A. AMERICAN STANDARD (KOHLER, ZURN)

D. CHICAGO FAUCET, (MOEN, ZURN, T&S BRASS)

LEGEND

DBL DOUBLE
ES ELECTRONIC SENSOR (120V)

ADA HANDICAP ACCESSIBLE

BPW BOTTOM OUTLET COUNTERTOP

FLOOR SET FV | FLUSH VALVE SGL SINGLE

SINGLE LEVER SENSOR OPERATED STAINLESS STEEL TMV THERM. MIXING VALVE UCM UNDERCOUNTER MOUNTED

DESCRIPTION

WATER CLOSET/ WH/ SO CONCEALED FV/ 1.28GPF/

B1 LAVATORY/ UNDERMOUNT/ SO FAUCET/ .5 GPM/ ADA

LAVATORY/ UNDERMOUNT/ SO FAUCET/ .5 GPM/

B3 LAVATORY/ WH/ SO FAUCET/ .5 GPM/ ADA

C1 URINAL/ WH/ SO CONCEALED FV/ .5 GPF

D1 MOP BASIN/ FS/ 24"x24"x10"/ 5.5 GPM

F1 SINK/ SS/ CT/ SGL COMP.

C2 URINAL/ WH/ SO CONCEALED FV/ .5 GPF/ ADA

G1 WATER COOLER/ WH/ BI-LEVEL/1.2 GPM/ ADA

1. VERIFY MOUNTING HEIGHT OF FIXTURE WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.

3. FIXTURE AND INSTALLATION SHALL CONFORM TO ADA REQUIREMENTS FOR THE HANDICAPPED.

CONTRACTOR. ONE TRANSFORMER CHICAGO #242.659.001 (OR APPROVED EQUAL) SERVES UP TO 8 FAUCETS.

M1 AUTOMATIC SOAP DISPENSER SYSTEM

WH WALL HUNG

A1 WATER CLOSET/ WH/ SO CONCEALED FV/ 1.28GPF

B. SLOAN (ZURN, DELANEY)

C. BEMIS (OLSONITE, CHURCH)

6. PROVIDE IN-LINE CHECK VALVE IN EACH FAUCET SUPPLY. 7. COLOR SELECTION BY ARCHITECT.

8. COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.

FIXTURE SCHEDULE NOTES:

9. REFER TO THE DRAWINGS FOR DISPENSER TANK QUANTITIES AND EXACT NUMBER OF LAVATORIES SERVED BY EACH. PROVIDE 5.8 GALLON BULK TANK FOR MULTIPLE DISPENSERS AS SHOWN ON THE DRAWINGS. PROVIDE TWO TOTO# TSFB1 (OR APPROVED EQUAL) PACKAGES OF SOAP AFTER INITIAL FILLING

10. FIXTURE SERVED BY CENTRAL SOAP DISPENSING SYSTEM "M1".

5. PROVIDE CHROME PLATED BRASS NIPPLE(S) TO WALL.

	EQUIPMENT SCHEDULE						
XX	SCHEDULE NOTES 1. PROVIDE ROUGH-IN. 2. INSTALL ALL "LOOSE" COMPONENTS 3. PROVIDE ALL NECESSARY SUPPLIES, STOPS, TRAPS & ALL INDIRECT WASTE. 4. MAKE ALL FINAL CONNECTIONS.		(120°	H.W. (140° F)	I-POTABLE WASTE -	SC	WASTE - INTAKE
MAF	DESCRIPTION						WAS
SE1	SEWAGE EJECTOR PUMP, LITTLE GIANT #WRS-9EN, 4/10 HP, 115V				1	.5" 1	.5"
TP1	TRAP PRIMER, PRECISION PLUMBING PRODUCTS #P0005 OREGON #1, PROVIDE MANIFOLD TO ACCOMMODATE MULTIPLE DRAINS	.5"					
WH1	INSTANTANEOUS WATER HEATER, EEMAX #SP-SL-4.6KW-240V-20AMP-0.5 GPM TO HEAT 65 DEGREE TEMPERATURE RISE	.5"	.5"				
WH1	INSTANTANEOUS WATER HEATER, EEMAX #SP-DL-9.5KW-240V-40AMP-1.0 GPM TO HEAT 65 DEGREE TEMPERATURE RISE	.5"	.5"				

PLUMBING FIXTURES

WASTE & VENT

1.25" | 1.5" | 1.5" | 1.5" | 1.5"

1.25" | 1.5" | 1.5" | 1.5" | 1.5"

1.25" | 1.5" | 1.5" | 1.5" | 1.5"

2" INT 2" 2" 1.5"

2" | INT | 2" | 2" | 1.5"

3" 3" 3" 1.5"

1.5" | 1.5" | 1.5" | 1.5" | 1.5"

1.5" | 1.5" | 1.5" | 1.5" | 1.5"

2. SENSOR OPERATED AUTOMATIC FLUSHING SYSTEM FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE POWER SUPPLY TO THE TRANSFORMER AND WIRE (24V) FROM TRANSFORMER TO ALL SENSOR UNITS. COORDINATE ALL WORK WITH ELECTRICAL CONTRACTOR. ONE TRANSFORMER SLOAN #EL-154 (OR APPROVED EQUAL) SERVES UP TO 10 WATER CLOSET/URINALS.

4. SENSOR OPERATED AUTOMATIC FAUCET FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE POWER SUPPLY TO THE TRANSFORMER AND WIRE (12 V) FROM TRANSFORMER TO ALL SENSOR UNITS. COORDINATE ALL WORK WITH THE ELECTRICAL

J. TOTO (BOBRICK, KOHLER)

L. ELKAY (T&S BRASS, ZURN)

SUPPLY TRIM

152 ES-S TMO

D 116.102.AB.1

D 116.102.AB.1

ES-S

63M D 897-RCF D UNIT

9141.029 D 116.102.AB.1

SUPPLY/STOP

UNIT

UNIT

2165CCLK

2165CCLK

2165CCLK

UNIT

UNIT

LR2522 D 1100-L9ABCP E 2165LK E 155AECO E 8912CBECO

H EZSTL8WSLK H UNIT E 2167CC H UNIT E C8912CECO

WASTE TRIM

UNIT

UNIT

155AECO

155AECO

155AECO

UNIT

UNIT

G UNIT

TRAP/FIX. DR.

INT

8912CBECO

8912CBECO

E 8912CBECO

K. TOTO (NO EQUALS)

2634.001

2634.001

0614.300

0630.000

K UT104EV B

TES2ADC-05 TES3ADC-12

UT104EV B

CATALOG NUMBERS INDICATED ARE THOSE OF THE FIRST NAMED MANUFACTURER IN EACH CATEGORY LISTED BELOW - ADDITIONAL MANUFACTURERS ARE LISTED IN PARENTHESIS

E. McGUIRE (EBC, ZURN)

F. TRUEBRO (SLOAN, ZURN)

SUPPLY

15" TO RIM

17" TO RIM

SEE ARCH DWGS

SEE ARCH DWGS

34" TO RIM

21" TO LIP

17" TO LIP

36" TO FAUCET 0.5" 0.5"

43" HIGH 36" LOW 0.5"

SEE NOTES

OF ALL DISPENSER TANKS AND BULK TANKS. PROVIDE MOUNTING BRACKETS/SHELF OFF WALLS, AS REQUIRED. FOR INSTALLATION AS INDICATED.

G. MUSTEE (STERN WILLIAMS, ZURN)

H. ELKAY (HALSEY TAYLOR, OASIS)

	PLUMBING GENERAL NOTES
1.	REFER TO SCHEDULES, DETAILS AND DIAGRAMS FOR PIPING, PIPE SIZES NOT
2.	INDICATED ON THE FLOOR PLANS. LOCATIONS AND SIZES OF EXISTING PIPING HAVE BEEN DETERMINED FROM A REVIEW OF EXISTING DRAWINGS AND/OR SITE INSPECTION. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS, ELEVATIONS, INVERTS, SIZES,
3.	DIRECTION OF FLOW, ETC. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THE PLUMBING SYSTEM AS PER THE STATE PLUMBING CODE AND APPLICABLE LOCAL CODES.
4.	PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR SAW CUTTING, PATCHING AND REPAIR OF ALL WALLS, FLOORS, AND CEILINGS AS REQUIRED FOR THE PERFORMANCE OF HIS WORK. PATCHING AND REPAIR SHALL MATCH EXISTING ADJACENT SURFACES OR MATCH THE QUALITY OF ADJACENT NEW WORK SURFACES.
5.	PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXCAVATION AND BACKFILLING REQUIRED FOR BELOW GRADE / SLAB WORK, ASSOCIATED WITH HIS PORTION OF WORK.
6.	CONTRACTOR SHALL COORDINATE THE PLANNING AND INSTALLATION OF HIS WORK WITH ALL OTHER TRADES PRIOR TO AND DURING ALL PHASES OF CONSTRUCTION.
7.	PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED FOR HIS WORK UNDER THIS CONTRACT.
8.	CONTRACTOR SHALL NOT SCALE THE CONTRACT DOCUMENTS FOR THE PURPOSE OF OBTAINING FINAL MEASUREMENTS. COORDINATE WITH ARCHITECTURAL PLANS AND ACTUAL FIELD CONDITIONS.
9.	CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING OF HIS WORK AREA AT THE CONCLUSION OF EACH WORKING DAY.
10.	REMOVAL OF PIPING, EQUIPMENT AND FIXTURES SHALL INCLUDE ALL MISCELLANEOUS APPURTENANCES SUCH AS HANGERS, SUPPORTS, WIRING, INSULATION, ETC. THAT WILL BECOME OBSOLETE UNDER THE NEW WORK. PIPING SHALL BE REMOVED TO IT'S NEAREST MAIN AND CAPPED.
11.	ALL ROOF REPAIR WORK SHALL BE ACCOMPLISHED BY A CONTRACTOR AUTHORIZED TO WORK ON THE TYPE OF ROOF. REPAIR WORK SHALL NOT COMPROMISE THE INTEGRITY OF THE ROOF AND ANY EXISTING WARRANTY.
12.	PLANS TO BE CONSIDERED DIAGRAMMATIC AND ALONG WITH SPECIFICATIONS, REFLECT A MINIMUM ACCEPTABLE STANDARD. ALL WORK SHALL CONFORM TO THE STATE PLUMBING CODE AND THE AMERICANS WITH DISABILITIES ACT GUIDELINES.
13.	WHEN A CONFLICT BETWEEN PLANS AND SPECIFICATIONS OR NOTES OCCURS. THE ENGINEER SHALL DECIDE WHICH GOVERNS. GENERALLY, THE MORE RESTRICTIVE, MORE SPECIFIC, OR STRICTER PROVISION SHALL GOVERN. IF ANY DISCREPANCIES ARE DISCOVERED ON THE PLANS OR BETWEEN THE PLANS AND THE SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND OBTAIN CLARIFICATION OF THE INTENT FROM THE ENGINEER PRIOR TO CONSTRUCTION OR INSTALLATION OF PROPOSED IMPROVEMENTS.
14.	REFER TO ARCHITECTURAL DRAWINGS AND INTERIOR ELEVATIONS FOR EXACT LOCATIONS, FIXTURE HEIGHTS AND ACCESSIBILITY REQUIREMENTS.
15. 16.	REFER TO ARCHITECTURAL PLANS FOR PROJECT PHASING REQUIREMENTS. ALL REMOVED MATERIAL AND EQUIPMENT, DESIGNATED BY OWNER, SHALL BE TURNED OVER AND PLACED WHERE DIRECTED. ALL MATERIAL AND EQUIPMENT, WHICH THE OWNER DOES NOT WISH TO RETAIN, SHALL BECOME THE PROPERTY OF THE CONTRACTOR RESPONSIBLE FOR REMOVAL.
17.	ALL PIPING SHALL BE REMOVED BACK TO ACTIVE MAINS AND CAPPED, OR REMOVED BACK TO POINTS OF CONNECTION IN NEW WORK. INACCESSIBLE PIPING TO BE ABANDONED, SHALL BE DISCONNECTED FROM ACTIVE SYSTEMS AND CAPPED OR PLUGGED IN CONCEALED LOCATIONS.

12

MISC.

1655SSCT

1655SSCT

ROUGH G T-35, V-70, T-40 6

1,2,3

3,4,5,10

4,5,10

3,4,5,10

1,2

1,2,3

13

SAN—SANITARY PIPING STM—STAM—STORM PIPING PPD—PRESSURE DISCHARGE PIPING NG—NATURAL GAS PIPING DOMESTIC COLD WATER PIPING BALL VALVE CHECK VALVE BACKFLOW PREVENTER PIPE CAP PIPE UP PIPE DOWN FLOW ARROW POINT OF NEW CONNECTION KEYNOTE DESIGNATION ADA AMERICAN WITH DISABILITIES ACT AFF ABOVE FINISHED FLOOR CO CLEANOUT CW DOMESTIC COLD WATER EXIST EXISTING FCO FLOOR CLEANOUT FD FLOOR DEAIN HW DOMESTIC HOT WATER LV LAVATORY MB MOP BASIN NG NATURAL GAS NTS NOT TO SCALE OD OVERFLOW DRAIN RD ROOF DRAIN RD ROOF DRAIN SAN SANITARY SD STORM DRAIN SK SINK SS SANITARY STACK STIM TYP. TYPICAL UR URINAL VR VENT STACK	SYMBOL	DESCRIPTION
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SS SANITARY STACK STM STORM TP TRAP PRIMER TYP. TYPICAL UR URINAL VR VENT RISER		
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TYP. TYPICAL UR URINAL VR VENT RISER		
UR URINAL VR VENT RISER		
VR VENT RISER		
VERTROCK		
vo VENT STACK		
VTD		
VTR VENT THRU ROOF		
WC WATER CLOSET		
WCO WALL CLEANOUT		WALL CLEANOUT
WH WATER HEATER		WATER HEATER
WS WATER SERVICE WTC WATER COOLER		WATER SERVICE

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PLUMBING INDEX OF DRAWINGS								
SHEET NUMBER	SHEET NAME							
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P-101	RESTROOM PLAN - NEW WORK							
P-102	FLOOR & ROOF PLAN AREA "A" - NEW WORK							
P-103	FLOOR PLAN AREA "B" - NEW WORK							
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	APPROVED SUPPLIERS - J.R. SMITH, JOSAM, WATTS, ZURN					_		S. COATED	S STEEL					LE L			0			ONZE	_		S STEEL	LANGE	CLAMP	VAGE	(ET	INER	PAN	CLAMP	1ER	SCHED. NOTES
MARK	JR. SMITH CATALOG NOS .	FLOOR	YARD	WALL	DECK	CAST IRON	BRASS	ACID RESIS.	STAINLESS	SIZE	BOTTOM	SIDE	SIZE	ADJUSTABLE	FLAT	DOME	RECESSED	FUNNEL	HINGED	NICKEL-BRONZE	CAST IRON	ALUMINUM	STAINLESS	ANCHOR FLANGE	FLSHG. CL	DBL. DRAINAGE	SED. BUCKET	AUX. STRAINER	BEARING F	U'DECK CL	TRAP PRIMER	SEE DRAIN
FD1	2005-A	*				*				3"	*		7" RD.	*	*					*				*	*	*	*		*	*	*	
FCO	4031 (ADJUSTABLE)	*				*				4"	*		7" DIA.		*					*												1
OD1	ZURN, #Z163				*	*					*		15" DIA.			*						*										
RD1	ZURN, #Z163				*	*					*		15" DIA.			*						*										
wco	4422 SS COVER			*						4"		*											*									

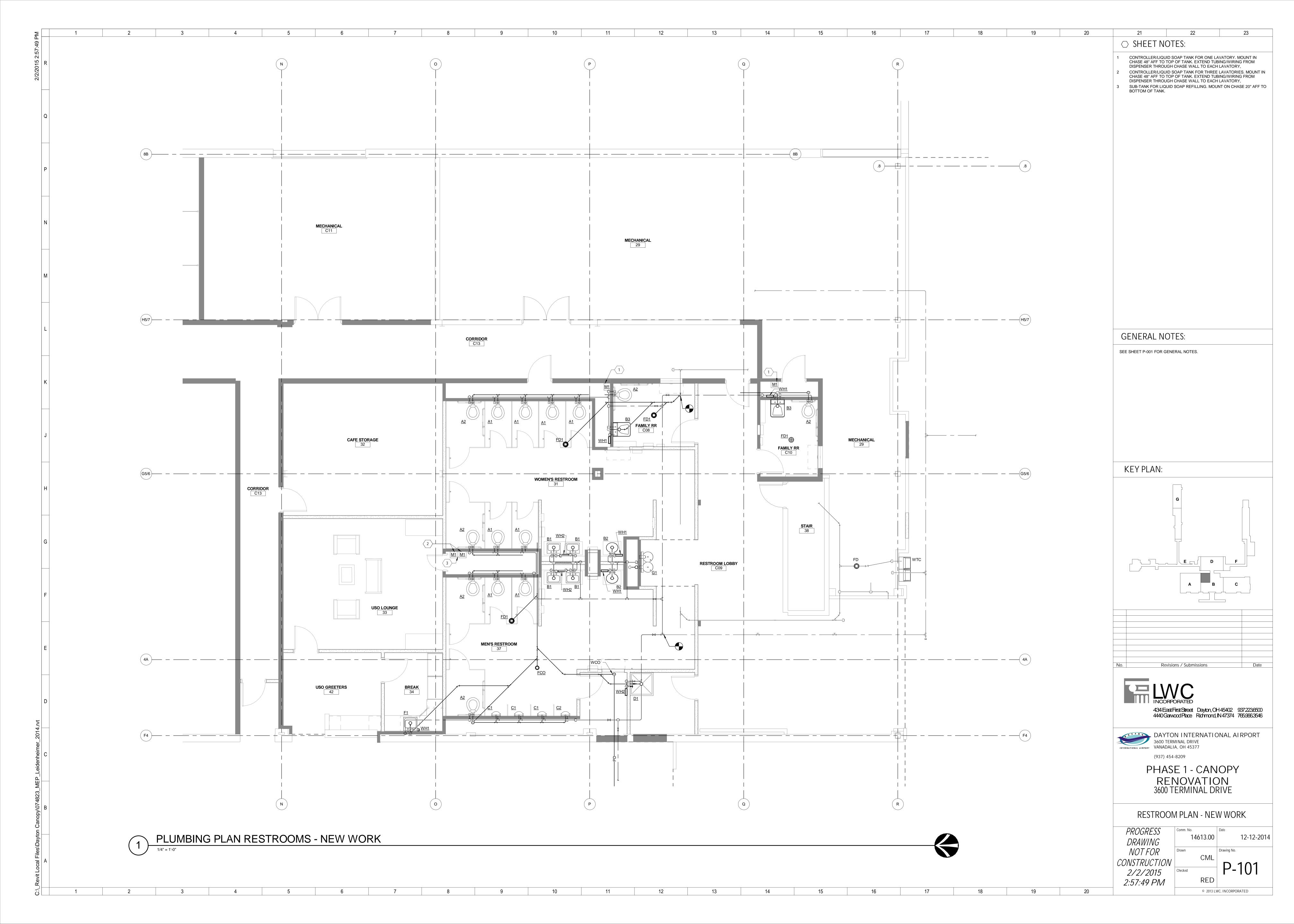
Revisions / Submissions 434 East First Street Dayton, OH 45402 937 223 6500 4440 Garwood Place Richmond, IN 47374 765.966.3546

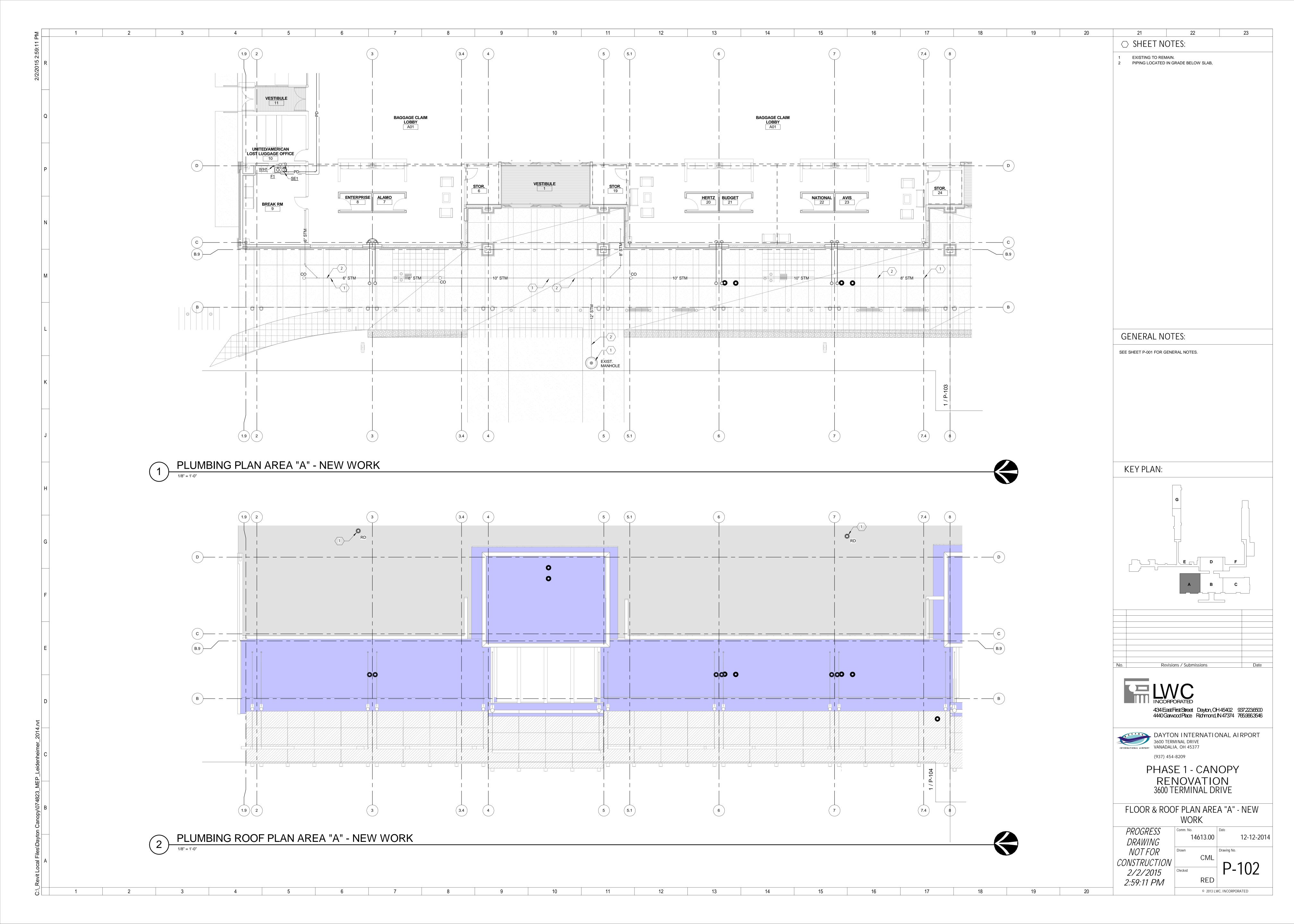


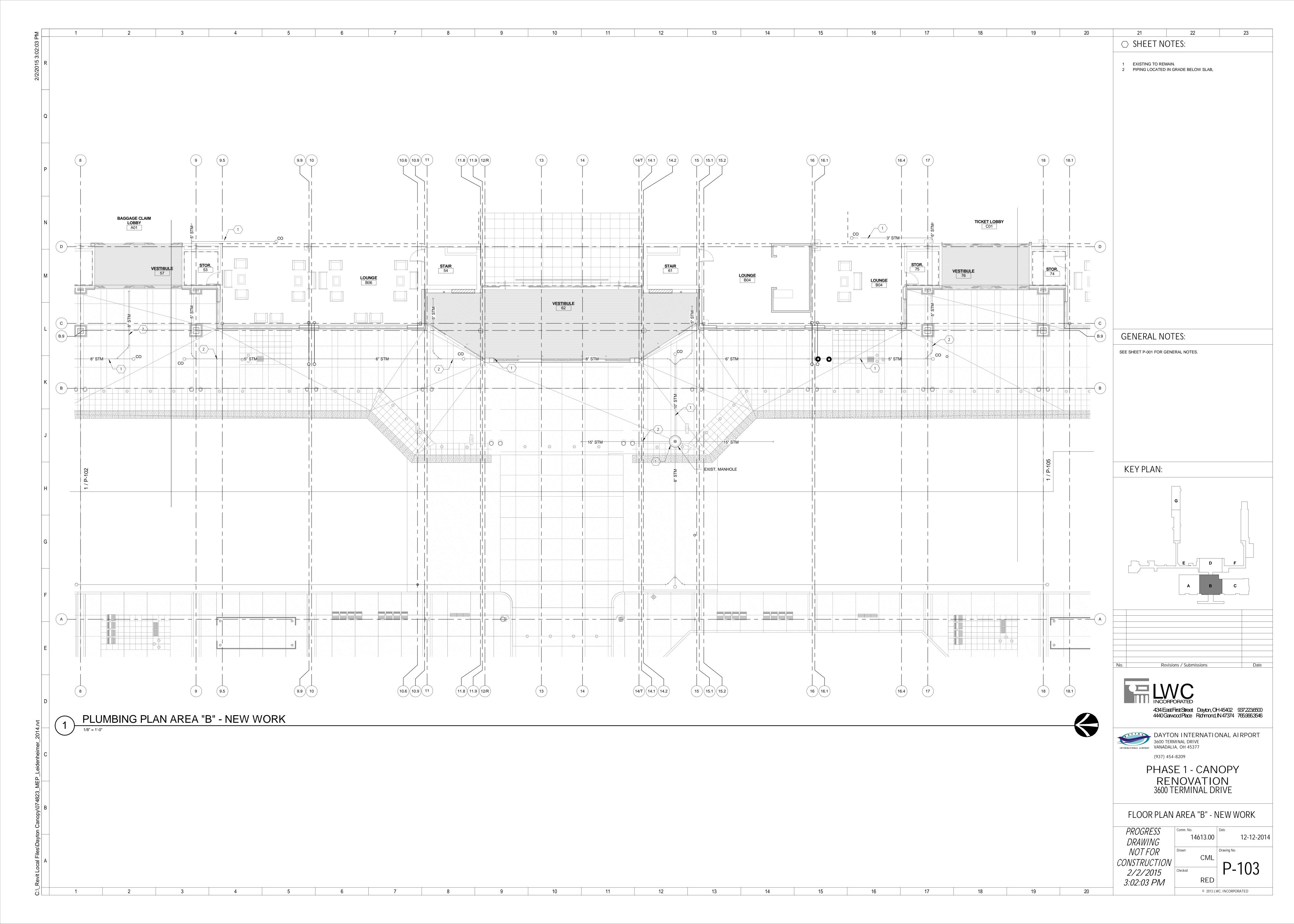
(937) 454-8209 PHASE 1 - CANOPY RENOVATION 3600 TERMINAL DRIVE

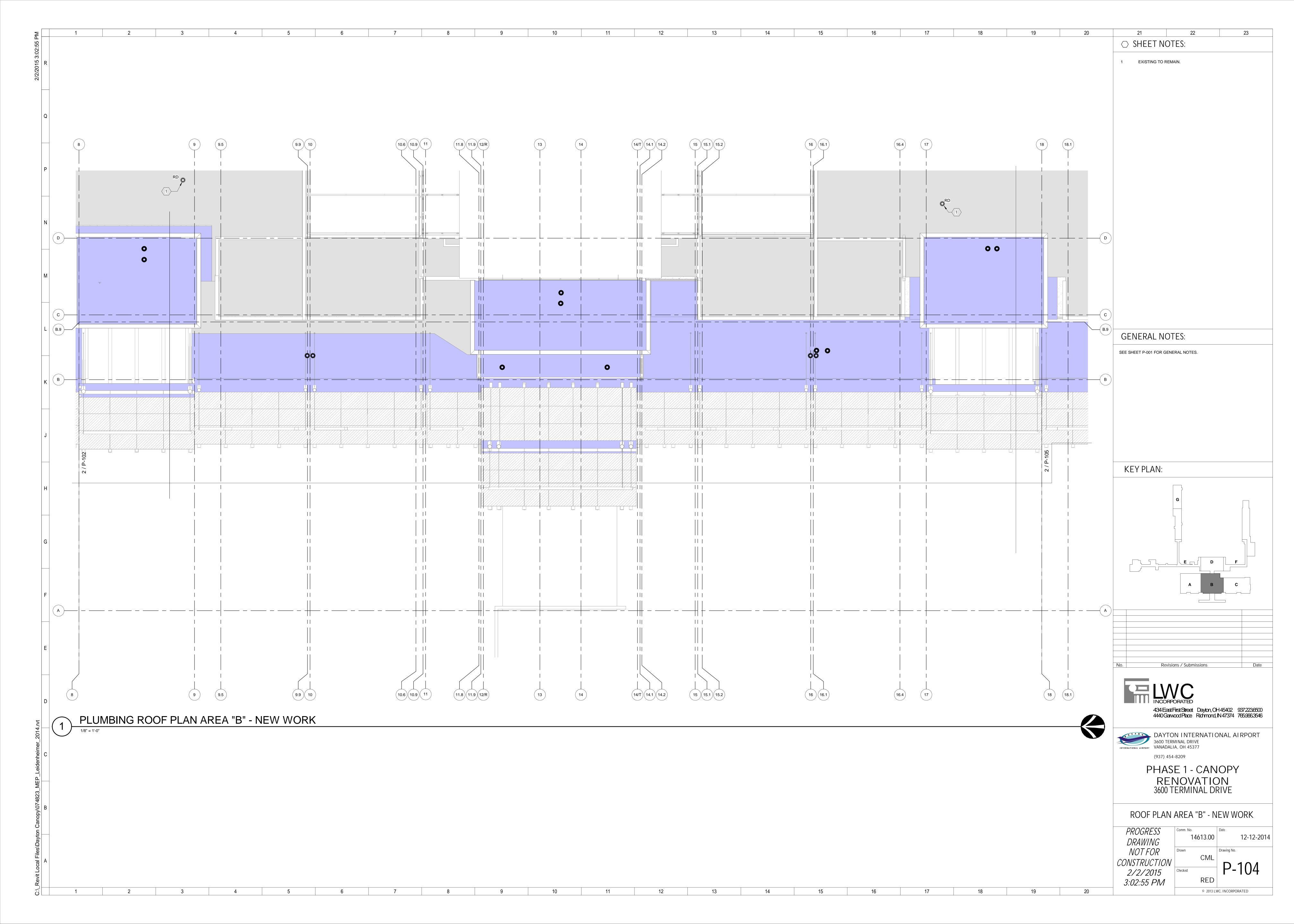
PLUMBING LEGEND, NOTES & SCHEDULES

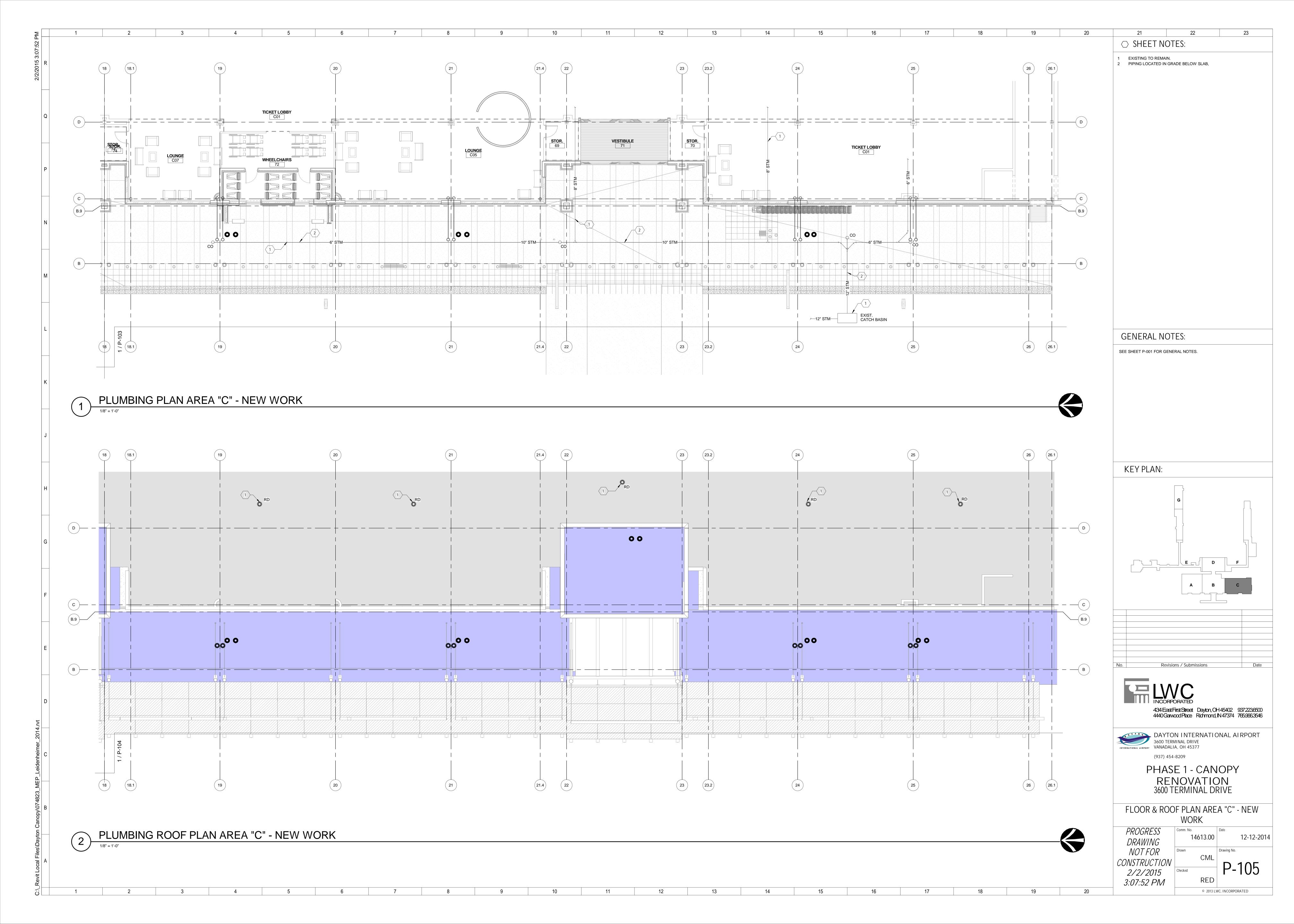
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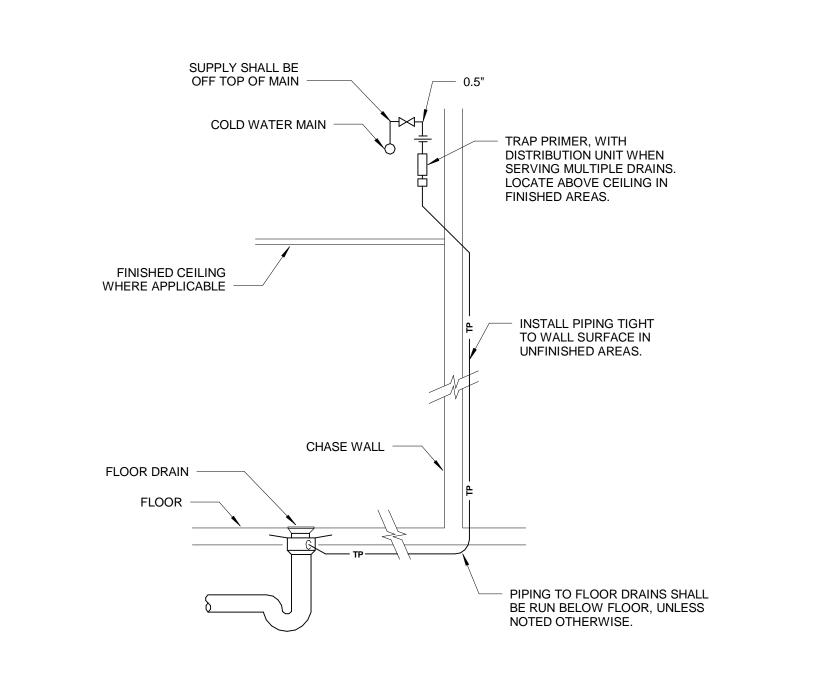












NOTE: 1. ROOF DRAIN AND OVERFLOW DRAIN AREA A PACKAGED ASSEMBLY.

2. SEE ARCHITECTURAL DRAWINGS,
SPECIFICATIONS, AND DRAWING SCHEDULES FOR ADDITIONAL INFORMATION. - ALUMINUM DOME ALUMINUM DOME ____ 2" DAM (OVERFLOW UNIT) - ROOF DECK (NOTE: DECK TYPES MAY VERY) - ROOFING MATERIAL (MATERIALS MAY VERY) TOP-SETDECK PLATE CAST IRON ROOF DRAIN BODY - SELF TAPPING SCREW (8 MIN.) UNDERDECK CLAMP (OPTIONAL) -RUBBER GASKET RUBBER GASKET - DRAIN BODY INSULATION - PIPE INSULATION C.I. OVERFLOW RAIN CONDUCTOR -C.I. OVERFLOW RAIN CONDUCTOR -

12

13

ANCHOR STORM PIPING TO STRUCTURE, ABOVE CEILING

INSULATED STORM PIPE

CLEAR ELASTOMERIC SEALANT AROUND PIPE AND INTERIOR OF DOWNSPOUT COVER

DOWNSPOUT COVER (DSC)

SUPPORT PIPING FROM PIPE SUPPORT WITH U-BOLT AND BASE PLATE STAND ASSEMBLY, ANCHORED TO FLOOR.

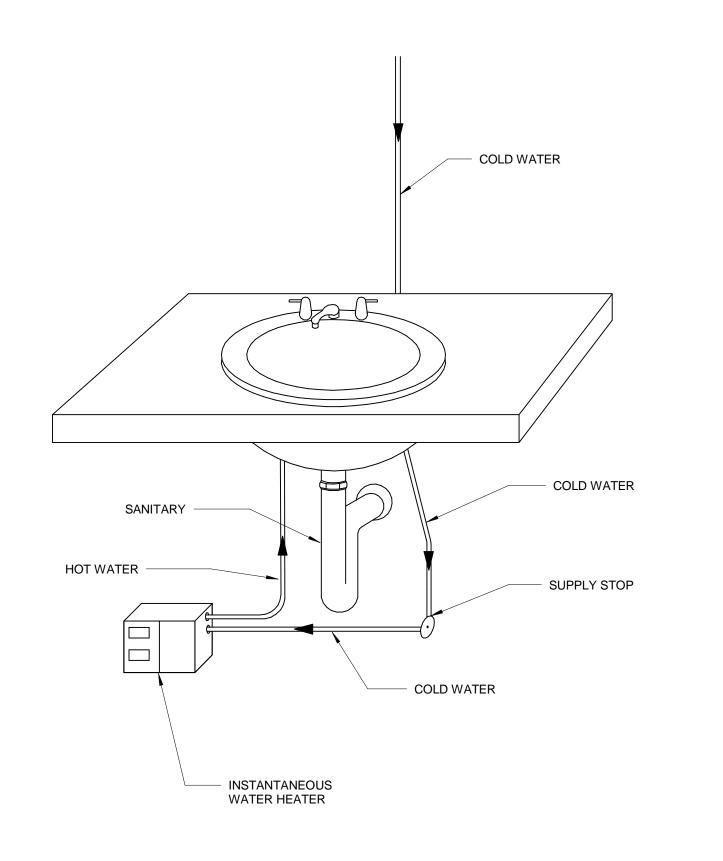
19

TRAP PRIMER DETAIL

2 ROOF DRAIN/OVERFLOW DRAIN DETAIL
3" = 1'-0"

ROOF DRAIN OVERFLOW OUTLET DETAIL

3" = 1'-0"



INSTANTANEOUS WATER HEATER DETAIL

1 1/2" = 1'-0"



Revisions / Submissions

DAYTON INTERNATIONAL AIRPORT
3600 TERMINAL DRIVE
VANADALIA, OH 45377

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PHASE 1 - CANOPY
RENOVATION
3600 TERMINAL DRIVE

PLUMBING DETAILS

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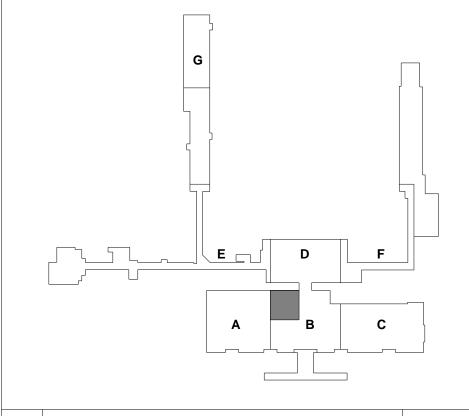
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WATER ISOMETRIC





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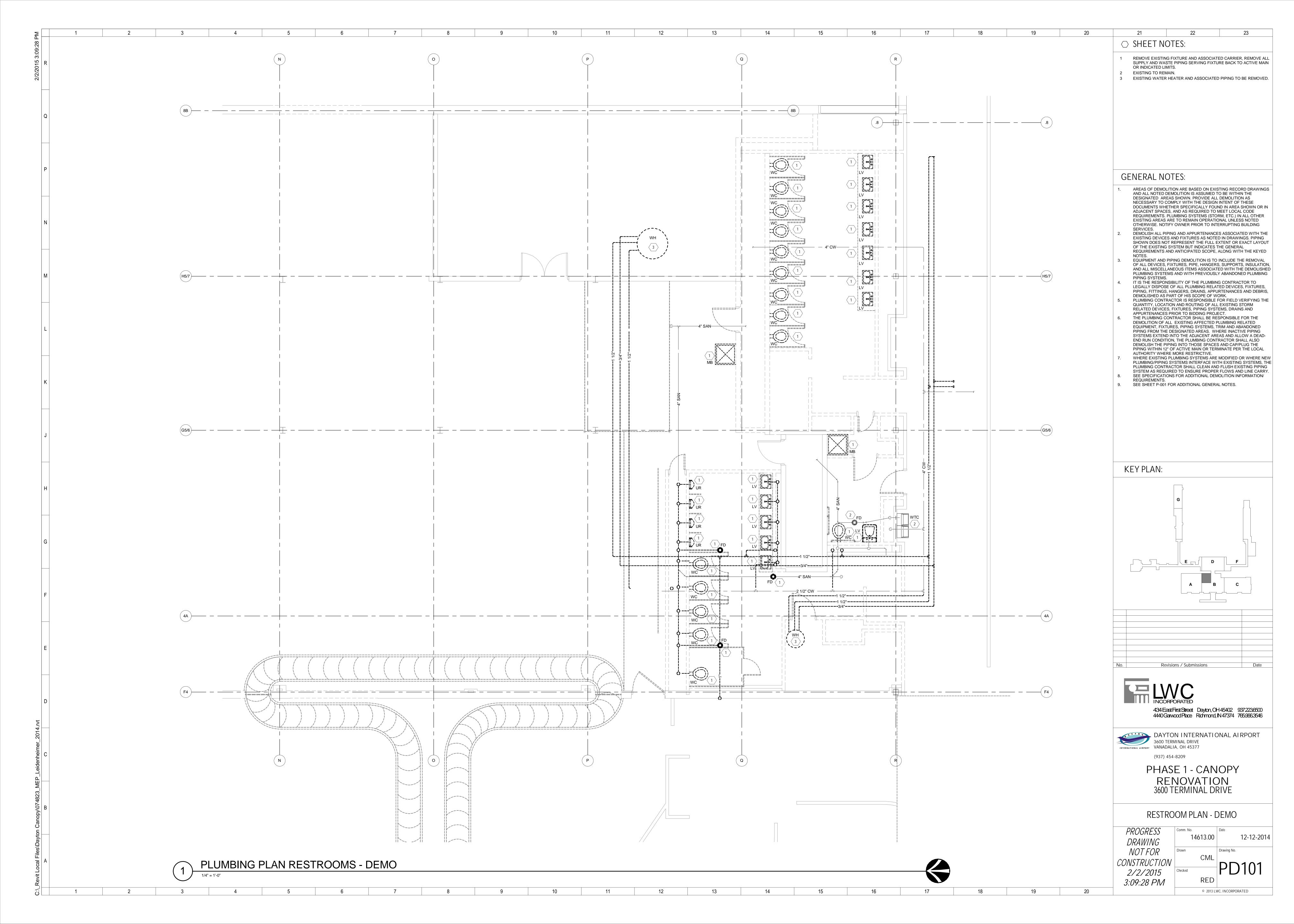
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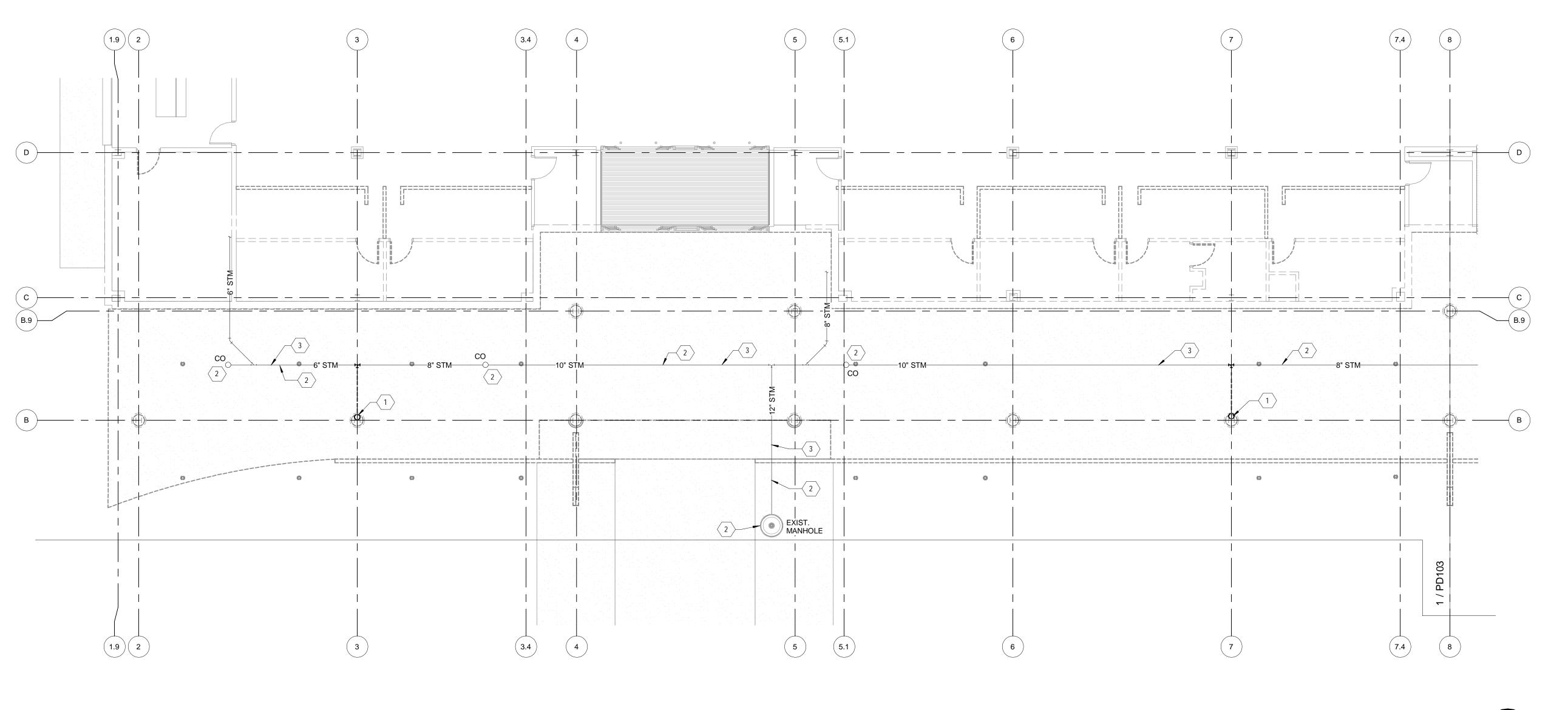
PHASE 1 - CANOPY RENOVATION 3600 TERMINAL DRIVE

PLUMBING ISOMETRICS

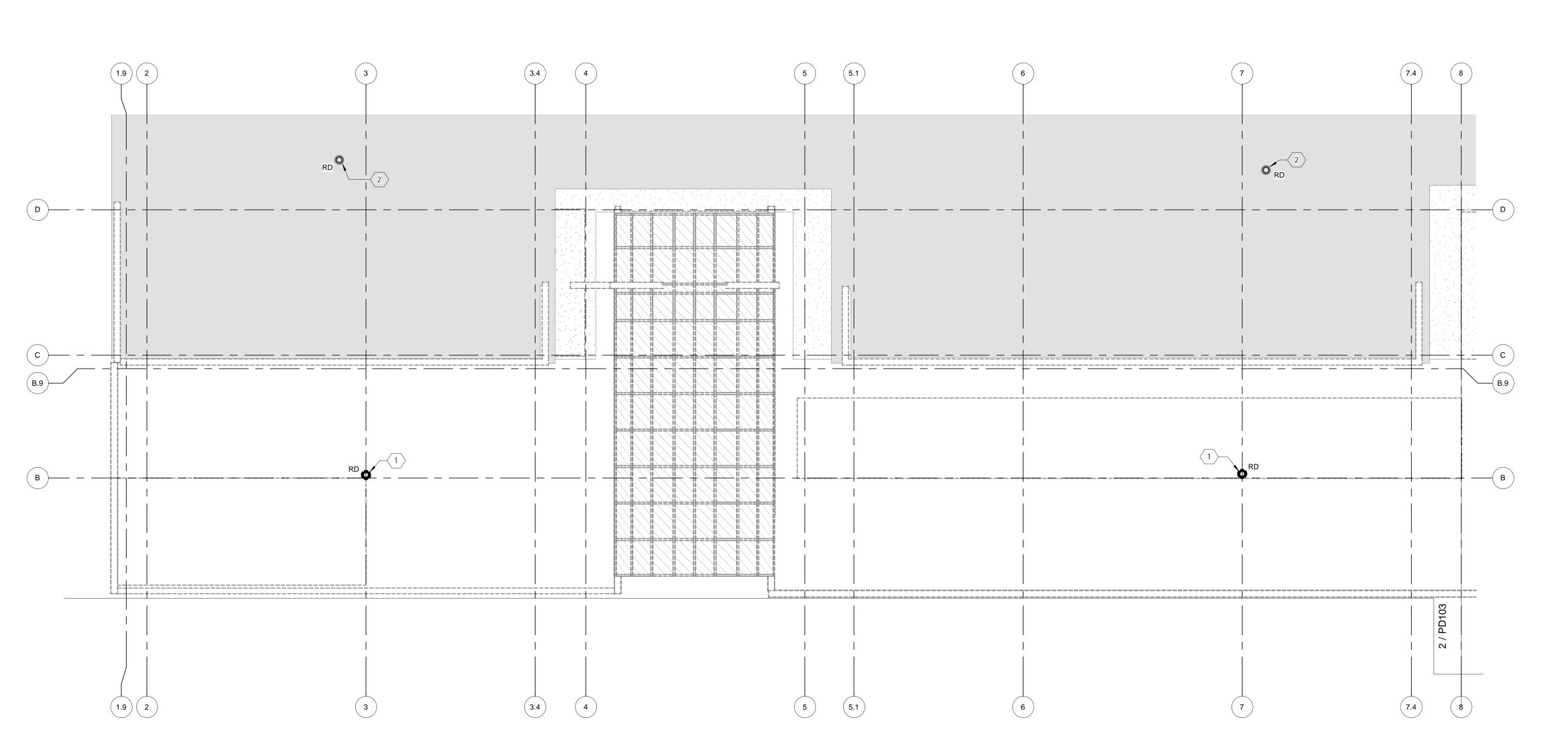
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PLUMBING PLAN AREA "A" - DEMO



PLUMBING ROOF PLAN AREA "A" - DEMO



○ SHEET NOTES:

REMOVE EXISTING ROOF DRAIN AND ASSOCIATED STORM PIPING IN ITS ENTIRETY BACK TO WITHIN 12" OF ACTIVE MAIN AND PERMANENTLY CAP.
 EXISTING TO REMAIN.
 PIPING LOCATED IN GRADE BELOW SLAB,

GENERAL NOTES:

AREAS OF DEMOLITION ARE BASED ON EXISTING RECORD DRAWINGS AND ALL NOTED DEMOLITION IS ASSUMED TO BE WITHIN THE DESIGNATED AREAS SHOWN. PROVIDE ALL DEMOLITION AS NECESSARY TO COMPLY WITH THE DESIGN INTENT OF THESE DOCUMENTS WHETHER SPECIFICALLY FOUND IN AREA SHOWN OR IN ADJACENT SPACES, AND AS REQUIRED TO MEET LOCAL CODE REQUIREMENTS. PLUMBING SYSTEMS (STORM, ETC.) IN ALL OTHER EXISTING AREAS ARE TO REMAIN OPERATIONAL UNLESS NOTED OTHERWISE. NOTIFY OWNER PRIOR TO INTERRUPTING BUILDING SERVICES.

DEMOLISH ALL PIPING AND APPURTENANCES ASSOCIATED WITH THE EXISTING DEVICES AND FIXTURES AS NOTED IN DRAWINGS. PIPING SHOWN DOES NOT REPRESENT THE FULL EXTENT OR EXACT

LAYOUT OF THE EXISTING SYSTEM BUT INDICATES THE GENERAL REQUIREMENTS AND ANTICIPATED SCOPE, ALONG WITH THE KEYED

- NOTES.

 3. EQUIPMENT AND PIPING DEMOLITION IS TO INCLUDE THE REMOVAL OF ALL DEVICES, FIXTURES, PIPE, HANGERS, SUPPORTS, INSULATION, AND ALL MISCELLANEOUS ITEMS ASSOCIATED WITH THE DEMOLISHED PLUMBING SYSTEMS AND WITH PREVIOUSLY ABANDONED PLUMBING PIPING SYSTEMS.

 4. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO LEGALLY DISPOSE OF ALL PLUMBING RELATED DEVICES, FIXTURES,
- PIPING, FITTINGS, HANGERS, DRAINS, APPURTENANCES AND DEBRIS, DEMOLISHED AS PART OF HIS SCOPE OF WORK.

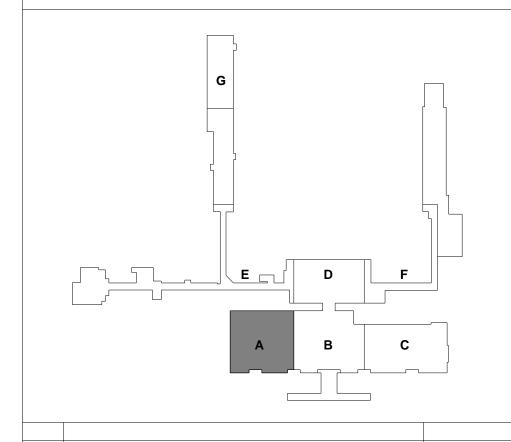
 5. PLUMBING CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE QUANTITY, LOCATION AND ROUTING OF ALL EXISTING STORM RELATED DEVICES, FIXTURES, PIPING SYSTEMS, DRAINS AND APPURTENANCES PRIOR TO BIDDING PROJECT.

 6. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE
- 6. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION OF ALL EXISTING AFFECTED PLUMBING RELATED EQUIPMENT, FIXTURES, PIPING SYSTEMS, TRIM AND ABANDONED PIPING FROM THE DESIGNATED AREAS. WHERE INACTIVE PIPING SYSTEMS EXTEND INTO THE ADJACENT AREAS AND ALLOW A DEADEND RUN CONDITION, THE PLUMBING CONTRACTOR SHALL ALSO DEMOLISH THE PIPING INTO THOSE SPACES AND CAP/PLUG THE PIPING WITHIN 12" OF ACTIVE MAIN OR TERMINATE PER THE LOCAL
- AUTHORITY WHERE MORE RESTRICTIVE.

 7. WHERE EXISTING PLUMBING SYSTEMS ARE MODIFIED OR WHERE NEW PLUMBING/PIPING SYSTEMS INTERFACE WITH EXISTING SYSTEMS, THE PLUMBING CONTRACTOR SHALL CLEAN AND FLUSH EXISTING PIPING SYSTEM AS REQUIRED TO ENSURE PROPER FLOWS AND LINE CARRY.
- FLOWS AND LINE CARRY.

 8. SEE SPECIFICATIONS FOR ADDITIONAL DEMOLITION INFORMATION/
 REQUIREMENTS.
- 9. SEE SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

KEY PLAN:





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