

ARCHITECT

WALKER ARCHITECTS
2035 NW 13TH STREET
GAINESVILLE, FL 32609
352.672.6448 AA26002009

MEPF ENGINEER

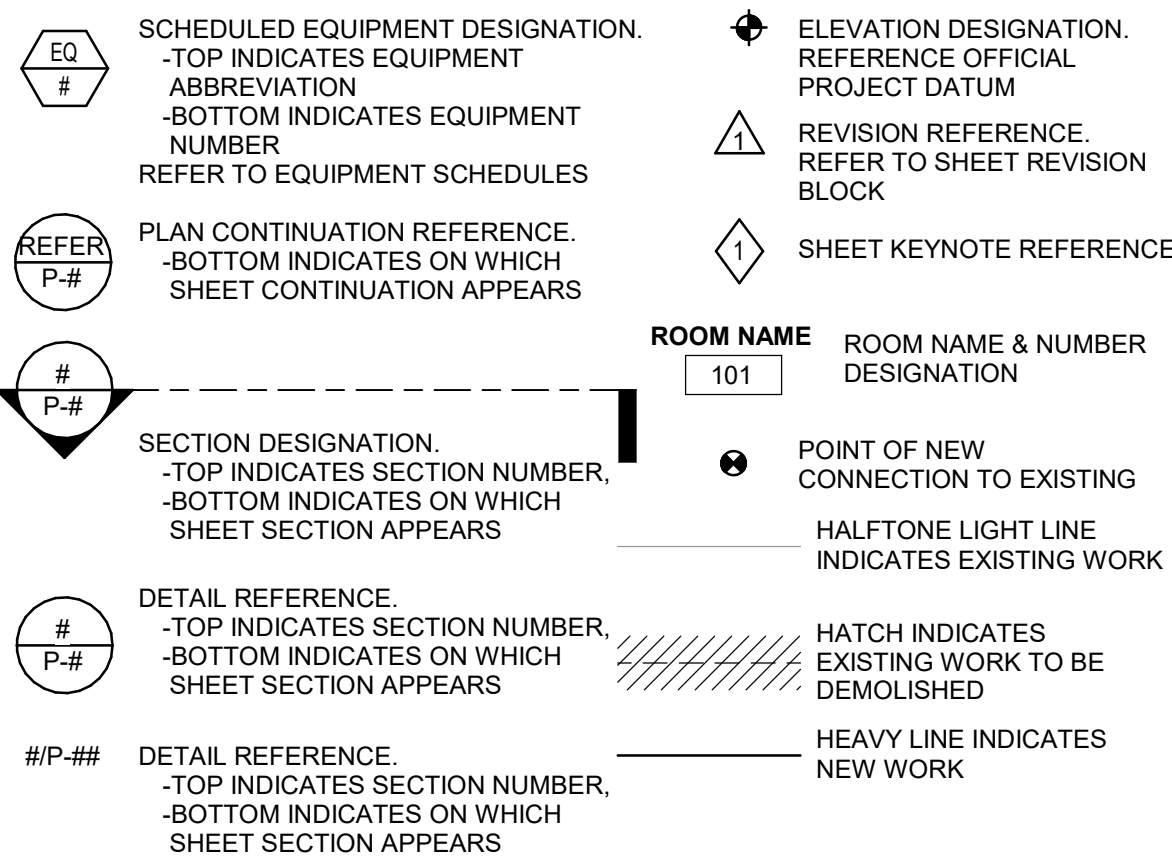
AFFILIATED ENGINEERS
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STRUCTURAL ENGINEER

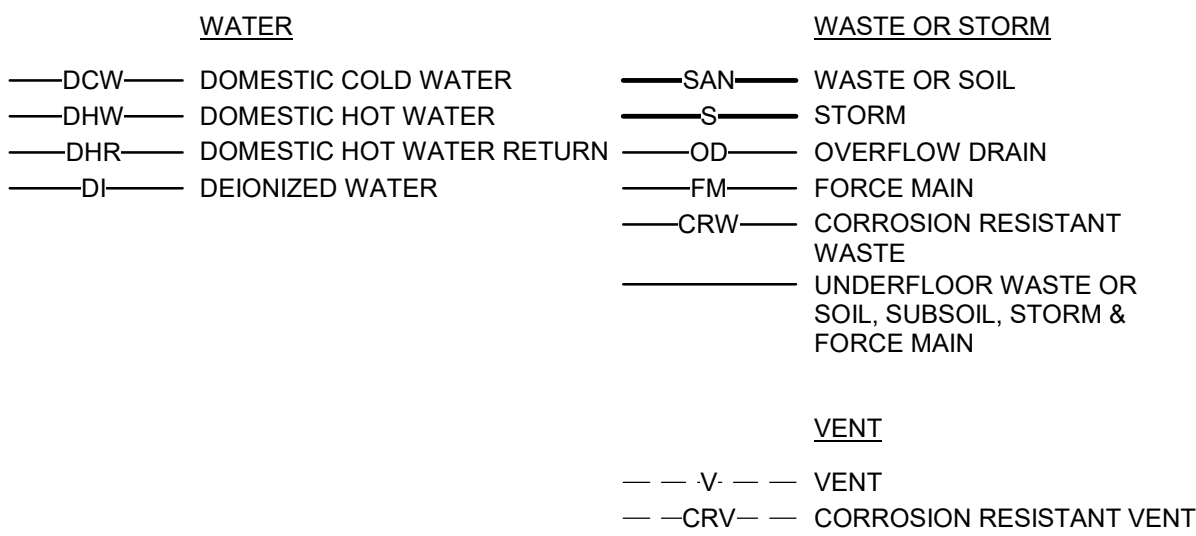
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PIPING SYMBOLS AND ABBREVIATIONS

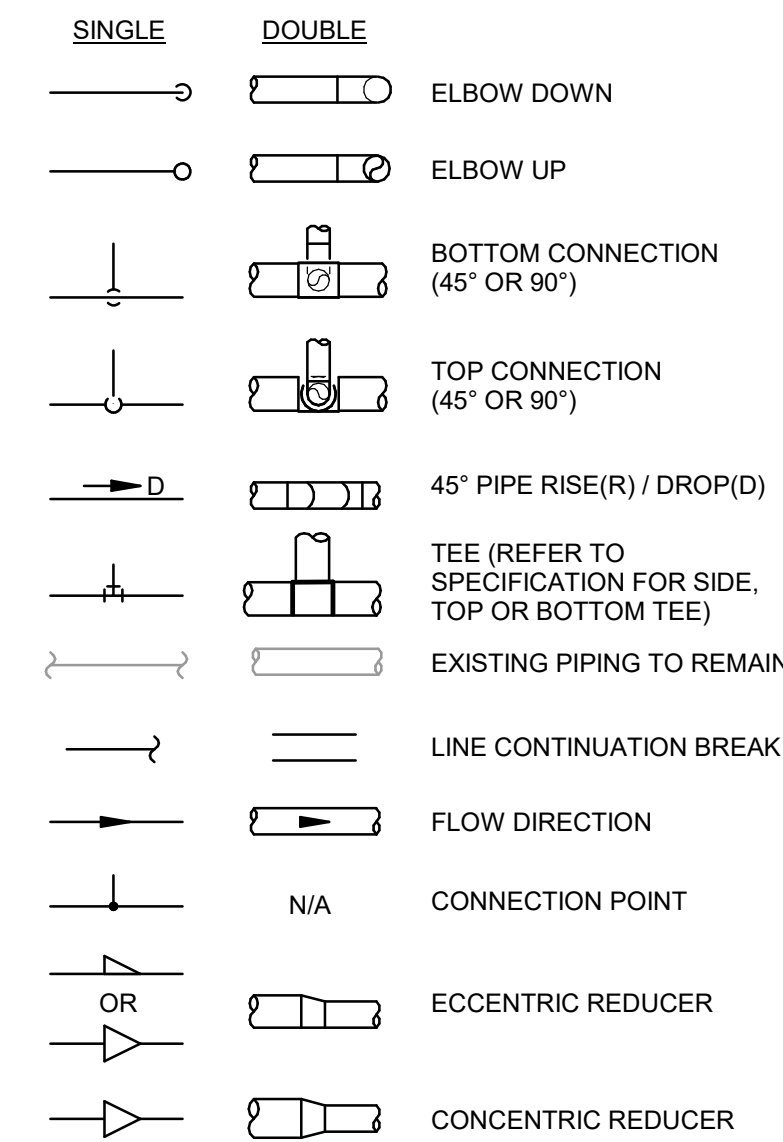
SHEET SYMBOLS



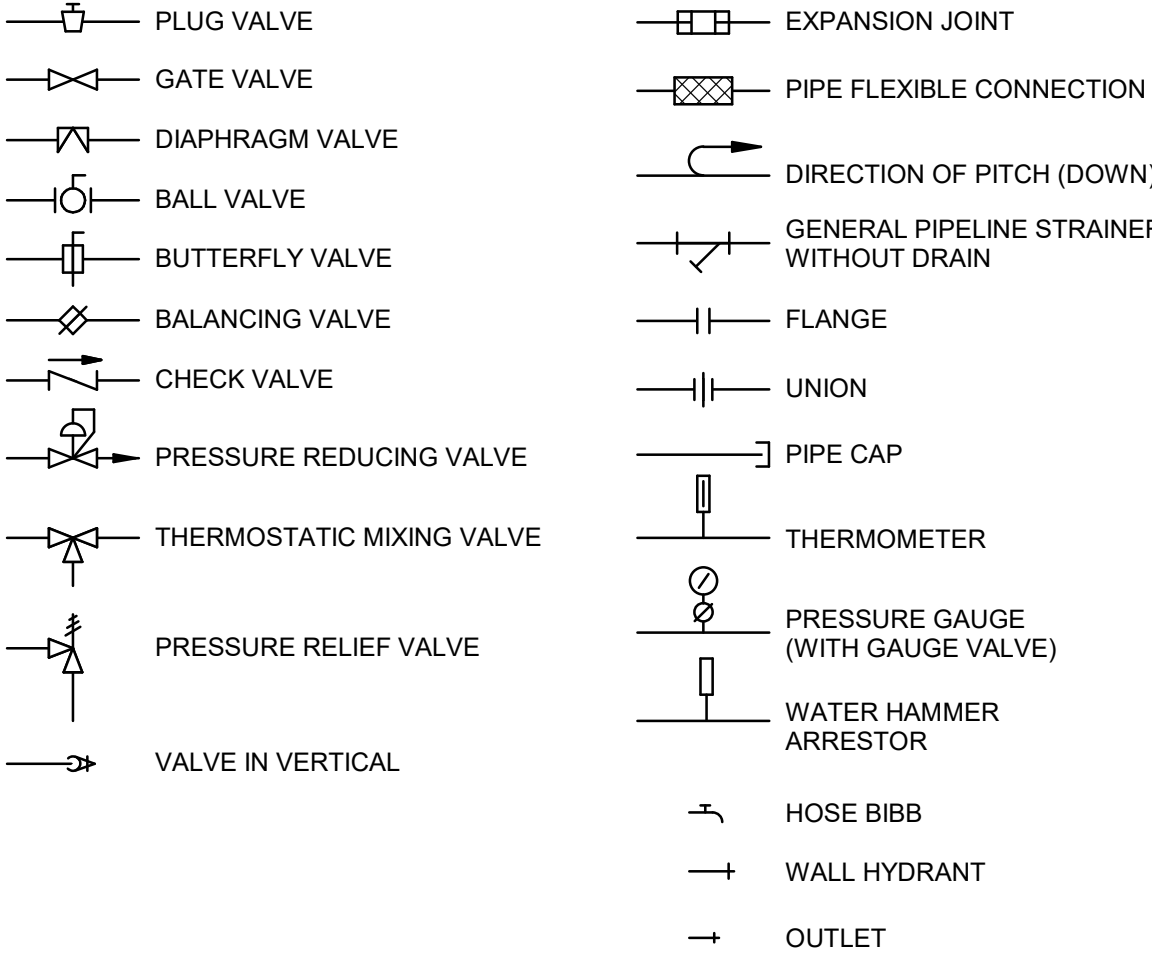
PIPING SYSTEM LABELS



PIPING SYMBOLS



PIPE FITTINGS, VALVES, & SPECIALTIES



DRAINS AND CLEANOUTS



ABBREVIATIONS

A	- AIR	L	- LENGTH
AAP	- AREA ALARM PANEL	LA	- LABORATORY COMPRESSED AIR
ACC	- ACCESS	LAV	- LAVATORY
ACFM	- ACTUAL CUBIC FEET PER MINUTE	LBS	- POUNDS
ADB	- ACID DILUTION BASIN	LTG	- LIGHTING
ADJ	- ADJUSTABLE	LWT	- LEAVING WATER TEMPERATURE
AFF	- ABOVE FINISHED FLOOR	MAP	- MASTER ALARM PANEL
ALT	- ALTERNATE	MAX	- MAXIMUM
AMPS	- AMPERES	MB	- MOP BASIN
AP	- ACCESS PANEL	MBH	- ONE THOUSAND BTUH
APPROX	- APPROXIMATE	MC	- MECHANICAL CONTRACTOR
ARCH	- ARCHITECTURAL	MEZZ	- MEZZANINE
ASME	- AMERICAN SOCIETY OF MECHANICAL ENGINEERS	MFR	- MANUFACTURER
ASSY	- ASSEMBLY	MH	- MANHOLE
BHP	- BRAKE HORSEPOWER	MIN	- MINIMUM / MINUTE
BLDG	- BUILDING	MISC	- MISCELLANEOUS
BOP	- BOTTOM OF PIPE ELEVATION	MTD	- MOUNTED
BOT	- BOTTOM	MTG	- MOUNTING
BT	- BATHTUB	NC	- NORMALLY CLOSED
BTU	- BRITISH THERMAL UNIT	NIC	- NOT IN CONTRACT
BTU/H	- BRITISH THERMAL UNIT PER HOUR	NO	- NUMBER
BTWN	- BETWEEN	NCM	- NOMINAL
CA	- COMPRESSED AIR	NPSH	- NET POSITIVE SUCTION HEAD
CFGI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED	NPT	- NATIONAL PIPE THREAD
CFM	- CUBIC FEET PER MINUTE	NTS	- NOT TO SCALE
CLG	- CEILING	OC	- ON CENTER
CM	- COFFEE MAKER	OD	- OUTSIDE DIAMETER / OVERFLOW DRAIN
CMU	- CONCRETE MASONRY UNIT	OFCI	- OWNER FURNISHED, CONTRACTOR INSTALLED
CO	- CLEANOUT	OFOI	- OWNER FURNISHED, OWNER INSTALLED
CO2	- CARBON DIOXIDE	P	- PUMP
CONN	- CONNECTION / CONNECT	PC	- PLUMBING CONTRACTOR
CONTR	- CONTRACTOR	PH	- PHASE
CORR	- CORRIDOR	PV	- POST INDICATOR VALVE
CS	- CLINICAL SINK / COLD SOFT WATER / CUP SINK	PLBG	- PLUMBING
CTR	- CENTER	PRESS	- PRESSURE
CU	- COPPER	PRV	- PRESSURE REDUCING VALVE
CRVTR	- CORROSIVE VENT	PSF	- POUNDS PER SQUARE FOOT
PSF	- POUNDS PER SQUARE FOOT	PSI	- POUNDS PER SQUARE INCH
CWW	- CLEARWATER WASTE	PSIG	- POUNDS PER SQUARE INCH GAUGE
D	- DEPTH / DRAIN LINE	PW	- PURE WATER
DCW	- DOMESTIC COLD WATER	R	- RADIUS
DET	- DETAIL	RAD	- REFRIGERATED AIR DRYER
DFU	- DRAINAGE FIXTURE UNIT	RD	- ROOF DRAIN
DHR	- DOMESTIC HOT WATER RETURN	REC	- RECESSED
DHW	- DOMESTIC HOT WATER	RECPT	- RECEPTACLE
DIA	- DIAMETER	REF	- REFERENCE
DISCH	- DISCHARGE	REQD	- REQUIRED
DN	- DOWN / DOWNSPOUT NOZZLE	RI	- ROUGH-IN
DS	- DOWNSPOUT	RPM	- REVOLUTIONS PER MINUTE
DW	- DISHWASHER	RV	- RELIEF VALVE
DWG	- DRAWING	S	- STORM
EA	- EACH	SAN	- SANITARY
EAW	- EMERGENCY EYEWASH	SCH	- SCHEDULE
EFF	- EFFICIENCY	SCFM	- STANDARD CUBIC FEET PER MINUTE
EJ	- EXPANSION JOINT	SD	- SUBSOIL DRAIN
ELEC	- ELECTRICAL	SF	- SQUARE FEET
ELEV	- ELEVATION	SH	- SHOWER
EQUIP	- EQUIPMENT	SHT	- SHEET
ET	- EXPANSION TANK	SPEC	- SPECIFICATION
ETR	- EXISTING TO REMAIN	SQ	- SQUARE
ES	- EMERGENCY SHOWER	SR	- SERVICE RECEPTOR
EW	- ELECTRIC WATER COOLER	S/S	- STAINLESS STEEL
EWC	- ENTERING WATER	STD	- STANDARD
EWT	- TEMPERATURE	STRU	- STRUCTURAL / STRUCTURE
EXP	- EXPANSION	SUCT	- SUCTION
EXT	- EXTERIOR	TD	- TRENCH DRAIN
'F	- FAHRENHEIT	TDH	- TOTAL DYNAMIC HEAD
FCO	- FLOOR CLEANOUT	TEMP	- TEMPERATURE
FD	- FLOOR DRAIN	TMV	- THERMOSTATIC MIXING VALVE
FLA	- FULL LOAD AMPERES	TOB	- TOP OF BEAM
FLR	- FLOOR	TOD	- TOP OF DECK
FM	- FORCE MAIN	TOJ	- TOP OF JOIST
FP	- FIREPROOF	TOS	- TOP OF SLAB / TOP OF STEEL
FPM	- FEET PER MINUTE	TF	- TRAP FILLER
FSE	- FLOOR SINK	TP	- TRAP PRIMER
FT	- FEET	TYP	- TYPICAL
FTHD	- FEET HEAD	UR	- URINAL
FTG	- FOOTING	V	- VENT / VOLTS
G	- GAS	VAC	- VACUUM
GA	- GAUGE	VEL	- VELOCITY
GAL	- GALLON	VFD	- VARIABLE FREQUENCY DRIVE
GALV	- GALVANIZED	VOL	- VOLUME
GC	- GENERAL CONTRACTOR	VTR	- VENT THRU ROOF
GPH	- GALLONS PER HOUR	W	- WASTE / WATER
GPM	- GALLONS PER MINUTE	WI	- WITH
HB	- HOSE BIBB	WO	- WITHOUT
HD	- HUB DRAIN	WAGD	- WASTE ANESTHETIC GAS DISPOSAL
HP	- HORSEPOWER	WB	- WALL BOX
HR	- HOSE REEL	WC	- WATER CLOSET
HT	- HEAT TRACE HOT WATER	WCO	- WALL CLEANOUT
HTR	- HEATER	WGE	- WASTE GAS EXHAUST
HVAC	- HEATING, VENTILATING, & AIR CONDITIONING	WH	- WALL HYDRANT
HZ	- HERTZ	WHA	- WATER HAMMER ARRESTOR
ID	- INSIDE DIAMETER	WHTR	- WATER HEATER
IE	- INVERT ELEVATION	WSFU	- WATER SUPPLY FIXTURE UNIT
IM	- ICE MAKER	X	- EXISTING
IN	- INCHES	YCO	- YARD CLEANOUT
IN WC	- INCHES WATER COLUMN	ZVB	- ZONE VALVE BOX
IW	- INDIRECT WASTE		
JS	- JANITOR'S SINK		
KW	- KILOWATT		

FSU BIO UNIT
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LABS

FLORIDA STATE UNIVERSITY,
89 CHIEFTAN WAY,
TALLAHASSEE, FL 32304

KEY PLAN

DRAWING TITLE:

PLUMBING SYMBOLS AND
ABBREVIATIONS

PROJECT NO.: 23055-00 DRAWN BY: RAN
CHECKED BY: KAW

P001

GENERAL NOTES

- EXISTING CONDITIONS ARE TAKEN FROM ORIGINAL AND "AS-BUILT" DRAWINGS AND ARE, IN PART, UNVERIFIED. VERIFY ALL FIELD CONDITIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
- DEMOLISH ALL WASTE AND VENT PIPING WITHIN HATCHED AREAS, UNLESS OTHERWISE NOTED.
- EXISTING BUILDING ELEMENTS AND DISTRIBUTION, INCLUDING BUT NOT LIMITED TO WALLS, CEILINGS, LIGHTS, CONDUIT, DUCTS, PIPING, INSULATION, OR OTHER SYSTEMS THAT ARE DAMAGED OR REMOVED DUE TO CONTRACTOR'S WORK SHALL BE PATCHED, REPAIRED, OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER, THE OWNER, AND AUTHORITIES HAVING JURISDICTION.
- ABANDON PIPING THAT IS CONCEALED BEHIND EXISTING FINISHED SURFACES (WALLS, CEILINGS, FLOOR SLAB) WHERE SURFACES ARE DESIGNATED TO REMAIN. WHERE ABANDONED PIPING PENETRATES EXISTING SURFACES, CAP PIPE BEHIND THESE SURFACES SO THE ABANDONED PIPING IS COMPLETELY CONCEALED. PATCH AS REQUIRED TO MATCH SURROUNDING EXISTING SURFACES.
- DUE TO THE IMPORTANCE OF MAINTAINING OPERATIONS AT THIS FACILITY, CONTRACTOR SHALL COORDINATE WITH OWNER ALL WORK THAT REQUIRES THE SHUTDOWN OF EXISTING AND STARTUP OF NEW UTILITIES PRIOR TO START. WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT, ON WEEKENDS AND/OR OVER HOLIDAYS.
- WHERE REQUIRED, PROVIDE ADDITIONAL DEMOLITION BEYOND THAT SHOWN TO FACILITATE INSTALLATION OF NEW WORK.
- FOLLOWING DEMOLITION, CAP ALL OPEN-ENDED PIPES AND RE-INSULATE OR REPAIR INSULATION WHERE REQUIRED.

SHEET KEYNOTES

- DEMOLISH ALL WASTE PIPING SERVING FIXTURES BEING DEMOLISHED ON SECOND FLOOR ABOVE. CAP PIPE AT RISER. PATCH AND REPAIR FLOOR PENETRATIONS TO MATCH EXISTING.

SEAL AND SIGNATURE

ENGINEER OF RECORD
ANDREW DAVID PETER FL P.E. NO. 86584

SUBMITTAL:		ISSUE DATE:
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REVISION	DESCRIPTION	DATE

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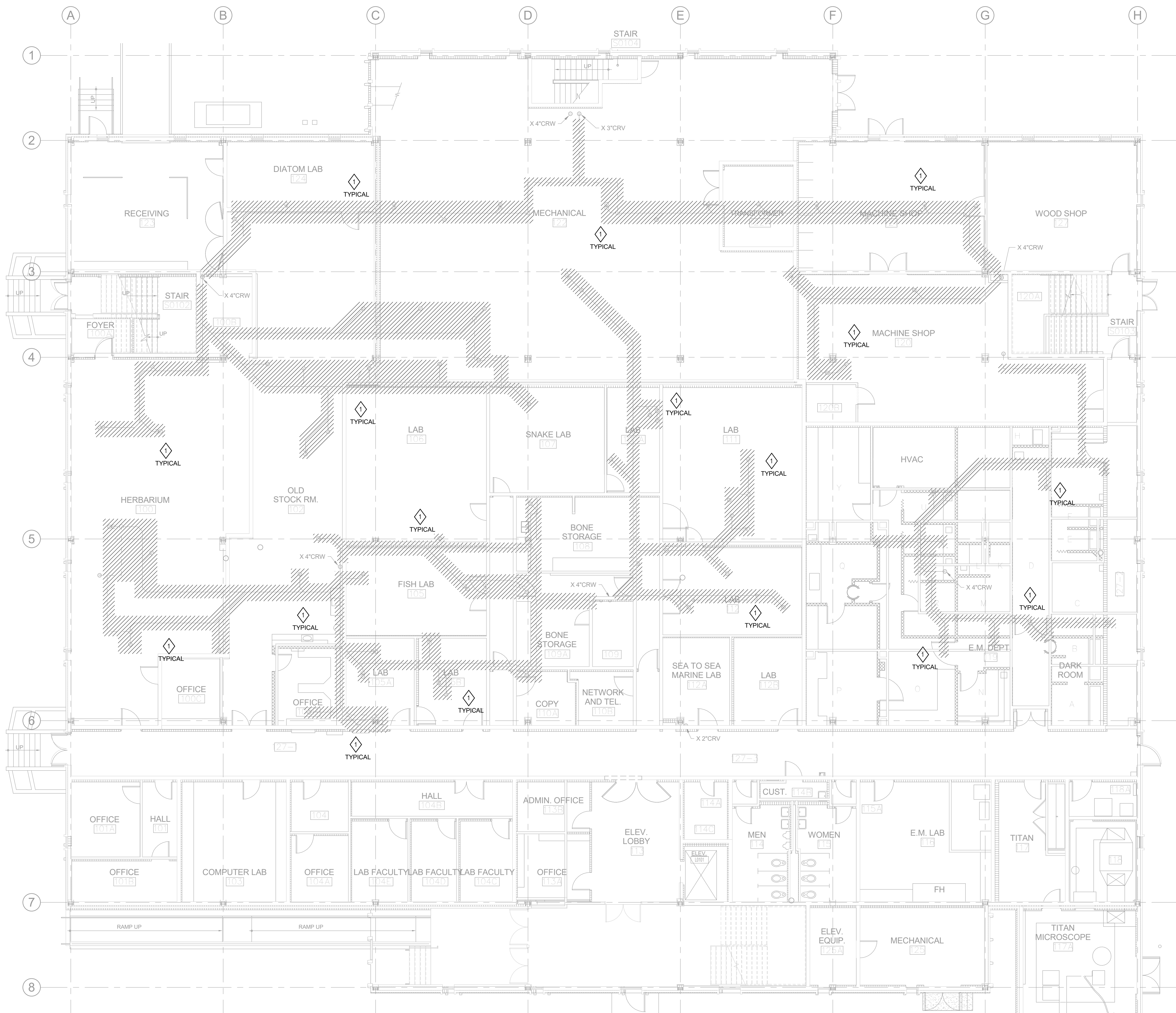
KEY PLAN

DRAWING TITLE:

LEVEL 1 PLUMBING
GRAVITY DEMOLITION
PLAN

PROJECT NO.: 23055-00 DRAWN BY: RAN
CHECKED BY: KAW

PD101



GENERAL NOTES

- EXISTING CONDITIONS ARE TAKEN FROM ORIGINAL AND "AS-BUILT" DRAWINGS AND ARE, IN PART, UNVERIFIED. VERIFY ALL FIELD CONDITIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
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- DUE TO THE IMPORTANCE OF MAINTAINING OPERATIONS AT THIS FACILITY, CONTRACTOR SHALL COORDINATE WITH OWNER ALL WORK THAT REQUIRES THE SHUTDOWN OF EXISTING AND STARTUP OF NEW UTILITIES PRIOR TO START. WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT, ON WEEKENDS AND/OR OVER HOLIDAYS.
- WHERE REQUIRED, PROVIDE ADDITIONAL DEMOLITION BEYOND THAT SHOWN TO FACILITATE INSTALLATION OF NEW WORK.
- FOLLOWING DEMOLITION, CAP ALL OPEN-ENDED PIPES AND RE-INSULATE OR REPAIR INSULATION WHERE REQUIRED.

SHEET KEYNOTES

- WASTE PIPING SHOWN SERVES THIRD FLOOR FIXTURES ABOVE AND SHALL BE EXISTING TO REMAIN.
- OFFSET CRV PIPE TO NEW 2ND FLOOR WALL.
- OFFSET CRW AND CRV TO NEW PIPE SPACE.
- RELOCATE CRW TO NEW PIPE SPACE.
- DEMOLISH EXISTING BATHROOM FIXTURES AND JANITOR'S SINK TO BE REPLACED WITH NEW FIXTURES. DEMOLISH EXISTING CARRIERS AND HORIZONTAL WATER, WASTE, AND VENT PIPING IN CHASE. EXISTING WATER, WASTE, AND VENT VERTICAL RISERS TO REMAIN FOR RECONNECTION.
- DEMOLISH EXISTING PLUMBING FIXTURES AND ASSOCIATED WASTE & VENT PIPING BACK TO THE MAIN OR RISERS.

SEAL AND SIGNATURE

ENGINEER OF RECORD
ANDREW DAVID PETER FL P.E. NO. 88584

SUBMITTAL:		ISSUE DATE:
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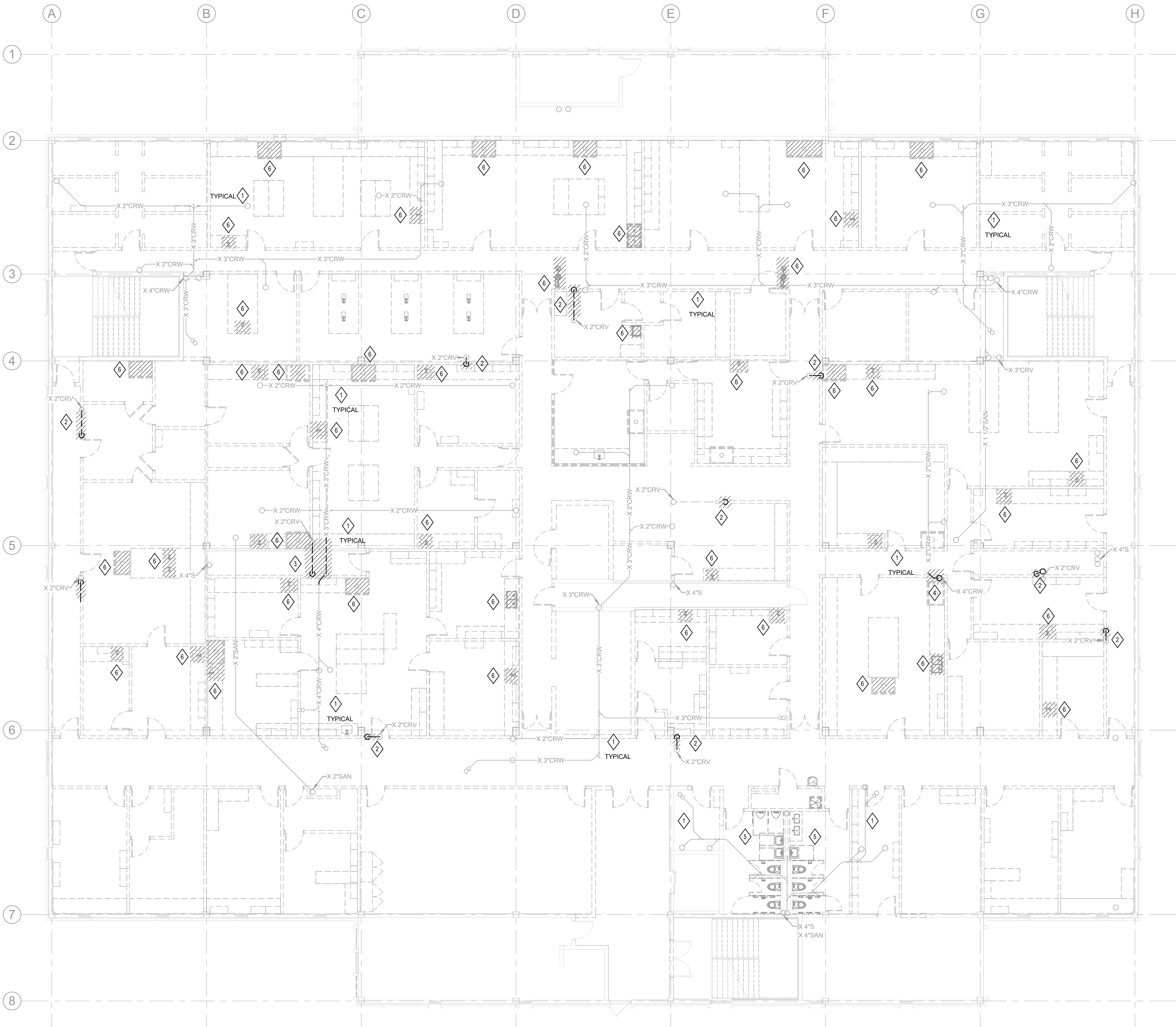
KEY PLAN

DRAWING TITLE:

**LEVEL 2 PLUMBING
GRAVITY DEMOLITION
PLAN**

PROJECT NO.: 23055-00 DRAWN BY: RAN
CHECKED BY: KAW

PD102



1 LEVEL 2 PLUMBING GRAVITY DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

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GENERAL NOTES

- EXISTING CONDITIONS ARE TAKEN FROM ORIGINAL AND "AS-BUILT" DRAWINGS AND ARE, IN PART, UNVERIFIED. VERIFY ALL FIELD CONDITIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
- DEMOLISH ALL PLUMBING FIXTURES, EQUIPMENT, AND PIPING WITHIN HATCHED AREAS, UNLESS OTHERWISE NOTED.
- EXISTING BUILDING ELEMENTS AND DISTRIBUTION, INCLUDING BUT NOT LIMITED TO WALLS, CEILINGS, LIGHTS, CONDUIT, DUCTS, PIPING, INSULATION, OR OTHER SYSTEMS THAT ARE DAMAGED OR REMOVED DUE TO CONTRACTOR'S WORK SHALL BE PATCHED, REPAIRED, OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER, THE OWNER, AND AUTHORITIES HAVING JURISDICTION.
- ABANDON PIPING THAT IS CONCEALED BEHIND EXISTING FINISHED SURFACES (WALLS, CEILINGS, FLOOR SLAB) WHERE SURFACES ARE DESIGNATED TO REMAIN. WHERE ABANDONED PIPING PENETRATES EXISTING SURFACES, CAP PIPE BEHIND THESE SURFACES SO THE ABANDONED PIPING IS COMPLETELY CONCEALED. PATCH AS REQUIRED TO MATCH SURROUNDING EXISTING SURFACES.
- DUE TO THE IMPORTANCE OF MAINTAINING OPERATIONS AT THIS FACILITY, CONTRACTOR SHALL COORDINATE WITH OWNER ALL WORK THAT REQUIRES THE SHUTDOWN OF EXISTING AND STARTUP OF NEW UTILITIES PRIOR TO START. WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT, ON WEEKENDS AND/OR OVER HOLIDAYS.
- WHERE REQUIRED, PROVIDE ADDITIONAL DEMOLITION BEYOND THAT SHOWN TO FACILITATE INSTALLATION OF NEW WORK.
- FOLLOWING DEMOLITION, CAP ALL OPEN-ENDED PIPES AND RE-INSULATE OR REPAIR INSULATION WHERE REQUIRED.
- LABORATORY FIXTURES ON SECOND FLOOR ARE PRIMARILY BOTTOM FED.

SHEET KEYNOTES

- DEMOLISH ALL DOMESTIC WATER, PURE WATER, VACUUM, NATURAL GAS AND COMPRESSED AIR PIPING BACK TO RISERS. DEMOLISH ALL PLUMBING FIXTURES AND WATER COOLERS IN HATCHED AREA. ANY CAPPED PIPING FROM THE PREVIOUS LEVEL 3 DEMOLITION WORK SHALL BE REMOVED COMPLETELY.
- DEMOLISH EXISTING BATHROOM FIXTURES AND JANITOR'S SINK TO BE REPLACED WITH NEW FIXTURES. DEMOLISH EXISTING CARRIERS AND HORIZONTAL WATER, WASTE, AND VENT PIPING IN CHASE. EXISTING WATER, WASTE, AND VENT VERTICAL RISERS TO REMAIN FOR RECONNECTION.
- DEMOLISH EXISTING PLUMBING FIXTURES AND ASSOCIATED PIPING UTILITIES BACK TO THE MAIN OR RISERS.
- DEMOLISH EXISTING DCW RISER AND OFFSET TO SAME LOCATION ON LEVEL 3 ABOVE. CONTRACTOR TO FIELD COORDINATE RELOCATION OF EXISTING RISERS AT LEVEL 2 BASED ON NEW CHASE.
- DEMOLISH EXISTING RISERS IN PIPE SPACES THAT ARE NO LONGER IN SERVICE. CAP REMAINING PIPES BELOW LEVEL 2 SLAB.

SEAL AND SIGNATURE

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ANDREW DAVID PETER FL P.E. NO. 86584

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TALLAHASSEE, FL 32304

KEY PLAN

DRAWING TITLE:

LEVEL 2 PLUMBING
PRESSURE DEMOLITION
PLAN

PROJECT NO.: 23055-00 DRAWN BY: RAN
CHECKED BY: KAW

PD102A



1 LEVEL 2 PLUMBING PRESSURE DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

ARCHITECT
WALKER ARCHITECTS
2035 NW 13TH STREET
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STRUCTURAL ENGINEER

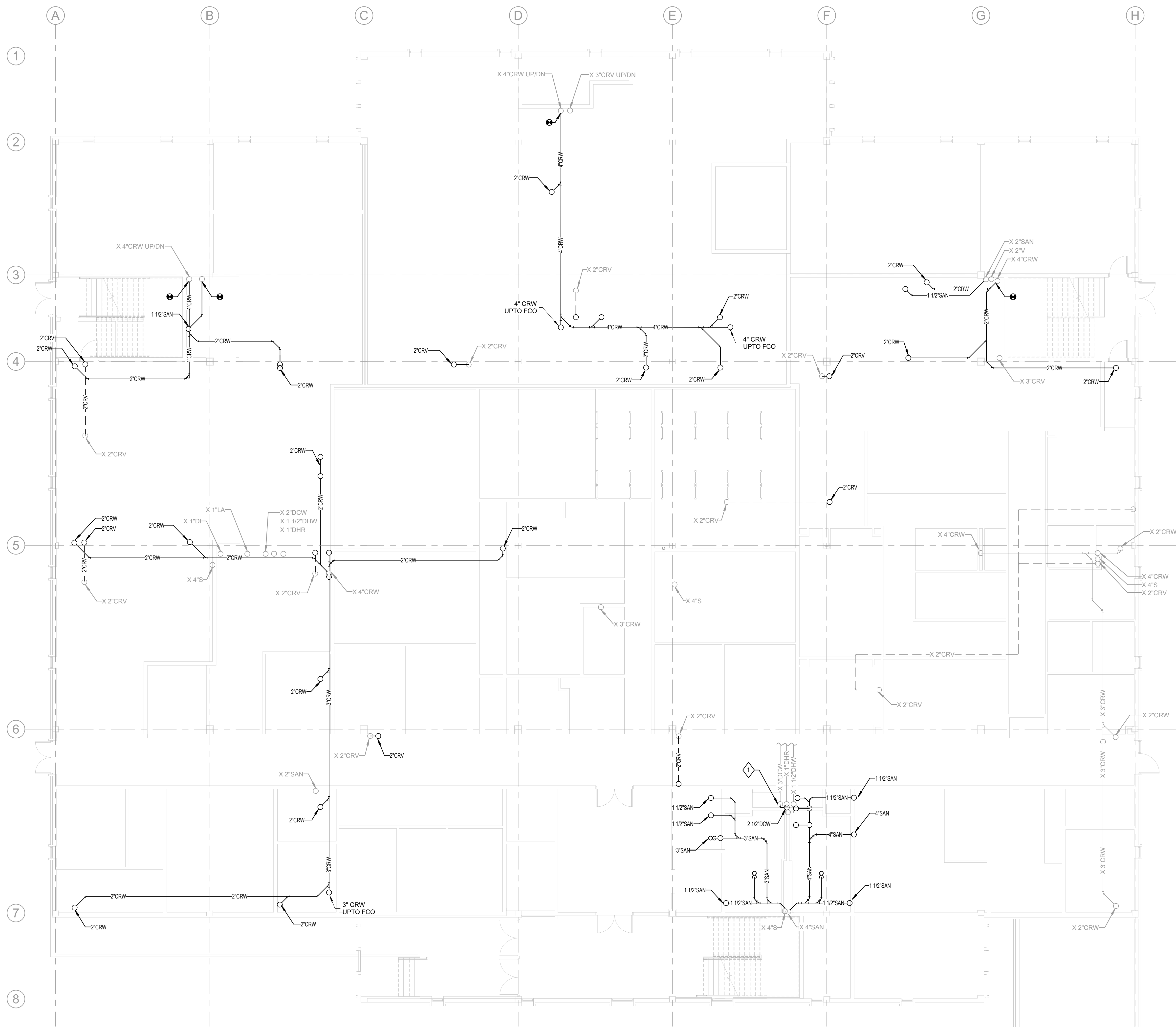
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TAMPA FL 33602
813.221.2424

GENERAL NOTES

1. WASTE DROPS INDICATED ARE SERVING NEWLY RELOCATED FIXTURES ON LEVEL 2 ABOVE.

 SHEET KEYNOTES

1. RELOCATE EXISTING DCW RISER AND OFFSET TO SAME LOCATION ON LEVEL 3 ABOVE. CONTRACTOR TO FIELD COORDINATE RELOCATION OF EXISTING RISERS AT LEVEL 2 BASED ON NEW CHASE.



1 **LEVEL 1 PLUMBING PLAN**
SCALE: 1/8" = 1'-0"

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KEY PLAN

DRAWING TITLE:

LEVEL 1 PLUMBING PLAN

PROJECT NO.: 23055-00	DRAWN BY: RAN
	CHECKED BY: KAW

P101

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KEY PLAN

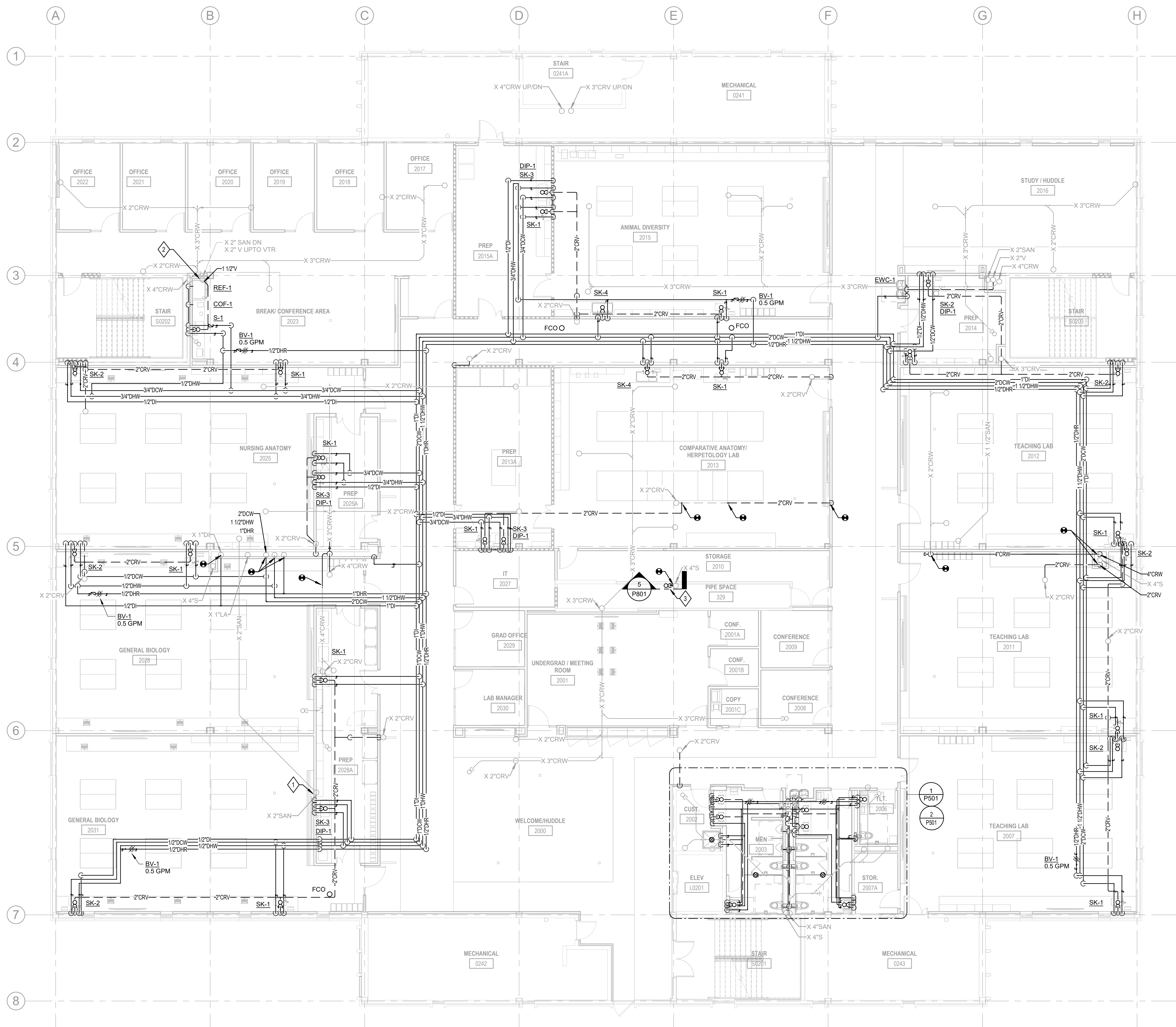
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LEVEL 2 PLUMBING PLAN

PROJECT NO.: 23055-00	DRAWN BY: RAN
	CHECKED BY: KAW

P102

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1 LEVEL 2 PLUMBING PLAN
SCALE: 1/8" = 1'-0"

 **SHEET KEYNOTES**

1. RELOCATE EXISTING 2" SAN RISER INSIDE THE WALL.
2. CONNECT 1-1/2" SAN AND 1-1/2" V TO THE EXISTING WASTE AND VENT RISER STACK.
3. PROVIDE HUB DRAIN AT 4' A.F.F. WITH A P-TRAP AND BACKWATER VALVE. ROUTE CONDENSATE DRAIN FROM THE FAN COIL UNITS TO THE HUB DRAIN WITH AN AIR GAP FITTING. REFER TO MECHANICAL DRAWINGS FOR THE CONDENSATE PIPE ROUTING. REFER DETAIL #5/P001.

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SEAL AND SIGNATURE

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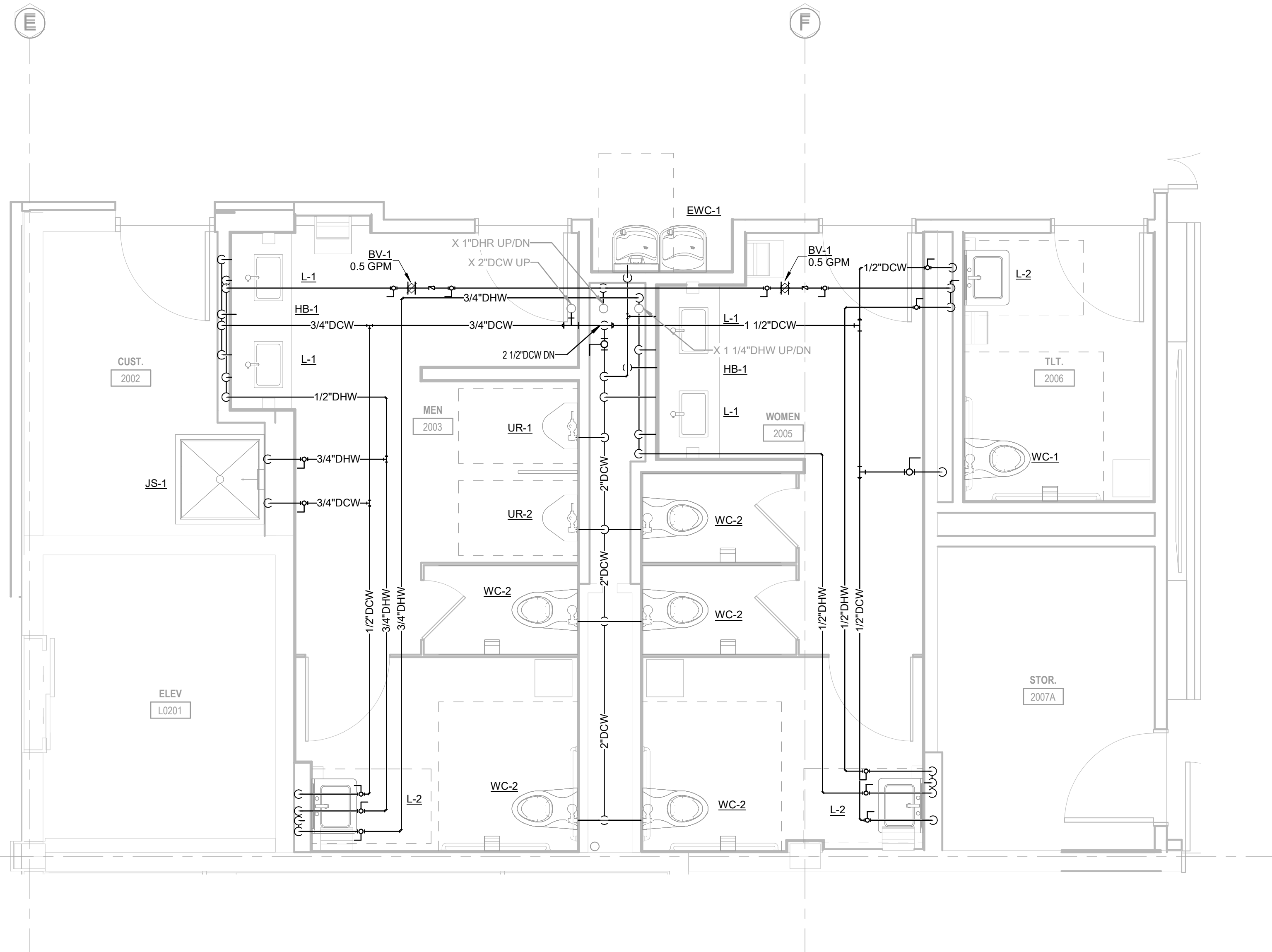
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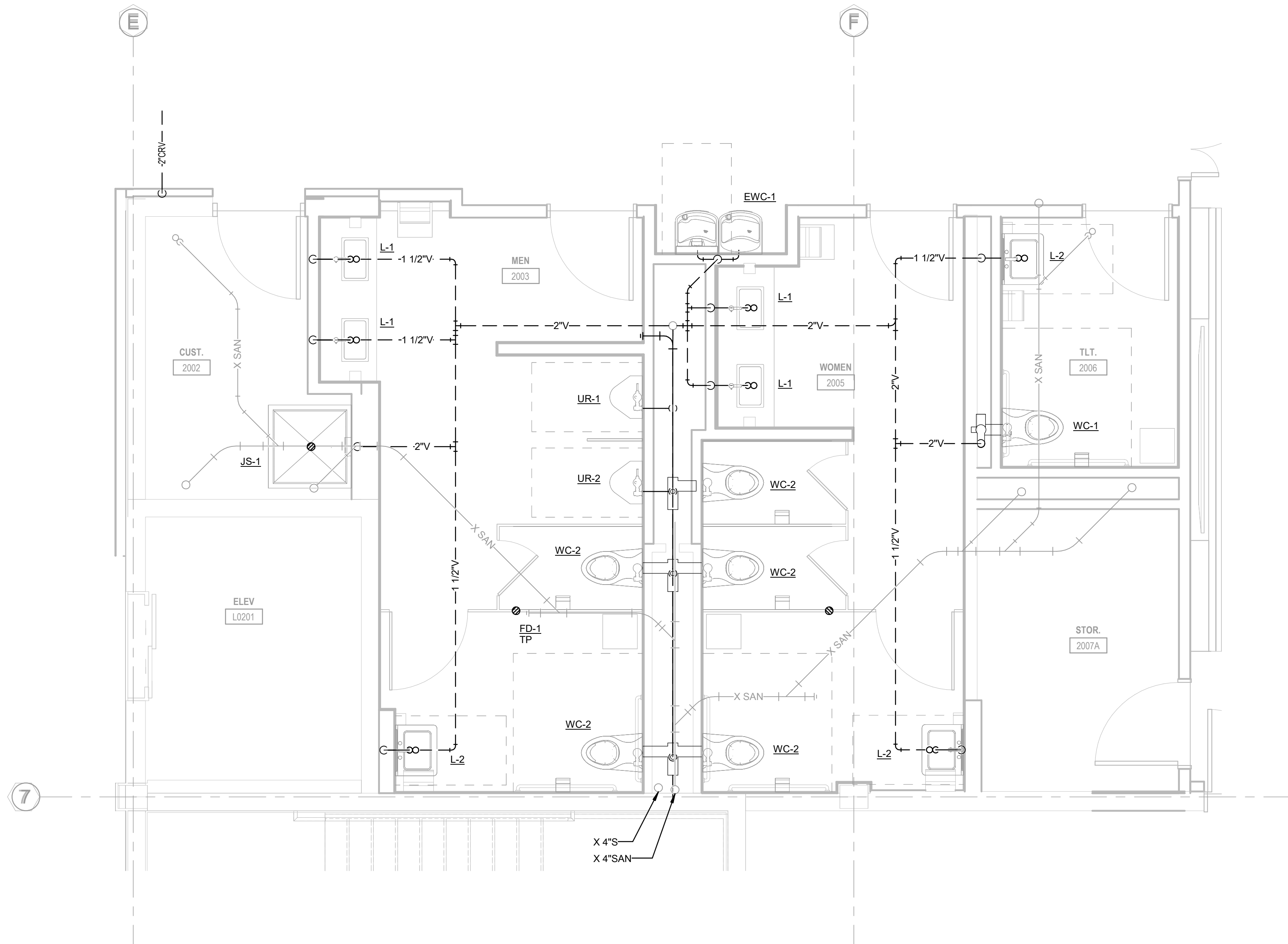
**PLUMBING ENLARGED
PLANS**

PROJECT NO.: 23055-00 DRAWN BY: RAN
CHECKED BY: KAW

P501

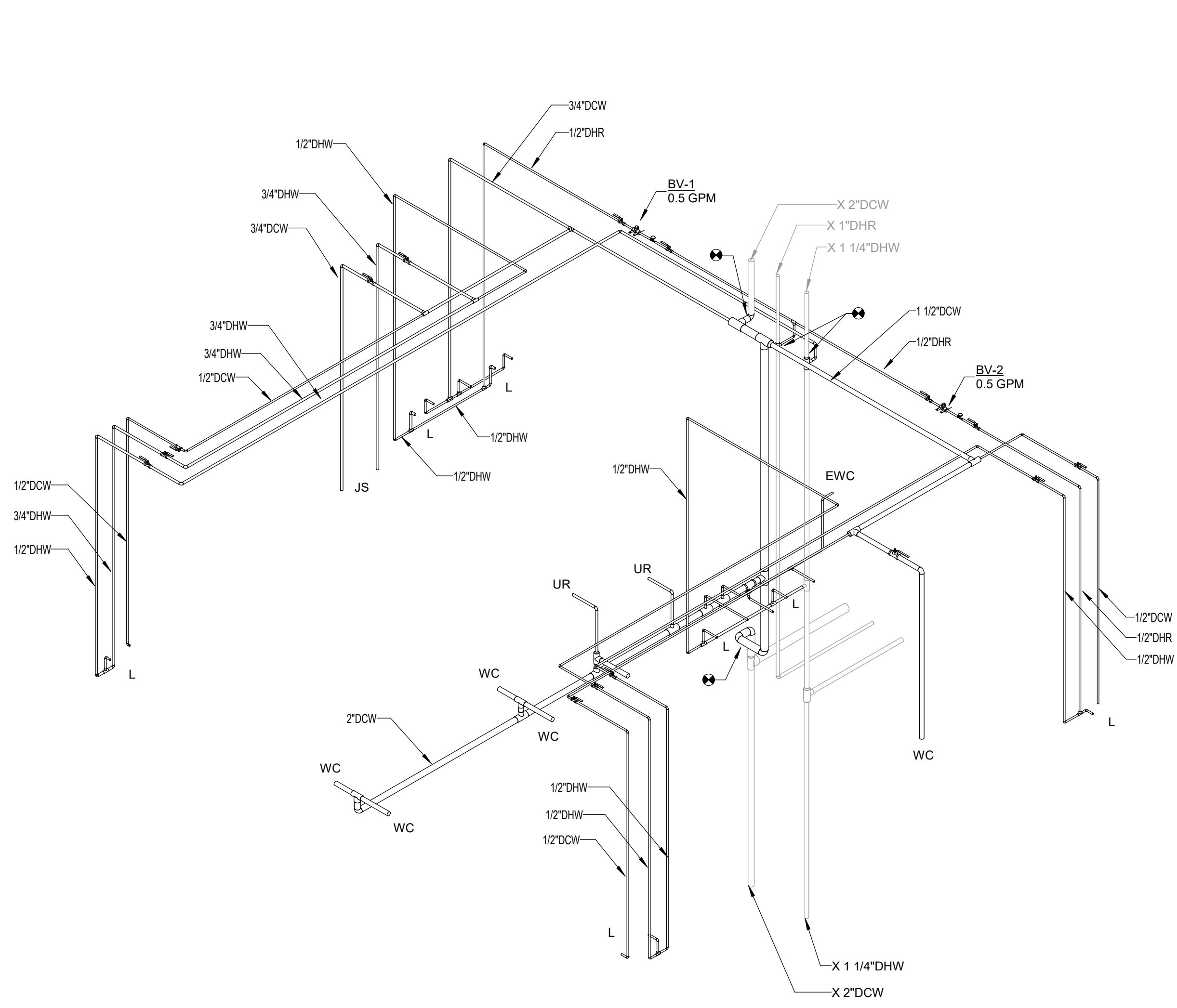


1 LEVEL 2 PLUMBING RESTROOM ENLARGED PLAN - DOMESTIC WATER
SCALE: 3/8" = 1'-0"

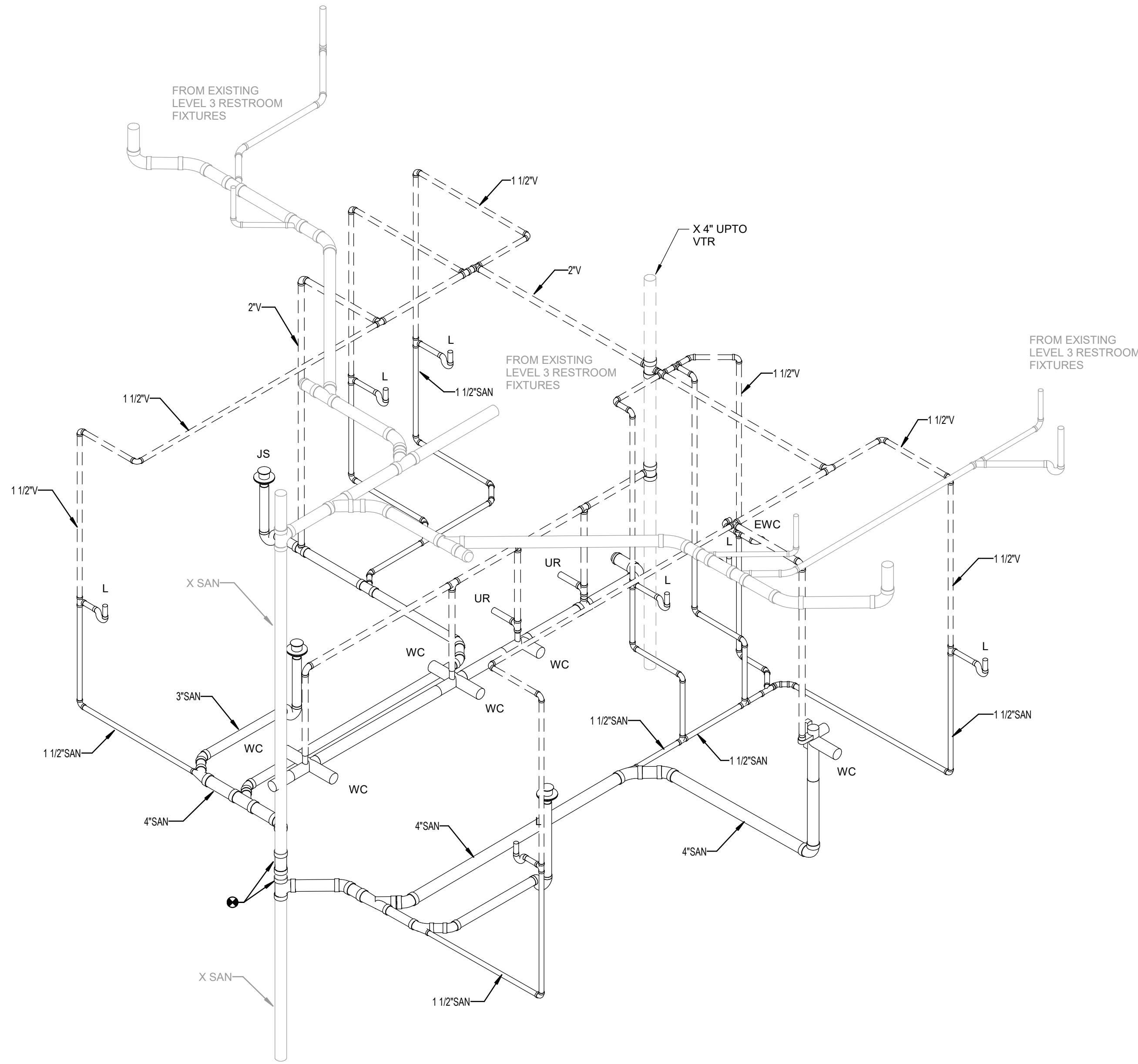


2 LEVEL 2 PLUMBING RESTROOM ENLARGED PLAN - SANITARY WASTE & VENT
SCALE: 3/8" = 1'-0"

NOT FOR CONSTRUCTION



2 PLUMBING RESTROOM RISER - DOMESTIC WATER
SCALE:



1 PLUMBING RESTROOM RISER - SANITARY WASTE & VENT
SCALE:

SEAL AND SIGNATURE

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ANDREW DAVID PETER FL P.E. NO. 86584

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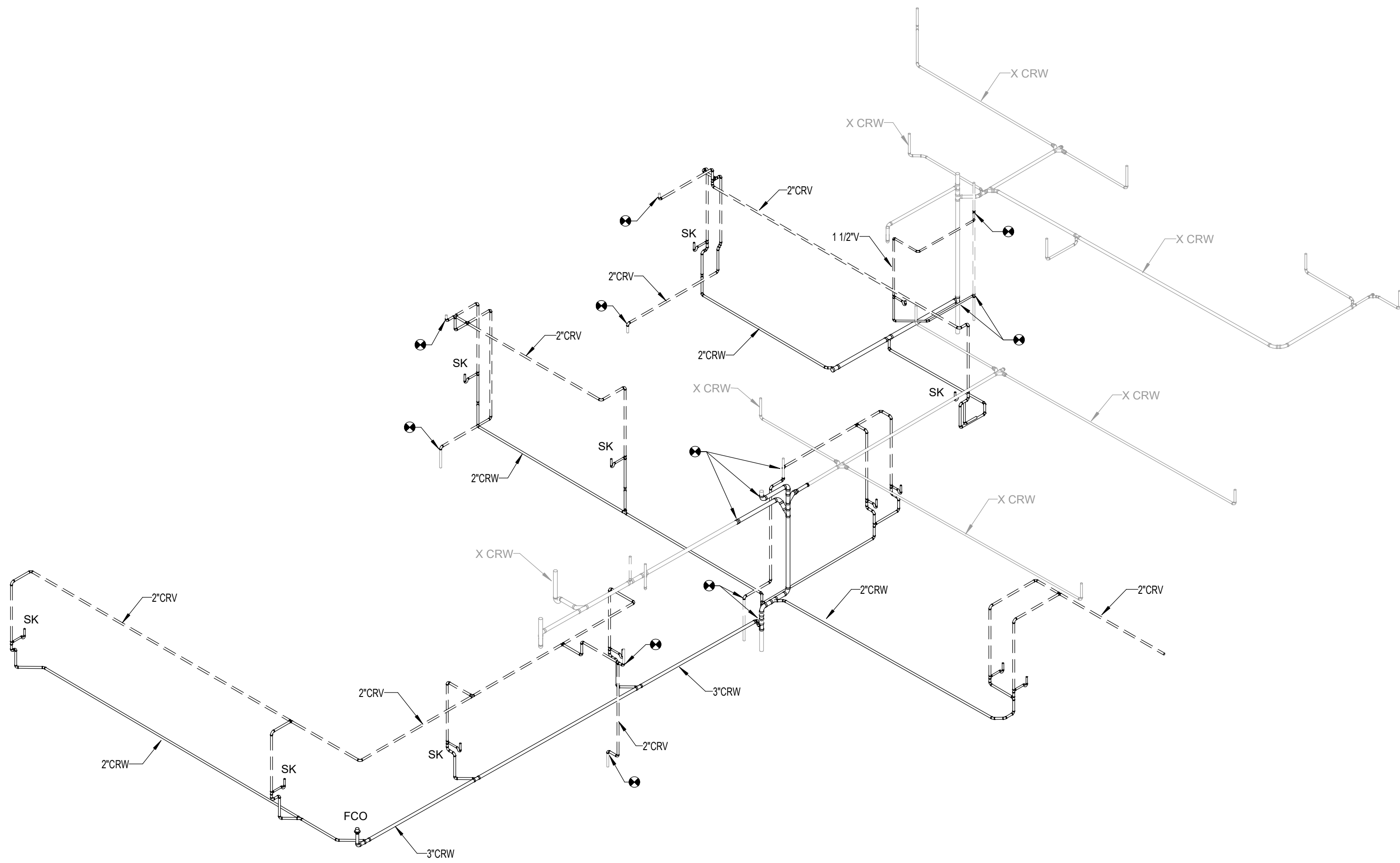
**PLUMBING RESTROOM
RISERS**

PROJECT NO.:	23055-00	DRAWN BY:	RAN
		CHECKED BY:	KAW

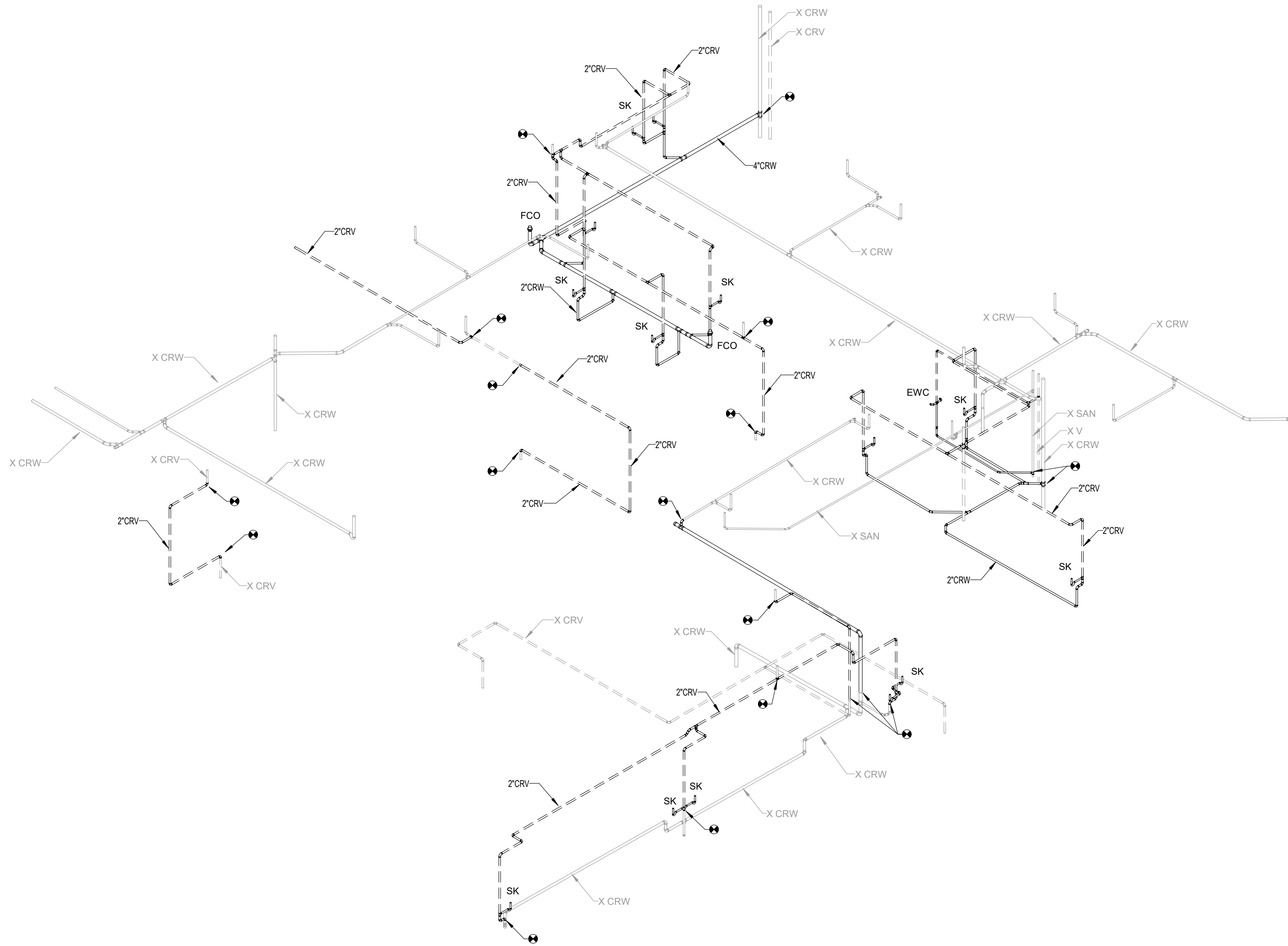
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2 PLUMBING WASTE RISER - WEST
SCALE: NOT TO SCALE



1 PLUMBING WASTE RISER - EAST
SCALE: NOT TO SCALE

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TALLAHASSEE, FL 32304

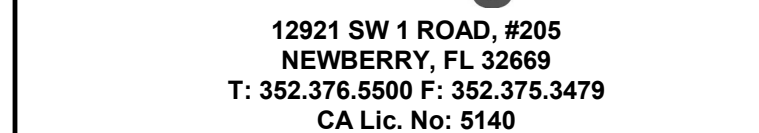
KEY PLAN

DRAWING TITLE:

**PLUMBING LAB RISERS -
WASTE AND VENT**

PROJECT NO.: 23055-00 DRAWN BY: RAN
CHECKED BY: KAW

P702



ENGINEER OF RECORD
ANDREW DAVID PETER FL P.E. NO. 88584

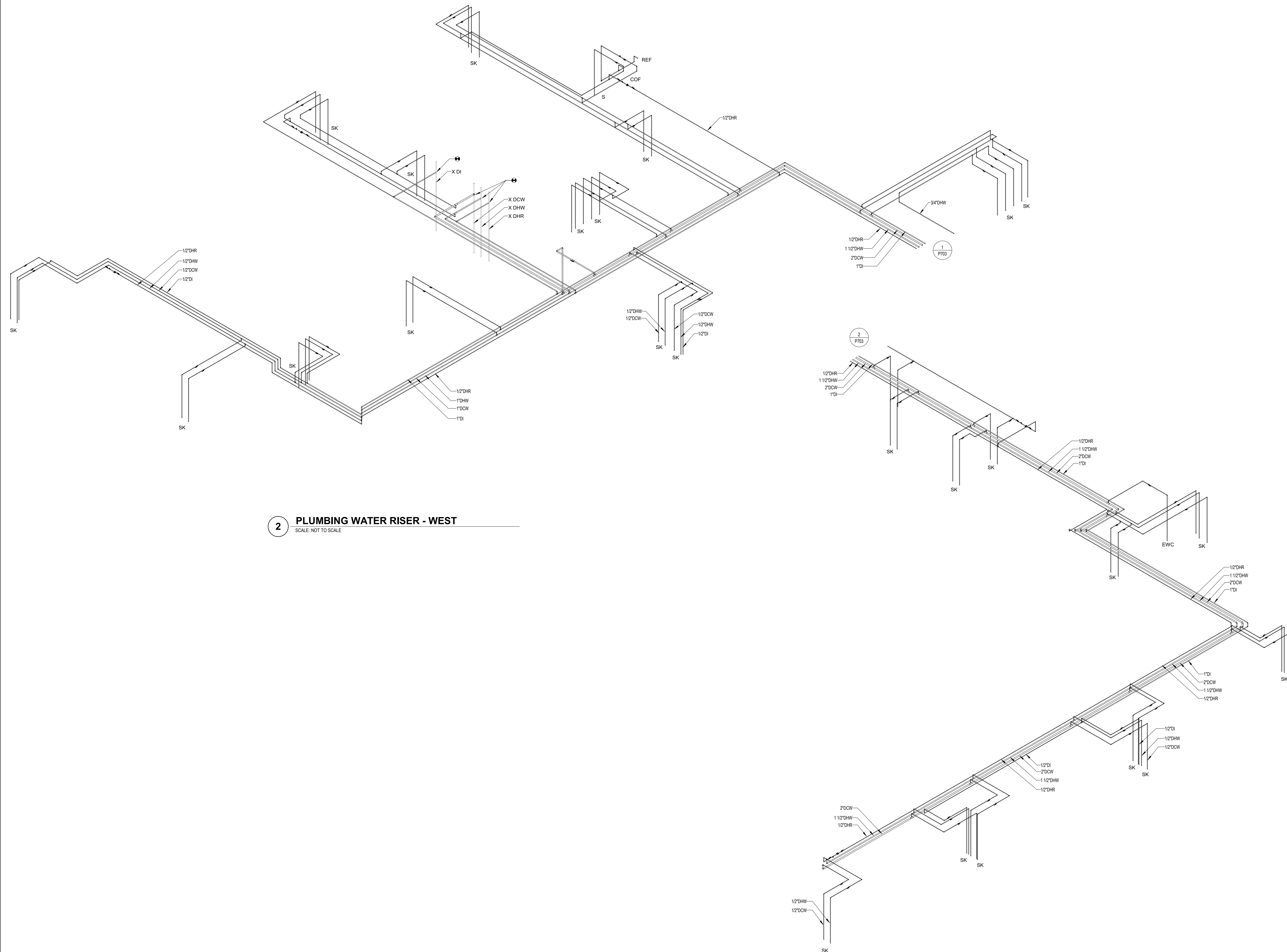
FLORIDA STATE UNIVERSITY,
89 CHIEFTAN WAY,
TALLAHASSEE, FL 32304

DRAWING TITLE:

PROJECT NO.: 23055-00	DRAWN BY: RAN
	CHECKED BY: KAW

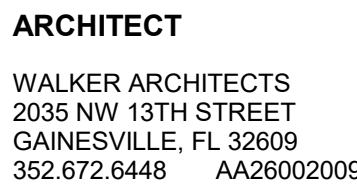
P703

NOT FOR CONSTRUCTION



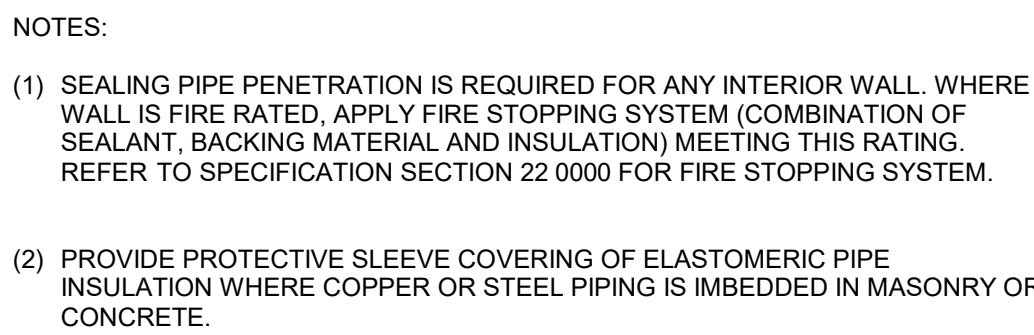
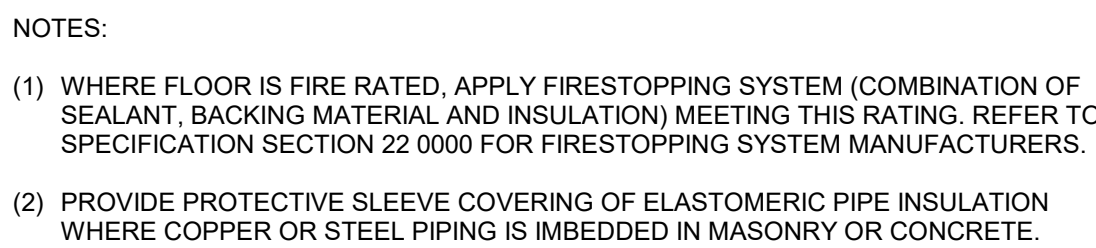
2 PLUMBING WATER RISER - WEST
SCALE: NOT TO SCALE

1 PLUMBING WATER RISER - EAST
SCALE: NOT TO SCALE



AFFILIATED ENGINEERS
12921 SW 1 ROAD, #205
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ENGINEER OF RECORD
ANDREW DAVID PETER FL P.E NO. 88584

SUBMITTAL:		ISSUE DATE:
50% CONSTRUCTION DOCUMENTS		07/23/2024
REVISION	DESCRIPTION	DATE

FLORIDA STATE UNIVERSITY,
89 CHIEFTAN WAY,
TALLAHASSEE, FL 32304

PLUMBING DETAILS

PROJECT NO.: 23055-00	DRAWN BY: RAN
	CHECKED BY: KAW

P801

NOT FOR CONSTRUCTION

DRAINS		
TAG	BASIS OF DESIGN MANUFACTURER AND MODEL	DESCRIPTION
FD-1	JAY R SMITH 2005Y-A-NB-P050	LIGHT DUTY FLOOR DRAIN, TRAP PRIMER CONNECTION
NOTE: FLOOR DRAINS WITH A (TP) SUFFIX SHALL BE CONNECTED TO A TRAP PRIMER SUPPLY.		

BALANCING VALVES						
TAG	LOCATION	SERVICE	BASIS OF DESIGN MANUFACTURER AND MODEL	SIZE (INCHES)	DESIGN CV	DESIGN FLOW RATE (GPM)
BV-1	REFER TO PLUMBING DRAWINGS	DHW	CONTROLS TZV-2111	1/2"	0.6	0.5

PLUMBING FIXTURES												
TAG	FIXTURE		TRIM		DESCRIPTION	WASTE	VENT	TRAP	CONNECTION			
	TYPE	MANUFACTURER AND MODEL NUMBER	TYPE	MANUFACTURER AND MODEL NUMBER					COLD WATER BRANCH SUPPLY	STOP INLET	HOT WATER SUPPLY	STOP INLET
WC-1	WATER CLOSET WALL MOUNTED	KOHLER KINGSTON K-84325			WHITE VITREOUS CHINA, WALL HUNG SIPHON, JET, ELONGATED BOWL, 1.28 GALLONS PER FLUSH, 1-1/2" TOP SPUD INLET.	4"	2"	INTEGRAL	1-1/2"	1"	-	-
			FLUSH VALVE	SLOAN ECOS 111 SFSM-1.1-TMO	1.1 GALLONS PER FLUSH, EXPOSED SENSOR OPERATED DIAPHRAGM FLUSHOMETER, BATTERY, TRUE MECHANICAL OVERRIDE, 1-1/2" TOP SPUD CONNECTION, POLISHED CHROME.							
			CARRIER	ZURN Z1204-N-JL-50	ADJUSTABLE VERTICAL SIPHON, JET NO-HUB, FACE PLATE, REAR SUPPORT FOR SINGLE CARRIERS, FLUSH VALVE SUPPORT, CAST IRON EXTENSION WITH CONNECTOR, LEFT HAND AUXILIARY INLET.							
			TOILET SEAT	BEMIS 1995-SS-C	STAINLESS STEEL SELF-SUSTAINING HINGE, WHITE.							
			ACCESSORIES		GASKETS, BOLTS WITH CHROMIUM PLATED CAPS, NUTS AND WASHERS.							
WC-2	WATER CLOSET WALL MOUNTED BARRIER FREE	KOHLER KINGSTON K-84325			FIXTURE EQUAL TO WC-1, BARRIER FREE MOUNTING HEIGHT. FLUSH VALVE, CARRIER, SEAT AND ACCESSORIES EQUAL TO WC-1.	4"	2"	INTEGRAL	1-1/2"	1"	-	-
UR-1	URINAL	KOHLER			WHITE VITREOUS CHINA, WALL MOUNTED, WASHOUT TYPE, RIM EXTEND TO 14" FROM WALL, 0.125 GALLONS PER FLUSH, 3/4" TOP SPUD INLET.	2"	1-1/2"	INTEGRAL	3/4"	3/4"	-	-
	WALL HUNG	BARDON K-4991-ET			0.125 GALLONS PER FLUSH, EXPOSED SENSOR OPERATED DIAPHRAGM FLUSHOMETER, TRUE MECHANICAL OVERRIDE, BATTERY POWERED, 3/4" TOP SPUD CONNECTION, POLISHED CHROME.							
			FLUSH VALVE	SLOAN 186 SFSM-0.125-TMO	ADJUSTABLE UNIVERSAL CARRIER WITH HANGER PLATE, PIPE UPRIGHTS, LOWER SUPPORT PLATE.							
			CARRIER	J.R. SMITH SERIES 600								
UR-2	URINAL WALL HUNG BARRIER FREE	KOHLER BARDON K-4991-ET			FIXTURE EQUAL TO UR-1, BARRIER FREE MOUNTING HEIGHT. FLUSH VALVE AND CARRIER EQUAL TO UR-1.	2"	1-1/2"	INTEGRAL	3/4"	3/4"	-	-
L-1	LAVATORY UNDERMOUNTED	KOHLER CAXTON K-2210			14" X 17" WHITE VITREOUS CHINA, UNDERMOUNT, SINGLE FAUCET HOLE	1-1/2"	1-1/2"	1-1/4"	1/2"	3/8"	1/2"	3/8"
			FAUCET	CHICAGO FAUCET HYTRONIC 116.201.AB.4	SENSOR ACTIVATED, SINGLE HOLE, 0.35 GPM AERATED SPRAY, BATTERY POWERED SINGLE SUPPLY, POLISHED CHROME.							
			THERMOSTATIC MIXING VALVE	SYMMONS 7-225-CK	POINT OF USE, 3/8" COMPRESSION INLETS AND OUTLETS, INTEGRAL CHECKS/STRAINERS, 0.35 GPM MINIMUM FLOW, LEAD FREE, ASSE 1070, CHROME FINISH.							
			DRAIN & TRAP	MCGUIRE PLOWRAP PW2125H0WC	17-GAUGE TUBULAR BRASS, FIXED GRATE, 1-1/4" OVERFLOW INLET, 1-1/2" OUTLET, 6" HORIZONTAL OFFSET, CAST BRASS P-TRAP WITH CLEANOUT, HEAVY-DUTY BLACK FINISH GRID STRAINER, PRE-WRAPPED, INSULATION KIT FOR SUPPLY STOPS.							
			STOPS & SUPPLIES	MCGUIRE LF2165CCLK	ANGLE PATTERN, LOCK SHIELD CAP, LOOSE KEY HANDLE, 1/2" NPT INLET X 3/8" COMPRESSION OUTLET, POLISHED CHROME.							
L-2	LAVATORY WALL MOUNTED (BARRIER-FREE)	KOHLER GREENWICH K-2031			20-3/4" X 18-1/4" X 7-3/4", WHITE VITREOUS CHINA, UNDERMOUNT, FRONT OVERFLOW.	1-1/2"	1-1/2"	1-1/4"	1/2"	3/8"	1/2"	3/8"
			FAUCET	CHICAGO FAUCET HYTRONIC 116.201.AB.4	SENSOR ACTIVATED, SINGLE HOLE, 0.35 GPM AERATED SPRAY, BATTERY POWERED SINGLE SUPPLY, POLISHED CHROME.							
			THERMOSTATIC MIXING VALVE	SYMMONS 7-225-CK	POINT OF USE, 3/8" COMPRESSION INLETS AND OUTLETS, INTEGRAL CHECKS/STRAINERS, 0.35 GPM MINIMUM FLOW, LEAD FREE, ASSE 1070, CHROME FINISH.							
			DRAIN & TRAP	MCGUIRE PLOWRAP PW2125H0WC	17-GAUGE TUBULAR BRASS, FIXED GRATE, 1-1/4" OVERFLOW INLET, 1-1/2" OUTLET, 6" HORIZONTAL OFFSET, CAST BRASS P-TRAP WITH CLEANOUT, HEAVY-DUTY BLACK FINISH GRID STRAINER, PRE-WRAPPED, INSULATION KIT FOR SUPPLY STOPS.							
			STOPS & SUPPLIES	MCGUIRE LF2165CCLK	ANGLE PATTERN, LOCK SHIELD CAP, LOOSE KEY HANDLE, 1/2" NPT INLET X 3/8" COMPRESSION OUTLET, POLISHED CHROME.							
S-1	SINK SINGLE BOWL BARRIER-FREE	ELKAY ELUHAD211555			TYPE 302 STAINLESS STEEL, 18 GA, SELF-RIMMING, SINGLE COMPARTMENT, SATIN FINISH, FULLY UNDERCOATED, COMPARTMENT, DIMENSIONS 23.5" X 18.25" X 5"	1-1/2"	1-1/2"	1-1/4"	1/2"	1/2"	1/2"	1/2"
			FAUCET	CHICAGO FAUCET 434-ABCP	CAST OR COPPER ALLOY MIXING VALVE FAUCET, 8" SWING GOOSENECK, WRIST BLADE HANDLES, POLISHED CHROME FINISH 1.5 GPM FLOW CONTROL, 8" FAUCET CENTERS, RENEWABLE OR REPLACEABLE OPERATING MECHANISM, STAINLESS STEEL BODY, 1-1/2" CHROME PLATED BRASS TAILPIECE, STAINLESS BASKET STRAINER, 3-1/2" OPENING.							
			DRAIN	ELKAY LK-99	1-1/2" X 1-1/2" P-TRAP WITH CLEANOUT PLUG, ADJUSTABLE WITH CONNECTED ELBOW AND NIPPLE TO WALL, POLISHED CHROME.							
			TRAP	MCGUIRE 8912CNC	ANGLE PATTERN, LOCK SHIELD CAP, LOOSE KEY HANDLE, 1/2" NPT INLET X 1/2" NPT OUTLET, POLISHED CHROME.							
			STOPS & SUPPLIES	MCGUIRE LF2167CCLK								
EWC-1	ELECTRIC WATER COOLER BARRIER-FREE WITH BOTTLE FILLER	ELKAY LZSTL8WSSP			DUAL LEVEL, BOTTLE FILLER, SELF-CONTAINED, SURFACE WALL MOUNTED, BASIN OVER CABINET, HFC-134A REFRIGERANT, 8 GPM MINIMUM CAPACITY, ANTI-SPLASH STAINLESS STEEL BASIN, STAINLESS STEEL CABINET, SENSOR ACTIVATED BOTTLE FILLER, PUSH-BAR ACTIVATED FOUNTAINS, AUTOMATIC STREAM REGULATOR, POLISHED CHROME TRIM, CANE APRON FOR FIXTURES IN CIRCULATION PATHS.	1-1/2"	1-1/2"	1-1/4"	1/2"	3/8"	-	-
			TRAP		1-1/4" X 1-1/2" P-TRAP WITH CLEANOUT PLUG, ADJUSTABLE WITH CONNECTED ELBOW AND NIPPLE TO WALL, PVC.							
REF-1	REFRIGERATOR FURNISHED BY OTHERS	REFER TO ARCHITECTURAL DRAWINGS			STRAIGHT PATTERN, LOCK SHIELD CAP, LOOSE KEY HANDLE, 1/2" NPT INLET AND OUTLET, POLISHED CHROME.	-	-	-	1/2"	3/8"	-	-
			WALL BOX WITH SUPPLY	GUY GRAY MBHAA8	EQUIPMENT CONNECTION.							
COF-1	COFFEE MAKER FURNISHED BY OTHERS	REFER TO ARCHITECTURAL DRAWINGS			METAL POWDER COATED WALL BOX, ANGLE PATTERN SUPPLY VALVE, 1/2" SWEAT INLET, 1/4 TURN, LEAD FREE, WITH HAMMER ARRESTOR.	-	-	-	1/2"	3/8"		
			SUPPLY BACKFLOW PREVENTER	WATTS SD-3	EQUIPMENT CONNECTION.							
JS-1	JANITORS SINK	FIAT TSB3001			ANGLE PATTERN, SUPPLY VALVE, 1/2" SWEAT INLET, 1/4 TURN, LEAD FREE, WITH HAMMER ARRESTOR.	3"	1-1/2"	3"	3/4"	1/2"	3/4"	1/2"
					316 SS CONSTRUCTION, NPT CONNECTION, 200 PSIG, 110F, ASSE 1022, WITH STRAINER.							
			FAUCET	CHICAGO FAUCET 765-VBK0CQP	FLOOR MOUNTED, STAIN RESISTANT, WHITE PRE-CAST TERRAZZO WITH STAINLESS STEEL SPLASH PANELS AND STAINLESS STEEL CAP, 32" X 32" X 12" DEEP, INTEGRAL STAINLESS STEEL GRID STRAINER.							
			HOSE AND BRACKET	FIAT 832-AA	COMBINATION FAUCET MOUNTED 36" ABOVE FINISHED FLOOR, PAIL HOOK, 3/4" HOSE CONNECTION, TOP OR BOTTOM WALL BRACE, CONCEALED INTEGRAL STOPS, 8" CENTERS, VACUUM BREAKER SPOUT, POLISHED CHROME, CERAMIC CARTRIDGES.							
			WALL GUARD	FIAT MSG3624	30" LONG, 5/8" RUBBER HOSE AND STAINLESS STEEL HOSE BRACKET, MOUNT BRACKET MINIMUM 18" ABOVE FINISHED FLOOR AND 6" LEFT OF FAUCET CENTER, TYPE 304 STAINLESS STEEL, 20 GAUGE, 12" HEIGHT.							
HB-1	HOSE BIBB	WOODFORD B75	N/A	N/A	ANTI-SIPHON, WALL MOUNTED, CONCEALED BOX TYPE, 3/4" THREADED CONNECTION, ASSE 1011 COMPLIANT, CHROME FINISH.	-	-	-	3/4"	3/4"	-	-
TP-1	TRAP PRIMER	PRECISION PLUMBING PRODUCTS		PR-500 P-#	PIPELINE MOUNTED, REFER TO DRAWINGS FOR NUMBER OF OUTLETS.	-	-	-	1/2"	1/2"	-	-

TAG	FIXTURE		TRIM		DESCRIPTION	CONNECTIONS				
	TYPE	MANUFACTURER AND MODEL NUMBER	TYPE	MANUFACTURER AND MODEL NUMBER		WASTE (CRW)	VENT (CRV)	TRAP	COLD WATER (DCW)	HOT WATER (DHW)
SK-1	LABORATORY BENCH DROP-IN SINK ADA	REFER TO ARCHITECTURAL DRAWINGS	FAUCET	REFER TO ARCHITECTURAL DRAWINGS	LAB MIXING FAUCET	2"	1-1/2"	1-1/2"	1/2"	1/2"
			EYEWASH	REFER TO ARCHITECTURAL DRAWINGS	DECK MOUNTED					
			DRAIN	ELKAY LK-99	STAINLESS STEEL BODY, 1-1/2" CHROME PLATED BRASS TAILPIECE, STAINLESS BASKET STRAINER, 3-1/2" OPENING.					
			TRAP	MCGUIRE LF2167CCLK	1-1/2" X 1-1/2" P-TRAP WITH CLEANOUT PLUG, ADJUSTABLE WITH CONNECTED ELBOW, POLYPROPYLENE.					
SK-2	LABORATORY BENCH DROP-IN SINK	REFER TO ARCHITECTURAL DRAWINGS	FAUCET	REFER TO ARCHITECTURAL DRAWINGS	LAB MIXING FAUCET	2"	1-1/2"	1-1/2"	1/2"	1/2"
			DI FAUCET	REFER TO ARCHITECTURAL DRAWINGS	PURE WATER FAUCET					
			DRAIN	ELKAY LK-99	STAINLESS STEEL BODY, 1-1/2" CHROME PLATED BRASS TAILPIECE, STAINLESS BASKET STRAINER, 3-1/2" OPENING.					
			TRAP	MCGUIRE LF2167CCLK	1-1/2" X 1-1/2" P-TRAP WITH CLEANOUT PLUG, ADJUSTABLE WITH CONNECTED ELBOW, POLYPROPYLENE.					
SK-3	LABORATORY BENCH UNDERMOUNT SINK	REFER TO ARCHITECTURAL DRAWINGS	FAUCET	REFER TO ARCHITECTURAL DRAWINGS	LAB MIXING FAUCET	2"	1-1/2"	1-1/2"	1/2"	1/2"
			DI FAUCET	REFER TO ARCHITECTURAL DRAWINGS	PURE WATER FAUCET					
			DRAIN	ELKAY LK-99	STAINLESS STEEL BODY, 1-1/2" CHROME PLATED BRASS TAILPIECE, STAINLESS BASKET STRAINER, 3-1/2" OPENING.					
			TRAP	MCGUIRE LF2167CCLK	1-1/2" X 1-1/2" P-TRAP WITH CLEANOUT PLUG, ADJUSTABLE WITH CONNECTED ELBOW, POLYPROPYLENE.					
SK-4	LABORATORY BENCH UNDERMOUN SINK WITH DRAINBOARD	REFER TO ARCHITECTURAL DRAWINGS	FAUCET	REFER TO ARCHITECTURAL DRAWINGS	PRE-RINSE UNIT	2"	1-1/2"	1-1/2"	1/2"	1/2"
			FAUCET	REFER TO ARCHITECTURAL DRAWINGS	GOOSENECK FAUCET AND FOOT OPERATED VALVE					
			DRAIN	ELKAY LK-99	STAINLESS STEEL BODY, 1-1/2" CHROME PLATED BRASS TAILPIECE, STAINLESS BASKET STRAINER, 3-1/2" OPENING.					
			TRAP	MCGUIRE LF2167CCLK	1-1/2" X 1-1/2" P-TRAP WITH CLEANOUT PLUG, ADJUSTABLE WITH CONNECTED ELBOW, POLYPROPYLENE.					
DIP-1	DI POLISHER (OPDI)	REFER TO ARCHITECTURAL DRAWINGS	STOPS & SUPPLIES	MCGUIRE LF2167CCLK	ANGLE PATTERN, LOCK SHIELD CAP, LOOSE KEY HANDLE, 1/2" NPT INLET X 1/2" NPT OUTLET, POLISHED CHROME.					
					EQUIPMENT CONNECTION, TERMINATE WITH BALL VALVE AND CAP.					