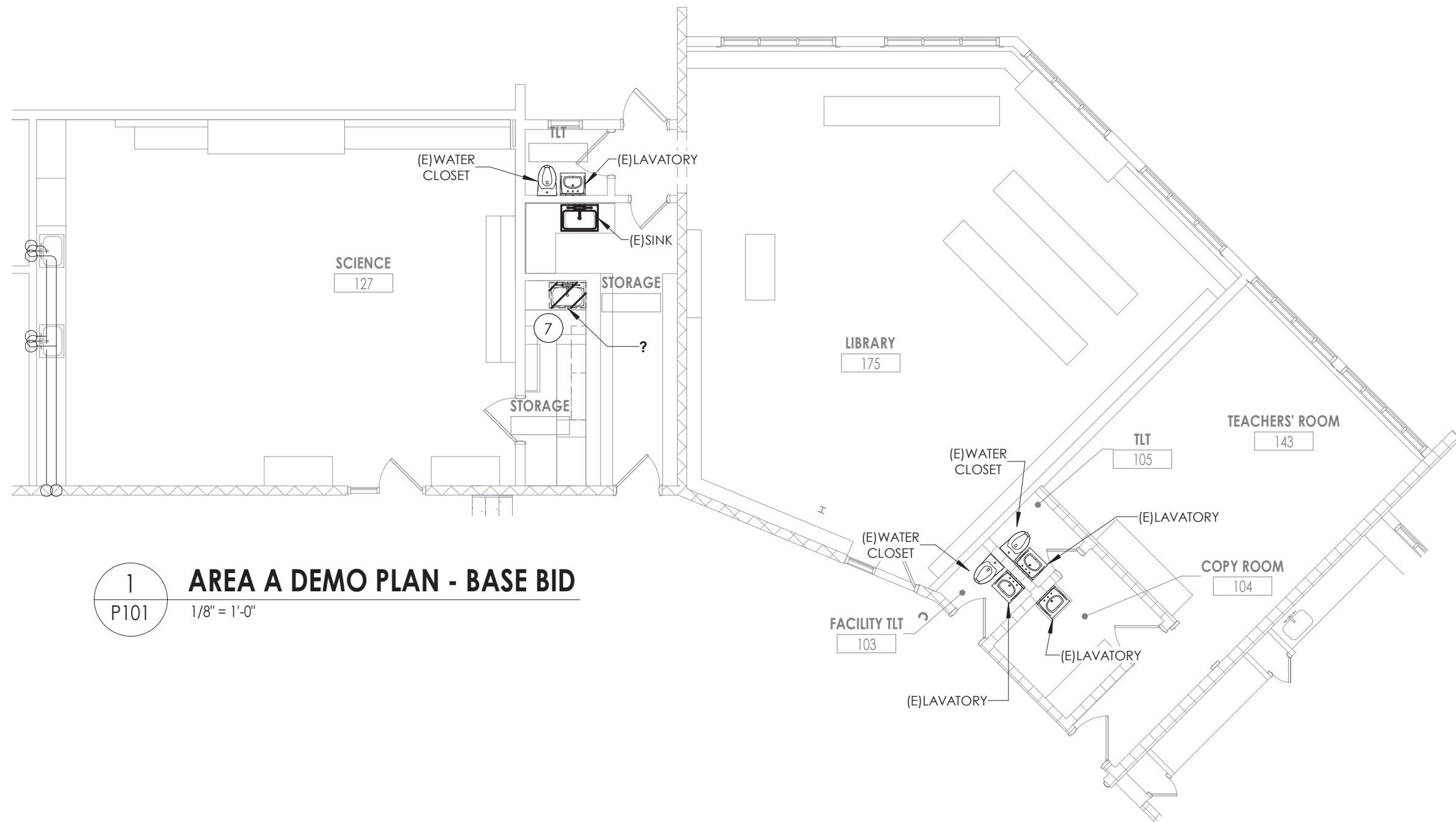
SHEET INFORMATION

Issued
03/05/21
BID SUBMISSION
Drawn By
Author
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Checker
Drawing Title
AREA A, B, C, & G DEMO PLAN

VG
P101

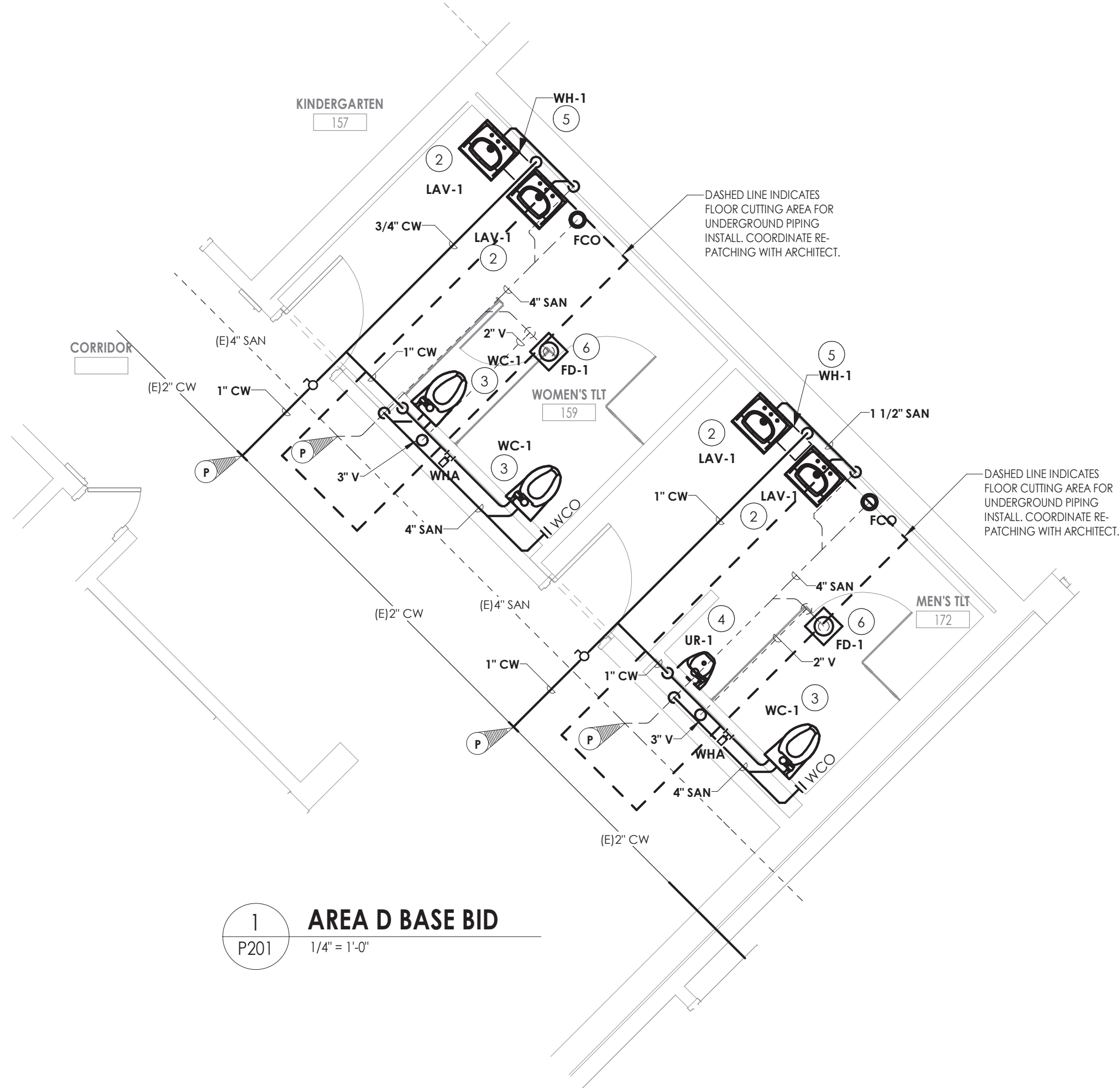
KEY NOTES:

- 1 DISCONNECT & REMOVE EXISTING LAVATORY, WALL CARRIER, TRIM, AND RELATED WATER/DRAIN/VENT PIPING. REMOVE TO NEAREST LIVE MAIN AND CAP.
- 2 DISCONNECT AND REMOVE THREE BAY SINK DRAIN PIPING FROM FIXTURE TO FLOOR PENETRATION, AND CAP. PREPARE PIPE FOR RECONNECTION OF NEW PIPING.
- 3 DISCONNECT & REMOVE EXISTING WATER CLOSET, WALL CARRIER, TRIM, AND RELATED WATER/DRAIN/VENT PIPING. REMOVE TO NEAREST LIVE MAIN AND CAP.
- 4 DISCONNECT & REMOVE EXISTING WATER HEATER. REMOVE ASSOCIATED DOMESTIC COLD & HOT WATER PIPING BACK TO MAIN AND CAP. COORDINATE ELECTRIC REMOVALS WITH ELECTRICAL CONTRACT.
- 5 DISCONNECT & REMOVE EXISTING INSTANT WATER HEATER. REMOVE ASSOCIATED DOMESTIC COLD & HOT WATER PIPING BACK TO MAIN AND CAP. COORDINATE ELECTRIC REMOVALS WITH ELECTRICAL CONTRACT.
- 6 DISCONNECT & REMOVE EXISTING SINK, SUPPORTS, TRIM, AND RELATED WATER/DRAIN/VENT PIPING. REMOVE TO NEAREST LIVE MAIN AND CAP.
- 7 DISCONNECT & REMOVE EXISTING SINK, SUPPORTS, TRIM, AND RELATED WATER/DRAIN/VENT PIPING. REMOVE TO NEAREST LIVE MAIN AND CAP. REMOVE ALL ACCESSORIES ASSOCIATED WITH SINK SUCH AS ACID TRAPS.

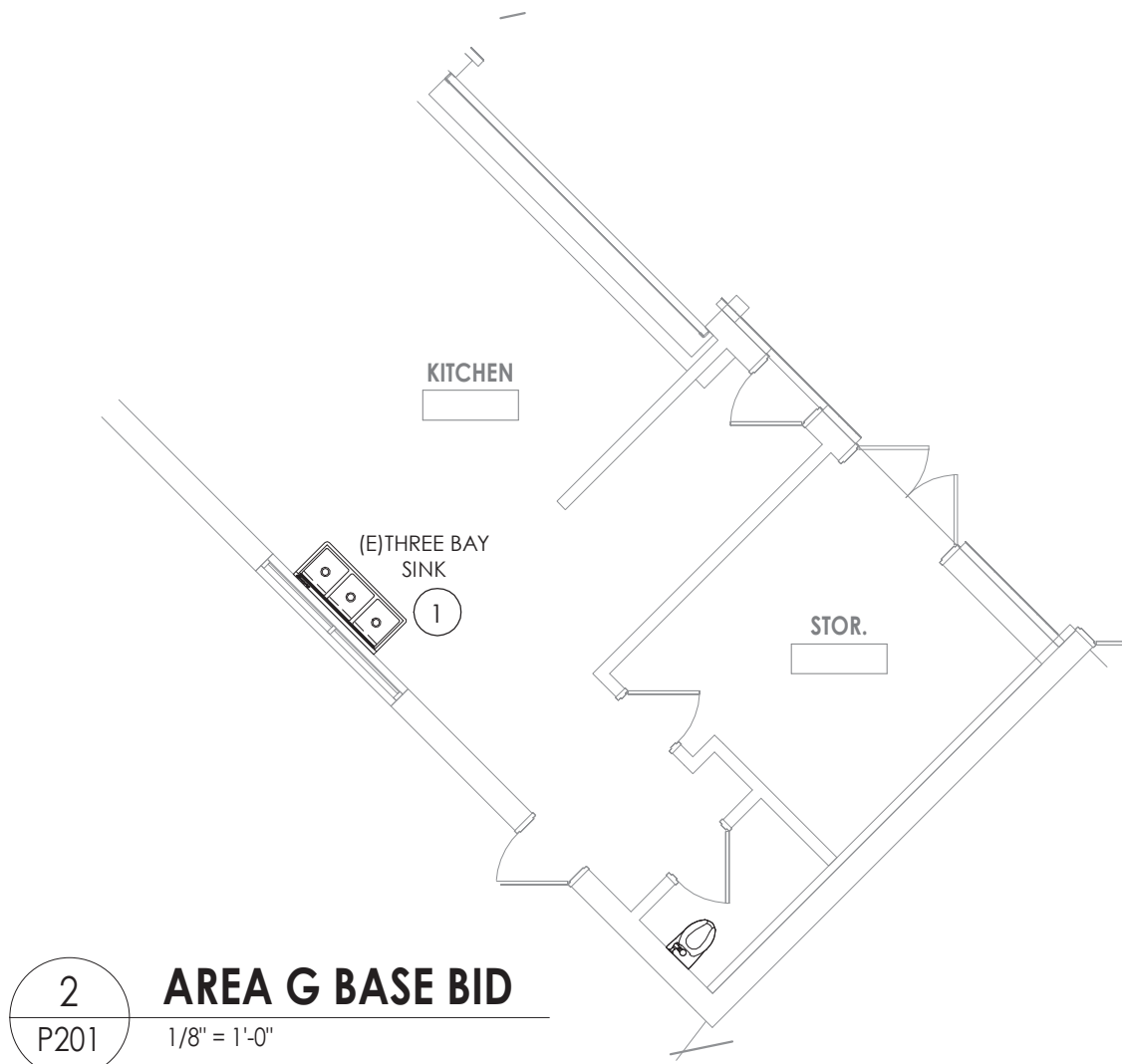


KEY NOTES:

1. PROVIDE INDIRECT DRAIN PIPING FROM THREE BAY SINK AND RECONNECT TO PREPARED SANITARY CONNECTION.
2. PROVIDE LAVATORY, SUPPORTS, DOMESTIC WATER SUPPLY LINES, SUPPLY SHUT OFF VALVES, P-TRAP, SANITARY PIPING, & AIR ADMITTANCE VALVE FOR VENTING.
3. PROVIDE WALL HUNG WATER CLOSET AND CARRIER, COLD WATER SUPPLY LINE, SUPPLY SHUT OFF VAVLE, SANITARY PIPING, & VENT PIPING.
4. PROVIDE WALL HUNG URINAL AND CARRIER, COLD WATER SUPPLY LINE, SUPPLY SHUT OFF VAVLE, SANITARY PIPING, & VENT PIPING.
5. PROVIDE POINT OF USE WATER HEATER WITHIN CASEWORK TO SERVE SINK. PROVIDE EEMAX MINI-TANK MODEL EMT2.5.
6. PROVIDE FLOOR DRAIN, P-TRAP, SANITARY PIPING, & VENT PIPING.



1
P201
AREA D BASE BID
1/4" = 1'-0"



2
P201
AREA G BASE BID
1/8" = 1'-0"

PIPING LEGEND

- XX — PIPING
- - - XX - - - PIPING BELOW GRADE
— X — EXISTING PIPING
CW COLD WATER
HW HOT WATER
HWR HOT WATER RECIRCULATING
SAN SANITARY SEWER
V VENT
(E) EXISTING
PLUMBING TO BE REMOVED

FIXTURES & FITTINGS LEGEND

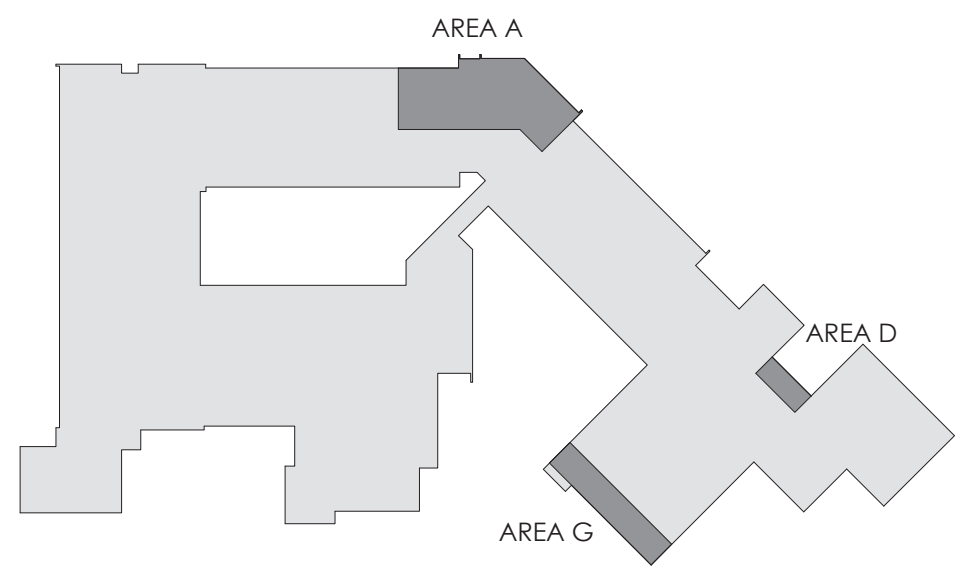
- TEE OUTLET - UP
TEE OUTLET - DOWN
CONNECTION - BOTTOM
CONNECTION TOP
ELBOW - TURNED UP
ELBOW - TURNED DOWN
PIPE CAP
CLEAN OUT
FLOOR CLEAN OUT
WALL CLEAN OUT
HOSE BIBB
NON FREEZE HOSE BIBB
FLOOR DRAIN
POINT OF CONNECTION
POINT OF REMOVAL
BALL VALVE

GENERAL NOTES

- A. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODES.
- B. DOMESTIC WATER LINES SHALL BE TYPE L COPPER, LEAD FREE JOINTS. INSULATE ALL PIPING WITH 1" THICK PREFORMED FIBERGLASS PIPE INSULATION WITH ASJ COVER. ALL FITTINGS AND VALVES TO BE COVERED WITH PREFORMED PVC FITTING COVERS. ALL EXPOSED VERTICAL FIXTURE SUPPLY LINES TO BE COVERED WITH PVC JACKET TO 7' ABOVE FINISHED FLOOR.
- C. UNDERGROUND SANITARY AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON, HUB AND SPIGOT WITH RUBBER GASKET PUSH JOINTS. ABOVE GROUND SANITARY AND VET PIPING SHALL BE DWV COPPER WITH DWV COPPER FITTINGS OR NO-HUB CAST IRON.
- D. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.
- E. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION. ANY CEILING SYSTEM COMPONENT DAMAGED DURING DEMOLITION, STORAGE, OR RE-INSTALLATION SHALL BE REPLACED WITH A NEW AT NO EXPENSE TO THE OWNER.
- F. ALL PIPING AND CONDUIT PENETRATIONS THRU RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING.
- G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PATCH AND FINISH ALL EXISTING PIPE PENETRATIONS AND TRENCHING THRU FLOOR AND WALLS AFTER DEMOLITION. IN ADDITION, ALL NEW PENETRATIONS AND TRENCHING SHALL BE PROVIDED FOR INSTALLATION OF PLUMBING SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, PIPING, ETC.

PLUMBING EQUIPMENT & FIXTURE SCHEDULE1

MARK	FIXTURE	CW	HW	SAN	V	DESCRIPTION	Manufacturer	Model	REMARKS
FD-1	FLOOR DRAIN			4"	2"	FLOOR DRAIN	ZURN INDUSTRIES	Z415-4NH-6B	
LAV-1	LAVATORY	1/2"	1/2"	1 1/4"	1 1/2"	ACCESSIBLE WALL HUNG LAVATORY, CONCEALED ARM CARRIER, 18"x20" 1/2", MANUAL TYPE, SINGLE-CONTROL MIXING, COMMERCIAL, SOLID BRASS VALVE.	AMERICAN STANDARD	0355.012	FAUCET, LF-1: CHICAGO FAUCET 420-CP
SK-1	SINK	1/2"	1/2"	1 1/2"	1 1/2"	ACCESSIBLE COUNTER MOUNT SINK WITH OVAL GOOSENECK FAUCET AND WRISTBLADE HANDLES	JUST MANUFACTURING	SL-ADA-2131-A-GR	FAUCET, LF-2: CHICAGO FAUCET 895-317GN2FCAB
SK-2	LAB SINK (21x19)	1/2"	1/2"	1 1/2"	1 1/2"	ACCESSIBLE LABORATORY SINK, GOOSENECK FAUCET, WRIST BLADE HANDLES, DILLUTION TRAP	JUST MANUFACTURING	SL-ADA-2119-A-GR	FAUCET, LF-2: CHICAGO FAUCET 895-317GN2FCAB DILLUTION TRAP: ZURN Z9A-PHIX
SK-3	LAB SINK (21x31)	1/2"	1/2"	1 1/2"	1 1/2"	ACCESSIBLE LABORATORY SINK, GOOSENECK FAUCET, WRIST BLADE HANDLES, DILLUTION TRAP	JUST MANUFACTURING	SL-ADA-2131-A-GR	FAUCET, LF-2: CHICAGO FAUCET 895-317GN2FCAB DILLUTION TRAP: ZURN Z9A-PHIX
SK-4	INSTRUMENT SINK	1/2"	1/2"	1 1/2"	1 1/2"	DEEP BASIN, GOOSENECK FAUCET, WRIST BLADE HANDLES			FAUCET, LF-2: CHICAGO FAUCET 895-317GN2FCAB
UR-1	URINAL	1"		2"	1 1/2"	ACCESSIBLE URINAL, REAR DISCHARGE, TOP SUPPLY, BATTERY POWERED SENSOR OPERATED FLUSH VALVE WITH MANUAL OVERRIDE	AMERICAN STANDARD	6590.001	FLUSH VALVE, FV-2: SLOAN VALVE COMPANY MODEL 186
WC-1	WATER CLOSET	1"		4"	2"	ACCESSIBLE WALL MOUNTED, REAR DISCHARGE, TOP SUPPLY, BATTERY POWERED SENSOR OPERATED FLUSH VALVE WITH MANUAL OVERRIDE	AMERICAN STANDARD	3351.101	FLUSH VALVE, FV-1: SLOAN VALVE COMPANY MODEL 111-1.28



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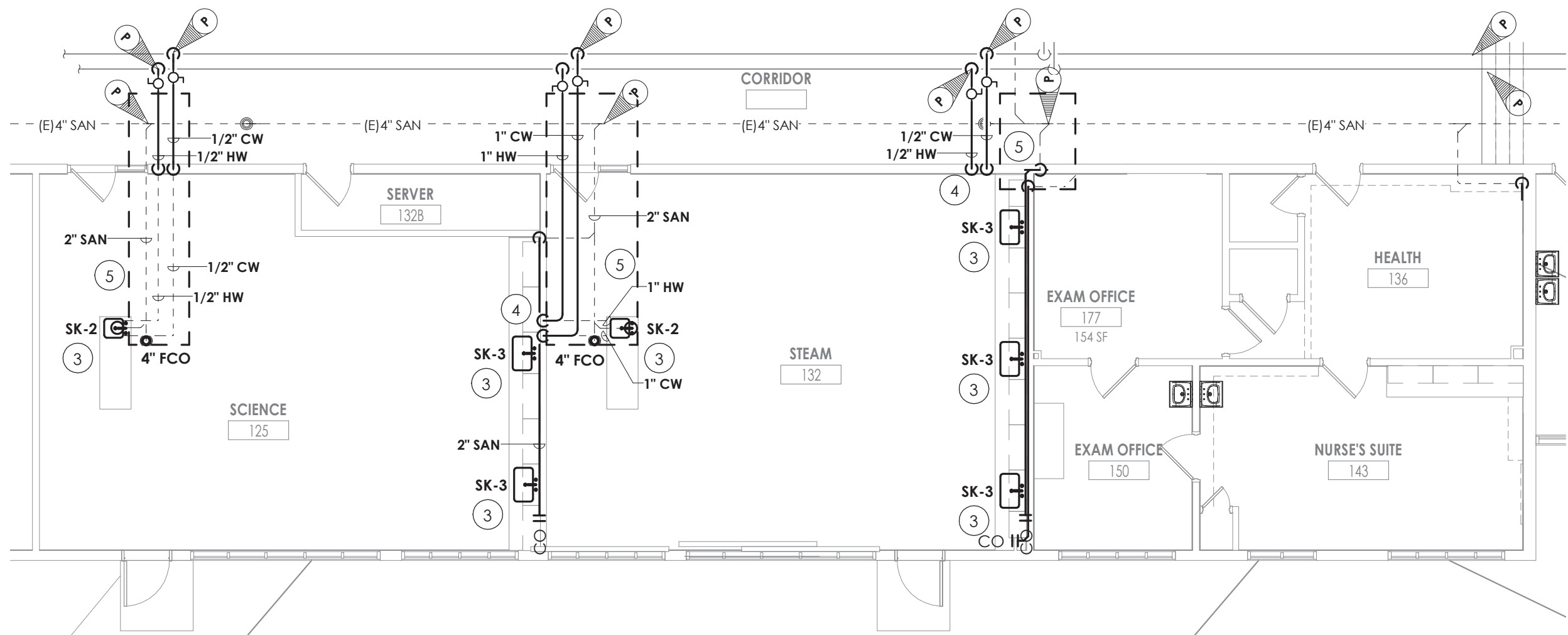
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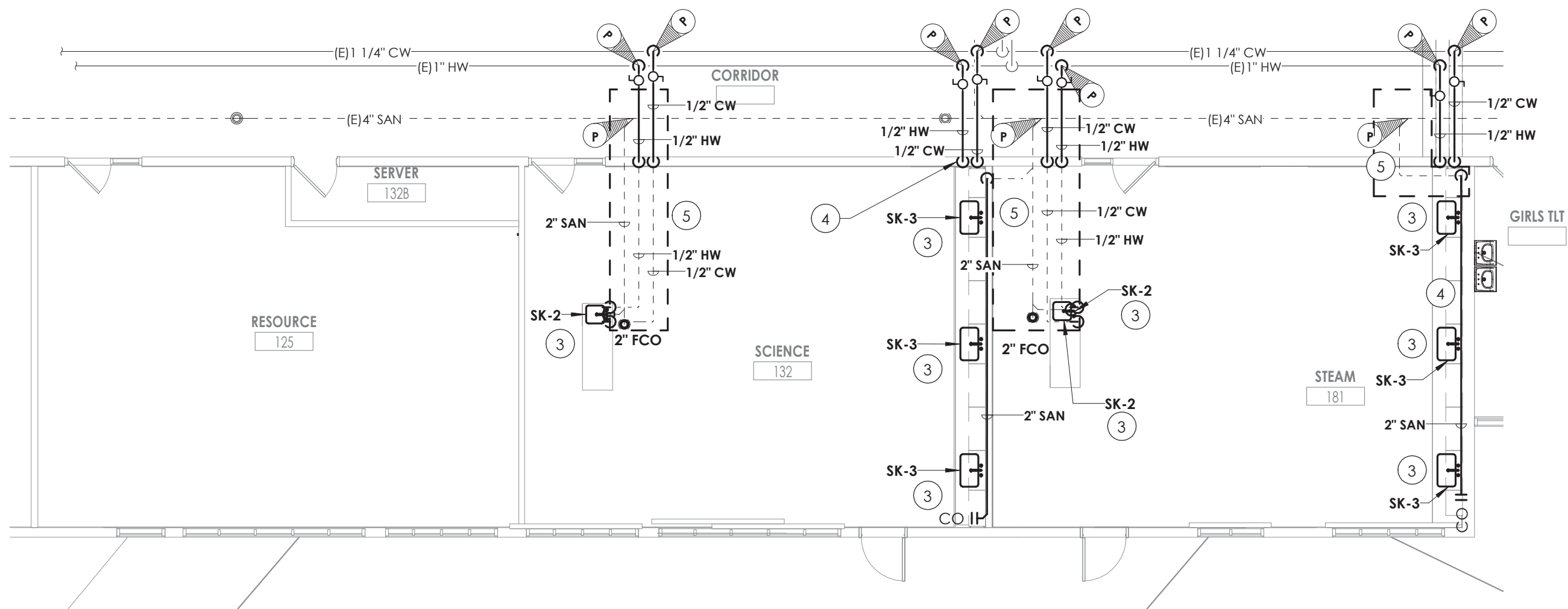
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AREA A, D & F NEW WORK PLAN

VG
P201

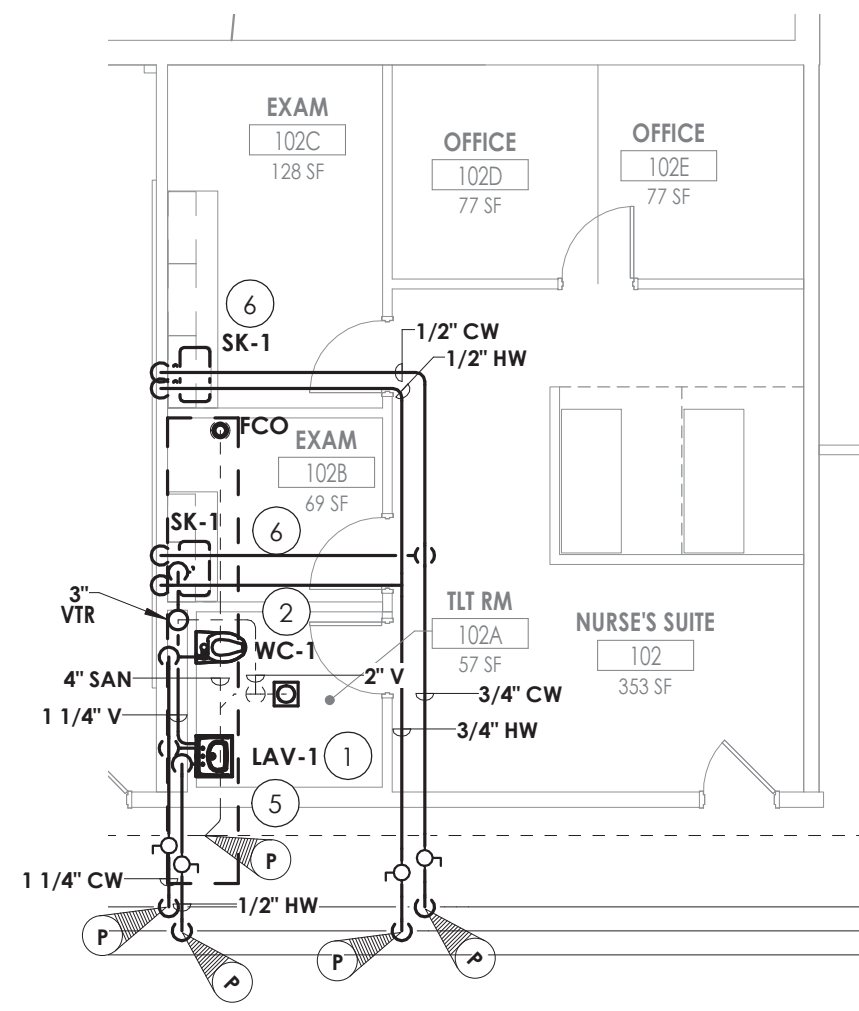
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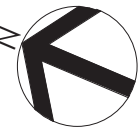
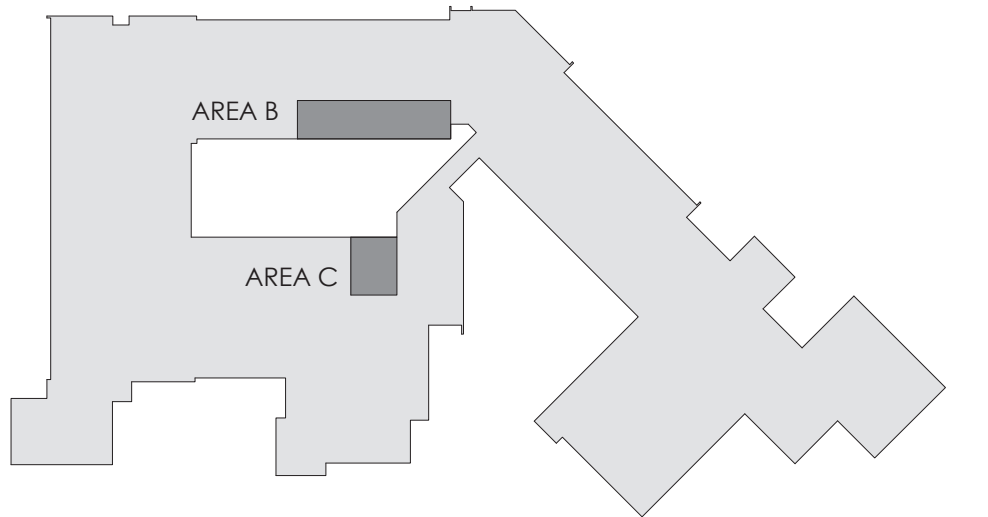
1
P202
AREA B BASE BID
1/8" = 1'-0"



2
P202
AREA B ALTERNATE BID PC-1
1/8" = 1'-0"



3
P202
AREA C ALTERNATE WORK BID PC-1
1/8" = 1'-0"



KEY NOTES:

- 1 PROVIDE LAVATORY, SUPPORTS, DOMESTIC WATER SUPPLY LINES, SUPPLY SHUT OFF VALVES, P-TRAP, SANITARY PIPING, & AIR ADMITTANCE VALVE FOR VENTING.
- 2 PROVIDE WALL HUNG WATER CLOSET AND CARRIER, COLD WATER SUPPLY LINE, SUPPLY SHUT OFF VALVE, SANITARY PIPING, & VENT PIPING.
- 3 PROVIDE LABORATORY SINK, SUPPORTS, DOMESTIC WATER SUPPLY LINES, SUPPLY SHUT OFF VALVES, P-TRAP, SANITARY PIPING, & AIR ADMITTANCE VALVE FOR VENTING. PROVIDE WITH ACID DRAIN PIPING UP TO DILUTION TRAP.
- 4 DISTRIBUTE SANITARY AND DOMESTIC PIPING WITHIN CASEWORK TO EACH COUNTERTOP FIXTURE. INSTALL MAINS TO BUILDING STRUCTURE, TIGHT TO BACK OF CASEWORK.
- 5 SAW CUT FLOOR AS INDICATED BY DASHED LINES TO INSTALL AND CONNECT UNDERGROUND PIPING, PATCH FLOOR, AND COORDINATE WITH GENERAL CONTRACTOR FOR FINAL FLOOR FINISH. WORK PHASING SHALL BE COORDINATED WITH GENERAL CONTRACTOR PRIOR TO CUTTING AND PATCHING.
- 6 PROVIDE SINK, SUPPORTS, DOMESTIC WATER SUPPLY LINES, SUPPLY SHUT OFF VALVES, P-TRAP, SANITARY PIPING, & AIR ADMITTANCE VALVE FOR VENTING.

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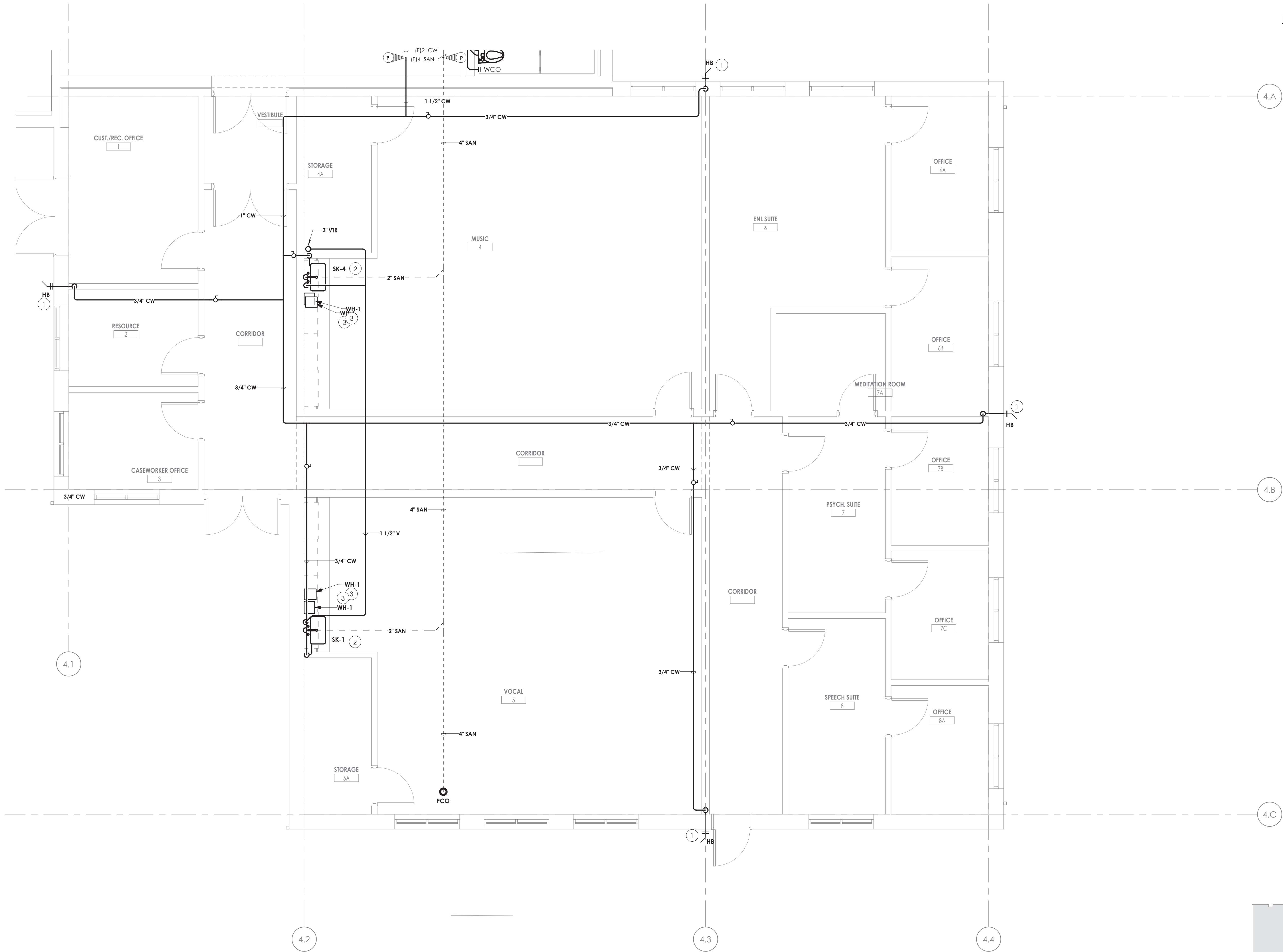
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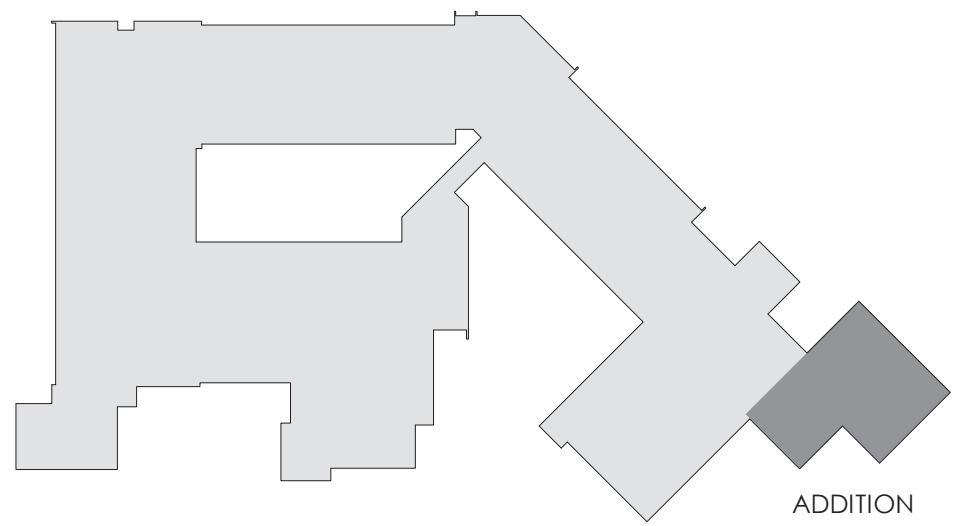
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KEY NOTES:

1. PROVIDE NON-FREEZE HOSE BIB WITH KEYED CONTROLS.
2. PROVIDE SINK, SUPPORTS, DOMESTIC WATER SUPPLY LINES, SUPPLY SHUT OFF VALVES, P-TRAP, SANITARY PIPING, & VENT PIPING.
3. PROVIDE POINT OF USE WATER HEATER WITHIN CASEWORK TO SERVE SINK. PROVIDE EEMAX MINI-TANK MODEL EMT2.5.

1
P203
ADDITION NEW WORK PLAN
1/4" = 1'-0"



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