

Architecture
Planning

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JDR PROJECT NO. 160139

ISSUE

PLUMBING FIXTURE SCHEDULE

REFER TO SPECIFICATION SECTION 22 40 00 FOR ACCEPTABLE EQUAL MANUFACTURERS

ID	FIXTURE	WASTE			WATER				DETAIL/ SHEET	DESCRIPTION/REMARKS
		DFU	TRAP	VENT (MIN)	COLD		HOT			
					CWFU	SIZE	HWFU	SIZE		
DW-1	DISHWASHER (BY OTHERS)	2	1-1/2"	1-1/2"	---	---	1	1/2"	---	FIXTURE: BY OTHERS. CONNECT 1/2"HW TO UNIT WITH BALL VALVE & WATER HAMMER ARRESTOR BEHIND UNIT, ROUTE DRAIN LINE TO SINK WASTE WITH AIR GAP FITTING. COORDINATE WITH GC FOR EXACT CONNECTION REQUIREMENTS.
HB-1	HOSE BIBB	---	---	---	3	1/2"	---	---	---	FIXTURE: WOODFORD MODEL 24 ANTI-SIPHON HOSE BIBB, EXPOSED COLD WATER, INTEGRAL VACUUM BREAKER, 3/4" HOSE CONNECTION.
IM-1	ICE MAKER WALL BOX	---	---	---	0.5	1/2"	---	---	---	FIXTURE: GUY GRAY W9700HA WATERTIGHT RECESSED ICE MACHINE BOX, 20 GAUGE STEEL, WHITE, COLD WATER SUPPLY WITH 1/4 TURN VALVE, SWEAT CONNECTIONS, PRE-INSTALLED WATER HAMMER ARRESTOR.
L-1	LAVATORY (ADA COMPLIANT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P900	FIXTURE: KOHLER KINGSTON K-2005 WALL MOUNTED LAVATORY SINK, WHITE VITREOUS CHINA, THREE FAUCET HOLES ON 2" CENTERS, WITH OVERFLOW, ADA COMPLIANT. FAUCET: CHICAGO FAUCETS 2200-4-2300-4KCP MANUAL FAUCET, SINGLE LEVER, SOLID BRASS CONSTRUCTION, CHROME FINISH, CERAMIC CARTRIDGE, 0.5 GPM AERATOR, MOUNTED ON 4" CENTERS, ADA COMPLIANT. TRAP & DRAIN: PRE-WRAPPED OFFSET DRAIN & P-TRAP, WITH GRID STRAINER DRAIN. STOPS & SUPPLIES: McGUIRE LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.
L-2	LAVATORY (ADA COMPLIANT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P900	FIXTURE: KOHLER PENNINGTON K-2196-4N SELF-RIMMING LAVATORY SINK, VITREOUS CHINA, THREE FAUCET HOLES ON 2" CENTERS, LESS OVERFLOW, ADA COMPLIANT. FAUCET: CHICAGO FAUCETS 895-317RGD1E72XKAB MANUAL FAUCET, TWO WRIST BLADE LEVERS, 3.5" GOOSENECK SPOUT, SOLID BRASS CONSTRUCTION, CHROME FINISH, CERAMIC CARTRIDGES, 0.5 GPM AERATOR, MOUNTED ON 4" CENTERS, ADA COMPLIANT. TRAP & DRAIN: PRE-WRAPPED OFFSET DRAIN & P-TRAP, WITH GRID STRAINER DRAIN. STOPS & SUPPLIES: McGUIRE LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.
MB-1	MOP BASIN	3	3"	1-1/2"	2	1/2"	2	1/2"	---	FIXTURE: FIELD BUILT BY GC. FAUCET: CHICAGO FAUCETS SERVICE SINK FAUCET 305-RRCF WITH ROUGH CHROME FINISH, 3/4" MALE HOSE THREADED OUTLET, PAIL HOOK, ADJUSTABLE SUPPLY ARMS WITH INTEGRAL SERVICE STOPS AND LEVER HANDLES. PROVIDE WATTS MODEL 8AC NON-REMOVABLE CHROME VACUUM BREAKER. TRAP & DRAIN: CAST IRON OR PVC P-TRAP. ACCESSORIES: HOSE & HOSE HOLDER 65.700, & MOP HANGER 65.600.
S-1	SINK (ADA COMPLIANT)	2	1-1/2"	1-1/2"	1.5	1/2"	1.5	1/2"	---	FIXTURE: ELKAY LRAD2022653 LUSTERSTONE SELF-RIMMING SINK, 18 GAUGE TYPE 304 STAINLESS STEEL, THREE FAUCET HOLES ON 4" CENTERS, ADA COMPLIANT. FAUCET: CHICAGO FAUCETS 1100-E35-317XKABCP MANUAL FAUCET, 8" SWING SPOUT, TWO WRIST BLADE LEVERS, SOLID BRASS CONSTRUCTION, CHROME FINISH, CERAMIC CARTRIDGES, 1.5 GPM AERATOR, TWO (2) FAUCET HOLES ON 8" CENTERS, ADA COMPLIANT. TRAP & DRAIN: 17 GAUGE CHROME PLATED BRASS P-TRAP, WITH GRID STRAINER DRAIN. STOPS & SUPPLIES: McGUIRE LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.
WC-1	WATER CLOSET (ADA HEIGHT)	6	4"	2"	3	3/4"	---	---	---	FIXTURE: KOHLER HIGHLINE K-3658, FLOOR MOUNTED WATER CLOSET, 1.28 GPF, TANK TYPE, WHITE VITREOUS CHINA, ELONGATED BOWL, ADA HEIGHT. SEAT: KOHLER LUSTRA K-4670-CA, OPEN FRONT TOILET SEAT, INJECTION MOLDED, WITH ANTI-MICROBIAL AGENT. STOPS & SUPPLIES: McGUIRE H2167LK, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.
WH-1	WALL HYDRANT	---	---	---	4	3/4"	---	---	---	FIXTURE: WOODFORD MODEL 67, EXTERNAL FREEZELESS WALL HYDRANT, AUTOMATIC DRAINING, INTEGRAL VACUUM BREAKER, 3/4" HOSE CONNECTION, LOOSE TEE KEY.

PLUMBING LEGEND

	EXISTING PIPING TO BE REMOVED/DEMOLISHED
	EXISTING PIPING (SERVICE DESIGNATED)
	SANITARY DRAIN, WASTE OR SEWER (SAN)
	STORM DRAIN CONDUCTOR OR SEWER
	GREASY WASTE
	VENT (V)
	COLD WATER
	HOT WATER
	HOT WATER RECIRCULATION
	COLD SOFT WATER
	DOMESTIC WATER SERVICE
	TEE (BRANCH TO SIDE)
	TEE (BRANCH DOWN)
	RISER UP
	RISER DOWN
	CLEANOUT (CO)
	WALL CLEANOUT (WCO)
	FLOOR CLEANOUT (FCO)
	YARD CLEANOUT (YCO)
	DOWNSPOUT NOZZLE (DSN)
	UNION
	FLANGE
	FLOW
	CHECK VALVE
	HOSE BIBB (HB) OR WALL HYDRANT (WH)
	POINT OF CONNECTION (POC)
	CAP
	BALANCING VALVE
	SHUT-OFF VALVE
	PIPE STRAINER
	FIXTURE STOP
	VALVE IN RISER
	THERMOMETER
	PRESSURE GAUGE
	WATER HAMMER ARRESTOR
	RELIEF VALVE
	RPBP - REDUCED PRESSURE ZONE BACKFLOW PREVENTER
	FLOOR DRAIN (FD)
	HUB DRAIN (HD)
	AREA DRAIN (AD)
	ROOF DRAIN (RD) OR OVERFLOW ROOF DRAIN (ORD)
	DEMOLITION KEYED NOTE
	NEW WORK KEYED NOTE
	REVISION KEYED NOTE
	TAG FOR CONTINUATION MATCH POINTS

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
CB	CATCH BASIN
CO	CLEANOUT
CS	COLD SOFT WATER
CW	COLD WATER
DSN	DOWNSPOUT NOZZLE
DW	DISHWASHER
E	EXISTING
EC	ELECTRICAL CONTRACTOR
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
GC	GENERAL CONTRACTOR
GD	GARBAGE DISPOSAL
GI	GREASE TRAP/INTERCEPTOR
GW	GREASY WASTE
HB	HOSE BIBB
HC	HVAC CONTRACTOR
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
IE	INVERT ELEVATION
L	LAVATORY
M	METER
MB	MOP BASIN
MH	MANHOLE
NPC	NON-POTABLE COLD WATER
PC	PLUMBING CONTRACTOR
PRV	PRESSURE REGULATING VALVE
RPBP	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
S	SINK
SAN	SANITARY
ST	STORM
T	TEMPERED WATER
TMV	THERMOSTATIC MIXING VALVE
UR	URINAL
V	VENT
VTR	VENT THRU ROOF
W	DOMESTIC WATER SERVICE
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WHR	WATER HEATER
WM	WASHING MACHINE UTILITY BOX
WS	WATER SOFTENER
YCO	YARD CLEANOUT

PLUMBING DRAIN & CLEANOUT SCHEDULE

ID	FIXTURE	WASTE			DETAIL/ SHEET	DESCRIPTION/REMARKS
		DFU	TRAP	VENT		
FD-1	FLOOR DRAIN	3	3"	1-1/2"	---	FIXTURE: ZURN ZN508, CAST IRON BODY, 9" DIAMETER NICKEL BRONZE TOP, SEEPAGE PAN, COMBINATION MEMBRANE FLASHING CLAMP & FRAME, AND HEAVY DUTY DEEP FLANGE SLOTTED GRATE.
HD-1	HUB DRAIN - AT GRADE	3	2"	1-1/2"	---	EXTEND HUB 2" AFF (MIN), INSTALL PIPE INCREASER ONE PIPE SIZE LARGER.
FCO	FLOOR CLEANOUT	---	---	---	---	FINISHED AREAS WITH HARD FLOORS: ZURN ZN1400-BP, CAST IRON, ADJUSTABLE FLOOR CLEANOUT WITH NICKEL BRONZE TOP & BRONZE PLUG. FINISHED AREAS WITH CARPETED FLOORS: ZURN ZN1400-BP-CM, CAST IRON, ADJUSTABLE FLOOR CLEANOUT WITH NICKEL BRONZE TOP & BRONZE PLUG, WITH CARPET MARKER. UNFINISHED AREAS: ZURN ZN1474-N, CAST IRON BODY, HEAVY DUTY CLEANOUT HOUSING, WITH NICKEL BRONZE TOP & INTERNAL CLEANOUT.
WCO	WALL CLEANOUT	---	---	---	---	FIXTURE: ZURN ZS1468, POLISHED STAINLESS STEEL, ROUND ACCESS COVER, SECURING SCREW & BRONZE RAISED HEX HEAD PLUG. VERIFY LENGTH OF SCREW REQUIRED WITH WALL CONSTRUCTION.

WATER SOFTENER SCHEDULE

ID	MANUFACTURER MODEL #	ELECTRICAL			GPM		MAX PRESS DROPT	GRAINS CAPACITY/ LBS SALT	RESIN TANK SIZE		SALT STORAGE			DETAIL/ SHEET	DESCRIPTION/REMARKS
		AMPS	VOLTS	PHASE	CONT	PEAK			DIA	HEIGHT	DIA	HEIGHT	LBS		
WS-1	HELLENBRAND 125-32-10	FRACT	120	1	22	31	15	28,060/10	10	44	18	44	330	4/P900	1.25" METER AND VALVE, 1 CU FT OF MINERAL.

CIRCULATION PUMP SCHEDULE

ID	MANUFACTURER MODEL #	ELECTRICAL				RPM	VFD	DISCHARGE		DETAIL/ SHEET	DESCRIPTION/REMARKS
		HP	AMPS	VOLTS	PHASE			GPM	HD FT		
CP-1	B&G NBF-9U	FRACT	0.40	120	1	2800	NO	1	8	5/P900	LEAD-FREE BRONZE CIRCULATOR, STAINLESS STEEL ACCESSORIES, NORYL IMPELLER, CERAMIC SHAFT WITH CARBON BEARINGS. INCLUDE TIMER KIT TC-1.

GAS WATER HEATER SCHEDULE

ID	MANUFACTURER MODEL #	GAS CFH	GAS PRESS IN WC	RECOVERY		TANK CAP GAL	DETAIL/ SHEET	DESCRIPTION/REMARKS
				GPH	RISE °F			
WHR-1	HTP PHOENIX PH76-50	25-76	12	119	80	50	5/P900	TANK TYPE NATURAL GAS FIRED WATER HEATER, 97% EFFICIENT, SEALED COMBUSTION, 3 TO 1 MODULATING BURNER, 2" INTAKE AND VENT, 316L STAINLESS STEEL TANK, LCD DISPLAY. PROVIDE CONCENTRIC VENT KIT KGAVT0501CVT.

PLUMBING SHEET INDEX

P000	SYMBOLS, ABBREVIATIONS, AND SCHEDULES - PLUMBING
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P200	UNDERFLOOR PLAN - PLUMBING
P201	FIRST FLOOR PLAN - PLUMBING
P400	WASTE AND VENT ISOMETRICS - PLUMBING
P401	DOMESTIC WATER ISOMETRICS - PLUMBING
P900	DETAILS - PLUMBING

PROJECT
PARK EDGE / PARK RIDGE
EMPLOYMENT CENTER

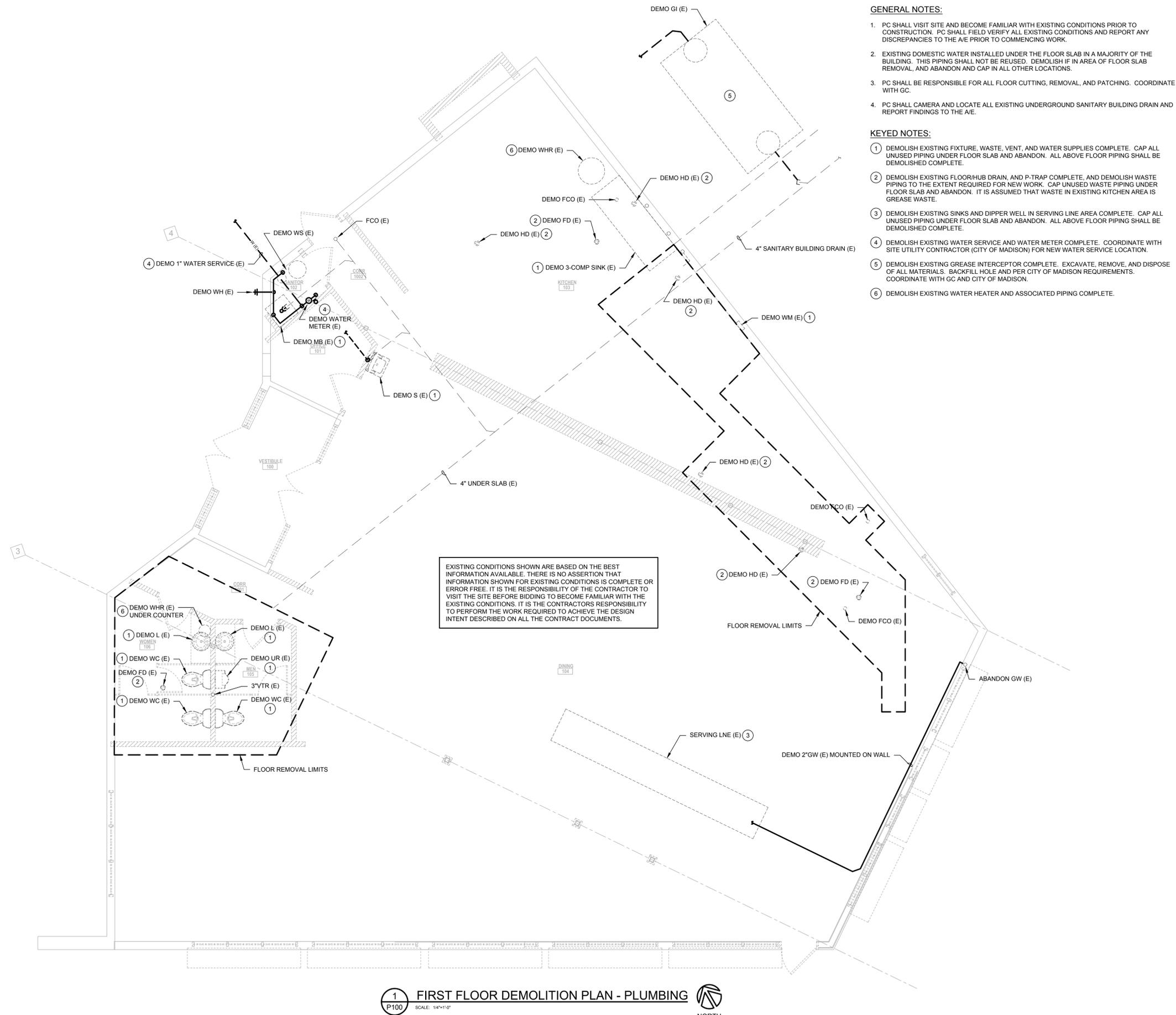
1233 MCKENNA BLVD
MADISON, WI 53719
Contract No. 8213 / Munis
No. 10066

PROJECT NO.
16010-00

DRAWING
SYMBOLS,
ABBREVIATIONS, AND
SCHEDULES - PLUMBING

DATE
05.15.18

P000



PROJECT
PARK EDGE / PARK RIDGE
EMPLOYMENT CENTER

1233 MCKENNA BLVD
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Contract No. 8213 / Munis
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PROJECT NO.
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DRAWING
FIRST FLOOR DEMOLITION
PLAN - PLUMBING

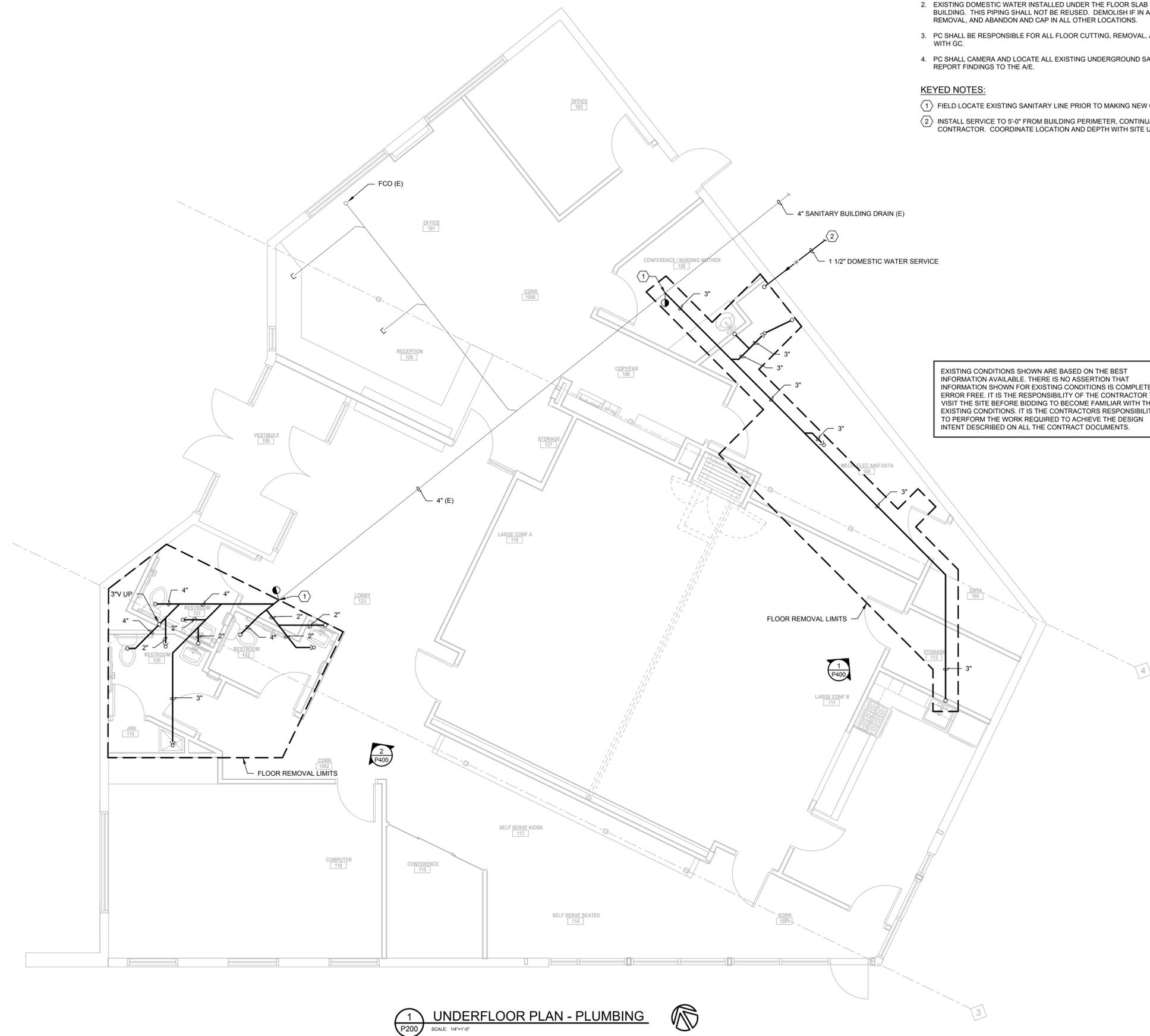
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GENERAL NOTES:

1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. EXISTING DOMESTIC WATER INSTALLED UNDER THE FLOOR SLAB IN A MAJORITY OF THE BUILDING. THIS PIPING SHALL NOT BE REUSED. DEMOLISH IF IN AREA OF FLOOR SLAB REMOVAL, AND ABANDON AND CAP IN ALL OTHER LOCATIONS.
3. PC SHALL BE RESPONSIBLE FOR ALL FLOOR CUTTING, REMOVAL, AND PATCHING. COORDINATE WITH GC.
4. PC SHALL CAMERA AND LOCATE ALL EXISTING UNDERGROUND SANITARY BUILDING DRAIN AND REPORT FINDINGS TO THE A/E.

KEYED NOTES:

- 1 FIELD LOCATE EXISTING SANITARY LINE PRIOR TO MAKING NEW CONNECTIONS.
- 2 INSTALL SERVICE TO 5'-0" FROM BUILDING PERIMETER, CONTINUATION BY SITE UTILITY CONTRACTOR. COORDINATE LOCATION AND DEPTH WITH SITE UTILITY CONTRACTOR AND GC.



EXISTING CONDITIONS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

1 UNDERFLOOR PLAN - PLUMBING
P200 SCALE: 1/4"=1'-0"



ISSUE

PROJECT
PARK EDGE / PARK RIDGE
EMPLOYMENT CENTER

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16010-00

DRAWING
UNDERFLOOR PLAN -
PLUMBING

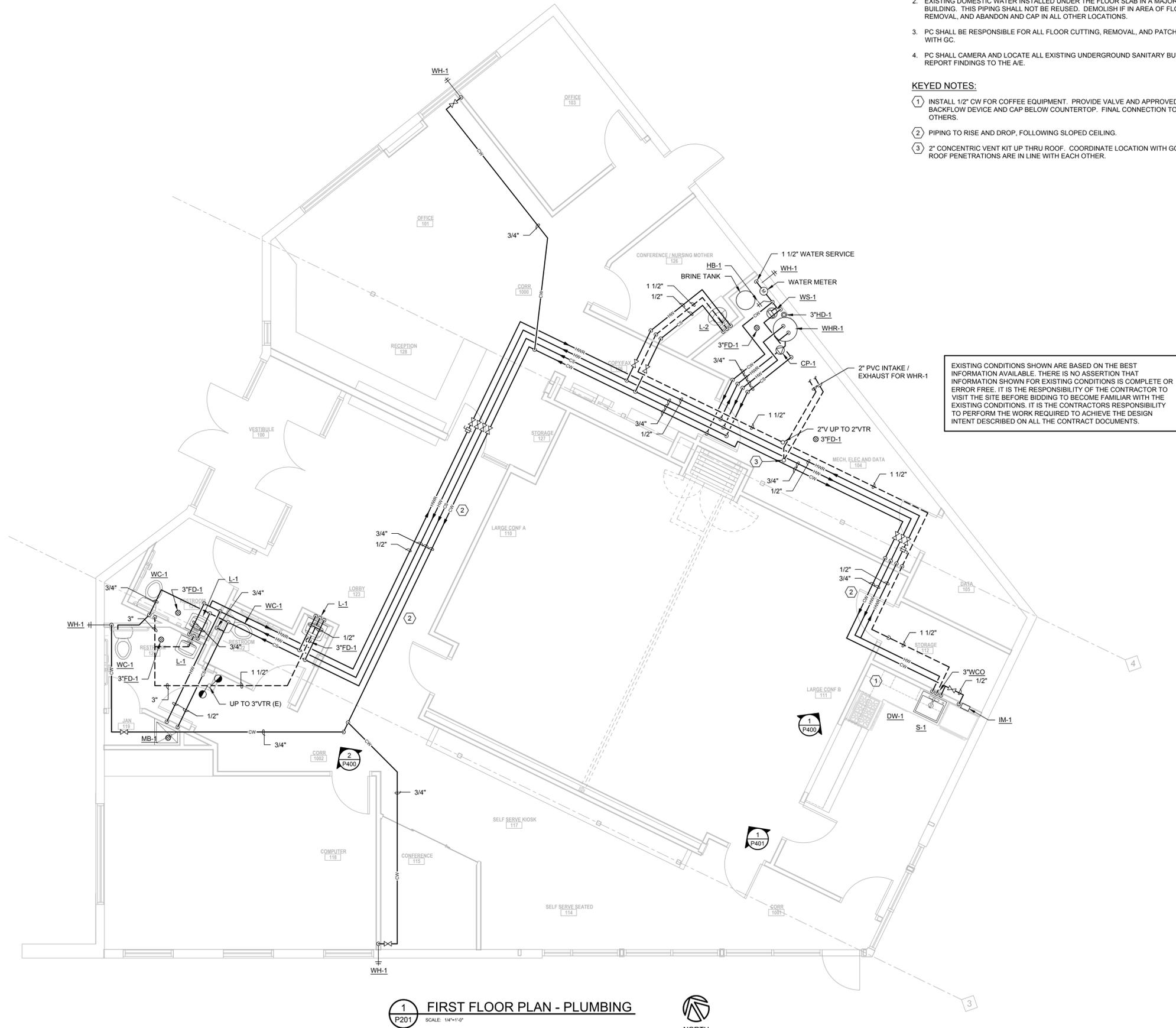
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GENERAL NOTES:

1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. EXISTING DOMESTIC WATER INSTALLED UNDER THE FLOOR SLAB IN A MAJORITY OF THE BUILDING. THIS PIPING SHALL NOT BE REUSED. DEMOLISH IF IN AREA OF FLOOR SLAB REMOVAL, AND ABANDON AND CAP IN ALL OTHER LOCATIONS.
3. PC SHALL BE RESPONSIBLE FOR ALL FLOOR CUTTING, REMOVAL, AND PATCHING. COORDINATE WITH GC.
4. PC SHALL CAMERA AND LOCATE ALL EXISTING UNDERGROUND SANITARY BUILDING DRAIN AND REPORT FINDINGS TO THE A/E.

KEYED NOTES:

1. INSTALL 1/2" CW FOR COFFEE EQUIPMENT. PROVIDE VALVE AND APPROVED ASSE 1022 BACKFLOW DEVICE AND CAP BELOW COUNTERTOP. FINAL CONNECTION TO EQUIPMENT BY OTHERS.
2. PIPING TO RISE AND DROP, FOLLOWING SLOPED CEILING.
3. 2" CONCENTRIC VENT KIT UP THRU ROOF. COORDINATE LOCATION WITH GC AND HC SO ALL ROOF PENETRATIONS ARE IN LINE WITH EACH OTHER.



EXISTING CONDITIONS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

1 FIRST FLOOR PLAN - PLUMBING
P201 SCALE: 1/4"=1'-0"



NORTH

ISSUE

PROJECT
PARK EDGE / PARK RIDGE
EMPLOYMENT CENTER

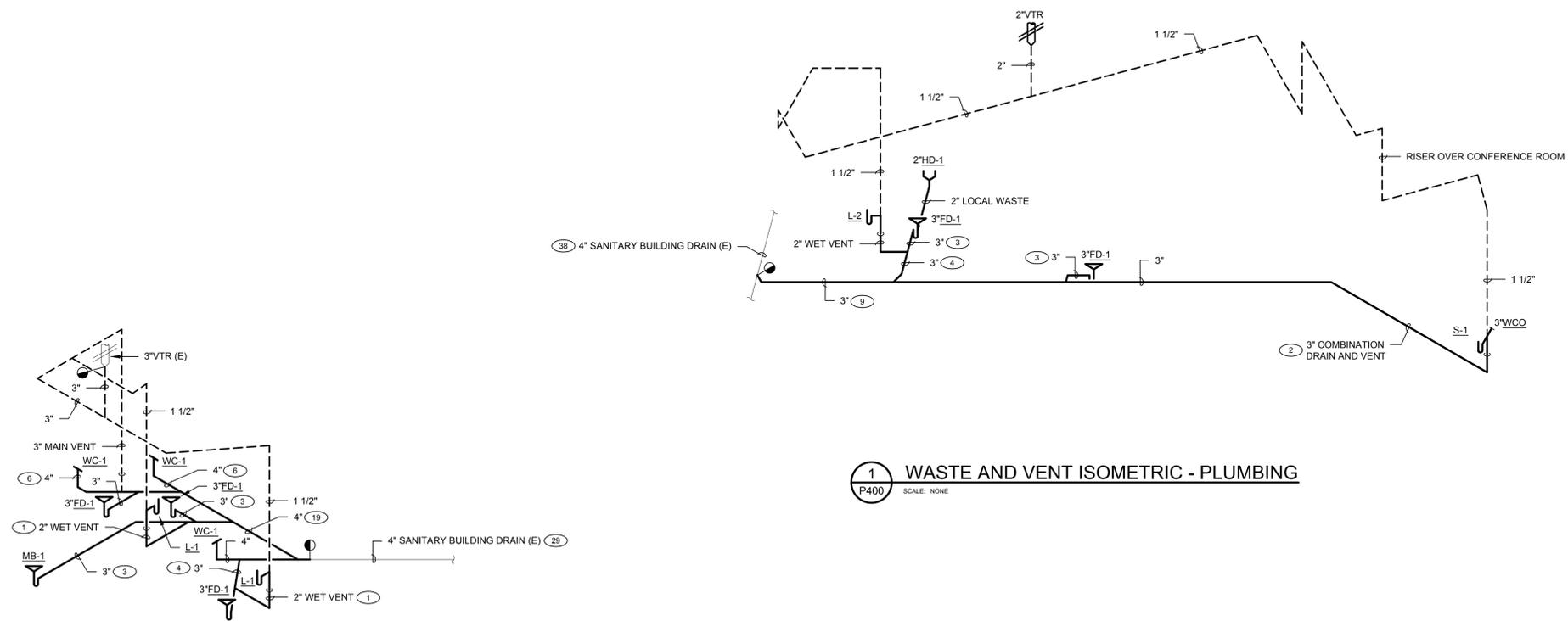
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16010-00

DRAWING
FIRST FLOOR PLAN -
PLUMBING

DATE
05.15.18

ISSUE



1 WASTE AND VENT ISOMETRIC - PLUMBING
P400 SCALE: NONE

2 WASTE AND VENT ISOMETRIC - PLUMBING
P400 SCALE: NONE

PROJECT
PARK EDGE / PARK RIDGE
EMPLOYMENT CENTER

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16010-00

DRAWING
WASTE AND VENT
ISOMETRICS -
PLUMBING

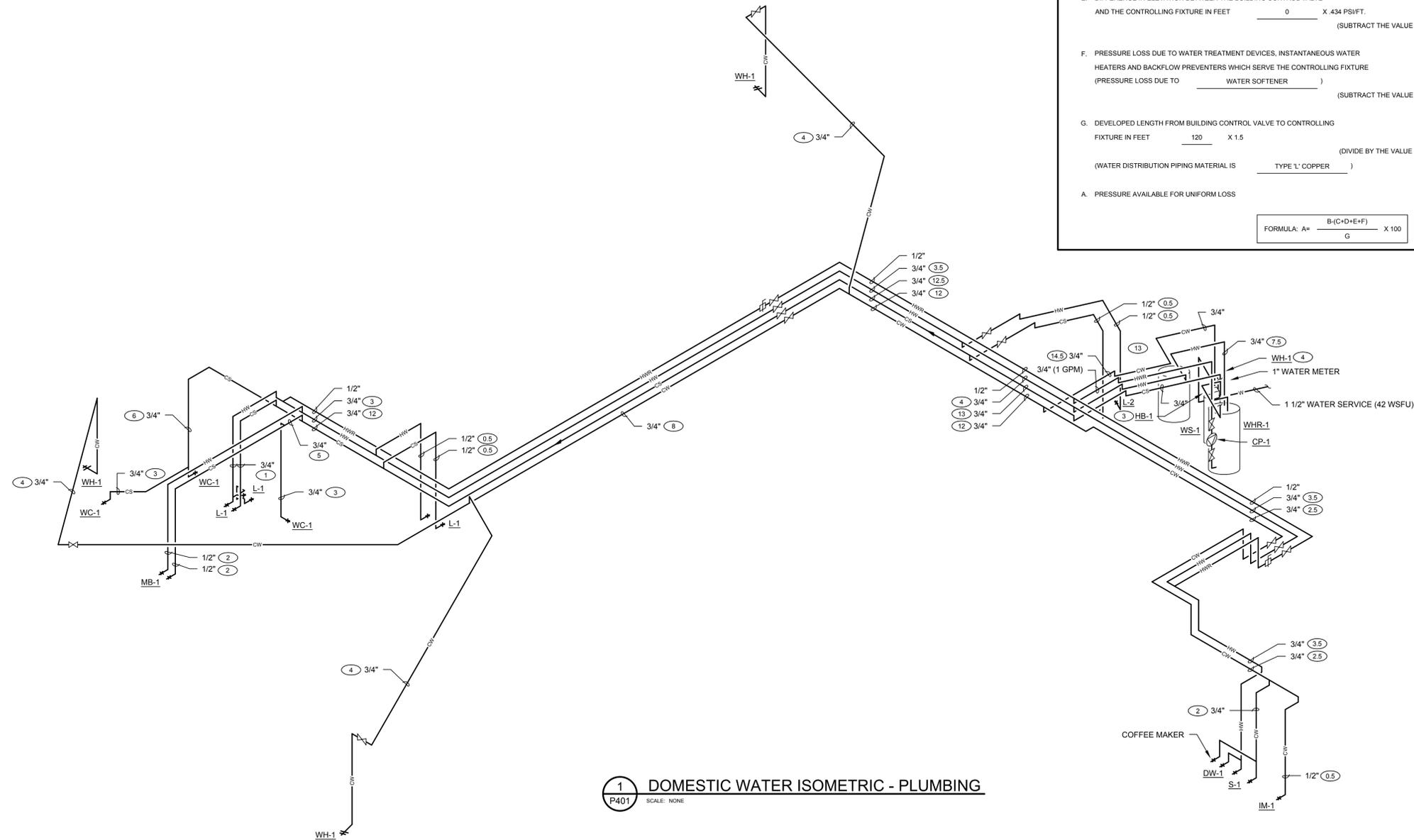
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WATER CALCULATION WORKSHEET

WATER CALCULATION WORKSHEET FOR PARK EDGE PARK RIDGE EMPLOYMENT CENTER/1233 MCKENNA BLVD MADISON, WI
NAME/ADDRESS OF PROJECT

INFORMATION REQUIRED TO CALCULATE WATER SERVICE SIZE			
1. DEMAND OF BUILDING IN GALLONS PER MINUTE.	WSFUs = 42	=	(GPM) 25
2. DIFFERENCE IN ELEVATION FROM MAIN OR EXTERNAL PRESSURE TANK TO BUILDING CONTROL VALVE.			(feet) 0
3. SIZE OF THE WATER METER. (WHEN APPLICABLE)			(inches) 1"
4. DEVELOPED LENGTH FROM MAIN OR EXTERNAL PRESSURE TANK TO BUILDING CONTROL VALVE.			(feet) 40
5. LOW PRESSURE AT MAIN IN STREET OR EXTERNAL PRESSURE TANK.			(psig) 58

CALCULATE WATER SERVICE PRESSURE LOSS			
6. LOW PRESSURE AT MAIN IN STREET OR EXTERNAL PRESSURE TANK. (VALUE OF # 5 ABOVE)			58.00
7. WATER SERVICE DIAMETER IS <u>1 1/2"</u> MATERIAL IS <u>TYPE 'K' COPPER</u> PRESSURE LOSS PER 100 FT = <u>2.6</u> PSI X <u>0.4</u> (DECIMAL EQUIVALENT OF SERVICE LENGTH, I.E.: 65FT = .65)			1.04
		(SUBTRACT LINE 7. FROM LINE 6.)	56.96
8. DETERMINE PRESSURE GAIN OR LOSS DUE TO ELEVATION. (MULTIPLY THE VALUE OF # 2 ABOVE BY .434)		VALUE OF "B"	0.00
9. AVAILABLE PRESSURE AFTER THE BLDG. CONTROL VALVE. (SUBTRACT OR ADD LINE 8. ENTER IN "B".)		SUBTOTAL	56.96
CALCULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF "A")			
B. AVAILABLE PRESSURE AFTER THE BLDG. CONTROL VALVE. (FROM "9" ABOVE)		VALUE OF "B"	56.96
C. PRESSURE LOSS OF WATER METER. (WHEN METER IS REQUIRED OR INSTALLED)		VALUE OF "C"	3
		(SUBTRACT LINE C. FROM LINE B.)	53.96
D. PRESSURE AT CONTROLLING FIXTURE. (CONTROLLING FIXTURE IS <u>WATER CLOSET</u>)		VALUE OF "D"	15.00
		(SUBTRACT THE VALUE OF D.)	38.96
E. DIFFERENCE IN ELEVATION BETWEEN THE BUILDING CONTROL VALVE AND THE CONTROLLING FIXTURE IN FEET <u>0</u> X .434 PSIFT.		VALUE OF "E"	0.00
		(SUBTRACT THE VALUE OF E.)	38.96
F. PRESSURE LOSS DUE TO WATER TREATMENT DEVICES, INSTANTANEOUS WATER HEATERS AND BACKFLOW PREVENTERS WHICH SERVE THE CONTROLLING FIXTURE (PRESSURE LOSS DUE TO <u>WATER SOFTENER</u>)		VALUE OF "F"	15
		(SUBTRACT THE VALUE OF F.)	23.96
G. DEVELOPED LENGTH FROM BUILDING CONTROL VALVE TO CONTROLLING FIXTURE IN FEET <u>120</u> X 1.5		VALUE OF "G"	180.00
		(DIVIDE BY THE VALUE OF G.)	0.1331
(WATER DISTRIBUTION PIPING MATERIAL IS <u>TYPE 'L' COPPER</u>)		MULTIPLY BY	100
A. PRESSURE AVAILABLE FOR UNIFORM LOSS		VALUE OF "A"	13.31
FORMULA: A= $\frac{B-(C+D+E+F)}{G} \times 100$			



1 DOMESTIC WATER ISOMETRIC - PLUMBING
P401 SCALE: NONE

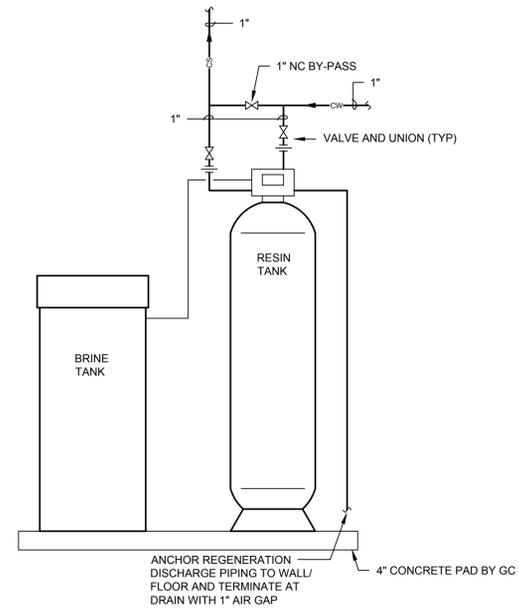
PROJECT
PARK EDGE / PARK RIDGE
EMPLOYMENT CENTER

1233 MCKENNA BLVD
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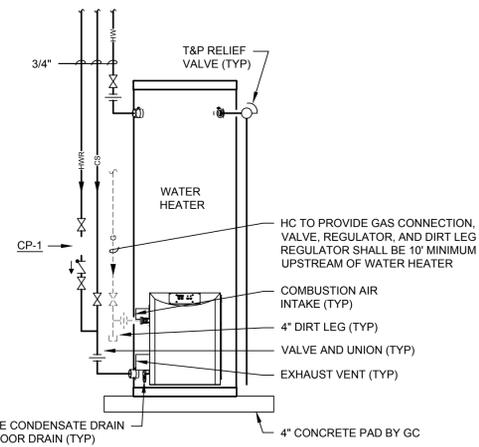
PROJECT NO.
16010-00

DRAWING
DOMESTIC WATER
ISOMETRICS -
PLUMBING

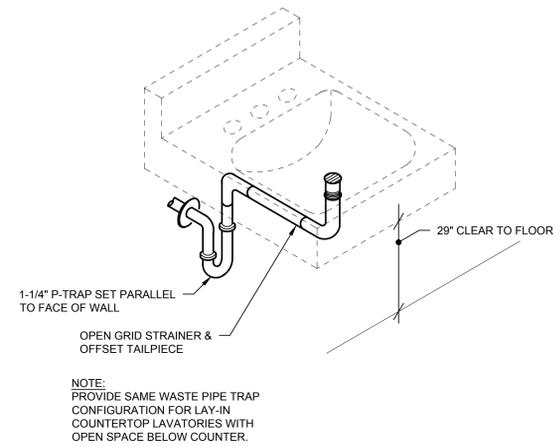
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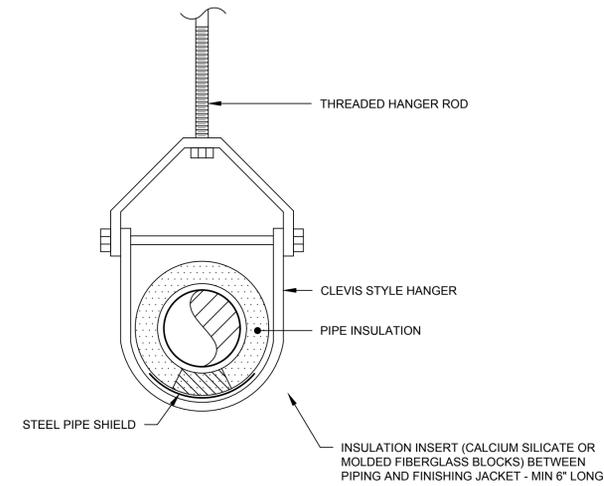
4 WATER SOFTENER DETAIL (WS-1)
SCALE: NONE



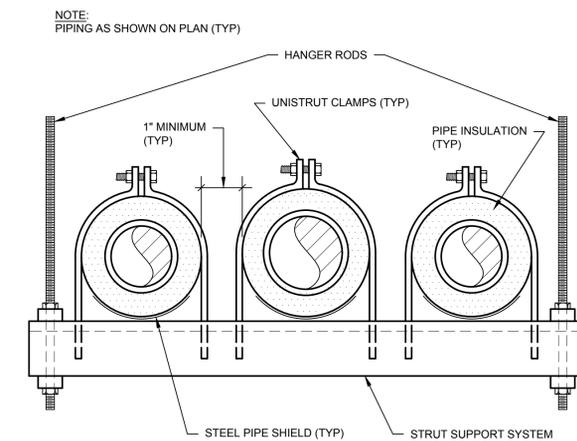
5 WATER HEATER DETAIL (WHR-1)
SCALE: NONE



1 BARRIER FREE LAVATORY DETAIL
SCALE: NONE



2 SINGLE PIPE HANGER DETAIL
SCALE: NONE



3 TRAPEZE HANGER DETAIL
SCALE: NONE

ISSUE

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PARK EDGE / PARK RIDGE
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DRAWING
DETAILS - PLUMBING

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