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3237 SATELLITE BOULEVARD, SUITE 525

TELECOMMUNICATIONS CONSULTANTS

IN COORDINATION WITH DEVELOPER'S

CONSULTANT WORKING IN PARALLEL:

SEAL

END USER

PROJECT DESCRIPTION

AMAZON LIT3

2026 IXD GEN5M

CROSS-DOCK WAREHOUSE FACILITY

PROJECT LOCATION

(RECEIPT & REDISTRIBUTION)

HARRINGTON GROUP, INC

HARGIS

HARGIS ENGINEERS, INC

SEATTLE, WA 98101

PICKERING FIRM, INC.

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2050 W. WHISPERING WIND DR, STE 158

SHIRK & O'DONOVAN

ALL CEILING MOUNTED HVAC EQUIPMENT, FIRE PROTECTION SYSTEMS AND LIGHTING UNLESS NOTED DIFFERENTLY BASED ON SITE CONDITIONS. NO ITEMS OR OBSTRUCTIONS SHALL BE INSTALLED BELOW 36'-0" A.F.F. WITHOUT WRITTEN APPROVAL OF TENANT (CLEAR HEIGHT SHALL BE VERIFIED WITH TENANT / ARCHITECT PRIOR TO

NO ITEMS OR DEVICES SHALL BE INSTALLED ON THE FACE OF ANY INTERIOR STRUCTURAL COLUMN WITHOUT THE WRITTEN APPROVAL OF TENANT.

ALL GAS PIPING TO BE INSTALLED BELOW ROOF UNLESS NOTED OTHERWISE. ALL GAS PIPING TO

ALL COLD AND HOT WATER PIPING TO BE INSULATED.

BE PAINTED SAFETY YELLOW.

ROOF DRAIN SYSTEM SIZED AT 3" PER HOUR RAINFALL. HORIZONTAL ROOF DRAIN LEADERS TO SLOPE AT 1/8" PER FOOT UNLESS OTHERWISE NOTED.

PROVIDE CLEANOUT +5'-0" ABOVE FLOOR SLAB ON VERTICAL ROOF DRAIN LEADERS. GAS PIPE SIZES SHOWN ON FLOOR PLAN ARE MEDIUM PRESSURE PIPE SIZES. LOW PRESSURE PIPE SIZE FROM REGULATOR TO EQUIPMENT SHALL BE SIZED PER APPROVED REGULATOR

). INSTALL A PIPING EXPANSION LOOP WHERE ANY WATER OR NATURAL GAS PIPING CROSSES A BUILDING EXPANSION JOINT, OR WHERE OTHERWISE REQUIRED BY CODE.

. ALL OVERHEAD PIPING TO BE ROUTED AS TO AVOID CONFLICT WITH LIGHTS, SKYLIGHTS AND DUCT DROPS.

WATER LINES SHALL BE RUN DOWN ALONG COLUMNS WHEN GOING THROUGH FLOOR SLAB FROM ONE FLOOR LEVEL TO ANOTHER. CONTRACTOR SHALL COORDINATE FLOOR PENETRATION

LOCATIONS WITH OTHER TRADES. 3. NATURAL GAS PIPING SYSTEM IS SIZED AT 5 PSI.

MANUFACTURERS RECOMMENDATIONS.

4. DRAWINGS ARE IN COMPLIANCE WITH PLUMBING CODE SECTION 403.2 PLUMBING CODE TABLE

5. DRAWINGS ARE IN COMPLIANCE WITH INTERNATIONAL FUEL GAS CODE SECTION 2016. GAS

METER IS LOCATED ON EXTERIOR OF BUILDING. . TENANT IMPROVEMENTS WILL BE SUBMITTED UNDER SEPARATE APPLICATION.

WATER PIPING SYSTEM DESIGNED USING A SYSTEM OF PRESSURE REQUIREMENTS AND LOSSES AS NOTED IN IPC TO VERIFY VELOCITIES AND SELECT PIPE SIZES ALLOWED PER CODE.

PLUMBING PROJECT NOTES

FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, FEES, PERMITS, CERTIFICATE OF INSPECTION, ETC. NECESSARY OR REASONABLE, REQUIRED FOR THE COMPLETE INSTALLATION OF ALL PLUMBING WORK.

WORK SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL CODES, LAWS, ACTS, ORDINANCES, REGULATIONS AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. THE COMPLETED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL THE APPLICABLE INDUSTRY STANDARDS OF GOOD PRACTICE, SAFETY, AND THE MANUFACTURERS STRICTEST RECOMMENDATIONS FOR EQUIPMENT AND PRODUCT APPLICATION AND INSTALLATION.

THESE DRAWINGS ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL MAKE MODIFICATIONS INCLUDING OFFSETS, TURNS, AND RE-ROUTING REQUIRED TO COMPLETE THE INSTALLATION. DO NOT SCALE LOCATION OF EQUIPMENT OR PIPING.

COORDINATE ALL PLUMBING WORK, INCLUDING EQUIPMENT AND PIPING, WITH OTHER TRADES

ALL PLUMBING WORK IS TO RUN IN A NEAT AND PROFESSIONAL MANNER, WITH THE AESTHETICS OF THE FACILITY OF PARAMOUNT IMPORTANCE. ALL ROUGH-IN WORK TO BE HIDDEN WITHIN WALLS AND ABOVE CEILING UNLESS OTHERWISE NOTED.

ALL WORK SHALL BE LOCATED TO AVOID CONFLICTS WITH OTHER TRADES. CLOSELY COORDINATE ALL WORK WITH LL OTHER TRADES. FAILURE OF THE CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES SHALL RELIEVE THE ARCHITECT/ENGINEER/OWNER FROM ANY ADDED COSTS. THE CONTRACTOR SHALL DO ALL NECESSARY CUTTING OF WALLS AND CEILING. PATCH AROUND

WITHOUT PERMISSION FROM THE ENGINEER. CONTRACTOR TO VERIFY AND COORDINATE AVAILABLE VOLTAGE WITH ELECTRICAL CONTRACTOR

ALL OPENINGS TO MATCH EXISTING CONSTRUCTION. NO STRUCTURAL MEMBER SHALL BE CUT

PRIOR TO ORDERING EQUIPMENT THESE DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE LOCATIONS OF FIXTURES, EQUIPMENT, LINES, ETC. COORDINATE ALL DOCUMENTS AS TO PROPER LOCATIONS OF ALL

EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL

CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF SEWERS TO WHICH NEW WASTE LINES ARE TO BE CONNECTED BEFORE MAKING UP OR INSTALLATION OF NEW WASTE SYSTEM.

THE INSTALLATION OF ALL VALVES, UNIONS, THERMOMETERS, GAUGES, OR OTHER INDICATING OR RECORDING EQUIPMENT, OR SPECIALTIES REQUIRING FREQUENT READING, REPAIRS, ADJUSTMENT, INSPECTION, REMOVAL OR REPLACEMENT SHALL BE CONVENIENTLY AND

ACCESSIBLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING. ALL VENTS THRU ROOF SHALL BE 10'-0" REMOVED FROM ALL AIR INTAKES.

EQUIPMENT AND MATERIALS.

WHERE POSSIBLE TIE VENT PIPING TOGETHER SO THAT A MINIMUM NUMBER TERMINATE THROUGH THE ROOF.

CONTRACTOR SHALL ROUGH-IN ALL WASTES AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURERS SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE

NO PIPING OR EQUIPMENT SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT OR INSTALLED IN

2-1/2" AND SMALLER WASTE AND SOIL PIPING SHALL BE SLOPED AT 1/4" PER FOOT AND 3" AND LARGER WASTE AND SOIL PIPING SHALL BE SLOPED AT 1/8" PER FOOT UNLESS OTHERWISE NOTED

ALIGN LAVATORY WALL ROUGH-IN/STUB-OUTS EXACTLY WITH CENTERLINE OF LAVATORIES.

ALL STUBS THRU SLAB ARE TO BE RECESSED 1/2" TO ALLOW USE OF LASER SCREED.

DO NOT SUSPEND ANY PIPING, ACCESSORIES, OR ANY OTHER ITEMS FROM 2X JOIST IN PANELIZED ROOF SYSTEM OR THE PLYWOOD ROOF DECK ITSELF. ALL SUPPORTS SHALL CONFORM TO TRUSS MANUFACTURERS RECOMMENDATIONS

SUBMIT ACCURATE "AS-BUILT" DRAWINGS TO OWNER UPON PROJECT COMPLETION.

PROVIDE A READY-TO-USE SYSTEM WITH ALL WORK GUARANTEED IN WRITING AGAINST

DEFECTIVE WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR MINIMUM FROM OWNER OCCUPANCY UNLESS ARCHITECT SPECIFIES A LONGER WARRANTY TERM.

FINISHED SURFACES ARE TO BE PATCHED AND FINISHED TO MATCH EXISTING SURFACES WHEN ROUGH-IN PIPING AND FIXTURES ARE REMOVED AND/OR RELOCATED.

CORE DRILL EXISTING FLOOR SLAB AND SLEEVE AIR TIGHT.

ON-SITE INSPECTION OF EXISTING CONDITIONS SHALL BE MADE PRIOR TO COMMENCING WORK. MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE

THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTME E 84. . WATER PIPING ROUTED ABOVE CEILING AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE (UNDERSIDE) OF CEILING INSULATION AND HEATED SIDE (INSIDE) OF WALL INSULATION.

TOPS OF ALL FLOOR DRAINS, FLOOR SINKS AND CLEANOUTS SHALL BE SET FLUSH WITH FINISHED PROVIDE REDUCED PRESSURE BACKFLOW PREVENTERS AT ALL DOMESTIC WATER CONNECTIONS TO MECHANICAL EQUIPMENT, IRRIGATION, AND VENDING EQUIPMENT AS REQUIRED BY LOCAL

CLEARANCE AT THE LOWEST POINT AND LOCATED NO MORE THAN 5'-0" ABOVE FLOOR AT THE HIGHEST POINT OF THE DEVICE. PROVIDE MANUFACTURED EXPANSION DEVICE OR FABRICATED EXPANSION LOOP ON ALL PIPING

CODE AUTHORITIES. BACKFLOW PREVENTERS ARE TO BE LOCATED WITH A MINIMUM OF 1'-0"

SYSTEMS CROSSING BUILDING EXPANSION JOINTS. PROVIDE AN INLINE FILTER ON THE DOMESTIC WATER SUPPLY TO ALL ICE MACHINES, FILTRINE MODEL 4TM OR ENGINEER APPROVED EOUAL.

GAS PIPE SIZING CRITERIA

GAS PIPE SIZING BASED ON INLET PRESSURE OF 5 P.S.I. PRESSURE DROP OF 3.5 P.S.I. SPECIFIC GRAVITY OF .60 TOTAL LENGTH OF PIPING: 2,630 FT. (LONGEST RUN) HEATING CAPACITY: 19,340 MBH GENERATOR CAPACITY: 5,888 MBH

TOTAL CAPACITY: 25,228 MBH

FIXTURE CONNECTION SCHEDULE MINIMUM SIZE UTILITY TO FIXTUR HW **FIXTUR** FIXTURE TYPE SUPPLY SUPPLY WATER CLOSET - FLUSH VLVE WALL HUNG- H.C. LARGE STALL WATER CLOSET - FLUSH VLVE WC-2 WALL HUNG WATER CLOSET - FLUSH VLVE WC-3 FLOOR MOUNT 1/2" LAV-1 LAVATORY - UNDERMOUNT 1/2" LAV-2 LAVATORY - WALL-HUNG 1/2" URINAL - WALL HUNG FLUSH VALVE H.C. UR-2 URINAL - WALL HUNG FLUSH VALVE EWC-1 ELECTRIC WATER COOLER 1-1/2" MS-1 MOP SINK 3/4" 1/2" SINK - SINGLE COMPARTMENT SK-2 SINK - TWO COMPARTMENT SK-3 SINK - SINGLE COMPARTMENT 1/2" FD-1 FLOOR DRAIN FS-1 FLOOR SINK FS-2 FLOOR SINK

WATER CALCULATIONS

NOTE: NO FLOW TEST HAS BEEN PROVIDED/ CONDUCTED. AN ASSUMED PRESSURE OF 65 PSI HAS BEEN

	WATER PRESSURI	E CALC	ULAT	IONS		
	ING DATA			AVAILABLE F	FLOW DATA	
Total	Fixture Units	742.6	WSFU	Static	65	PSI
	tic Water Demand (WSFU to GPM)	176	GPM	Residual		PSI
	owrate (Fixture Units + HVAC + Process Water)	176	GPM	City Flow	2500	GPM
	Meter Size (Provided By Others)	3		Test Date	XX/XX/XX	
	ow Preventer Size (Provided By Others)	4	Inches	HVAC Flow	0	GPM
	tic Water Service Size Required	4	Inches	Process Flow	0	GPM
SERV	CE & BUILDING DISTRIBUTION LOSSES					
A	Available Pressure at Street			65		PSI
1	Tap & Service Line Material			PVC		
1	Tap & Service Line Size			4	I	nches
	Tap Line Length to Water Meter			50		Feet
	Service Line Length from Water Meter to Building			900		Feet
В.	Meter Loss			5		PSI
C.	Backflow Preventer Loss			12		PSI
D.	Special Fixture Loss - Filter/Softener			0		PSI
Ε.	Minimum Pressure Required at Fixture			25		PSI
F.	Tap & Tap Line Loss			0.49		PSI
G.	Service Line Loss			6.39		PSI
	Elevation of Highest Fixture			20		Feet
H.	Elevation Loss [Feet x 0.433 PSI/FT]			8.7		PSI
I.	Pressure Provided by Pump			33.7		PSI
BUILD	ING PIPE LENGTHS					
	Horizontal Length			2188.3	R	Feet
	Vertical Length			40		Feet
	Total Pipe Length			2228.3		Feet
	Fitting Allowance [Total x 25%]			557.09	5	Feet
J.	Equivalent Pipe Length			2785.47		Feet
K	ALLOWABLE LOSS DUE TO FRICTION			3.00		Loss,
						100ft
BOOS	TER PUMP DATA					
	Suction Pressure			34.12		PSI
1	Pressure Loss Due to Friction			83.5642		PSI
	System Loss Through Booster Skid			2.00		PSI
	Final Discharge Pressure			65.78		PSI
				77,77		Feet
	Pump Total Developed Head (TDH)					

FIXTURE UNITS VS. PRESSURE LDSS							
IN PSI / 100 FEET TYPE "L" COPPER TUBE; CW MAXIVELOCITY = 6 FPS/ HW MAXIVELOCITY = 5 FPS							
COLD WATER @ 3.0 PSI / 100'					HOT WATER @ 3.0 PSI / 100'		
IPE	FLUSH TANK	FLUSH VALVE	VELOCITY	FLOW	FLUSH TANK	VELOCITY	FLOW
SIZE	SFU	SFU	FEET/SEC	GPM	SFU	FEET/SEC	GPM
1/2"	0.9	N/A	2.60	1.9	*	*	×
3/4"	5.8	N/A	3.27	4.9	*	*	×
1"	12.96	N/A	3.87	10.0	*	*	*
1/4"	24.6	6.8	4.42	17.3	×	×	×
- 1/2"	44.7	10.3	4.93	27.4	*	*	*
2"	158	64.9	5.87	56.6	119.8	5	48.2
1/2"	321.8	191.6	6	89.2	246.8	5	74.4
3"	518.9	412	6	127.4	412	5	106.2
4"	1112.3	1112.3	6	224.0	852.5	5	186.6
6"	3747	3620	6	501.8	2844.5	5	418.2
ED WITH HAZEN WILLIAMS CONSTANT "C = 140"			* UTILIZ	E COLD WATER	SIZING CHART		

PLUMBING FIXTURE COUNT

			WAILK		WASIL
<u>FIXTURE</u>	<u>QTY</u>	WATER F.U.	TOTAL	WASTE F.U.	TOTAL
W.C. (F.V.)	49	10	490	4	196
UR	14	5	70	2	28
LAV	43	2	86	1	43
SK (1-COMP)	4	1.4	5.6	2	8
SK (2-COMP)	8	4	24	3	24
EWC	8	0.25	2	0.5	4
MS	8	3	24	2	16
HOSE BIBB	10	2.5	25	-	-
FLOOR DRAIN	35	-	-	2	70
FLOOR SINK	7	-	-	2	14
FOOT WASH	4	2	8	1	4

742.6 F.U. = 176 GPM

3" WATER METER, 3" BACKFLOW PREVENTER, 4" WATER SUPPLY NOTES:

FIXTURE UNIT COUNTS SHOWN ARE FOR PURPOSE OF WATER CALCULATIONS ONLY, AND SHALL NOT BE USED FOR PRICING OR ESTIMATING PURPOSES. REFER TO PLUMBING AND ARCHITECTURAL PLANS FOR FIXTURE COUNTS AND LOCATIONS.

742.6

PLUMBING CONTRACTOR SHALL FIELD VERIFY SITE WATER PRESSURE PRIOR TO STARTING ANY WORK. IF PRESSURE VARIES MORE THAT 3 P.S.I. FROM 65 PSI, CONTACT KRAEMER CONSULTING ENGINEERS AT (602) 285-1669.

ENERGY CODE COMPLIANCE NOTES

REQUIREMENTS SPECIFIC TO STORAGE WATER HEATER

SERVICE WATER HEATING SYSTEM DESIGN LOADS FOR THE PURPOSE OF SIZING SYSTEMS AND EQUIPMENT MUST BE DETERMINED IN ACCORDANCE WITH THE MANUFACTURER'S SIZING

SERVICE WATER HEATING EQUIPMENT USED SOLELY FOR HEATING POTABLE WATER, POOL HEATERS, AND HOT WATER STORAGE TANKS MUST MEET THE FOLLOWING MINIMUM EFFICIENCY: ELECTRIC WATER HEATER ENERGY FACTOR ≥= 0.97-0.00132V (V = RATED VOLUME IN GALLONS)

INSULATION MUST BE PROVIDED FOR RECIRCULATING SYSTEM PIPING, INCLUDING THE SUPPLY AND RETURN PIPING OF A CIRCULATING TANK TYPE WATER HEATER.

TEMPERATURE CONTROLS MUST BE PROVIDED THAT ALLOW FOR STORAGE TEMPERATURE ADJUSTMENT FROM 120 DEGREES F OR LOWER TO A MAXIMUM TEMPERATURE COMPATIBLE WITH THE INTENDED USE EXCEPT WHEN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS SPECIFY A HIGHER MINIMUM THERMOSTAT SETTING TO MINIMIZE CONDENSATION AND RESULTING CORROSION. DOCUMENTATION OF THE INSTALLATION INSTRUCTIONS MUST BE PROVIDED TO BE EXEMPTED FROM THIS REQUIREMENT.

SYSTEMS DESIGNED TO MAINTAIN USAGE TEMERATURES IN HOT WATER PIPES, SUCH AS RECIRCULATING HOT WATER SYSTEMS OR HEAT TRACE. MUST BE EQUIPPED WITH AUTOMATIC TIME SWITCHES OR OTHER CONTROLS THAT CAN BE SET TO SWITCH OFF THE TEMPERATURE MAINTENANCE SYSTEM DURING EXTENDED PERIODS WHEN HOT WATER IS NOT REQUIRED.

WHEN USED TO MAINTAIN STORAGE TANK WATER TEMPERATURE, RECIRCULATING PUMPS MUST BE EQUIPPED WITH CONTROLS LIMITING OPERATION TO THE START OF THE HEATING CYCLE TO A MAXIMUM OF 5 MINUTES AFTER THE END OF THE HEATING CYCLE.

PIPING MATERIAL LIST

BUILDING WATER SUPPLY PIPING

INSULATE ALL WATER LINES.

L. DOMESTIC WATER SYSTEM PIPING BELOW GRADE OR SLAB ON GRADE SHALL BE TYPE "K" SOFT TEMPER COPPER TUBING. DOMESTIC WATER SYSTEM PIPING ABOVE SLAB ON GRADE SHALL BE TYPE "L" HARD DRAWN COPPER TUBING

FITTINGS FOR COPPER PIPING BELOW GRADE WITH BRAZED JOINTS SHALL BE WROUGHT COPPER (THE SAME THICKNESS AS THE PIPING) FOR SOLDER JOINT-PRESSURE TYPE.

FITTINGS FOR COPPER PIPING ABOVE GRADE SHALL BE WROUGHT COPPER OR CAST RED BRASS FOR SOLDER JOINT-PRESSURE

JOINTS FOR COPPER PIPING SYSTEMS 2" AND SMALLER SHALL BE MADE USING 95-5 TIN-ANTIMONY OR APPROVED LEAD FREE SOLDER. (NO 50/50 OR ANY LEAD CONTAINING SOLDER WILL BE PERMITTED ON DOMESTIC WATER PIPING, HOT OR COLD.)

JOINTS FOR COPPER PIPING SYSTEMS 2-1/2" AND LARGER ABOVE GRADE SLAB AND ALL SIZES BELOW GRADE SLAB SHALL BE MADE USING SIL-FOS, EASY FLOW, OR PHOS COPPER BRAZING RODS WITH A MELTING TEMPERATURE ABOVE 1000 DEG. F.

SOIL, WASTE, AND VENT PIPING BELOW SLAB/GRADE SHALL BE HUB AND SPIGOT CAST IRON SOIL PIPE AND FITTINGS CONFORMING TO THE LATEST ISSUE OF ASTM A74, ANSI A112.5.1 AND FEDERAL SPECIFICATION WW-P-401E OR HUBLESS (NO HUB) CAST IRON SOIL PIPE AND FITTINGS CONFORMING TO ASTM STANDARD A-888 AND/OR CISPI STANDARD 301 (LATEST REVISION) AND FEDERAI SPECIFICATIONS WW-P-401E(TYPE III). POLYVINYLCHLORIDE (PVC) SEWER PIPE, SCHEDULE 40, CONFORMING TO ASTM D1784, D1785, AND D2665 MAY BE USED.

SOIL, WASTE, AND VENT PIPING ABOVE SLAB/GRADE SHALL BE HUBLESS CAST IRON SOIL PIPE AND FITTINGS CONFORMING TO ASTM STANDARD A-888 AND/OR CISPI STANDARD 301 (LATEST REVISION) AND FEDERAL SPECIFICATIONS WW-P-401E(TYPE III). POLYVINYLCHLORIDE (PVC) SEWER PIPE, SCHEDULE 40, CONFORMING TO ASTM D1784, D1785, AND D2665 MAY BE USED.

.. FITTINGS FOR CAST IRON SANITARY SOIL, WASTE AND VENT PIPING SYSTEM SHALL BE SERVICE WEIGHT CAST IRON DRAINAGE PATTERN CONFORMING TO CISPI STANDARD 301-95, COATED FOR UNDERGROUND INSTALLATION. THREADED CAST IRON DRAINAGE PATTERN FITTINGS TO CONFORM TO ANSI STANDARD B-16.4. FITTINGS SHALL BE PROVIDED TO MATCH THE REQUIRED PIPING SYSTEM.

FITTINGS FOR PVC PIPING SYSTEM SHALL BE SCHEDULE 40 DRAINAGE PATTERN, SOLVENT CEMENT TYPE CONFORMING TO ASTM D-2665 OR ELASTOMERIC SEAL TYPE CONFORMING TO ASTM D-3212.

TAPPED SANITARY TEES AND CROSSES WILL BE PERMITTED ONLY FOR FIXTURES CONNECTIONS. CROSSES SHALL HAVE THE

BARREL OF THE FITTING TWO PIPE SIZES LARGER THAN THE LARGEST BRANCH INLET. VENT FITTINGS INSTALLED BELOW SLAB ON GRADE SHALL HAVE DRAINAGE PATTERN.

JOINTS ON CAST IRON SOIL WASTE AND VENT SYSTEM BELOW GRADE SLAB SHALL BE GASKETS CONFORMING STRICTLY TO ASTM STANDARD C564, LATEST ISSUE OR NO-HUB SEALING SLEEVES CONFORMING STRICTLY TO ASTM STANDARD C564, CISPI STANDARD $\,$ 310 (LATEST REVISION), ASTM C1277, AND FEDERAL SPECIFICATIONS WW-P-401.

JOINTS ON CAST IRON SOIL WASTE AND VENT SYSTEM ABOVE GRADE SLAB SHALL BE NO-HUB SEALING SLEEVES CONFORMING STRICTLY TO ASTM STANDARD C564. CISPI STANDARD 310 (LATEST REVISION). ASTM C1277. AND FEDERAL SPECIFICATIONS WW-P-40 JOINTS FOR PVC DWV SYSTEMS SHALL BE EITHER SOLVENT CEMENT TYPE CONFORMING TO ASTM D-2855 OR ELASTOMERIC SEAL TYPE CONFORMING TO ASTM D-3212, EXCEPT ALL JOINTS ABOVE GRADE SHALL BE SOLVENT CEMENT.

BUILDING ROOF DRAINAGE SYSTEM

A. ROOF DRAIN PIPING ABOVE/BELOW THE SLAB OR GRADE SHALL BE HUB AND SPIGOT CAST IRON SOIL PIPE AND FITTINGS CONFORMING TO THE LATEST ISSUE OF ASTM A74, ANSI A112.5.1 AND FEDERAL SPECIFICAITONS WW-P-401E OR HUBLESS CAST IRON SOIL PIPE AND FITTINGS CONFORMING TO ASTM STANDARD A-888 AND/OR CISPI STANDARD 301 (LATEST REVISION) AND FEDERAL SPECIFICATIONS WW-P-401 (TYPE III). POLYVINYLCHLORIDE (PVC) SEWER PIPE, SCHEDULE 80, MAY BE USED ABOVE GRADE, AND SCHEDULE 40 BELOW GRADE.

WHEN PVC OR ABS PIPING IS INSTALLED FOR ROOF DRAINS THE INSTALLATION SHALL COMPLY WITH ALL CURRENT CODES AND LOCAL AMENDMENTS AND PER IAPMO/ASPE INSTALLATION STANDARDS. THE HORIZONTAL PIPE SHALL ALLOW FOR EXPANSION EVERY 30 FEET MINIMUM. INSTALL AN OFFSET FROM THE FIRST FLBOW ON THE HORIZONTAL BRANCH DIRECTLY UNDER THE ROOF DRAIN RECEIVER. THEN ANOTHER EXPANSION OFFSET A MINIMUM OF EVERY 30 FEET ALONG THE HORIZONTAL RUN

. FITTINGS FOR CAST IRON PIPE SHALL BE SERVICE WEIGHT CAST IRON DRAINAGE PATTERN, CONFORMING TO CISPI STANDARD 301-95 AND ASTM A-888. . FITTINGS FOR PVC PIPING SYSTEM SHALL BE SCHEDULE 40 DRAINAGE PATTERN, SOLVENT CEMENT TYPE CONFORMING TO ASTM

B-2855 OR ELASTOMERIC SEAL TYPE CONFORMING TO ASTM D-3212. JOINTS ON CAST IRON ROOF DRAIN SYSTEMS BELOW SLAB OR GRADE SHALL BE GASKETS CONFORMING STRICTLY TO ASTM STANDARD C564, LATEST ISSUE NO HUB COUPLINGS ABOVE AND BELOW GROUND. THEY SHALL BE MULTIPLE BAND TYPE (4 BANDS = 1-1/2" THRU 4") AND (6 BANDS = 5" THRU 15"). CONTRACTOR TO FOLLOW THE MANUFACTURERS RECOMMENDATION ON PSI OF TORQUE

REQUIRED TO SECURE COUPLINGS. NO-HUB SEALING SLEEVES CONFORMING STRICTLY TO ASTM STANDARD C564, CISPI STANDARD 310

(LATEST REVISION), ASTM C1277, AND FEDERAL SPECIFICATIONS WW-P-401. COUPLINGS SHALL BE MANUFACTURED BY MISSION "HEAVY

JOINTS FOR PVC ROOF DRAIN SYSTEMS SHALL BE EITHER SOLVENT CEMENT TYPE CONFORMING TO ASTM D-2855 OR ELASTOMERIC SEAL TYPE CONFORMING TO ASTM D-3212, EXCEPT ALL JOINTS ABOVE GRADE SHALL BE SOLVENT CEMENT.

GAS SYSTEM PIPING A. PIPING BELOW GRADE OUTSIDE OF THE BUILDING AND UP TO 6" ABOVE THE FINISHED GRADE SHALL BE POLYETHYLENE (PE) NATURAL AND LIQUIFIED PETROLEUM GAS YARD PIPING CONFORMING TO ASTM DESIGNATION D2513, PE3408 AND PE2406. PE PIPE IS PLASTIC OF 1/2 INCH OR LARGER SIZE. ONE-HALF INCH PIPE SHALL BE SDR 9. PIPE SIZES LESS THAN 3 INCHES SHALL BE SDR 11. PIPES 3 INCHES AND LARGER SHALL BE SDR 11.5 OR LOWER. FITTINGS: HEAT FUSION FITTINGS SHALL BE PE 2406, PE 3408, OR OTHER LISTED MATERIALS. PIPE AND TUBING MARKINGS SHALL BE IN ACCORDANCE WITH ASTM D1924, ASTM D1948, ASTM D2513 OR ASME B16.26. TRACER WIRE TO BE INSTALLED

PIPING ABOVE GRADE/SLAB AND INSIDE OF THE BUILDING SHALL BE SCHEDULE 40 BLACK STEEL PIPE, CONFORMING TO ASTM DESIGNTION A-53. PRESS FITTINGS/ JOINTS SHALL BE VIEGA MEGAPRESS G.

TYPE A (FIBERGLASS WITH WHITE KRAFT PAPER FIRE RETARDANT, INDOOR): (HEATING HOT WATER, DOMESTIC COLD WATER, HOT WATER AND HOT WATER RETURN, STORM DRAIN LINES AT ROOF DECK FROM DRAIN BODY TO VERTICAL RISER)

ONE PIECE GLASS FIBER, RIGID MOLDED SECTIONAL PIPE COVERING WITH FACTORY APPLIED ALUMINUM FOIL AND WHITE CRAFT PAPER FLAME RETARDANT VAPOR BARRIER JACKET, CONFORMING TO ASTM C547, CLASS II, MINERAL FIBER PREFORMED PIPE CONDUCTIVITY (K) EQUALS APPROXIMATELY 0.23 (BTUHR., SF., DEGREES F, IN) AT 75 °F MEAN TEMPERATURE. ENCASE PIPE FITTINGS WITH ONE-PIECE PRE-MOLDED PVC FITTING COVERS, FASTENED AS PER MANUFACTURER'S RECOMMENDATIONS

UNDER PRE-MOLDED PVC FITTING COVERINGS, WRAP TWO SEPARATE LAYERS OF BLANKET INSULATION TO PROVIDE SAME THICKNESS AND DENSITY AS ADJACENT PIPE COVERING. MITERED SEGMENTS OF PIPE INSULATION ARE ALSO ACCEPTABLE UNDER PVC FITTING COVERS WHEN INSTALLING FIBERGLASS INSULATION. APPROVED MANUFACTURER'S TRADE NAMES: JOHNS-MANVILLE CORP. - "MICRO-LOK 650-AP-T"

OWENS CORNING FIBERGLASS CORP. - "ONE PIECE" 25 ASJ/SSL OTHER EQUAL BY LISTED MANUFACTURER

GENERAL NOTE:

LAV FAUCETS:

SINK FAUCETS:

REFER TO THE BOOK SPECIFICATIONS FOR THE COMPLETE PIPING SYSTEM REQUIREMENTS FOR THE MULTIPLE PLUMBING SYSTEMS. ALL PIPE AND FITTINGS FOR ALL SYSTEMS SHALL BE OF DOMESTIC (U.S.) ORIGIN.

FIXTURE LOW-FLOW NOTES

ALL PLUMBING FIXTURES SHALL BE OF A LOW-FLOW DESIGN WHIC LIMITS THE WATER FLOW NOT TO EXCEED THE FOLLOWING: WATER CLOSETS: 1.28 GALLONS PER FLUSH URINALS: 0.125 GALLONS PER FLUSH

SEISMIC NOTE:

0.35 GALLONS PER MINUTE

1.5 GALLONS PER MINUTE

* SEISMIC CODE: 2018 INTERNATIONAL BUILDING CODE (LOCATIONS SPECIFIC -ZONE D0)

LL PLUMBING EQUIPMENT SHALL BE PROVIDED WITH SEISMIC RESTRAINTS FOR THE SEISMIC USE GROUP IN WHICH THE BUILDING IS LOCATED IN (SEE STRUCTURAL DRAWINGS). DESIGN OF SYSTEM AND AND SUBMITTAL DATA TO INCLUDE SEISMIC CALCULATIONS CERTIFIED BY A PROFESSIONAL ENGINEER LICENSED. IN THE STATE OF PROJECT LOCATION AND EMPLOYED BY THE RESTRAINT MANUFACTURER SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL. SEISMIC RESTRAINTS SHALL BE BY MASON INDUSTRIES INC. OR AN APPROVED EQUAL. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

RD - ROOF DRAIN: JAY R SMITH #1010Y CAST IRON ROOF DRAINS WITH FLASHING COLLAR AND CAST IRON DOME. FURNISH EXTENSION (SUFFIX-E) FOR INSULATED ROOFS, SUMP RECEIVER (SUFFIX-R) AND UNDERDECK CLAMP (SUFFIX-C) FOR ALL BUT POURED-IN-PLACE INSTALLATIONS. OUTLET CONNECTION TYPE SHALL BE COMPATIBLE WITH PIPING SYSTEM. PROVIDE LEAD FLASHING FOR ALL ROOF DRAINS.

OD - OVERFLOW ROOF DRAIN: JAY R SMITH #1070Y WITH SAME FEATURES AS DESCRIBED FOR "ROOF DRAINS". STANDPIPES SHALL BE ADJUSTED AND SECURED SO THAT AFTER THE INSTALLATION OF THE DRAIN ASSEMBLY, THE TOP OF THE STANDPIPE SHALL BE A MINIMUM OF (2") ABOVE THE ADJACENT ROOF SURFACE.

JAY R SMITH 1770-ADA DOWNSPOUT NOZZLE (SEE DETAIL F/A-136). MOUNT AT 24" ABOVE FINISHED ADJACENT SURFACE. WALL MOUNTED CAST BRONZE BODY AND FLANGE, NICKEL FINISH.

JAY R SMITH 2005-A5 DUCO CAST IRON DRAIN BODY WITH 5" DIAMETER, ADJUSTABLE NICKEL BRONZE STRAINER, NO-HUB OUTLET CONNECTION. JAY R SMITH QUAD CLOSE TRAP SEAL MODEL #2692 CONNECTIONS: WASTE - 3" TRAP - 3" VENT - 2"

JAY R SMITH 3150-Y (ZURN #ZN-1815) CAST IRON FLANGED RECEPTOR, ACID RESISTANT COATED INTERIOR. ALUMINUM DOME BOTTOM STRAINER, HALF GRATE, SQUARE NICKEL BRONZE TOP WHEN REQUIRED, SIZE AS NOTED ON PLAN. JAY R SMITH QUAD CLOSE TRAP SEAL MODEL #2692 CONNECTIONS: WASTE - 3" TRAP - 3" VENT - 2"

FS2 - FLOOR SINK: JAY R SMITH 3150-Y-LXH (ZURN #ZN-1815) CAST IRON FLANGED RECEPTOR, ACID RESISTANT COATED INTERIOR, ALUMINUM DOME BOTTOM STRAINER, SPEEDI-SET EXTRA HEAVY HALF GRATE, SQUARE NICKEL BRONZE TOP WHEN REQUIRED, SIZE AS NOTED ON PLAN. JAY R SMITH QUAD CLOSE TRAP SEAL MODEL #2692 CONNECTIONS: WASTE - 3" TRAP - 3" VENT - 2"

JAY R SMITH 4023 (ZURN Z-1400-2, WADE W-6000-75 CAST IRON ADJUSTABLE TYPE WITH SERRATED CUT-OFF SECTIONS, THREADED BRONZE PLUG, SCORIATED NICKEL BRONZE COVER PLATE, AND CENTER COVER PLATE

SECURING SCREW WITH COUNTERSUNK HEAD. COVERS TO BE HEAVY DUTY (FORKLIFT-RATED) IN WAREHOUSE WCO - WALL CLEANOUT

JAY R SMITH 4532 (ZURN ZN-1445, WADE W-8560) CAST IRON BRANCH CLEANOUT TEE WITH BRONZE COUNTERSUNK PLUG, ROUND STAINLESS STEEL ACCESS COVER.

JAY R. SMITH # 4261L SERIES DUCO CAST IRON DOUBLE FLANGED HOUSING WITH HEAVY DUTY SECURED SCORIATED CAST IRON COVER WITH LIFTING DEVICE AND CLEANOUT BODY WITH ABS PLASTIC PLUG WITH GASKET SEAL AND PUSH-ON JOINT. REFER TO SPECIFICATIONS FOR INSTALLATION.

WOODFORD MODEL 24 ANTI-SIPHON, VACUUM BREAKER PROTECTED, 3/4" MALE HOSE THREAD.

WOODFORD MODEL MB67 FREEZELESS WALL HYDRANT, DOUBLE CHECK BACKFLOW PREVENTER, STAINLESS STEEL DOOR AND FASCIA.

RH - ROOF HYDRANT WOODFORD MODEL SRH-MS, ASSES 1057 CERTIFIED, 1-1/2" GALVANIZED PIPE WITH 3/4" FEMALE NPT INLET, 3/4" THREADED BRASS OUTLET WITH ASSES 1052 DUEL CHECK BACKFLOW PREVENTER AND DRAIN, AIR VENT AND VARIABLE FLOW PLUNGER. UNIT COMPLETE WITH ROOF MOUNTING BRACKET SYSTEM CONSISTING OF CAST BRASS HYDRANT SUPPORT, BOOT COVER, 2" CAST SHIM FOR PITCHED ROOFS, AND UNDER-DECK CAST FLANGE WITH MOUNTING BOLT CONNECTION: CW - 3/4"

SIOUX CHIEF 650 SERIES PISTON-TYPE WATER HAMMER ARRESTE, COPPER TUBE, MAX WORKING TEMPERATURE 150°F, MAX WORKING PRESSURE 350 PSIG (1/2" - 2"). ANSI/ASSE 1010 2004 CERTIFIED

WC1 - WATER CLOSET (WALL HUNG FLUSH VALVE, HANDICAP) AMERICAN STANDARD MODEL 3351.101, FLUSH VALVE WALL HUNG 1.1 TO 1.6 GALLONS PER FLUSH WATER-SAVER WATER CLOSET, ELONGATED BOWL. COLOR SHALL BE WHITE. MOUNT FIXTURE WITH BOWL HEIGHT AT 18" ABOVE FINISHED FLOOR TO MEET HANDICAPPED REQUIREMENTS. 1-1/2" TOP SPUD. FLUSH VALVE: AMERICAN STANDARD 6065.761.02 SENSOR OPERATED, BATTERY POWERED WITH 1-1/2" O.D. FLUSH CONNECTION, 1.28 GPF. PROVIDE BENEKE NO. 523-SS WHITE OPEN FRONT SEAT WITHOUT COVER WITH

WASTE - 4" TRAP - INTEGRAL VENT - 2" CW - 1"

WC2 - WATER CLOSET (WALL HUNG FLUSH VALVE) AMERICAN STANDARD MODEL 3351.101, FLUSH VALVE WALL HUNG 1.1 TO 1.6 GALLONS PER FLUSH WATER-SAVER WATER CLOSET, ELONGATED BOWL. COLOR SHALL BE WHITE. MOUNT FIXTURE WITH BOWL HEIGHT AT 18" ABOVE FINISHED FLOOR TO MEET HANDICAPPED REQUIREMENTS. 1-1/2" TOP SPUD. FLUSH VALVE: AMERICAN STANDARD 6065.761.02 SENSOR OPERATED, BATTERY POWERED WITH 1-1/2" O.D. FLUSH CONNECTION, 1,28 GPF, PROVIDE BENEKE NO. 523-SS WHITE OPEN FRONT SEAT WITHOUT COVER WITH CONCEALED CHECK HINGE. CHAIR CARRIER TO BE J.R. SMITH FIGURE 210.

WASTE - 4" TRAP - INTEGRAL VENT - 2" CW - 1" WC3 - WATER CLOSET (FLOOR MOUNTED FLUSH VALVE):

CONCEALED CHECK HINGE. CHAIR CARRIER TO BE J.R. SMITH FIGURE 210.

AMERICAN STANDARD MODEL 3461.001 FLUSH VALVE FLOOR MTD. 1.28 TO 1.6 GALLONS PER FLUSH WATER-SAVER WATER CLOSET, ELONGATED BOWL. COLOR SHALL BE WHITE. 1-1/2" TOP SPUD. FLUSH VALVE: AMERICAN STANDARD 6065.761.02 SENSOR OPERATED, BATTERY POWERED WITH 1-1/2" O.D. FLUSH CONNECTION, 1.28 GPF. PROVIDE BENEKE NO. 523-SS WHITE OPEN FRONT SEAT WITHOUT COVER WITH CONCEALED CHECK HINGE

WASTE - 4" TRAP - INTEGRAL VENT - 2" CW - 1"

LAV2 - LAVATORY: (WALL HUNG HANDICAP):

WMB - WASHING MACHINE BOX:

UR1 - URINAL (HANDICAP) AMERICAN STANDARD 6590.525 WALL HUNG FLUSH VALVE, WASHOUT URINAL, AMERICAN STANDARD 6063.013.002 SENSOR OPERATED BATTERY POWERED FLUSH VALVE, 0.125 GPF. MOUNT WITH RIM HEIGHT AT 17" MAXIMUM ABOVE FLOOR. WASTE - 2" TRAP - INTEGRAL VENT - 2" CW - 3/4"

AMERICAN STANDARD 6590.525 WALL HUNG FLUSH VALVE, WASHOUT URINAL. AMERICAN STANDARD 6063.013.002 SENSOR OPERATED BATTERY POWERED FLUSH VALVE, 0.125 GPF. MOUNT WITH RIM HEIGHT AT 24" MAXIMUM ABOVE FLOOR. WASTE - 2" TRAP - INTEGRAL VENT - 2" CW - 3/4"

LAV1 - LAVATORY: (UNDERCOUNTER MOUNTED, HANDICAP): AMERICAN STANDARD MODEL 0496.221 "OVALYN", 21-1/2"x 15-3/8" x 5-1/2" DEEP, VITREOUS CHINA FRONT OVERFLOW, GLAZED UNDERSIDE, COLOR SHALL BE WHITE, COMPLETE WITH MOUNTING KIT AND TEMPLATE. SUPPLY FITTING: AMERICAN STANDARD MODEL 6053.104-V035, 0.35 GPM MULTI-LAMINAR SPRAY, BATTERY OPERATED SENSOR ACTIVATED FAUCET WITH 605XTMV1070 THERMOSTATIC MIXING VALVE SET AT 105°F MAXIMUM. MCGUIRE 155WC GRID DRAIN ASSEMBLY. PROVIDE 1/2" x 3/8" ANGLE STOPS, WITH FLEXIBLE TUBE RISERS. BRASSCRAFT SR1712AX C 1/2" O.D. X 3/8" O.D. ANGLE SUPPLY WITH LOOSE KEY. PROVIDE MCGUIRE 8902 P TRAP FOR HANDICAPPED ACCESS. INSULATE ALL EXPOSED WATER AND WASTE PIPING BELOW COUNTER WITH MCGUIRE PW2125WC. WASTE - 2" TRAP - 1-1/2" x 1-1/4" VENT - 1-1/2" CW - 1/2" HW - 1/2"

AMERICAN STANDARD MODEL 0356.421 "LUCERNE", 20-1/2" x 18-1/4" VITREOUS CHINA FRONT OVERFLOW. COLOR SHALL BE WHITE. PROVIDE CAST IRON WALL HANGER BUILT-IN WALL. SUPPLY FITTING: AMERICAN STANDARD MODEL 6053.104-V035. 0.35 GPM MULTI-LAMINAR SPRAY, BATTERY OPERATED SENSOR ACTIVATED FAUCET WITH 605XTMV1070 THERMOSTATIC MIXING VALVE SET AT 105°F MAXIMUM. MCGUIRE 155WC GRID DRAIN ASSEMBLY. FLEXIBLE TUBE RISERS. BRASSCRAFT SR1712AX C 1/2" O.D. X 3/8" O.D. ANGLE SUPPLY WITH LOOSE KEY. PROVIDE MCGUIRE 8902 P TRAP FOR HANDICAPPED ACCESS. INSULATE ALL EXPOSED WATER AND WASTE PIPING BELOW COUNTER WITH MCGUIRE PW2125WC. WASTE - 2" TRAP - 1-1/2" x 1-1/4" VENT - 1-1/2" CW - 1/2" HW - 1/2"

ELKAY MODEL ELUHAD211550, UNDERMOUNT, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL, UNDERSIDE COATED, ELKAY LK-35 CRUMB CUP DRAIN WITH 1-1/2" TAILPIECE. SUPPLY FITTING: PFISTER STELLEN 1-HANDLE TOUCHLESS FAUCET LG529-ESAC. 1/2" x 3/8" BRASS STEM LOOSE KEY ANGLE STOPS WITH 3/8"O.D. FLEXIBLE RISERS, ADJUSTABLE CAST BRASS BODY WITH CHROME PLATED P-TRAP WITH CLEANOUT PLUG. PFISTER BATTERY PACK MODEL 952-007, WITH 605XTMV1070 THERMOSTATIC MIXING VALVE SET AT 110°F MAXIMUM WASTE - 2" TRAP - 1-1/2" VENT - 1-1/2" CW - 1/2" HW - 1/2"

SK2 - 2-COMPARTMENT SINK: ELKAY MODEL ELUHAD311845 UNDERMOUNT, DOUBLE COMPARTMENT SINK, 18 GAUGE TYPE 302 STAINLESS STEEL, 30-3/4" X 1/-1/2" X 4-3/8". SUPPLY FITTING: PFISTER STELLEN 1-HANDLE TOUCHLESS FAUCET .G529-ESAC. 1/2" x 3/8" BRASS STEM LOOSE KEY ANGLE STOPS WITH 3/8"O.D. FLEXIBLE RISERS, ADJUSTABLE CAST BRASS BODY WITH CHROME PLATED P-TRAP WITH CLEANOUT PLUG. PFISTER BATTERY PACK MODEL 952-007, WITH 605XTMV1070 THERMOSTATIC MIXING VALVE SET AT 110°F MAXIMUM WASTE - 2" TRAP - 1-1/2" VENT - 1-1/2" CW - 1/2" HW - 1/2

SK3 - SINGLE COMPARTMENT SINK: (UNDERMOUNT, NEW MOTHER'S ROOM); ELKAY NO. ELUHAD131645, ADA COMPLIANT WITH OVERFLOW, UNDERMOUNT, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL, UNDERSIDE COATED, LK-35 CRUMB CUP DRAIN WITH 1-1/2" TAILPIECE. SUPPLY FITTING: PFISTER STELLEN 1-HANDLE TOUCHLESS FAUCET LG529-ESAC. 1/2" x 3/8" BRASS STEM LOOSE KEY ANGLE STOPS WITH 3/8"O.D. FLEXIBLE RISERS. ADJUSTABLE CAST BRASS BODY WITH CHROME PLATED P-TRAP WITH CLEANOUT PLUG. PFISTER BATTERY PACK MODEL 952-007, WITH 605XTMV1070 THERMOSTATIC MIXING VALVE SET AT 110°F MAXIMUM. WASTE - 2" TRAP - 1-1/2" VENT - 1-1/2" CW - 1/2" HW - 1/2

PRECISION PLUMBING PRODUCTS INC., P1-500 PRIME RITE MACHINED BRASS BODY, INLET 1/2" MALE NPT FITTING, OUTLET 1/2" FEMALE NPT. INSTALL IN AN ACCESSIBLE AREA WITH STAINLESS STEEL ACCESS DOOR. COMPLETE WITH A BALL VALVE BEFORE TRAP PRIMER. DISTRIBUTION UNITS AS REQUIRED.

BALANCING VALVE - HAYS "MEASUREFLO", MODEL #2519 COMBINATION AUTOMATIC FLOW CONTROL VALVE AND BALL VALVE, SELF BALANCING, AND FULLY AUTOMATIC WITHOUT ADDITIONAL PIPING OR CONTROL MECHANISMS. SET 3/4" VALVE FOR 0.5 GPM FLOW.

WUDUMATE ACRYLIC COMPACT FOOTWASH MODEL NO. WM-COM-A-WHT, INSTANT OFF WATER SAVER. WUDUMATE MANUAL SINGLE LEVER PILLAR TAP MODEL NO. WM-T-SLP-SO, CHROMED BRASS. WUDUMATE-R FITTINGS. WATTS MIXING VALVE MODEL LFMMV1-US 1/2".

ARRESTORS, AND 2" WASTE. PROVIDE FR-12 SERIES IN ALL FIRE RATED WALLS.

GUY GRAY MODEL T200 20 GAUGE WHITE POWDER COAT STEEL WITH QUARTER TURN VALVES, WATER HAMMER

PLUMBING FIXTURE SPECIFICATIONS

FIAT MODEL TSB-3002-MSG, 36"x36"x12", FLOOR MOUNTED, CONSTRUCTED OF TERRAZZO WITH 12" HIGH WALLS, NOT LESS THAN 1" WIDE SHOULDERS, STAINLESS STEEL WALL GUARDS, FACTORY INSTALLED STAINLESS STEEL DRAIN BODY DESIGNED TO PROVIDE FOR A LEAD CAULK OR ODC3-2 GASKET, COMBINATION DOME STRAINER AND LINT BASKET, SERVICE FAUCET FIAT MODEL NO. 830-AA, 8" CENTERS, WALL MOUNTED, CHROME PLATED, VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, AND 3/4" HOSE THREAD ON SPOUT, 2" CAST IRON P-TRAP, FIAT MODEL NO. 899-CC MOP HANGER, NO. 832-AA HOSE AND BRACKET. WHERE POSSIBLE, ENSURE INSTALLATION IS AT CORNER OF TWO

PERPENDICULAR ABUTTING WALLS. WASTE - 3" TRAP - 3" VENT - 2" CW - 3/4" HW - 3/4"

OASIS MODEL PG8EBFSL, BARRIER-FREE, WALL MOUNTED, STAINLESS STEEL TOP, WELDED STEEL FRAME, MOUNT @ HANDICAP HEIGHT, IN-LINE FLOW REGULATOR FOR CONSTANT STREAM. FRONT AND SIDE PUSH BAR ACTIVATED VALVES, 7.8 GPH @ 50 DEGREES FAHRENHEIT WITH 80 DEGREE INLET WATER TEMPERATURE, 90 DEGREE FAHRENHET AMBIENT 1/4 HP, 115V, 5.0 FLA., 400 WATTS, 1/2" x 3/8" O.D. SWEAT ANGLE STOP, TUBULAR P-TRAP, MOUNT 36" TO BUBBLER OF HANDICAP UNIT FROM FINISHED SURFACE. REFRIGERANT TO BE HFC-134A, UNIT TO HAVE ZERO LEAD IN COOLER COMPONENTS. WASTE - 1-1/2" TRAP - 1-1/2" VENT - 1-1/2" CW - 1/2"

WH1 - ELECTRIC WATER HEATER: LOCHINVAR, MODEL LCA-050-X-12.3, 50 GALLON STORAGE CAPACITY, GLASS LINED TANK, (1) 12.3 KW ELEMENT, 62 GPH RECOVERY @ 80 DEG. RISE, 480V, THREE PHASE, 66-1/4" HIGH x 23 DIA., OUTLET TEMPERATURE SET TO 140°F, WATER HEATER TO BE MOUNTED WITHIN A WATER HEATER PAN ON A MANUFACTURED PLATFORM, IF THIS CANNOT BE ACHIEVED, WATE HEATER TO BE INSTALLED IN A PAN WITHIN A SUSPENDED PLATFORM SUPPORTED FROM STRUCTURE. WATER HEATER T&P DRAIN LINE AND PAN DRAIN LINE TO BE ROUTED AS NOTED ON PLAN.

12.3 KW ELEMENT, 62 GPH RECOVERY @ 80 DEG. RISE, 480V, THREE PHASE, 58-1/4" HIGH x 28" WATER HEATER PAN ON A MANUFACTURED PLATFORM. IF THIS CANNOT BE ACHIEVED, WATER

POWERS LEMM430 FACTORY ASSEMBLED AND TESTED MASTER MIXING VALVE FOR TEMPERED WATER CONTROL SHALL BE OF THE THERMOSTATIC TYPE. UNIT SHALL BE CONSTRUCTED OF BRONZE BODY AND CAP WITH REPLACEABLE CORROSION RESISTANT COMPONENTS, EQUIPPED WITH INTEGRAL CHECK STOPS, AND REMOVABLE STRAINERS. UNIT SHALL BE CAPABLE OF DELIVERING MINIMUM 3.0 GPM MINIMUM FLOW (0.5 GPM FLOW WHEN INSTALLED AT OR NEAR HEATING SOURCE WITH A RE-CIRCULATED TEMPERED WATER LINE AND CONTINUOUSLY OPERATING RE-CIRCULATING PUMP), 35 GPM MAXIMUM FLOW @ 30 PSI PRESSURE DROP, 90° TO 160°F, ADJUSTABLE TO 120°F OUTLET TEMPERATURE. VALVE SHALL BE TESTED AND

PRECHARGE AT 40 PSIG, WITH A MAXIMUM WORKING TEMPERATURE OF 200°F. RELIEF VALVE MUST BE SET AT 150 PSI

MUST BE SET AT 150 PSI

RP1 - RECIRCULATING PUMP: INLINE PUMP SHALL BE EQUAL TO ARMSTRONG S25 ALL BRONZE BOOSTER PUMP, 5 GPM @ 8

RPBP - REDUCED PRESSURE BACKFLOW PREVENTER:

IWH1 - TANKLESS ELECTRIC WATER HEATER: CHRONOMITE MICROPROCESSOR MODEL #CM-15L/277, 277V 1PH, 15 AMP, 4.2KW, 110° PRE-SET TEMPERATURE.

CHRONOMITE MICROPROCESSOR MODEL #ER-90L/277, 277V 1PH, 30 AMP, 24.9KW, 120° OUTLET TEMPERATURE.

GPM FLOW CAPACITY WITH 0.5 MICRON CARBON BLOCK FILTER FOR ODOR NSF/ANSI 42 AND 57 CERTIFIED. ST1 - SEDIMENT TRAP:

IRON GRATE, WITH 7 GALLON SEDIMENT BASKET. IMB - ICE MACHINE BOX: GUY GRAY MODEL # BIM875, 20 GAUGE GALVANIZED STEEL BOX, 18 GAUGE STEEL FACEPLATE,

EWC - ELECTRIC WATER COOLER W/ BOTTLE FILLER (DUAL HEIGHT, ADA):

EWH2 - ELECTRIC WATER HEATER: LOCHINVAR, MODEL LCA-080-X-12.3, 80 GALLON STORAGE CAPACITY, GLASS LINED TANK, (1) DIA., OUTLET TEMPERATURE SET TO 140°E, WATER HEATER TO BE MOUNTED WITHIN A HEATER TO BE INSTALLED IN A PAN WITHIN A SUSPENDED PLATFORM SUPPORTED FROM STRUCTURE. WATER HEATER T&P DRAIN LINE AND PAN DRAIN LINE TO BE ROUTED AS NOTED

TMV - THERMOSTATIC MIXING VALVE:

CERTIFIED TO ASSE 1017 AND CSA STANDARDS. SET OUTLET TEMPERATURE TO 120°F.

EXP1 - EXPANSION TANK AMTROL, THERM-X-TROL MODEL # ST-5, 2.0 TOTAL GALLONS VOLUME, 8" DIA. x 13" HIGH,

EXP3 - EXPANSION TANK:

AMTROL, THERM-X-TROL MODEL # ST-12, 4.4 TOTAL GALLONS VOLUME, 11" DIA. x 15" HIGH, PRECHARGE AT 40 PSIG, WITH A MAXIMUM WORKING TEMPERATURE OF 200°F. RELIEF VALVE

FT. HD. 1/12 HP 115 VOLTS, 1ø.

WATTS LF-909-OT, LEAD-FREE REDUCED PRESSURE ZONE, BRONZE WITH REPLACEABLE SEATS AND SEAT DISCS, TOP MOUNTED BALL VALVE TEST COCKS & QUARTER TURN BALL VALVES. AIR GAP WATTS 909AG SERIES.

IWH2 - TANKLESS ELECTRIC WATER HEATER:

IWH4 - TANKLESS ELECTRIC WATER HEATER (GUARDHOUSE): CHRONOMITE MICROPROCESSOR MODEL #CM-15L/208, 208V 1PH, 15 AMP, 3.1KW, 110° PRE-SET TEMPERATURE. WF - WATER FILTER:

FILTRINE "TMS-1-0.5" TASTE MASTER PURIFICATION WATER FILTE, 13-1/2" HIGH X 3-1/2"

DIA., 16 GA. STAINLESS STEEL HOUSING WITH DUAL SEALED ELEMENTS, UNIT RATED FOR 0.75

STRIEM MODEL CB-125-G-BCB-7, HDPE SEAMLESS HIGH DENSITY POLYETHYLENE BODY, 110 GALLON LIQUID CAPACITY, 70 GALLON SOLIDS CAPACITY, H20 LOAD RATED PICKABLE CAST

BOTTOM INLET WATER SUPPLY WITH 1/2" x 1/4" COMPRESSION ANGLE STOP VALVE. TRIM: LOOP 4 FEET OF 1/4" TYPE "K" SOFT COPPER TUBING.

PLUMBING SHEET INDEX

SHEET NAME

PLUMBING NOTES, SYMBOLS, & LEGEND

PLUMBING OVERALL FLOOR PLAN

PLUMBING FLOOR PART PLAN - AREA A

PLUMBING FLOOR PART PLAN - AREA B

PLUMBING FLOOR PART PLAN - AREA C

PLUMBING FLOOR PART PLAN - AREA D

PLUMBING FLOOR PART PLAN - AREA E

PLUMBING FLOOR PART PLAN - AREA F

PLUMBING FLOOR PART PLAN - AREA G

PLUMBING FLOOR PART PLAN - AREA H

PLUMBING OVERALL ROOF PLAN

PLUMBING ROOF PART PLAN - AREA A

PLUMBING ROOF PART PLAN - AREA B

PLUMBING ROOF PART PLAN - AREA C

PLUMBING ROOF PART PLAN - AREA D

PLUMBING ROOF PART PLAN - AREA E

PLUMBING ROOF PART PLAN - AREA F

PLUMBING ROOF PART PLAN - AREA G

PLUMBING ROOF PART PLAN - AREA H

SHEET #

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SYMBOL SOIL, WASTE, OR SANITARY SEWER COLD WATER PIPE CW HOT WATER PIPE HW HOT WATER RETURN PIPE HWR HPG HIGH PRESSURE GAS —HPG-— FCO/SCO FLOOR/SURFACE CLEANOUT *−*Ø−Ø− TWO WAY SURFACE OF FANOUT WCO WALL CLEANOUT VTR VENT THRU ROO FD FLOOR DRAIN FLOOR SINK WATER HAMMER ARRESTOR W/ACCESS PANE POC POINT OF CONNECTION GV GATE VALVE BALL VALVE (FULL PORT) STRAINER CHECK VALVE PIPE DROP PIPF RISE PIPE CAP PIPE STOP BOTTOM CONNECTION PRESSURE RELIEF FLOW ARROW —**>**← VALVE IN RISER RECIRCULATING PUMP VERTICAL STORM LEADER ROOF DRAIN

PLUMBING LEGEND

ABBREVIATIONS

SINGLE HOSE BIBB (INSTALL 42" A.F.F.)

WALL HYDRANT (INSTALL 18" A.F.F.)

ABOVE FINISHED FLOOR ABOVE FINISHED GRADE **BACKFLOW PREVENTER** B.O.P. BOTTOM OF PIPE **CUBIC FEET PER HOUR** CIRCULATION PUMP COLD WATER **EXISTING EXTERIOR CLEANOUT** FI FVATION ELECTRIC WATER HEATER **DEGREES FAHRENHEIT** FLOOR CLEANOUT FLOOR DRAIN FINISHED FLOOR ELEV. FLOOR SINK FIXTURE UNITS GREASE INTERCEPTOR **GALLONS PER HOUR GALLONS PER MINUTE** HOSE BIBB HOT WATER HOT WATER RETURN INCHES HIGH PRESSURE GAS NOT APPLICABLE NOT IN CONTRACT NUMBER POUNDS PER SQUARE INCH REDUCE PRESSURE BACKFLOW PRFVFNTFR **RESIDUAL PRESSURE** ROOF HYDRANT TEMPERED HOT WATER THERMOSTATIC MIXING VALVE TRAP PRIMER VENT THRU ROOF

WATER COLUMN

WALL CLEANOUT

WALL HYDRANT

WCO

WHA

WH

* ENERGY CODE:

PLUMBING SHEET INDEX

SHEET NAME

PLUMBING WASTE PART PLANS

PLUMBING WASTE PART PLANS

PLUMBING WASTE PART PLANS

PLUMBING WATER PART PLANS

PLUMBING WATER PART PLANS

PLUMBING WATER PART PLANS

PLUMBING WASTE & VENT SCHEMATICS

PLUMBING WASTE & VENT SCHEMATICS

PLUMBING WASTE & VENT SCHEMATICS

PLUMBING WATER SCHEMATICS

PLUMBING WATER SCHEMATICS

PLUMBING WATER SCHEMATICS

PLUMBING GAS SCHEMATICS

PLUMBING DETAILS

PLUMBING DETAILS

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BUILDING CODE: 2021 INTERNATIONAL BUILDING CODE 2018 ARKANSAS PLUMBING CODE 2018 INTERNATIONAL FUEL GAS CODE

* WITH ARKANSAS & LITTLE ROCK UNIFORM CODE AMENDMENTS

APPLICABLE CODES

WATER HAMMER ARRESTOR

2014 ARKANSAS ENERGY CODE

(INDUSTRIAL PARK) **LITTLE ROCK, ARKANSAS 72206** (UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE LEGEND

VARIOUS ISSUANCE / REVISION SCHEDULE

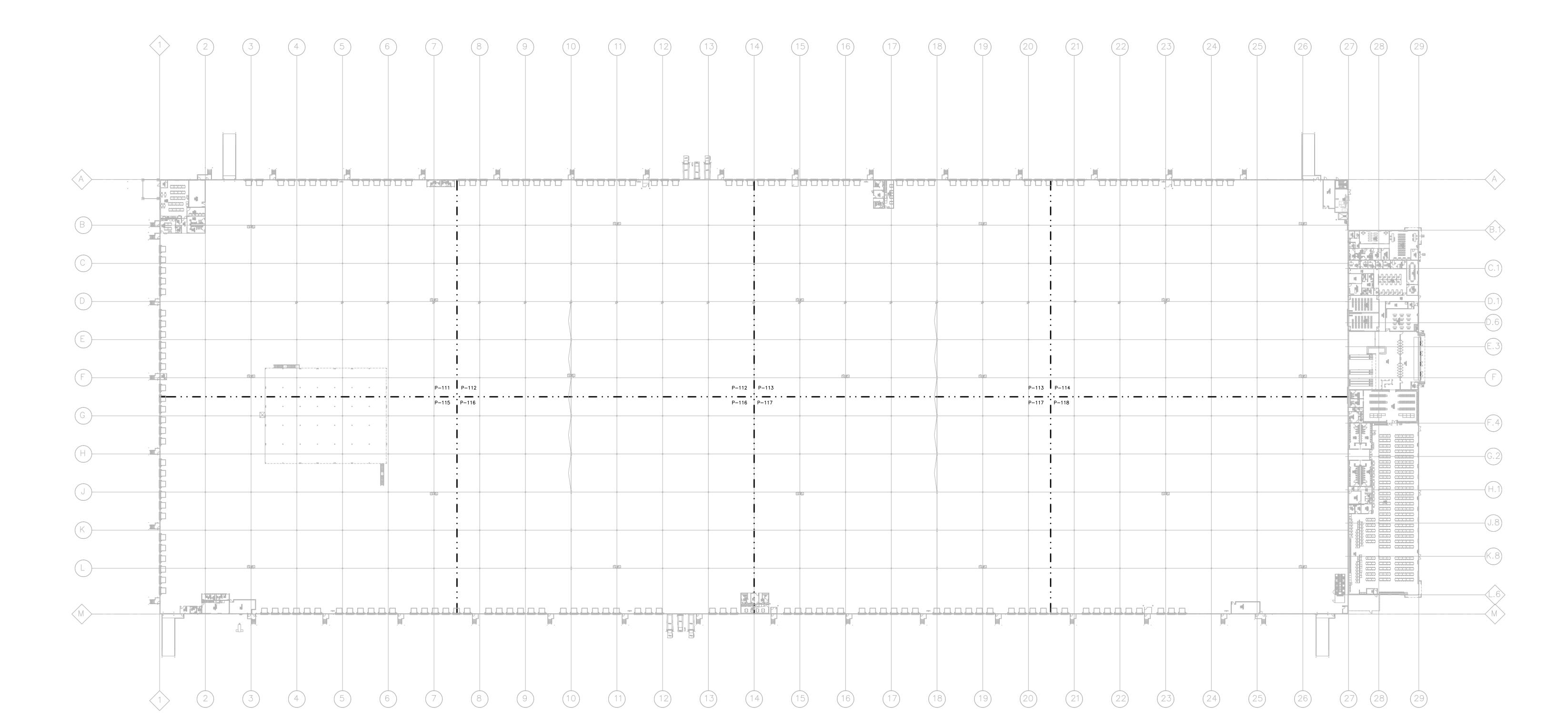
SHEET MANAGEMENT

DESCRIPTION

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DATE ISSUED: DRAWN BY: REVIEWED BY DATE

SHEET NUMBER





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SHIRK & O'DONOVAN STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC

370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085

PH: 614.436.6465 MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085

PH: 602.285.1669 harrington Atlanta, GA · Charlotte, NC

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

HARGIS | TELECOMMUNICATIONS CONSULTANTS | HARGIS ENGINEERS, INC

1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376 IN COORDINATION WITH DEVELOPER'S

CONSULTANT WORKING IN PARALLEL: Pickering Pickering Firm, Inc.
Pickering Firm, Inc. Engineering Planning · Surveying

SITE CIVIL PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

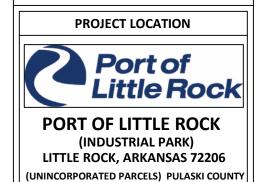
SEAL



KCE JOB #24-240 **END USER**



PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M** CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)



SHEET TITLE PLUMBING OVERALL FLOOR

PLAN				
SHEET MANAGEMENT				
JECT NO.:				
TE ISSUED:				
AWN BY:	VARIOU:			

PF	ROJECT NO.:	
DA	ATE ISSUED:	
DF	RAWN BY:	VARIOU
RE	VIEWED BY:	MI
	ISSUANCE /	REVISION SCHEDULE
#	DATE	DESCRIPTION
	02/20/ 2025	REVIEW SET: CD 85%
	03/20/ 2025	100% CD - FOR PERMI
l		

P-110

KEY PLAN

PLUMBING OVERALL FLOOR PLAN

0 30' 60' 120'

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CONSULTANT

🥄 SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS

CONSULTING ENGINEERS, INC

WORTHINGTON, OH 43085

PH: 614.436.6465

MEP CONSULTANTS

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harrington

DULUTH, GA 30096

PH: 770.564.3505

370 EAST WILSON BRIDGE ROAD

KRAEMER CONSULTING ENG PLLC

FIRE PROTECTION CONSULTANTS

3237 SATELLITE BOULEVARD, SUITE 525

TELECOMMUNICATIONS CONSULTANTS

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering

Pickering Firm, Inc.
Pickering Firm, Inc.

Planning · Surveying

HARRINGTON GROUP, INC

HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600

SEATTLE, WA 98101

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120

PH: 206.448.3376

2050 W. WHISPERING WIND DR, STE 158

SHIRK & O'DONOVAN

G. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/ HURRICANE SEASONS.

A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.

C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE

D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING

E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH

OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE

GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL

F. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL FCOPE

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GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.

FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS.

ORDERING MATERIALS.

B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR

ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR

KEYED NOTES

PRIOR TO SUBMISSION OF BID.

- 1. 6" OUTGOING DRAIN SERVICE. FOR CONTINUATION SEE CIVIL DRAWINGS.
- 2. PROVIDE WATER TAP FOR FUTURE WATER COOLER CONNECTIONS.
- 3. 4" INCOMING DCW BELOW GRADE. FOR CONTINUATION SEE CIVIL DRAWINGS.

2-WAY SCO

INV = -10'-6''

2

- 8. 1" GAS UP TO RTU. 9. 1/2" CW TO ANGLE STOP AT +24" A.F.F.. PROVIDE 1/4" COMPRESSION OUTLET
- FOR OWNER-PROVIDED WATER COOLER.
- CONTINUATION SEE CIVIL DRAWINGS.
- 11. PROVIDE SWAY BRACING ON CW MAIN.
- 12. EXPANSION LOOP. SEE DETAIL ON P-401.
- 13. 8"X8" V.S.L. FROM ROOF TO BELOW GRADE. TRANSITION TO 10"Ø
- 14. 2-1/2" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.
- 16. 3/4" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.
- 17. 2" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.

- 20. DROP 6" STORM DRAIN DOWN TO BELOW FLOOR. TRANSITION TO 8" AND
- 22. OVERFLOW TO SPLASH PAD AND DRAIN. FOR SPECIFICATIONS SEE CIVIL
- 23. 6" INCOMING GAS SERVICE BELOW GRADE. FOR CONTINUATION SEE CIVIL DRAWINGS. FOR METER INSTALLATION DETAIL SEE DETAIL 3 ON P-402.
- 24. 3" GAS TO GENERATOR BELOW GRADE. FOR INSTALLATION DETAIL SEE DETAIL 7 ON P-402.

- 27. 6" GAS TO PENETRATE EXTERIOR WALL MINIMUM 36' ABOVE F.F. TO MAINTAIN CLEAR HEIGHT REQUIREMENTS ABOVE ELECTRICAL ROOM AND WAREHOUSE.
- 28. 2" VENT BELOW WINDOWS.

NOTE:NOT ALL KEYED NOTES ARE USED ON EACH DRAWING.

- 4. 1" CW UP TO ROOF HYDRANT. 5. DROP GAS PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.
- 6. DROP CW PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.
- 7. 3/4" GAS UP TO RTU.
- 10. 2" CW DOWN TO BELOW GRADE TO GUARDHOUSE WITH VALVE ON RISE. FOR

- HORIZONTAL WITH INV. = -4.00' B.F.F. FOR CONTINUATION SEE CIVIL
- 15. 3" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.

- 18. 3/4" PIPE DROP ON WALL TO WALL HYDRANT AT 48" A.F.F. PROVIDE
- 19. VENT UP THRU ROOF.
- OUT OF BUILDING WITH INV. = -4'-00" B.F.F. FOR CONTINUATION SEE CIVIL
- 21. DAYLIGHT OVERFLOW STORM 24" ABOVE GRADE.

- 25. 4" CANOPY DRAIN TO BELOW GRADE.
- 26. 1/2" CW TO IMB FOR OWNER-PROVIDED WATER COOLER IN FINISHED SPACE.

LITTLE ROCK, AR 72223 PH: 501.246.3578 SEAL

PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M**

PROJECT LOCATION



CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)

(UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE

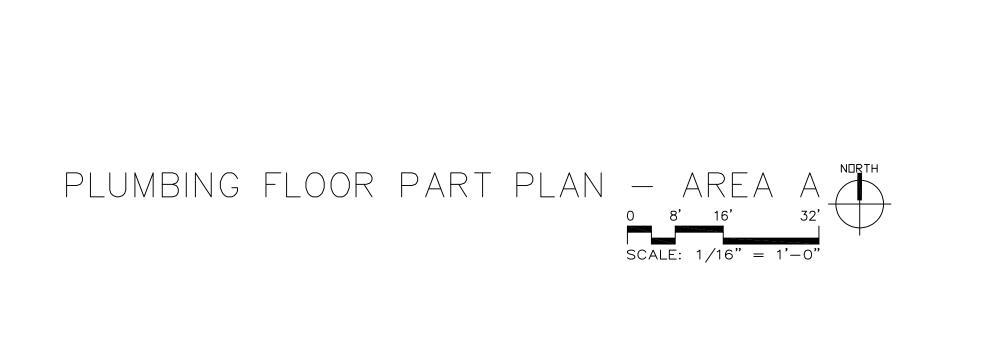
LITTLE ROCK, ARKANSAS 72206

PLUMBING FLOOR PART PLAN - AREA A

SHEET MANAGEMENT PROJECT NO. DATE ISSUED: DRAWN BY:

REVIEWED BY: ISSUANCE / REVISION SCHEDULE

P-111



GAS PIPING AND WATER PIPING

) BE LOCATED A MINIMUM OF 40'-0" A.F.F

WITHIN THE WAREHOUSE AREAS. PIPING SHALL ALSO BE LOCATED ABOVE

LIGHT FIXTURES AND DUCTWORK.

PROJECT CLEAR HEIGHTS:

OPEN WAREHOUSE:

INV = -4'-0''

 $(25'L \times 29'H)/2 = 363 \text{ S.f. PARAPET}$

562 S.F. + 363 S.F. = 925 S.F.

25

25

4" STORM INV = -4'-0''

APPROVAL STAMP:



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CONSULTANT

🥄 SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS

CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD

KRAEMER CONSULTING ENG PLLC

FIRE PROTECTION CONSULTANTS

3237 SATELLITE BOULEVARD, SUITE 525

TELECOMMUNICATIONS CONSULTANTS

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering

SEAL

Pickering Firm, Inc.
Pickering Firm, Inc.

Planning · Surveying

HARRINGTON GROUP, INC

HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600

SEATTLE, WA 98101

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120

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GENERAL NOTES

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FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS.

ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR

ORDERING MATERIALS.

KEYED NOTES

NOTE: NOT ALL KEYED NOTES ARE USED ON EACH DRAWING.

PRIOR TO SUBMISSION OF BID.

- 2. PROVIDE WATER TAP FOR FUTURE WATER COOLER CONNECTIONS.
- 3. 4" INCOMING DCW BELOW GRADE. FOR CONTINUATION SEE CIVIL DRAWINGS.
- 6. DROP CW PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.
- 9. 1/2" CW TO ANGLE STOP AT +24" A.F.F.. PROVIDE 1/4" COMPRESSION OUTLET
- 10. 2" CW DOWN TO BELOW GRADE TO GUARDHOUSE WITH VALVE ON RISE. FOR CONTINUATION SEE CIVIL DRAWINGS.
- 11. PROVIDE SWAY BRACING ON CW MAIN.
- HORIZONTAL WITH INV. = -4.00' B.F.F. FOR CONTINUATION SEE CIVIL

- 17. 2" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.

- 23. 6" INCOMING GAS SERVICE BELOW GRADE. FOR CONTINUATION SEE CIVIL DRAWINGS. FOR METER INSTALLATION DETAIL SEE DETAIL 3 ON P-402.
- 24. 3" GAS TO GENERATOR BELOW GRADE. FOR INSTALLATION DETAIL SEE DETAIL 7 ON P-402.
- 25. 4" CANOPY DRAIN TO BELOW GRADE.
- 26. 1/2" CW TO IMB FOR OWNER-PROVIDED WATER COOLER IN FINISHED SPACE.
- 28. 2" VENT BELOW WINDOWS.

- 1. 6" OUTGOING DRAIN SERVICE. FOR CONTINUATION SEE CIVIL DRAWINGS.
- 4. 1" CW UP TO ROOF HYDRANT.
- 5. DROP GAS PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.

- 7. 3/4" GAS UP TO RTU. 8. 1" GAS UP TO RTU.
- FOR OWNER-PROVIDED WATER COOLER.

- 12. EXPANSION LOOP. SEE DETAIL ON P-401.
- 13. 8"X8" V.S.L. FROM ROOF TO BELOW GRADE. TRANSITION TO 10"Ø
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KCE JOB #24-240



PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M** CROSS-DOCK WAREHOUSE FACILITY

(RECEIPT & REDISTRIBUTION)



LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE

(INDUSTRIAL PARK)



SHEET MANAGEMENT DATE ISSUED:

DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE

SHEET NUMBER P-112

9

2-WAY SCO

GAS PIPING AND WATER PIPING

WITHIN THE WAREHOUSE AREAS. PIPING SHALL ALSO BE LOCATED ABOVE

LIGHT FIXTURES AND DUCTWORK.

PROJECT CLEAR HEIGHTS:

OPEN WAREHOUSE:

O BE LOCATED A MINIMUM OF 40'-0" A.F.F.

PLUMBING FLOOR PART PLAN — AREA C

0 8' 16' 32'

SCALE: 1/16" = 1'-0"

GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
- B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR
- ORDERING MATERIALS. C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE

PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE

ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR

D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS.

GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.

- E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH
- F. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL FCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- G. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/ HURRICANE SEASONS.

KEYED NOTES

NOTE: NOT ALL KEYED NOTES ARE USED ON EACH DRAWING.

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- 2. PROVIDE WATER TAP FOR FUTURE WATER COOLER CONNECTIONS.
- 3. 4" INCOMING DCW BELOW GRADE. FOR CONTINUATION SEE CIVIL DRAWINGS. 4. 1" CW UP TO ROOF HYDRANT.
- 5. DROP GAS PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.
- 6. DROP CW PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.
- 7. 3/4" GAS UP TO RTU.

8. 1" GAS UP TO RTU.

- 9. 1/2" CW TO ANGLE STOP AT +24" A.F.F.. PROVIDE 1/4" COMPRESSION OUTLET FOR OWNER-PROVIDED WATER COOLER.
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- 19. VENT UP THRU ROOF.
- 20. DROP 6" STORM DRAIN DOWN TO BELOW FLOOR. TRANSITION TO 8" AND OUT OF BUILDING WITH INV. = -4'-00" B.F.F. FOR CONTINUATION SEE CIVIL
- 21. DAYLIGHT OVERFLOW STORM 24" ABOVE GRADE.
- 22. OVERFLOW TO SPLASH PAD AND DRAIN. FOR SPECIFICATIONS SEE CIVIL 23. 6" INCOMING GAS SERVICE BELOW GRADE. FOR CONTINUATION SEE CIVIL
- DRAWINGS. FOR METER INSTALLATION DETAIL SEE DETAIL 3 ON P-402. 24. 3" GAS TO GENERATOR BELOW GRADE. FOR INSTALLATION DETAIL SEE
- DETAIL 7 ON P-402.
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- 28. 2" VENT BELOW WINDOWS.

SEAL

APPROVAL STAMP:

ONE MUSIC SQUARE SOUTH,

SUITE 110

NASHVILLE, TN 37203

ARCHITECTS

SM DESIGN & CONSULTING, PC

855 Bloomfield Avenue, Suite 220

Glen Ridge, NJ 07028

Telephone 973-259-9500

www.smdcpc.com

CONSULTANT

🥄 SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS

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SEATTLE, WA 98101

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120

LITTLE ROCK, AR 72223

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harrington

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Atlanta, GA • Charlotte, NC

SHIRK & O'DONOVAN



KCE JOB #24-240

PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M**

PROJECT LOCATION Port of Little Rock

CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)

PORT OF LITTLE ROCK (INDUSTRIAL PARK) LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE PLUMBING FLOOR PART PLAN - AREA C

SHEET MANAGEMENT PROJECT NO.: DATE ISSUED: DRAWN BY: REVIEWED BY:

ISSUANCE / REVISION SCHEDULE

P-113

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APPROVAL STAMP:

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

ARCHITECTS **SM DESIGN & CONSULTING, PC** 855 Bloomfield Avenue, Suite 220 Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

CONSULTANT SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD

WORTHINGTON, OH 43085 PH: 614.436.6465 MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC

> PH: 602.285.1669 harrington

PHOENIX, AZ 85085

Atlanta, GA . Charlotte, NC FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096

2050 W. WHISPERING WIND DR, STE 158

PH: 770.564.3505

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IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering Pickering Firm, Inc.
Pickering Firm, Inc. Engineering
Planning · Surveying

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL

END USER

amazon

PROJECT DESCRIPTION **AMAZON LIT3** 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock PORT OF LITTLE ROCK (INDUSTRIAL PARK) LITTLE ROCK, ARKANSAS 72206

SHEET TITLE PLUMBING FLOOR PART PLAN - AREA D

(UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET MANAGEMENT DATE ISSUED: DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE

KEYED NOTES

PRIOR TO SUBMISSION OF BID.

HURRICANE SEASONS.

1. 6" OUTGOING DRAIN SERVICE. FOR CONTINUATION SEE CIVIL DRAWINGS.

- 2. PROVIDE WATER TAP FOR FUTURE WATER COOLER CONNECTIONS.
- 3. 4" INCOMING DCW BELOW GRADE. FOR CONTINUATION SEE CIVIL DRAWINGS.
- 4. 1" CW UP TO ROOF HYDRANT.

- 7. 3/4" GAS UP TO RTU. 8. 1" GAS UP TO RTU.

ORDERING MATERIALS.

- 9. 1/2" CW TO ANGLE STOP AT +24" A.F.F.. PROVIDE 1/4" COMPRESSION OUTLET FOR OWNER-PROVIDED WATER COOLER.
- 10. 2" CW DOWN TO BELOW GRADE TO GUARDHOUSE WITH VALVE ON RISE. FOR CONTINUATION SEE CIVIL DRAWINGS.
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- 12. EXPANSION LOOP. SEE DETAIL ON P-401.
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- 24. 3" GAS TO GENERATOR BELOW GRADE. FOR INSTALLATION DETAIL SEE DETAIL 7 ON P-402.
- 26. 1/2" CW TO IMB FOR OWNER-PROVIDED WATER COOLER IN FINISHED SPACE. CLEAR HEIGHT REQUIREMENTS ABOVE ELECTRICAL ROOM AND WAREHOUSE.
- 28. 2" VENT BELOW WINDOWS.

E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH

F. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL FCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE

REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OR

OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES

GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL

G. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/

NOTE: NOT ALL KEYED NOTES ARE USED ON EACH DRAWING.

- 5. DROP GAS PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.
- 6. DROP CW PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.

- 13. 8"X8" V.S.L. FROM ROOF TO BELOW GRADE. TRANSITION TO 10"Ø
- 15. 3" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.
- 16. 3/4" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.
- 17. 2" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.
- 18. 3/4" PIPE DROP ON WALL TO WALL HYDRANT AT 48" A.F.F. PROVIDE
- 19. VENT UP THRU ROOF.
- 20. DROP 6" STORM DRAIN DOWN TO BELOW FLOOR. TRANSITION TO 8" AND OUT OF BUILDING WITH INV. = -4'-00" B.F.F. FOR CONTINUATION SEE CIVIL
- 21. DAYLIGHT OVERFLOW STORM 24" ABOVE GRADE.

- DRAWINGS. FOR METER INSTALLATION DETAIL SEE DETAIL 3 ON P-402.
- 25. 4" CANOPY DRAIN TO BELOW GRADE.
- 27. 6" GAS TO PENETRATE EXTERIOR WALL MINIMUM 36' ABOVE F.F. TO MAINTAIN

PH: 501.246.3578 SEAL

SM DESIGN & CONSULTING, PC

855 Bloomfield Avenue, Suite 220

Glen Ridge, NJ 07028

Telephone 973-259-9500

www.smdcpc.com

CONSULTANT

SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS

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WORTHINGTON, OH 43085

PH: 614.436.6465

MEP CONSULTANTS

PHOENIX, AZ 85085 PH: 602.285.1669

harrington

DULUTH, GA 30096

PH: 770.564.3505

KRAEMER CONSULTING ENG PLLC

FIRE PROTECTION CONSULTANTS

3237 SATELLITE BOULEVARD, SUITE 525

TELECOMMUNICATIONS CONSULTANTS

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering

Pickering Firm, Inc.
Pickering Firm, Inc.

Planning · Surveying

HARRINGTON GROUP, INC

HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600

SEATTLE, WA 98101

PICKERING FIRM, INC.

1700 KIRK RD, SUITE 120

LITTLE ROCK, AR 72223

PH: 206.448.3376

2050 W. WHISPERING WIND DR, STE 158

SHIRK & O'DONOVAN

KCE JOB #24-240

PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M** CROSS-DOCK WAREHOUSE FACILITY

PROJECT LOCATION Port of Little Rock

(RECEIPT & REDISTRIBUTION)

PORT OF LITTLE ROCK (INDUSTRIAL PARK) LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

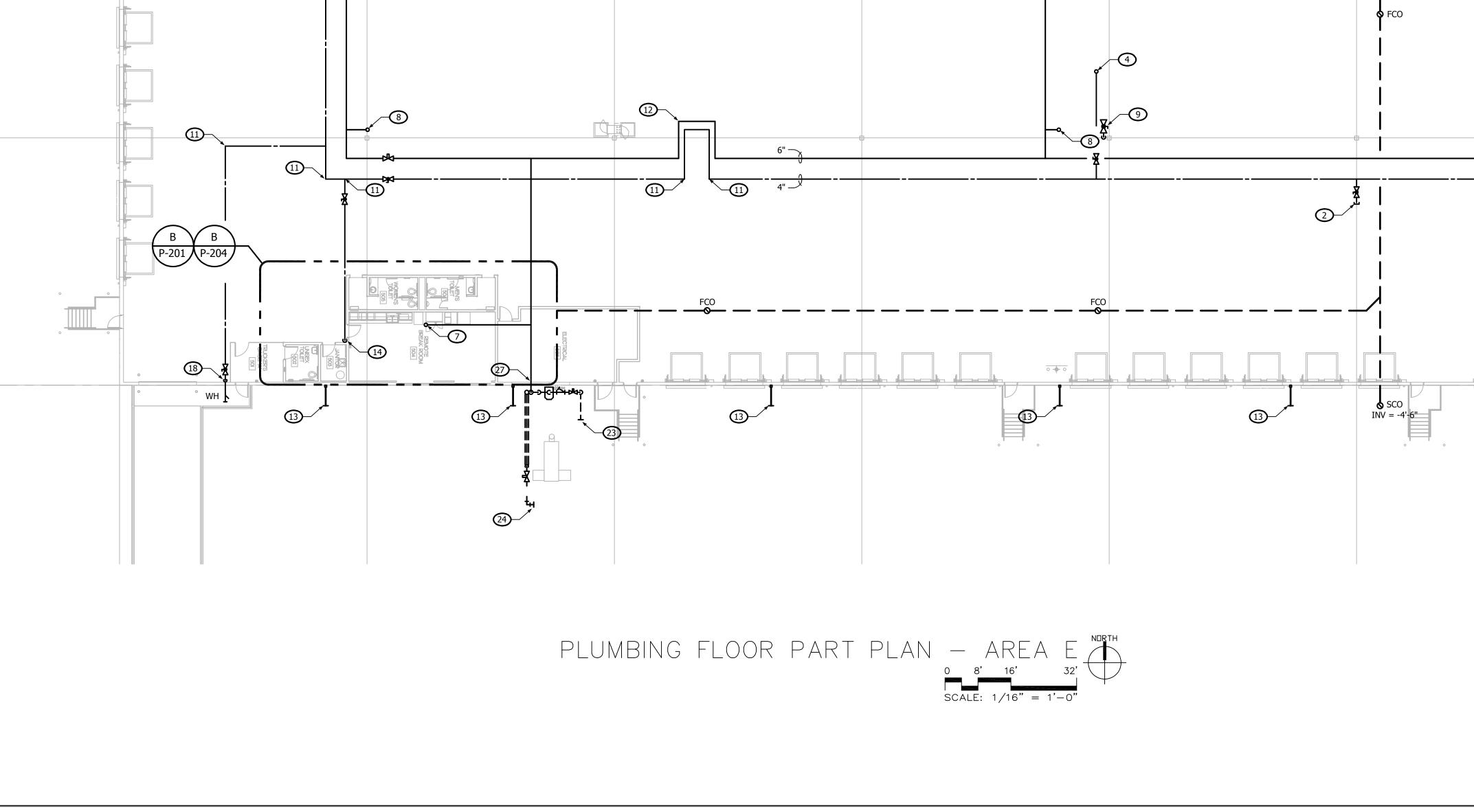


SHEET MANAGEMENT PROJECT NO.: DATE ISSUED: DRAWN BY: REVIEWED BY:

ISSUANCE / REVISION SCHEDULE # DATE DESCRIPTION

SHEET NUMBER

P-115



GAS PIPING AND WATER PIPING

WITHIN THE WAREHOUSE AREAS.

PIPING SHALL ALSO BE LOCATED ABOVE LIGHT FIXTURES AND DUCTWORK.

PROJECT CLEAR HEIGHTS:

OPEN WAREHOUSE:

BE LOCATED A MINIMUM OF 40'-0" A.F.F

9

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
- B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR
- ORDERING MATERIALS. C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE

PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE

ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR

D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS.

GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.

- E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH
- F. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL FCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- G. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/ HURRICANE SEASONS.

KEYED NOTES

- NOTE:NOT ALL KEYED NOTES ARE USED ON EACH DRAWING.
- 1. 6" OUTGOING DRAIN SERVICE. FOR CONTINUATION SEE CIVIL DRAWINGS.
- 2. PROVIDE WATER TAP FOR FUTURE WATER COOLER CONNECTIONS. 3. 4" INCOMING DCW BELOW GRADE. FOR CONTINUATION SEE CIVIL DRAWINGS.
- 4. 1" CW UP TO ROOF HYDRANT.
- 5. DROP GAS PIPE DOWN ON WALL TO ABOVE LOWERED CEILING. 6. DROP CW PIPE DOWN ON WALL TO ABOVE LOWERED CEILING.
- 7. 3/4" GAS UP TO RTU.
- 8. 1" GAS UP TO RTU.
- 9. 1/2" CW TO ANGLE STOP AT +24" A.F.F.. PROVIDE 1/4" COMPRESSION OUTLET FOR OWNER-PROVIDED WATER COOLER.
- 10. 2" CW DOWN TO BELOW GRADE TO GUARDHOUSE WITH VALVE ON RISE. FOR CONTINUATION SEE CIVIL DRAWINGS.
- 11. PROVIDE SWAY BRACING ON CW MAIN.
- 12. EXPANSION LOOP. SEE DETAIL ON P-401.
- 13. 8"X8" V.S.L. FROM ROOF TO BELOW GRADE. TRANSITION TO 10"Ø HORIZONTAL WITH INV. = -4.00' B.F.F. FOR CONTINUATION SEE CIVIL
- 14. 2-1/2" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.
- 15. 3" CW DOWN TO FIXTURES. FOR CONTINUATION SEE NOTED PART PLANS.
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- 22. OVERFLOW TO SPLASH PAD AND DRAIN. FOR SPECIFICATIONS SEE CIVIL
- 23. 6" INCOMING GAS SERVICE BELOW GRADE. FOR CONTINUATION SEE CIVIL DRAWINGS. FOR METER INSTALLATION DETAIL SEE DETAIL 3 ON P-402.
- 24. 3" GAS TO GENERATOR BELOW GRADE. FOR INSTALLATION DETAIL SEE DETAIL 7 ON P-402.
- 25. 4" CANOPY DRAIN TO BELOW GRADE.
- 26. 1/2" CW TO IMB FOR OWNER-PROVIDED WATER COOLER IN FINISHED SPACE.
- 27. 6" GAS TO PENETRATE EXTERIOR WALL MINIMUM 36' ABOVE F.F. TO MAINTAIN CLEAR HEIGHT REQUIREMENTS ABOVE ELECTRICAL ROOM AND WAREHOUSE.
- 28. 2" VENT BELOW WINDOWS.

GENERAL NOTES

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

APPROVAL STAMP:



855 Bloomfield Avenue, Suite 220 Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

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STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC

370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158

PH: 602.285.1669 harrington

PHOENIX, AZ 85085

Atlanta, GA · Charlotte, NC

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096

PH: 770.564.3505 TELECOMMUNICATIONS CONSULTANTS

HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering Pickering Firm, Inc.
Pickering Firm, Inc.

Planning · Surveying PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120

LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



KCE JOB #24-240

PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M** CROSS-DOCK WAREHOUSE FACILITY

PROJECT LOCATION

(RECEIPT & REDISTRIBUTION)

Port of Little Rock PORT OF LITTLE ROCK (INDUSTRIAL PARK) LITTLE ROCK, ARKANSAS 72206

(UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE PLUMBING FLOOR PART PLAN - AREA F

SHEET MANAGEMENT DATE ISSUED: DRAWN BY:

REVIEWED BY: ISSUANCE / REVISION SCHEDULE

P-116

PLUMBING FLOOR PART PLAN — AREA F

0 8' 16' 32'

SCALE: 1/16" = 1'-0"

PLUMBING FLOOR PART PLAN — AREA G

0 8' 16' 32'

SCALE: 1/16" = 1'-0"

SCO

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
- B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR
- ORDERING MATERIALS. C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE
- PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.

D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING

- FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS. E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN
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- 13. 8"X8" V.S.L. FROM ROOF TO BELOW GRADE. TRANSITION TO 10"Ø HORIZONTAL WITH INV. = -4.00' B.F.F. FOR CONTINUATION SEE CIVIL
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- 28. 2" VENT BELOW WINDOWS.

GENERAL NOTES

ONE MUSIC SQUARE SOUTH, SUITE 110

NASHVILLE, TN 37203

APPROVAL STAMP:



Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

CONSULTANT

SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC

370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085

harrington

PH: 602.285.1669

Atlanta, GA · Charlotte, NC FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096

PH: 770.564.3505

HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

TELECOMMUNICATIONS CONSULTANTS

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering Pickering Firm, Inc.
Pickering Firm, Inc.

Planning · Surveying PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120

LITTLE ROCK, AR 72223 PH: 501.246.3578 SEAL



KCE JOB #24-240

PROJECT DESCRIPTION AMAZON LIT3 2026 IXD GEN5M

(RECEIPT & REDISTRIBUTION) PROJECT LOCATION

CROSS-DOCK WAREHOUSE FACILITY



LITTLE ROCK, ARKANSAS 72206

(UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE PLUMBING FLOOR PART PLAN - AREA G

SHEET MANAGEMENT

DATE ISSUED: DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE

APPROVAL STAMP:

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203



Telephone 973-259-9500 www.smdcpc.com

CONSULTING ENGINEERS

SHIRK & O'DONOVAN STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525

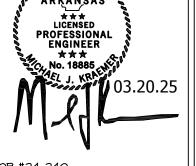
TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL: Pickering

Pickering Firm, Inc.
Pickering Firm, Inc. Planning · Surveying

1700 KIRK RD, SUITE 120

SEAL



END USER

amazon

PROJECT DESCRIPTION AMAZON LIT3 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY

PROJECT LOCATION Port of Little Rock PORT OF LITTLE ROCK

(INDUSTRIAL PARK) LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE

PLUMBING FLOOR PART PLAN - AREA H

ISSUANCE / REVISION SCHEDULE

SHEET NUMBER P-118

DEVELOPMENT

ONE MUSIC SQUARE SOUTH,
SUITE 110
NASHVILLE, TN 37203



CONSULTANT

www.smdcpc.com

SHIRK & O'DONOVAN

STRUCTURAL CONSULTANTS

SHIRK & O'DONOVAN

CONSULTING ENGINEERS, INC

370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS

KRAEMER CONSULTING ENG PLLC
2050 W. WHISPERING WIND DR, STE 158
PHOENIX, AZ 85085
PH: 602.285.1669

Atlanta, GA + Charlotte, NC

FIRE PROTECTION CONSULTANTS
HARRINGTON GROUP, INC
3237 SATELLITE BOULEVARD, SUITE 525
DULUTH, GA 30096
PH: 770.564.3505

TELECOMMUNICATIONS CONSULTANTS
HARGIS ENGINEERS, INC
1201 THIRD AVENUE, SUITE 600

1201 THIRD AVENUE, SUITE 600
SEATTLE, WA 98101
PH: 206.448.3376
IN COORDINATION WITH DEVELOPER'S
CONSULTANT WORKING IN PARALLEL:

Pickering

Pickering Firm, Inc.

Pickering Firm, Inc.

Engineering

Planning · Surveying

Planning · Surveyii SITE CIVIL PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



KCE JOB #24-240



PROJECT DESCRIPTION

AMAZON LIT3

2026 IXD GEN5M

CROSS-DOCK WAREHOUSE FACILITY
(RECEIPT & REDISTRIBUTION)



PLUMBING OVERALL ROOF PLAN

(UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET MANAGEMENT
ROJECT NO.:
PATE ISSUED:

PROJECT NO.:

DATE ISSUED:

DRAWN BY: VARIOUS

REVIEWED BY: MK

ISSUANCE / REVISION SCHEDULE

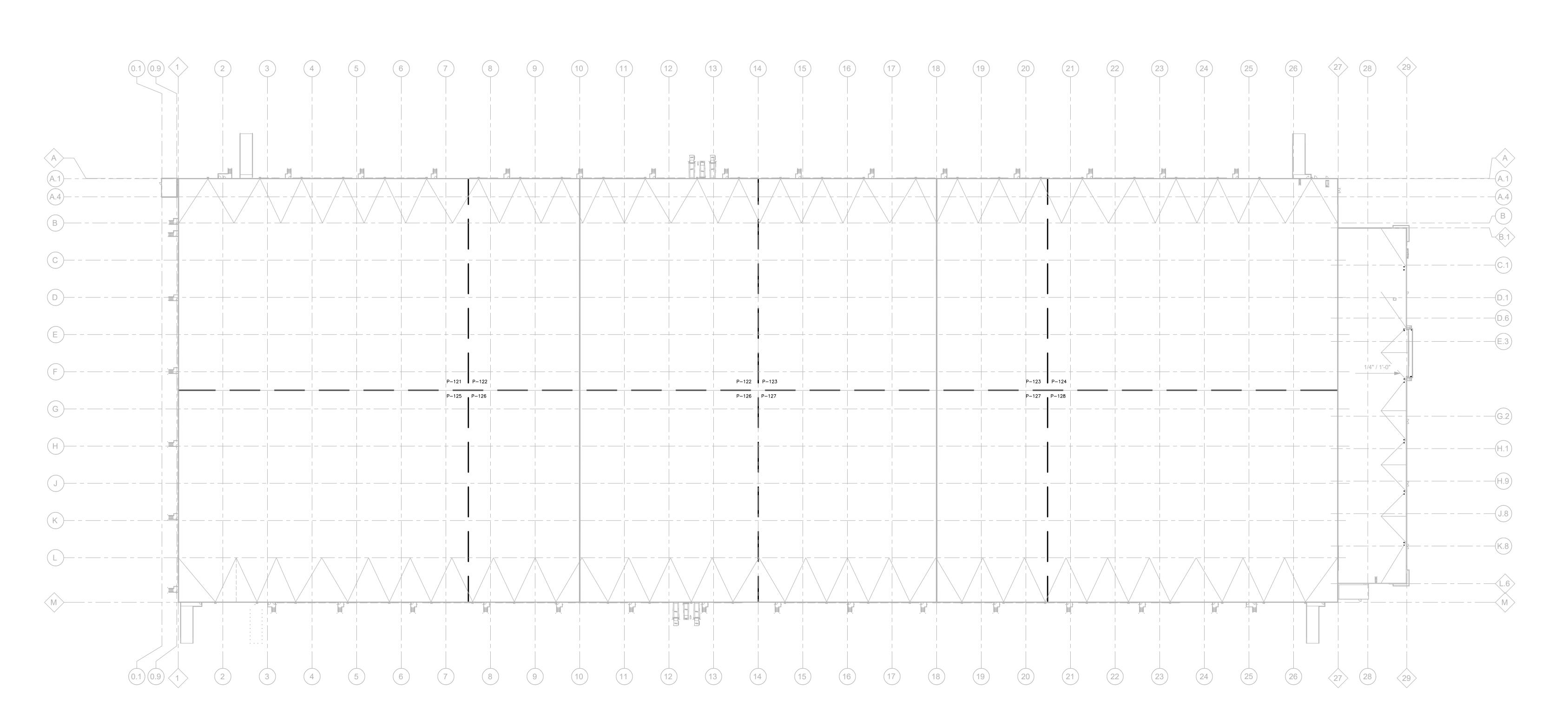
DATE DESCRIPTION

02/20/ 2025 REVIEW SET: CD 85%

03/20/ 2025 100% CD - FOR PERMIT

CHEET NI IMPED

P-120



PLUMBING OVERALL ROOF PLAN

0 30' 60' 120'

A B C D

E F G H

GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
- B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR ORDERING MATERIALS. C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING
- PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.

STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE

- D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS.
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® KEYED NOTES

- PROVIDE FINAL GAS CONNECTION TO ROOFTOP UNIT. INSTALL 3/4" (5 LB.) GAS SUPPLY PIPE COMPLETE WITH SHUT-OFF VALVE, 6" DIRT LEG, SECONDARY REGULATOR AND UNION. SET REGULATOR TO DELIVER 11" W.C. PROVIDE PATE PIPE SEAL AT PIPE PENETRATION THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR.
- 2. PROVIDE FINAL GAS CONNECTION TO ROOFTOP UNIT. INSTALL 1" (5 LB.) GAS SUPPLY PIPE COMPLETE WITH SHUT-OFF VALVE, 6" DIRT LEG, SECONDARY REGULATOR AND UNION. SET REGULATOR TO DELIVER 11" W.C. PROVIDE PATE PIPE SEAL AT PIPE PENETRATION THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR.
- 3. VENT THRU ROOF. TERMINATION MUST BE A MINIMUM OF 10' FROM NEAREST FRESH AIR INTAKE. 4. RH IN FREEZE PROOF BOX.
- 5. PRIMARY DRAIN 60"W X 10"H THRU WALL SCUPPER. 8"X8" V.S.L. DOWN EXTERIOR WALL. 6. 6" PRIMARY AND OVERFLOW DRAINS DOWN TO INTERIOR OF BUILDING.

CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN

APPROVAL STAMP:

ONE MUSIC SQUARE SOUTH,

SUITE 110

NASHVILLE, TN 37203

ARCHITECTS

SM DESIGN & CONSULTING, PC

855 Bloomfield Avenue, Suite 220

Glen Ridge, NJ 07028

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Telephone 973-259-9500

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harrington S 1

PH: 602.285.1669

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

HARGIS | TELECOMMUNICATIONS CONSULTANTS |

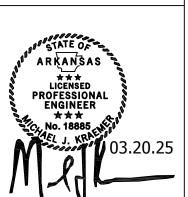
HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering Firm, Inc.
Pickering Firm, Inc.
Engineering
Planning · Surveying

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



PROJECT DESCRIPTION AMAZON LIT3 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY

PROJECT LOCATION

(RECEIPT & REDISTRIBUTION)

Port of Little Rock PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE PLUMBING ROOF PART PLAN - AREA A

SHEET MANAGEMENT REVIEWED BY: ISSUANCE / REVISION SCHEDULE

P-121

PLUMBING ROOF PART PLAN — AREA A

0 8' 16' 32'

SCALE: 1/16" = 1'-0"

PLUMBING ROOF PART PLAN — AREA B

GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS. B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR
- ORDERING MATERIALS. C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS
- ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED. D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING

NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE

- FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS. E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH
- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

© KEYED NOTES

- PROVIDE FINAL GAS CONNECTION TO ROOFTOP UNIT. INSTALL 3/4" (5 LB.) GAS SUPPLY PIPE COMPLETE WITH SHUT-OFF VALVE, 6" DIRT LEG, SECONDARY REGULATOR AND UNION. SET REGULATOR TO DELIVER 11" W.C. PROVIDE PATE PIPE SEAL AT PIPE PENETRATION THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR.
- 2. PROVIDE FINAL GAS CONNECTION TO ROOFTOP UNIT. INSTALL 1" (5 LB.) GAS SUPPLY PIPE COMPLETE WITH SHUT-OFF VALVE, 6" DIRT LEG, SECONDARY REGULATOR AND UNION. SET REGULATOR TO DELIVER 11" W.C. PROVIDE PATE PIPE SEAL AT PIPE PENETRATION THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR.
- 3. VENT THRU ROOF. TERMINATION MUST BE A MINIMUM OF 10' FROM NEAREST FRESH AIR INTAKE. 4. RH IN FREEZE PROOF BOX.
- 5. PRIMARY DRAIN 60"W X 10"H THRU WALL SCUPPER. 8"X8" V.S.L. DOWN
- EXTERIOR WALL.
- 6. 6" PRIMARY AND OVERFLOW DRAINS DOWN TO INTERIOR OF BUILDING.

ONE MUSIC SQUARE SOUTH, SUITE 110

APPROVAL STAMP:



SM DESIGN & CONSULTING, PC 855 Bloomfield Avenue, Suite 220 Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

CONSULTANT

SHIRK & O'DONOVAN

CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085

PH: 614.436.6465 MEP CONSULTANTS

KRAEMER CONSULTING ENG PLLC

2050 W. WHISPERING WIND DR, STE 158 | PHOENIX, AZ 85085 PH: 602.285.1669

harrington S 1 FIRE PROTECTION CONSULTANTS

HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

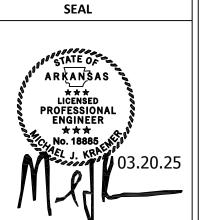
HARGIS | TELECOMMUNICATIONS CONSULTANTS | HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600

SEATTLE, WA 98101

PH: 206.448.3376 IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering Firm, Inc.
Pickering Firm, Inc.
Engineering
Planning · Surveying

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578



PROJECT DESCRIPTION AMAZON LIT3 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206

(UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE PLUMBING ROOF PART PLAN - AREA B

SHEET MANAGEMENT

DRAWN BY: REVIEWED BY:

ISSUANCE / REVISION SCHEDULE

SHEET NUMBER P-122

KEY PLAN

PLUMBING ROOF PART PLAN — AREA C

GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS. B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR
- ORDERING MATERIALS. C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE
- GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED. D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS.

ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR

- E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH
- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

© KEYED NOTES

- PROVIDE FINAL GAS CONNECTION TO ROOFTOP UNIT. INSTALL 3/4" (5 LB.) GAS SUPPLY PIPE COMPLETE WITH SHUT-OFF VALVE, 6" DIRT LEG, SECONDARY REGULATOR AND UNION. SET REGULATOR TO DELIVER 11" W.C. PROVIDE PATE PIPE SEAL AT PIPE PENETRATION THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR.
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6. 6" PRIMARY AND OVERFLOW DRAINS DOWN TO INTERIOR OF BUILDING.

PH: 602.285.1669

| PHOENIX, AZ 85085

MEP CONSULTANTS

harrington S 1 FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096

KRAEMER CONSULTING ENG PLLC

2050 W. WHISPERING WIND DR, STE 158

APPROVAL STAMP:

ONE MUSIC SQUARE SOUTH,

SUITE 110

NASHVILLE, TN 37203

ARCHITECTS

SM DESIGN & CONSULTING, PC

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Glen Ridge, NJ 07028

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CONSULTANT SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN

CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD

WORTHINGTON, OH 43085

PH: 614.436.6465

PH: 770.564.3505 HARGIS TELECOMMUNICATIONS CONSULTANTS

HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600

SEATTLE, WA 98101

PH: 206.448.3376 IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering

Pickering Firm, Inc.

Pickering Firm, Inc.

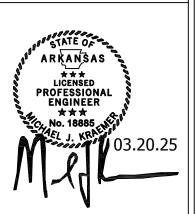
Engineering

Planning · Surveying

SITE CIVIL

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



PROJECT DESCRIPTION AMAZON LIT3 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY

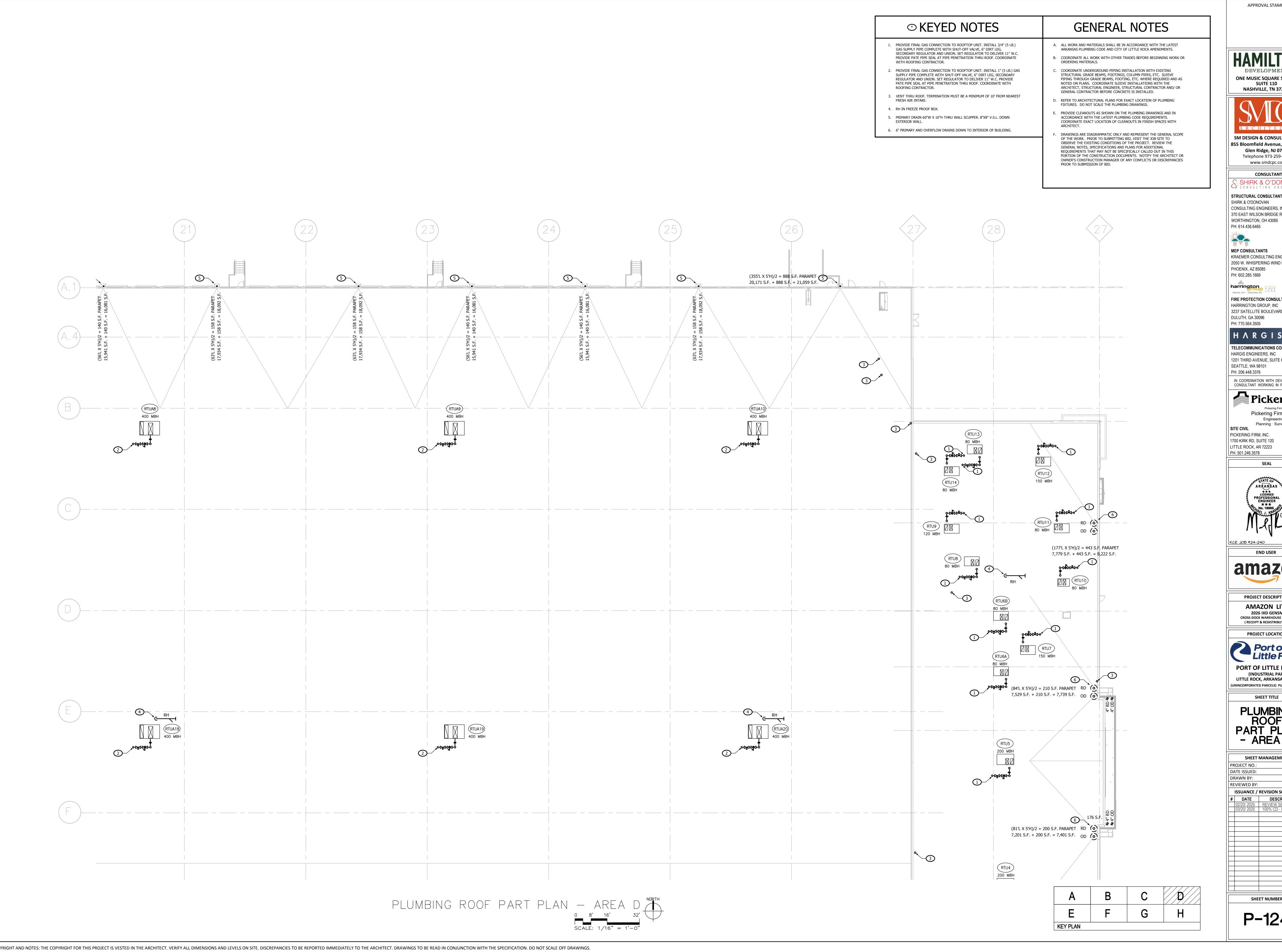


(RECEIPT & REDISTRIBUTION)

(UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE PLUMBING ROOF PART PLAN - AREA C

SHEET MANAGEMENT

DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE



SUITE 110 NASHVILLE, TN 37203 ARCHITECTS SM DESIGN & CONSULTING, PC

ONE MUSIC SQUARE SOUTH,

APPROVAL STAMP:

855 Bloomfield Avenue, Suite 220 Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

CONSULTANT SHIRK & O'DONOVAN

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085 PH: 602.285.1669

harrington Atlanta, GA . Charlotte, NC

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

HARGIS

TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

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Pickering Firm, Inc.
Engineering
Planning · Surveying

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



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amazon

PROJECT DESCRIPTION AMAZON LIT3 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock

PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE PLUMBING ROOF PART PLAN - AREA D

SHEET MANAGEMENT DATE ISSUED: DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE

PLUMBING ROOF PART PLAN — AREA E

GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
- B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR
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PRIOR TO SUBMISSION OF BID.

EXECUTE KEYED NOTES

OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES

- PROVIDE FINAL GAS CONNECTION TO ROOFTOP UNIT. INSTALL 3/4" (5 LB.) GAS SUPPLY PIPE COMPLETE WITH SHUT-OFF VALVE, 6" DIRT LEG, SECONDARY REGULATOR AND UNION. SET REGULATOR TO DELIVER 11" W.C. PROVIDE PATE PIPE SEAL AT PIPE PENETRATION THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR.
- 2. PROVIDE FINAL GAS CONNECTION TO ROOFTOP UNIT. INSTALL 1" (5 LB.) GAS SUPPLY PIPE COMPLETE WITH SHUT-OFF VALVE, 6" DIRT LEG, SECONDARY REGULATOR AND UNION. SET REGULATOR TO DELIVER 11" W.C. PROVIDE PATE PIPE SEAL AT PIPE PENETRATION THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR.
- 3. VENT THRU ROOF. TERMINATION MUST BE A MINIMUM OF 10' FROM NEAREST FRESH AIR INTAKE. 4. RH IN FREEZE PROOF BOX.
- 5. PRIMARY DRAIN 60"W X 10"H THRU WALL SCUPPER. 8"X8" V.S.L. DOWN EXTERIOR WALL.
- 6. 6" PRIMARY AND OVERFLOW DRAINS DOWN TO INTERIOR OF BUILDING.

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

APPROVAL STAMP:



Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

CONSULTANT

SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN

CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085

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PH: 602.285.1669

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

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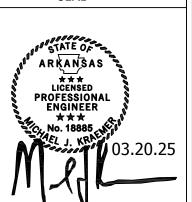
Engineering

Planning · Surveying

SITE CIVIL

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



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> PROJECT DESCRIPTION AMAZON LIT3
> 2026 IXD GEN5M
> CROSS-DOCK WAREHOUSE FACILITY
> (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION

Port of Little Rock PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206

SHEET TITLE PLUMBING ROOF PART PLAN - AREA E

SHEET MANAGEMENT

DRAWN BY: REVIEWED BY: **ISSUANCE / REVISION SCHEDULE**

PLUMBING ROOF PART PLAN — AREA F

GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
- B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR ORDERING MATERIALS.
- C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR
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⋄ KEYED NOTES

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- 2. PROVIDE FINAL GAS CONNECTION TO ROOFTOP UNIT. INSTALL 1" (5 LB.) GAS SUPPLY PIPE COMPLETE WITH SHUT-OFF VALVE, 6" DIRT LEG, SECONDARY REGULATOR AND UNION. SET REGULATOR TO DELIVER 11" W.C. PROVIDE PATE PIPE SEAL AT PIPE PENETRATION THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR.
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- 6. 6" PRIMARY AND OVERFLOW DRAINS DOWN TO INTERIOR OF BUILDING.

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

APPROVAL STAMP:



Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

CONSULTANT

SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC

370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085 PH: 602.285.1669

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FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC

1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376 IN COORDINATION WITH DEVELOPER'S

CONSULTANT WORKING IN PARALLEL:

Pickering

Pickering Firm, Inc.

Pickering Firm, Inc.

Engineering

Planning · Surveying

SITE CIVIL

SITE CIVIL
PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL

END USER amazon

> PROJECT DESCRIPTION AMAZON LIT3
> 2026 IXD GEN5M
> CROSS-DOCK WAREHOUSE FACILITY
> (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206

SHEET TITLE PLUMBING ROOF PART PLAN - AREA F

(UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET MANAGEMENT

DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE

PLUMBING ROOF PART PLAN — AREA G

GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
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- 6. 6" PRIMARY AND OVERFLOW DRAINS DOWN TO INTERIOR OF BUILDING.

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

APPROVAL STAMP:



Telephone 973-259-9500 www.smdcpc.com CONSULTANT

SHIRK & O'DONOVAN

CONSULTING ENGINEERS STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN

CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085

harrington S 1 1

PH: 602.285.1669

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

HARGIS TELECOMMUNICATIONS CONSULTANTS

1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

HARGIS ENGINEERS, INC

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering

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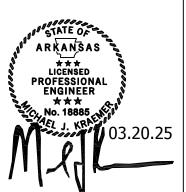
Engineering

Planning · Surveying

SITE CIVIL

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SEAL



END USER amazon

> PROJECT DESCRIPTION AMAZON LIT3
> 2026 IXD GEN5M
> CROSS-DOCK WAREHOUSE FACILITY
> (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206

SHEET TITLE

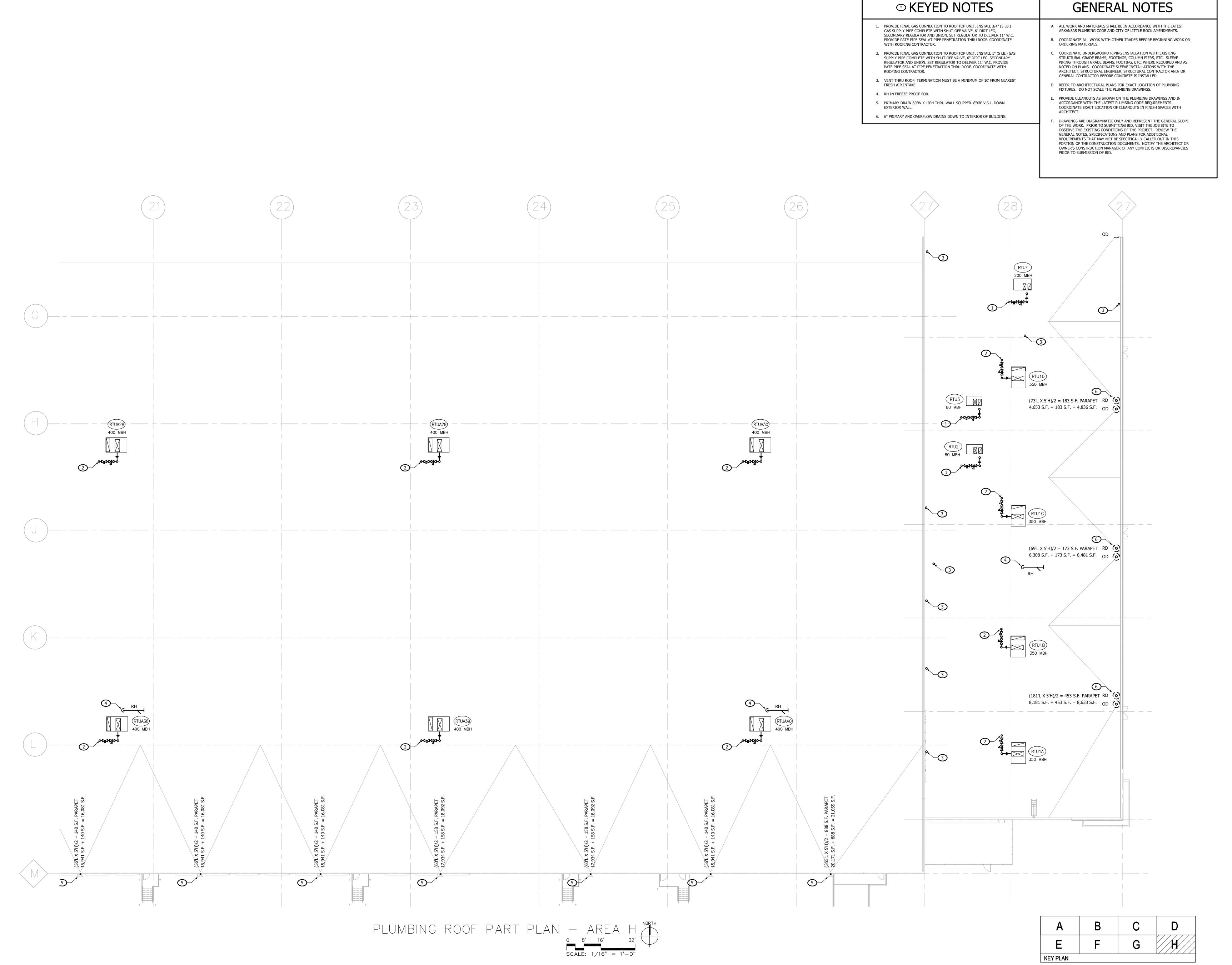
PLUMBING ROOF PART PLAN - AREA G

SHEET MANAGEMENT

REVIEWED BY: **ISSUANCE / REVISION SCHEDULE**

P-127

KEY PLAN



APPROVAL STAMP:

ONE MUSIC SQUARE SOUTH, SUITE 110



www.smdcpc.com CONSULTANT

SHIRK & O'DONOVAN CONSULTING ENGINEERS STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC

PH: 614.436.6465 MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158

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harrington

PHOENIX, AZ 85085 PH: 602.285.1669

Atlanta, GA . Charlotte, NC FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096

PH: 770.564.3505

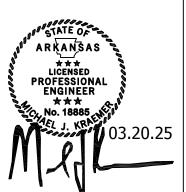
TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101

PH: 206.448.3376 IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering Pickering Firm, Inc.
Pickering Firm, Inc.
Engineering
Planning · Surveying

SITE CIVIL
PICKERING FIRM, INC.
1700 KIRK RD, SUITE 120
LITTLE ROCK, AR 72223
PH: 501.246.3578

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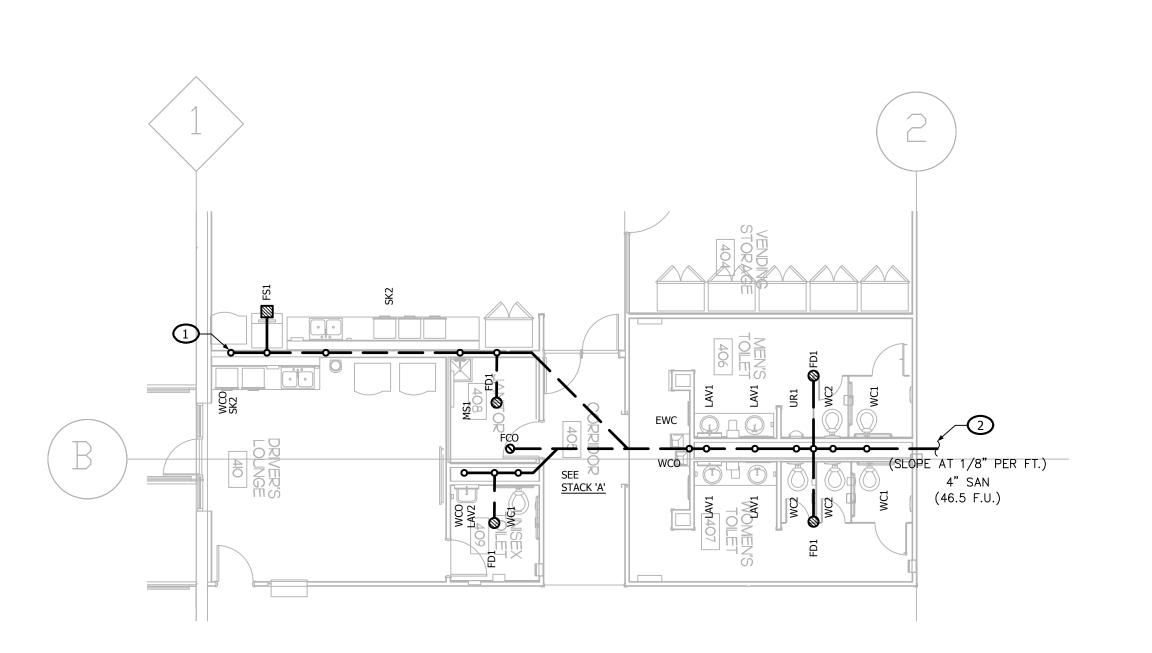
> PROJECT DESCRIPTION AMAZON LIT3
>
> 2026 IXD GEN5M
>
> CROSS-DOCK WAREHOUSE FACILITY
>
> (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206

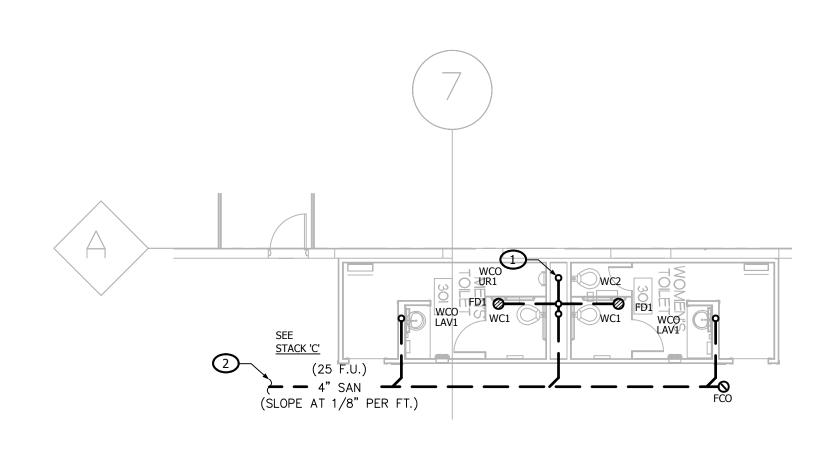
SHEET TITLE

PLUMBING ROOF PART PLAN - AREA H SHEET MANAGEMENT

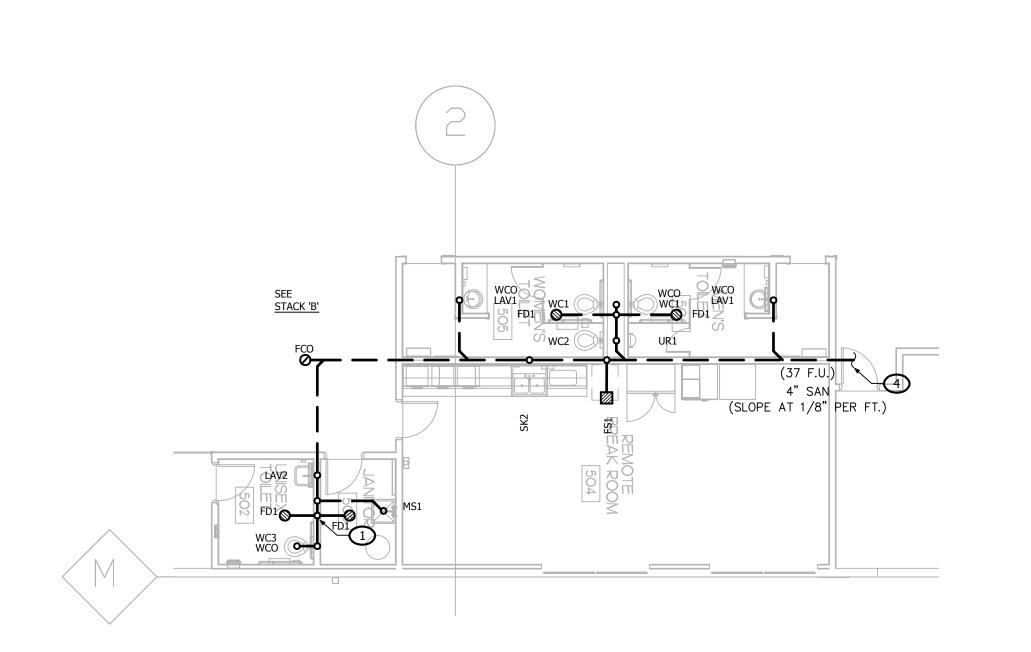
DATE ISSUED: REVIEWED BY: **ISSUANCE / REVISION SCHEDULE**



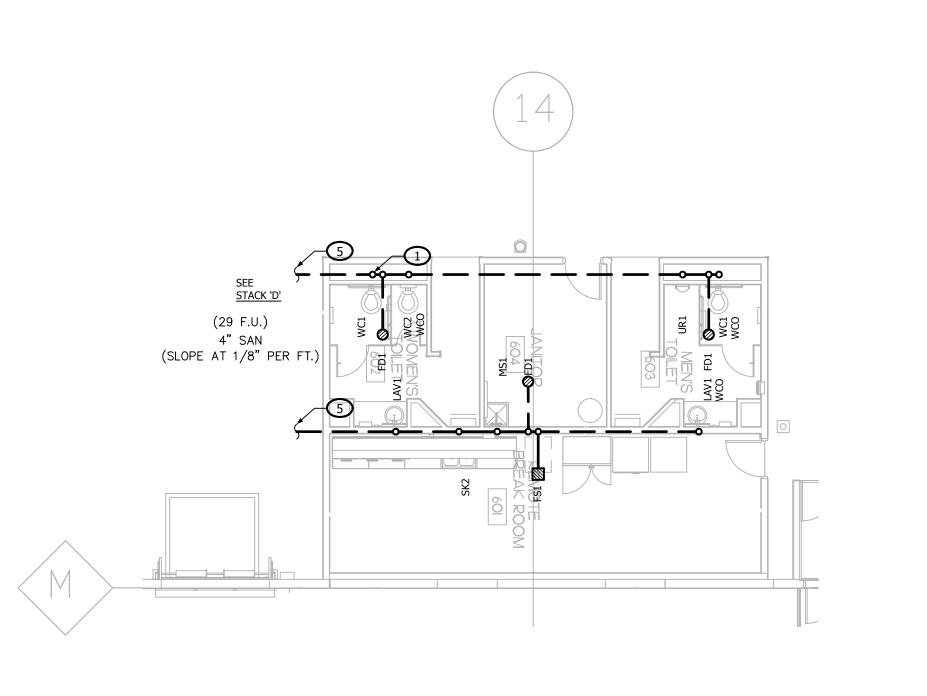
PLUMBING WASTE & VENT PART PLANS - A



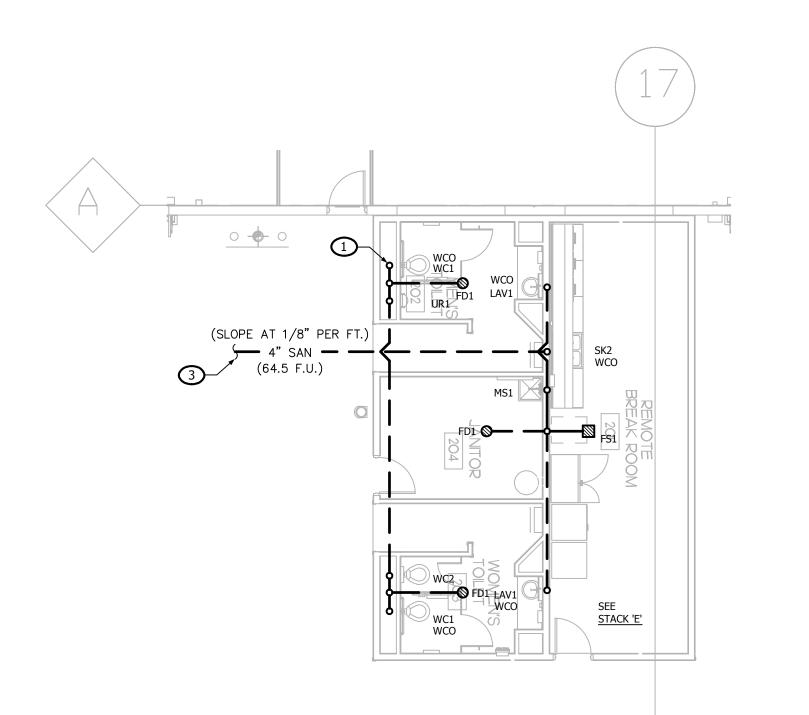












PLUMBING WASTE & VENT PART PLANS - E

GENERAL NOTES

A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.

B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR ORDERING MATERIALS.

C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE

PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.

D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING

FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS. E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH

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G. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/ HURRICANE SEASONS.

1. VENT UP THRU ROOF.

2. FOR CONTINUATION SEE P-111.

3. FOR CONTINUATION SEE P-113.

4. FOR CONTINUATION SEE P-115.

5. FOR CONTINUATION SEE P-116.

KEYED NOTES

WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158

STRUCTURAL CONSULTANTS

CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD

SHIRK & O'DONOVAN

APPROVAL STAMP:

ONE MUSIC SQUARE SOUTH,

SUITE 110

NASHVILLE, TN 37203

ARCHITECTS

SM DESIGN & CONSULTING, PC

855 Bloomfield Avenue, Suite 220

Glen Ridge, NJ 07028

Telephone 973-259-9500

www.smdcpc.com

CONSULTANT

SHIRK & O'DONOVAN CONSULTING ENGINEERS

PH: 602.285.1669 harrington

PHOENIX, AZ 85085

Atlanta, GA . Charlotte, NC FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:



PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



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amazon

PROJECT DESCRIPTION AMAZON LIT3 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY

PROJECT LOCATION

(RECEIPT & REDISTRIBUTION)



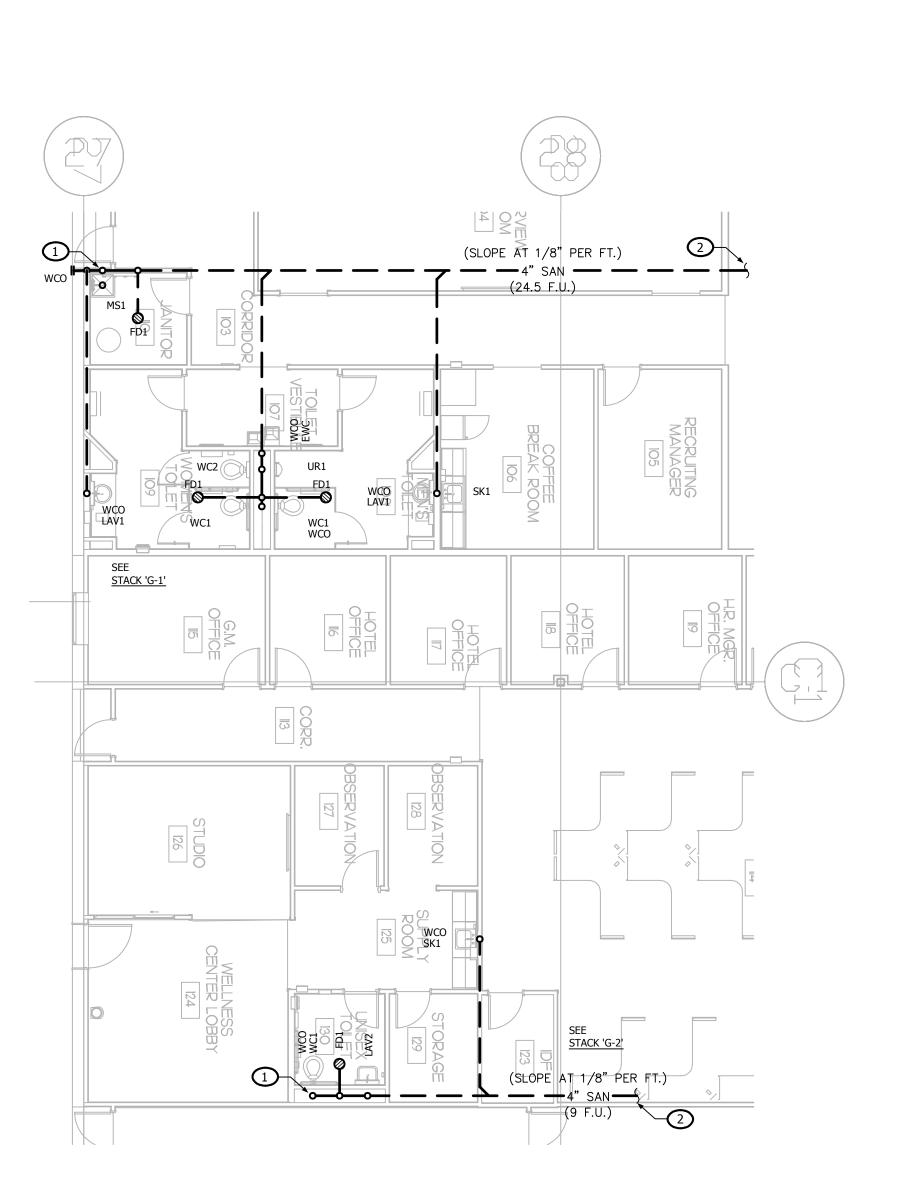
(UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE

PLUMBING WASTE & VENT PART PLANS

SHEET MANAGEMENT PROJECT NO.: DATE ISSUED: DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE

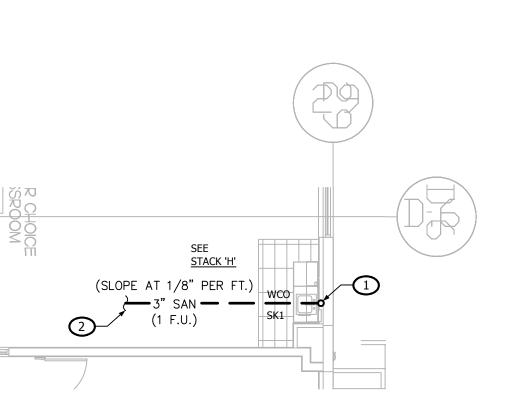
P-201

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PLUMBING WASTE & VENT PART PLANS — H SCALE: 1/8" = 1'-0"

GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
- B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR ORDERING MATERIALS.
- C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS

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- G. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/ HURRICANE SEASONS.

KEYED NOTES

1. VENT UP THRU ROOF. 2. FOR CONTINUATION SEE P-114.

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

APPROVAL STAMP:



Telephone 973-259-9500 www.smdcpc.com

CONSULTANT SHIRK & O'DONOVAN

CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS

KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085 PH: 602.285.1669

harrington Atlanta, GA . Charlotte, NC

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

| TELECOMMUNICATIONS CONSULTANTS | HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:



PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL





PROJECT DESCRIPTION AMAZON LIT3 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY

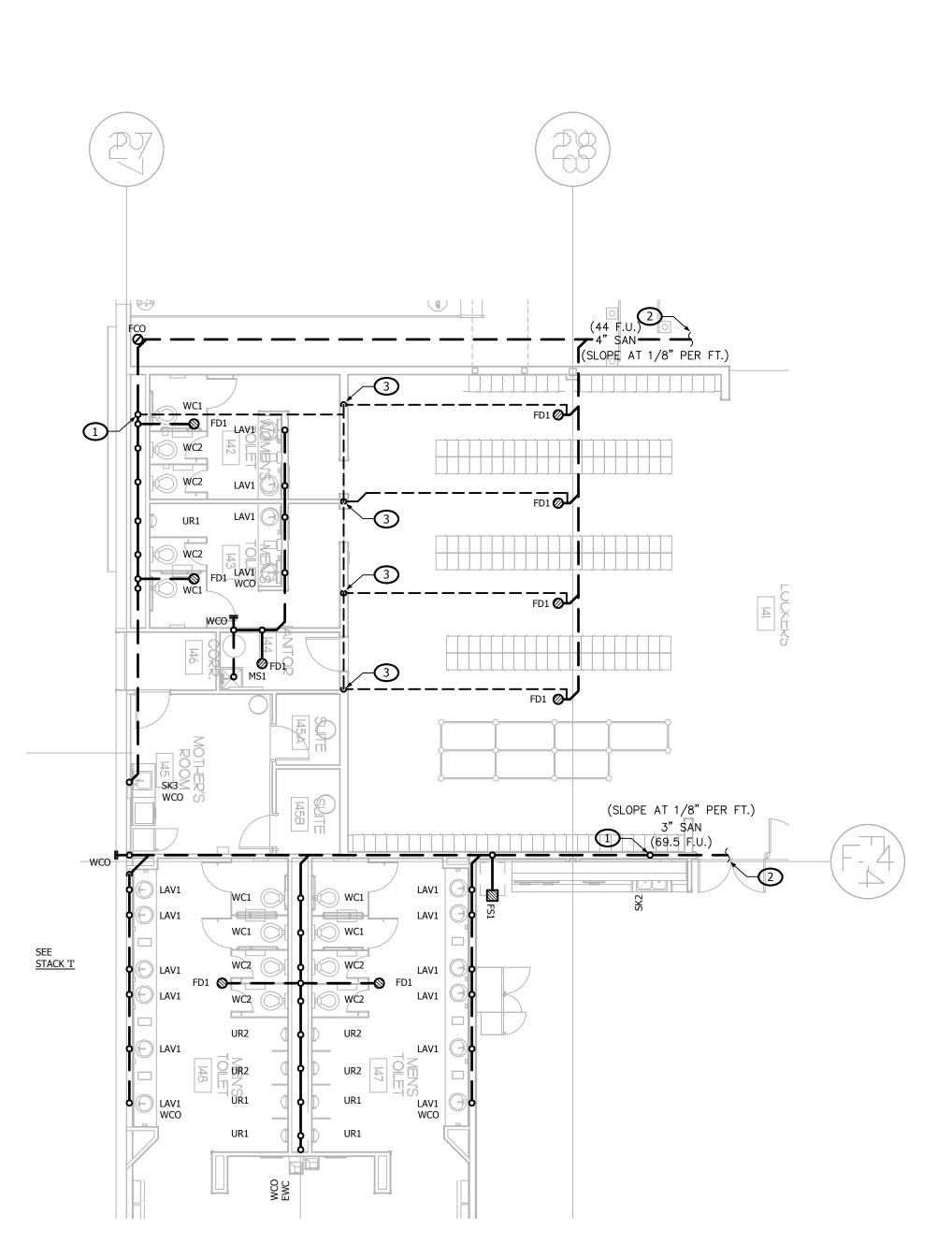


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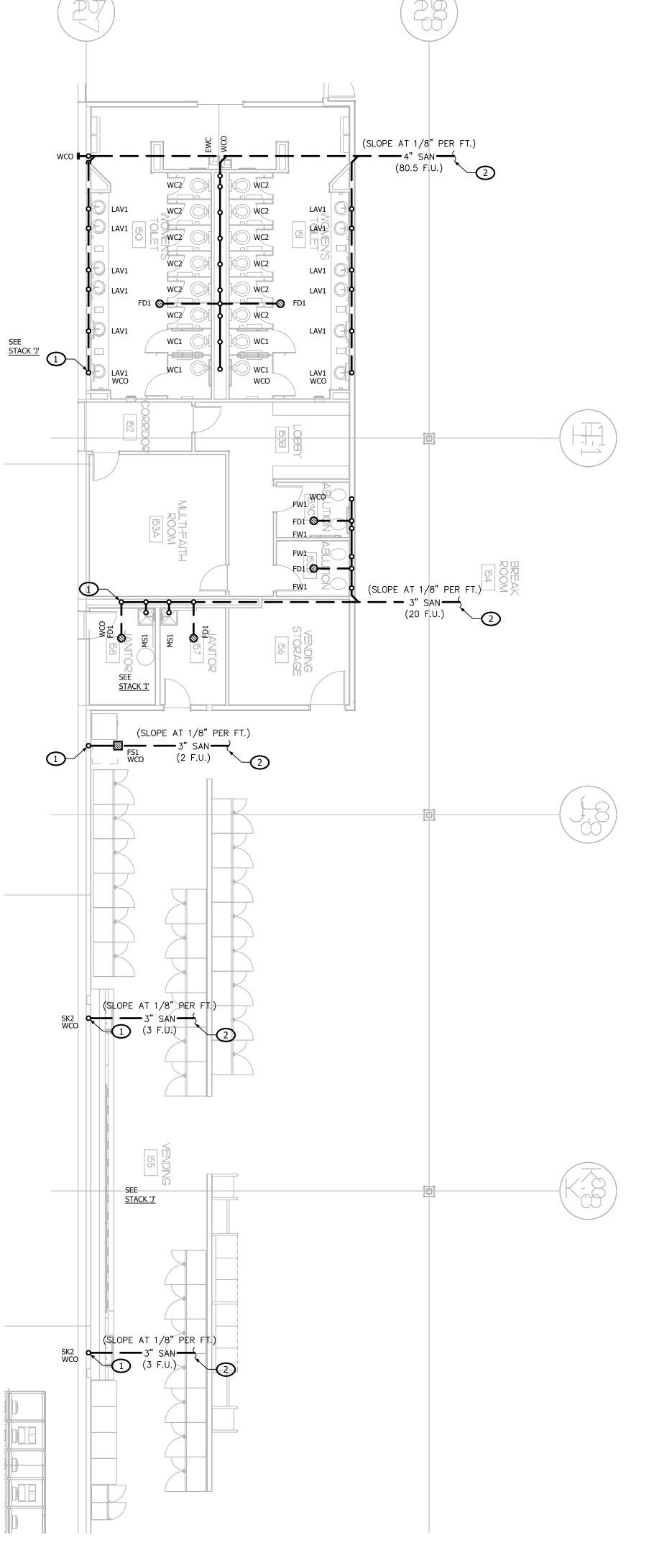
(UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE

PLUMBING WASTE & VENT PART PLANS SHEET MANAGEMENT

DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE # DATE



PLUMBING WASTE & VENT PART PLANS - I



PLUMBING WASTE & VENT PART PLANS — JOHNSON 16' SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.

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COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH

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OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES

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KEYED NOTES

1. VENT UP THRU ROOF. 2. FOR CONTINUATION SEE P-118.

3. VENT IN WALL.

PRIOR TO SUBMISSION OF BID.

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203



APPROVAL STAMP:

Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

CONSULTANT SHIRK & O'DONOVAN

CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC

370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085 PH: 602.285.1669

harrington s
Atlanta, GA • Charlotte, NC

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC

1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering Pickering Firm, Inc.

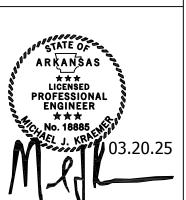
Pickering Firm, Inc.

Engineering

Planning · Surveying

PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL





PROJECT DESCRIPTION **AMAZON LIT3** 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY

PROJECT LOCATION

(RECEIPT & REDISTRIBUTION)

Port of Little Rock PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE PLUMBING WASTE & VENT PART PLANS

SHEET MANAGEMENT PROJECT NO. DATE ISSUED: DRAWN BY:

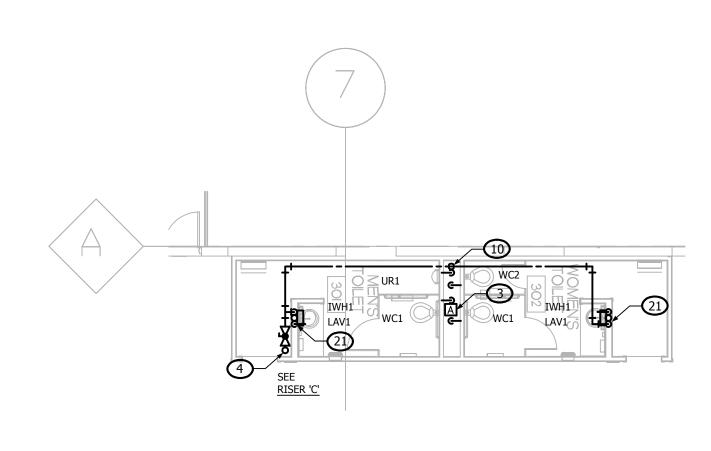
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P-203

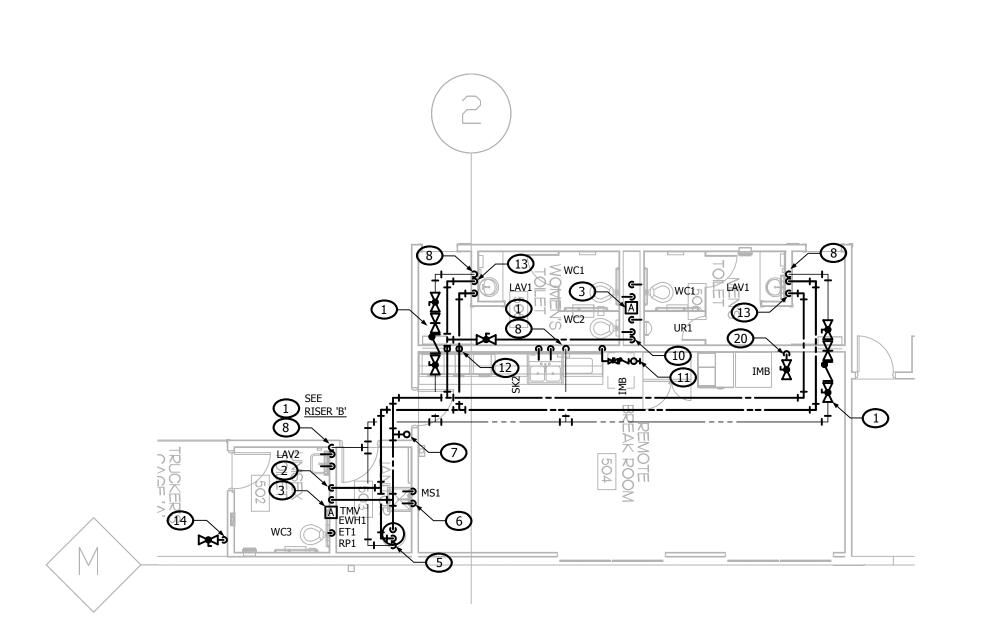
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SCALE: 1/8" = 1'-0"

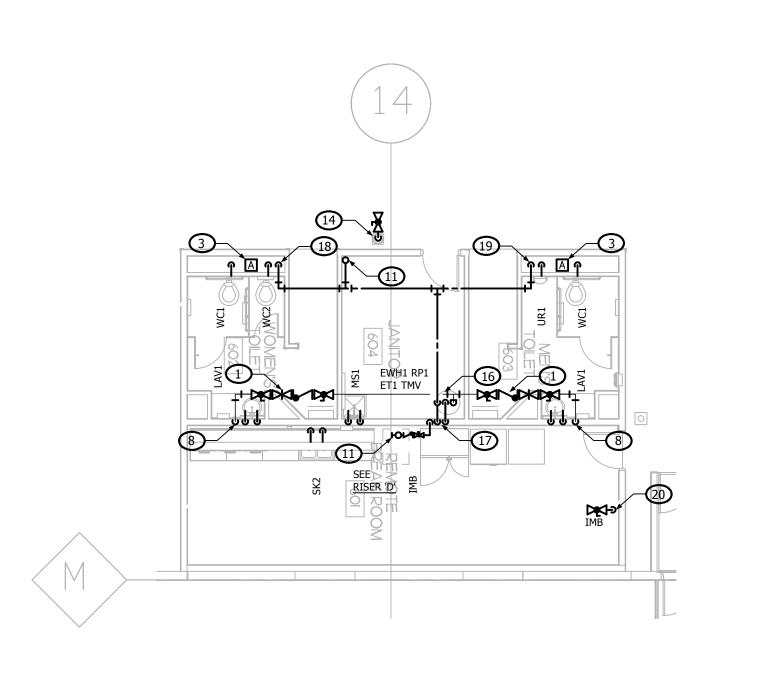




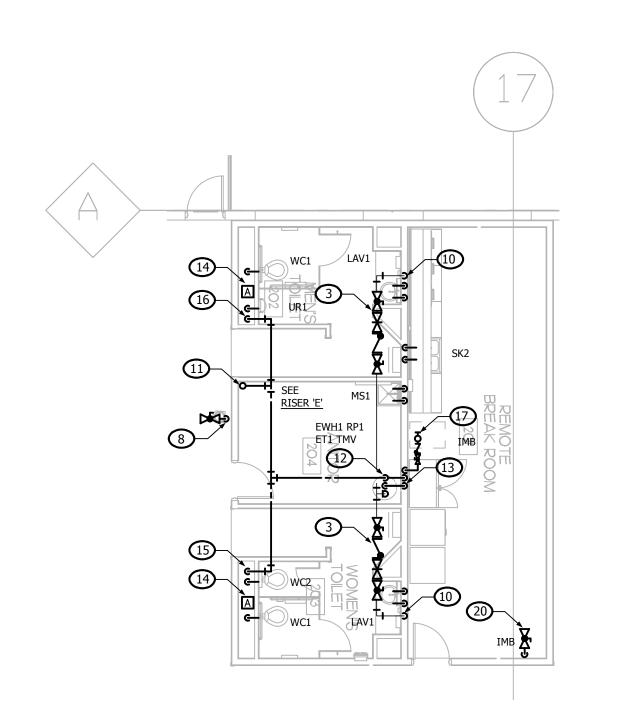
PLUMBING WATER PART PLANS — C







PLUMBING WATER PART PLANS - D



PLUMBING WATER PART PLANS - E

GENERAL NOTES

A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.

B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR ORDERING MATERIALS.

C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS

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G. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/ HURRICANE SEASONS.

KEYED NOTES

1. 3/4" BALL VALVE, CHECK VALVE, BALANCING VALVE, AND CHECK VALVE. 2. 2" CW DOWN IN CHASE TO 2" CW HEADER WITH 2" TO WC AND 1/2" CW TO LAV. 3/4" HW DOWN IN CHASE TO 3/4" HW HEADER WITH 1/2" TO LAV.

B. PROVIDE STAINLESS STEEL WALL ACCESS PANEL FOR WATER HAMMER ARRESTOR. LOCATE WATER HAMMER ARRESTOR PER MANUFACTURER'S REQUIREMENTS.

5. 1-1/2" CW/HW DOWN TO EWH1 MOUNTED IN PAN ON FLOOR STAND. EXTEND T&P DRAIN LINE AND PAN DRAIN LINE TO MOP SINK. PROVIDE MASTER TMV. 3/4" HOT WATER CIRCULATING PUMP, BALANCING VALVE AND CHECK VALVE.

6. 3/4" CW/ HW DOWN IN WALL TO MS.

4. 2-1/2" CW FROM ABOVE WITH VALVE ON RISE.

7. 2-1/2" CW DOWN IN WALL TO 2-1/2" CW HEADER. PROVIDE 1" CW TO EACH WC, 3/4" CW TO UR, 1/2" CW TO EACH LAV AND EWC. 1" HW DOWN IN WALL TO 1" HEADER WITH 1/2" HW TO EACH LAV.

8. RISE 3/4" HWR TO CEILING SPACE AND ROUTE AS SHOWN. 9. 3/4" CW DOWN IN WALL WITH 1/2" CW TO LAV AND IWH. EXTEND 1/2" HW FROM

10. 2-1/2" CW DOWN IN CHASE TO 2-1/2" CW HEADER WITH 1" CW TO EACH WC AND 3/4" CW TO UR.

11. PROVIDE 1/2" CW TO SHUT-OFF VALVE, BACKFLOW DEVICE, AND INLINE FILTER AT ICE MAKER LOCATION. PROVIDE WATTS NO. SD-3 BACKFLOW DEVICE.

12. 1" CW/HW DOWN IN WALL TO 1" HEADERS WITH 3/4" CW/HW TO SK, AND 1/2" CW

13. 3/4" CW/HW DOWN IN WALL WITH 1/2" CW/HW TO LAV.

14. 1/2" CW TO ANGLE STOP AT +24" A.F.F.. PROVIDE 1/4" COMPRESSION OUTLET FOR OWNER-PROVIDED WATER COOLER.

15. 1-1/4" CW/HW DOWN IN WALL TO 1-1/4" CW/HW HEADERS WITH 3/4" CW/HW TO MS, EACH SK, AND 1/2" CW TO IMB.

16. 1-1/4" CW/HW DOWN TO EWH1 MOUNTED IN PAN ON FLOOR STAND. EXTEND T&P DRAIN LINE AND PAN DRAIN LINE TO MOP SINK. PROVIDE MASTER TMV. 3/4" HOT WATER CIRCULATING PUMP, BALANCING VALVE AND CHECK VALVE.

17. 1-1/4" DOWN IN WALL TO 1-1/4" HEADERS WITH 3/4" CW/HW TO MS AND SK, AND 1/2" CW/HW TO EACH LAV AND IMB.

18. 2" CW DOWN IN CHASE TO 2" CW HEADER WITH 2" TO EACH WC.

19. 2" CW DOWN IN CHASE TO 2" CW HEADER WITH 2" TO WC AND 1-1/2" CW TO UR

20. 1/2" CW TO IMB FOR OWNER-PROVIDED WATER COOLER IN FINISHED SPACE. 21. 3/4" CW DOWN IN WALL WITH 1/2" CW TO LAV AND IWH. EXTEND 1/2" HW FROM IWH TO LAV. ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

APPROVAL STAMP:

ARCHITECTS **SM DESIGN & CONSULTING, PC** 855 Bloomfield Avenue, Suite 220 Glen Ridge, NJ 07028

Telephone 973-259-9500 www.smdcpc.com

CONSULTANT SHIRK & O'DONOVAN CONSULTING ENGINEERS

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC

370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085 PH: 614.436.6465

MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085 PH: 602.285.1669

harrington

FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096

PH: 770.564.3505

TELECOMMUNICATIONS CONSULTANTS

HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

> IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:



SITE CIVIL PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



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> PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M** CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)



LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

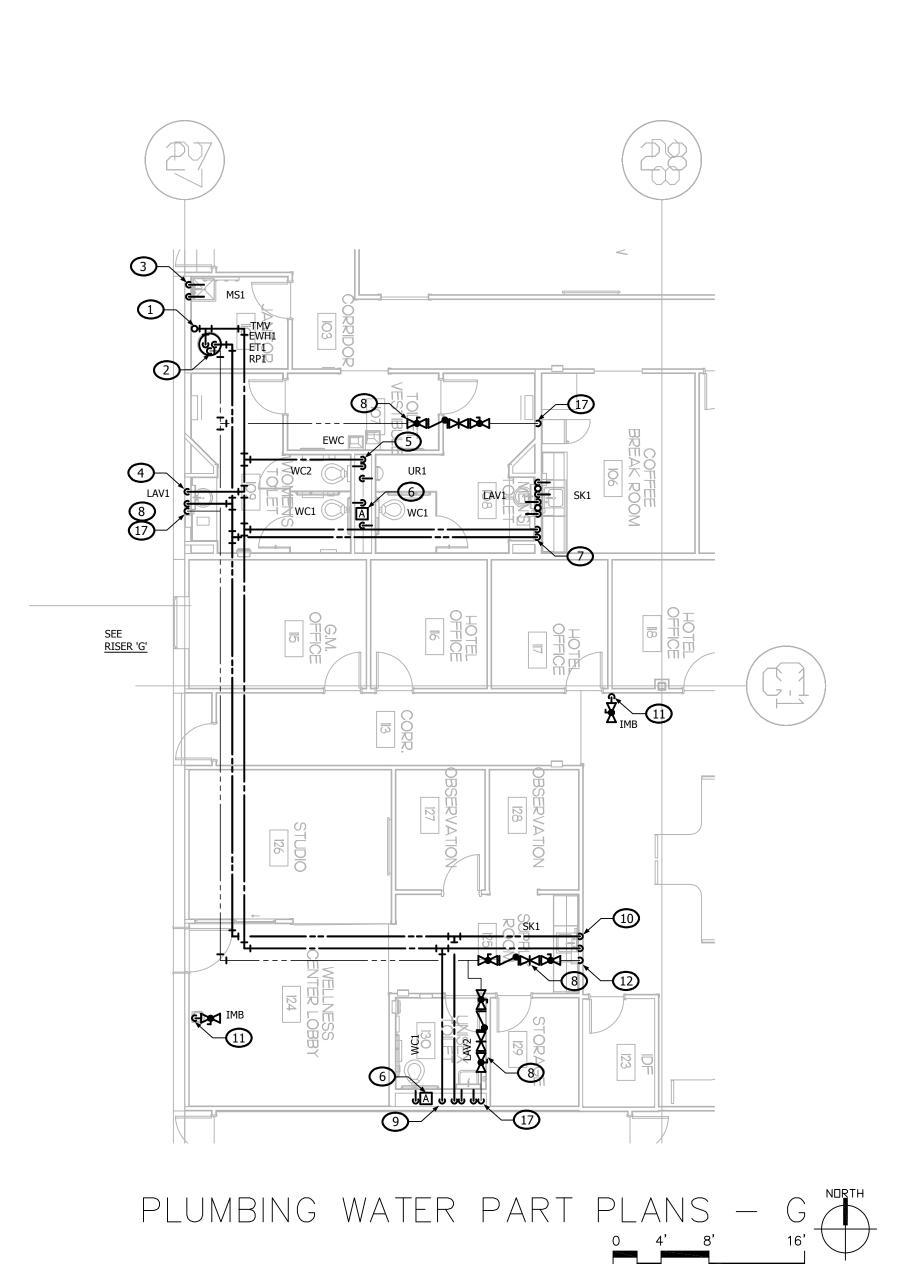
SHEET TITLE PLUMBING WATER PART PLANS

SHEET MANAGEMENT PROJECT NO.: DATE ISSUED: DRAWN BY: VARIOUS |

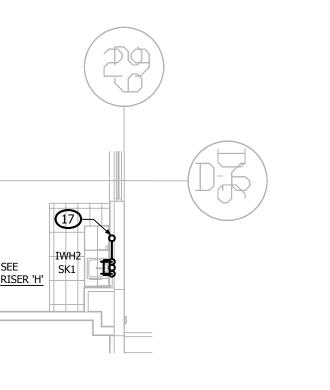
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P-204

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PLUMBING WATER PART PLANS — H SCALE: 1/8" = 1'-0"

GENERAL NOTES

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KEYED NOTES

- 1. 2-1/2" CW FROM ABOVE WITH VALVE ON RISE.
- 2. 1-1/4" CW/HW DOWN TO EWH1 MOUNTED IN PAN ON FLOOR STAND. EXTEND T&P DRAIN LINE AND PAN DRAIN LINE TO MOP SINK. PROVIDE MASTER TMV. 1" HOT WATER CIRCULATING PUMP, BALANCING VALVE AND CHECK VALVE 3. 3/4" CW/HW TO MS.
- 4. 3/4" CW/HW DOWN IN WALL WITH 1/2" CW/HW TO LAV.
- 1-1/2" CW TO UR, AND 1/2" TO EWC. PROVIDE STAINLESS STEEL WALL ACCESS PANEL FOR WATER HAMMER

5. 2-1/2" CW DOWN IN CHASE TO 2-1/2" CW HEADER WITH 2" CW TO EACH WC,

- ARRESTOR. LOCATE WATER HAMMER ARRESTOR PER MANUFACTURER'S
- 7. 3/4" CW/HW DOWN IN WALL TO 3/4" HEADER WITH 1/2" CW/HW TO LAV AND SK.
- 8. 3/4" BALL VALVE, CHECK VALVE, BALANCING VALVE, AND CHECK VALVE. 9. 2" CW DOWN IN WALL TO 2" CW HEADER WITH 2" CW TO WC AND 1/2" TO LAV.
- 3/4" HW DOWN IN WALL TO 3/4" HEADER WITH 1/2" HW OT LAV. 10. 3/4" CW/ HW DOWN IN WALL WITH 1/2" CW/HW TO SK.
- 11. 1/2" CW TO IMB FOR OWNER-PROVIDED WATER COOLER IN FINISHED SPACE.
- 12. RISE 3/4" HWR TO CEILING SPACE. ROUTE AS SHOWN.
- 13. 3/4" CW TO HB.
- 14. NEW 4" INCOMING SERVICE BELOW GRADE.
- 15. NEW WATER METER AND BACKFLOW PREVENTER. LOCATE AS PER AHJ
- REQUIREMENTS. 16. FOR CONTINUATION SEE P-110.
- 17. 3/4" CW FROM ABOVE WITH VALVE ON RISE TO 3/4" CW HEADER WITH 1/2" CW
- TO SK AND IWH. EXTEND 1/2" HW FROM IWH TO SK.
- 18. NEW BOOSTER PUMP. SEE DETAILS 5 & 6 ON P-402 FOR SPECIFICATIONS AND INSTALLATION.

ONE MUSIC SQUARE SOUTH,



APPROVAL STAMP:

SM DESIGN & CONSULTING, PC 855 Bloomfield Avenue, Suite 220 Glen Ridge, NJ 07028 Telephone 973-259-9500

www.smdcpc.com CONSULTANT

SHIRK & O'DONOVAN CONSULTING ENGINEERS

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MEP CONSULTANTS KRAEMER CONSULTING ENG PLLC

2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085 PH: 602.285.1669

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FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525 DULUTH, GA 30096 PH: 770.564.3505

HARGIS

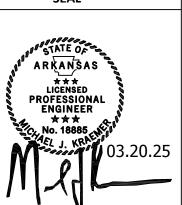
TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:



PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL





PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M**

CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION) PROJECT LOCATION



(UNINCORPORATED PARCELS) PULASKI COUNTY

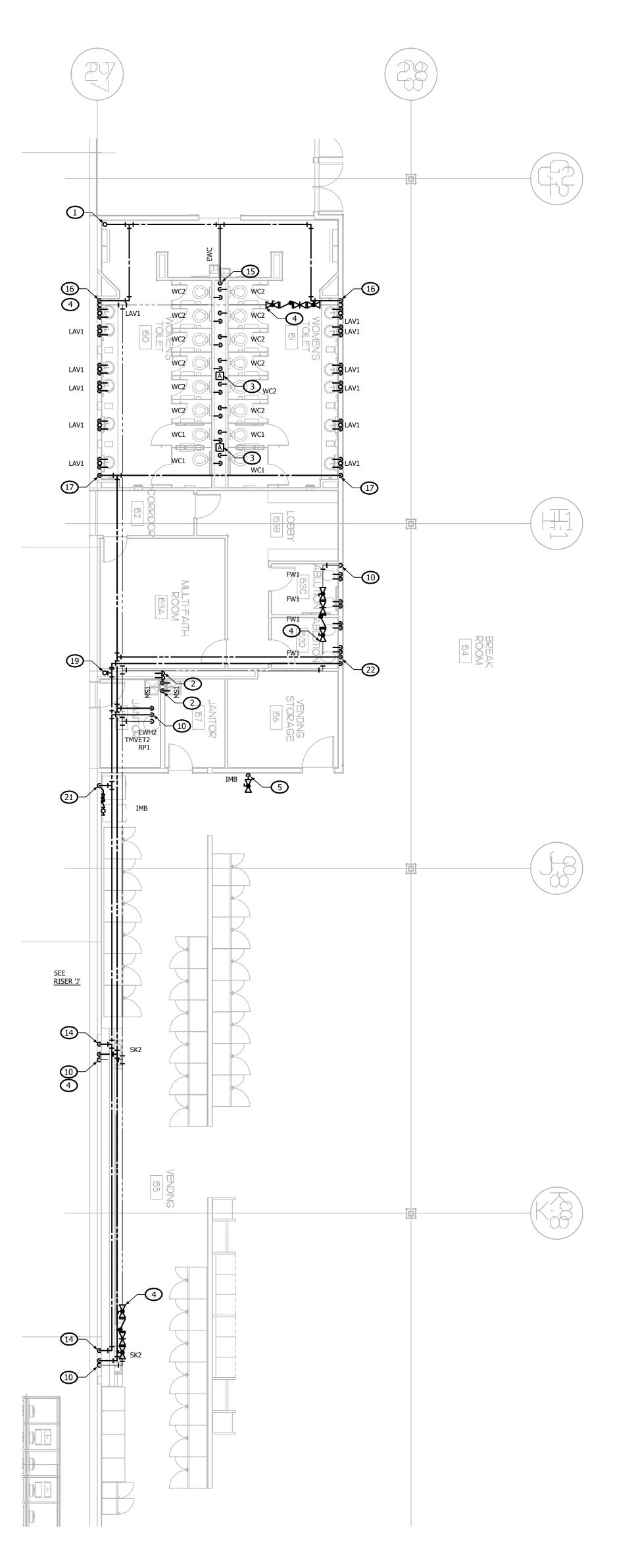
SHEET TITLE PLUMBING WATER PART PLANS

SHEET MANAGEMENT PROJECT NO.: DATE ISSUED:

DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE

PLUMBING WATER PART PLANS — I SCALE: 1/8" = 1'-0"

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GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.
- B. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR
- ORDERING MATERIALS. C. COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS

NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE

ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR

D. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS.

GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.

- E. PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH
- F. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- G. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/ HURRICANE SEASONS.

KEYED NOTES

- 1. 2-1/2" CW FROM ABOVE WITH VALVE ON RISE.
- 2. 3/4" CW/HW TO MS.
- 3. PROVIDE STAINLESS STEEL WALL ACCESS PANEL FOR WATER HAMMER ARRESTOR. LOCATE WATER HAMMER ARRESTOR PER MANUFACTURER'S REQUIREMENTS.
- 4. 3/4" BALL VALVE, CHECK VALVE, BALANCING VALVE, AND CHECK VALVE.
- 5. 1/2" CW TO IMB FOR OWNER-PROVIDED WATER COOLER IN FINISHED SPACE.
- 6. 3" CW FROM ABOVE WITH VALVE ON RISE.
- 7. 3/4" CW/HW DOWN IN WALL WITH 1/2' CW/HW TO SK.
- 8. 2" CW/HW DOWN TO EWH2 MOUNTED IN PAN ON FLOOR STAND. EXTEND T&P DRAIN LINE AND PAN DRAIN LINE TO MOP SINK. PROVIDE MASTER TMV. 1" HOT WATER CIRCULATING PUMP, BALANCING VALVE AND CHECK VALVE.
- 9. 1-1/4" CW/HW DOWN IN WALL TO 1-1/4" HEADERS WITH 1/2" CW/HW TO EACH
- 10. RISE 3/4" HWR TO CEILING SPACE. ROUTE AS SHOWN.

WILL RESULT IN ISSUES WITH WATER SUPPLY.

- 11. 3" CW DOWN IN CHASE TO 3" HEADER. PROVIDE 2" CW TO EACH WC, 1-1/2" TO EACH UR AND 1/2" TO EWC.
- 12. 3/4" TAKEOFF FOR EWC MUST TAKE PLACE IN LOCATION INDICATED AND BEFORE PLACEMENT OF WATER HAMMER ARRESTOR. ANY DEVIATION FROM THIS DESIGN
- 13. 3/4" CW DOWN IN WALL TO 1/2" CW SHUT-OFF VALVE, BACKFLOW DEVICE, AND INLINE FILTER AT ICE MAKER LOCATION. PROVIDE WATTS NO. SD-3 BACKFLOW
- 14. 3/4" CW/HW DOWN IN WALL TO SK.
- 15. 2-1/2" CW DOWN IN CHASE TO 2-1/2" HEADER WITH 2" CW TO EACH WC AND
- 16. 1-1/4" CW DOWN IN WALL TO 1-1/4" CW HEADER WITH 1/2" CW TO EACH LAV.
- RISE 3/4" HWR TO CEILING SPACE AND ROUTE AS SHOWN. 17. 1-1/4" HW DOWN IN WALL TO 1-1/4" HW HEADER WITH 1/2" HW TO EACH LAV.
- 18. 2" CW DOWN IN CHASE TO 2" HEADER WITH 1" CW TO EACH WC AND 3/4" CW TO
- 19. 2" CW FROM ABOVE WITH VALVE ON RISE.
- 20. 2" CW/HW DOWN TO EWH2 MOUNTED IN PAN ON FLOOR STAND. EXTEND T&P DRAIN LINE AND PAN DRAIN LINE TO MOP SINK. PROVIDE MASTER TMV. 3/4" HOT WATER CIRCULATING PUMP, BALANCING VALVE AND CHECK VALVE
- 1. 3/4" CW DOWN IN WALL TO 1/2" CW TO SHUT-OFF VALVE, BACKFLOW DEVICE, AND INLINE FILTER AT ICE MAKER LOCATION. PROVIDE WATTS NO. SD-3
- BACKFLOW DEVICE. 22. 1-1/4" CW/HW DOWN IN WALL TO 1-1/4" HEADERS WITH 3/4" CW/ HW TO EACH

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

APPROVAL STAMP:



Glen Ridge, NJ 07028 Telephone 973-259-9500 www.smdcpc.com

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CONSULTING ENGINEERS

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PH: 770.564.3505 HARGIS TELECOMMUNICATIONS CONSULTANTS |

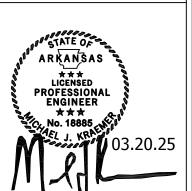
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> IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

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Pickering Firm, Inc. Engineering

Planning · Surveying PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



KCE JOB #24-240

END USER

PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M**

PROJECT LOCATION

CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)

Port of Little Rock PORT OF LITTLE ROCK (INDUSTRIAL PARK) LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE PLUMBING WATER PART PLANS

SHEET MANAGEMENT PROJECT NO. DATE ISSUED: DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE

DATE

P-206

PLUMBING WATER PART PLANS — J

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Pickering Firm, Inc.

Pickering Firm, Inc.

Engineering

Planning · Surveying

Planning · Su SITE CIVIL PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



END USER amazon

> PROJECT DESCRIPTION AMAZON LIT3
> 2026 IXD GEN5M
> CROSS-DOCK WAREHOUSE FACILITY
> (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock

PORT OF LITTLE ROCK (INDUSTRIAL PARK) LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

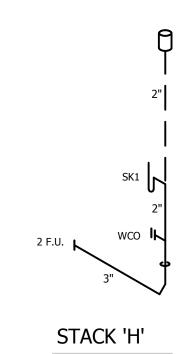
SHEET TITLE PLUMBING WASTE & VENT SCHEMATICS

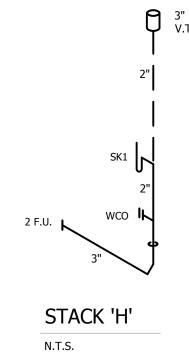
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ISSUANCE / REVISION SCHEDULE # DATE DESCRIPTION

SHEET NUMBER

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KCE JOB #24-240



PROJECT DESCRIPTION **AMAZON LIT3** 2026 IXD GEN5M
CROSS-DOCK WAREHOUSE FACILITY
(RECEIPT & REDISTRIBUTION)

PROJECT LOCATION

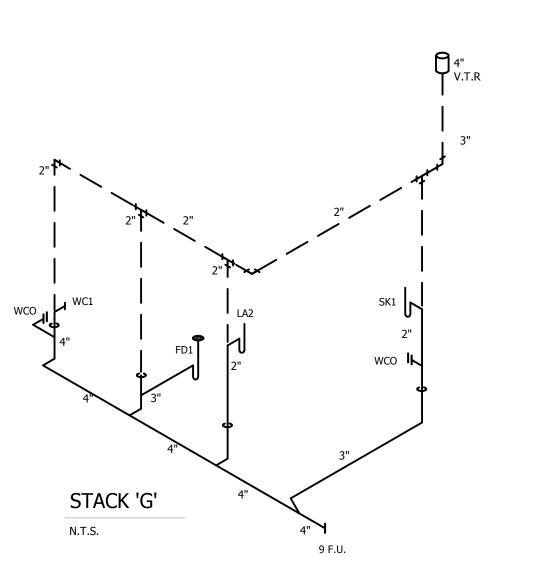


(UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE

PLUMBING WASTE & VENT SCHEMATICS

SHEET MANAGEMENT PROJECT NO.: DATE ISSUED: DRAWN BY: VARIOUS REVIEWED BY: ISSUANCE / REVISION SCHEDULE # DATE DESCRIPTION

SHEET NUMBER



STACK 'J'

SHEET NUMBER

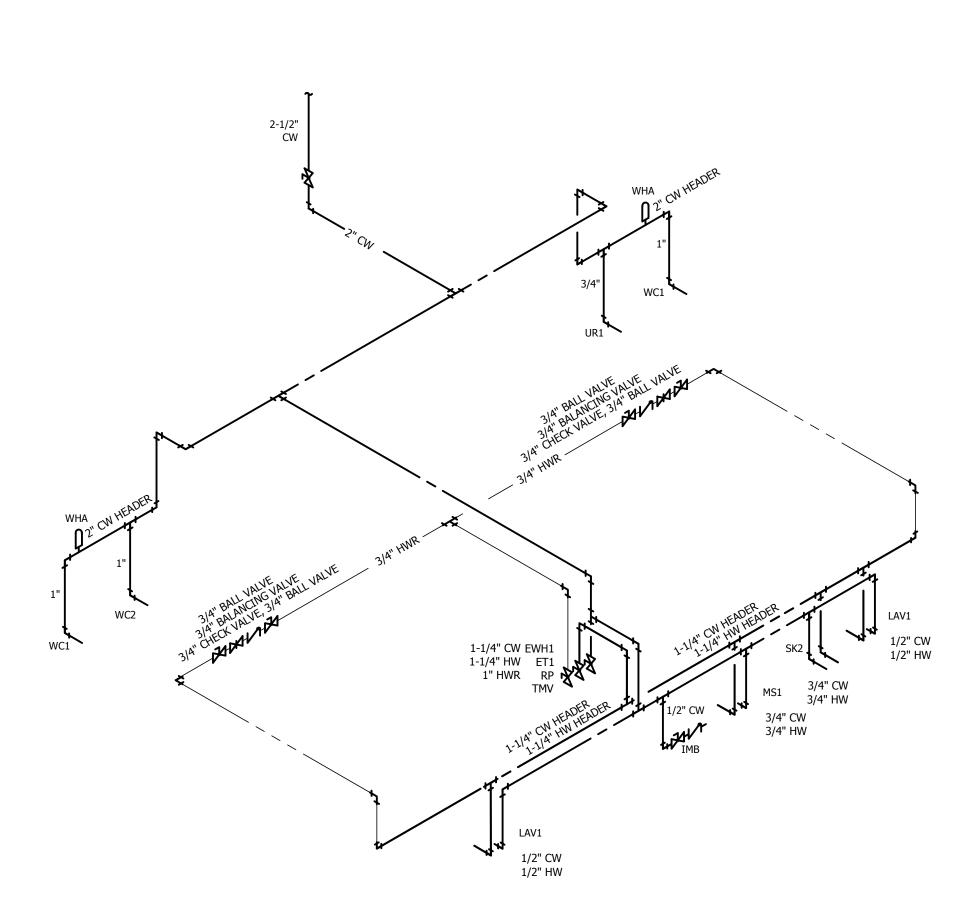
P-303

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STACK 'I'

STACK 'I'



RISER 'E'

N.T.S.

DEVELOPMENT

ONE MUSIC SQUARE SOUTH,
SUITE 110
NASHVILLE, TN 37203



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Pickering

Pickering Firm, Inc.

Pickering Firm, Inc.

Engineering

Planning · Surveying

Planning Surver SITE CIVIL PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



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amazon

PROJECT DESCRIPTION

AMAZON LIT3

2026 IXD GEN5M

CROSS-DOCK WAREHOUSE FACILITY
(RECEIPT & REDISTRIBUTION)

PROJECT LOCATION

Port of
Little Rock

PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206
(UNINCORPORATED PARCELS) PULASKI COUNTY

PLUMBING WATER SCHEMATICS

SHEET MANAGEMENT

PROJECT NO.:

DATE ISSUED:

DRAWN BY: VARIOUS

REVIEWED BY: MK

ISSUANCE / REVISION SCHEDULE

DATE DESCRIPTION

02/20/ 2025 REVIEW SET: CD 85%

03/20/ 2025 100% CD - FOR PERMIT

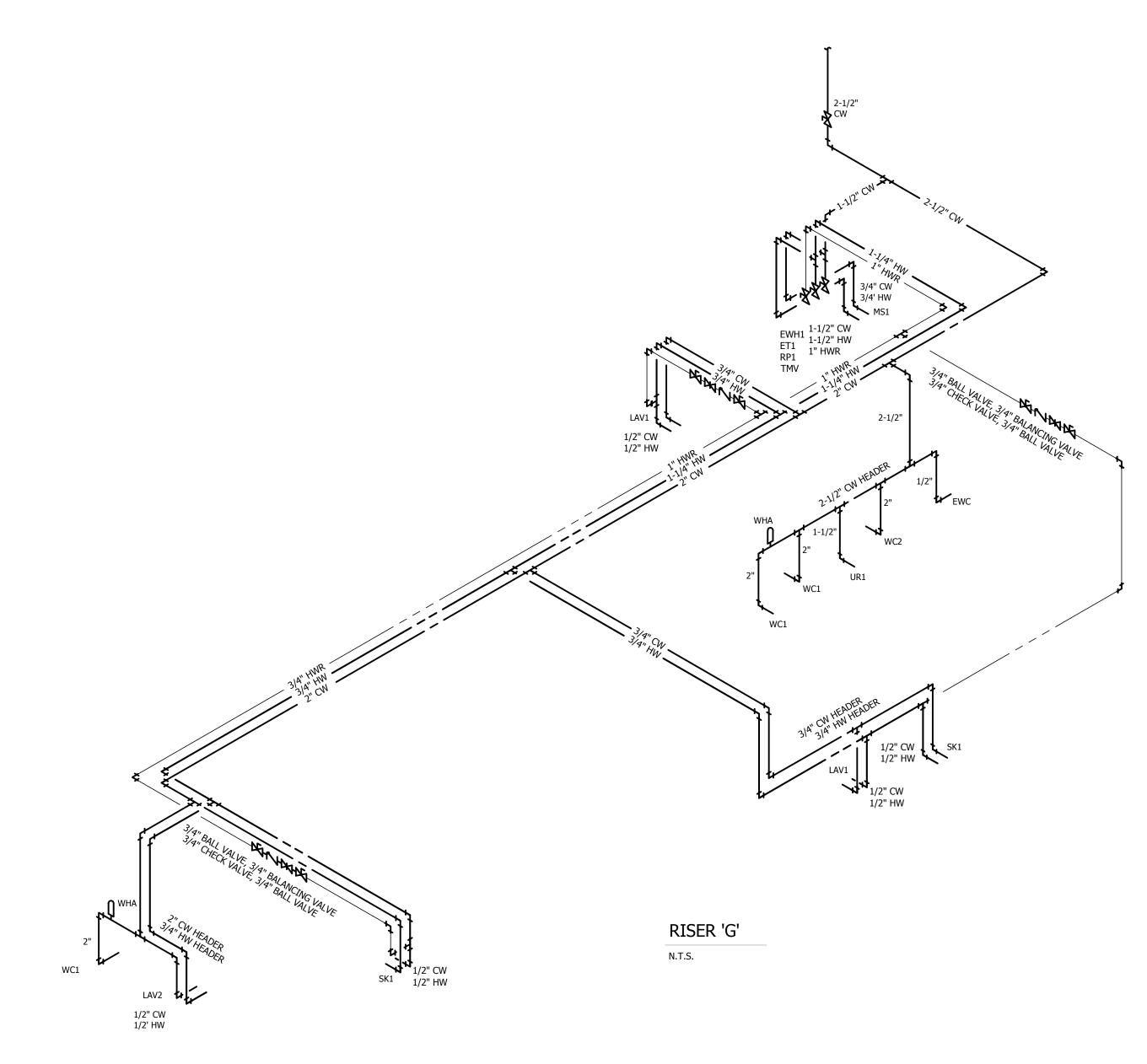
03/20/ 2025 REVIEW SET. CD 0

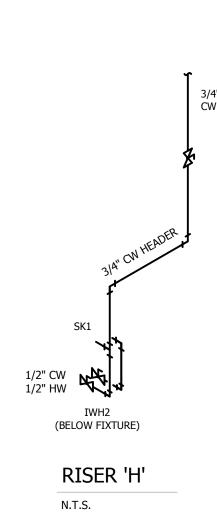
SHEET NUMBER

WHA - WATER HAMMER ARRESTOR: SIOUX CHIEF 650 SERIES PISTON-TYPE WATER HAMMER ARRESTER, COPPER TUBE, MAX WORKING PRESSURE TEMPERATURE 150°F, MAX PRESSURE 350 PSIG. ANSI/ASSE1010, 2004 CERTIFIED. THE CONTRACTOR SHALL INSTALL THE WATER HAMMER ARRESTORS IN THE PIPING SYSTEM AS REQUIRED BY THE SIZE OF THE FIXTURE LOAD. INSTALL IN AN ACCESSIBLE AREA OR PROVIDE ACCESS DOOR. SIOUX CHIEF FIXTURE FIXTURE UNIT RATING CONNECTION SIZE ARRESTOR SIZE 12 - 32 33 - 60 61 - 113 WHA5 WHA6 114 - 154 155 - 330

FOR BRANCH LINES 20'-0" OR LESS INSTALL WHA BETWEEN LAST TWO FIXTURES & FOR BRANCH LINES OVER 20'-0" TWO WHA SHOULD BE USED THE SECOND ONE

PLACE AT THE MIDPOINT OF THE LINE.





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PH: 206.448.3376 IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:



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SEAL



PROJECT DESCRIPTION **AMAZON LIT3** 2026 IXD GEN5M
CROSS-DOCK WAREHOUSE FACILITY
(RECEIPT & REDISTRIBUTION)

PROJECT LOCATION



SHEET TITLE PLUMBING WATER SCHEMATICS

(UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET MANAGEMENT					
PR	OJECT NO.:				
DA	ATE ISSUED:				
DF	RAWN BY:	VARIO			
RE	VIEWED BY:	N			
ISSUANCE / REVISION SCHEDULE					
#	DATE	DESCRIPTION			
	02/20/ 2025	DEVIEW CET: CD 950/			

SHEET NUMBER

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Pickering Firm, Inc. Engineering
Planning Surveying

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SEAL



END USER

PROJECT DESCRIPTION **AMAZON LIT3** 2026 IXD GEN5M
CROSS-DOCK WAREHOUSE FACILITY
(RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock

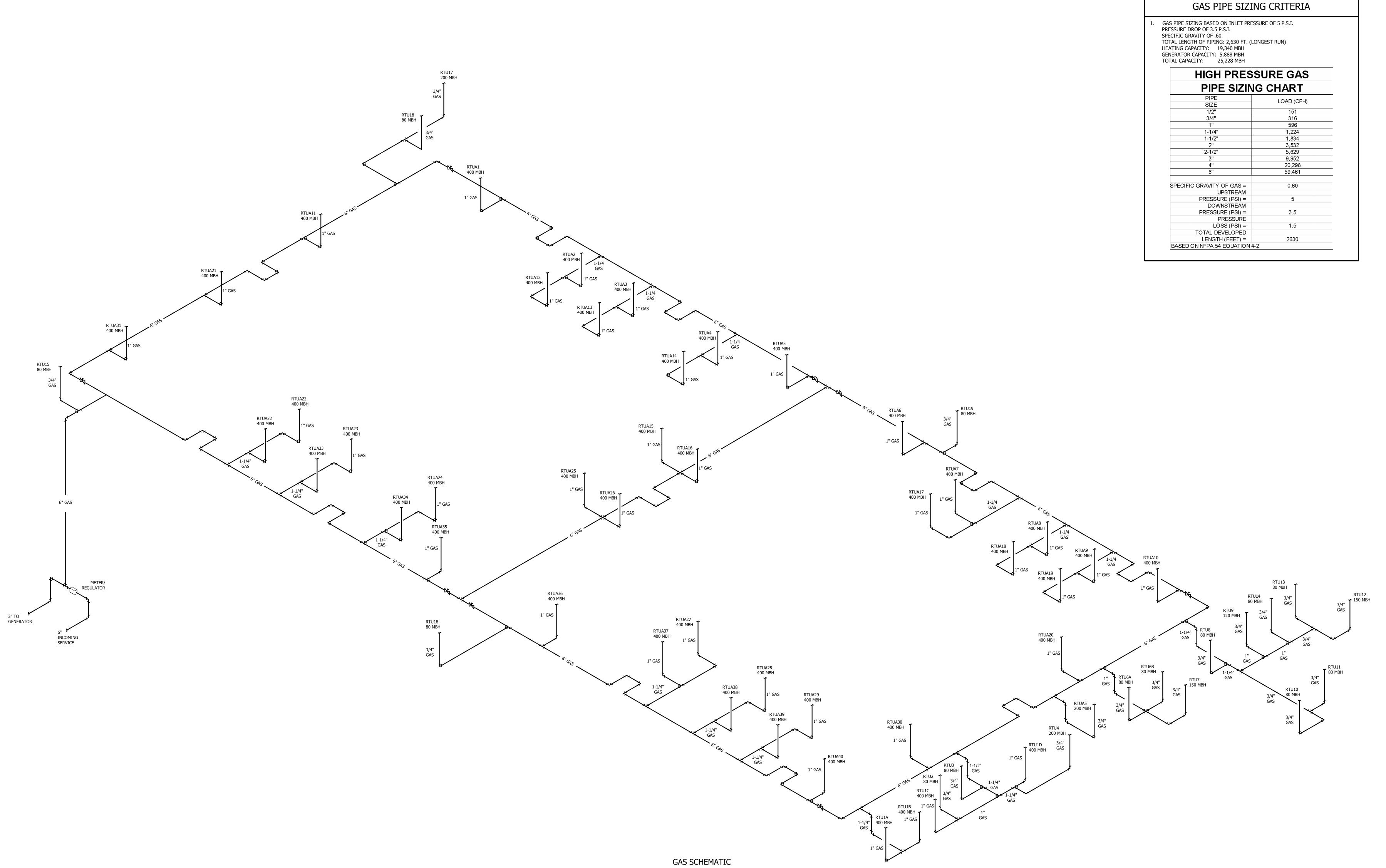
PORT OF LITTLE ROCK
(INDUSTRIAL PARK)
LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE

PLUMBING WATER SCHEMATICS

SHEET MANAGEMENT PROJECT NO.: DATE ISSUED: DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE # DATE DESCRIPTION

SHEET NUMBER



ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203



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STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN

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IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

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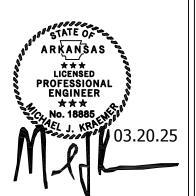
Pickering Firm, Inc.

Engineering

Planning · Surveying

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PICKERING FIRM, INC.
1700 KIRK RD, SUITE 120
LITTLE ROCK, AR 72223
PH: 501.246.3578

SEAL



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PROJECT DESCRIPTION **AMAZON LIT3** 2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY (RECEIPT & REDISTRIBUTION)

PROJECT LOCATION Port of Little Rock PORT OF LITTLE ROCK

LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY SHEET TITLE

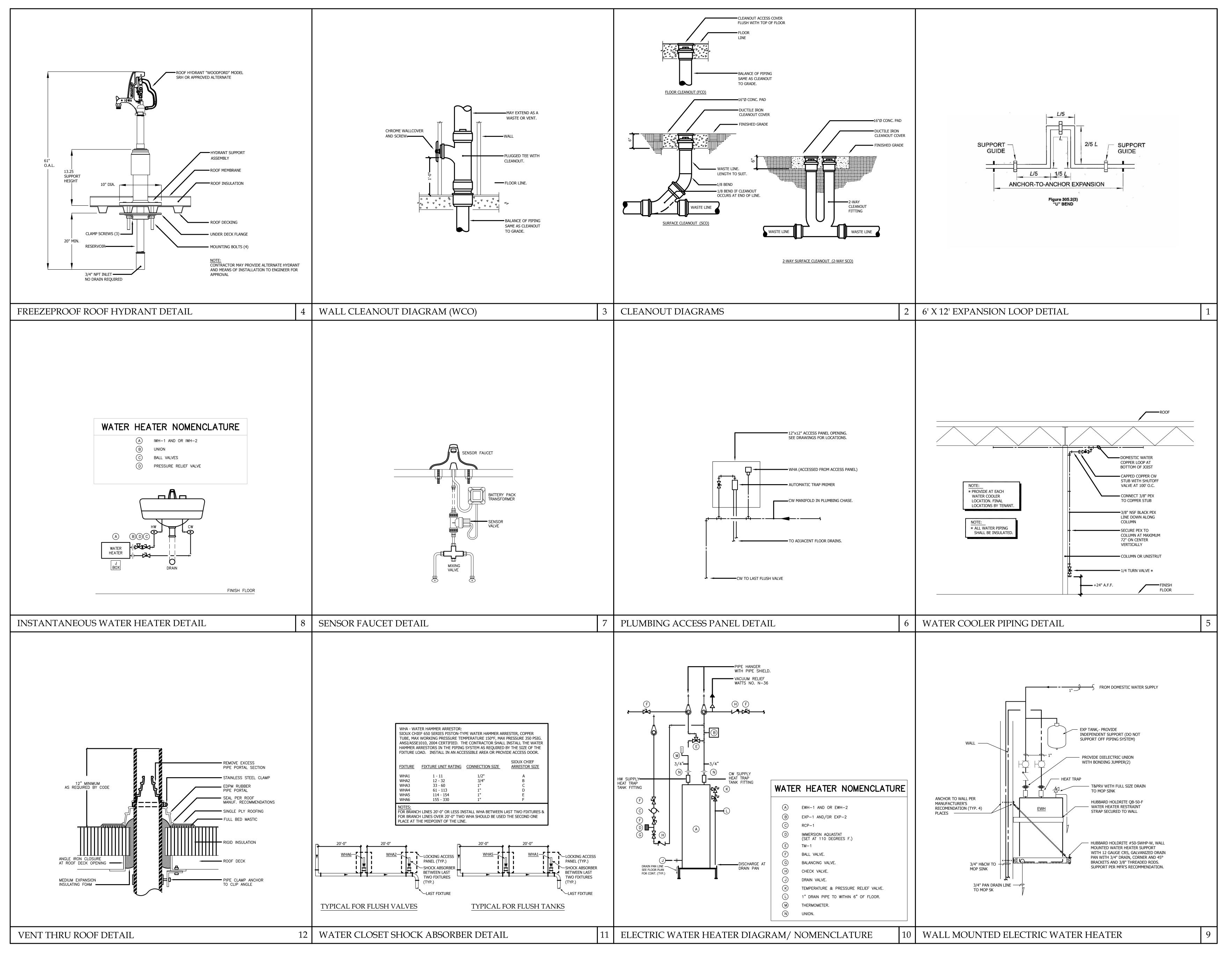
(INDUSTRIAL PARK)

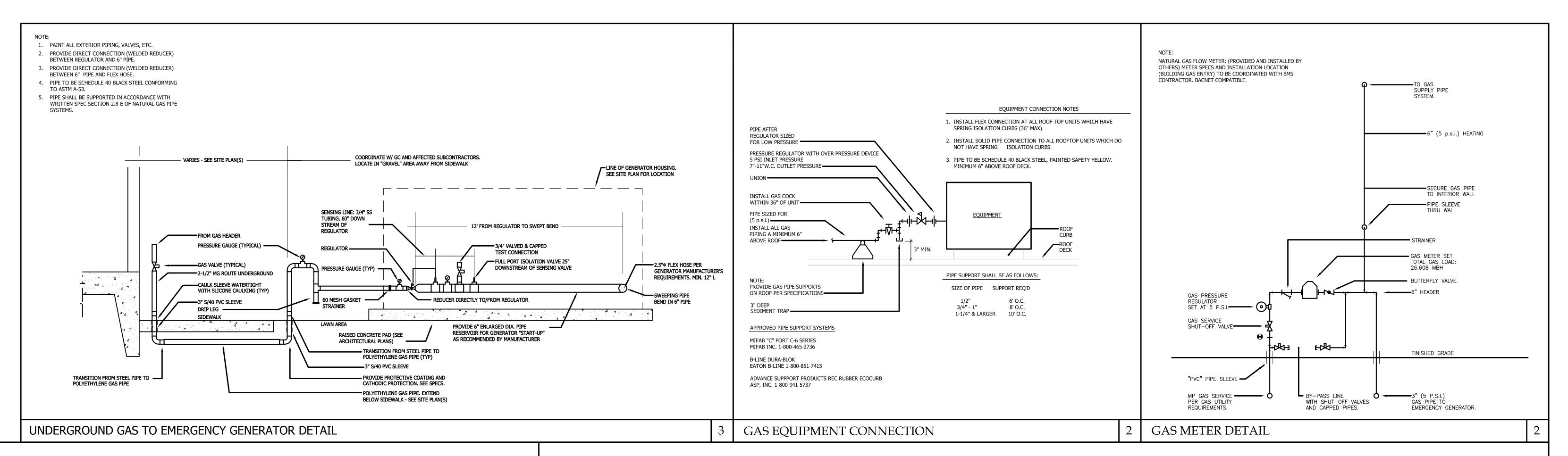
PLUMBING GAS SCHEMATICS

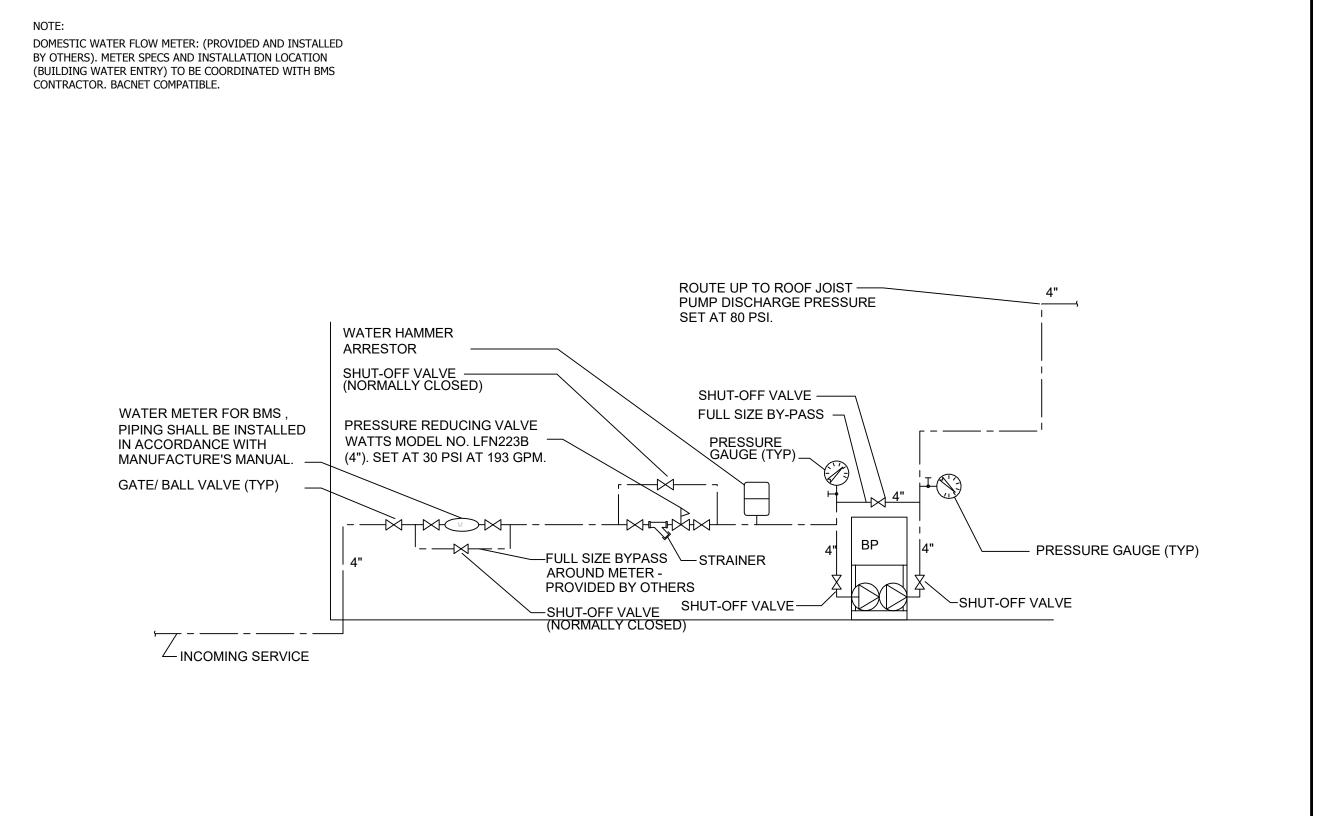
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ISSUANCE / REVISION SCHEDULE # DATE DESCRIPTION

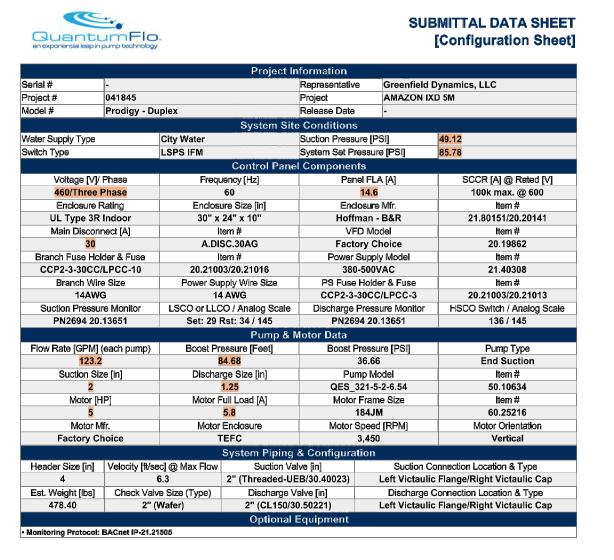
SHEET NUMBER P-307





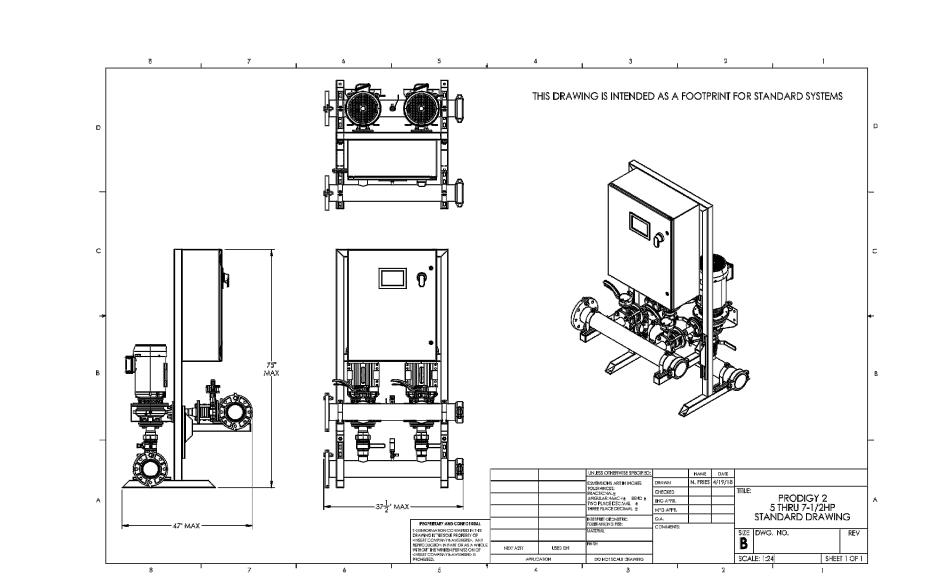


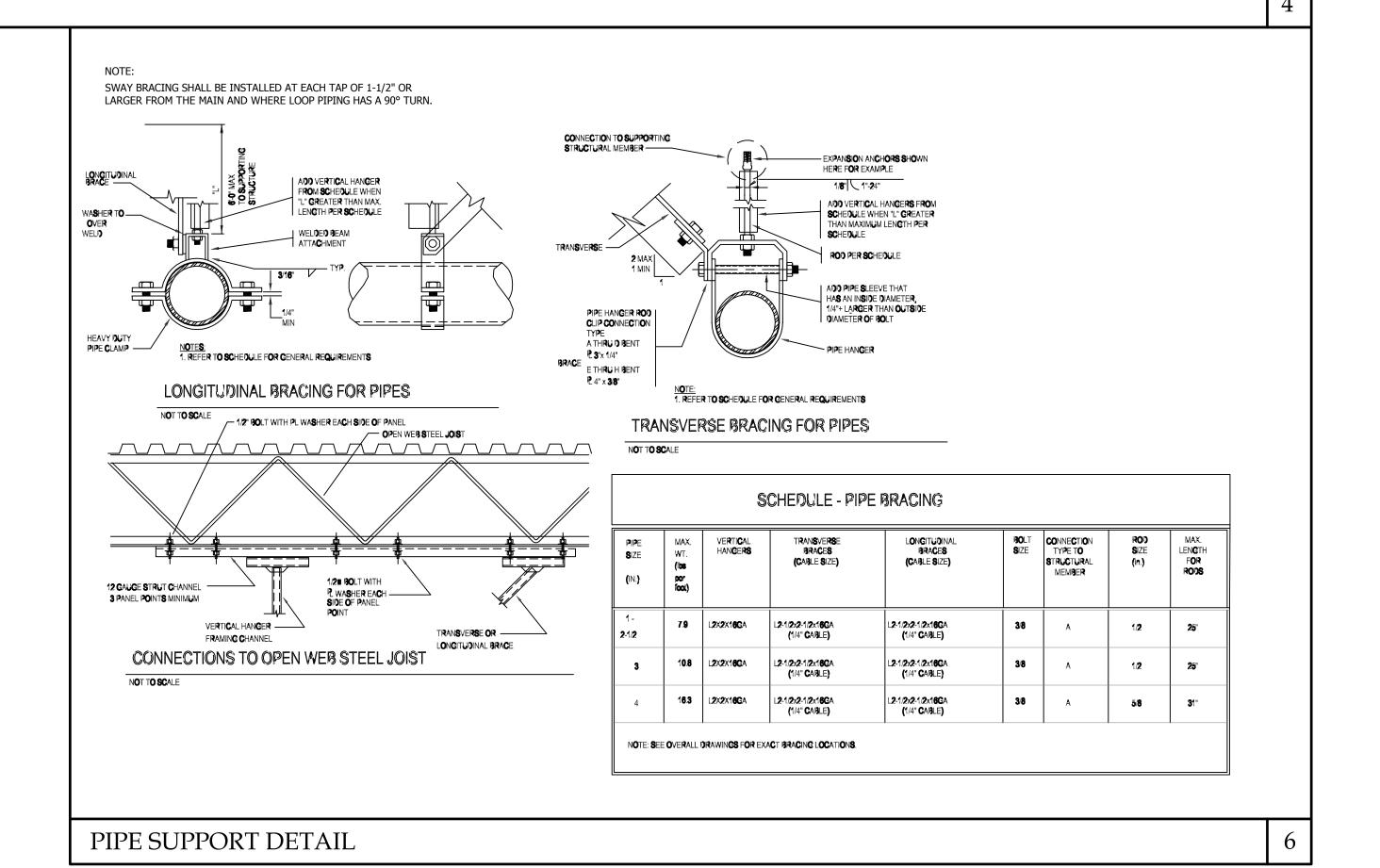
INCOMING WATER SERVICE DETAIL



Sanford, FL 32771, USA

BOOSTER PUMP DETAIL









CONSULTANT SHIRK & O'DONOVAI

Telephone 973-259-9500

www.smdcpc.com

STRUCTURAL CONSULTANTS SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC 370 EAST WILSON BRIDGE ROAD WORTHINGTON, OH 43085

PH: 614.436.6465 MEP CONSULTANTS

KRAEMER CONSULTING ENG PLLC 2050 W. WHISPERING WIND DR, STE 158 PHOENIX, AZ 85085 PH: 602.285.1669

harrington Atlanta, GA . Charlotte, NC FIRE PROTECTION CONSULTANTS HARRINGTON GROUP, INC 3237 SATELLITE BOULEVARD, SUITE 525

DULUTH, GA 30096 PH: 770.564.3505 HARGIS

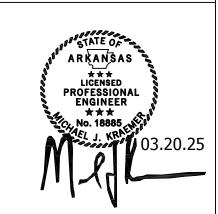
TELECOMMUNICATIONS CONSULTANTS HARGIS ENGINEERS, INC 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: 206.448.3376

> IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:

Pickering Pickering Firm, Inc. Engineering Planning · Surveying

SITE CIVIL PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223 PH: 501.246.3578

SEAL



KCE JOB #24-240 **END USER**

amazon

PROJECT DESCRIPTION AMAZON LIT3 **2026 IXD GEN5M CROSS-DOCK WAREHOUSE FACILITY** (RECEIPT & REDISTRIBUTION)

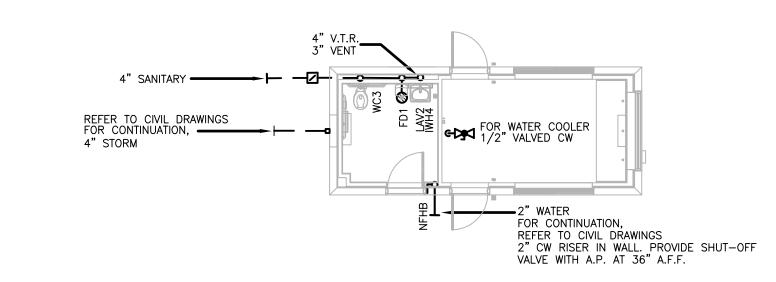
PROJECT LOCATION **▶** Port of PORT OF LITTLE ROCK (INDUSTRIAL PARK) LITTLE ROCK, ARKANSAS 72206

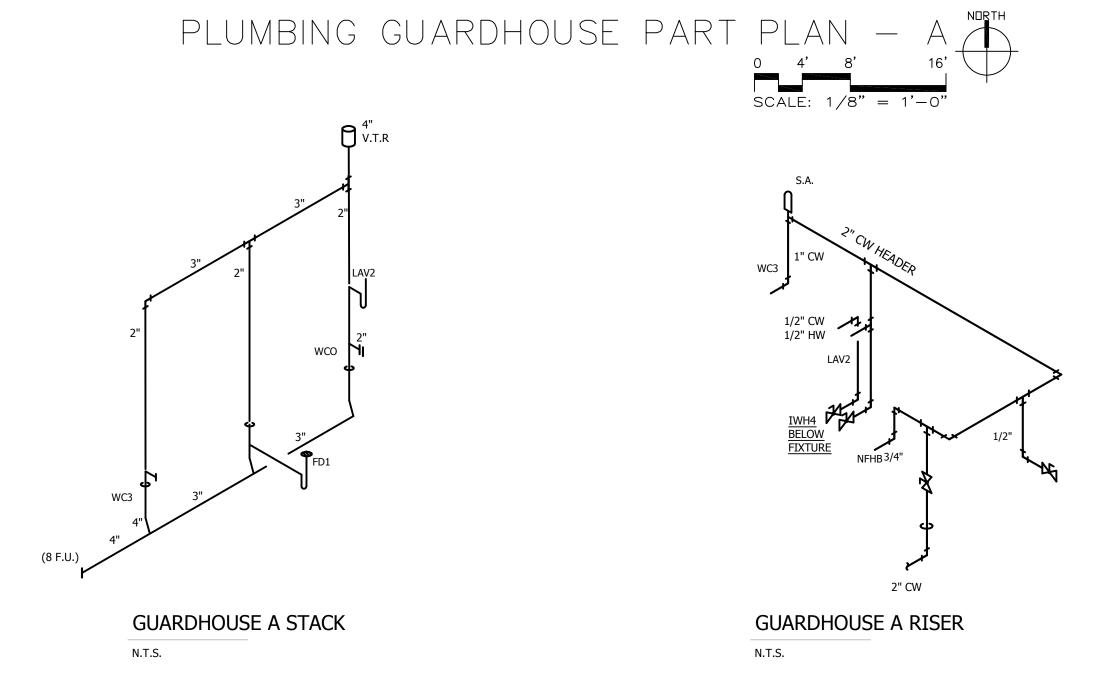
> SHEET TITLE PLUMBING DETAILS

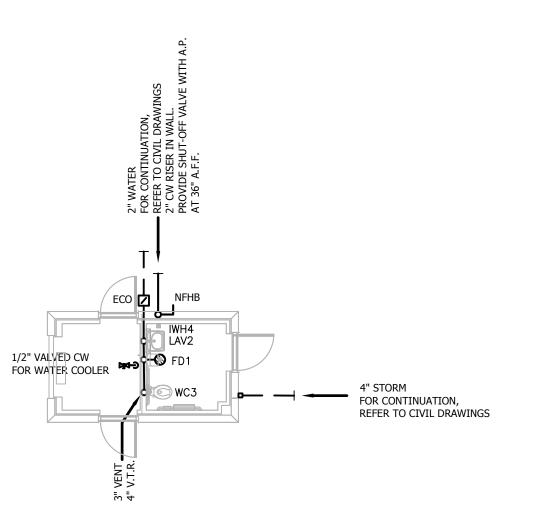
(UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET MANAGEMENT PROJECT NO. DATE ISSUED: VARIOUS DRAWN BY: REVIEWED BY: ISSUANCE / REVISION SCHEDULE # DATE DESCRIPTION

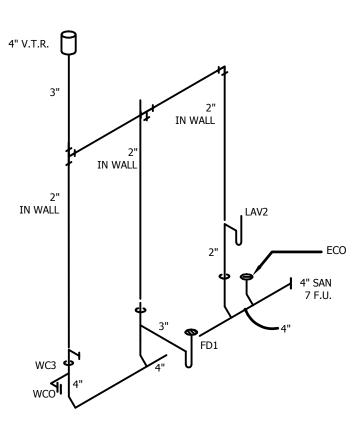
> **SHEET NUMBER** P-402

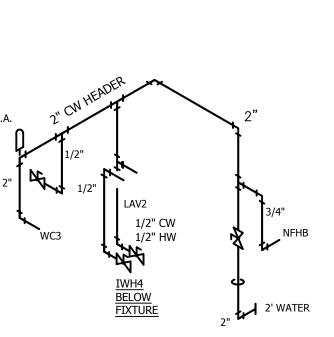






PLUMBING GUARDHOUSE PART PLAN - B SCALE: 1/8" = 1'-0"





GUARD BUILDING B STACK N.T.S.

GUARD BUILDING B RISER N.T.S.

GENERAL NOTES

A. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST ARKANSAS PLUMBING CODE AND CITY OF LITTLE ROCK AMENDMENTS.

3. COORDINATE ALL WORK WITH OTHER TRADES BEFORE BEGINNING WORK OR ORDERING MATERIALS.

COORDINATE UNDERGROUND PIPING INSTALLATION WITH EXISTING STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE

ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND/ OR

GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED. . REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING FIXTURES. DO NOT SCALE THE PLUMBING DRAWINGS.

PROVIDE CLEANOUTS AS SHOWN ON THE PLUMBING DRAWINGS AND IN ACCORDANCE WITH THE LATEST PLUMBING CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF CLEANOUTS IN FINISH SPACES WITH

DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

. ALL STORM DRAINAGE SHALL TIE DIRECTLY INTO THE UNDERGROUND STORM WATER SYSTEM TO PREVENT CHALLENGES TO OPERATIONS DUE TO EXCESSIVE WATER ISSUES IN THE LAUNCH AREAS DURING RAINY/ HURRICANE SEASONS.

ONE MUSIC SQUARE SOUTH, SUITE 110 NASHVILLE, TN 37203

APPROVAL STAMP:

ARCHITECTS SM DESIGN & CONSULTING, PC 855 Bloomfield Avenue, Suite 220 Glen Ridge, NJ 07028

Telephone 973-259-9500 www.smdcpc.com

CONSULTANT SHIRK & O'DONOVAN CONSULTING ENGINEERS

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harrington S

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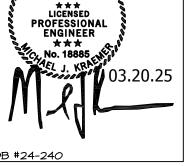
IN COORDINATION WITH DEVELOPER'S CONSULTANT WORKING IN PARALLEL:



PICKERING FIRM, INC. 1700 KIRK RD, SUITE 120 LITTLE ROCK, AR 72223

PH: 501.246.3578

SEAL



END USER

PROJECT DESCRIPTION **AMAZON LIT3 2026 IXD GEN5M**

(RECEIPT & REDISTRIBUTION) PROJECT LOCATION

CROSS-DOCK WAREHOUSE FACILITY



SHEET TITLE

LITTLE ROCK, ARKANSAS 72206 (UNINCORPORATED PARCELS) PULASKI COUNTY

PLUMBING GUARD HOUSE PLANS

SHEET MANAGEMENT PROJECT NO. DATE ISSUED: DRAWN BY: VARIOUS | REVIEWED BY:

ISSUANCE / REVISION SCHEDULE # DATE DESCRIPTION

SHEET NUMBER