# IA DAS PROJECT #9372.00 - MPCF BLDG 20 PLUMBING REPLACEMENT

## **Iowa Department of Administrative Services**

1200 E Washington St, Mt Pleasant, IA 52641



## **CODE SUMMARY**

**Applicable Codes:** 2015 International Existing Building Code 2015 International Building Code 2015 International Fire Code 2010 Americans with Disabilities Act State Mechanical Code State Plumbing Code State Electrical Code ASME A17.1 Safety Code for Elevators and Escalators State of Iowa Elevator Safety Rules

Removal and replacement of existing waste, vent, and water piping plumbing systems and plumbing fixtures that serve Building 20 at Mount Pleasant Correctional Facility.

International Existing Building Code Chapter 5 Classification of Work

703 Fire Protection

Level 1 alterations include the removal and replacement or the covering of existing materials, elements, equipment, or fixtures using new materials, elements, equipment, or fixtures that serve the same purpose. Level 1 alterations shall comply with the provisions of Chapter 7.

Alterations shall not reduce or have the effect of reducing accessibility of a facility or portion of a facility.

Chapter 7 Alterations - Level 1 Alterations shall not make an existing building less safe than its existing condition. 702 Building Elements and Materials New finishes shall comply with Chapter 8 of the IBC.

Alterations will maintain the level of fire protection provided. Alterations will maintain the level of protection provided for means of egress.

International Building Code Chapter 3 – Use and Occupancy Classification The use and occupancy classification of the existing building will remain unchanged. Chapter 5 – General Building Heights and Areas

Existing building height and area to remain unchanged. Chapter 6 – Types of Construction The type of construction for the existing building will remain unchanged. Chapter 7 – Fire and Smoke Protection Features

New construction is minimal. Chapter 10 – Means of Egress

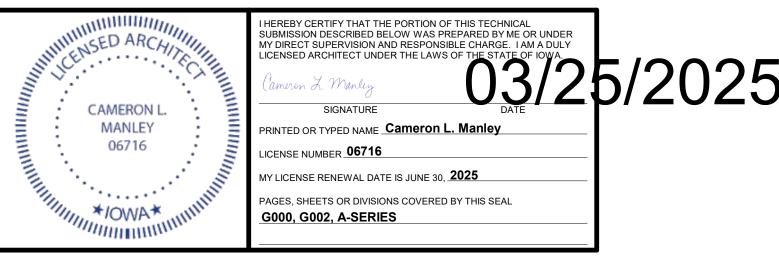
Means of egress will remain unchanged in the existing building.

## SHEET INDEX

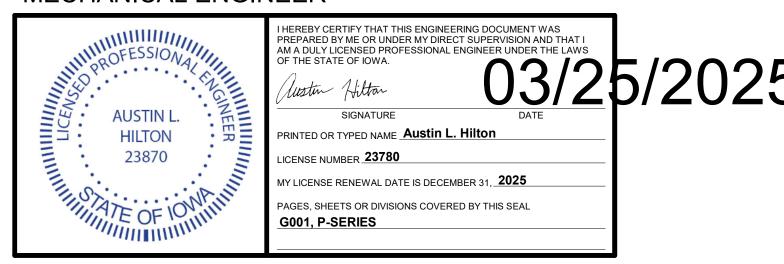


## CERTIFICATIONS

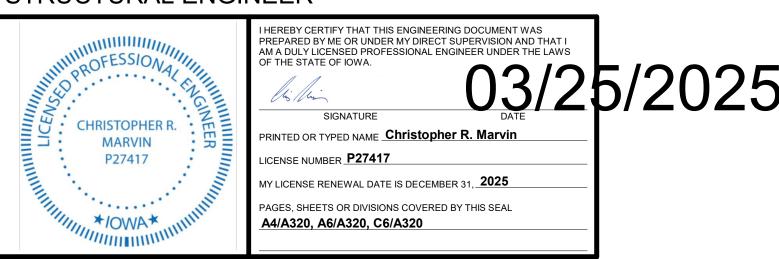
#### **ARCHITECT**

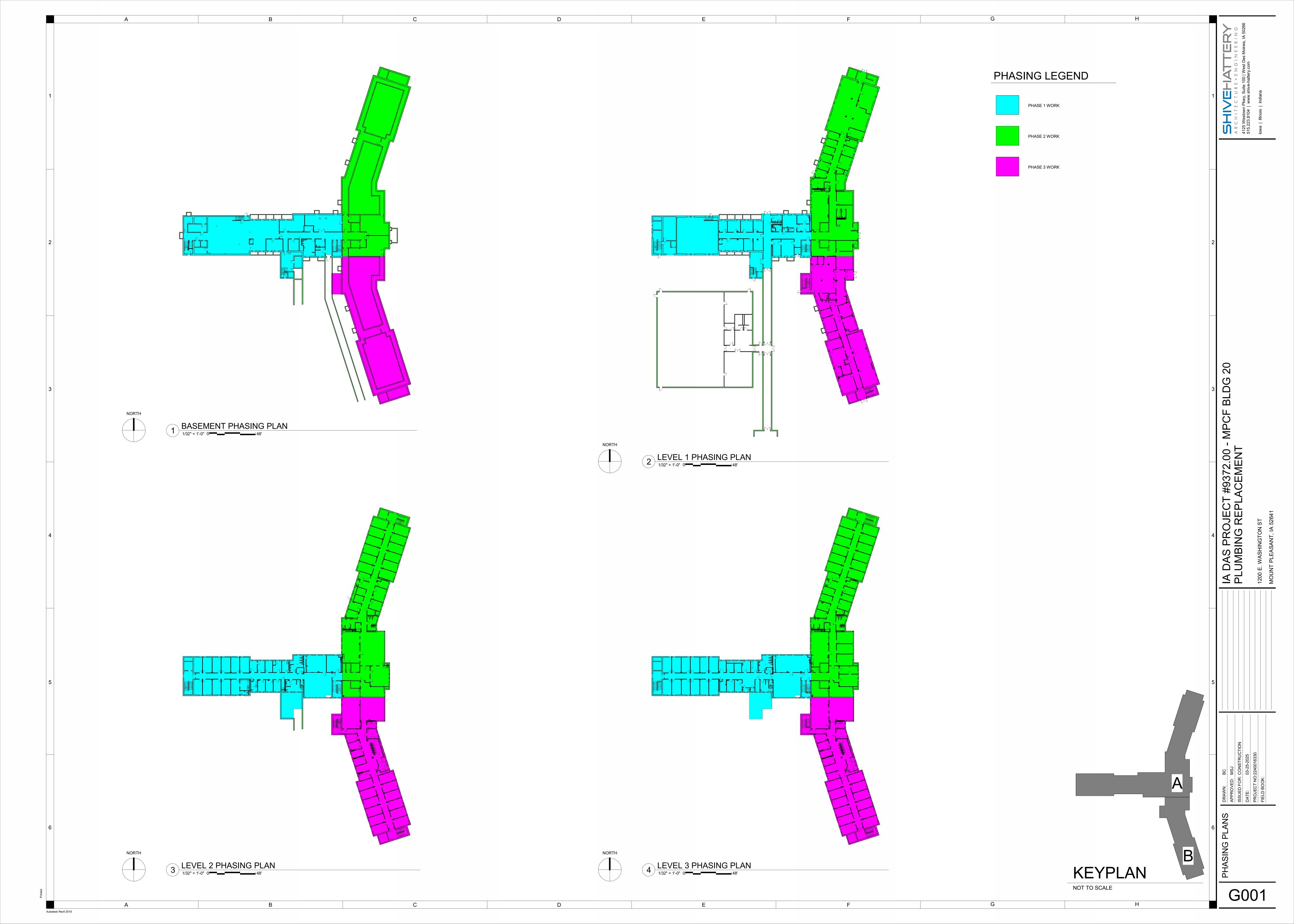


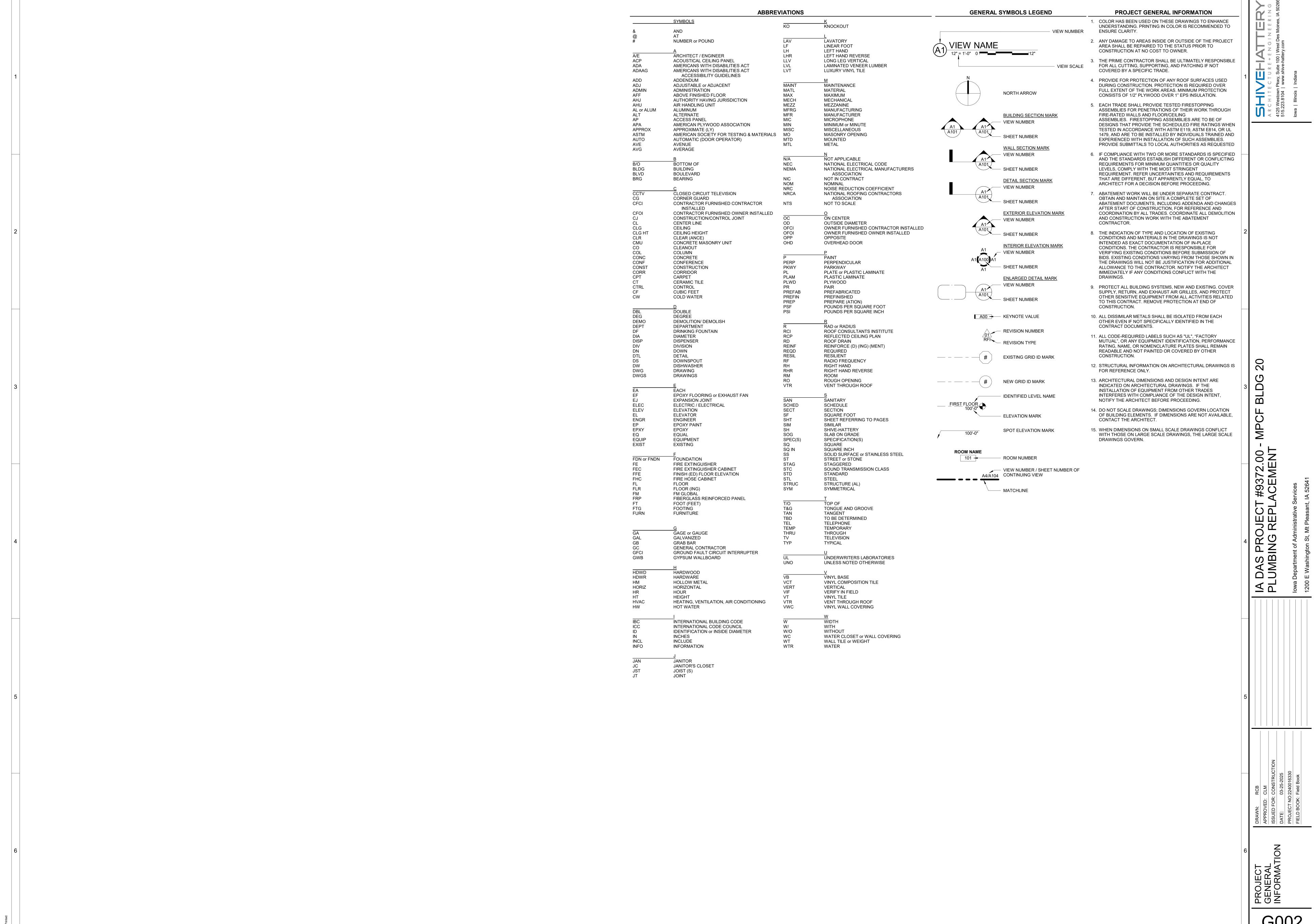
## MECHANICAL ENGINEER



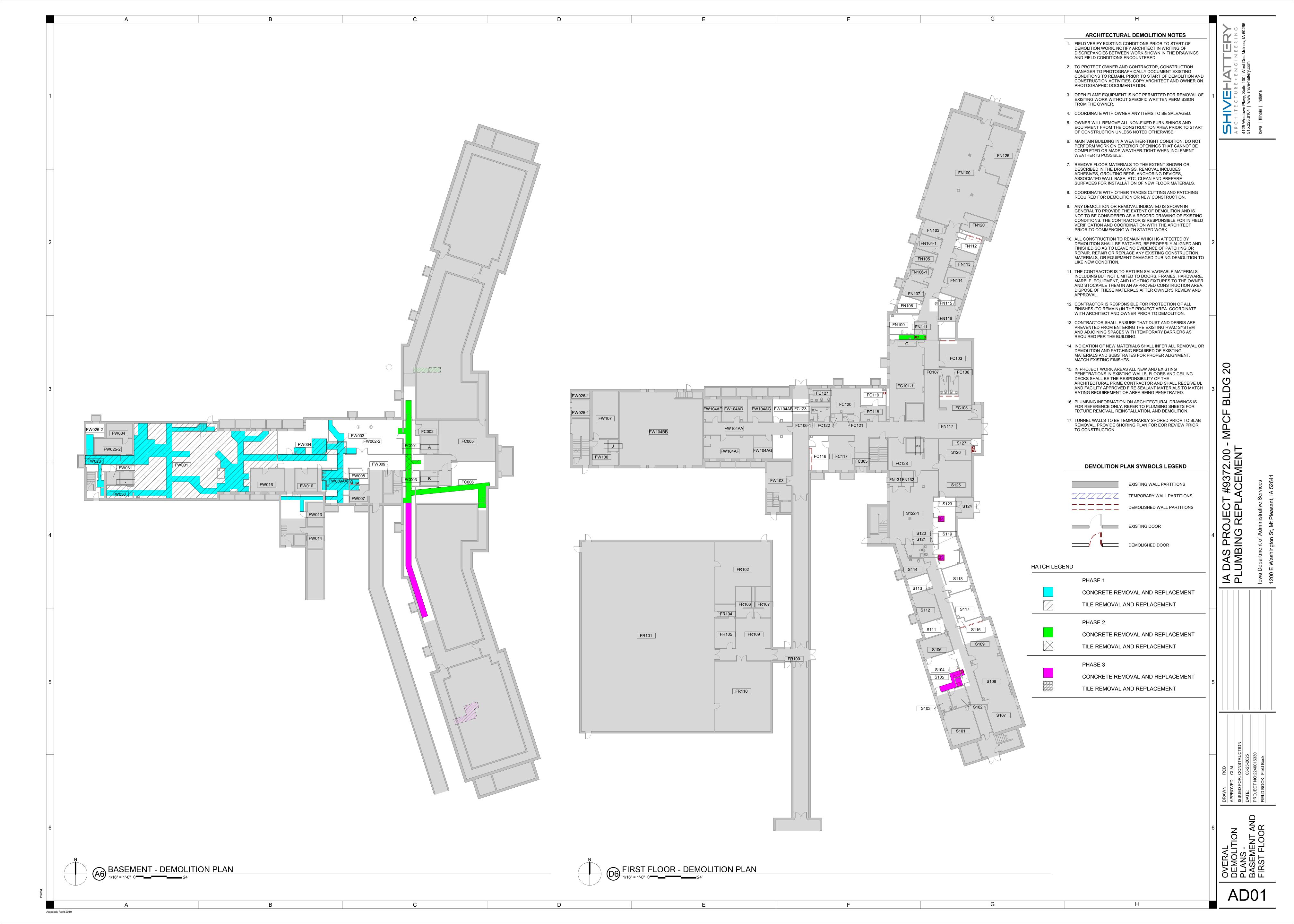
#### STRUCTURAL ENGINEER

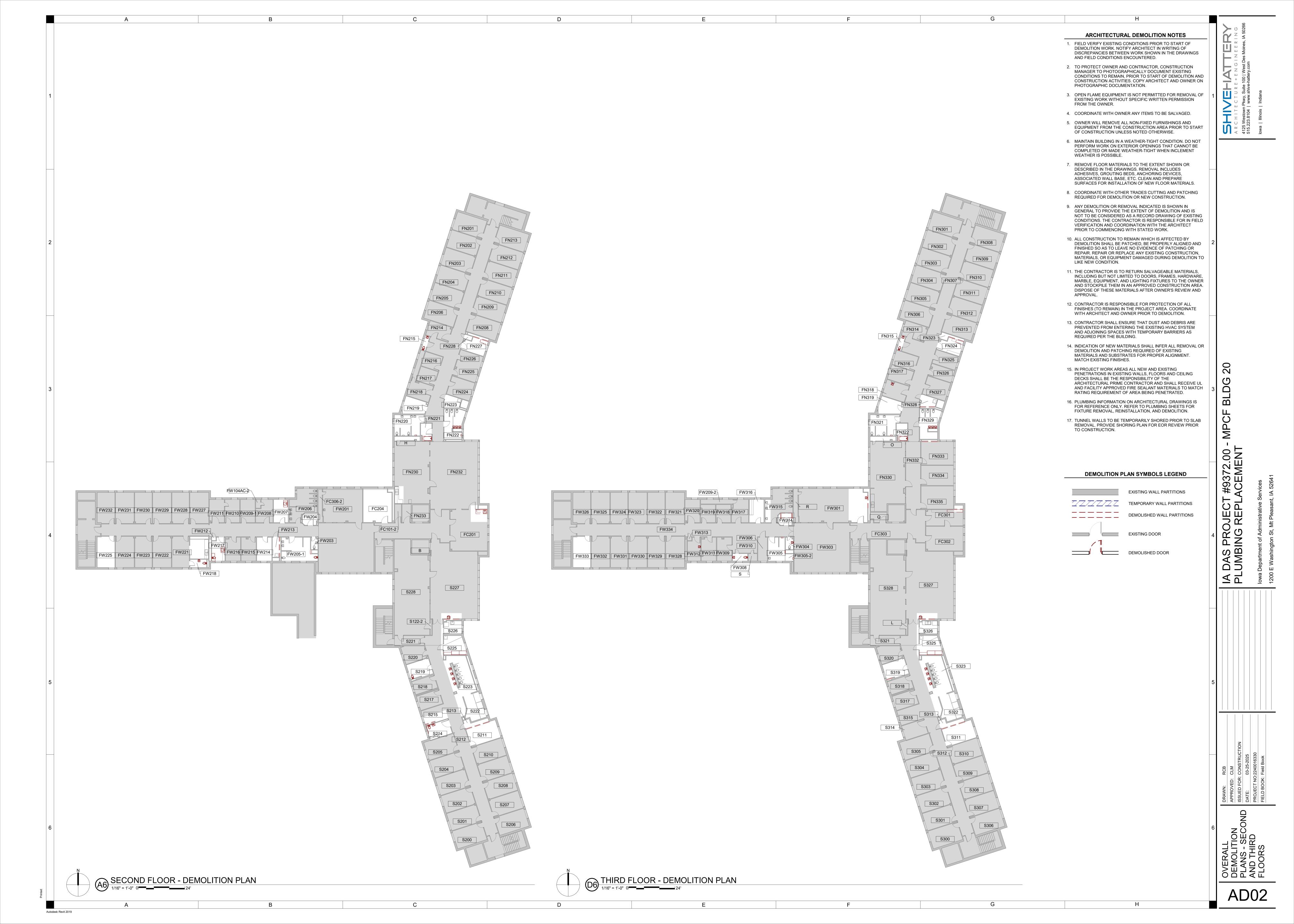


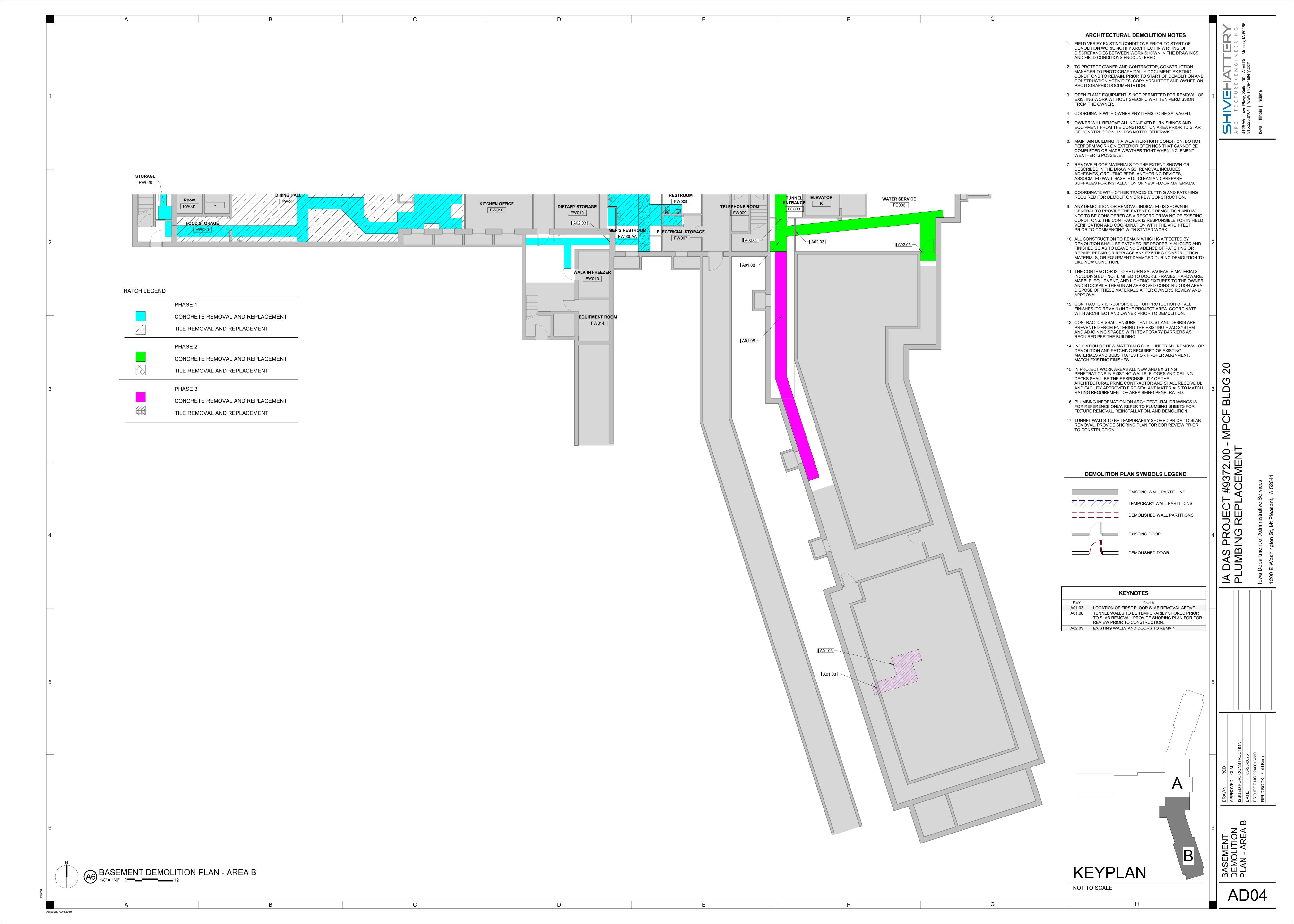


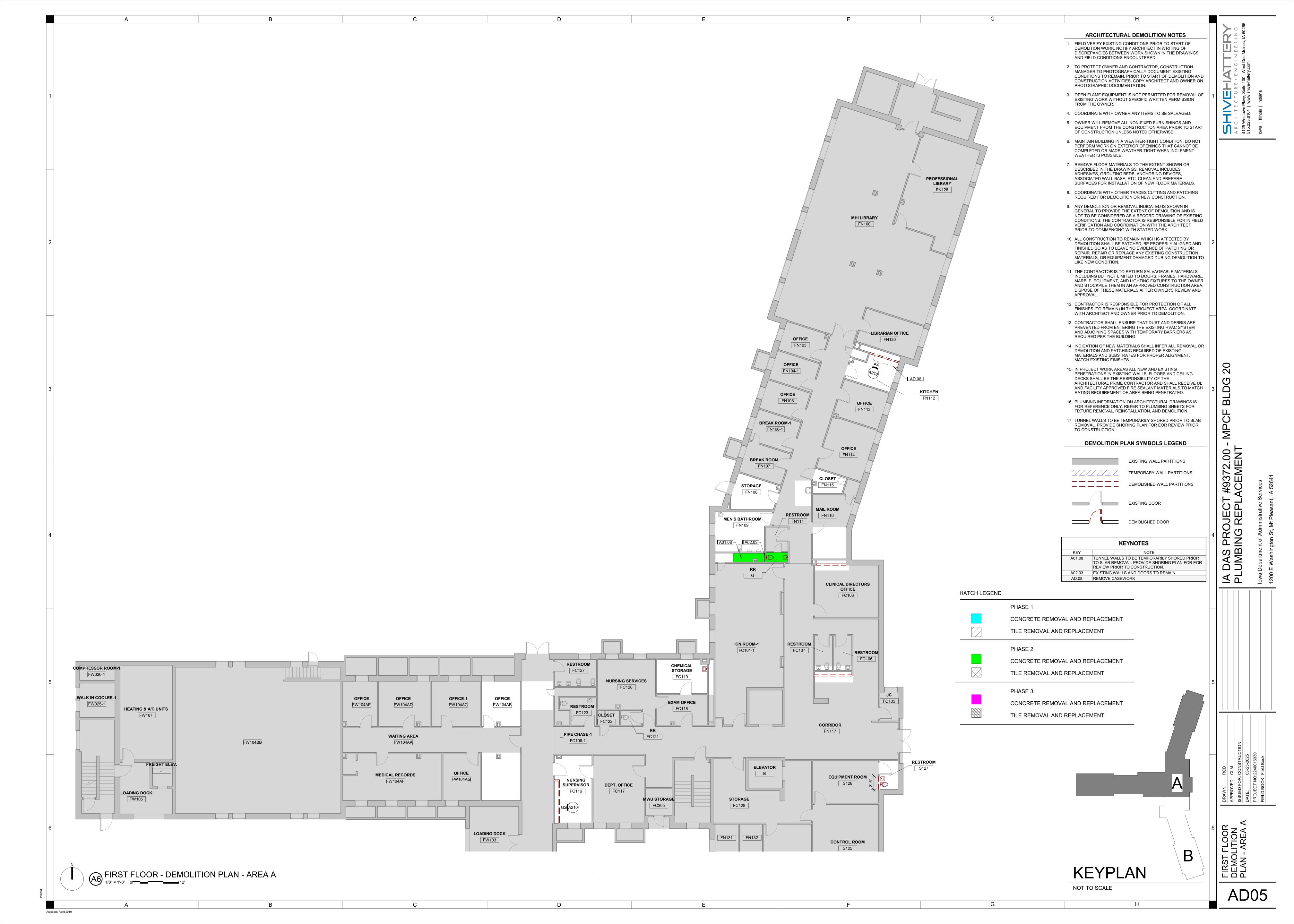


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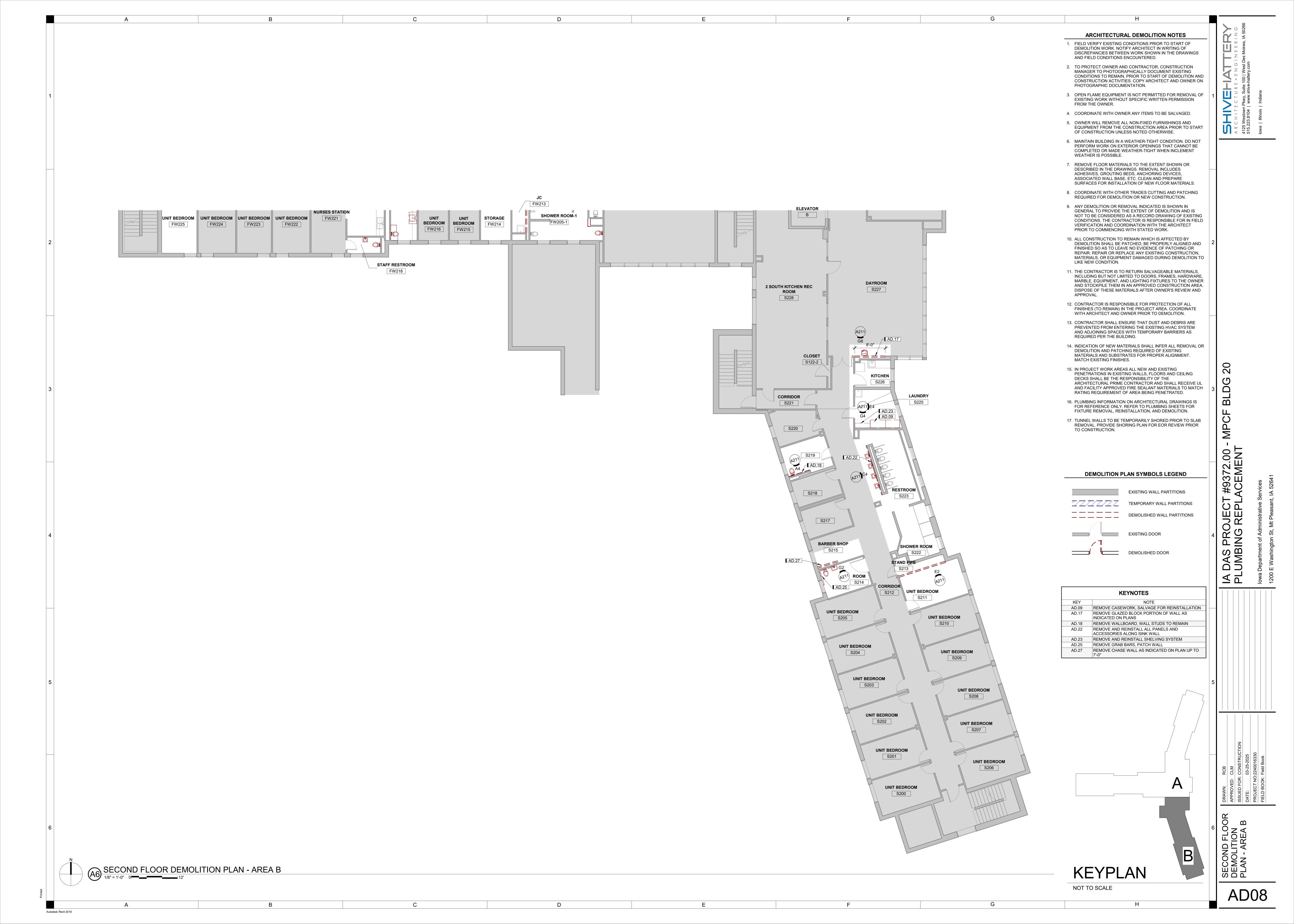






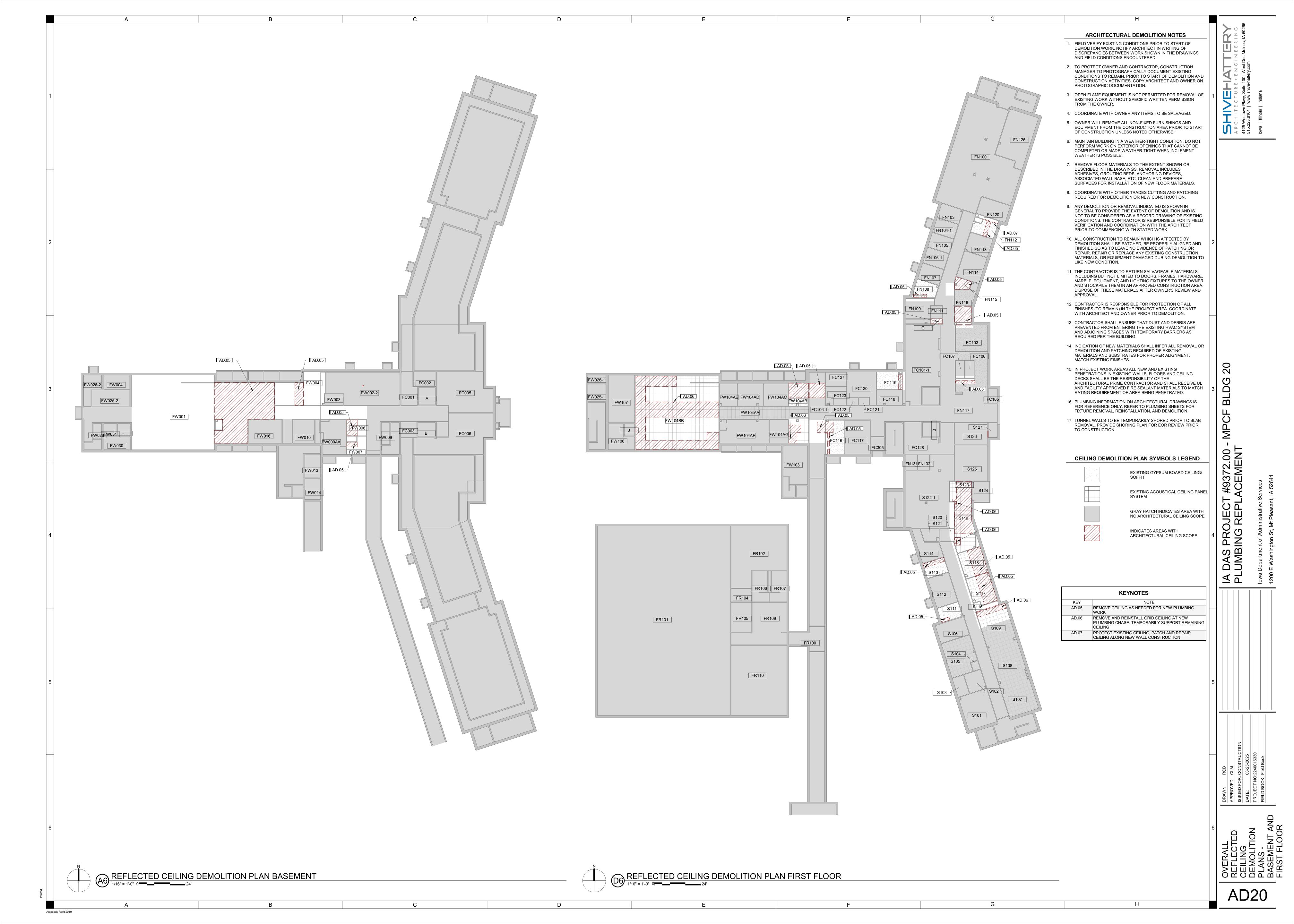


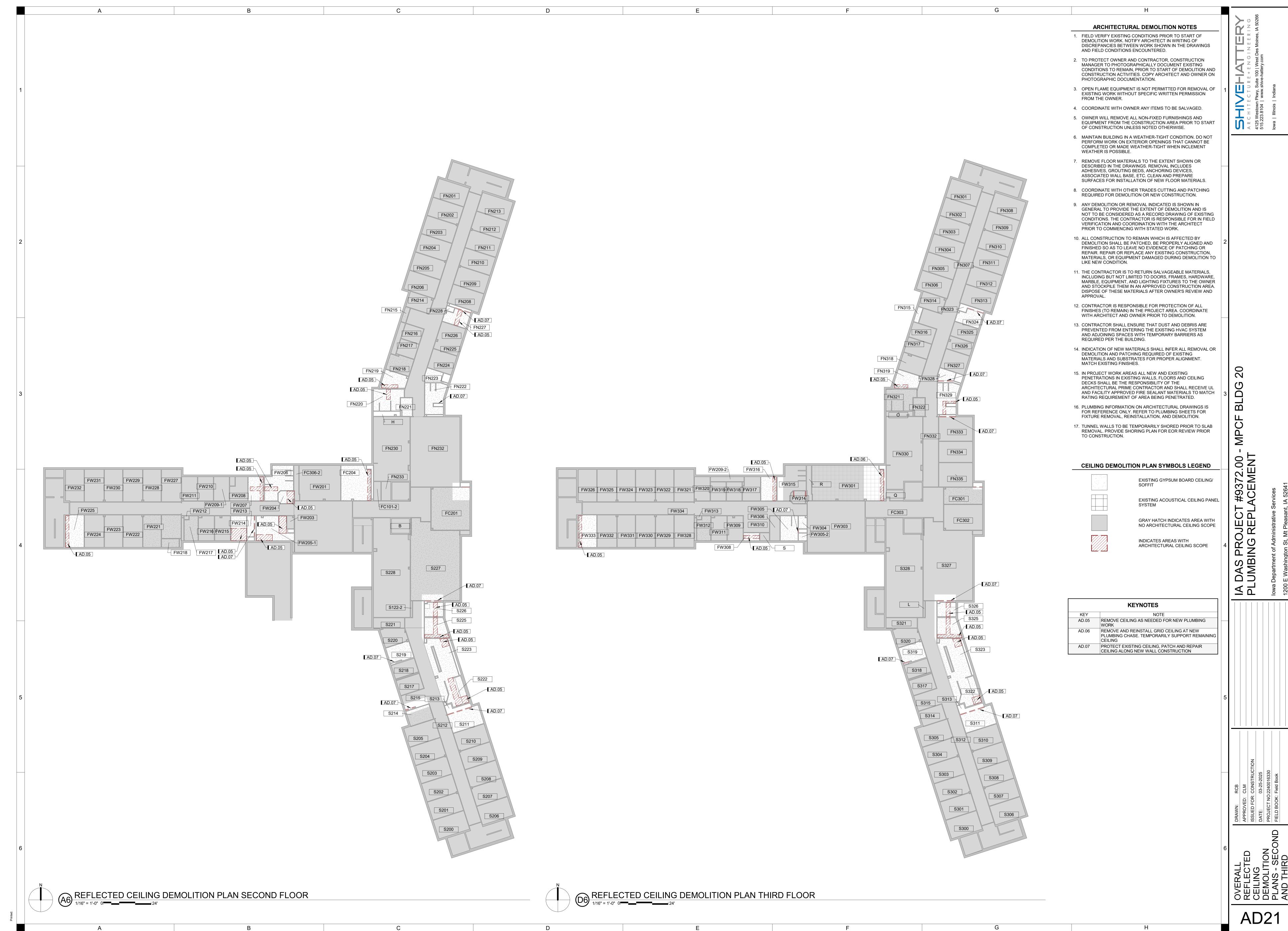




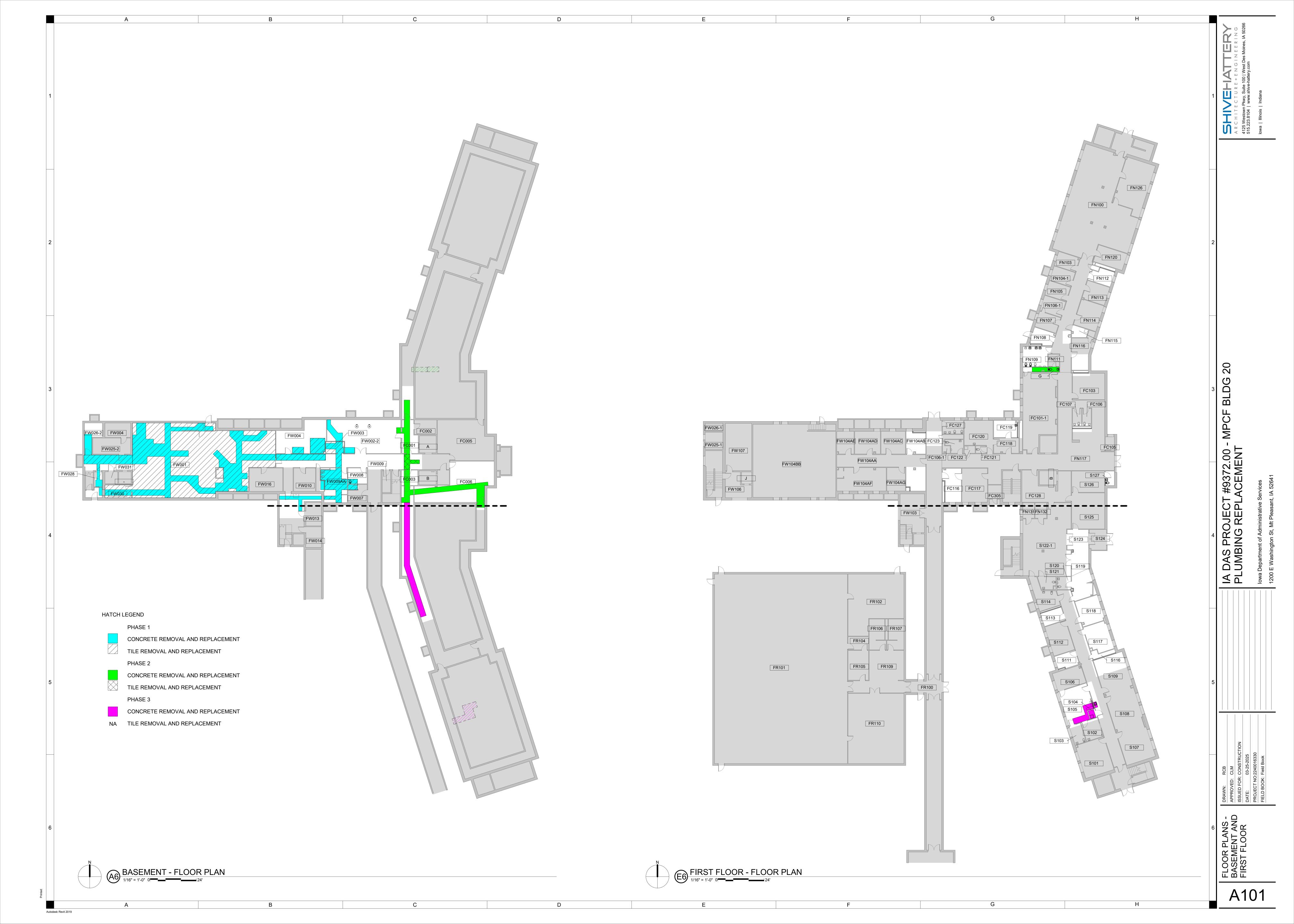


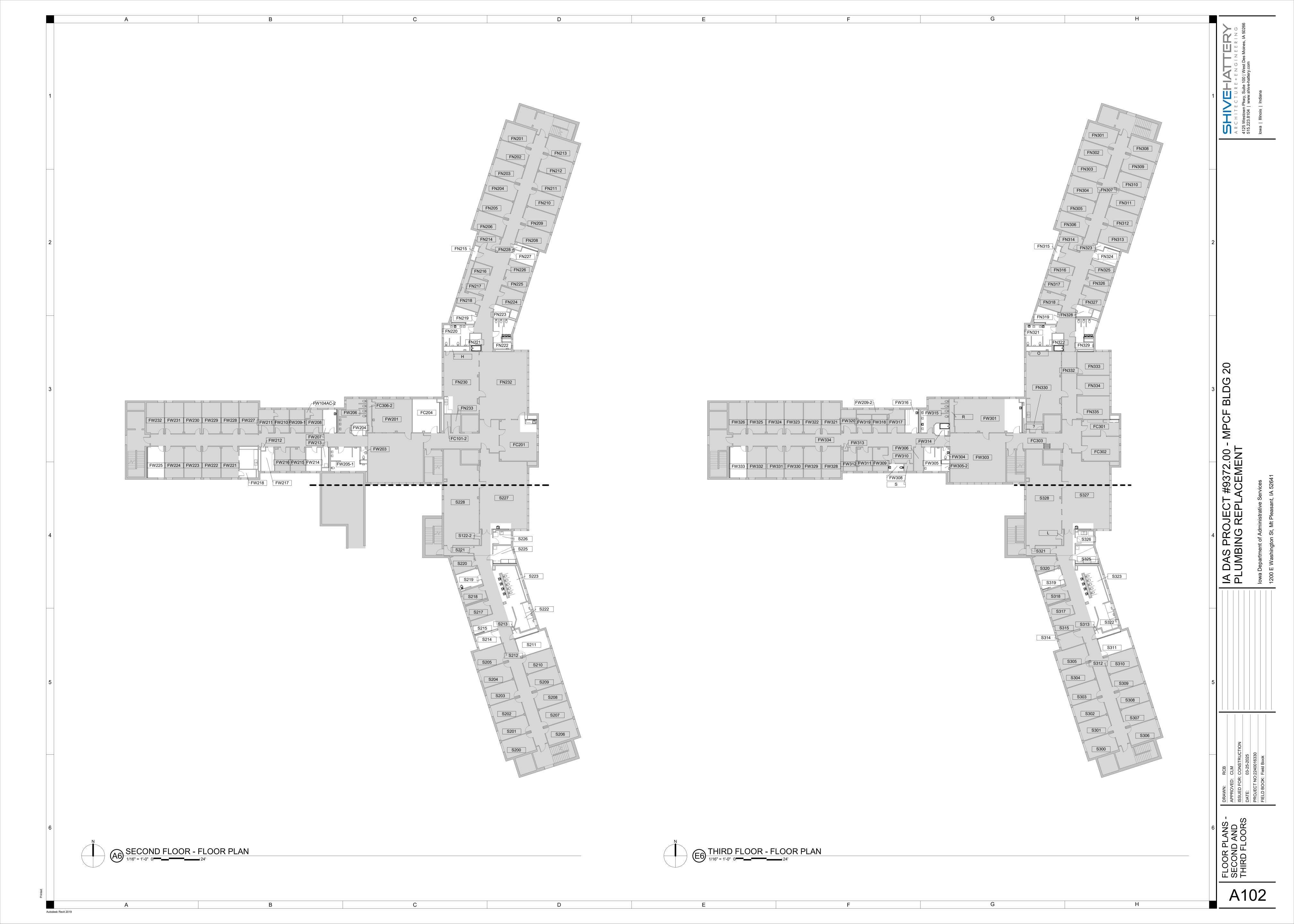


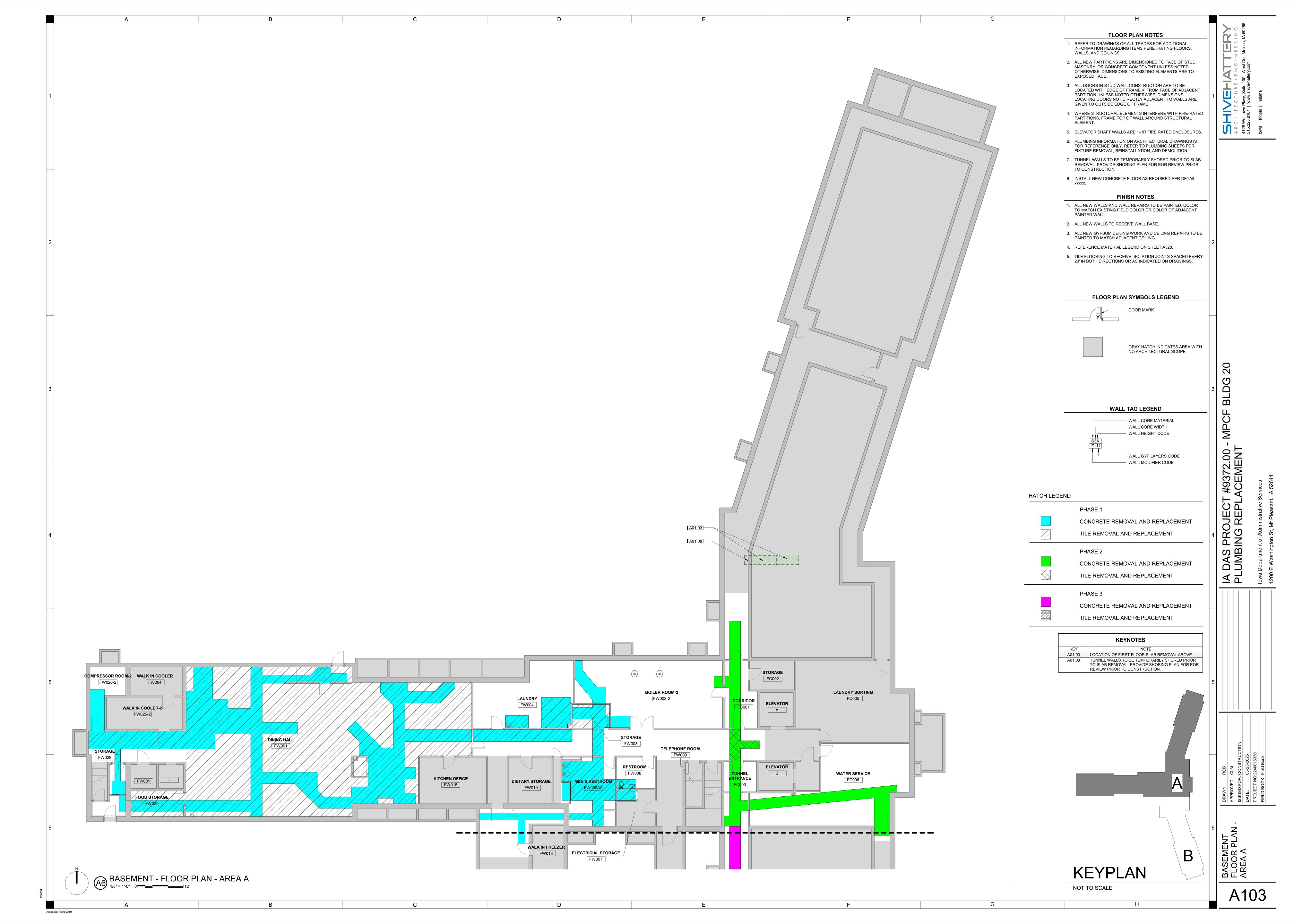


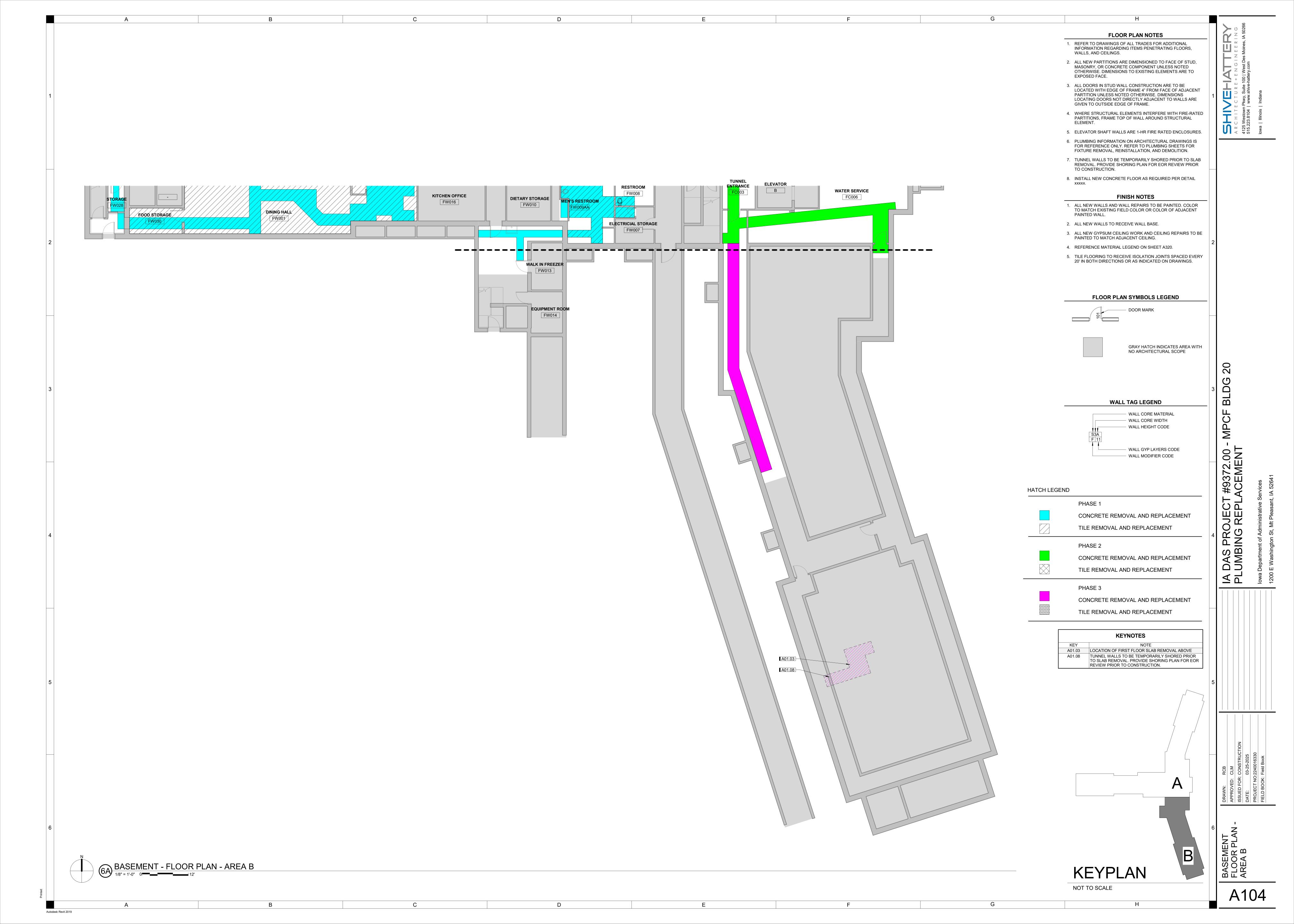


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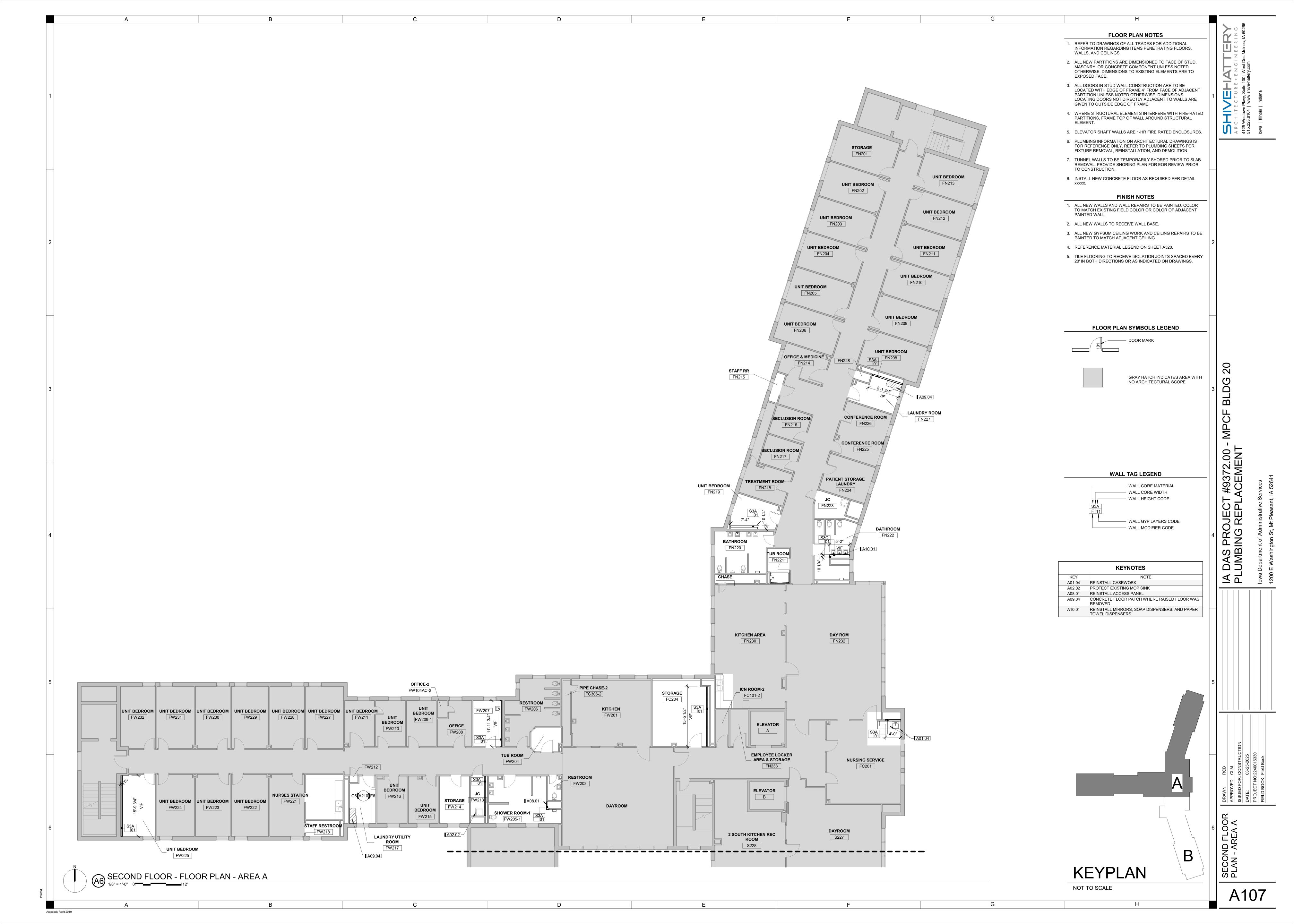




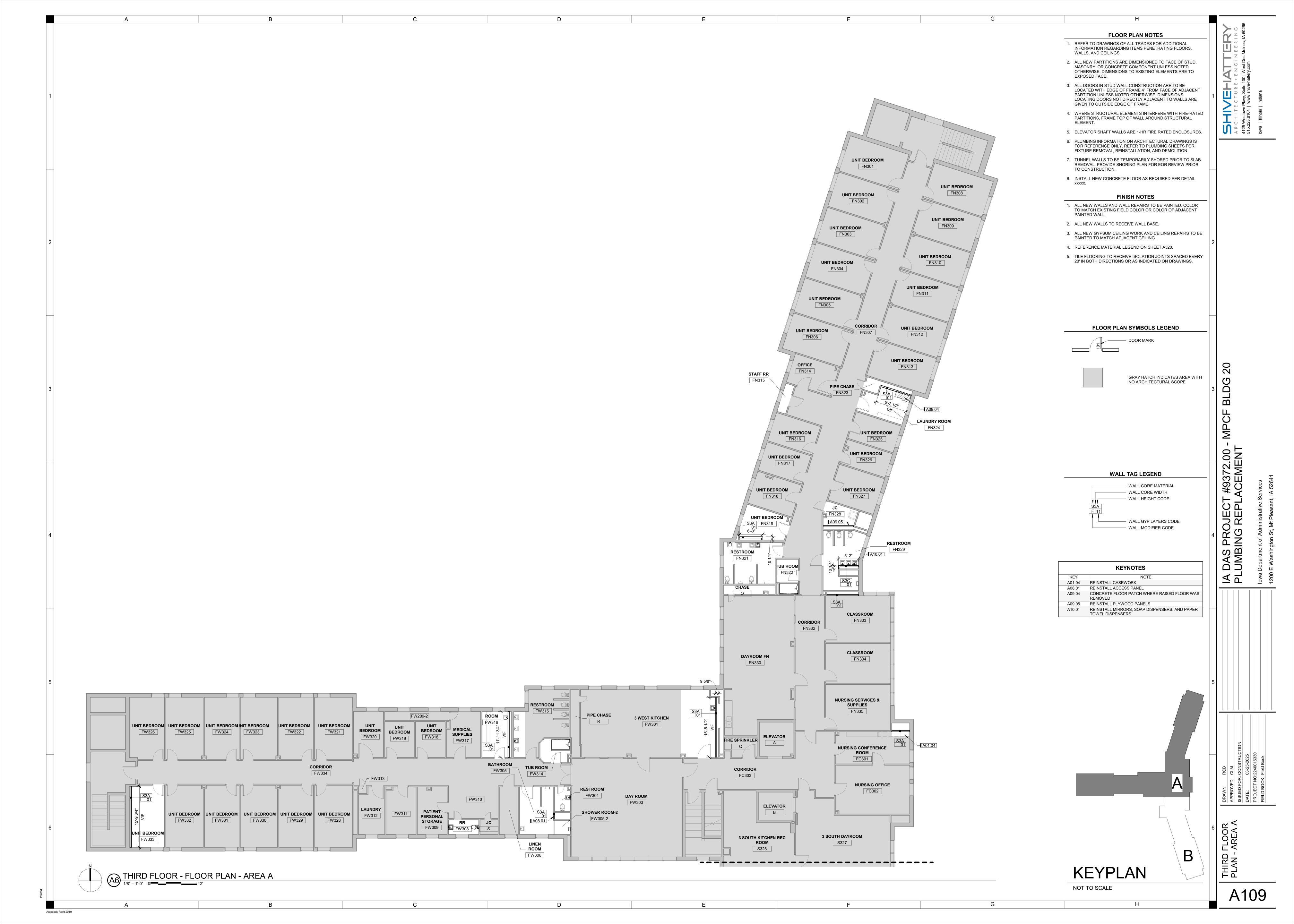


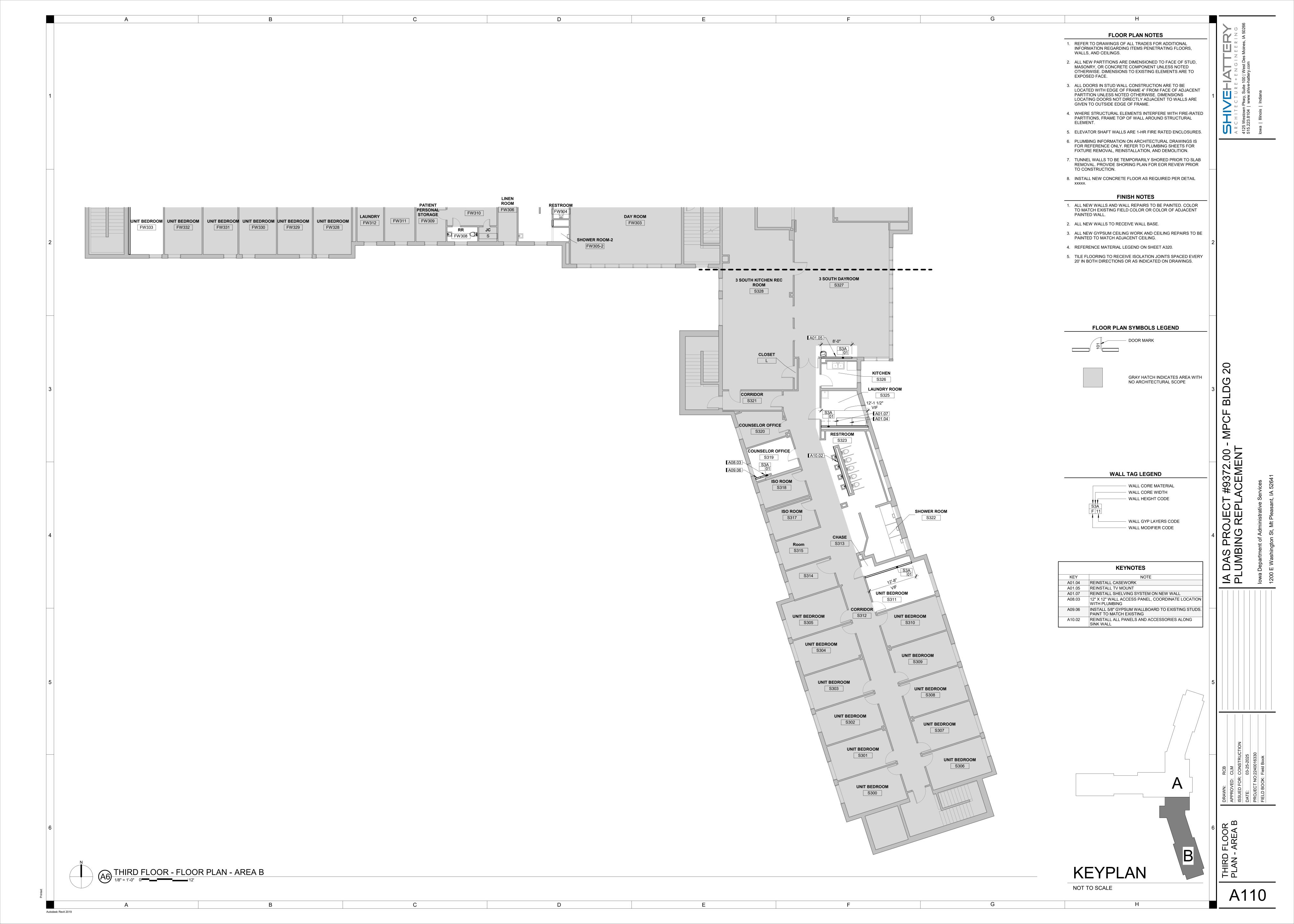


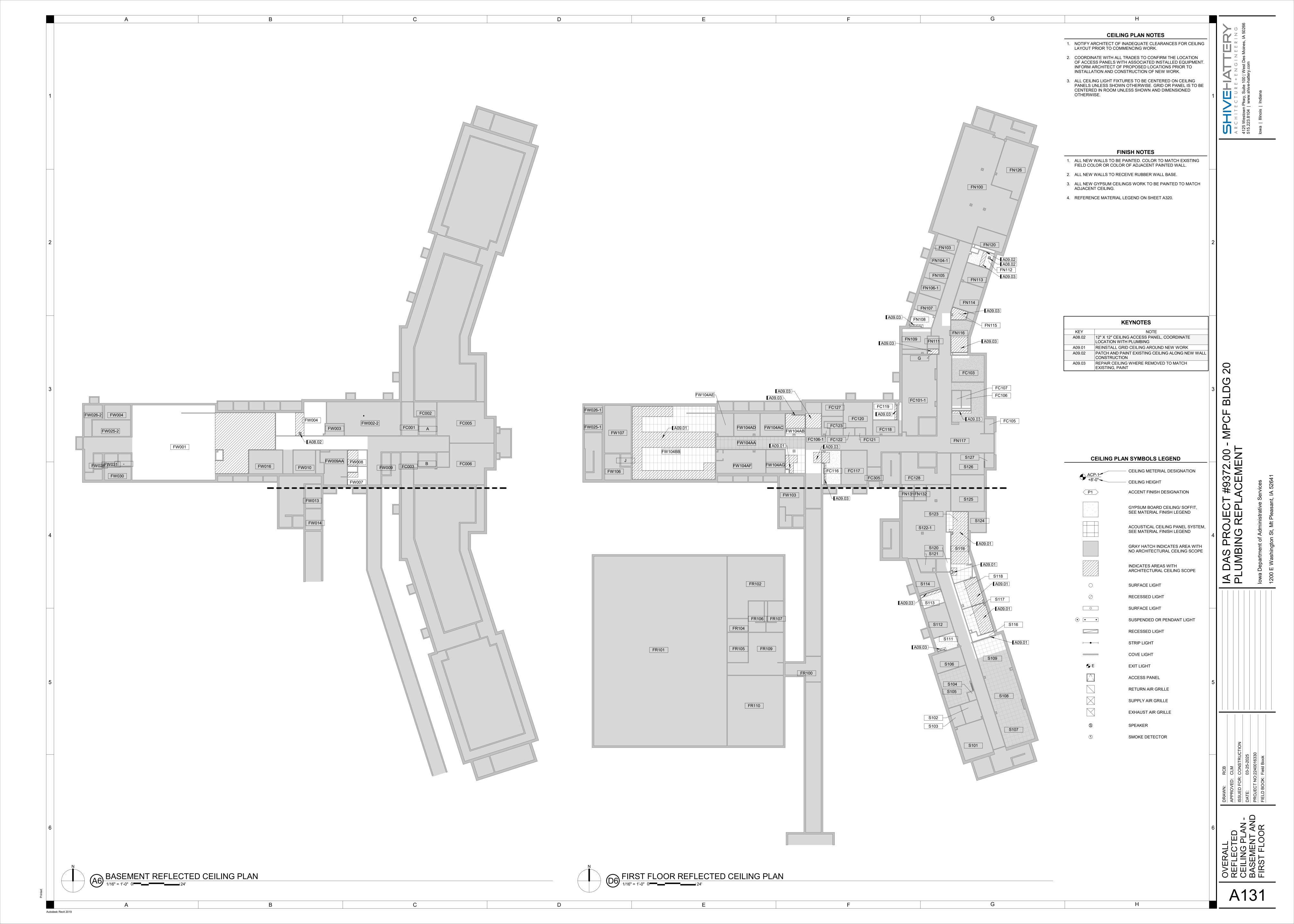


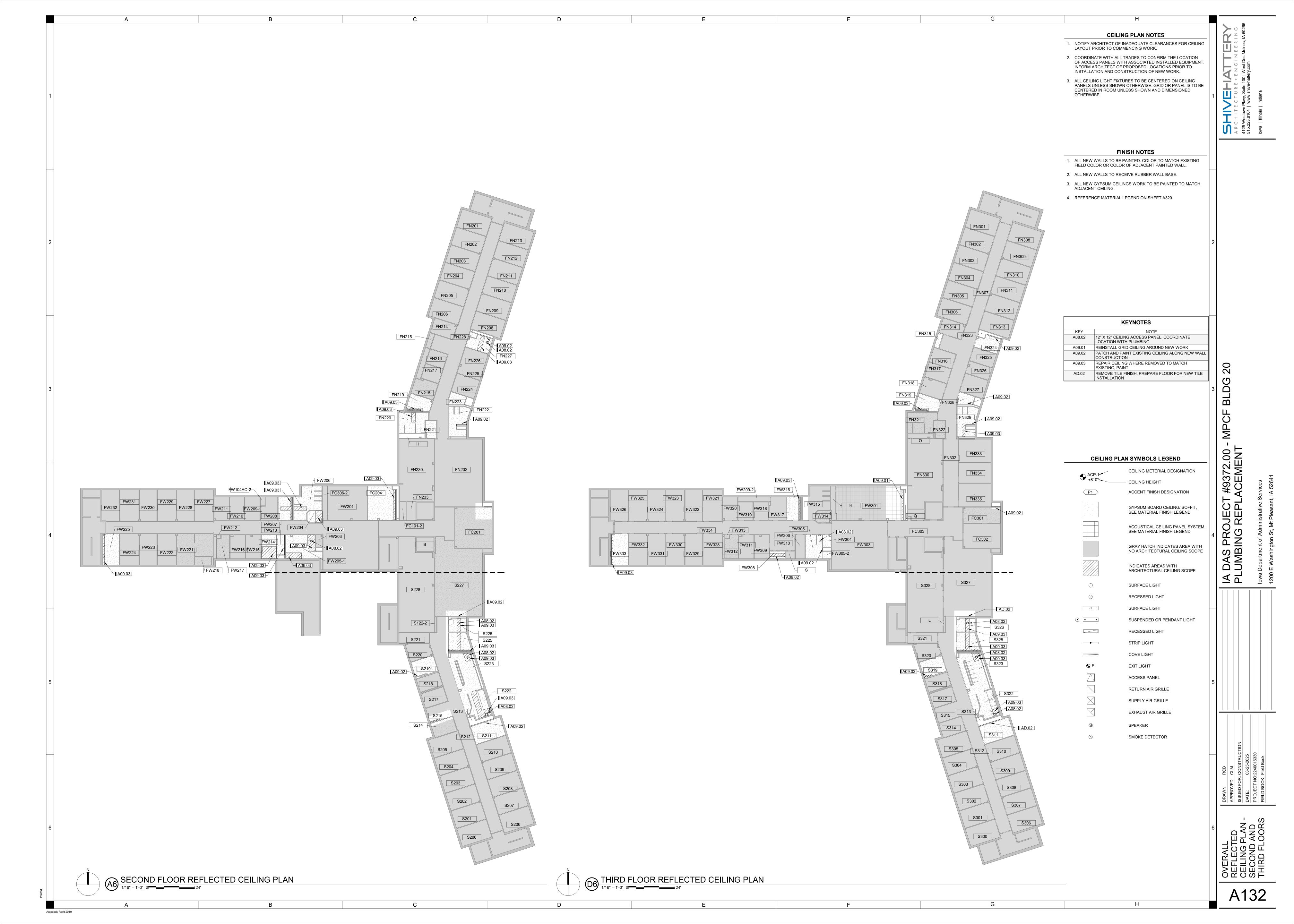


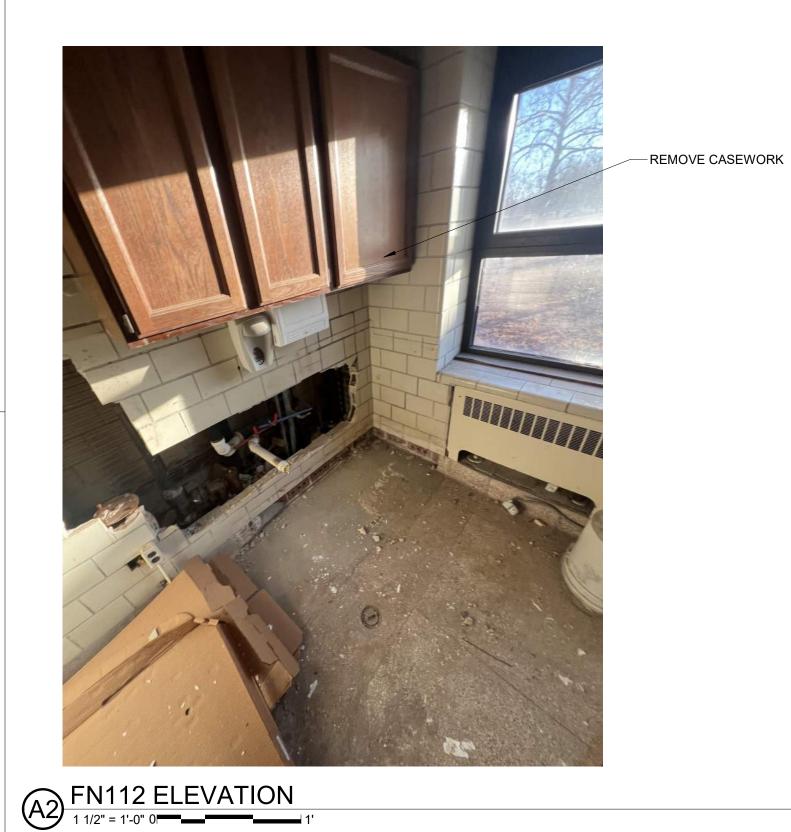












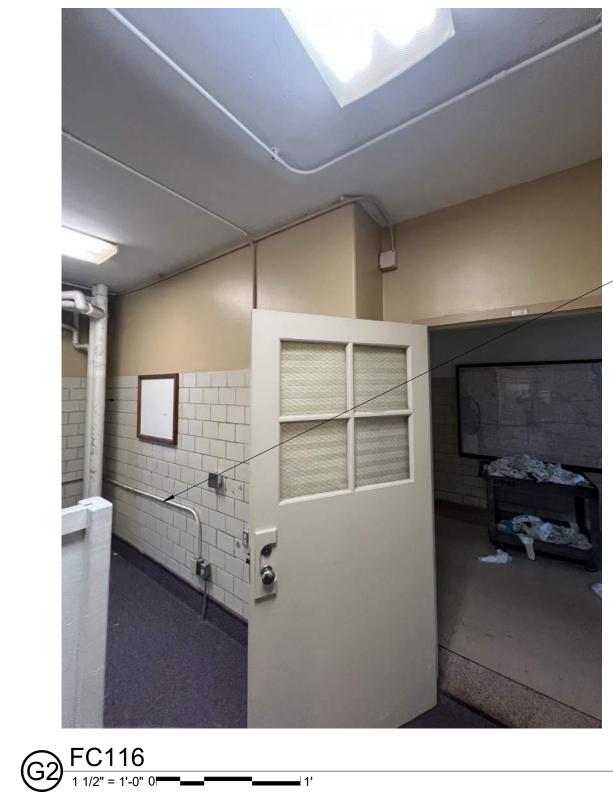
S105 ELEVATION

1 1/2" = 1'-0" 0 1

REMOVE GLAZED BLOCK
PORTION OF WALL AS
INDICATED ON PLANS

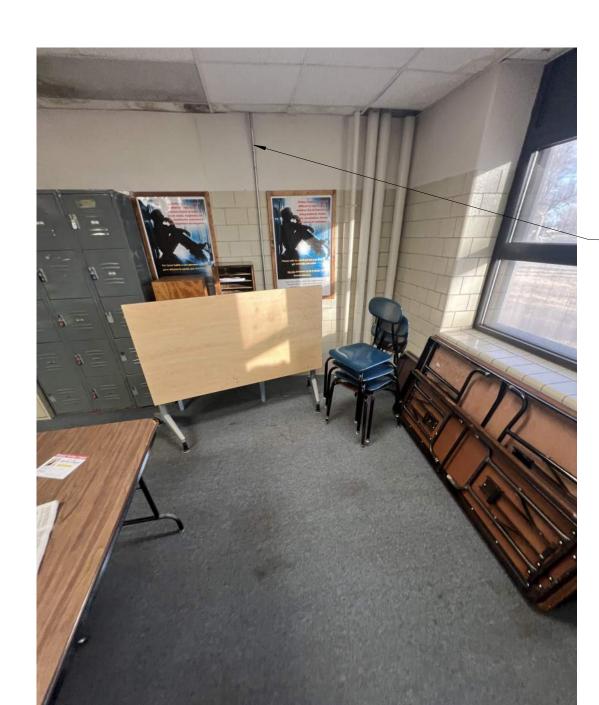
FC103 ELEVATION

1 1/2" = 1'-0" 0 1



REMOVE EXISTING SURFACE
MOUNTED CONDUITS/WIRING,
OUTLETS, JUNCTION BOXES,
ETC. FROM EXISTING WALL
AND INSTALL ON NEW CHASE
WALL.

REMOVE MIRRORS, SOAP
DISPENSERS, AND PAPER
TOWEL DISPENSERS.
SALVAGE FOR
REINSTALLATION



S109 ELEVATION

1 1/2" = 1'-0" 0 1

A6 FN227 ELEVATION
1 1/2" = 1'-0" 0 1

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EXISTING TILE FLOOR TO REMAIN

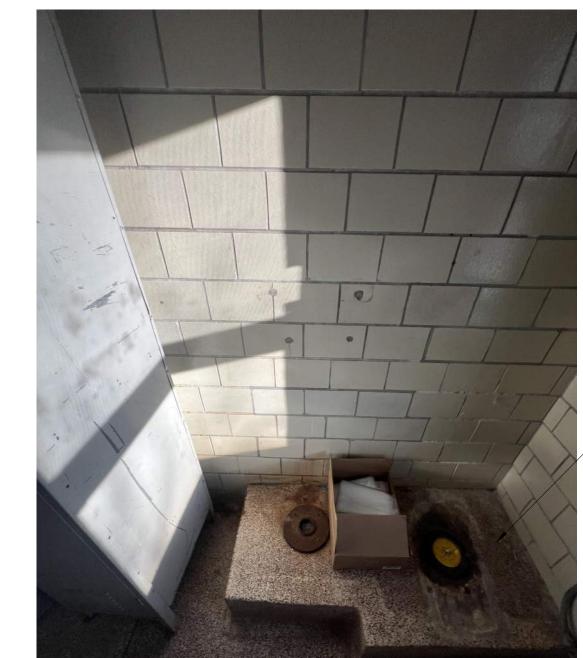
REMOVE CASEWORK, SALVAGE FOR REINSTALLATION



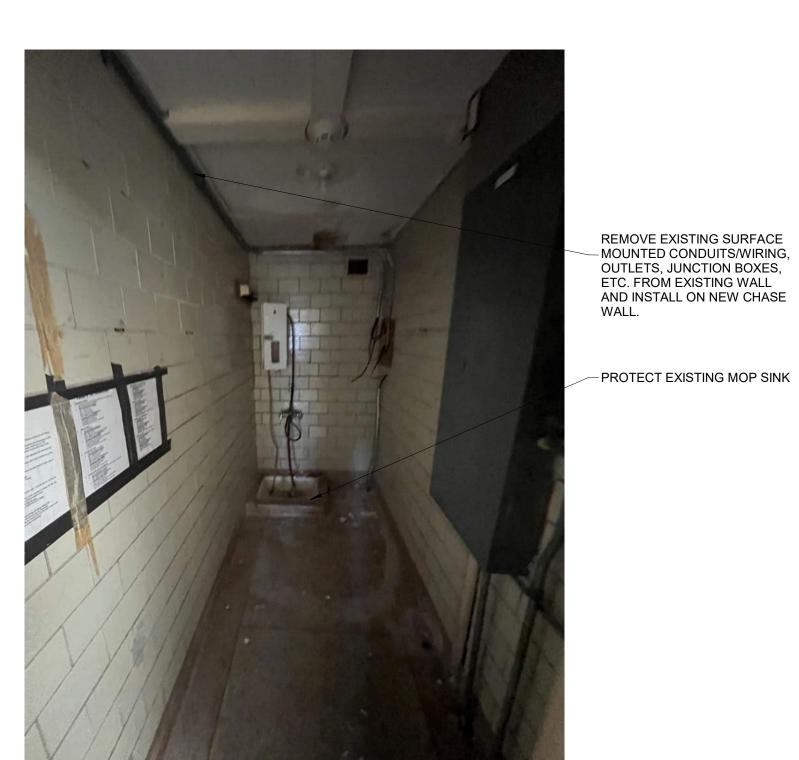
— EXISTING TILE FLOOR TO REMAIN



G4 FN222 ELEVATION
1 1/2" = 1'-0" 0 1'



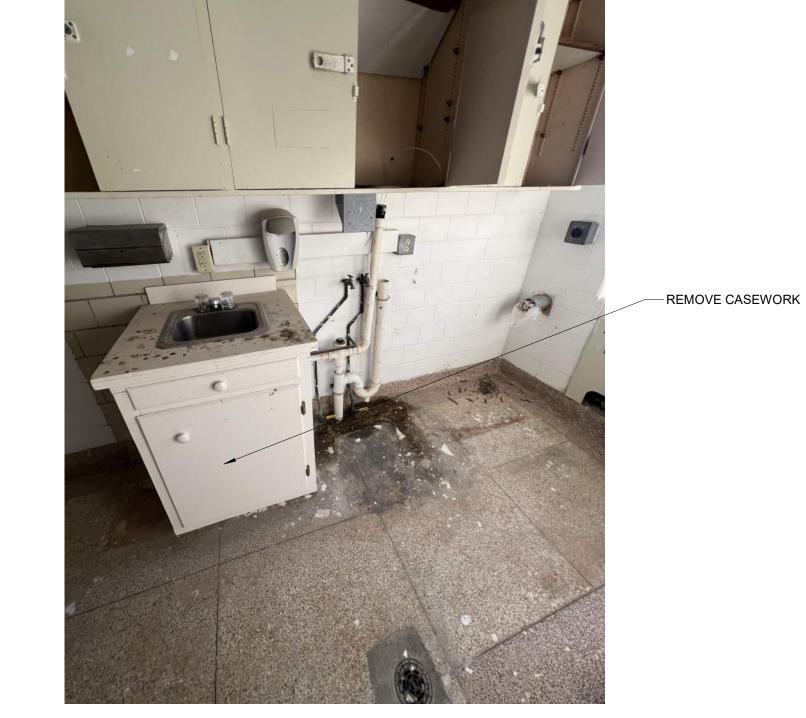
REMOVE RAISED FLOOR



6 FW213 ELEVATION
1 1/2" = 1'-0" 0 1

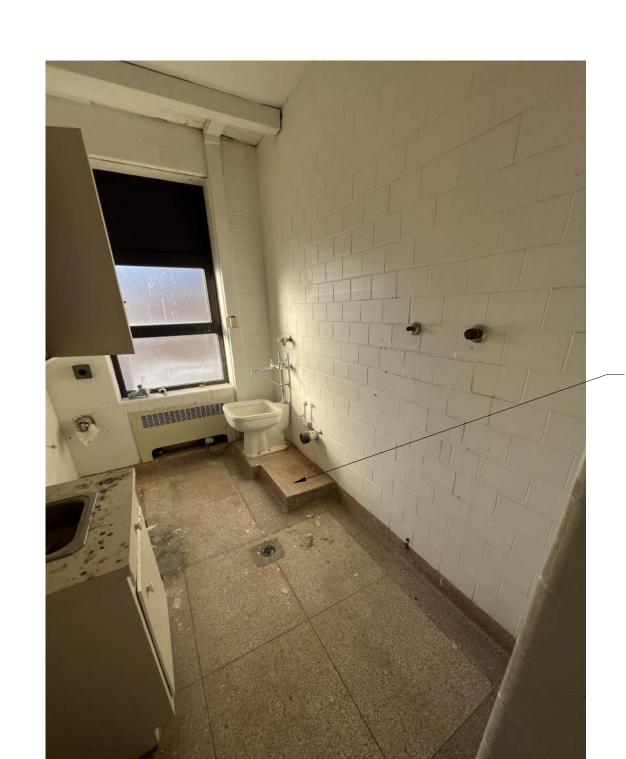
PROTECT EXISTING MOP SINK

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FW217 ELEVATION

1 1/2" = 1'-0" 0 1



G6 FW217 ELEVATION
1 1/2" = 1'-0" 0 1

A210

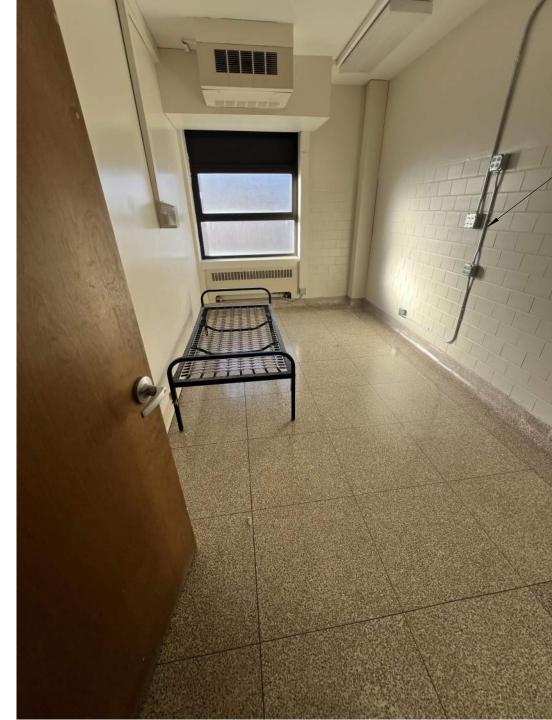
REMOVE EXISTING SURFACE
— MOUNTED CONDUITS/WIRING,
OUTLETS, JUNCTION BOXES,
ETC. FROM EXISTING WALL
AND INSTALL ON NEW CHASE

— REMOVE GLAZED BLOCK PORTION OF WALL AS INDICATED ON PLANS

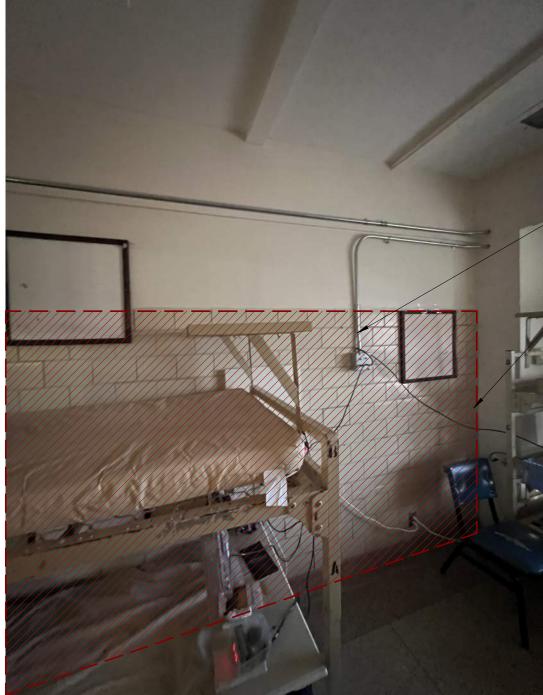
— REMOVE CASEWORK, SALVAGE FOR REINSTALLATION

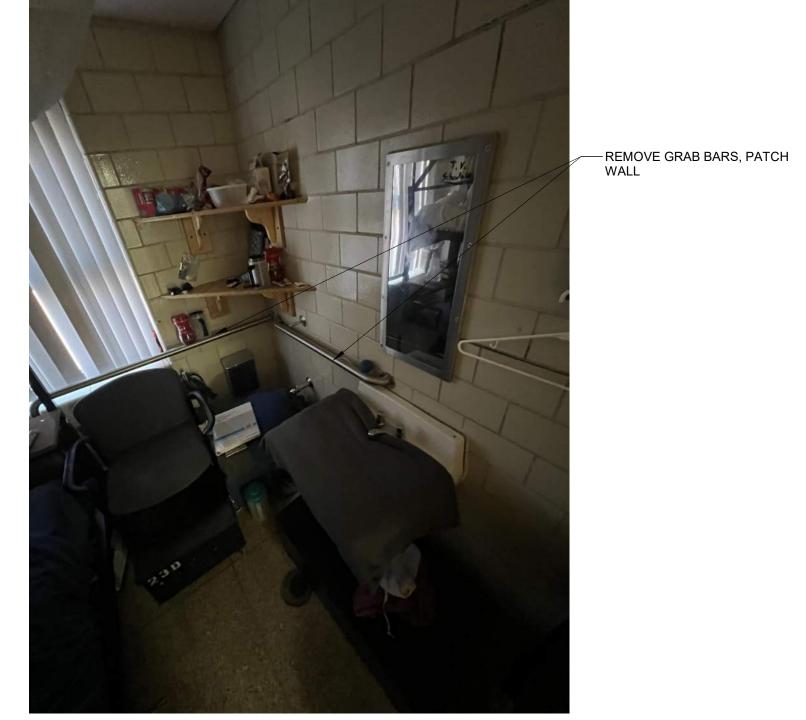
FC201 ELEVATION

1 1/2" = 1'-0" 0 1



REMOVE EXISTING SURFACE
— MOUNTED CONDUITS/WIRING,
OUTLETS, JUNCTION BOXES,
ETC. FROM EXISTING WALL
AND INSTALL ON NEW CHASE





G2 S214 ELEVATION
1 1/2" = 1'-0" 0 1



— EXISTING BULKHEAD TO

REMOVE WALLBOARD, WALL STUDS TO REMAIN



S223 ELEVATION

1 1/2" = 1'-0" 0 1



S225 ELEVATION

1 1/2" = 1'-0" 0 1



G4 S225 ELEVATION
1 1/2" = 1'-0" 0 1



TV TO BE REMOVED BY OWNER REMOVE AND REINSTALL TV MOUNT

REMOVE GLAZED BLOCK PORTION OF WALL AS INDICATED ON PLANS

FW225 ELEVATION

1 1/2" = 1'-0" 0 1

S211 ELEVATION

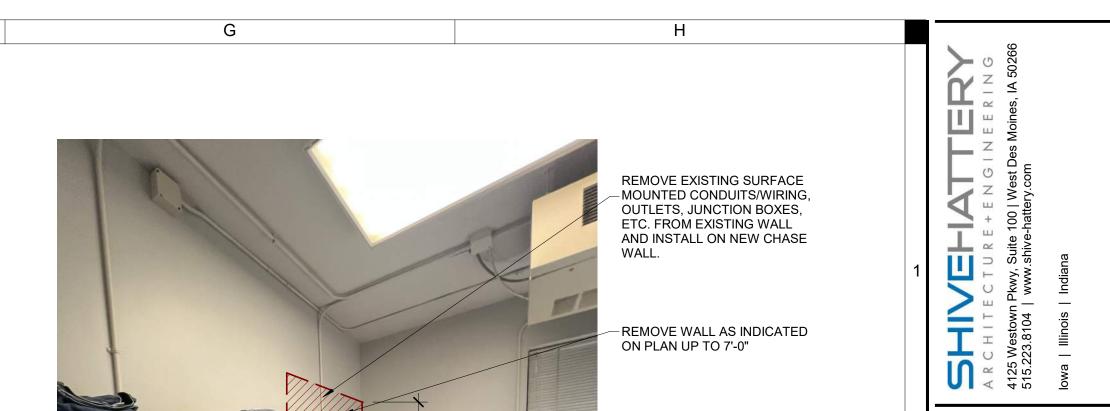
1 1/2" = 1'-0" 0 1

— REMOVE CASEWORK, SALVAGE FOR REINSTALLATION

REMOVE AND REINSTALL ALL PANELS AND ACCESSORIES ALONG SINK WALL

G6 S227 ELEVATION
1 1/2" = 1'-0" 0 1

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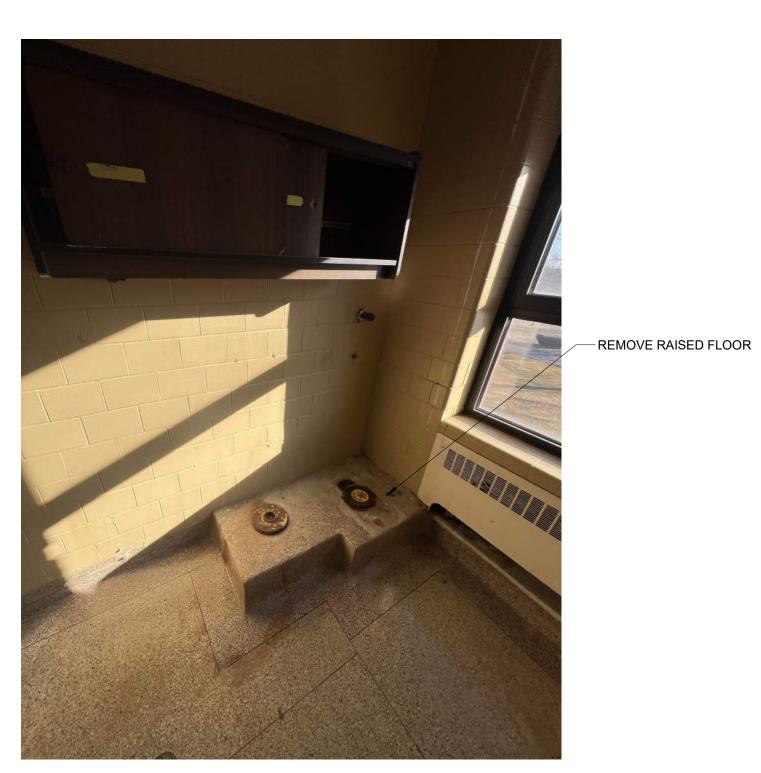
REMOVE CASEWORK, SALVAGE FOR REINSTALLATION

G2 FC301 ELEVATION
1 1/2" = 1'-0" 0 1

REMOVE EXISTING SURFACE
— MOUNTED CONDUITS/WIRING,
OUTLETS, JUNCTION BOXES,
ETC. FROM EXISTING WALL
AND INSTALL ON NEW CHASE

REMOVE MIRRORS, SOAP
DISPENSERS, AND PAPER
TOWEL DISPENSERS.

SALVAGE FOR REINSTALLATION



FN324 ELEVATION

1 1/2" = 1'-0" 0 1

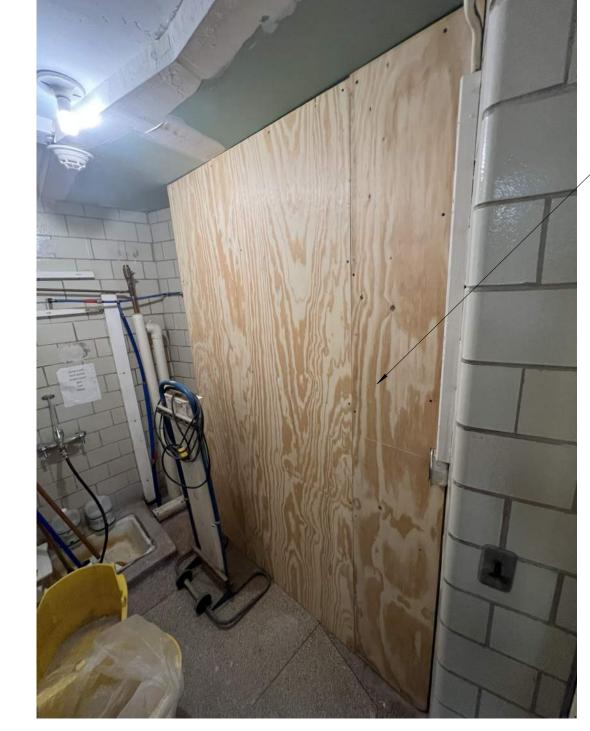
FW314 ELEVATION

1 1/2" = 1'-0" 0 1'

A6 S319 ELEVATION

1 1/2" = 1'-0" 0 1

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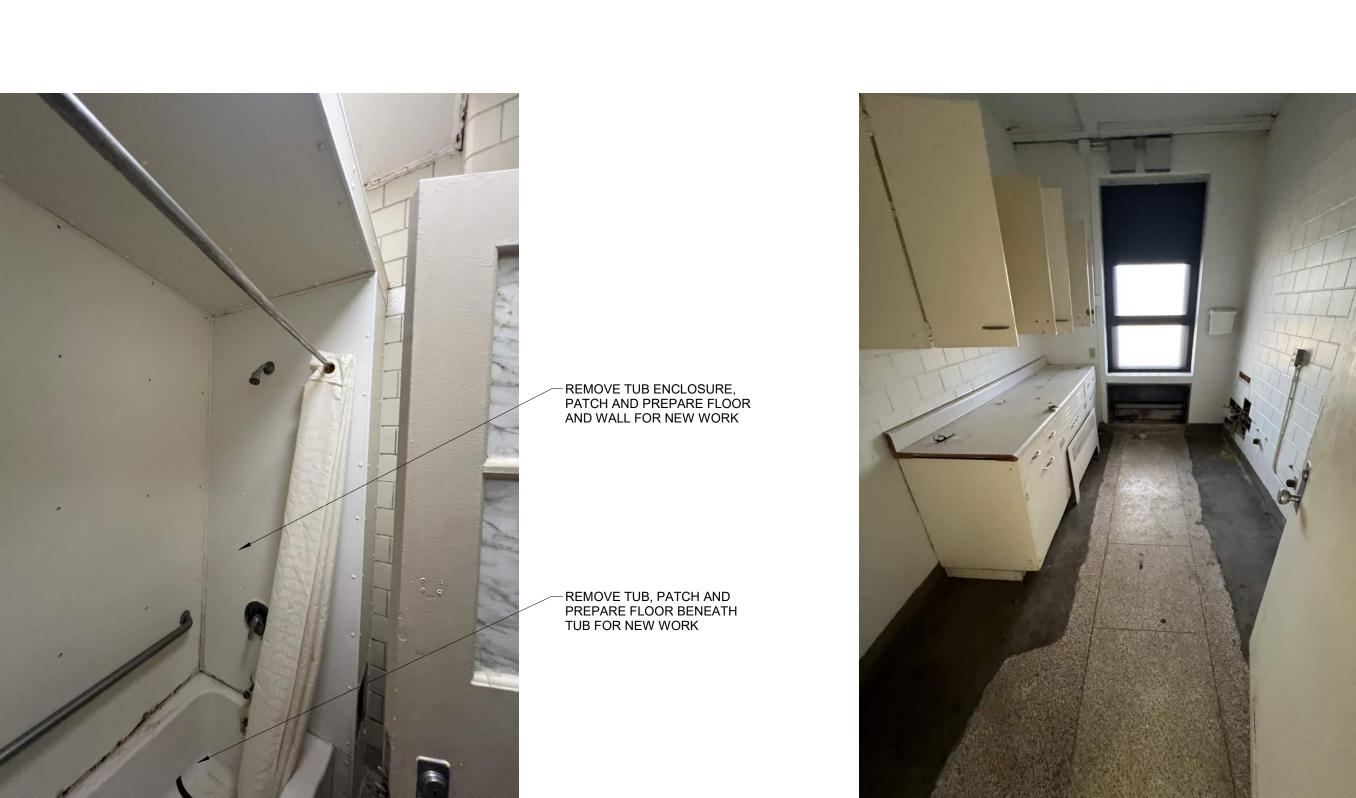


FN328 ELEVATION

1 1/2" = 1'-0" 0 1'

FW314 ELEVATION

1 1/2" = 1'-0" 0 1'



REMOVE PLYWOOD PANELS,

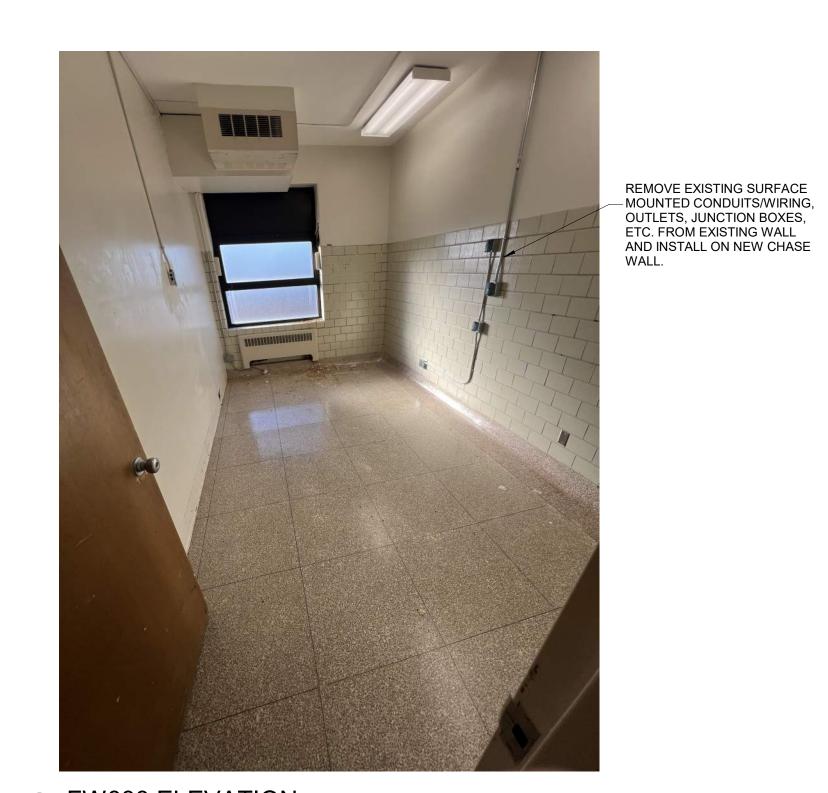
SALVAGE FOR REINSTALLATION

FW316 ELEVATION

1 1/2" = 1'-0" 0 1

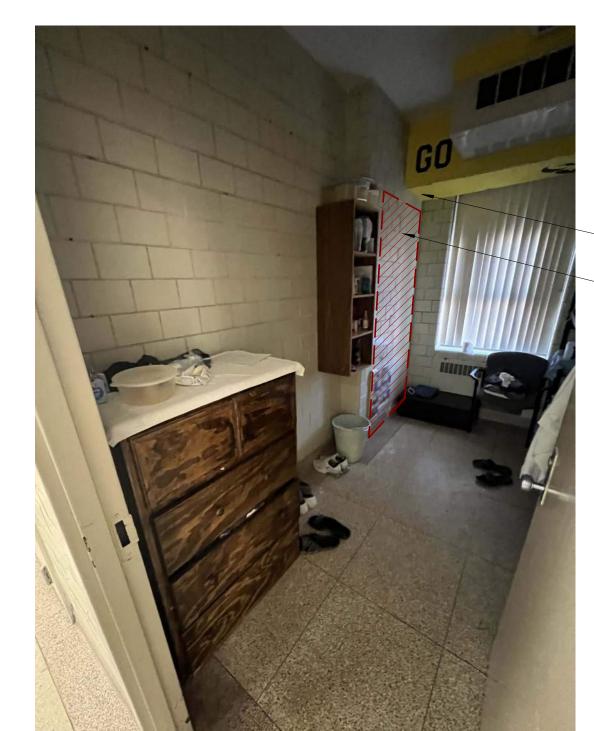
FN329 ELEVATION

1 1/2" = 1'-0" 0 1'



FW333 ELEVATION

1 1/2" = 1'-0" 0 1'



REMOVE WALLBOARD ON STUD WALL, REMOVED GLAZED BLOCK WALL AS INDICATED ON PLAN TO HEIGHT OF STUD WALL

EXISTING BULKHEAD TO

REMOVE TUB ENCLOSURE,
PATCH AND PREPARE FLOOR
AND WALL FOR NEW WORK

REMOVE TUB, PATCH AND PREPARE FLOOR BENEATH TUB FOR NEW WORK



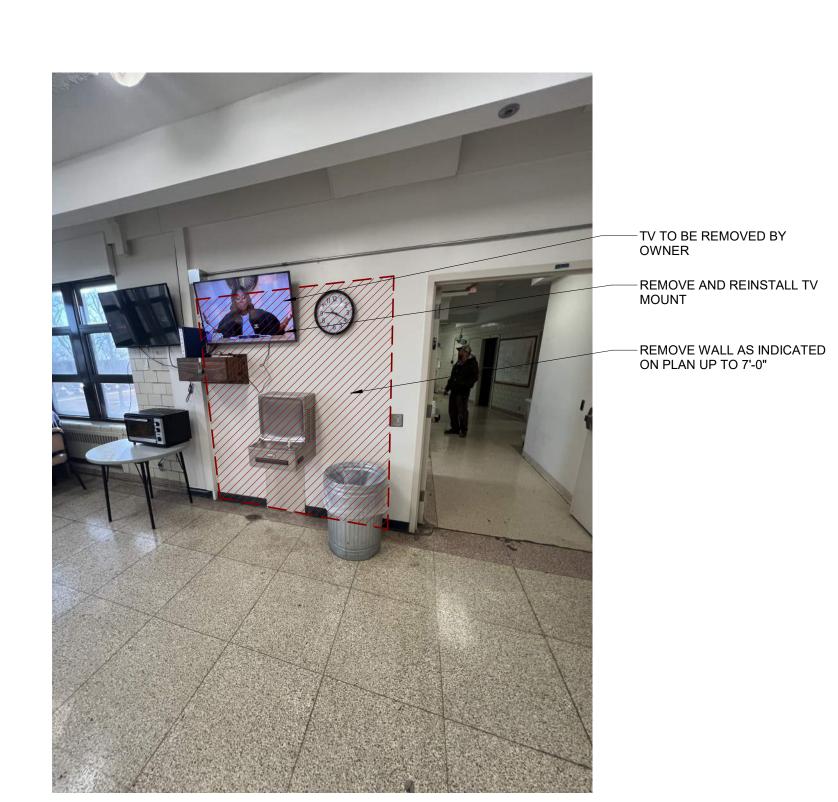
S325 ELEVATION

1 1/2" = 1'-0" 0 1'



S325 ELEVATION

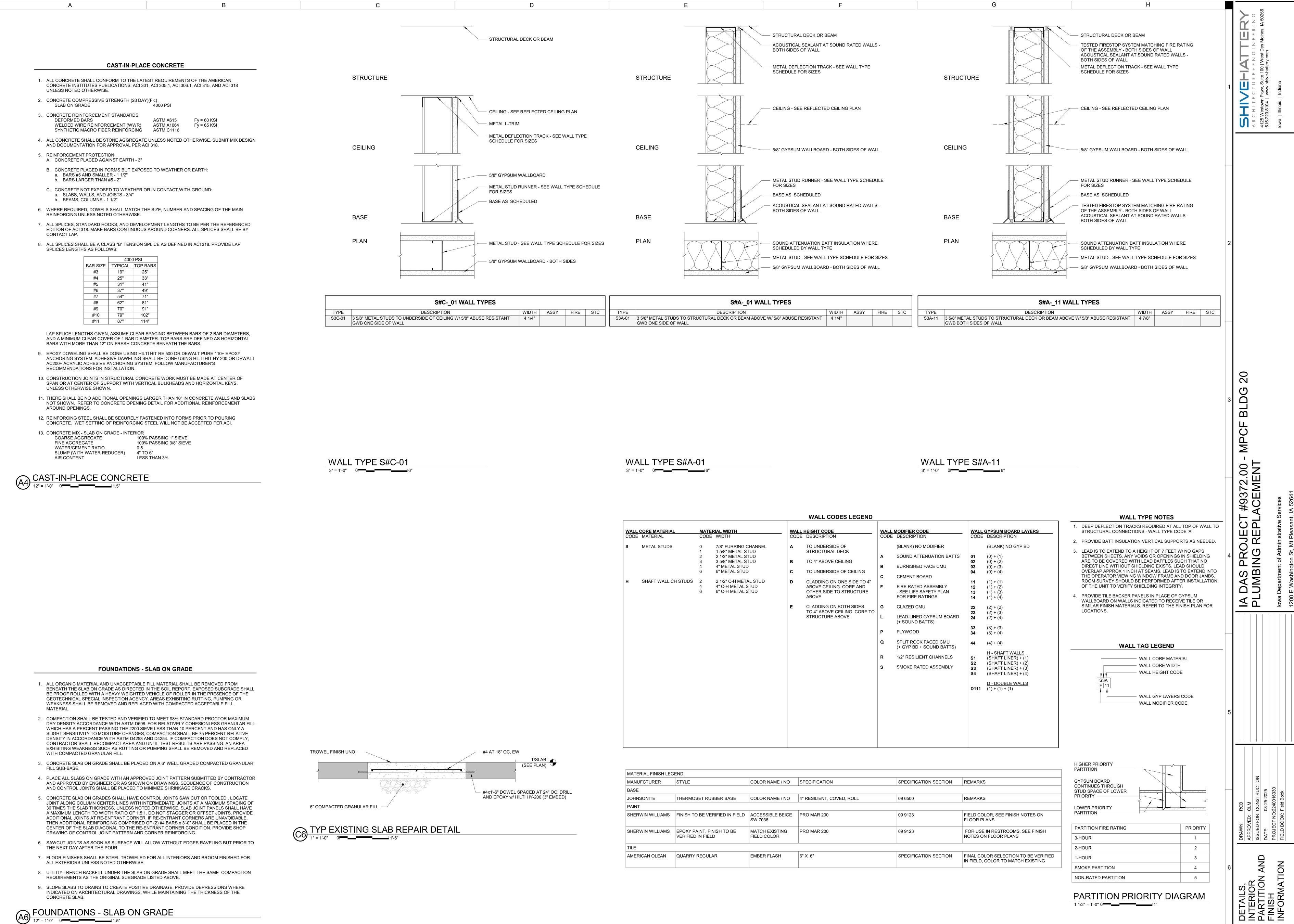
1 1/2" = 1'-0" 0 1'



6G S327 ELEVATION
1 1/2" = 1'-0" 0 1

D

REMOVE CASEWORK, SALVAGE FOR REINSTALLATION



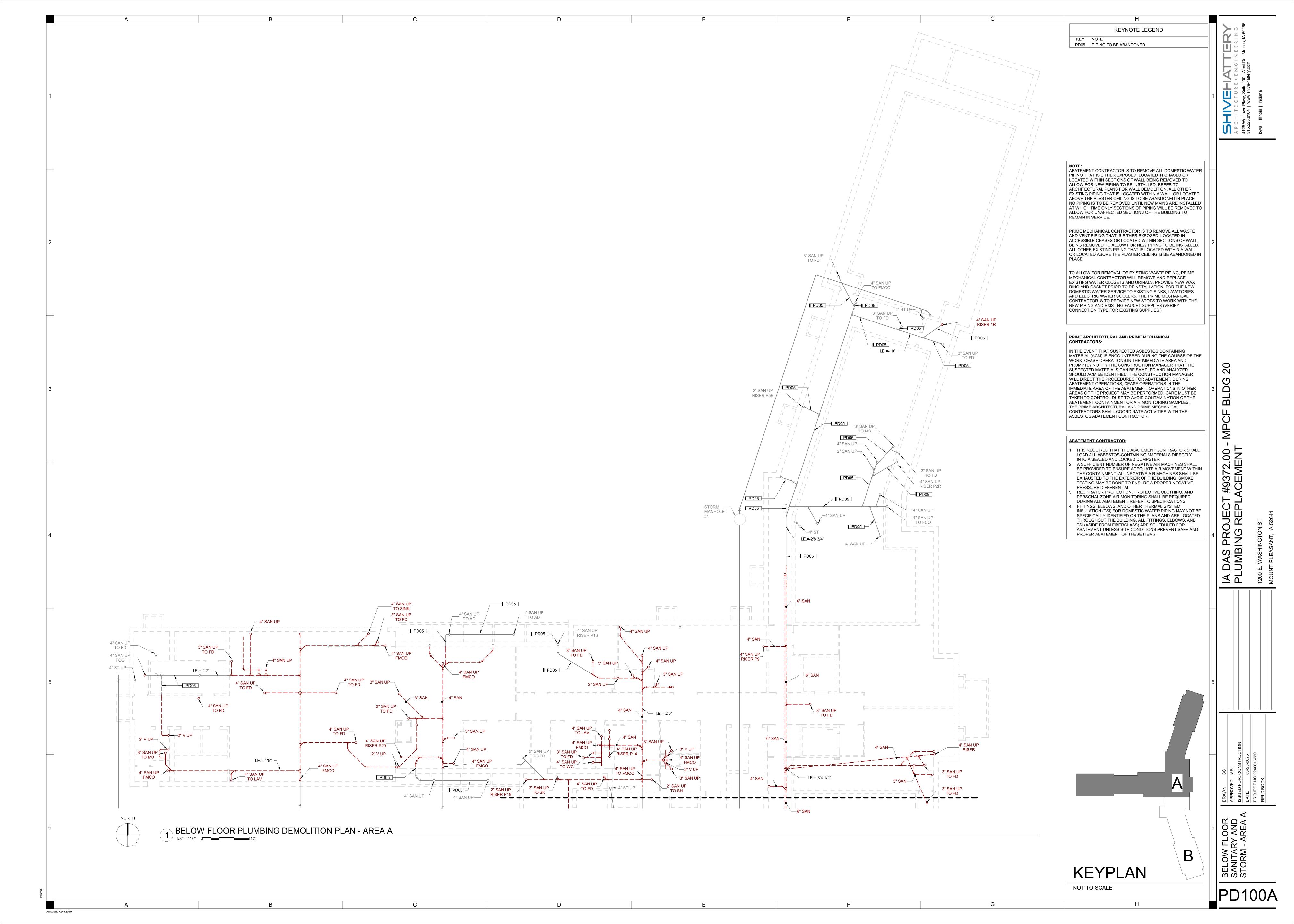
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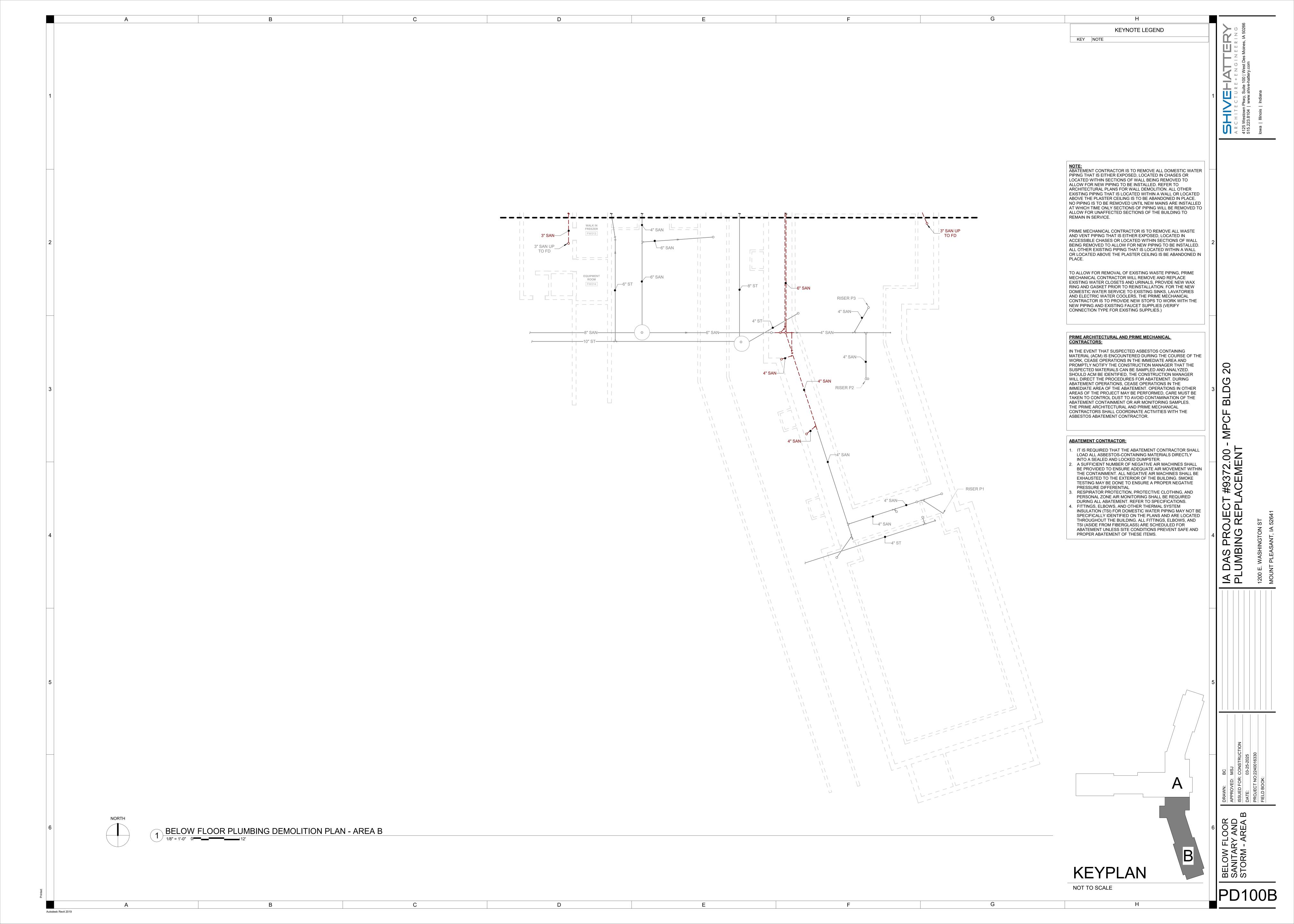
PLUMBING SYMBOLS LIST GENERAL PLUMBING ABBREVIATIONS SYMBOLS — – ——2" CW—— – — PIPE SIZE AND SYSTEM TAG (DIAMETER) FLOOR CLEANOUT RETURN AIR **ROOF DRAIN** FAN COIL UNIT NUMBER or POUND FLOOR DRAIN OR FIRE DAMPER RECIRC RECIRCULATE(ING) PIPE SLOPE TAG FIRE DEPARTMENT CONNECTION REFR REQD REFRIGERATION DUCT FLAT ON BOTTOM REQUIRED DUCT FLAT ON TOP RETURN AIR GRILLE PIPE INVERT ELEVATION TAG ARCHITECT/ENGINEER FEMALE PIPE THREAD RELATIVE HUMIDITY I.E. 99' - 11 7/8" RHC AIR CONDITIONER(ING) FLOOR SINK OR FLOW SWITCH REHEAT COIL AIR CHANGES PER HOUR FOOD SERVICE EQUIPMENT CONTRACTOR REVOLUTIONS PER MINUTE EXISTING TO REMAIN AIR COOLED CONDENSING UNIT REDUCED PRESSURE ZONE FIRE/SMOKE DAMPER RTU FINNED TUBE RADIATION **ROOFTOP UNIT** AIR CONDITIONING UNIT TO BE DEMOLISHED AREA DRAIN OR ACCESS DOOR FOOT HEAD OR PRESSURE DROP ADJUSTABLE/ADJACENT FEEDWATER ABOVE FINISHED FLOOR FIRE WATER PUMP AIR HANDLING UNIT SUPPLY AIR — – ——CW—— – — DOMESTIC COLD WATER SCHEDULE ALTERNATE SCH AMBIENT SCHM SCHEMATIC ——— – – —HW– – – — DOMESTIC HOT WATER ACCESS PANEL SMOKE DAMPER GAUGE APPROX APPROXIMATE(LY) SEER SEASONAL ENERGY EFFICIENCY RATIO HW 140° DOMESTIC HOT WATER 140° GAL GALV GC GPD ACID-RESISTANT GALLON SUPPLY FAN OR SQUARE FEET ADJUSTABLE SPEED DRIVE GALVANIZED —— - - - - HWC- - - - — DOMESTIC HOT WATER-CIRCULATING GENERAL CONTRACTOR AIR SEPARATOR SUMP PUMP OR STATIC PRESSURE ASSY ASSEMBLY GALLONS PER DAY ---- GV---- GREASE VENT ATM SPEC SPECIFICATION(S) ATMOSPHERE GALLONS PER HOUR AUX AUXILIARY **GALLONS PER MINUTE** SQ IN SQUARE INCH GREASE WASTE AIR VENT OR ACID VENT GRAVITY VENTILATOR OR GREASE VENT STAINLESS STEEL STBY STANDBY **AVERAGE** GAS FIRED WATER HEATER ACID WASTE STD STANDARD STL STEEL —————·V-———— SANITARY VENT SUCT SUCTION HUMIDISTAT SV SYS SAFETY VALVE -----ST------STORM DRAINAGE BAS BUILDING AUTOMATION SYSTEM HOT AND COLD WATER H&CW SYSTEM BCU **BLOWER COIL UNIT** SRV SAFETY RELIEF VALVE HOSE BIBB OST——OST——STORM DRAINAGE-OVERFLOW BDD BACKDRAFT DAMPER MERCURY BELOW FINISHED FLOOR HORIZONTAL HORIZ BOILER FEED BOOSTER PUMP HORSEPOWER HIGH PRESSURE STEAM RETURN THERMOSTAT BACKFLOW PREVENTER HPS BRAKE HORSEPOWER HIGH PRESSURE STEAM SUPPLY TAB TERMINAL AIR BOX BLDG TCC TEMPERATURE CONTROL CONTRACTOR BUILDING HTG HEATING BUILDING MANAGEMENT SYSTEM BMS HEATER TRENCH DRAIN DOMESTIC WATER METER TEFC TEMP THRU TOD TOP BOD **BOTTOM OF DUCT** HEATING, VENTILATION, AIR CONDITIONING TOTALLY ENCLOSED FAN COOLED BOTTOM OF PIPE HEAT EXCHANGER TEMPERATURE OR TEMPORARY BALANCING VALVE BTU BRITISH THERMAL UNIT HERTZ (FREQUENCY) THROUGH BTUH BRITISH THERMAL UNITS PER HOUR TOP OF DUCT **≻** BALL VALVE TOP OF PIPE CHECK VALVE TOTAL PRESSURE INSIDE DIAMETER TYPICAL THREE WAY VALVE COMPRESSOR (AIR) INVERT ELEVATION CALIBRATE ICE MAKER MOTORIZED CONTROL VALVE CAPACITY INCHES CAV CONSTANT AIR VOLUME INCHES (WATER COLUMN) UNDERWRITERS LABORATORIES IN WC THREE WAY MOTORIZED CONTROL VALVE CCR CCW CONCENTRIC REDUCER INSULATION UNLESS NOTED OTHERWISE COUNTER CLOCKWISE INSTRUMENT PRESSURE REDUCING VALVE CFM **CUBIC FEET PER MINUTE** UTIL UTILITY IRON PIPE CFH CUBIC FEET PER HOUR IRON PIPE SIZE UNIT VENTILATOR SOLENOID VALVE INTEGRATED PART LOAD VALUE CHILLER CHILLED WATER PUMP ISOMETRIC BUTTERFLY VALVE CHWS CHWR CHSP CIP CHILLED WATER SUPPLY CHILLED WATER RETURN VAV VBX CHILLED WATER SECONDARY PUMP VARIABLE AIR VOLUME CAST IRON PUMP JANITOR'S SINK VALVE BOX **VOLUME DAMPER** CIRCULATING CAST IRON SOIL PIPE VEL VERT VELOCITY CENTER LINE VERTICAL KELVIN VARIABLE FREQUENCY DRIVE CEILING VFD CLEAR(ANCE) KILOWATT VENT THRU ROOF CLOCKWISE KWH KILOWATT HOUR CLEANOUT OR CARBON MONOXIDE CO2 COND CARBON DIOXIDE CONDENSATE WITH CONSTR LAT WITHOUT CONSTRUCTION LEAVING AIR TEMPERATURE W/O CONT WET BULB OR WASHER BOX CONTINUATION LAV LAVATORY WB CONTR CONTRACTOR LB(S) POUND(S) WC WATER CLOSET CONVECTOR LEAVING DRY BULB (TEMP) WATER HEATER OR WALL HYDRANT CONV LDB COORD LWB WHA COORDINATE LEAVING WET BULB (TEMP) WATER HAMMER ARRESTOR CONDENSATE PUMP OR CIRC PUMP CP LWT LEAVING WATER TEMPERÁTURE WPD WATER PRESSURE DROP CSS CLINICAL SERVICE SINK WT WEIGHT WTR WATER **COOLING TOWER** MAINTENANCE CTRL CONTROL MAU MAKE-UP AIR UNIT CU CU FT COPPER **CUBIC FEET** MAX MAXIMUM CU IN CUBIC INCH BRITISH THERMAL UNIT (1000/HR) MBH CUH CWP CABINET UNIT HEATER MC MECHANICAL CONTRACTOR CONDENSER WATER PUMP MOTOR CONTROL CENTER MINIMUM CIRCUIT AMPS MECH MECHANICAL MFR MANUFACTURER °/DEG MIN MINIMUM OR MINUTE DEGREES CELSIUS MISC MISCELLANEOUS MOTOR OPERATED DAMPER DEGREES FAHRENHEIT MOD MOTOR OPERATED VALVE MOV DRY BULB DDC DIRECT DIGITAL CONTROLS MPT MALE PIPE THREAD DEMO DEMOLITION MOP SINK DRINKING FOUNTAIN DIA DIAG DIFF DIAMETER DIAGRAM DIFFUSER NOT APPLICABLE DIP DUCTILE IRON PIPE NORMALLY CLOSED OR NOISE CRITERIA DMPR NOT IN CONTRACT DAMPER NORMALLY OPEN DOWN DRAIN NOMINAL DRAIN VALVE NPLV NON STANDARD PART LOAD VALUE DISHWASHER NATIONAL PIPE THREAD DWG DWV NTS DRAWING NOT TO SCALE DRAIN WASTE & VENT OA OUTDOOR AIR EXHAUST AIR OR EACH OAD OUTDOOR AIR DAMPER EAT **ENTERING AIR TEMPERATURE OUTER DIAMETER** OWNER FURNISHED CONTRACTOR INSTALLED **ECCR** ECCENTRIC REDUCER OFCI OWNER FURNISHED OWNER INSTALLED **ECON** OFOI **ECONOMIZER** ECU **EVAPORATIVE COOLING UNIT** ORD OST OVERFLOW ROOF DRAIN EDB ENTERING DRY BULB (TEMP) OVERFLOW STORM EER ENERGY EFFICIENCY RATIO EEW **EMERGENCY EYE WASH** EXHAUST FAN / ENERGY FACTOR PG PRESSURE GAUGE OR PROPYLENE GLYCOL **EXHAUST GRILLE** EXHAUST HOOD ELEV **ELEVATION** PLBG PLUMBING ELEC ELECTRICAL PRESSURE RELIEF VALVE OR PRESSURE REGULATING VALVE PRV EQ EQUIP POUNDS PER SQUARE INCH ABSOLUTE EQUIPMENT POUNDS PER SQUARE INCH GAUGE **EQUIV EQUIVALENT** PROPELLER UNIT HEATER EXHAUST REGISTER ER EMERGENCY SHOWER / EYE WASH EXTERNAL STATIC PRESSURE EXPANSION TANK EWB ENTERING WET BULB EWC EWH EWT ELECTRIC WATER COOLER ELECTRIC WATER HEATER ENTERING WATER TEMPERATURE **EXISTING** 

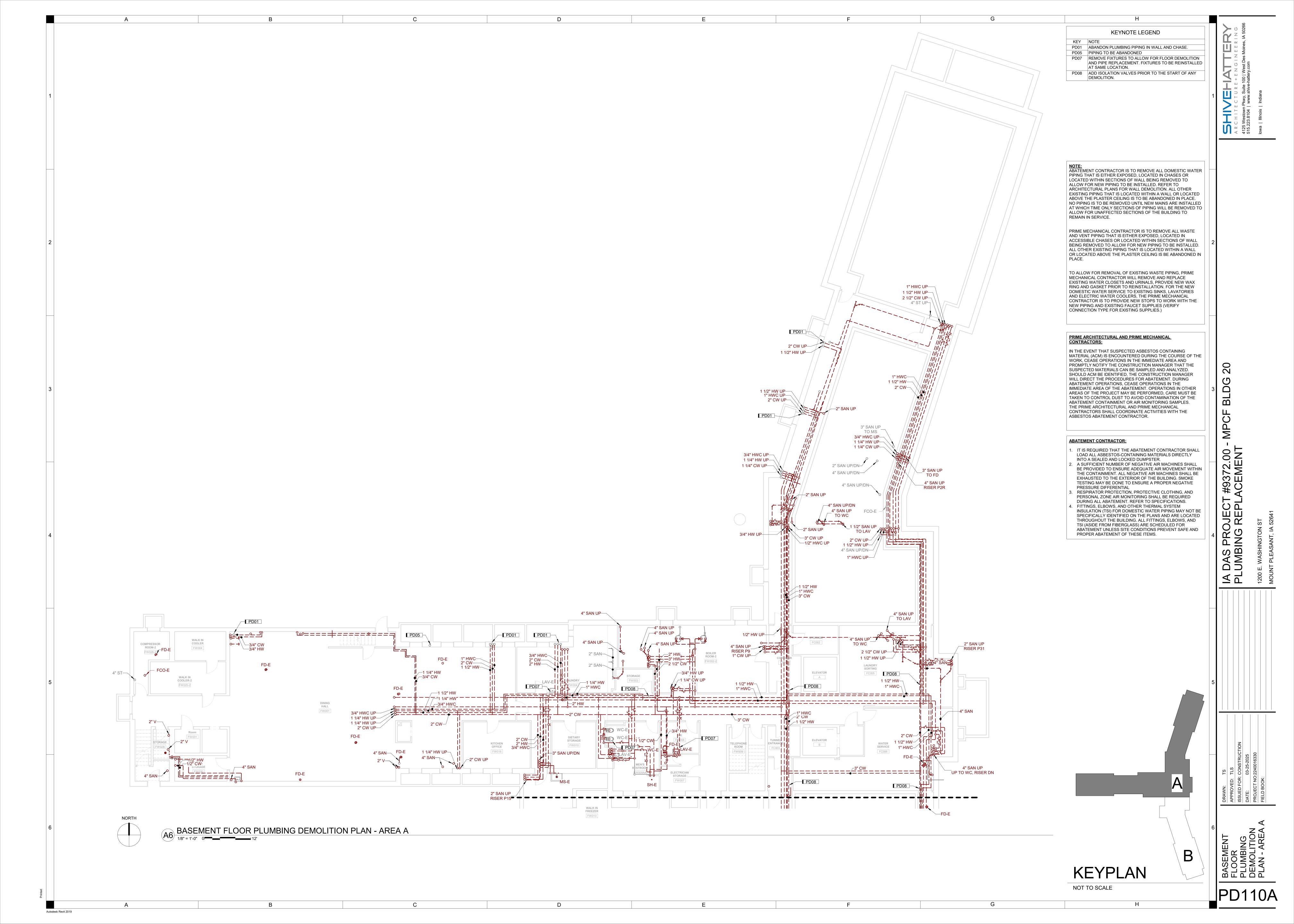
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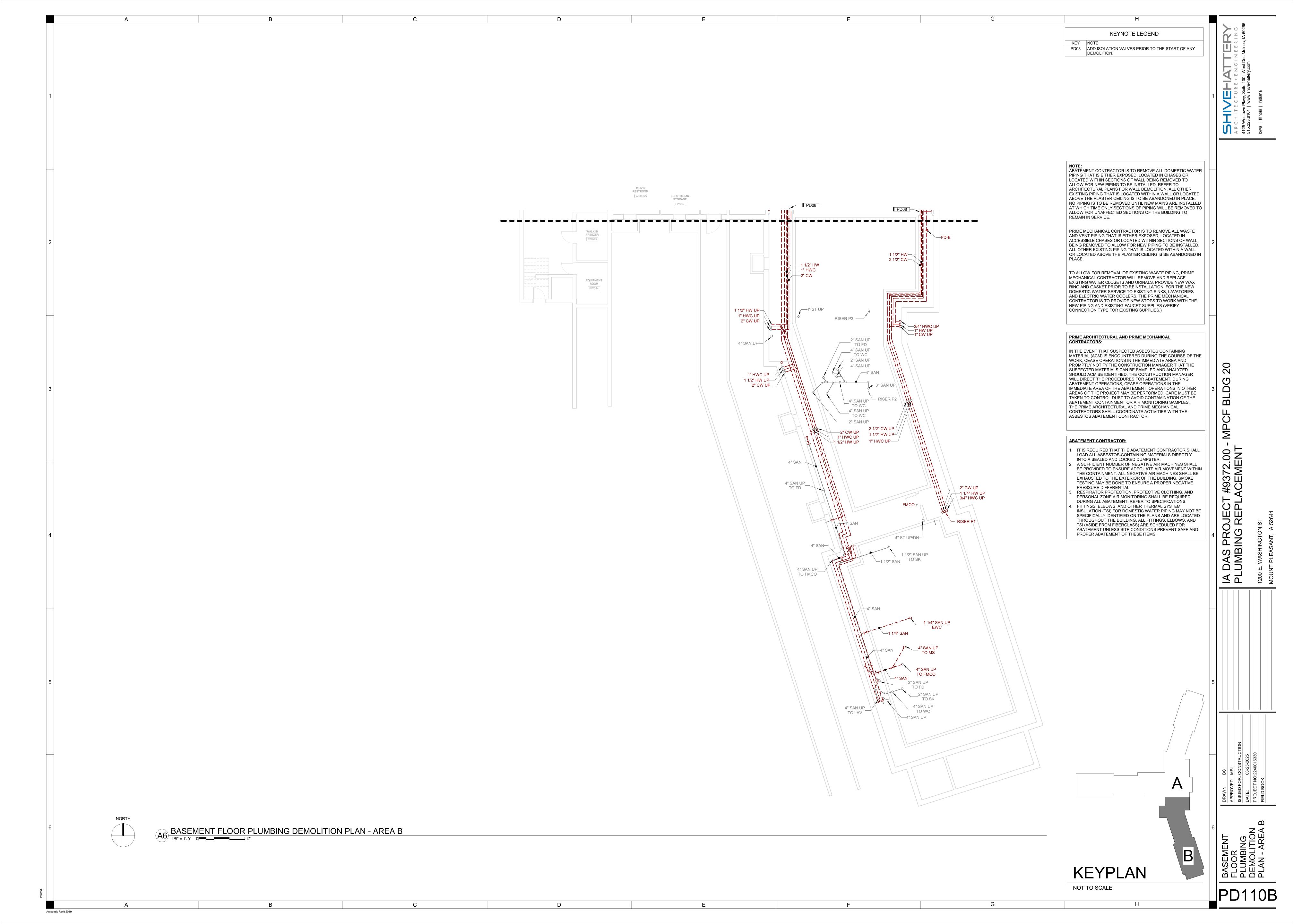
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POOO



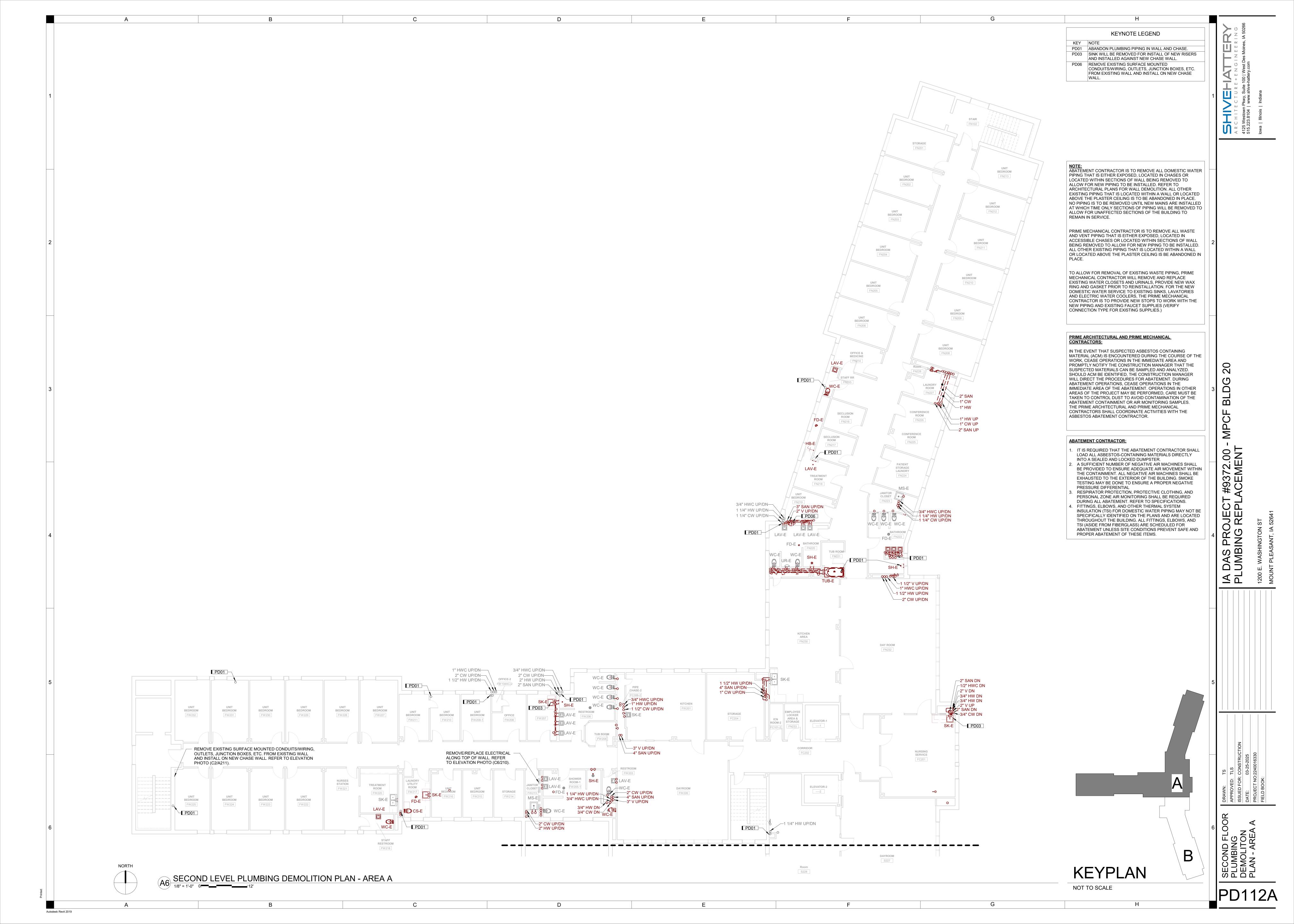






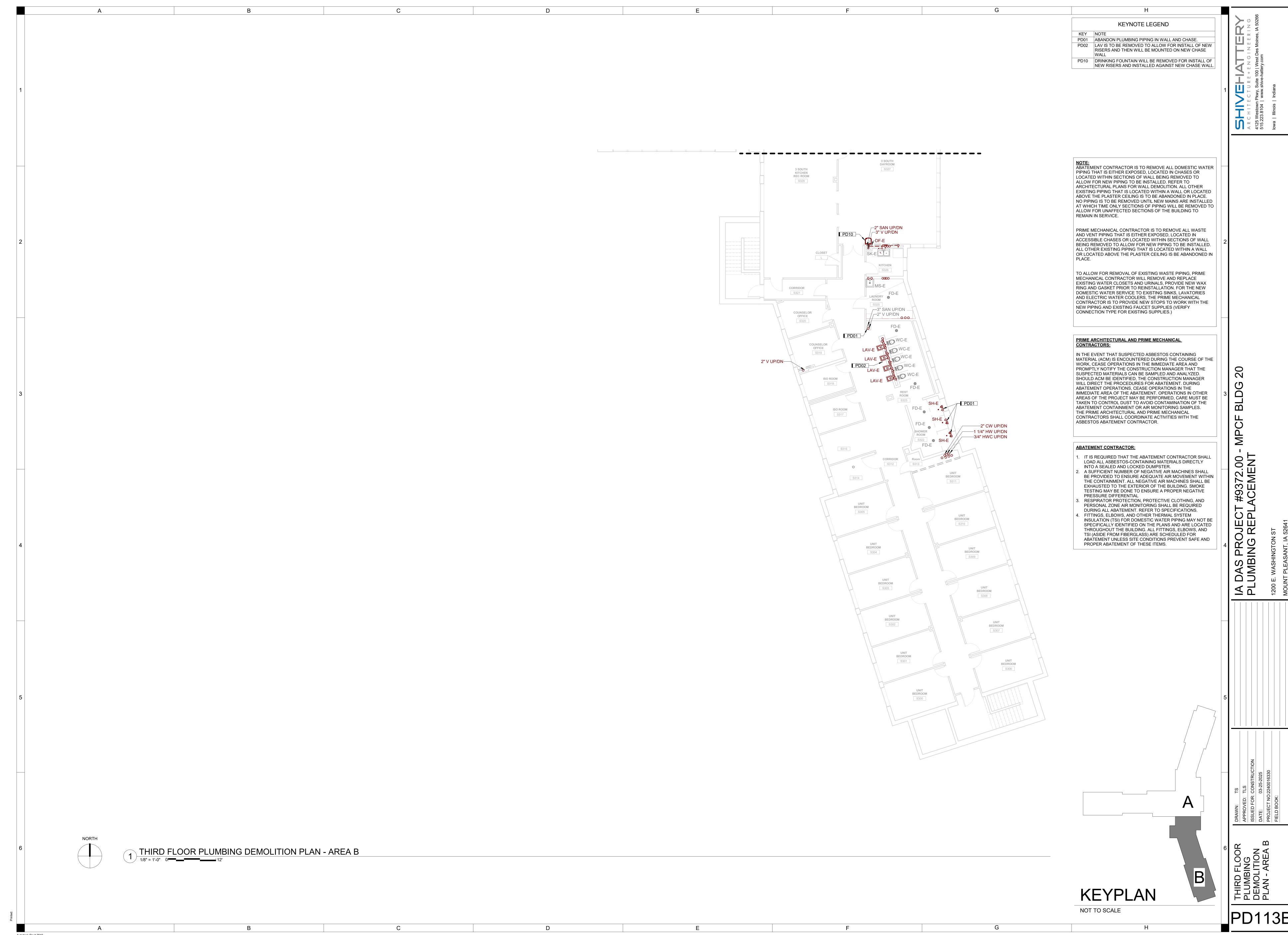


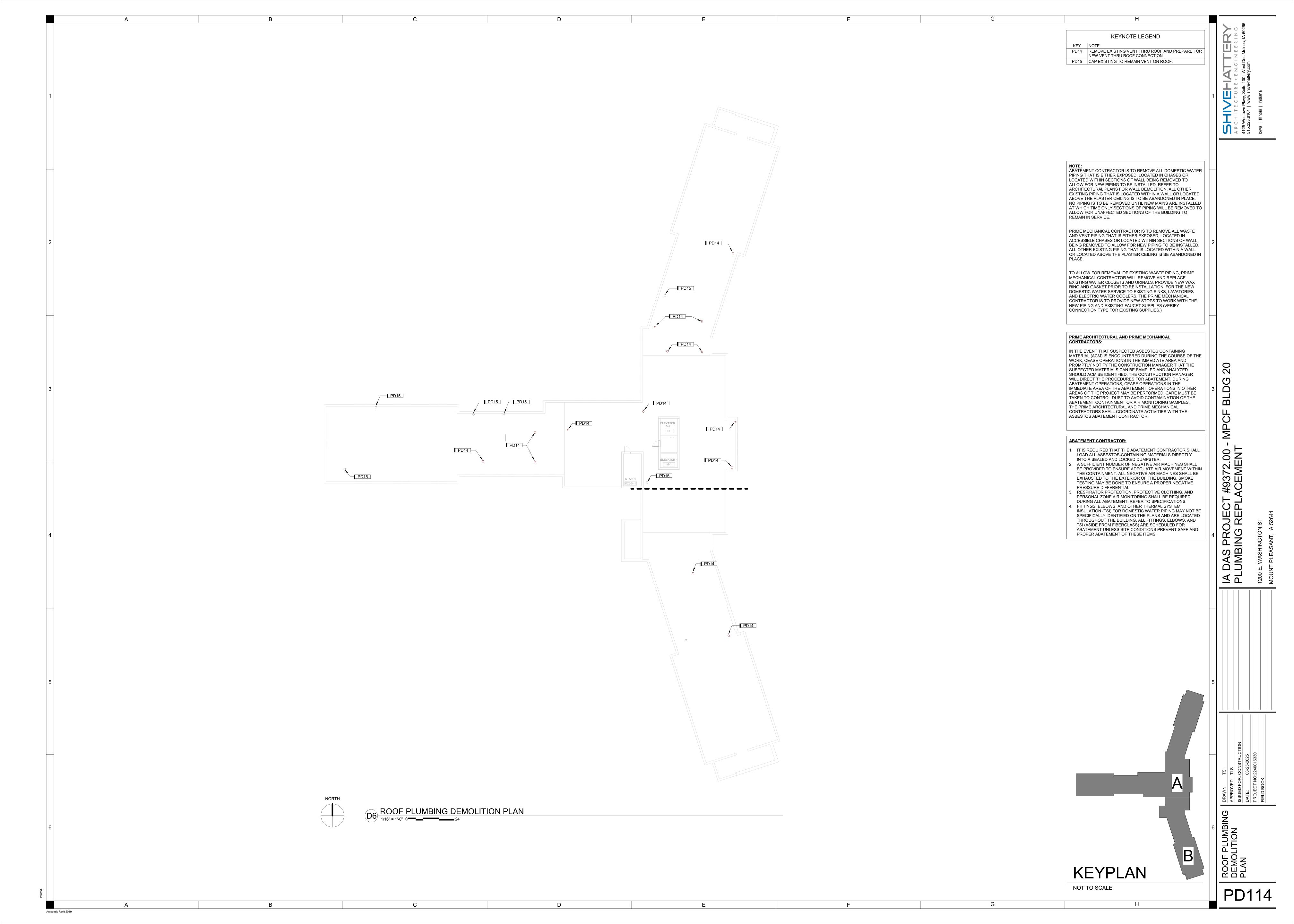


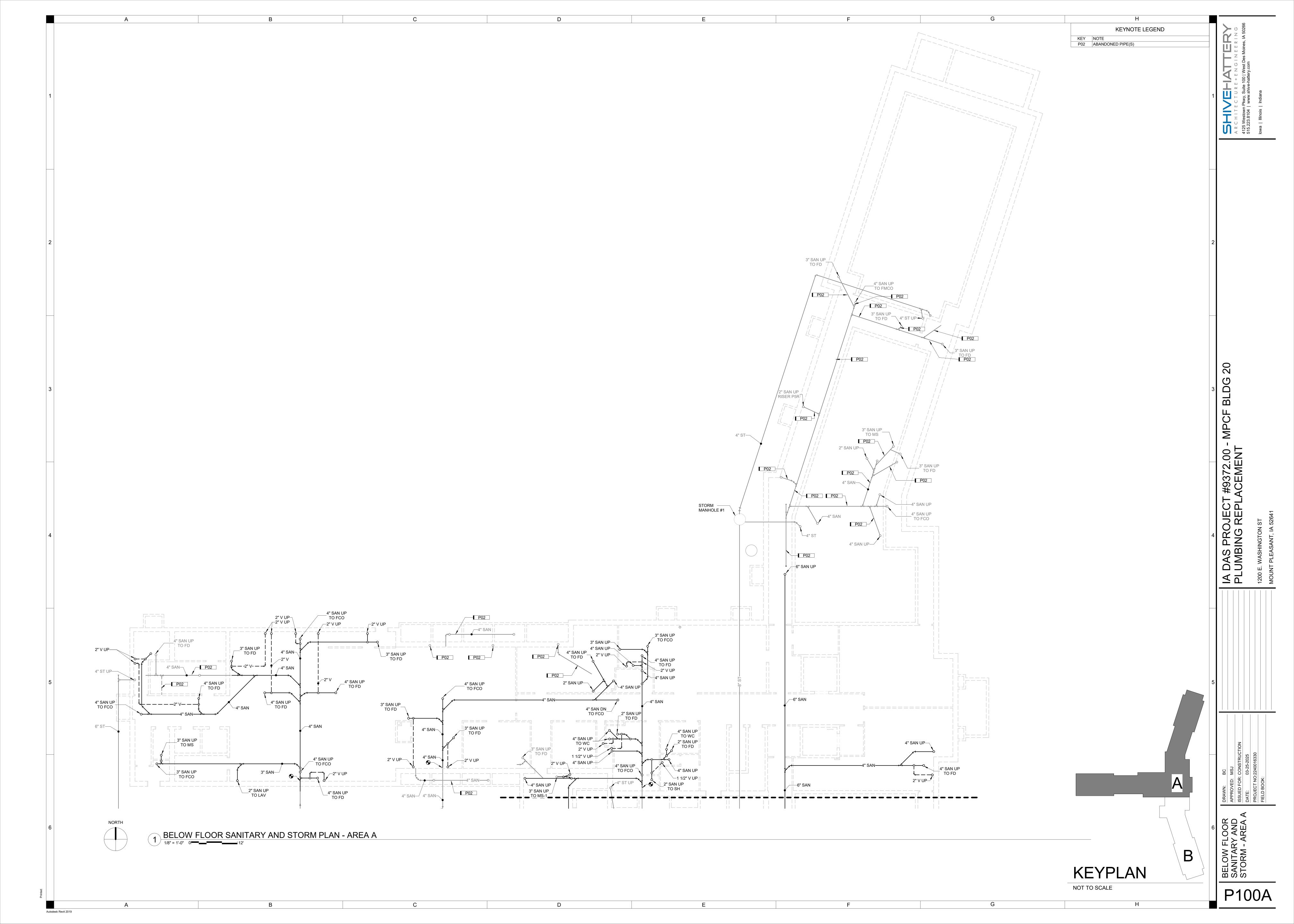


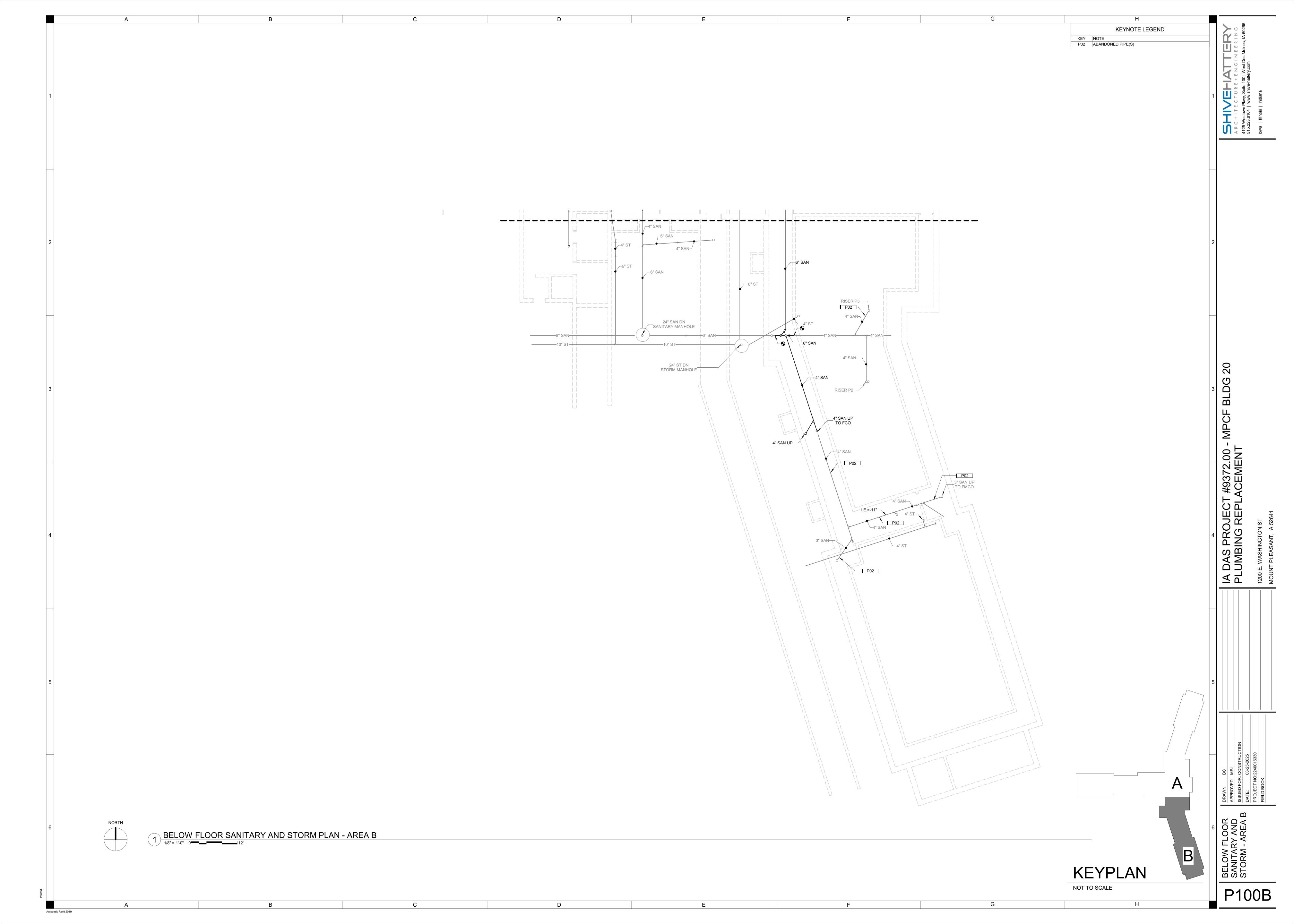




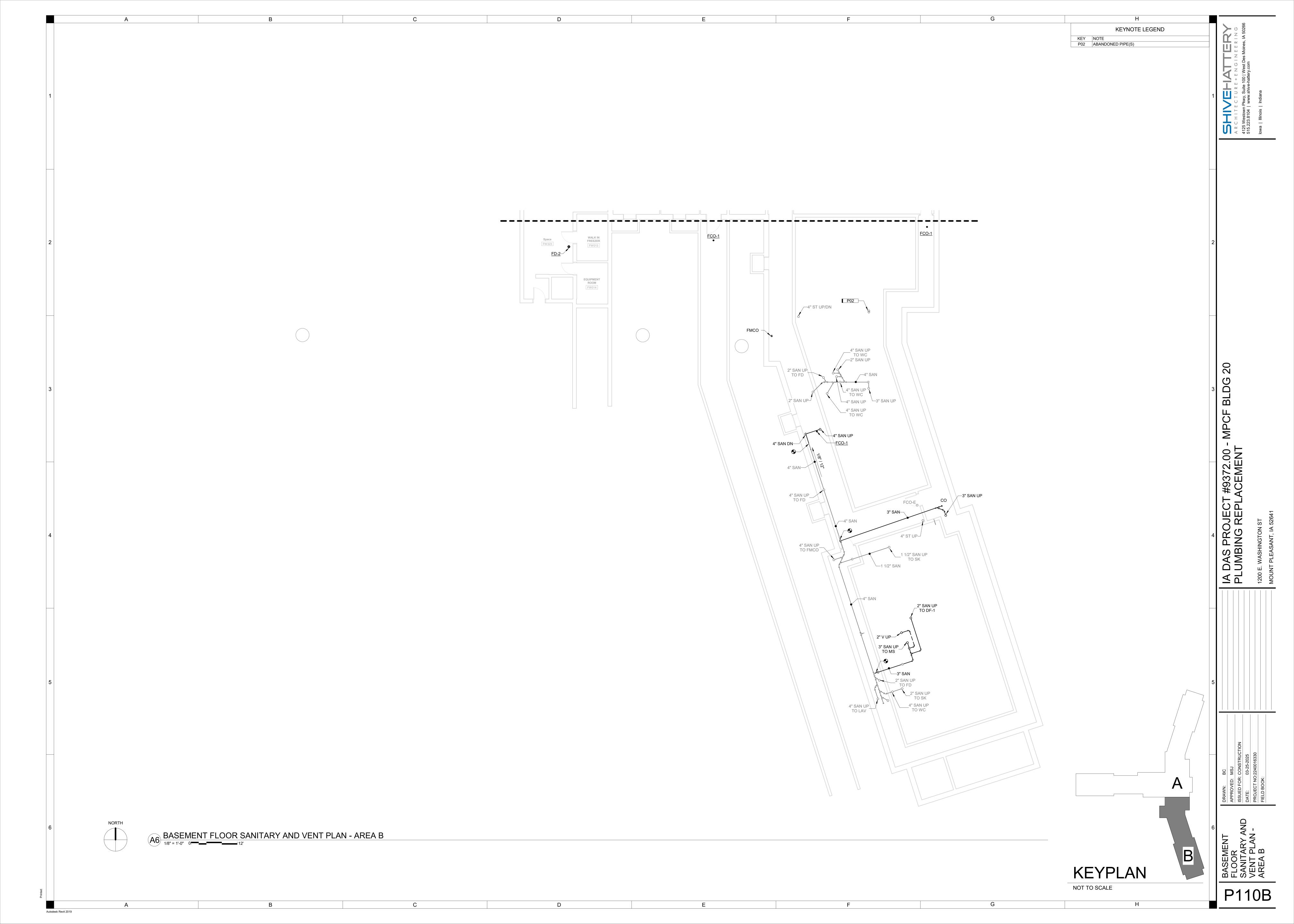








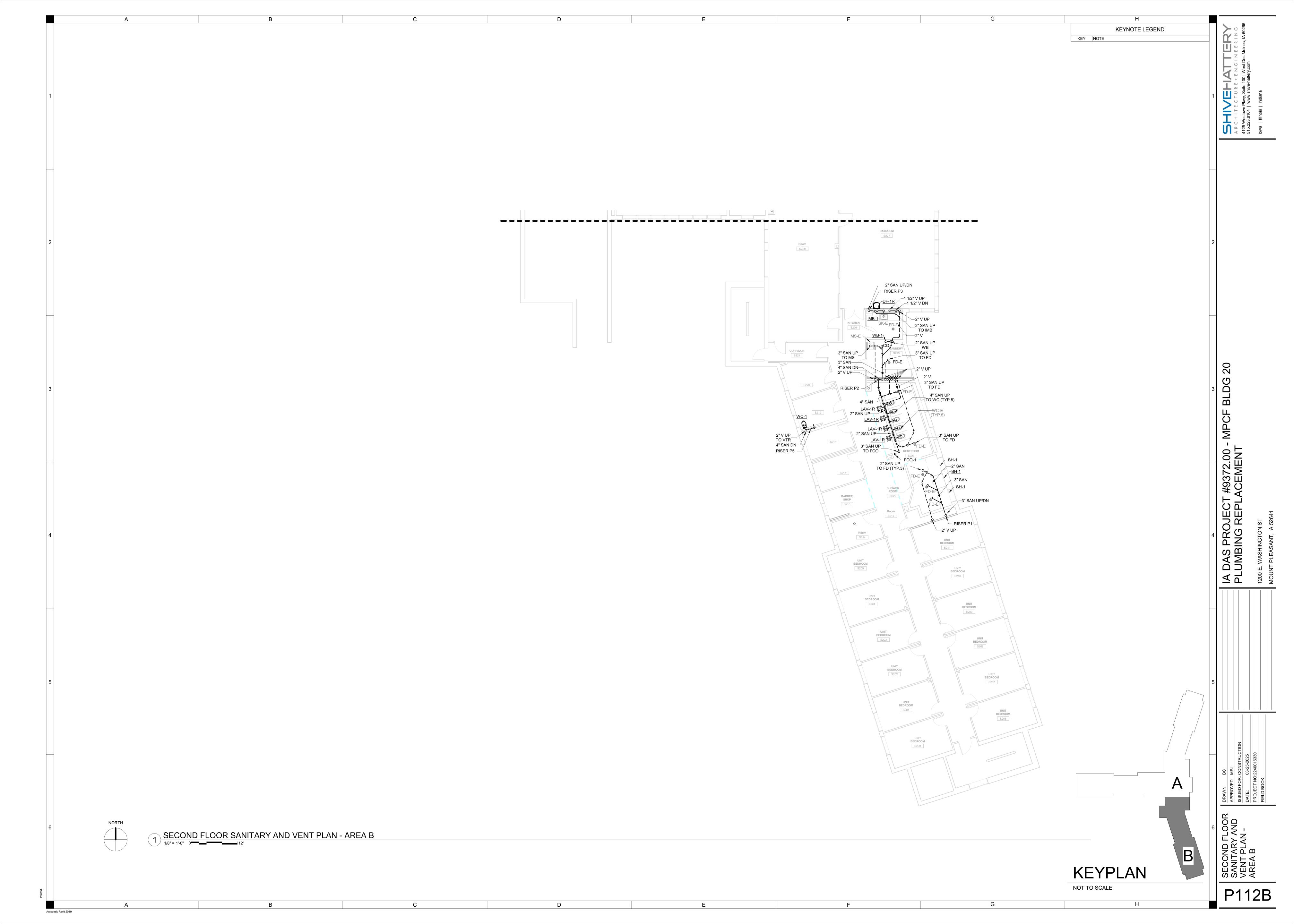




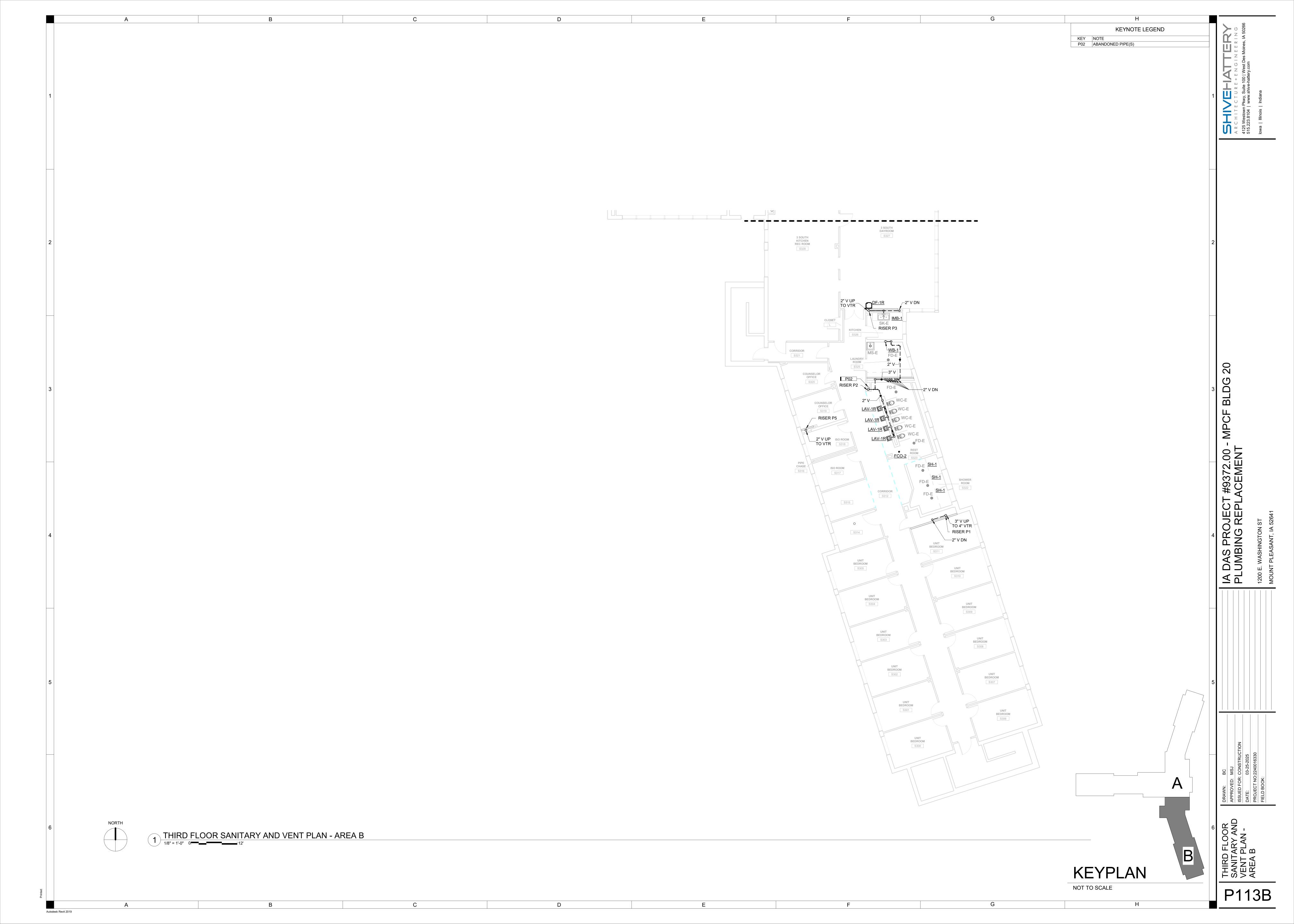


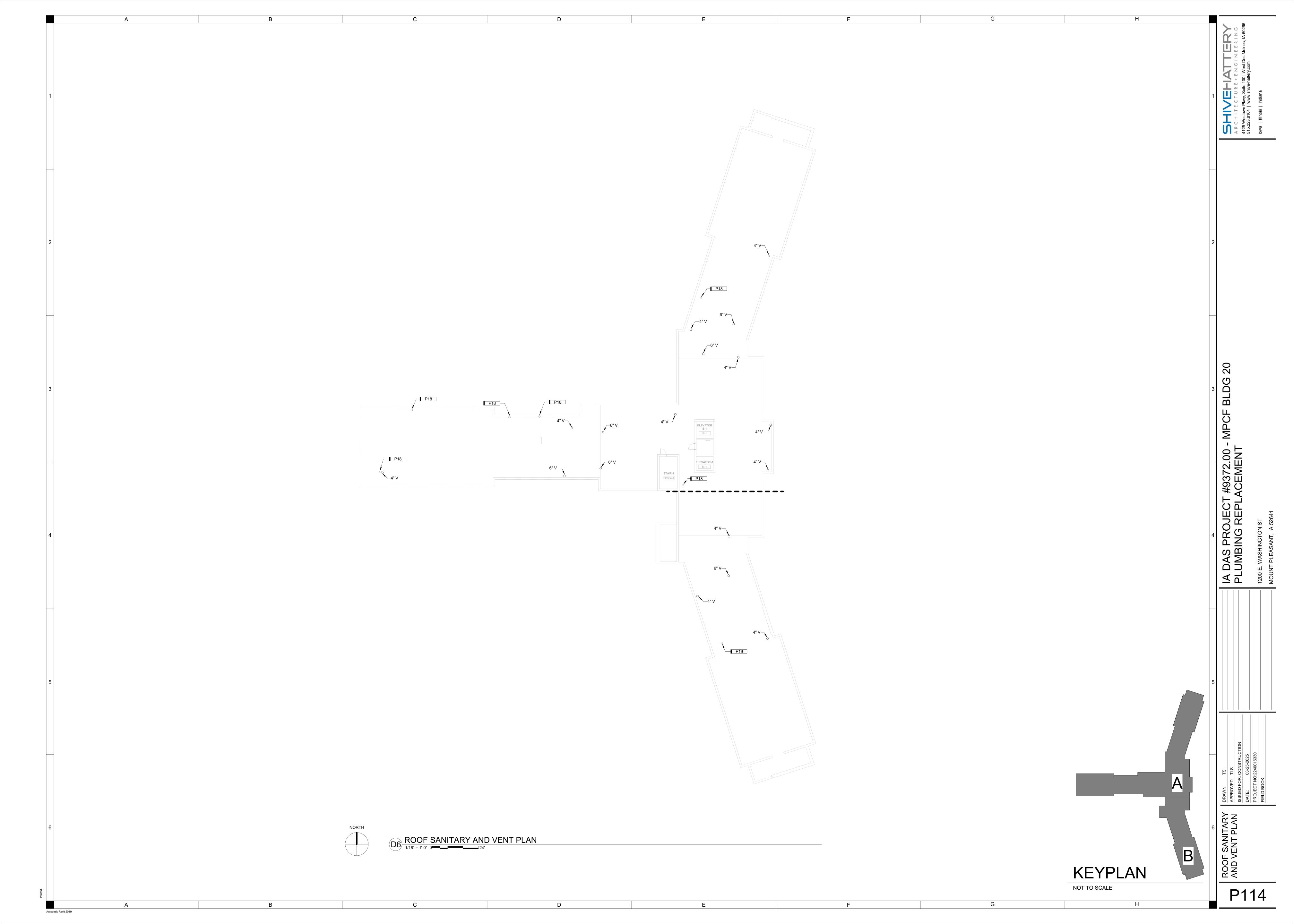


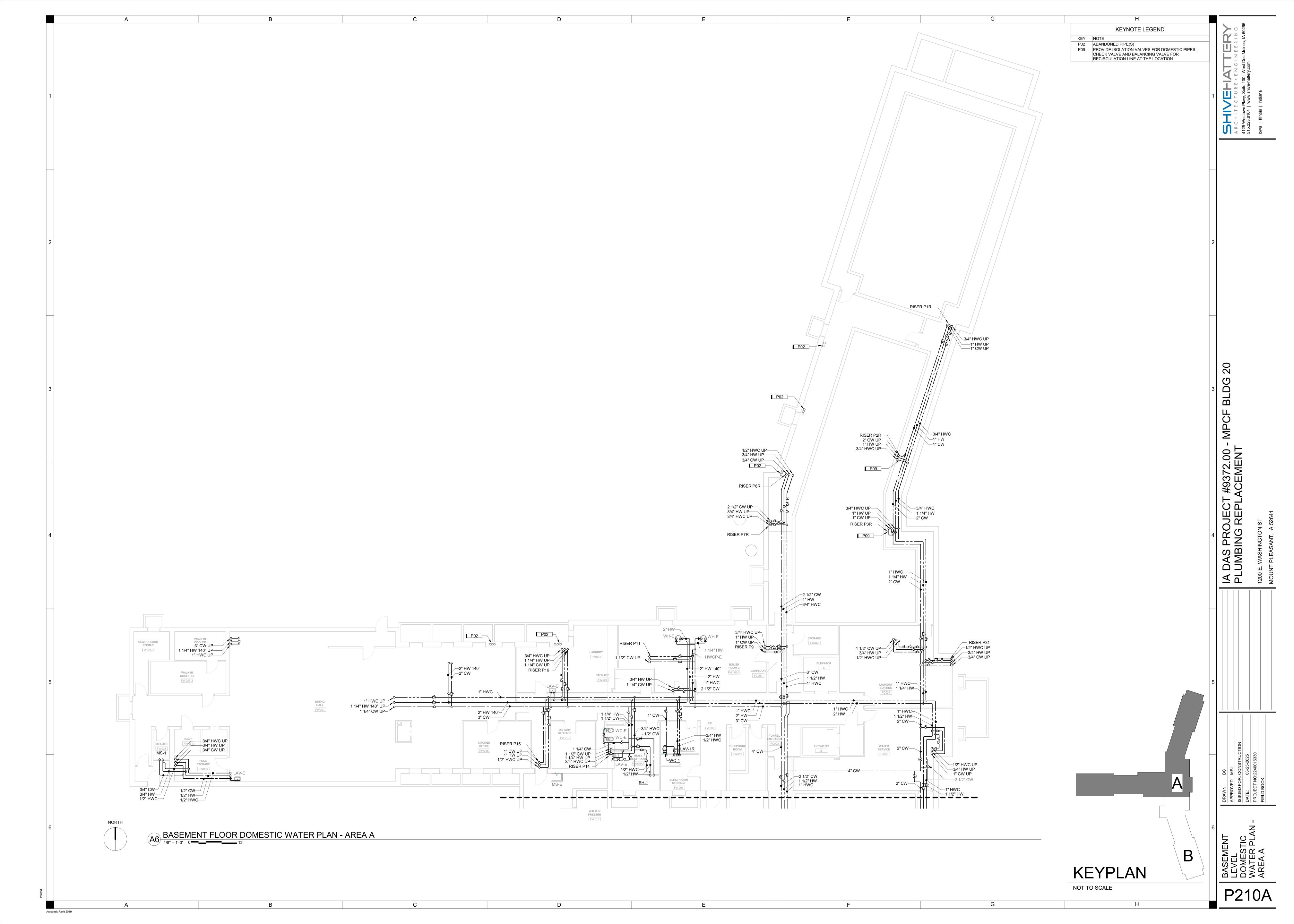


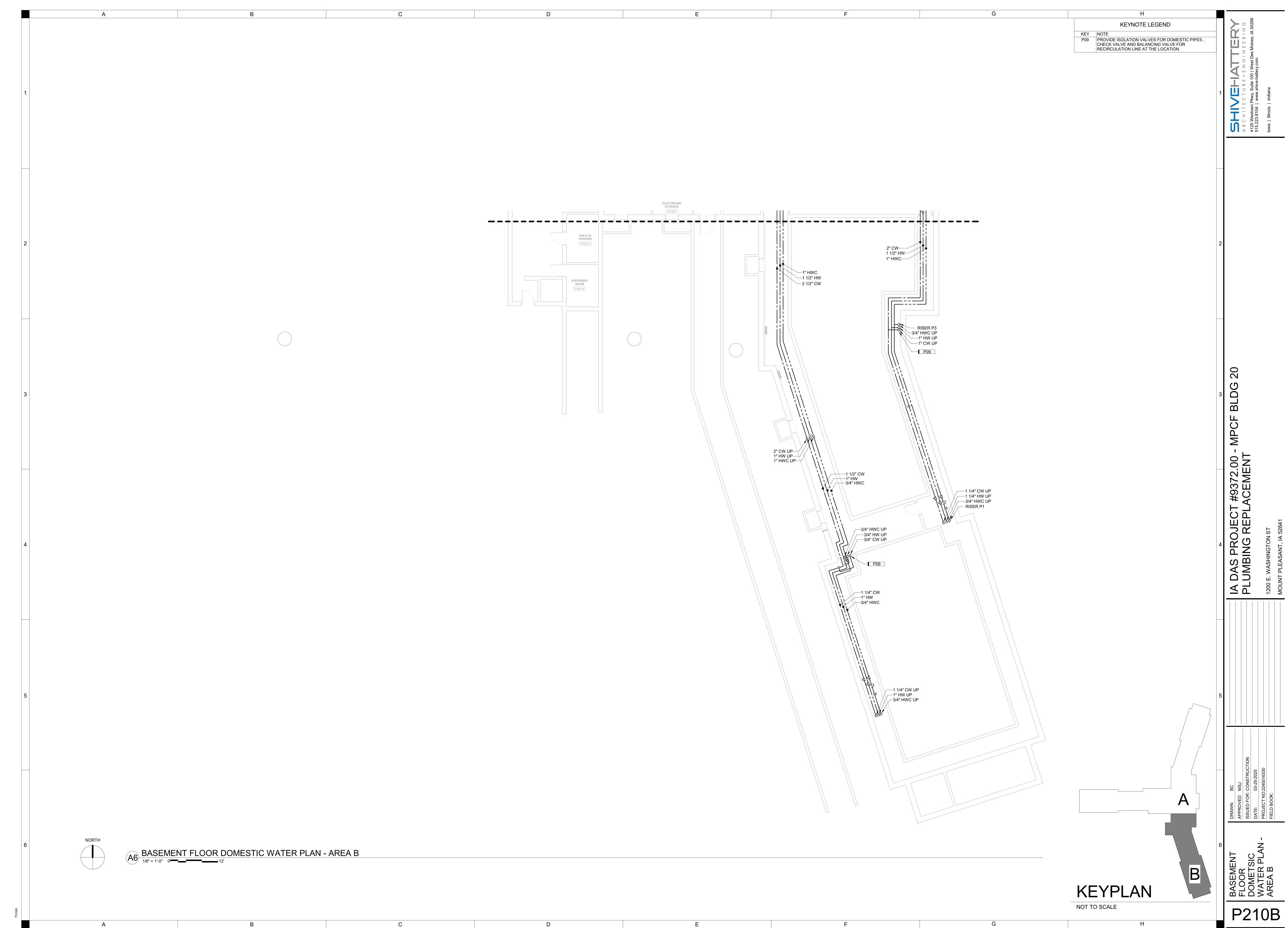














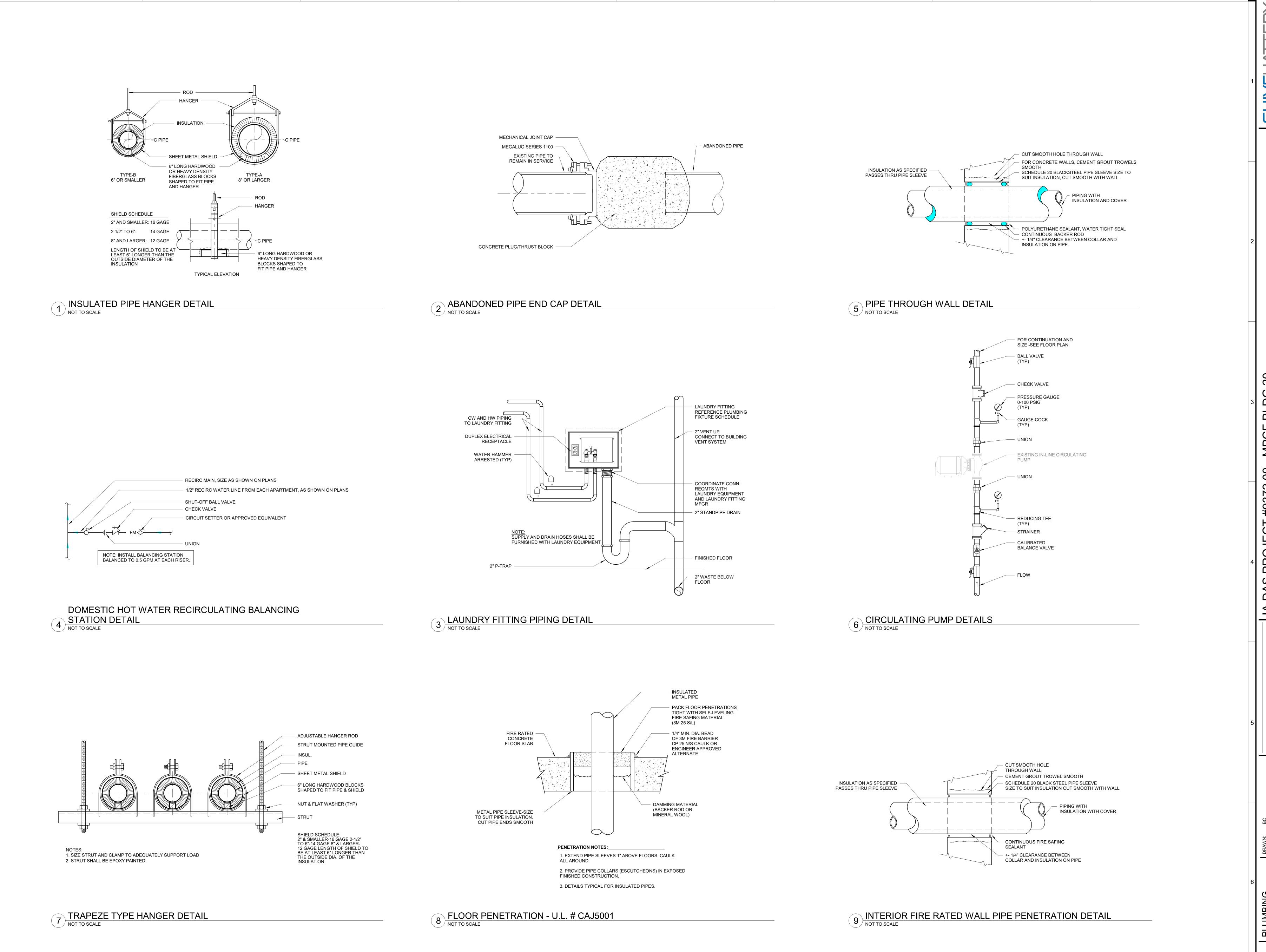








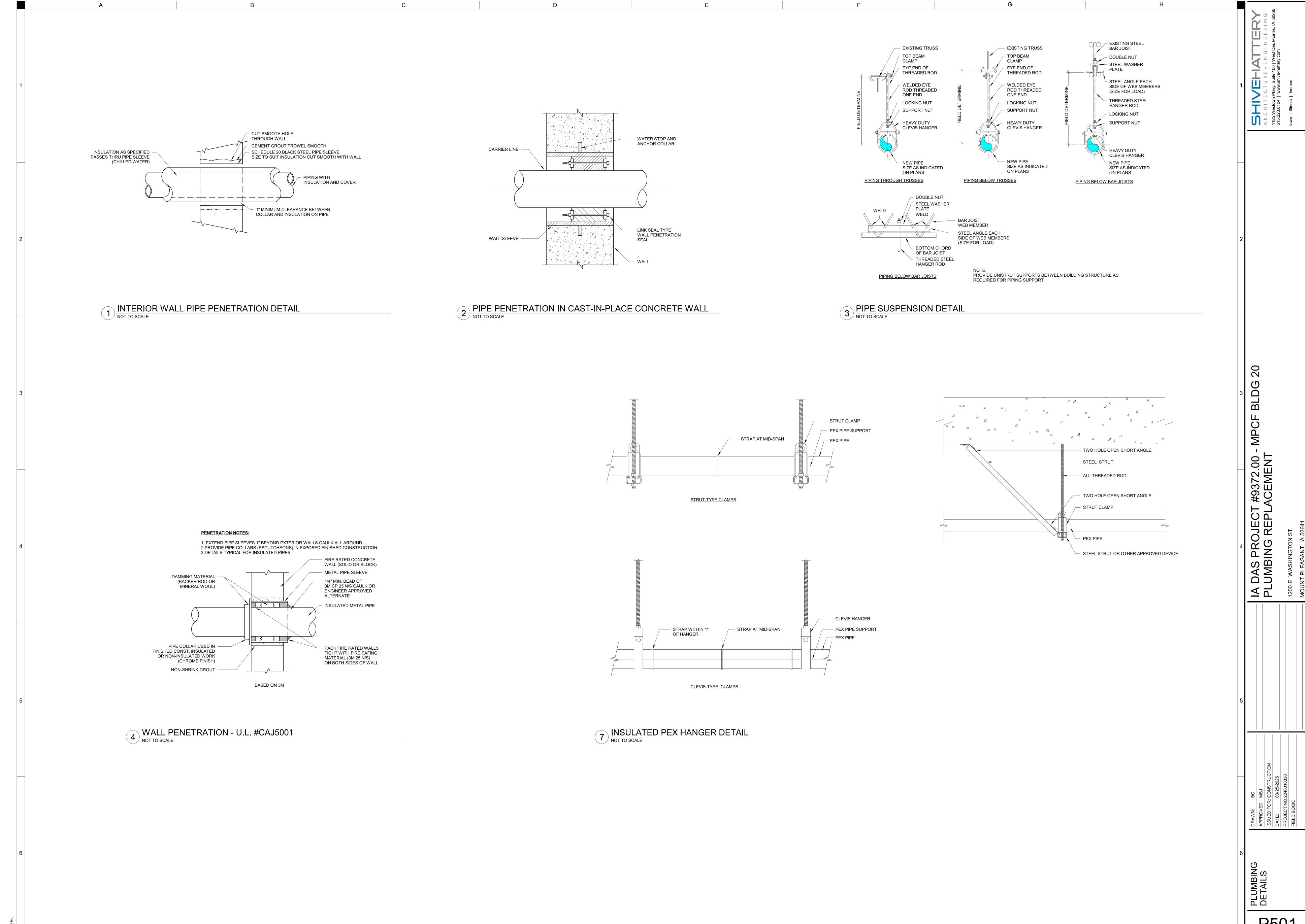




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PLUMBING FIXTURE SCHEDULE

1. WATER HAMMER ARRESTORS NOT SHOWN ON PLANS. REFER TO SPECIFICATIONS AND 22 11 19. INSTALL ON BOTH COLD AND HOT WATER PIPING IN AN UPRIGHT POSITION. LOCATE AT THE ENDS OF PIPE RUNS OR NEAR A BATTERY OF FIXTURES. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR LOCATION AND INSTALL IN AN ACCESSIBLE LOCATION. AIR CHAMBERS NOT ALLOWED.

2. NOT ALL CO, FCO, WCO, ECO ARE SHOWN ON PLANS, REFER TO SPECIFICATIONS AND 22 13 19. CLEANOUT COVERS SHALL BE STAMPED OR ENGRAVED ON COVER AS FOLLOWS: SANITARY CLEANOUT STAMPED OR ENGRAVED ON COVER STAMPED ON COVER STAMPE

3. FIXTURE IS BEING REMOVED AND REINSTALLED TO ALLOW FOR INSTALLATION OF NEW RISERS. 4. AN ENCLOSURE IS TO BE PROVIDED BETWEEN THE TOP OF THE SHOWER ASSEMBLY AND THE CEILING (APPROXIMATELY 24" LONG).

				FIXTURE				F	AUCET / FLUSH VALVE	PIPE CON	NNECTIONS / ROUGH-IN DIAMETER	ACCESSORIES
TAG	FIXTURE TYPE	MANUFACTURER	MODEL	MATERIAL	DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	DESCRIPTION	STM		
DF-1R FCO-1	ELECTRIC WATER COOLER  FLOOR CLEANOUT	- ZURN	- Z1400	GALVANIZED STEEL  DURA-COATED CAST IRON	- LEVEL TROL ADJUSTABLE FLOOR CLEANOUT, DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT ABS TAPERED THREAD PLUG, AND ROUND SCORIATED CAST IRON EXTRA-HEAVY-DUTY SECURED TOP, ADJUSTABLE TO FINISHED						2" 1 1/2" 1/2"	NOTE 3
FCO-2	FLOOR CLEANOUT	ZURN	Z1400	DURA-COATED CAST IRON	FLOOR.  LEVEL TROL ADJUSTABLE FLOOR CLEANOUT, DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT ABS TAPERED						3"	
FD-1	FLOOR DRAIN - ROUND	ZURN	Z415	EPOXY COATED CAST IRON	CAST IRON BODY, NICKEL BRONZE ADJUSTABLE TOP, 6" SQUARE, 2" BOTTOM OUTLET, FLASHING COLLAR, SURFACE MEMBRANE CLAMP, .						2" 2"	TRAP SEAL - (SURE SEAL SS) - 2", PLASTIC HOUSING WITH FLEXIBLE DIAPHRAGM, SEALING GASKETS, RECLOSES AND SEALS WHEN DISCHARGE IS COMPLET ASSE 1072.
FD-2	FLOOR DRAIN - ROUND	ZURN	Z415	EPOXY COATED CAST IRON	CAST IRON BODY, NICKEL BRONZE ADJUSTABLE TOP, 6" SQUARE, 3" BOTTOM OUTLET, FLASHING COLLAR, SURFACE MEMBRANE CLAMP, .						3" 2"	TRAP SEAL - (SURE SEAL SS) - 3", PLASTIC HOUSING WITH FLEXIBLE DIAPHRAGM, SEALING GASKETS, RECLOSES AND SEALS WHEN DISCHARGE IS COMPLET ASSE 1072.
FD-3	FLOOR DRAIN - SQUARE	JR SMITH	2145	EPOXY COATED CAST IRON	CAST IRON BODY, HEAVY DUTY CAST IRON GRATE, 12" SQUARE, 4" BOTTOM OUTLET, DEEP SUMP, SUSPENDED PERFORATED SEDIMENT BUCKET, FLASHING COLLAR, DEEP SEAL TRAP.						4" 2"	TRAP SEAL - (SURE SEAL SS) - 4", PLASTIC HOUSING WITH FLEXIBLE DIAPHRAGM, SEALING GASKETS, RECLOSES AND SEALS WHEN DISCHARGE IS COMPLET ASSE 1072.
FD-4	FLOOR DRAIN - ROUND	ZURN	Z541	EPOXY COATED CAST IRON	CAST IRON BODY, HEAVY DUTY CAST/DUCTILE IRON TOP, 12" ROUND, 4" BOTTOM OUTLET, MEDIUM SUMP, FREE STANDING SEDIMENT BUCKET, FLASHING COLLAR, SURFACE MEMBRANE CLAMP, DEEP SEAL TRAP.						4" 2"	TRAP SEAL - (SURE SEAL SS) - 4", PLASTIC HOUSING WITH FLEXIBLE DIAPHRAGM, SEALING GASKETS, RECLOSES AND SEALS WHEN DISCHARGE IS COMPLET ASSE 1072.
IMB-1	ICE MAKER BOX	OATEY	12K	POLYSTYRENE	HIGH IMPACT POLYSTYRENE BOX WITH 1/4 TURN BALL VALVE						2" 1/2"	
LAV-1R	LAVATORY - WALL HUNG	-	_	WHITE VITREOUS CHINA	AND WATER HAMMER ARRESTOR. MOUNT AT 42" AFF.	-					1 1/2" 1 1/2" 1/2"	1/2" NOTE 3
					WALL MOUNTED, WHITE VITREOUS CHINA, 20"x18", 4" HIGH				TWO HANDLE MIXING FAUCET, BRASS CONSTRUCTION, CHROME-PLATED FINISH, CONVENTIONAL SPOUT WITH LAMINAR FLOW OUTLET, SINGLE WING HANDLES AT 4" CENTERS, CERAMIC DISC CARTRIDGE, PERFORATED GRID			QUARTER-TURN 3/8" CHROME PLATED HEAVY BRASS ANGLE SUPPLY LOOSE KEY STOPS, CHROME PLATED SOFT COPPER SUPPLY LINES, DRAIN AND TAILPII 1-1/4" 20 GAUGE CAST BRASS P-TRAP, SUPPORT CARRIER.
LAV-2	LAVATORY - WALL HUNG	AMERICAN STANDARD	LUCERNE 0355.012	WHITE VITREOUS CHINA		CHICAGO FAUCET	802-E70XKABCP C	CHROME	STRAINER WITH 1-1/4" 17 GAUGE TAILPIECE.		1 1/2"   1 1/2"   1/2"	1/2" MOUNT LAVATORY WITH SUPPORT CARRIER BOLTED SECURELY TO FLOOR. TOP OF RIM SHALL BE AT 31" ABOVE FLOOR.
									MAXIMUM FLOW TO BE 0.5 GPM IN COMPLIANCE WITH ENERGY POLICY ACT OF 2005 AND ASME/ANSI STANDARD A112.18.1M. FAUCET SHALL COMPLY WITH FEDERAL ACT S.3874. PROVIDE RESTRICTIVE DEVICE AS REQUIRED.			PROVIDE WITH POWERS HYDROGUARD SERIES 480 THERMOSTATIC MIXING VALVE, 1/2" INLETS AND OUTLETS. SET VALVE TO DELIVER 105 DEG WATER TO HY SIDE OF FAUCET.
MS-1	JANITOR SINK	FIAT	MSB-2424	MOLDED STONE	MOLDED STONE, WHITE WITH BLACK ACCENTS, 24"x24" x10", STAINLESS STEEL DRAIN WITH COMBINATION DOME STRAINER AND LINT BASKET, 3" OUTLET, VINYL BUMPER GUARD ON EXPOSED SIDES.	CHICAGO FAUCET	897-RCF	ROUGH CHROME	EXPOSED TWO HANDLE MIXING FAUCET, BRASS CONSTRUCTION, CHROME-PLATED FINISH, SINGLE WING HANDLES, 1/4 TURN CERAMIC DISC CARTRIDGE, 3/4" HOSE THREAD SPOUT, INTEGRAL VACUUM BREAKER, WALL BRACE, PAIL HOOK, CHECK STOPS OR INLINE CHECK VALVES TO PREVENT THERMAL CROSSOVER. FAUCET SHALL COMPLY WITH FEDERAL ACT S.3874.		3" 2" 3/4"	3/4" PROVIDE STERN-WILLIAMS T-35 36" LONG HOSE AND WALL BRACKET AND T-40 STAINLESS STEEL 24" LONG
SH-1	SHOWER STALL	-	-	-	-	BRADLEY	WS-1X-HN	STAINLESS STEE	MOUNT AT 30" ABOVE FLOOR.  ACCESSIBLE, SINGLE HANDLE PRESSURE BALANCED MIXING FAUCET, CHROME PLATED BRASS CONSTRUCTION, WASHERLESS DESIGN, OFF-COLD-HOT TEMPERATURE RANGE INDICATOR DIAL, POLISHED CHROME CAST METAL LEVER HANDLE, INTEGRAL CHECK STOPS, ADJUSTABLE TEMPERATURE LIMIT STOP. ASSE 1016 LISTED.		2" 1 1/2" 1/2"	18 GAUGE STAINLESS STEEL SHOWER PANEL, ADJUSTABLE SPRAY HAND HELD SHOWER WITH 1.5 GPM FLOW AND 60" STAINLESS STEEL HOSE AND QUICK DISCONNECT, CHROME-PLATED BRASS SHOWERHEAD WITH SWIVEL BALL JOINT ADJUSTABLE SPRAY, CHROME-PLATED BRASS ARM AND FLANGE, CHROME-PLATED BRASS SWIVEL CONNECTOR, POST STYLE MOUNTING BRACKET, CHROME-PLATED BRASS SUPPLY ELBOW FLANGE, CHROME-PLATED ELEVATED VACUUM BREAKER WITH CHROME-PLATED PIPING AND FLANGES, CHROME-PLATED BRASS DIVERTER STAINLESS STEEL SOAP DISH  1/2"  INSTALL ALL CONTROLS BETWEEN 38" AND 48" ABOVE FINISHED FLOOR IN COMPLIANCE WITH LATEST ADA STANDARDS. INSTALL BOTTOM OF SHOWERHEAD 72" ABOVE FINISHED FLOOR. SET SAFETY LIMIT STOP TO 110 DEGREE F DISCHARGE.  NOTE 4
SH-2	SHOWER STALL	DELTA	BVS2-C5142-WH	HIGH GLOSS PROCRYLIC	MULTI PIECE, HIGH GLOSS CONSTRUCTION, WHITE FINISH, 60"x30" (NOMINAL), INTEGRAL SOAP DISH, 4-1/4" STRAINER.	SYMMONS	9601-PLR	CHROME	SINGLE HANDLE PRESSURE BALANCED MIXING FAUCET, BRASS OR BRONZE CONSTRUCTION, POLISHED CHROME CAST METAL LEVER HANDLE, WASHERLESS DESIGN, OFF-COLD-HOT TEMPERATURE RANGE INDICATOR DIAL, INTEGRAL CHECK STOPS, ADJUSTABLE TEMPERATURE LIMIT STOP, ASSE 1016 LIST		2" 1 1/2" 1/2"	SHOWER ACCESSORIES - 1" DIAMETER CHROME-PLATED SHOWER ROD, COMMERCIAL GRADE VINYL SHOWER CURTAIN.  MOUNT SHOWER ROD AS HIGH AS POSSIBLE. PROVIDE BLOCKING AT SHOWER ROD CONNECTIONS.
SK-1R	SINK - SINGLE	-	-	STAINLESS STEEL	-	-	-	-	-		2" 1 1/2" 1/2"	1/2" NOTE 3
WB-1	WALL BOX	OATEY	38000 SERIES	POLYSTYRENE	PVC/PLASTIC ENCLOSURE, 2" CENTER DRAIN, TWO QUARTER-TURN ANGLE VALVES WITH 1/2" THREADED OUTLETS.				EVENCED MANUAL OPERATION 4.0 CALLONG PER ELLIQUE 44.4/0// POLICIES		2" 2" 1/2"	1/2"
WC-1	WATER CLOSET - FLOOR MOUNT	AMERICAN STANDARD	MADERA 2234.001	WHITE VITREOUS CHINA	FLOOR MOUNTED, FLUSH VALVE TYPE, WHITE VITREOUS CHINA, SIPHON JET, WATER SAVING, ELONGATED BOWL, 1-1/2" TOP SPUD, BOLT CAPS.	SLOAN	ROYAL 111	CHROME	EXPOSED, MANUAL OPERATION, 1.6 GALLONS PER FLUSH, 11-1/2" ROUGH-IN, CHROME PLATED, 1" I.P.S. SCREWDRIVER STOP-CHECK VALVE WITH VANDAL RESISTANT CAP, HIGH BACK PRESSURE VACUUM BREAKER, NON-HOLD-OPEN HANDLE, ADJUSTABLE TAILPIECE, SPUD COUPLING AND FLANGE, WALL FLANGE WITH SET SCREW, CHLORAMINE RESISTANT MATERIALS, ADA COMPLIANT, 3 YEAR WARRANTY.		4" 2" 1"	TOP OF SEAT SHALL BE AT 16"-17" ABOVE FINISHED FLOOR. VERIFY EQUIPMENT REQUIREMENTS AND ROUGH-IN LOCATIONS.  CHURCH 2155CT HEAVY DUTY WHITE OPEN FRONT ANTIMICROBIAL SEAT WITH SELF-SUSTAINING HINGE.
WC-2	WATER CLOSET - WALL HUNG	AMERICAN STANDARD	AFWALL 2257.101	WHITE VITREOUS CHINA	WALL MOUNTED, FLUSH VALVE TYPE, WHITE VITREOUS CHINA, SIPHON JET, WATER SAVING, ELONGATED BOWL, 1-1/2" TOP SPUD.	SLOAN	ROYAL 111	CHROME	EXPOSED, MANUAL OPERATION, 1.6 GALLONS PER FLUSH, 11-1/2" ROUGH-IN, CHROME PLATED, 1" I.P.S. SCREWDRIVER STOP-CHECK VALVE WITH VANDAL RESISTANT CAP, HIGH BACK PRESSURE VACUUM BREAKER, NON-HOLD-OPEN HANDLE, ADJUSTABLE TAILPIECE, SPUD COUPLING AND FLANGE, WALL FLANGE WITH SET SCREW, CHLORAMINE RESISTANT MATERIALS, ADA COMPLIANT, 3 YEAR WARRANTY.		4" 2" 1"	MOUNT WATER CLOSET WITH CARRIER BOLTED SECURELY TO FLOOR. TOP OF SEAT SHALL BE AT 16"-17" ABOVE FINISHED FLOOR (VERIFY EXACT MOUNTING HEIGHT WITH MANUFACTURER). VERIFY EQUIPMENT REQUIREMENTS AND ROUGH-IN LOCATIONS. WATER CLOSET SUPPORT CARRIER RATED FOR 500 LBS.  CHURCH 2155CT HEAVY DUTY WHITE OPEN FRONT ANTIMICROBIAL SEAT WITH SELF-SUSTAINING HINGE.

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