

PLUMBING GENERAL NOTES:

- COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC.
- COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
- ALL PIPING SHALL BE CONCEALED INSIDE WALLS, BELOW FLOORS OR ABOVE CEILINGS UNLESS INDICATED OTHERWISE. REMOVE ALL EXISTING WATER PIPING NOT IN USE.
- ALL PIPING SHALL BE SLOPED AS PER AT THE MINIMUM GRADE REQUIRED BY CODE (UNLESS NOTED OTHERWISE) FOR EACH PARTICULAR PIPE SIZE.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES. EXACT LOCATION OF ALL FIXTURES MUST BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION. FINAL LOCATION SHALL BE AS DIRECTED BY ARCHITECT.
- DO NOT RUN PLUMBING PIPING THROUGH ELECTRICAL/COMPUTER ROOMS OR DIRECTLY ABOVE ELECTRICAL PANELS.
- INSTALL WATER HAMMER ARRESTORS (PDS) ON DOMESTIC COLD & HOT WATER LINES AS INDICATED ON THE DRAWINGS, IN ACCORDANCE WITH THE LOCAL PLUMBING CODE AND/OR STANDARD PDI-WH201. ARRESTORS SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION.
- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL COORDINATION AND INFORMATION.
- ALL FIXTURES SHALL BE FURNISHED WITH QUARTER-TURN STOP VALVES. VALVES MAY BE IN SUPPLY PIPES OR INTEGRAL WITH SUPPLY FITTINGS.
- PLUMBING CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL COSTS INVOLVED.
- INSULATE SUPPLY PIPES, STOPS AND DRAIN AT EACH ADA SINK WITH FIRE RESISTANT MOLDED FOAM INSULATING DEVICE TRUBRO ADA LAV GUARD.
- MINIMUM FIXTURE CONNECTION SIZES SHALL BE MADE IN ACCORDANCE WITH THE PLUMBING FIXTURE SCHEDULE.
- ALL EQUIPMENT, PIPING, APPURTENANCES SHALL BE PROTECTED FROM DEBRIS AND DAMAGE. SENSITIVE EQUIPMENT SHALL NOT BE DELIVERED TO THE JOB SITE UNTIL SUCH TIME AS IT IS TO BE INSTALLED. PIPING ENDS SHALL BE CLOSED BY TEMPORARY MEANS WHEN PORTIONS OF THE SYSTEM ARE NOT COMPLETE.
- LOCATE ALL VALVES WHERE THEY ARE ACCESSIBLE FOR SERVICE AND USE. WHERE ACCESS PANELS ARE REQUIRED, COORDINATE SELECTION AND LOCATION WITH ARCHITECT.
- PROVIDE TRAP PRIMER AND CONNECTION FOR ANY FLOOR DRAIN, FLOOR SINK OR HUB DRAIN NOT SUBJECT TO REGULAR FLOW.
- ALL PIPES DROPPING AT COLUMNS SHALL BE INSTALLED WITHIN THE ENCLOSURE DETAILED ON THE ARCHITECTURAL DRAWINGS SUCH THAT THE DIMENSIONS OF THE ENCLOSURE ARE NOT ALTERED.
- INSULATE ALL NEW HOT AND COLD WATER PIPING. SIZE PER SPECIFICATIONS.
- ALL PENETRATIONS AT FLOORS AND RATED PARTITIONS SHALL HAVE A UL CLASSIFIED FIRE STOP SYSTEM TESTED TO ASTM E814 AND UL 1479 BY UNDERWRITERS LABORATORIES. FIRE STOP SYSTEMS SHALL BE PROSET SYSTEMS, PENSL FIRESTOP SYSTEMS OR 3M COMPANY.
- ALL MATERIAL SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AND CLEARANCES AT BUILDING BEFORE COMMENCING WORK.
- EXPOSED PIPING IN CONNECTION WITH PLUMBING FIXTURES SHALL BE CHROMIUM PLATED. WHERE PIPES PASS THROUGH WALLS, PROVIDE CHROMIUM PLATES ESCUTCHEONS AND FIRMLY SECURE IN PLACE.
- PROVIDE APPROVED FLANGES FOR CONNECTIONS BETWEEN DRAINAGE PIPING AND FLOOR OUTLET PLUMBING FIXTURES.
- DEFECTIVE WORK IF INSPECTION OR TESTS SHOW DEFECTS, SUCH DEFECTIVE WORK OR MATERIAL SHALL BE REPLACED AND INSPECTION AND TESTS SHALL BE REPEATED. ALL REPAIRS TO PIPING SHALL BE MADE WITH NEW MATERIAL. NO CAULKING OF SCREWED JOINTS OR HOLES WILL BE ACCEPTABLE.
- CONTRACTOR TO SUBMIT ADDITIONAL SET OF GAS DRAWINGS TO HVAC PLANS REVIEWER. NOTE: SEE PLUMBING DRAWINGS FOR ANY ADDITIONAL PLUMBING SPECIFICATIONS.
- ALL SANITARY WASTE PIPING SHALL BE SLOPED AT 1/8" PER FOOT AND ALL GREASE WASTE PIPING SHALL BE SLOPED AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.

FIRE PROTECTION GENERAL NOTES:

- THE ARCHITECTURAL AND MEP DRAWINGS TO BE REFERENCED FOR COORDINATION ARE DIAGRAMMATIC IN NATURE, AND ARE NOT INTENDED TO INDICATE ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT COMPLETE FIRE PROTECTION SYSTEMS BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPLIANCES, AND INTERFACES COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS INDICATED IN THESE CONTRACT DOCUMENTS SHALL BE STRICTLY CONFORMED TO AS SPECIFIED. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE FIRE PROTECTION SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS, SHALL BE FURNISHED AND INSTALLED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND WORK OF OTHER TRADES PRIOR TO THE PREPARATION OF SHOP DRAWING SUBMITTALS.
- ALL MATERIAL SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AND CLEARANCES AT BUILDING BEFORE COMMENCING WORK.
- THE CONTRACTOR SHALL FULFILL ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHALL COMPLETE THE WORK INDICATED ON THE DRAWINGS. ALL SYSTEMS SHALL BE FINISHED, TESTED, AND ADJUSTED, AND PROVEN TO BE FULLY OPERATIONAL AND USABLE.
- GUARANTEE ALL EQUIPMENT AND SYSTEMS FOR ONE YEAR AFTER OWNER ACCEPTANCE.
- COORDINATE ALL WORK WITH EXISTING CONDITIONS AND ALL TRADES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION OF EQUIPMENT, CONDUIT, PANELS, DUCTWORK, EQUIPMENT SUPPORTS, PIPING, ETC., AND COORDINATE THE INSTALLATION ACCORDINGLY.
- THE FIRE PROTECTION SPRINKLER SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13, LATEST EDITION AND THE LOCAL AUTHORITIES HAVING JURISDICTION. SUBMIT FLOW TEST RESULTS, SHOP DRAWINGS, DETAILS, HYDRAULIC CALCULATIONS, ETC. AS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION. OBTAIN FLOW TEST INFORMATION AS REQUIRED TO PROPERLY ANALYZE THE STREET WATER PRESSURE AVAILABLE FOR THE SYSTEM. REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PREPARE A REFLECTED CEILING PLAN INDICATING THE SPRINKLER HEAD LOCATIONS AND SUBMIT THIS TO THE ARCHITECT FOR REVIEW (NOT FOR ENGINEER REVIEW). COORDINATE THE SPRINKLER HEAD LOCATIONS WITH THE LIGHTING AND DIFFUSER / GRILLE LAYOUT. SPRINKLER HEADS SHALL BE LOCATED AT THE CENTER POINT OF CEILING TILES OR AN ORGANIZED PATTERN FOR GYPSUM BOARD TYPE CEILING.
- ALL NEW SPRINKLERS SHALL MATCH TEMPERATURE AND RTI (RESPONSE TIME INDEX) OF EXISTING SPRINKLERS TO AREAS WHERE GLASS IS USED IN A 1 HOUR RATED PARTITION AND GLASS IS NOT SPECIFIED BY ARCHITECT TO MEET THIS RATING. "GLASS WASH" SPRINKLERS SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODE AT 6'-0" ON CENTER WITHIN 12" OF GLASS.
- SCOPE
 - FURNISH ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS REQUIRED TO COMPLETE INSTALLATION OF THE FIRE PROTECTION SYSTEMS INCLUDING BUT NOT LIMITED TO PIPING, INSULATION, EQUIPMENT, SPRINKLER HEADS, AND ALL OTHER WORK INDICATED ON THE DRAWINGS OR AS SPECIFIED.
 - OBTAIN ALL PERMITS, INSPECTIONS, AND APPROVALS AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION AND DELIVER CERTIFICATE OF APPROVAL TO THE GENERAL CONTRACTOR. ALL ASSOCIATED FEES SHALL BE PAID BY THE CONTRACTOR.
 - CONTRACTOR SHALL COMPLY WITH OSHA REQUIREMENTS.
 - ALL MATERIALS AND EQUIPMENT OF THE FIRE PROTECTION SYSTEMS NECESSARY TO ITS PROPER OPERATION, BUT NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED WITHOUT ADDITIONAL CHARGE.
 - VISIT SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. NO ALLOWANCE WILL BE MADE FOR LACK OF KNOWLEDGE OF EXISTING CONDITIONS. ANY ADJUSTMENTS IN PIPE ROUTING SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
 - WORK SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE AND CURRENT BUILDING CODE, FIRE PROTECTION CODE, NFPA 13, AND LOCAL AUTHORITIES HAVING JURISDICTION.

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
---	WASTE (SOIL PIPE)
---	VENT
---	COLD WATER
---	HOT WATER
---	HOT WATER RETURN
---	PIPING BELOW SLAB/FLOOR
---	TRAP
---	RISER DOWN (ELBOW)
---	RISER UP (ELBOW)
---	RISE OR ROOF
---	BRANCH - BOTTOM CONNECTION
---	BRANCH - TOP CONNECTION
---	BRANCH - SIDE CONNECTION
---	CLEANOUT
---	POINT OF CONN. BETWEEN NEW & EXIST.
---	VALVE
---	BALANCING VALVE (CIRCUT SETTER)
---	DOMESTIC WATER SUBMETER

NOTE: THIS IS A STANDARD LEGEND. ALL ITEMS MAY NOT APPEAR ON DRAWINGS.

ADA COMPLIANCE	
1.	VERIFY FIXTURES THAT ARE INTENDED FOR HANDICAP USE WITH CURRENT ARCHITECTURAL DRAWINGS.
2.	PLUMBING FIXTURES DESIGNATED FOR HANDICAP USE SHALL COMPLY WITH ADA AND ALL STATE, CITY, AND LOCAL REQUIREMENTS PERTAINING TO HANDICAP ACCESSIBILITY.
3.	FIXTURE INSTALLATION SHALL COMPLY WITH ADA AND ANY STATE, CITY, AND LOCAL REQUIREMENTS PERTAINING TO HANDICAP ACCESSIBILITY.
4.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ADA AND ALL STATE, CITY, AND LOCAL REQUIREMENTS PERTAINING TO PLUMBING FIXTURES AND PLUMBING FIXTURE INSTALLATION FOR USE BY THE HANDICAPPED.

WATER HAMMER ARRESTER SCHEDULE							
CHART A - FOR GROUPED FIXTURES		CHART B - FOR LONG PIPE RUNS					
P.D.I. SIZE	FIXTURE UNITS	P.D.I. WATER HAMMER ARRESTERS					
		LENGTH OF PIPE	NOMINAL PIPE DIAMETER				
A	1-11						
B	12-32						
C	33-60	25'	A	A	B	C	D
D	61-113	50'	A	B	C	D	E
E	114-154	75'	B	C	D	AE	FF
F	155-330	100'	C	D	E	F	CF
		125'	C	D	F	AE	FF
		150'	D	E	F	DF	FF

- NOTES:
- WATER HAMMER ARRESTERS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD PDI-WH201.

PLUMBING SHEET INDEX	
Sheet Number	Sheet Name
R-P000	PLUMBING GENERAL
RF-P100	PLUMBING DETAILS
RF-P200	PLUMBING FLOOR PLAN - LEVEL P4 - ZONE R1
RF-P201	PLUMBING FLOOR PLAN - LEVEL P4 - ZONE R2
RF-P202	PLUMBING FLOOR PLAN - LEVEL P3 - ZONE R1
RF-P203	PLUMBING FLOOR PLAN - LEVEL P3 - ZONE R2
RF-P204	PLUMBING FLOOR PLAN - LEVEL P2 - ZONE R1
RF-P205	PLUMBING FLOOR PLAN - LEVEL P2 - ZONE R2
RF-P206	PLUMBING FLOOR PLAN - LEVEL P1 - ZONE R1
RF-P207	PLUMBING FLOOR PLAN - LEVEL P1 - ZONE R2
RF-P208	PLUMBING FLOOR PLAN - LEVEL 1 - ZONE R1
RF-P209	PLUMBING FLOOR PLAN - LEVEL 1 - ZONE R2
RF-P210	PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R1
RF-P211	PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R2
RF-P212	PLUMBING FLOOR PLAN - LEVEL 3
RF-P213	PLUMBING FLOOR PLAN - LEVEL 4-14
RF-P214	PLUMBING FLOOR PLAN - LEVEL 15-18
RF-P215	PLUMBING FLOOR PLAN - LEVEL 19
RF-P216	PLUMBING FLOOR PLAN - ROOF
RF-P400	PLUMBING PART PLANS
RF-P401	PLUMBING PART PLANS
RF-P402	PLUMBING PART PLANS
RF-P403	PLUMBING PART PLANS
R-P404	PLUMBING PART PLANS
RF-P500	PLUMBING RISER DIAGRAMS

PLUMBING ABBREVIATIONS	
ABBR.	DESCRIPTION
AC	ABOVE CEILING
AAV	AIR ADMITTANCE VALVE
AF	ABOVE FINISHED GRADE
AFG	ABOVE FINISHED FLOOR
BF	BELOW FLOOR
BG	BELOW GRADE
CL	CENTER LINE
CO	CLEANOUT
CLG	CEILING
CW	COLD WATER
DN	DOWN
EW	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
GCO	GRADE CLEANOUT
GT	GREASE TRAP
GV	GATE VALVE
GW	GREASE WASTE
HD	HUB DRAIN
HW	HOT WATER
INVEL	INVERT ELEVATION
LV	LAVATORY
NA	NOT APPLICABLE
OH	OVERHEAD
OD	OVERFLOW DRAINAGE
ORD	OVERFLOW ROOF DRAIN
RD	ROOF DRAIN
SS	SANITARY
SK	SINK
SS	SANITARY SEWER
ST	STORM
TYP	TYPICAL
UR	URNAL
V	VENT
VTR	VENT THRU ROOF
WC	WATER CLOSET
WCO	WALL CLEANOUT
W	WASTE
TP	TRAP PRIMER
UIC	UNDER COUNTER

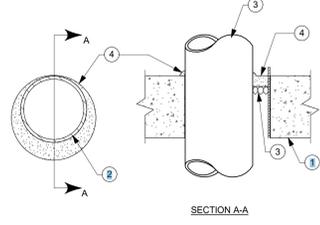
NOTE: THESE ARE STANDARD ABBREVIATIONS. ALL ITEMS MAY NOT APPEAR ON DRAWINGS.

PLUMBING FIXTURE SCHEDULE										
MARK	DESCRIPTION	MAKE / MODEL	LOCATION	FIXTURE SUPPORT	MIN. CONNECTION SIZE			MINIMUM VENT SIZE	REMARKS	
					CW	HW	WASTE			
LV-1	LAVATORY	KOHLER K-2214-G	PUBLIC AREAS	COUNTER	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH KOHLER K-14406-3 FAUCET. PROVIDE WITH AERATOR FOR A MAXIMUM FLOW RATE OF 0.5 GPM.	
LV-2	LAVATORY	SEE ARCH PLANS	UNITS	COUNTER	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH KOHLER K-73060-4 FAUCETS. 1.2 GPM.	
SK-1	SINK	SEE ARCH PLANS	UNITS	COUNTER	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH KOHLER K-22972-CP. 1.5 GPM.	
SK-2	SINK	SEE ARCH PLANS	PANTRY	COUNTER	1/2"	1/2"	2"	SEE PLANS	SEE ARCHITECTURAL PLANS FOR EXACT SPECIFICATIONS. 2.0 GPM MAX.	
WC-1	WATER CLOSET (FLUSH VALVE)	TOTO CT780V(G)	PUBLIC AREAS	WALL	1"	---	4"	SEE PLANS	PROVIDE WITH OPEN FRONT SEAT AND FIXTURE CARRIER. 1.0 GPF MAX.	
WC-2	UNIT WATER CLOSET (FLUSH TANK)	SEE ARCH PLANS	UNITS	FLOOR	3/4"	---	4"	SEE PLANS	1.28 GPF MAX.	
SH-2	SHOWER	SEE ARCH PLANS	UNITS	FLOOR	1/2"	1/2"	2"	SEE PLANS	TRENCH DRAIN SHOWER PAN WITH 10-3685-05/SH-SOLID DRAIN COVER. PROVIDE WITH KOHLER K-76474 SHOWER HEAD (2.0 GPM) AND KOHLER K-TS73115-4 SHOWER VALVE.	
BT-2	BATH TUB	SEE ARCH PLANS	UNITS	FLOOR	1/2"	1/2"	2"	SEE PLANS	STAND ALONE TUB. PROVIDE WITH KOHLER K-T73087-4-CP FAUCET.	
FD-1	FLOOR DRAIN	MIFAB F1103-C-TS	FOH DRAINS	FLOOR	**12"	---	3"	SEE PLANS	*TOP SET FINISHED FLOOR DRAIN WITH 6" DIAM. ADJUSTABLE NICKEL BRONZE STRAINER. PROVIDE WITH PLASTIC COVER AND TRAP PRIMER CONNECTION (**PROVIDE WITH 1/2" TRAP PRIMER CONNECTION FROM NEARBY SINK TAILPIECE - MIFAB MODEL MI-750 OR APPROVED EQUAL).	
FD-2	FLOOR DRAIN	MIFAB F1103-C-TS	BOH DRAINS	FLOOR	---	---	3"	SEE PLANS	*TOP SET FINISHED FLOOR DRAIN WITH 6" DIAM. ADJUSTABLE NICKEL BRONZE STRAINER. PROVIDE WITH PLASTIC COVER, SEDIMENT BUCKET, AND TRAP GUARD IN LIEU OF TRAP PRIMER.	
DD-1	DECK DRAIN	MIFAB R1200-RB15	AMENITY	FLOOR	---	---	---	SEE PLANS	INCLUDED BALLAST GRID TO BE ORDERED WITH HEIGHT AS REQUIRED SUCH THAT TOP OF GRATE IS FLUSH WITH FINISHED FLOOR.	
PD-1	PARKING DRAIN	MIFAB F1320-C	PARKING DECK	FLOOR	---	---	3"	---	AREA DRAIN WITH ADJUSTABLE, HEEL-PROOF, 9" DIAM TRACTOR GRATE RATED FOR TRUCK LOADS.	
RD-1	ROOF DRAIN	ZURN Z100F	ROOF	ROOF	---	---	---	SEE PLANS	HIGH PERFORMANCE ROOF DRAIN WITH GRAVEL STOP AND CAST IRON DOME. PROVIDE WITH EXTENSIONS AS NECESSARY. OVERFLOW SHALL BE PROVIDED WITH A 2" HIGH WATER DAM.	
RD-2	ROOF DRAIN	ZURN Z100F	ROOF	ROOF	---	---	---	SEE PLANS	HIGH PERFORMANCE ROOF DRAIN WITH GRAVEL STOP AND CAST IRON DOME. PROVIDE WITH EXTENSIONS AS NECESSARY. OVERFLOW SHALL BE PROVIDED WITH A 2" HIGH WATER DAM.	
TD-1	TRENCH DRAIN	MIFAB T2000-PB-13	AMENITY	FLOOR	---	---	---	SEE PLANS	8" WIDE, 6" DEEP, GLASS FIBER REINFORCED POLYESTER TRENCH DRAIN WITH HEEL PROOF GRATE. CUT TO LENGTH AS SHOWN ON PLANS. COORDINATE EXACT LENGTH WITH ARCHITECTURAL PLANS. PROVIDE WITH NEUTRAL PIECES AS NECESSARY TO LIMIT TOTAL DEPTH AND BOTTOM OUTLET AT LOCATIONS SHOWN.	
GI-1	GREASE INTERCEPTOR	MIFAB SUPER-1500	GROUND LEVEL	FLOOR	---	---	6"	SEE PLANS	PROVIDE WITH REMOTE PUMP OUT KIT, HIGH LEVEL ALARM, AND LID EXTENDERS AS NECESSARY. LIDS SHALL BE TRAFFIC RATED.	
IMB-1	ICE MAKER SUPPLY BOX	OATEY	37385	WALL	1/2"	---	---	---	FIRE-RATED ICE MAKER SUPPLY BOX WITH INTEGRAL WATER HAMMER ARRESTOR AND QUARTER TURN STOP VALVE. OATEY MODEL 37897 TO BE USED IN LIEU OF MODEL SPECIFIED FOR ANY IMB INSTALLED IN NON FIRE-RATED ASSEMBLIES.	
WMB-1	WASHING MACHINE SUPPLY BOX	OATEY	37357	WALL	1/2"	1/2"	3"	SEE PLANS	FIRE RATED WASHING MACHINE SUPPLY BOX WITH QUARTER-TURN STOP VALVES AND INTEGRAL WATER HAMMER ARRESTORS. OATEY MODEL 37699 TO BE USED IN LIEU OF MODEL SPECIFIED FOR ANY WMB INSTALLED IN NON FIRE-RATED ASSEMBLIES.	
FS-1	FLOOR SINK	MIFAB	FS1520-FL-C	FLOOR	---	---	3"	SEE PLANS	8"x8" FLOOR SINK WITH FLANGE. WHITE ACID RESISTANT INTERIOR. MEMBRANE CLAMP. WEEP HOLES. ALUMINUM DOME STRAINER. AND STAINLESS STEEL SEDIMENT BUCKET. PROVIDE WITH TRAP GUARD IN LIEU OF TRAP PRIMER.	
DS-1	DOWNSPOUT	MIFAB	R1940	WALL	---	---	---	SEE PLANS	FABRICATED BRONZE DOWNSPOUT WITH THREADED OUTLET.	
PR-1	PROMENADE DRAIN	MIFAB	F1100-C-POD	FLOOR	---	---	---	SEE PLANS	PROMENADE DECK DRAIN.	
NFRH-1	NON-FREEZE ROOF HYDRANT	WOODFORD	RHY1-MS	ROOF	3/4"	---	---	---	SELF DRAINING, NON FREEZE ROOF HYDRANT WITH ROOF DECK MOUNTING HARDWARE, AND THREADED OUTLET.	
DF-1	DRINKING FOUNTAIN	ELKAY	EZWS-EDFPB117K	WALL	3/4"	---	2"	SEE PLANS	B-LEVEL DRINKING FOUNTAIN WITH INTEGRAL BOTTLE FILLING STATION.	
MS-1	MOP SINK	FIAT	MSB2424	FLOOR	3/4"	3/4"	3"	SEE PLANS	PROVIDE WITH 830AA SERVICE FAUCET WITH INTEGRAL PAIL HOOK, WALL BRACE, THREADED OUTLET, AND VACUUM BREAKER. PROVIDE WITH MSG2424 WALL GUARDS.	
PT-1	PLANTER DRAIN	MIFAB	F1810	FLOOR	---	---	---	SEE PLANS	PLANTER DECK DRAIN WITH DOME.	
US-1	UTILITY SINK	ELKAY	B1C18X18X	FLOOR	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH DELTA 2879 FAUCET.	
HB-1	HOSE BIB	WOODFORD	MODEL 26	WALL	3/4"	---	---	---	MILD CLIMATE HOSE BIBB WITH INTEGRAL VACUUM BREAKER. PROVIDE WITH SHUT-OFF VALVE IN ACCESSIBLE LOCATION.	

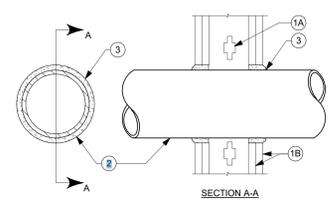
ELECTRIC WATER HEATER SCHEDULE										
MARK	TYPE	STORAGE CAPACITY (GAL.)	KW	RECOVERY @ 80°F TEMP RISE (GPH)	MAKE/MODEL	ELECTRICAL	LOCATION	REMARKS		
EWH-1	TANKLESS	---	5.0	---	EEMAX AM007240T	208V/1PH	LEVEL 1 UNISEX RR	WITH INTEGRAL, ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
EWH-2	TANKLESS	---	5.0	---	EEMAX AM007240T	208V/1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL, ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
EWH-3	TANKLESS	---	5.0	---	EEMAX AM007240T	208V/1PH	LEVEL 3 UNISEX RR	WITH INTEGRAL, ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
EWH-4	TANKLESS	---	5.0	---	EEMAX AM007240T	208V/1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL, ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
EWH-5	TANKLESS	---	5.0	---	EEMAX AM007240T	208V/1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL, ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
EWH-6	TANKLESS	---	5.0	---	EEMAX AM007240T	208V/1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL, ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
EWH-7	TANK-TYPE	80	12.5	63	A.O. SMITH DRE-80	480V/3PH	LEVEL 3 JANITORS CLOSET	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.		
EWH-8	TANK-TYPE	20	4.5	23	A.O. SMITH DEL-20	277V/1PH	LEVEL 2 JANITORS CLOSET	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.		
EWH-9	TANK-TYPE	10	4.5	18	A.O. SMITH DEL-10	208V/1PH	LEVEL 2 JANITORS CLOSET	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.		
EWH-10	TANK-TYPE	10	3.0	18	A.O. SMITH DEL-10	208V/1PH	LEVEL 2 JANITORS CLOSET	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.		
EWH-11	TANK-TYPE	50	4.5	23	A.O. SMITH DEL-40	208V/1PH	2 BH UNITS	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.		
EWH-A	TANK-TYPE	40	4.5	23	A.O. SMITH DEL-40	208V/1PH	STUDIO & 1BH UNITS	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.		
EWH-B	TANK-TYPE	50	4.5	23	A.O. SMITH DEL-40	208V/1PH	2 BH UNITS	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.		
EWH-C	TANK-TYPE	50	4.5	23	A.O. SMITH DEL-50	208V/1PH	3 BH UNITS	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.		

PUMP SCHEDULE										
MARK	SERVICE	MAKE/MODEL	CAPACITY (GPM)	DISCHARGE HEAD (FT)	HP (70 W)	ELECTRICAL	REMARKS			
CP-1	HOT WATER CIRCULATION	BELL AND GOSSETT ECOCIRC® 20-18	2	5	---	115V/1PH	ELECTRICALLY COMMUTATED MOTOR WITH BUILT-IN ELECTRICAL OVERLOAD AND DRY RUN PROTECTION. INTEGRAL, STAND-ALONE CONTROLS FOR CONSTANT TEMPERATURE OPERATION (SET AT 115°F). STAINLESS STEEL CONSTRUCTION. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.			
ESP-1	ELEVATOR SUMP PUMP	ZOELLER/940-0014	50	20	1/2	115V/1PH	PREPACKAGED OIL MINDER SUMP PUMP WITH ALARM PANEL. PROVIDE WITH FULL OPEN PORT SHUT OFF VALVE AND CHECK VALVE. PLUG-TYPE DISCONNECT. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.			
ESP-2	ELEVATOR SUMP PUMP	ZOELLER/188								

SYSTEM NO. C-AJ-1044
 F Ratings - 2, 3, and 4 Hr (See Item 2A and 4)
 T Rating - 0 Hr
 L Rating @ Ambient - 2 CFM/sq ft
 L Rating @ 400 F - less than 1 CFM/sq ft
 W Rating - Class I (See Item 4)



SYSTEM NO. W-L-1001
 F Ratings - 1, 2, 3, and 4 Hr (See Item 2 and 3)
 T Ratings - 0, 1, 2, 3, and 4 Hr (See Item 3)
 L Rating @ Ambient - less than 1 CFM/sq ft
 L Rating @ 400 F - less than 1 CFM/sq ft



1 Floor or Wall Assembly - Lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Except as noted in table under item 4, min thickness of solid concrete floor or wall assembly is #12 in. (114 mm). Floor may also be constructed of any min 6 in. (152 mm) thick UL Classified hollow core. When floor is Precast Concrete Units* constructed of hollow core precast concrete units, packing material (Item 3) and caulk fill material (Item 4) to be installed symmetrically on both sides of floor. Wall assembly may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening in solid lightweight or normal weight concrete. Floor is 32 in. (813 mm). Max diam of opening in floor constructed of hollow-core precast concrete units is 7 in. (178 mm).

2 Wall Assembly - The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

- 1A. Steel Sleeve (Optional, not shown) - Nom. 16 in. (406 mm) diam. (or smaller) Schedule 10 (or heavier) steel sleeve cast or grouted into floor or wall assembly. Sleeve may extend a max of 2 in. (51 mm) above top of floor or beyond either surface of wall. As an alternate, nom. 16 in. (406 mm) diam. (or smaller) min 0.028 (0.71 mm) thick galvanized sheet steel sleeve cast or grouted into floor or wall assembly flush with floor or wall surfaces.
- 2. Through Penetrants - One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. Max annular space between pipe, conduit or tubing and edge of through opening or sleeve is dependent on the parameters shown in Item 4. Min annular space between pipe or conduit and edge of through opening is 0 in. (point contact). Max annular space to be as shown in the table in Item 4. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
 - A. Steel Pipe - Nom 30 in. (762 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
 - B. Iron Pipe - Nom 30 in. (762 mm) diam (or smaller) cast or ductile iron pipe.
 - C. Conduit - Nom 6 in. (152 mm) diam (or smaller) rigid steel conduit.
 - D. Conduit - Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing.
 - E. Copper Tubing - Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tube.
 - F. Copper Pipe - Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe.

- 3. Gypsum Board* - Nom #2 or 5/8 in. (13 or 16 mm) thick, 4 ft. (122 cm) wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 26 in. (660 mm).
- 2. Through Penetrant - One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min of 0 in. (0 mm) (point contact) to max 2 in. (51 mm). Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
 - A. Steel Pipe - Nom 24 in. (610 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
 - B. Iron Pipe - Nom 24 in. (610 mm) diam (or smaller) service weight (or heavier) cast iron pipe, nom 12 in. (305 mm) diam (or smaller) or Class 50 (or heavier) ductile iron pressure pipe.
 - C. Conduit - Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe.
 - D. Copper Tubing - Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing.
 - E. Copper Pipe - Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe.
 - F. Through Penetrating Product* - Flexible Metal Piping - The following types of steel flexible metal gas piping may be used:
 - 1. Nom 2 in. (51 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.
 - OMEGA FLEX INC
 - 2. Nom 3 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.
 - GASTITE, DIV. OF TITEXLEX
 - 3. Nom 3 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.
 - WARD MFG INC

- 3. Packing Material - Polyethylene backer rod or nom 1/2 in. (25 mm) thickness of tightly-packed mineral wool batt or glass fiber insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of caulk fill material (Item 4).
- 3A. Forming Material - As an alternate to the packing material in Item 3, nom 4 in. (102 mm) wide strips of min. 1/2 in. (13 mm) thick compressible mat to be stacked to a thickness greater than the width of the annular space and compression-fitted, edge-first, to fill the annular space to a min. 4 in. (102 mm) depth. As an option, the strips of min. 1/2 in. (13 mm) thick compressible mat may be folded in half, lengthwise, and stacked to a thickness greater than the width of the annular space and compression-fitted, edge-first, to fill the annular space to a min. 2 in. (51 mm) depth. Top of forming material to be recessed from top surface of floor or from both surfaces of wall as necessary to accommodate the required thickness of caulk fill material.

- 4. Fill/Void or Cavity Material* - Caulk, Sealant - Applied to fill the annular space flush with top surface of floor. In wall assemblies, required caulk thickness to be installed symmetrically on both sides of wall, flush with wall surface. At point contact location between penetrant and sleeve or between penetrant and concrete, a min 1/8 in. (6 mm) diam bead of caulk shall be applied at top surface of floor and at both surfaces of wall. The hourly F Ratings and the min required caulk thicknesses are dependent upon a number of parameters, as shown in the following table:

Min Floor or Wall Thickness in. (mm)	Nom Pipe Tube or Conduit Diam in. (mm)	Max Annular Space in. (mm)	Min Caulk Thickness in. (mm)	F Rating Hr
2 1/2 (64)	1 1/2 (38)	1-3/8 (35)	1/2 (13)	2
2 1/2 (64)	1 1/2 (38)	3-1/4 (83)	1 (25)	2
4 1/2 (114)	1 1/2 (38)	1-3/8 (35)	1/4 (6) (a)	2
4 1/2 (114)	1 1/2 (38)	1-1/4 (32)	1/2 (13)	3
4 1/2 (114)	1 1/2 (38)	1-1/4 (32)	1 (25)	3
4 1/2 (114)	1 1/2 (38)	3-1/4 (83)	1 (25)	3
4 1/2 (114)	1 1/2 (38)	3-1/4 (83)	1 (25)	3
4 1/2 (114)	2 1/2 (64)	1-3/8 (35)	1/2 (13)	3
4 1/2 (114)	2 1/2 (64)	1-3/8 (35)	1 (25)	4

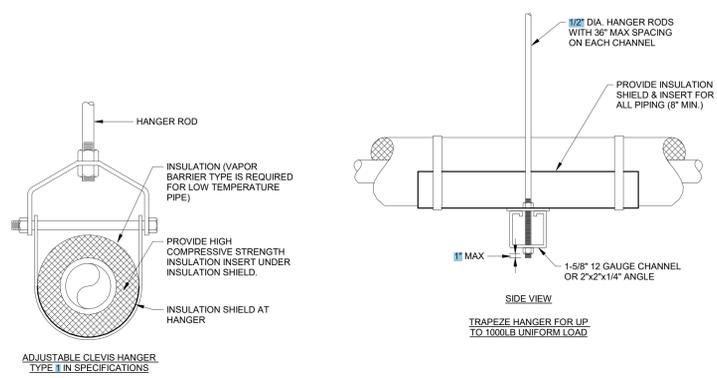
a. Min 2 in. (51 mm) thickness of mineral wool batt insulation or forming material (Item 3A) required in annular space.
 b. Min 1/2 in. (25 mm) thickness of mineral wool batt insulation required in annular space on both sides of floor or wall assembly. Min 1/2 in. (25 mm) thickness of caulk to be installed flush with each surface of floor or wall assembly.

3M COMPANY - CP 25WB or FB-3000 WT. (Note: W Rating applies only when FB-3000 WT sealant is used.)
 *Bearing the UL Classification Marking
 Copyright 2010 by Underwriters Laboratories Inc.

+When copper pipe is used, T Rating is 0 hr.
 3M COMPANY - CP 25WB or FB-3000 WT.
 *Bearing the UL Classification Marking
 Copyright 2010 Underwriters Laboratories Inc.

1 VERTICAL UL PIPE PENETRATION DETAIL
 R-P100 NOT TO SCALE

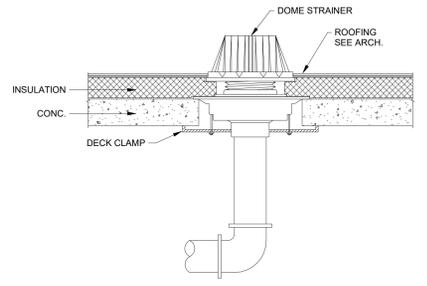
2 HORIZONTAL UL PIPE PENETRATION DETAIL
 R-P100 NOT TO SCALE



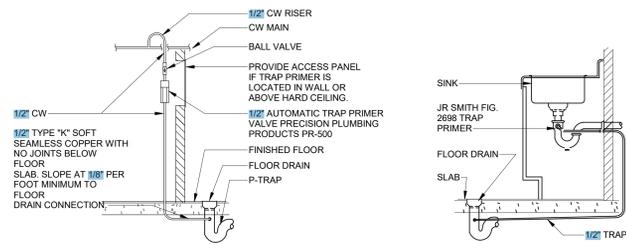
ADJUSTABLE CLEVIS HANGER TYPE II IN SPECIFICATIONS

- NOTES:**
- 1. SEE SPECIFICATIONS FOR SPACING OF HANGERS.
 - 2. PROVIDE SPRING ISOLATORS FOR FIRST 3 HANGERS UP TO AND BEYOND EQUIPMENT CONNECTION AND/OR THROUGHOUT MECHANICAL ROOMS OR MEZZANINE AREAS.

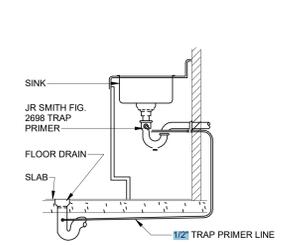
3 TYPICAL PIPE HANGER DETAIL
 R-P100 NOT TO SCALE



4 ROOF DRAIN
 R-P100 NOT TO SCALE



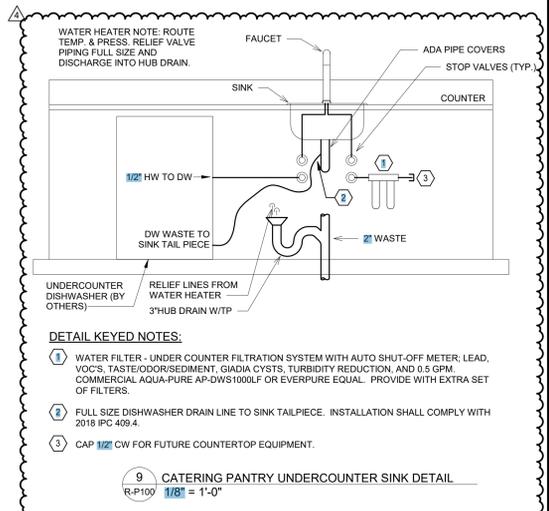
AUTOMATIC TRAP PRIMER



WATER SAVER TRAP PRIMER

- NOTES:**
- 1. ALL FLOOR DRAINS SHALL HAVE A TRAP PRIMER. USE AUTOMATIC TRAP PRIMERS OR WATER SAVER TRAP PRIMERS PER DETAILS ON THIS SHEET.

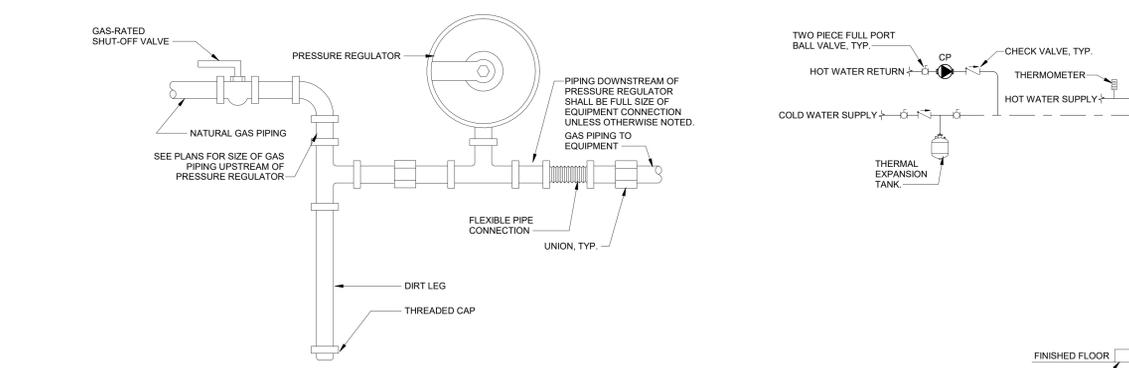
5 TRAP PRIMER DETAIL
 R-P100 NOT TO SCALE



WATER HEATER NOTE: ROUTE TEMP. & PRESS. RELIEF VALVE PIPING FULL SIZE AND DISCHARGE INTO HUB DRAIN.

- DETAIL KEYED NOTES:**
- 1. WATER FILTER - UNDER COUNTER FILTRATION SYSTEM WITH AUTO SHUT-OFF METER; LEAD, VOCS, TASTE/ODOR/SEDIMENT, GLADIA CYSTS, TURBIDITY REDUCTION, AND 0.5 GPM. COMMERCIAL AQUA-PURE AP-DWS1000LF OR EVERPURE EQUAL. PROVIDE WITH EXTRA SET OF FILTERS.
 - 2. FULL SIZE DISHWASHER DRAIN LINE TO SINK TAILPIECE. INSTALLATION SHALL COMPLY WITH 2018 IPC 409.4.
 - 3. CAP 1/2" CW FOR FUTURE COUNTERTOP EQUIPMENT.

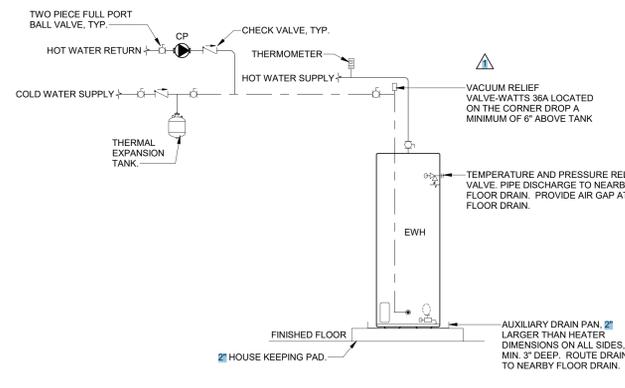
9 CATERING PANTRY UNDERCOUNTER SINK DETAIL
 R-P100 1/8" = 1'-0"



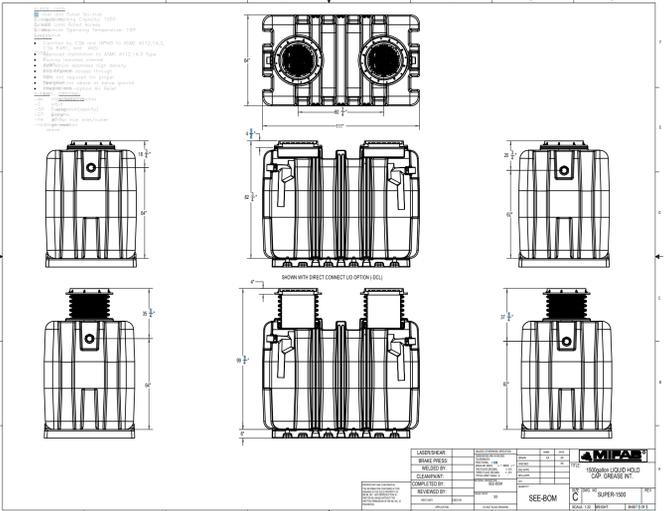
NOTES:

- 1. PRESSURE REGULATING VALVE VENT SHALL EXTEND TO BUILDING EXTERIOR OR HAVE VENT LIMITING MEANS.

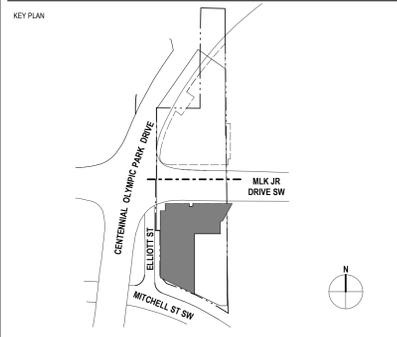
6 GAS PIPING DETAIL
 R-P100 NOT TO SCALE



7 ELECTRIC WATER HEATER ON FLOOR (W/ CP)
 R-P100 NOT TO SCALE



8 1500 GALLON GREASE TRAP DETAIL
 R-P100 12" = 1'-0"



4. BULLETIN 9	08.04.2023
1. CONSTRUCTION DOCUMENTS	03.03.2023
1. BUILDING PERMIT PACKAGE	01.27.2023
1. CONFORMED GMP PACKAGE	12.19.2022
1. BUILDING PERMIT PACKAGE	11.18.2022
NO. REVISIONS / SUBMISSIONS	DATE

CENTENNIAL atlanta YARDS

RESIDENTIAL (RE2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING DETAILS

SEAL	TYS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	
		R-P100
	ORIGINAL ISSUE DATE	11.18.2022

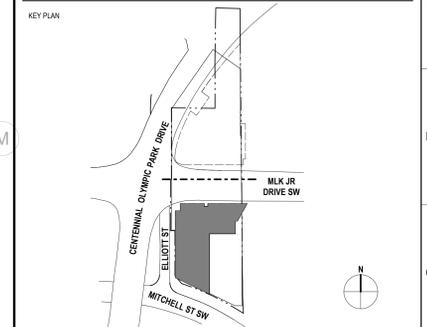
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GENERAL NOTES:

- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
- ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
- GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
- DO NOT ROUTE ANY PIPING OR PLACE ANY EQUIPMENT BELOW 7' ON THIS LEVEL.
- CONTRACTOR TO PROVIDE DRY SPRINKLER VALVE ON EACH LEVEL OF THE PARKING GARAGE FOR GARAGE DRY SPRINKLER SYSTEM. COORDINATE EXACT LOCATIONS WITH FIRE SPRINKLER DRAWINGS PROVIDED BY FIRE SPRINKLER ENGINEER.
- STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

- 1 NEW 12" W B.G. TIE INTO CIVIL MANHOLE.
- 2 NOT USED.
- 3 NOT USED.
- 4 8" W UP/DN.
- 5 6" W UP/DN.
- 6 SEE E1 PLANS FOR CONTINUATION.
- 7 STORM WATER PRE-FILTER (INTEWA MODEL PURAN-HD 400) TO BE SUSPENDED FROM CEILING. DISCHARGE SHALL BE WITHIN "REUSE WATER" SIDE OF STORM WATER VAULT. PROVIDE FULL SIZE OUTLET FROM OVERFLOW SIDE OF PREFILTER TO "NON RE-USE" SIDE OF STORM WATER VAULT.
- 8 STORM PIPES TO STORM VAULT.



NO.	REVISIONS / SUBMISSIONS	DATE
7	BULLETIN 13-R	01.15.2024
6	BULLETIN 11	11.01.2023
4	BULLETIN 9	08.04.2023
3	BULLETIN 6	05.12.2023
2	BULLETIN 5	04.17.2023
A	PERMIT COMMENTS	04.05.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022

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RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303

PLUMBING FLOOR PLAN - LEVEL B4 - ZONE R1

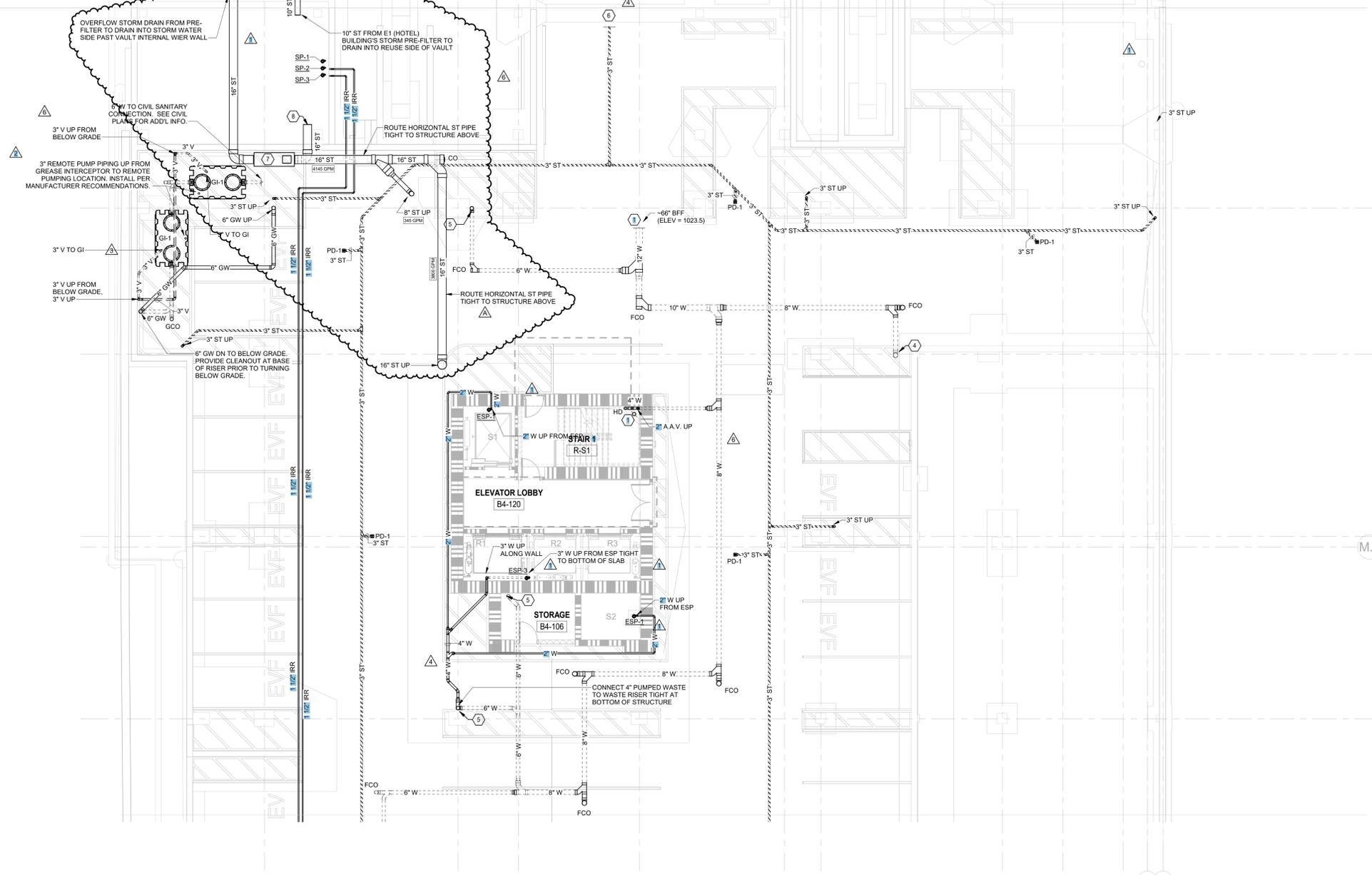
SEAL:

TVS PROJECT NUMBER: _____ SHEET NUMBER: **R-P200**

PROJECT NUMBER: _____ ORIGINAL ISSUE DATE: 11.18.2022



1 PLUMBING FLOOR PLAN - LEVEL B4 - ZONE R1
 R-P200 1/8" = 1'-0"



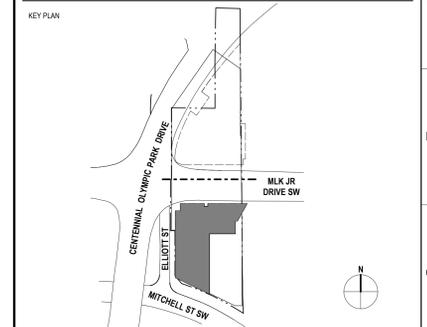
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GENERAL NOTES:

- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
- ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
- GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
- DO NOT ROUTE ANY PIPING OR PLACE ANY EQUIPMENT BELOW 7' ON THIS LEVEL.
- CONTRACTOR TO PROVIDE DRY SPRINKLER VALVE ON EACH LEVEL OF THE PARKING GARAGE FOR GARAGE DRY SPRINKLER SYSTEM. COORDINATE EXACT LOCATIONS WITH FIRE SPRINKLER DRAWINGS PROVIDED BY FIRE SPRINKLER ENGINEER.
- STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

- 1 STANPIPES WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 2 8" ST UP/DN.
- 3 6" ST UP/DN.
- 4 6" W UP/DN.



1 PLUMBING FLOOR PLAN - LEVEL B4 - ZONE R2
 R-P201 1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
7	BULLETIN 13-R	01.15.2024
6	BULLETIN 11	11.01.2023
4	BULLETIN 9	08.04.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022

CENTENNIAL YARDS

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RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303

PLUMBING FLOOR PLAN - LEVEL B4 - ZONE R2

SEAL: TVS PROJECT NUMBER: PROJECT NUMBER SHEET NUMBER: R-P201
 ORIGINAL ISSUE DATE: 11.18.2022

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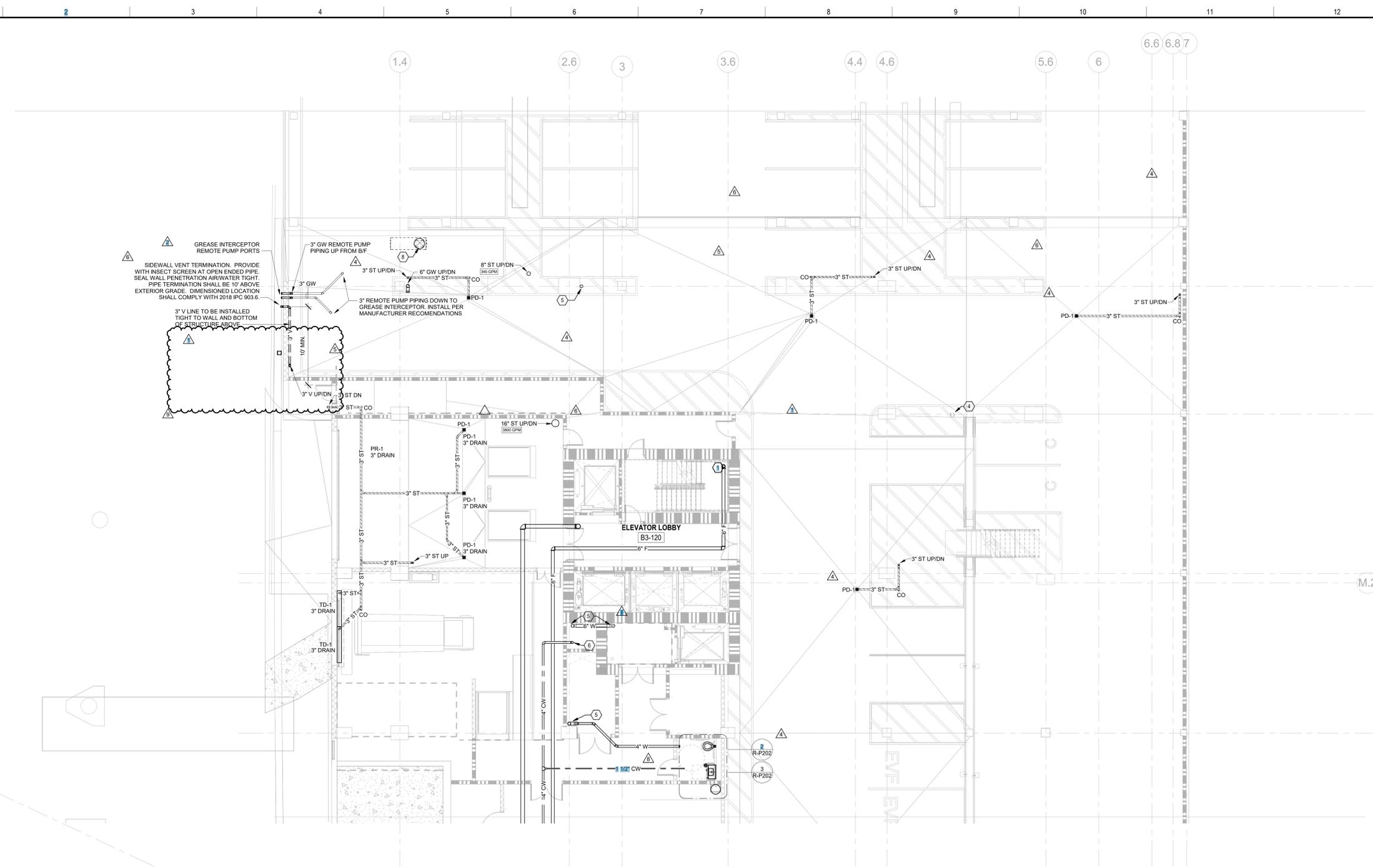
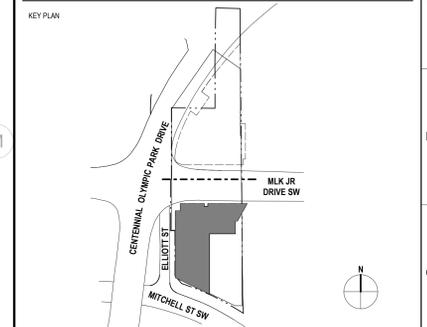
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GENERAL NOTES:

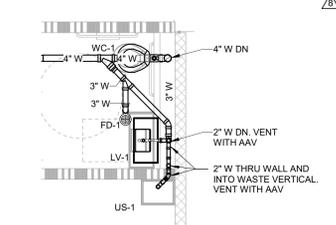
1. ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
2. ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
3. GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
4. DO NOT ROUTE ANY PIPING OR PLACE ANY EQUIPMENT BELOW 7' 2" ON THIS LEVEL.
5. CONTRACTOR TO PROVIDE DRY SPRINKLER VALVE ON EACH LEVEL OF THE PARKING GARAGE FOR GARAGE DRY SPRINKLER SYSTEM. COORDINATE EXACT LOCATIONS WITH FIRE SPRINKLER DRAWINGS PROVIDED BY FIRE SPRINKLER ENGINEER.
6. STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

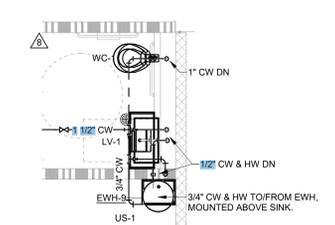
- 1 STANPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 2 NOT USED.
- 3 6" ST UP/DN.
- 4 6" W UP/DN.
- 5 6" W UP/DN.
- 6 4" CW UP/DN.
- 7 2" G (2 PSI) UP.
- 8 STORM WATER PRE-FILTER (INTEWA MODEL PURAIN-HD 400) IN LEVEL BELOW. INSTALL SUCH THAT UNIT CAN BE SERVICED / CLEANED FROM THIS LEVEL. PROVIDE MANHOLE ACCESS. GENERAL CONTRACTOR TO COORDINATE WITH SLAB REINFORCEMENT.
- 9 NOT USED.



1 PLUMBING FLOOR PLAN - LEVEL P3 - ZONE R1
 R-P202 1/8" = 1'-0"



2 PLUMBING SANITARY PART PLAN - LOADING DOCK RESTROOM
 R-P202 1/4" = 1'-0"



3 PLUMBING SUPPLY PART PLAN - LOADING DOCK RESTROOM
 R-P202 1/4" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
9	RF# 284 GM RELOCATION	10.2.2024
8	BULLETIN 13-R	07.17.2024
7	BULLETIN 13-R	01.15.2024
6	BULLETIN 11	11.01.2023
5	BULLETIN 10	09.15.2023
4	BULLETIN 9	08.04.2023
3	BULLETIN 6	05.12.2023
2	BULLETIN 6	04.17.2023
-	PERMIT COMMENTS	04.06.2023
-	CONSTRUCTION DOCUMENTS	03.03.2023
1	BUILDING PERMIT PACKAGE	01.27.2023
-	CONFORMED GMP PACKAGE	12.19.2022
-	BUILDING PERMIT PACKAGE	11.18.2022

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 SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL P3 - ZONE R1

SEAL: TVS PROJECT NUMBER: _____ SHEET NUMBER: _____
 PROJECT NUMBER: _____
 ORIGINAL ISSUE DATE: 11.18.2022

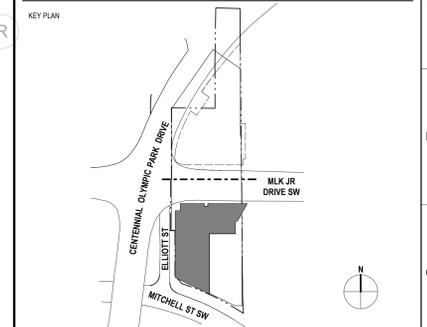
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GENERAL NOTES:

- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
- ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
- GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
- DO NOT ROUTE ANY PIPING OR PLACE ANY EQUIPMENT BELOW 7' ON THIS LEVEL.
- CONTRACTOR TO PROVIDE DRY SPRINKLER VALVE ON EACH LEVEL OF THE PARKING GARAGE FOR GARAGE DRY SPRINKLER SYSTEM. COORDINATE EXACT LOCATIONS WITH FIRE SPRINKLER DRAWINGS PROVIDED BY FIRE SPRINKLER ENGINEER.
- STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

- STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- NOT USED
- NOT USED
- 6" W UP/DN
- NEW 4" CW AND 6" F B/G. SEE CIVIL DRAWINGS FOR CONTINUATION.
- CW TO IRRIGATION SYSTEM PUMPS. PROVIDE WITH RP2 TYP BFP ON MAIN PRIOR TO BRANCHING TO EACH PUMP SYSTEM. PROVIDE WITH SHUT-OFF VALVES AT EACH PUMP CONNECTION AND UPSTREAM OF BFP.



1 PLUMBING FLOOR PLAN - LEVEL B3 - ZONE R2
 R-P203 1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
7	BULLETIN 13-R	01.15.2024
5	BULLETIN 10	09.15.2023
4	BULLETIN 9	08.04.2023
3	BULLETIN 6	05.12.2023
A	PERMIT COMMENTS	04.05.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022

CENTENNIAL YARDS
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 RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL B3 - ZONE R2

SEAL:

TYS PROJECT NUMBER: _____
 PROJECT NUMBER: _____
 SHEET NUMBER: **R-P203**

ORIGINAL ISSUE DATE: 11.18.2022

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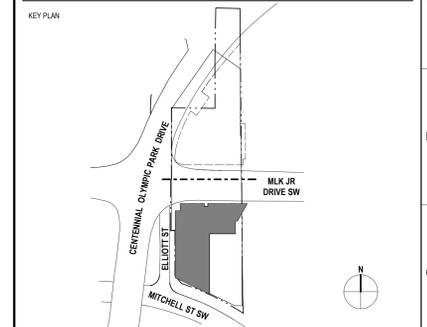
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GENERAL NOTES:

1. ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
2. ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
3. GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
4. DO NOT ROUTE ANY PIPING OR PLACE ANY EQUIPMENT BELOW 7' 2" ON THIS LEVEL.
5. CONTRACTOR TO PROVIDE DRY SPRINKLER VALVE ON EACH LEVEL OF THE PARKING GARAGE FOR GARAGE DRY SPRINKLER SYSTEM. COORDINATE EXACT LOCATIONS WITH FIRE SPRINKLER DRAWINGS PROVIDED BY FIRE SPRINKLER ENGINEER.
6. STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 3/16" PER FOOT

KEYED NOTES:

- 1. STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 2. NOT USED.
- 3. NOT USED.
- 4. 8" W UP/DN.
- 5. 6" W UP/DN.
- 6. 4" W UP/DN.
- 7. 2" G (2 PSI) UP/DN.



NO.	REVISIONS / SUBMISSIONS	DATE
9	RFW 284 GM RELOCATION	10.2.2024
8	SERVICE CORRIDOR UPDATE	09.04.2024
7	BULLETIN 13-R	01.15.2024
6	BULLETIN 11	11.01.2023
5	BULLETIN 10	09.15.2023
4	BULLETIN 9	08.04.2023
3	BULLETIN 8	05.12.2023
2	BULLETIN 7	04.17.2023
-	PERMIT COMMENTS	04.06.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
-	BUILDING PERMIT PACKAGE	01.27.2023
-	CONFORMED GMP PACKAGE	12.19.2022
-	BUILDING PERMIT PACKAGE	11.18.2022

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PLUMBING FLOOR PLAN - LEVEL P2 - ZONE R1

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P204
	ORIGINAL ISSUE DATE	11.18.2022

1 PLUMBING FLOOR PLAN - LEVEL P2 - ZONE R1
 R-P204 1/8" = 1'-0"

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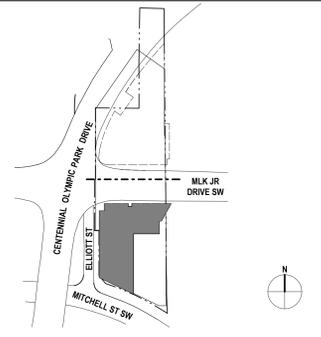
GENERAL NOTES:

1. ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
 2. ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
 3. GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
 4. DO NOT ROUTE ANY PIPING OR PLACE ANY EQUIPMENT BELOW 7' 2" ON THIS LEVEL.
 5. CONTRACTOR TO PROVIDE DRY SPRINKLER VALVE ON EACH LEVEL OF THE PARKING GARAGE FOR GARAGE DRY SPRINKLER SYSTEM. COORDINATE EXACT LOCATIONS WITH FIRE SPRINKLER DRAWINGS PROVIDED BY FIRE SPRINKLER ENGINEER.
 6. STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
- RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

- ① STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- ② 10" ST UP/DN
- ③ 8" ST UP/DN
- ④ 6" W UP/DN

KEY PLAN



1 PLUMBING FLOOR PLAN - LEVEL P2 - ZONE R2
 R-P205 1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
6	RFR 284 GM RELOCATION	10.2.2024
5	BULLETIN 13-R	01.15.2024
4	BULLETIN 11	11.01.2023
3	BULLETIN 9	08.04.2023
2	BULLETIN 6	05.12.2023
-	PERMIT COMMENTS	04.05.2023
-	CONSTRUCTION DOCUMENTS	03.03.2023
1	BUILDING PERMIT PACKAGE	01.27.2023
-	CONFORMED GMP PACKAGE	12.19.2022
-	BUILDING PERMIT PACKAGE	11.18.2022

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RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL P2 - ZONE R2

SEAL: PROJECT NUMBER: _____ SHEET NUMBER: **R-P205**

ORIGINAL ISSUE DATE: 11.18.2022

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GENERAL NOTES:

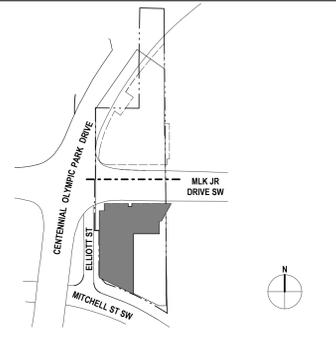
1. ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
2. ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
3. GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
4. DO NOT ROUTE ANY PIPING OR PLACE ANY EQUIPMENT BELOW 6" 2" ON THIS LEVEL.
5. CONTRACTOR TO PROVIDE DRY SPRINKLER VALVE ON EACH LEVEL OF THE PARKING GARAGE FOR GARAGE DRY SPRINKLER SYSTEM. COORDINATE EXACT LOCATIONS WITH FIRE SPRINKLER DRAWINGS PROVIDED BY FIRE SPRINKLER ENGINEER.
6. STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.

RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

- 1. STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 2. NOT USED
- 3. 8" ST UP/DN
- 4. 8" W UP/DN
- 5. 6" W UP/DN
- 6. 4" W UP/DN
- 7. NOT USED
- 8. 10" ST UP/DN
- 9. 2" G (2 PSH) UP/DN
- 10. 10" ST UP

KEY PLAN



1 PLUMBING FLOOR PLAN - LEVEL P1 - ZONE R1
 R-P206 1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
7	SERVICE CORRIDOR UPDATE	09.04.2024
6	BULLETIN 13-R	01.15.2024
5	BULLETIN 11	11.01.2023
4	BULLETIN 9	08.04.2023
3	BULLETIN 6	05.12.2023
2	BULLETIN 6	04.17.2023
-	PERMIT COMMENTS	04.06.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
-	BUILDING PERMIT PACKAGE	01.27.2023
-	CONFORMED GMP PACKAGE	12.19.2022
-	BUILDING PERMIT PACKAGE	11.18.2022

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RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL P1 - ZONE R1

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P206
	ORIGINAL ISSUE DATE	11.18.2022

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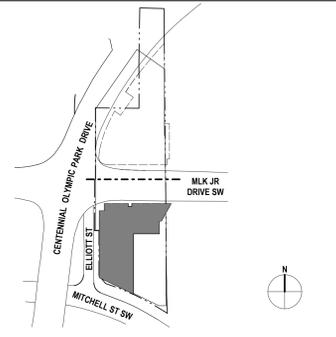
GENERAL NOTES:

- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
 - ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
 - GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
 - DO NOT ROUTE ANY PIPING OR PLACE ANY EQUIPMENT BELOW 6" ON THIS LEVEL.
 - CONTRACTOR TO PROVIDE DRY SPRINKLER VALVE ON EACH LEVEL OF THE PARKING GARAGE FOR GARAGE DRY SPRINKLER SYSTEM. COORDINATE EXACT LOCATIONS WITH FIRE SPRINKLER DRAWINGS PROVIDED BY FIRE SPRINKLER ENGINEER.
 - STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
- RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

- 1 STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 2 10" ST UP/DN
- 3 8" ST UP/DN
- 4 6" W UP/DN

KEY PLAN



1 PLUMBING FLOOR PLAN - LEVEL B1 - ZONE R2
 R-P207 1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
7	BULLETIN 13-R	01.15.2024
6	BULLETIN 11	11.01.2023
4	BULLETIN 9	08.04.2023
3	BULLETIN 6	05.12.2023
A	PERMIT COMMENTS	04.05.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022

CENTENNIAL YARDS

atlanta

RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL B1 - ZONE R2

SEAL: PROJECT NUMBER: _____ SHEET NUMBER: **R-P207**
 ORIGINAL ISSUE DATE: 11.18.2022

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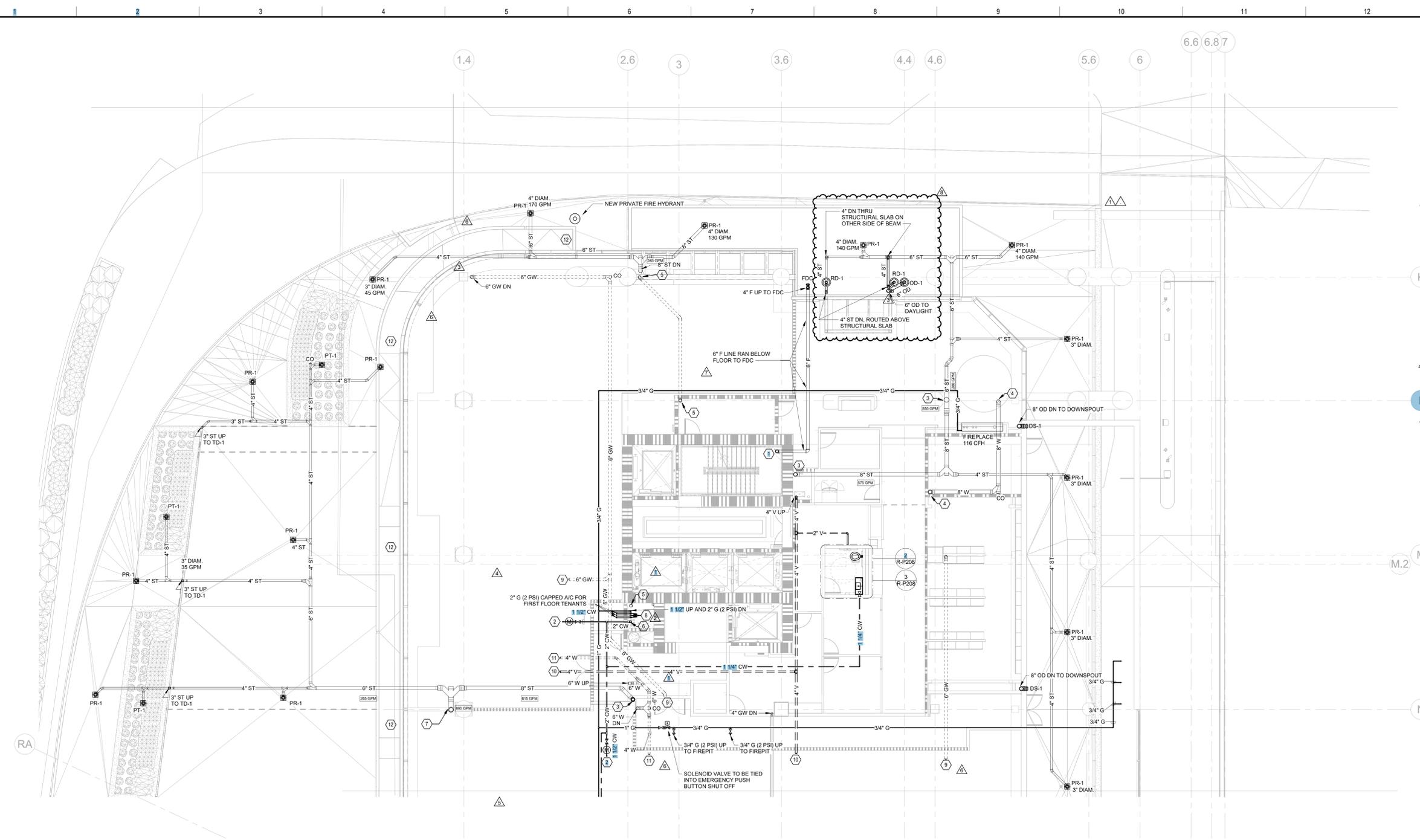
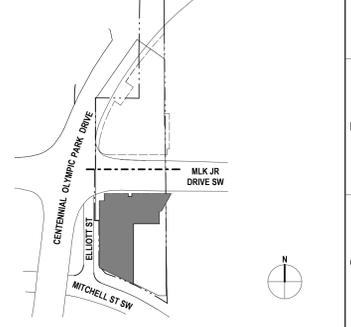
GENERAL NOTES:

- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
- GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
- PROVIDE BUILDING STANDARD REMOTE-READ WATER SUBMETER, SHUT OFF VALVE, AND CAP AT EACH FUTURE RETAIL SPACE TAP AS SHOWN. WATER SUBMETERS SHALL BE MTW MODEL M220. PROVIDE EACH SUBMETER WITH NEXT-CENTURY MODEL TR4 TRANSCEIVER. PLUMBING CONTRACTOR TO PROVIDE LOW VOLTAGE WIRING BETWEEN SUBMETER AND TRANSCEIVER. PROVIDE ONE (1) NEXT-CENTURY MODEL RE4 REPEATER AT THIS FLOOR'S CENTRAL ELDJF ROOM TO SERVE ALL RETAIL SUBMETERS. TRANSCEIVER AT THIS LEVEL TO WIRELESSLY TIE INTO 10TH FLOOR GATEWAY WITHIN ELDJF ROOM ON 10TH FLOOR. (R-1021) PROVIDE DATA CONNECTION TO REPEATER IN DJF ROOM. REPEATER IS TO BE PLUG-TYPE. COORDINATE EXACT LOCATION WITHIN DJF ROOM WITH LOW VOLTAGE AND ELECTRICAL CONTRACTORS.
- STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2:
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNWATCHED = 1/8" PER FOOT. WATCHED = 1/16" PER FOOT

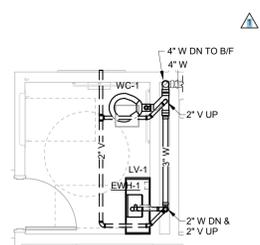
KEYED NOTES:

- STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 1-1/2" CW CAPPED FOR FUTURE TENANT. CW PIPING FOR TENANTS SHALL BE PROVIDED WITH SHUT OFF VALVE AND OWNER STANDARD SUBMETER. SEE GENERAL NOTE 3 FOR MORE INFORMATION.
- 8" ST UP/DN.
- 8" W UP/DN.
- 6" W UP/DN.
- 4" CW UP/DN.
- 10" ST DN.
- 2" G (2 PSI) DN.
- PROVIDE 6" GW CAPPED FOR FUTURE TENANT.
- 4" W CAPPED FOR FUTURE TENANT.
- CANOPY TO DRAIN VIA SCUPPER OPENING. COORDINATE EXACT LOCATIONS OF SCUPPERS WITH ARCHITECTURAL PLANS AND ELEVATIONS.
- PROVIDE 4" GW CAPPED FOR FUTURE TENANT.

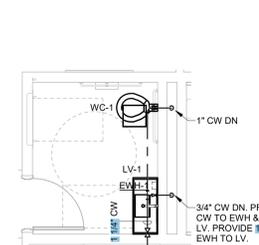
KEY PLAN



1 PLUMBING FLOOR PLAN - LEVEL 1 - ZONE R1
 R-P208 1/8" = 1'-0"



2 PLUMBING SANITARY PART PLAN - LEVEL 1 RESTROOM
 R-P208 1/4" = 1'-0"



3 PLUMBING SUPPLY PART PLAN - LEVEL 1 RESTROOM
 R-P208 1/4" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
8	RFI R-301.1	12.13.2024
7	RFI R-309	11.07.2024
6	SERVICE CORRIDOR UPDATE	09.04.2024
5	BULLETIN 16-R	07.17.2024
4	BULLETIN 10	09.15.2023
3	BULLETIN 9	08.04.2023
2	BULLETIN 8	04.17.2023
-	PERMIT COMMENTS	04.06.2023
-	CONSTRUCTION DOCUMENTS	03.03.2023
1	BUILDING PERMIT PACKAGE	01.27.2023
-	CONFORMED GMP PACKAGE	12.19.2022
-	BUILDING PERMIT PACKAGE	11.18.2022

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 RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL 1 - ZONE R1

SEAL: TVS PROJECT NUMBER: _____ SHEET NUMBER: **R-P208**
 PROJECT NUMBER: _____ ORIGINAL ISSUE DATE: 11.18.2022

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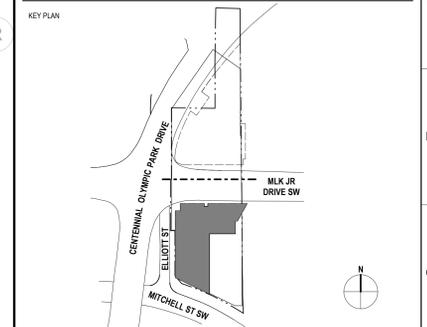
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GENERAL NOTES:

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 - GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
 - STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1105.2.
- RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

- STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 10" ST UP/DN.
- 6" ST UP/DN.
- 3" ST UP/DN.
- CANDY TO DRAIN VIA SLIPPER OPENING. COORDINATE EXACT LOCATIONS OF SLIPPERS WITH ARCHITECTURAL PLANS AND ELEVATIONS.



NO.	REVISIONS / SUBMISSIONS	DATE
6	SERVICE CORRIDOR UPDATE	09.04.2024
5	BULLETIN 16-R	07.17.2024
4	BULLETIN 13-R	01.15.2024
3	BULLETIN 10	09.15.2023
2	BULLETIN 9	08.04.2023
-	PERMIT COMMENTS	04.05.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022

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RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303

PLUMBING FLOOR PLAN - LEVEL 1 - ZONE R2

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P209
	ORIGINAL ISSUE DATE	11.18.2022

1 PLUMBING FLOOR PLAN - LEVEL 1 - ZONE R2
 R-P209 1/8" = 1'-0"

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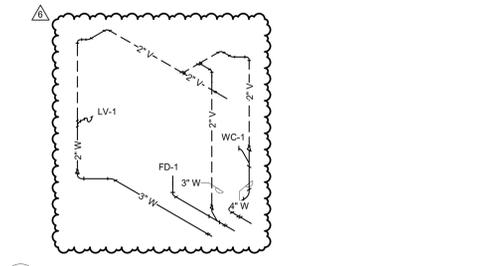
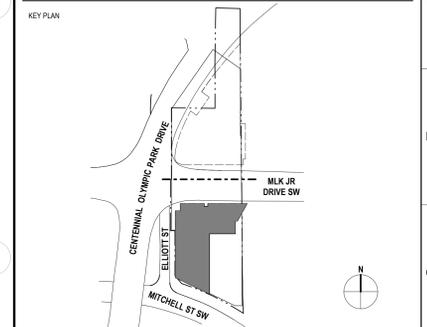
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GENERAL NOTES:

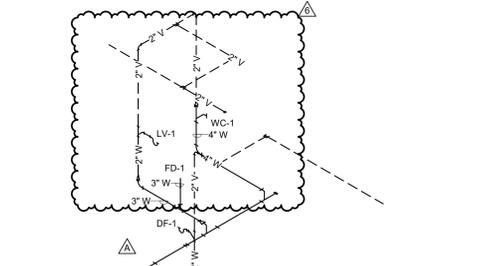
- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
 - ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
 - GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
 - STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
- RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT; HATCHED = 1/16" PER FOOT

KEYED NOTES:

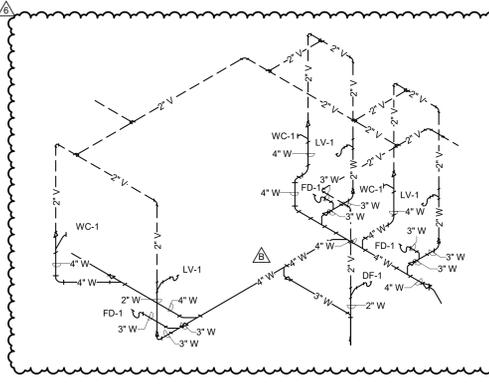
- STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 4" CW DN
- 8" ST DN
- 8" OD DN
- 6" STOD UP
- NOT USED
- 8" W UP/DN
- 6" W UP/DN
- 3/4" G (7"-14" W.C.) UP FROM BELOW TO GAS EQUIPMENT. SHUT OFF VALVE AND REGULATOR TO BE PROVIDED IN SPACE BELOW. SEE FLOOR PLANS BELOW AND DETAILS FOR ADDITIONAL INFORMATION.
- 1-1/2" G DN
- 1-1/2" G LINE TO BE ROUTED BELOW 4" CW LINE.



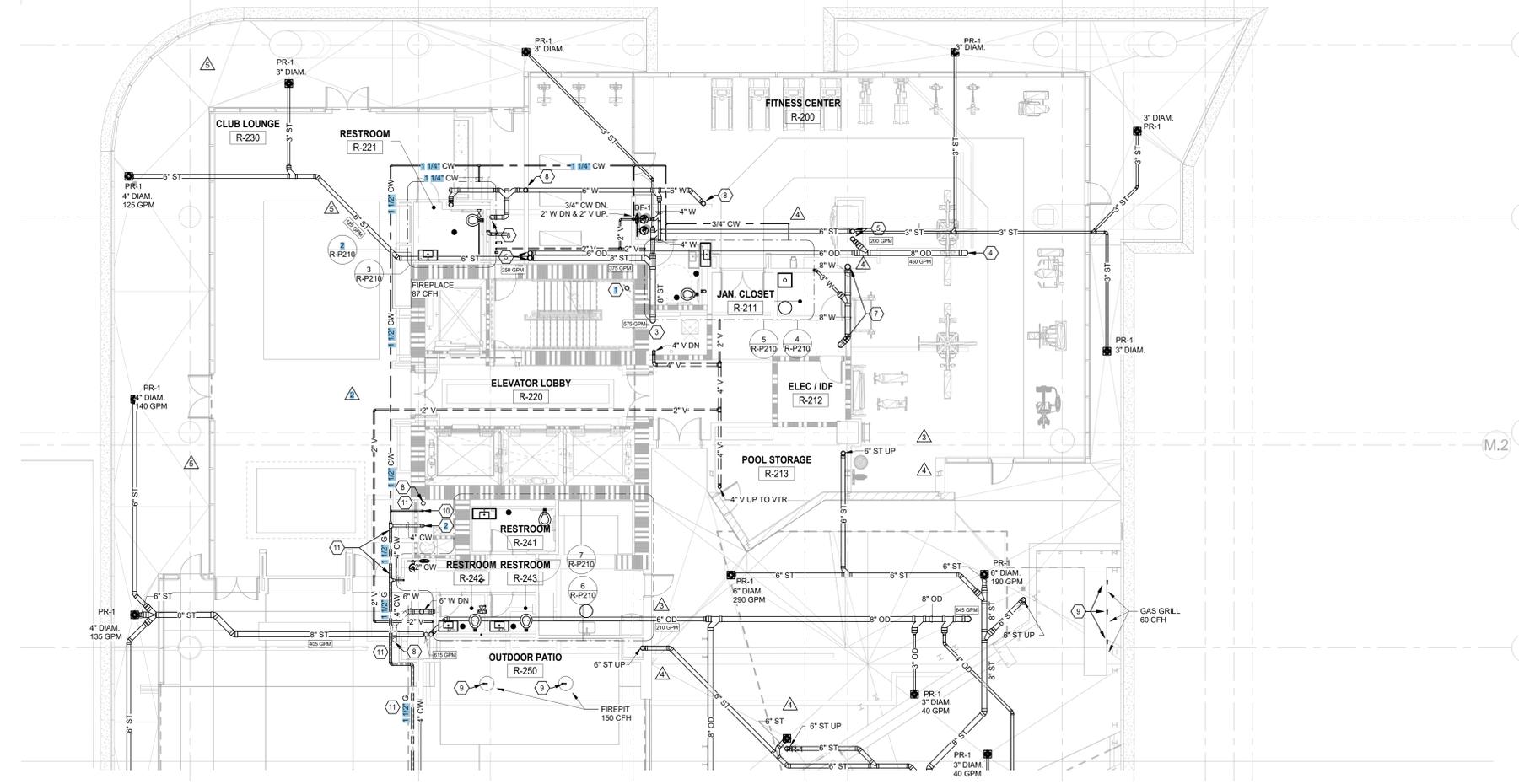
8 PLUMBING SANITARY RISER DIAGRAM - LEVEL 2 R1 - UNISEX RESTROOM 1
 R-P219 NOT TO SCALE



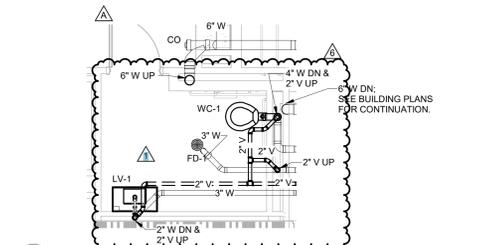
9 PLUMBING SANITARY RISER DIAGRAM - LEVEL 2 R1 - UNISEX RESTROOM 2
 R-P219 NOT TO SCALE



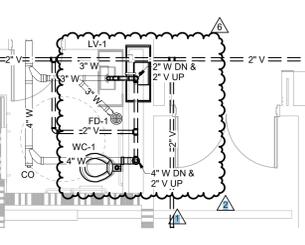
10 PLUMBING SANITARY RISER DIAGRAM - LEVEL 2 ZONE R1 - RESTROOM
 R-P219 NOT TO SCALE



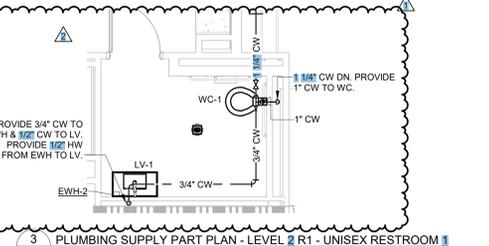
1 PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R1
 R-P219 1/8" = 1'-0"



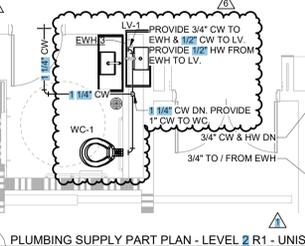
2 PLUMBING SANITARY PART PLAN - LEVEL 2 R1 - UNISEX RESTROOM 1
 R-P219 1/4" = 1'-0"



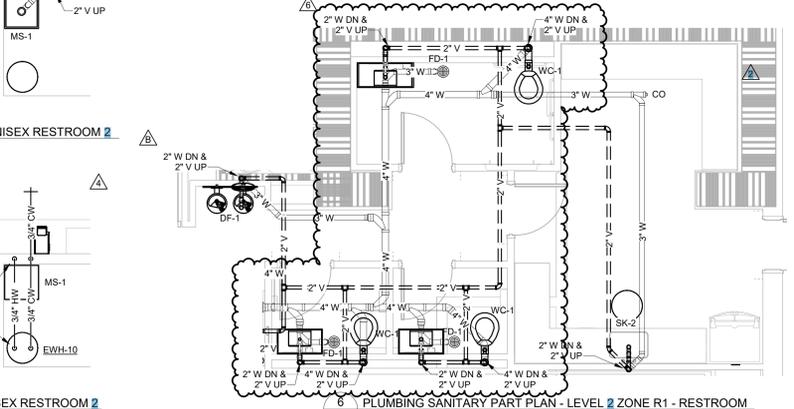
4 PLUMBING SANITARY PART PLAN - LEVEL 2 R1 - UNISEX RESTROOM 2
 R-P219 1/4" = 1'-0"



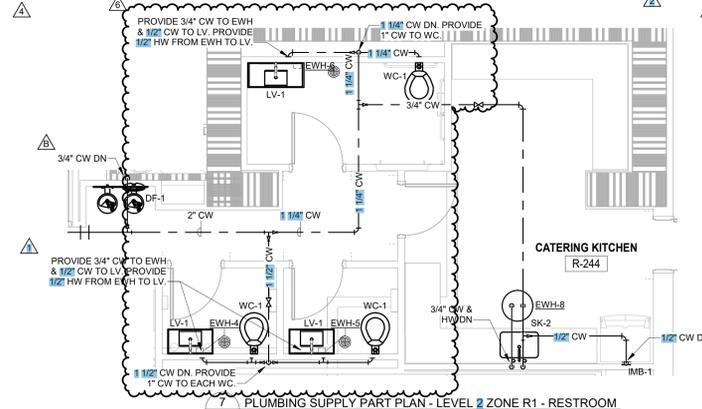
3 PLUMBING SUPPLY PART PLAN - LEVEL 2 R1 - UNISEX RESTROOM 1
 R-P219 1/4" = 1'-0"



5 PLUMBING SUPPLY PART PLAN - LEVEL 2 R1 - UNISEX RESTROOM 2
 R-P219 1/4" = 1'-0"



6 PLUMBING SANITARY PART PLAN - LEVEL 2 ZONE R1 - RESTROOM
 R-P219 1/4" = 1'-0"



7 PLUMBING SUPPLY PART PLAN - LEVEL 2 ZONE R1 - RESTROOM
 R-P219 1/4" = 1'-0"

6	RFI R-311	12.09.2024
5	BULLETIN 16-R	02.28.2024
4	BULLETIN 13-R	01.15.2024
3	BULLETIN 10	09.15.2023
2	BULLETIN 9	08.04.2023
B	PERMIT COMMENTS	04.19.2023
A	PERMIT COMMENTS	04.11.2023
-	PERMIT COMMENTS	04.06.2023
-	CONSTRUCTION DOCUMENTS	03.03.2023
1	BUILDING PERMIT PACKAGE	01.27.2023
-	CONFORMED GMP PACKAGE	12.19.2022
-	BUILDING PERMIT PACKAGE	11.18.2022
NO.	REVISIONS / SUBMISSIONS	DATE

CENTENNIAL YARDS

atlanta

RESIDENTIAL (RE2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303

PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R1

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P210
	ORIGINAL ISSUE DATE	11.18.2022

RELEASED FOR CONSTRUCTION

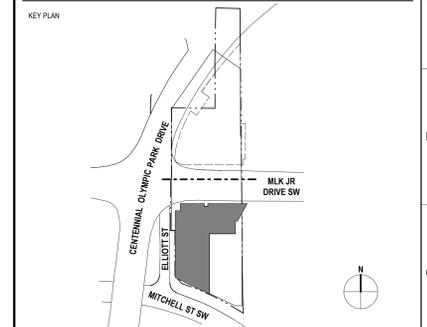
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GENERAL NOTES:

- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
 - ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
 - GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
 - STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
- RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT

KEYED NOTES:

- STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- 8" ST DN.
- 6" ST DN.
- 6" OD DN.
- 6" ST OD UP.
- 6" W UP DN.
- 1 1/2" CW TO POOL EQUIPMENT. PROVIDE WITH SHUT OFF VALVE AND CHECK VALVE.
- DRAIN WITHIN POOL CONTAINMENT BASIN. COORDINATE EXACT LOCATION WITH POOL CONSULTANT AND ARCHITECT.
- 3/4" G (7'-14" W.C.) UP FROM BELOW TO FIRE PIT. SHUT OFF VALVE AND REGULATOR TO BE PROVIDED IN SPACE BELOW. SEE FLOOR PLANS BELOW AND DETAILS FOR ADDITIONAL INFORMATION.
- 1" G PSI TO GAS POOL HEATER. COORDINATE EXACT LOCATION AND SUPPLY PRESSURE WITH POOL CONTRACTOR.
- 1-1/2" IRRIGATION LINE FROM BELOW. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR EXACT ROUTING.
- 4" CW UP.
- 1-1/2" G UP.
- GAS LINE TO BE ROUTED BELOW CW LINE.



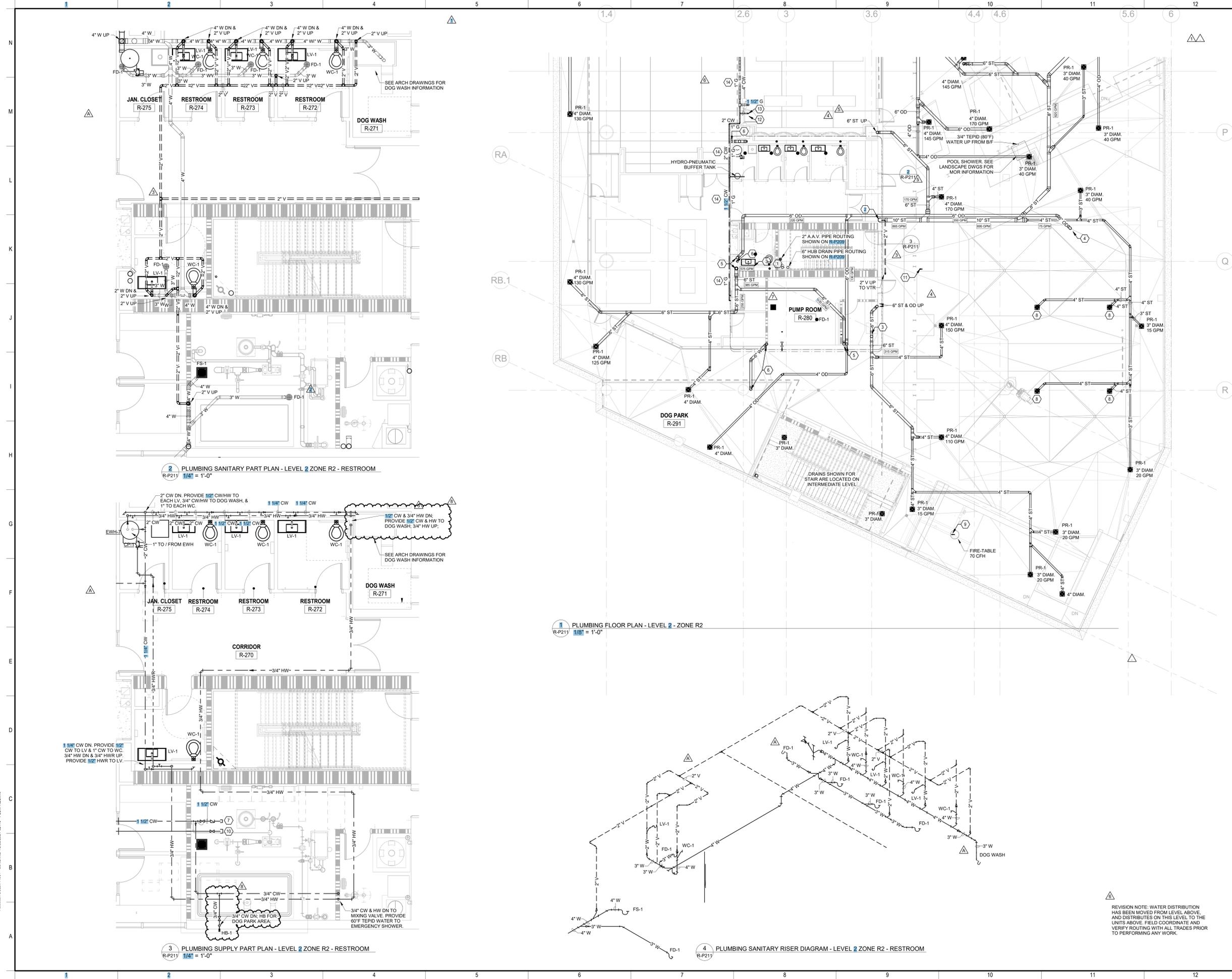
NO.	REVISIONS / SUBMISSIONS	DATE
8	DOG PARK & WASH REVISION	01.13.2025
7	BULLETIN 18-R	07.17.2024
6	BULLETIN 16-R	02.28.2024
5	BULLETIN 13-R	01.15.2024
4	BULLETIN 10	09.15.2023
3	BULLETIN 9	08.04.2023
A	PERMIT COMMENTS	04.19.2023
2	BULLETIN 8	04.17.2023
-	PERMIT COMMENTS	04.05.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
-	BUILDING PERMIT PACKAGE	01.27.2023
-	CONFORMED GMP PACKAGE	12.19.2022
-	BUILDING PERMIT PACKAGE	11.18.2022

CENTENNIAL
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 RESIDENTIAL (R-E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R2

SEAL: TVS PROJECT NUMBER: _____ SHEET NUMBER: _____
 PROJECT NUMBER: _____ ORIGINAL ISSUE DATE: 11.18.2022

R-P211



2 PLUMBING SANITARY PART PLAN - LEVEL 2 ZONE R2 - RESTROOM
 R-P211 1/4" = 1'-0"

1 PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R2
 R-P211 1/8" = 1'-0"

3 PLUMBING SUPPLY PART PLAN - LEVEL 2 ZONE R2 - RESTROOM
 R-P211 1/4" = 1'-0"

4 PLUMBING SANITARY RISER DIAGRAM - LEVEL 2 ZONE R2 - RESTROOM
 R-P211

REVISION NOTE: WATER DISTRIBUTION HAS BEEN MOVED FROM LEVEL ABOVE, AND DISTRIBUTES ON THIS LEVEL TO THE UNITS ABOVE. FIELD COORDINATE AND VERIFY ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK.

Scales as stated herein are valid on the original drawing, the dimensions of which are 30x45 inches. These scales noted herein are hereby changed by the ratio of the overall sheet dimensions of the print to the corresponding dimensions of the original drawing.
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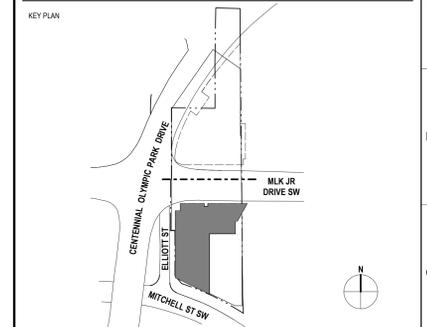
GENERAL NOTES:

1. ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
2. ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
3. GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
4. PROVIDE BUILDING STANDARD REMOTE-READ WATER SUBMETER AT ALL APARTMENT UNIT TAPS AS SHOWN. WATER SUBMETERS SHALL BE MTW MODEL M220. PROVIDE EACH SUBMETER WITH NEXT CENTURY MODEL TR4 TRANSCIEVER (PLUMBING CONTRACTOR TO PROVIDE LOW VOLTAGE WIRING BETWEEN SUBMETER AND TRANSCIEVER). PROVIDE ONE (1) NEXT CENTURY MODEL RE4 REPEATER PER FLOOR IN THAT FLOOR'S CENTRAL ELUDF ROOM TO SERVE ALL SUBMETERS ON THAT FLOOR. PROVIDE ONE (1) NEXT CENTURY MODEL GW4 GATEWAY WITHIN ELUDF ROOM ON 10TH FLOOR (R-1021). ALL REPEATERS SHALL WIRELESSLY TIE INTO THIS MAIN GATEWAY. PROVIDE DATA CONNECTION TO ALL REPEATERS AND GATEWAY IN EACH IDF ROOM. REPEATERS AND GATEWAY ARE TO BE PLUG-TYPE. COORDINATE EXACT LOCATION WITHIN IDF ROOM WITH LOW VOLTAGE AND ELECTRICAL CONTRACTORS.
5. STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1108.2.

RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT. HATCHED = 1/16" PER FOOT

KEYED NOTES:

1. STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
2. APARTMENT WATER SUPPLY RISER. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3. APARTMENT UNIT PREVENT SANITARY STACK. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
4. 6" ST UP.
5. 6" OD UP.
6. 1 1/2" G (2 PSI) UP/DN.
7. 6" ST/DN.
8. 4" CW DN.
9. 8" W DN.
10. 6" W DN.
11. PROVIDE 1/2" SPRINKLER LINE AND SPRINKLER HEAD AT TRASH CHUTE OPENING.



NO.	REVISIONS / SUBMISSIONS	DATE
7	BULLETIN 17-R	04.26.2024
6	BULLETIN 16-R	02.28.2024
5	BULLETIN 13-R	01.15.2024
4	BULLETIN 11	11.01.2023
3	BULLETIN 10	09.15.2023
2	BULLETIN 6	05.12.2023
1	CONSTRUCTION DOCUMENTS	03.09.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022

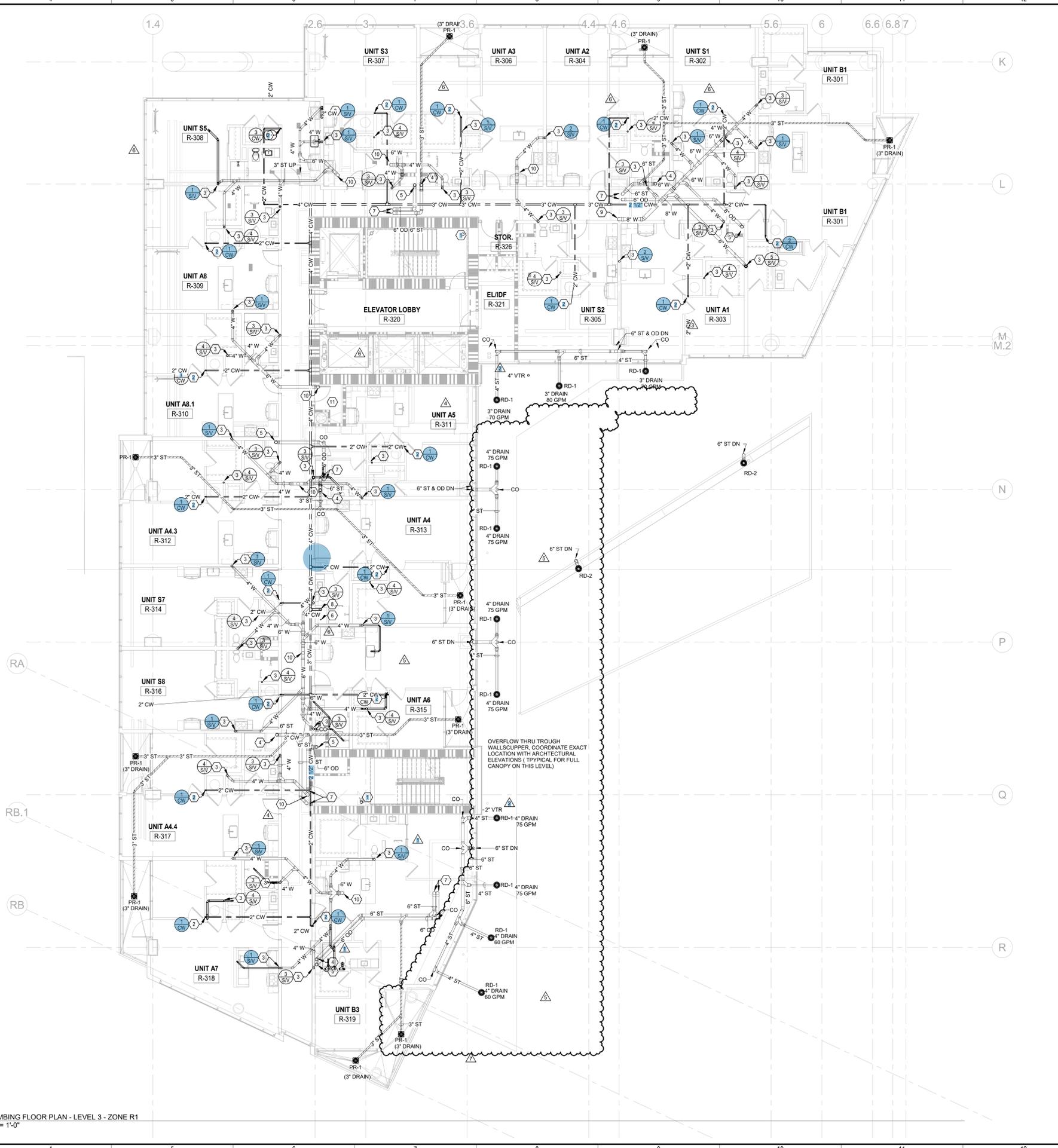
NO.	REVISIONS / SUBMISSIONS	DATE
7	BULLETIN 17-R	04.26.2024
6	BULLETIN 16-R	02.28.2024
5	BULLETIN 13-R	01.15.2024
4	BULLETIN 11	11.01.2023
3	BULLETIN 10	09.15.2023
2	BULLETIN 6	05.12.2023
1	CONSTRUCTION DOCUMENTS	03.09.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022



RESIDENTIAL (R-E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303

PLUMBING FLOOR PLAN - LEVEL 3

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P212
	ORIGINAL ISSUE DATE	11.18.2022



REVISION NOTE: WATER DISTRIBUTION HAS BEEN MOVED TO THE LEVEL BELOW

PLUMBING FLOOR PLAN - LEVEL 3 - ZONE R1
 R-P212 1/8" = 1'-0"

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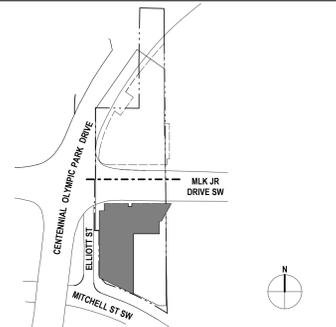
GENERAL NOTES:

- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
- GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
- PROVIDE BUILDING STANDARD REMOTE-READ WATER SUBMETER AT ALL APARTMENT UNIT TAPS AS SHOWN. WATER SUBMETERS SHALL BE MTW MODEL M220. PROVIDE EACH SUBMETER WITH NEXTCENTURY MODEL TR4 TRANSCIEVER (PLUMBING CONTRACTOR TO PROVIDE LOW VOLTAGE WIRING BETWEEN SUBMETER AND TRANSCIEVER). PROVIDE ONE (1) NEXTCENTURY MODEL RE4 REPEATER PER FLOOR IN THAT FLOOR'S CENTRAL ELUDF ROOM TO SERVE ALL SUBMETERS ON THAT FLOOR. PROVIDE ONE (1) NEXTCENTURY MODEL GW4 GATEWAY WITHIN ELUDF ROOM ON 10TH FLOOR (R-1021). ALL REPEATERS SHALL WIRELESSLY TIE INTO THIS MAIN GATEWAY. PROVIDE DATA CONNECTION TO ALL REPEATERS AND GATEWAY IN EACH IDF ROOM. REPEATERS AND GATEWAY ARE TO BE PLUG-TYPE. COORDINATE EXACT LOCATION WITHIN IDF ROOM WITH LOW VOLTAGE AND ELECTRICAL CONTRACTORS.
- STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1108.2:
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT. HATCHED = 1/16" PER FOOT

KEYED NOTES:

- STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
- APARTMENT WATER SUPPLY RISER. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- APARTMENT UNIT PREVENT SANITARY STACK. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- 6" ST UP/DN.
- 6" OD UP/DN.
- 1 1/2" G 2 PSI UP/DN.
- PROVIDE 1/2" SPRINKLER LINE AND SPRINKLER HEAD AT TRASH CHUTE OPENING.

KEY PLAN



8	BULLETIN 16-R	02.28.2024
6	BULLETIN 11	11.01.2023
5	BULLETIN 10	09.15.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022
NO.	REVISIONS / SUBMISSIONS	DATE

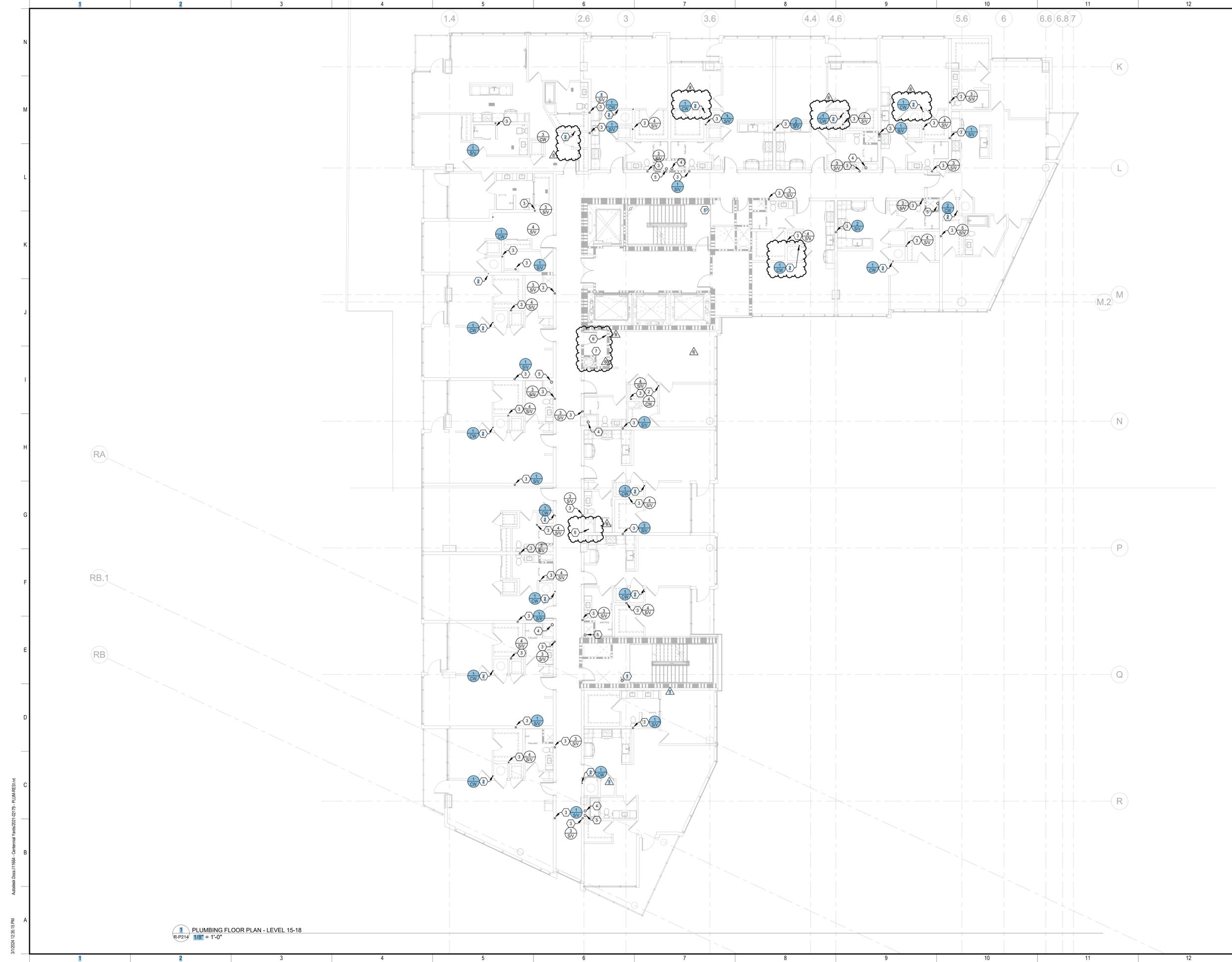
CENTENNIAL YARDS

atlanta

RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL 15-18

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P214
	ORIGINAL ISSUE DATE	11.18.2022



1 PLUMBING FLOOR PLAN - LEVEL 15-18
 R-P214 1/8" = 1'-0"

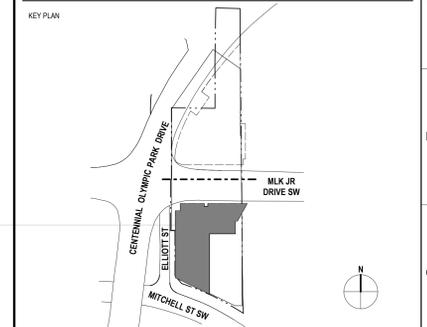
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2. GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5), GAS, NATURAL.
3. PROVIDE BUILDING STANDARD REMOTE-READ WATER SUBMETER AT ALL APARTMENT UNIT TAPS AS SHOWN. WATER SUBMETERS SHALL BE MTW MODEL M220. PROVIDE EACH SUBMETER WITH NEXTCENTURY MODEL TR4 TRANSCIEVER (PLUMBING CONTRACTOR TO PROVIDE LOW VOLTAGE WIRING BETWEEN SUBMETER AND TRANSCIEVER). PROVIDE ONE (1) NEXTCENTURY MODEL RE4 REPEATER PER FLOOR IN THAT FLOOR'S CENTRAL ELD/DF ROOM TO SERVE ALL SUBMETERS ON THAT FLOOR. PROVIDE ONE (1) NEXTCENTURY MODEL GW4 GATEWAY WITHIN ELD/DF ROOM ON 10TH FLOOR (R-1021). ALL REPEATERS SHALL WIRELESSLY TIE INTO THIS MAIN GATEWAY. PROVIDE DATA CONNECTION TO ALL REPEATERS AND GATEWAY IN EACH IDF ROOM. REPEATERS AND GATEWAY ARE TO BE PLUG-TYPE. COORDINATE EXACT LOCATION WITHIN IDF ROOM WITH LOW VOLTAGE AND ELECTRICAL CONTRACTORS.
4. STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1108.2:
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT. HATCHED = 1/16" PER FOOT

KEYED NOTES:

1. STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
2. APARTMENT WATER SUPPLY RISER. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3. APARTMENT UNIT PREVENT SANITARY STACK. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
4. 6" ST DN.
5. 6" OD DN.
6. 1 1/2" G (2 PSI) DN.
7. PROVIDE 1 1/2" SPRINKLER LINE AND SPRINKLER HEAD AT TRASH CHUTE OPENING.



NO.	REVISIONS / SUBMISSIONS	DATE
6	BULLETIN 18-R	07.17.2024
5	BULLETIN 16-R	02.28.2024
4	BULLETIN 11	11.01.2023
3	BULLETIN 10	09.15.2023
2	BULLETIN 9	08.04.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022

CENTENNIAL YARDS

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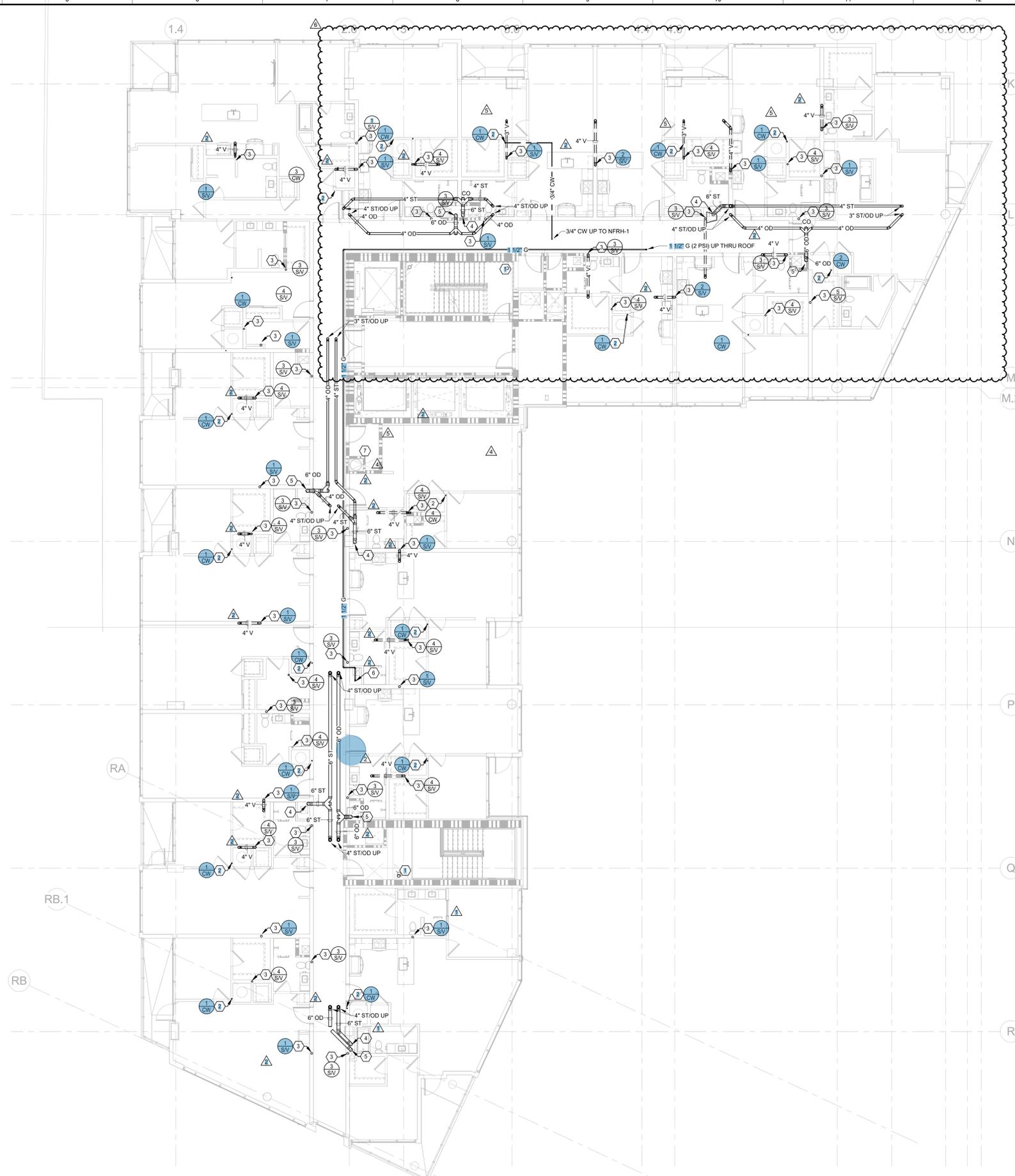
RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303

SHEET TITLE

PLUMBING FLOOR PLAN - LEVEL 19

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P215
	ORIGINAL ISSUE DATE	11.18.2022

RELEASED FOR CONSTRUCTION 11.18.2022



1 PLUMBING FLOOR PLAN - LEVEL 19
 R-P215 1/8" = 1'-0"

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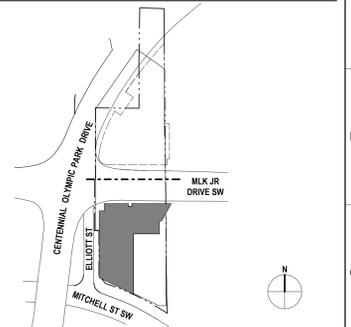
GENERAL NOTES:

1. GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5). GAS: NATURAL.
2. STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
 RAINFALL RATE: 3.7" PER HOUR
 SLOPE OF HORIZONTAL PIPING:
 UNHATCHED = 1/8" PER FOOT, HATCHED = 1/16" PER FOOT
3. CONTRACTOR SHALL COORDINATE ALL ROOF DRAIN LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS AND ENSURE DRAINS ARE INSTALLED AT LOWEST POINT OF SLOPED ROOF.
4. ALL PENETRATIONS THRU RATED ASSEMBLIES SHALL BE PROTECTED IN ACCORDANCE WITH AUTHORITY HAVING JURISDICTION.

KEYED NOTES:

1. GAS LINE TO 1875 CFH DQAS UNIT. PROVIDE IN ORDER FULL SIZE SHUT OFF VALVE, GAS REGULATOR TO 1/4" W.C., AND DIRT LEG.
2. OFFSET VENT PIPING AS REQUIRED IN THE CEILING BELOW SUCH THAT VENT TERMINATION IS NOT WITHIN 12 FEET OF ANY OUTDOOR AIR INTAKE.

KEY PLAN



NO.	REVISIONS / SUBMISSIONS	DATE
4	BULLETIN 18-R	07.17.2024
3	BULLETIN 11	11.01.2023
2	BULLETIN 9	08.04.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
	BUILDING PERMIT PACKAGE	01.27.2023
	CONFORMED GMP PACKAGE	12.19.2022
	BUILDING PERMIT PACKAGE	11.18.2022

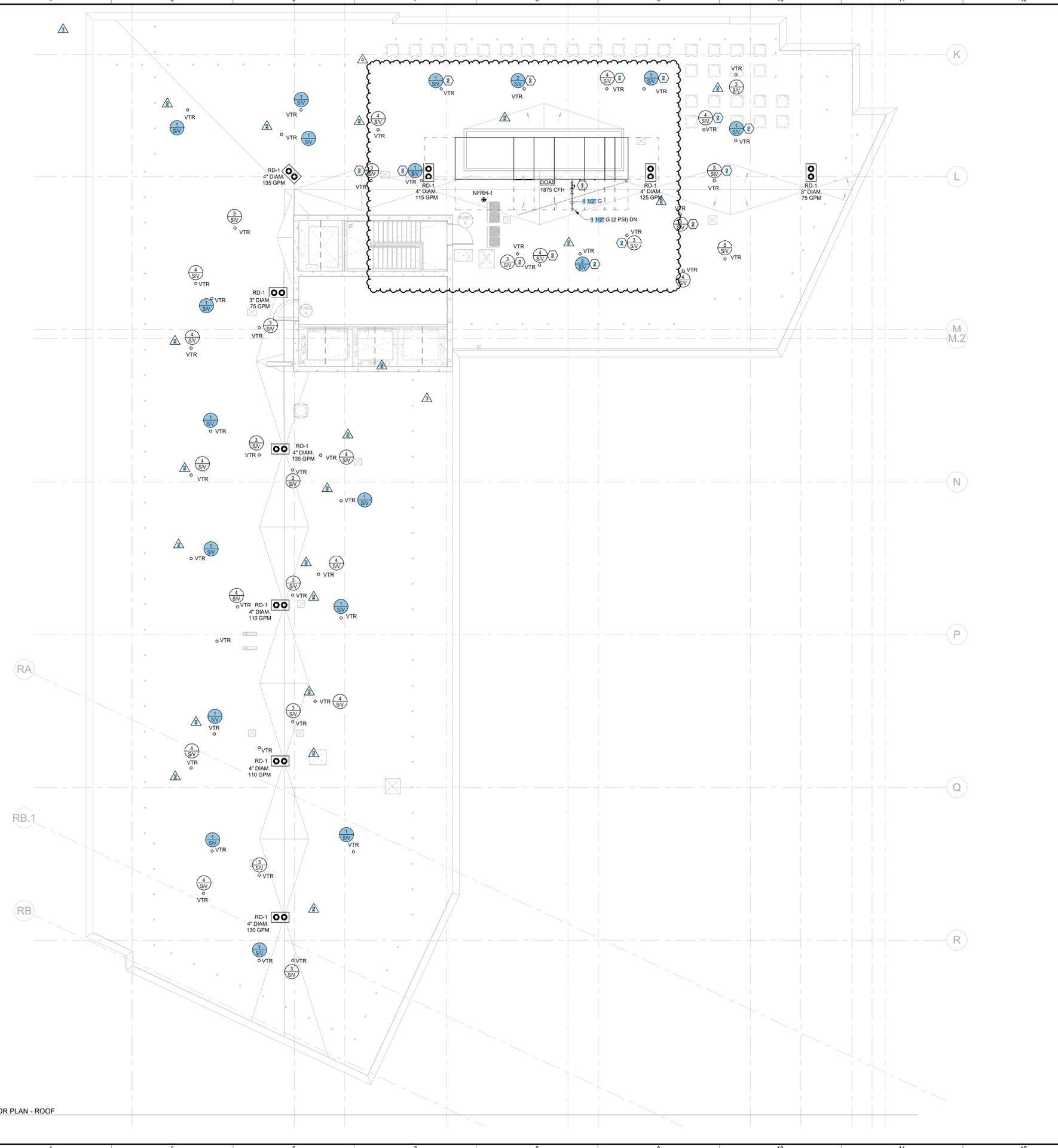
CENTENNIAL YARDS

atlanta

RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303

PLUMBING FLOOR PLAN - ROOF

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P216
	ORIGINAL ISSUE DATE	11.18.2022



PLUMBING FLOOR PLAN - ROOF
 R-P216 1/8" = 1'-0"

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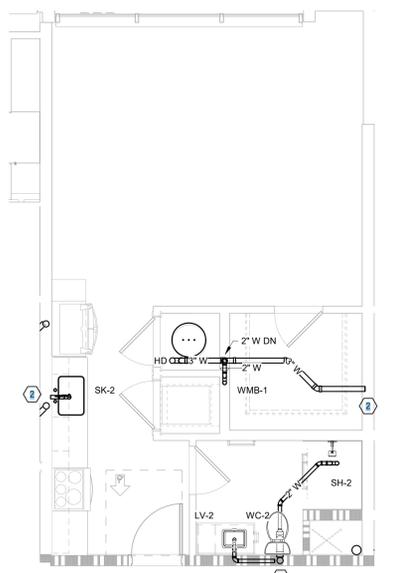
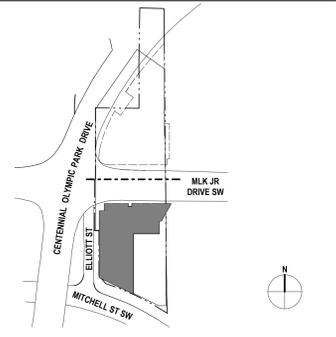
GENERAL NOTES:

1. ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
2. PROVIDE BUILDING STANDARD REMOTE-READ WATER SUBMETER AT ALL APARTMENT UNIT TAPS AS SHOWN. WATER SUBMETERS SHALL BE MTW MODEL M120. PROVIDE EACH SUBMETER WITH NEXTCENTURY MODEL TR4 TRANSCIEVER (PLUMBING CONTRACTOR TO PROVIDE LOW VOLTAGE WIRING BETWEEN SUBMETER AND TRANSCIEVER). PROVIDE ONE (1) NEXTCENTURY MODEL RE4 REPEATER PER FLOOR IN THAT FLOOR'S CENTRAL ELJDF ROOM TO SERVE ALL SUBMETERS ON THAT FLOOR. PROVIDE ONE (1) NEXTCENTURY MODEL CW4 GATEWAY WITHIN ELJDF ROOM ON 10TH FLOOR (R-1021). ALL REPEATERS SHALL WIRELESSLY TIE INTO THIS MAIN GATEWAY. PROVIDE DATA CONNECTION TO ALL REPEATERS AND GATEWAY IN EACH IDF ROOM. REPEATERS AND GATEWAY ARE TO BE PLUG-TYPE. COORDINATE EXACT LOCATION WITHIN IDF ROOM WITH LOW VOLTAGE AND ELECTRICAL CONTRACTORS.

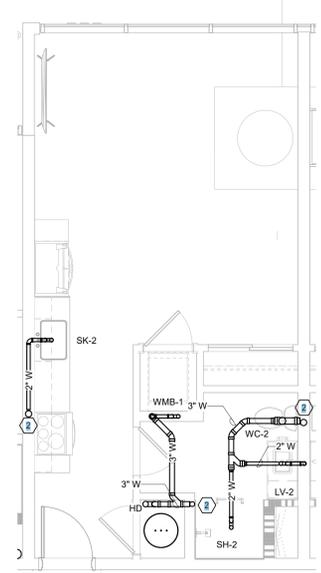
KEYED NOTES:

1. CONTRACTOR TO PROVIDE SHUT-OFF VALVE, REMOTE WATER METER AND PRV ON SUPPLY LINE TO UNIT. CONTRACTOR TO ENSURE PRV IS SET TO A MAXIMUM 50 PSI. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. SOVENT FITTING: PROVIDE WITH FRESTOP SLEEVE AT FLOOR PENETRATION AND "EZ MECHANICAL" FLEX COUPLING BELOW STACK/VENT FITTING.

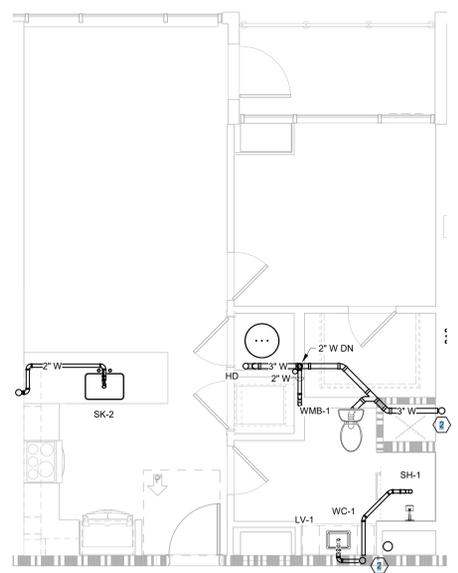
KEY PLAN



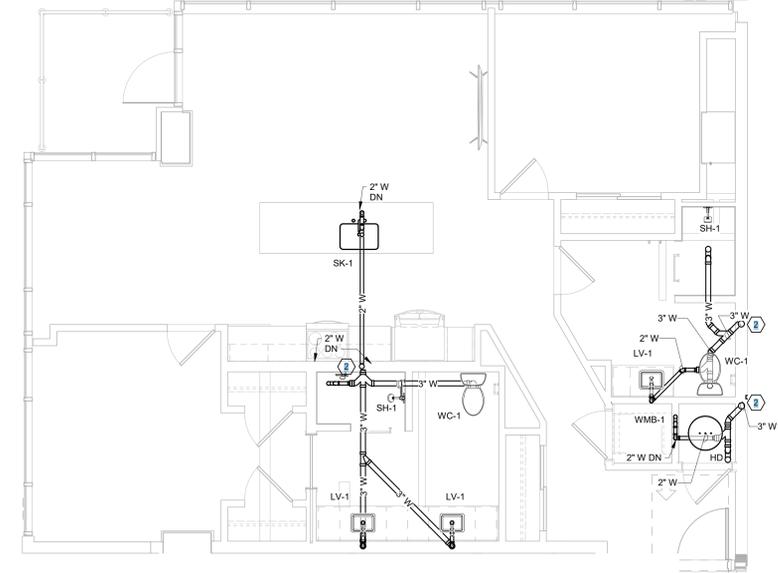
1 UNIT S1 SANITARY PLAN
 R-P400 1/4" = 1'-0"
 UNIT S2, S3, S4, & S5-A SIMILAR



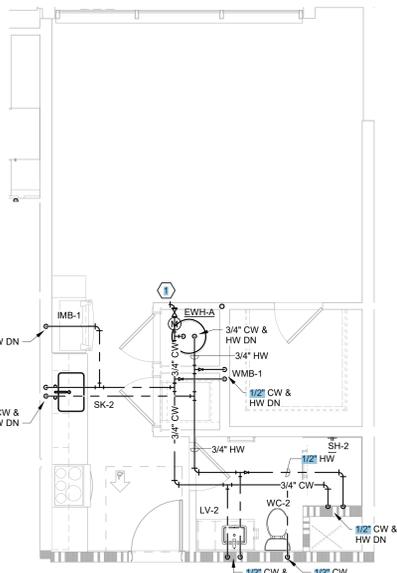
7 UNIT S7 SANITARY PLAN
 R-P400 1/4" = 1'-0"
 UNIT S8 SIMILAR



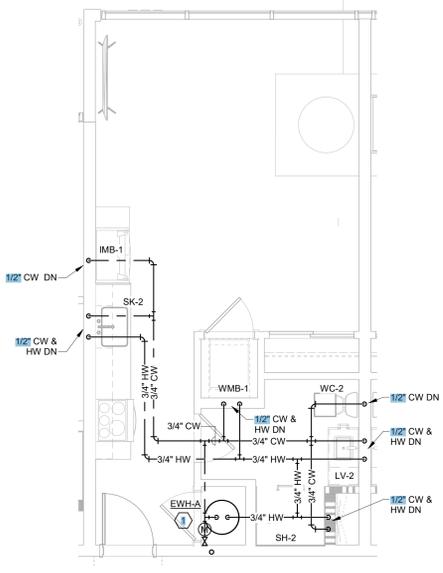
2 UNIT A1 SANITARY PLAN
 R-P400 1/4" = 1'-0"
 UNIT A2, A3, A4, A4.1, A4.2, A4.3 & A4.4 SIMILAR



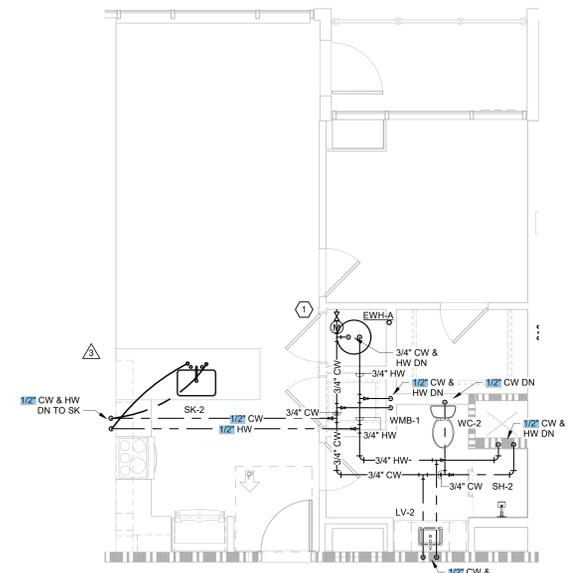
3 UNIT B2 SANITARY PLAN
 R-P400 1/4" = 1'-0"
 UNIT B4-A SIMILAR



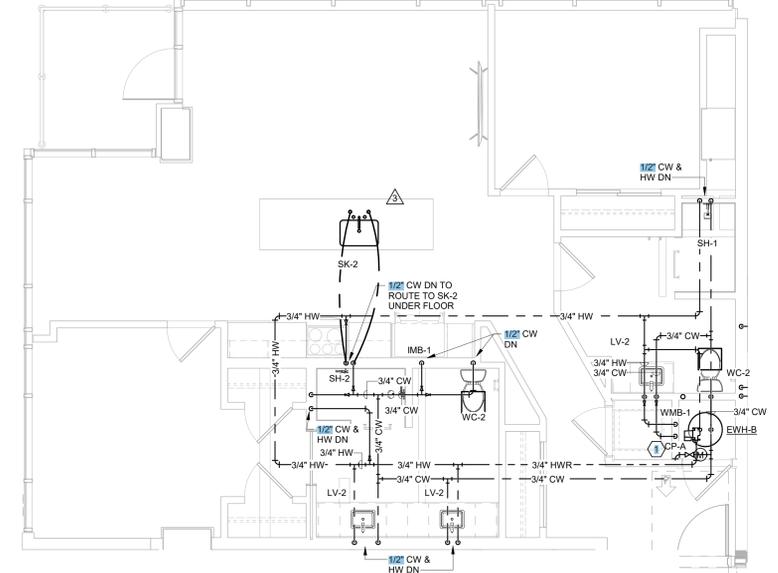
4 UNIT S1 SUPPLY PLAN
 R-P400 1/4" = 1'-0"
 UNIT S2, S3, S4, & S5-A SIMILAR



8 UNIT S7 SUPPLY PLAN
 R-P400 1/4" = 1'-0"
 UNIT S8 SIMILAR



5 UNIT A1 SUPPLY PLAN
 R-P400 1/4" = 1'-0"
 UNIT A2, A3, A4, A4.1, A4.2, A4.3 & A4.4 SIMILAR



6 UNIT B2 SUPPLY PLAN
 R-P400 1/4" = 1'-0"
 UNIT B4-A SIMILAR

5	BULLETIN 17-R	04.26.2024
4	BULLETIN 10	09.15.2023
3	BULLETIN 9	08.04.2023
2	BULLETIN 8	04.17.2023
1	CONSTRUCTION DOCUMENTS	03.03.2023
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	BUILDING PERMIT PACKAGE	11.18.2022
NO.	REVISIONS / SUBMISSIONS	DATE

CENTENNIAL YARDS
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 SHEET TITLE

PLUMBING PART PLANS

SEAL: TVS PROJECT NUMBER: _____ SHEET NUMBER: _____
 PROJECT NUMBER: _____ R-P400
 ORIGINAL ISSUE DATE: 11.18.2022

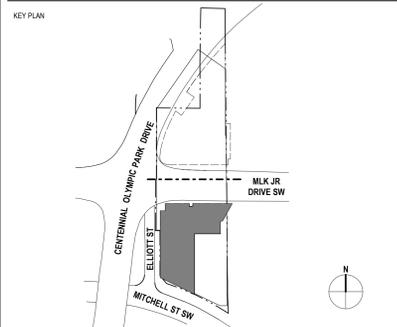
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2. PROVIDE BUILDING STANDARD REMOTE-READ WATER SUBMETER AT ALL APARTMENT UNIT TAPS AS SHOWN. WATER SUBMETERS SHALL BE MTW MODEL M20. PROVIDE EACH SUBMETER WITH NEXTCENTURY MODEL TR4 TRANSCIEVER (PLUMBING CONTRACTOR TO PROVIDE LOW VOLTAGE WIRING BETWEEN SUBMETER AND TRANSCIEVER). PROVIDE ONE (1) NEXTCENTURY MODEL RE4 REPEATER PER FLOOR IN THAT FLOOR'S CENTRAL ELU/D ROOM TO SERVE ALL SUBMETERS ON THAT FLOOR. PROVIDE ONE (1) NEXTCENTURY MODEL CW4 GATEWAY WITHIN ELU/D ROOM ON 10TH FLOOR (R-1021). ALL REPEATERS SHALL WIRELESSLY TIE INTO THIS MAIN GATEWAY. PROVIDE DATA CONNECTION TO ALL REPEATERS AND GATEWAY IN EACH IDF ROOM. REPEATERS AND GATEWAY ARE TO BE PLUG-TYPE. COORDINATE EXACT LOCATION WITHIN IDF ROOM WITH LOW VOLTAGE AND ELECTRICAL CONTRACTORS.

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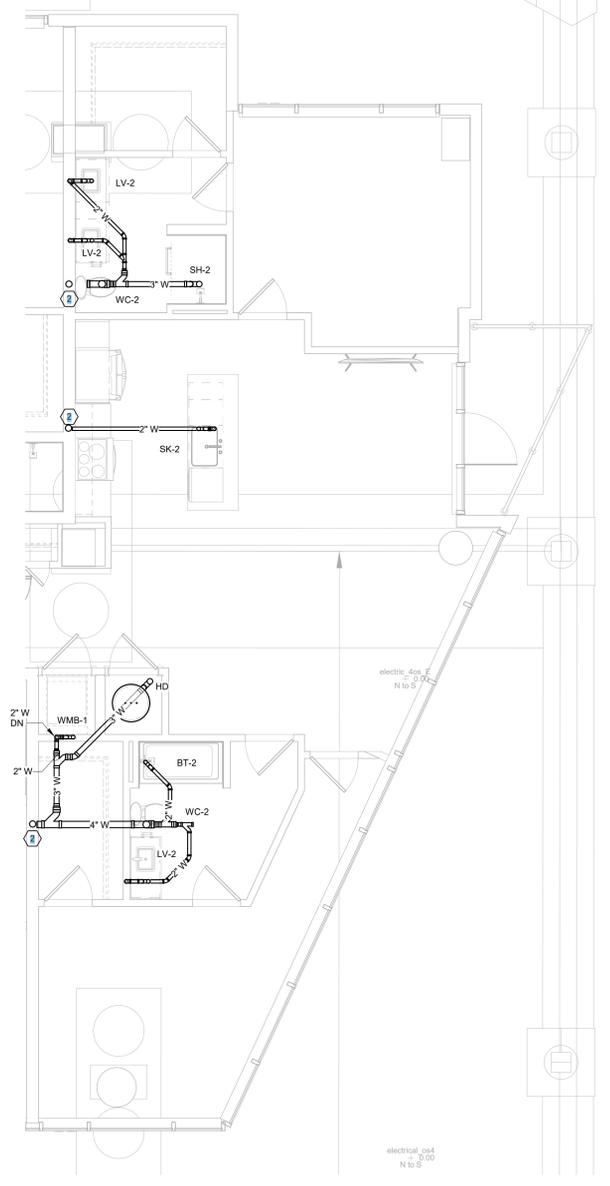


NO.	REVISIONS / SUBMISSIONS	DATE
5	BULLETIN 17-R	04.26.2024
4	BULLETIN 10	09.15.2023
3	BULLETIN 9	08.04.2023
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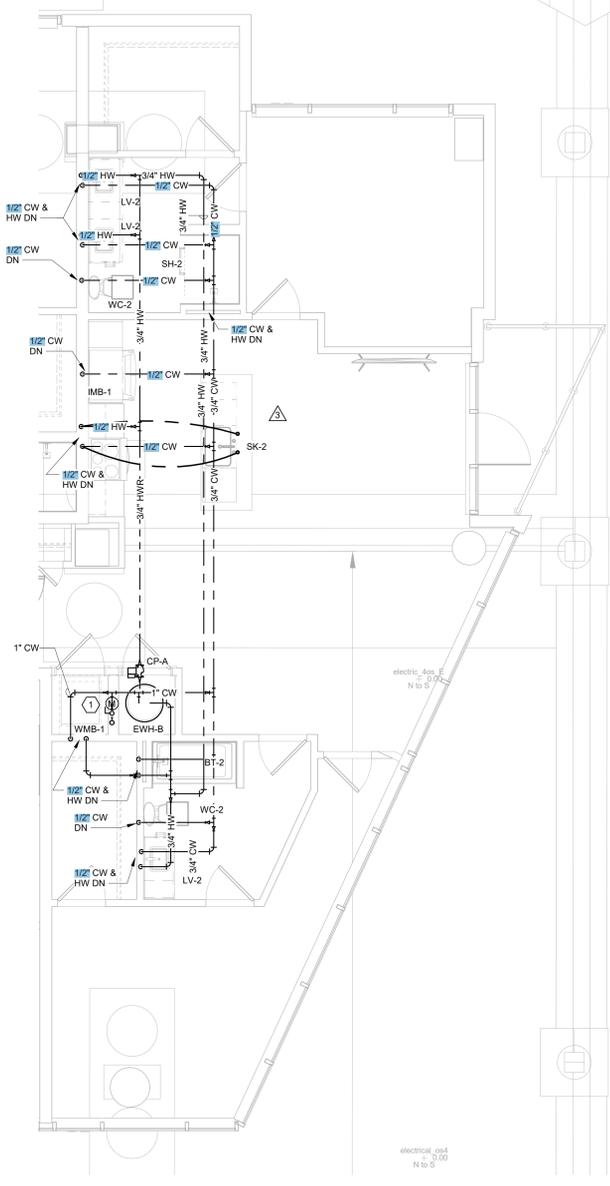
CENTENNIAL YARDS
 atlanta
 RESIDENTIAL (RE2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

PLUMBING PART PLANS

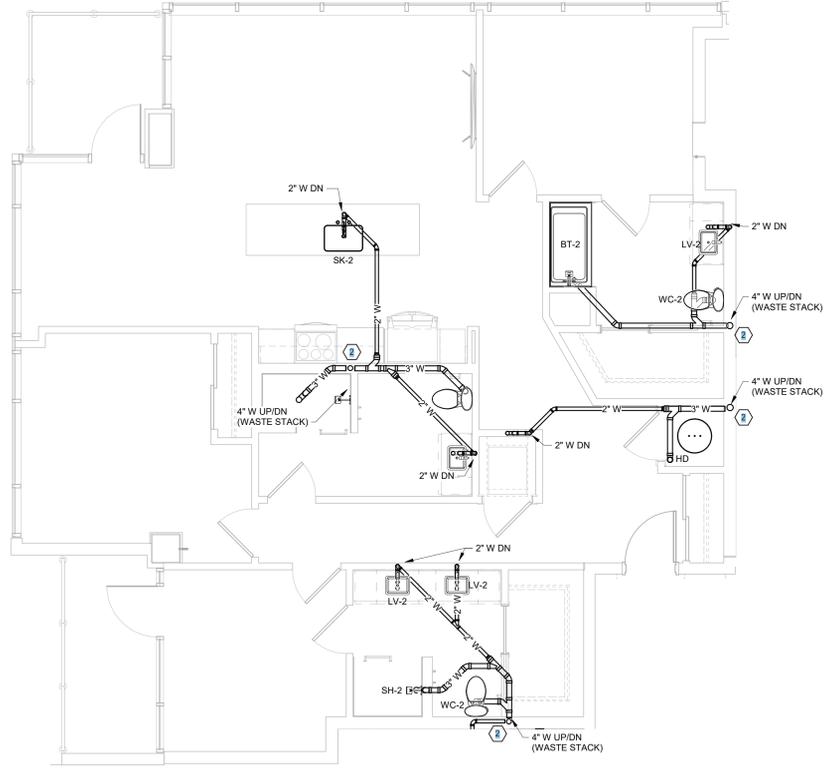
SEAL: TVS PROJECT NUMBER: PROJECT NUMBER SHEET NUMBER: R-P401 ORIGINAL ISSUE DATE: 11.18.2022



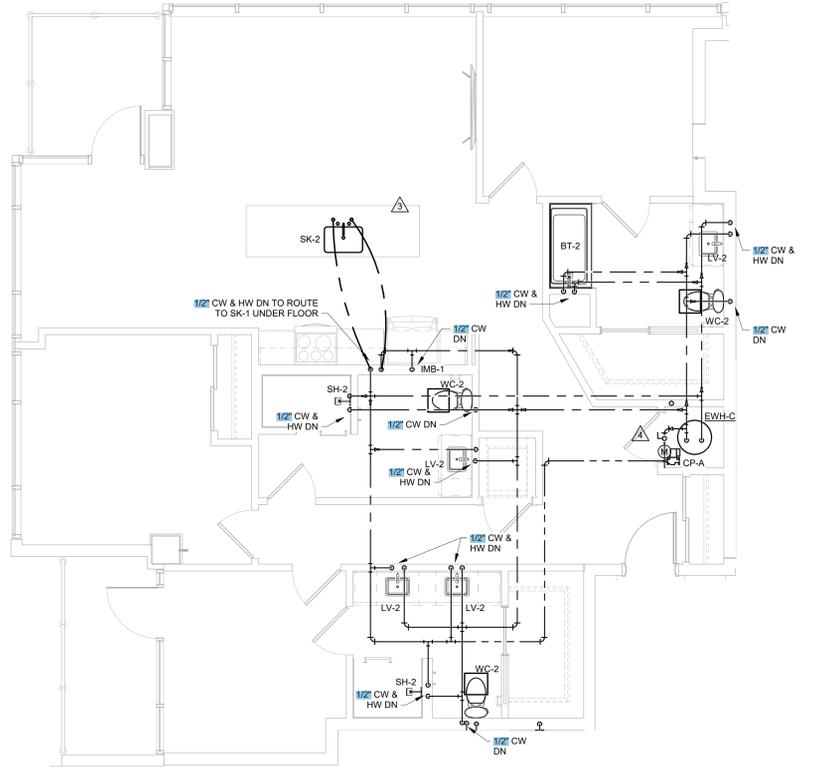
1 UNIT B1 SANITARY PLAN
 R-P401 1/4" = 1'-0"



2 UNIT B1 SUPPLY PLAN
 R-P401 1/4" = 1'-0"



3 UNIT C1 SANITARY PLAN
 R-P401 1/4" = 1'-0"



4 UNIT C1 SUPPLY PLAN
 R-P401 1/4" = 1'-0"

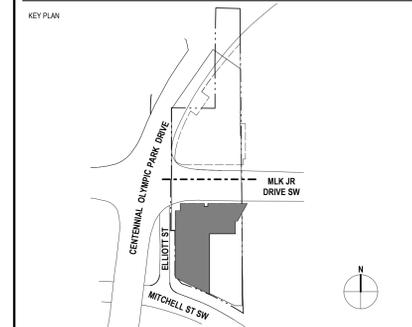
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- SOVENT FITTING. PROVIDE WITH PRESTOP SLEEVE AT FLOOR PENETRATION AND 'EZ MECHANICAL' FLEX COUPLING BELOW STACK/VENT FITTING.



5 BULLETIN 10	09.15.2023
2 BULLETIN 2	04.17.2023
NO. REVISIONS / SUBMISSIONS	DATE

CENTENNIAL YARDS

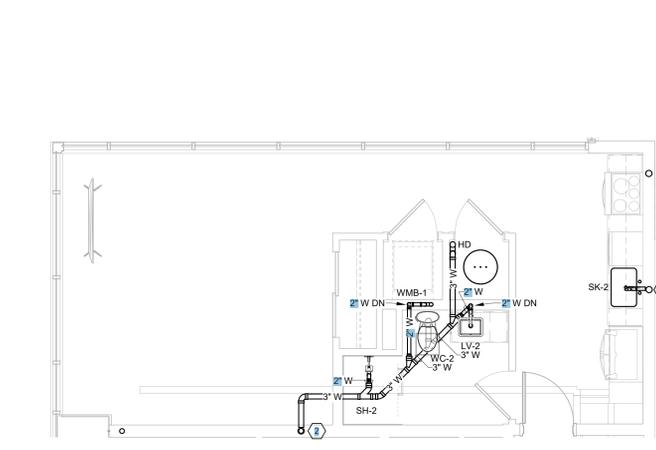
atlanta

RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

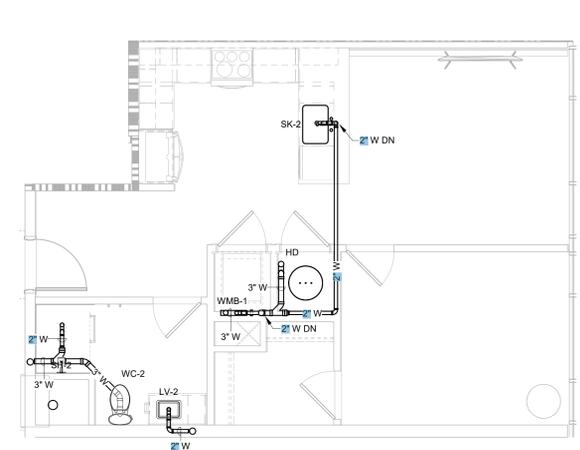
PLUMBING PART PLANS

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	
	ORIGINAL ISSUE DATE	
	04/17/23	

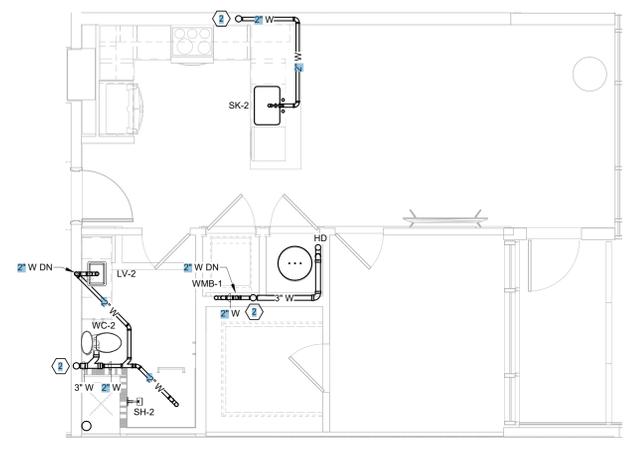
R-P402



1 UNIT S5 SANITARY PLAN
 R-P402 1/4" = 1'-0"

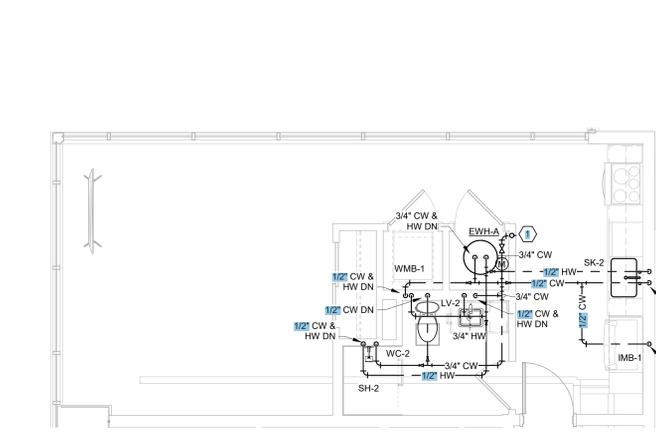


2 UNIT A5 SANITARY PLAN
 R-P402 1/4" = 1'-0"

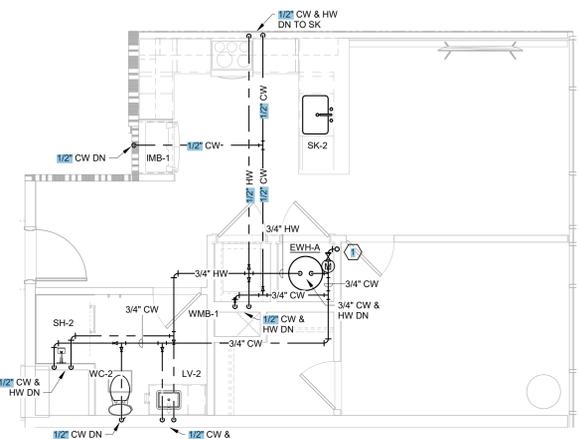


3 UNIT A6 SANITARY PLAN
 R-P402 1/4" = 1'-0"

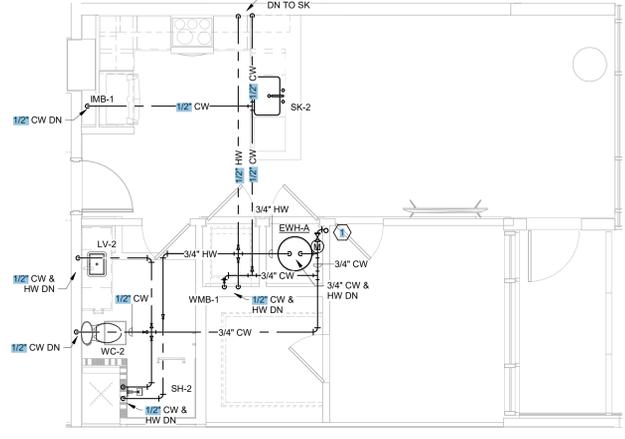
UNIT A8 SIMILAR



4 UNIT S5 SUPPLY PLAN
 R-P402 1/4" = 1'-0"

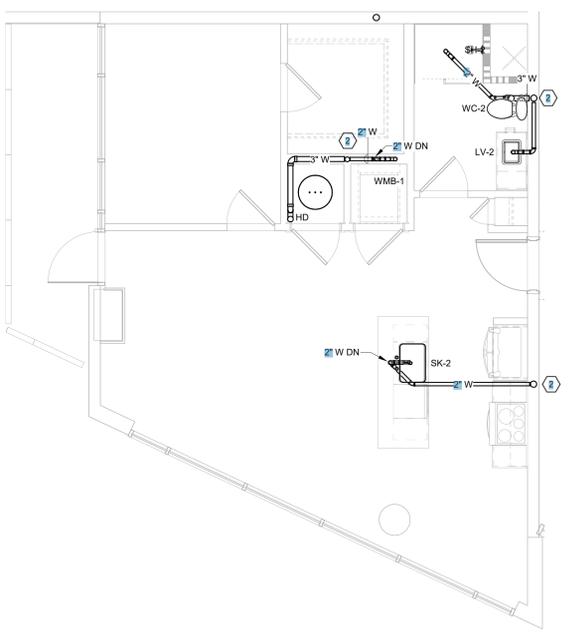


5 UNIT A5 SUPPLY PLAN
 R-P402 1/4" = 1'-0"

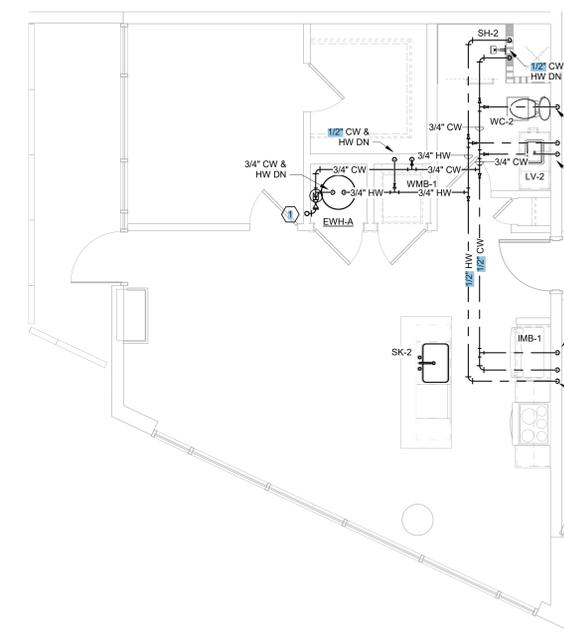


6 UNIT A6 SUPPLY PLAN
 R-P402 1/4" = 1'-0"

UNIT A8 SIMILAR



7 UNIT A7 SANITARY PLAN
 R-P402 1/4" = 1'-0"

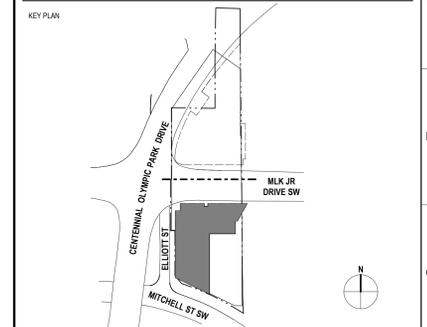


8 UNIT A7 SUPPLY PLAN
 R-P402 1/4" = 1'-0"

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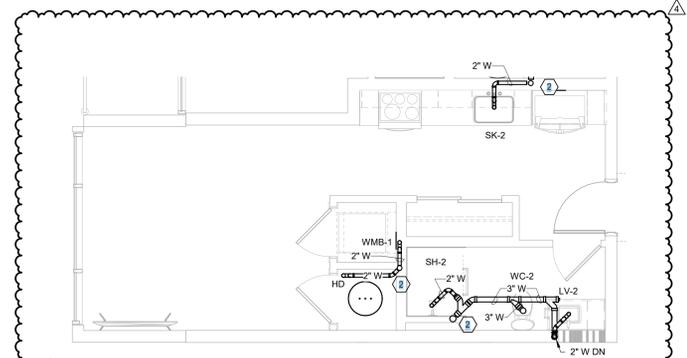
NO.	REVISIONS / SUBMISSIONS	DATE
4	BULLETN 17-R	04.26.2024
3	BULLETN 11	11.01.2023
2	BULLETN 10	09.15.2023
1	BULLETN 8	04.17.2023

CENTENNIAL YARDS
 atlanta
 RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
 SHEET TITLE

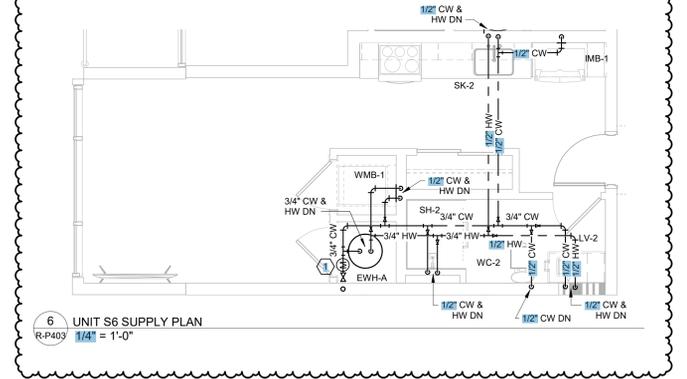
PLUMBING PART PLANS

SEAL:  TVS PROJECT NUMBER: _____ SHEET NUMBER: _____
 PROJECT NUMBER: _____ ORIGINAL ISSUE DATE: 04/17/23
R-P403

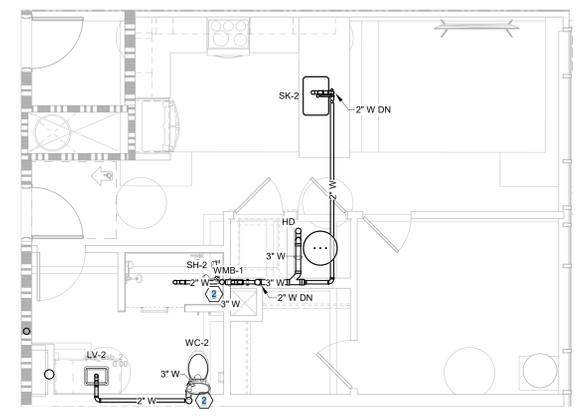
RELEASED FOR CONSTRUCTION



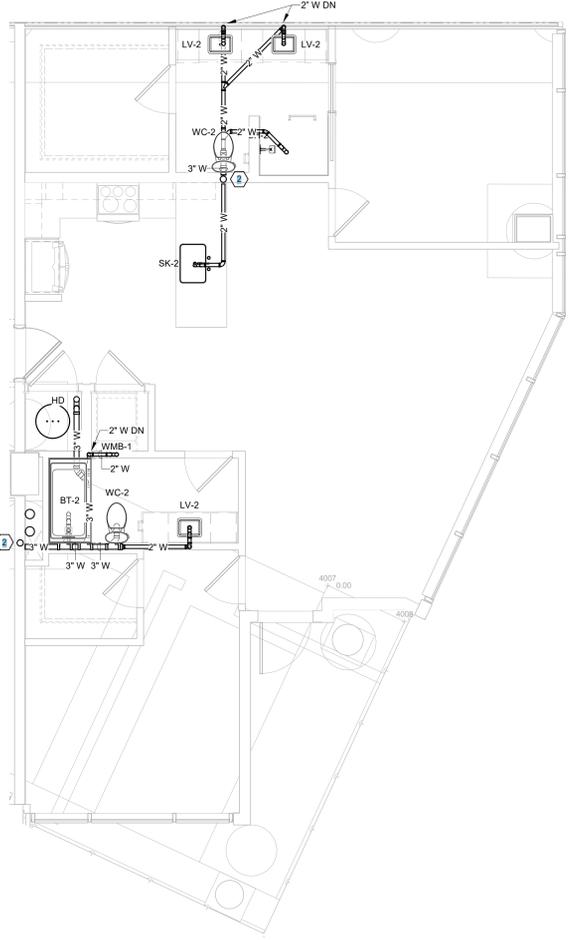
5 UNIT S6 SANITARY PLAN
 R-P403 1/4" = 1'-0"



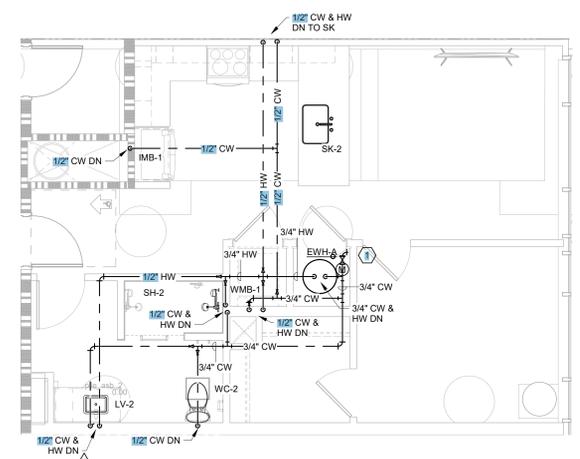
6 UNIT S6 SUPPLY PLAN
 R-P403 1/4" = 1'-0"



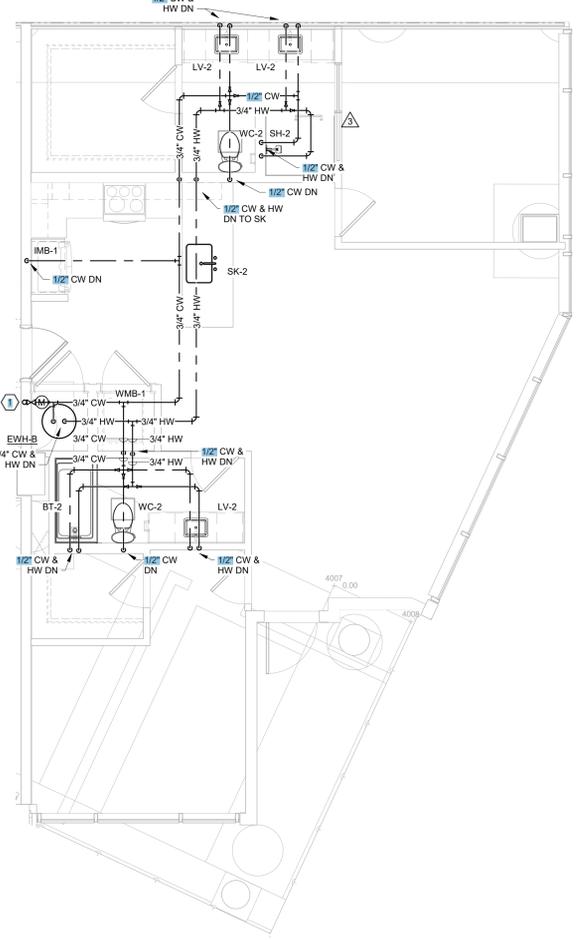
1 UNIT 9-A SANITARY PLAN
 R-P403 1/4" = 1'-0"



3 UNIT B3 SANITARY PLAN
 R-P403 1/4" = 1'-0"



2 UNIT 9-A SUPPLY PLAN
 R-P403 1/4" = 1'-0"



4 UNIT B3 SUPPLY PLAN
 R-P403 1/4" = 1'-0"

3/30/2022 4:55:30 PM Autodesk Docs\\11694 - Centennial Yards\\2022\\10179 - PLUMBING.rvt



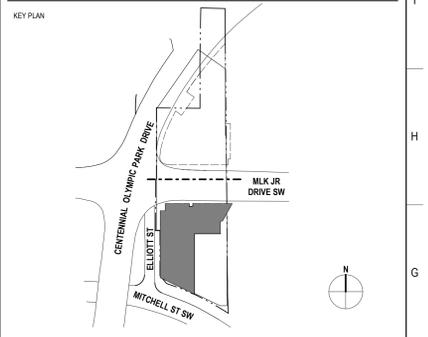
2 SUPPLY RISER DIAGRAM
R-P500 1/2" = 1'-0"

1 SANITARY RISER DIAGRAM
R-P500 1/2" = 1'-0"

TVS
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- GENERAL NOTES:**
- SEE FLOOR PLANS FOR PIPING OFFSETS.
- KEYED NOTES:**
- SOVENT FITTING: PROVIDE WITH FIRESTOP SLEEVE AT FLOOR PENETRATION AND "EZ MECHANICAL" FLEX COUPLING BELOW STACKVENT FITTING.



CONSTRUCTION DOCUMENTS	03.03.2023
BUILDING PERMIT PACKAGE	01.27.2023
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RESIDENTIAL (R/E2) | 250 MARTIN LUTHER KING JR., ATLANTA, GA 30303
SHEET TITLE

PLUMBING RISER DIAGRAMS

SEAL	TVS PROJECT NUMBER	SHEET NUMBER
	PROJECT NUMBER	R-P500
	ORIGINAL ISSUE DATE	11.18.2022

PLUMBING GENERAL NOTES:

- COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTINGS SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC..
- COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
- ALL PIPING SHALL BE CONCEALED INSIDE WALLS, BELOW FLOORS OR ABOVE CEILINGS UNLESS INDICATED OTHERWISE. REMOVE ALL EXISTING WATER PIPING NOT IN USE.
- ALL PIPING SHALL BE SLOPED AS PER AT THE MINIMUM GRADE REQUIRED BY CODE (UNLESS NOTED OTHERWISE) FOR EACH PARTICULAR PIPE SIZE.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES. EXACT LOCATION OF ALL FIXTURES MUST BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION. FINAL LOCATION SHALL BE AS DIRECTED BY ARCHITECT.
- DO NOT RUN PLUMBING PIPING THROUGH ELECTRICAL/COMPUTER ROOMS OR DIRECTLY ABOVE ELECTRICAL PANELS.
- INSTALL WATER HAMMER ARRESTORS (PD'S) ON DOMESTIC COLD & HOT WATER LINES AS INDICATED ON THE DRAWINGS. IN ACCORDANCE WITH THE LOCAL PLUMBING CODE, AND/OR STANDARD PDI-WH201. ARRESTORS SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION.
- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL COORDINATION AND INFORMATION.
- ALL FIXTURES SHALL BE FURNISHED WITH QUARTER-TURN STOP VALVES. VALVES MAY BE IN SUPPLY PIPES OR INTEGRAL WITH SUPPLY FITTINGS.
- PLUMBING CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL COSTS INVOLVED.
- INSULATE SUPPLY PIPES, STOPS AND DRAIN AT EACH ADA SINK WITH FIRE RESISTANT MOLDED FOAM INSULATING DEVICE TRUEBRO ADA LAV GUARD.
- MINIMUM FIXTURE CONNECTION SIZES SHALL BE MADE IN ACCORDANCE WITH THE PLUMBING FIXTURE SCHEDULE.
- ALL EQUIPMENT, PIPING, APPURTENANCES SHALL BE PROTECTED FROM DEBRIS AND DAMAGE. SENSITIVE EQUIPMENT SHALL NOT BE DELIVERED TO THE JOB SITE UNTIL SUCH TIME AS IT IS TO BE INSTALLED. PIPING ENDS SHALL BE CLOSED BY TEMPORARY MEANS WHEN PORTIONS OF THE SYSTEM ARE NOT COMPLETE.
- LOCATE ALL VALVES WHERE THEY ARE ACCESSIBLE FOR SERVICE AND USE. WHERE ACCESS PANELS ARE REQUIRED, COORDINATE SELECTION AND LOCATION WITH ARCHITECT.
- PROVIDE TRAP PRIMER AND CONNECTION FOR ANY FLOOR DRAIN, FLOOR SINK OR HUB DRAIN NOT SUBJECT TO REGULAR FLOW.
- ALL PIPES DROPPING AT COLUMNS SHALL BE INSTALLED WITHIN THE ENCLOSURE DETAILED ON THE ARCHITECTURAL DRAWINGS SUCH THAT THE DIMENSIONS OF THE ENCLOSURE ARE NOT ALTERED.
- INSULATE ALL NEW HOT AND COLD WATER PIPING. SIZE PER SPECIFICATIONS.
- ALL PENETRATIONS AT FLOORS AND RATED PARTITIONS SHALL HAVE A UL CLASSIFIED FIRE STOP SYSTEM TESTED TO ASTM E814 AND UL 1479 BY UNDERWRITERS LABORATORIES. FIRE STOP SYSTEMS SHALL BE PROSET SYSTEMS, PENSL FIRESTOP SYSTEMS OR 3M COMPANY.
- ALL MATERIAL SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AND CLEARANCES AT BUILDING BEFORE COMMENCING WORK.
- EXPOSED PIPING IN CONNECTION WITH PLUMBING FIXTURES SHALL BE CHROMIUM PLATED. WHERE PIPES PASS THROUGH WALLS, PROVIDE CHROMIUM PLATES ESCUTCHEONS AND FIRMLY SECURE IN PLACE.
- PROVIDE APPROVED FLANGES FOR CONNECTIONS BETWEEN DRAINAGE PIPING AND FLOOR OUTLET PLUMBING FIXTURES.
- DEFECTIVE WORK IF INSPECTION OR TESTS SHOW DEFECTS, SUCH DEFECTIVE WORK OR MATERIAL SHALL BE REPLACED AND INSPECTION AND TESTS SHALL BE REPEATED. ALL REPAIRS TO PIPING SHALL BE MADE WITH NEW MATERIAL. NO CAULKING OF SCREWED JOINTS OR HOLES WILL BE ACCEPTABLE.
- CONTRACTOR TO SUBMIT ADDITIONAL SET OF GAS DRAWINGS TO HVAC PLANS REVIEWER. NOTE: SEE PLUMBING DRAWINGS FOR ANY ADDITIONAL PLUMBING SPECIFICATIONS.
- ALL SANITARY/WASTE PIPING SHALL BE SLOPED AT 1/8" PER FOOT AND ALL GREASE WASTE PIPING SHALL BE SLOPED AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.

FIRE PROTECTION GENERAL NOTES:

- THE ARCHITECTURAL AND MEP DRAWINGS TO BE REFERENCED FOR COORDINATION ARE DIAGRAMMATIC IN NATURE, AND ARE NOT INTENDED TO INDICATE ALL POSSIBLE CONDITION. IT IS INTENDED THAT COMPLETE FIRE PROTECTION SYSTEMS BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND INTERFACES COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS INDICATED IN THESE CONTRACT DOCUMENTS SHALL BE STRICTLY CONFORMED TO AS SPECIFIED. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE FIRE PROTECTION SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS, SHALL BE FURNISHED AND INSTALLED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND WORK OF OTHER TRADES PRIOR TO THE PREPARATION OF SHOP DRAWING SUBMITTALS.
- ALL MATERIAL SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AND CLEARANCES AT BUILDING BEFORE COMMENCING WORK.
- THE CONTRACTOR SHALL FULFILL ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHALL COMPLETE THE WORK INDICATED ON THE DRAWINGS. ALL SYSTEMS SHALL BE FINISHED, TESTED, AND ADJUSTED, AND PROVEN TO BE FULLY OPERATIONAL AND USEABLE.
- GUARANTEE ALL EQUIPMENT AND SYSTEMS FOR ONE YEAR AFTER OWNER ACCEPTANCE.
- COORDINATE ALL WORK WITH EXISTING CONDITIONS AND ALL TRADES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION OF EQUIPMENT, CONDUIT, PANELS, DUCTWORK, EQUIPMENT SUPPORTS, PIPING, ETC. AND COORDINATE THE INSTALLATION ACCORDINGLY.
- THE FIRE PROTECTION SPRINKLER SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13. LATEST EDITION AND THE LOCAL AUTHORITIES HAVING JURISDICTION. SUBMIT FLOW TEST RESULTS, SHOP DRAWINGS, DETAILS, HYDRAULIC CALCULATIONS, ETC. AS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION. OBTAIN FLOW TEST INFORMATION AS REQUIRED TO PROPERLY ANALYZE THE STREET WATER PRESSURE AVAILABLE FOR THE SYSTEM. REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PREPARE A REFLECTED CEILING PLAN INDICATING THE SPRINKLER HEAD LOCATIONS AND SUBMIT THIS TO THE ARCHITECT FOR REVIEW (NOT FOR ENGINEER REVIEW). COORDINATE THE SPRINKLER HEAD LOCATIONS WITH THE LIGHTING AND DIFFUSER / GRILLE LAYOUT. SPRINKLER HEADS SHALL BE LOCATED AT THE CENTER POINT OF CEILING TILES OR AN EQUIVALENT PATTERN FOR GYPSUM BOARD TYPE CEILINGS.
- ALL NEW SPRINKLERS SHALL MATCH TEMPERATURE AND RTI (RESPONSE TIME INDEX) OF EXISTING SPRINKLERS IN AREAS WHERE GLASS IS USED IN A 1 HOUR RATED PARTITION AND GLASS IS NOT SPECIFIED BY ARCHITECT TO MEET THIS RATING. "GLASS WASH" SPRINKLERS SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODE AT 6" ON CENTER WITHIN 12" OF GLASS.
- SCOPE
 - FURNISH ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS REQUIRED TO COMPLETE INSTALLATION OF THE FIRE PROTECTION SYSTEMS INCLUDING BUT NOT LIMITED TO PIPING, INSULATION, EQUIPMENT, SPRINKLER HEADS, AND ALL OTHER WORK INDICATED ON THE DRAWINGS OR AS SPECIFIED.
 - OBTAIN ALL PERMITS, INSPECTIONS, AND APPROVALS AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION AND DELIVER CERTIFICATE OF APPROVAL TO THE GENERAL CONTRACTOR. ALL ASSOCIATED FEES SHALL BE PAID BY THE CONTRACTOR.
 - CONTRACTOR SHALL COMPLY WITH OSHA REQUIREMENTS.
 - ALL MATERIALS AND EQUIPMENT OF THE FIRE PROTECTION SYSTEMS NECESSARY TO ITS PROPER OPERATION, BUT NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED WITHOUT ADDITIONAL CHARGE.
 - VISIT SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. NO ALLOWANCE WILL BE MADE FOR LACK OF KNOWLEDGE OF EXISTING CONDITIONS. ANY ADJUSTMENTS IN PIPE ROUTING SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
 - WORK SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE AND CURRENT BUILDING CODE, FIRE PROTECTION CODE, NFPA 13, AND LOCAL AUTHORITIES HAVING JURISDICTION.

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
---	WASTE (SOIL PIPE)
----	VENT
----	COLD WATER
----	HOT WATER
----	HOT WATER RETURN
----	PIPING BELOW SLAB/FLOOR
○	TRAP
○	RISER DOWN (ELBOW)
○	RISER UP (ELBOW)
○	RISE OR DROP
○	BRANCH - BOTTOM CONNECTION
○	BRANCH - TOP CONNECTION
○	BRANCH - SIDE CONNECTION
○	CLEANOUT
○	POINT OF CONN. BETWEEN NEW & EXIST.
○	VALVE
○	BALANCING VALVE (CIRCUIT SETTER)
○	DOMESTIC WATER SUBMETER

ADA COMPLIANCE	
1	VERIFY FIXTURES THAT ARE INTENDED FOR HANDICAP USE WITH CURRENT ARCHITECTURAL DRAWINGS.
2	PLUMBING FIXTURES DESIGNATED FOR HANDICAP USE SHALL COMPLY WITH ADA AND ALL STATE, CITY, AND LOCAL REQUIREMENTS PERTAINING TO HANDICAP ACCESSIBILITY.
3	FIXTURE INSTALLATION SHALL COMPLY WITH ADA AND ANY STATE, CITY, AND LOCAL REQUIREMENTS PERTAINING TO HANDICAP ACCESSIBILITY.
4	THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ADA AND ALL STATE, CITY, AND LOCAL REQUIREMENTS PERTAINING TO PLUMBING FIXTURES AND PLUMBING FIXTURE INSTALLATION FOR USE BY THE HANDICAPPED.

WATER HAMMER ARRESTER SCHEDULE										
CHART A - FOR GROUDED FIXTURES		CHART B - FOR LONG PIPE RUNS								
P.D.I. SIZE	FIXTURE UNITS	P.D.I. WATER HAMMER ARRESTERS								
A	1-11	LENGTH OF PIPE	NOMINAL PIPE DIAMETER							
B	12-32	25'	A	B	C	D	E	F	G	
C	33-60	50'	A	B	C	D	E	F	G	
D	61-113	75'	B	C	D	AE	F	EF	FF	
E	114-154	100'	C	D	E	F	AF	EF	FFF	
F	155-330	150'	D	E	F	DF	FF	FFF	FFF	

- NOTES:**
- WATER HAMMER ARRESTERS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD PDI-WH201.

PLUMBING SHEET INDEX	
Sheet Number	Sheet Name
R-P000	PLUMBING GENERAL
R-P100	PLUMBING DETAILS
R-P200	PLUMBING FLOOR PLAN - LEVEL B4 - ZONE R1
R-P201	PLUMBING FLOOR PLAN - LEVEL B4 - ZONE R2
R-P202	PLUMBING FLOOR PLAN - LEVEL B3 - ZONE R1
R-P203	PLUMBING FLOOR PLAN - LEVEL B3 - ZONE R2
R-P204	PLUMBING FLOOR PLAN - LEVEL B2 - ZONE R1
R-P205	PLUMBING FLOOR PLAN - LEVEL B2 - ZONE R2
R-P206	PLUMBING FLOOR PLAN - LEVEL B1 - ZONE R1
R-P207	PLUMBING FLOOR PLAN - LEVEL B1 - ZONE R2
R-P208	PLUMBING FLOOR PLAN - LEVEL 1 - ZONE R1
R-P209	PLUMBING FLOOR PLAN - LEVEL 1 - ZONE R2
R-P210	PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R1
R-P211	PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R2
R-P212	PLUMBING FLOOR PLAN - LEVEL 3
R-P213	PLUMBING FLOOR PLAN - LEVEL 4-14
R-P214	PLUMBING FLOOR PLAN - LEVEL 15-19
R-P215	PLUMBING FLOOR PLAN - LEVEL 19
R-P216	PLUMBING FLOOR PLAN - ROOF
R-P400	PLUMBING PART PLANS
R-P401	PLUMBING PART PLANS
R-P402	PLUMBING PART PLANS
R-P403	PLUMBING PART PLANS
R-P500	PLUMBING RISER DIAGRAMS

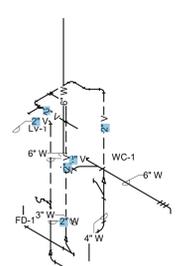
PLUMBING ABBREVIATIONS	
ABBR.	DESCRIPTION
A/C	ABOVE CEILING
AAV	AIR ADMITTANCE VALVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
B/F	BELOW FLOOR
B/G	BELOW GRADE
CL	CENTER LINE
CO	CLEANOUT
CLG	CEILING
CW	COLD WATER
DN	DOWN
EWC	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
GCO	GRADE CLEANOUT
GT	GREASE TRAP
GV	GATE VALVE
GW	GREASE WASTE
HD	HUB DRAIN
HW	HOT WATER
INV EL	INVERT ELEVATION
LV	LAVATORY
NA	NOT APPLICABLE
OH	OVERHEAD
OD	OVERFLOW DRAINAGE
ORD	OVERFLOW ROOF DRAIN
RD	ROOF DRAIN
SKN	SANITARY
SK	SINK
SS	SANITARY SEWER
ST	STORM
TYF	TYPICAL
UR	URINAL
V	VENT
VTR	VENT THRU ROOF
WC	WATER CLOSET
WCO	WALL CLEANOUT
W	WASTE
TP	TRAP PRIMER
UC	UNDER COUNTER

NOTE: THESE ARE STANDARD ABBREVIATIONS. ALL ITEMS MAY NOT APPEAR ON DRAWINGS.

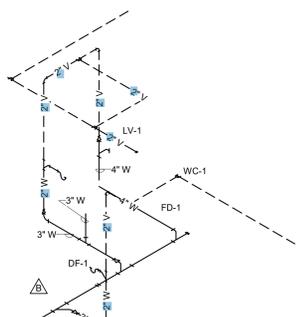
PLUMBING FIXTURE SCHEDULE									
MARK	DESCRIPTION	MAKE / MODEL	LOCATION	FIXTURE SUPPORT	MIN. CONNECTION SIZE			MINIMUM VENT SIZE	REMARKS
					OW	HW	WASTE		
LV-1	LAVATORY	KOHLER K-2214-G	PUBLIC AREAS	COUNTER	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH KOHLER K-1440-3 FAUCET. PROVIDE WITH REPAIR KIT FOR A MAXIMUM FLOW RATE OF 0.5 GPM.
LV-2	LAVATORY	SEE ARCH PLANS	UNITS	COUNTER	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH KOHLER K-7306-4 FAUCETS. 1.2 GPM.
SK-1	SINK	SEE ARCH PLANS	UNITS	COUNTER	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH KOHLER K-22972-CP. 1.5 GPM.
SK-2	SINK	SEE ARCH PLANS	PANTRY	COUNTER	1/2"	1/2"	2"	SEE PLANS	SEE ARCHITECTURAL PLANS FOR EXACT SPECIFICATIONS. 2.0 GPM MAX.
WC-1	WATER CLOSET (FLUSH VALVE)	TOTO CT708UV(G)	PUBLIC AREAS	WALL	1"	---	4"	SEE PLANS	PROVIDE WITH OPEN FRONT SEAT AND FIXTURE CARRIER. 1.0 GPF MAX.
WC-2	UNIT WATER CLOSET (FLUSH TANK)	SEE ARCH PLANS	UNITS	FLOOR	3/4"	---	4"	SEE PLANS	1.28 GPF MAX.
SH-2	SHOWER	SEE ARCH PLANS	UNITS	FLOOR	1/2"	1/2"	2"	SEE PLANS	TRENCH DRAIN SHOWER PAN WITH TD-3660-OS/SH-R SOLID DRAIN COVER. PROVIDE WITH KOHLER K-76474 SHOWER HEAD (2.0 GPM) AND KOHLER K-TS73115-4 SHOWER VALVE.
BT-2	BATH TUB	SEE ARCH PLANS	UNITS	FLOOR	1/2"	1/2"	2"	SEE PLANS	STAND ALONE TUB. PROVIDE WITH KOHLER K-T73087-4-CP FAUCET.
FD-1	FLOOR DRAIN	MIFAB F1103-C-TS	FOH DRAINS	FLOOR	1 1/2"	---	3"	SEE PLANS	*TOP SET* FINISHED FLOOR DRAIN WITH 6" DIAM. ADJUSTABLE NICKEL BRONZE STRAINER. PROVIDE WITH PLASTIC COVER AND TRAP PRIMER CONNECTION (**PROVIDE WITH 1/2" TRAP PRIMER CONNECTION FROM NEARBY SINK TAILPIECE - MIFAB MODEL M-759 OR APPROVED EQUAL).
FD-2	FLOOR DRAIN	MIFAB F1103-C-TS	BOH DRAINS	FLOOR	---	---	3"	SEE PLANS	*TOP SET* FINISHED FLOOR DRAIN WITH 6" DIAM. ADJUSTABLE NICKEL BRONZE STRAINER. PROVIDE WITH PLASTIC COVER, SEDIMENT BUCKET, AND TRAP GUARD IN LIEU OF TRAP PRIMER.
DD-1	DECK DRAIN	MIFAB R1200-RB15	AMENITY	FLOOR	---	---	---	SEE PLANS	INCLUDED BALLAST GUARD TO BE ORDERED WITH HEIGHT AS REQUIRED SUCH THAT TOPOF GRATE IS FLUSH WITH FINISHED FLOOR.
PD-1	PARKING DRAIN	MIFAB F1320-C	PARKING DECK	FLOOR	---	---	3"	---	AREA DRAIN WITH ADJUSTABLE, HEEL-PROOF, 9" DIAM TRACTOR GRATE RATED FOR TRUCK LOADS.
RD-1	ROOF DRAIN	ZURN Z100F	ROOF	ROOF	---	---	---	SEE PLANS	HIGH PERFORMANCE ROOF DRAIN WITH GRAVEL STOP AND CAST IRON DOME. PROVIDE WITH EXTENSIONS AS NECESSARY. OVERFLOW SHALL BE PROVIDED WITH A 2" HIGH WATER DAM.
TD-1	TRENCH DRAIN	MIFAB T2000-PB-13	AMENITY	FLOOR	---	---	---	SEE PLANS	8" WIDE, 6" DEEP, GLASS FIBER REINFORCED POLYESTER TRENCH DRAIN WITH HEEL PROOF GRATE, CUT TO LENGTH AS SHOWN ON PLANS. COORDINATE EXACT LENGTH WITH ARCHITECTURAL PLANS. PROVIDE WITH NEUTRAL PIECES AS NECESSARY TO LIMIT TOTAL DEPTH AND BOTTOM OUTLET AT LOCATIONS SHOWN.
GI-1	GREASE INTERCEPTOR	MIFAB SUPER-1500	GROUND LEVEL	FLOOR	---	---	6"	SEE PLANS	PROVIDE WITH REMOTE PUMP OUT KIT, HIGH LEVEL ALARM, AND LID EXTENDERS AS NECESSARY. LIDS SHALL BE TRAFFIC RATED.
IMB-1	ICE MAKER SUPPLY BOX	OATEY	37385	WALL	1/2"	---	---	---	FIRE-RATED ICE MAKER SUPPLY BOX WITH INTEGRAL WATER HAMMER ARRESTOR AND QUARTER TURN STOP VALVE. OATEY MODEL 37687 TO BE USED IN LIEU OF MODEL SPECIFIED FOR ANY IMB INSTALLED IN NON FIRE-RATED ASSEMBLIES.
WMB-1	WASHING MACHINE SUPPLY BOX	OATEY	37357	WALL	1/2"	1/2"	3"	SEE PLANS	FIRE RATED WASHING MACHINE SUPPLY BOX WITH QUARTER-TURN STOP VALVES AND INTEGRAL WATER HAMMER ARRESTORS. OATEY MODEL 37609 TO BE USED IN LIEU OF MODEL SPECIFIED FOR ANY WMB INSTALLED IN NON FIRE-RATED ASSEMBLIES.
FS-1	FLOOR SINK	MIFAB	FS1520-FL-C	FLOOR	---	---	3"	SEE PLANS	8"x8"x6" FLOOR SINK WITH FLANGE, WHITE ACID RESISTANT INTERIOR, MEMBRANE CLAMP, WEEP HOLES, ALUMINUM DOME STRAINER, AND STAINLESS STEEL SEDIMENT BUCKET. PROVIDE WITH TRAP GUARD IN LIEU OF TRAP PRIMER.
DS-1	DOWNSPOUT	MIFAB	R1940	WALL	---	---	---	SEE PLANS	FABRICATED BRONZE DOWNSPOUT WITH THREADED OUTLET.
PR-1	PROMENADE DRAIN	MIFAB	F1100-C-PD	FLOOR	---	---	---	SEE PLANS	PROMENAD/AD DECK DRAIN.
NFRH-1	NON-FREEZE ROOF HYDRANT	WOODFORD	RHY1-MS	ROOF	3/4"	---	---	---	SELF DRAINING, NON FREEZE ROOF HYDRANT WITH ROOF DECK MOUNTING HARDWARE, AND THREADED OUTLET.
DF-1	DRINKING FOUNTAIN	ELKAY	EZWS-EDFPBM17K	WALL	3/4"	---	2"	SEE PLANS	BLEVEL DRINKING FOUNTAIN WITH INTEGRAL BOTTLE FILLING STATION.
MS-1	MOP SINK	FIAT	MSB2424	FLOOR	3/4"	3/4"	3"	SEE PLANS	PROVIDE WITH 830AA SERVICE FAUCET WITH INTEGRAL PAIL HOOK, WALL BRACE, THREADED OUTLET, AND VACUUM BREAKER. PROVIDE WITH MSG2424 WALL GUARDS.

ELECTRIC WATER HEATER SCHEDULE									
MARK	TYPE	STORAGE CAPACITY (GAL)	KW	RECOVERY @ 80°F TEMP RISE (GPH)	MAKE/MODEL	ELECTRICAL	LOCATION	REMARKS	
EWH-1	TANKLESS	---	5.0	---	EEMAX AM007240T	208V1PH	LEVEL 1 UNISEX RR	WITH INTEGRAL ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.	
EWH-2	TANKLESS	---	5.0	---	EEMAX AM007240T	208V1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.	
EWH-3	TANKLESS	---	5.0	---	EEMAX AM007240T	208V1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.	
EWH-4	TANKLESS	---	5.0	---	EEMAX AM007240T	208V1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.	
EWH-5	TANKLESS	---	5.0	---	EEMAX AM007240T	208V1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.	
EWH-6	TANKLESS	---	5.0	---	EEMAX AM007240T	208V1PH	LEVEL 2 UNISEX RR	WITH INTEGRAL ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.	
EWH-7	TANK-TYPE	80	12.5	63	A.O. SMITH DRE-60	480V3PH	LEVEL 2 JANITORS CLOSET	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.	
EWH-8	TANK-TYPE	20	4.5	23	A.O. SMITH DEL-20	277V1PH	LEVEL 2 CATERING KITCHEN	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.	
EWH-9	TANKLESS	---	4.1	---	EEMAX AM007240T	277V1PH	LEVEL B3 JANITORS CLOSET	WITH INTEGRAL ASSE 1070 LISTED, MIXING VALVE. 0.3 GPM TURN ON. SET DISCHARGE TEMPERATURE AT 105°F. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.	
EWH-10	TANK-TYPE	10	3.0	16	A.O. SMITH DEL-10	208V1PH	LEVEL 2 JANITORS CLOSET	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.	
EWH-8	TANK-TYPE	50	4.5	23	A.O. SMITH DEL-40	208V1PH	2 BH UNITS	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.	
EWH-C	TANK-TYPE	50	4.5	23	A.O. SMITH DEL-50	208V1PH	3 BH UNITS	SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS. STORAGE TEMPERATURE TO BE SET AT 125°F.	

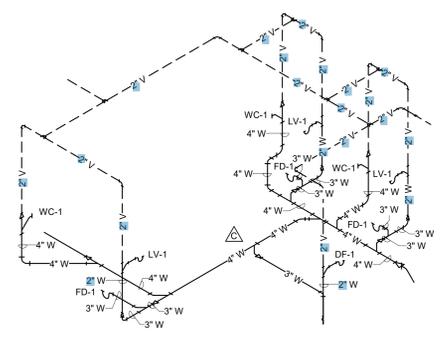
PUMP SCHEDULE									
MARK	SERVICE	MAKE/MODEL	CAPACITY (GPM)	DISCHARGE HEAD (FT)	HP (70 W)	ELECTRICAL	REMARKS		
CP-1	HOT WATER CIRCULATION	BELL AND GOSSETT ECOICR-20-18	2	5		115V1PH	ELECTRICALLY COMMUTATED MOTOR WITH BUILT-IN ELECTRICAL OVERLOAD AND DRY RUN PROTECTION. INTEGRAL, STAND-ALONE CONTROLS FOR CONSTANT TEMPERATURE OPERATION (SET AT 115°F). STAINLESS STEEL CONSTRUCTION. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
ESP-1	ELEVATOR SUMP PUMP	ZOELLER/ 940-0014	50	20	1/2	115V1PH	PREPACKAGED OIL MINDER SUMP PUMP (MODEL N161 PUMP) WITH ALARM PANEL. PROVIDE WITH FULL OPEN PORT SHUT OFF VALVE AND CHECK VALVE. PLUG-TYPE DISCONNECT. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
ESP-2	ELEVATOR SUMP PUMP	ZOELLER/ 188	100	20	1	115V1PH	PROVIDE WITH MANUFACTURERS ELEVATOR CONTROL/ALARM PANEL (10-1526) AND OIL SMART PUMP SWITCH (10-1528) FOR A COMPLETE ELEVATOR SUMP PUMP KIT. PROVIDE WITH FULL OPEN PORT SHUT-OFF VALVE AND CHECK VALVE. PLUG-TYPE DISCONNECT. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
ESP-3	ELEVATOR SUMP PUMP	ZOELLER/ 940-0014	150	20	2	208V1PH	PREPACKAGED OIL MINDER SUMP PUMP (MODELH284 PUMP) WITH ALARM PANEL. PROVIDE WITH FULL OPEN PORT SHUT OFF VALVE AND CHECK VALVE. PLUG-TYPE DISCONNECT. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
FP	FIRE PUMP	BY FIP CONTRACTOR	750 (200 PSI)	150	480V3PH		PROVIDE WITH UL LISTED, SOFT START SOFT START CONTROLLER WITH INTEGRAL DISCONNECT.		
IP-1	IRRIGATION PUMP	BY IRRIGAON DESIGNER	---	---	---	---	SEE IRRIGATION DRAWINGS FOR MORE INFORMATION.		
JP-1	JOCKEY PUMP	BY FIP CONTRACTOR	---	---	2	480V3PH	PUMP TO BE RATED FOR 350 PSI WORKING PRESSURE. PROVIDE JOCKEY PUMP CONTROLLER.		
SP-1	STORM SUMP PUMP	ZOELLER 284	60	20	1	115V1PH	PROVIDE WITH FULL OPEN PORT SHUT OFF VALVE AND CHECK VALVE. PROVIDE WITH SIMPLEX CONTROL PANEL ON ADJACENT WALL. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
SP-2	STORM SUMP PUMP	ZOELLER 284	60	20	1	115V1PH	PROVIDE WITH FULL OPEN PORT SHUT OFF VALVE AND CHECK VALVE. PROVIDE WITH SIMPLEX CONTROL PANEL ON ADJACENT WALL. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.		
SP-3	STORM SUMP PUMP	ZOELLER 284	60	20					



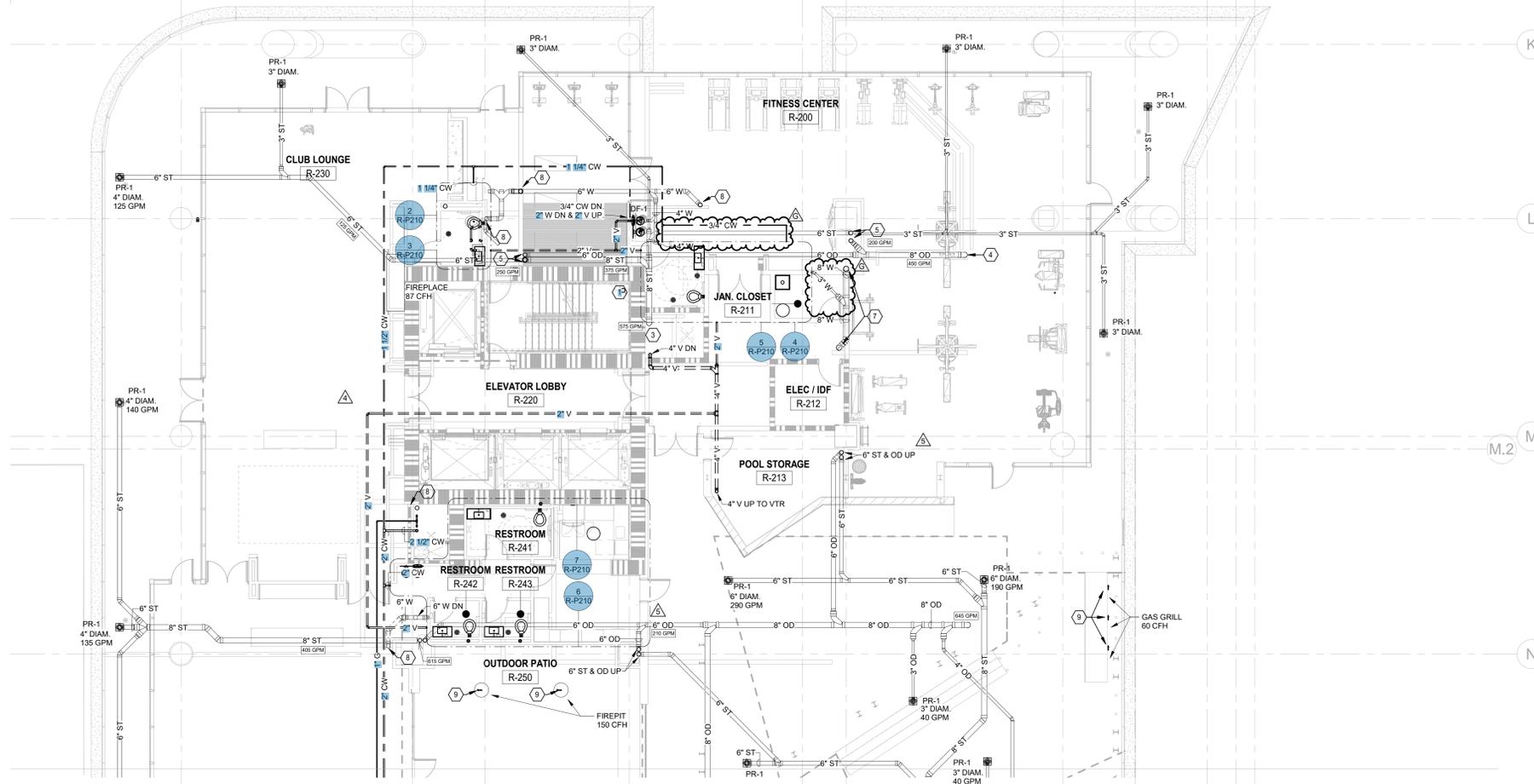
8 PLUMBING SANITARY RISER DIAGRAM - LEVEL 2 R1 - UNISEX RESTROOM 1
R-P210 NOT TO SCALE



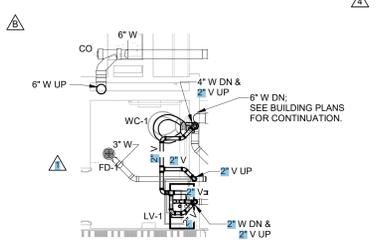
9 PLUMBING SANITARY RISER DIAGRAM - LEVEL 2 R1 - UNISEX RESTROOM 2
R-P210 NOT TO SCALE



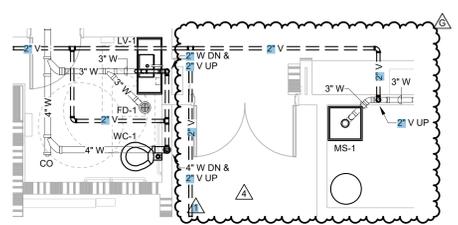
10 PLUMBING SANITARY RISER DIAGRAM - LEVEL 2 ZONE R1 - RESTROOM
R-P210 NOT TO SCALE



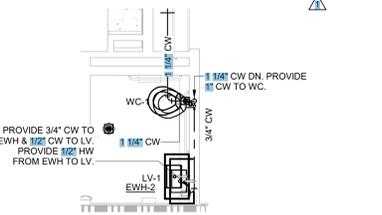
1 PLUMBING FLOOR PLAN - LEVEL 2 - ZONE R1
R-P210 1/8\"/>



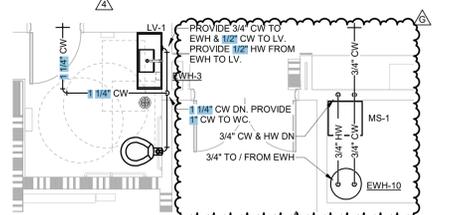
2 PLUMBING SANITARY PART PLAN - LEVEL 2 R1 - UNISEX RESTROOM 1
R-P210 1/4\"/>



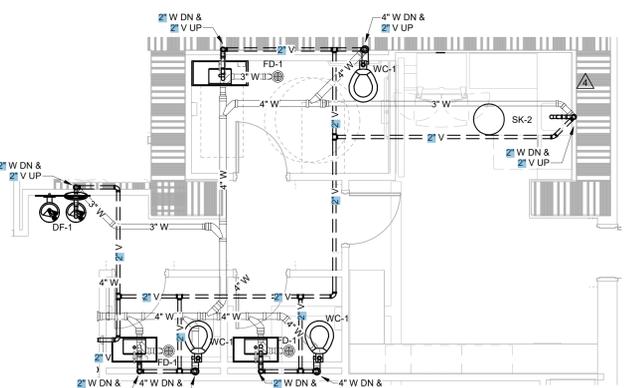
4 PLUMBING SANITARY PART PLAN - LEVEL 2 R1 - UNISEX RESTROOM 2
R-P210 1/4\"/>



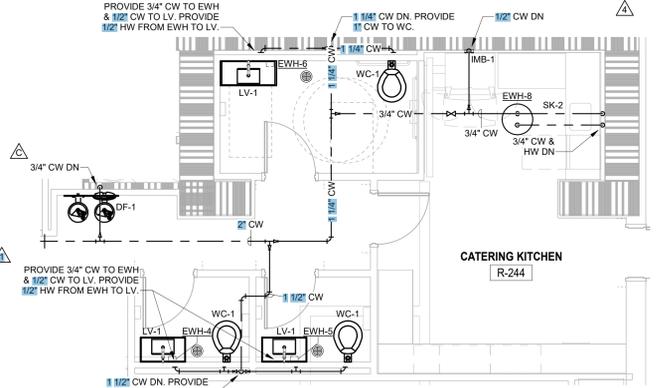
3 PLUMBING SUPPLY PART PLAN - LEVEL 2 R1 - UNISEX RESTROOM 1
R-P210 1/4\"/>



5 PLUMBING SUPPLY PART PLAN - LEVEL 2 R1 - UNISEX RESTROOM 2
R-P210 1/4\"/>



6 PLUMBING SANITARY PART PLAN - LEVEL 2 ZONE R1 - RESTROOM
R-P210 1/4\"/>



7 PLUMBING SUPPLY PART PLAN - LEVEL 2 ZONE R1 - RESTROOM
R-P210 1/4\"/>

- GENERAL NOTES:**
- ALL COLD WATER, HOT WATER, GAS AND VENT PIPING SHALL BE ROUTED ABOVE THE CEILING AND ALL SANITARY/WASTE PIPING SHALL BE ROUTED BELOW FLOOR UNLESS NOTED OTHERWISE.
 - ALL STACK OFFSETS ARE LOCATED IN THE CEILING OF LEVEL 14 UNLESS NOTED OTHERWISE.
 - GAS PIPING HAS BEEN SIZED PER 2018 INTERNATIONAL FUEL GAS CODE, CHAPTER 4, TABLE 402.4(5). GAS: NATURAL.
 - STORM PIPING AND DRAINS HAVE BEEN SIZED PER 2018 INTERNATIONAL PLUMBING CODE, CHAPTER 11, TABLE 1106.2.
- RAINFALL RATE: 3.7\"/>

- KEYED NOTES:**
- STANDPIPE WITHIN STAIR AT MAIN LANDING. PROVIDE WITH FIRE HOSE CONNECTION.
 - NOT USED.
 - 8\"/>



Sketch Title: RFI #R-0122 PLUMBING SKETCH			R-PSK-018
Project No. 04954-000	Scale: As indicated	Date: 12.14.2023	Reference Sheet: R-P210