

PLUMBING FIXTURE CONNECTION SCHEDULE									
MARK	DESCRIPTION	BASIS OF DESIGN		CONNECTION SIZE					
		MANUFACTURER	MODEL NO.	CW (IN)	HW (IN)	SS (IN)	V (IN)		
ICM-1	ICE MACHINE CONNECTION, WATER SUPPLY VALVED AT WALL. PROVIDE DOUBLE CHECK VALVE TYPE BACKFLOW PREVENTER AND WATER FILTER, WATTS 1/2" 007-S BACKFLOW PREVENTER AND AQUA-PURE AP510 FILTER. ROUTE BACKFLOW PREVENTER DISCHARGE TO FLOOR SINK SERVING ICE MACHINE.	-	-	3/4	-	-	-		
	COORDINATE ROUGH-IN LOCATION/HEIGHT. FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECT/CASING/DRAWINGS.								
DRAINAGE FIXTURE (CO, FD, FS, HD, TD)									
FCO	FLOOR CLEANOUT, CAST IRON BODY AND ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED STAINLESS STEEL COVER.	WADE	6000-153.	-	-	SEE DWGS.	-		
FD-1	FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 6" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMP-ON FLEXIBLE, BOTTOM OUTLET.	WADE	1100-MR6	-	-	SEE DWGS.	-		
	TRAP SEAL. PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER.								
	COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS / FLOOR CONSTRUCTION.								
DRINKING FOUNTAIN (EDF)									
EWC-1	WALL HUNG, BARRIER FREE, BILEVEL ELECTRIC DRINK FOUNTAIN WITH ELECTRONIC BOTTLE FILLER SENSOR AND SHIELDED WALL-RESISTANT BUBBLER, 8 GPH OF 50 DEGREE WATER AT 90 DEGREE AMBIENT AND 80 DEGREE INLET WATER. PROVIDE CANE TOUCH SKIRT TO COMPLY WITH ADA GUIDELINES.								
	P-TRAP: 1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. MCGUIRE 8872.	ELKAY	LZSTL8WSLP	1/2	-	2			
	SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165.								
	CARRIER, RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. MIFAB MC-33								
	REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.								
EWC-2	WALL HUNG, BARRIER FREE, SINGLE ELECTRIC DRINK FOUNTAIN WITH ELECTRONIC BOTTLE FILLER SENSOR AND SHIELDED WALL-RESISTANT BUBBLER, 8 GPH OF 50 DEGREE WATER AT 90 DEGREE AMBIENT AND 80 DEGREE INLET WATER. PROVIDE CANE TOUCH SKIRT TO COMPLY WITH ADA GUIDELINES.								
	P-TRAP: 1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. MCGUIRE 8872.	ELKAY	EZ8WSLKL	1/2	-	2	2		
	SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165.								
	CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. MIFAB MC-31.								
	REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.								
HYDRANTS (HB, RH, WH)									
HB-1	HOSE BIBB, EXPOSED TYPE, MILD CLIMATE, WALL-MOUNTED FAUCET WITH 3/4" F.P.T. INLET, 3/4" MALE HOSE THREAD OUTLET AND SELF-DRAINING ANTI-SIPHON VACUUM BREAKER. CHROME PLATED BRASS FINISH WITH REMOVABLE TEE HANDLE.	WOODFORD	20	3/4	-	-	-		
	INSTALL WITH OUTLET AT 18" A.F.F. OR AS DIRECTED BY ARCHITECT/OWNER.								
RH-1	ROOF HYDRANT, FREEZELESS, LEAD FREE, NO DRAIN LINE REQUIRED, NO WINTERIZATION NEEDED, ASSE 1057 APPROVED, HOSE VACUUM BREAKER.	PRIER	P-RH4	1	-	-	-		
	COORDINATE LOCATION WITH ROOF STRUCTURE.								
WH-1	HOSE BIBB, FREEZELESS, CHROME PLATED BRASS FINISH WITH ANTI-SIPHON VACUUM BREAKER, LOOSE TEE KEY OPERATION.								
	INSTALL WITH BOTTOM OF HYDRANT 24" A.F.F. OR AS DIRECTED BY ARCHITECT/OWNER.	WOODFORD	65	3/4	-	-	-		
LAVATORY (L)									
L-1A	LAVATORY, WALL HUNG, (2) TWO BOWLS, TERREON SOLID SURFACE, ADA COMPLIANT, POLISHED CHROME STRAINER INCLUDED, DECK INCLUDED.								
	FAUCET: (2) TWO, SINGLE PIECE WITH WATER AND SOAP DISPENSER, CHROME PLATED, 0.5GPM, BRADLEY WASHBAR DUO								
	P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872.								
	SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165/L.	BRADLEY	LD-3010	1/2	1/2	2	2		
	TMV: ASSE 1070 THERMOSTATIC MIXING VALVE, 130 DEGREES IN, 110 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMONS "MAXLINE" 7-225-CK-W.								
	CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 4" SQUARE BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE W520-N36.								
	REFER TO ARCHITECTURAL FOR HEIGHT REQUIREMENTS, COLOR, SOAP TYPE, AND DECK LENGTH.								
SINK (HS, SK)									
SK-1	SINK, COUNTER MOUNTED, SELF-RIMMING, 20 GAUGE TYPE 302 STAINLESS STEEL, 33" X 21-1/4" X 7" DEEP, DOUBLE COMPARTMENT WITH FAUCET DECK. FOUR FAUCET HOLES ON 8" CENTERS.								
	FAUCET: CHROME PLATED FAUCET WITH SPRAY HANDLE. 8" CENTERS. 1.5 GPM MOEN 8244.								
	STRAINER: HEAVY DUTY STEEL BASKET STRAINER WITH 1-1/2 TAILPIECE AND LOCK NUTS. MCGUIRE 151A.								
	SOLIDS INTERCEPTOR: POLYETHYLENE, ANSI Z1167 CERTIFIED, 1.2 GALLON LIQUID CAPACITY WITH REMOVABLE DEBRIS BUCKET, STRIEM SIDEKICK.								
	P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.	ELKAY	"CELEBRITY" CR3321	1/2	1/2	2	2		
	TMV: ASSE 1070 THERMOSTATIC MIXING VALVE, 130 DEGREES IN, 110 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMONS "MAXLINE" 7-225-CK-W.								
	SUPPLIES: 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165.								
	REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.								
SK-2	SINK, COUNTER MOUNTED, SELF-RIMMING, 20 GAUGE TYPE 302 STAINLESS STEEL, 33" X 21-1/4" X 7" DEEP, DOUBLE COMPARTMENT WITH FAUCET DECK. FOUR FAUCET HOLES ON 8" CENTERS.								
	FAUCET: CHROME PLATED FAUCET WITH SPRAY HANDLE. 8" CENTERS. 1.5 GPM MOEN 8244.								
	STRAINER: HEAVY DUTY STEEL BASKET STRAINER WITH 1-1/2 TAILPIECE AND LOCK NUTS. MCGUIRE 151A.								
	P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.	ELKAY	"CELEBRITY" CR3321	1/2	1/2	2	2		
	TMV: ASSE 1070 THERMOSTATIC MIXING VALVE, 130 DEGREES IN, 110 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMONS "MAXLINE" 7-225-CK-W.								
	SUPPLIES: 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165.								
	REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.								
URINAL (U)									
UR-1	URINAL, WALL HUNG, WHITE VITREOUS CHINA, 1.0 GALLON PER FLUSH SIPHON JET ACTION, INTEGRAL TRAP.								
	FLUSH VALVE: 1.0 GALLON FLUSH CYCLE, EXPOSED, DIAPHRAGM TYPE, CHROME PLATED URINAL FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 3/4" TOP SPUD, SLOAN ROYAL 198-1H-573-CP CAP.	AMERICAN STANDARD	"TRIMBROOK" 6561.017	1	-	2	2		
	CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, UPPER AND LOWER BEARING PLATES WITH THREADED STUDS. MIFAB MC-32.								
	REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.								
UR-1A	URINAL, ADA COMPLIANT, WALL HUNG, WHITE VITREOUS CHINA, 1.0 GALLON PER FLUSH SIPHON JET ACTION, INTEGRAL TRAP.								
	FLUSH VALVE: 1.0 GALLON FLUSH CYCLE, EXPOSED, DIAPHRAGM TYPE, CHROME PLATED URINAL FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 3/4" TOP SPUD, SLOAN ROYAL 198-1H-573-CP CAP.	AMERICAN STANDARD	"TRIMBROOK" 6561.017	1	-	2	2		
	CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, UPPER AND LOWER BEARING PLATES WITH THREADED STUDS. MIFAB MC-32.								
	REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.								
WATER CLOSET (WC)									
WC-1	WATER CLOSET (A.D.A. COMPLIANT), FLOOR MOUNTED, 1.28 GALLON PER FLUSH SIPHON JET ACTION, VITREOUS CHINA, ELONGATED BOWL WITH 1-1/2" TOP SPUD INLET AND BOLT COVERS.								
	SEAT: ELONGATED OPEN FRONT WHITE PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. CHURCH 9500SSCT.	AMERICAN STANDARD	"WADERA" 2234.101.	1	-	4	2		
	FLUSH VALVE: 1.28 GALLON FLUSH CYCLE, EXPOSED, CHROME PLATED CLOSET FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD, SLOAN ROYAL 111.								
	REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.								
WC-1A	WATER CLOSET (A.D.A. COMPLIANT), FLOOR MOUNTED, 1.28 GALLON PER FLUSH SIPHON JET ACTION, VITREOUS CHINA, ELONGATED BOWL WITH 1-1/2" TOP SPUD INLET AND BOLT COVERS.								
	SEAT: ELONGATED OPEN FRONT WHITE PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. CHURCH 9500SSCT.	AMERICAN STANDARD	"WADERA" 3643.001.	1	-	4	2		
	FLUSH VALVE: 1.28 GALLON FLUSH CYCLE, EXPOSED, CHROME PLATED CLOSET FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD, SLOAN ROYAL 111.								
	REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.								
WC-2A	WATER CLOSET (A.D.A. COMPLIANT), WALL HUNG, 1.28 GALLON PER FLUSH SIPHON JET ACTION, VITREOUS CHINA, ELONGATED BOWL WITH 1-1/2" TOP SPUD INLET AND BOLT COVERS.								
	SEAT: ELONGATED OPEN FRONT WHITE PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. CHURCH 9500SSCT.	AMERICAN STANDARD	"AFWALL" 3351.101.	1	-	4	2		
	FLUSH VALVE: 1.28 GALLON FLUSH CYCLE, EXPOSED, CHROME PLATED CLOSET FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD, SLOAN ROYAL 111.								
	CARRIER: MIFAB MC-10 HORIZONTAL OR MC-12.13 VERTICAL.								
	REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.								

PLUMBING PIPING LEGEND	
SYMBOLS	DESCRIPTION
	SANITARY OR WASTE PIPING (SAN)
	STORM DRAIN PIPING (SD)
	VENT PIPING (V)
	COLD WATER PIPING (CW)
	HOT WATER PIPING (HW)
	HOT WATER RETURN PIPING (HWR)
	NATURAL GAS PIPING (G)
	SHUT-OFF VALVE
	BALANCING VALVE (BV)
	BALL VALVE (BV)
	HORIZONTAL SWING CHECK
	UNION
	STRAINER
	REDUCER OR INCREASER
	PIPING DOWN
	RISE OR DROP PIPING
	PIPING UP -OR- PIPING UP & DOWN
	CAP ON END OF PIPE
	CLEANOUT (WALL OR CEILING) (CO)
	FLOOR CLEANOUT (FCO)
	EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO)
	BRANCH CONNECTION OUT OF TOP
	BRANCH CONNECTION OUT OF BOTTOM
	BRANCH CONNECTION OUT OF SIDE
	WYE & 1/8TH BEND BRANCH CONNECTION
	WYE BRANCH CONNECTION
	REFER TO KEYED NOTE
	FLOOR DRAIN (FD)
(E)	EXISTING
(N)	NEW
VTR	VENT THRU ROOF
B.F.F.	BELOW FINISHED FLOOR
A.F.F.	ABOVE FINISHED FLOOR
	NEW CONNECTION
	INVERT ELEVATION
	DELTA CHANGE SYMBOL

SHOCK ARRESTOR SCHEDULE			
P.D.I. SYMBOLS:	FIXTURE UNITS:	THREADED CONNECTION	CERTIFICATION
<b>AA</b>	1 - 4	1/2"	ASSE 1010
<b>A</b>	5 - 11	1/2"	ASSE 1010
<b>B</b>	12 - 32	3/4"	ASSE 1010
<b>C</b>	33 - 60	1"	ASSE 1010
<b>D</b>	61 - 113	1"	ASSE 1010
<b>E</b>	114 - 154	1"	ASSE 1010
<b>F</b>	155 - 330	1"	ASSE 1010

CIRCULATION PUMP SCHEDULE											
MARK	BASIS OF DESIGN		DESCRIPTION	TYPE	GPM	HEAD FEET	WATTS	ELECTRICAL CHAR.			MAX RPM
	MANUFACTURER	MODEL						V	P	F	
CP-1	GRUNDFOS	ALPHA2 26-99F	CIRCULATION PUMP	INLINE CAST IRON	9.5	27.5	120	120	1	60	1750

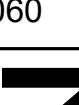
DOMESTIC HW EXPANSION TANK SCHEDULE							
Type Mark	BASIS OF DESIGN		DESCRIPTION	MAX WORK PRESSURE (PSI)	TANK VOLUME GALLONS	MAX. ACCEPT. GALLONS	DIAMETER (INCHES)
	MANUFACTURER	MODEL					
ET-1	WATTS	DETA-160	HOT WATER EXPANSION TANK	150	70	13	22"
1. PROVIDE ASME POTABLE WATER EXPANSION TANK ON THE COLD WATER SUPPLY LINE, DOWNSTREAM OF THE CHECK VALVE.							
2. PROVIDE HOUSEKEEPING PAD.							
3. PROVIDE UNION CONNECTION.							

# PLUMBING GENERAL NOTES

1. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
2. ALL SANITARY PIPING 3" & LARGER SHALL BE ROUTED AT 1/4" SLOPE PER FOOT UNLESS OTHERWISE NOTED. ALL PIPE LESS THAN 3" SHALL BE ROUTED AT 1/8" SLOPE PER FOOT.
3. EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6' ABOVE ROOF. MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A MINIMUM 5'-0" FROM ANY EXTERIOR WALL.
4. CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.
5. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLABS WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUBSURFACE PLUMBING ELEMENTS.
6. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT. DUCTWORK OR CONDUIT SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.
7. COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.
8. DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
9. WITHIN THE EXISTING BUILDING, EXISTING WATER, WASTE AND VENT SERVICES ARE TO BE MODIFIED AS REQUIRED AND REUSED FOR THE INSTALLATION OF NEW AND/OR RELOCATED PLUMBING FIXTURES. REFER TO PLUMBING FLOOR PLANS FOR POINTS OF CONNECTION.
10. WITHIN THE EXISTING BUILDING, SAWCUT AND REMOVE EXISTING FLOORS, SLABS AS REQUIRED TO PROVIDE NEW AND/OR RELOCATED PLUMBING FIXTURES, CLEANOUTS, AND UNDERSLAB WASTE AND VENT PIPING. PATCH AND REFINISH FLOOR TO MATCH EXISTING.
11. IN AREAS WHERE THE FLOOR SLAB IS REMOVED, CONTRACTOR SHALL ALSO REMOVE UNDERSLAB WASTE AND VENT PIPING WHICH SERVES FIXTURES DESIGNATED FOR REMOVAL. PRIOR TO ANY REMOVAL, FIELD VERIFY THAT THE PIPING TO BE REMOVED DO NOT SERVE ANY EXISTING FIXTURES TO REMAIN OR NEW FIXTURES TO BE INSTALLED.
12. IN AREAS WHERE THE FLOOR SLAB IS NOT REMOVED, CONTRACTOR SHALL ABANDON IN PLACE ANY UNDERSLAB WASTE AND VENT PIPING NO LONGER NEEDED. UNLESS THE PIPING MUST BE REMOVED FOR CONFORMANCE WITH CITY CODE, CONTRACTOR SHALL NOT ACCESS THE PIPING FOR THEIR REMOVAL. CUT AND PLUG SUCH LINES BELOW SLAB, AND PATCH FLOOR TO MATCH EXISTING.
13. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL AND CONDITION OF EXISTING WASTE PIPING PRIOR TO BEGINNING CONSTRUCTION. ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.
14. WASTE LINES TO BE RE-USED OR RECONNECTED TO SHALL BE THOROUGHLY RODDED OUT AND FLUSHED TO ENSURE THEY ARE FREE FROM BLOCKAGES.
15. CONTRACTOR TO COORDINATE ALL REMODEL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES.
16. THE PROPER INSTALLATION OF NEW FIXTURES AND THE PROPER CONTINUED OPERATION OF EXISTING FIXTURES TO REMAIN SHALL DETERMINE THE EXTENT AND NATURE OF PLUMBING REMODEL WORK.
17. RESTORE FIXTURES TO MANUFACTURER'S ORIGINAL CONDITION. THIS SHALL INCLUDE RESTORATION OF ALL FIXTURES PARTS READILY AND NON-READILY ACCESSIBLE COMPONENTS, INCLUDING ALL HARDWARE AND SEALS AS REQUIRED FOR SATISFACTORY OPERATION AND FINISHES. THIS ALSO INCLUDES CLEANING AND PAINTING THE EXTERIOR OF ALL EXPOSED PIPING TO LIKE NEW CONDITION AND PAINTING OF VITREOUS CHINA EXPOSED SURFACES AS NEEDED TO RESTORE TO ORIGINAL MANUFACTURERS CONDITION. THE CONTRACTOR MAY OPT TO REPLACE ANY EXISTING OR PIPING WITH NEW AND/OR RELOCATED PIPING.
18. CONTRACTOR SHALL CHECK ALL LOCATIONS, MEASUREMENTS, DEPTHS, AND REPORT ANY DISCREPANCIES FOR CORRECTION BEFORE DEMOLITION.
19. CONTRACTOR TO MAKE FINAL CONNECTION TO FOOD SERVICE EQUIPMENT. COORDINATION SIZE AND LOCATION OF ALL CONNECTIONS WITH EQUIPMENT PROVIDER. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF EQUIPMENT.

## FIRE SPRINKLER SYSTEM NOTES

- A. THE EXISTING FIRE SUPPRESSION SYSTEM SHALL BE EXTENDED PROVIDING COVERAGE TO THE RENOVATED SPACE, NEW ADDITION. THE SYSTEM SHALL COMPLY WITH NFPA 13-2016 AND THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE.
- B. INSTALLATION SHALL BE ACCOMPLISHED BY A CONTRACTOR WHO IS DULY LICENSED AND ACCREDITED IN THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS AND FIRE PROTECTION EQUIPMENT FOR THE PAST THREE YEARS.
- C. PIPING SHALL BE FERROUS PIPING (WELDED AND SEAMLESS), ASTM A795, ASTM A53 OR ASTM A153 IN ACCORDANCE WITH NFPA 13.
- D. CONTRACTOR SHALL COORDINATE THE LOCATIONS OF ALL SPRINKLERS AND SPRINKLER PIPING WITH ALL OTHERS DUCTS, LINES, EQUIPMENT, CONDUIT, STRUCTURAL SYSTEMS, CEILING SUPPORTS, AND FRAMING BEFORE INSTALLATION. SPRINKLER PIPING SHALL NOT BE INSTALLED WHERE ITS LOCATION INHIBITS EQUIPMENT FILTER AND MAINTENANCE ACCESS OR INFRINGES UPON CLEARANCE DICTATED BY THE NATIONAL ELECTRIC CODE. ALL SPRINKLERS TO BE CENTERED IN CEILING TILES - "CENTER OF TILE."
- E. PROVIDE UL APPROVED FIRESTOPPING AT ALL LOCATIONS WHERE PIPES PENETRATE RATED WALL ASSEMBLIES.
- F. CAREFULLY COORDINATE LOCATIONS OF SPRINKLERS WITH SURFACE MOUNTED LIGHT FIXTURES. MAINTAIN OBSTRUCTION DISTANCES AND SPACING IN ACCORDANCE WITH THE MANUFACTURERS LISTINGS AND NFPA REQUIREMENTS.
- G. THE EXISTING SPRINKLER SYSTEM SERVING AREAS NOT BEING RENOVATED MUST BE MAINTAINED DURING CONSTRUCTION.

<h1 style="text-align: center;">PLUMBING GENERAL</h1> <h2 style="text-align: center;">NOTES AND SCHEDULES</h2>	
DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060
<div style="display: flex; justify-content: space-between; align-items: center;"> <span><b>P001</b></span>  </div>	



[illegible]

FACILITY RENOVATION

PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER

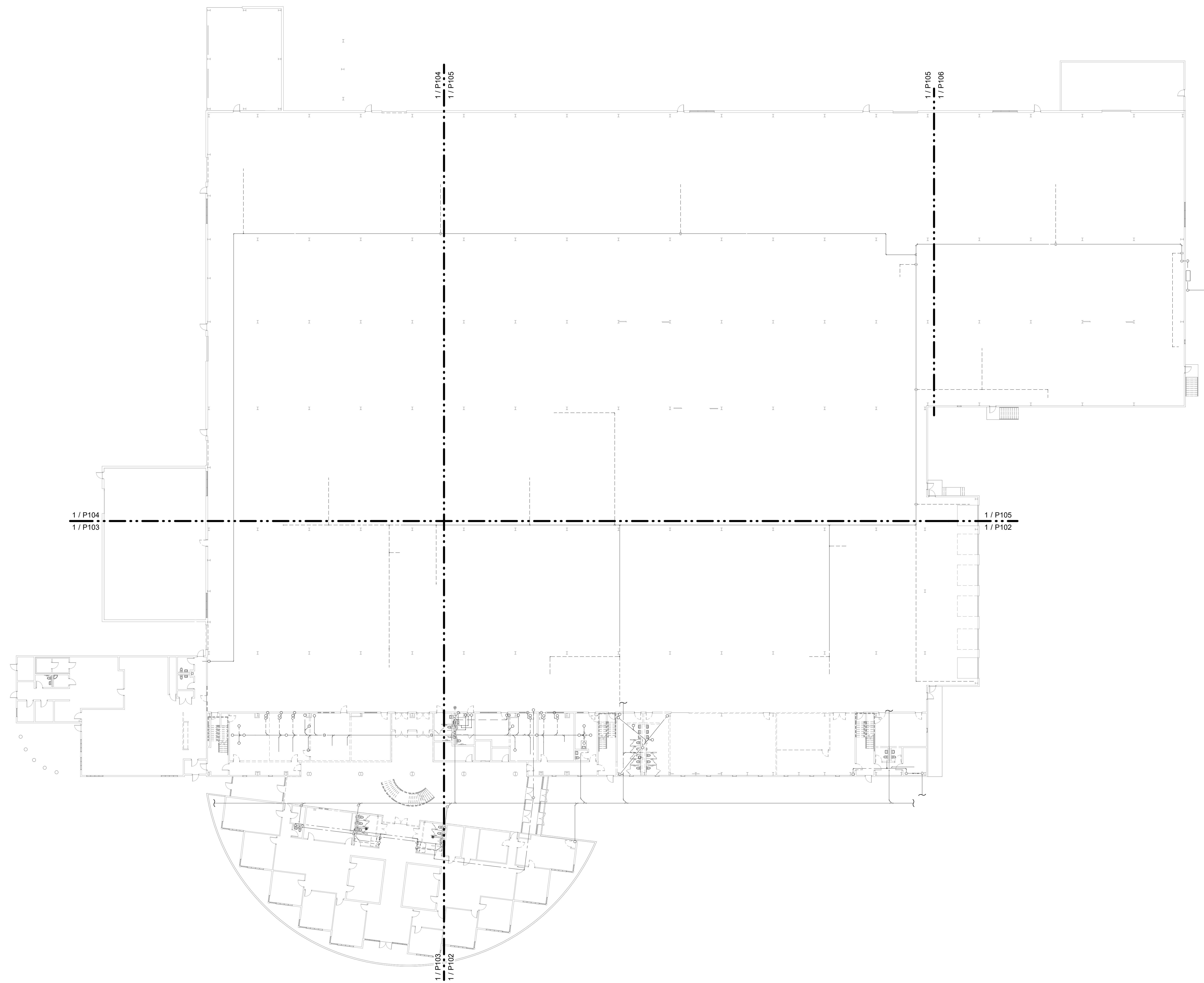
PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

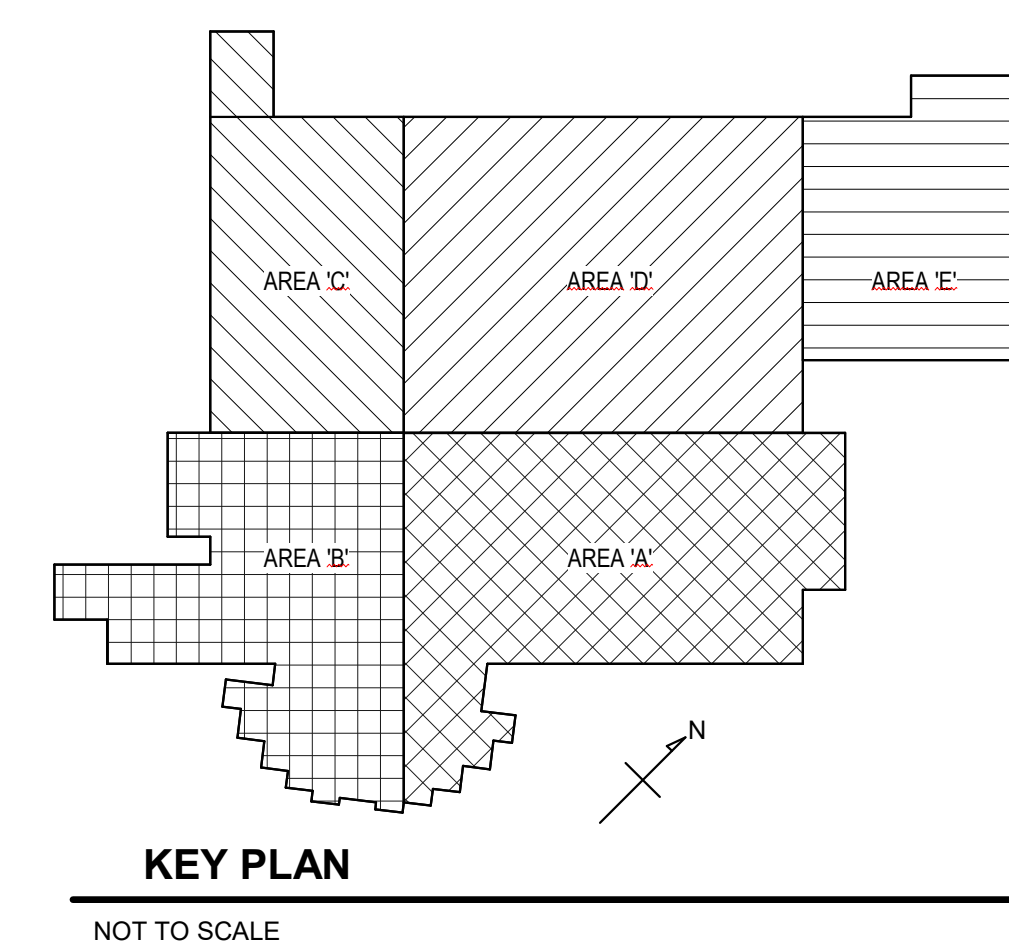
CONSTRUCTION DOCUMENTS

**FIRST FLOOR  
DEMOLITION PLAN -  
OVERALL - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

P101 

**1 FIRST FLOOR DEMOLITION PLAN - OVERALL - PLUMBING**  
Scale: 1" = 20'-0"



[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

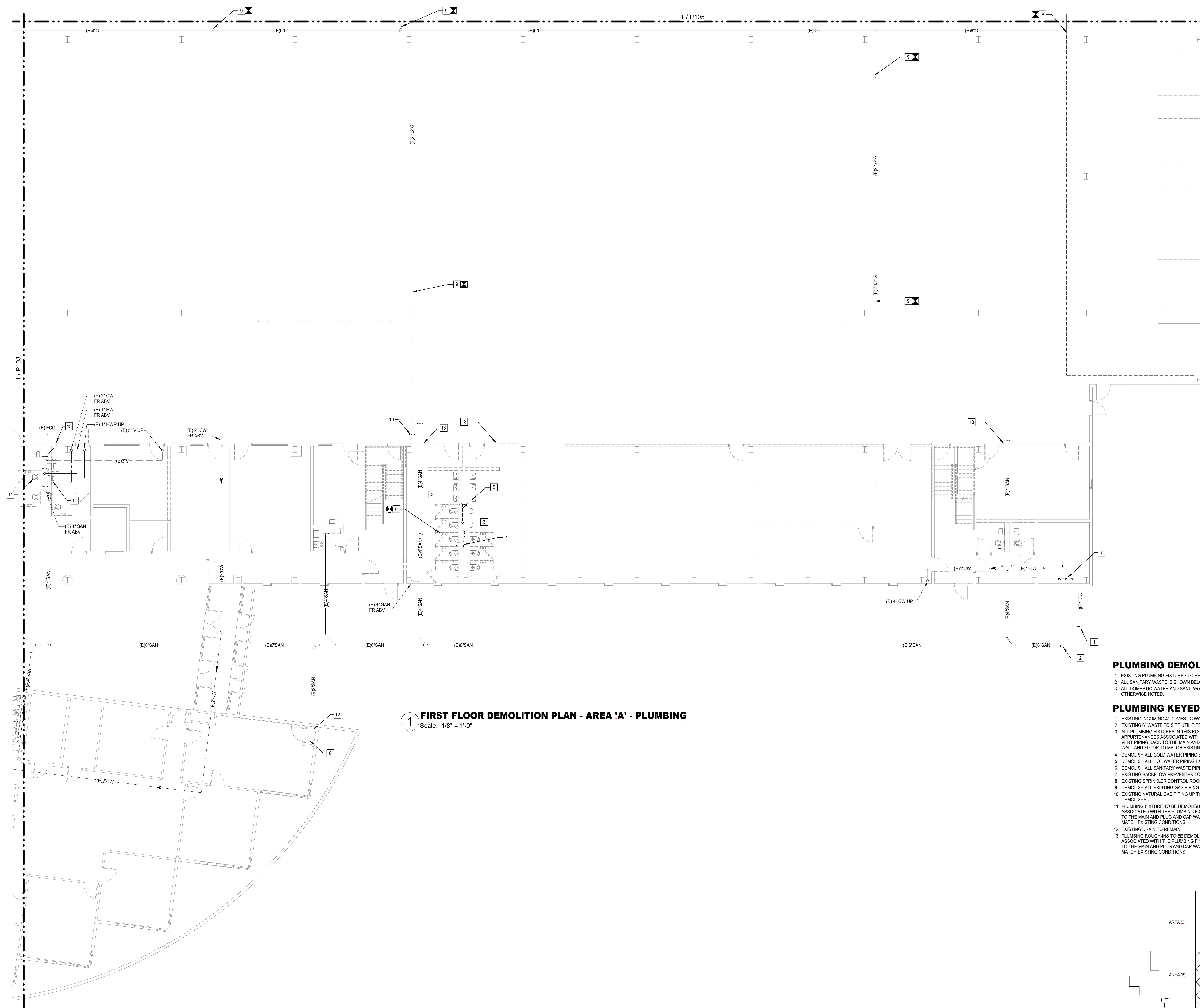
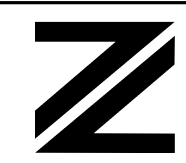
CONSTRUCTION DOCUMENTS

© by ZMM, INC.

**FIRST FLOOR  
DEMOLITION PLAN -  
AERA 'A' - PLUMBING**

DRAWN  <b>ARR</b>	CHECKED  <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

P102

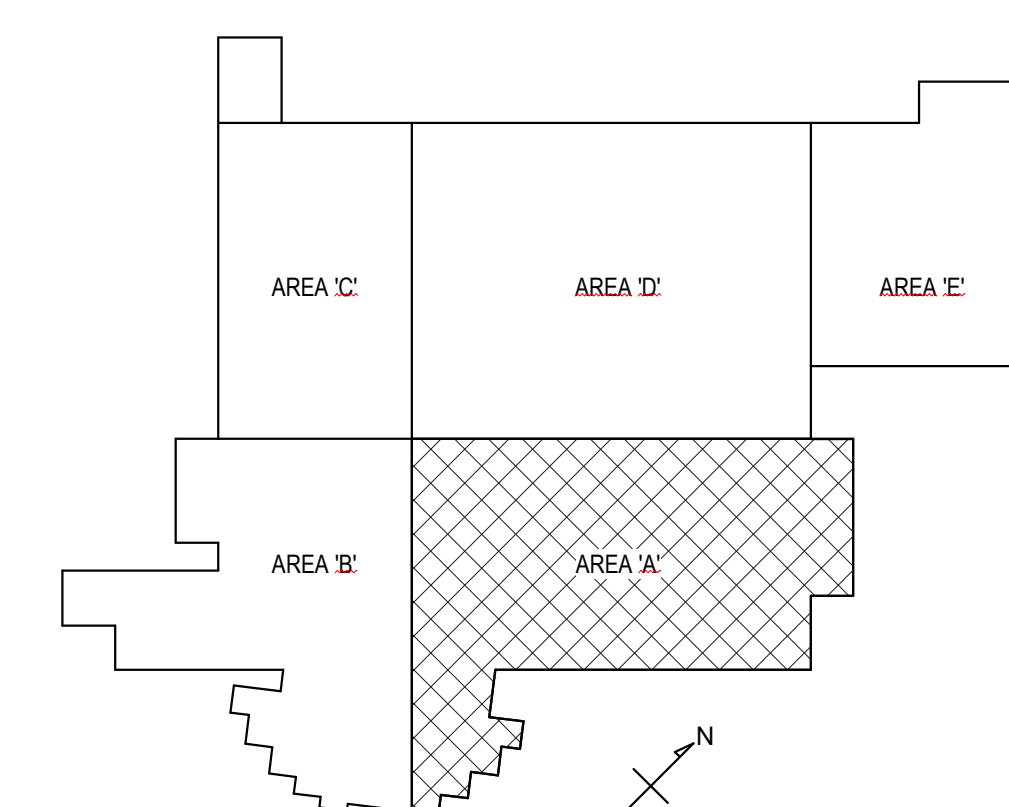


## PLUMBING DEMOLITION GENERAL NOTES

- 1 EXISTING PLUMBING FIXTURES TO REMAIN UNLESS OTHERWISE NOTED.  
2 ALL SANITARY WASTE IS SHOWN BELOW FLOOR UNLESS OTHERWISE NOTED.  
3 ALL DOMESTIC WATER AND SANITARY VENT PIPING IS SHOWN ABOVE CEILING UNLESS OTHERWISE NOTED.

## PLUMBING KEYED NOTES ☐

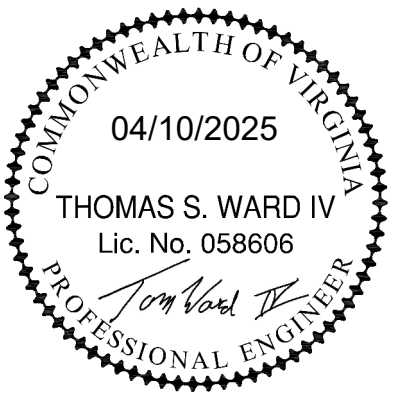
- 1 EXISTING INCOMING 4" DOMESTIC WATER
- 2 EXISTING 6" WASTE TO SITE UTILITIES.
- 3 ALL PLUMBING FIXTURES IN THIS ROOM TO BE DEMOLISHED. REMOVE ALL PIPING, AND APPURTENANCES ASSOCIATED WITH THE PLUMBING FIXTURES. PLUG AND CAP WATER AND VENT PIPING BACK TO THE MAIN AND CAP WASTE PIPE BELOW FLOOR. PATCH WALL AND FLOOR TO MATCH EXISTING CONDITIONS.
- 4 DEMOLISH ALL COLD WATER PIPING BACK TO FLOOR ABOVE.
- 5 DEMOLISH ALL HOT WATER PIPING BACK TO FLOOR ABOVE.
- 6 DEMOLISH ALL SANITARY VENT PIPING BACK TO THIS POINT.
- 7 EXISTING BACKFLOW PREVENTER TO REMAIN.
- 8 EXISTING SPRINKLER CONTROL ROOM TO REMAIN.
- 9 DEMOLISH ALL EXISTING GAS PIPING BACK TO THIS POINT AND CAP PIPING AT THIS POINT.
- 10 EXISTING NATURAL GAS PIPING UP TO SECOND FLOOR MECHANICAL ROOM TO BE DEMOLISHED.
- 11 PLUMBING FIXTURE TO BE DEMOLISHED. REMOVE ALL PIPING, AND APPURTENANCES ASSOCIATED WITH THE PLUMBING FIXTURES. PLUG AND CAP WATER AND VENT PIPING BACK TO THE MAIN AND PLUG AND CAP WASTE PIPE BELOW FLOOR. PATCH WALL AND FLOOR TO MATCH EXISTING CONDITIONS.
- 12 EXISTING DRAIN TO REMAIN.
- 13 PLUMBING ROUGH-INS TO BE DEMOLISHED. REMOVE ALL PIPING, AND APPURTENANCES ASSOCIATED WITH THE PLUMBING FIXTURES. PLUG AND CAP WATER AND VENT PIPING BACK TO THE MAIN AND PLUG AND CAP WASTE PIPE BELOW FLOOR. PATCH WALL AND FLOOR TO MATCH EXISTING CONDITIONS.



## KEY PLAN

NOT TO SCALE



[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

---

CONSTRUCTION DOCUMENTS

© by ZMM, INC.

**FIRST FLOOR  
DEMOLITION PLAN -  
AREA 'B' - PLUMBING**

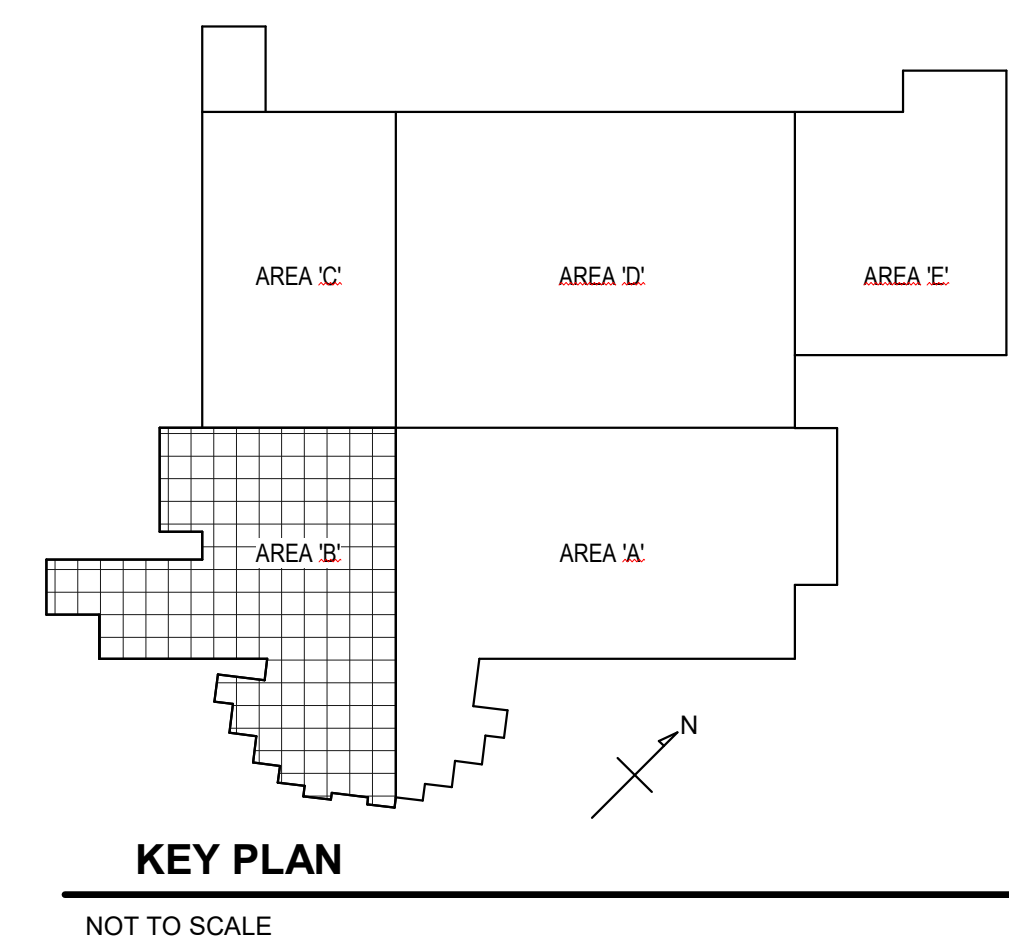
DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

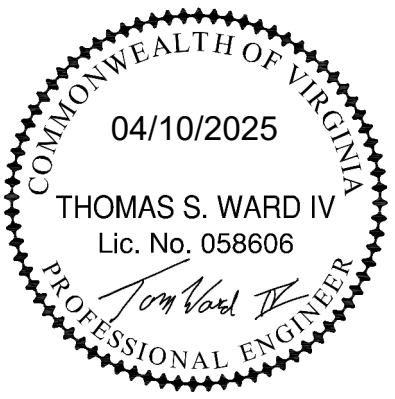
**P103**



1 EXISTING PLUMBING FIXTURES TO REMAIN UNLESS OTHERWISE NOTED.  
2 ALL SANITARY WASTE IS SHOWN BELOW FLOOR UNLESS OTHERWISE NOTED.  
3 ALL DOMESTIC WATER AND SANITARY VENT PIPING IS SHOWN ABOVE CEILING UNLESS OTHERWISE NOTED.

- 1 PLUMBING FIXTURE TO BE DEMOLISHED. REMOVE ALL PIPING, AND APPURTENANCES ASSOCIATED WITH THE PLUMBING FIXTURE. PLUG AND CAP WATER BACK TO THE MAIN AND PLUG AND CAP WASTE AND VENT PIPE IN CHASE. PATCH WALL AND FLOOR TO MATCH EXISTING CONDITIONS.
- 2 EXISTING FIXTURES TO REMAIN.
- 3 EXISTING WATER HEATER LOCATED IN CEILING TO REMAIN.
- 4 EXISTING GAS SERVICE TO KITCHEN NOT IN SCOPE. IT IS TO REMAIN.
- 5 DEMOLISH ALL EXISTING GAS PIPING BACK TO THIS POINT AND CAP PIPING AT THIS POINT.
- 6 PLUMBING FIXTURE TO BE DEMOLISHED. REMOVE ALL APPURTENANCES ASSOCIATED WITH THE PLUMBING FIXTURE. TEMPORARILY PLUG WASTE AND WATER PIPING AND PREPARE WALL FOR NEW FIXTURE.



[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

---

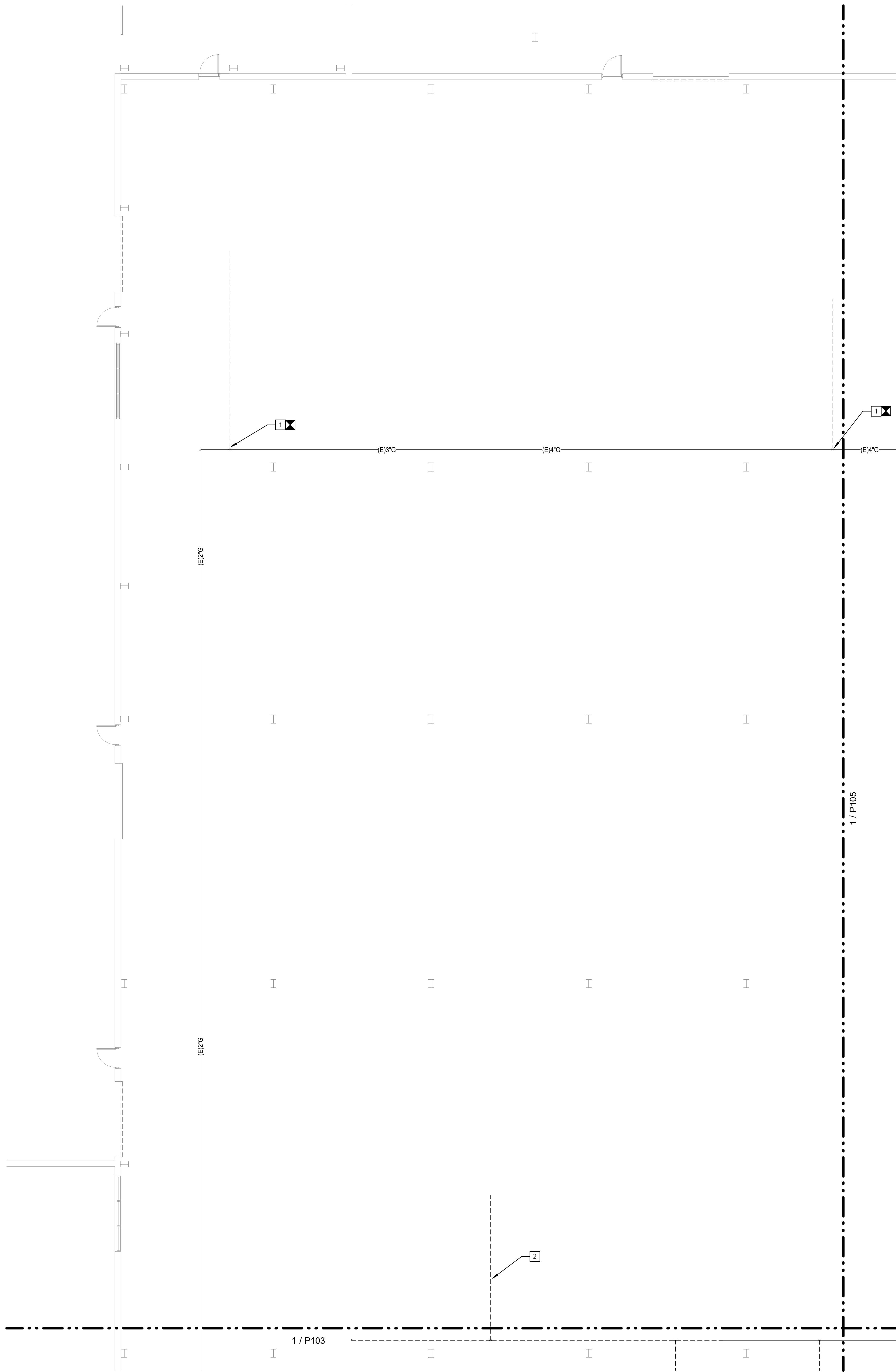
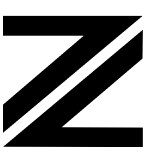
CONSTRUCTION DOCUMENTS

© by ZMM, INC.

**FIRST FLOOR  
DEMOLITION PLAN -  
AERA 'C' - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

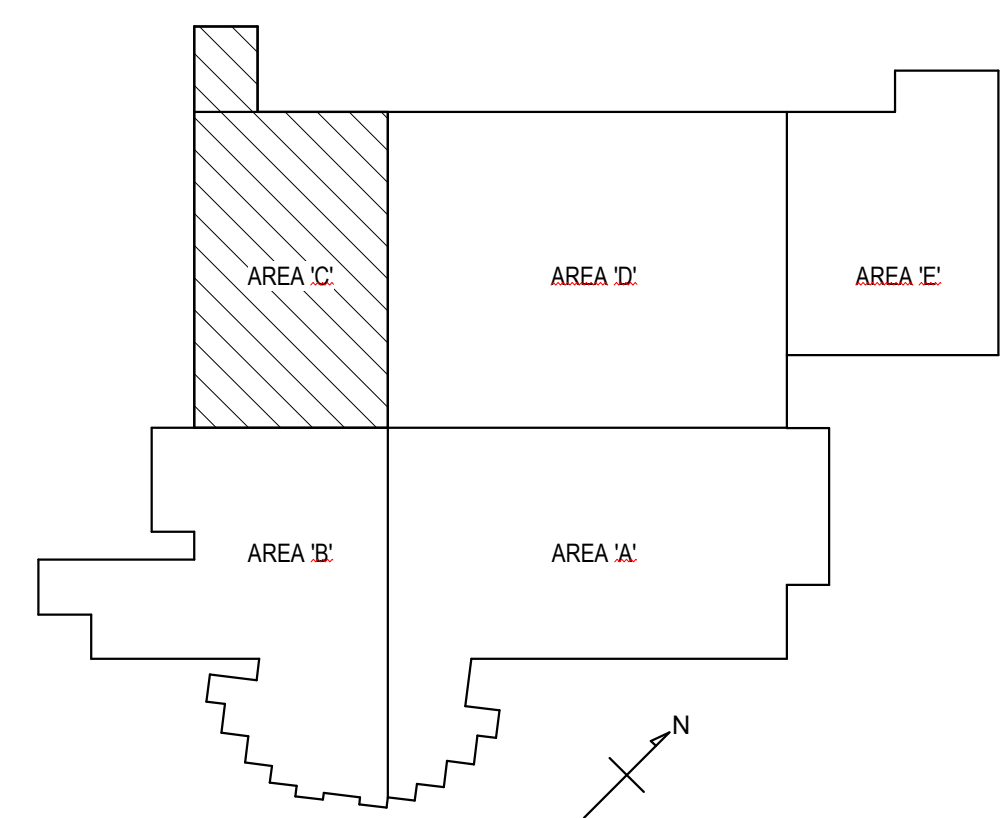
**P104**



**1 FIRST FLOOR DEMOLITION PLAN - AREA 'C' - PLUMBING**  
Scale: 1/8" = 1'-0"

## PLUMBING KEYED NOTES ☐

- 1 DEMOLISH ALL EXISTING GAS PIPING BACK TO THIS POINT AND CAP PIPING AT THIS POINT.
- 2 DEMOLISH ALL EXISTING GAS PIPING BACK POINT SHOWN ON SHEET P103.



**KEY PLAN**

NOT TO SCALE

[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION

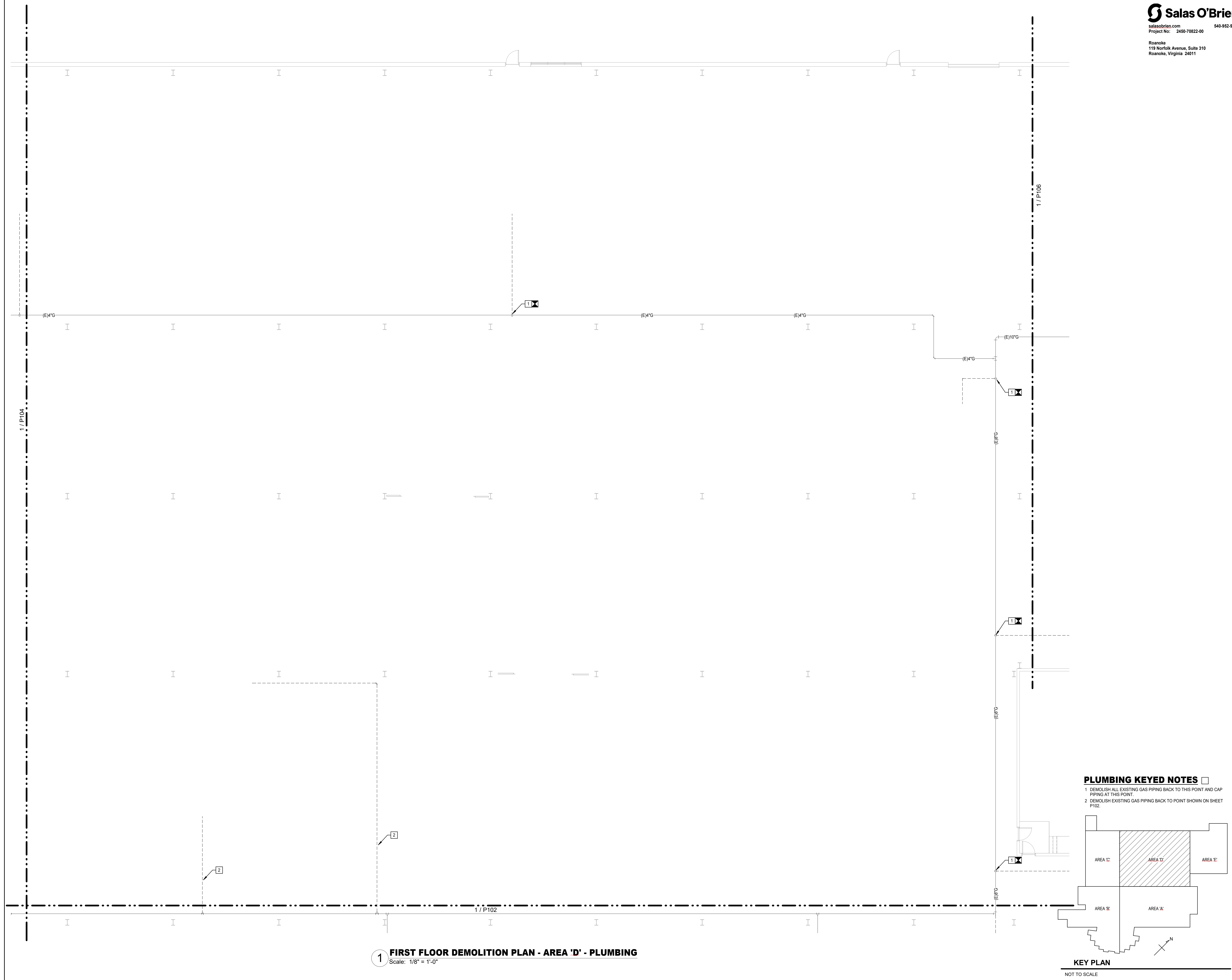
DUBLIN, VA

---

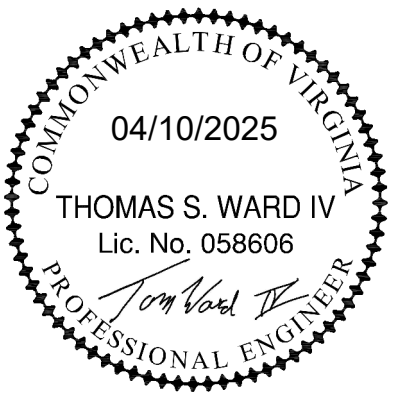
CONSTRUCTION DOCUMENTS

**FIRST FLOOR  
DEMOLITION PLAN -  
AERA 'D' - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060






[illegible]

<p>FACILITY RENOVATION</p> <p><b>PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER</b></p> <p>PULASKI COUNTY PARKS AND RECREATION</p> <p>DUBLIN, VA</p> <p>CONSTRUCTION DOCUMENTS</p>
--

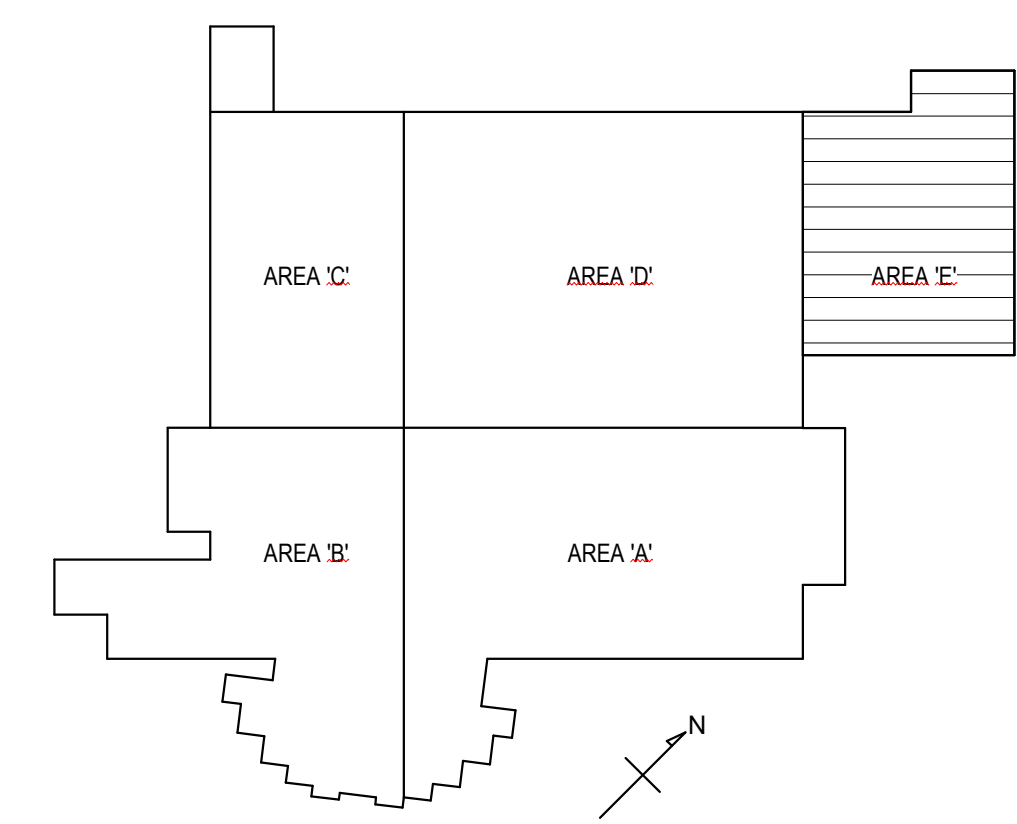
**FIRST FLOOR  
DEMOLITION PLAN -  
AERA 'E' - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060



**1 FIRST FLOOR DEMOLITION PLAN - AREA 'E' - PLUMBING**  
Scale: 1/8" = 1'-0"

- 1 EXISTING GAS METER AND LOW PRESSURE GAS REGULATOR TO REMAIN.
- 2 DEMOLISH ALL EXISTING GAS PIPING BACK TO THIS POINT AND CAP PIPING AT THIS POINT.
- 3 DEMOLISH EXISTING GAS PIPING BACK TO POINT SHOWN ON SHEET P105.



**KEY PLAN**

NOT TO SCALE

[illegible]

**FACILITY RENOVATION**

PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

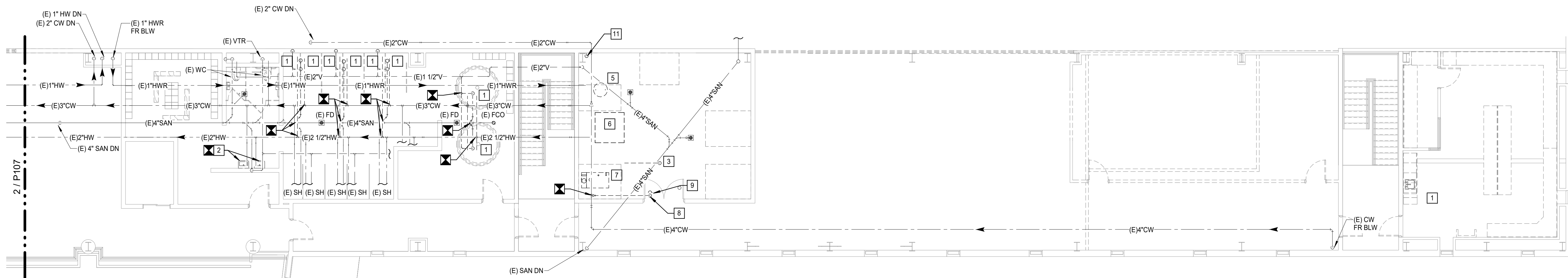
# CONSTRUCTION DOCUMENTS

© by ZMM, INC.

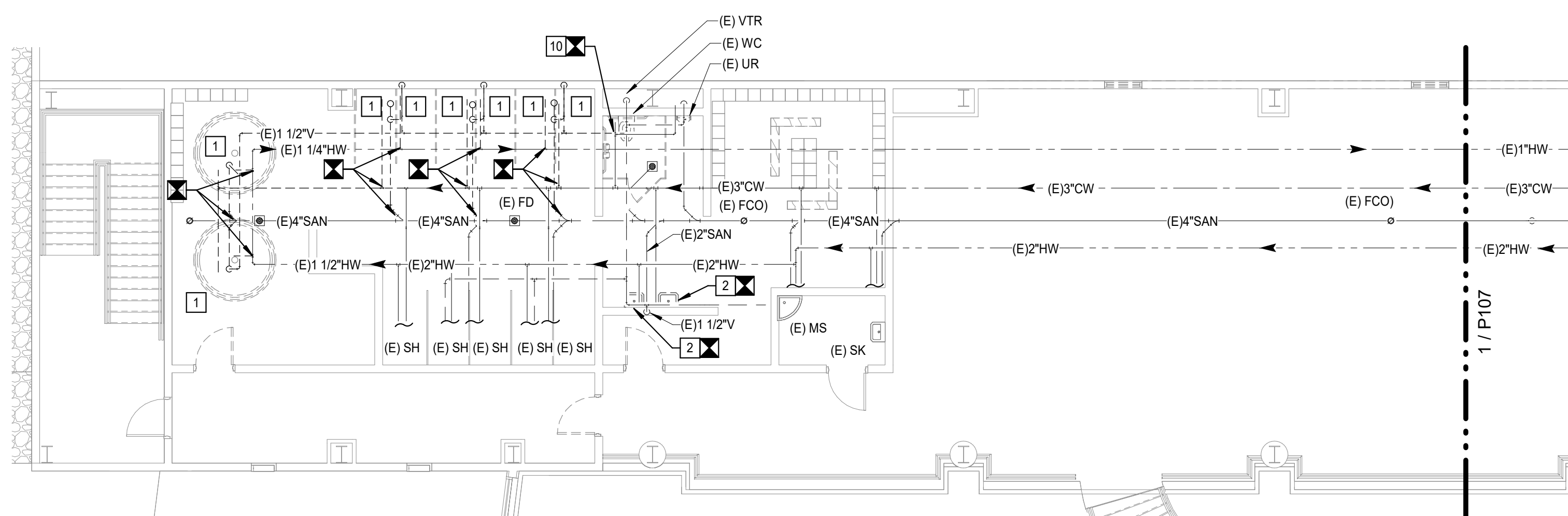
**SECOND FLOOR  
DEMOLITION PLAN -  
AREA 'A' & 'B' -  
PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

**P107**



**1 SECOND FLOOR DEMOLITION PLAN - AREA 'A' - PLUMBING**  
Scale: 1/8" = 1'-0"



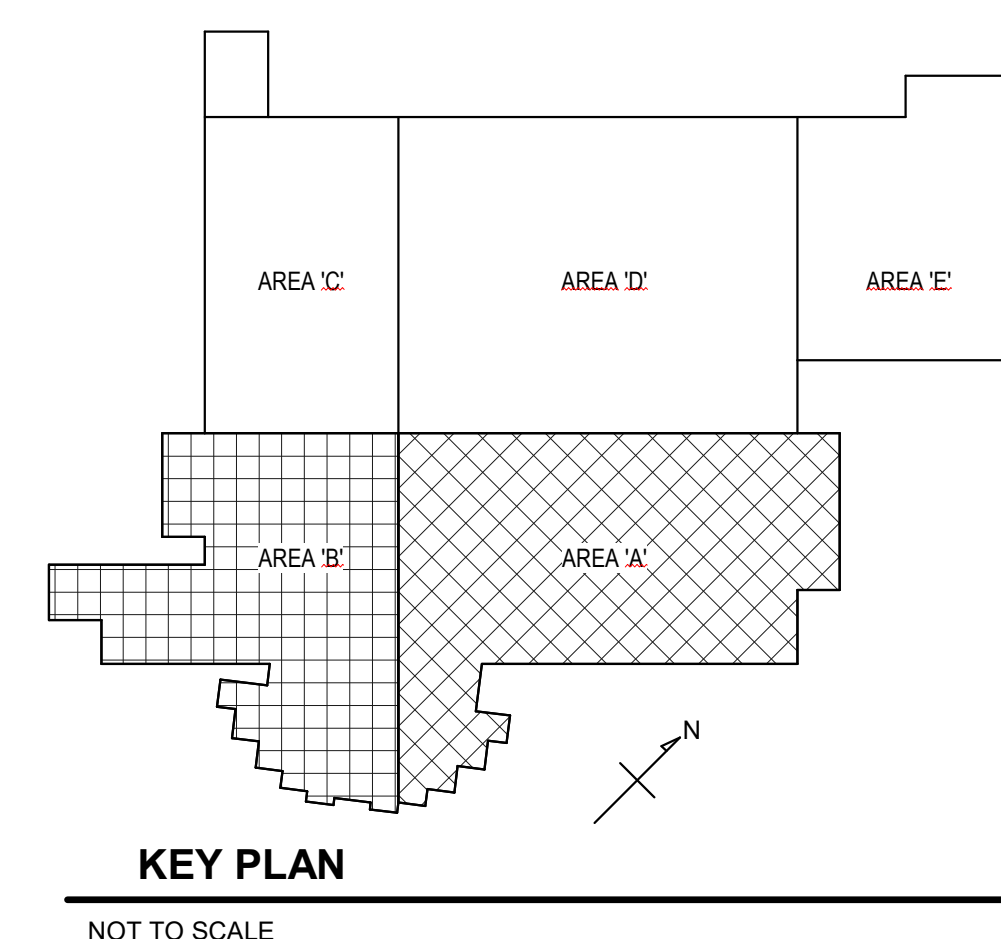
**2 SECOND FLOOR DEMOLITION PLAN - AREA 'B' - PLUMBING**  
Scale: 1/8" = 1'-0"

## PLUMBING DEMOLITION GENERAL NOTES

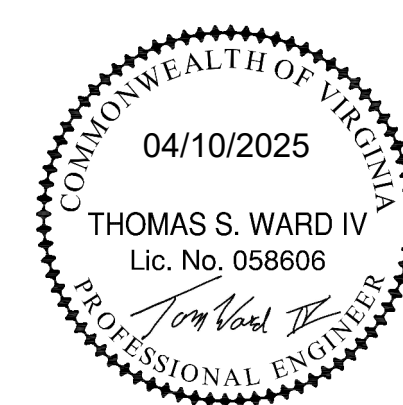
- 1 EXISTING PLUMBING FIXTURES TO REMAIN UNLESS OTHERWISE NOTED.  
2 ALL SANITARY WASTE IS SHOWN BELOW FLOOR UNLESS OTHERWISE NOTED.  
3 ALL DOMESTIC WATER AND SANITARY VENT PIPING IS SHOWN ABOVE CEILING UNLESS OTHERWISE NOTED.

## PLUMBING KEYED NOTES ☐

- 1 PLUMBING FIXTURE TO BE DEMOLISHED. REMOVE ALL PIPING, AND APPURTENANCES ASSOCIATED WITH THE PLUMBING FIXTURE. PLUG AND CAP WATER AND VENT PIPING BACK TO THE MAIN AND PLUG AND CAP WASTE PIPE BELOW FLOOR. PATCH WALL AND FLOOR TO MATCH EXISTING CONDITIONS.
- 2 PLUMBING FIXTURE TO BE DEMOLISHED. TEMPORARILY CAP EXISTING WATER, WASTE AND VENT SERVING PLUMBING FIXTURE AND PREPARE THE AREA FOR NEW PLUMBING FIXTURE. CONSIDER WATER BOILER TO BE DEMOLISHED AND REUSED. PROTECT BOILER DURING DEMOLITION PHASE. SEE PLUMBING PLANS FOR NEW LOCATION.
- 3 EXISTING HOT WATER PIPING TO BE DEMOLISHED. PATCH FLOOR TO MATCH EXISTING CONDITIONS.
- 4 EXISTING WATER HEATER TO BE REMOVED. REMOVE ALL PIPING, VENTING AND APPURTENANCES ASSOCIATED WITH THE WATER HEATER.
- 5 EXISTING STORAGE TANK TO BE RELOCATED AND REUSED. PROTECT TANK DURING DEMOLITION PHASE. SEE PLUMBING PLANS FOR NEW LOCATION.
- 6 EXISTING WATER BOILER TO BE DEMOLISHED AND REUSED. PROTECT BOILER DURING DEMOLITION PHASE. SEE PLUMBING PLANS FOR NEW LOCATION.
- 7 EXISTING GOLF WATER PIPING TO BE DEMOLISHED. PATCH FLOOR TO MATCH EXISTING CONDITIONS.
- 8 EXISTING VENT PIPING TO BE DEMOLISHED. PATCH FLOOR TO MATCH EXISTING CONDITIONS. EXISTING P-TRAP TO REMAIN FOR FUTURE USE.
- 9 DEMOLISH EXISTING VENT AND CAP AT THIS POINT.
- 10 EXISTING GAS TO BE DEMOLISHED.





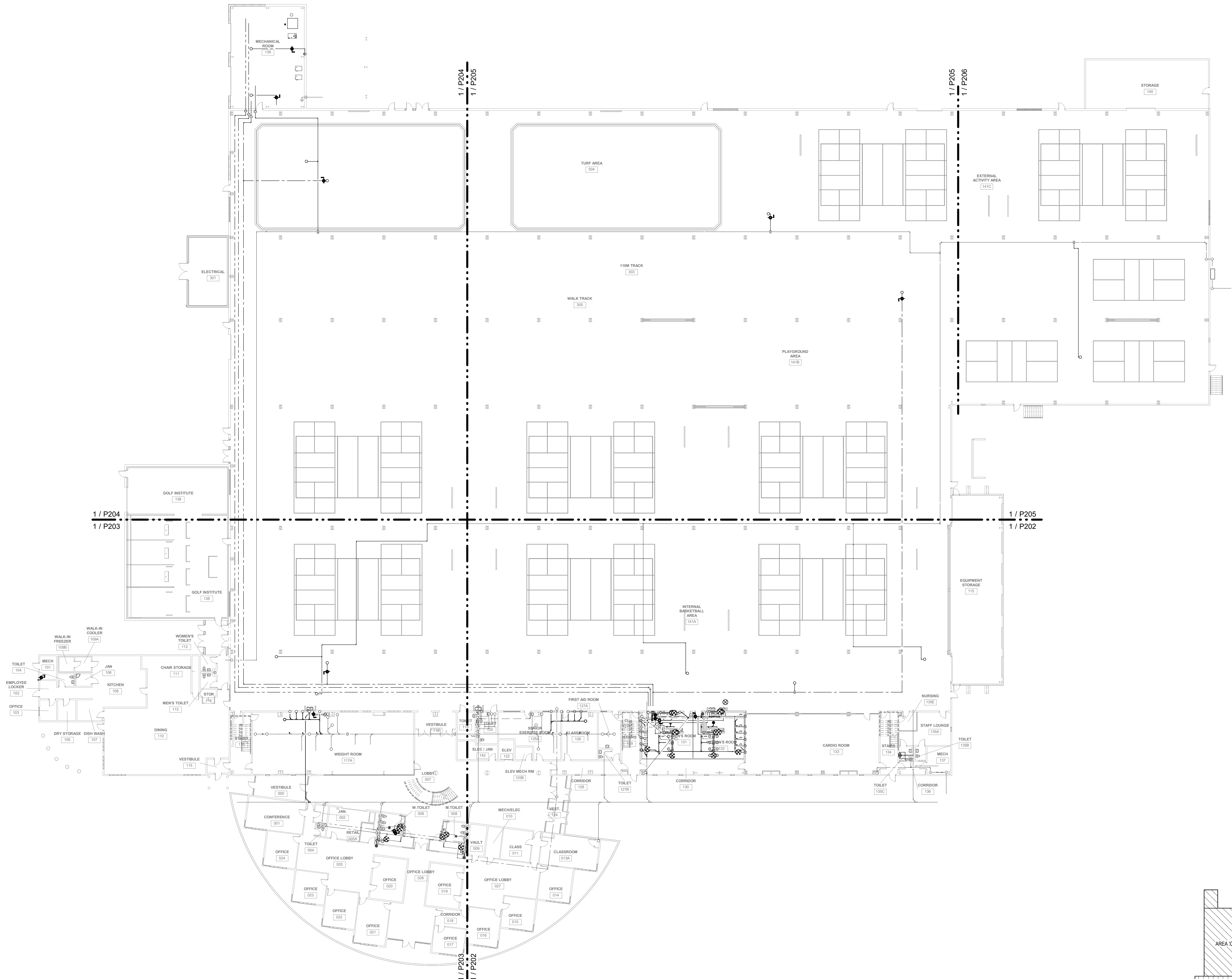
[illegible]

<p>FACILITY RENOVATION</p> <p><b>PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER</b></p> <p>PULASKI COUNTY PARKS AND RECREATION</p> <p>DUBLIN, VA</p>	<p>CONSTRUCTION DOCUMENTS</p>
--	-------------------------------

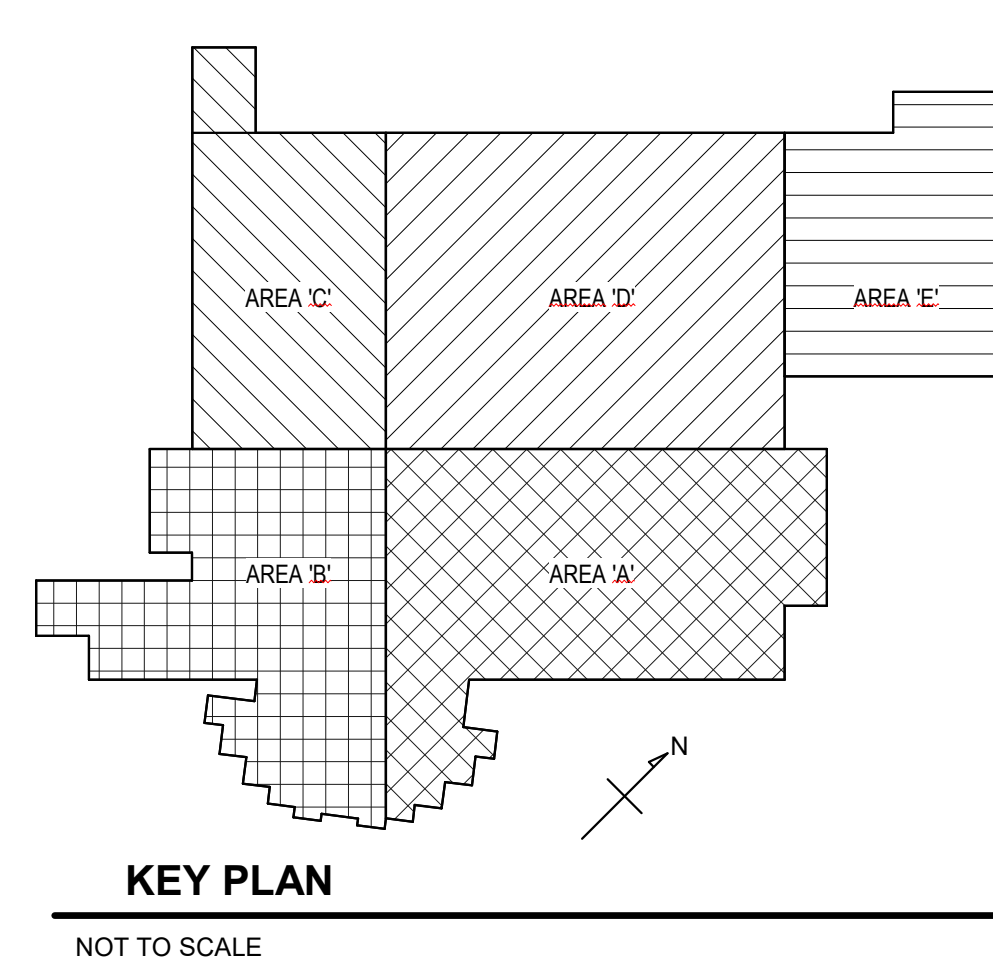
**FIRST FLOOR PLAN -  
OVERALL - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

P201



**1 FIRST FLOOR PLAN - OVERALL - PLUMBING**  
Scale: 1" = 20'-0"



**KEY PLAN**  
NOT TO SCALE

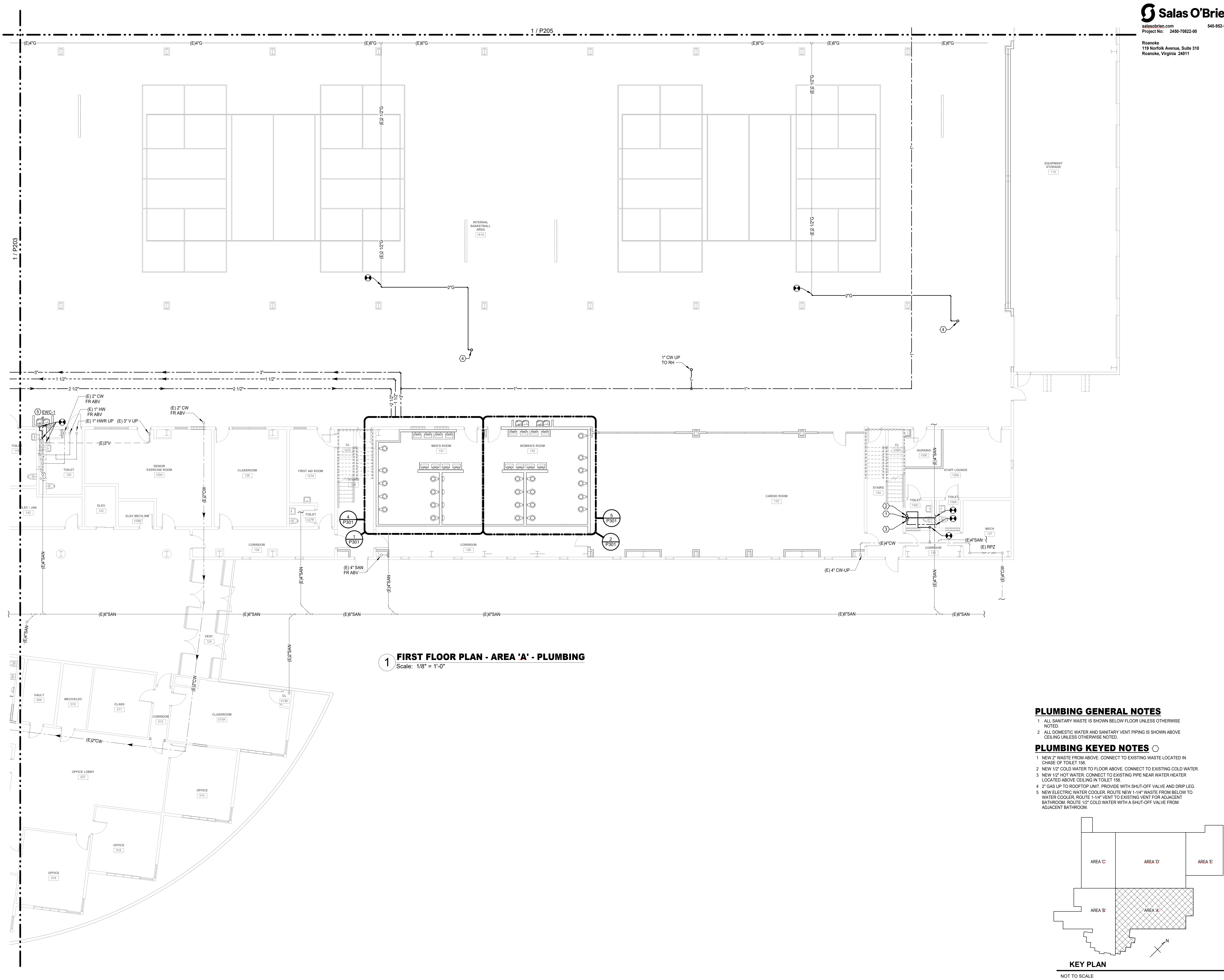
[illegible]

<p>FACILITY RENOVATION</p> <p><b>PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER</b></p> <p>PULASKI COUNTY PARKS AND RECREATION</p> <p>DUBLIN, VA</p>	<p>CONSTRUCTION DOCUMENTS</p>
--	-------------------------------

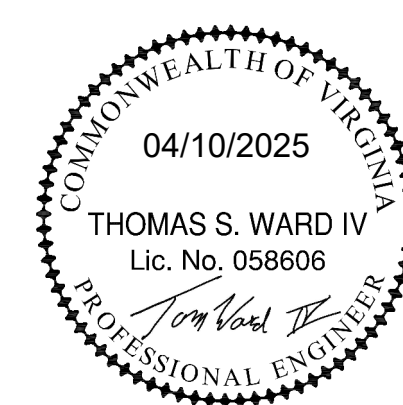
© by ZMM, INC.

**FIRST FLOOR PLAN -  
AREA 'A' - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

P202 



[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

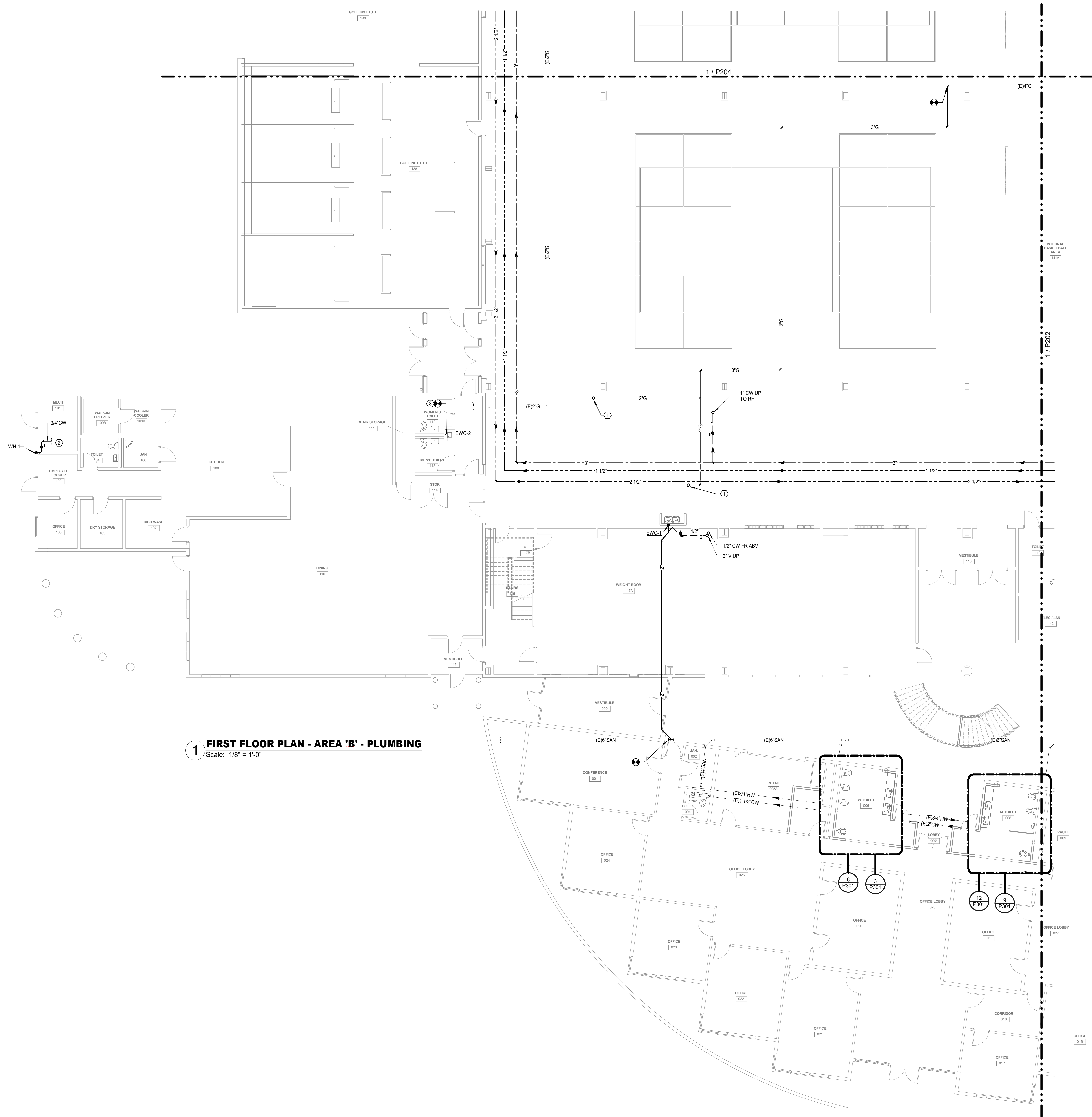
PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

CONSTRUCTION DOCUMENTS

**FIRST FLOOR PLAN -  
AREA 'B' - PLUMBING**

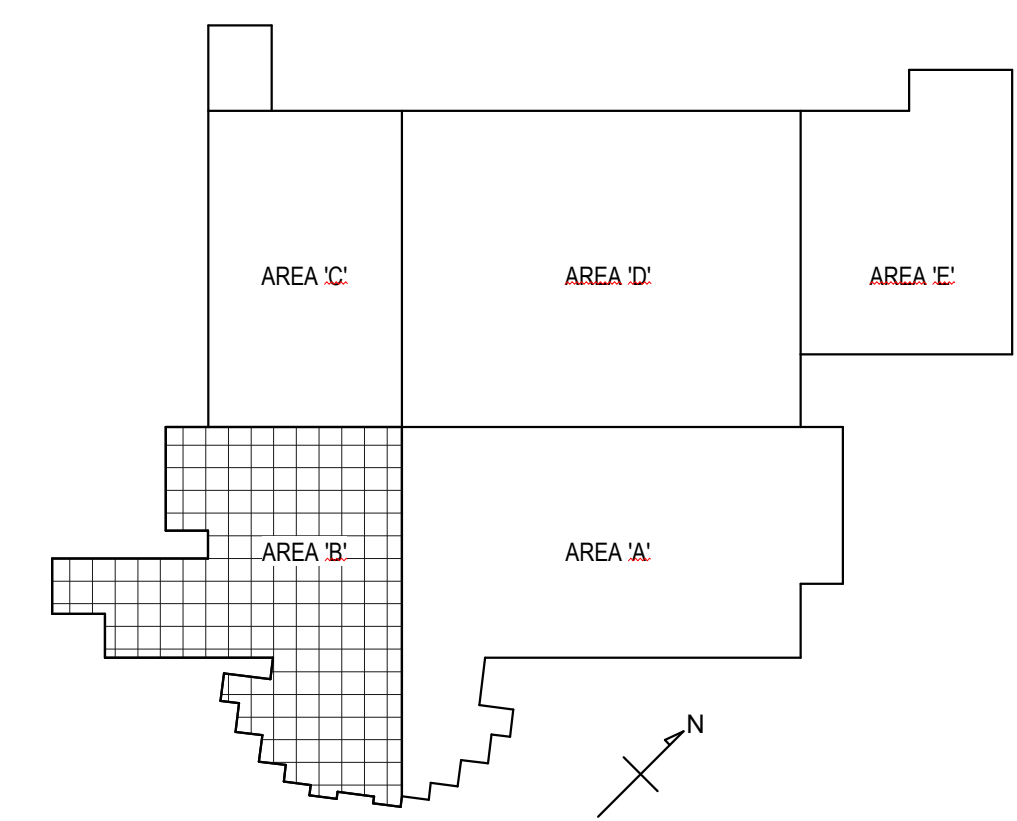
DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

P203 

1 ALL SANITARY WASTE IS SHOWN BELOW FLOOR UNLESS OTHERWISE NOTED.

2 ALL DOMESTIC WATER AND SANITARY VENT PIPING IS SHOWN ABOVE CEILING UNLESS OTHERWISE NOTED.

- 1 1" GAS UP TO ROOFTOP UNIT. PROVIDE WITH SHUT-OFF VALVE AND DRIP LEG.
- 2 3/4" COLD WATER. CONNECT TO EXISTING COLD WATER SERVING KITCHEN. FIELD VERIFY EXACT LOCATION OF EXISTING WATER PIPING.
- 3 CONNECT TO EXISTING WASTE AND WATER.



**KEY PLAN**

---

NOT TO SCALE

[illegible]

**FACILITY RENOVATION**

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

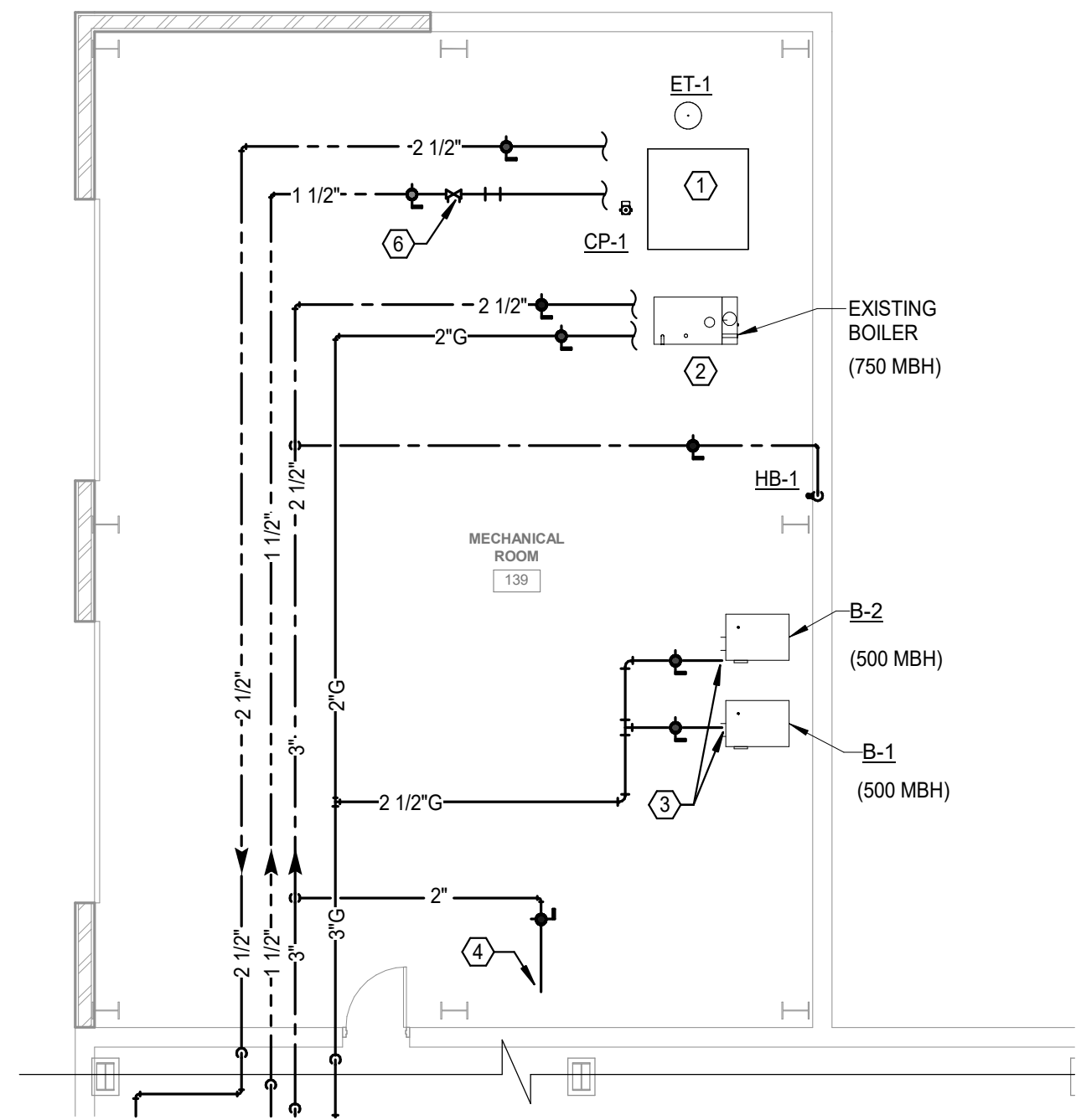
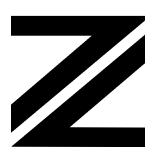
PULASKI COUNTY PARKS AND RECREATION  
DUBLIN, VA

# CONSTRUCTION DOCUMENTS

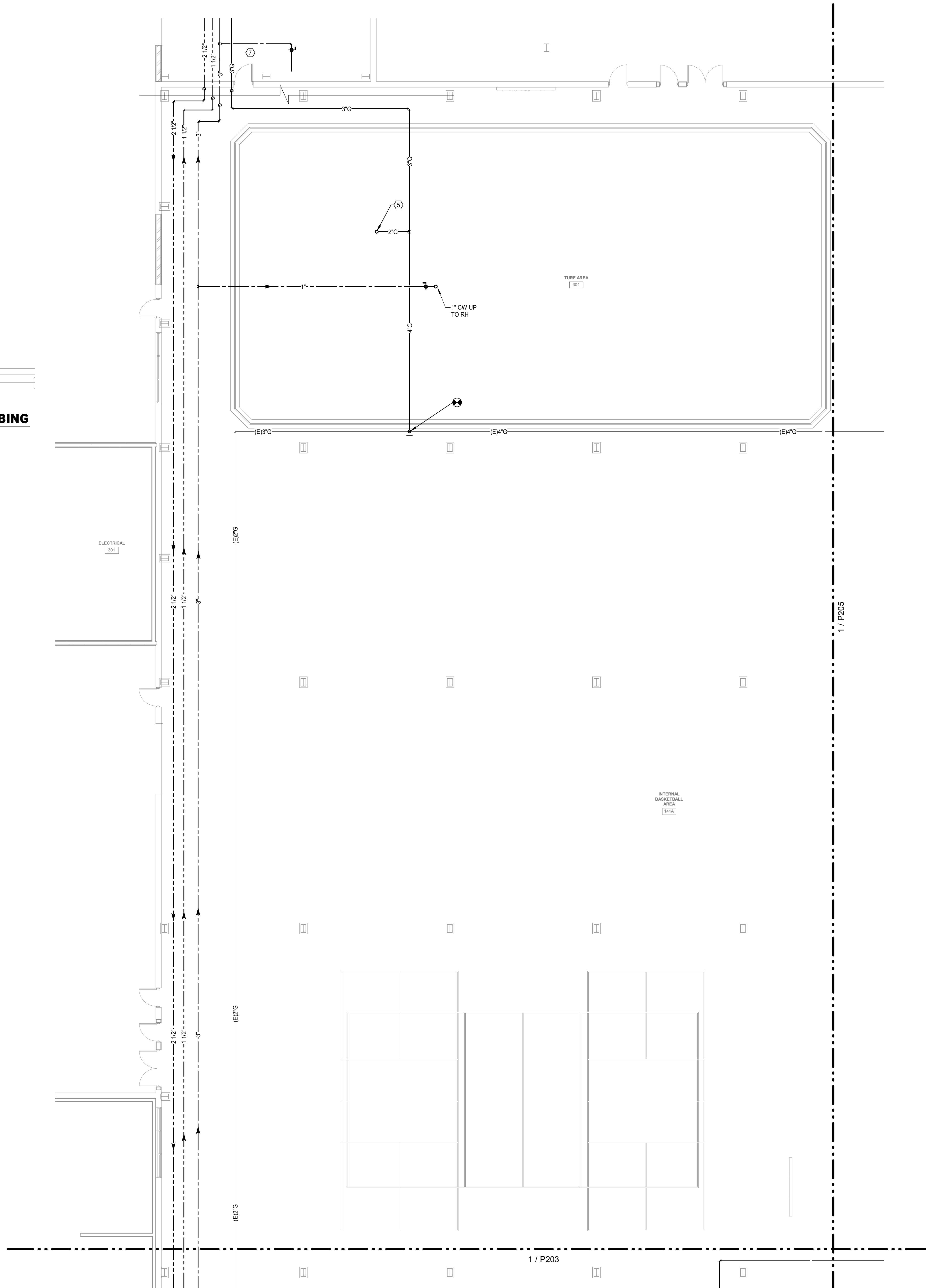
**FIRST FLOOR PLAN -  
AREA 'C' - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

**P204**



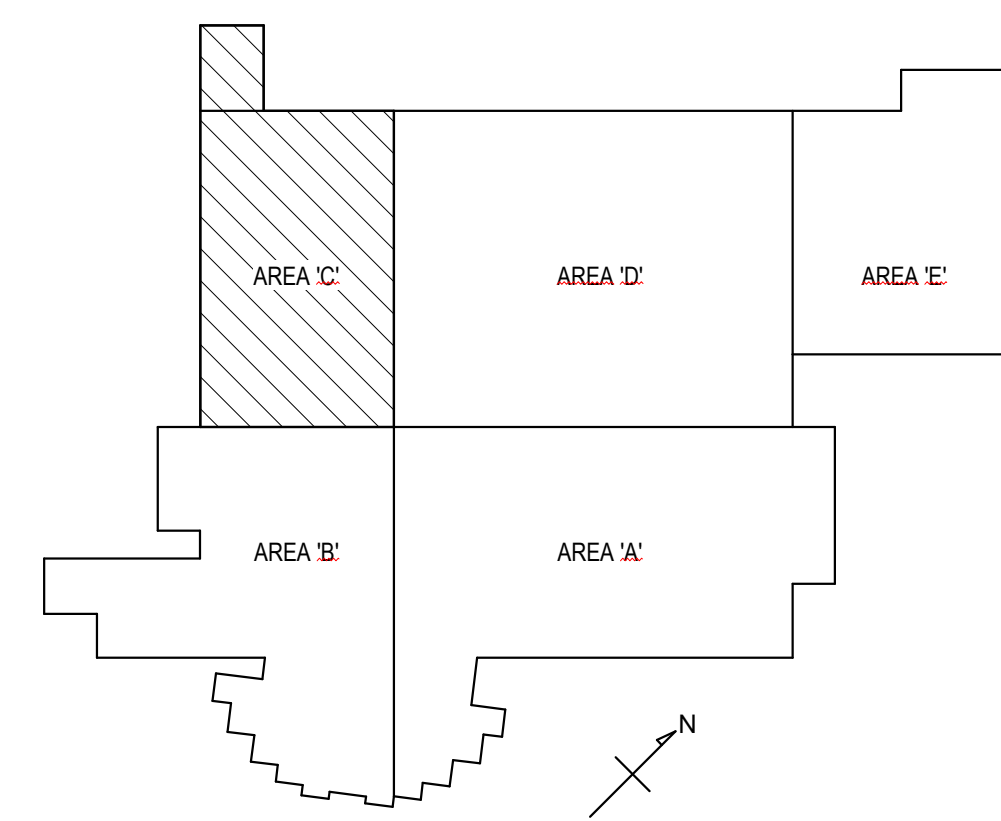
**2 FIRST FLOOR PLAN - MECHANICAL ROOM 139 - PLUMBING**  
Scale: 1/8" = 1'-0"



**1 FIRST FLOOR PLAN - AREA 'C' - PLUMBING**  
Scale: 1/8" = 1'-0"

- 1 ALL SANITARY WASTE IS SHOWN BELOW FLOOR UNLESS OTHERWISE NOTED.
- 2 ALL DOMESTIC WATER AND SANITARY VENT PIPING IS SHOWN ABOVE CEILING UNLESS OTHERWISE NOTED.

- 1 RELOCATED HOT WATER STORAGE TANK. PROVIDE WITH NEW EQUIPMENT PAD.
- 2 RELOCATED BOILER. PROVIDE NEW 2" GAS WITH A SHUT-OFF VALVE AND DRIPL LEG. ROUTE DRAIN FOR BOILER TO DISCHARGE OUTSIDE ON A SPLASH BLOCK. PROVIDE WITH NEW EQUIPMENT PAD.
- 3 2" GAS TO BOILER. PROVIDE WITH SHUT-OFF VALVE AND DRIPL LEG. SEE MECHANICAL DRAWINGS FOR SIZES.
- 4 2" COLD WATER FOR MAKEUP WATER. PROVIDE RPZ STYLE BACKFLOW PREVENTER. ROUTE DRAIN FOR RPZ TO DISCHARGE OUTSIDE ON A SPLASH BLOCK. PROVIDE WITH NEW EQUIPMENT PAD.
- 5 2" GAS UP TO ROOFTOP UNIT. PROVIDE WITH SHUT-OFF VALVE AND DRIPL LEG.
- 6 SET BALANCING VALVE TO 9.4 GPM.
- 7 SEE VIEW 2 ON THIS SHEET FOR WORK IN THIS AREA.



## KEY PLAN

NOT TO SCALE



[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

---

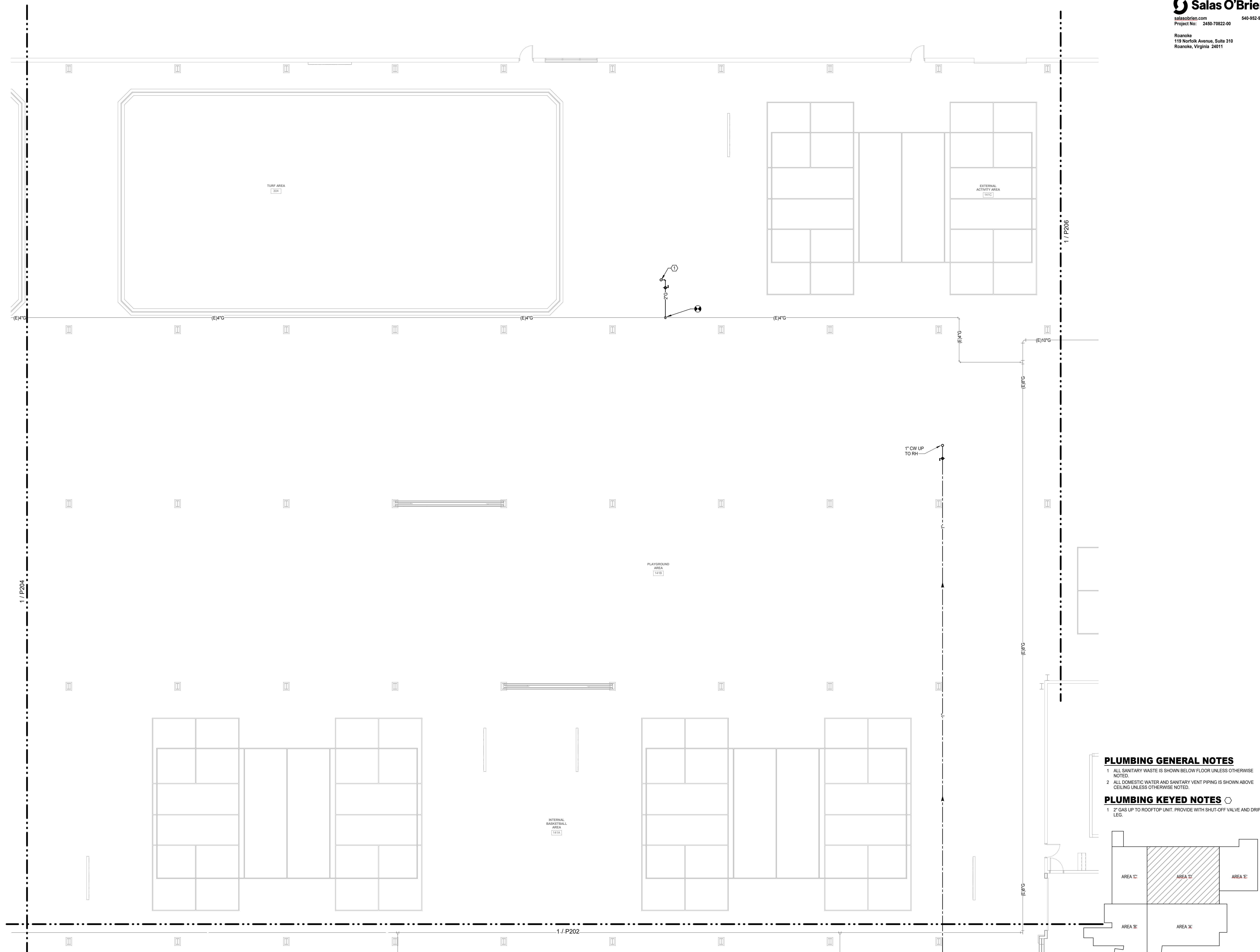
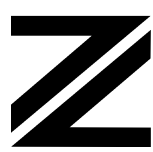
CONSTRUCTION DOCUMENTS

© by ZMM, INC.

**FIRST FLOOR PLAN -  
AREA 'D' - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

**P205**



**1 FIRST FLOOR PLAN - AREA 'D' - PLUMBING**  
Scale: 1/8" = 1'-0"

**KEY PLAN**  
NOT TO SCALE

NOT TO SCALE

[illegible]

**FACILITY RENOVATION**

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

**PULASKI COUNTY PARKS AND RECREATION**

**DUBLIN, VA**

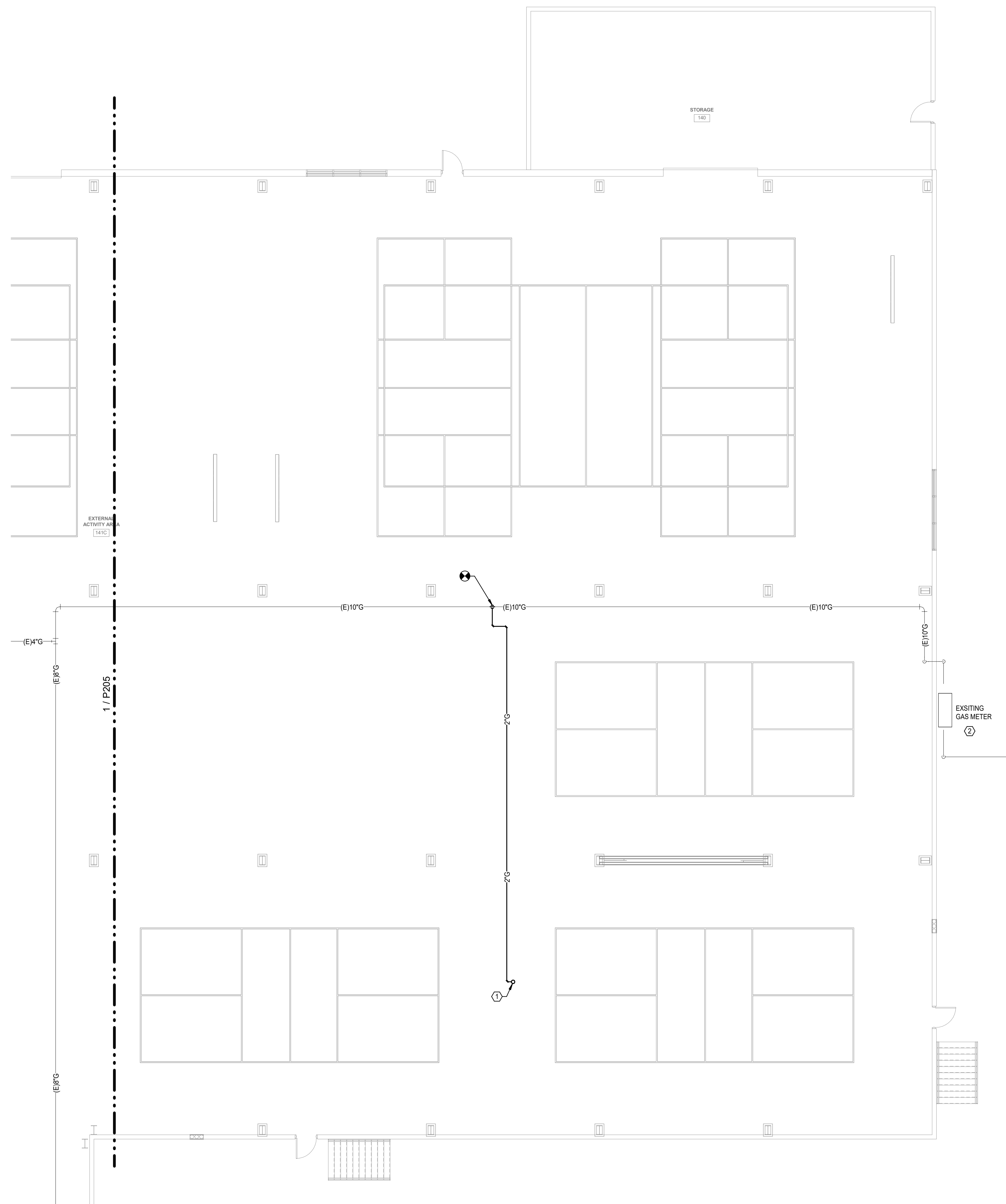
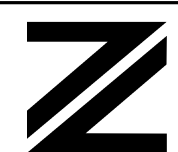
**CONSTRUCTION DOCUMENTS**

© by ZMM, INC.

**FIRST FLOOR PLAN -  
AREA 'E' - PLUMBING**

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

**P206**



**1 FIRST FLOOR PLAN - AREA 'E' - PLUMBING**  
Scale: 1/8" = 1'-0"

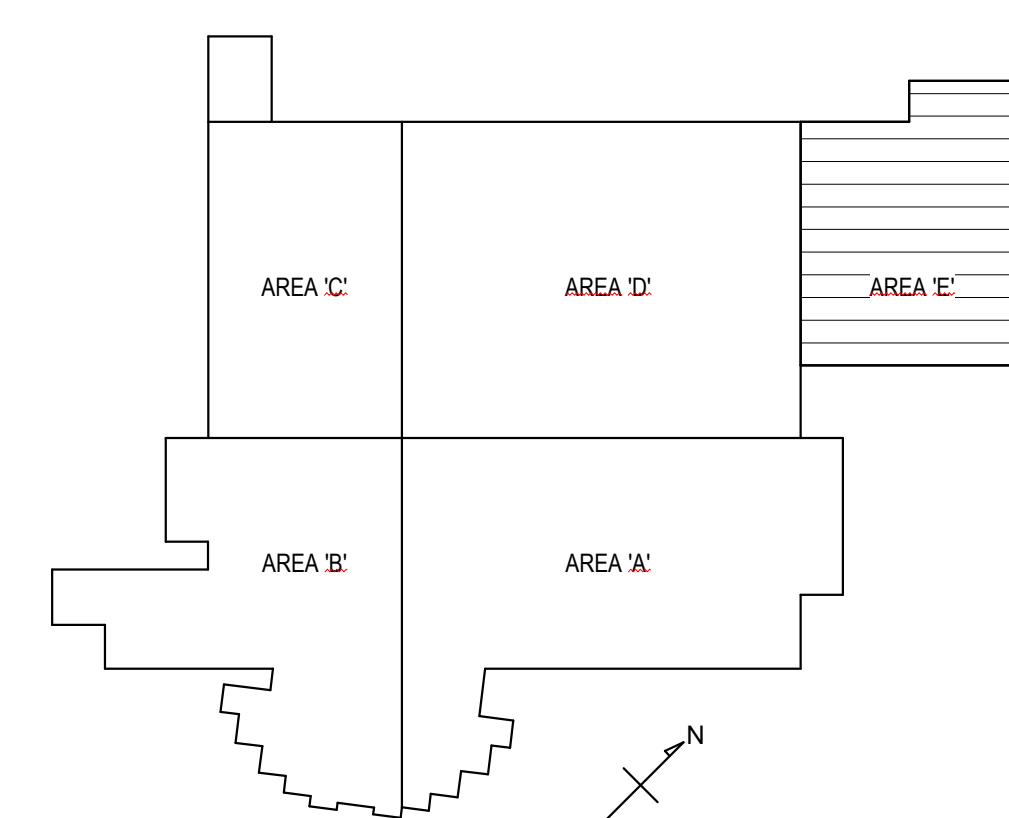
Scale: 1/8" = 1'-0"

## PLUMBING GENERAL NOTES

- 1 ALL SANITARY WASTE IS SHOWN BELOW FLOOR UNLESS OTHERWISE NOTED.
- 2 ALL DOMESTIC WATER AND SANITARY VENT PIPING IS SHOWN ABOVE CEILING UNLESS OTHERWISE NOTED.

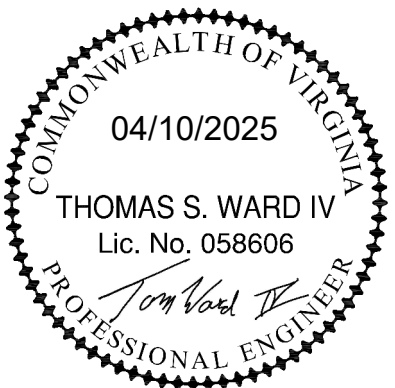
## PLUMBING KEYED NOTES

- 1 2" GAS UP TO ROOFTOP UNIT. PROVIDE WITH SHUT-OFF VALVE AND DRIP LEG.
- 2 SET EXISTING REGULATOR TO 10" W.C. AT 8750 MBH.



**KEY PLAN**  
NOT TO SCALE



[illegible]

**FACILITY RENOVATION**

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

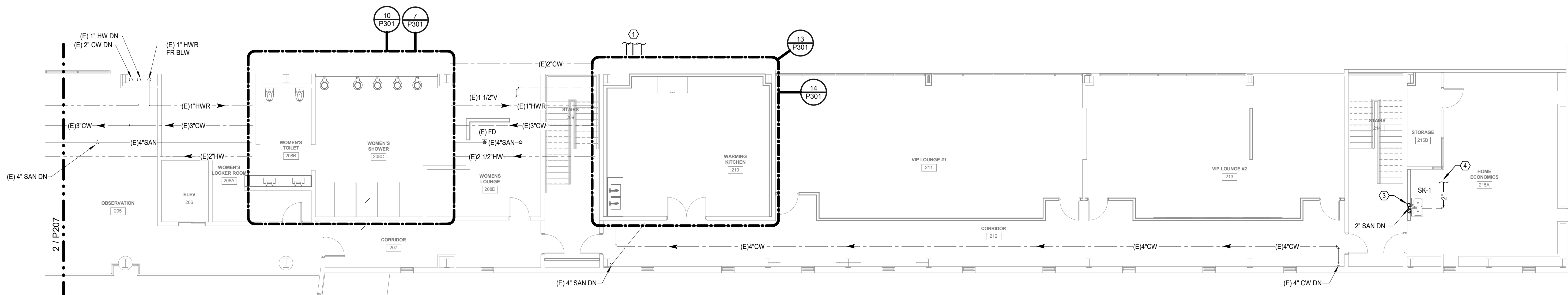
# CONSTRUCTION DOCUMENTS

© by ZMM, INC.

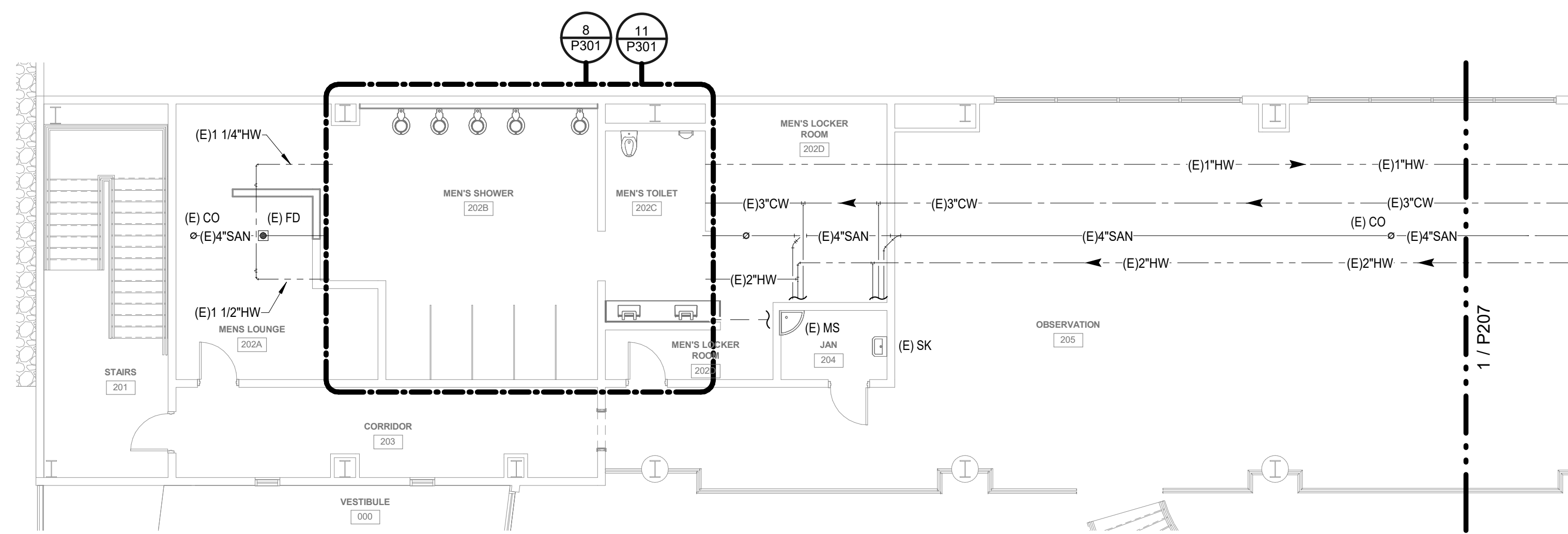
## SECOND FLOOR PLAN - AREA 'A' & 'B' - PLUMBING

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

**P207**



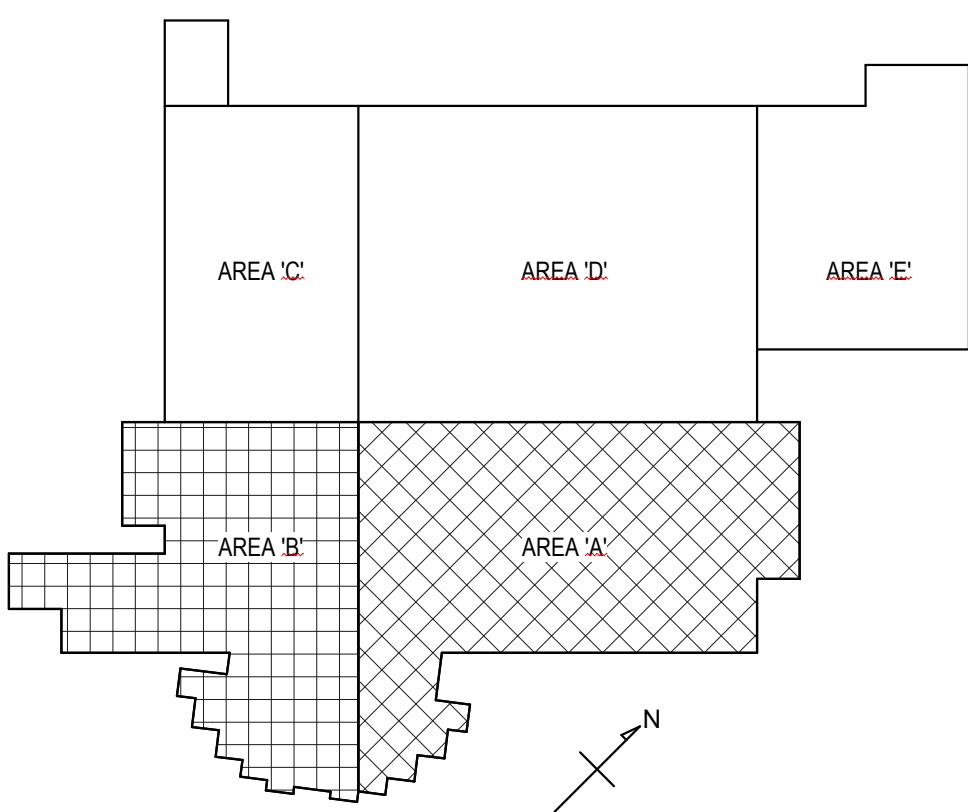
**1 SECOND FLOOR PLAN - AREA 'A' - PLUMBING**  
Scale: 1/8" = 1'-0"



**2 SECOND FLOOR PLAN - AREA 'B' - PLUMBING**  
Scale: 1/8" = 1'-0"

- 1 ALL SANITARY WASTE IS SHOWN BELOW FLOOR UNLESS OTHERWISE NOTED.
- 2 ALL DOMESTIC WATER AND SANITARY VENT PIPING IS SHOWN ABOVE CEILING UNLESS OTHERWISE NOTED.

- 1 NEW 3" COLD WATER, 2-1/2" HOT WATER AND 1-1/2" HOT WATER RETURN FROM BOILER. SEE FIRST FLOOR PLANS FOR CONTINUATION.
- 2 CONNECT TO EXISTING VTR.
- 3 1/2" HOT AND COLD WATER FROM FLOOR BELOW.
- 4 2" VENT TO EXISTING VTR. FIELD VERIFY EXACT LOCATION OF EXISTING VTR.



## KEY PLAN

NOT TO SCALE

[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION


DUBLIN, VA

---

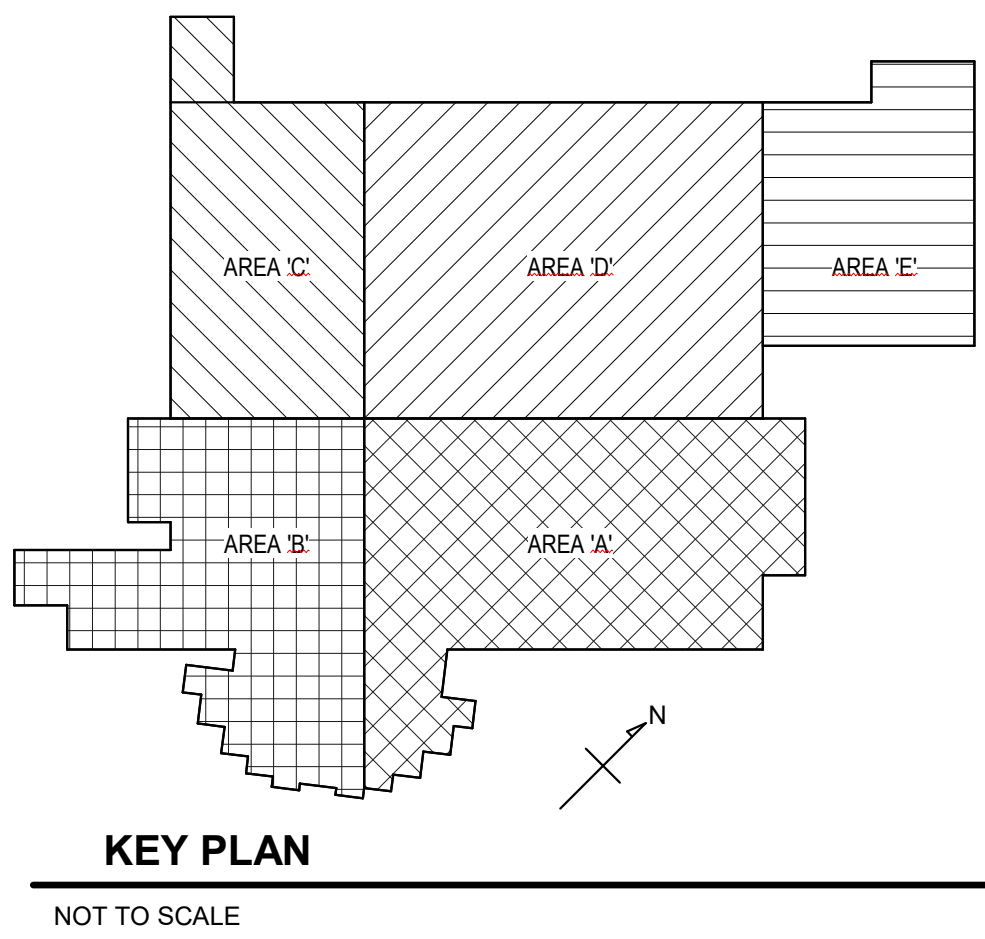
CONSTRUCTION DOCUMENTS

## ROOF PLAN - OVERALL - PLUMBING

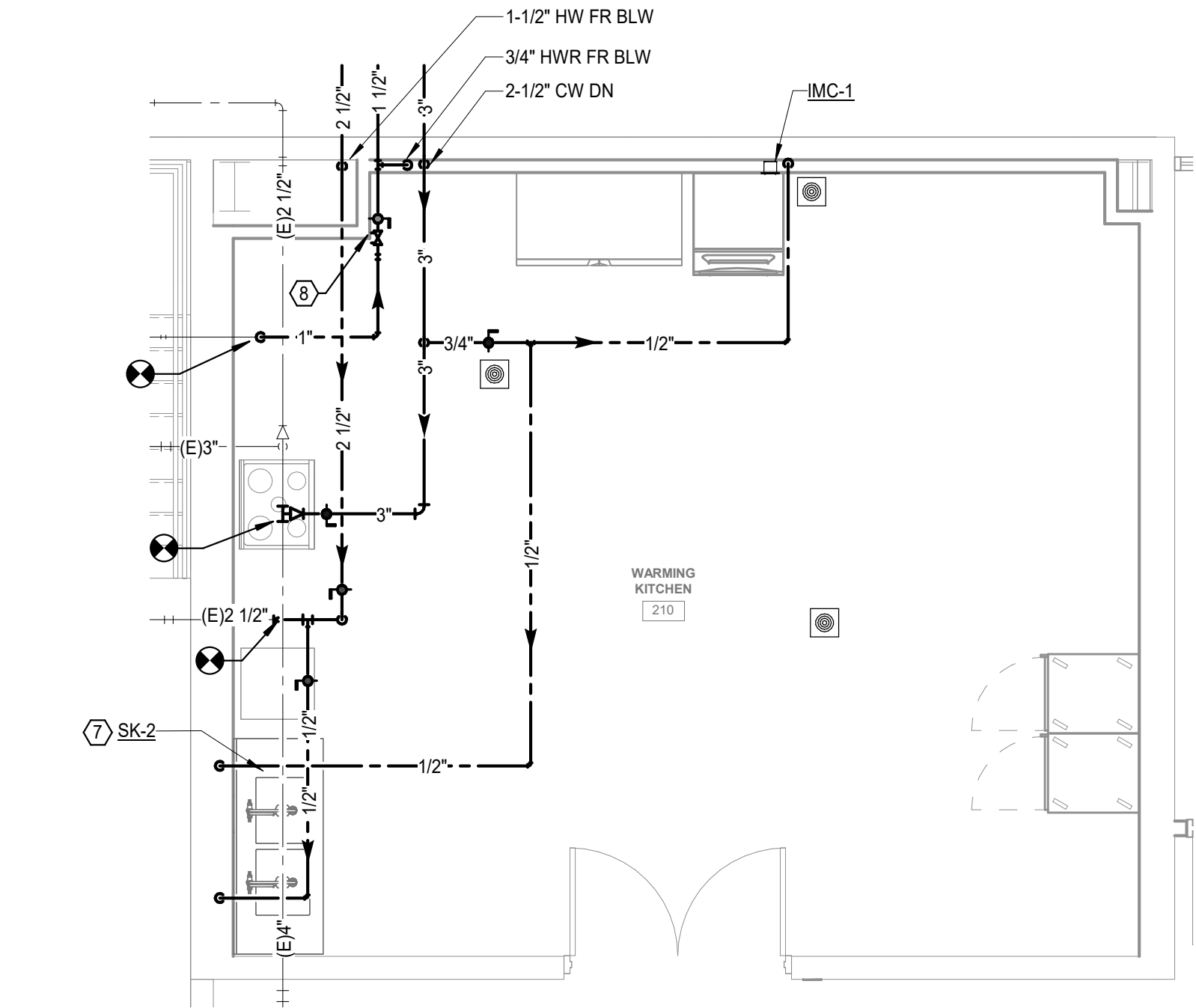
DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060



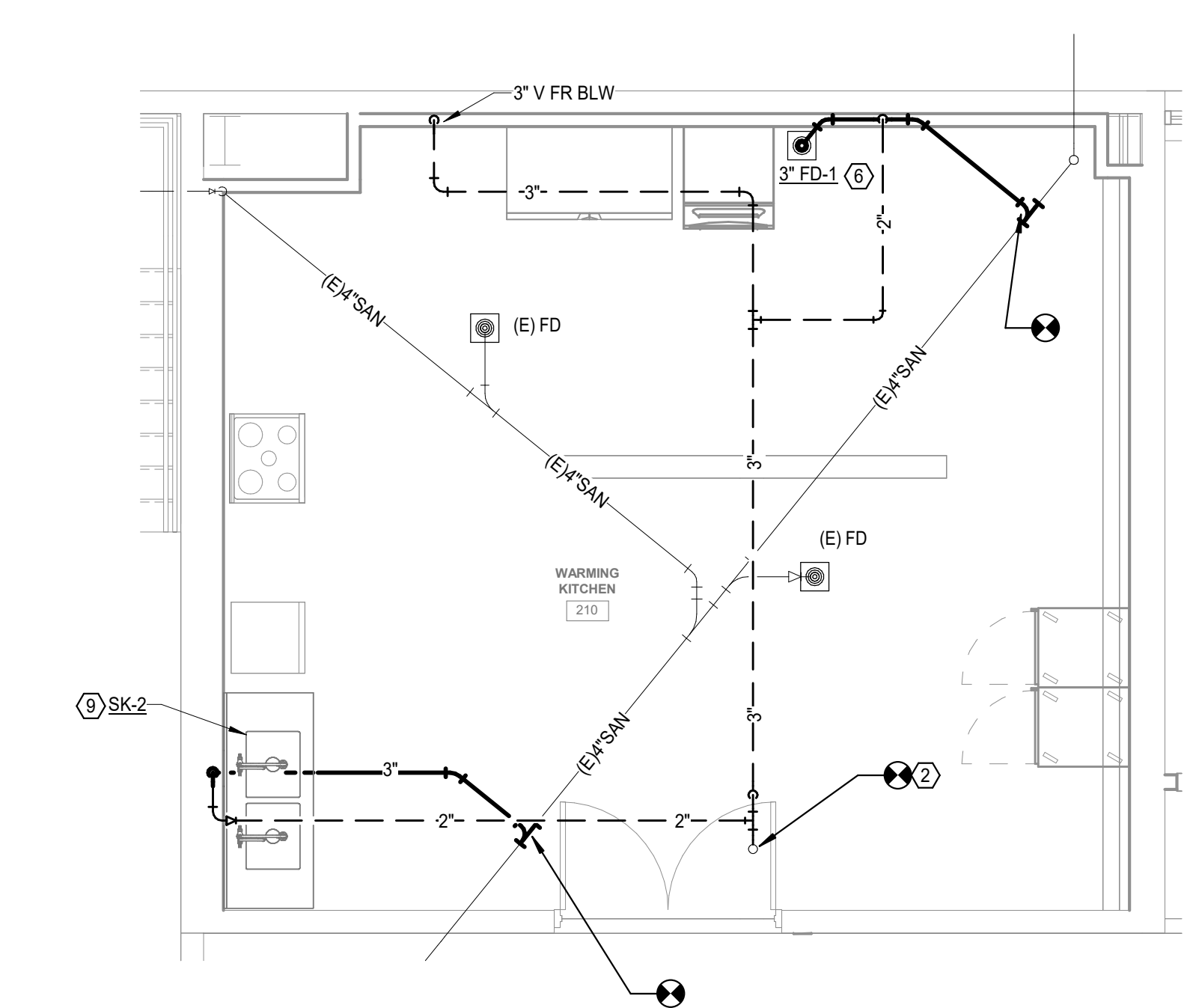
**1 ROOF PLAN - OVERALL - PLUMBING**  
Scale: 1" = 20'-0"



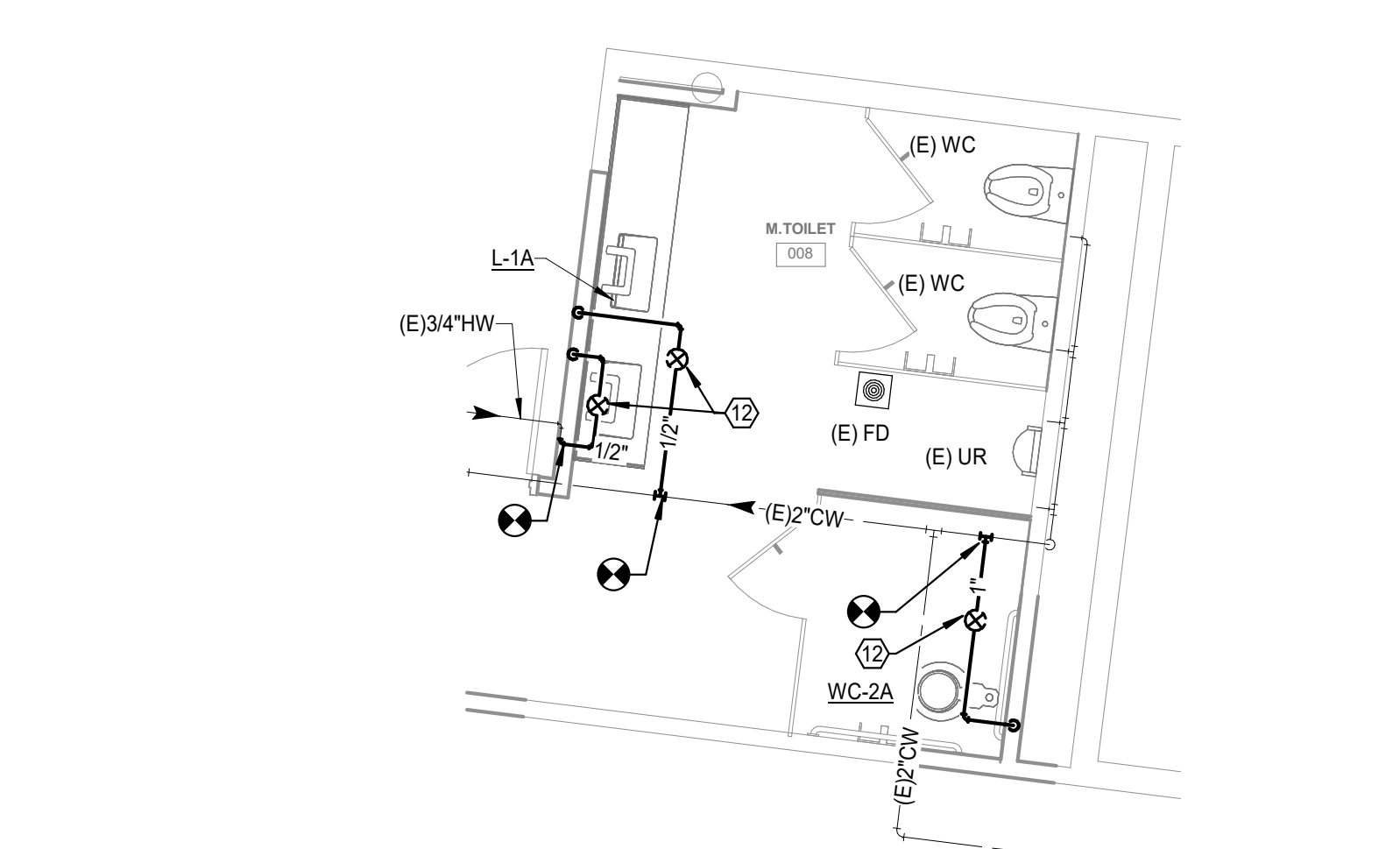




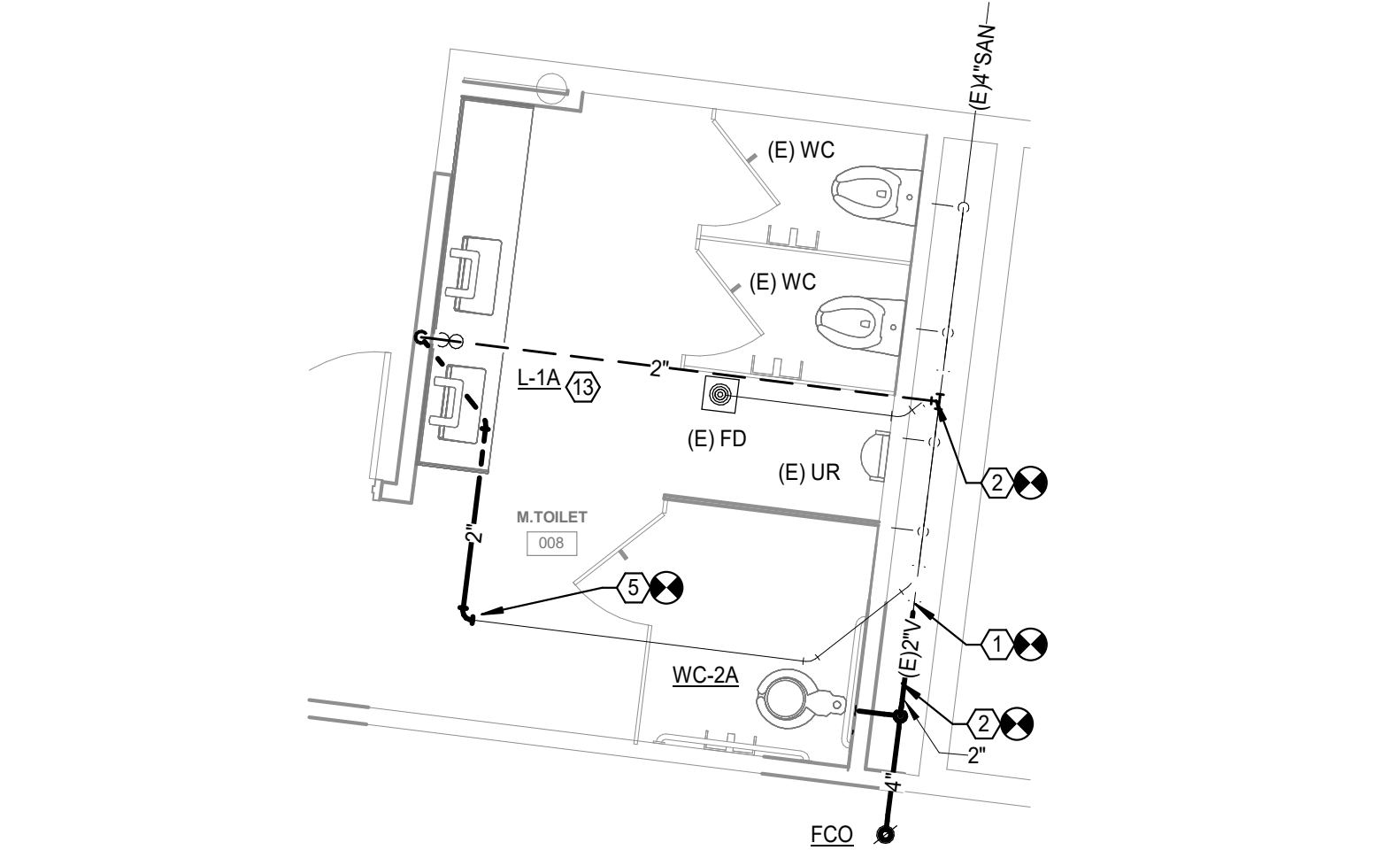
**14 ENLARGED SECOND FLOOR SUPPLY PLAN WARMING KITCHEN**  
Scale: 1/4" = 1'-0"



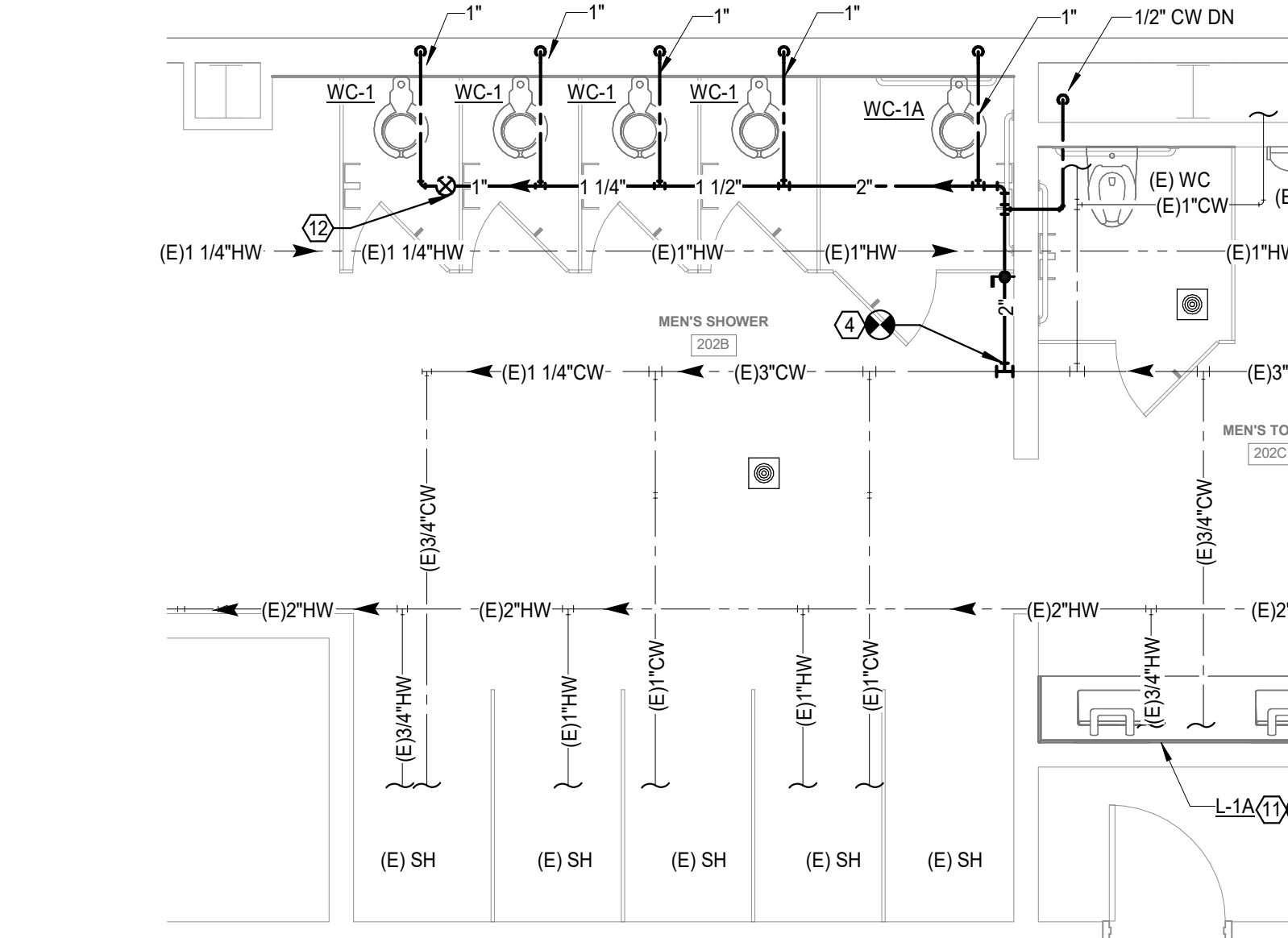
**13 ENLARGED SECOND FLOOR WASTE PLAN WARMING KITCHEN**  
Scale: 1/4" = 1'-0"



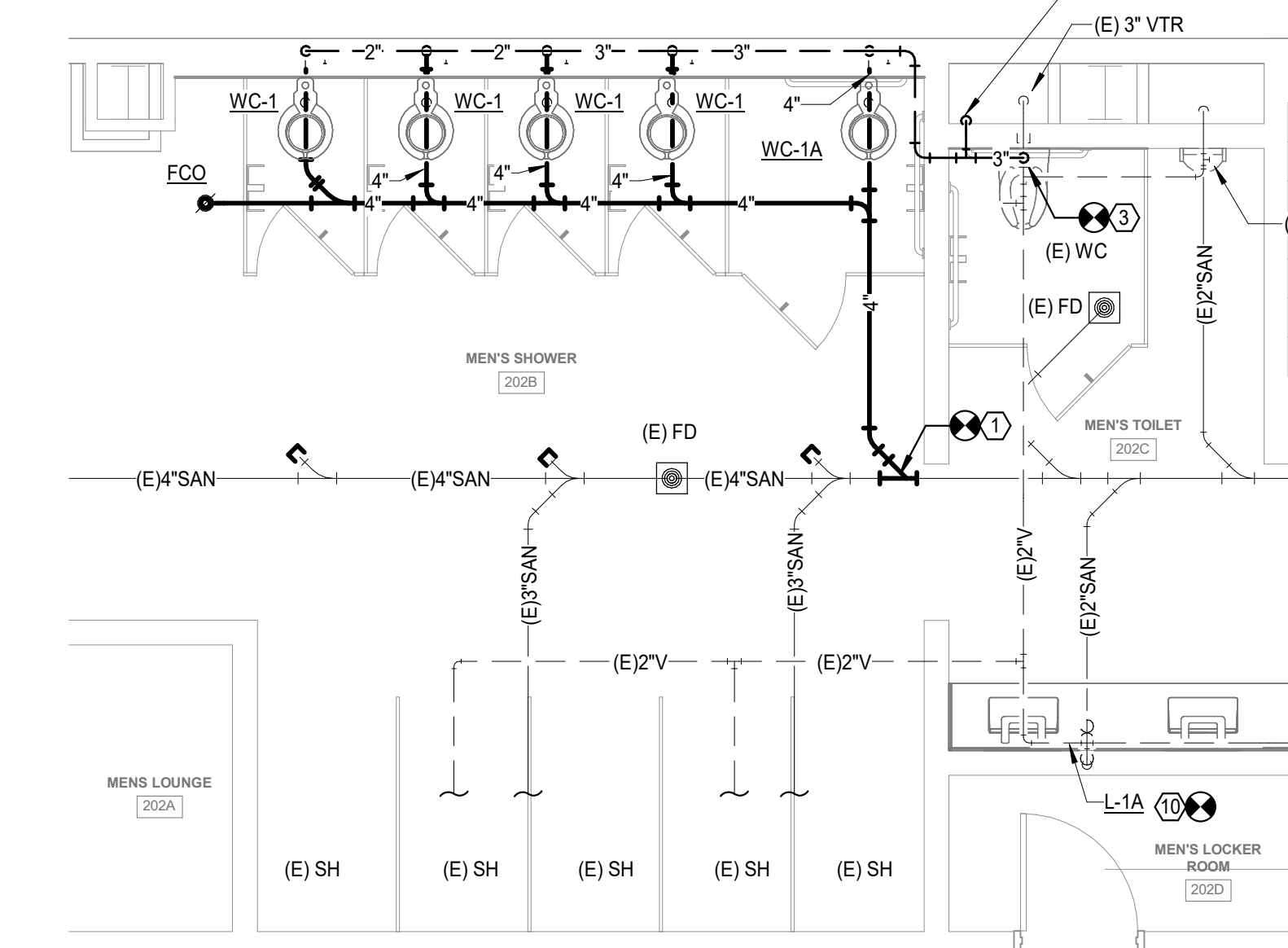
**12 ENLARGED FIRST FLOOR SUPPLY PLAN MEN'S 008**  
Scale: 1/4" = 1'-0"



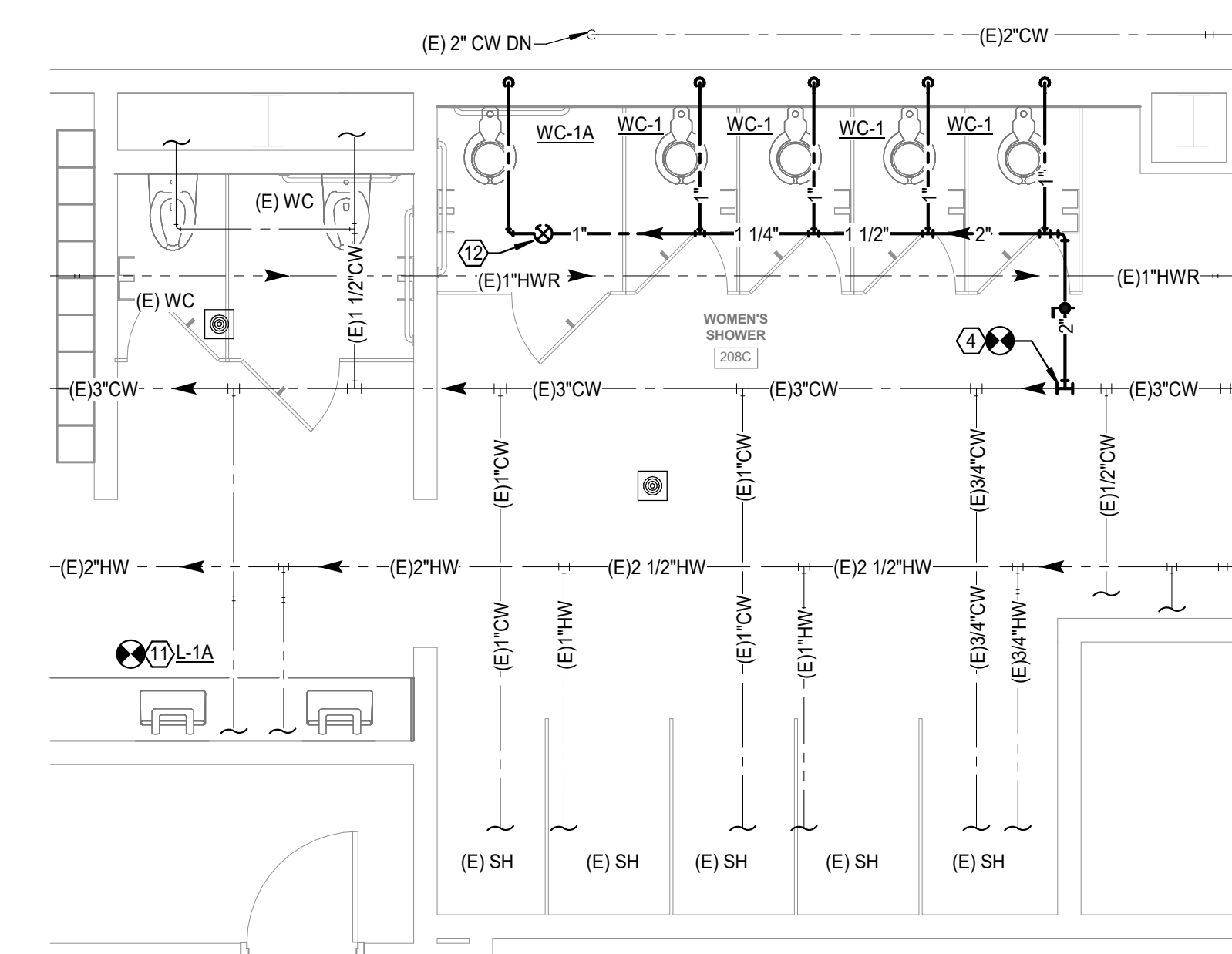
**9 ENLARGED FIRST FLOOR WASTE PLAN MEN'S 008**  
Scale: 1/4" = 1'-0"



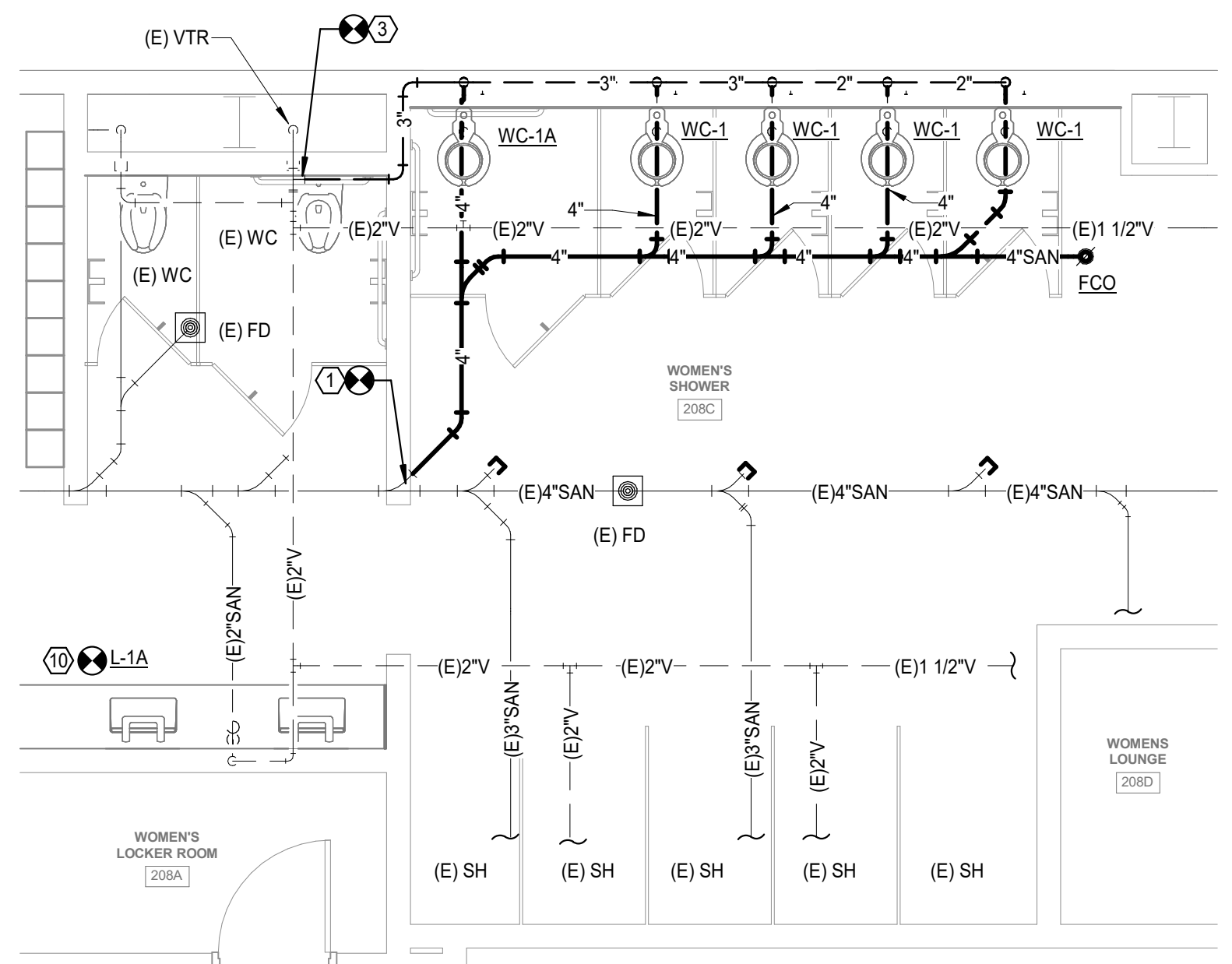
**11 ENLARGED SECOND PLUMBING PLAN MEN'S 202 B**  
Scale: 1/4" = 1'-0"



**8 ENLARGED SECOND FLOOR WASTE PLAN MEN'S 202 B**  
Scale: 1/4" = 1'-0"



**10 ENLARGED SECOND FLOOR SUPPLY PLAN WOMEN'S 208 C**  
Scale: 1/4" = 1'-0"



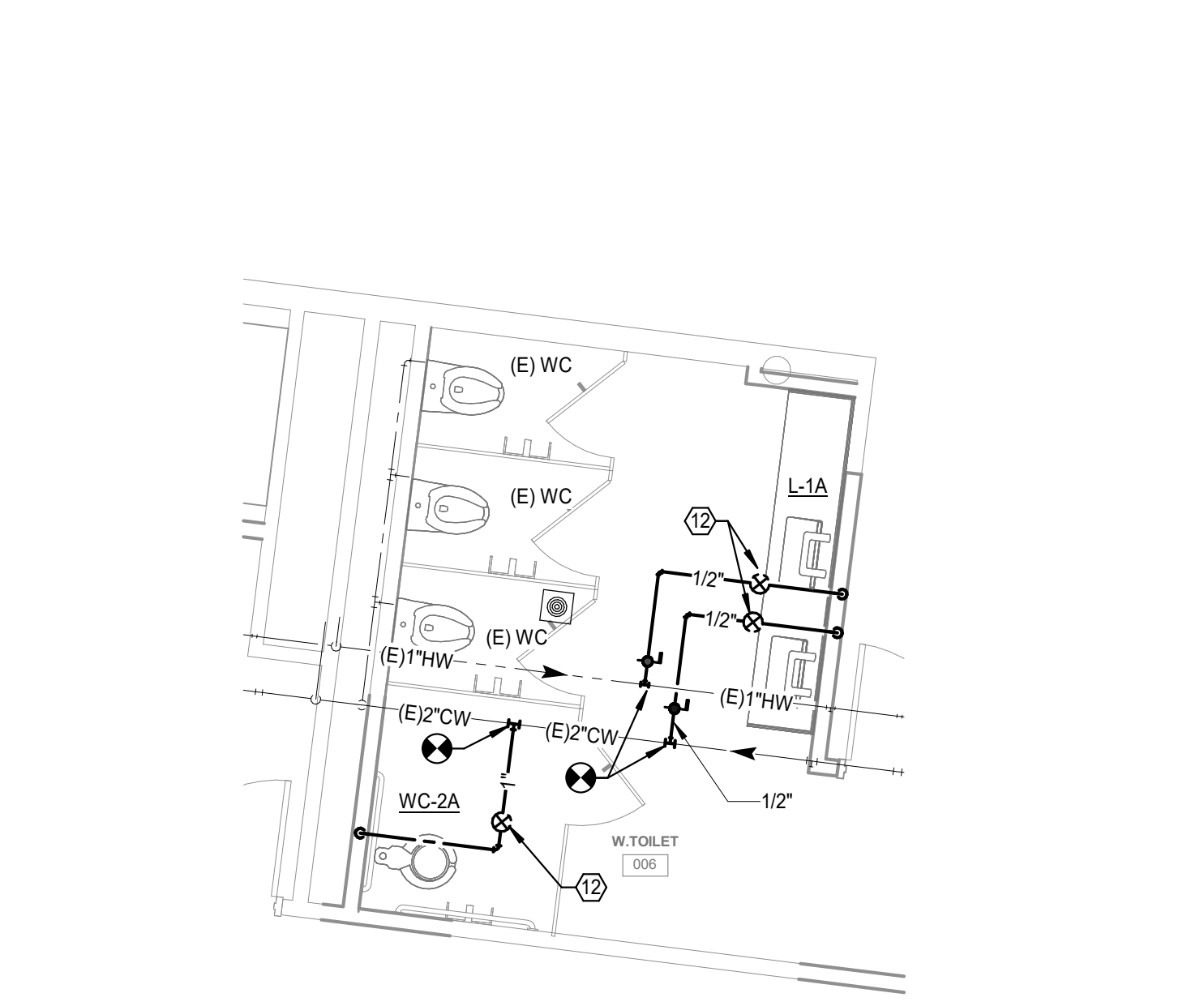
**7 ENLARGED SECOND FLOOR WASTE PLAN WOMEN'S 208 C**  
Scale: 1/4" = 1'-0"

**PLUMBING GENERAL NOTES**

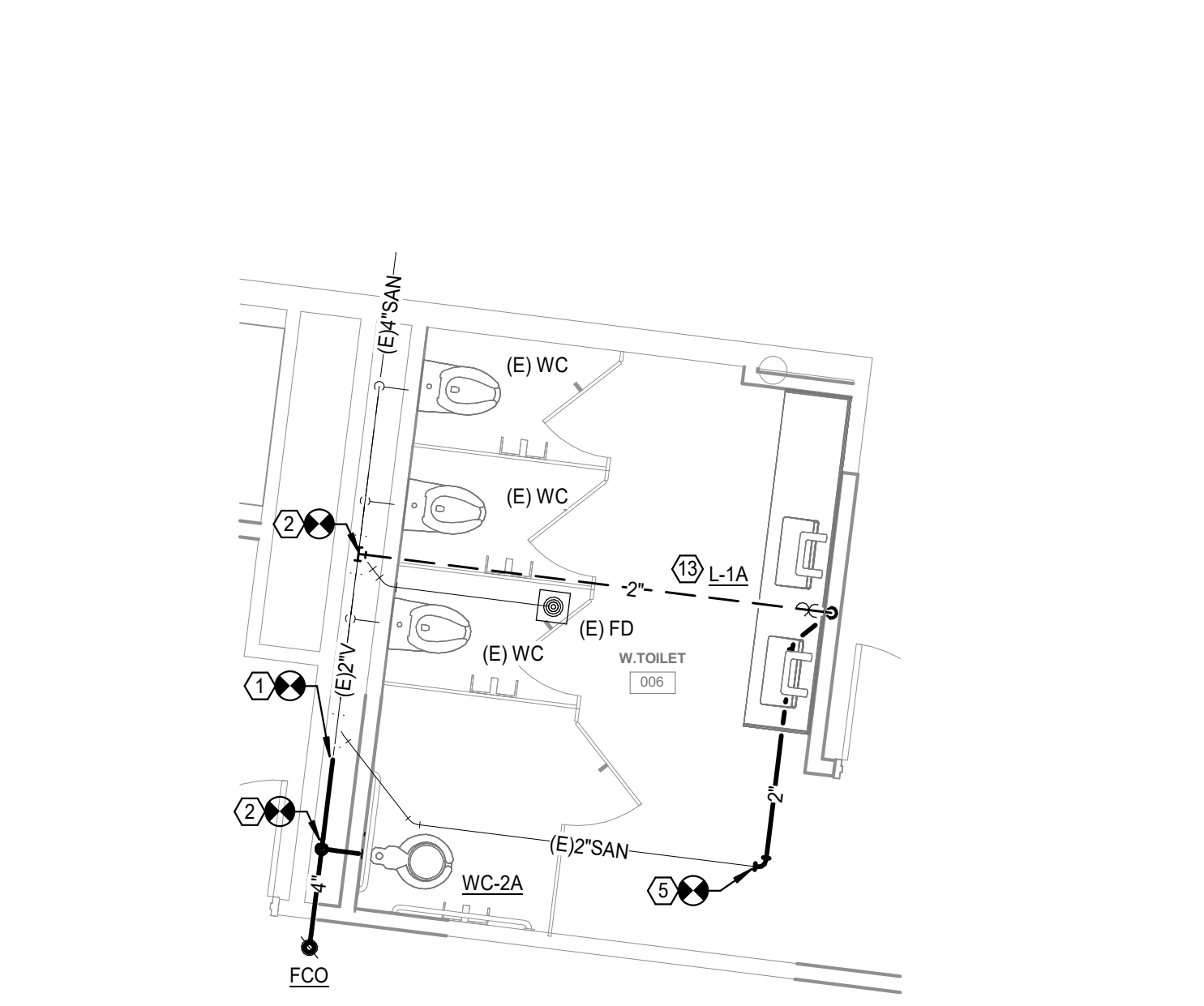
- 1 ALL SANITARY WASTE IS SHOWN BELOW FLOOR UNLESS OTHERWISE NOTED.
- 2 ALL DOMESTIC WATER AND SANITARY VENT PIPING IS SHOWN ABOVE CEILING UNLESS OTHERWISE NOTED.

**PLUMBING KEYED NOTES**

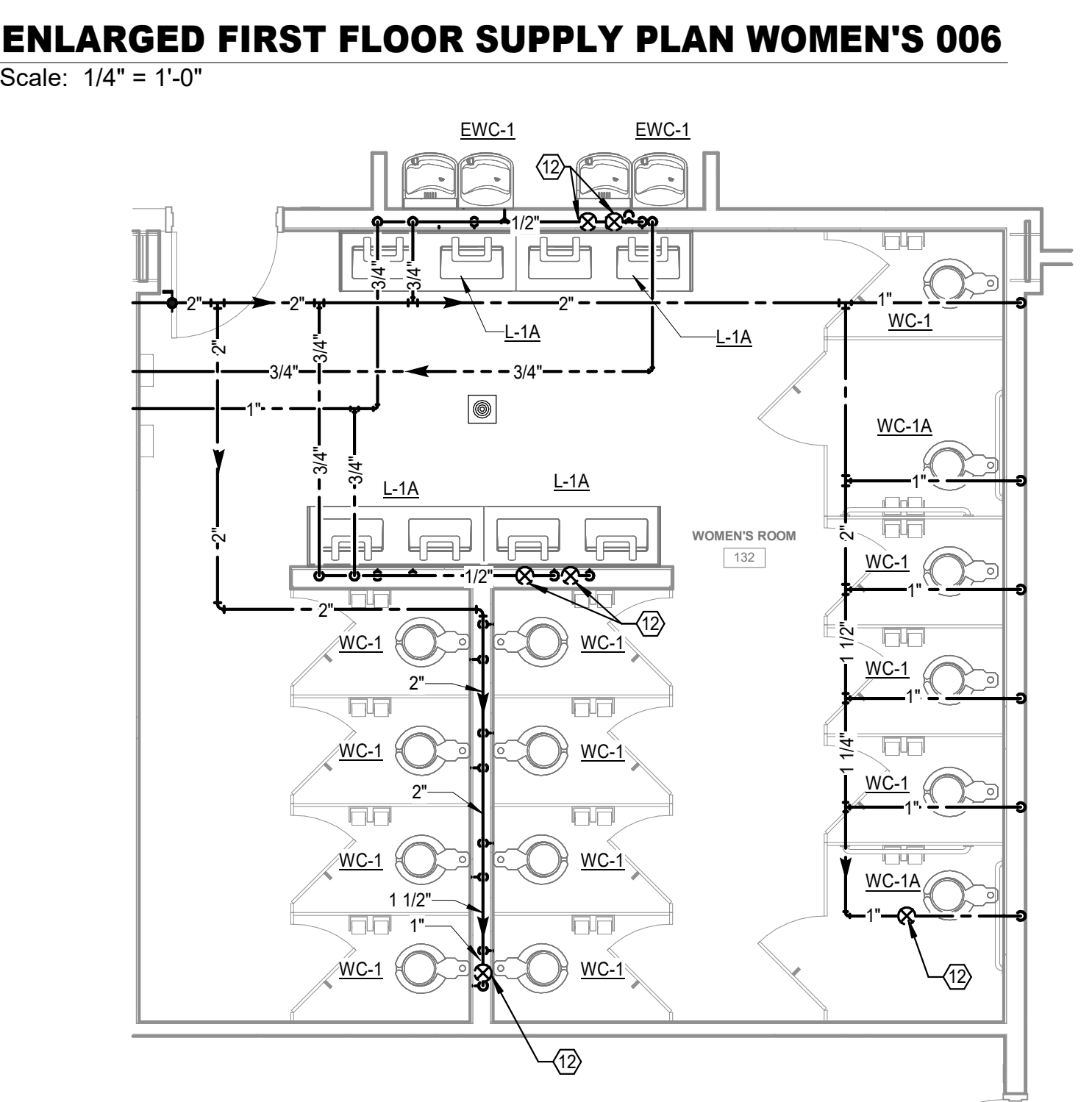
- 1 4" SANITARY WASTE TO EXISTING 4" SANITARY WASTE. FIELD VERIFY EXACT LOCATION AND ELEVATION OF EXISTING SANITARY WASTE.
- 2 NEW 2" VENT TO EXISTING 2" VENT. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING VENT.
- 3 3" VENT TO EXISTING VENT. FIELD VERIFY EXACT LOCATION OF EXISTING VENT.
- 4 2" COLD WATER TO EXISTING COLD WATER. FIELD VERIFY EXACT LOCATION OF EXISTING WATER PIPING.
- 5 NEW 2" WASTE TO EXISTING WASTE. FIELD VERIFY THE EXACT LOCATION OF EXISTING WASTE.
- 6 ROUTE DRAIN FROM ICE MACHINE AND BACKFLOW PREVENTER TO DISCHARGE OVER DRAIN WITH 2" AIR GAP.
- 7 ROUTE 1/2" HOT WATER TO DISHWASHER WITH SHUT-OFF VALVE.
- 8 BALANCING VALVE SET TO 0.3 GPM.
- 9 ROUTE DRAIN FROM DISHWASHER TO WYE FITTING ABOVE P-TRAP ON SINK.
- 10 CONNECT NEW LAVATORY TO EXISTING WASTE AND VENT PIPING.
- 11 CONNECT LAVATORY TO EXISTING COLD AND HOT WATER PIPING WITH SHUT-OFF VALVES AND WATER HAMMER ARRESTORS.
- 12 PROVIDE WATER HAMMER ARRESTOR.
- 13 COORDINATE DECK LENGTH OF LAVATORY WITH ARCHITECT.



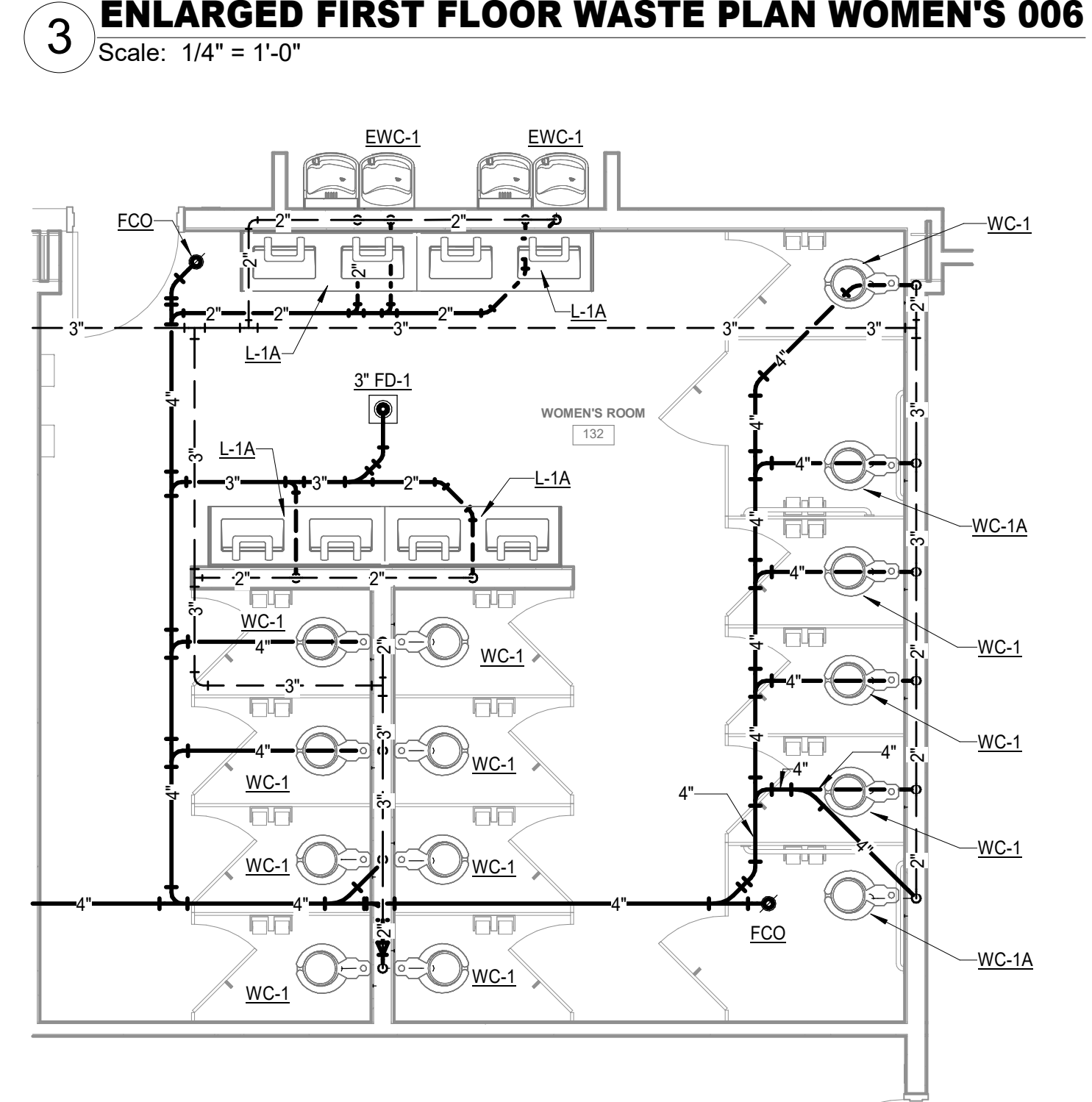
**6 ENLARGED FIRST FLOOR SUPPLY PLAN WOMEN'S 006**  
Scale: 1/4" = 1'-0"



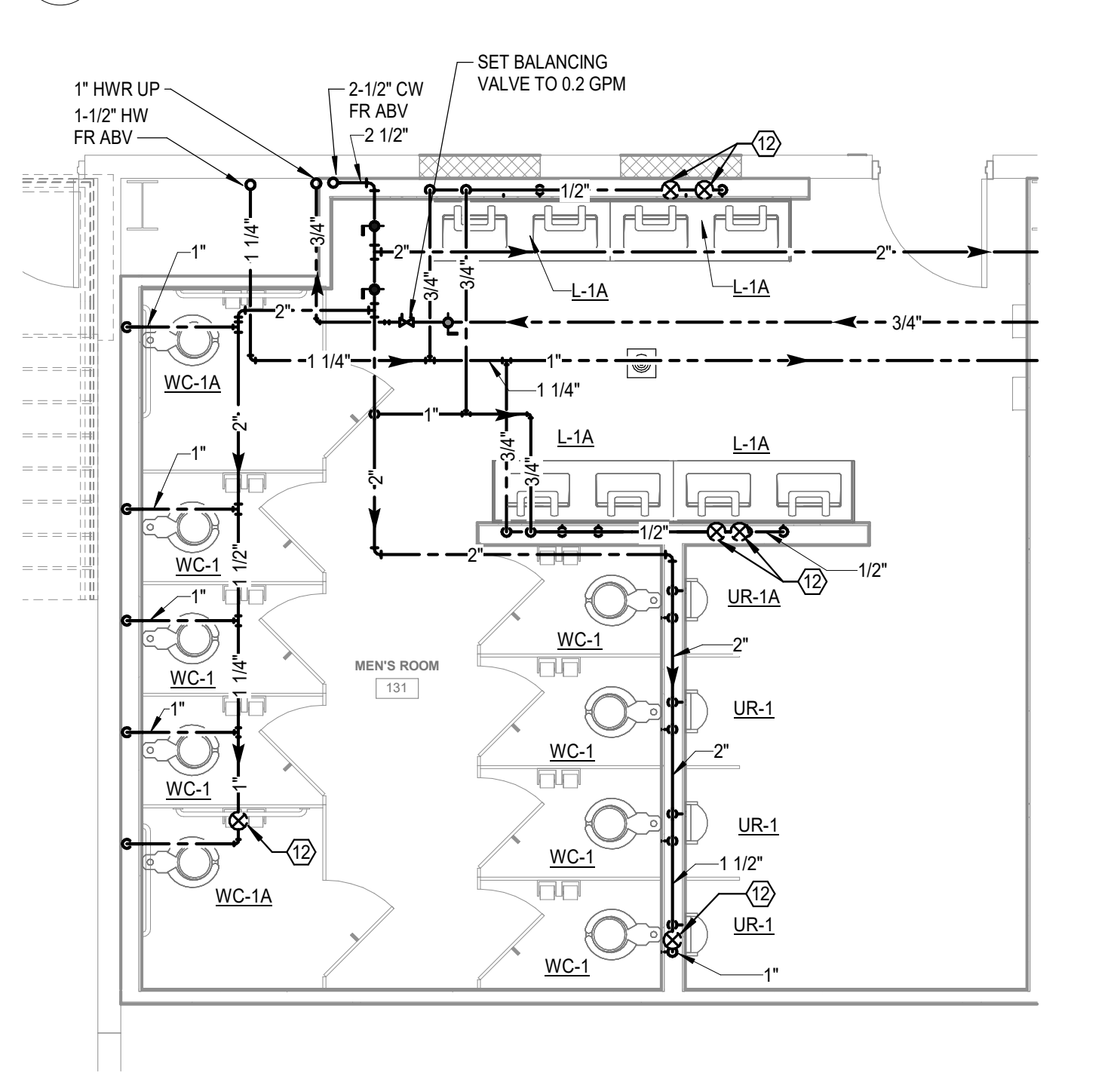
**3 ENLARGED FIRST FLOOR WASTE PLAN WOMEN'S 006**  
Scale: 1/4" = 1'-0"



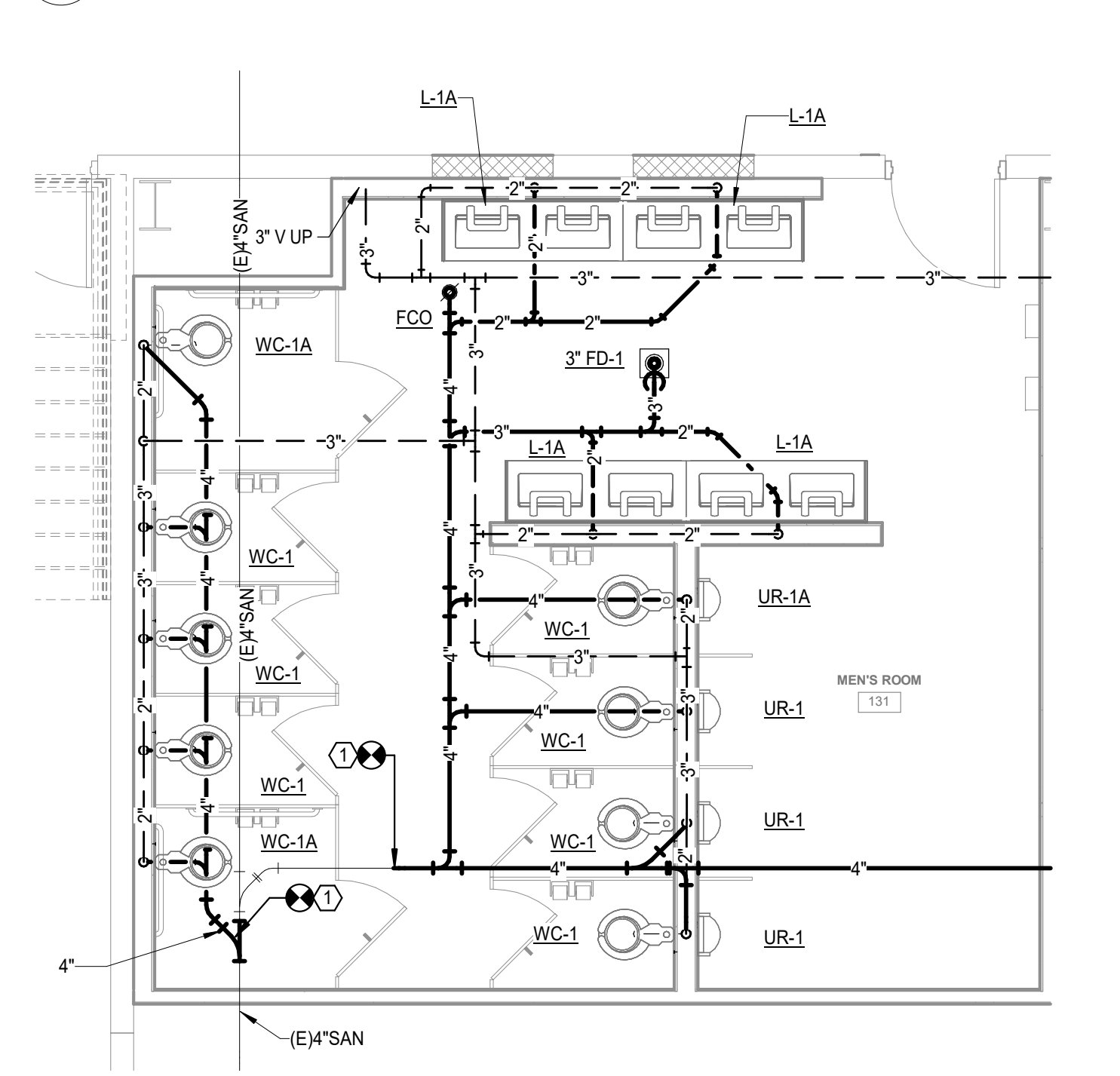
**5 ENLARGED FIRST FLOOR SUPPLY PLAN WOMEN'S 132**  
Scale: 1/4" = 1'-0"



**2 ENLARGED FIRST FLOOR WASTE PLAN WOMEN'S 132**  
Scale: 1/4" = 1'-0"



**4 ENLARGED FIRST FLOOR SUPPLY PLAN MEN'S 131**  
Scale: 1/4" = 1'-0"

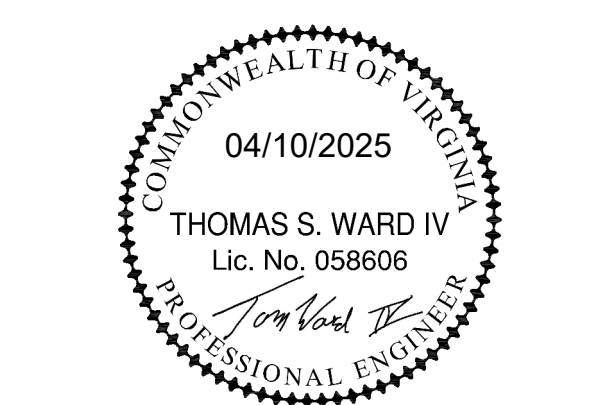


**1 ENLARGED FIRST FLOOR WASTE PLAN MEN'S 131**  
Scale: 1/4" = 1'-0"

**Salas O'Brien**  
salasobrien.com  
Project No: 2450-70822-00 540-952-9651  
Roanoke  
119 Norfolk Avenue, Suite 310  
Roanoke, Virginia 24011

**ZMM**  
ARCHITECTS  
ENGINEERS

222 Lee Street, West  
Charleston, West Virginia 25302  
Phone: 304.342.0159  
Fax: 304.345.8144  
www.zmm.com



REVISIONS	DESCRIPTION	DATE
NO.		

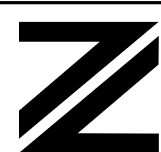
**FACILITY RENOVATION**  
**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**  
**PULASKI COUNTY PARKS AND RECREATION**  
**DUBLIN, VA**  
**CONSTRUCTION DOCUMENTS**

© by ZMM, INC.

**ENLARGED PLUMBING PLANS**

DRAWN ARR	CHECKED JDW
	DATE APR 10, 2025
	COMM. NO. 24060

**P301**





[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION

DUBLIN, VA

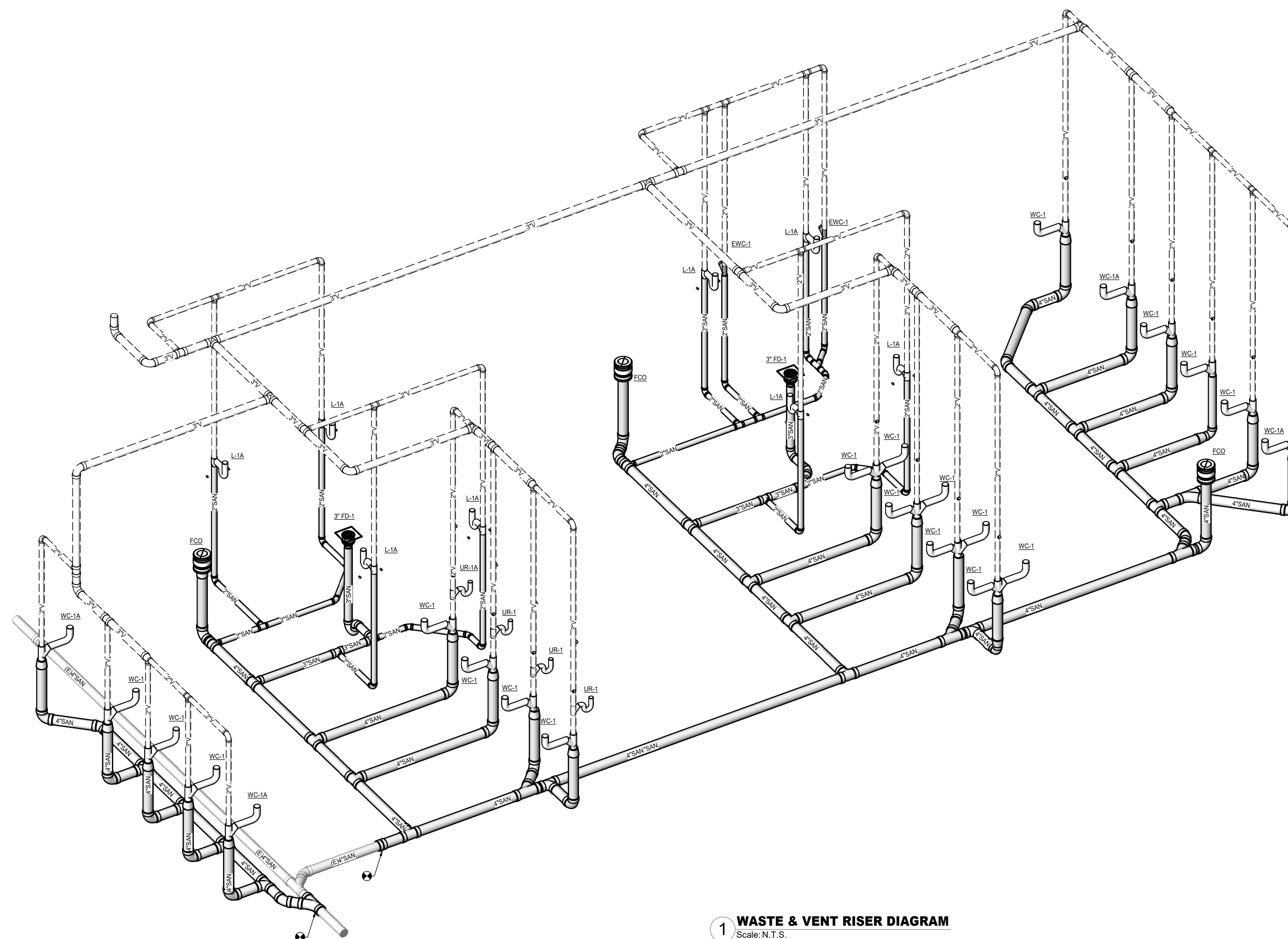
CONSTRUCTION DOCUMENTS

© by ZMM, INC.

### WASTE & VENT RISER DIAGRAM

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

**P401**



**1 WASTE & VENT RISER DIAGRAM**  
Scale: N.T.S.



[illegible]

FACILITY RENOVATION

**PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER**

PULASKI COUNTY PARKS AND RECREATION

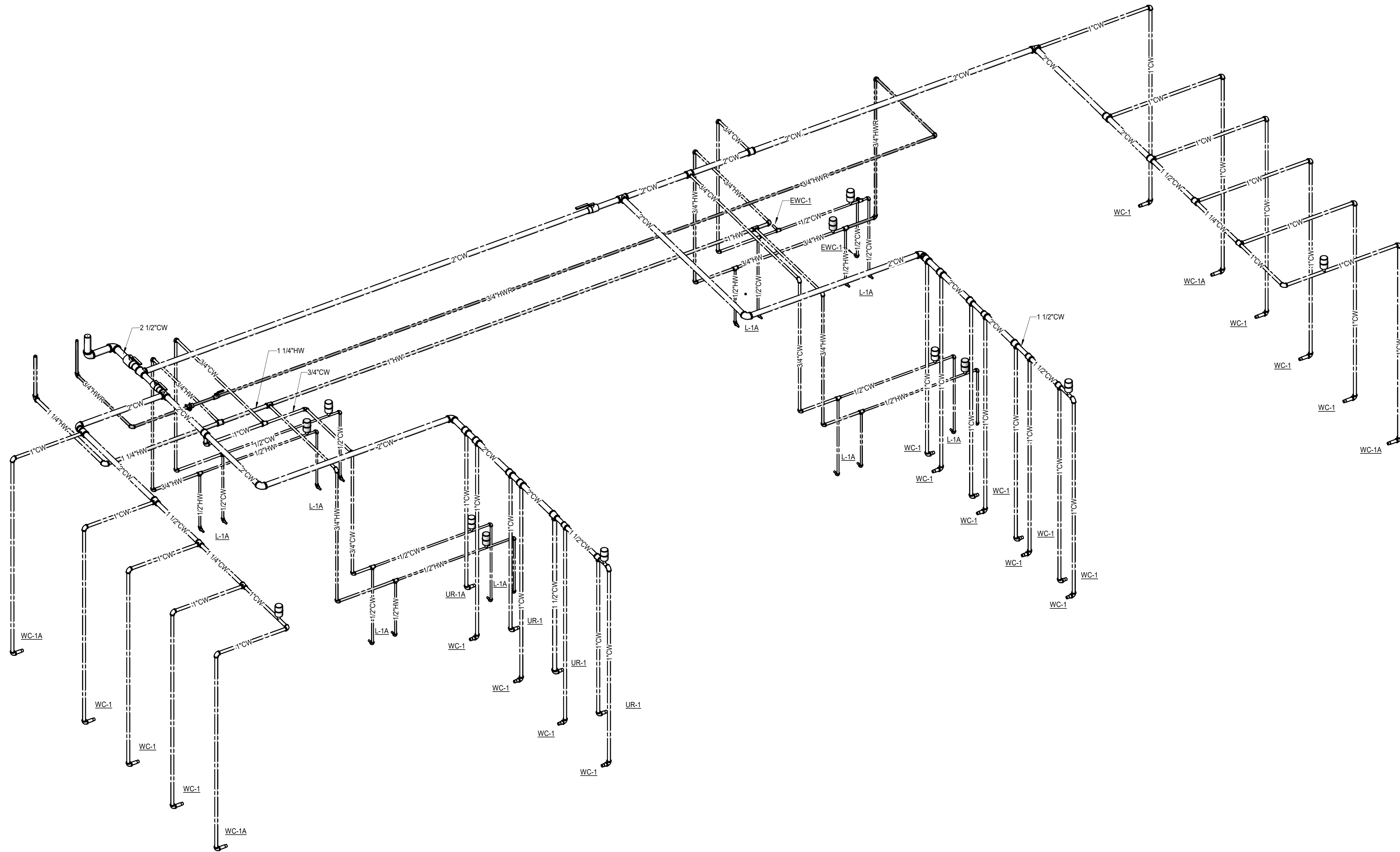

DUBLIN, VA

---

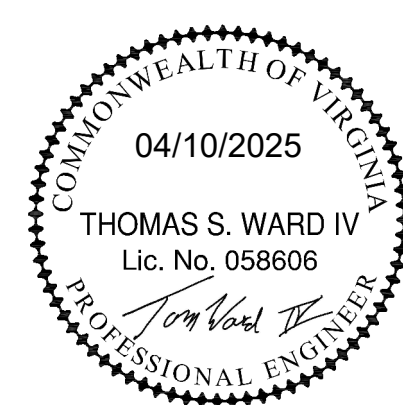
CONSTRUCTION DOCUMENTS

## SUPPLY RISER DIAGRAM

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060



# 1 SUPPLY RISER DIAGRAM

[illegible]

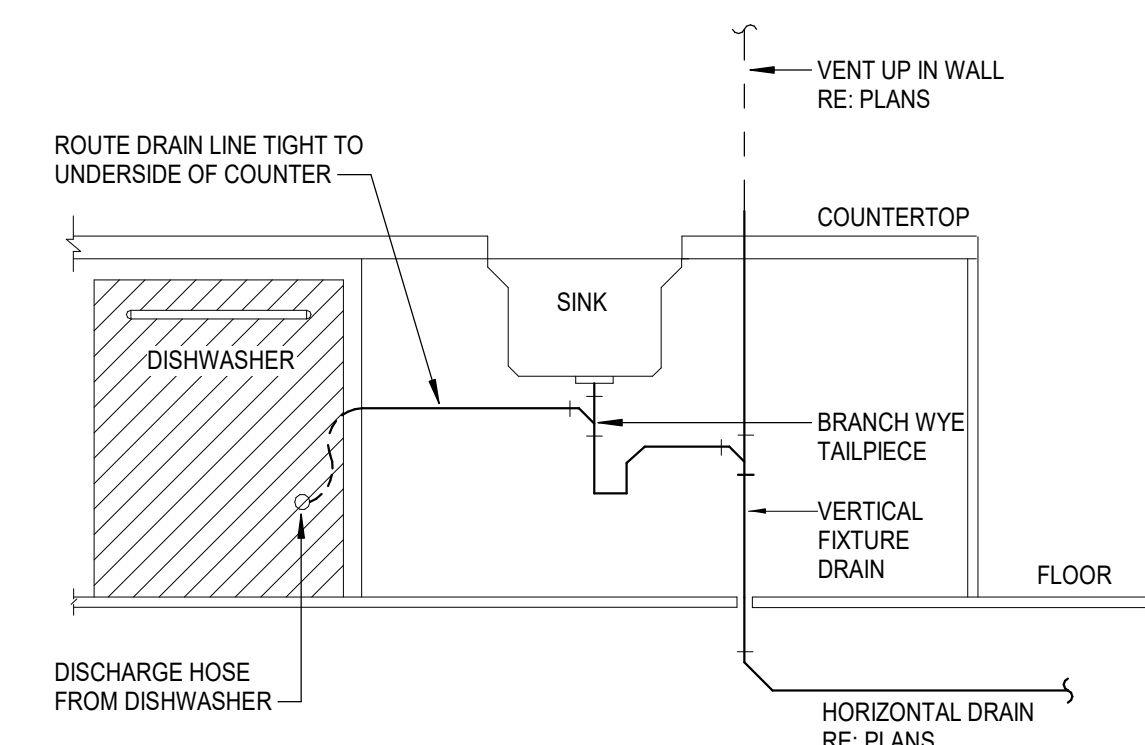
<p>FACILITY RENOVATION</p> <p><b>PULASKI COUNTY INDOOR SPORTSPLEX AND EXPO CENTER</b></p> <p>PULASKI COUNTY PARKS AND RECREATION</p> <p>DUBLIN, VA</p> <p>CONSTRUCTION DOCUMENTS</p>
--

© by ZMM, INC.

## PLUMBING DETAILS

DRAWN <b>ARR</b>	CHECKED <b>JDW</b>
	DATE APR 10, 2025
	COMM. NO. 24060

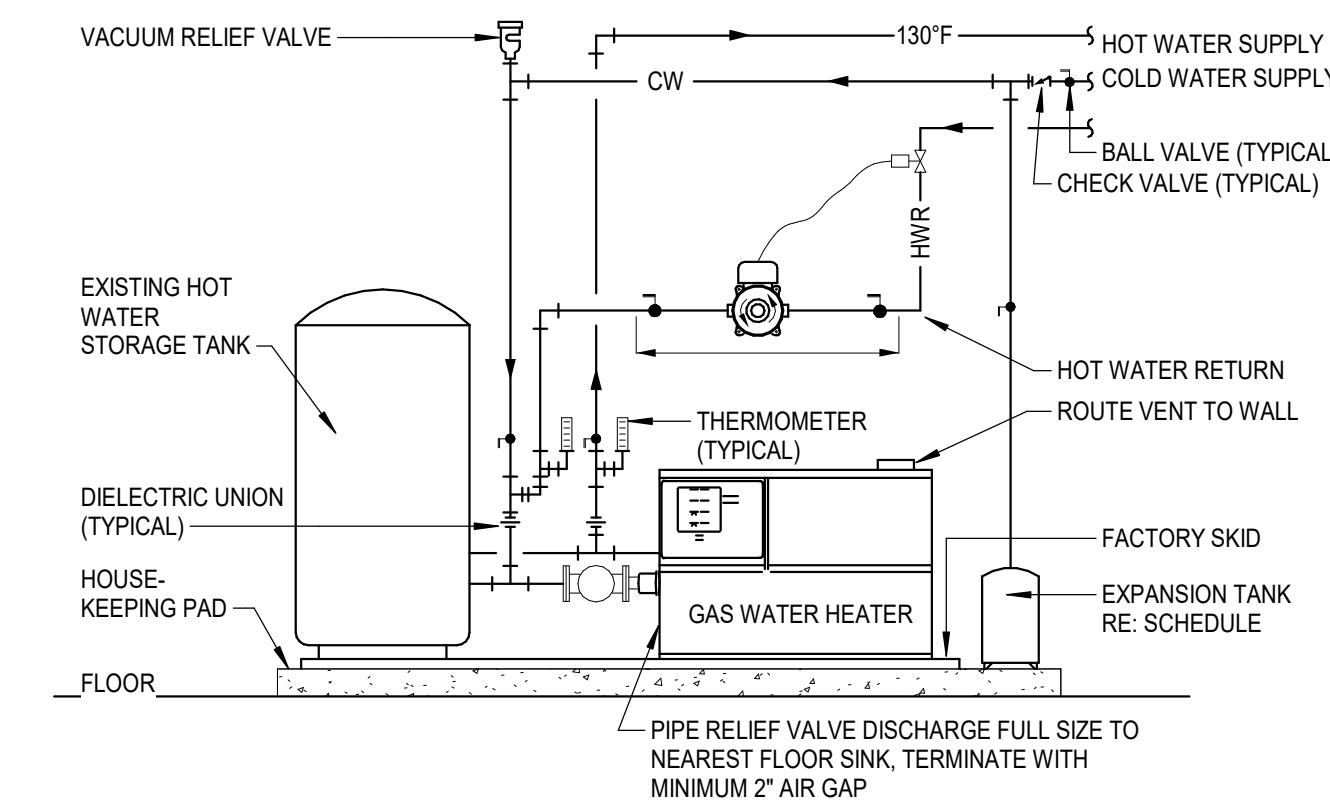
**P501**



NOTE: CONTRACTOR TO COORDINATE DRAIN AND SUPPLY CONNECTIONS PER MANUFACTURER'S REQUIREMENTS

## 8 DISHWASHER CONNECTION

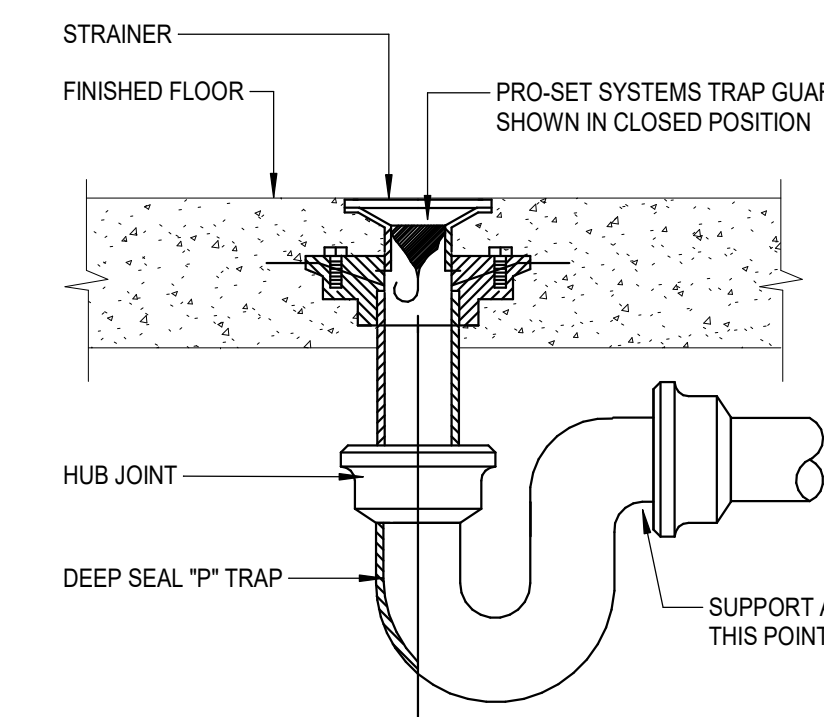
Scale: NONE



**NOTES:**  
1. GAS PIPING IS NOT SHOWN FOR CLARITY.  
2. REFER TO PLANS FOR PIPE SIZES.

## 7 GAS WATER HEATER PIPING DIAGRAM

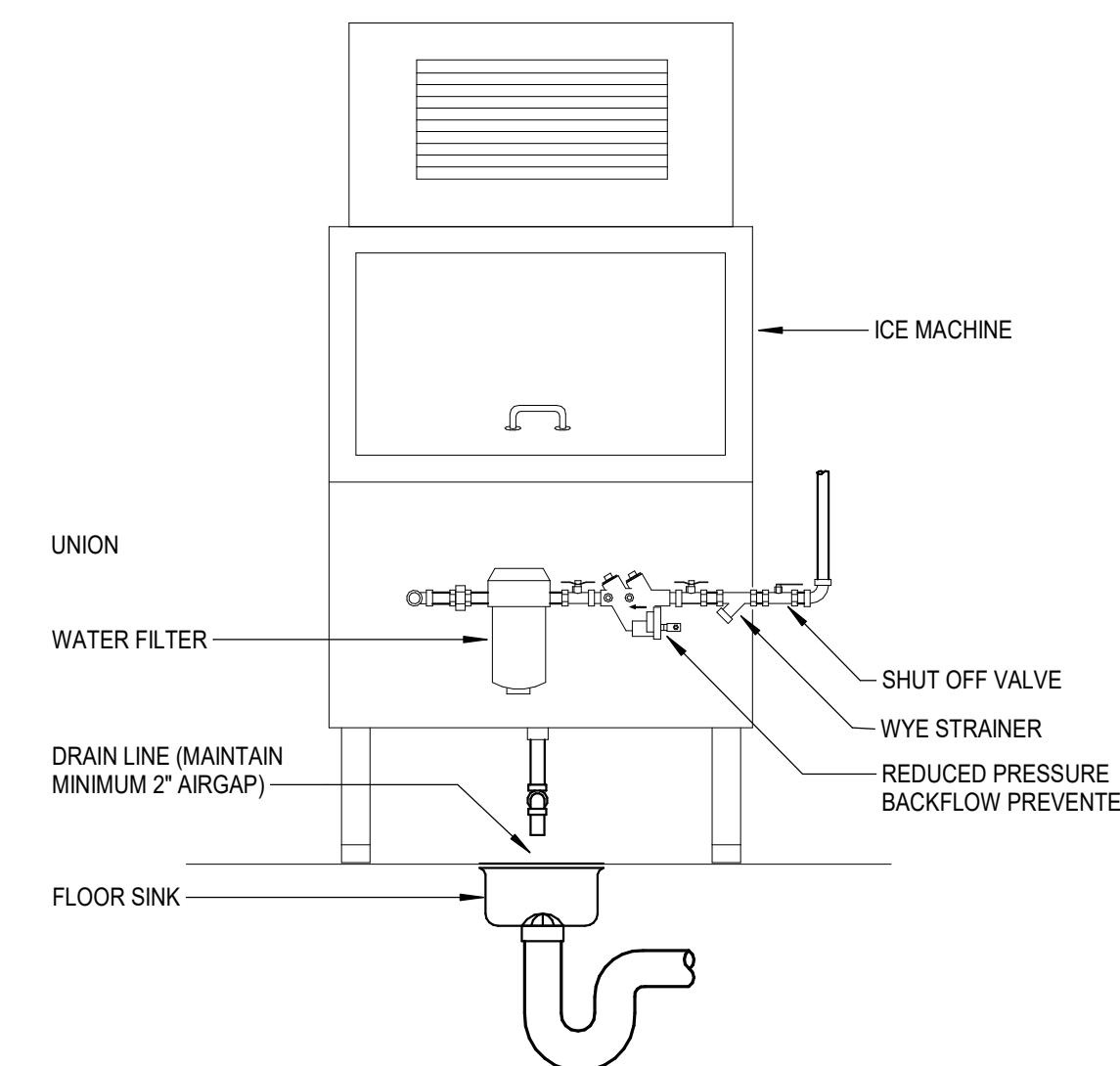
Scale: NONE



<b>NOTES:</b>	
1.	TRAP GUARD SHALL COMPLY WITH ASSE 1072 REQUIREMENTS.
2.	TRAP GUARD SHALL BE FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER.
3.	CONTACT LOCAL REP OR MANUFACTURER FOR CORRECT MODEL NUMBER.
4.	INSTALLATION OF TRAP GUARD TO BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
5.	INSERT TRAP GUARD ONLY AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SILICONE CAULK FOR GASK TIGHT SEAL. FOR DRAIN RODDING AFTER INSTALLATION, INSERT SEWER TAPE THROUGH LIGHTLY GREASED 1-1/2" PVC PIPE TO PROTECT TRAP GUARD.

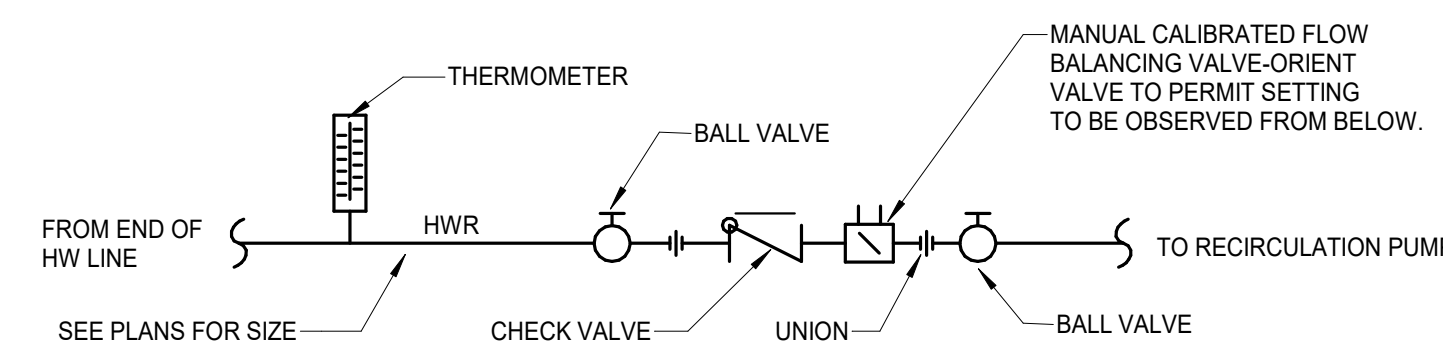
## 6 TRAP SEAL PROTECTION

Scale: NONE



## 5 ICE MACHINE CONNECTION

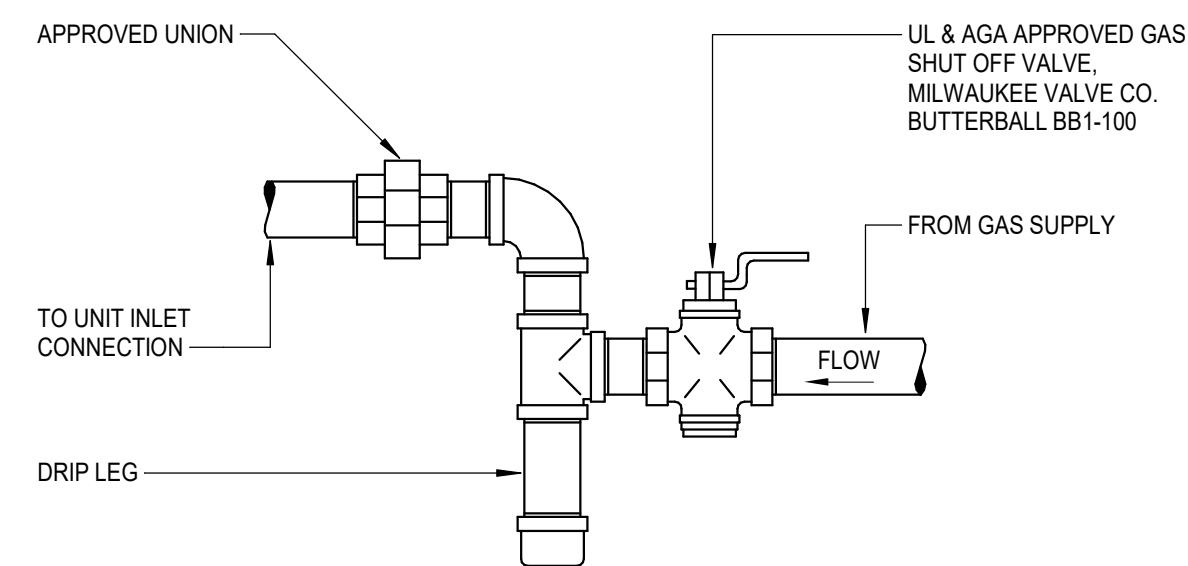
Scale: NONE



**NOTE:**  
LOCATE BALANCING ASSEMBLY IN ACCESSIBLE LOCATION

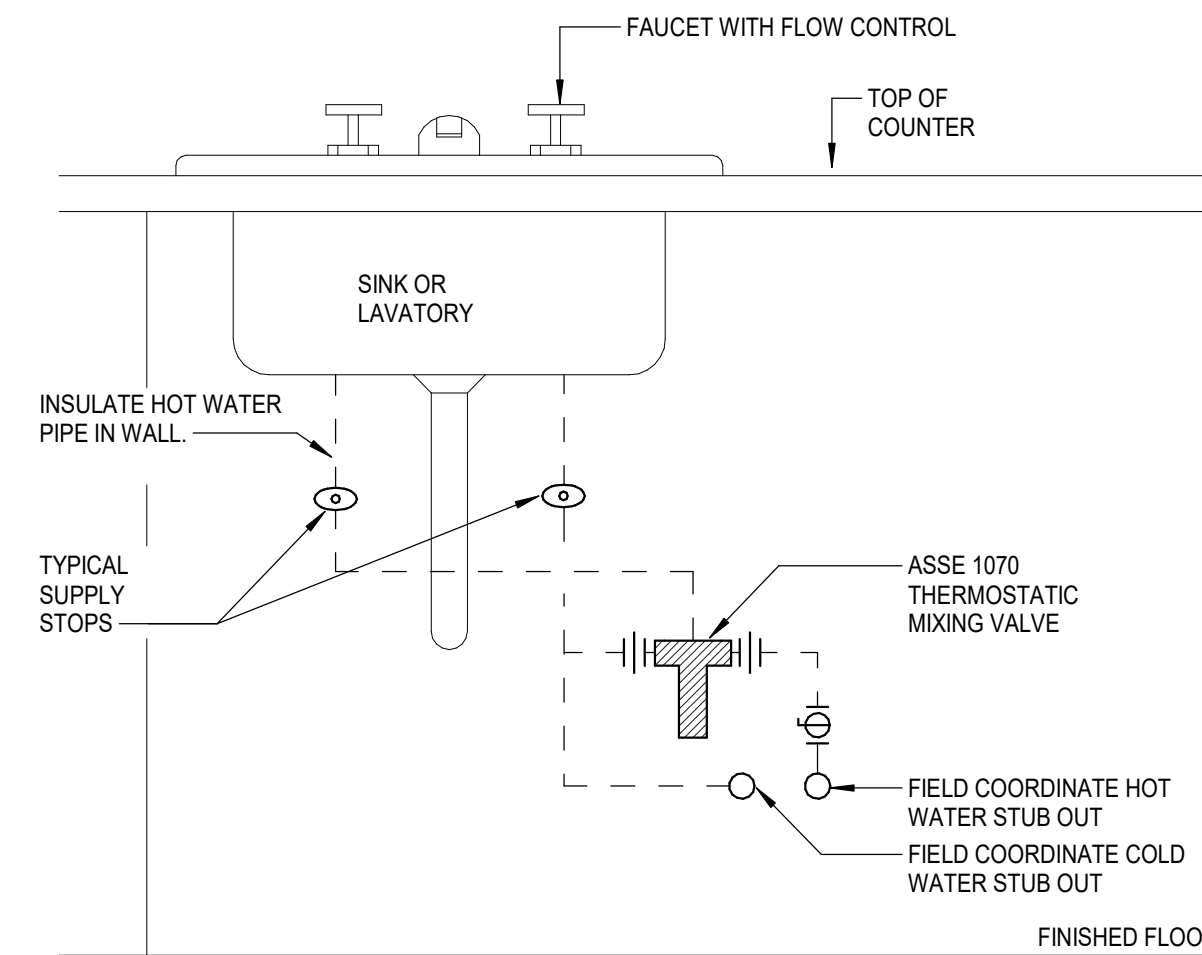
## 1 HOT WATER RETURN FLOW BALANCING ASSEMBLY

Scale: NONE



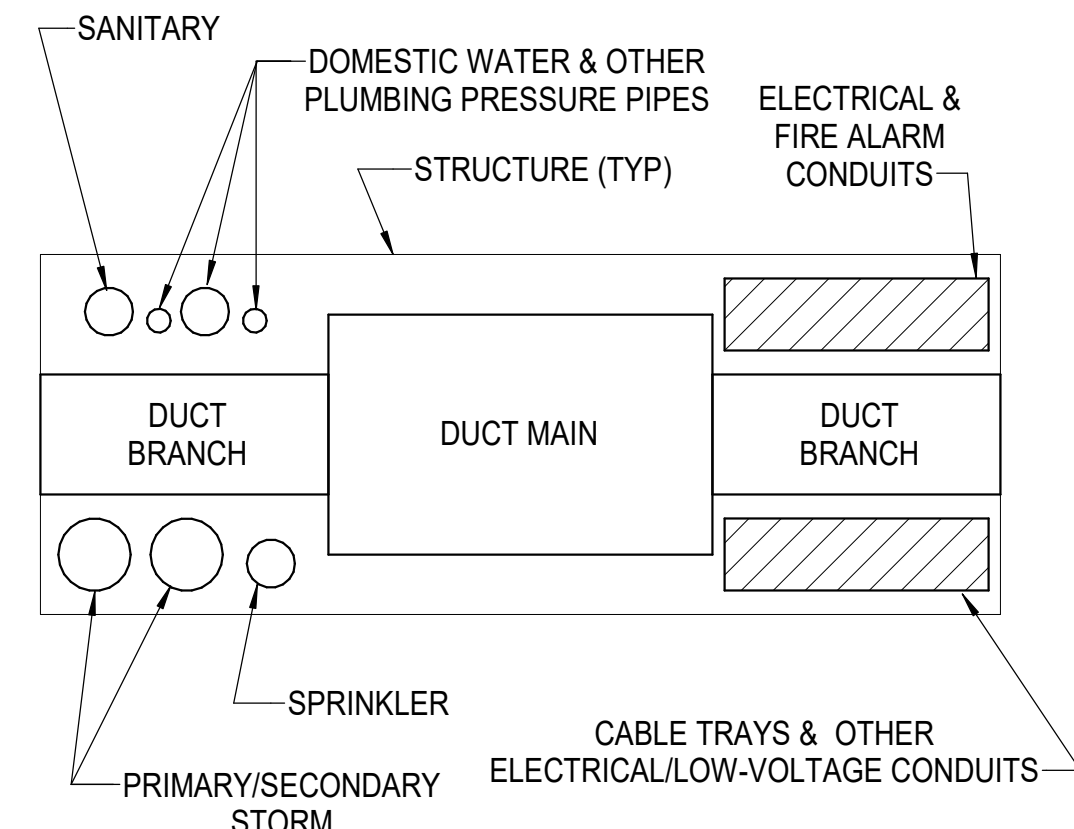
## 2 GAS CONNECTION

Scale: NONE



## 2 THERMOSTATIC MIXING VALVE PIPING AT SINK/LAVATORY

Scale: NONE



NOTE: AT THE CONTRACTOR'S DISCRETION, SYSTEMS SHOWN IN THIS DETAIL MAY BE REARRANGED TO FACILITATE CONSTRUCTION. SYSTEMS NOT SHOWN SHALL BE COORDINATED IN THE FIELD BETWEEN TRADES. ABOVE CEILING COORDINATION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND ANY CONFLICTS SHALL BE COORDINATED IN THE FIELD BETWEEN TRADES. FOR EXISTING CONDITIONS, CONTRACTOR SHALL VERIFY AND COORDINATE WITH EXISTING STRUCTURE PRIOR TO FABRICATION OF DUCTWORK.

## 1 MEP CEILING COORDINATION

Scale: NONE