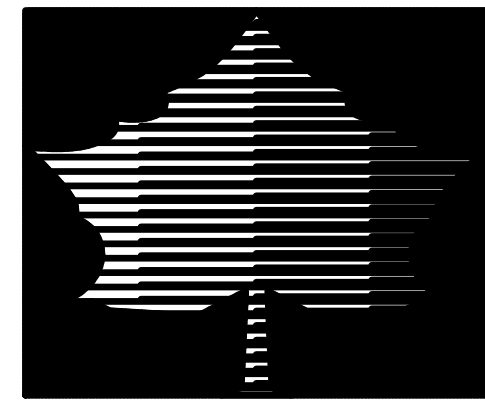




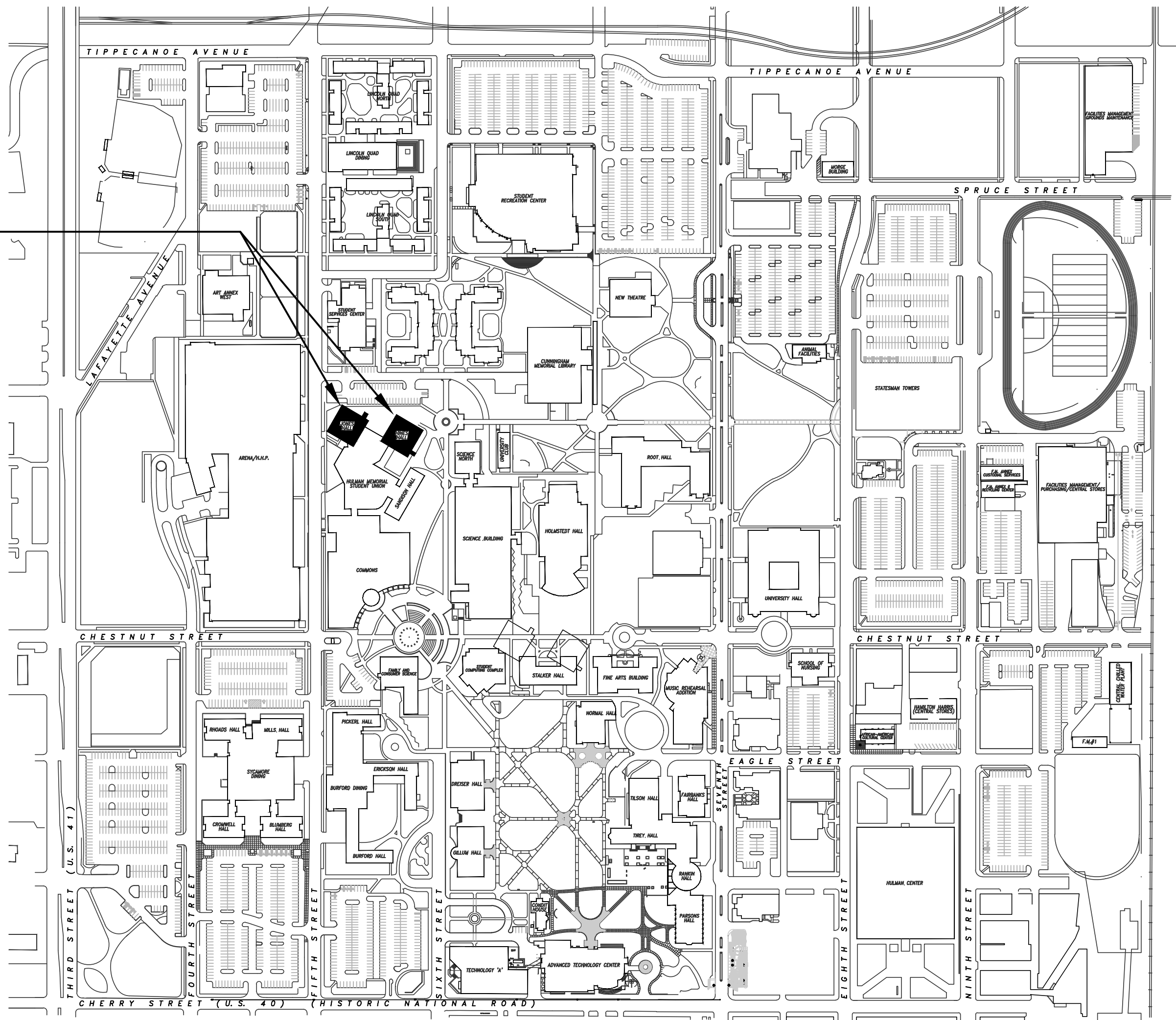
INDIANA STATE UNIVERSITY 2026 HINES AND JONES HALL REFRESH

TERRE HAUTE, INDIANA

ISU BID #B0028696

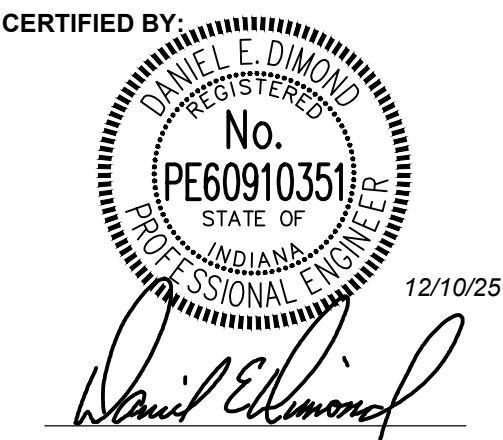
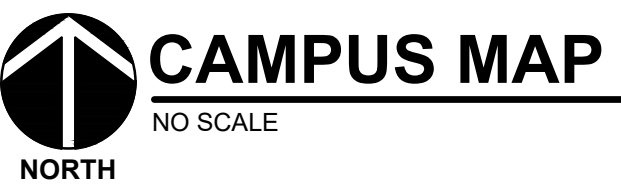
BID SET
12/10/2025

PROJECT LOCATION
(HINES AND JONES HALL)

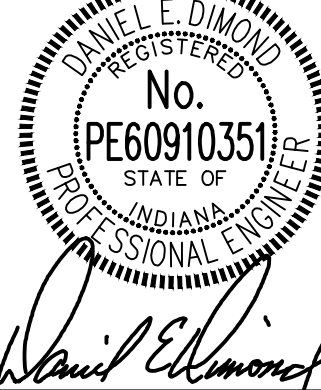


DRAWING INDEX:

SITE		
S100	STAGING SITE PLAN	- SITE
ARCHITECTURAL		
A202	FIRST FLOOR PLAN	- ARCHITECTURAL
A203	2ND THRU 9TH FLOORS	- ARCHITECTURAL
PLUMBING		
PM001	SYMBOLS, ABBREVIATIONS, GENERAL NOTES	- PLUMBING & MECHANICAL
P201	BASEMENT PLAN - FOR REFERENCE ONLY	- PLUMBING
P202	FIRST FLOOR PLAN - FOR REFERENCE ONLY	- PLUMBING
P203	2ND THRU 9TH FLOORS	- PLUMBING
P204	TENTH FLOOR PLAN	- PLUMBING
P301H	HINES BASEMENT FLOOR	- PLUMBING
P301J	JONES BASEMENT FLOOR	- PLUMBING
P401	SCHEDULES AND DETAILS	- PLUMBING
P621H	HINES WORK SCHEDULE	- PLUMBING
P621J	JONES WORK SCHEDULE	- PLUMBING
MECHANICAL		
M201	BASEMENT FLOOR	- MECHANICAL
M202	FIRST FLOOR PLAN	- MECHANICAL
M203	2ND THRU 9TH FLOORS	- MECHANICAL
M204	TENTH FLOOR	- MECHANICAL
M205	ROOF & PENTHOUSE FLOOR - FOR REFERENCE ONLY	- MECHANICAL
M301H	HINES BASEMENT FLOOR	- MECHANICAL
M301J	JONES BASEMENT FLOOR	- MECHANICAL
M302H	HINES PENTHOUSE FLOOR	- MECHANICAL
M302J	JONES PENTHOUSE FLOOR	- MECHANICAL
M311	TYPICAL ROOM FLOOR - FOR REFERENCE ONLY	- MECHANICAL
M401	SCHEDULES AND DETAILS	- MECHANICAL
M621H	HINES WORK SCHEDULE	- MECHANICAL
M621J	JONES WORK SCHEDULE	- MECHANICAL
M701	CONTROLS	- MECHANICAL



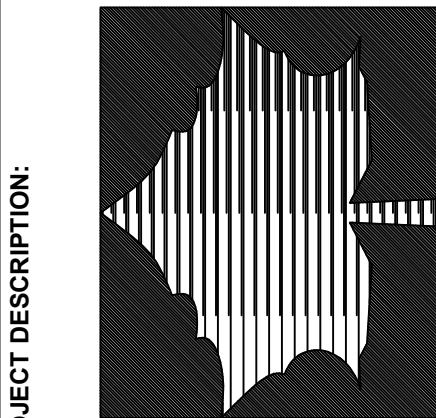
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REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY: DED	DESIGNED BY: DED
SCALE: REFER TO DRAWING	CHECKED BY: DED
DATE: 12/10/25	JOB NO.: DA#25104

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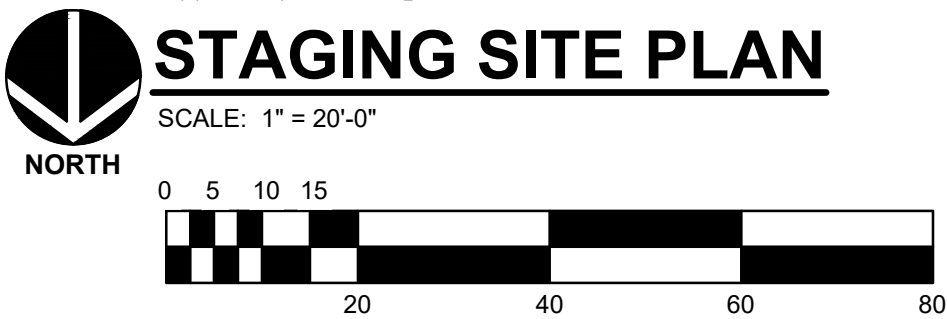
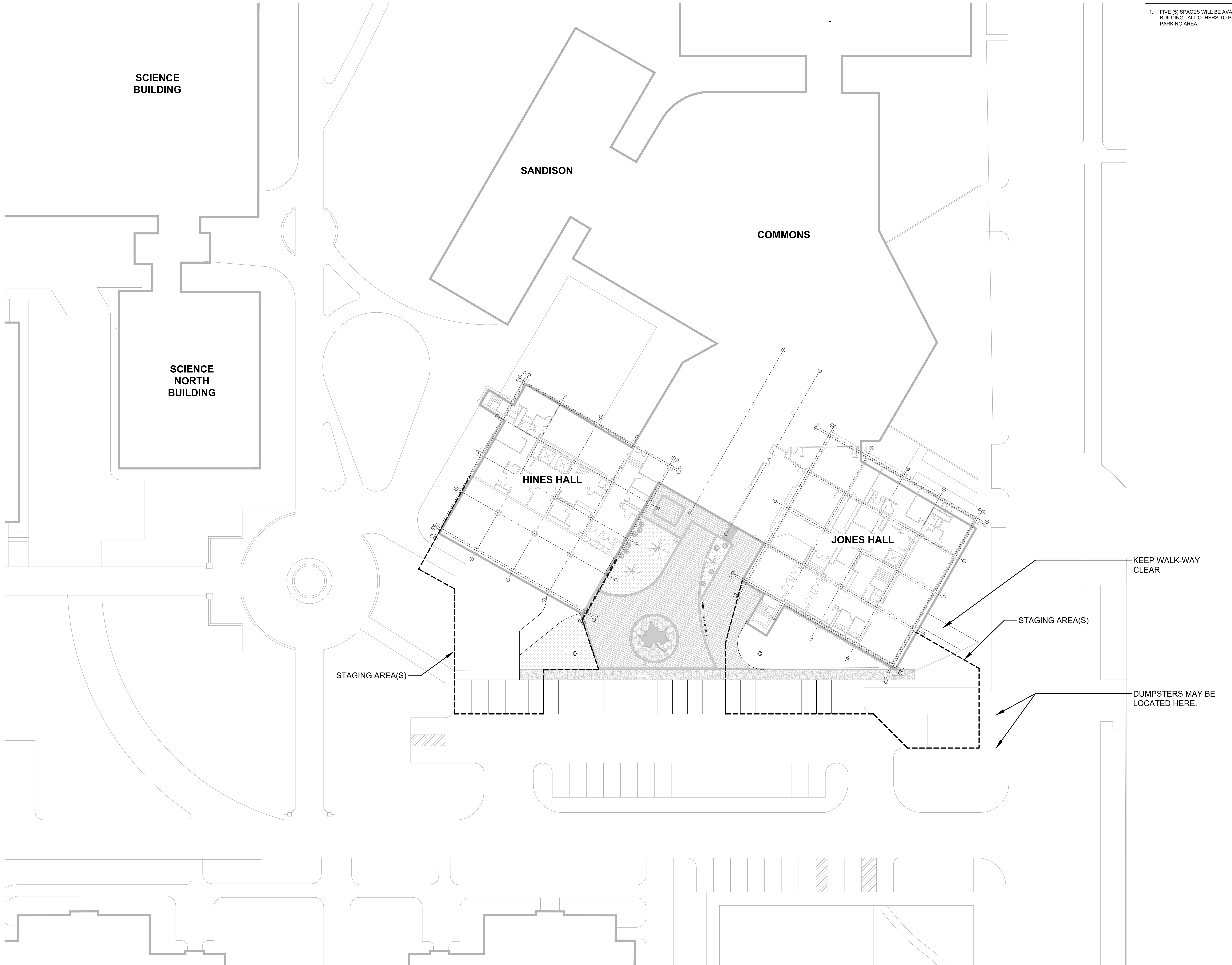
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SITE PLAN

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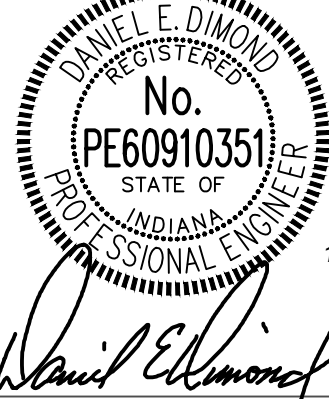
S100

NOTE:

1. FIVE (5) SPACES WILL BE AVAILABLE ADJACENT TO EACH BUILDING. ALL OTHERS TO PARK IN REMOTE DESIGNATED PARKING AREA.



CERTIFIED BY:

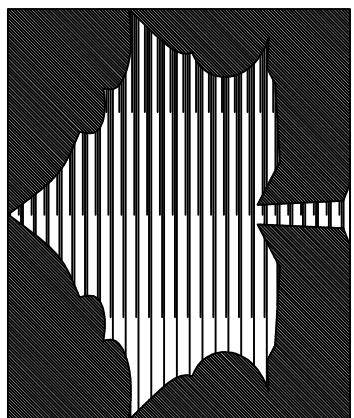


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2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA

PROJECT DESCRIPTION:



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SCALE:	CHECKED BY:
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DATE:	JOB NO.:
12/10/25	DA#25104

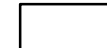
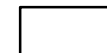
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FIRST FLOOR

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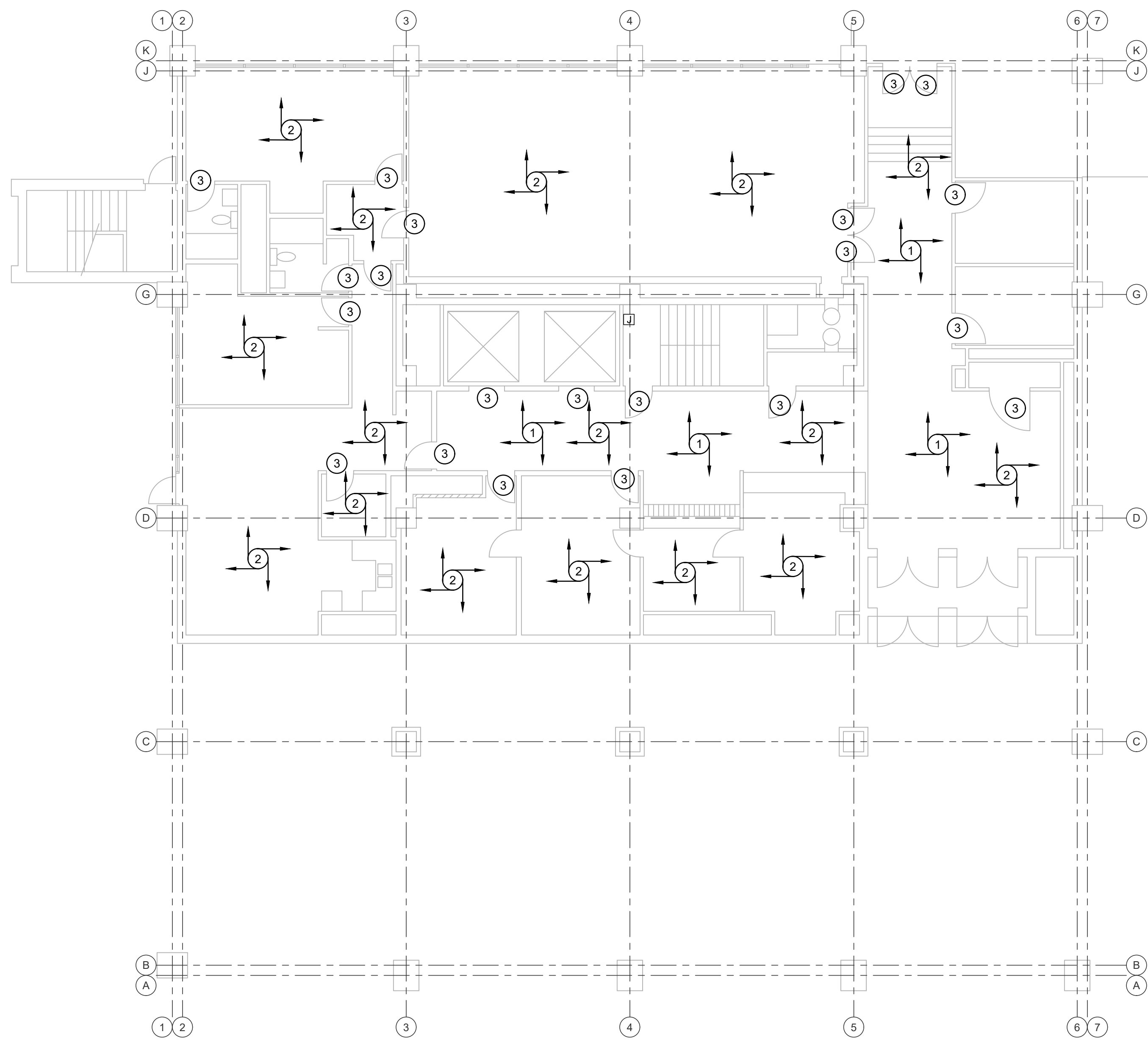
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RENOVATION LEGEND:

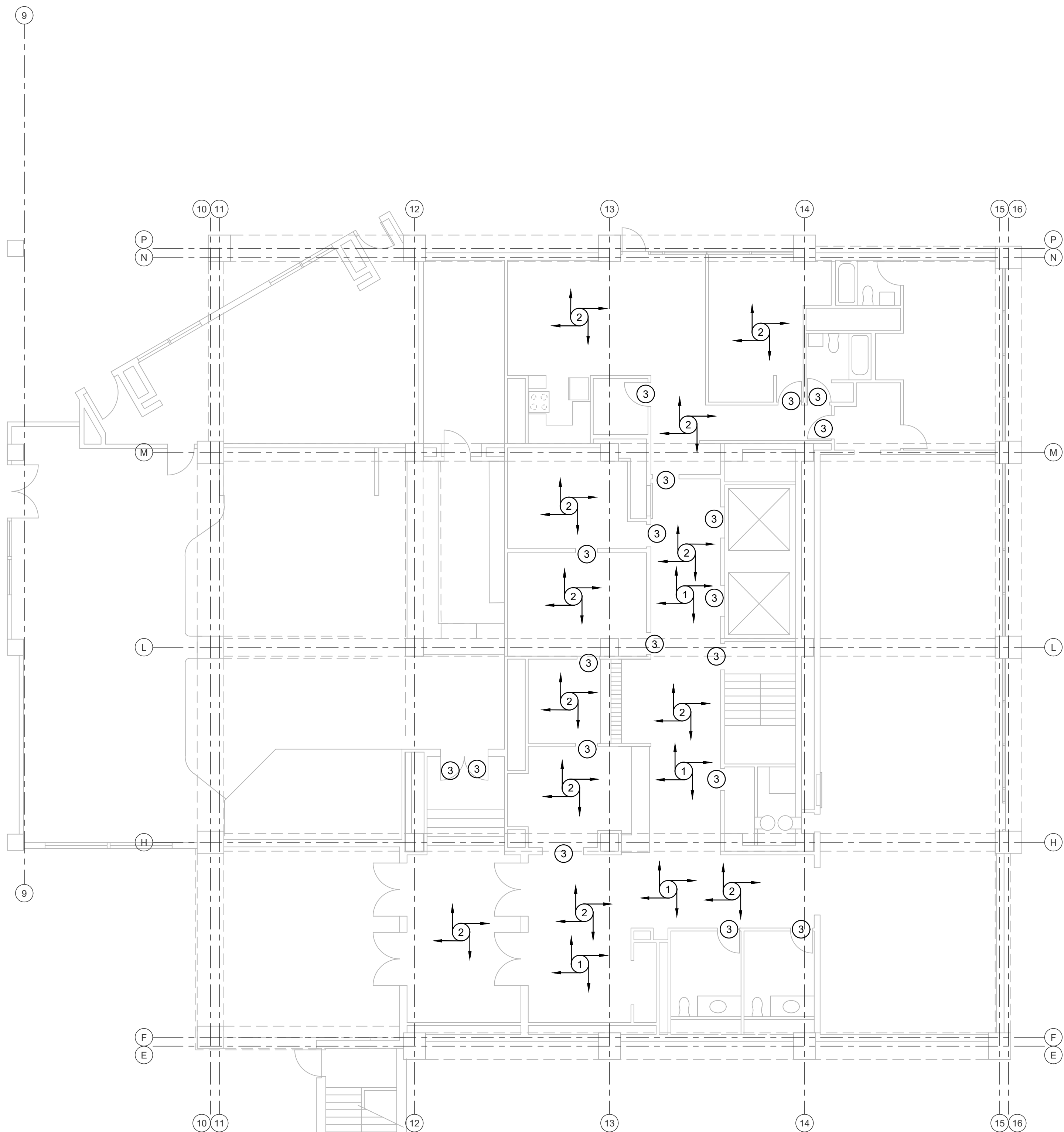
-  WORK TO BE INSTALLED
 WORK TO REMAIN

PLAN NOTES:

- 1 REMOVE EXISTING SISAL WALL COVERING COMPLETE. PATCH WALLS AS REQUIRED FOR NEW PAINT SURFACE. REMOVE VINYL CHAIR RAIL WALL COVERING COMPLETE. PATCH WALLS AS REQUIRED FOR NEW PAINT SURFACE.
- 2 PAINT ALL WALLS TWO FINISH COATS IN COLOR AS SELECTED BY OWNER.
- 3 PAINT DOOR FRAMES TWO FINISH COATS IN COLOR SELECTED BY OWNER.



HINES HALL

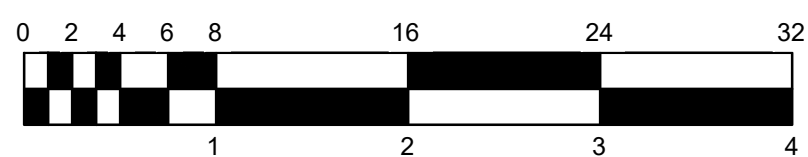


JONES HALL



FIRST FLOOR

SCALE: 1/8" = 1'-0"



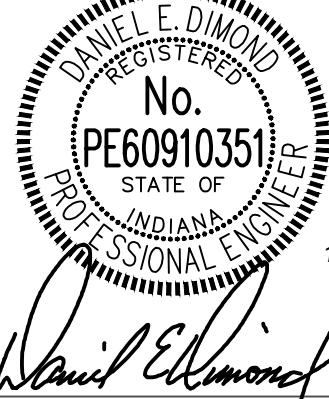
RENOVATION LEGEND:

- WORK TO BE INSTALLED
- WORK TO REMAIN

PLAN NOTES

- 1 REMOVE SELECTIVE AREAS OF DAMAGED SISAL AS IDENTIFIED DURING PROJECT. PATCH WALLS WHERE NEEDED. INSTALL NEW SISAL TO MATCH WITH EXISTING. ALL WORK WILL BE BILLED AS TIME AND MATERIAL AGAINST PROJECT ALLOWANCE.
- 2 INSTALL OR REPAIR MISSING OR DAMAGED WOOD TRIM MOLDING AS IDENTIFIED DURING PROJECT. WOOD TRIM SHALL BEST MATCH WITH EXISTING IN FINISH COLOR. ALL WORK WILL BE BILLED AS TIME AND MATERIAL AGAINST PROJECT ALLOWANCE.

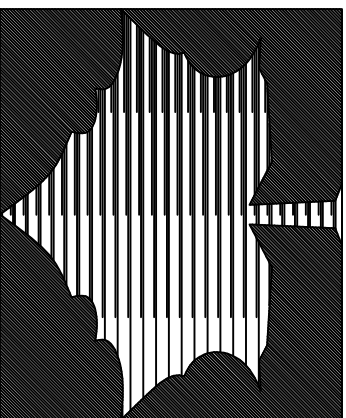
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INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



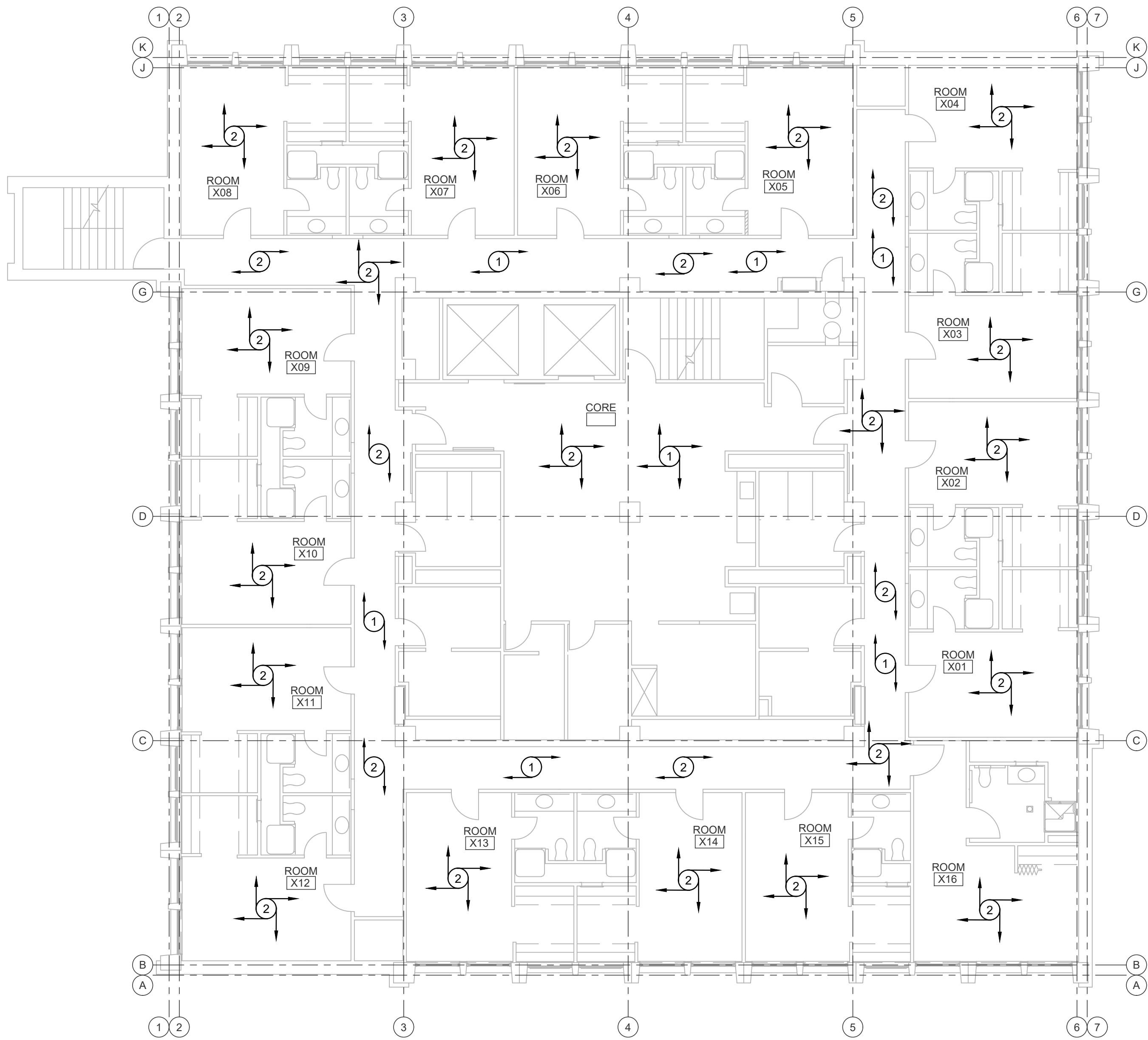
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DATE:	JOB NO.:
12/10/25	DA#25104

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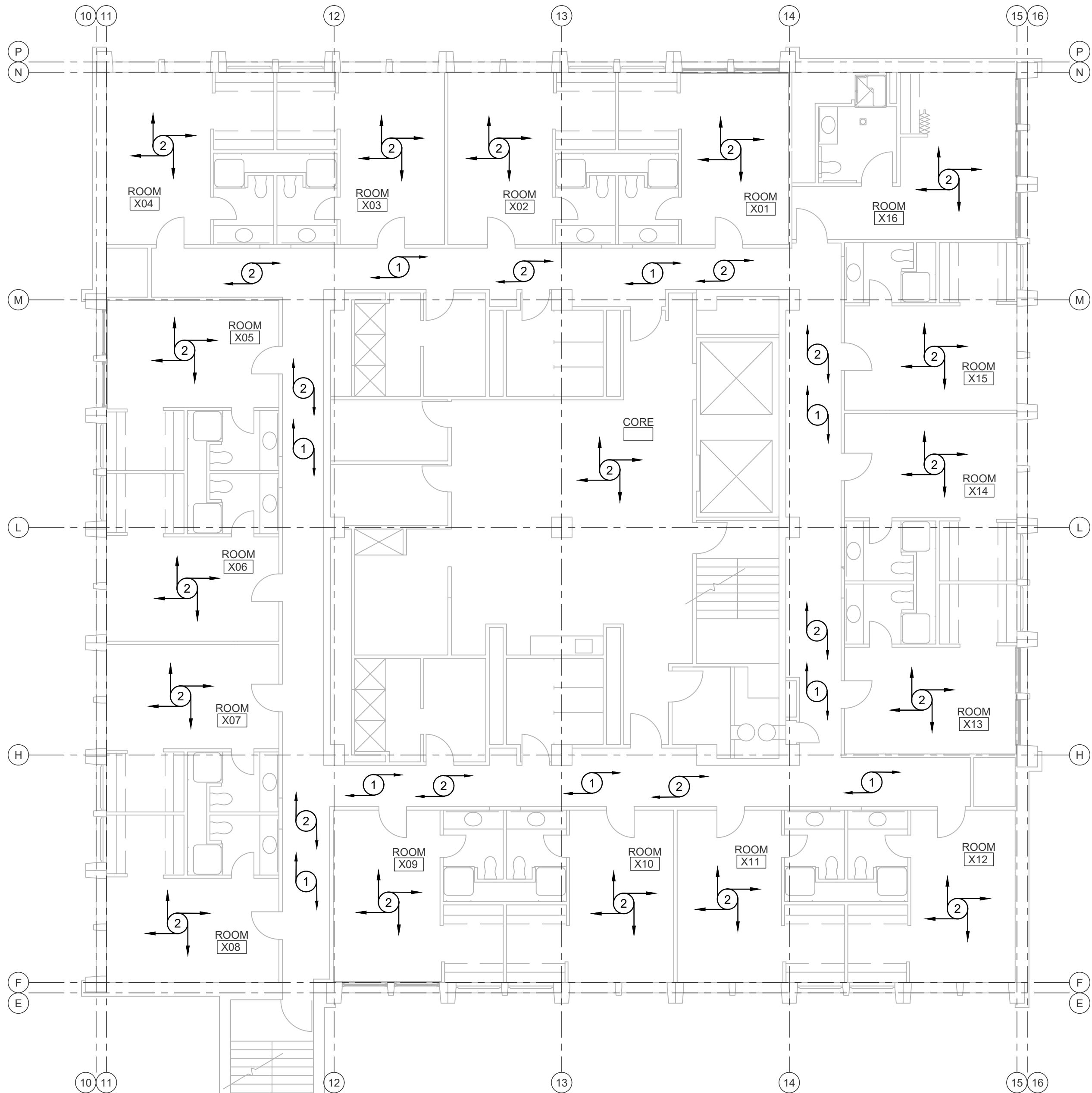
SECOND THRU
NINTH FLOORS

SHEET NUMBER:

A203



HINES HALL



JONES HALL

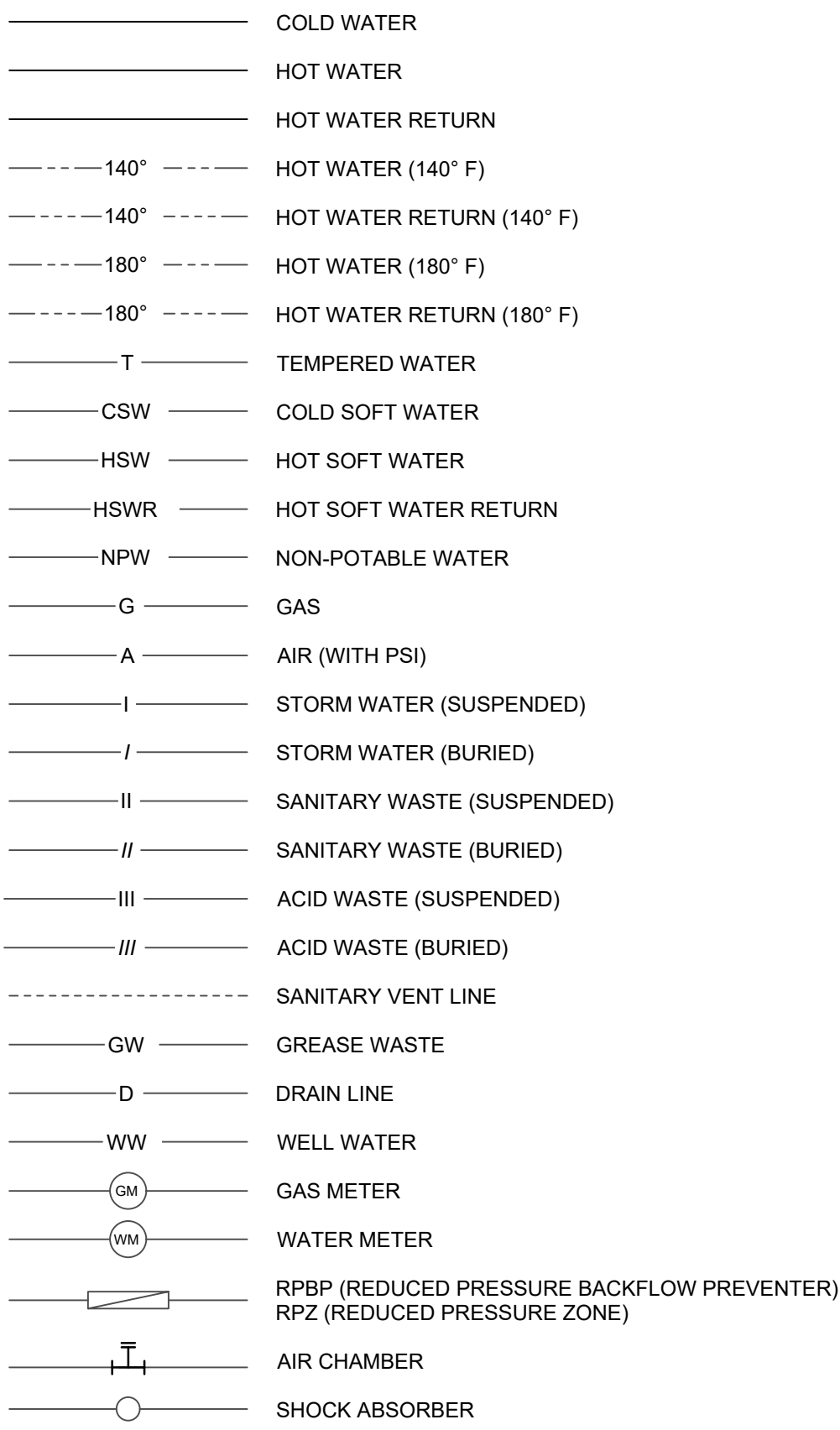


SECOND THRU NINTH FLOORS

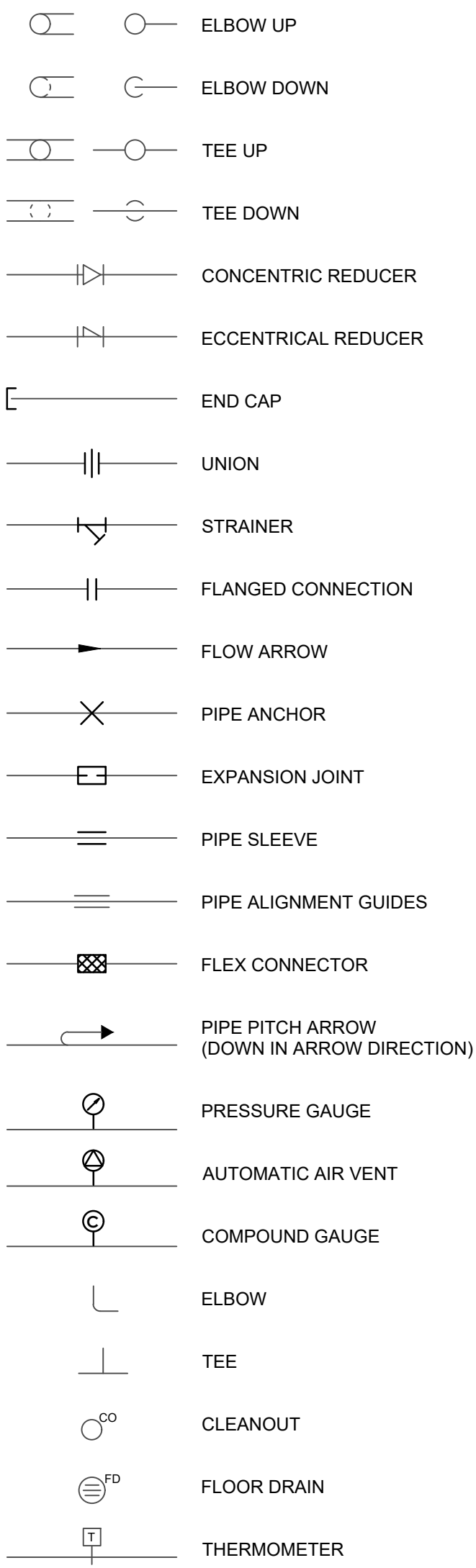
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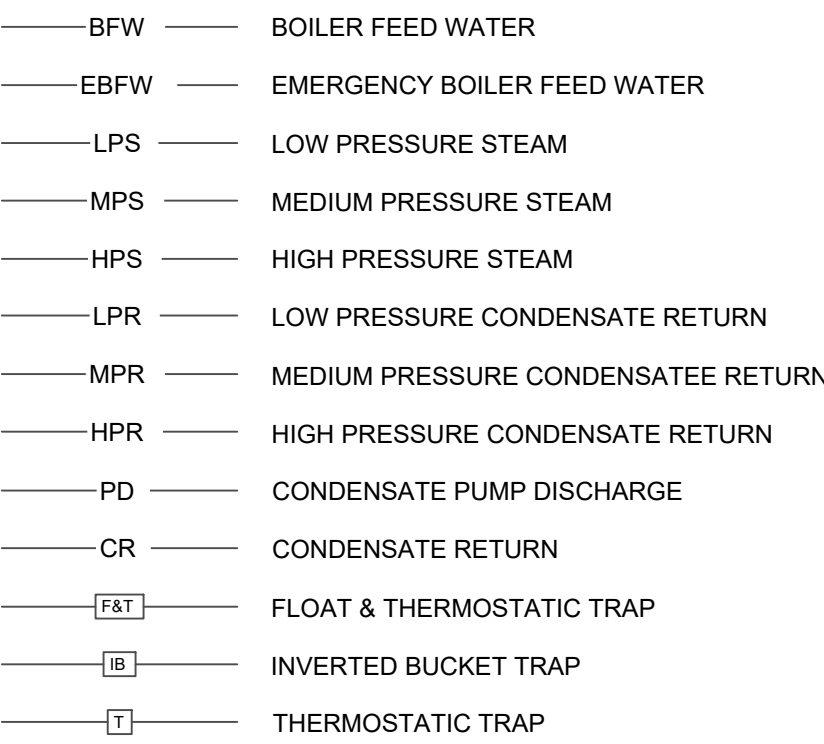
PLUMBING



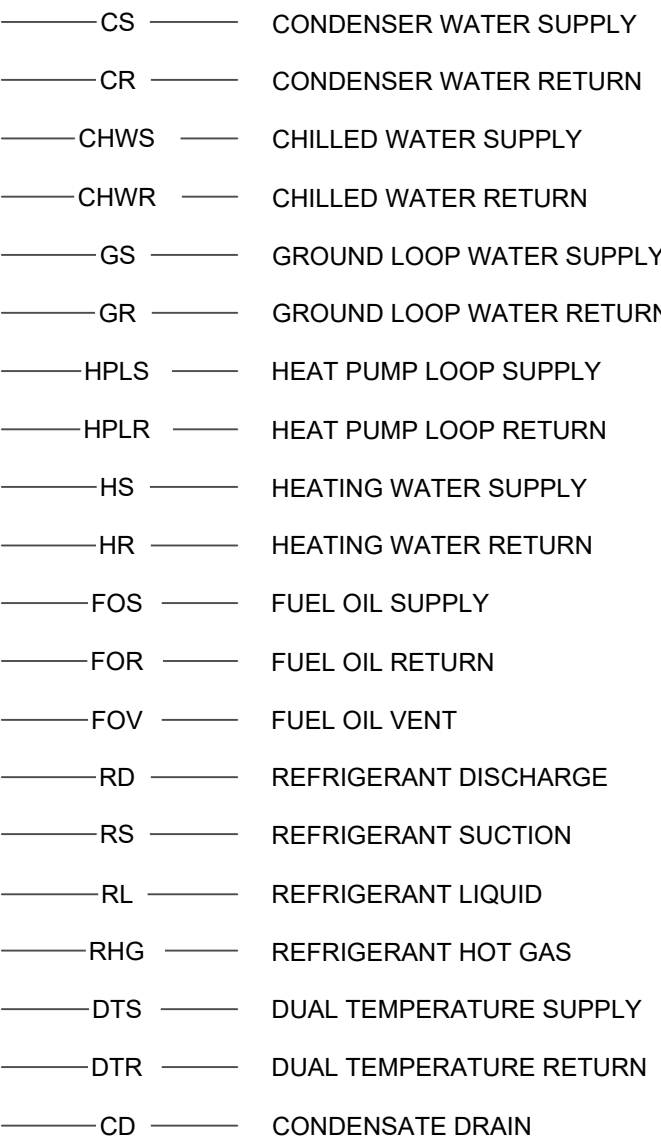
PIPE FITTINGS



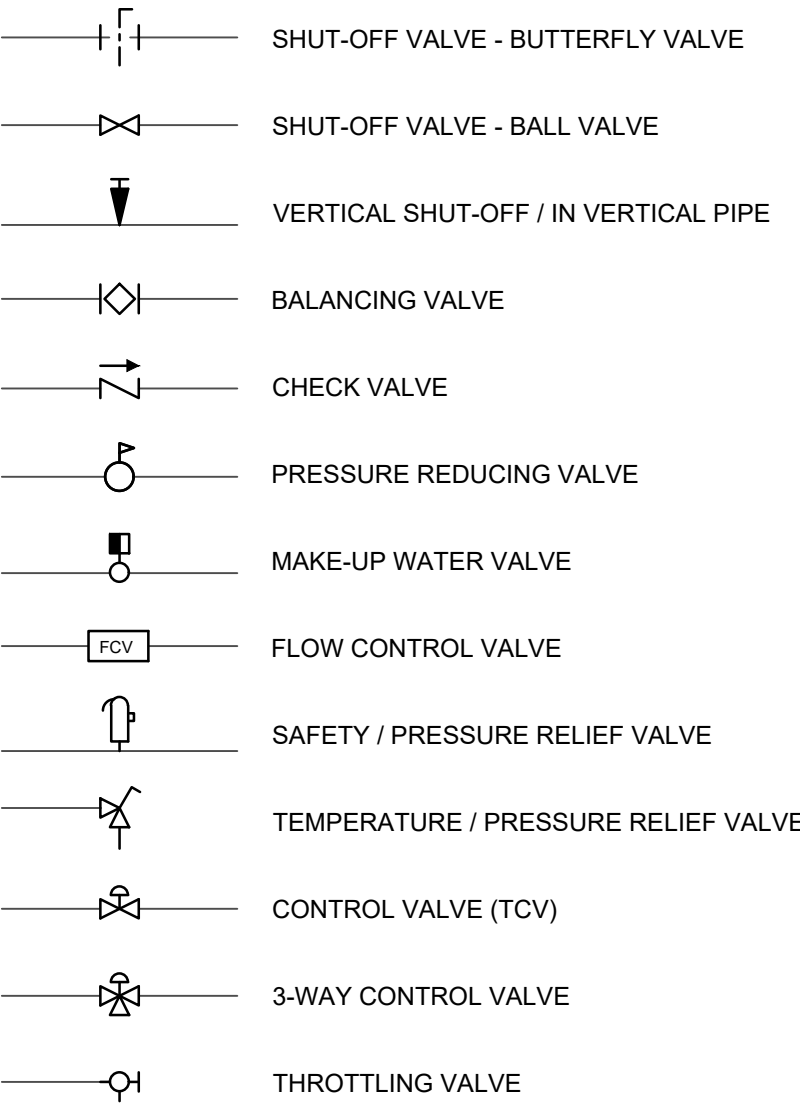
STEAM PIPING



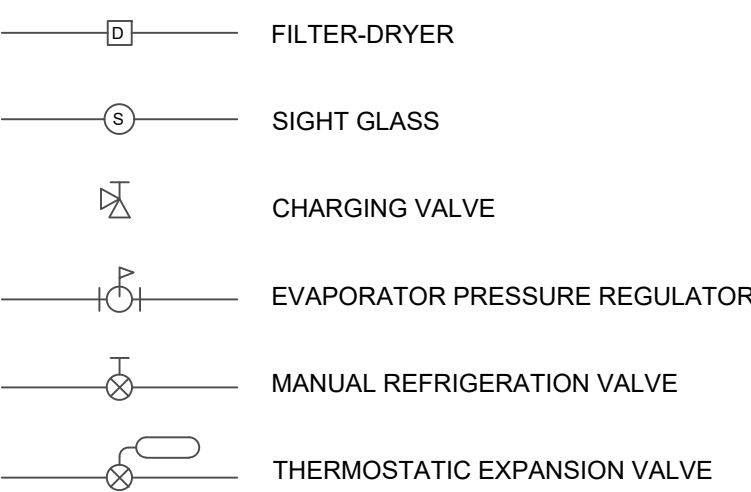
HVAC PIPING



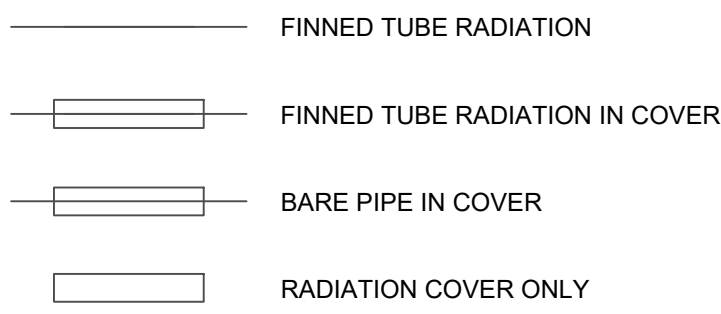
VALVES



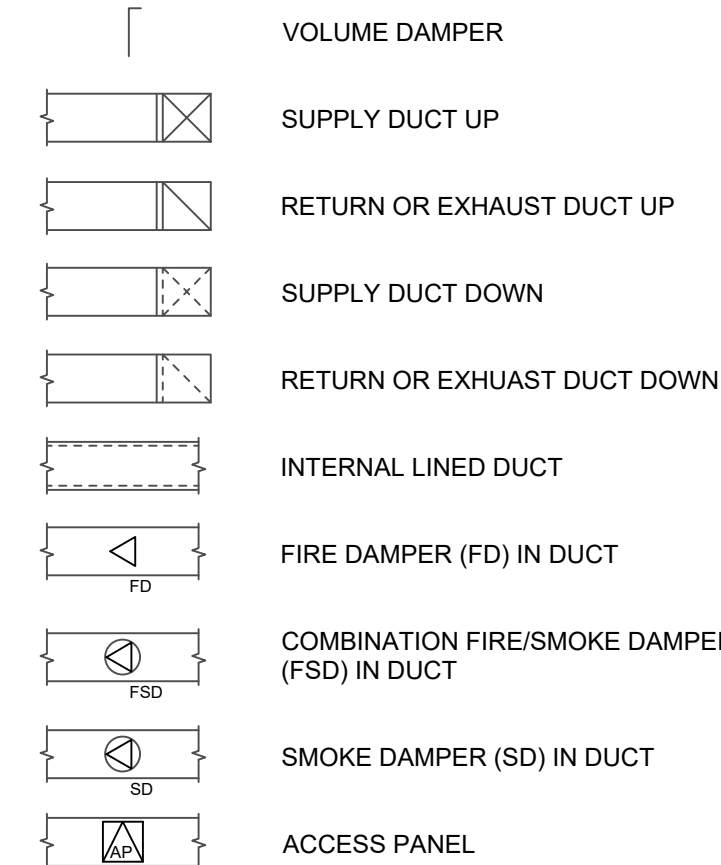
REFRIGERATION VALVES/FITTINGS



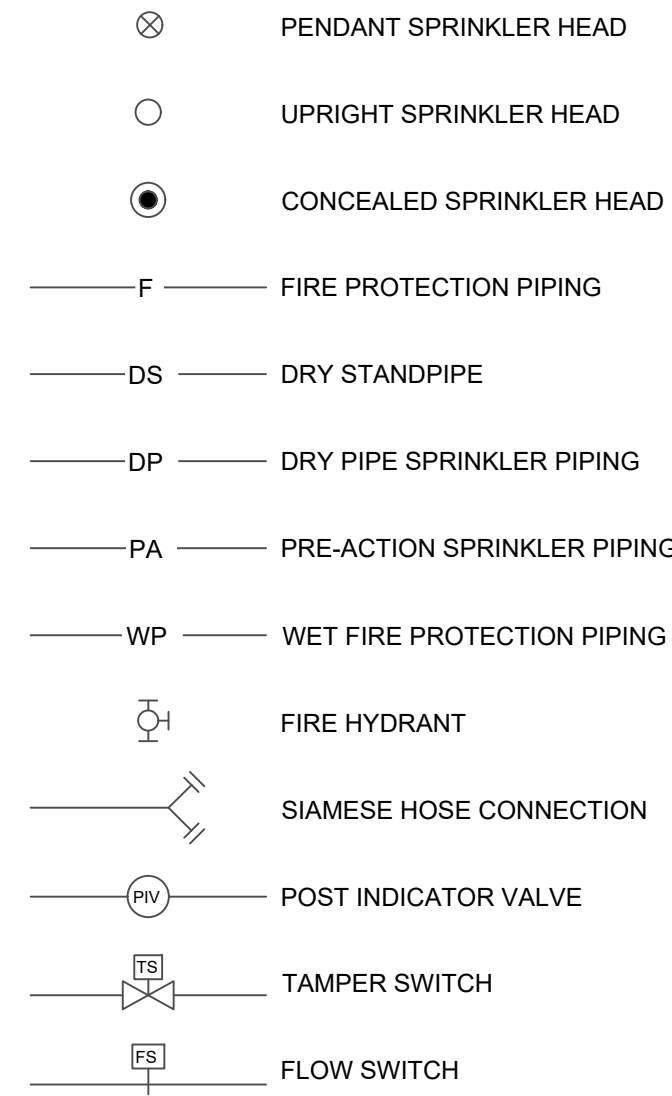
RADIATION SYMBOLS



DUCT SYMBOLS

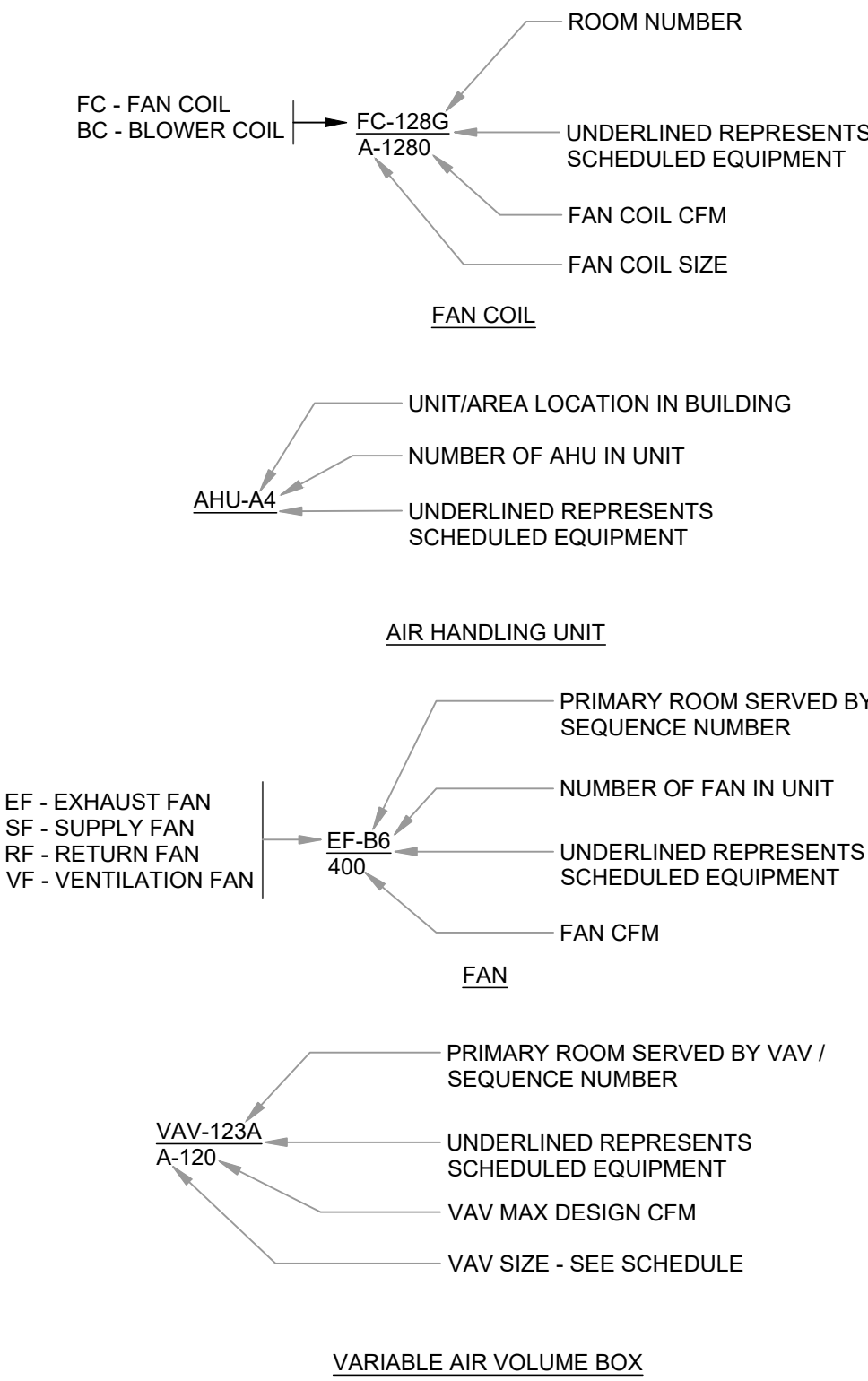


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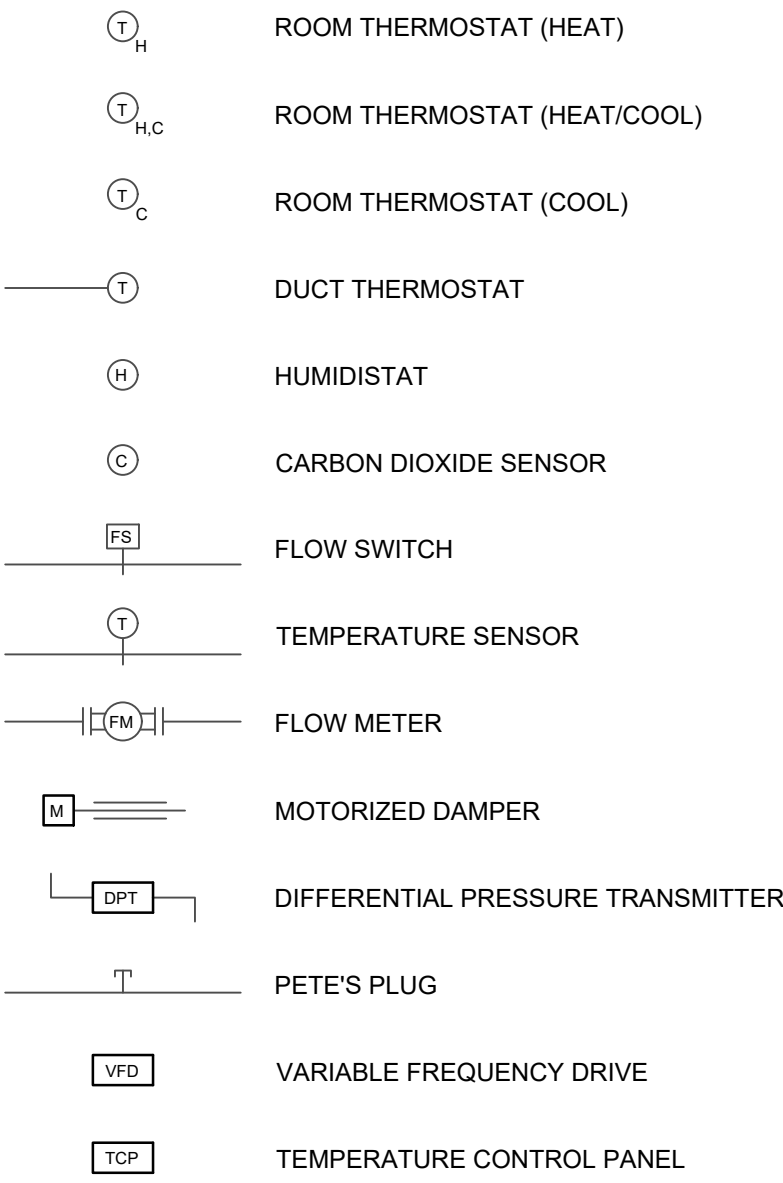


NOMENCLATURE FOR SCHEDULED DEVICES

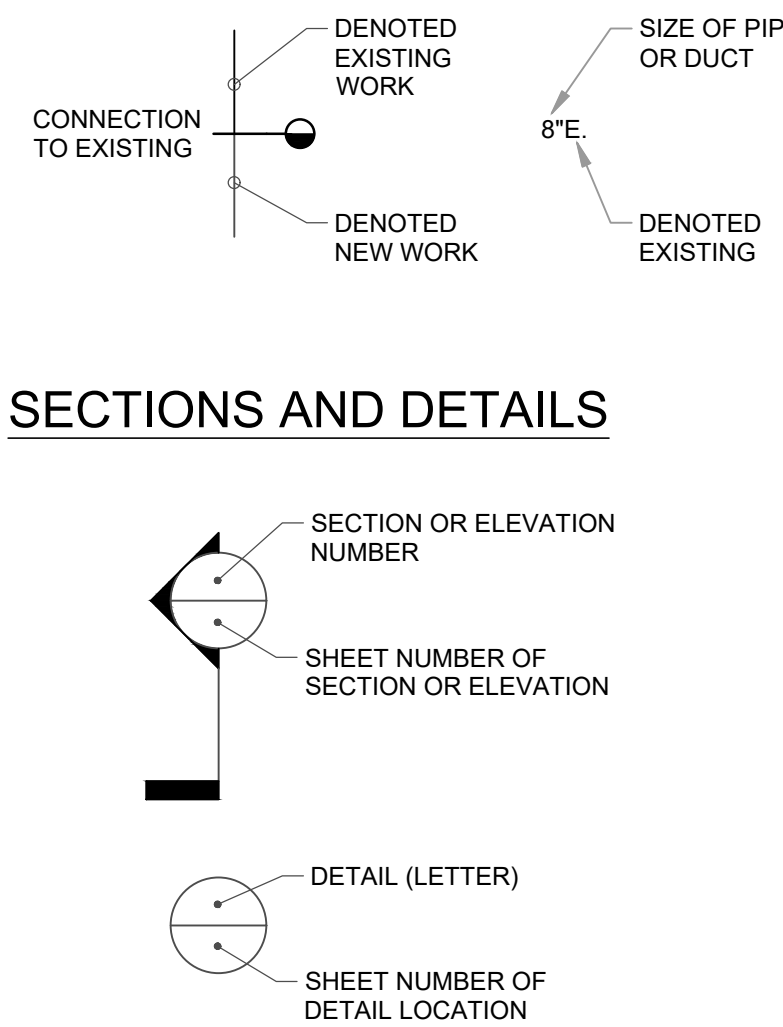
(SEE SCHEULES M600 SERIES DRAWINGS FOR ADDITIONAL INFORMATION)



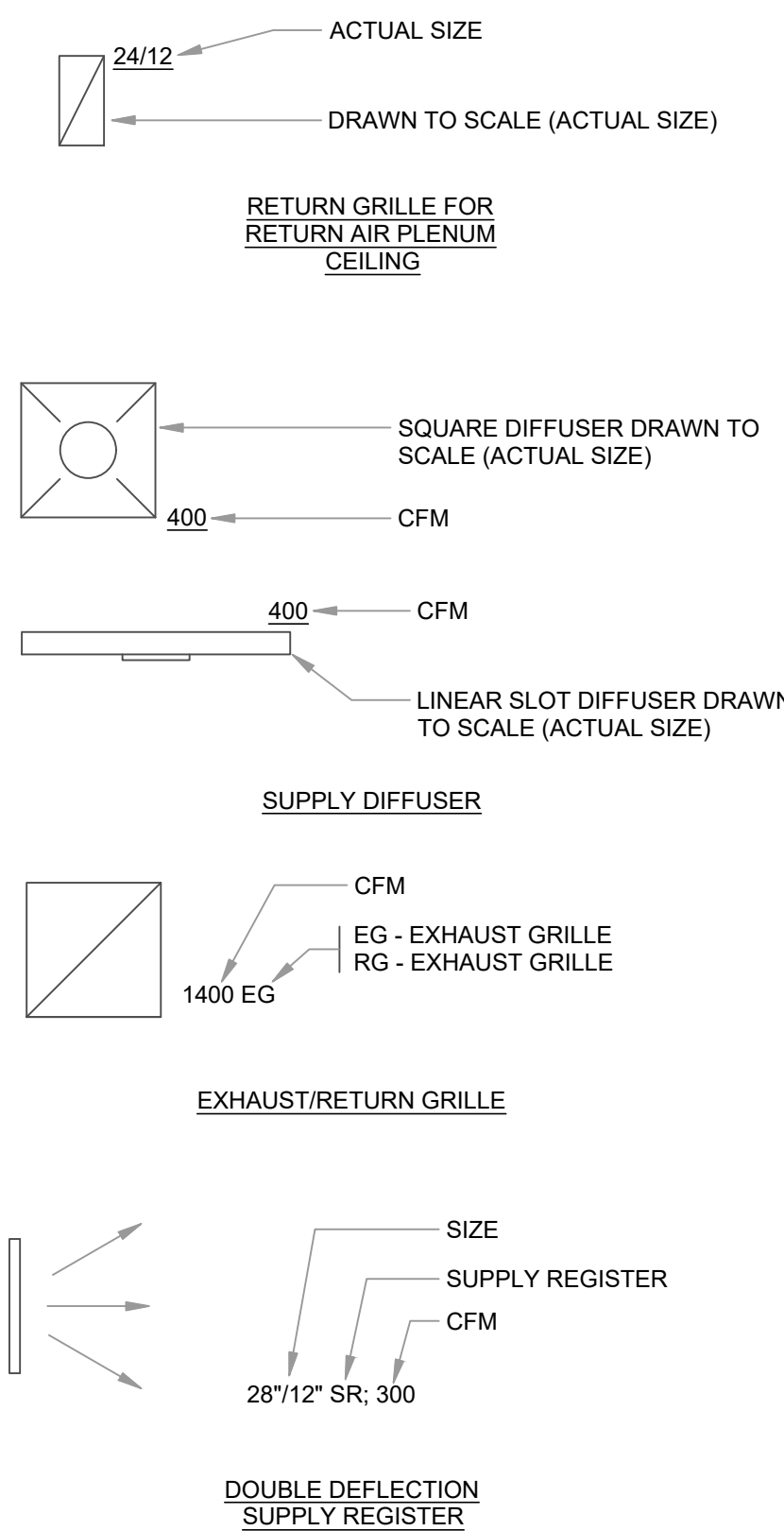
TEMPERATURE CONTROL/MONITORING



DRAWING NOTATIONS



SECTIONS AND DETAILS



ABBREVIATIONS

AD	AREA DRAIN
APC	AUTOMATIC FLOW CONTROL
AFF	ABOVE FINISHED FLOOR
AHR	AIR HOSE REEL
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
AP	ACCESS PANEL
AS	AIR SEPARATOR
BD	BLOWDOWN
BDD	BACKDRAFT/PRESSURE RELIEF DAMPER
BTU	BRITISH THERMAL UNIT
BV	BALANCE VALVE
CB	CATCH BASIN
CI	CAST IRON
CL	CENTERLINE
CO	CLEANOUT
CP	CLOSET FLANGE
COND	CONDENSATE
CONV	HYDRONIC CONVECTOR
CUH	CABINET UNIT HEATER
CW	COLD WATER
DB	DRY BULB
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DS	DOWNSPOUT
DXC	DIRECT EXPANSION COOLING COIL
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EBBR	ELECTRIC BASEBOARD RADIATION
EC	ELECTRICAL CONTRACTOR
EG	EXHAUST GRILLE
ECONV	ELECTRIC CONVECTOR
ECUH	ELECTRIC CABINET UNIT HEATER
EF	EXHAUST FAN
ELEC	ELECTRICAL
ELEV	ELEVATION
EOM	END OF MAIN DRIP
EPUH	ELECTRIC PROPELLER UNIT HEATER
ERCP	ELECTRIC RADIANT CEILING PANEL
ERV	ENERGY RECOVERY VENTILATOR
ESP	EXTERNAL STATIC PRESSURE
EWV	ELECTRIC WATER COOLER
EWV	ELECTRIC WATER HEATER
EXPT	EXPANSION TANK
E	EXISTING
ETR	EXISTING TO REMAIN
FD	FLOOR DRAIN OR FIRE DAMPER
FS	FLOOR SINK
FPVAV	FAN POWERED VAV
FOB	FLAT ON BOTTOM
FSD	COMBINATION FIRE/SMOKE DAMPER
FTR	HYDRONIC FINNED TUBE RADIATION
GC	GENERAL CONTRACTOR
GEN	GENERAL
GFMAU	GAS-FIRED MAKE-UP AIR UNIT
GFPFH	GAS-FIRED PROPELLER UNIT HEATER
HB	HOSE BIBB
HCD	HIGH CAPACITY DRUM LOUVER
HTG	HEATING
HW	HOT WATER
HWR	HOT WATER RETURN
HYD	WALL HYDRANT
ID	INTERNAL DIAMETER
INV. EL.	INVERTED ELEVATION
LAT	LEAVING AIR TEMPERATURE
LBG	LINEAR BAR GRILLE
LBRG	LINEAR BAR RETURN GRILLE
LAV	LAVATORY
MAU	MAKE-UP AIR UNIT
MBH	1000 BTU/HOUR
MECH	MECHANICAL
MH	MANHOLE
MC	MECHANICAL CONTRACTOR
MS	MOP SINK
MUV	AUTOMATIC MAKE-UP VALVE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OAD	OUTSIDE AIR DAMPER
OBD	OPPOSED BLADE DAMPER
OD	OUTSIDE DIAMETER
ORD	OVERFLOW ROOF DRAIN
OSD	OPEN SITE DRAIN
PFHX	PLATE AND FRAME HEAT EXCHANGER
PV	POST INDICATOR VALVE
PLBG	PLUMBING
PRV	PRESSURE REDUCING VALVE
PUH	PROPELLER UNIT HEATER
RA	RETURN AIR
RAD	RETURN AIR DAMPER
RCP	HYDRONIC RADIANT CEILING HEATING PANEL
RCNP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RECIRC	RE-CIRCULATING
RG	RETURN GRILLE
RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
RR	RETURN REGISTER
RIV	ROOF INTAKE VENT
RRV	ROOF RELIEF VENT
SA	SUPPLY AIR
SAN	SANITARY
SD	SINK
SG	SUPPLY GRILLE
SHDR	SHOWER DRAIN
SK	SINK
SR	SUPPLY REGISTER
SS	STAINLESS STEEL
STHX	SHELL AND TUBE HEAT EXCHANGER
TCC	TEMPERATURE CONTROL CONTRACTOR
TCV	TEMPERATURE CONTROL VALVE
TG	TRANSFER GRILLE
TO	TRANSFER OPENING
TP	TRAP PRIMER LINE
TYP	TYPICAL
UR	URINAL
VAV	VARIABLE AIR VOLUME
VCP	VETRIFIED CLAY PIPE
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VS	VENT STACK
VSD	VARIABLE SPEED DRIVE
VTR	VENT THROUGH ROOF
W	WASTE
WB	WET BULB
WC	WATER CLOSET
WS	WASTE STACK

GENERAL NOTES

- THESE NOTES APPLY TO EACH AND EVERY "M" AND "P" SERIES DRAWINGS.
- ALL NEW WORK IS DRAWN DARK. ALL WORK DRAWN LIGHT AND FOLLOWED BY (E.) IS EXISTING.
- ALL WORK SHALL REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE.
- FIELD VERIFY ALL EXISTING CONDITIONS AS TO EXACT SERVICE, LOCATION, TYPE OF MATERIAL, ETC. BEFORE BIDDING AND BEFORE BEGINNING RENOVATION WORK.
- COORDINATE ALL SHUT-DOWNS, DELIVERY, AND STORAGE OF MATERIALS, ETC. WITH OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH ALL OTHER TRADES. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS RELATED TO COORDINATION.
- CONTRACTORS SHALL PROTECT ALL EXISTING OWNER FACILITIES DURING CONSTRUCTION. ANY AND ALL OWNER FACILITIES DAMAGED OR DISCONNECTED BY CONTRACTOR OPERATIONS SHALL BE FULLY RESTORED TO PREVIOUS OPERATING AND APPEARANCE CONDITION BY CONTRACTOR.
- PROVIDE SLEEVES FOR ALL PIPING AND DUCTWORK THAT PENETRATE WALLS, WHETHER SHOWN OR NOT. HOLES THROUGH EXISTING WALLS TO BE CORE DRILLED OR DRILLED WITH HOLE SAW. SEE SPECIFICATIONS.
- ALL UNDERLINED EQUIPMENT IS SCHEDULED.
- REFERENCE M400, AND P400 SERIES DRAWINGS FOR TYPICAL AND SPECIFIC INSTALLATION REQUIREMENTS FOR EQUIPMENT, ETC.
- SMOKING, ALCOHOL, DRUGS, WEAPONS, AND CONTRABAND ARE STRICTLY FORBIDDEN ON JOB SITE PROPERTY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORE DRILLING AND CUTTING HOLES THROUGH WALLS AND FLOORS AS REQUIRED TO INSTALL NEW PIPING AND DUCTWORK, WHETHER SHOWN OR NOT UNLESS SPECIFICALLY NOTED ON "S" SERIES DRAWINGS.
- CONTRACTOR SHALL PROVIDE PLATING AS REQUIRED TO PROTECT SURFACE OF EXISTING ASPHALT PARKING LOT. PROVIDE PLATES UNDER WHEELS OF DUMPSTERS, LIFTING DEVICES AND ANY OTHER EQUIPMENT THAT COULD SINK INTO THE ASPHALT.
- FIELD VERIFY EXACT SIZES OF EXISTING PIPING AND DUCTWORK SYSTEMS SHOWN TO BE CONNECTED TO NEW WORK. IN THE EVENT ACTUAL SIZE IS DIFFERENT THAN SHOWN ON DRAWINGS, CONTACT ENGINEER FOR DIRECTION PRIOR TO ANY WORK.
- LOCATE AIR TERMINAL BOXES, VALVES, METERS, GAUGES, DAMPERS, FANS, ETC., ABOVE LAY-IN CEILING OR IN EXPOSED AREAS. ALL ITEMS REQUIRING SERVICE AND VALVES MUST BE ACCESSIBLE.
- ADHERE ENGRAVED PLASTIC LAMINATE TAGS TO THE ACOUSTICAL LAY-IN CEILING GRID AT ALL LOCATIONS WHERE TERMINAL DEVICES, VALVES, FANS, ETC. ARE LOCATED ABOVE THAT CEILING INDICATING THE EQUIPMENT NOMENCLATURE INSTALLED.
- DO NOT INSTALL DEVICES WHICH REQUIRE SERVICE BEHIND WALLS OR PLASTER CEILINGS OR BAR JOISTS.
- ALL FLOOR OR OUTDOOR MOUNTED EQUIPMENT SHALL BE INSTALLED ON A CONCRETE HOUSEKEEPING PAD. CONCRETE PADS FOR ALL HVAC EQUIPMENT MUST BE A FACTORY MIX (NOT BAG MIXED ON SITE).
- ALL PLUMBING AND MECHANICAL PIPING AND INSULATION MATERIALS INSTALLED IN CEILING RETURN AIR PLENUMS SHALL COMPLY WITH ASTM E84 FOR FLAME-SPREAD RATING OF 25 OR LESS AND SMOKE-DEVELOPED RATING OF 50 OR LESS.
- ADDITIONAL GENERAL NOTES SPECIFIC TO A PARTICULAR DRAWING ARE NOTED ON THOSE DRAWINGS.

D&A #25104

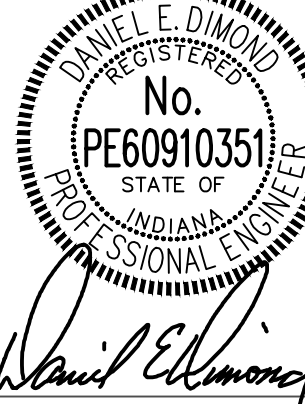
R.E. Dimond
and Associates, Inc.



Consulting Engineers

732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

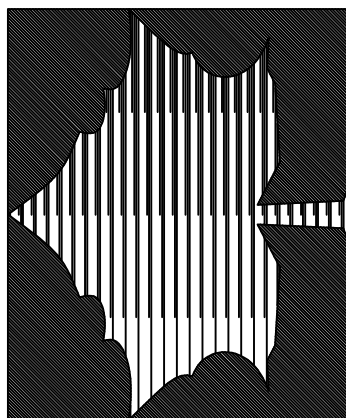
CERTIFIED BY:



REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY:	DED	DESIGNED BY:	DED
SCALE:	REFER TO DRAWING	CHECKED BY:	DED
DATE:	12/10/25	JOB NO.:	DA#25104

SHEET DESCRIPTION:

SYMBOLS AND
ABBREVIATIONS,
GENERAL NOTES -
PLUMBING AND
MECHANICAL

SHEET NUMBER:

PM001

READ AND STUDY
BID FORM 00 20 00,
ALTERNATES 01 23 00,
AND UNIT PRICES 01 23 70
PRIOR TO BID
PRICING TAKE-OFF.

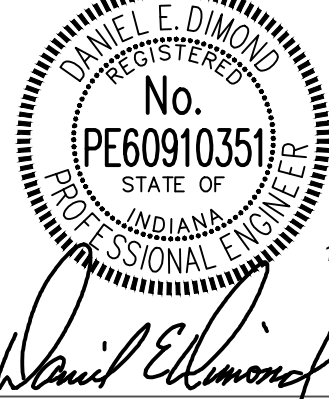
RENOVATION LEGEND:

- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES

1. ALL PIPING ON THIS SHEET SHOWN IS EXISTING, FOR COORDINATION PURPOSES ONLY.
2. SEE ALSO PM001.

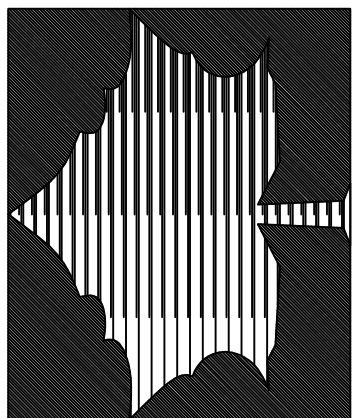
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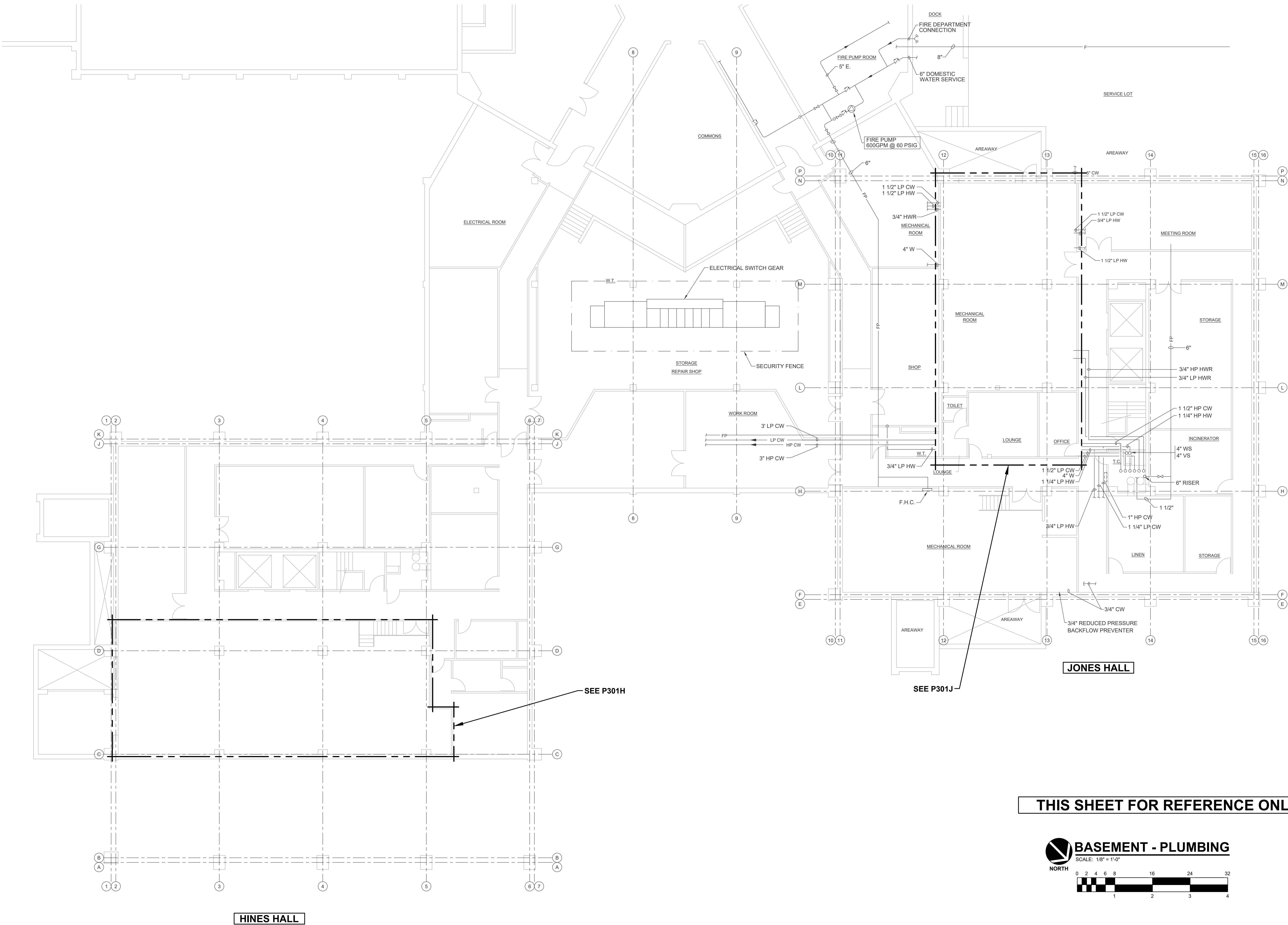
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AMB	AMB
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DATE:	JOB NO.:
12/10/25	DA#25104

SHEET DESCRIPTION:

BASEMENT -
PLUMBING

SHEET NUMBER:

P201



THIS SHEET FOR REFERENCE ONLY.

BASEMENT - PLUMBING
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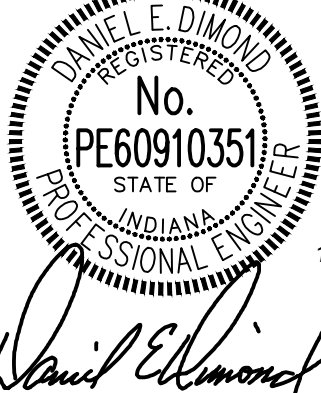
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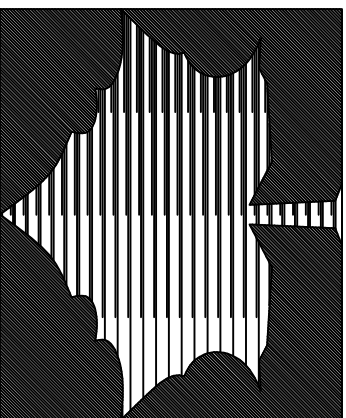
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PROJECT DESCRIPTION:

KEYPLAN



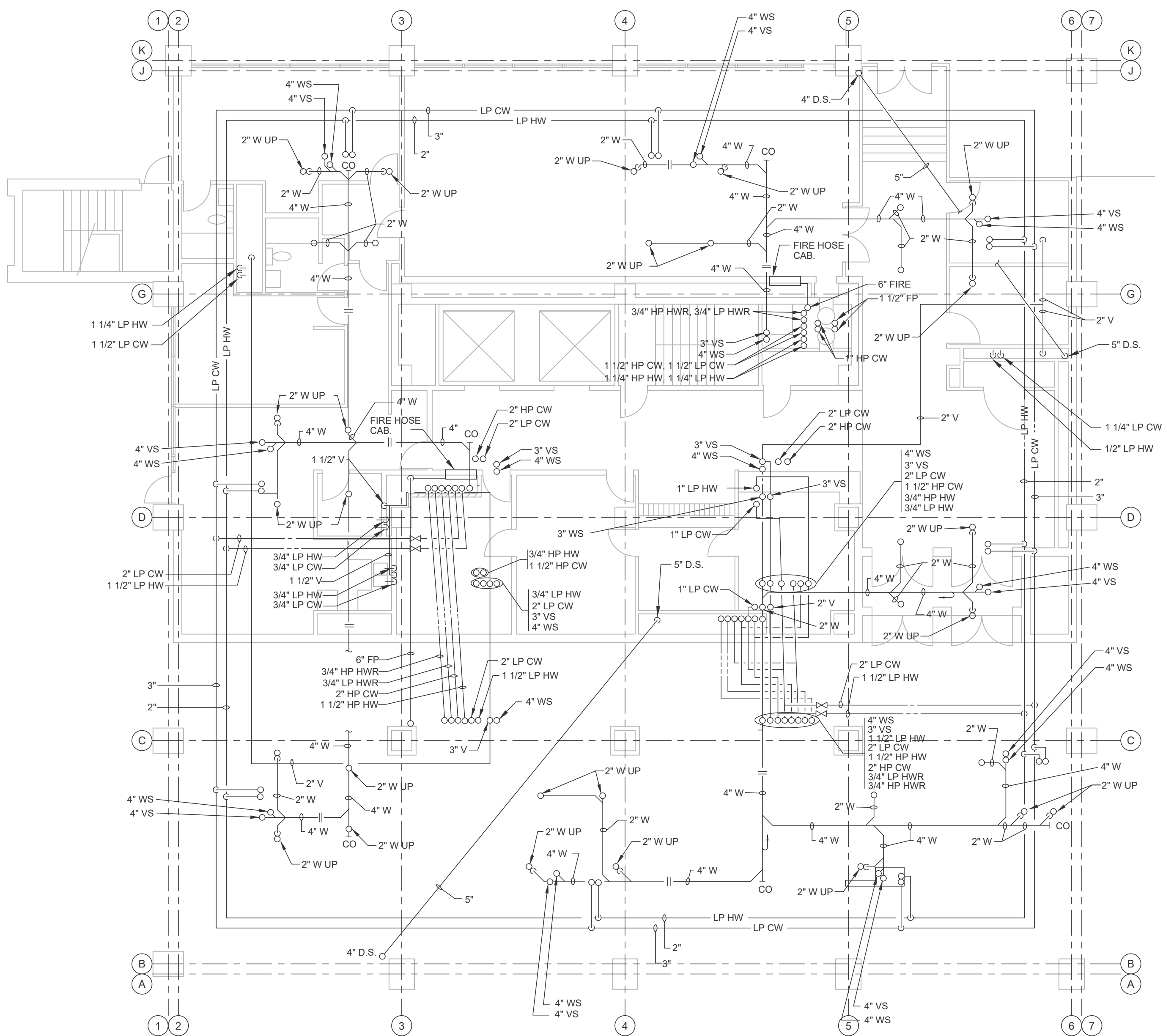
DRAWN BY:	DESIGNED BY:
REFER TO DRAWING	AMB
CHECKED BY:	DED
DATE:	JOB NO.:
12/10/25	DA#25104

SHEET DESCRIPTION:

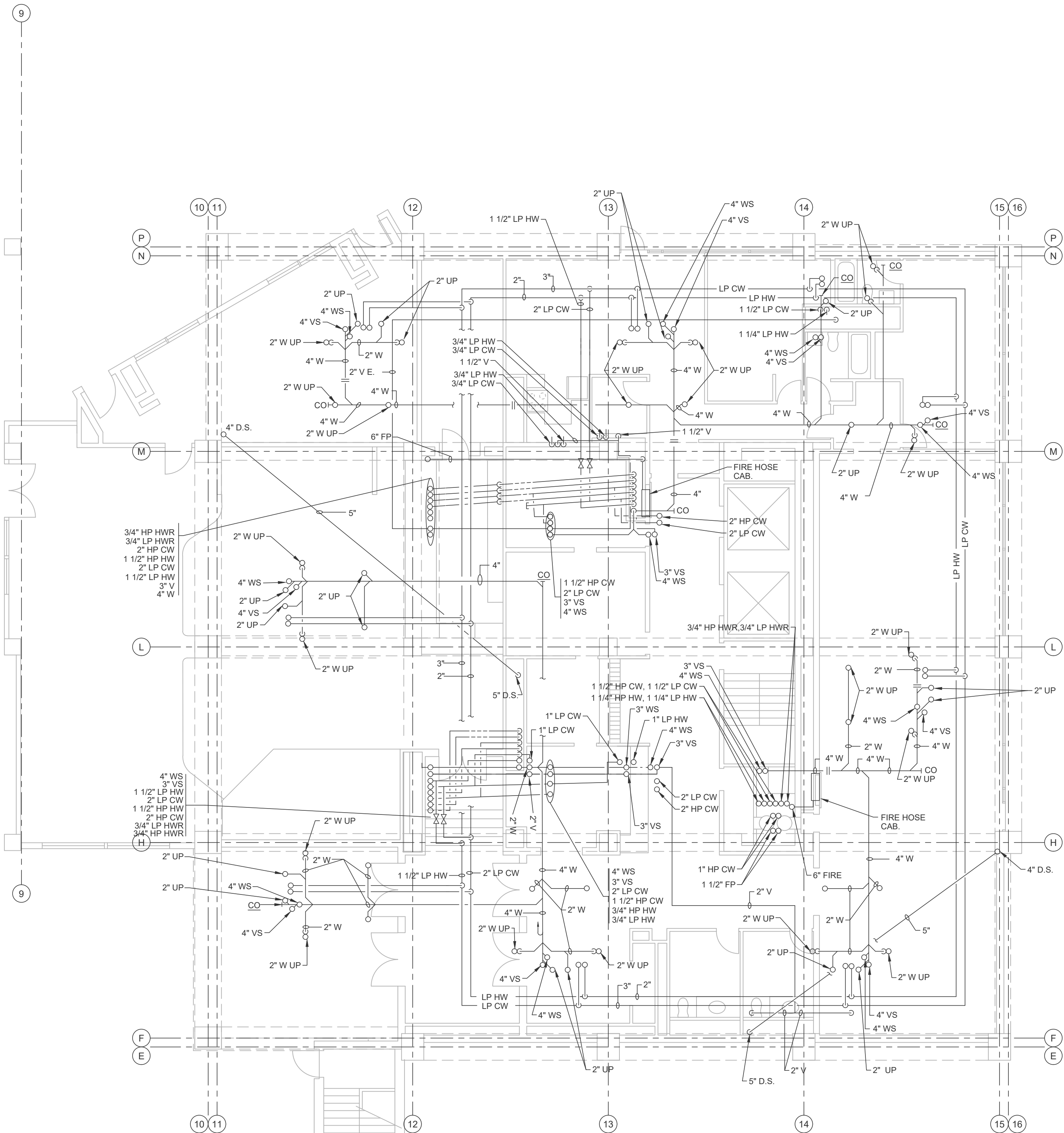
FIRST FLOOR -
PLUMBING

SHEET NUMBER:

P202



HINES HALL



JONES HALL

THIS SHEET FOR REFERENCE ONLY.

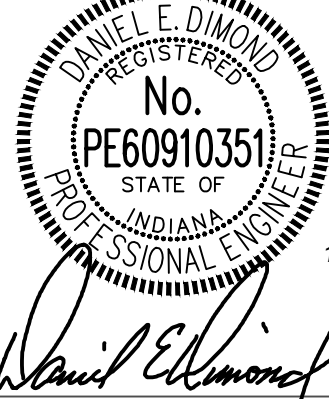


FIRST FLOOR - PLUMBING

SCALE: 1/8" = 1'-0"



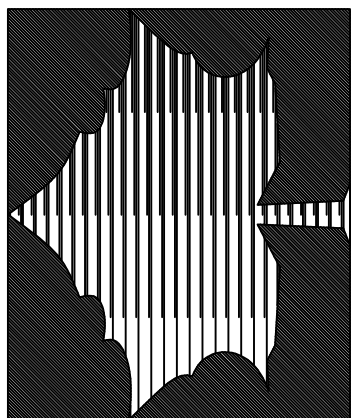
CERTIFIED BY:



REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



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AMB	AMB
SCALE:	CHECKED BY:
REFER TO DRAWING	DED
DATE:	JOB NO.:
12/10/25	DA#25104

SHEET DESCRIPTION:

SECOND THRU NINTH FLOORS -
PLUMBING

SHEET NUMBER:

P203

PLAN NOTES - ELECTRICAL

- EXISTING TELECOM ROOM LOCATED ON THE FIFTH FLOOR. PROVIDE A PATCH PANEL FOR ALL THE NEW LAUNDRY ROOM DATA CABLES. COORDINATE WITH OWNER.
- PROVIDE DEDICATED CAT. 6A DATA CABLES FROM EACH LAUNDRY ROOM ON EACH FLOOR 2 THRU 9 TO THE EXISTING TELECOM ROOM ON THE FIFTH FLOOR. PROVIDE A 20'-0" SERVICE LOOP ABOVE THE CEILING AND RUN THE CABLE DOWN THE WALL IN SURFACE RACEWAY AND PROVIDE A JACK FOR USE BY THE LAUNDRY EQUIPMENT SERVICE PROVIDER. COORDINATE EXACT LOCATION AND REQUIREMENTS IN THE FIELD. UTILIZE EXISTING CABLE RISER SLEEVES THRU FLOORS TO THE FIFTH FLOOR TELECOM ROOM. REPLACE FIRE STOPPING INSIDE SLEEVES. (FOR MONITORING OF USAGE AND BILLING)

RENOVATION LEGEND:

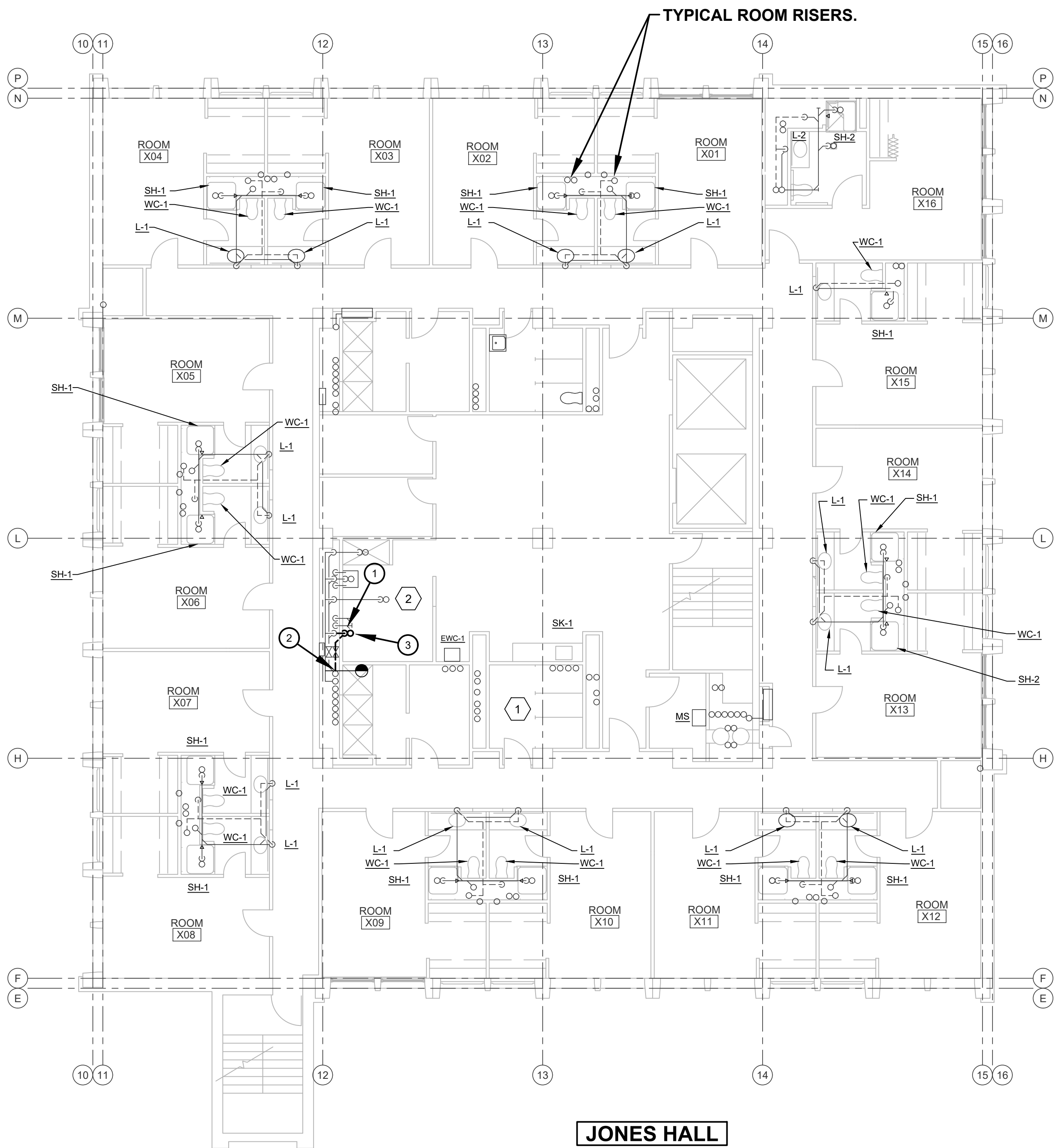
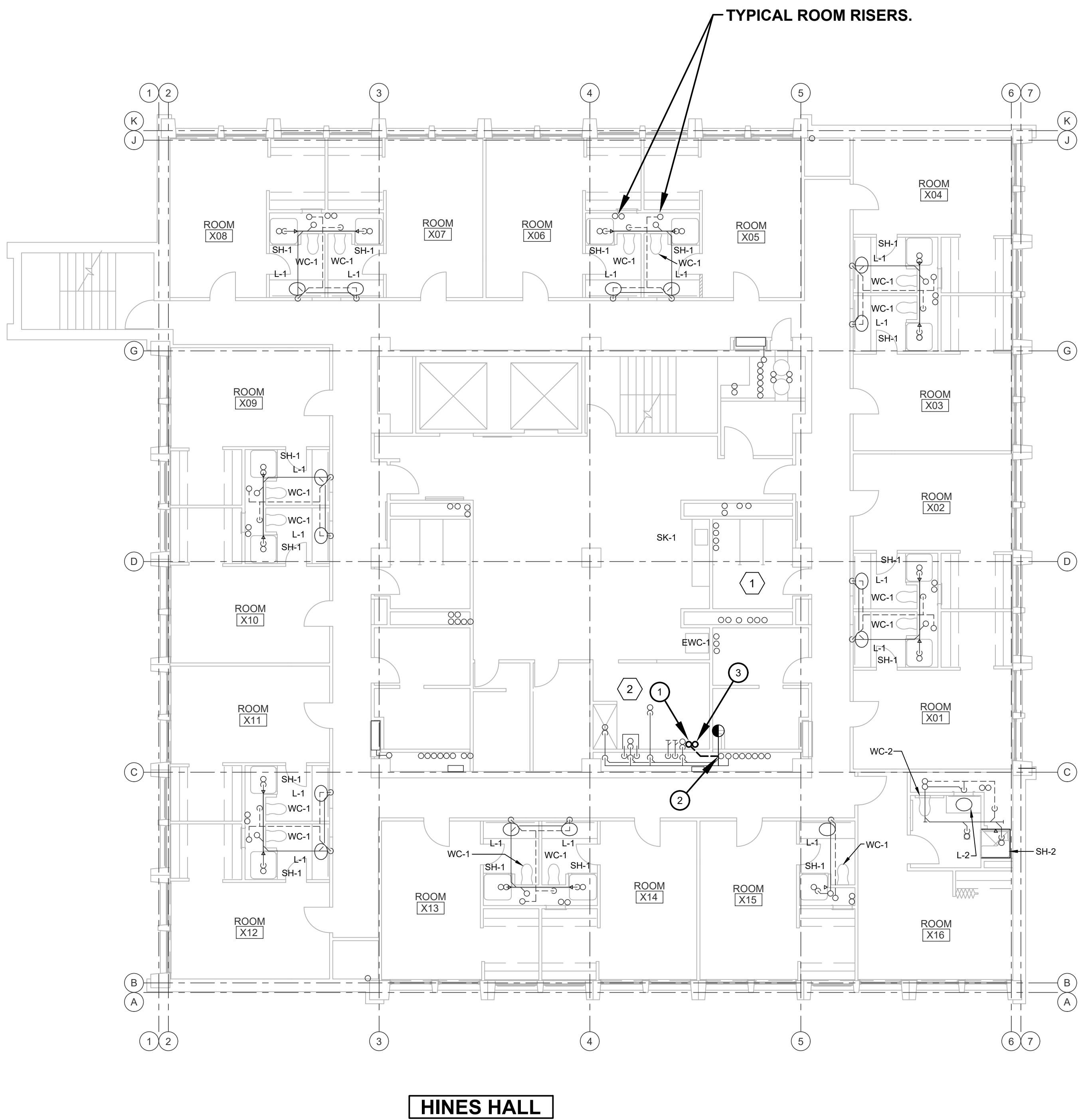
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES

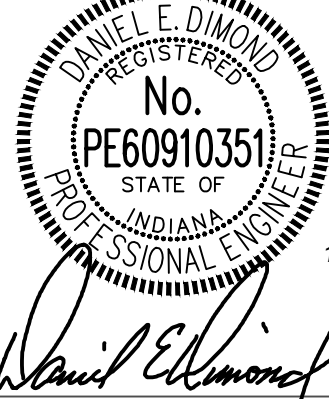
- UNLESS SPECIFICALLY NOTED WITH PLAN NOTE, ALL WORK ON FLOORS 2 THRU 10 IS LIMITED TO WATER CLOSET (WC) FLUSH VALVES, SHOWER (SH) VALVES, AND LAVATORY (LAV) VALVES.
- ALL CORE DRILL HOLES THRU SLAB BY M.C.
- TYPICAL ROOM HW AND CW RISERS ARE LOCATED ON 2ND (LOW PRESSURE) FLOOR AND 7TH (HIGH PRESSURE) FLOOR.
- REFERENCE P621H AND P621J FOR SPECIFIC ROOM DESCRIPTION REQUIREMENTS.
- SEE ALSO PM001.

PLAN NOTES

- WASTE AND VENT STACK - SEE A P401
- CONNECT TO 4" EXISTING WASTE STACK ON 2ND. FLOOR.
- WB-1 - CLOTHES WASHER BOX.



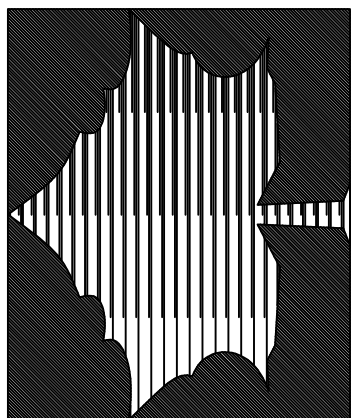
CERTIFIED BY:



REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY:	DESIGNED BY:
AMB	AMB
SCALE:	CHECKED BY:
REFER TO DRAWING	DED
DATE:	JOB NO.:
12/10/25	DA#25104

SHEET DESCRIPTION:

TENTH FLOOR -
PLUMBING

SHEET NUMBER:

P204

PLAN NOTES - ELECTRICAL

- EXISTING TELECOM ROOM LOCATED ON THE FIFTH FLOOR. PROVIDE A PATCH PANEL FOR ALL THE NEW LAUNDRY ROOM DATA CABLES. COORDINATE WITH OWNER.
- PROVIDE A DEDICATED CAT. 6A DATA CABLE FROM THE LAUNDRY ROOM ON FLOOR 10 TO THE EXISTING TELECOM ROOM ON THE FIFTH FLOOR. PROVIDE A 20'-0" SERVICE LOOP ABOVE THE CEILING AND RUN THE CABLE DOWN THE WALL IN SURFACE RACEWAY AND PROVIDE A JACK FOR USE BY THE LAUNDRY EQUIPMENT SERVICE PROVIDER. COORDINATE EXACT LOCATION AND REQUIREMENTS IN THE FIELD. UTILIZE EXISTING CABLE RISER SLEEVES THRU FLOORS TO THE FIFTH FLOOR TELECOM ROOM. REPLACE FIRE STOPPING INSIDE SLEEVES. (FOR MONITORING OF USAGE AND BILLING)

RENOVATION LEGEND:

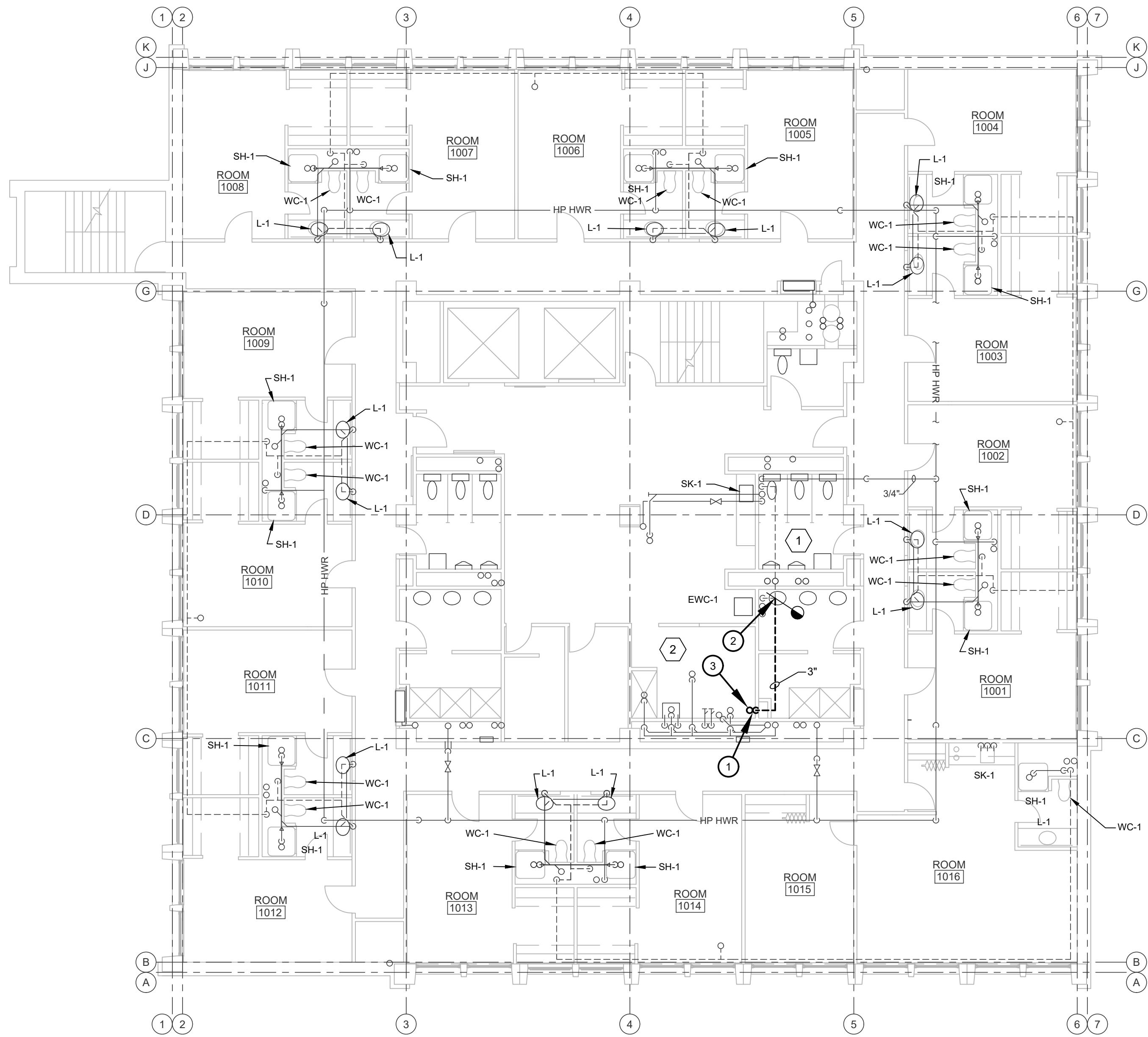
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES

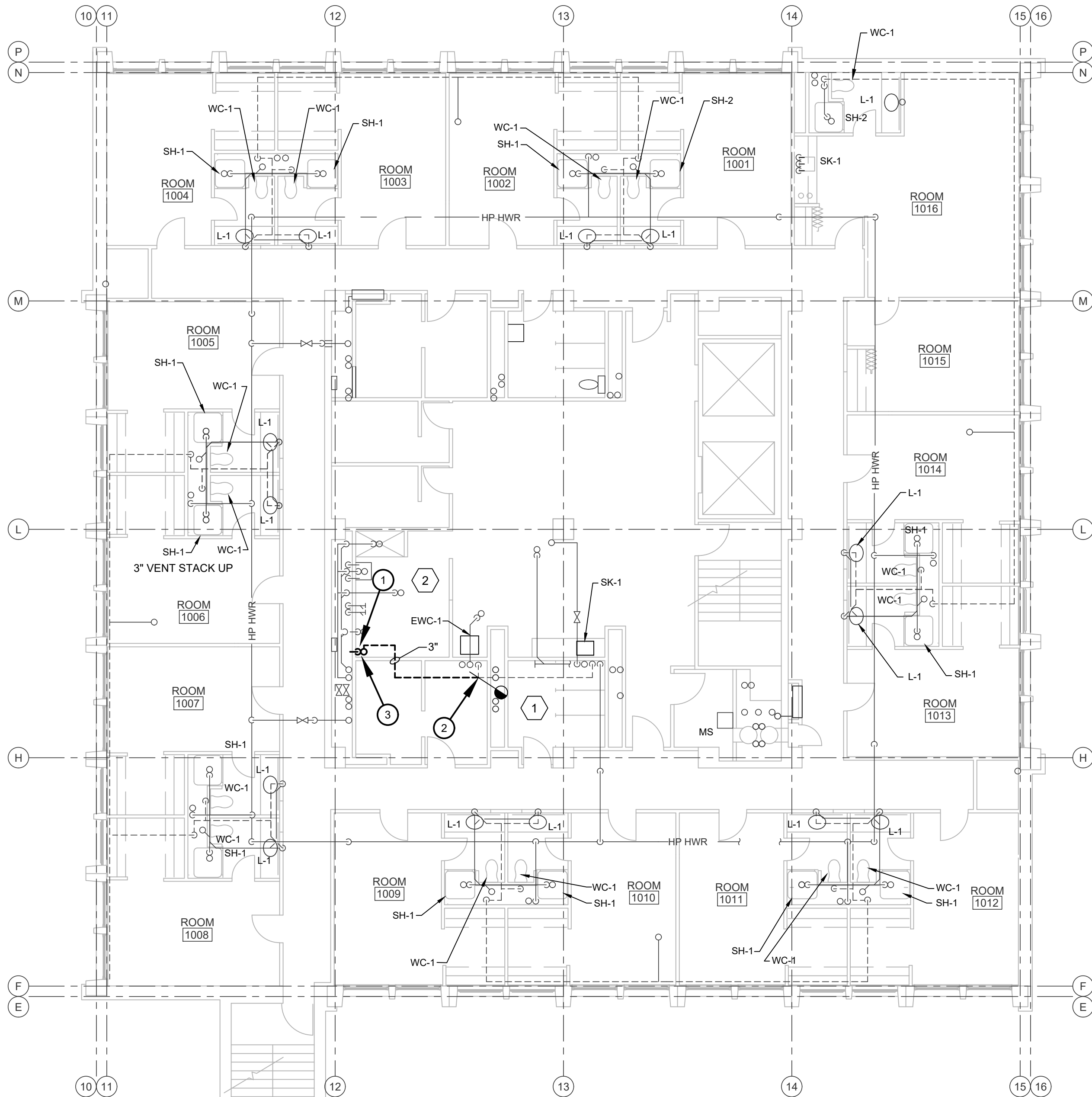
- SEE P203 FOR GENERAL NOTES.
- SEE ALSO PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES

- WASTE AND VENT STACK - SEE P401
- CONNECT TO 4" EXISTING WASTE STACK ON 2ND. FLOOR.
- WB-1 - CLOTHES WASHER BOX.



HINES HALL



JONES HALL

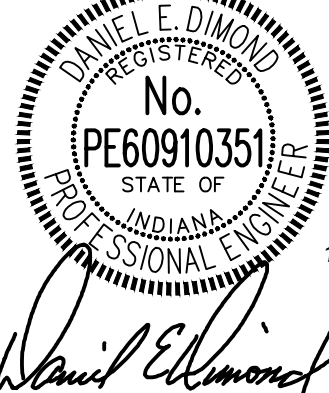


TENTH FLOOR - PLUMBING

SCALE: 1/8" = 1'-0"



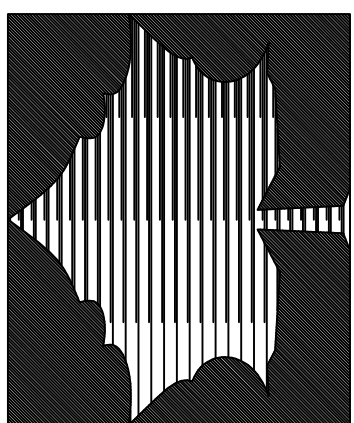
CERTIFIED BY:



REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
 2026 HINES AND JONES HALL REFRESH
 ISU BID #B0028696
 TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY: AMB DESIGNED BY: AMB

SCALE: REFER TO DRAWING CHECKED BY: DED

DATE: 12/10/25 JOB NO.: DA#25104

SHEET DESCRIPTION:

**HINES
 BASEMENT -
 PLUMBING**

SHEET NUMBER:

P301H

RENOVATION LEGEND:

- ☐ WORK TO BE INSTALLED
☐ WORK TO REMAIN

GENERAL NOTES

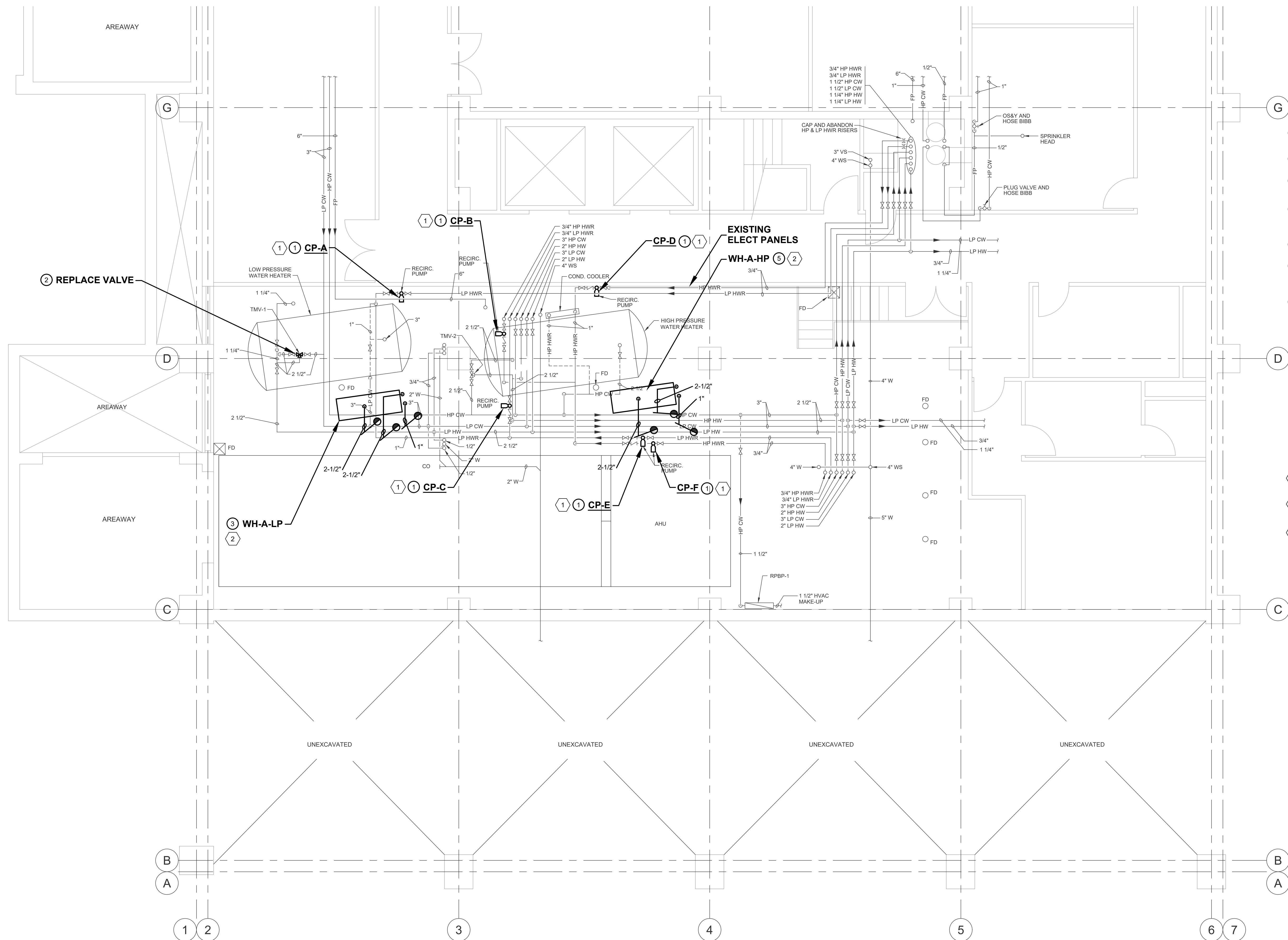
- ALL WORK ON THIS DRAWING IS DENOTED BY PLAN NOTES.
- SEE ALSO PM001.

PLAN NOTES

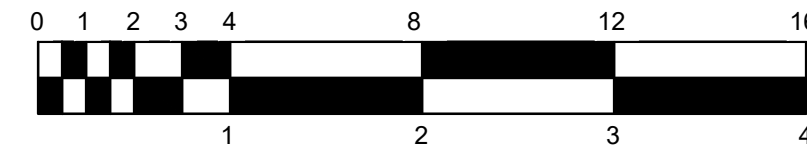
- REPLACE CIRCULATION PUMP WITH SIMILAR MODEL. ELECTRICAL CONNECTIONS TO BE DONE BY E.C.
- REPLACE THERMOSTATIC MIXING VALVE, REPLACE ALL RELATED CALCIFIED PIPING. IF LOW PRESSURE STEAM WATER HEATER ALTERNATE IS ACCEPTED. THIS WORK IS NOT TO BE COMPLETED.
- ALTERNATE**
INSTALL NEW INSTANTANEOUS STEAM WATER HEATER FOR LOW PRESSURE DOMESTIC WATER. SEE M-SERIES DRAWINGS FOR STEAM CONNECTIONS AND DETAILS.
- ALTERNATE**
REMOVE STEAM TANK LP WATER HEATER.
- ALTERNATE**
INSTALL NEW INSTANTANEOUS STEAM WATER HEATER FOR HIGH PRESSURE DOMESTIC WATER. SEE M-SERIES DRAWINGS FOR STEAM CONNECTIONS AND DETAILS.
- ALTERNATE**
REMOVE STEAM TANK HP WATER HEATER.

PLAN NOTES - ELECTRICAL

- DISCONNECT AND RECONNECT ELECTRICAL WIRING FOR REPLACEMENT CIRC PUMP. REPLACE MANUAL MOTOR STARTER. WIRE THRU AQUASTAT FOR CONTROL.
- PROVIDE A DEDICATED 120V CIRCUIT FROM NEAREST PANEL WATER HEATER. (ALTERNATE BID)

**HINES BASEMENT - PLUMBING**

SCALE: 1/4" = 1'-0"



RENOVATION LEGEND:

- ☐ WORK TO BE INSTALLED
☐ WORK TO REMAIN

GENERAL NOTES

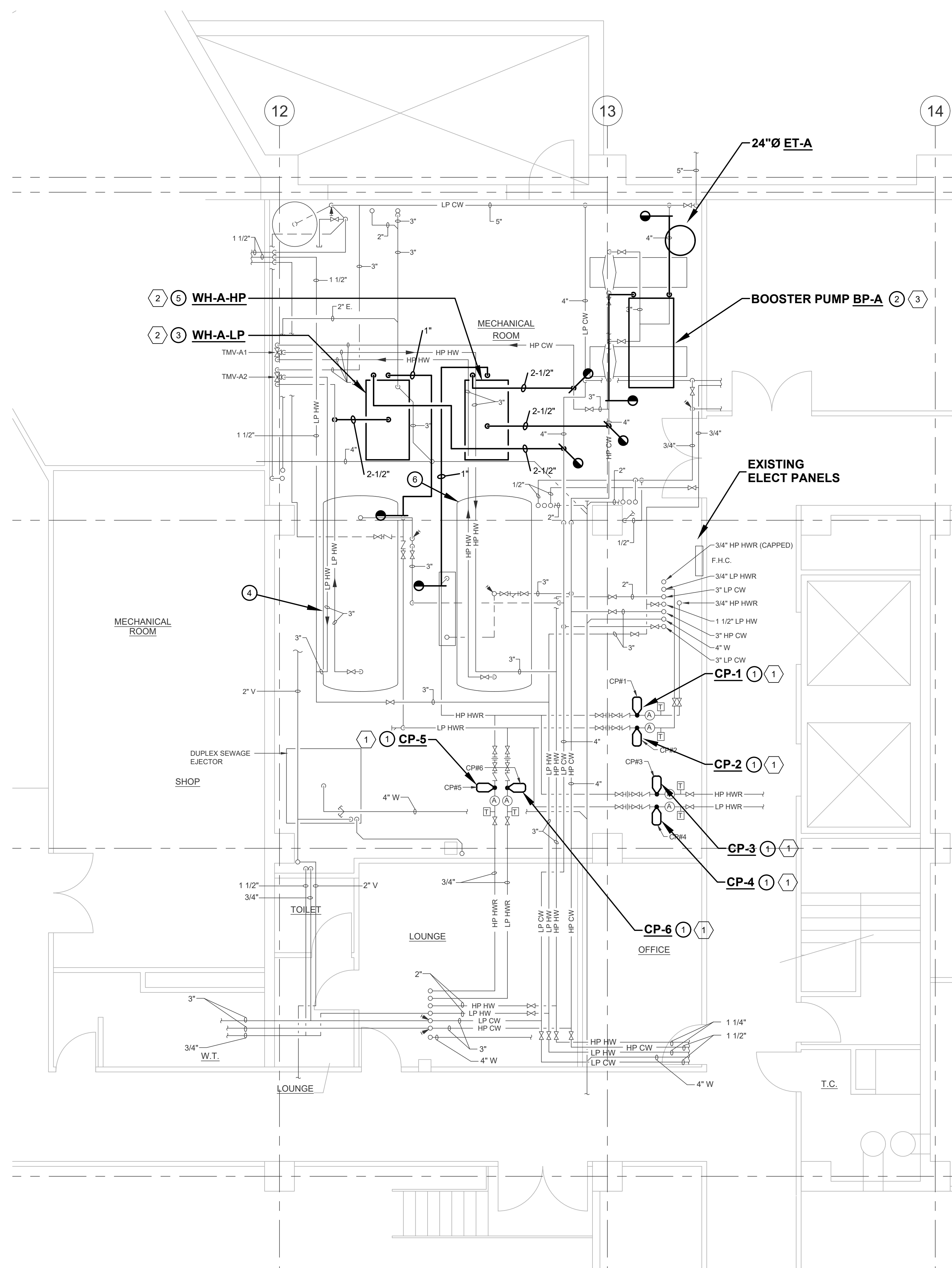
- ALL WORK ON THIS DRAWING IS DENOTED BY PLAN NOTES.
- SEE ALSO PM001.

PLAN NOTES

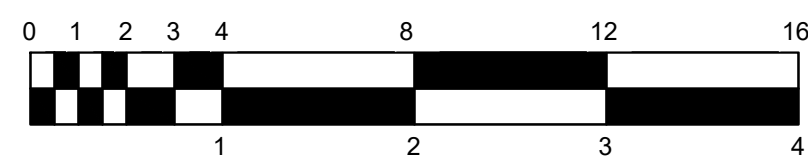
- REPLACE CIRCULATION PUMP WITH SIMILAR MODEL, ELECTRICAL CONNECTIONS TO BE DONE BY E.C.
- REMOVE DOMESTIC WATER BOOSTER PUMP. REPLACE WITH VFD BOOSTER PUMP BP-A. CONNECT HEADERS TO EXISTING PIPING WHERE SHOWN. INSTALL EXPANSION TANK CONNECTED TO OUTLET OF NEW PUMP. ELECTRICAL CONNECTIONS TO BE DONE BY E.C.
- ALTERNATE**
INSTALL NEW INSTANTANEOUS STEAM WATER HEATER FOR LOW PRESSURE DOMESTIC WATER. SEE M-SERIES DRAWINGS FOR STEAM CONNECTIONS AND DETAILS.
- ALTERNATE**
REMOVE LP WATER HEATER.
- ALTERNATE**
INSTALL NEW INSTANTANEOUS STEAM WATER HEATER FOR HIGH PRESSURE DOMESTIC WATER. SEE M-SERIES DRAWINGS FOR STEAM CONNECTIONS AND DETAILS.
- ALTERNATE**
REMOVE HP WATER HEATER.

PLAN NOTES - ELECTRICAL

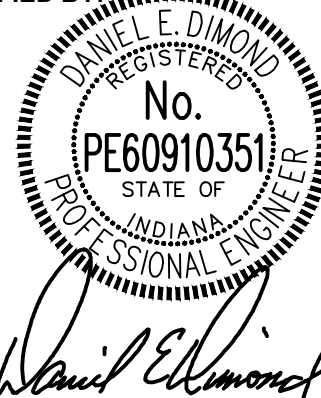
- DISCONNECT AND RECONNECT ELECTRICAL WIRING FOR REPLACEMENT CIRC PUMP. REPLACE MANUAL MOTOR STARTER. WIRE THRU AQUASTAT FOR CONTROL.
- PROVIDE A DEDICATED 120V CIRCUIT FROM NEAREST PANEL WATER HEATER. (ALTERNATE BID)
- DISCONNECT AND RECONNECT ELECTRICAL WIRING FOR REPLACEMENT BOOSTER PUMP PACKAGE. REWORK AS REQUIRED. 200A, 208V, 3Ø CIRCUIT.

**JONES BASEMENT - PLUMBING**

SCALE: 1/4" = 1'-0"

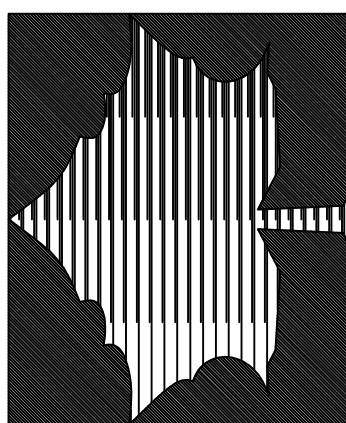


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**REVISIONS:**

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
 ISU BID #B0028696
 TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY:	DED	DESIGNED BY:	DED
SCALE:	REFER TO DRAWING	CHECKED BY:	DED
DATE:	12/10/25	JOB NO.:	DA#25104

SHEET DESCRIPTION:

JONES
BASEMENT -
MECHANICAL

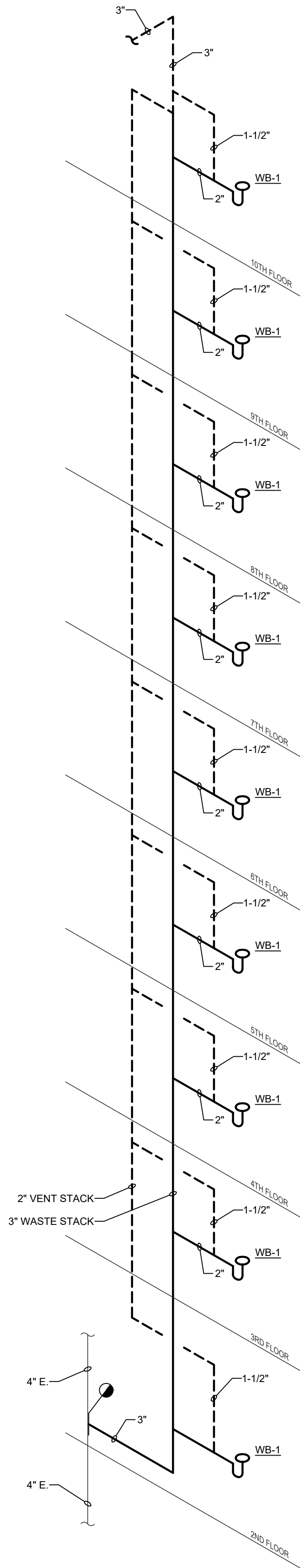
SHEET NUMBER:

P301J



PLUMBING EQUIPMENT SCHEDULE								
MARK NO.	SPECIFICATION NAME	MANUFACTURER & MODEL NO.	ELECTRICAL DATA			GAS LOAD (BTU)	CAPACITY	REMARKS
			LOAD	VOLTS	PHASE			
BP-A	DOMESTIC BOOSTER PUMP	GRUNDFOS HYDRO-MPC 3CRE 45-2	(3) 15 HP	480	3 PH	-	175 GPM PER PUMP, 50 PSI BOOST, 2 ACTIVE, 1 STAND-BY	-
ET-A	EXPANSION TANK	WELL-X-TROL #WX-405C	-	-	-	-	TANK VOLUME = 90 GALLONS	-
TMV-A	THERMOSTATIC MIXING VALVE	BRADLEY NAVIGATOR #S59-2130	-	-	-	-	52 GPM @ 8 PSI DROP	MOUNT AT 24" A.F.F.
CP-#	CIRCULATION PUMP	BELL AND GOSSET	-	-	-	-	REPLACE PUMP WITH SIMILAR CAPACITY AS EXISTING PUMP	AQUASTAT SET POINTS ON: 110°F OFF: 117°F
WH-A	INSTANTANEOUS STEAM WATER HEATER	ARMSTRONG #DF665DW50	20A	120	1 PH	-	63 GPM @ 100" Δ I, 2" WATER CONNECTIONS	3" STEAM INLET AT 15 PSIG

FIXTURE ROUGH-IN SCHEDULE & MOUNTING HEIGHTS							
MARK NO.	FIXTURE DESCRIPTION	CW	HW	TRAP	W	V	MOUNTING HEIGHTS
WC-1	WATER CLOSET - REPLACEMENT FLUSH VALVE	1"	-	-	-	-	-
L-1	LAVATORY - COUNTERTOP, REPLACEMENT FAUCET	1/2"	1/2"	-	-	-	-
SH-1	SHOWER	1/2"	1/2"	-	-	-	-
SH-2	SHOWER - ADA, WITH HAND WAND	1/2"	1/2"	-	-	-	-
WB-1	CLOTHES WASHER BOX	-	-	2"	2"	1-1/2"	48" ABOVE FINISH FLOOR



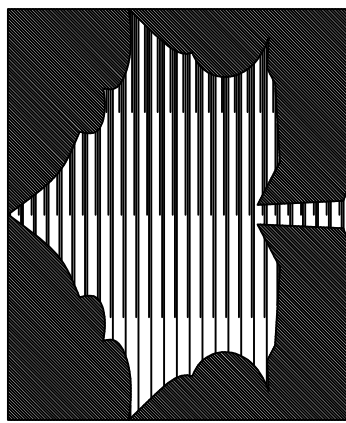
RISER 'A'
WASTE AND VENT DIAGRAM
NO SCALE

CERTIFIED BY:

12/10/25

REVISIONS:		
NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY: AMB	DESIGNED BY: AMB
SCALE: REFER TO DRAWING	CHECKED BY: DED
DATE: 12/10/25	JOB NO.: DA#25104

SHEET DESCRIPTION:
**SCHEDULES
AND DETAILS -
PLUMBING**

SHEET NUMBER:

P401

TYPICAL FLOOR BATHROOM						
ROOM NUMBER	WORK DESCRIPTION					
	L-1 FAUCET		WC-1 FLUSH VALVE		SH-1 / SH-2	
	REBUILD	REPLACE	REBUILD	REPLACE	REPLACE SHOWER HEAD	REPLACE SHOWER VALVE
2ND FLOOR						
201						
202						X
203						
204						
205						
206						
207						
208						X
209						
210						
211						
212						
213						
214						
215						
216 (ADA)						
3RD FLOOR						
301						X
302						
303						X
304						X
305						X
306						
307					X	X
308						
309						
310						
311						X
312					X	X
313			X			
314						
315						
316 (ADA)	X					X
4TH FLOOR						
401						
402						
403						X
404						
405						
406						
407						
408						
409						X
410						
411		X			X	X
412						X
413						X
414						
415	X					X
416 (ADA)						X
5TH FLOOR						
501						X
502						X
503						
504						
505						
506						
507						
508					X	X
509						X
510						
511						
512						
513						
514					X	X
515						
516 (ADA)						
6TH FLOOR						
601						X
602						
603						X
604						X
605					X	X
606	X					
607					X	X
608						
609						
610					X	X
611						X
612						
613					X	X
614						X
615						X
616 (ADA)						

TYPICAL FLOOR BATHROOM						
ROOM NUMBER	WORK DESCRIPTION					
	L-1 FAUCET		WC-1 FLUSH VALVE		SH-1 / SH-2	
	REBUILD	REPLACE	REBUILD	REPLACE	REPLACE SHOWER HEAD	REPLACE SHOWER VALVE
7TH FLOOR						
701						X
702						
703	X					X
704						
705	X					
706						
707						X
708						X
709	X					
710						
711	X					X
712						X
713						
714						X
715						X
716 (ADA)						X
8TH FLOOR						
801						
802						
803						
804						
805						
806	X					
807		X				
808						
809						X
810						
811	X					
812						
813					X	X
814					X	X
815						
816 (ADA)						
9TH FLOOR						
901						X
902					X	X
903						X
904		X				X
905	X					
906						
907						X
908	X					X
909						X
910						
911						
912	X				X	X
913						X
914			X		X	X
915						
916 (ADA)						X
10TH FLOOR						
1001						
1002						
1003						X
1004						
1005	X					X
1006						
1007	X					X
1008						X
1009						X
1010						X
1011						X
1012						
1013						X
1014						X
1015						

WORK DESCRIPTION:

REBUILD FAUCET

REMOVE FAUCET FROM COUNTER TOP. REMOVE AND REPLACE CERAMIC CARTERAGE STOPS FROM COLD AND HOT WATER CONNECTION. REMOVE AND REPLACE AERATOR FROM OUTLET OF FAUCET.

REPLACE FAUCET

REMOVE OLD FAUCET AND INSTALL NEW FAUCET. RECONNECT TO EXISTING WALL ROUGH-INS AND REPLACE ANY NON-FUNCTIONAL AND NECESSARY TRIM.

REBUILD FLUSH VALVE

VERIFY CONDITION OF EXISTING FLUSH VALVE. WHERE NEEDED TIGHTEN EXISTING THREADED CONNECTIONS TO STOP TOILET FROM LEAKING. IN THE CASE OF A TOILET NOT FLUSHING, REMOVE DIAPHRAM FROM FLUSH VALVE AND INSTALL NEW DIAPHRAM. IF REBUILDING OF VALVE DOES NOT SOLVE ISSUE, REPLACEMENT OF THE VALVE WILL BE NECESSARY.

REPLACE FLUSH VALVE

REMOVE AND REPLACE FLUSH VALVE. RECONNECT TO EXISTING WALL ROUGH-INS AND REPLACE ANY NON-FUNCTIONAL AND NECESSARY TRIM.

REPLACE SHOWER HEAD

VERIFY CONDITION OF EXISTING SHOWER HEAD. IF SHOWER HEAD IS LEAKING WHEN RUNNING, TIGHTEN THREADED CONNECTION OR SEAL CONNECTION. IF HEAD IS MISSING, REPLACE WITH THE SPECIFIED SHOWER HEAD.

REBUILD SHOWER VALVE

REMOVE AND REPLACE SHOWER STOP CARTRIDGES. REMOVE AND REPLACE SHOWER MIXING VALVE.

REPLACE SHOWER VALVE

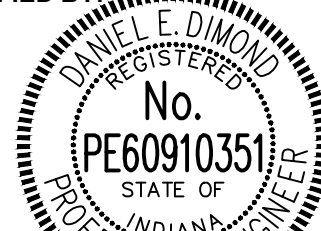
REMOVE AND REPLACE SHOWER CONTROL VALVE. CONNECT TO EXISTING PIPING IN PLUMBING CHASE. REMOVE PORTION OF FRONT OF SHOWER STALL. INSTALL NEW COVER PLATE HIDING ANY CUTS OR EXPOSED PORTIONS OF CHASE WALL AFTER INSTALLATION.

NOTE:

1. IF SHOWER VALVES ARE NOT REBUILT OR REPLACED, THEN THE SHOWER STOPS WILL BE REPLACED.



CERTIFIED BY:



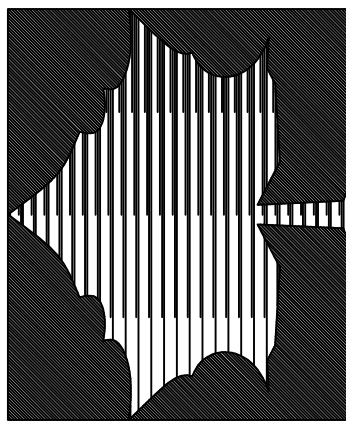
12/19/25

David E. Dimond

REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY: DED	DESIGNED BY: DED
SCALE: REFER TO DRAWING	CHECKED BY: DED
DATE: 12/10/25	JOB NO.: DA#25104

SHEET DESCRIPTION:

HINES
WORK SCHEDULE -
PLUMBING

SHEET NUMBER:

P621H

TYPICAL FLOOR BATHROOM							
ROOM NUMBER	WORK DESCRIPTION						
	L-1 FAUCET		WC-1 FLUSH VALVE		SH-1 / SH-2		
	REBUILD	REPLACE	REBUILD	REPLACE	REPLACE SHOWER HEAD	REBUILD SHOWER VALVE	REPLACE SHOWER VALVE
2ND FLOOR							
201			X			X	
202				X	X		X
203							
204			X			X	
205				X	X		X
206	X			X		X	
207			X			X	
208						X	
209						X	
210							
211				X		X	
212			X		X		X
213	X		X		X		X
214			X		X		X
215	X				X		X
216 (ADA)	X		X		X		X
3RD FLOOR							
301			X			X	
302			X			X	
303				X		X	
304							
305							
306							
307							
308	X				X		X
309					X		X
310			X			X	
311						X	
312			X		X		X
313			X		X		X
314		X			X		X
315					X		X
316 (ADA)				X	X		X
4TH FLOOR							
401						X	
402	X					X	
403						X	
404					X		X
405	X						
406	X					X	
407							
408							
409	X				X		X
410			X			X	
411							
412	X				X		X
413					X		X
414					X		X
415	X				X		X
416 (ADA)					X		X
5TH FLOOR							
501							
502						X	
503					X		X
504							
505						X	
506					X		X
507							
508	X			X	X		X
509		X			X		X
510		X					
511				X		X	
512					X		X
513					X		X
514				X	X		X
515	X				X		X
516 (ADA)	X			X	X		X
6TH FLOOR							
601	X					X	
602	X				X		X
603	X					X	
604	X				X		X
605		X				X	
606		X		X	X		X
607							
608					X		X
609					X		X
610				X		X	
611	X				X		X
612		X			X		X
613				X	X		X
614		X		X	X		X
615	X			X	X		X
616 (ADA)	X			X	X		X

TYPICAL FLOOR BATHROOM							
ROOM NUMBER	WORK DESCRIPTION						
	L-1 FAUCET		WC-1 FLUSH VALVE		SH-1 / SH-2		
	REBUILD	REPLACE	REBUILD	REPLACE	REPLACE SHOWER HEAD	REBUILD SHOWER VALVE	REPLACE SHOWER VALVE
7TH FLOOR							
701				X	X		X
702				X	X		X
703	X			X	X		X
704						X	
705				X	X		X
706	X				X		X
707							
708	X				X		X
709		X				X	
710				X	X		X
711							
712					X		X
713	X				X		X
714	X				X		X
715				X	X		X
716 (ADA)		X		X	X		X
8TH FLOOR							
801					X		X
802							
803				X		X	
804				X	X		X
805		X				X	
806		X					
807				X			
808						X	
809	X						
810	X			X	X		X
811					X		X
812	X				X		X
813				X	X		X
814	X			X	X		X
815				X	X		X
816 (ADA)	X			X	X		X
9TH FLOOR							
901				X	X		X
902		X		X	X		X
903				X	X		X
904	X			X		X	
905				X		X	
906					X		X
907			X		X		X
908	X			X		X	
909	X			X	X		X
910		X		X		X	
911				X			
912		X		X	X		X
913	X			X	X		X
914	X				X		X
915				X	X		X
916 (ADA)	X			X	X		X
10TH FLOOR							
1001		X		X	X		X
1002	X			X		X	
1003							
1004	X					X	
1005				X		X	
1006	X		X		X		X
1007	X			X		X	
1008		X		X		X	
1009		X		X	X		X
1010		X		X	X		X
1011			X			X	
1012	X			X	X		X
1013	X			X	X		X
1014	X			X	X		X
1015		X		X	X		X

WORK DESCRIPTION:

FOR DESCRIPTION OF WORK SEE P621H.

D&A #25104

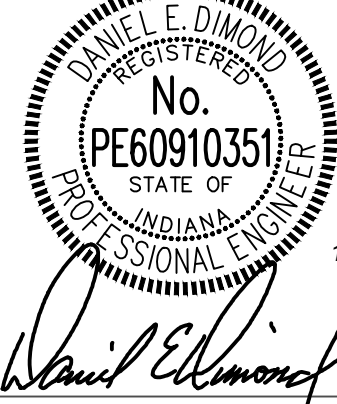
R.E. Dimond
and Associates, Inc.



Consulting Engineers

732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

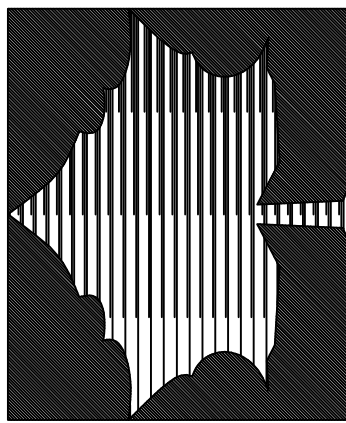
CERTIFIED BY:



REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY: DED	DESIGNED BY: DED
SCALE: REFER TO DRAWING	CHECKED BY: DED
DATE: 12/10/25	JOB NO.: DA#25104

SHEET DESCRIPTION:

JONES
WORK SCHEDULE -
PLUMBING

SHEET NUMBER:

P621J

GENERAL NOTES

1. ALL ZONE CALL-OUTS ARE FOR ZONES SERVING FIRST FLOOR ONLY.
2. SEE ALSO PM001.

PLAN NOTES

- ① CHECK CONDENSATE PUMP (LOCATED IN THIS AREA - NOT SHOWN) FOR PROPER OPERATION. IF REQUIRED, REPLACE CONDENSATE PUMP. SEE 01 23 70 UNIT PRICES FOR DESCRIPTION OF WORK.

REVISIONS:

[illegible]

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ISU BID #B0028696
TERRE HAUTE, INDIANA



OBJECT DESCRIPTION:

KEYPLAN

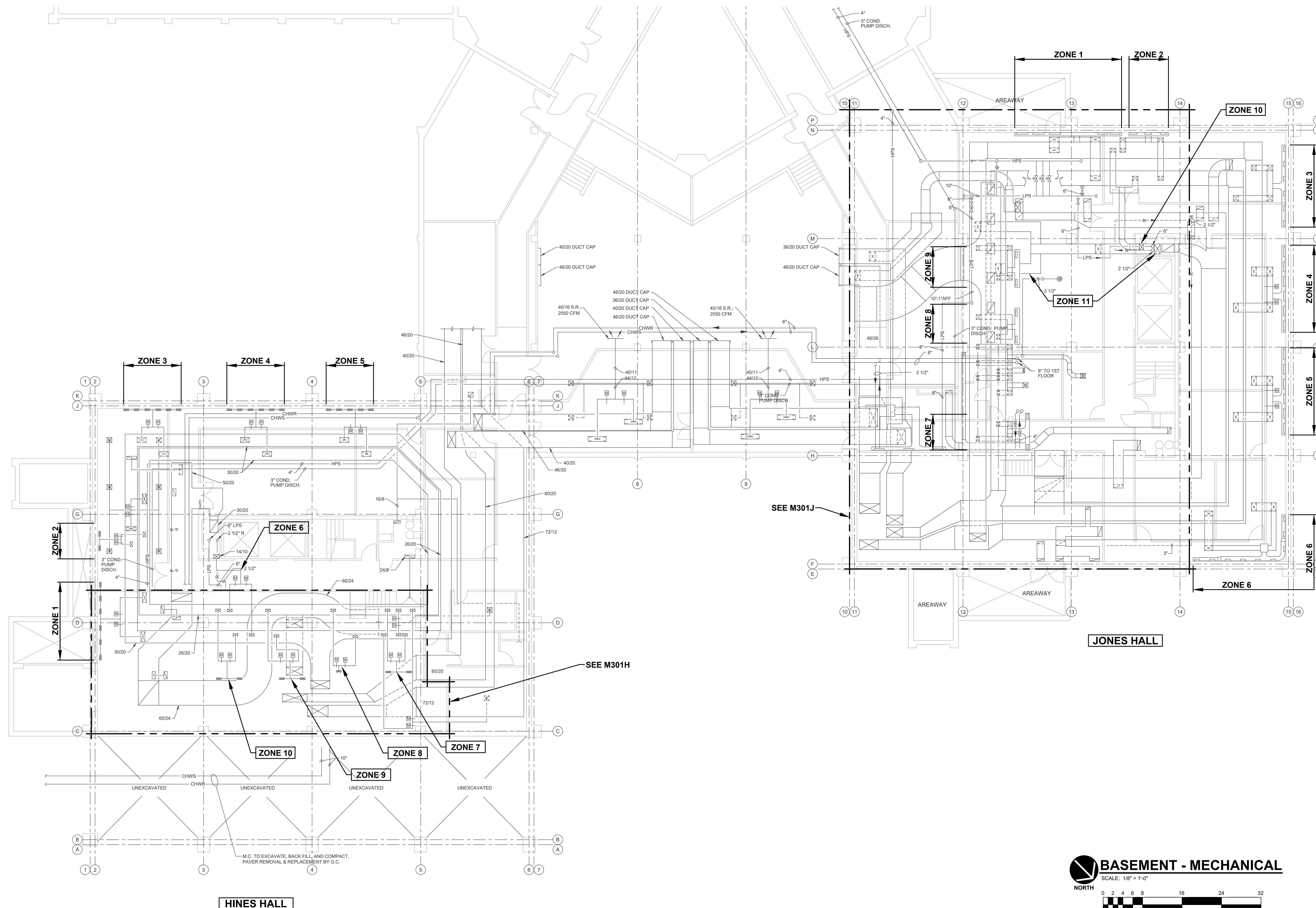


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SCALE: REFER TO DRAWING	CHECKED BY: DED
DATE: 12/10/25	JOB NO.: DA#25104

**BASEMENT FLOOR -
MECHANICAL**

SHEET NUMBER

M201



RENOVATION LEGEND:

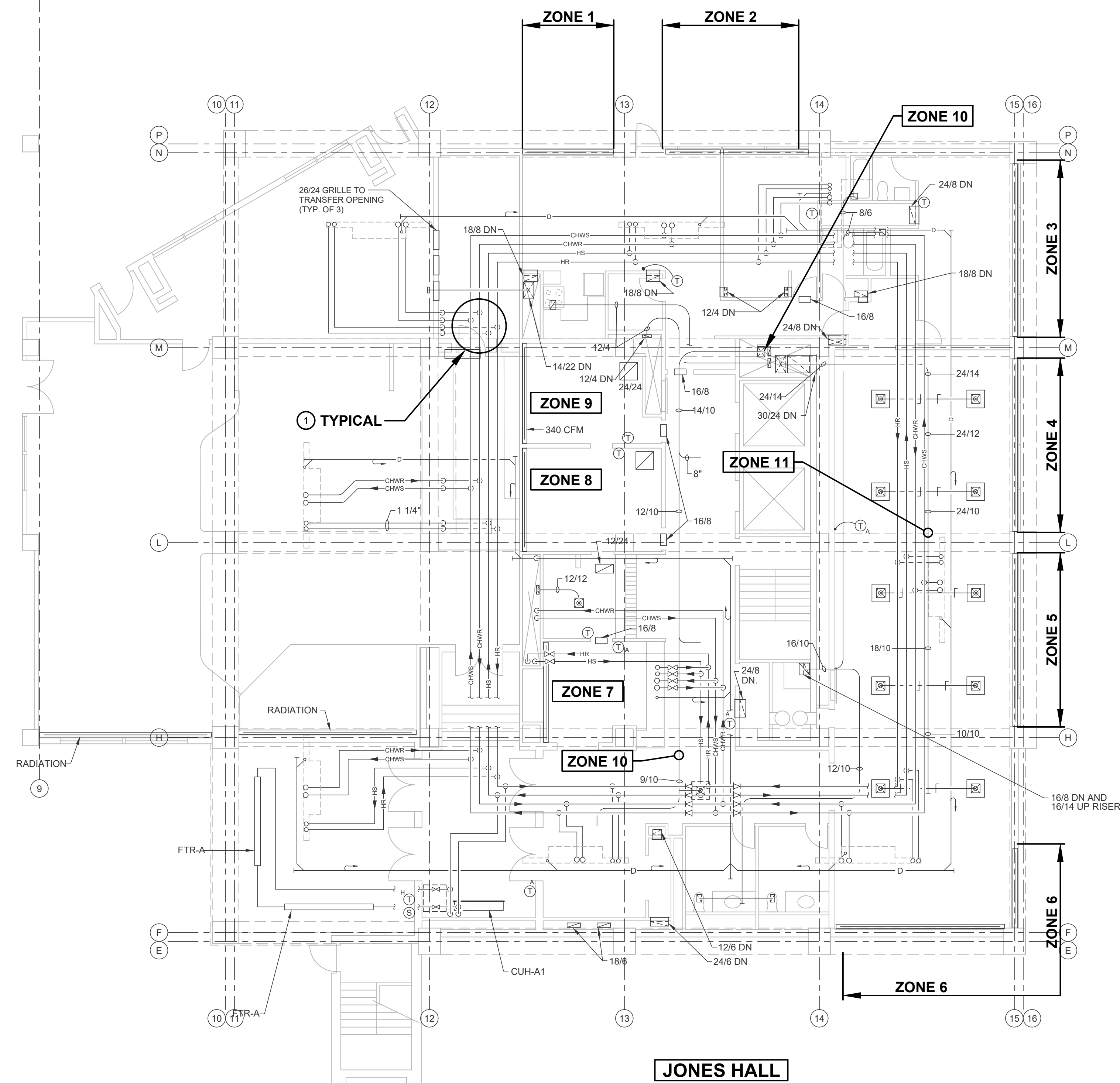
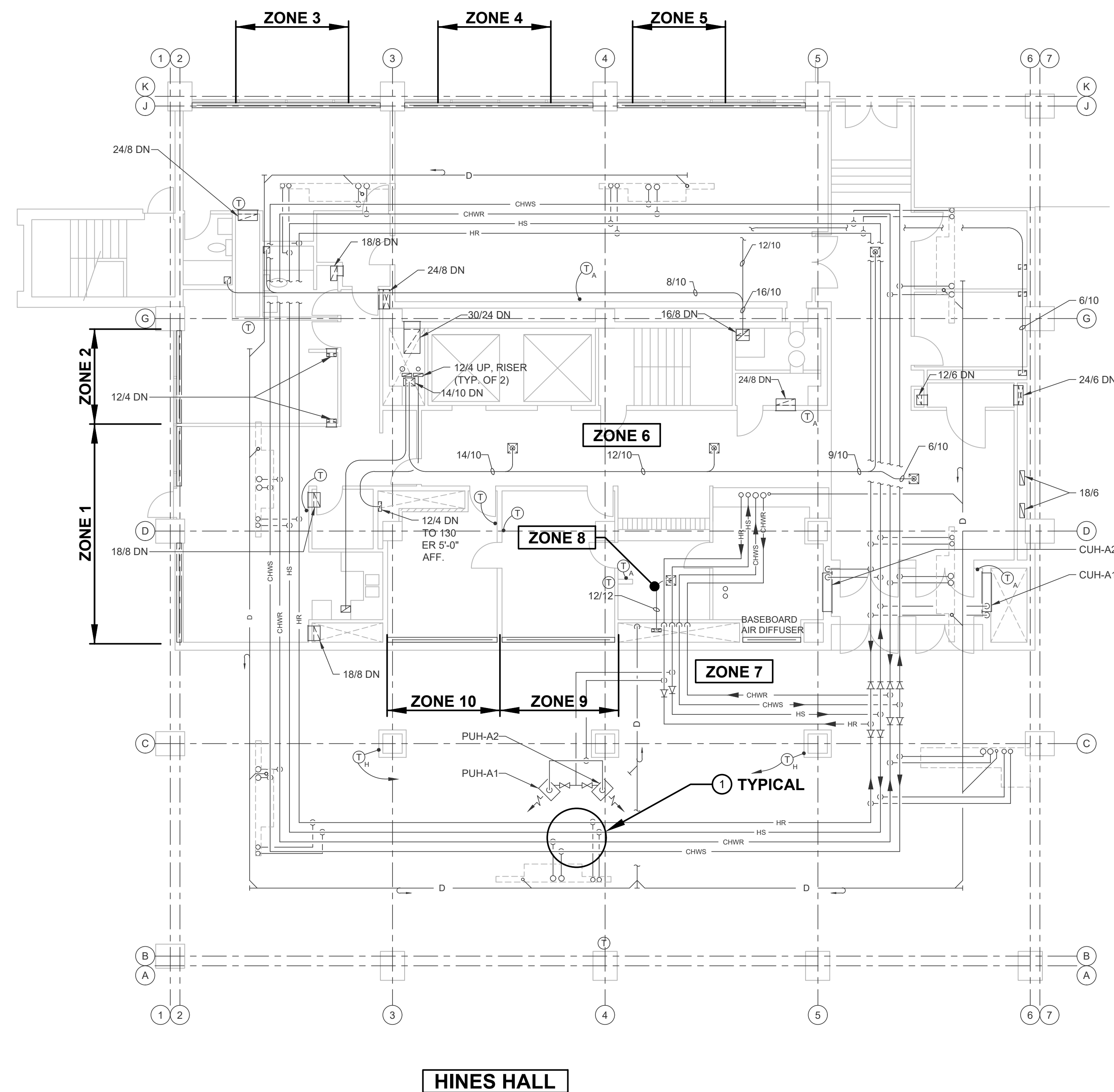
-  WORK TO BE INSTALLED
 WORK TO REMAIN

GENERAL NOTES

- ALL WORK ON THESE FLOORS ARE EXISTING. THE ONLY WORK ON THIS FLOOR IS FOR CONTRACTOR TO CHECK ZONE DAMPERS AND REPORT FINDINGS TO ENGINEER / ISU. ZONE DAMPERS ARE LOCATED IN BASEMENT.
- SEE ALSO PM001.

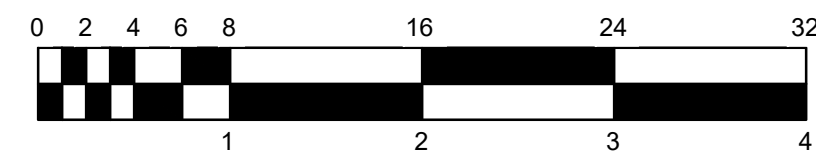
PLAN NOTES

- INSPECT CLAMP ON FITTINGS AT ALL CHILLED WATER AND HEATING WATER RISERS. REPORT ANY LEAKS TO ENGINEER / ISU.

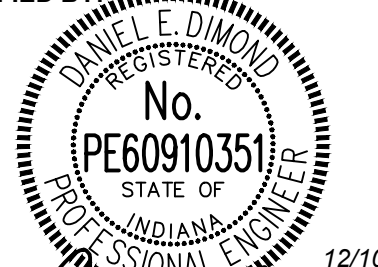
**FIRST FLOOR - MECHANICAL**

SCALE: 1/8" = 1'-0"

NORTH

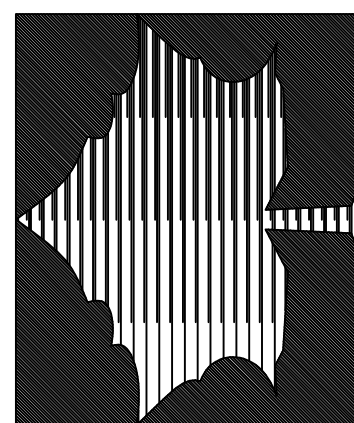


CERTIFIED BY:


David E. Dimond
 12/10/25
REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
 2026 HINES AND JONES HALL REFRESH
 ISU BID #B0028696
 TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



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SCALE: REFER TO DRAWING CHECKED BY: DED

DATE: 12/10/25 JOB NO.: DA#25104

SHEET DESCRIPTION:

**FIRST FLOOR -
 MECHANICAL**

SHEET NUMBER:

M202

RENOVATION LEGEND:

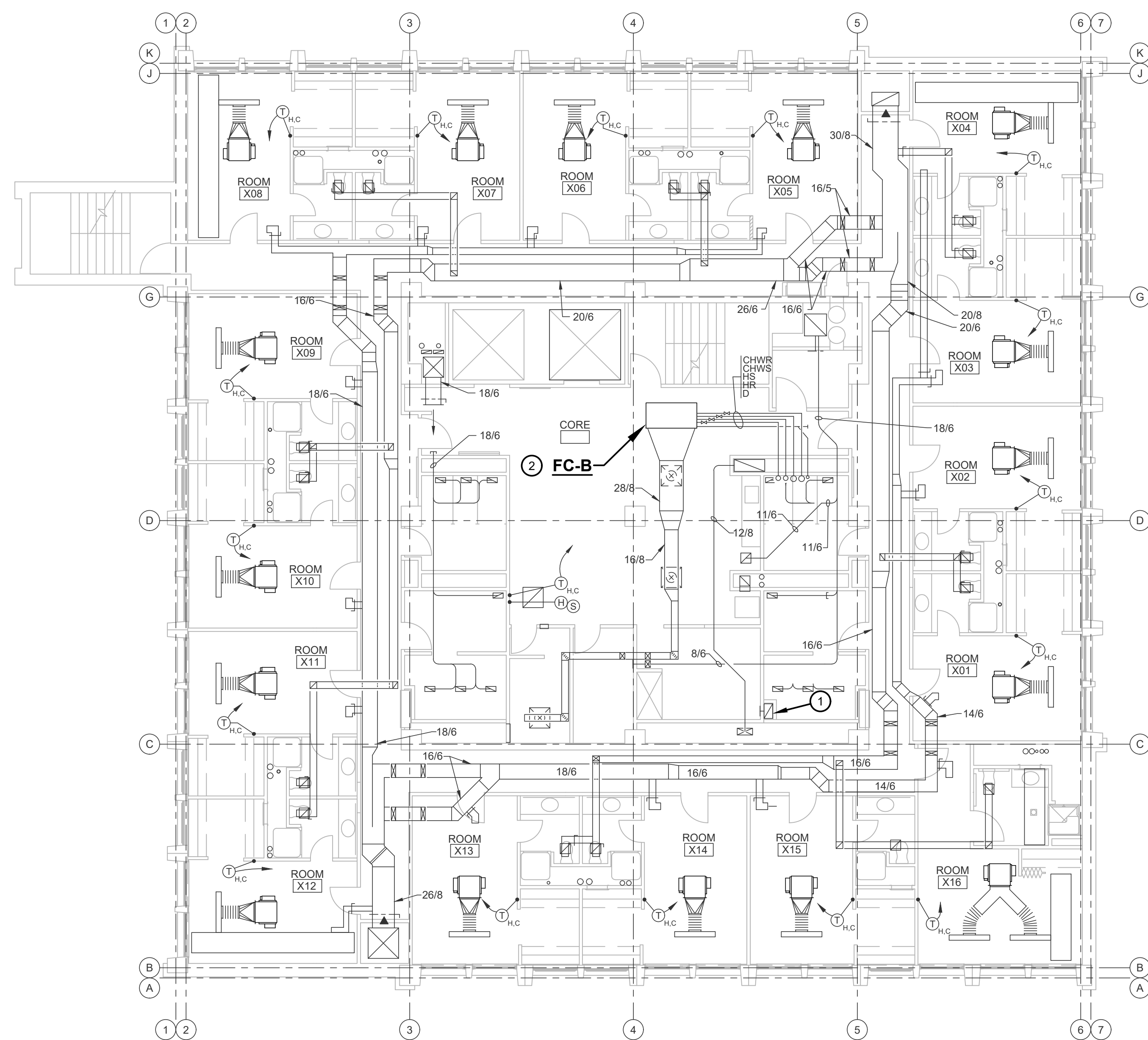
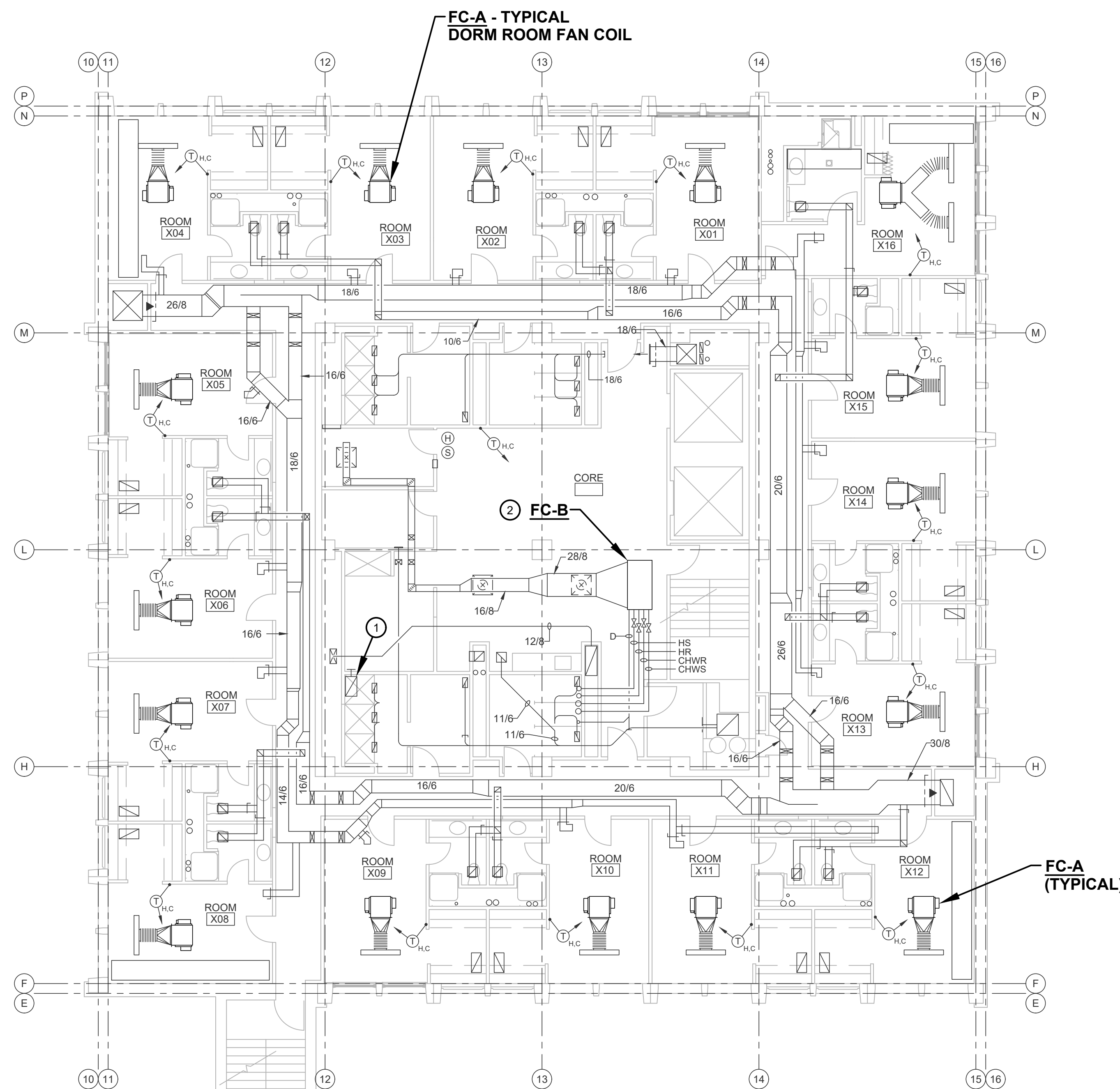
-  WORK TO BE INSTALLED
 WORK TO REMAIN

GENERAL NOTES

- ALL WORK ON FLOORS 2 THRU 10 IS LIMITED TO FAN COILS AND DRYER EXHAUST DUCT CLEANING. ALL FAN COILS ARE EXISTING. ALL DEVICES, SHEET METAL, ETC. ON THESE FLOORS IS EXISTING. THIS PROJECT IS LIMITED TO REPAIR OF EXISTING AND SOME CASES REPLACEMENT OF EXISTING FAN COILS.
- SEE M621J (JONES) AND M621H (HINES) FOR WORK REQUIRED ON FAN COILS.
- SEE ALSO PM001.

PLAN NOTES

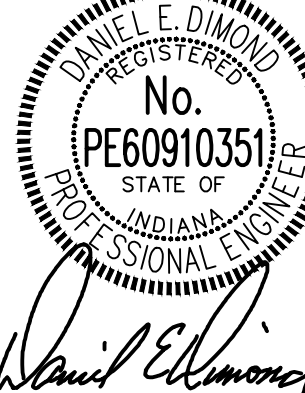
- CLEAN DRYER EXHAUST DUCT IN ITS ENTIRETY. SEE RISER 'G' / M401 FOR SIZES AND LENGTH OF DUCT. THIS INCLUDES CLEANING OF DRYER EXHAUST UNIT IN PENTHOUSE.
NOTE: DUCT IN CHASE AND NOT ACCESSIBLE. ACCESS THRU (2) 4" DRYER EXHAUST CONNECTIONS ON EACH FLOOR AND, IN PENTHOUSE.
- CONTROL CONTRACTOR - TEST CORE UNIT FC-B FAN COIL FOR PROPER OPERATION. REPORT FINDINGS TO ENGINEER / ISU.

**HINES HALL****JONES HALL****SECOND THRU NINTH FLOORS - MECHANICAL**

SCALE: 1/8" = 1'-0"

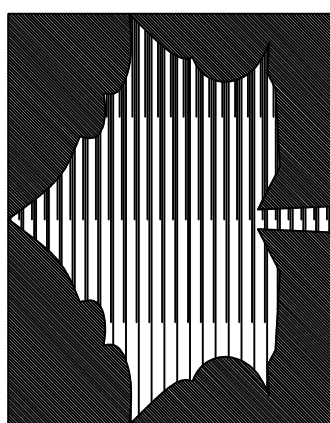


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 ISU BID #B0028696
 TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



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SCALE: REFER TO DRAWING CHECKED BY: DED

DATE: 12/10/25 JOB NO.: DA#25104

SHEET DESCRIPTION:

SECOND THRU
NINTH FLOORS -
MECHANICAL

SHEET NUMBER:

M203

RENOVATION LEGEND:

- WORK TO BE INSTALLED
WORK TO REMAIN

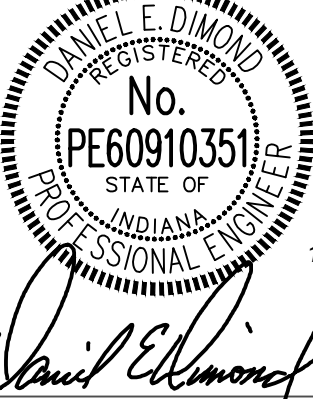
GENERAL NOTES

1. SEE M203 FOR GENERAL NOTES.
2. SEE ALSO PM001.

PLAN NOTES

1. CLEAN DRYER EXHAUST DUCT IN ITS ENTIRETY. SEE RISER 'G' / M401 FOR SIZES AND LENGTH OF DUCT. THIS INCLUDES CLEANING OF DRYER EXHAUST UNIT IN PENTHOUSE.
NOTE: DUCT IN CHASE AND NOT ACCESSIBLE. ACCESS THRU (2) 4" DRYER EXHAUST CONNECTIONS ON EACH FLOOR AND, IN PENTHOUSE.
2. HEATING WATER AND CHILLED WATER DPT.
3. CONTROL CONTRACTOR - TEST CORE UNIT FC-B FAN COIL FOR PROPER OPERATION. REPORT FINDINGS TO ENGINEER / ISU.

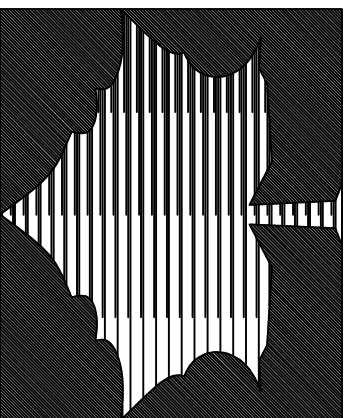
CERTIFIED BY:



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2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



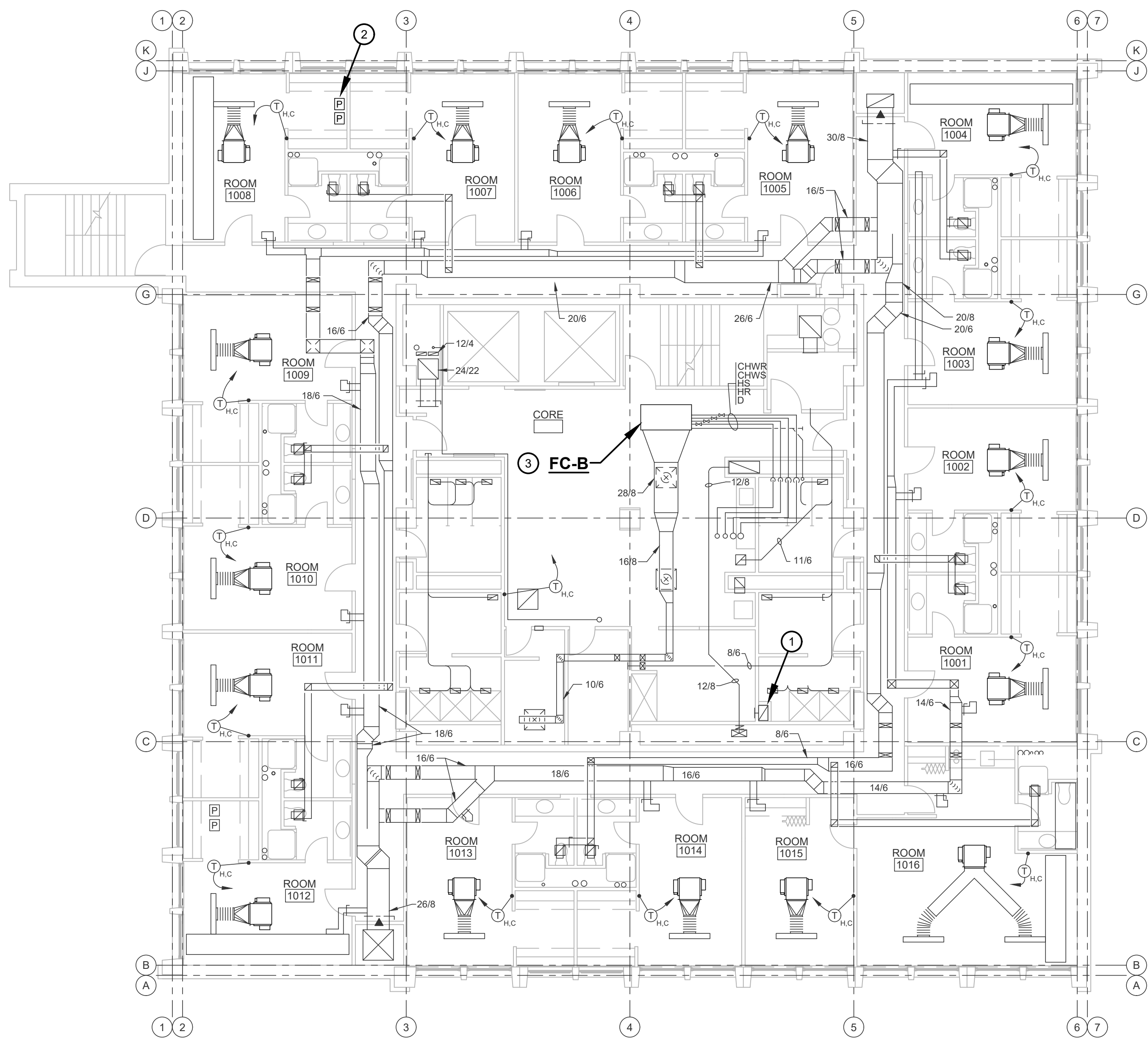
DRAWN BY: DED
DESIGNED BY: DED
SCALE: REFER TO DRAWING
CHECKED BY: DED
DATE: 12/10/25
JOB NO.: DA#25104

SHEET DESCRIPTION:

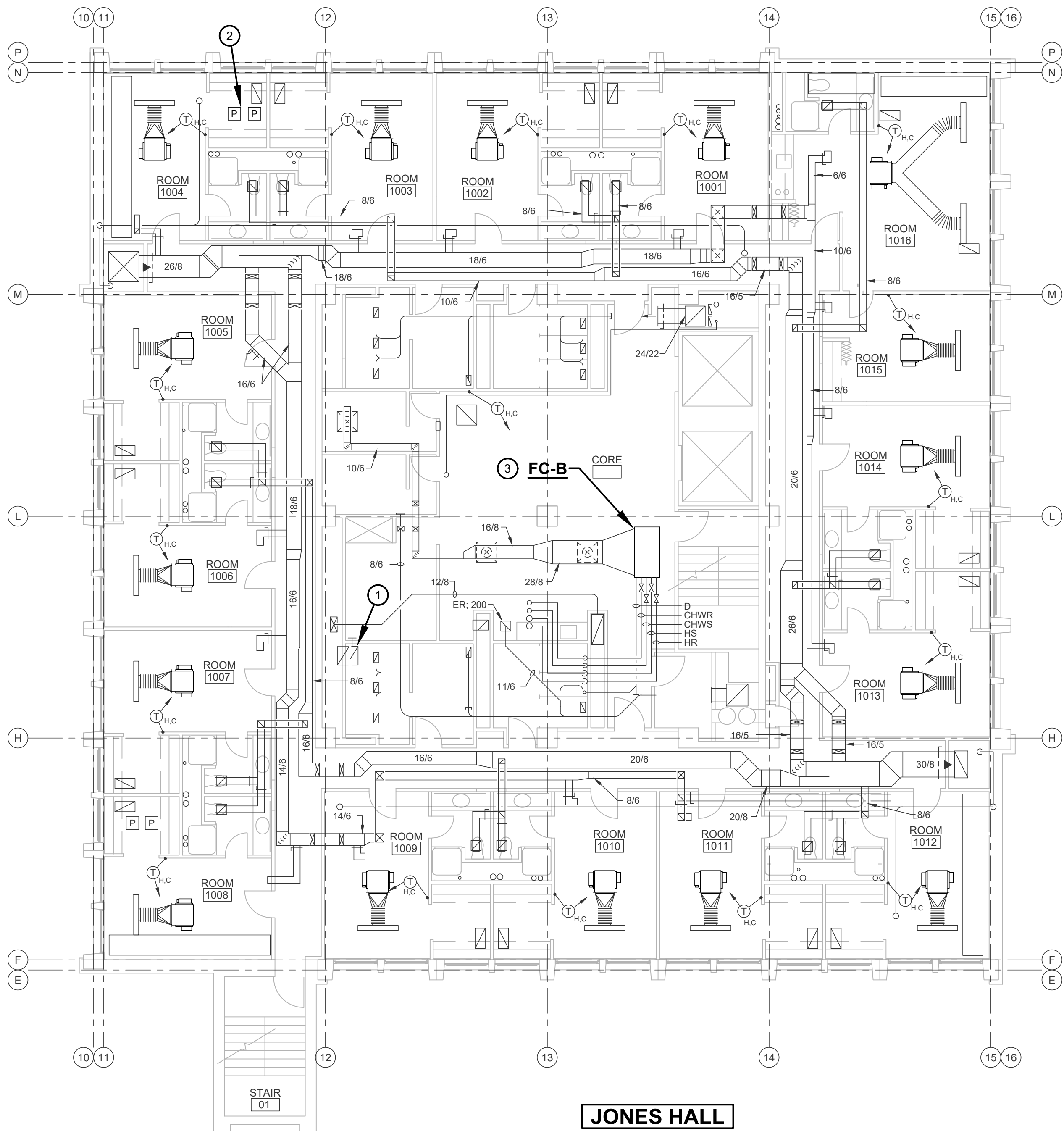
TENTH FLOOR -
MECHANICAL

SHEET NUMBER:

M204



HINES HALL

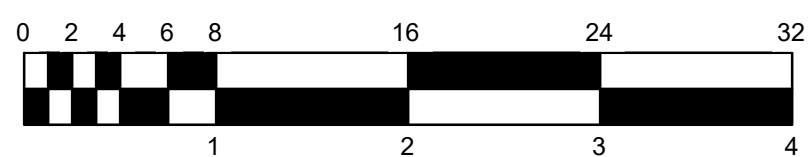


JONES HALL

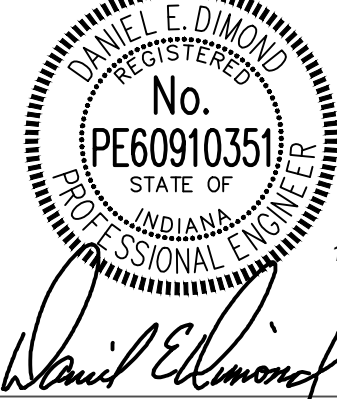


TENTH FLOOR - MECHANICAL

SCALE: 1/8" = 1'-0"



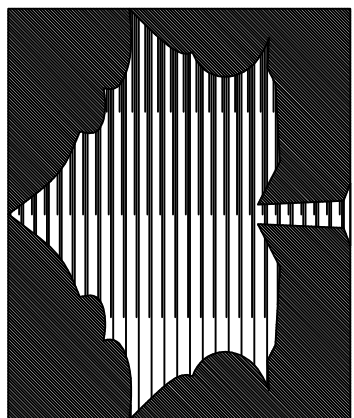
CERTIFIED BY:



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2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



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DED	DED
SCALE:	CHECKED BY:
REFER TO DRAWING	DED
DATE:	JOB NO.:
12/10/25	DA#25104

SHEET DESCRIPTION:
ROOF AND PENTHOUSE FLOOR - MECHANICAL

SHEET NUMBER:

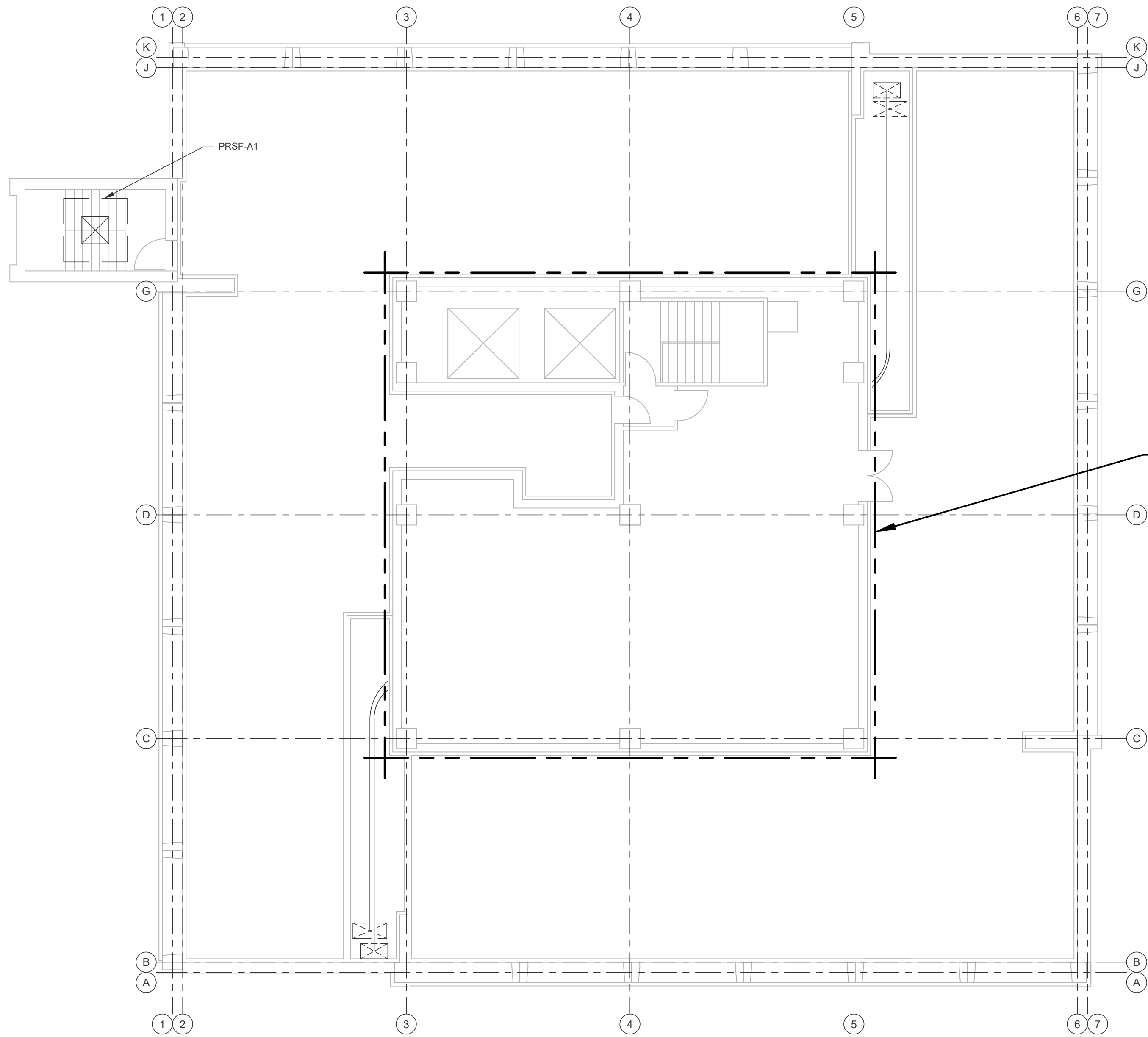
M205

RENOVATION LEGEND:

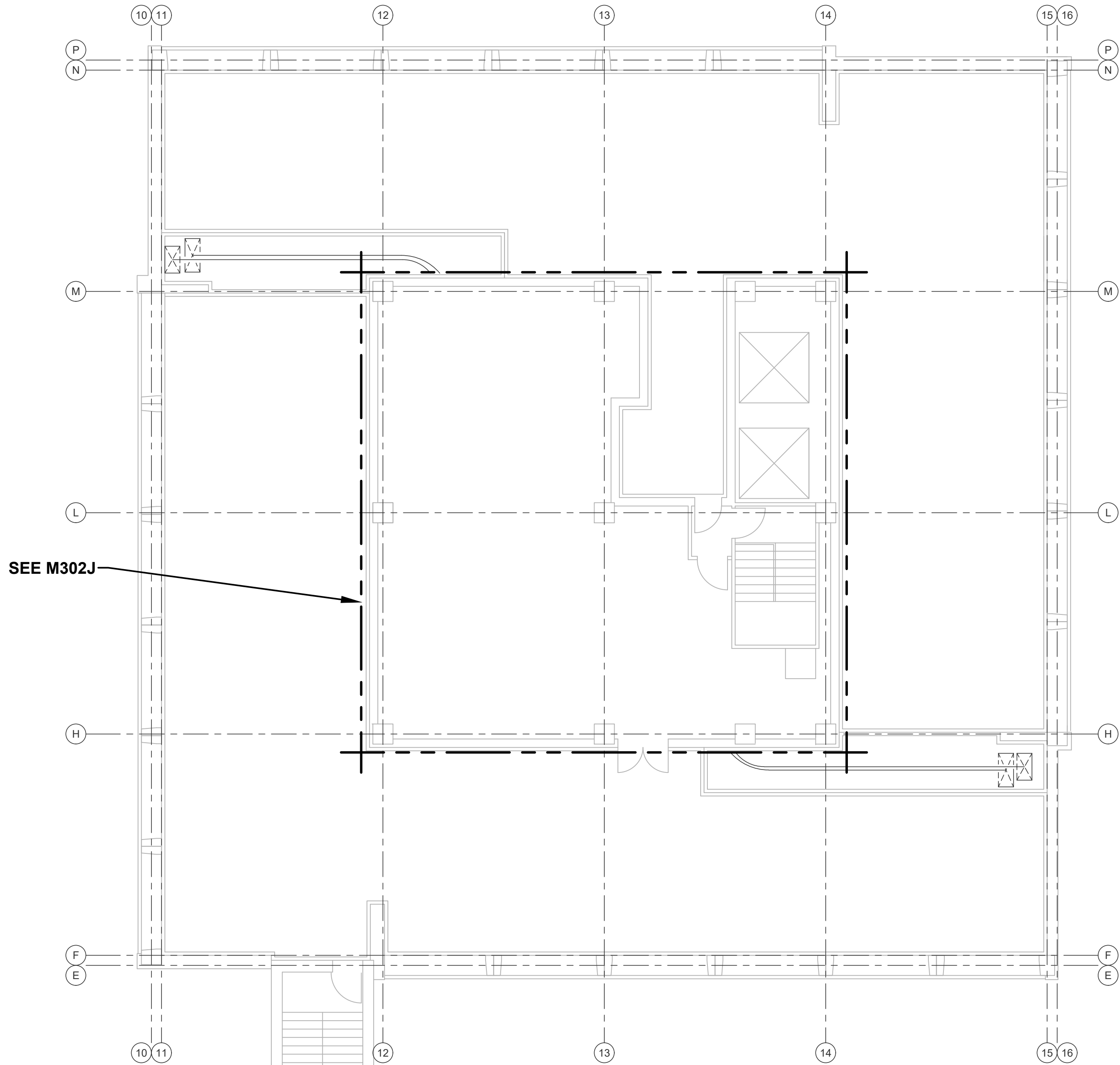
-  WORK TO BE INSTALLED
-  WORK TO REMAIN

GENERAL NOTES

- ALL WORK ON THIS SHEET IS LIMITED TO WORK IN PENTHOUSE. **THIS SHEET FOR REFERENCE ONLY.** SEE RESPECTIVE M302 DRAWING FOR WORK IN PENTHOUSES.
- SEE ALSO PM001.



HINES HALL



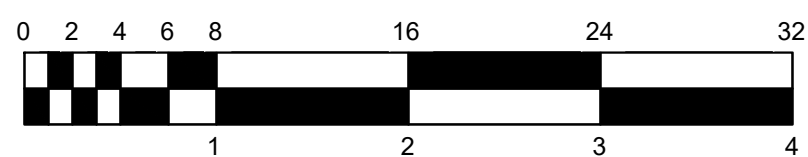
JONES HALL

THIS SHEET FOR REFERENCE ONLY.

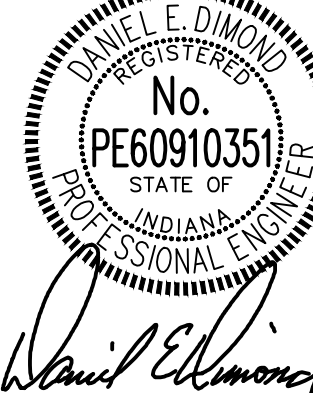


ROOF AND PENTHOUSE FLOOR - MECHANICAL

SCALE: 1/8" = 1'-0"



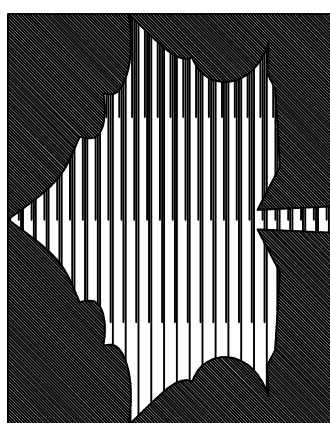
CERTIFIED BY:



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INDIANA STATE UNIVERSITY
 2026 HINES AND JONES HALL REFRESH
 ISU BID #B0028696
 TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



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SCALE: REFER TO DRAWING CHECKED BY: DED

DATE: 12/10/25 JOB NO.: DA#25104

SHEET DESCRIPTION:

**HINES
 BASEMENT -
 MECHANICAL**

SHEET NUMBER:

M301H

RENOVATION LEGEND:

- ☐ WORK TO BE INSTALLED
☐ WORK TO REMAIN

GENERAL NOTES

- TYPICAL DUAL DUCT AIR HANDLING UNIT AND MAKE-UP AIR UNIT WORK DESCRIPTION.

THERE ARE TWO (2) DUAL DUCT AIR HANDLING UNITS. ONE IS IN HINES HALL BASEMENT, (M301H), AND ONE IS IN JONES HALL BASEMENT, (M301J). THERE ARE TWO (2) 100% OUTSIDE AIR MAKE-UP AIR UNITS. ONE IS IN HINES HALL PENTHOUSE, (M302H), AND THE OTHER IS IN JONES HALL PENTHOUSE, (M302J).

TYPICAL WORK FOR THESE AIR HANDLING UNITS TO INCLUDE THE FOLLOWING:

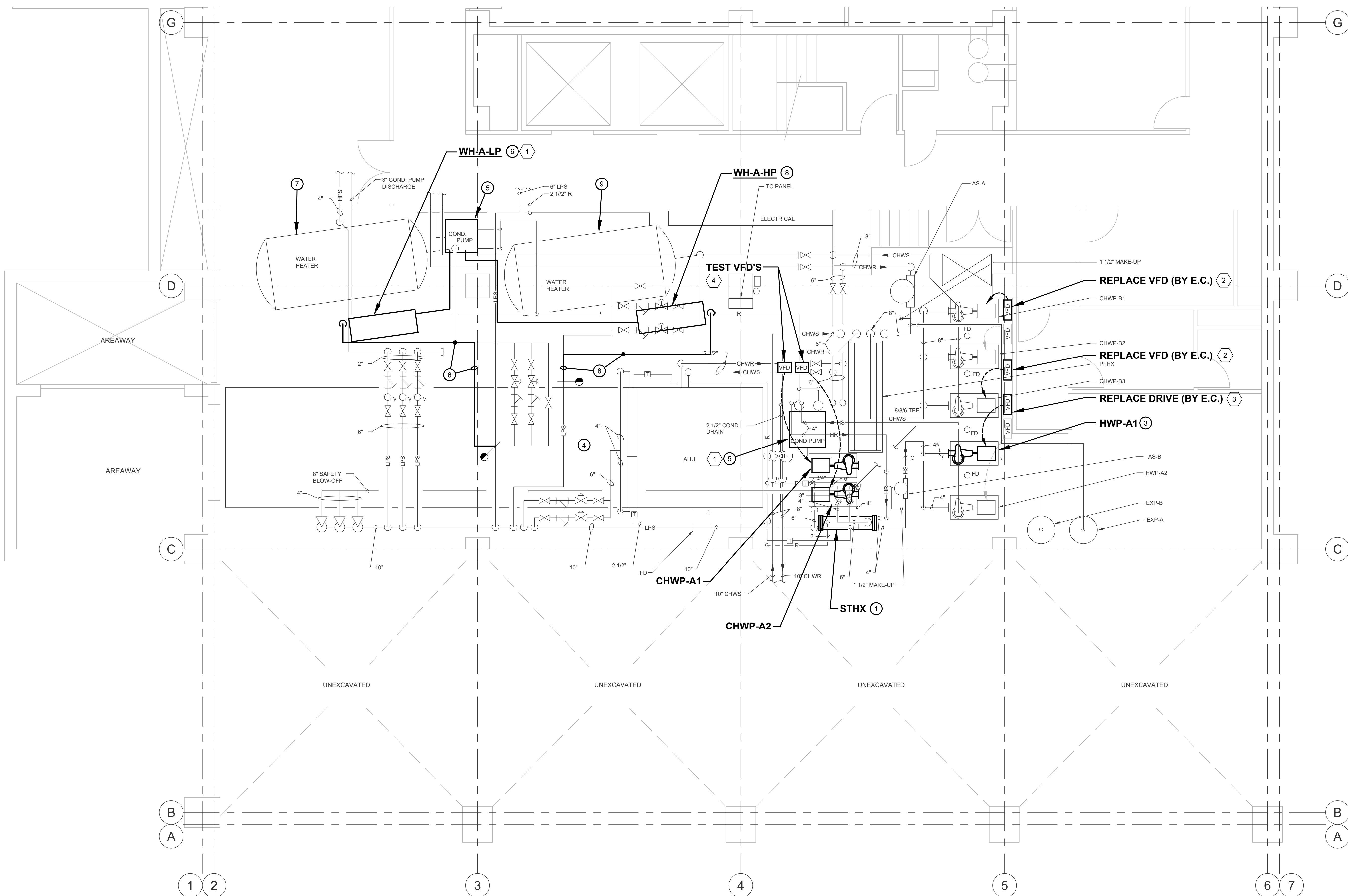
 - CLEAN OUTSIDE AIR INTAKE LOUVERS AND PLENUM.
 - VACUUM OUT ALL DEBRIS FROM INSIDE AIR HANDLING UNIT.
 - INSTALL / REPLACE ALL PRE-FILTERS AND FINAL FILTERS. FILTERS WILL BE PROVIDED BY OWNER.
 - GREASE UNITS.
 - CHEMICALLY CLEAN COILS AND COMB OUT FINS.
 - REPLACE SEALS ON ALL ACCESS DOORS.
- ANY ADDITIONAL WORK IN THIS MECHANICAL ROOM IS DENOTED BY PLAN NOTES.
- REFER TO SPEC SECTIONS 01 23 00 ALTERNATES AND 01 23 70 UNIT PRICES FOR DESCRIPTION OF ADDITIONAL WORK.
- SEE ALSO PM001.

PLAN NOTES - MECHANICAL

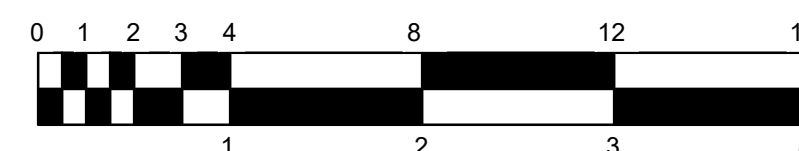
- REPLACE SHELL & TUBE HEAT EXCHANGER - SEE (A) (M401)
- REPLACE PUMP - SEE (B) (M401)
- TEST PUMP, CONFIRM OPERATION.
- REPLACE SUPPLY FAN DRIVE BELTS. CHECK FAN BEARINGS.
- CHECK CONDENSATE PUMP FOR PROPER OPERATION. IF REQUIRED, REPLACE CONDENSATE PUMP. SEE 01 23 60 UNIT PRICES FOR DESCRIPTION OF WORK.
- ALTERNATE
CONNECT TO EXISTING 6" LPS AND PIPE TO WH-A-LP. INSTALL TRAP AT BOTTOM OF 6". RUN 2 1/2" CONDENSATE FROM WH-A-LP TO CONDENSATE PUMP.
- ALTERNATE
REMOVE EXISTING LP WATER HEATER TANK.
- ALTERNATE
CONNECT TO EXISTING 6" LPS AND PIPE TO WH-A-HP. INSTALL TRAP AT BOTTOM OF 6". RUN 2 1/2" CONDENSATE FROM WH-A-HP TO CONDENSATE PUMP.
- ALTERNATE
REMOVE EXISTING HP WATER HEATER TANK.

PLAN NOTES - ELECTRICAL

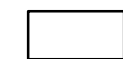
- DISCONNECT AND RECONNECT ELECTRICAL AS REQUIRED.
- REPLACE VFD FOR 30 HP, 208V, 3Ø PUMP (VERIFY). DISCONNECT AND RECONNECT FEEDER WIRING. REWORK AS REQUIRED. REPLACE WIRING FROM VFD TO PUMP WITH VFD-RATED CABLES IN CONDUIT, 3#1, 1#6G, 1-1/2" C.
- REPLACE VFD FOR 10 HP, 208V, 3Ø PUMP (VERIFY). DISCONNECT AND RECONNECT FEEDER WIRING. REWORK AS REQUIRED. REPLACE WIRING FROM VFD TO PUMP WITH VFD-RATED CABLES IN CONDUIT, 3#6, 1#10G, 1" C.
- VERIFY VFD OPERATION. DOCUMENT ANY DEFICIENCIES.

**HINES BASEMENT - MECHANICAL**

SCALE: 1/4" = 1'-0"



RENOVATION LEGEND:

-  WORK TO BE INSTALLED
-  WORK TO REMAIN

GENERAL NOTES

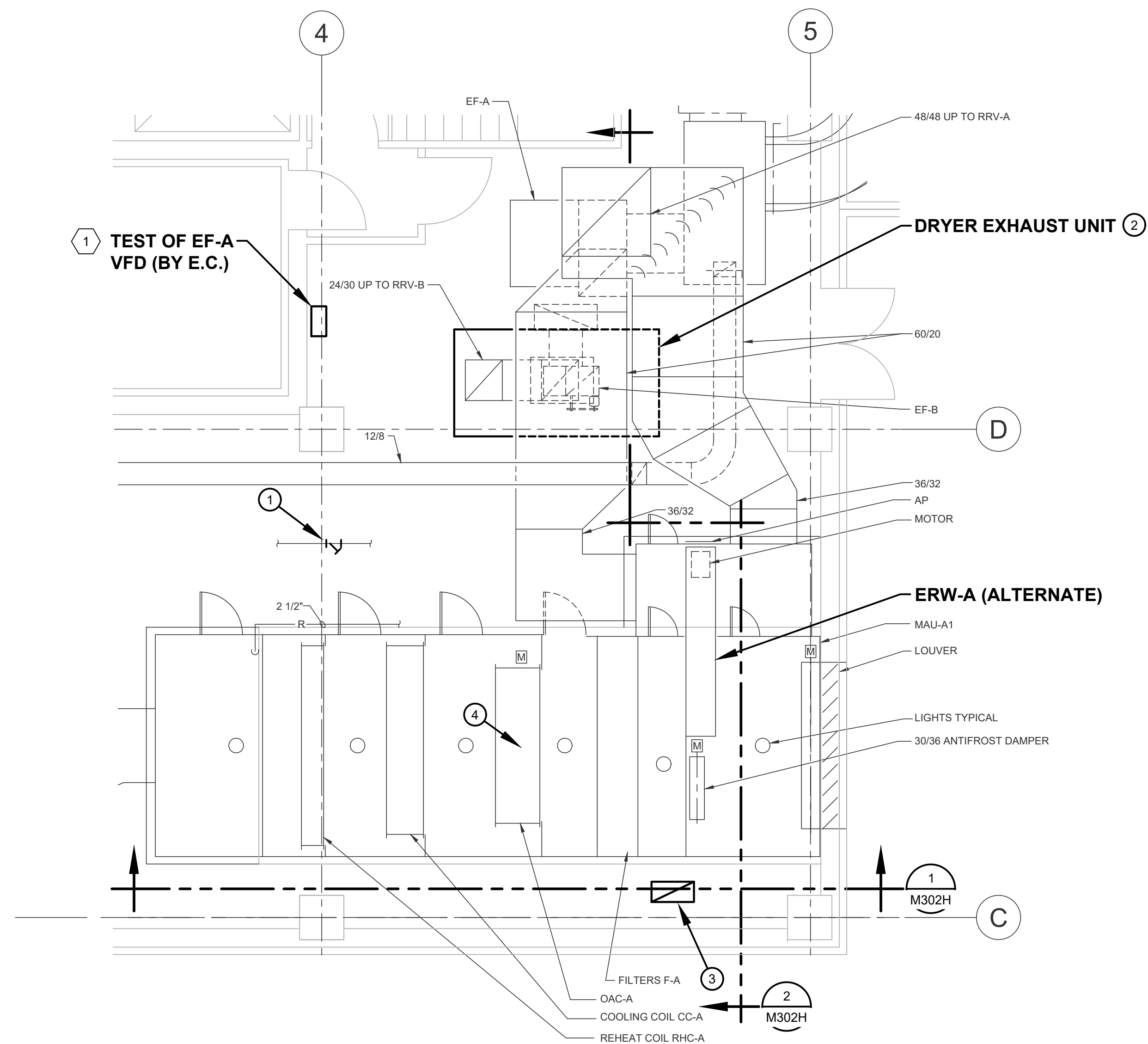
- SEE M301H FOR ADDITIONAL MAU (MAKE-UP AIR HANDLER) WORK WHICH IS TYPICAL FOR ALL FOUR (4) AIR HANDLING UNITS.
- ALL ADDITIONAL WORK ON THIS DRAWING IS DENOTED BY PLAN NOTES.
- REFER TO SPEC SECTIONS 01 23 00 ALTERNATES AND 01 23 70 UNIT PRICES FOR DESCRIPTION OF ADDITIONAL WORK.
- SEE ALSO PM001.

PLAN NOTES

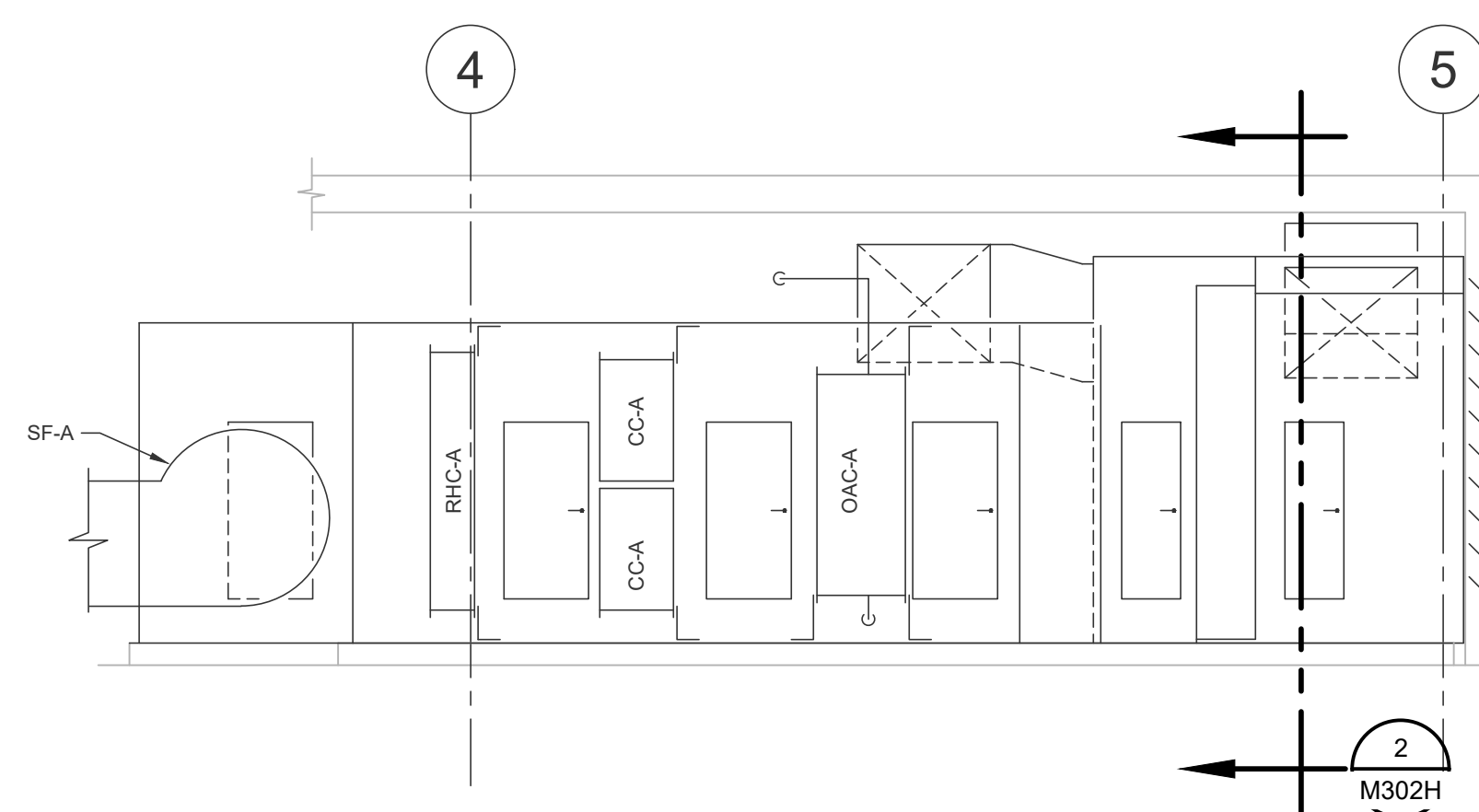
- REPAIR 4" FLANGED GASKET ON STEAM STRAINER THAT IS LEAKING IN THIS AREA. THIS TRAINER IS IN PIPE SERVING STEAM TO OAC-A.
- REPLACE FAN BELT ON DRYER EXHAUST UNIT. REPLACE ROLL FILTER. FILTER PROVIDED BY OWNER. VERIFY OPERATION OF DPT, FILTER ADVANCE AND EXHAUST FAN. CLEAN UNIT OF ALL LINT INCLUDING DUCT TO UNIT.
- DRYER EXHAUST DUCT ACCESS FOR CLEANING VERTICAL DOWN DUCT IS AVAILABLE IN THIS AREA. CLEAN DRYER EXHAUST DUCT COMPLETE.
- REPAIR LEAK IN IFD STEAM COIL (OAC-A) IN THIS AREA. CUT WINDOW IN COIL FRAME.

PLAN NOTES - ELECTRICAL

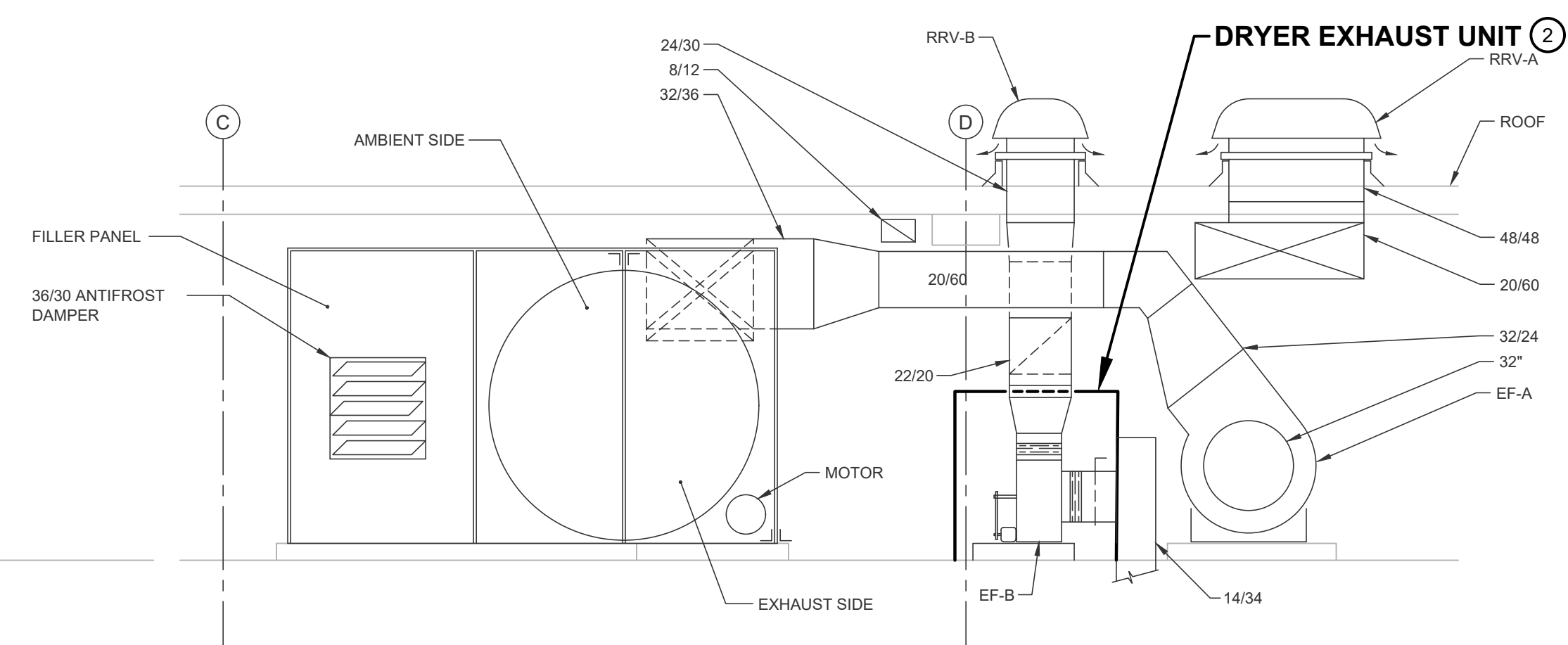
- VERIFY VFD OPERATION. DOCUMENT ANY DEFICIENCIES.

**PLAN VIEW**

SCALE: 1/4" = 1'-0"

**SECTION - 1**

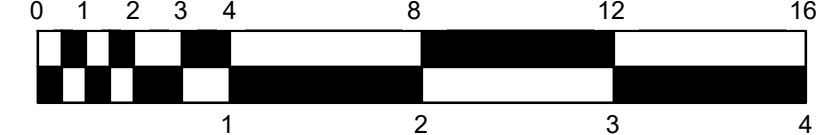
SCALE: 1/4" = 1'-0"

**SECTION - 2**

SCALE: 1/4" = 1'-0"

**HINES PENTHOUSE - MECHANICAL**

SCALE: 1/4" = 1'-0"



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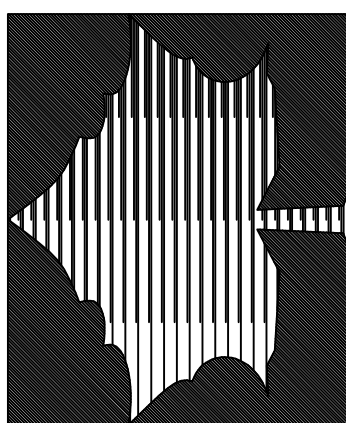
12/10/25

REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA

PROJECT DESCRIPTION:



KEYPLAN



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DED	DED
SCALE:	CHECKED BY:
REFER TO DRAWING	DED
DATE:	JOB NO.:
12/10/25	DA#25104

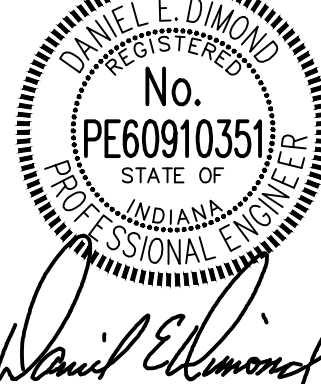
SHEET DESCRIPTION:

HINES
PENTHOUSE -
MECHANICAL

SHEET NUMBER:

M302H

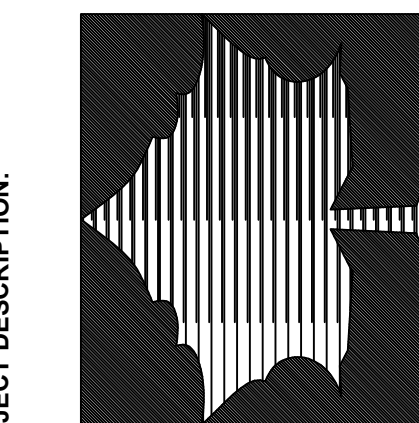
CERTIFIED BY:



REVISIONS:

NO.	DESCRIPTION	DATE

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2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY:	DESIGNED BY:
DED	DED
SCALE:	CHECKED BY:
REFER TO DRAWING	DED
DATE:	JOB NO.:
12/10/25	DA#25104

SHEET DESCRIPTION:

JONES
PENTHOUSE -
MECHANICAL

SHEET NUMBER:

M302J**RENOVATION LEGEND:**

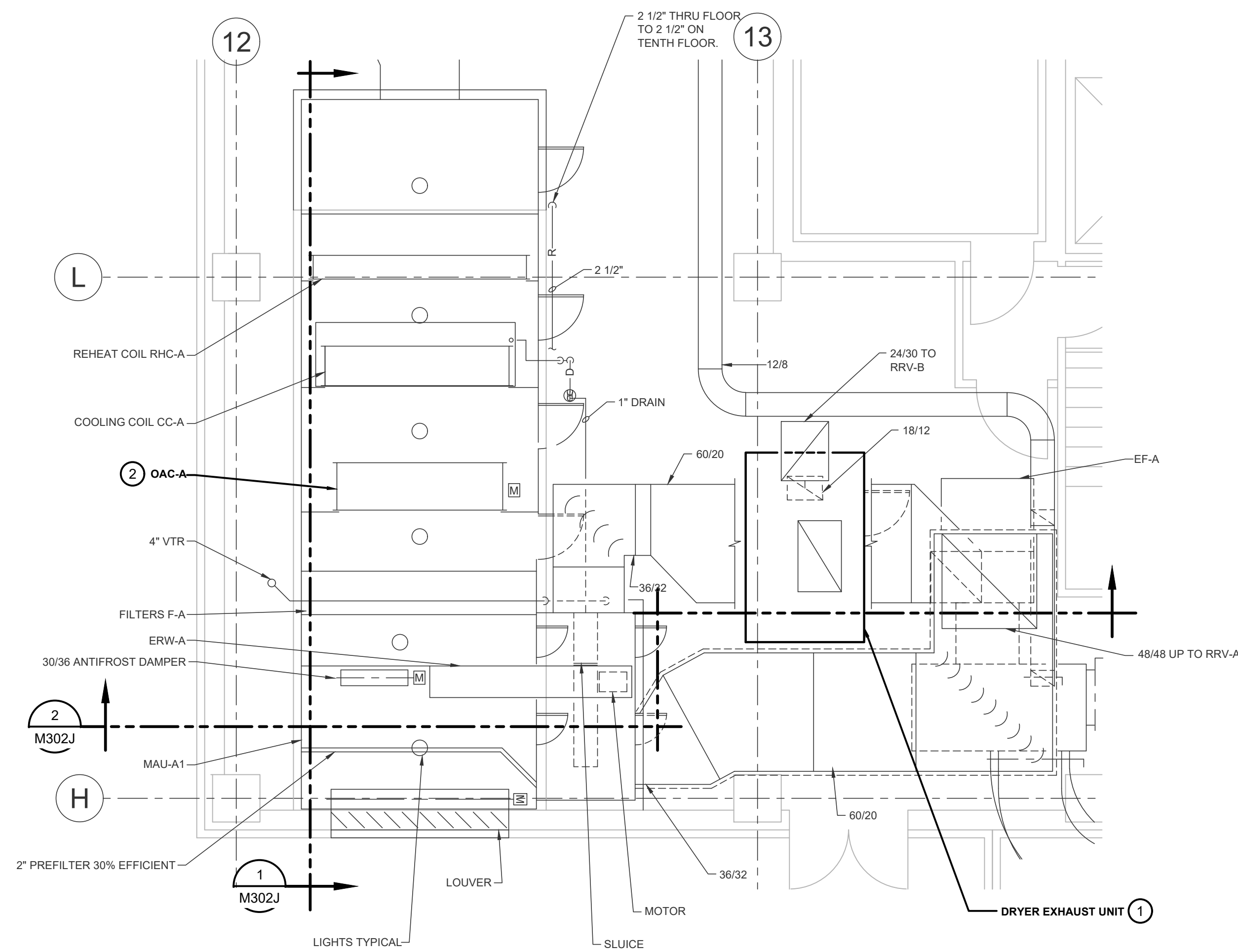
-  WORK TO BE INSTALLED
-  WORK TO REMAIN

GENERAL NOTES

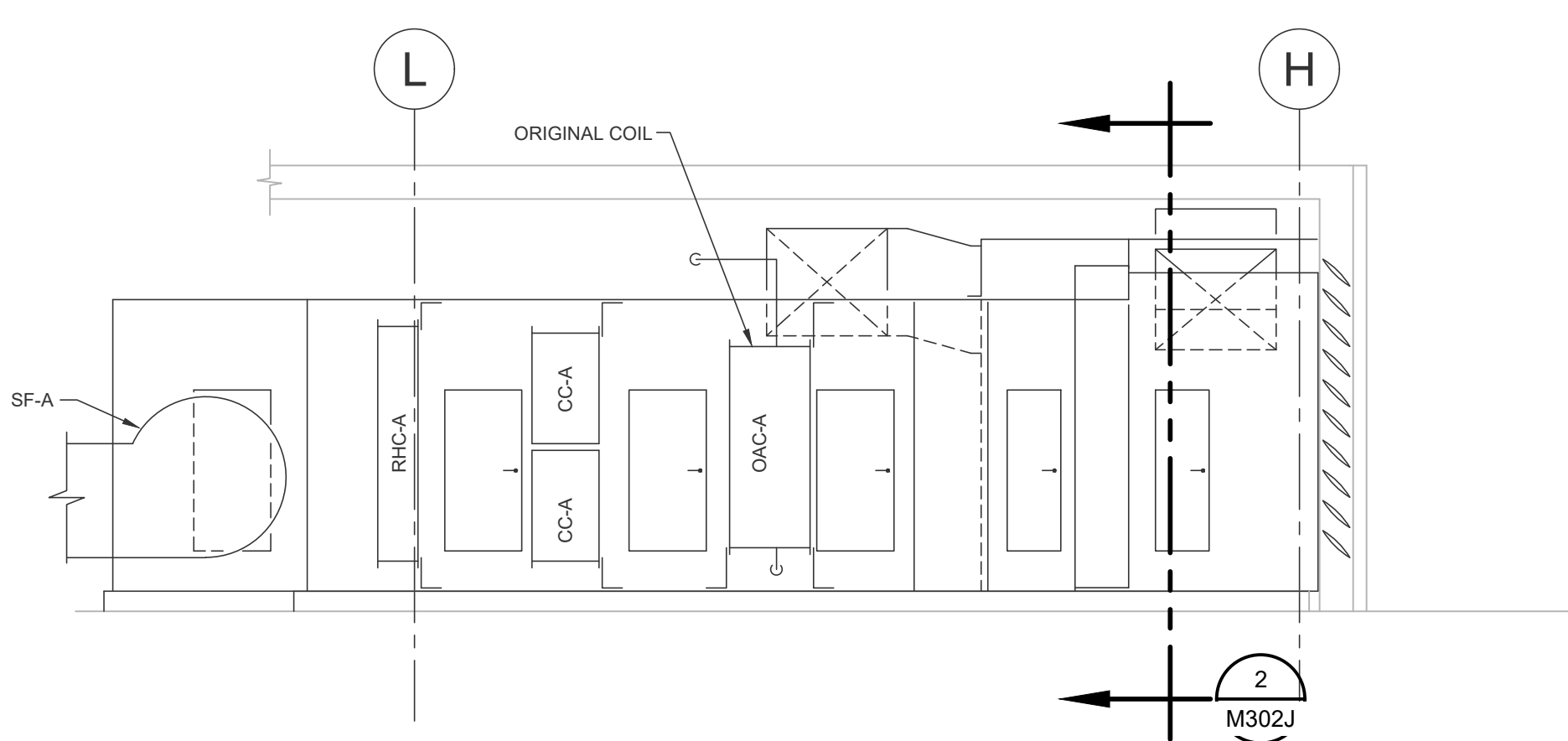
- SEE M301J FOR ADDITIONAL MAU (MAKE-UP AIR HANDLER) WORK WHICH IS TYPICAL FOR ALL FOUR (4) AIR HANDLING UNITS.
- ALL ADDITIONAL WORK ON THIS DRAWING IS DENOTED BY PLAN NOTES.
- REFER TO SPEC SECTIONS 01 23 00 ALTERNATES AND 01 23 70 UNIT PRICES FOR DESCRIPTION OF ADDITIONAL WORK.
- SEE ALSO PM001.

PLAN NOTES

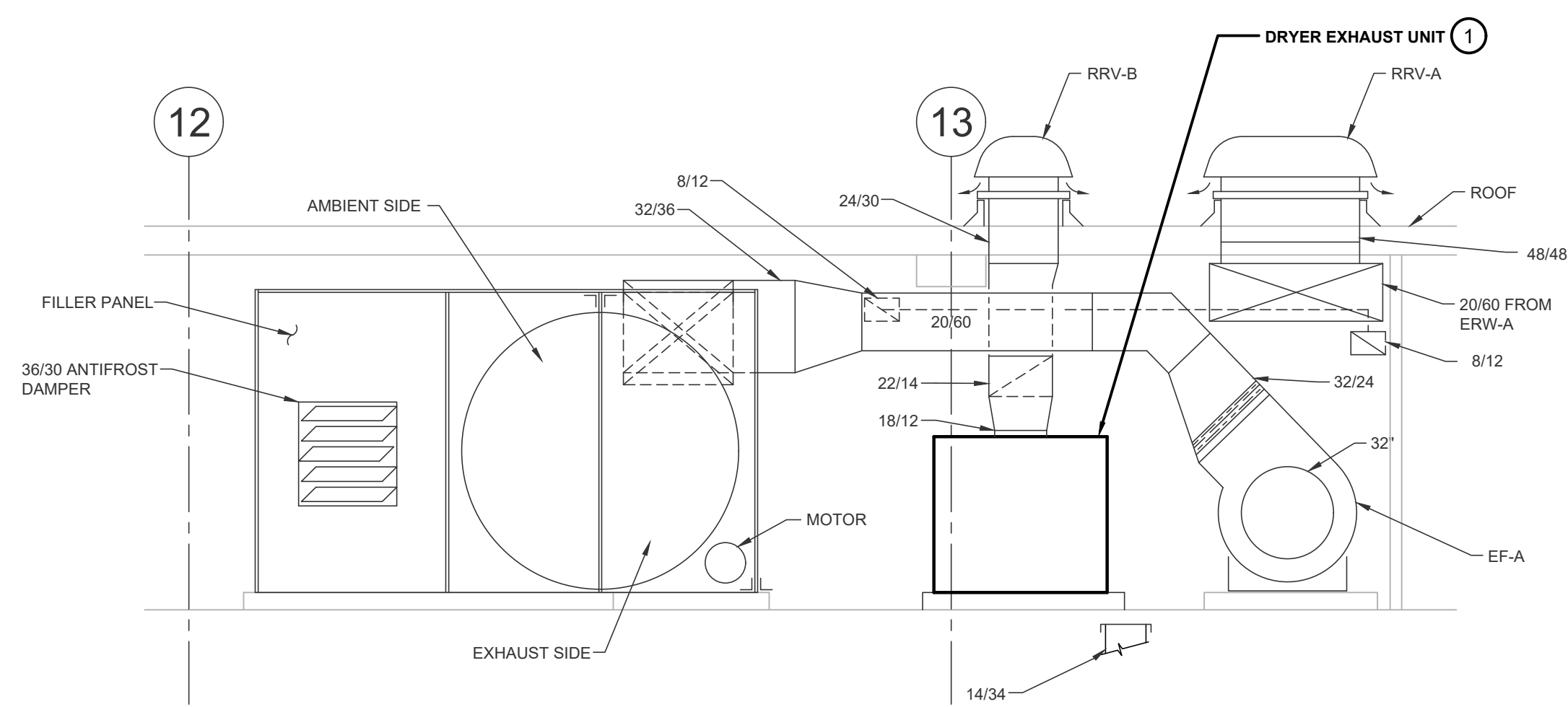
- REPLACE FAN BELT ON DRYER EXHAUST UNIT. REPLACE ROLL FILTER. FILTER PROVIDED BY OWNER. VERIFY OPERATION OF DPT, FILTER ADVANCE AND EXHAUST FAN. CLEAN UNIT OF ALL LINT INCLUDING DUST TO UNIT.
- REPLACE INTEGRAL FACE AND BYPASS STEAM COIL.

**PLAN VIEW**

SCALE: 1/4\" = 1'-0"

**SECTION - 1**

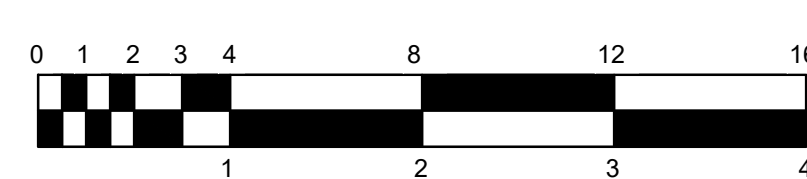
SCALE: 1/4\" = 1'-0"

**SECTION - 2**

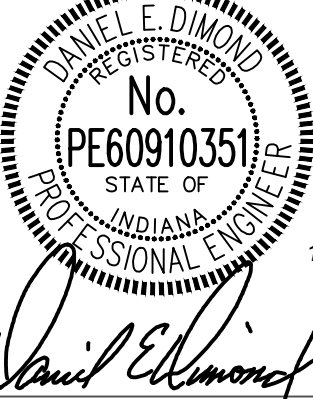
SCALE: 1/4\" = 1'-0"

**JONES PENTHOUSE - MECHANICAL**

SCALE: 1/4\" = 1'-0"



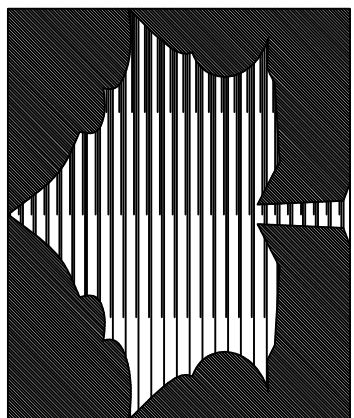
CERTIFIED BY:



REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY:	DED	DESIGNED BY:	DED
SCALE:	REFER TO DRAWING	CHECKED BY:	DED
DATE:	12/10/25	JOB NO.:	DA#25104

SHEET DESCRIPTION:

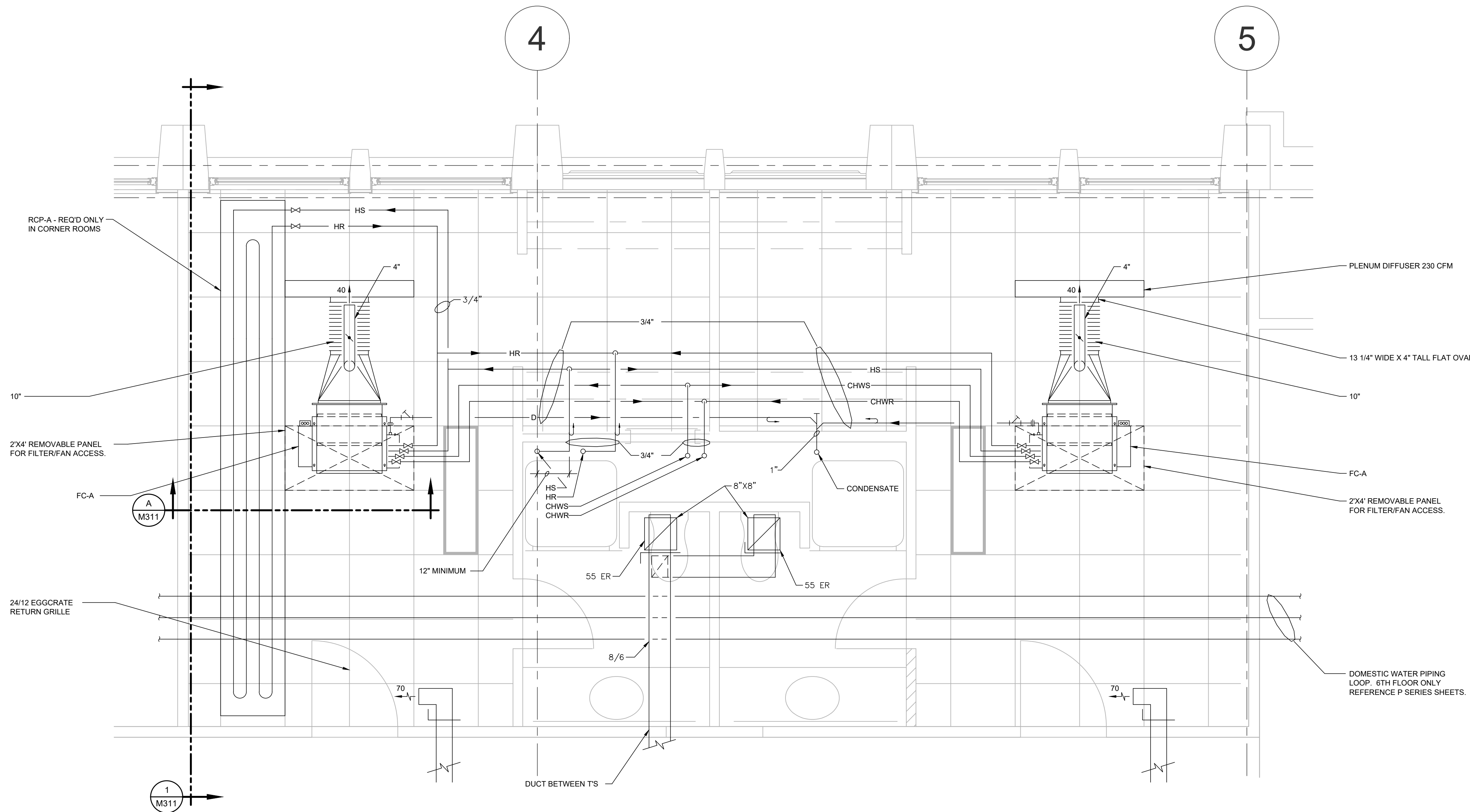
**ENLARGED
TYPICAL ROOM -
MECHANICAL**

SHEET NUMBER:

M311

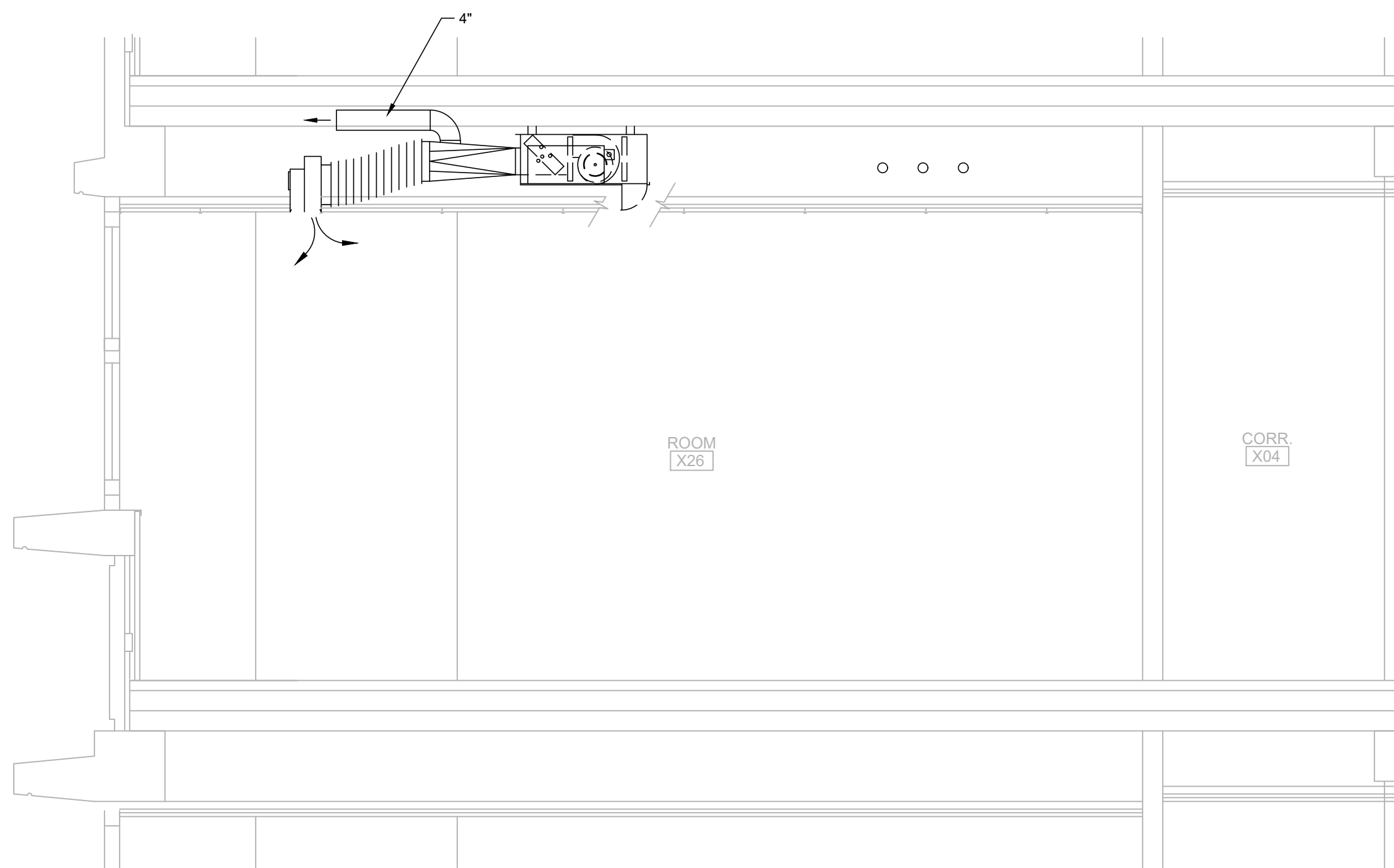
RENOVATION LEGEND:

- WORK TO BE INSTALLED
 WORK TO REMAIN



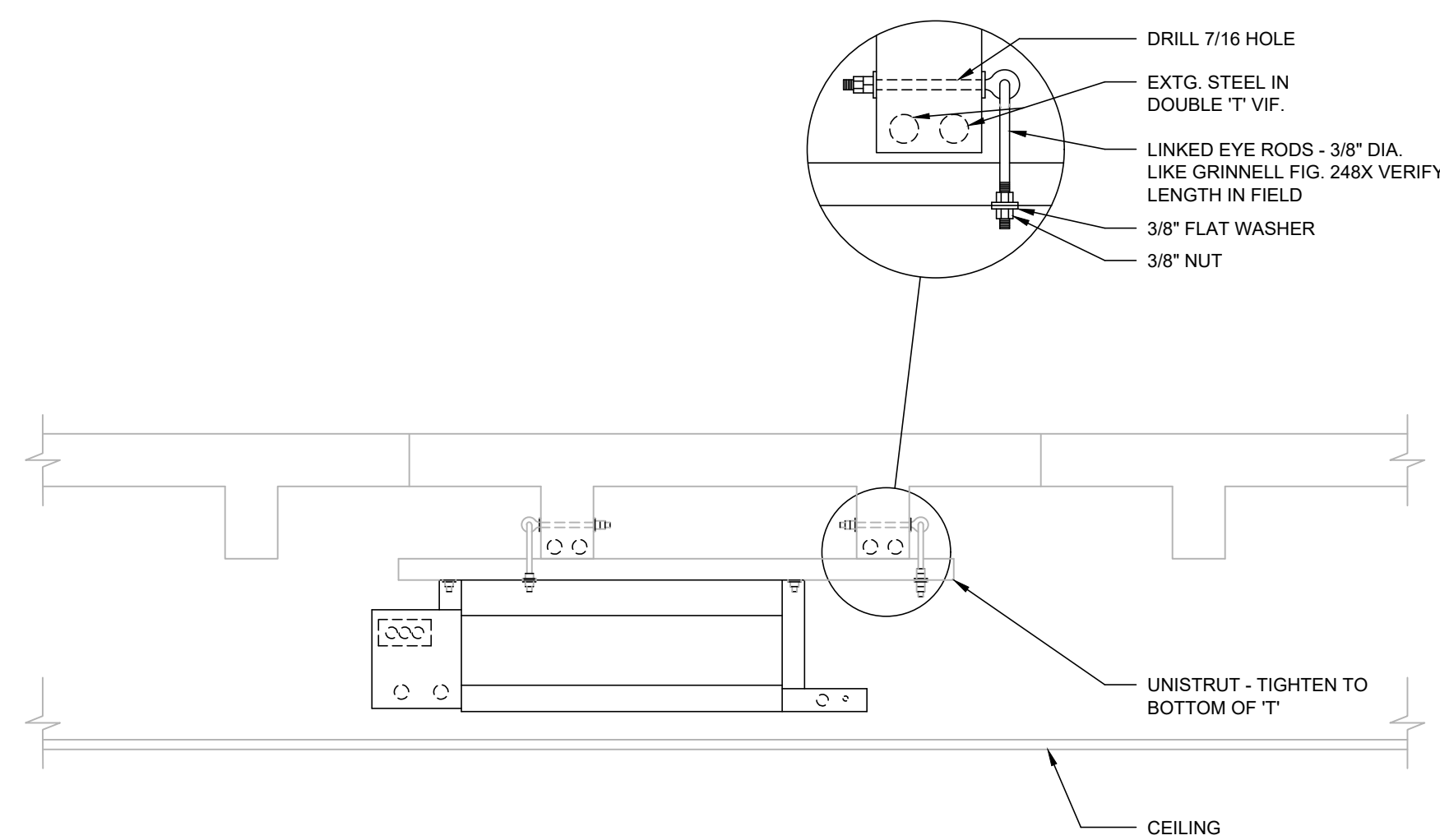
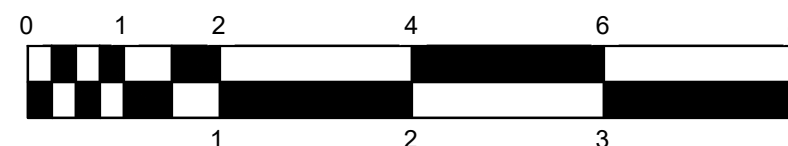
ENLARGED TYPICAL ROOM - MECHANICAL

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



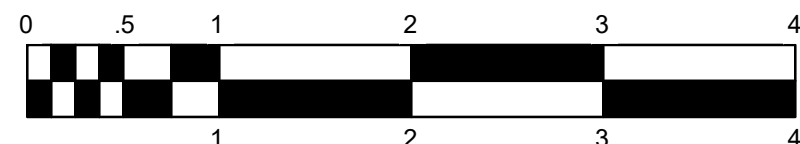
SECTION - 1

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



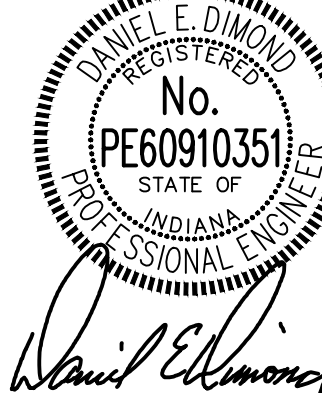
**DETAIL 'A'
TYPICAL FAN COIL MOUNTING**

SCALE: 1" = 1'-0"



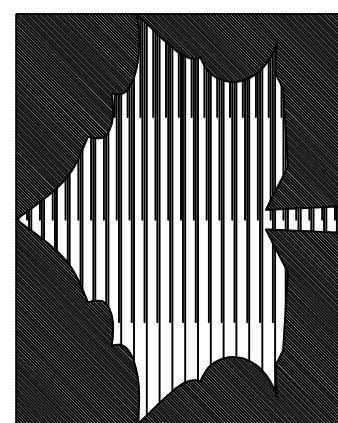
THIS SHEET FOR REFERENCE ONLY.

CERTIFIED BY:


REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
 ISU BID #B0028696
TERRE HAUTE, INDIANA



PROJECT DESCRIPTION:

KEYPLAN



DRAWN BY:	DED	DESIGNED BY:	DED
SCALE:	REFER TO DRAWING	CHECKED BY:	DED
DATE:	12/10/25	JOB NO.:	DA#25104

SHEET DESCRIPTION:

SCHEDULES
AND DETAILS -
MECHANICAL

SHEET NUMBER:

M401

FAN COIL SCHEDULE

MARK NO.	DRAWING NAME &OR PURPOSE	SPEC. NAME	MFGR. & MODEL NUMBER	FAN			VOLTAGE	HP	COOLING COIL										HEATING COIL										REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				LOW	MED	HIGH			MIN. BTU	EAT DB WB	LAT DB WB	CHILLED WATER EWT LWT	WATER FLOW (GPM)	MIN. ROWS DEEP	MAX. FPI	MAX. FACE VELOCITY	MAX. APD	MAX. WPD	MIN. BTU	EAT	LAT	HEATING WATER EWT LWT	WATER FLOW (GPM)	MIN. ROWS	MAX. FPI	MAX. FACE VELOCITY	MAX. APD (IN.)	MAX. WPD (F+)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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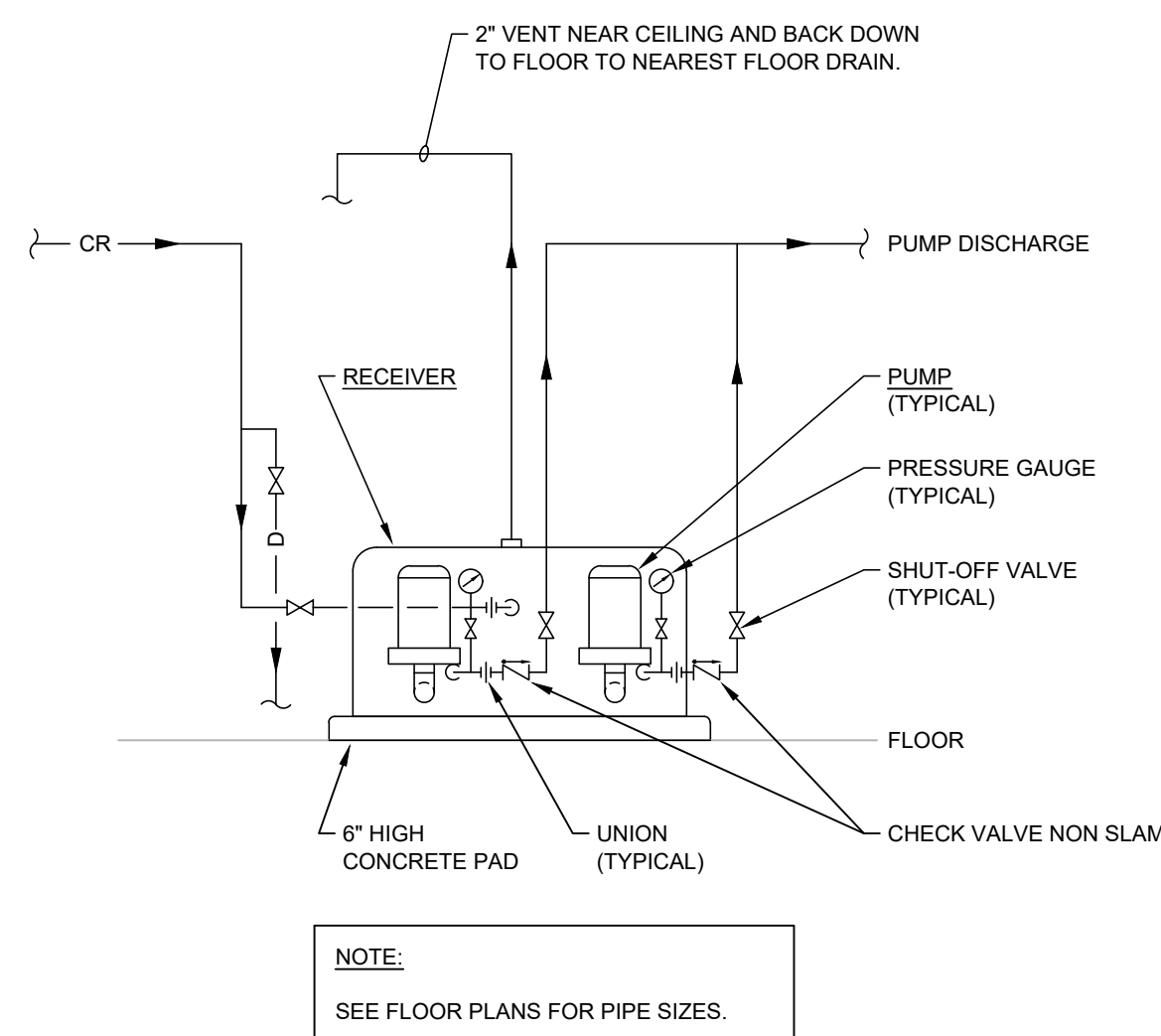
EQUIPMENT TYPE
 FC-AX1
 SIZE FLOOR NUMBER IDENTIFICATION

MISCELLANEOUS EQUIPMENT SCHEDULE

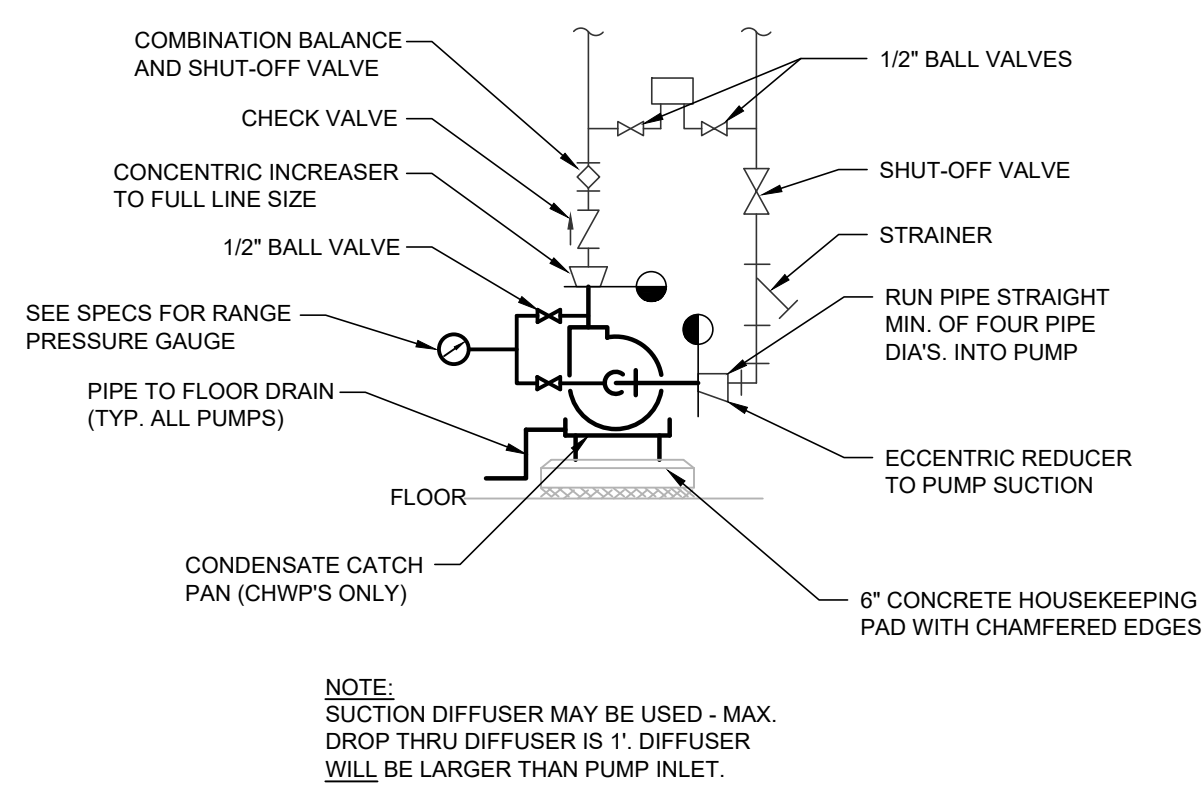
MARK NO.	DRAWING NAME &/ OR PURPOSE	SPECIFICATION NAME	MANUFACTURER & MODEL #	ELECT. DATA			WT.	REMARKS
				HP/ KW	VOLT	PH.		
STHX	BUILDING HEAT HINES	SHELL & TUBE HEAT EXCHANGER	B&G MODEL: SU106-2	-	-	-		3,200 MBH, 3332 PPH, 5L.B. STEAM, 150°F EWT, 180°F LWT, 218 GPM, 1.1" DIFFERENTIAL PRESSURE, 5.06 FPS, 2 PASS, 10" SHELL DIAMETER, 6" FLANGED STM, 1.5" NPT COND., 4 0" NPT TRAP.

PUMP SCHEDULE

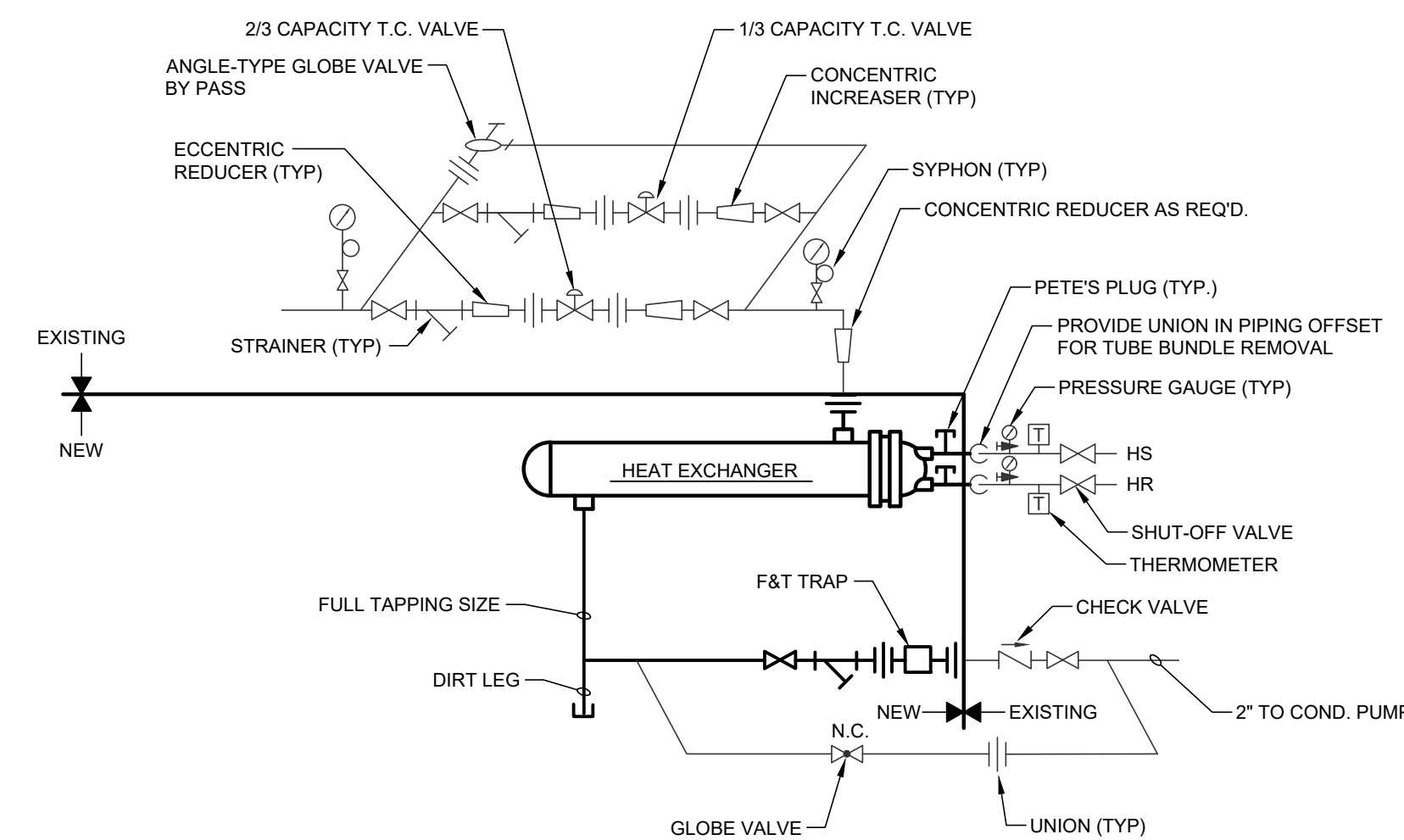
MARK NO.	DRAWING NAME &/ OR PURPOSE	SPECIFICATION NAME	MANUFACTURER & MODEL #	CIRCULATING FLUID				% EFF.	MOTOR DATA			WT. LBS.	REMARKS
				FLUID	GPM	PUMP HEAD FT. FLUID	TEMP °F		HP/ KW	VOLT	PH.		
CHWP-A	CAMPUS LOOP CHILLED WATER PUMP	BASE MOUNTED END SUCTION	B&G 1510 6BC	WATER	2025	60'	50'	82	40 HP	480	3	995#	1750 RPM; COMPLETE WITH DRIP PAN PIPED TO FLOOR DRAIN. MOTOR DESIGNED FOR VFD SERVICE. ONE PUMP STANDBY.
HWP-A	HEATING WATER PUMP	BASE MOUNTED END SUCTION	B&G 1510 2E	WATER	210	115'	180	69.5	10 HP	208	3	385#	1750 RPM; MOTOR DESIGNED FOR VFD SERVICE. ONE PUMP STANDBY.
CHWP-B	HINES/JONES CHILLED WATER PUMP	BASE MOUNTED END SUCTION	B&G 1510 3G	WATER	500	160'	50	75	30 HP	208	3	770#	1750 RPM; COMPLETE WITH DRIP PAN PIPED TO FLOOR DRAIN. MOTOR DESIGNED FOR VFD SERVICE. ONE PUMP STANDBY.
DCP-A	DUPLEX CONDENSATE PUMP	BASE MOUNTED END SUCTION	SKIDMORE VCS-406	HOT CONDENSATE	60	138'	50	-	5 HP	480	3	-	65 GALLON CAST IRON RECEIVER. ELECTRIC ALTERNATOR WITH H-O-A, STARTERS AND DISCONNECTS. HIGH LEVEL ALARM CONTACT.



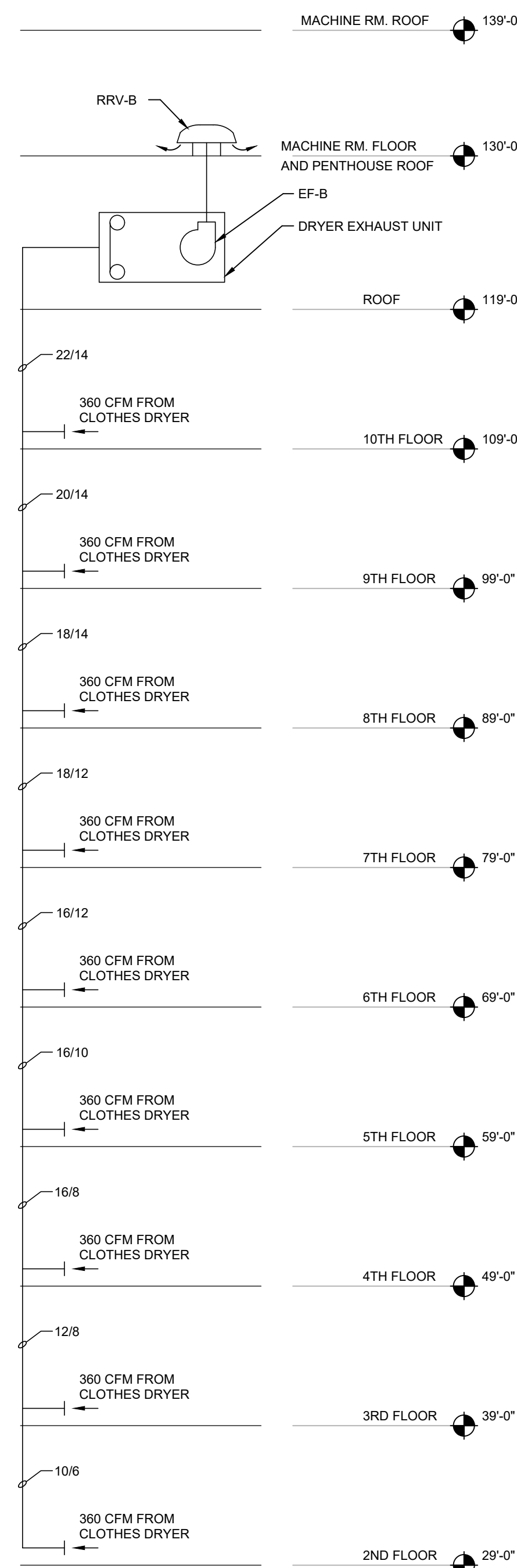
DETAIL 'C'
DUPLEX CONDENSATE PUMP PIPING
 NO SCALE



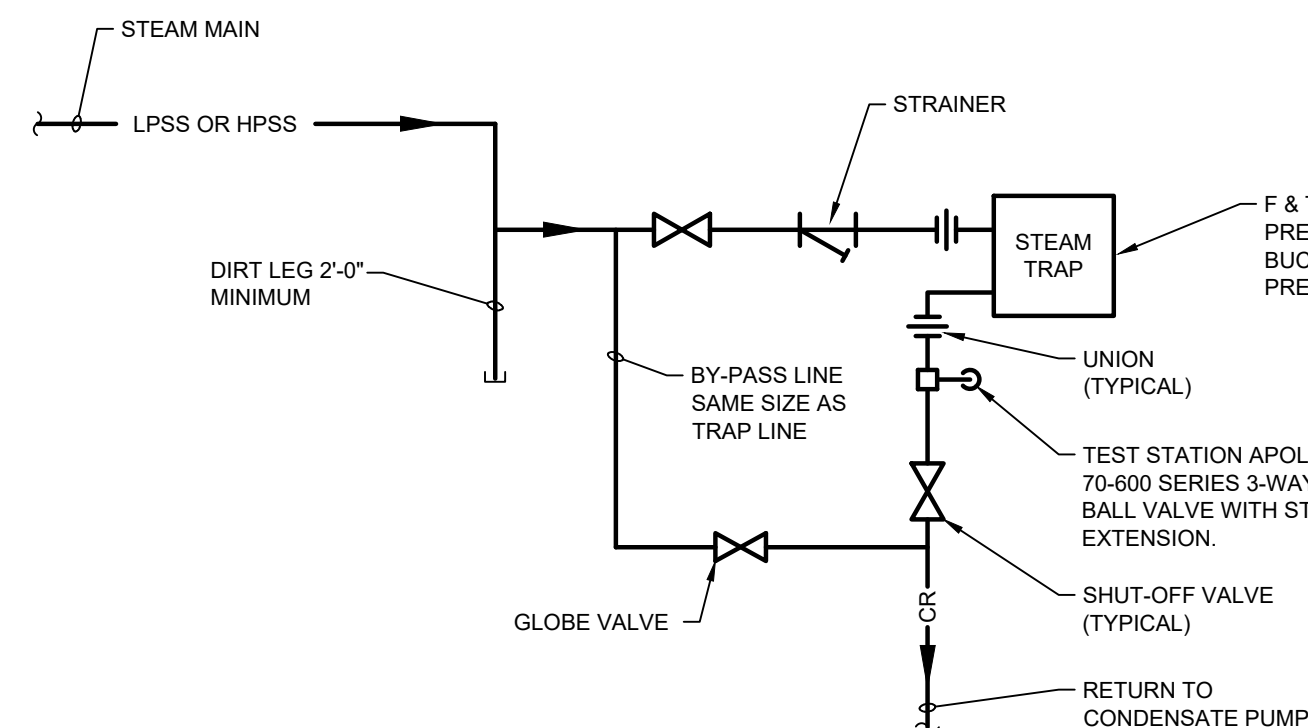
DETAIL 'B'
TYPICAL END SUCTION PUMP
PIPING SCHEMATIC FOR CLOSED SYSTEM
 NO SCALE



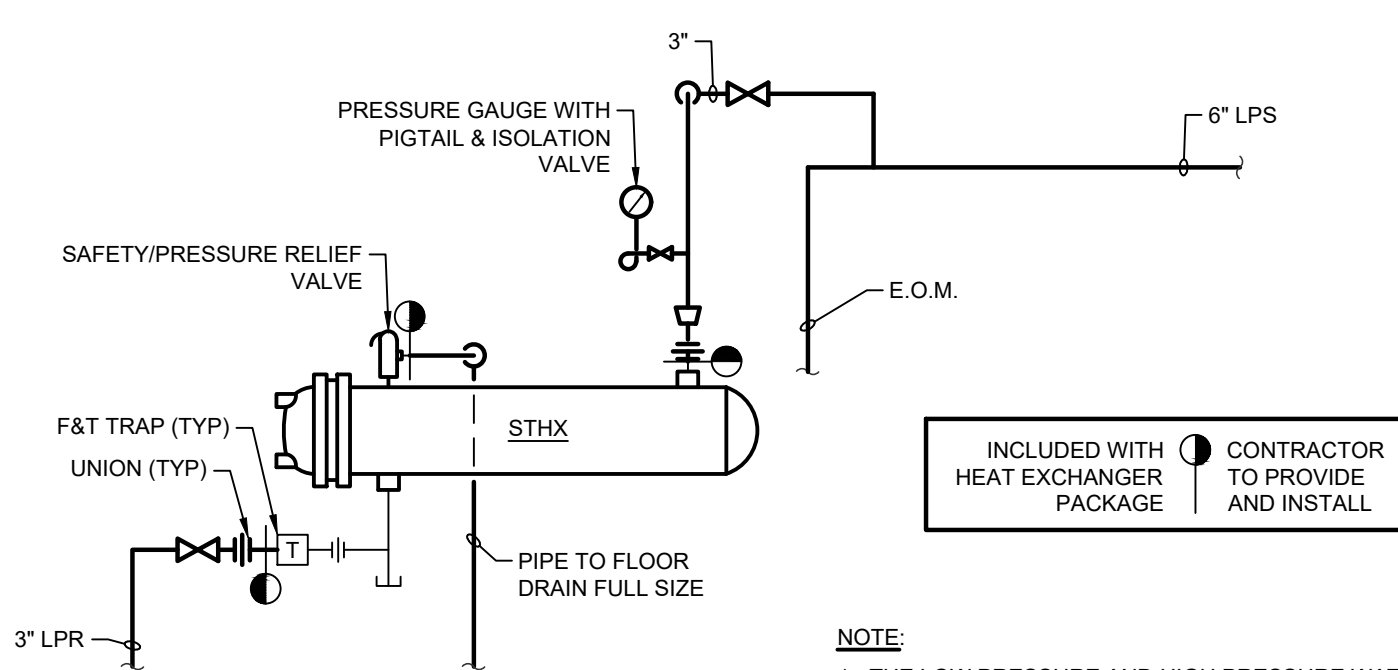
DETAIL 'A'
STEAM & TUBE HEAT EXCHANGER PIPING SCHEMATIC
 NO SCALE



RISER 'G'
EXHAUST FOR CLOTHES DRYER VENTS
 NO SCALE



DETAIL 'D'
END OF MAIN DRIP STEAM TRAP
 NO SCALE



DETAIL 'E'
STEAM DOMESTIC WATER
HEATER PIPING SCHEMATIC
 NO SCALE

TYPICAL FLOOR FAN COIL						
ROOM NUMBER	WORK DESCRIPTION					
	CHECK NON- OPERATIONAL UNIT	NOISEY FAN	FLUSH CHILLED WATER STRAINER	FLUSH HEATING WATER STRAINER	NO WORK	
2ND FLOOR						
CORE	X					
201					X	
202					X	
203					X	
204					X	
205					X	
206					X	
207					X	
208	X					
209					X	
210					X	
211					X	
212	X		X			
213					X	
214					X	
215					X	
216						
3RD FLOOR						
CORE	X					
301					X	
302					X	
303					X	
304					X	
305					X	
306					X	
307					X	
308					X	
309					X	
310	X					
311		X				
312					X	
313					X	
314					X	
315		X				
316					X	
4TH FLOOR						
CORE	X					
401	X					
402					X	
403	X					
404					X	
405					X	
406					X	
407					X	
408	X					
409	X					
410	X					
411					X	
412					X	
413					X	
414					X	
415					X	
416	X					
5TH FLOOR						
CORE	X					
501					X	
502		X				
503		X				
504					X	
505		X				
506					X	
507	X					
508					X	
509	X		X			
510					X	
511	X					
512					X	
513					X	
514		X				
515	X					
516					X	
6TH FLOOR						
CORE	X					
601		X				
602	X		X			
603					X	
604		X				
605					X	
606					X	
607					X	
608	X					
609					X	
610	X					
611					X	
612	X	X	X			
613		X				
614					X	
615					X	
616	X					

TYPICAL FLOOR FAN COIL						
ROOM NUMBER	WORK DESCRIPTION					
	CHECK NON- OPERATIONAL UNIT	NOISEY FAN	FLUSH CHILLED WATER STRAINER	FLUSH HEATING WATER STRAINER	NO WORK	
7TH FLOOR						
CORE	X					
701					X	
702					X	
703					X	
704					X	
705					X	
706					X	
707	X		X			
708					X	
709					X	
710	X					
711	X					
712					X	
713	X					
714	X					
715					X	
716					X	
8TH FLOOR						
CORE	X					
801					X	
802					X	
803					X	
804					X	
805	X					
806					X	
807	X		X			
808	X					
809					X	
810	X		X			
811					X	
812	X					
813					X	
814					X	
815					X	
816	X		X			
9TH FLOOR						
CORE	X					
901					X	
902	X			X		
903					X	
904					X	
905					X	
906	X		X			
907					X	
908	X					
909	X		X			
910					X	
911	X		X			
912					X	
913					X	
914					X	
915					X	
916	X		X			
10TH FLOOR						
CORE	X					
1001					X	
1002	X	X				
1003					X	
1004					X	
1005					X	
1006					X	
1007					X	
1008					X	
1009					X	
1010					X	
1011					X	
1012					X	
1013					X	
1014					X	
1015					X	
1016					X	

WORK DESCRIPTION:

NON-OPERATIONAL UNIT

PROVIDE A COMPLETE INVESTIGATION OF ALL UNIT COMPONENTS AND DETERMINE WHY UNIT IS NOT PROPERLY OPERATING. WORK INCLUDES CHECKING HEATING WATER CONTROL VALVE, CHILLED WATER CONTROL VALVE, UNIT CONTROLLER, FAN / MOTOR ASSEMBLY AND THERMOSTAT. PROVIDE A WORK LIST FOR EACH ROOM FAN COIL LISTING DEFECTIVE COMPONENTS.

NOISEY FAN

REMOVE UNIT COVER TO DETERMINE WHY FAN IS NOISEY.

NOTE:

1. SEE M401 FOR FAN COIL UNIT MANUFACTURER AND SIZE.

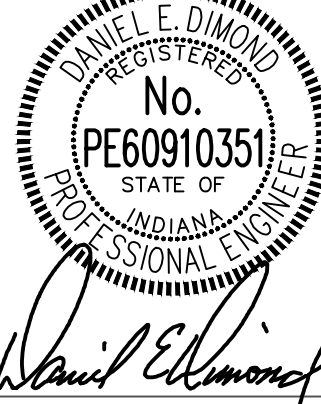
FLUSH CHILLED WATER STRAINER

OPEN STRAINER AND FLUSH. MAKE NOTE OF WATER QUALITY. CONFIRM CHILLED WATER VALVE IS FULLY OPENING. WHEN VALVE IS FULLY OPEN, MEASURE CHILLED WATER FLOW AND RECORD.

FLUSH HEATING WATER STRAINER

OPEN STRAINER AND FLUSH. MAKE NOTE OF WATER QUALITY. CONFIRM HEATING WATER VALVE IS FULLY OPENING. WHEN VALVE IS FULLY OPEN, MEASURE HEATING WATER FLOW AND RECORD.

CERTIFIED BY:

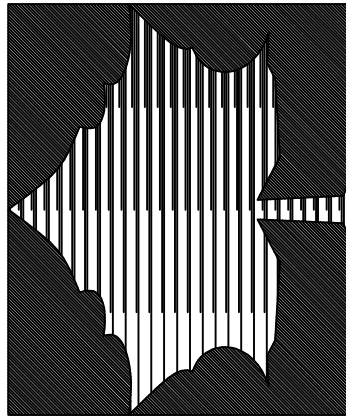


REVISIONS:

NO.	DESCRIPTION	DATE

INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA

PROJECT DESCRIPTION:



KEYPLAN



DRAWN BY: DED	DESIGNED BY: DED
SCALE: REFER TO DRAWING	CHECKED BY: DED
DATE: 12/10/25	JOB NO.: DA#25104

SHEET DESCRIPTION:

HINES
WORK SCHEDULE -
MECHANICAL

SHEET NUMBER:

M621H

TYPICAL FLOOR FAN COIL						
ROOM NUMBER	WORK DESCRIPTION					
	CHECK NON- OPERATIONAL UNIT	NOISEY FAN	FLUSH CHILLED WATER STRAINER	FLUSH HEATING WATER STRAINER	NO WORK	
2ND FLOOR						
CORE	X					
201	X					
202					X	
203	X					
204	X		X			
205					X	
206	X			X		
207	X			X		
208	X			X		
209	X		X	X		
210	X		X	X		
211	X					
212	X			X		
213	X			X		
214	X		X			
215	X			X		
216	X		X	X		
3RD FLOOR						
CORE	X					
301	X					
302	X			X		
303	X		X	X		
304	X			X		
305	X					
306	X		X			
307	X			X		
308	X			X		
309	X			X		
310	X		X			
311	X		X			
312	X			X		
313	X			X		
314	X			X		
315					X	
316	X		X	X		
4TH FLOOR						
CORE	X					
401	X			X		
402	X		X	X		
403	X			X		
404	X			X		
405	X			X		
406	X			X		
407	X			X		
408	X	X		X		
409	X		X			
410	X			X		
411	X			X		
412	X					
413	X		X	X		
414	X		X	X		
415	X		X	X		
416	X		X	X		
5TH FLOOR						
CORE	X					
501	X			X		
502	X					
503	X		X	X		
504	X		X			
505	X			X		
506	X			X		
507					X	
508	X		X			
509	X			X		
510	X			X		
511					X	
512					X	
513	X			X		
514	X		X	X		
515	X			X		
516	X			X		
6TH FLOOR						
CORE	X					
601	X			X		
602					X	
603	X			X		
604	X		X	X		
605	X			X		
606	X			X		
607	X			X		
608	X			X		
609	X			X		
610	X			X		
611	X			X		
612	X			X		
613	X			X		
614	X			X		
615					X	
616	X			X		

TYPICAL FLOOR FAN COIL						
ROOM NUMBER	WORK DESCRIPTION					
	CHECK NON- OPERATIONAL UNIT	NOISEY FAN	FLUSH CHILLED WATER STRAINER	FLUSH HEATING WATER STRAINER	NO WORK	
7TH FLOOR						
CORE	X					
701	X					
702	X		X			
703	X		X			
704	X					
705	X		X			
706	X		X			
707	X		X			
708	X					
709	X		X			
710	X		X			
711	X	X				
712	X		X			
713	X		X			
714	X		X			
715	X		X			
716					X	
8TH FLOOR						
CORE	X					
801	X			X		
802	X			X		
803	X			X		
804	X			X		
805					X	
806	X					
807	X			X		
808	X			X		
809					X	
810	X		X			
811	X		X			
812					X	
813					X	
814	X			X		
815	X		X	X		
816	X		X			
9TH FLOOR						
CORE	X					
901	X			X		
902	X					
903	X			X		
904	X			X		
905					X	
906					X	
907	X					
908	X		X			
909	X		X	X		
910	X			X		
911					X	
912	X			X		
913	X			X		
914	X			X		
915					X	
916					X	
10TH FLOOR						
CORE	X					
1001					X	
1002					X	
1003					X	
1004					X	
1005	X		X			
1006	X		X			
1007	X					
1008					X	
1009	X		X			
1010	X	X				
1011	X		X			
1012					X	
1013					X	
1014					X	
1015	X		X			
1016	X		X			

WORK DESCRIPTION:

FOR DESCRIPTION OF WORK SEE M621H.

D&A #25104

R.E. Dimond

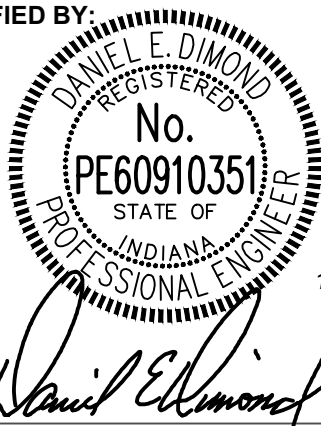
and Associates, Inc.



Consulting Engineers

732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

CERTIFIED BY:



REVISIONS:

NO.	DESCRIPTION	DATE

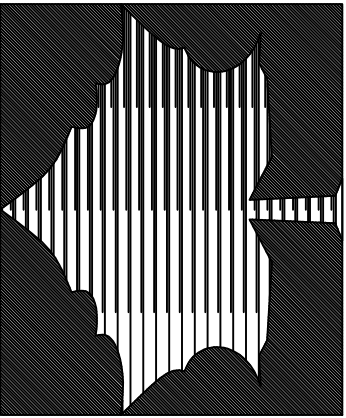
INDIANA STATE UNIVERSITY

2026 HINES AND JONES HALL REFRESH

ISU BID #B0028696

TERRE HAUTE, INDIANA

PROJECT DESCRIPTION:



KEYPLAN



DRAWN BY: DED

DESIGNED BY: DED

SCALE: REFER TO DRAWING

CHECKED BY: DED

DATE: 12/10/25

JOB NO.: DAW25104

SHEET DESCRIPTION:

JONES
WORK SCHEDULE -
MECHANICAL

SHEET NUMBER:

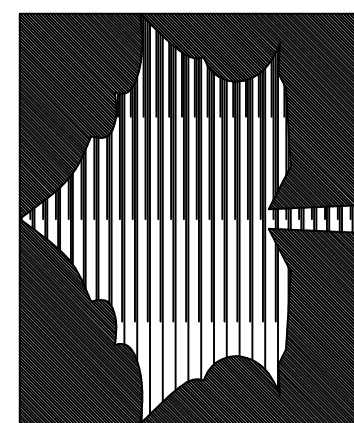
M621J

CERTIFIED BY:



12/10/25

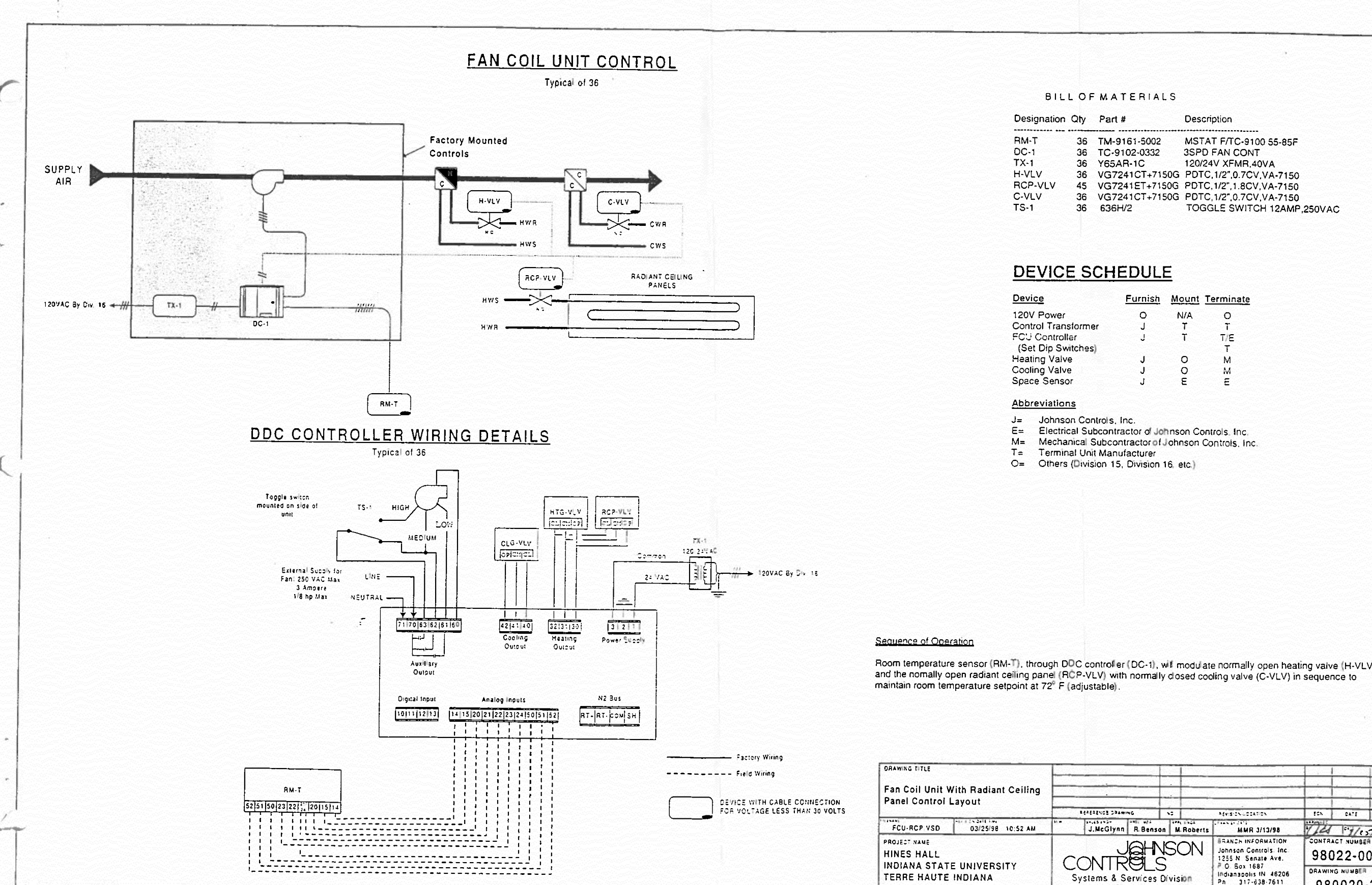
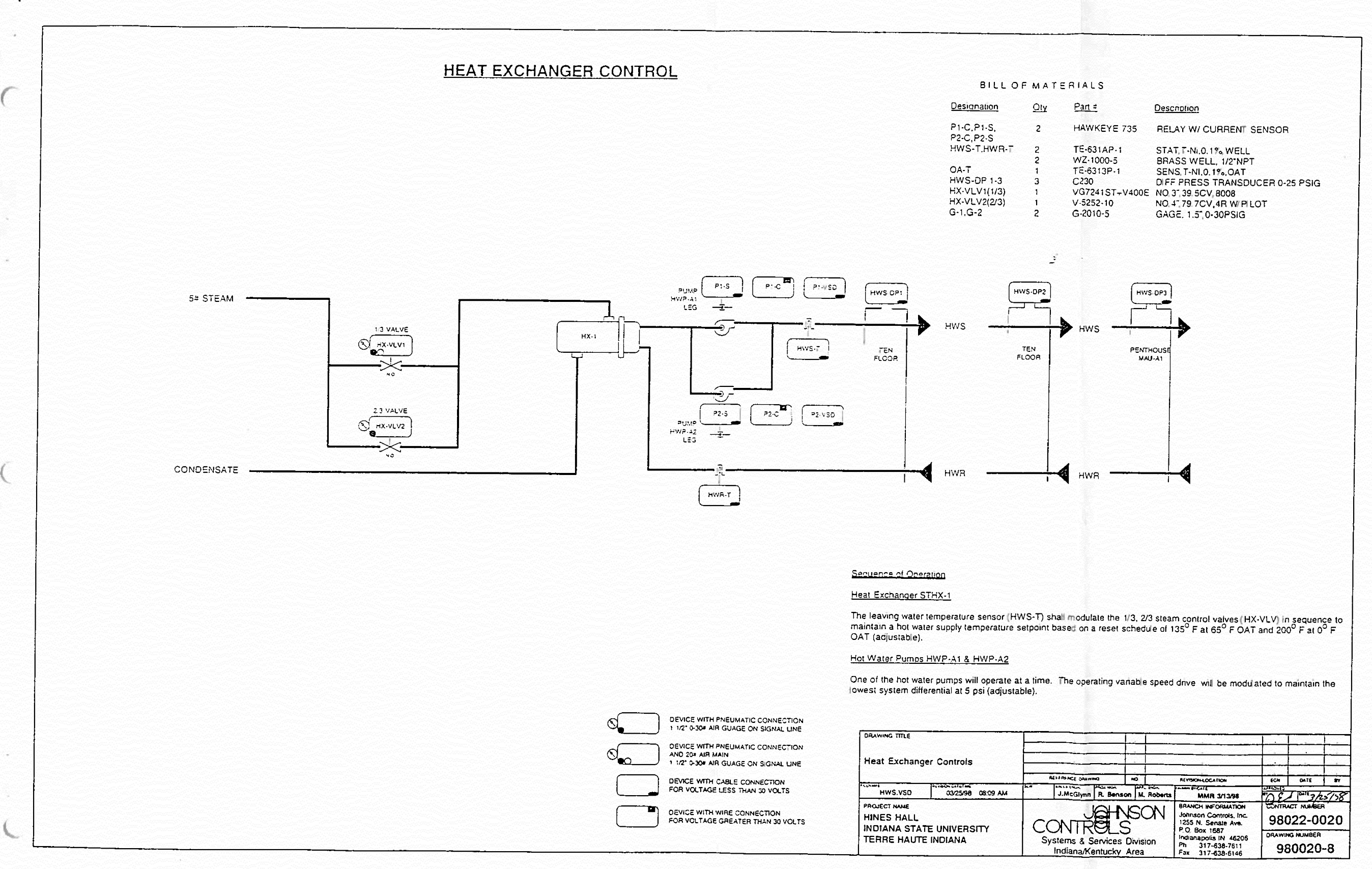
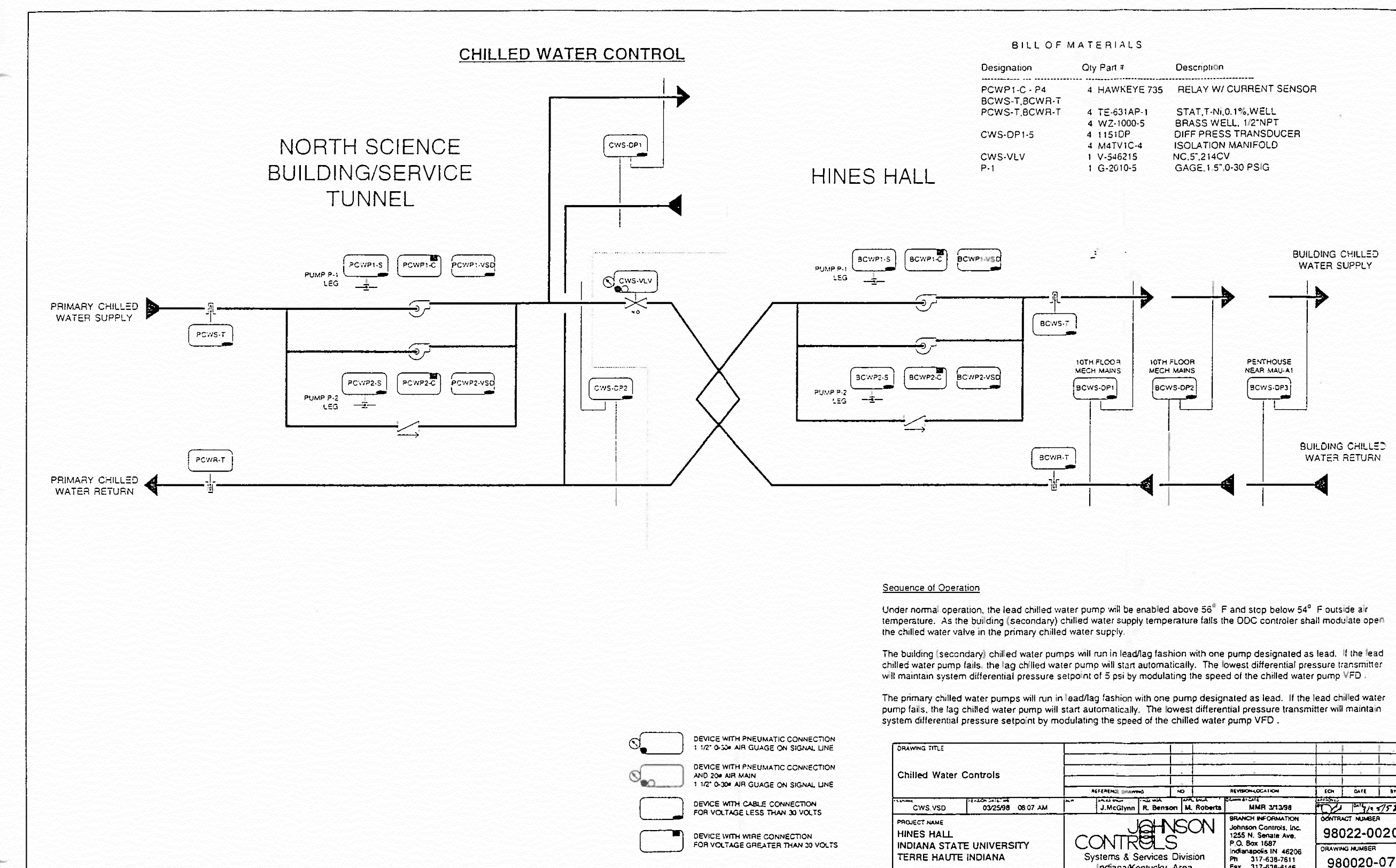
INDIANA STATE UNIVERSITY
2026 HINES AND JONES HALL REFRESH
ISU BID #B0028696
TERRE HAUTE, INDIANA



N

CONTROLS - MECHANICAL

M701



CHECK ALL PNEUMATIC DUAL DUCT ZONE DAMPERS FOR PROPER OPERATION. SEE M201 AND M202 FOR QUANTITY AND LOCATION OF ZONES.

THE CHILLED WATER SYSTEM CONSISTS OF THREE (3) CHILLED WATER PUMPS LOCATED IN HINES HALL BASEMENT. TWO (2) DPT'S, LOCATED ON 10TH FLOOR, CONTROL THESE PUMPS. ONE (1) DPT IN JONES IS LOCATED IN THE CLOSET OF ROOM 1004. THE DPT IN HINES IS LOCATED IN THE CLOSET OF ROOM 1008. CONFIRM PROPER OPERATION OF THE DPT'S AND RECONNECT TO NEW VFD'S. SEE PLANS FOR NEW VFD'S.

WORK DESCRIPTION - ALL FOUR (4) AIR HANDLING UNITS

TWO (2) AIR HANDLING UNITS ARE DUAL DUCT UNITS. ONE (1) IS LOCATED IN HINES HALL BASEMENT, AND THE OTHER IN JONES HALL BASEMENT.

THE OTHER TWO (2) UNITS ARE 100% OUTSIDE AIR UNITS WITH ENERGY RECOVERY WHEELS.

PROJECT SCOPE FOR EACH OF THESE FOUR (4) UNITS INCLUDES COMPLETE COMMISSIONING OF EACH UNIT WHICH INCLUDES A LIST OF ALL DEVICES FOUND DEFECTIVE, ALONG WITH AN ITEMIZED LIST OF REQUIRED REPAIRS INCLUDING COST OF THOSE REPAIRS. AHU SCHEMATICS ARE INCLUDED ON THESE DRAWINGS

1

SHEET NUMBER: