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PROJECT INFORMATION

**POLICE  
 ADMINISTRATION  
 BUILDING 4TH FLOOR  
 RENOVATIONS**  
 749 W. STATE ST  
 MILWAUKEE, WI



ISSUANCE AND REVISIONS

CONSTRUCTION SET

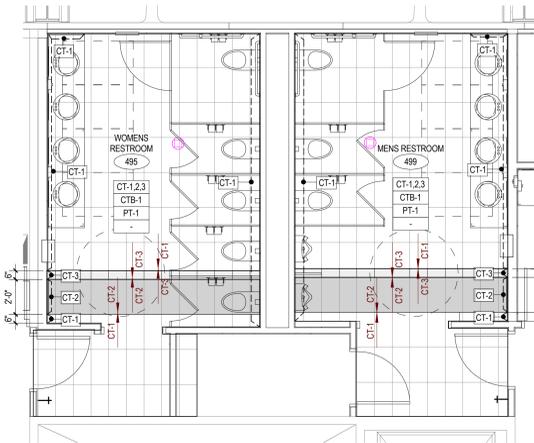
#	DATE	DESCRIPTION
1	08/27/2015	ADDENDUM 01

**MATERIAL SCHEDULE GENERAL NOTES AND REMARKS**

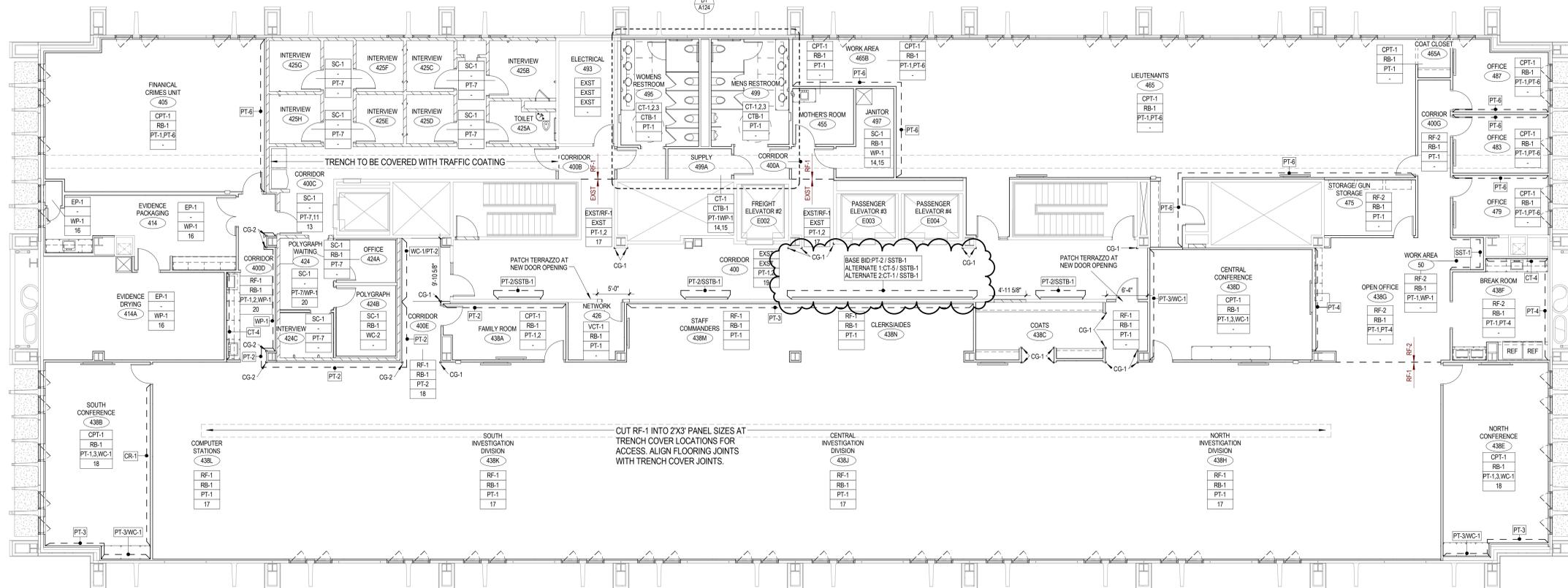
SPEC.	GENERAL NOTES
DIV. 09	REFER TO INTERIOR ELEVATIONS FOR WALL FINISHES WHERE INDICATED ON FINISH PLANS OR FINISH SCHEDULE.
DIV. 08 & 09	REFER TO DOOR SCHEDULE FOR DOOR AND FRAME FINISHES.
06.40.00	REFER TO MILLWORK ELEVATIONS AND ROOM FINISH SCHEDULE FOR MILLWORK FINISHES.
06.40.00	ALL WOOD GRAIN PLASTIC LAMINATE ON VERTICAL SURFACES SHALL BE INSTALLED WITH A VERTICAL GRAIN ORIENTATION UNLESS NOTED OTHERWISE.
09.30.00	FLOOR TILE INSTALLER SHALL SUBMIT A FLOOR PLAN PROVIDING PROPOSED CONTROL JOINT LOCATIONS FOR ARCHITECT'S APPROVAL PRIOR TO INSTALLATION.
09.30.00	ALL TILE SIZES NOTED ARE NOMINAL.
09.30.00	ALL GROUT JOINTS SHALL BE 1/8" WHERE TILE IS NOT MESH MOUNTED UNLESS NOTED OTHERWISE.
09.30.00	PROVIDE CRACK ISOLATION MEMBRANE AT CONTROL JOINTS AT ALL AREAS TO RECEIVE HARD TILE.
09.50.00	REFER TO REFLECTED CEILING PLANS FOR CEILING FINISHES.
09.60.00	CARPET TILE SHALL BE INSTALLED USING A GLUE-FREE INSTALLATION SYSTEM (TACTILES, LOCKTOTS OR SIMILAR) WHERE AVAILABLE.
09.60.00	FLOORING TRANSITIONS AT DOOR OPENINGS ARE TO OCCUR AT CENTER OF DOOR WHEN DOOR IS IN THE CLOSED POSITION. WHERE NO DOOR EXISTS, FLOORING TRANSITION SHALL BE AT JAMB CENTER.
09.60.00	PROVIDE SMOOTH EVEN TRANSITIONS BETWEEN DISSIMILAR FLOORING MATERIALS.
09.60.00	PROVIDE FLOORING TRANSITION STRIPS AT AREAS WHERE DISSIMILAR MATERIALS MEET. REFER TO MATERIAL SCHEDULE FOR SPECIFICATION.
09.60.00	EXTEND FLOOR FINISH UNDER ALL CABINETS TO ADJACENT VERTICAL SURFACE UNLESS NOTED OTHERWISE.
09.60.00	AT ALL RUBBER BASE LOCATIONS, CONTRACTOR SHALL INSTALL LONGEST LENGTHS AVAILABLE AND PREFORMED CORNERS.
09.60.00	CONTRACTOR SHALL INCLUDE RECOMMENDED TINTED PRIMER AND RECOMMENDED FINISH COATS FOR ALL ACCENT PAINT COLORS.
09.60.00	INTERIOR PAINT FINISHES (TYPICAL) FLAT: GYP BD CEILINGS, SOFFITS AND BULKHEADS EGGSHELL: WALL SATIN OR SEMI-GLOSS: HM DOORS, HM FRAMES, MDF DOORS <VERIFY SHEEN WITH MANUFACTURER> WATER-BASED EPOXY: TOILET ROOM WALLS AND CEILINGS
09.90.00	GYP BD SOFFITS AND BULKHEADS SHALL BE PAINTED PT-9 UNLESS NOTED OTHERWISE.
09.90.00	SOFFITS SHALL BE PAINTED WITH A SINGLE COLOR ON HORIZONTAL AND VERTICAL SURFACES UNLESS NOTED OTHERWISE.
09.90.00	CONTRACTOR TO PROVIDE FLOOR PREPARATION AT ALL AREAS SCHEDULED TO RECEIVE RESILIENT FLOORING OR CARPET AND SHALL INCLUDE ENTIRE SUBSTRATE SKIM COAT WITH LEVELING COMPOUND. INCLUDE COST TO PREP. 100 LINEAR FEET OF FLOOR CRACKS & INSTALL CRACK REINFORCEMENT MESH.
10.20.00	ALL WOOD CLEATS SUPPORTING COUNTERTOPS TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS OTHERWISE NOTED.
10.26.00	ALL CORNER GUARDS SHALL BE INSTALLED WITH BOTTOM EDGE ALIGNING AT TOP OF WALL BASE.
<b>REMARKS</b>	
1	CEILING GRID TO BE 15/16" WHITE.
2	INSTALLATION TO BE BRICK ASHLAR.
3	INSTALLATION TO BE STRIP BOND. SEE FINISH PLAN FOR PATTERN DIRECTION AND LOCATIONS.
4	CTB-1 TO BE CUT DOWN FROM CT-1. INSTALL CUT SIDE DOWN. FINISH TOP EDGE WITH SCHLUTER JOLLY EDGE PROFILE IN BRUSHED NICKEL.
5	CONTRACTOR TO INSTALL THE WALL BASE TILE FLUSH WITH THE FLOOR. NOT INSTALLED ON TOP OF FLOOR.
6	LAM-1 TO BE USED ON ALL VERTICAL CABINET SURFACES UNLESS NOTED OTHERWISE.
7	LAM-2 TO BE USED ON ALL COUNTERTOPS UNLESS NOTED OTHERWISE.
8	ACCENT PAINT. SEE FINISH PLAN FOR EXACT LOCATIONS.
9	TO BE USED ON ALL HMF.
10	TO BE USED ON COUNTERTOPS AT THE FOLLOWING LOCATIONS: EVIDENCE PACKAGING, CORRIDOR 47, RESTROOMS 32.33 & BREAKROOM 52.
11	TO BE USED WHERE EXISTING TERRAZZO IS PATCHED.
12	TO BE INSTALLED QUARTER TURNED.
13	WALLS TO RECEIVE PT-11 UP TO 32" A.F.F. REFER TO 5TH FLOOR FINISHES FOR SIMILAR FINISH SCHEME.
14	FULL SIDE OF INTERIOR DOOR SURFACE TO RECEIVE WP-1.
15	WALLS TO RECEIVE WP-1 UP TO 48" AFF.
16	WALLS TO RECEIVE WP-1 FLOOR TO CEILING.
17	TRENCH TO BE COVERED WITH RF-1. SEAM TO BE CUT AROUND TRENCH OPENING FOR FUTURE ACCESS.
18	WALL DECAL WC-1 TO BE APPLIED OVER PT.
19	ALL NEW AND EXISTING WALL SURFACES (EXCEPT MARRLE) TO BE PAINTED IN CORRIDOR 400, 400A, 400B.
20	WP TO BE INSTALLED 60" AFF.

**MATERIAL SCHEDULE**

CODE	MANUFACTURER	PRODUCT #	DESCRIPTION	COLOR	FINISH	SIZE	CONTACT	REMARKS
ACT-1	CERTANTEED	PERFORMA VANTAGE 10	ACOUSTICAL CEILING TILE	WHITE	FISURED	24" x 24" x 5/8"		
ACT-2	SEE SPECIFICATION	PERFORMA VINYL ROCK	ACOUSTICAL CEILING TILE	WHITE	SMOOTH	24" x 24" x 5/8"		
<b>C</b>								
CB			1/2" CEMENT BOARD W/ PLASTER SKIM COAT ON METAL STUD FRAMING					
CG-1	INPRO	1688N	CORNER GUARD	DESIGNER WHITE 0101		2"W x 4'H		
CG-2	INPRO	1688N	CORNER GUARD	TBD		2"W x 4'H		
CPT-1	PATRAFAT	STUDIO MODULAR 26475	CARPET	BLUEPRINT 00448		24" x 24"	JONI JUERGENS 800.241.4014	
CT-1	CROSSVILLE	ARGENT	CERAMIC TILE	A1417 CLEAN SLATE	UPS	12" x 24"	CHILDCREST TILE & STONE 262.781.2551	
CT-2	CROSSVILLE	ARGENT	CERAMIC TILE	A1420 ON THE ROCKS	UPS	12" x 24"	CHILDCREST TILE & STONE 262.781.2551	
CT-3	CROSSVILLE	ARGENT	CERAMIC TILE	A1414 CARNEGIE COOL	UPS	6" x 24"	CHILDCREST TILE & STONE 262.781.2551	
CT-4	DAL TILE	NICKERDIMENSIONS	CERAMIC TILE	DESERT GRAY	MATTE	7.1/8" x 8 1/2"	KIM GUSLICK MILWAUKEE 262.951.7503	
CT-5	CROSSVILLE	LAMINAM BLENDS	LARGE SIZE CERAMIC TILE	GRIGIO	MATTE	AS INDICATED	CHILDCREST TILE & STONE 262.781.2551	
CTB-1	CROSSVILLE	ARGENT	CERAMIC TILE BASE	A1417 CLEAN SLATE	UPS	6" x 24"	CHILDCREST TILE & STONE 262.781.2551	
CR-1	INPRO	RIGID SHEET RUB RAIL	CHAIR RAIL	DESIGNER WHITE 0101		4" x 12"	CHILDCREST TILE & STONE 262.781.2551	
<b>E</b>								
EP-1	SEE SPECIFICATION		RESINOUS FLOOR					
EXST			EXISTING TO REMAIN					
<b>G</b>								
GT-1	CUSTOM BUILDING PRODUCTS		EPOXY GROUT	19 PEWTER		1/8"		
<b>L</b>								
LAM-1	FORMICA	5882.68	LAMINATE	CITADEL WARP	MATTE		PATTY SCHELL 800.642.1733	
LAM-2	WILSONART	4942.38	LAMINATE	CRISP LINEN			SHIPRESA TAIRI 414.831.4558	
LAM-3	WILSONART	7994.38	LAMINATE	LOWELL ASH			SHIPRESA TAIRI 414.831.4558	
<b>P</b>								
PT-1	SHERWIN WILLIAMS	SW7007	PAINT	CEILING BRIGHT WHITE	EGGSHELL			
PT-2	SHERWIN WILLIAMS	SW6234	PAINT	UNCERTAIN GREY	EGGSHELL			
PT-3	SHERWIN WILLIAMS	SW7604	PAINT	SMOKY BLUE	EGGSHELL			
PT-4	SHERWIN WILLIAMS	SW6229	PAINT	JALAPENO	EGGSHELL			
PT-5	TBO		PAINT	MATCH EXISTING	MATCH EXISTING			
PT-6	SHERWIN WILLIAMS	SW6249	PAINT	STORM CLOUD	EGGSHELL			
PT-7	SEE SPECIFICATION		PAINT		SEM GLOSS			
PT-8	SEE SPECIFICATION		PAINT		SEM GLOSS			
PT-9	SHERWIN WILLIAMS	SW7007	PAINT	CEILING BRIGHT WHITE	FLAT			
PT-10	SHERWIN WILLIAMS	SW7674	PAINT	PEPPER CORN	SATIN			
PT-11	SHERWIN WILLIAMS	SW7674	PAINT	PEPPER CORN	SEE SPEC			
<b>R</b>								
RB-1	JOHNSONITE		RUBBER BASE	63 BURNT UMBER		6" COVED	DANIELLE SPAKOWITZ 262.370.4857	
RF-1	ULTIMATE RB		RESILIENT FLOOR	GREY		4MM ROLL	DANIELLE SPAKOWITZ 262.370.4857	
RF-2	ULTIMATE RB		RESILIENT FLOOR	BLUE/GREY		4MM ROLL	DANIELLE SPAKOWITZ 262.370.4857	
<b>S</b>								
SC-1			SEALED CONCRETE					
SCP-1			SECURITY CEILING PANEL					
SS-1	LG HAUSYS	VIATERA	SOLID SURFACE	CASTLE		3CM	JOE JOHNSON 773.944.5163	
SS-2	TRADITIONAL COLLECTION	TERRAZZO	SOLID SURFACE	CRUSHED ICE T230			JEFF GRAMLING 715.359.5441	
SST-1			STAINLESS STEEL PANEL		BRUSHED			
SSTB-1			STAINLESS STEEL BASE		BRUSHED	1/8 GAUGE		
<b>V</b>								
VCT-1	MANNINGTON	ESSENTIALS	VINYL COMPOSITION TILE	102 STONE GRAY		12" x 12"	MARK DUNN 414.208.8560	
<b>W</b>								
WC-1	TBO		VINYL WALL DECAL					
WC-2	KOROSEAL	ECO ART, BEDFORD	WALL COVERING	PEWTER 19-88			KOREEN PELOT 608.301.7658	
WP-1	KOROGARD	PROTECTIVE WALLCOVERING	WALL PROTECTION	PEWTER			KOREEN PELOT 608.301.7658	
WT-1	SVF CONTRACT	BALI CUSTOMSER	ALUMINIUM BLINDS	096 RAW UMBER				

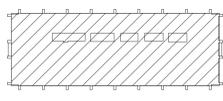


**D1** Fourth Floor Finish Plan - RESTROOM  
 1/4" = 1'-0"



**A1** Fourth Floor Finish Plan  
 1/8" = 1'-0"

KEY PLAN



4TH FLOOR  
 1" = 80'-0"

SHEET INFORMATION

PROJECT MANAGER PK  
 PROJECT NUMBER 214381-01  
 DATE JULY 7, 2015

FOURTH FLOOR FINISH PLAN

**A124**



#	DATE	DESCRIPTION
1	08/27/2015	ADDENDUM 01

PROJECT MANAGER	PK
PROJECT NUMBER	214381-01
DATE	JULY 7, 2015

### CASEWORK LEGEND

CASEWORK TYPE  
 SEE SHEET A303 FOR  
 CORRESPONDING SECTIONS

XXX  
 W' x H' x D'

W' x H'

XXX  
 D'

XXX  
 W' x H' x D'

FINISH

H INDICATES TOP OF COUNTER WHERE  
 APPLICABLE TO CASEWORK TYPE

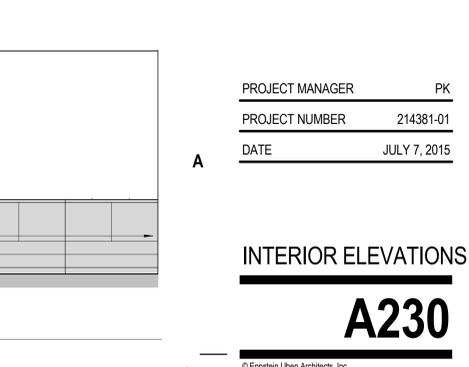
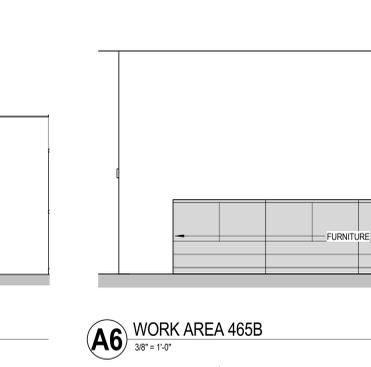
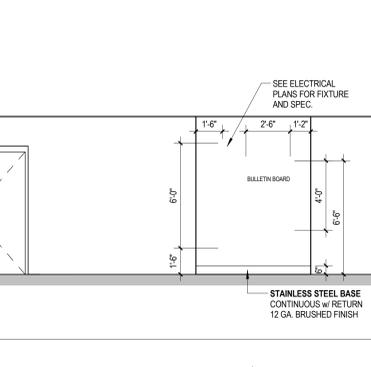
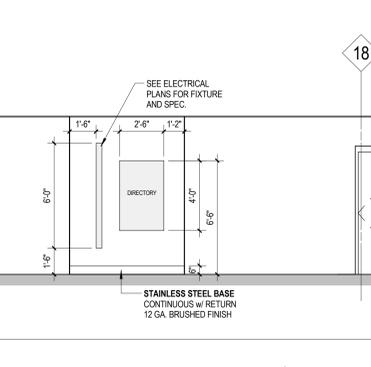
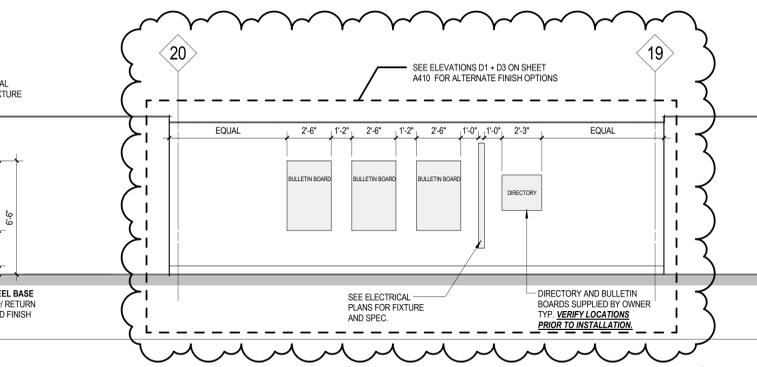
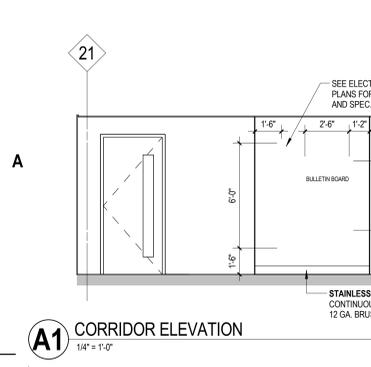
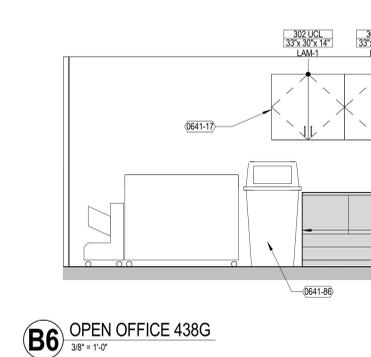
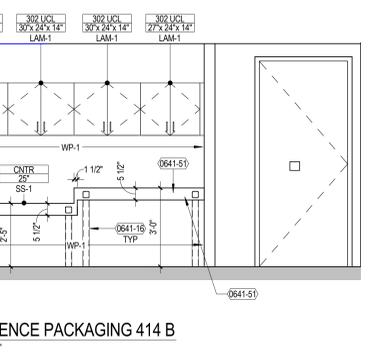
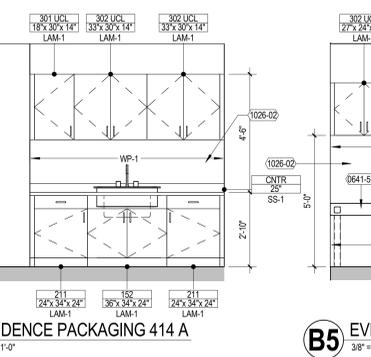
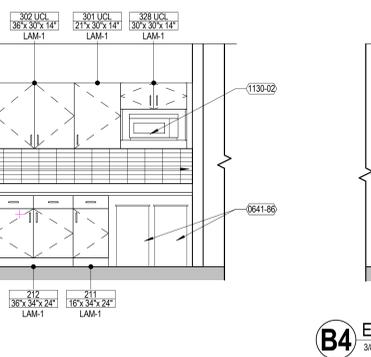
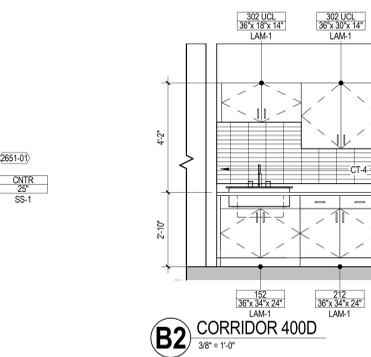
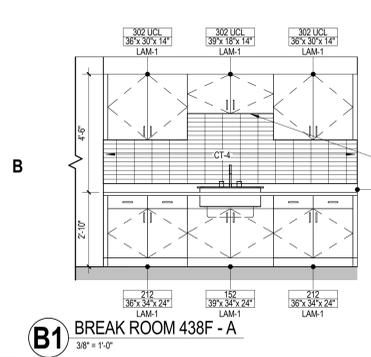
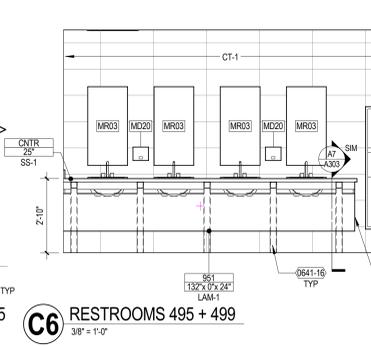
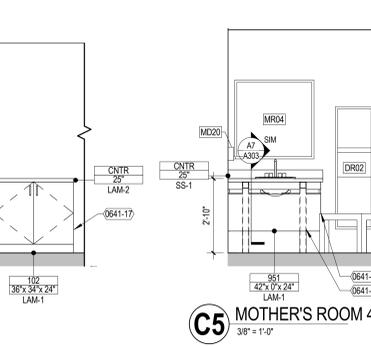
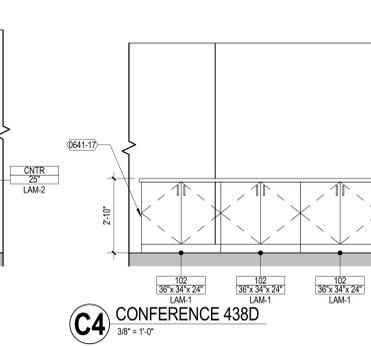
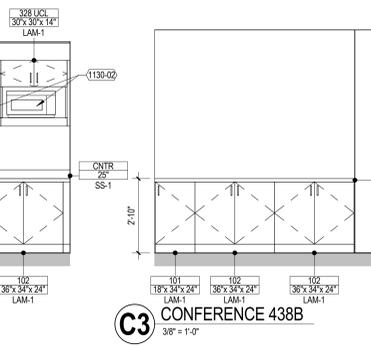
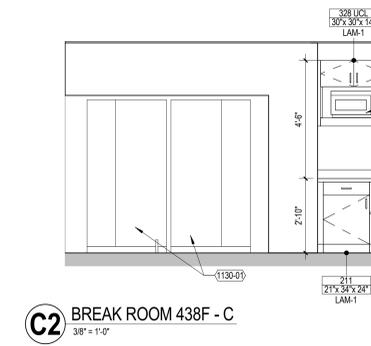
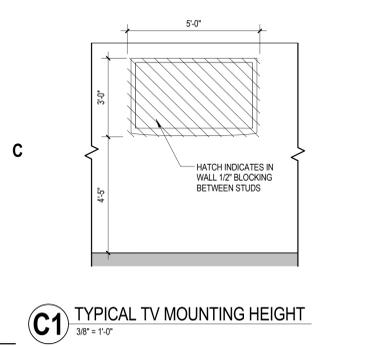
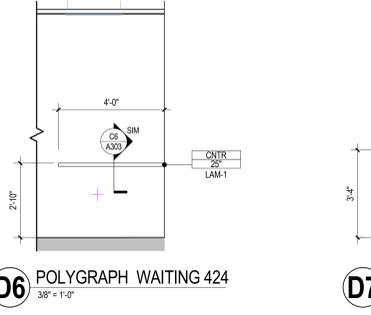
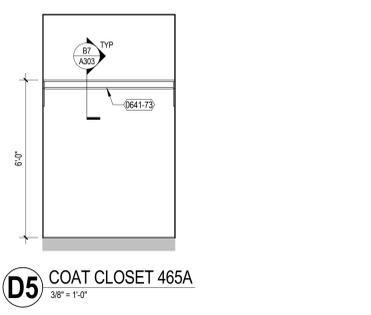
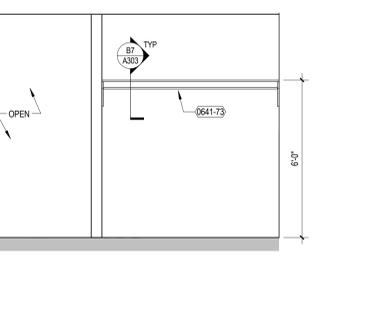
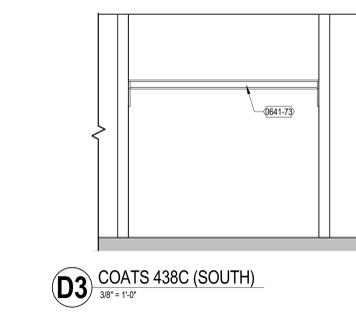
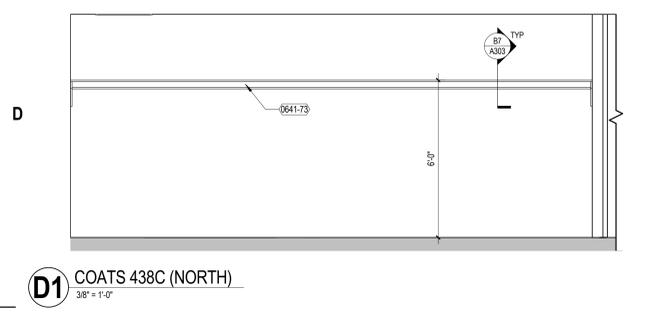
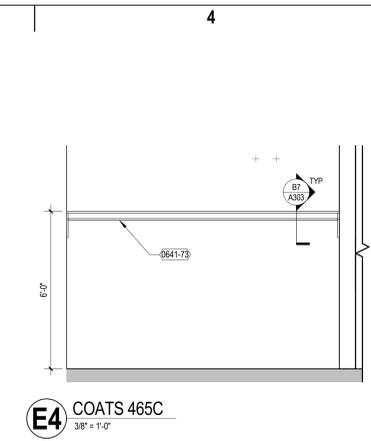
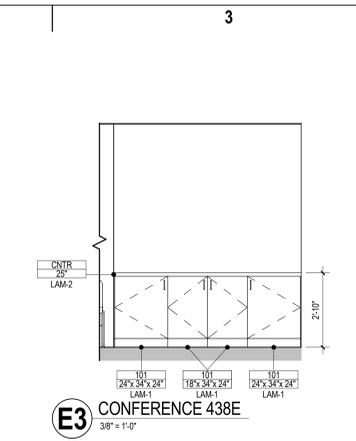
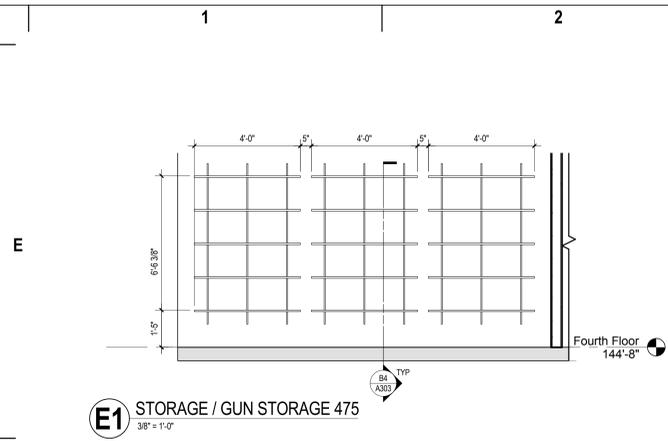
L @ DOORS AND DRAWERS  
 INDICATES LOCK REQUIRED. ALL LOCKED  
 CABINETS SHALL BE KEYPAD ALIKE  
 UNLESS NOTED OTHERWISE.

### CASEWORK LEGEND

12" = 1'-0"

### KEYNOTES PER SHEET

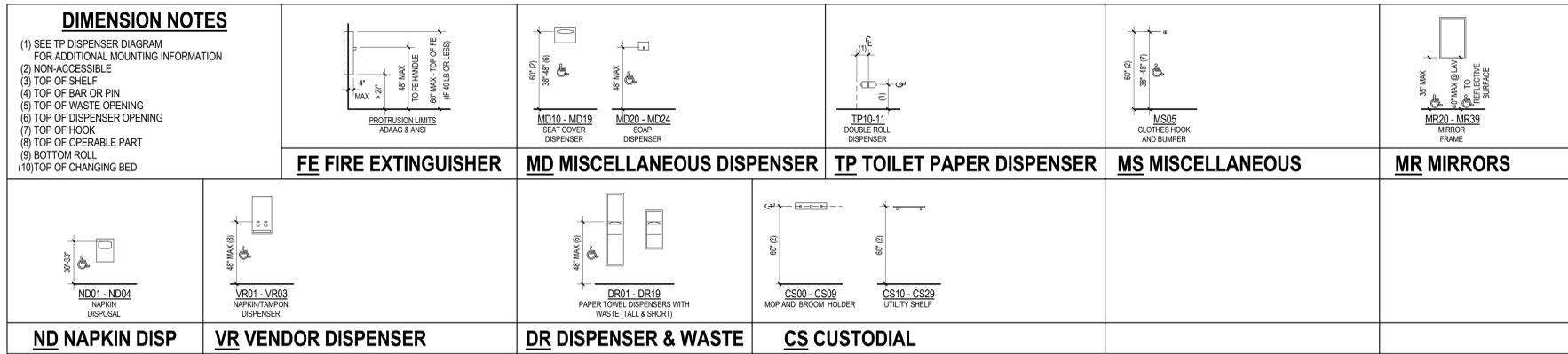
0641-16	STEEL SUPPORT FRAMES FOR COUNTERTOP. SEE DETAILS 6/5104
0641-17	FINISHED END PANEL
0641-51	LAM-1 FIXED APRON PNL
0641-73	CLOSET SHELF + ROD. LOCATE SUPPORT BRACKETS AT 4'-0" O.C. MAX. SEE B7A303
0641-86	WASTE RECEPTACLE - RUBBERMAD 3958, 35 GAL. BY OWNER
1026-01	SS-1A STAINLESS STEEL WALL PROTECTION TO UNDERSIDE OF COUNTER ON ALL THREE SIDES
1026-02	WP-1. SEE FINISH PLAN FOR FULL EXTENT
1130-01	VENDING BY OWNER
1130-02	MICROWAVE BY OWNER
2651-01	UNDER CABINET LIGHT. SEE ELECTRICAL



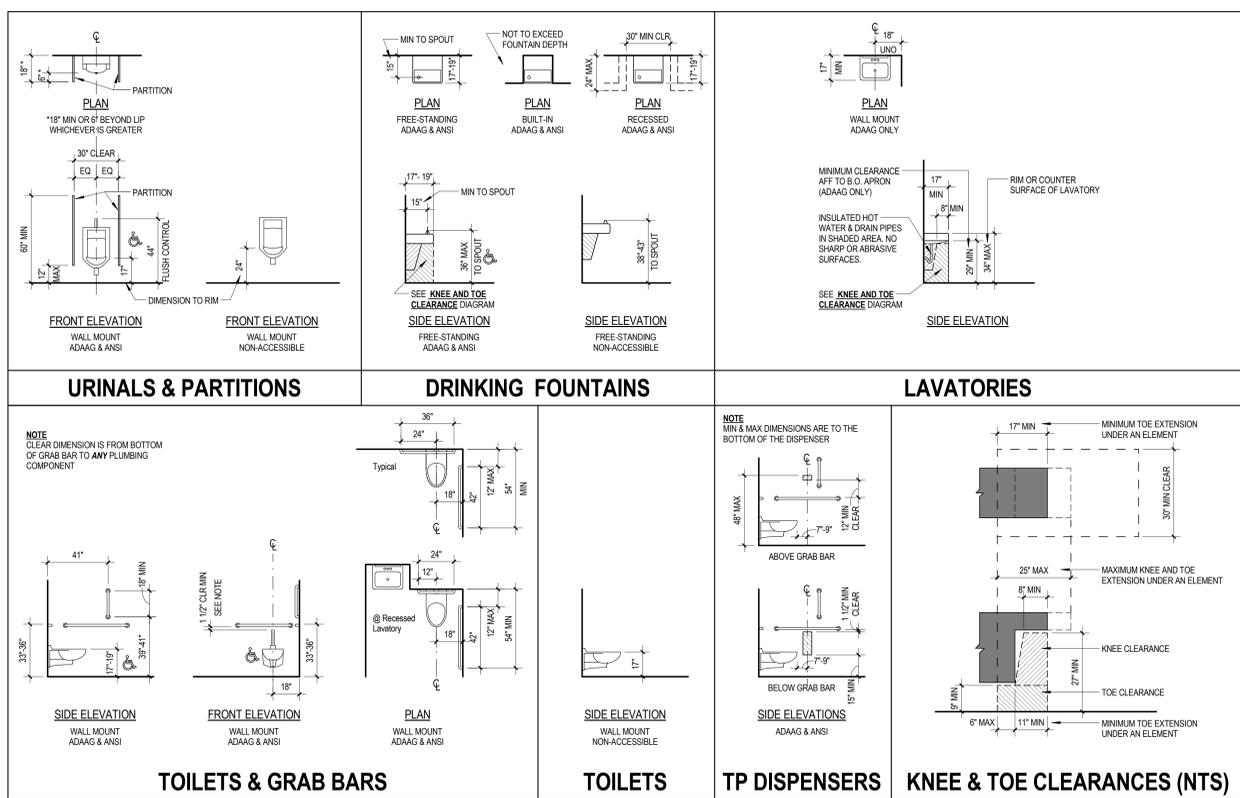
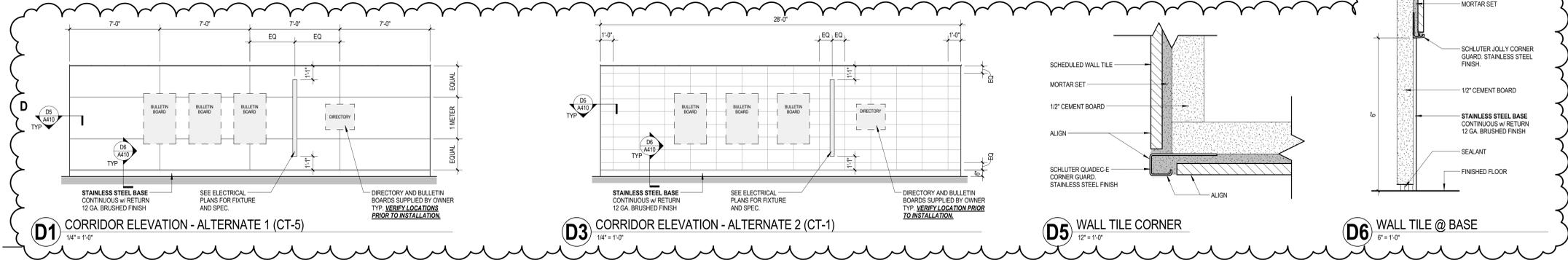


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 telephone 608.442.5350

**KEYNOTES PER SHEET**  
 1021-01 FLOOR MOUNTED TOILET COMPARTMENTS  
 1021-02 WALL MOUNTED URINAL SCREEN



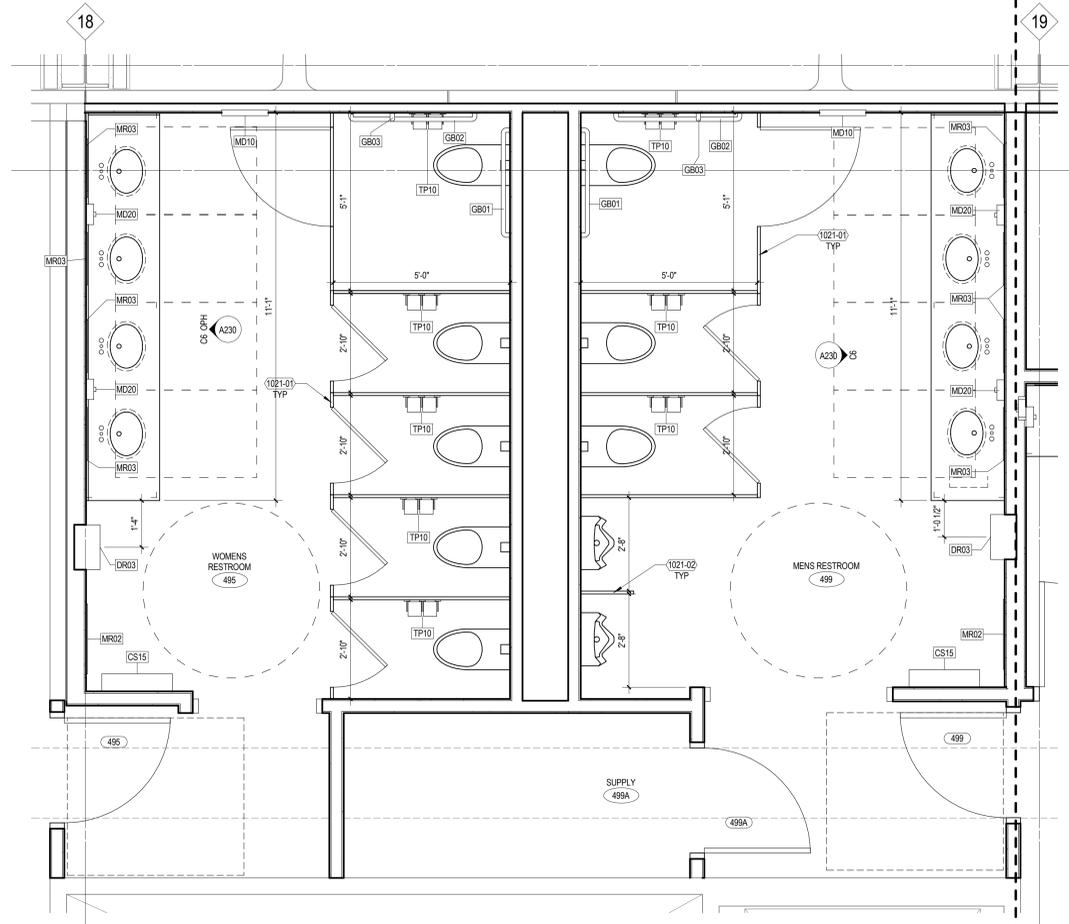
**ACCESSORY LEGEND**  
 1/4" = 1'-0"



**PLUMBING FIXTURE LEGEND**  
 1/4" = 1'-0"

**TOILET ROOM ACCESSORY SCHEDULE**

TAG	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING HGT	SIZE (AS REQUIRED)			REMARKS
					WIDTH	DEPTH	HGT	
CS15	Utility Shelf	Bradley	756-24	5'-0"	2'-0"	6"	3"	
DR03	Folded Paper Towel Dispenser and Waste Receptacle-Recess	Bradley	237-10	4'-0"	1'-5 1/8"	8 3/4"	4'-8"	
CS01	Grab Bar Straight	Bradley	812		3'-0"			SEE MOUNTING DIAGRAMS
GB02	Grab Bar Straight	Bradley	812		3'-0"			
GB03	Grab Bar Straight	Bradley	812		1'-6"			
MD10	Seat Cover Dispenser				1'-3 3/4"	2"	11"	OWNER PROVIDED, INSTALLED BY CONTRACTOR
MD20	Soap Dispenser Surface				17"	2 5/8"	6 1/8"	OWNER PROVIDED, INSTALLED BY CONTRACTOR
MR02	Mirror with Frame	Bradley	780-2472	1'-4"	2'-0"	1'-2"	6'-0"	
MR03	Mirror Frameless	Bradley	748-1836	3'-4"	1'-0"	1'-2"	3'-0"	
MR04	Mirror with Frame	Bradley	780-3636	3'-8"	3'-0"	1'-2"	3'-0"	
ND02	Surface Mount Napkin Dispenser	Bradley	4781-15	2'-6"	8"	4 1/8"	11 1/2"	
TP10	Toilet Paper Dispenser, Double Surface Mount	Bradley	5234	1'-7"	1'-1"	3 7/8"	2"	



**PROJECT INFORMATION**  
**POLICE ADMINISTRATION BUILDING 4TH FLOOR RENOVATIONS**  
 749 W. STATE ST  
 MILWAUKEE, WI



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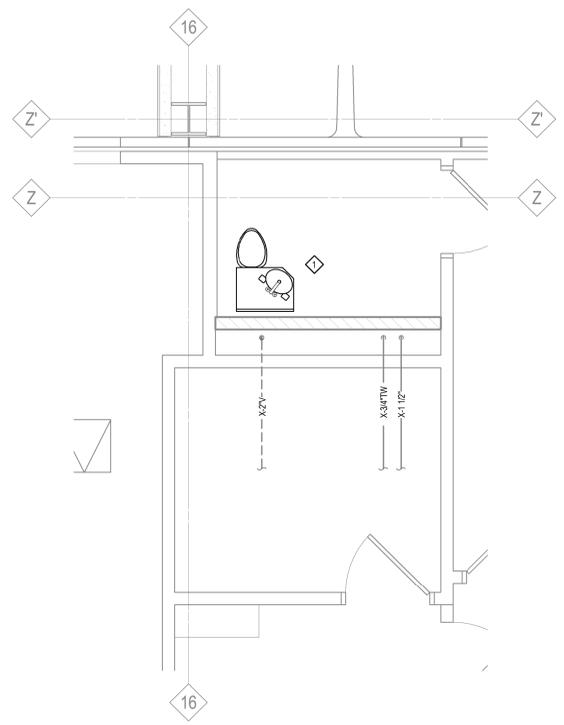
**KEY PLAN**

**SHEET INFORMATION**

**PROJECT MANAGER** PK  
**PROJECT NUMBER** 214381-01  
**DATE** JULY 7, 2015

**ENLARGED PLANS**

**A410**



**1 PARTIAL FIFTH FLOOR PLUMBING PLAN - JUVENILE TOILET ROOM**  
3/8" = 1'-0"

PLUMBING FIXTURE SCHEDULE							
MARK	MANUFACTURER	MODEL	DESCRIPTION	WSFU			DSFU
				HW	CW	TOTAL	
CJ 1	ACORN	1435FA	FRONT OR CHASE MOUNT (CONTRACTOR TO VERIFY) ADA WALL HUNG COMBINATION TOILET/LAVATORY. TOILET BLOWOUT JET, ELONGATED BOWL, STAINLESS STEEL, LOW CONSUMPTION TOUCH TIME ELECTRONIC FLUSH VALVE.	0.5	7	7.5	7
EW 1	SPEAKMAN	SE-1000	485 PLASTIC BOWL, STAINLESS STEEL, PUSH HANDLE ACTIVATOR, 1/2" NPT FEMALE FULL FLOW STAY-OPEN BRASS BALL VALVE. MIXING VALVE: SE-370 7 GPM CAPACITY, MAX INLET PRESSURE 125 PSI, MIN. SUPPLY PRESSURE 35 PSI. MOUNT MIXING VALVE ABOVE CEILING.	0	0.25	0.25	0.5
EWC 1	ELKAY	LVR-C-GRN1L5W5K	BLEVEL BARRIER-FREE, SELF-CONTAINED, WALL HUNG, ELECTRIC REFRIGERATED WATER COOLER AND BOTTLE FILLING STATION, WITH NO TOUCH SENSOR, ACTIVATION CONTROL, WITH AUTO 20 SECOND SHUT OFF-TIMER. TRAP: 1-1/2" x 1-1/2" PVC TRAP WITH C.O. F.L.U.G. STOPS: SUPPLY: 3 PIECE BALL VALVE - NIBCO S-595-Y-LF WITH COMPRESSION ADAPTER ON OUTLET OF VALVE. COORDINATE FINISH AND MOUNTING HEIGHT WITH ARCHITECT. *** 36" MAXIMUM SPOUT OUTLET HEIGHT FOR ADA DESIGNATED UNITS ***	0	0	0	0
FD 1	JOSAM	49364-7-6-2-NH	12" SQUARE BY 10" DEEP CAST IRON FLOOR SINK WITH FLANGE AND NICKEL BRONZE GRATE. PROVIDE WITH ALUMINUM SEDIMENT BUCKET.	0	0	0	4
IB 1	QATEY	38688	ALL METAL ICE MAKER BOX, 1/4 TURN BRASS BALL HAMMER VALVE - COPPER SWEAT - STANDARD PACK.	0.5	0	0.5	0
L 1	ELKAY	ELLH1511	SINK: 18" x 14" 18GA TYPE 304 STAINLESS STEEL UNDERMOUNT SINGLE BOWL WITH 1 5/8" DRAIN OPENING. FAUCET: SLOAN ETF-80 SENSOR OPERATED DIRECT WIRED (24V AC TRANSFORMER REQUIRED EL-248-40). MOUNT ABOVE CEILING. CUT BRASS SPOUT WITH CHROME PLATE FINISH. 1/5 GPM DRY AND FLOOR DECK MIXING VALVE. DRAIN: KOHLER K-7129 BRASS GRID DRAIN AND 1 1/4" TALLPIECE, KOHLER K-8989 CAST BRASS ADJUSTABLE P TRAP WITH CLEANOUT F.L.U.G. TRAP: 1-1/2" x 1-1/2" PVC TRAP WITH C.O. F.L.U.G. STOPS: 1/2" x 1/2" PVC INLET. HANGER: 1/2" x 1/2" PVC HANGER WITH 3/8" BRASS KEY.	0.5	0.5	1	1
MB 1	FIAT	MSB2424	MOP BASIN 24" x 24" x 10" MOP BASIN, STAINLESS STEEL DRAIN BODY FOR 3" PIPE. HOSE & STAINLESS STEEL HOSE BRACKET, STAINLESS STEEL STRAINER. STAINLESS STEEL MOP HANGER WITH (3) RUBBER TOOL GRIPS, STAINLESS STEEL CORNER GUARD. FAUCET: CHICAGO FAUCET 897-CP. INCLUDE VACUUM BREAKER ON FAUCET (WATTS 88).	2	2	3	3
S 1	ELKAY	ELLH2115	10" DEEP, UNDER MOUNT 18 GA TYPE 304 STAINLESS STEEL SINGLE COMPARTMENT SINK WITH (1) 3/8" DRAIN OPENING. BOWL SHALL MEASURE 21" x 15-3/4" x 10" DEEP. FAUCET: MOEN 8225SM DRAIN: KOHLER K-8801 TRAP: 1-1/2" x 1-1/2" 1/2" GA. CAST BRASS TRAP AND TUBULAR WALL BEND. STOPS: 1/2" x 3 PIECE BALL VALVE - NIBCO S-595-Y LOCATED IN CABINET WORK.	2	2	3	2
S 2	ELKAY	ELLHAD 13165SPD	SINK: 16" x 18" 1/2" UNDER MOUNT 18 GA TYPE 304 STAINLESS STEEL SINK WITH (1) 3/8" DRAIN OPENING. SINK BOWL SHALL MEASURE 16" x 13 1/2" x 5-3/8" DEEP. FAUCET: MOEN 8225SM DRAIN: KOHLER K-8801 TRAP: 1-1/2" x 1-1/2" 1/2" GA. CAST BRASS TRAP AND TUBULAR WALL BEND. STOPS: 1/2" x 3 PIECE BALL VALVE - NIBCO S-595-Y LOCATED IN CABINET WORK.	2	2	3	2
UR 1	KOHLER	K6904-ET-BARDON	WALL HUNG, VITREOUS CHINA WASHOUT, 0.125 GPF URINAL WITH 3/4" TOP SPUD. FLUSH VALVE: SLOAN OPTIMA 111-1.28, 0.125 GPF DIRECT WIRED INFRARED SENSOR (24V AC TRANSFORMER REQUIRED), CHROME PLATED VALVE CARRIER, JR. SMITH COMMERCIAL GRADE, ADJUSTED FOR STANDARD HEIGHT OR ADA HEIGHT AS REQUIRED. SEE ARCHITECT PLANS FOR ADA LOCATIONS.	4	0	4	2
WC 1	KOHLER	K4325-KINGSTON	VITREOUS CHINA SIPHON JET WATER 1.28 GPF CLOSURE WITH ELONGATED BOWL, 1 1/2" TOP SPUD. FLUSH VALVE: SLOAN OPTIMA 111-1.28, 0.125 GPF DIRECT WIRED INFRARED SENSOR (24V AC TRANSFORMER REQUIRED), CHROME PLATED VALVE. SEAT: BEMIS 19555SR FIRE RETARDANT, SOLID PLASTIC OPEN FRONT WITH STAINLESS STEEL HUB DRAIN WITH 6" RECEPTOR CARRIER, JR. SMITH COMMERCIAL GRADE, ADJUSTED FOR STANDARD HEIGHT OR ADA HEIGHT AS REQUIRED. SEE ARCHITECT PLANS FOR ADA LOCATIONS.	6.5	0	6.5	6
WF 1	CHICAGO FAUCET	895-CP	SINGLE HOLE, COLD WATER ONLY WITH ELVATED VACUUM BREAKER, LEVER HANDLE.	0	4	4	0

**KEY NOTES**

- 1. PROVIDE ALL LABOR AND MATERIALS NECESSARY TO INSTALL BRADLEY COMBINO SERIES SECURITY FIXTURES FURNISHED BY OWNER. CONNECT TO EXISTING TEMPERED HOT WATER, COLD WATER, AND VENT PIPING IN CHASE. CONNECT TO NEW WASTE PIPING IN 4TH FLOOR CEILING. CUT AND PATCH STRUCTURE TO MATCH EXISTING TO ACCOMMODATE INSTALLATION.
- 2. PROVIDE DHWR TO DHW PIPING SERVING THE 5TH FLOOR. SET CIRCUIT SETTER TO 0.5 GPM.
- 3. CONTRACTOR SHALL VERIFY EXISTING PLUMBING RISER LOCATION AND CONNECTION POINTS. RE-ROUTE PIPING AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS.
- 4. NEW RISERS FOR FUTURE USE: CAP AT UNDERSIDE OF 5TH FLOOR DECK AND EXTEND DOWN TO 3RD FLOOR LEVEL. PROVIDE CAPPED AND VALVED FUTURE STUBS AT 3RD AND FOURTH FLOOR CEILING LEVELS. BRANCH STUBS TO BE 3/4" DHWR, 1" DHW, 2" DOW, 3", AND 4" SS.

**WATER CALCULATION WORKSHEET**

**Information Needed for Water Service Sizing**

78. Demand of addition in gallons per minute.
88. Low pressure at main before meter.
12. Difference in elevation from main to meter (or external pressure tank to building control valve).
6. Size of water meter (if applicable).
55. Developed length from main to meter (or external pressure tank to building control valve).

**First Find Available Pressure After the Water Meter** (or at building control valve)

6. Find pressure loss due to friction in .6 inch diameter water service.
6. Find pressure loss due to elevation, main to meter (or external pressure tank to building control valve). Multiply the difference in elevation by .434 psft/ft.
4. Find pressure loss due to meter (from manufacturer or AWMA).
58. Subtract the loss due to friction (Step 6), loss due to elevation (Step 7), and loss due to meter (Step 8) from the low main pressure (or low pressure at external pressure tank) (Step 2). This calculation is the available pressure after the water meter (or building control valve). The answer is entered in Line B, below.

**Information Needed for Water Distribution Sizing**

Using the following formula, find the pressure available for uniform loss (psft/100' of pipe)

$$A = [B - (C + D + E)] / F \times 100$$

A 7. Pressure available for uniform loss (psft/100' of pipe)  
 B 90. Available pressure after water meter (at the building control valve or low pressure at intermediate pressure tank). (See step 9 above) (.312 psi boost from booster pump)  
 C 35. Pressure needed at controlling fixture.  
 D 33. Difference in elevation between water meter (building control valve or internal pressure tank) and controlling fixture in feet. (.75 x .434 psft/ft)  
 E 0. Pressure loss due to water softeners, water treatment devices, instantaneous water heaters and backflow preventors which serve the controlling fixture. Conventional water heaters usually do not have a pressure loss.  
 F 338. Developed length from water meter (building control valve or internal pressure tank) to controlling fixture in feet. 225 x 1.5

**SHEET INDEX**

- P001 PARTIAL PLANS, GEN. NOTES, LEGEND, ABBREVIATION, SCHEDULES
- PD103 THIRD FLOOR PLUMBING DEMOLITION
- PD104 FOURTH & FIFTH FLOOR PLUMBING DEMOLITION
- P103E THIRD FLOOR EAST PLUMBING PLAN
- P103W THIRD FLOOR WEST PLUMBING PLAN
- P104E FOURTH FLOOR EAST PLUMBING PLAN
- P104W FOURTH FLOOR WEST PLUMBING PLAN
- P201 PLUMBING SUPPLY & WASTE/VENT ISOMETRICS

**GENERAL NOTES**

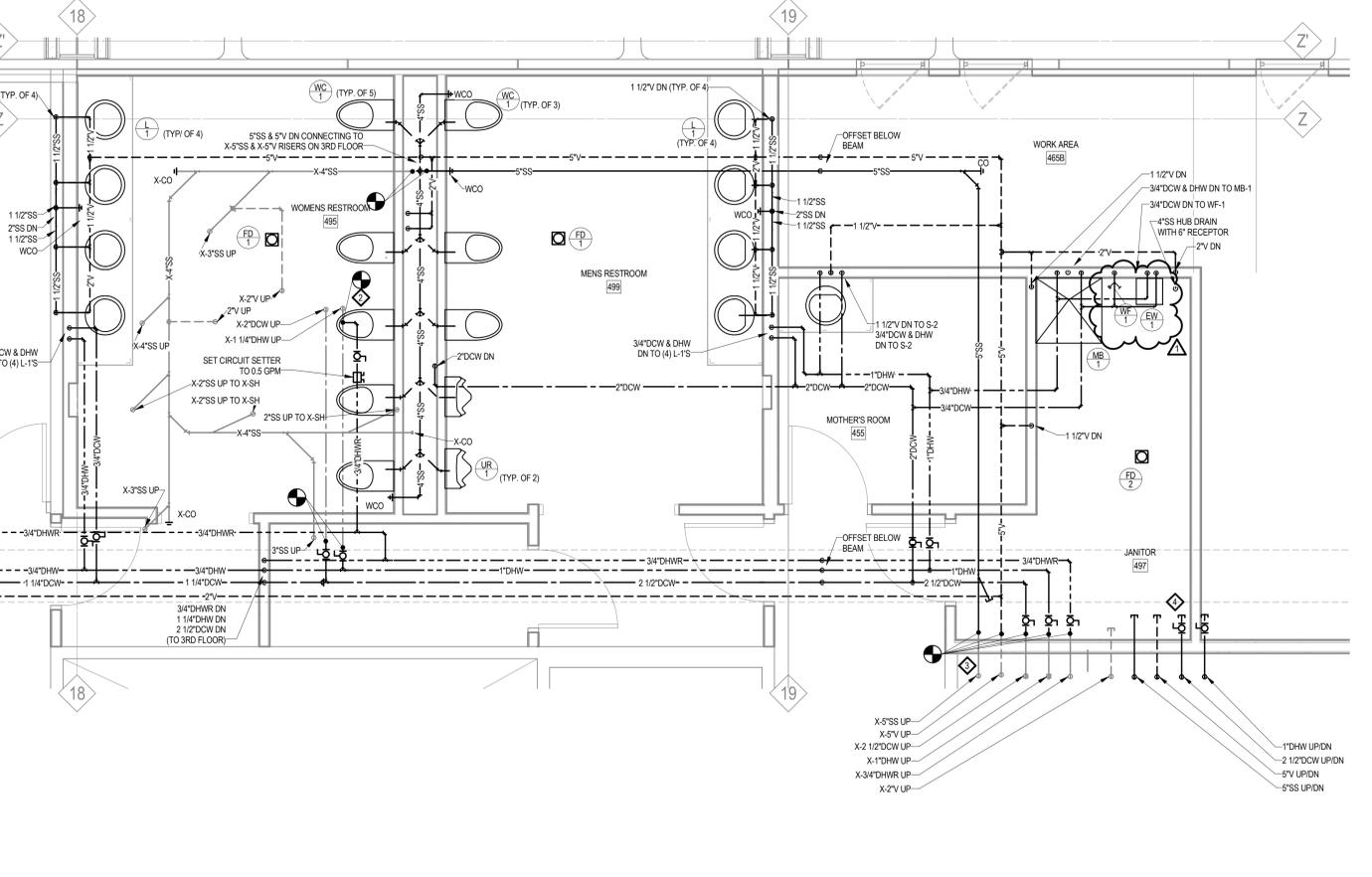
- 1. PLUMBING CONTRACTOR SHALL COORDINATE WORK WITH EXISTING CONDITIONS AND WITH THE WORK OF OTHER TRADES.
- 2. THESE DRAWINGS ARE A DIAGRAMMATIC REPRESENTATION OF WORK TO BE ACCOMPLISHED AND AS SUCH DO NOT SHOW ALL REQUIRED OFFSETS OR PIPING. PLUMBING CONTRACTOR SHALL INSTALL MATERIAL AND EQUIPMENT AS TO CONFORM TO THE STRUCTURE, EQUIPMENT CONNECTIONS AND MAINTAIN HEADROOM AND PASSAGEWAY.
- 3. ALL CUTTING AND PATCHING OF EXISTING STRUCTURE TO ACCOMMODATE NEW PLUMBING IS BY PLUMBING CONTRACTOR.
- 4. KEYNOTES PERTAIN ONLY TO THE DRAWING THEY ARE LOCATED ON.
- 5. CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE THE CONSTRUCTION BOUNDARY LIMITS UNLESS NOTED ON PLANS.
- 6. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS AND AUTHORITY HAVING JURISDICTION WHERE MORE STRINGENT REQUIREMENTS ARE SET FORTH BY THESE DRAWINGS OR LOCAL CODES AND REGULATIONS, THE GREATER REQUIREMENT SHALL GOVERN.
- 7. EQUIPMENT SELECTIONS ARE BASED ON NOTED MANUFACTURERS AND MODELS LIST ON SCHEDULES. ANY ALTERNATE EQUIPMENT SUBMITTED SHALL MEET OR EXCEED ALL PERFORMANCE CAPACITIES AND FALL WITHIN PHYSICAL DIMENSIONS AND WEIGHTS OF SCHEDULED EQUIPMENT. ALTERNATE SUBMITTALS SHALL MEET ALL SYSTEM REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MODIFICATIONS (STRUCTURAL, ELECTRICAL, MECHANICAL, ETC) NECESSARY TO ACCOMMODATE ALTERNATE EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING FIELD CONDITIONS. THE CONTRACTOR SHALL REVIEW EXISTING FIELD CONDITIONS PRIOR TO BID AND SHALL TAKE INTO ACCOUNT IN THE BID PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO THE CONTRACTOR'S FAILURE TO INCLUDE ALL NECESSARY WORK IN THE BID PROPOSAL.

**PLUMBING LEGEND**

- NEW PLUMBING EQUIPMENT
- EXISTING PLUMBING COMPONENT
- DEMOLISHED PLUMBING COMPONENT
- PLUMBING EQUIPMENT SERVICE AREA
- NEW DOMESTIC COLD WATER
- EXISTING DOMESTIC COLD WATER
- NEW DOMESTIC HOT WATER
- EXISTING DOMESTIC HOT WATER
- NEW DOMESTIC HOT WATER RETURN
- EXISTING DOMESTIC HOT WATER RETURN
- NEW DOMESTIC TEMPERED WATER
- EXISTING DOMESTIC TEMPERED WATER
- NEW FIRE PROTECTION - WET PIPE
- EXISTING FIRE PROTECTION
- HOT WATER SUPPLY (REFERENCE ONLY)
- EXISTING HOT WATER SUPPLY (REFERENCE ONLY)
- HOT WATER RETURN (REFERENCE ONLY)
- EXISTING HOT WATER RETURN (REFERENCE ONLY)
- NATURAL GAS
- EXISTING NATURAL GAS
- NEW SANITARY SEWER
- EXISTING SANITARY SEWER
- NEW STORM
- EXISTING STORM
- NEW SANITARY VENT
- EXISTING SANITARY VENT
- DEMOLISHED PIPING (ALL SYSTEM TYPES)
- CONNECT TO EXISTING
- KEY NOTE
- BALL VALVE
- CHECK VALVE
- CIRCUIT SETTER
- FLOOR DRAIN/ROOF DRAIN
- HOSE BIB/DRAIN VALVE
- OS&Y VALVE
- PIPE BREAK
- PIPE CAPPED END
- PIPE CLEANOUT
- PIPE ELBOW/TEE DOWN
- PIPE ELBOW/TEE UP
- POINT OF CONNECTION
- REDUCER
- STRAINER
- FLOW SENSOR
- PRESSURE GAUGE

**PLUMBING ABBREVIATIONS**

- AFF - ABOVE FINISHED FLOOR
- AP - ACCESS PANEL
- BOP - BOTTOM OF PIPE
- DN - DOWN
- CO - CLEANOUT
- FCD - FLOOR CLEANOUT
- WCO - WALL CLEANOUT
- CU\* - COMBINATION UNIT (SECURITY)
- EWC\* - ELECTRIC WATER COOLER
- FD\* - FLOOR DRAIN
- HB\* - HOSE BIBB
- IB\* - ICE BOX
- L-LAV - LAVATORY
- MB\* - MOP BASIN
- S\* - SINK
- SH\* - SHOWER
- SS\* - SERVICE SINK
- UR\* - URINAL
- WC\* - WATER CLOSET
- WF\* - WATER FAUCET
- WH\* - WATER HEATER
- X\* - EXISTING



**2 ENLARGED FOURTH FLOOR PLUMBING PLAN**  
3/8" = 1'-0"



**PROJECT INFORMATION**  
**POLICE ADMINISTRATION BUILDING 4th FLOOR RENOVATIONS**  
 749 W. State Street  
 Milwaukee, WI



**ISSUANCE AND REVISIONS**  
**CONSTRUCTION SET**

#	DATE	DESCRIPTION
1	08-27-2015	Addendum 1

**KEY PLAN**

**SHEET INFORMATION**

PROJECT MANAGER PK  
 PROJECT NUMBER 2015005  
 DATE July 07, 2015  
**PARTIAL PLANS, GEN. NOTES, LEGEND, ABBREVIATION, SCHEDULES**

**P001**

**KEY NOTES**

- ⊠ NOT USED
- ⊠ EXISTING PLUMBING RISER TO BE RELOCATED. SEQUENCE WORK TO MINIMIZE DOWNTIME. COORDINATE SHUT DOWN OF RISERS WITH OWNER. SEE P103 AND P104 SERIES SHEETS FOR NEW WORK. CAP PIPING AS NECESSARY BELOW 4TH FLOOR DECK. UNLESS OTHERWISE NOTED.
- ⊠ CAP X-DOW, X-DHW, & X-DHWR RISERS AT UNDERSIDE OF 4TH FLOOR DECK.

PROJECT INFORMATION

**POLICE  
ADMINISTRATION  
BUILDING 4th FLOOR  
RENOVATIONS**  
749 W. State Street  
Milwaukee, WI



ISSUANCE AND REVISIONS

CONSTRUCTION SET

#	DATE	DESCRIPTION
1	08-27-2015	Addendum 1

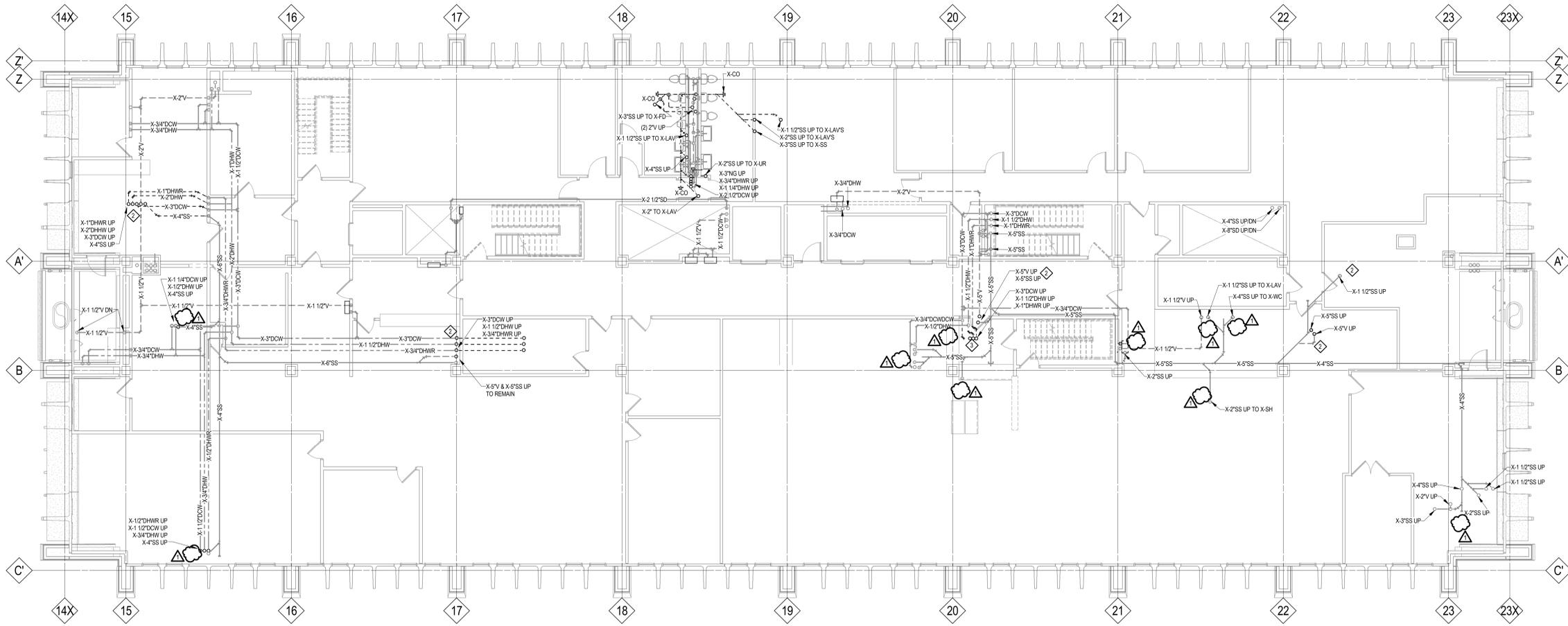
KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	PK
PROJECT NUMBER	2015005
DATE	July 07, 2015

**THIRD FLOOR  
PLUMBING  
DEMOLITION**

**PD103**



**1** THIRD FLOOR PLUMBING DEMOLITION PLAN  
1/8" = 1'-0"

**SEQUENCE NOTE:**  
CONTRACTOR SHALL PROVIDE A DEMOLITION SEQUENCING PLAN FOR ALL DISRUPTIONS OF EXISTING SERVICES. SEQUENCE PLAN SHALL BE SUBMITTED PRIOR TO START OF DEMOLITION AND SHALL INCLUDE DATES, LENGTH OF DISRUPTION AND AREAS AFFECTED. SEQUENCING PLAN SHALL BE COORDINATED WITH OWNER AND SUBMITTED FOR REVIEW BY OWNER PRIOR TO COMMENCEMENT OF WORK.

**KEY NOTES**

- 1 EXISTING PLUMBING FIXTURES REMOVED BY OTHERS. CAP ALL EXISTING PIPING LEFT FROM REMOVAL OF FIXTURE ON 4TH FLOOR LEVEL AT MAINS.
- 2 EXISTING PLUMBING RISER TO BE RELOCATED. SEQUENCE WORK TO MINIMIZE DOWNTIME. COORDINATE SHUT DOWN OF RISERS WITH OWNER. SEE P103 AND P104 SERIES SHEETS FOR NEW WORK. CAP PIPING AS NECESSARY BELOW 4TH FLOOR DECK.
- 3 EXISTING WATER HEATER SHALL BE REMOVED WITH ALL ASSOCIATED PIPING.
- 4 REMOVE EXISTING FIXTURE. CAP PIPING AT WALL.
- 5 REMOVE X-EWC. PREPARE EXISTING PIPING IN WALL FOR NEW FIXTURE.
- 6 REMOVE PIPING TO UNDERSIDE OF 5TH FLOOR DECK. SEE P104 SERIES SHEETS FOR NEW WORK.
- 7 EXISTING SS PIPING FROM 2014 5TH FLOOR PROJECT TO REMAIN.

**PROJECT INFORMATION**  
**POLICE ADMINISTRATION BUILDING 4th FLOOR RENOVATIONS**  
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**ISSUANCE AND REVISIONS**  
**CONSTRUCTION SET**

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1	08-27-2015	Addendum 1

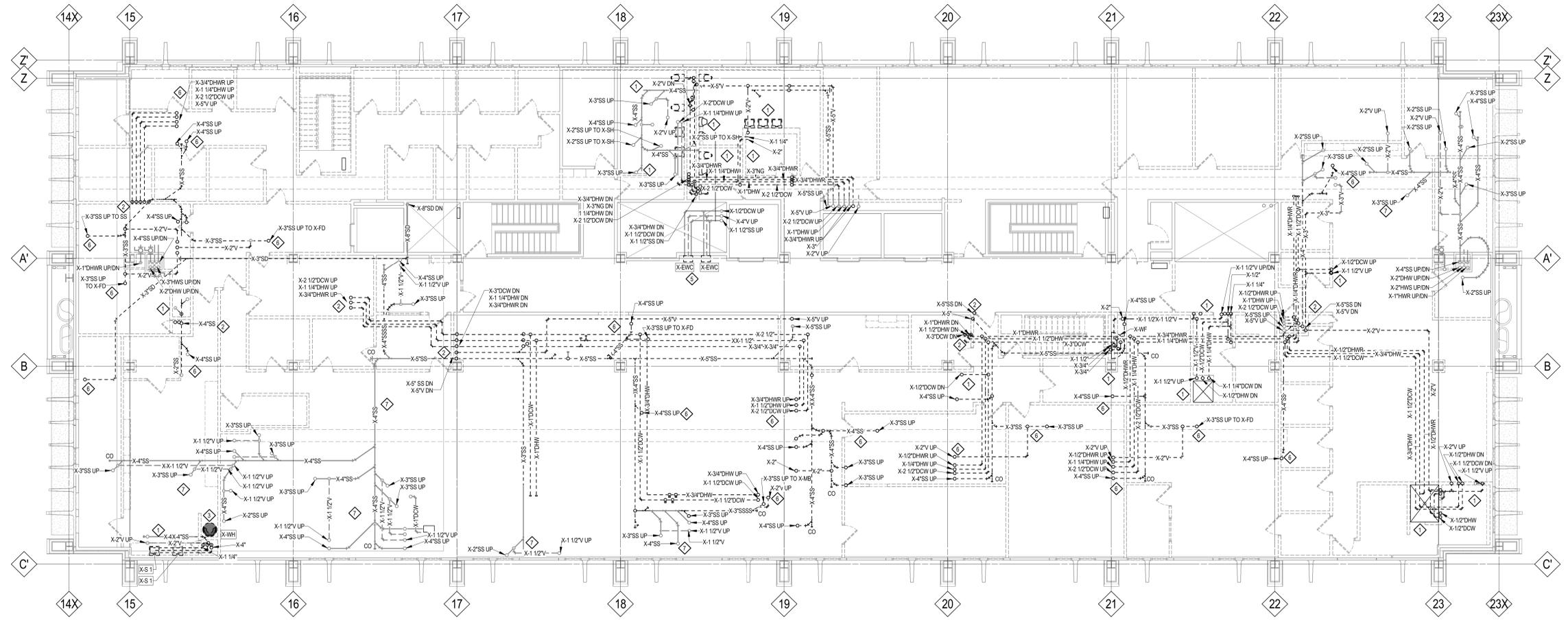
**KEY PLAN**

**SHEET INFORMATION**

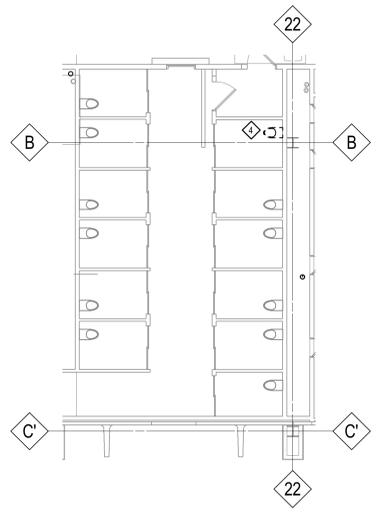
PROJECT MANAGER	PK
PROJECT NUMBER	2015005
DATE	July 07, 2015

**FOURTH & FIFTH FLOOR PLUMBING DEMOLITION**

**PD104**



**1 FOURTH FLOOR PLUMBING DEMOLITION PLAN**  
 1/8" = 1'-0"



**2 PARTIAL FIFTH FLOOR PLUMBING DEMOLITION PLAN**  
 1/8" = 1'-0"

**SEQUENCE NOTE:**  
 CONTRACTOR SHALL PROVIDE A DEMOLITION SEQUENCING PLAN FOR ALL DISRUPTIONS OF EXISTING SERVICES. SEQUENCE PLAN SHALL BE SUBMITTED PRIOR TO START OF DEMOLITION AND SHALL INCLUDE DATES, LENGTH OF DISRUPTION AND AREAS AFFECTED. SEQUENCING PLAN SHALL BE COORDINATED WITH OWNER AND SUBMITTED FOR REVIEW BY OWNER PRIOR TO COMMENCEMENT OF WORK.



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KEY NOTES

- CONTRACTOR SHALL REINSULATE ALL EXISTING PIPING AS RESULT OF ABAITEMENT WORK. INSULATE PER SPECIFICATIONS.
- OFFSET NEW 5"SS & 5"V IN 3RD FLOOR CEILING CONNECTING TO EXISTING VERTICAL 5"SS & 5"V ON 3RD FLOOR. COORDINATE WITH OWNER TO MINIMIZE DOWNTIME.
- FIELD VERIFY EXISTING CONNECTION POINTS AND SIZES.

PROJECT INFORMATION

POLICE  
ADMINISTRATION  
BUILDING 4th FLOOR  
RENOVATIONS  
749 W. State Street  
Milwaukee, WI



ISSUANCE AND REVISIONS

CONSTRUCTION SET

#	DATE	DESCRIPTION
1	08-27-2015	Addendum 1

KEY PLAN

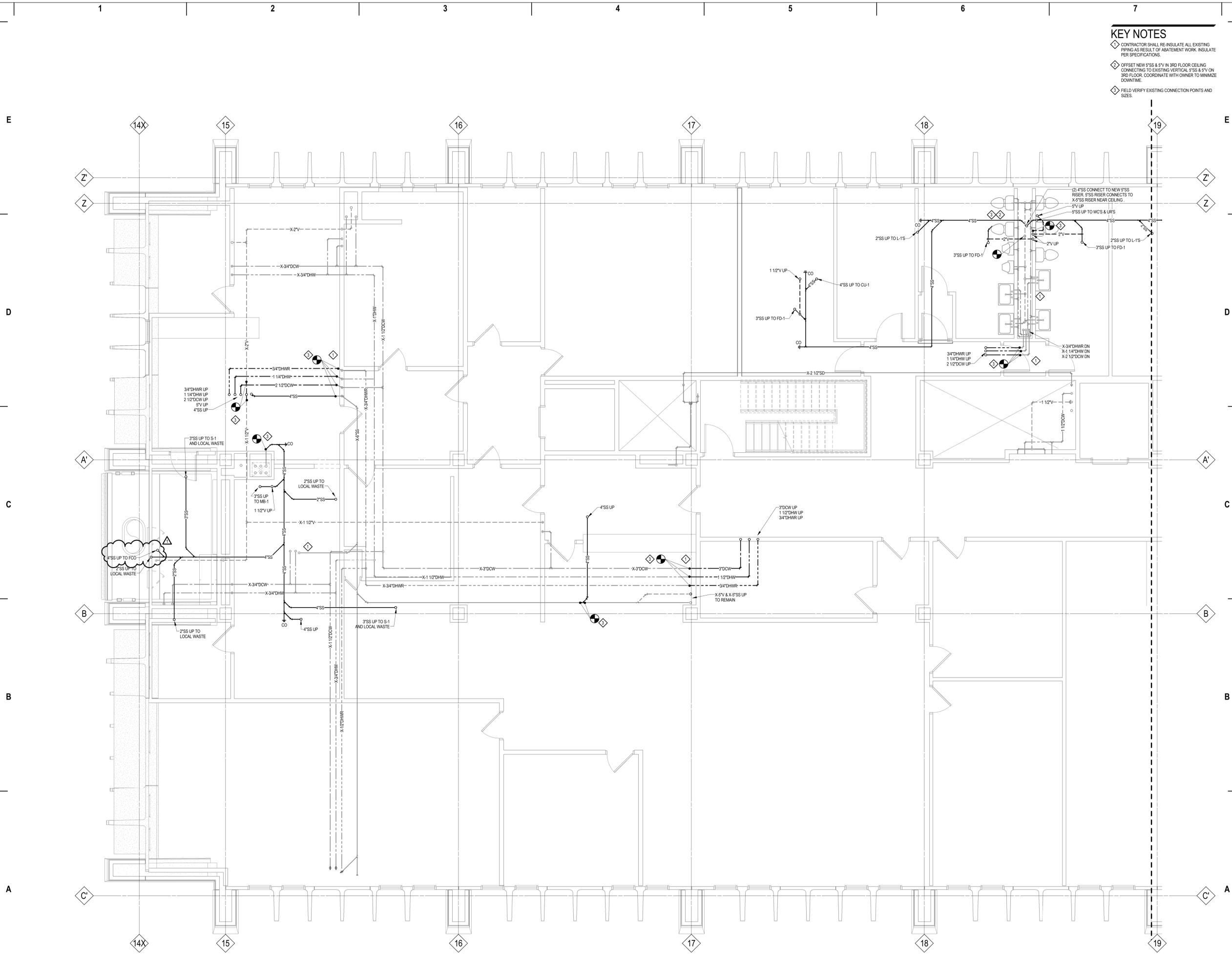
SHEET INFORMATION

PROJECT MANAGER	PK
PROJECT NUMBER	2015005
DATE	July 07, 2015

THIRD FLOOR WEST  
PLUMBING PLAN

P103W

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1 THIRD FLOOR PLUMBING PLAN - WEST  
1/4" = 1'-0"



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**KEY NOTES**

- ◇ RELOCATE EXISTING PLUMBING RISERS AS NOTED. FIELD VERIFY EXACT LOCATION AND ROUTING. REPORT ANY DISCREPANCIES TO ARCHITECT.
- ◇ PROVIDE 2" LOCAL WASTE 12" AFF WITH 3" RECEPTOR TO ACCOMMODATE DRAINS FROM BLOOD DRYING CABINETS. CONNECT BLOOD DRYING CABINET DRAINS TO HUB DRAIN WITH APPROVED AIR GAP FITTING.
- ◇ CONTRACTOR SHALL VERIFY EXISTING PLUMBING RISER LOCATION AND CONNECTION POINTS. RE-ROUTE PIPING AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS.
- ◇ CONNECT NEW PIPING TO EXISTING PIPING AT 4TH FLOOR LEVEL AND UNDERSIDE OF 5TH FLOOR DECK.
- ◇ PROVIDE NEW ELECTRIC WATER COOLER (EWC-1) CONNECT TO EXISTING PIPING LEFT FROM DEMOLISHED WATER COOLER. VERIFY LOCATION FOR ADA INSTALLATION REQUIREMENTS.
- ◇ COORDINATE PIPE ROUTING WITH MAIN SUPPLY DUCT.

**PROJECT INFORMATION**

**POLICE ADMINISTRATION BUILDING 4th FLOOR RENOVATIONS**  
 749 W. State Street  
 Milwaukee, WI



**ISSUANCE AND REVISIONS**

**CONSTRUCTION SET**

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**KEY PLAN**

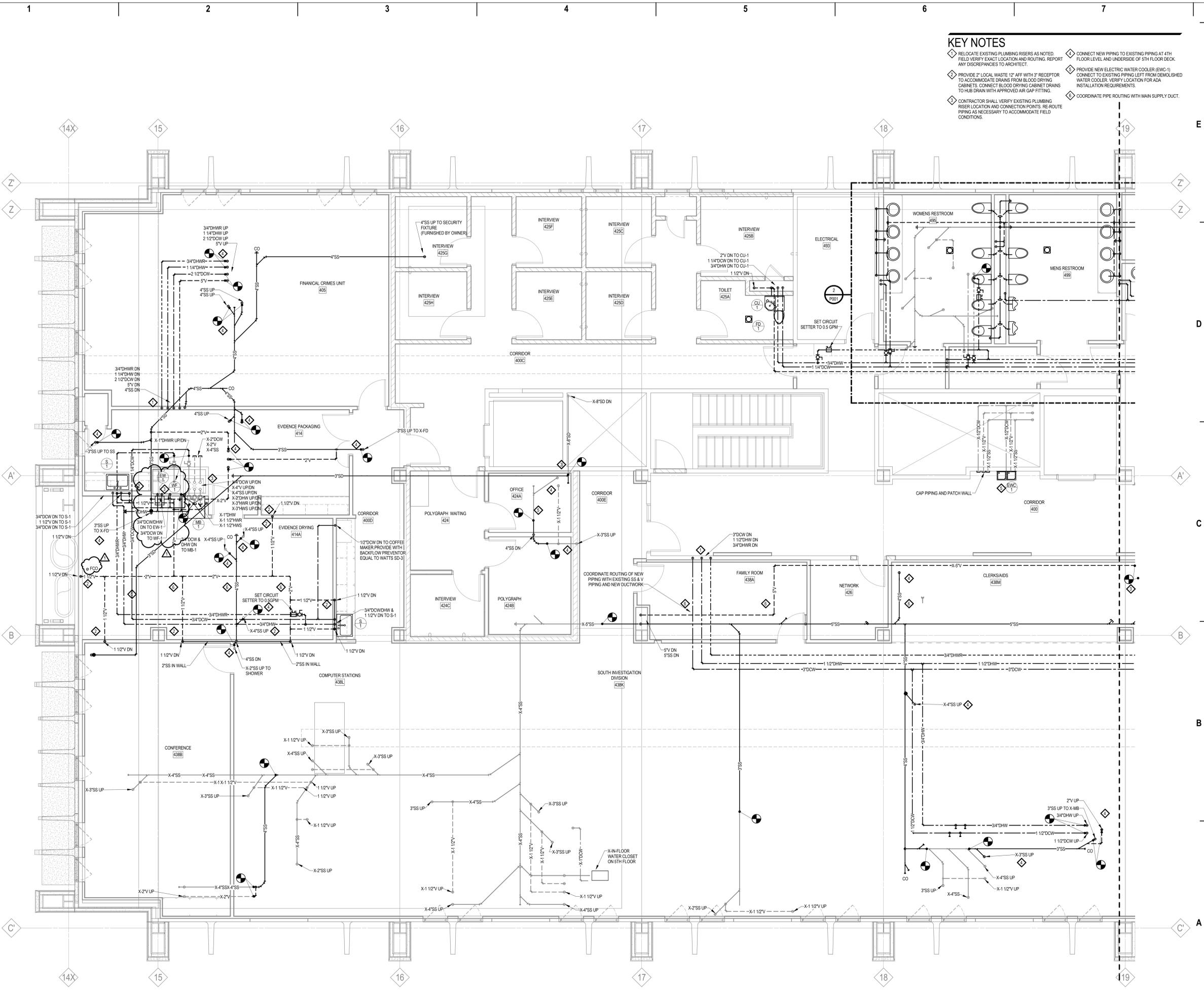
**SHEET INFORMATION**

PROJECT MANAGER	PK
PROJECT NUMBER	2015005
DATE	July 07, 2015

**FOURTH FLOOR WEST PLUMBING PLAN**

**P104W**

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**1** FOURTH FLOOR PLUMBING PLAN - WEST  
 1/4" = 1'-0"

**KEY NOTES**

- ◇ PROVIDE 2" LOCAL WASTE 12" AFF WITH 3" RECEPTOR TO ACCOMMODATE DRAINS FROM BLOOD DRYING CABINETS. CONNECT DRAINS FROM BLOOD DRY CABINETS TO LOCAL WASTE WITH APPROVED AIR GAP FITTING.
- ◇ REPLACE AND REROUTE EXISTING 5"SS & 5"V STACKS TO NEW PLUMBING TO NEW PLUMBING CHASE ON 4TH FLOOR. REPLACE EXISTING PIPING IN CEILING OF 4TH FLOOR. RECONNECT TO EXISTING PIPING ON 3RD FLOOR AND AT UNDERDRIVE OF 5TH FLOOR DECK.
- ◇ RELOCATE EXISTING PLUMBING RISERS AS NOTED. FIELD VERIFY EXACT LOCATION AND ROUTING. REPORT ANY DISCREPANCIES TO ARCHITECT.

**PROJECT INFORMATION**

**POLICE ADMINISTRATION BUILDING 4th FLOOR RENOVATIONS**  
 749 W. State Street  
 Milwaukee, WI



**ISSUANCE AND REVISIONS**

**CONSTRUCTION SET**

#	DATE	DESCRIPTION
1	08-27-2015	Addendum 1

**KEY PLAN**

**SHEET INFORMATION**

PROJECT MANAGER	PK
PROJECT NUMBER	2015005
DATE	July 07, 2015

**PLUMBING SUPPLY & WASTE/VENT ISOMETRICS**

**P201**

1

2

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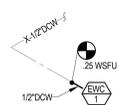
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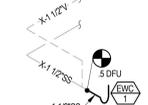
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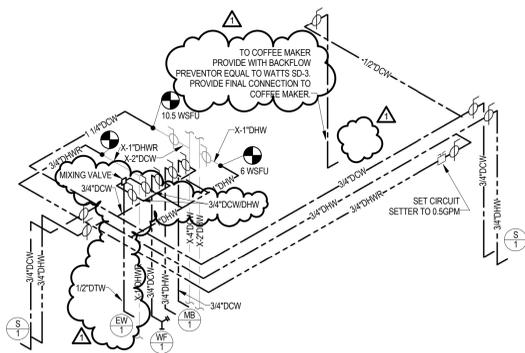


**6 PLUMBING SUPPLY ISOMETRIC - ELECTRIC WATER COOLER**  
 1/4" = 1'-0"

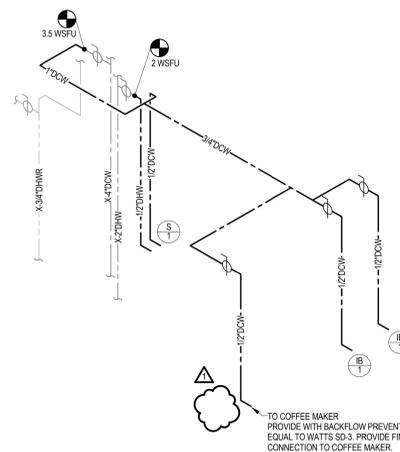


**3 PLUMBING WASTE ISOMETRIC - ELECTRIC WATER COOLER**  
 1/4" = 1'-0"

D

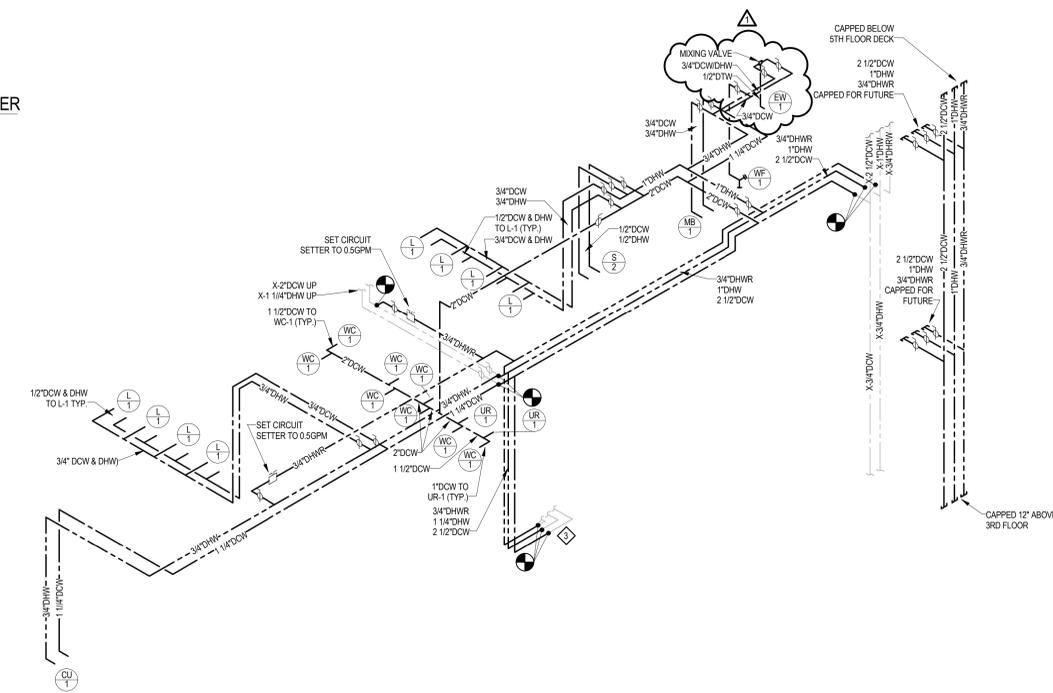


**7 PLUMBING SUPPLY ISOMETRIC - EVIDENCE PACKAGING/DRYING 414/414A & CORRIDOR 400D**  
 1/4" = 1'-0"



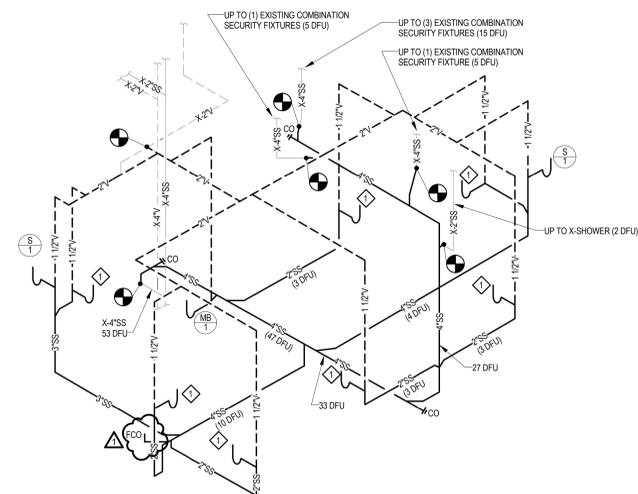
**4 PLUMBING SUPPLY ISOMETRIC - BREAK ROOM 438F**  
 1/4" = 1'-0"

C

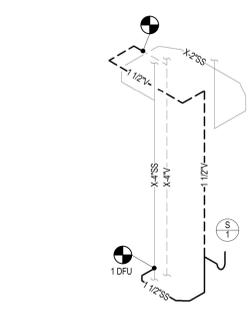


**1 PLUMBING SUPPLY ISOMETRIC - WOMENS/MEN RESTROOMS 495/499, MOTHER'S ROOM 455, AND TOILET ROOM 425A**  
 1/4" = 1'-0"

B

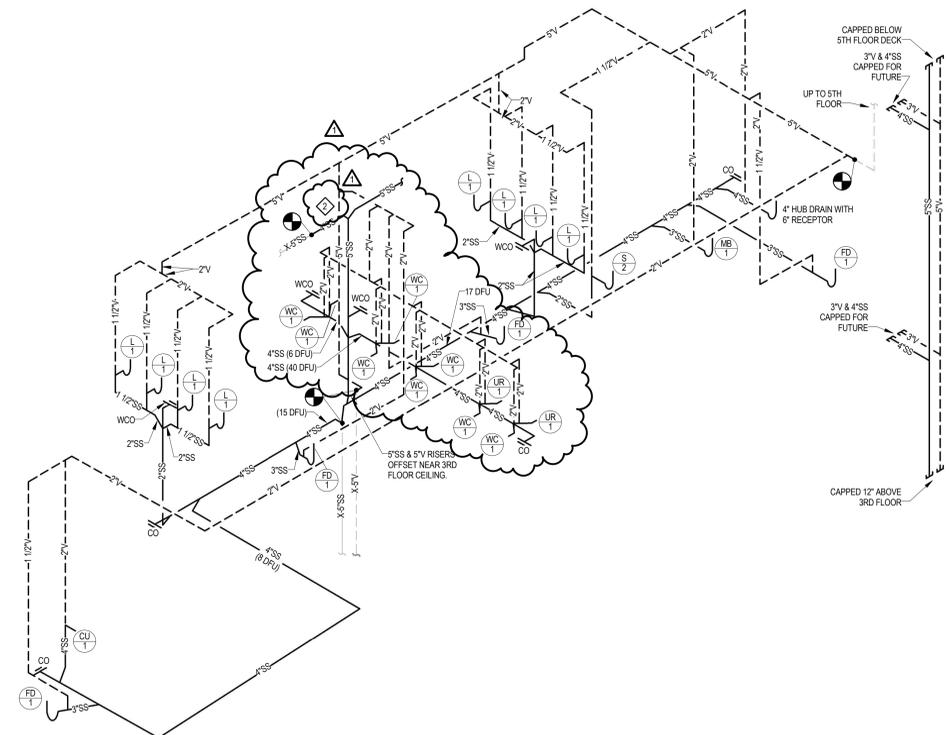


**8 PLUMBING WASTE/VENT ISOMETRIC - EVIDENCE PACKAGING/DRYING 414/414A & CORRIDOR 400D**  
 1/4" = 1'-0"



**5 PLUMBING WASTE/VENT ISOMETRIC - BREAK ROOM 438F**  
 1/4" = 1'-0"

A



**2 PLUMBING WASTE/VENT ISOMETRIC - WOMENS/MEN RESTROOMS 495/499, MOTHER'S ROOM 455, AND TOILET ROOM 425A**  
 1/4" = 1'-0"

1

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3

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