

# RESTORATION AND MODERNIZATION OF BUILDING 1471

## CAMP SHELBY JOINT FORCES TRAINING CENTER

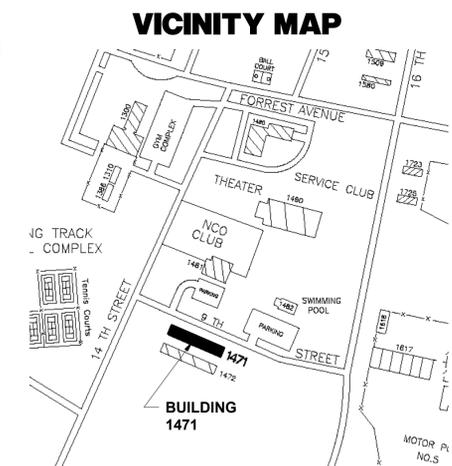
### CAMP SHELBY, MISSISSIPPI

PN: 28250013



**MISSISSIPPI ARMY NATIONAL GUARD**  
**BOBBY M. GINN, JR.**  
**MAJOR GENERAL, MISSISSIPPI NATIONAL GUARD**  
**THE ADJUTANT GENERAL OF MISSISSIPPI**

**MISSISSIPPI MILITARY DEPARTMENT**  
**STATE OF MISSISSIPPI**  
**1410 RIVERSIDE DRIVE**  
**JACKSON, MISSISSIPPI 39202-1271**



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A0.3	SITE PLAN - BUILDING 1471
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#### ARCHITECTURAL SHEET INDEX

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MD1.1	ENLARGED DEMOLITION FLOOR PLAN - EAST - HVAC
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M1.1	ENLARGED FLOOR PLAN - EAST - HVAC
M1.2	ENLARGED FLOOR PLAN - WEST - HVAC
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E4.1	DETAILS - ELECTRICAL
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**LANDRY KITCHENS GERMANY ARCHITECTS, P.A.**  
 5211 OLD HIGHWAY 11  
 HATTIESBURG, MS 39402  
 601-271-7711



BID SET

SHEET TITLE:  
TITLE SHEET

PROJECT: RESTORATION AND MODERNIZATION OF BUILDING 1471  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

DRAWN: CDB  
 CHECKED: SG

FINAL DATE: FEB. 18, 2026

REVISION SCHEDULE

REV # REV DATE

CN# 25-4137

SHEET NUMBER

**T1.1**



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601-271-7711



BID SET

SHEET TITLE:  
EXISTING SURVEY - BUILDING 1471

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RESTORATION AND MODERNIZATION OF BUILDING 1471

DRAWN  
CHECKED

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SHEET NUMBER

**A0.1**

CAD FILE: 75121283\_BLDG 1471 RC.dwg  
CCE PROJ.: 75121282  
SCALE: 1" = 20'  
SURVEYED: MARCH 24, 2025  
SURVEYED BY: R.A.  
DRAWN BY: R.C.

**DRAFT**

**CLEARPOINT  
ENGINEERS**  
  
6652 Highway 98 | Hattiesburg, MS 39402  
t 601.261.2609 | clearpointengineers.com

PREPARED FOR:  
**Landry Lewis  
Germany**

**TOPOGRAPHIC  
SURVEY**

Building 1471  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
FORREST COUNTY, MISSISSIPPI

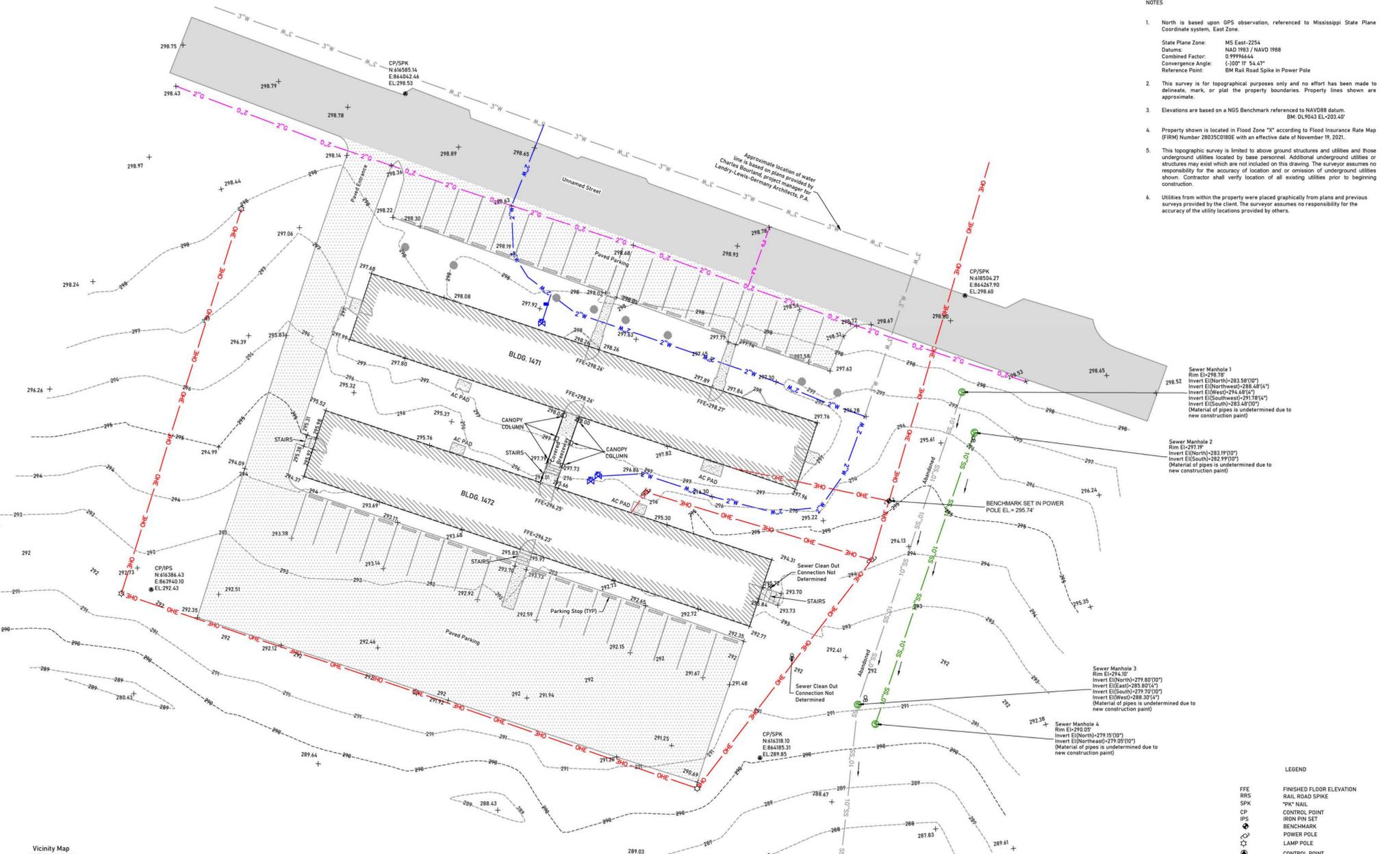
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**S1**

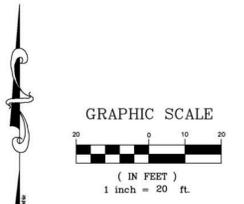
Sheet Size: 24"x36"

NOTES

- North is based upon GPS observation, referenced to Mississippi State Plane Coordinate system, East Zone.  
State Plane Zone: MS East-2254  
Datums: NAD 1983 / NAVD 1988  
Combined Factor: 0.9999644  
Convergence Angle: (-)00° 11' 54.47"  
Reference Point: BM Rail Road Spike in Power Pole
- This survey is for topographical purposes only and no effort has been made to delineate, mark, or plat the property boundaries. Property lines shown are approximate.
- Elevations are based on a NGS Benchmark referenced to NAVD88 datum.  
BM: DLV043 EL+203.40'
- Property shown is located in Flood Zone "X" according to Flood Insurance Rate Map (FIRM) Number 28035C0189E with an effective date of November 19, 2021.
- This topographic survey is limited to above ground structures and utilities and those underground utilities located by base personnel. Additional underground utilities or structures may exist which are not included on this drawing. The surveyor assumes no responsibility for the accuracy of location and/or omission of underground utilities shown. Contractor shall verify location of all existing utilities prior to beginning construction.
- Utilities from within the property were placed graphically from plans and previous surveys provided by the Client. The surveyor assumes no responsibility for the accuracy of the utility locations provided by others.



- REFERENCE MATERIAL
- Repairs to the Sanitary Sewer System Drainage Basin Camp Shelby Joint Forces Training Center Plan provided by Waggoner Dated March 2020.
  - CAD file of "Shelby Cantonment Map" provided by Charles Bourland, project manager, of Landry-Lewis-Germany Architects, P.A.



- LEGEND
- FFE FINISHED FLOOR ELEVATION
  - RRS RAIL ROAD SPIKE
  - SPK "PK" NAIL
  - CP CONTROL POINT
  - IPN IRON PIN SET
  - BEN BENCHMARK
  - PP POWER POLE
  - LP LAMP POLE
  - CP CONTROL POINT
  - CM CREPE MYRTLE
  - WM WATER METER
  - WV WATER VALVE
  - SCW SEWER CLEAN-OUT
  - SM SEWER MANHOLE
  - EGC EXISTING GROUND CONTOUR
  - ASL ABANDONED SEWER LINE LOCATED IN FIELD
  - 10" 10" SEWER LINE LOCATED IN FIELD
  - GLS GAS LINE LOCATED IN FIELD
  - OPL OVERHEAD POWER LINE
  - WALP WATER LINE AS PER PLANS
  - WLF WATER LINE LOCATED IN FIELD





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BID SET

SHEET TITLE:  
SITE PLAN - BUILDING 1471

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 28250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

DRAWN Author  
CHECKED Checker

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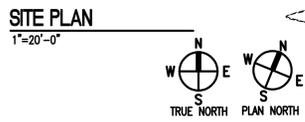
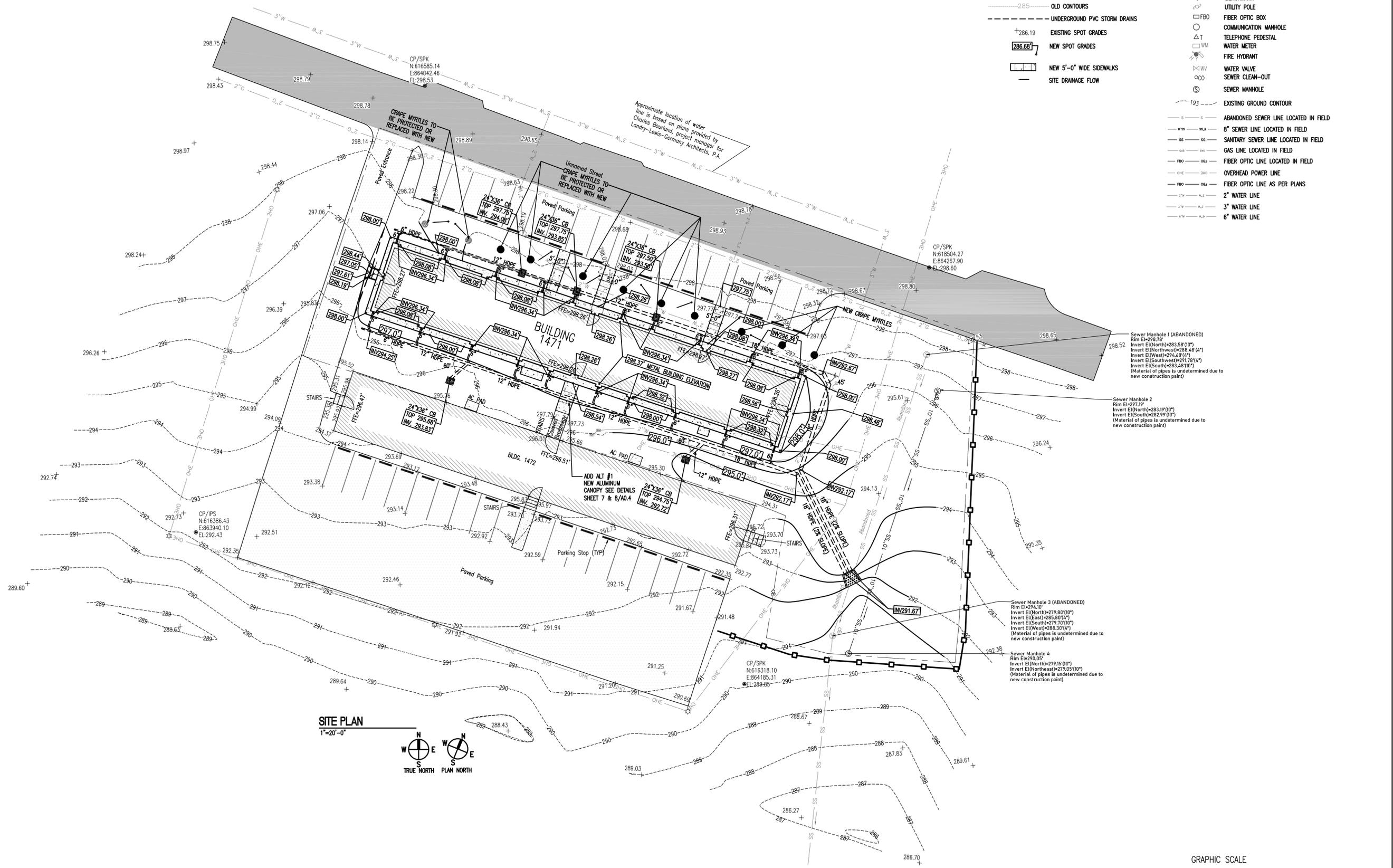
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**A0.3**

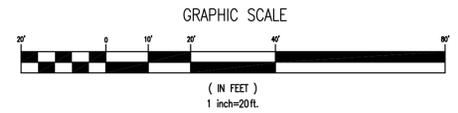
**LEGEND**

- |                                  |   |
|----------------------------------|---|
| --- DEMOLITION ITEMS             | ● CONTROL POINT                           |
| --- CONSTRUCTION LIMITS          | CP CONTROL POINT                          |
| --- SILT FENCE                   | RCP REINFORCED CONCRETE PIPE              |
| 271.0 NEW CONTOURS               | CPP CORRUGATED PLASTIC PIPE               |
| 289 EXISTING CONTOURS TO REMAIN  | ○ CAMP SIGN                               |
| 285 OLD CONTOURS                 | ○ BENCHMARK                               |
| --- UNDERGROUND PVC STORM DRAINS | ○ UTILITY POLE                            |
| +286.19 EXISTING SPOT GRADES     | ○ FBO FIBER OPTIC BOX                     |
| 286.88 NEW SPOT GRADES           | ○ COMMUNICATION MANHOLE                   |
| 1.1 NEW 5'-0" WIDE SIDEWALKS     | ○ TELEPHONE PEDESTAL                      |
| --- SITE DRAINAGE FLOW           | ○ WATER METER                             |
|                                  | ○ FIRE HYDRANT                            |
|                                  | ○ WATER VALVE                             |
|                                  | ○ SEWER CLEAN-OUT                         |
|                                  | ○ SEWER MANHOLE                           |
|                                  | ○ EXISTING GROUND CONTOUR                 |
|                                  | --- ABANDONED SEWER LINE LOCATED IN FIELD |
|                                  | --- 8" SEWER LINE LOCATED IN FIELD        |
|                                  | --- SANITARY SEWER LINE LOCATED IN FIELD  |
|                                  | --- GAS LINE LOCATED IN FIELD             |
|                                  | --- FIBER OPTIC LINE LOCATED IN FIELD     |
|                                  | --- OVERHEAD POWER LINE                   |
|                                  | --- FIBER OPTIC LINE AS PER PLANS         |
|                                  | --- 2" WATER LINE                         |
|                                  | --- 3" WATER LINE                         |
|                                  | --- 6" WATER LINE                         |



**GENERAL SITE NOTES:**  
1. SEE SHEET A0.2 FOR GENERAL SITE NOTES

**EARTHWORK NOTES**  
1. SEE SHEET A0.2 FOR EARTHWORK NOTES





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SHEET TITLE:  
SITE DETAILS

PROJECT:  
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PN: 28250013  
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CAMP SHELBY, MISSISSIPPI

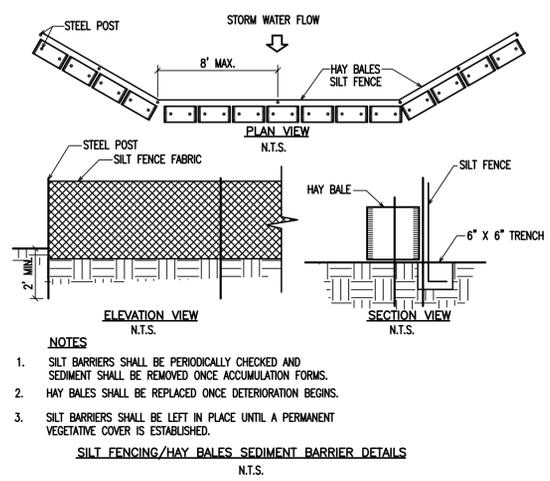
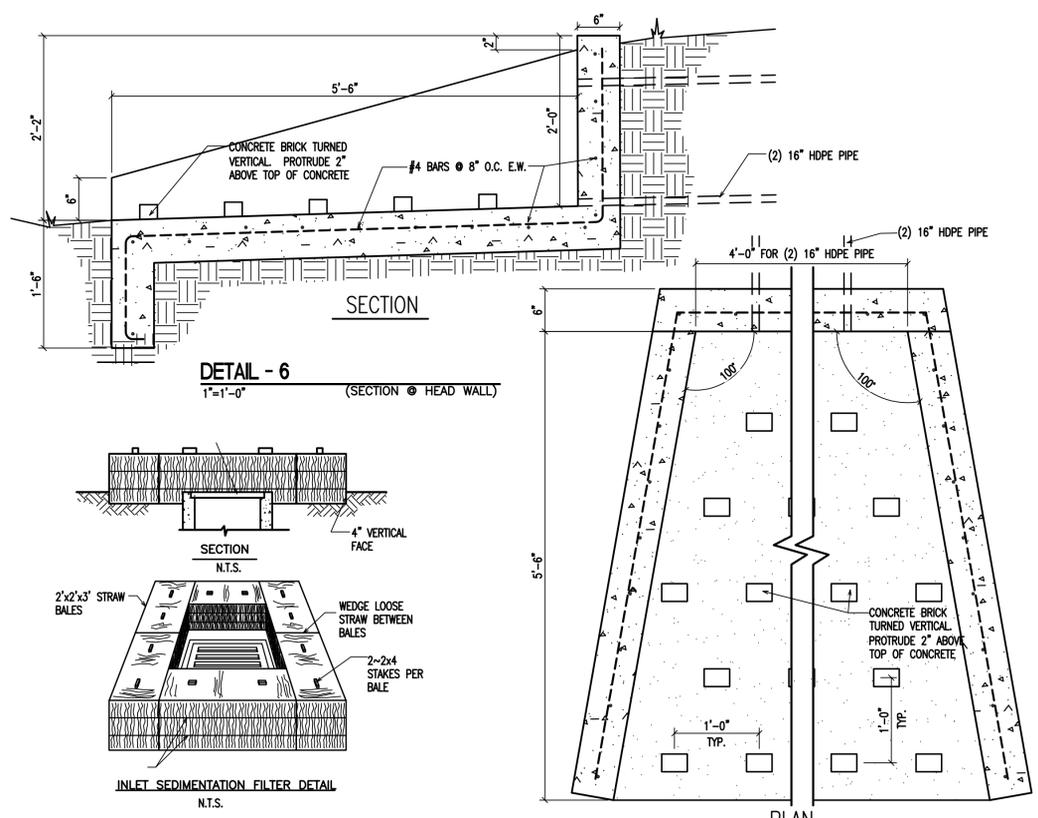
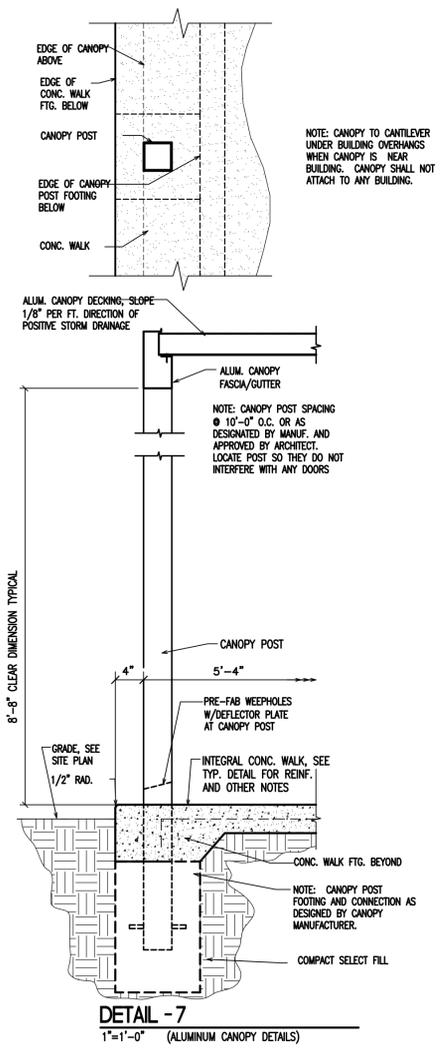
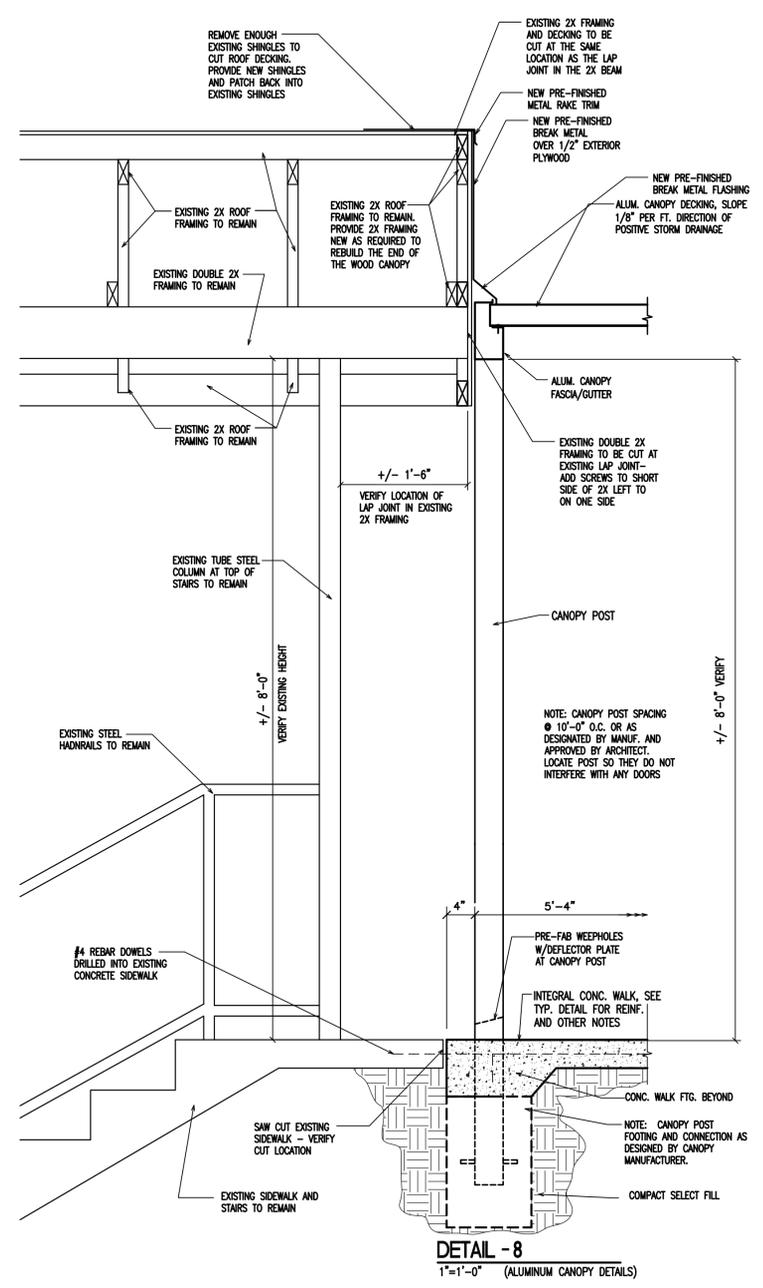
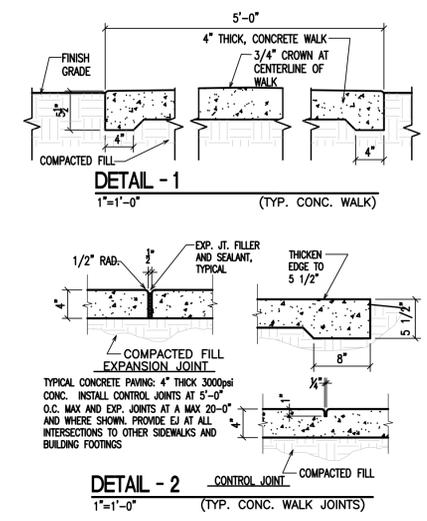
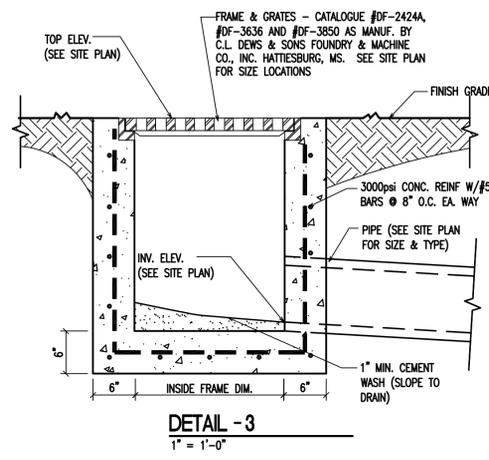
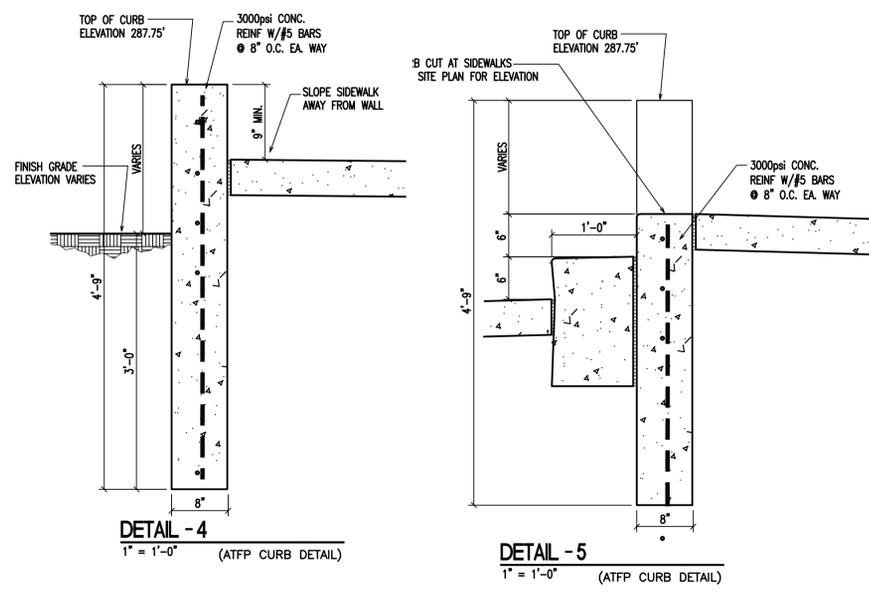
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**A0.4**



**A0.4**



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SEAL



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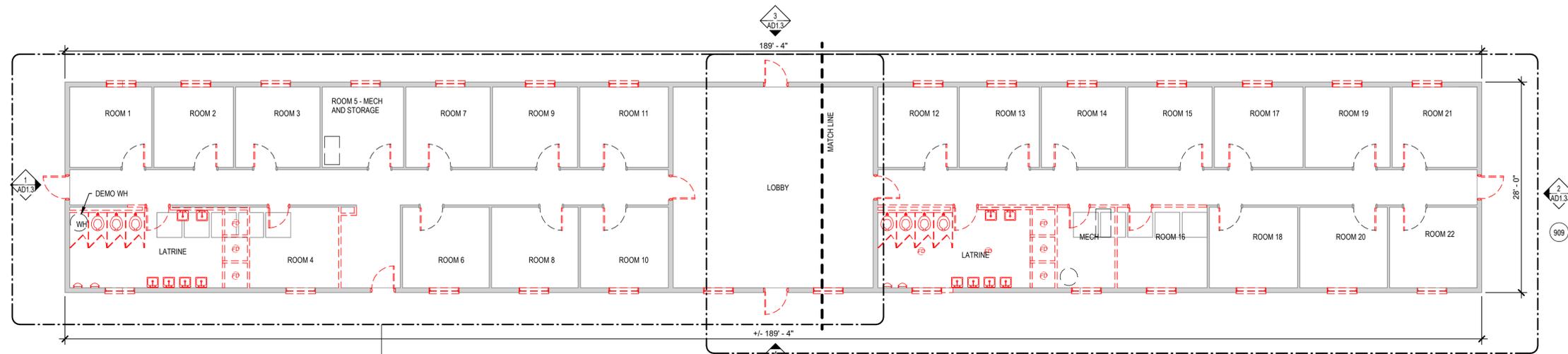
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EXISTING OVERALL DEMOLITION FLOOR PLAN AND ENLARGED  
DEMOLITION PLAN - EAST

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

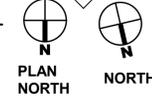
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SHEET NUMBER

AD1.1



EXISTING OVERALL FLOOR DEMO PLAN - 1  
1/8" = 1'-0"

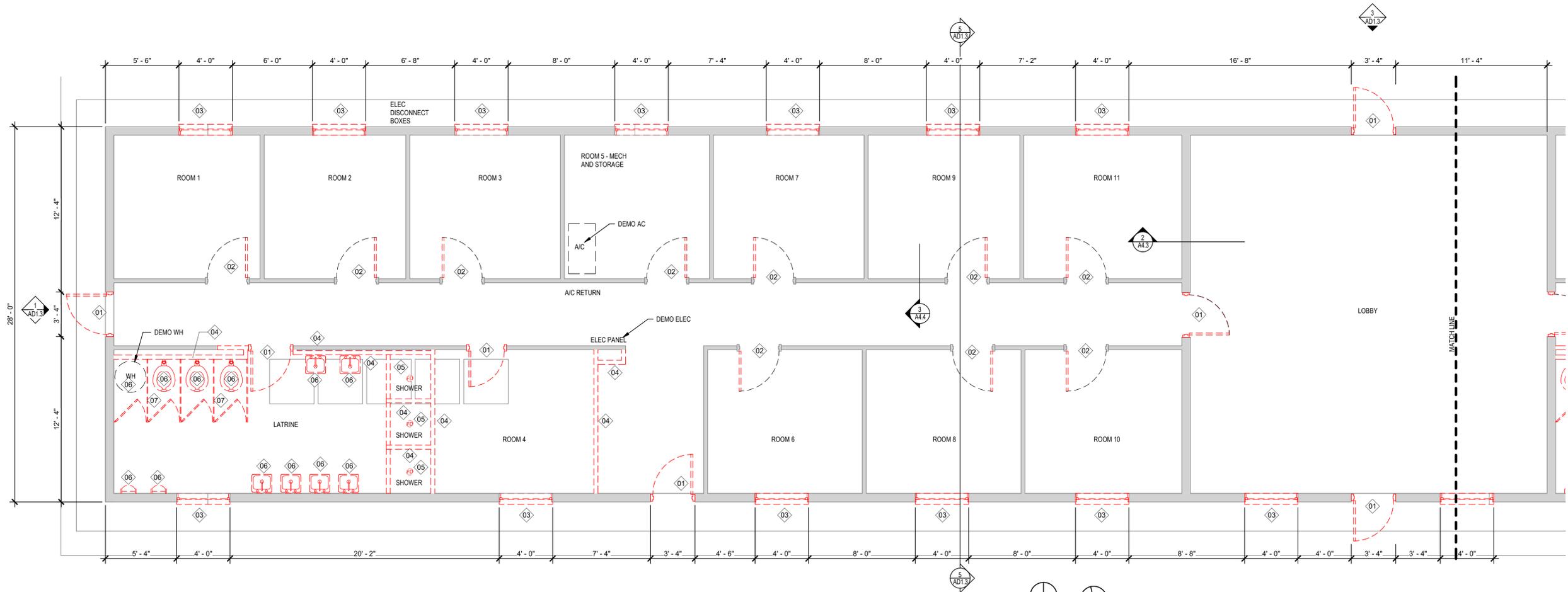


**KEYED DEMOLITION NOTES**

- 01 EXISTING DOOR AND FRAME TO BE REMOVED
- 02 EXISTING DOOR TO BE REMOVED - FRAME TO REMAIN
- 03 EXISTING WINDOW AND STORM WINDOW TO BE REMOVED
- 04 EXISTING WALL TO BE REMOVED
- 05 EXISTING SHOWER WALL AND FLOOR TILE TO BE REMOVED
- 06 EXISTING PLUMBING FIXTURES TO BE REMOVED
- 07 EXISTING TOILET PARTITIONS TO BE REMOVED

**DEMOLITION GENERAL NOTES**

1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FULLY FAMILIAR AND AWARE OF ANY AND ALL EXISTING CONDITIONS AND SITUATIONS. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING ALL WORK REQUIRED BY THE CONTRACT DOCUMENTS.
2. REFER TO FLOOR PLAN FOR LOCATIONS OF NEW CONSTRUCTION THAT WILL EFFECT THE AMOUNT OF DEMOLITION ON THIS DRAWING.
3. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
4. ALL EXISTING DIMENSIONS TO BE VERIFIED.
5. SEE SITE DEMOLITION PLAN FOR ADDITIONAL WORK.
6. REMOVE ALL EXISTING WOOD BASE.
7. ALL DOOR PANIC HARDWARE, LOCK CORES, DOOR CLOSURES AND DOOR HINGES TO BE REMOVED AND TURNED OVER TO CAMP SHELBY DPW (DEPARTMENT OF PUBLIC WORKS).
8. EXISTING FLOOR FINISH IS EPOXY COATING. PREPARE EXISTING FLOOR FINISH PER NEW FLOORING MANUFACTURER RECOMMENDATIONS.



ENLARGED FLOOR DEMOLITION PLAN - EAST - 2  
1/4" = 1'-0"





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SEAL



BID SET

SHEET TITLE:  
EXISTING ENLARGED DEMOLITION FLOOR PLAN - WEST

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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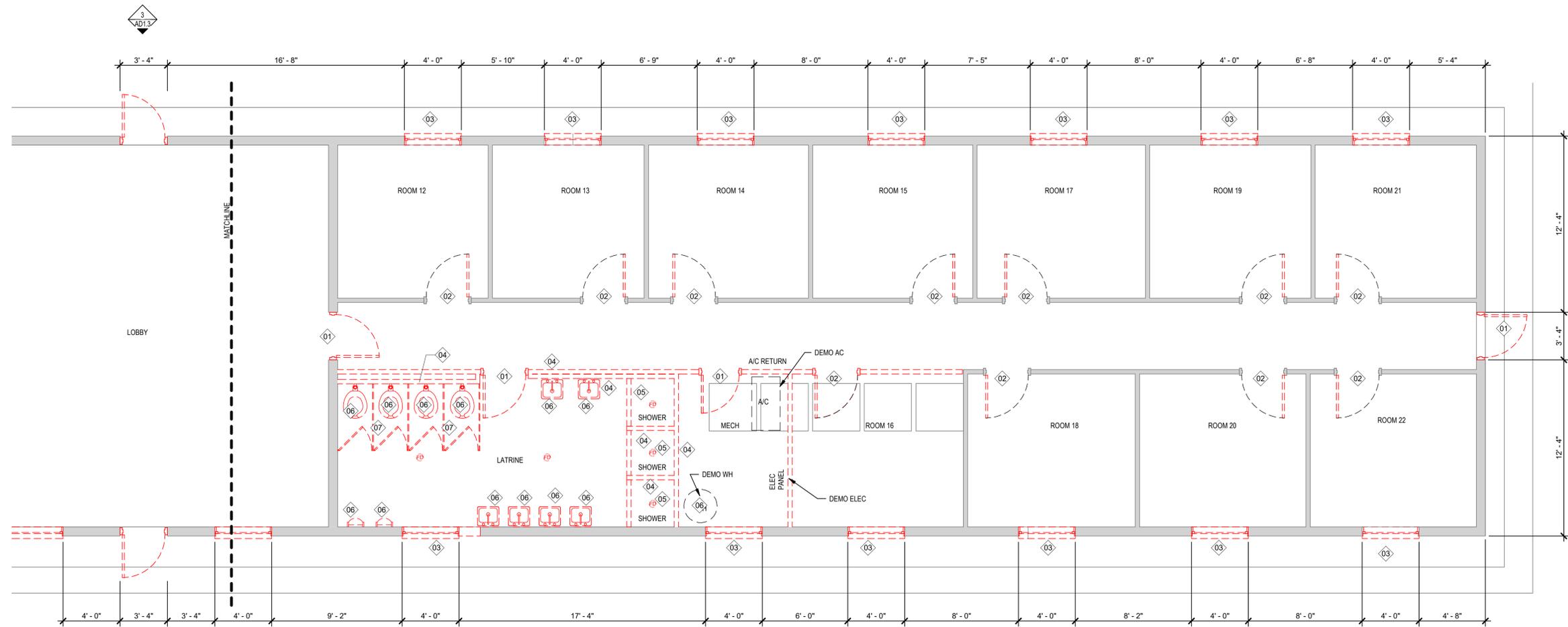
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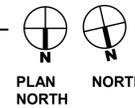
CN# 25-4137

SHEET NUMBER

**AD1.2**



ENLARGED FLOOR DEMO PLAN - 1  
1/4" = 1'-0"



**KEYED DEMOLITION NOTES**

- 01 EXISTING DOOR AND FRAME TO BE REMOVED
- 02 EXISTING DOOR TO BE REMOVED - FRAME TO REMAIN
- 03 EXISTING WINDOW AND STORM WINDOW TO BE REMOVED
- 04 EXISTING WALL TO BE REMOVED
- 05 EXISTING SHOWER WALL AND FLOOR TILE TO BE REMOVED
- 06 EXISTING PLUMBING FIXTURES TO BE REMOVED
- 07 EXISTING TOILET PARTITIONS TO BE REMOVED

**DEMOLITION GENERAL NOTES:**

1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FULLY FAMILIAR AND AWARE OF ANY AND ALL EXISTING CONDITIONS AND SITUATIONS. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING ALL WORK REQUIRED BY THE CONTRACT DOCUMENTS.
2. REFER TO FLOOR PLAN FOR LOCATIONS OF NEW CONSTRUCTION THAT WILL EFFECT THE AMOUNT OF DEMOLITION ON THIS DRAWING.
3. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
4. ALL EXISTING DIMENSIONS TO BE VERIFIED.
5. SEE SITE DEMOLITION PLAN FOR ADDITIONAL WORK.
6. REMOVE ALL EXISTING WOOD BASE.
7. ALL DOOR PANIC HARDWARE, LOCK CORES, DOOR CLOSURES AND DOOR HINGES TO BE REMOVED AND TURNED OVER TO CAMP SHELBY DPW (DEPARTMENT OF PUBLIC WORKS).
8. EXISTING FLOOR FINISH IS EPOXY COATING. PREPARE EXISTING FLOOR FINISH PER NEW FLOORING MANUFACTURER RECOMMENDATIONS.



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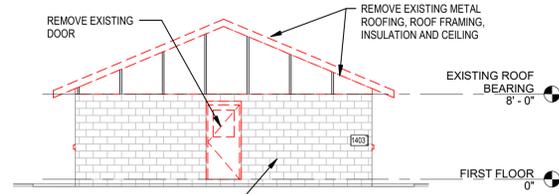
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EXISTING DEMOLITION ELEVATIONS AND DEMOLITION BUILDING SECTION

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

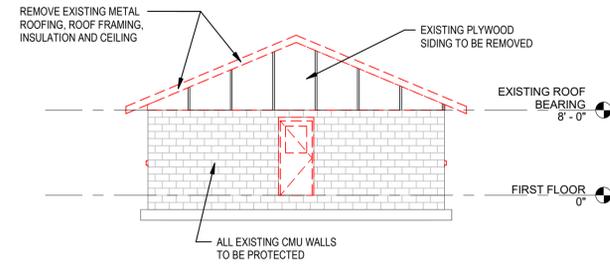
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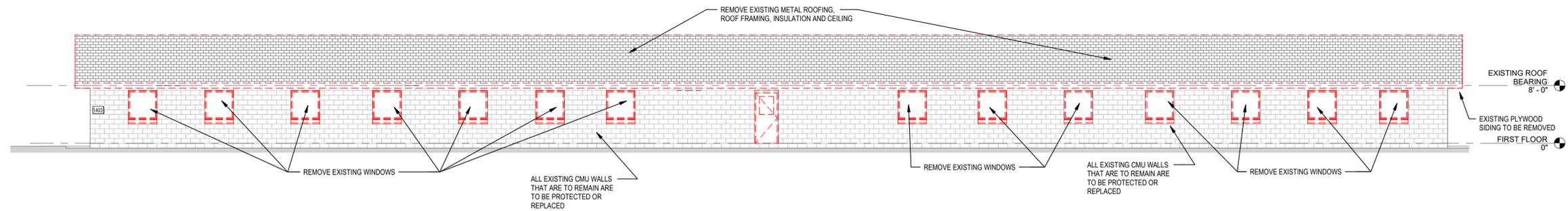
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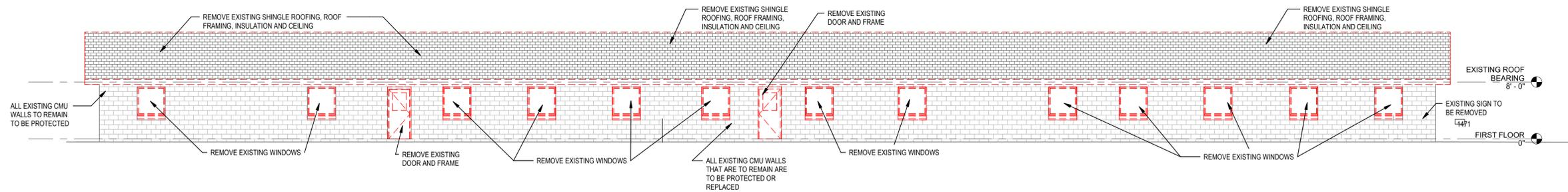
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1/8" = 1'-0"



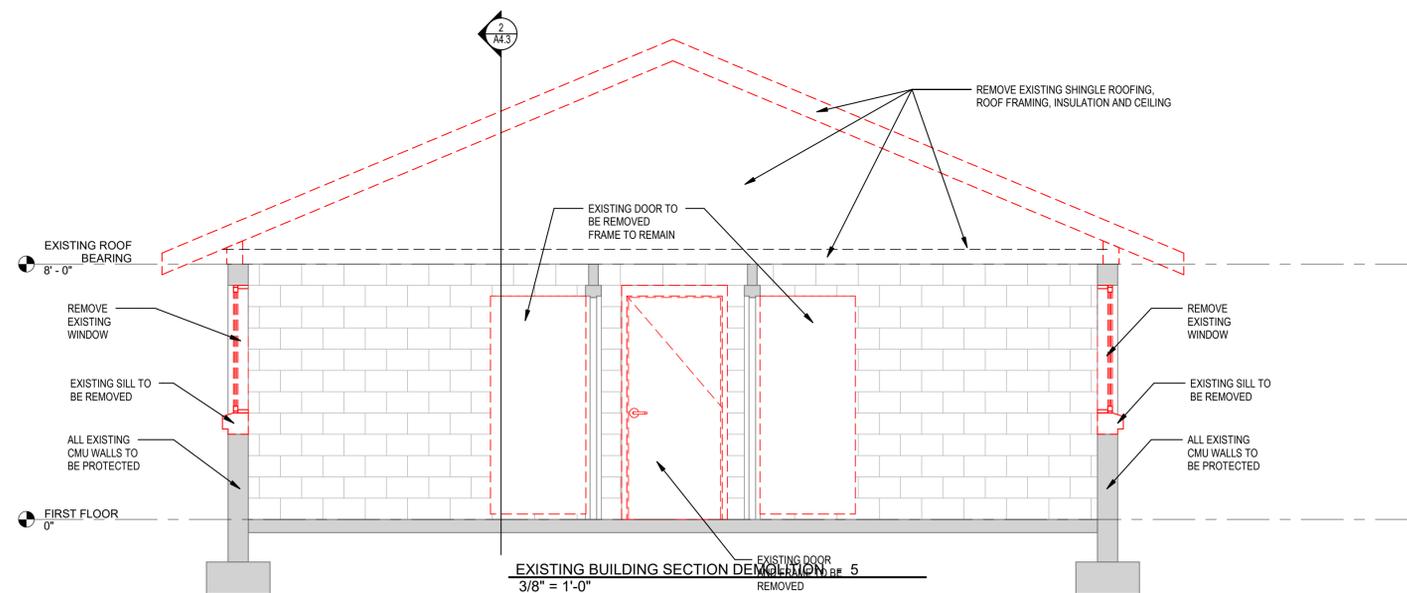
EXISTING WEST ELEVATION DEMOLITION - 2  
1/8" = 1'-0"



EXISTING SOUTH ELEVATION DEMOLITION - 3  
1/8" = 1'-0"



EXISTING NORTH ELEVATION DEMOLITION - 4  
1/8" = 1'-0"



EXISTING BUILDING SECTION DEMOLITION - 5  
3/8" = 1'-0"

DEMOLITION GENERAL NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FULLY FAMILIAR AND AWARE OF ANY AND ALL EXISTING CONDITIONS AND SITUATIONS. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING ALL WORK REQUIRED BY THE CONTRACT DOCUMENTS.
2. REFER TO FLOOR PLAN FOR LOCATIONS OF NEW CONSTRUCTION THAT WILL EFFECT THE AMOUNT OF DEMOLITION ON THIS DRAWING.
3. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
4. ALL EXISTING DIMENSIONS TO BE VERIFIED.
5. SEE SITE DEMOLITION PLAN FOR ADDITIONAL WORK.
6. REMOVE ALL EXISTING WOOD BASE.
7. ALL DOOR PANIC HARDWARE, LOCK CORES, DOOR CLOSURES AND DOOR HINGES TO BE REMOVED AND TURNED OVER TO CAMP SHELBY DPW (DEPARTMENT OF PUBLIC WORKS).
8. EXISTING FLOOR FINISH IS EPOXY COATING. PREPARE EXISTING FLOOR FINISH PER NEW FLOORING MANUFACTURER RECOMMENDATIONS.

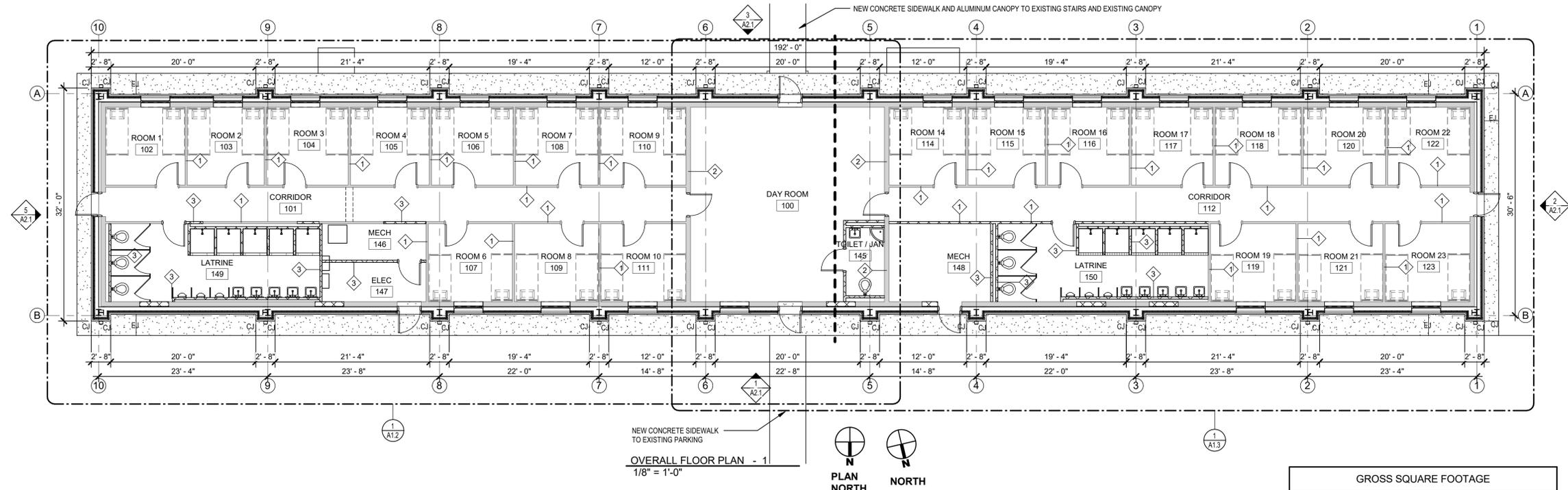


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SEAL



BID SET

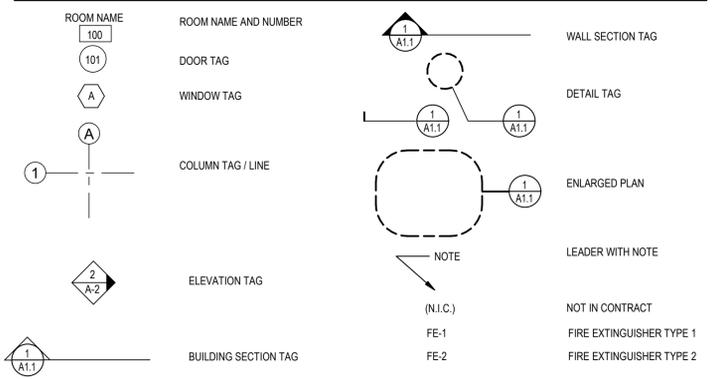


GROSS SQUARE FOOTAGE	
NAME	AREA
SQUARE FOOTAGE	5856 SF
TOTAL	5856 SF

**GENERAL NOTES**

1. PROVIDE NEW EXTERIOR BUILDING SIGNAGE TO MATCH CAMP SHELBY STANDARD. SEE SIGN DETAILS SHEET A-2.1.
2. SEE STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL FOR ADDITIONAL WORK.
3. PROVIDE NEW FIRE EXTINGUISHER CABINETS AND BRACKETS WHERE SHOWN - FIRE EXTINGUISHERS ARE NOT IN CONTRACT.
4. CLEAN OUT AND RE-CAULK EXISTING INTERIOR SLAB EXPANSIONS JOINTS AS PER NEW FLOORING MANUFACTURER.
5. PROVIDE NEW CMU JAMB, HEAD AND SILLS WHERE NEW WINDOWS OR DOORS DO NOT FALL IN EXISTING CMU LOCATIONS. REWORK EXISTING CMU WALLS AS REQUIRED TO PROVIDE NEW CASED OPENINGS FOR NEW WINDOW AND DOOR LOCATIONS.
6. INSTALL CONTROL JOINTS IN CONCRETE APRON AS PER STRUCTURAL DRAWINGS.

**LEGEND**



SHEET TITLE:  
OVERALL FLOOR PLAN

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

DRAWN CDB  
CHECKED SG  
FINAL DATE  
FEB. 18, 2026  
REVISION SCHEDULE  
REV # REV DATE

CN# 25-4137  
SHEET NUMBER

**A1.1**



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BID SET

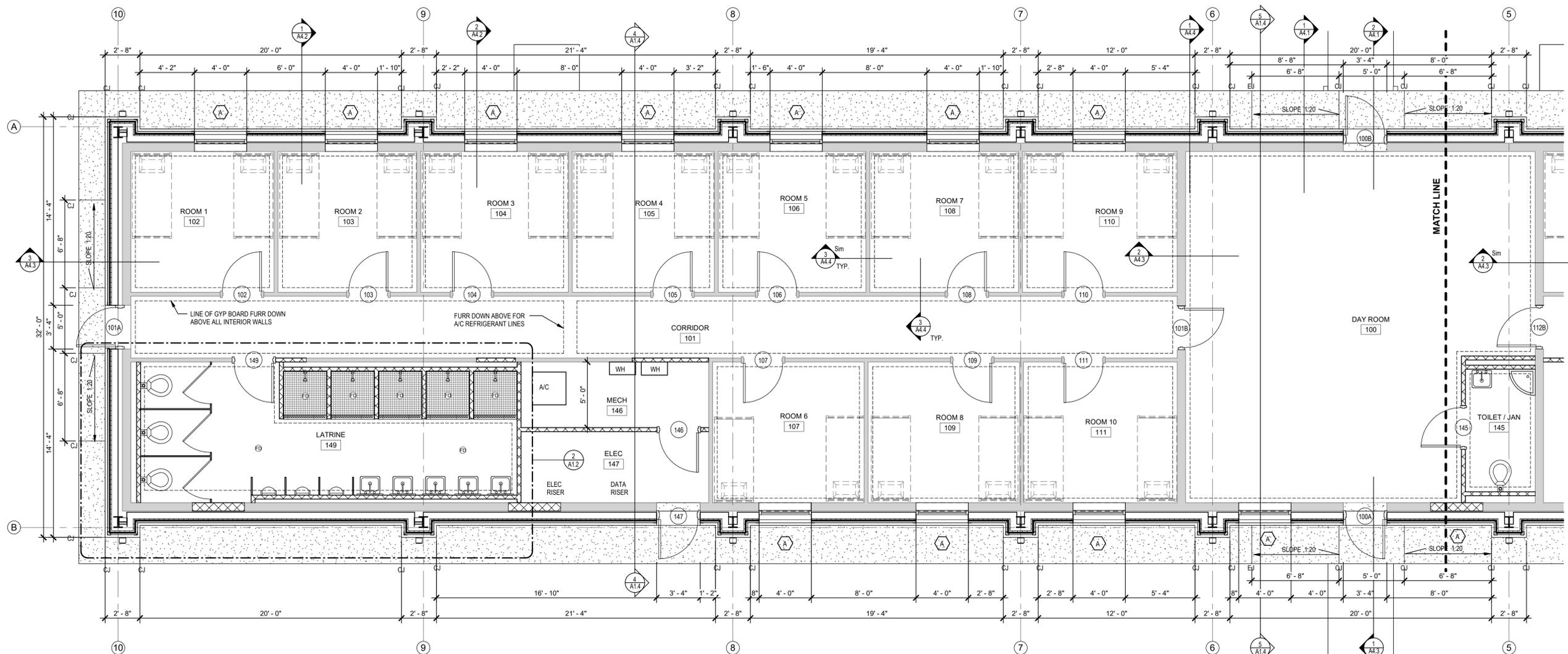
SHEET TITLE:  
ENLARGED FLOOR PLAN - EAST

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

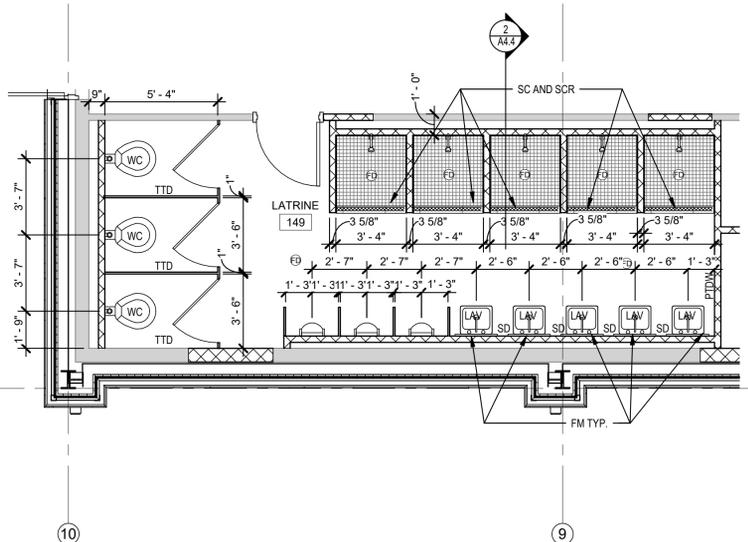
DRAWN CDB  
CHECKED SG  
FINAL DATE  
FEB. 18, 2026  
REVISION SCHEDULE  
REV # REV DATE

CN# 25-4137  
SHEET NUMBER

**A1.2**



ENLARGED FLOOR PLAN - EAST - 1  
1/4" = 1'-0"



LATRINE 149 - PLAN - 2  
1/4" = 1'-0"

**TOILET ACCESSORY LEGEND**

- WC WATER CLOSET
- UR URINAL
- LAV LAVATORY
- FM FRAMED MIRROR
- FD FLOOR DRAIN
- TYP TYPICAL
- PTDW PAPER TOWEL DISPENSER WITHRASH
- TTD TOILET TISSUE DISPENSER
- SD SOAP DISPENSER
- JS JANITOR SINK
- MBH MOP AND BROOM HOLDER
- SC SHOWER CURTAIN
- SCR SHOWER CURTAIN ROD

**TOILET ACCESSORY NOTES**

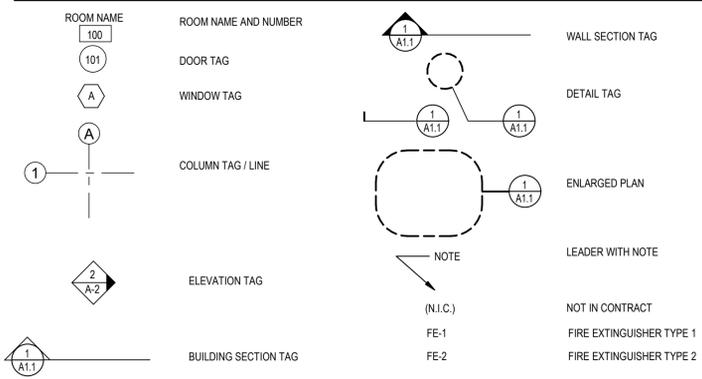
1. MOUNT FM 40" A.F.F. TO BOTTOM
2. MOUNT PTDW 48" A.F.F. TO TOP OF PAPER TOWEL OPENING
3. MOUNT TTD 19" A.F.F. TO CENTERLINE

**GENERAL NOTES**

1. PROVIDE NEW EXTERIOR BUILDING SIGNAGE TO MATCH CAMP SHELBY STANDARD. SEE SIGN DETAILS SHEET A-2.1.
2. SEE STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL FOR ADDITIONAL WORK.
3. PROVIDE NEW FIRE EXTINGUISHER CABINETS AND BRACKETS WHERE SHOWN - FIRE EXTINGUISHERS ARE NOT IN CONTRACT.
4. CLEAN OUT AND RE-CAULK EXISTING INTERIOR SLAB EXPANSIONS JOINTS AS PER NEW FLOORING MANUFACTURER.
5. PROVIDE NEW CMU JAMB, HEAD AND SILLS WHERE NEW WINDOWS OR DOORS DO NOT FALL IN EXISTING CMU LOCATIONS. REWORK EXISTING CMU WALLS AS REQUIRED TO PROVIDE NEW CASED OPENINGS FOR NEW WINDOW AND DOOR LOCATIONS.
6. INSTALL CONTROL JOINTS IN CONCRETE APRON AS PER STRUCTURAL DRAWINGS.

GROSS SQUARE FOOTAGE	
NAME	AREA
SQUARE FOOTAGE	5856 SF
TOTAL	5856 SF

**LEGEND**



**A1.2**



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BID SET

SHEET TITLE:  
ENLARGED FLOOR PLAN - WEST

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

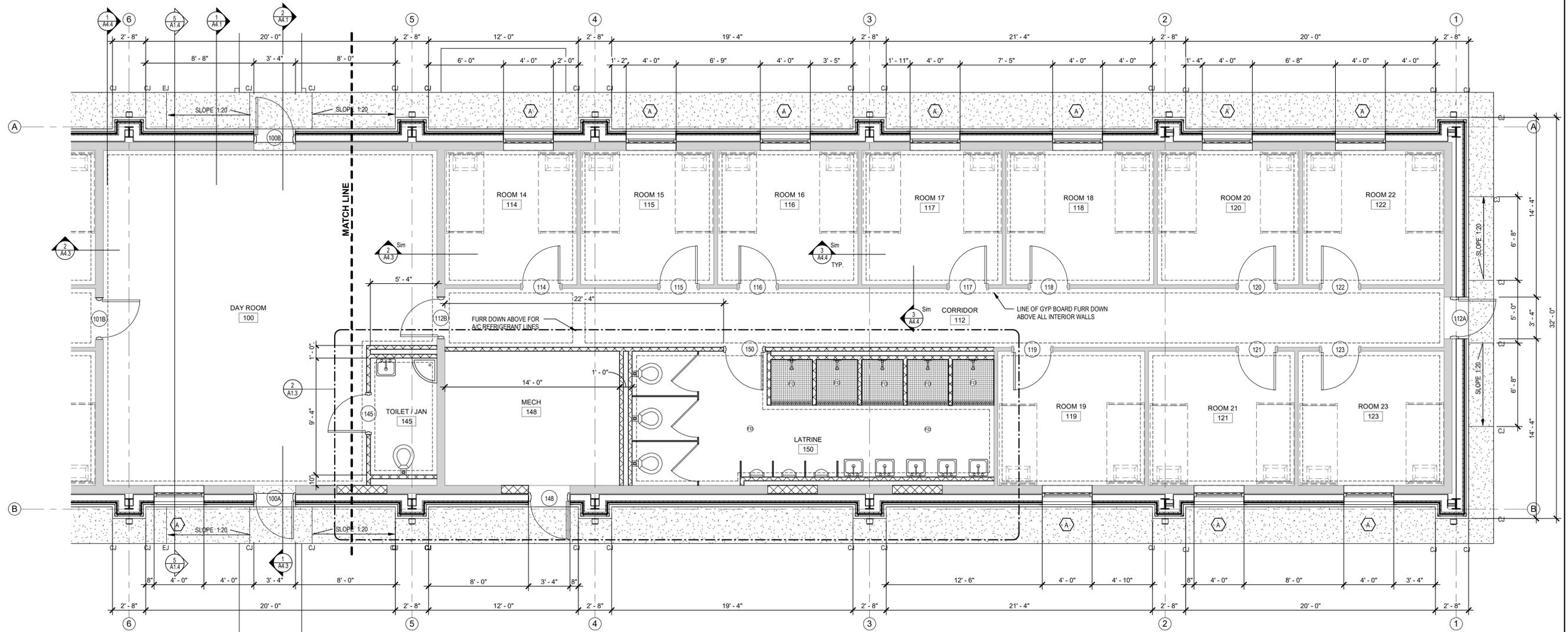
PN: 20230013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

DRAWN CDB  
CHECKED SG  
FINAL DATE  
FEB. 18, 2026  
REVISION SCHEDULE  
REV # REV DATE

CN# 25-4137

SHEET NUMBER

**A1.3**



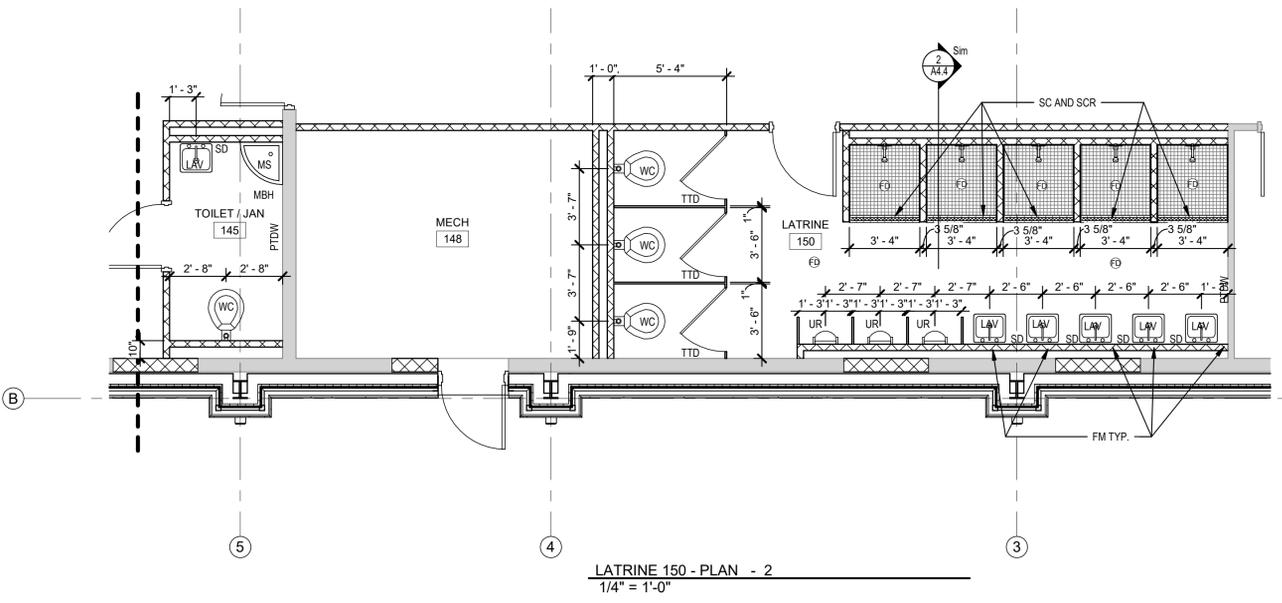
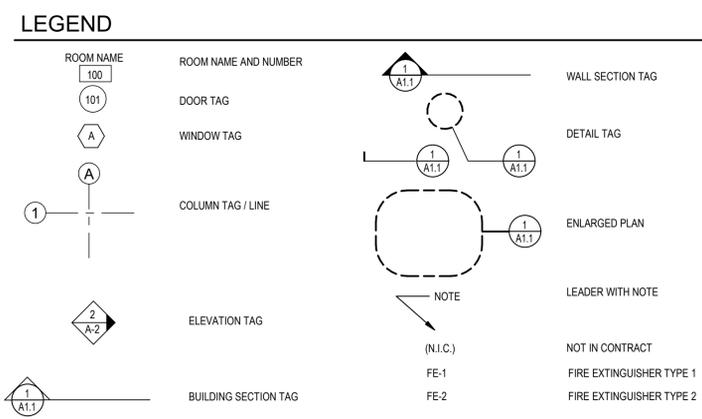
OVERALL FLOOR PLAN - WEST - 1  
1/4" = 1'-0"  
PLAN NORTH NORTH

GROSS SQUARE FOOTAGE	
NAME	AREA
SQUARE FOOTAGE	5856 SF
TOTAL	5856 SF

- TOILET ACCESSORY LEGEND**
- WC WATER CLOSET
  - UR URINAL
  - LAV LAVATORY
  - FM FRAMED MIRROR
  - FD FLOOR DRAIN
  - TYP TYPICAL
  - PTDW PAPER TOWEL DISPENSER WITHRASH
  - TTD TOILET TISSUE DISPENSER
  - SD SOAP DISPENSER
  - JS JANITOR SINK
  - MBH MOP AND BROOM HOLDER
  - SC SHOWER CURTAIN
  - SCR SHOWER CURTAIN ROD

- TOILET ACCESSORY NOTES**
1. MOUNT FM 40" A.F.F. TO BOTTOM
  2. MOUNT PTDW 48" A.F.F. TO TOP OF PAPER TOWEL OPENING
  3. MOUNT TTD 19" A.F.F. TO CENTERLINE

- GENERAL NOTES**
1. PROVIDE NEW EXTERIOR BUILDING SIGNAGE TO MATCH CAMP SHELBY STANDARD. SEE SIGN DETAILS SHEET A-2.1
  2. SEE STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL FOR ADDITIONAL WORK.
  3. PROVIDE NEW FIRE EXTINGUISHER CABINETS AND BRACKETS WHERE SHOWN. FIRE EXTINGUISHERS ARE NOT IN CONTRACT.
  4. CLEAN OUT AND RE-CAULK EXISTING INTERIOR SLAB EXPANSIONS JOINTS AS PER NEW FLOORING MANUFACTURER.
  5. PROVIDE NEW CMU JAMB, HEAD AND SILLS WHERE NEW WINDOWS OR DOORS DO NOT FALL IN EXISTING CMU LOCATIONS. REWORK EXISTING CMU WALLS AS REQUIRED TO PROVIDE NEW CASING OPENINGS FOR NEW WINDOW AND DOOR LOCATIONS.
  6. INSTALL CONTROL JOINTS IN CONCRETE APRON AS PER STRUCTURAL DRAWINGS.



LATRINE 150 - PLAN - 2  
1/4" = 1'-0"



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BID SET

SHEET TITLE: FINISH SCHEDULE, OPENING SCHEDULE, WINDOW SCHEDULE AND OPENING TYPES

PROJECT: RESTORATION AND MODERNIZATION OF BUILDING 1471  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

DRAWN CDB  
 CHECKED SG  
 FINAL DATE FEB. 18, 2026  
 REVISION SCHEDULE  
 REV # REV DATE

CN# 25-4137  
 SHEET NUMBER

**A1.4**

FINISH SCHEDULE

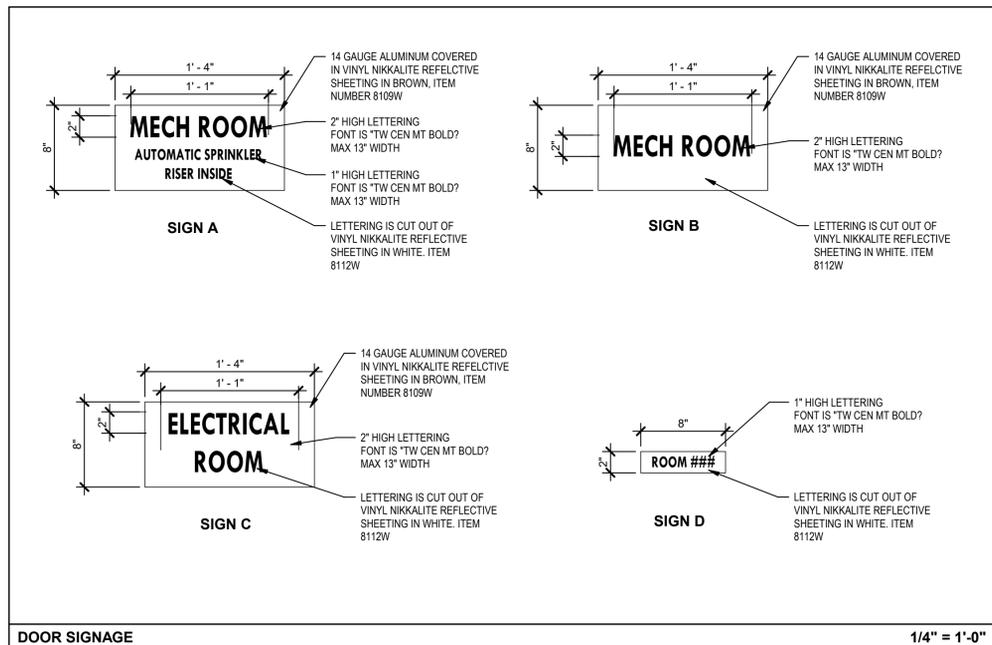
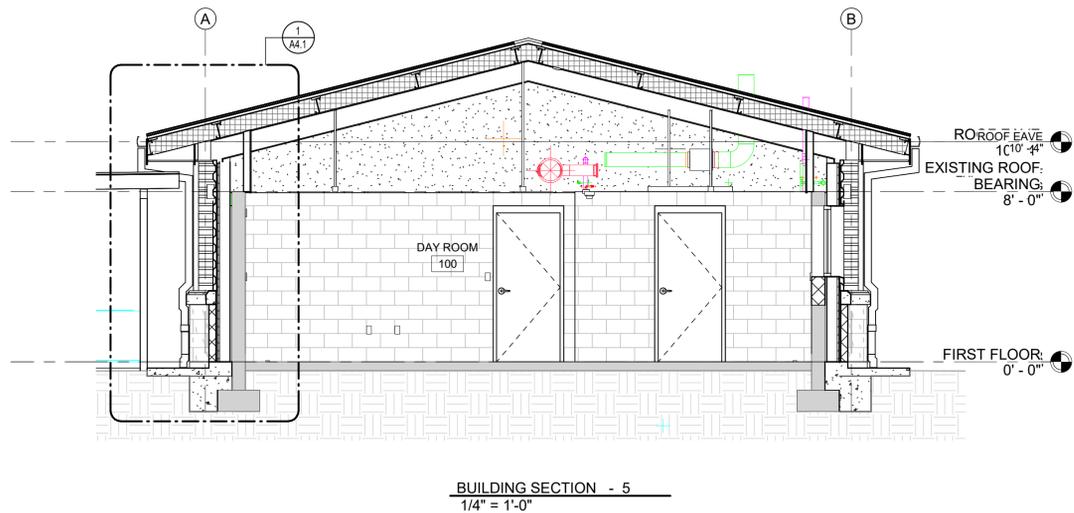
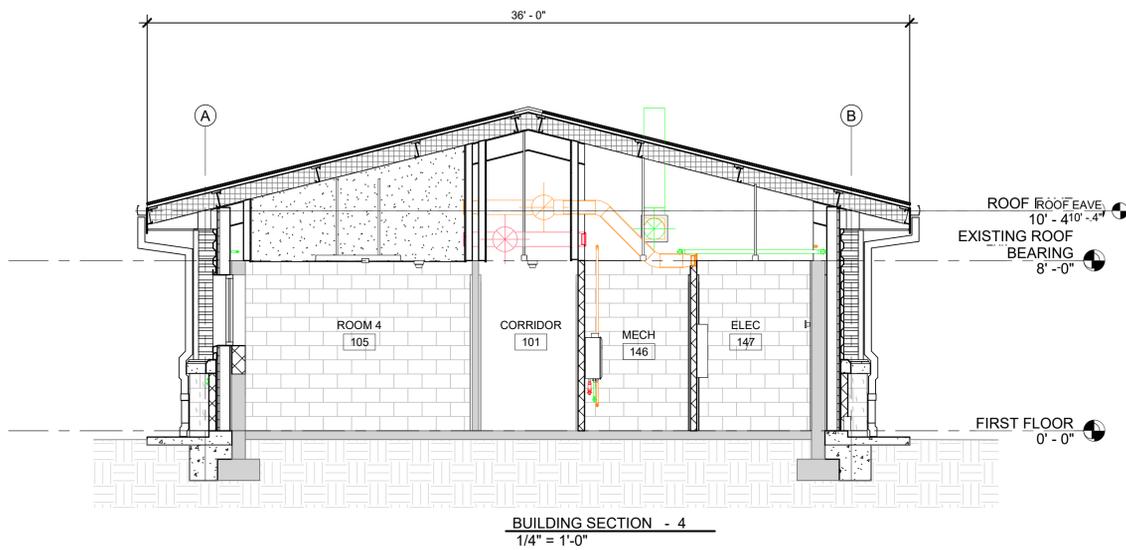
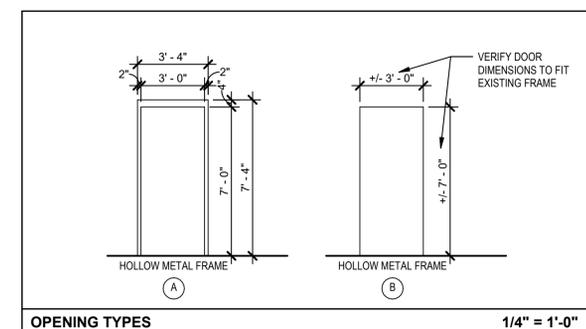
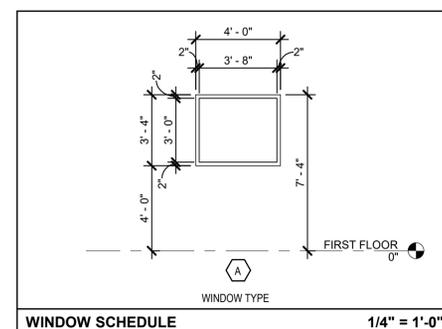
ROOM NAME	ROOM NO.	FLOOR	BASE	WAINSCOT	WALLS	CEILING	CLG HGT	REMARKS
DAY ROOM	100	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
CORRIDOR	101	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 1	102	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 2	103	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 3	104	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 4	105	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 5	106	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 6	107	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 7	108	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 8	109	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 9	110	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 10	111	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
CORRIDOR	112	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 14	114	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 15	115	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 16	116	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 17	117	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 18	118	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 19	119	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 20	120	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 21	121	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 22	122	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ROOM 23	123	EPOXY	4" RUBBER		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
TOILET / JAN	145	12X24 PORCELAIN TILE	12X24 PORCELAIN TILE		12X24 PORCELAIN TILE	EXPOSED PAINTED STRUCTURE	VARIES	
MECH	146	EPOXY	NONE		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
ELEC	147	EPOXY	NONE		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
MECH	148	EPOXY	NONE		PAINT	EXPOSED PAINTED STRUCTURE	VARIES	
LATRINE	149	12X24 PORCELAIN TILE	12X24 PORCELAIN TILE		12X24 PORCELAIN TILE	EXPOSED PAINTED STRUCTURE	VARIES	2X2 MOSAIC FLOOR PORCELAIN TILE IN SHOWER
LATRINE	150	12X24 PORCELAIN TILE	12X24 PORCELAIN TILE		12X24 PORCELAIN TILE	EXPOSED PAINTED STRUCTURE	VARIES	2X2 MOSAIC FLOOR PORCELAIN TILE IN SHOWER

FINISH NOTES:

- 12X24 PORCELAIN FLOOR TILE IN RESTROOMS TO BE ATLAS CONCORDE, COVE TERRA - BLACK OR EQUAL.
- 2X2 PORCELAIN FLOOR TILE IN SHOWERS TO BE ATLAS CONCORDE, COVE TERRA - BLACK OR EQUAL.
- 12X24 PORCELAIN WALL TILE IN RESTROOMS TO BE ATLAS CONCORDE, COVE TERRA - PEARL OR EQUAL. WALL TILE TO EXTEND UP TO 8'-0" A.F.F. - WITH PAINTED GYP. BD ABOVE (PAINTED)

OPENING SCHEDULE

OPNG NO.	OPNG TYPE	DOOR SIZE		DOOR CONST.			DOOR FINISH			FRAME METAL		FRAME FINISH		HDW SET NO	FIRE RATING	DOOR SIGN TYPE	COMMENTS
		W	HGT	MET. GA	WD	TRANS.	PNT.	MTL. GA.	DEPTH	WD	PNT.	TRA NS.					
100A	A	3'-0"	7'-0"								X			1			BLAST RESISTANT DOOR
100B	A	3'-0"	7'-0"								X			1			BLAST RESISTANT DOOR
101A	A	3'-0"	7'-0"								X			1			BLAST RESISTANT DOOR
101B	A	3'-0"	7'-0"	16				14	6"		X			5	20 MIN		
102	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
103	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
104	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
105	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
106	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
107	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
108	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
109	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
110	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
111	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
112A	A	3'-0"	7'-0"								X			1			BLAST RESISTANT DOOR
112B	A	3'-0"	7'-0"	16				14	6"		X			5	20 MIN		
114	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
115	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
116	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
117	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
118	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
119	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
120	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
121	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
122	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
123	B	3'-0"	7'-0"	16							X			8		D	NEW DOOR IN EXISTING FRAME- PAINT FRAME
145	A	3'-0"	7'-0"	16				14	4 3/4"		X			6			MARBLE THRESHOLD
146	A	3'-0"	7'-0"	16				14	4 3/4"		X			4		B	
147	A	3'-0"	7'-0"								X			2		C	BLAST RESISTANT DOOR
148	A	3'-0"	7'-0"								X			3		A	BLAST RESISTANT DOOR
149	A	3'-0"	7'-0"	16				14	4 3/4"		X			7			MARBLE THRESHOLD
150	A	3'-0"	7'-0"	16				14	4 3/4"		X			7			MARBLE THRESHOLD



**A1.4**

GENERAL PROJECT INFORMATION				
OWNER	STATE OF MISS - MILITARY DEPARTMENT	ARCHITECT	LANDRY LEWIS GERMANY ARCHITECTS P.A.	
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TELEPHONE	601-313-6587	TELEPHONE	601-271-7711	
ADDRESS	1410 RIVERSIDE DRIVE JACKSON, MISSISSIPPI 39202	ADDRESS	5211 OLD HIGHWAY 11, HATTIESBURG, MS. 39402	
EMAIL	jason.r.brent.ng@gmail.com	EMAIL	Charles@LLGArch.com	
APPLICABLE CODES				
SCOPE	YEAR / CODE			
BUILDING	2019 - ARMY NATIONAL GUARD FACILITIES DESIGN GUIDE, DG415-10, REVISED 2019 2018 - INTERNATIONAL BUILDING CODE 2018 - INTERNATIONAL EXISTING BUILDING CODE 2018 - UFC 1-200-01 - DOD BUILDING CODE		INTERNATIONAL CODE COUNCIL UNITED STATES DEPARTMENT OF DEFENSE	
ACCESSIBILITY	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN		UNITED STATES DEPARTMENT OF JUSTICE	
LIFE SAFETY	NFPA 101 - LIFE SAFETY CODE		NATIONAL FIRE PROTECTION	
FIRE PREVENTION	2018 INTERNATIONAL FIRE CODE UFC 3-600-01 - FIRE PROTECTION ENG. FOR FACILITIES		INTERNATIONAL CODE COUNCIL UNITED STATES DEPARTMENT OF DEFENSE	
ENERGY	UFC 1-200-02 - HIGH PERF. AND SUST. BLDG. REQ. ASHRAE - 90.1-2010 - ENERGY STANDARDS FOR BUILDINGS		UNITED STATES DEPARTMENT OF DEFENSE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS	
ELECTRIC	2017 NEC		NATIONAL ELECTRIC CODE	
PLUMBING	2018 INTERNATIONAL PLUMBING CODE		INTERNATIONAL CODE COUNCIL	
MECHANICAL	2018 INTERNATIONAL MECHANICAL CODE		INTERNATIONAL CODE COUNCIL	
GAS	2018 INTERNATIONAL FUEL GAS CODE		INTERNATIONAL CODE COUNCIL	
ANTI-TERRORISM	UFC-4-010-01 - ANTI-TERRORISM STANDARDS		UNITED STATES DEPARTMENT OF DEFENSE	
AUTHORITIES HAVING JURISDICTION				
AHJ (STATE/COUNTY/LOCAL)	CONTACT PERSON(S)			
ADDITIONAL AHJ	CONTACT PERSON(S)			
INTERNATIONAL BUILDING CODE (IBC 2018)				
USE AND OCCUPANCY CLASSIFICATION (IBC CHAPTER 3 / SECTION 303)				
USE AND OCCUPANCY CLASSIFICATION : GROUP B - BUSINESS				
SPECIAL DETAILED REQ. BASED ON USE AND OCC. CLASS (IBC CHAPTER 4)				
DOES NOT APPLY TO THIS PROJECT				
HEIGHT / AREA LIMITATIONS (IBC CHAPTER 5)				
HEIGHT:	IBC TABLE 504.3 (IN FEET) 504.4 (IN STO.)	ACTUAL HEIGHT		
HEIGHT IN FEET	55'-0"	17'-0"		
HEIGHT IN STORIES	4	1		
AREA:	ALLOWABLE BUILDING AREA IBC 506.2.3	ACTUAL BUILDING AREA		
	92,000 SF	2,484 SF		
AREA INCREASE CALCULATIONS				
DOES NOT APPLY TO THIS PROJECT				
TYPES OF CONSTRUCTION (IBC CHAPTER 6)				
SECTION 602.2 - TYPE II-B				
FIRE-RESISTANCE RATING PER TABLE 601		FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE PER TABLE 602		
STRUCTURAL FRAME	0 HR.	EXT. BEARING WALLS (SUPP. >1 FLR. ONLY)	0 HR.	
COLUMNS (SUPPORTING 1 FLOOR ONLY)	0 HR.	EXT. BEARING WALLS (SUPP. 1 ROOF)	0 HR.	
COLUMNS (SUPPORTING 1 ROOF ONLY)	0 HR.	INT. BEARING WALLS (SUPP. 1 FLOOR ONLY)	0 HR.	
BEAMS, ETC. (SUPP. COLUMNS, > 1 FLR)	0 HR.	INT. BEARING WALLS (SUPP. 1 ROOF ONLY)	0 HR.	
BEAMS, ETC. (SUPP. 1 FLOOR ONLY)	0 HR.	FLOOR CONSTRUCTION	0 HR.	
BEAMS, ETC. (SUPP. 1 ROOF ONLY)	0 HR.	ROOF CONSTRUCTION	0 HR.	
EXT. BEARING WALLS (SUPP. >1 FLOOR)	0 HR.	EXTERIOR NON BEARING WALLS	0 HR.	
		FIRE SEPARATION DISTANCE	NOTES:	
		X ≤ 5'	1 HR.	
		5' ≤ X ≤ 10'	1 HR.	
		10' ≤ X ≤ 30'	0 HR.	
		X ≤ 30'	0 HR.	
		THIS PROJECT: ≤ 30'		
FIRE & SMOKE PROTECTION FEATURES (IBC CHAPTER 7)				
SECTION 706 - FIRE WALLS	NOT REQUIRED IN THIS PROJECT		SECTION 710 - SMOKE PARTITIONS	NOT REQUIRED IN THIS PROJECT
SECTION 707 - FIRE BARRIERS	NOT REQUIRED IN THIS PROJECT		SECTION 711 - FLOORS AND ROOFS	NOT REQUIRED IN THIS PROJECT
SECTION 708 - FIRE PARTITIONS	NOT REQUIRED IN THIS PROJECT		SECTION 712 - VERTICAL OPENINGS	NOT REQUIRED IN THIS PROJECT
SECTION 709 - SMOKE BARRIERS	NOT REQUIRED IN THIS PROJECT			
INTERIOR FINISHES (IBC CHAPTER 8)				
TABLE 803.13 - INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY CLASSIFICATION				
CORRIDORS	ROOMS	ROOMS	REQUIREMENTS LISTED ARE FOR SPRINKLERED BUILDINGS	
CLASS B	CLASS C	CLASS C		
SECTION 804 - INTERIOR FLOOR FINISH - CLASS II RADIANT FLUX CLASSIFICATION IN BUILDINGS EQUIPPED WITH SPRINKLER SYSTEMS (804.4.2 EXCEPTION 1)				
SECTION 805 - COMBUSTIBLE MATERIALS IN TYPE I AND II CONSTRUCTION				
FIRE PROTECTION AND LIFE SAFETY SYSTEMS (IBC CHAPTER 9)				
SECTION 903				
(GROUP B) AN AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED BY IBC BUT SPECIAL REQUIREMENTS APPLY. (SEE SPECIAL REQ.)	REQUIREMENT TRIGGERS	SPECIAL REQUIREMENT: A SPRINKLER SYSTEM IS REQUIRED IN THIS PROJECT PER NGB 420-R DOCUMENTATION PROVIDED BY NATIONAL GUARD BUREAU.		
	1. FIRE AREA > 12,000 SF 2. OCCUPANT LOAD > 300 3. MULTIPLE STORIES WITH EXCEPTIONS			
TABLE 906.3 FIRE EXTINGUISHERS - FIRE EXTINGUISHERS ARE REQUIRED AT MAX 75 FT. TRAVEL DISTANCES.				

IBC CHAPTER 10 REPLACED WITH NFPA 101 PER UFC 3-600-01						MEANS OF EGRESS (NFPA 101 AS REQ. BY UFC 3-600-01)		
OCCUPANT LOAD						EGRESS REQUIREMENTS		
NFPA CHAPTER 7 TABLE 7.3.1.2 / UFC 300-01 TABLE 10-1						NFPA CHAPTER 7 - MEANS OF EGRESS		
OCCUPANT LOAD SCHEDULE						CODE REFERENCE	REQUIREMENT	PROVIDED
ROOM	ROOM #	NFPA TABLE 7.3.1.2 / UFC 3-600-01 OCCUPANCY CLASSIFICATION	LOAD FACTOR	GROSS AREA	NET AREA	7.2.1 DOOR OPENINGS	MIN 32" CLEAR (36" DOOR TYP)	36" AT EACH EGRESS DOOR / COMPONENT
						7.3.3 EGRESS CAPACITY	2" PER OCC	36" AT EACH EGRESS DOOR / COMPONENT
						7.3.4 MINIMUM WIDTH	36" MIN.	36" EACH DOORS PROVIDED
						7.4 NUMBER OF MEAN OF EGRESS	NOT LESS THAN 2	3 PROVIDED
DAY ROOM	100	Business Use - General	150 SF	652 SF				
Business Use - General								
MECH	146	Mechanical, electrical, other building equipment spaces	500 SF	72 SF				
ELEC	147	Mechanical, electrical, other building equipment spaces	500 SF	78 SF				
MECH	148	Mechanical, electrical, other building equipment spaces	500 SF	150 SF				
Mechanical, electrical, other building equipment spaces								
				299 SF				
ROOM 1	102	Residential - Hotels and Dormitories	200 SF	117 SF				
ROOM 2	103	Residential - Hotels and Dormitories	200 SF	114 SF				
ROOM 3	104	Residential - Hotels and Dormitories	200 SF	121 SF				
ROOM 4	105	Residential - Hotels and Dormitories	200 SF	116 SF				
ROOM 5	106	Residential - Hotels and Dormitories	200 SF	121 SF				
ROOM 6	107	Residential - Hotels and Dormitories	200 SF	124 SF				
ROOM 7	108	Residential - Hotels and Dormitories	200 SF	122 SF				
ROOM 8	109	Residential - Hotels and Dormitories	200 SF	124 SF				
ROOM 9	110	Residential - Hotels and Dormitories	200 SF	127 SF				
ROOM 10	111	Residential - Hotels and Dormitories	200 SF	126 SF				
ROOM 14	114	Residential - Hotels and Dormitories	200 SF	113 SF				
ROOM 15	115	Residential - Hotels and Dormitories	200 SF	114 SF				
ROOM 16	116	Residential - Hotels and Dormitories	200 SF	121 SF				
ROOM 17	117	Residential - Hotels and Dormitories	200 SF	121 SF				
ROOM 18	118	Residential - Hotels and Dormitories	200 SF	127 SF				
ROOM 19	119	Residential - Hotels and Dormitories	200 SF	126 SF				
ROOM 20	120	Residential - Hotels and Dormitories	200 SF	121 SF				
ROOM 21	121	Residential - Hotels and Dormitories	200 SF	125 SF				
ROOM 22	122	Residential - Hotels and Dormitories	200 SF	121 SF				
ROOM 23	123	Residential - Hotels and Dormitories	200 SF	125 SF				
Residential - Hotels and Dormitories				2427 SF				
TOTAL OCCUPANT LOAD				3378 SF				
NET AREA / GROSS AREA = 1900 / 2484 = 0.7661								

PLUMBING FIXTURES (CHAPTER 29)						
IBC CHAPTER 29						
OCCUPANCY TYPE	OCC. LOAD	WATER CLOSETS RATIO	LAVATORIES RATIO	DRINKING FOUNTAINS RATIO	SERVICE SINK	
RESIDENTIAL	8 / 4	1 per 10 = M / F .695 / .695	1 per 10 = M / F .263 / .263	1 per 8 = .695	1 REQ.	
SUBTOTALS:	-	.865 / .865	.388 / .388	.765	1	
REQUIRED TOTALS:		2 / 1	2 / 1	2	1	

GROSS SQUARE FOOTAGE	
NAME	AREA
SQUARE FOOTAGE	5856 SF
TOTAL	5856 SF



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BID SET

SHEET TITLE:  
CODE REVIEW

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 28250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

DRAWN CDB  
CHECKED SG

FINAL DATE  
FEB. 18, 2026

REVISION SCHEDULE  
REV # REV DATE

CN# 25-4137

SHEET NUMBER

**A1.5**

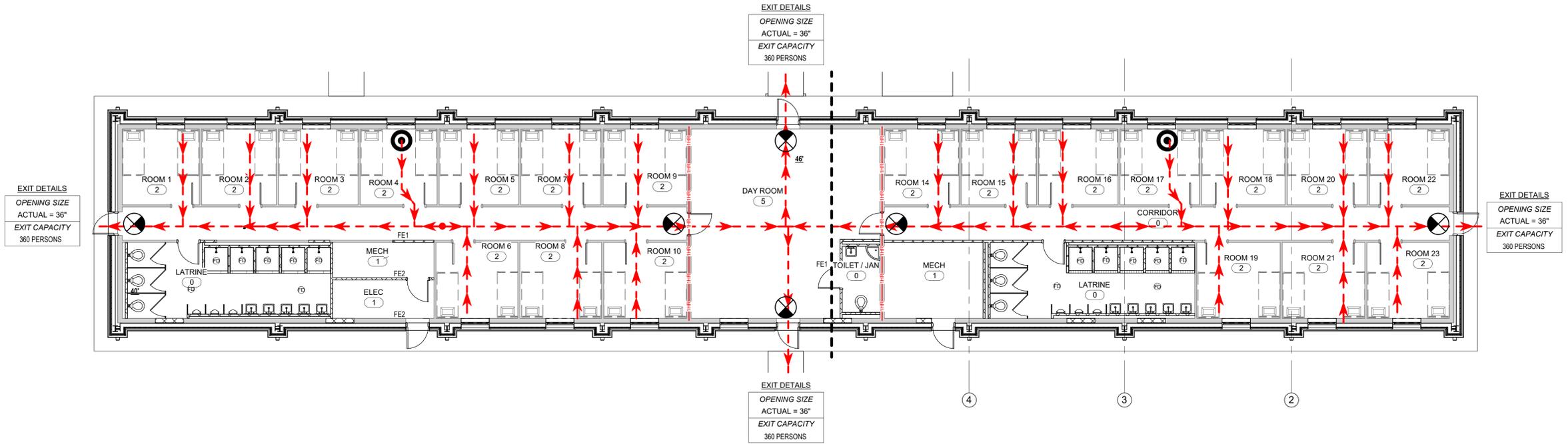


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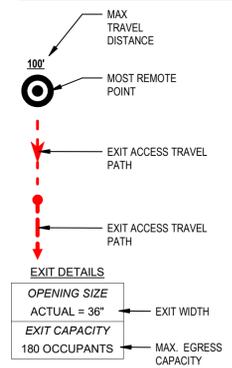


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**LIFE SAFETY FLOOR PLAN - 1**  
 1/8" = 1'-0"

**EGRESS PATH KEY:**



**LIFE SAFETY COMPONENTS:**

	1 - HOUR RATED PARTITION		TYPE "K" FIRE EXTINGUISHER W/ WALL HOOK - CONFIRM PLACEMENT W/ LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION
	2 - HOUR RATED PARTITION		MAX. OCCUPANCY NOTIFICATION SIGN
	ROOM NAME		EXIT SIGN
	ROOM TAG w/OCCUPANT COUNT		EMERGENCY LIGHTS
	F.E.C. W/ TYPE "ABC" FIRE EXTINGUISHER - CONFIRM LOCATION W/ LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION. PLACEMENT SHALL COMPLY W/ NFPA-1 & 10 CHAPTER 6213.6		EMERGENCY LIGHT EXIT COMBO
	TYPE "ABC" FIRE EXTINGUISHER W/ WALL HOOK - CONFIRM PLACEMENT W/ LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION		

**LIFE SAFETY PLAN GENERAL NOTES**

- SEE SHEET A1.5 FOR ADDITIONAL CODE REVIEW / INFORMATION
- INDICATED FIRE WALL RATINGS REQUIRE CONTINUOUS PROTECTION FOR THE ENTIRE LENGTH AND HEIGHT OF THE PARTITION.
- ALL PENETRATIONS, OPENINGS PANELS, CABINETS, BOXES THROUGH OR WITHIN A RATED WALL, FLOOR OR CEILING, AND ROOF SHALL MAINTAIN FIRE RATING AND AROUND THE OPENING OR PENETRATION OF THE PARTITION CONTINUOUSLY.
- PROVIDE CONTINUOUS FIRE SAFING BETWEEN FLOORS. FIRE RATING OF SAFING SHALL BE THE SAME AS THAT OFR THE FLOOR CONSTRUCTION WHERE INDICATED.
- REQUIRED SIGNAGE:
  - CONTRACTOR SHALL PROVIDE REQUIRED TACTILE SIGNAGE AS DIRECTED INCLUDING, BUT NOT LIMITED TO: RESTROOM, EXIT, STAIR, RAMP, & DIRECTIONAL SIGNS.
  - SIGNS ARE TO BE PROVIDED AT ALL EXITS
  - INSTALL PIN-MTD., 4" HIGH (MIN.), ALUM. ADDRESS NUMBERS, COLOR AS SELECTED BY ARCHITECT. COORDINATE LOCATION WITH ARCHITECT AND OWNER.
- FIRE SPRINKLER & ALARM SYSTEM(S):
  - CONTRACTOR SHALL PROVIDE & INSTALL FIRE SPRINKLER & ANY REQUIRED SYSTEMS THROUGH A LICENSED/VERIFIED FIRE SUPPRESSION CONTRACTOR.
  - FIRE SUPPRESSION CONTRACTOR IS TO PROVIDE SHOP DRAWINGS DERIVED FROM THESE PLANS AND SHALL PROVIDE ALL REQUIRED DRAWINGS AND DOCUMENTATION OF THE COMPLETE SPRINKLER AND ALARM SYSTEM. FIRE SUPPRESSION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHOP DRAWING PLANS, SUBMITTALS, PERMITS, AND APPROVALS.
  - FIRE SUPPRESSION CONTRACTOR SHALL COORDINATE ALL FIRE SUPPRESSION AND FIRE ALARM DEVICES WITH THESE PLANS.
  - NOTIFY AND COORDINATE WORK WITH LOCAL FIRE AUTHORITIES PRIOR TO WORK.
- SEE ELECTRICAL & PLUMBING SHEETS FOR MORE INFORMATION ON THE FIRE SUPPRESSION SYSTEM.

SHEET TITLE:  
LIFE SAFETY PLAN

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

CN# 25-4137

SHEET NUMBER

**A1.6**

GROSS SQUARE FOOTAGE	
NAME	AREA
SQUARE FOOTAGE	5856 SF
TOTAL	5856 SF

DRAWN CDB  
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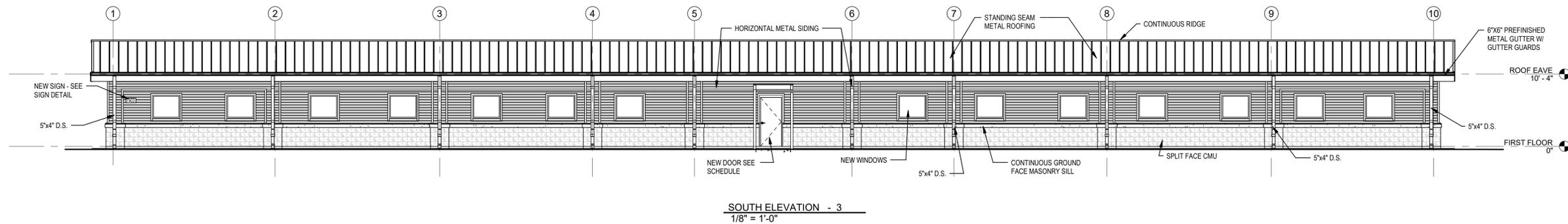
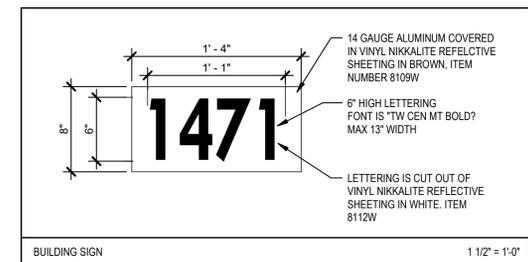
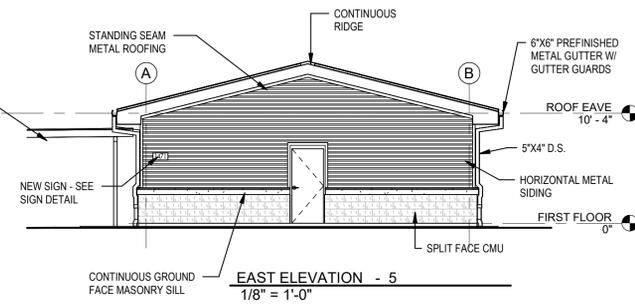
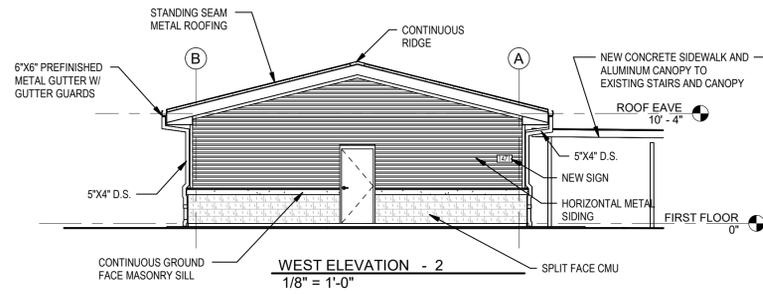
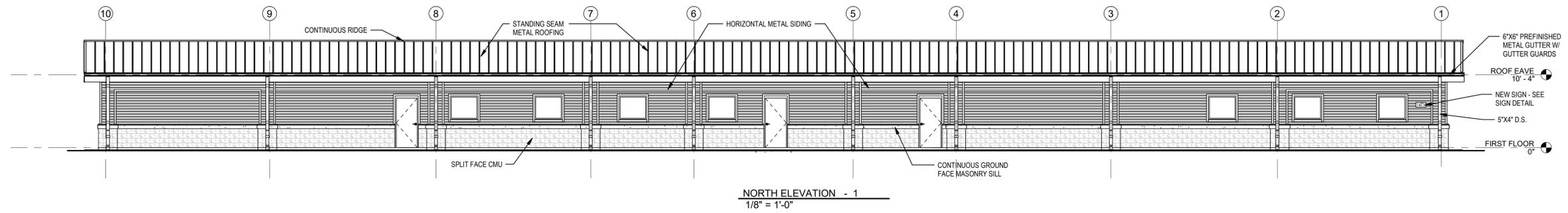


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SHEET TITLE:  
EXTERIOR ELEVATIONS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471  
P.N.: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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A2.1



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SHEET TITLE:  
WALL SECTIONS AND DETAILS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

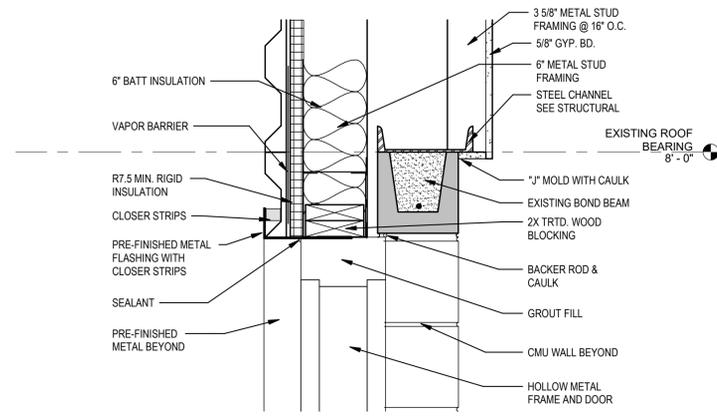
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FEB. 18, 2026

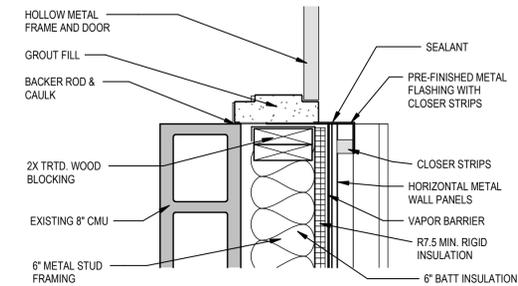
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REV # REV DATE

CN# 25-4137  
SHEET NUMBER

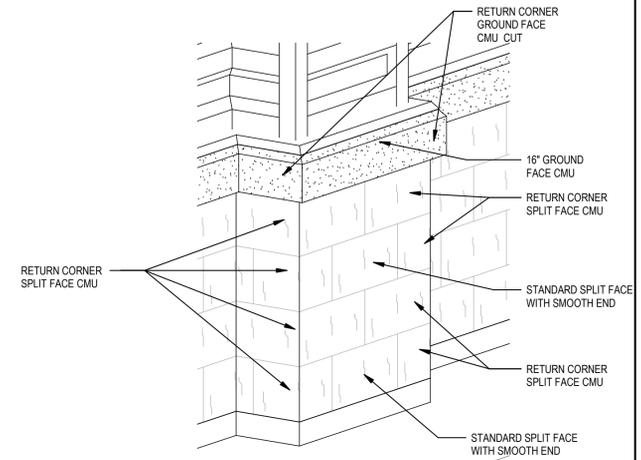
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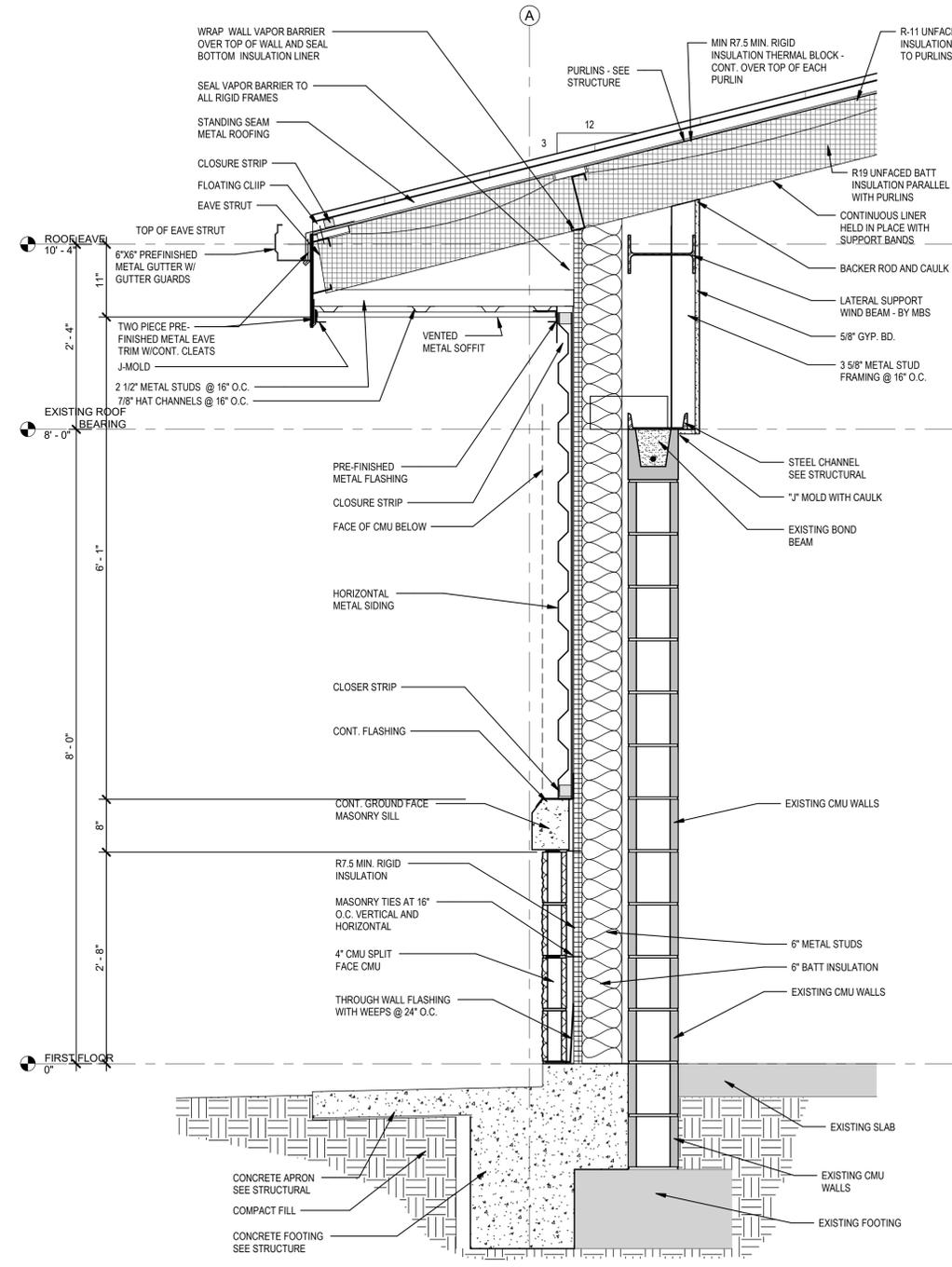
**DOOR HEAD DETAIL - 3**  
1 1/2" = 1'-0"



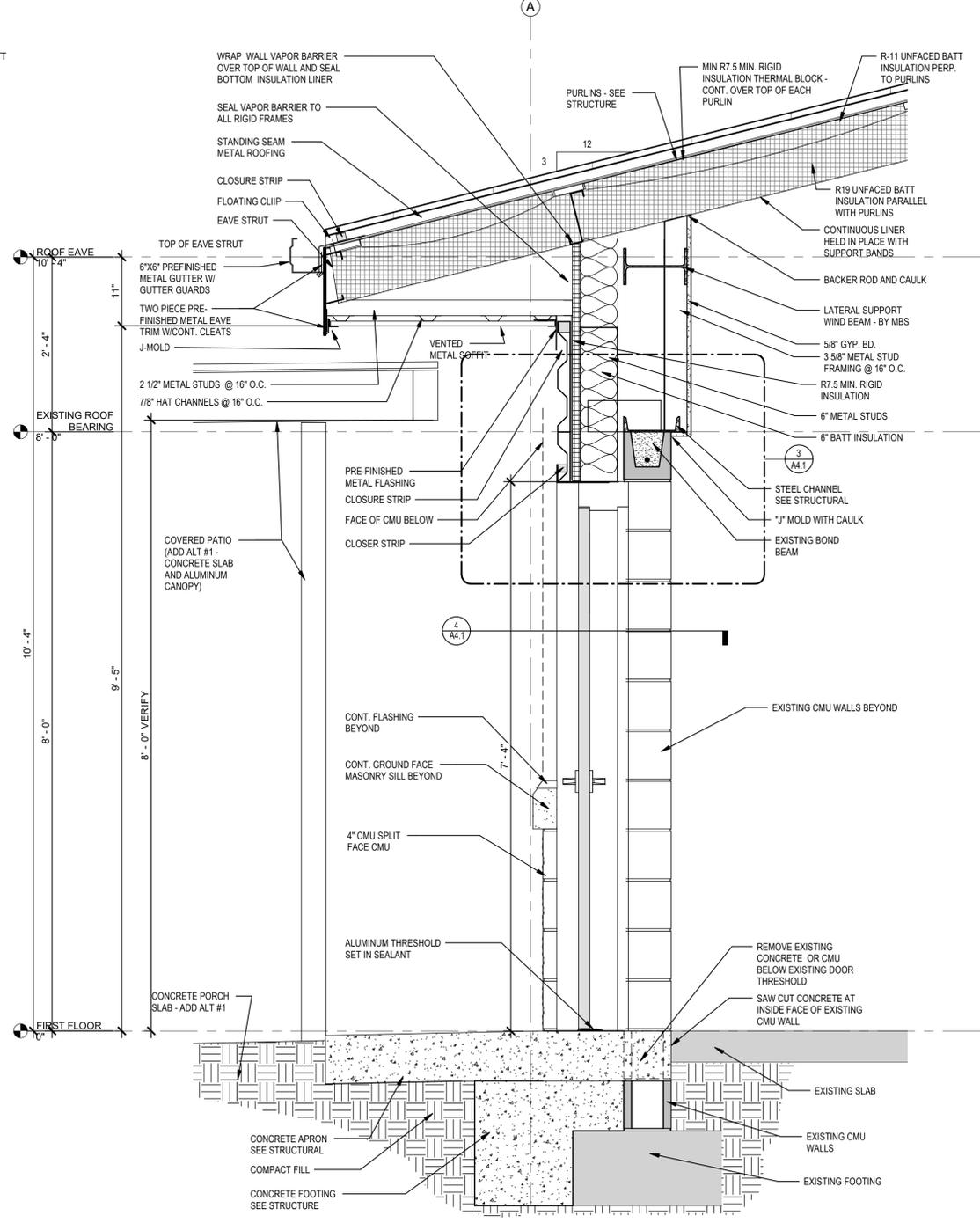
**DOOR JAMB DETAIL - 4**  
1 1/2" = 1'-0"



**NOTE: DOWNSPOUT NOT SHOWN FOR CLARITY**  
**3D PILASTER DETAIL - 5**



**WALL SECTION - 1**  
1" = 1'-0"



**WALL SECTION - 2**  
1" = 1'-0"



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SHEET TITLE:  
WALL SECTIONS AND DETAILS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 28250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

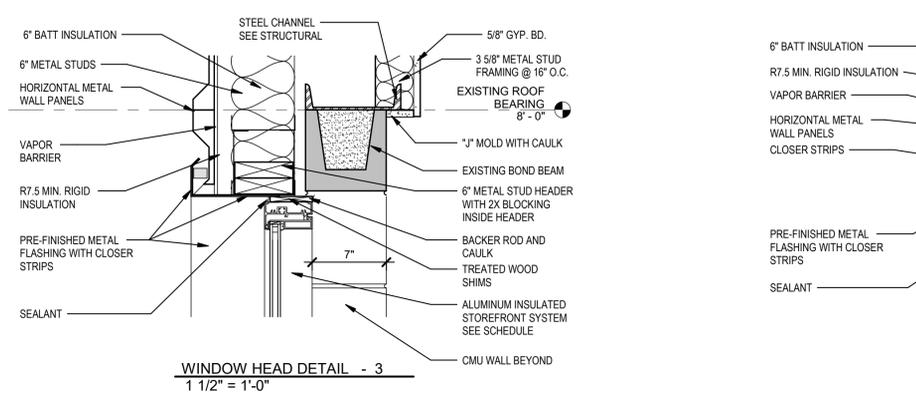
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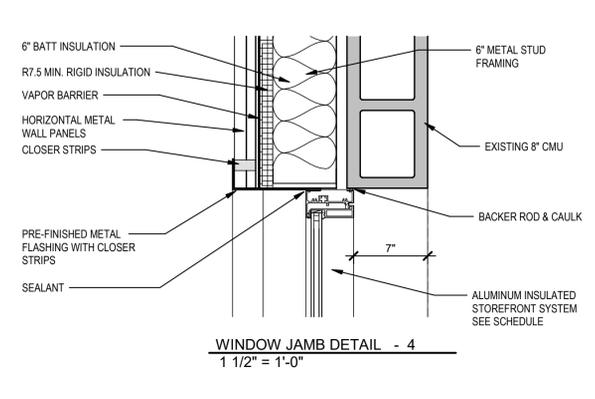
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REV # REV DATE

CN# 25-4137  
SHEET NUMBER

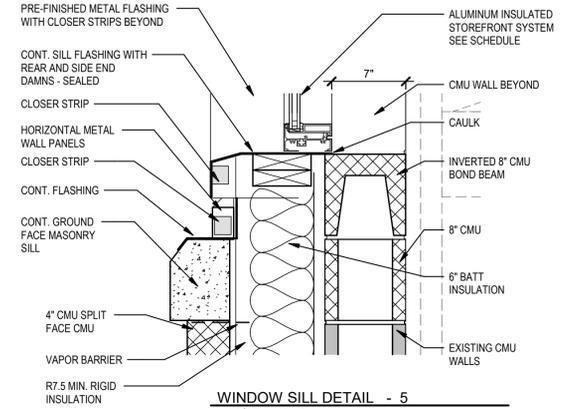
**A4.2**



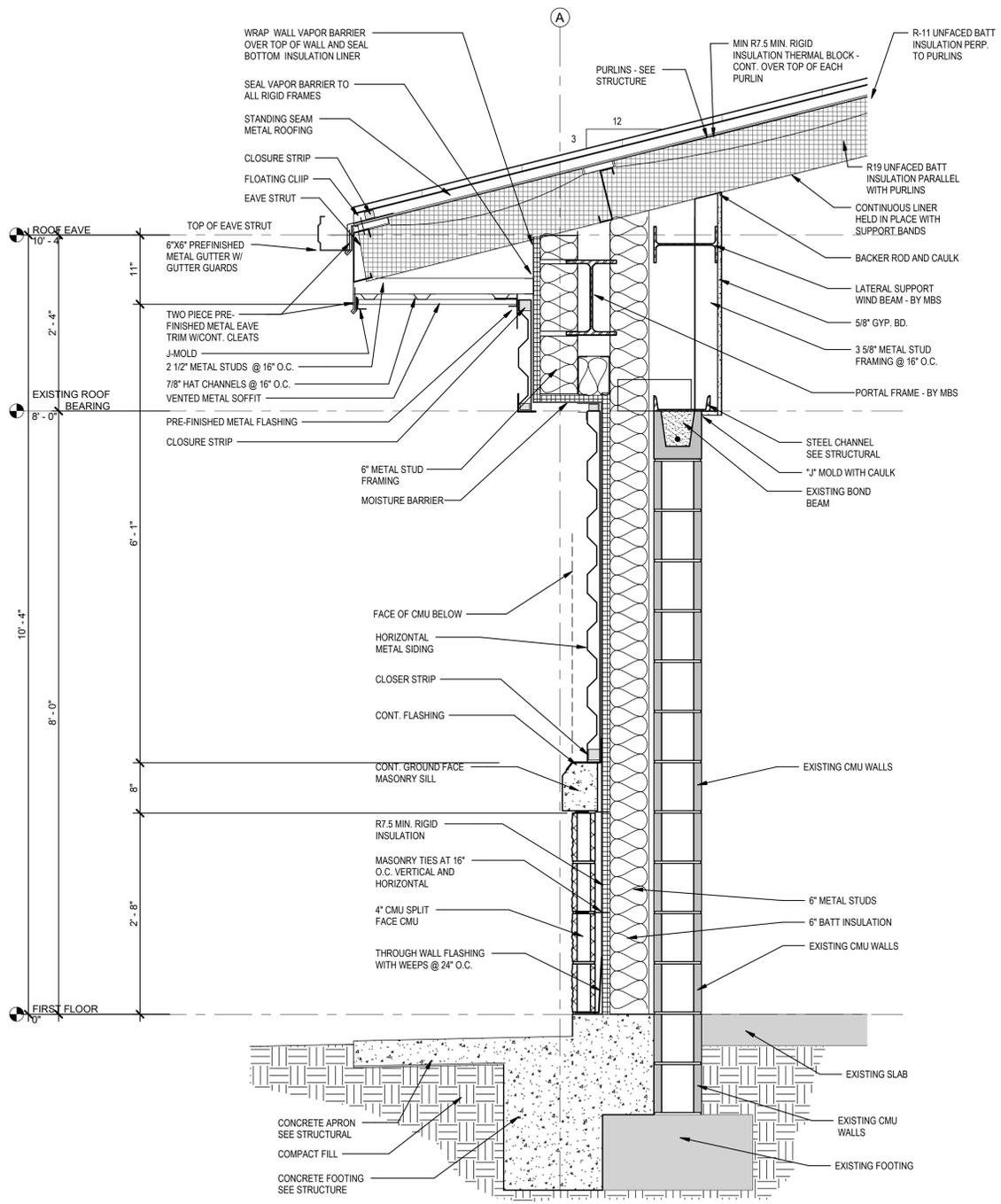
**WINDOW HEAD DETAIL - 3**  
1 1/2" = 1'-0"



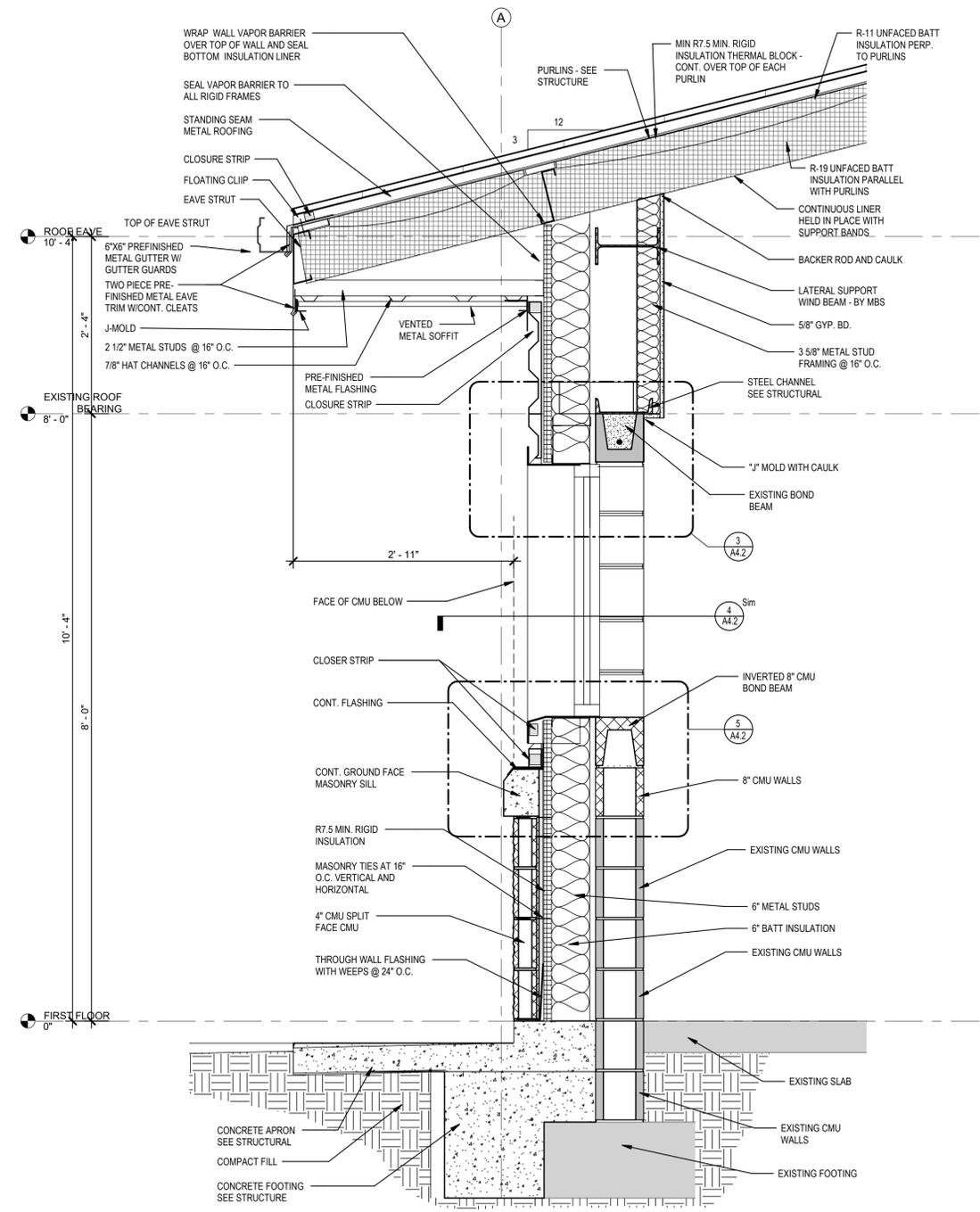
**WINDOW JAMB DETAIL - 4**  
1 1/2" = 1'-0"



**WINDOW SILL DETAIL - 5**  
1 1/2" = 1'-0"



**WALL SECTION - 1**  
1" = 1'-0"



**WALL SECTION - 2**  
1" = 1'-0"





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SHEET TITLE:  
WALL SECTIONS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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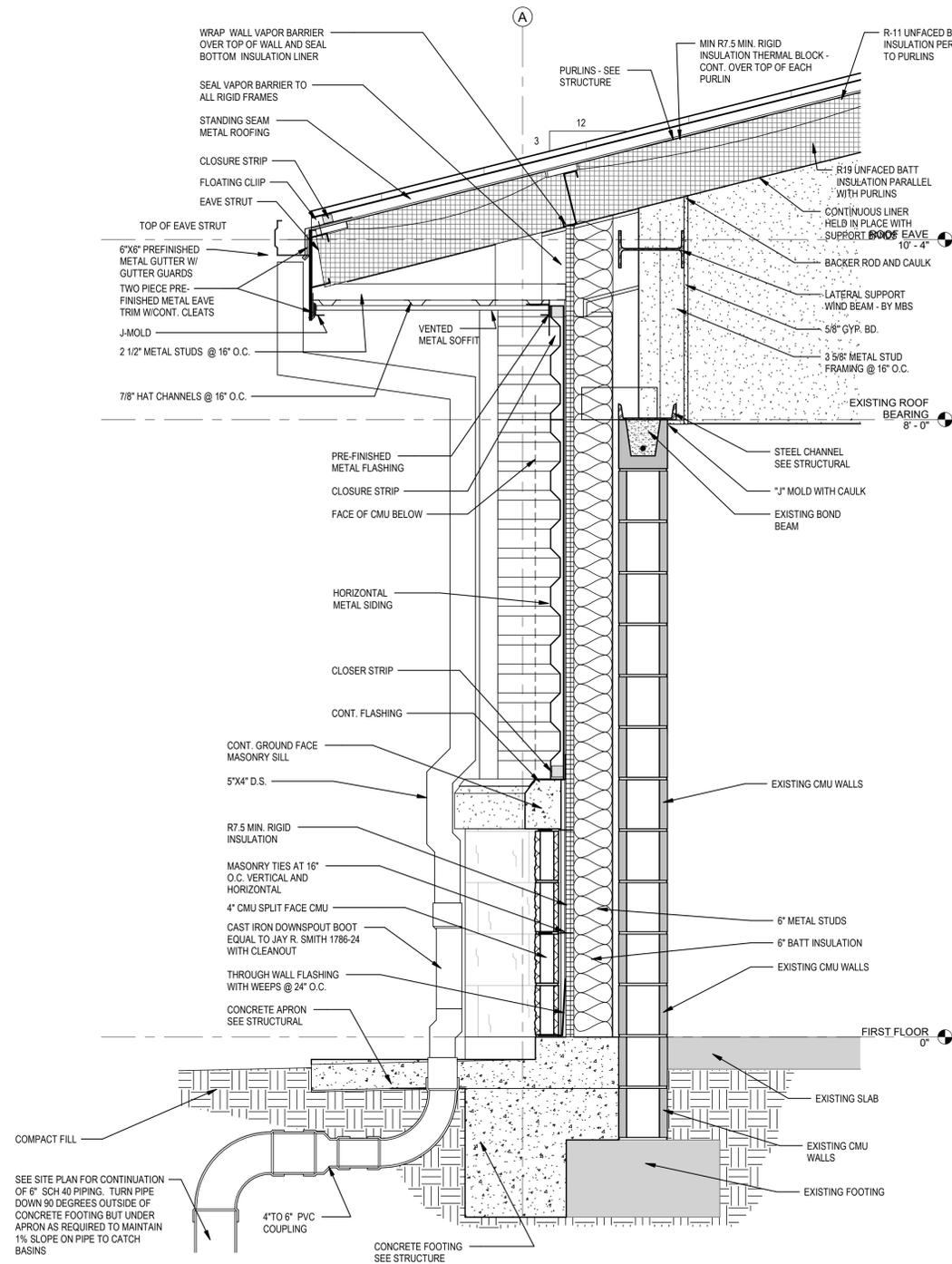
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REV # REV DATE

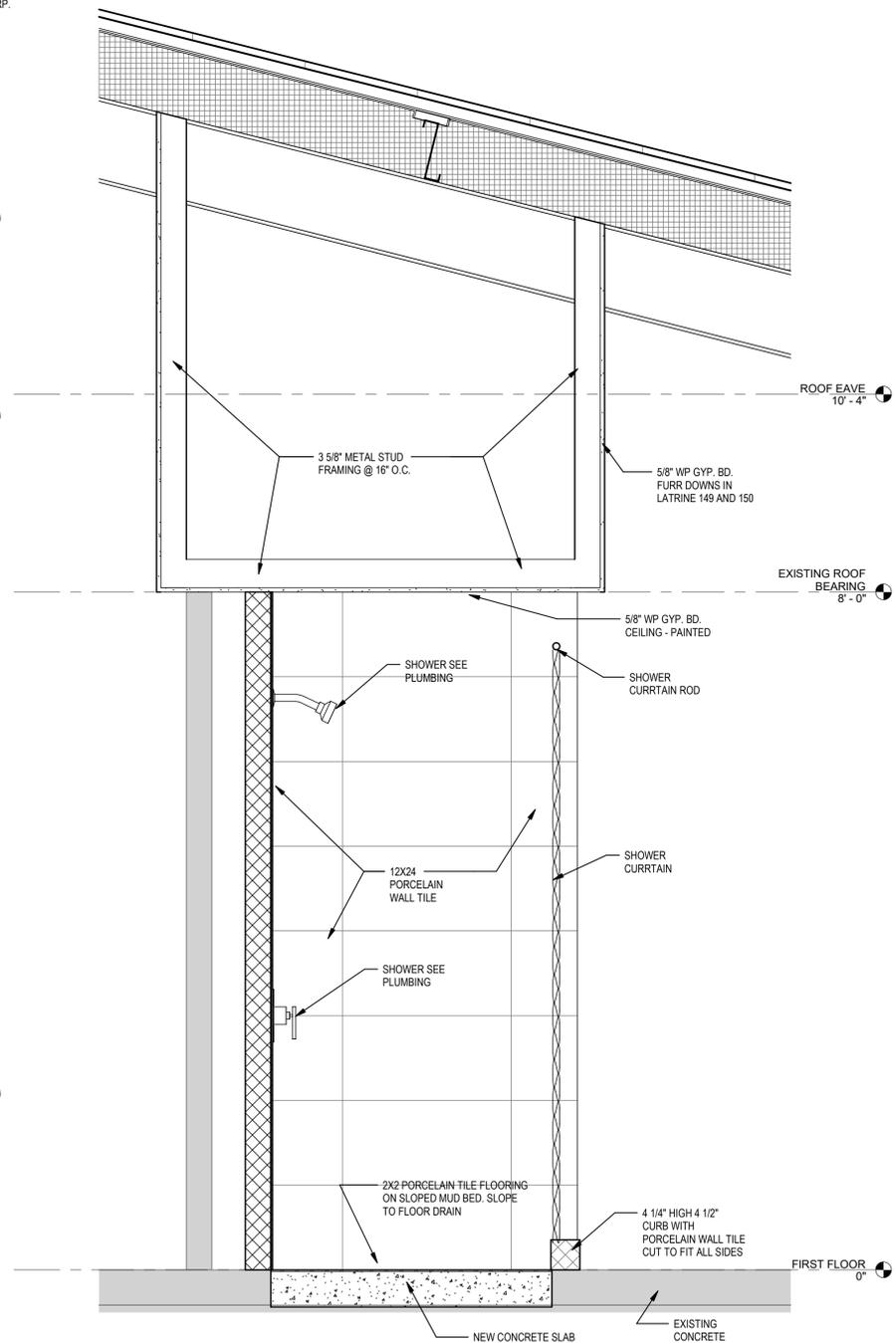
CN# 25-4137

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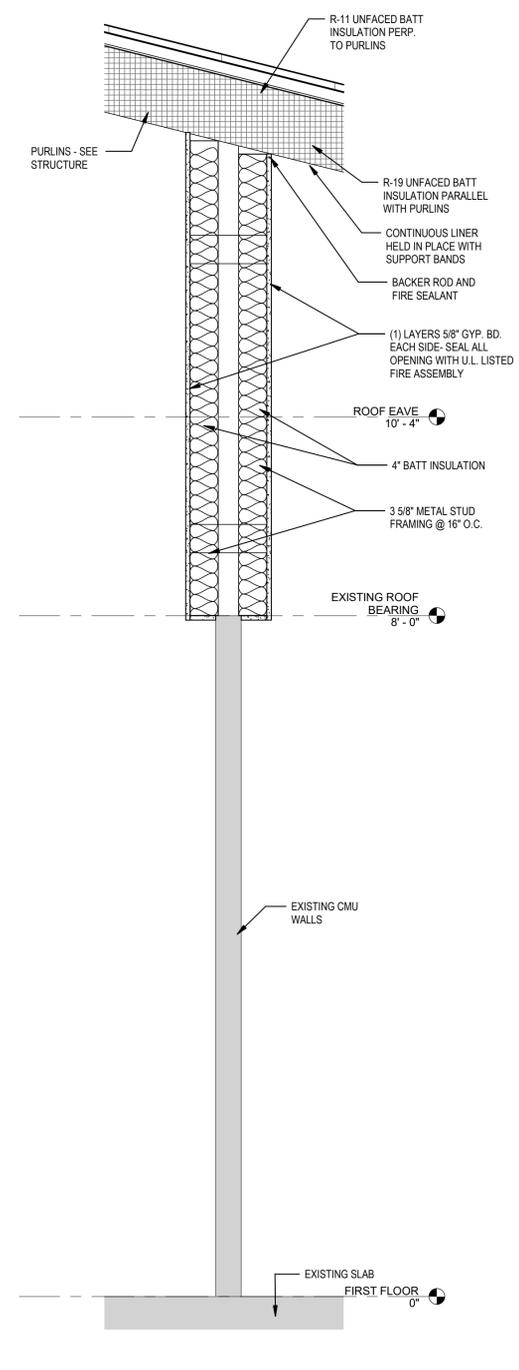
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WALL SECTION - 1  
1" = 1'-0"



TYPICAL SHOWER SECTION - 2  
1" = 1'-0"



WALL SECTION - 3  
1" = 1'-0"



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SHEET TITLE:  
3D VIEWS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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CHECKED MG

FINAL DATE  
2-18-2026

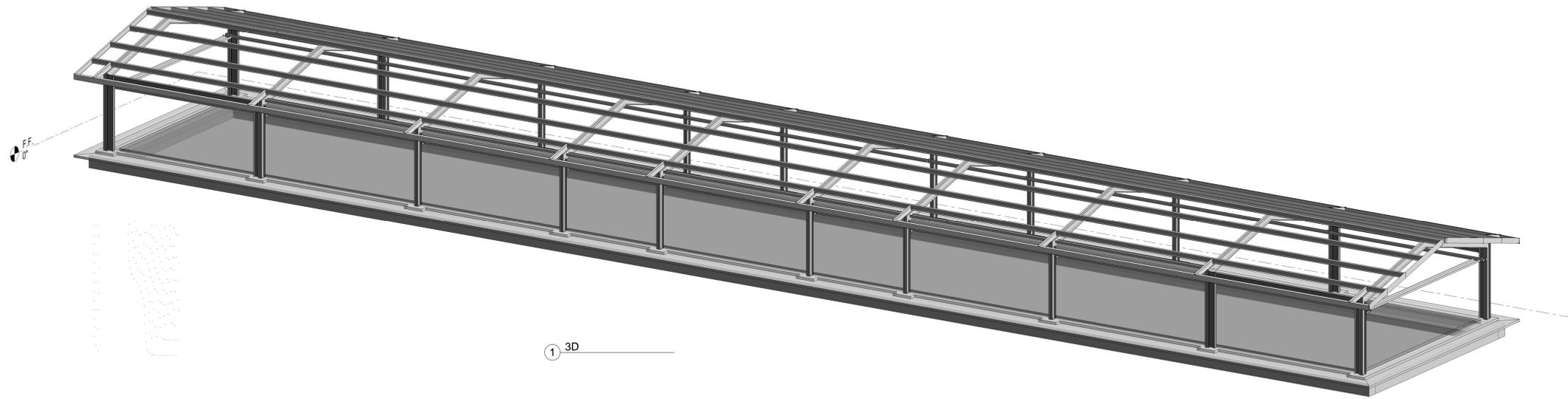
REVISION SCHEDULE  
REV # REV DATE



CN25-4137

SHEET NUMBER

S0.1



1 3D

- THE OWNER WILL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL INSPECTIONS DURING CONSTRUCTION FOR THE ITEMS IN THE SPECIAL INSPECTION TABLE BELOW.
- THE SPECIAL INSPECTORS SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, AND THE ENGINEER OF RECORD, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
  - SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS. THE INSPECTOR MAY NOT ALTER, MODIFY, ENLARGE, OR WAIVE THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
  - SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OF RECORD, AND THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN IF UNCORRECTED, SUBMIT A COMPLETE LIST OF ALL OUTSTANDING DISCREPANCIES ON A WEEKLY BASIS TO THE OWNER, THE BUILDING OFFICIAL, AND THE ENGINEER OF RECORD UNTIL ALL CORRECTIONS HAVE BEEN COMPLETED.
  - SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS & SPECIFICATIONS & THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.
- WHERE SPECIAL INSPECTION REQUIREMENTS DUPLICATE THE REQUIREMENTS OF A SPECIFIED QUALITY ASSURANCE TESTING PROGRAM, DUPLICATE INSPECTIONS SHALL BE REQUIRED.

CONCRETE		
ISOLATED SPREAD FOOTINGS & CONTINUOUS LINE FOOTINGS ARE INCLUDED. PATIOS, DRIVEWAYS, & SIDEWALKS ARE EXCLUDED		
1. INSPECTION OF REINFORCING STEEL, PLACEMENT OF SAME	PERIODIC	ACI 318 3.5, 7.1-7.7
2. INSPECT BOLTS TO BE INSTALLED IN CONCRETE, PRIOR TO & DURING PLACEMENT OF CONCRETE	CONTINUOUS	
3. INSPECT EPOXY SET ANCHORS AND EXPANSION ANCHORS INSTALLED IN HARDENED CONCRETE	CONTINUOUS	PRODUCT ICBO REPORT
4. VERIFYING USE OF REQUIRED DESIGN MIX.	PERIODIC	ACI 318 CH 4, 5.2-5.4
5. SAMPLING FRESH CONCRETE & PERFORMING SLUMP, AIR CONTENT, TEMPERATURE TESTS AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TESTS	CONTINUOUS	ASTM C172, C31 ACI 318 5.6, 5.8
6. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	CONTINUOUS	ACI 318 5.9, 5.10
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE & TECHNIQUES	PERIODIC	ACI 318 5.11-5.13
8. INSPECT FORMWORK FOR SHAPE, LOCATION & DIMENSIONS PRIOR TO PLACING	PERIODIC	ACI 318 6.1.1

STEEL CONSTRUCTION		
1. MATERIAL VERIFICATION OF STRUCTURAL STEEL A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARD REQUIRED. B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED.		ASTM A6, A568
2. MATERIAL VERIFICATION OF WELD FILLER MATERIALS A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARD SPECIFIED B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.		AISC ASD, A3.6
3. INSPECTION OF WELDING A. SINGLE PASS FILLET WELDS LESS THAN/EQUAL TO 5/16"	PERIODIC	AWS D1.1

2 NOTES  
12" = 1'-0"

### GENERAL NOTES:

- All concrete shall conform to current ACI specifications and shall be as follows: regular sand and gravel with minimum of 3500 psi compressive strength in 28 days. All concrete shall have 3/4" maximum aggregate size, maximum slump of 5".
- Provide necessary reinforcing steel accessories to hold bars in proper position.
- Provide corner bars of same size and number as horizontal bars at all corners of gradebeams.
- All reinforcing shall be deformed, ASTM 615, Grade 60.
- All detailing and fabrication of reinforcing bars must follow the ACI "Manual of Standard Practice for Detailing Reinforced Concrete Structures."
- All placing of reinforcing bars in the forms must follow the CRSI "Recommended Practice for Placing Reinforcing Bars."
- All bars are to be supported in the forms with wire bar supports meeting the requirements of the ACI "Manual of Standard Practice for Detailing Reinforced Concrete Structures".
- Lap splices as specifically called for, but as least 36 bar diameters (18" min.).
- All reinforcing bars shall be securely wired together in the forms. Two-way mats of steel, column ties, and beam stirrups shall be tied sufficiently to hold them securely in place.
- Control joints in slab on grade shall be sawed 1-1/4" deep within 8 hours of pouring slab. Seal all joints with sealant.
- All reinforcing shall have concrete cover as specified in ACI-318.
- Design live loads for roofs and wind are in accordance with the "International Building Code", 2018 Edition. Loads for:
  - Roof live load is 20 psf, Snow load is 5psf

### STRUCTURAL NOTES:

- Unless shown otherwise, the following loose lintel schedule shall be used.
 

Clear Spacing	Lintel angle for each 4" masonry thickness
to 4'-0"	3-1/2" x 3-1/2" x 1/4"
4'-1" to 6'-0"	4" x 3-1/2" x 3/8"
6'-1" to 8'-0"	5" x 3-1/2" x 3/8"
8'-1" to 10'-0"	6" x 3-1/2" x 3/8"
over 10'-0"	consult engineer
- All beams shall have a minimum yield strength of 50 ksi, and conform to ASTM A-992
- No splices in structural steel shall be accepted without approval of the engineer except where shown on the drawings.
- Anchor bolts shall be ASTM F1554, grade 36.
- All welding rods used shall be grade 70xx.
- All structural steel shall be manufactured and erected in accordance with the Fourteenth Edition of the American Institute of Steel Construction Manual.
- All steel connections not otherwise noted shall be welded all around. The weld size shall be equal to the thinner material to be connected.

## DESIGN BUILDING CODE

INTERNATIONAL BUILDING CODE - 2018 EDITION

## DESIGN CODES

AISC MANUAL OF STEEL CONSTRUCTION, FOURTEENTH EDITION  
ACI 318 - BUILDING REQUIREMENTS FOR REINFORCED CONCRETE

## WIND LOADING NOTES

BUILDING RISK CATEGORY II  
IMPORTANCE FACTOR I=1  
ULTIMATE WIND SPEED 150 MILES PER HOUR  
10% ABOVE IBC REQUIREMENTS  
EXPOSURE CATEGORY C

## SEISMIC NOTES

Ss= 10.9% S1=6.6%  
Seismic Design Category B  
Seismic Site Class D  
Sms=0.175 Sm1=0.159  
Sds=0.116 Sd1=0.106

## SOIL BEARING PRESSURE

NET ALLOWABLE BEARING PRESSURE 2000 PSF  
GEOTECHNICAL INVESTIGATION BY BURNS COOLEY DENNIS

## METAL WALL STUDS

MINIMUM METAL STUD SIZE TO BE 600S162-33 (33KSII) AT 16" O.C.  
EXTERIOR METAL STUD WALLS TO BE DESIGNED BY STUD SUPPLIER CONTRACTOR TO PROVIDE SHOP DRAWINGS AND CALCULATIONS FOR METAL STUD DESIGN FOR APPROVAL.  
ALLOWABLE DEFLECTION FOR GLASS = H or L/720  
ALLOWABLE DEFLECTION FOR ALL OTHER = H/360

## METAL BUILDING NOTES:

ALL WIND/SEISMIC LOADS SHALL BE DETERMINED BY THE METAL BUILDING MANUFACTURER. ALL LOADING APPLIED TO THE METAL BUILDING SHALL BE DETERMINED BY THE METAL BUILDING MANUFACTURER.

MAXIMUM DRIFT TO BE H/360.

MAXIMUM DEFLECTION OF PURLINS BEAMS AND GIRTS TO BE L/360.  
BASES OF COLUMNS TO BE PINNED.  
MIN. INTERIOR FLANGE THICKNESS SHALL BE .25" FOR ALL METAL BUILDING COLUMNS.



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SEAL

BID SET

SHEET TITLE:  
FRAMING PLANS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

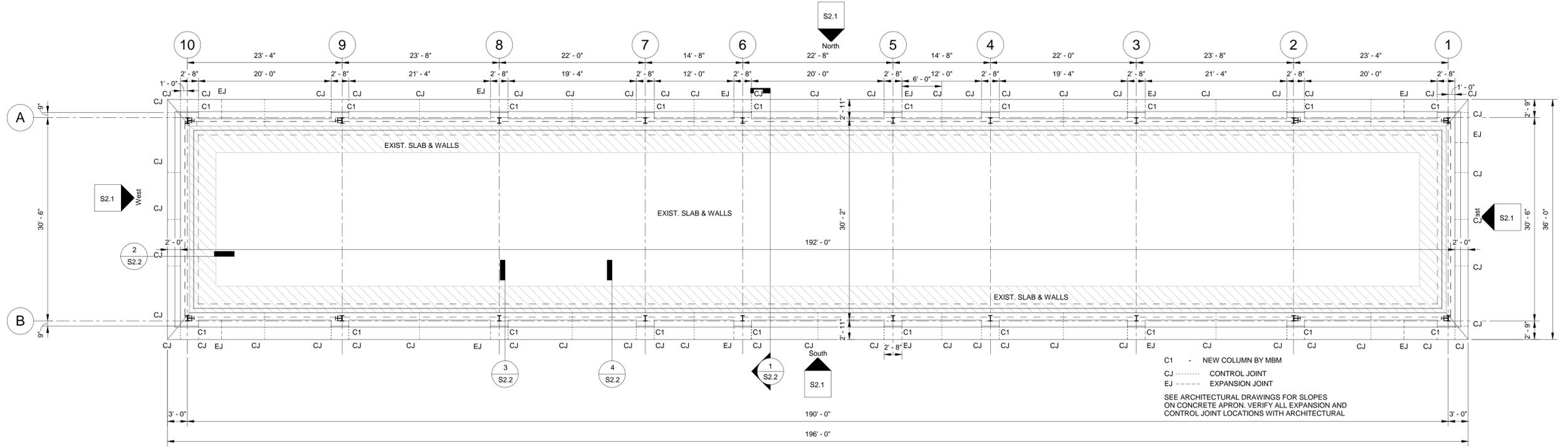
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CHECKED MG  
FINAL DATE  
2-18-2026  
REVISION SCHEDULE  
REV # REV DATE



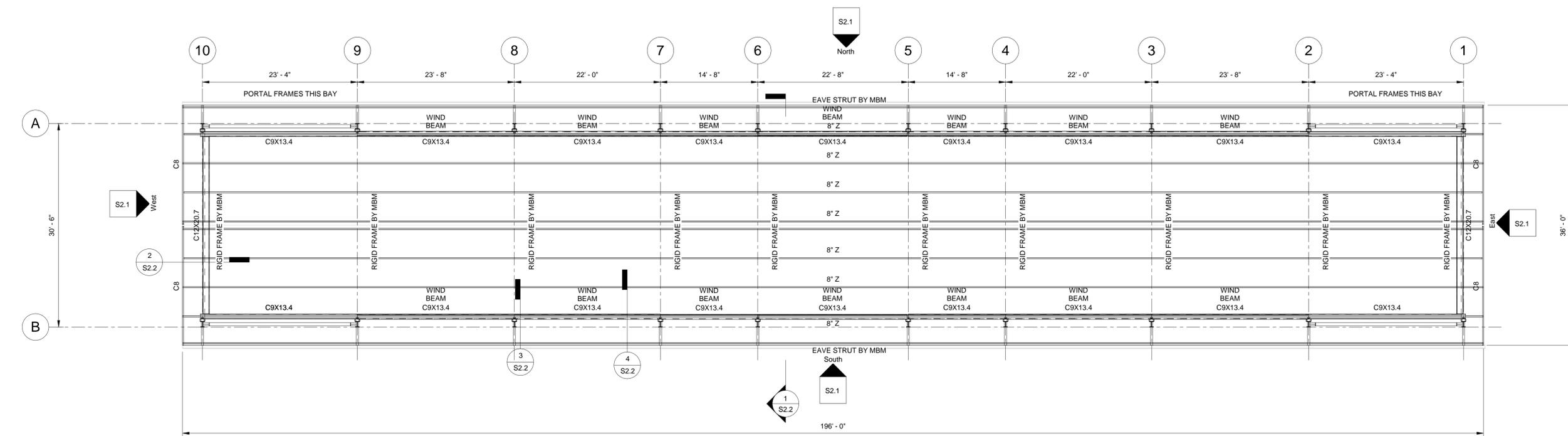
CN25-4137

SHEET NUMBER

**S1.1**



1 FOUNDATION PLAN  
1/8" = 1'-0"



2 ROOF FRAMING  
1/8" = 1'-0"



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SEAL

BID SET

SHEET TITLE:  
BUILDING WALL ELEVATIONS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

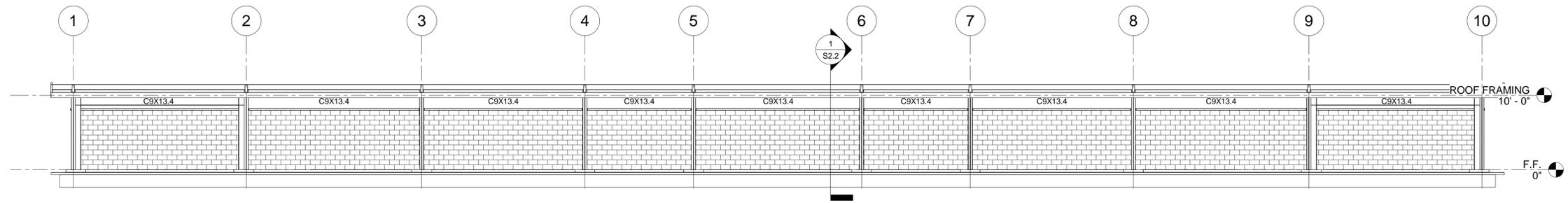
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CHECKED	MG
FINAL DATE	2-18-2026
REVISION SCHEDULE	
REV #	REV DATE



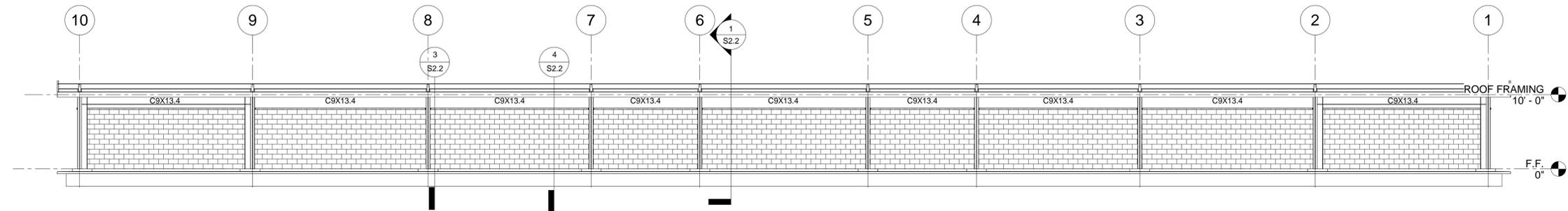
CN25-4137

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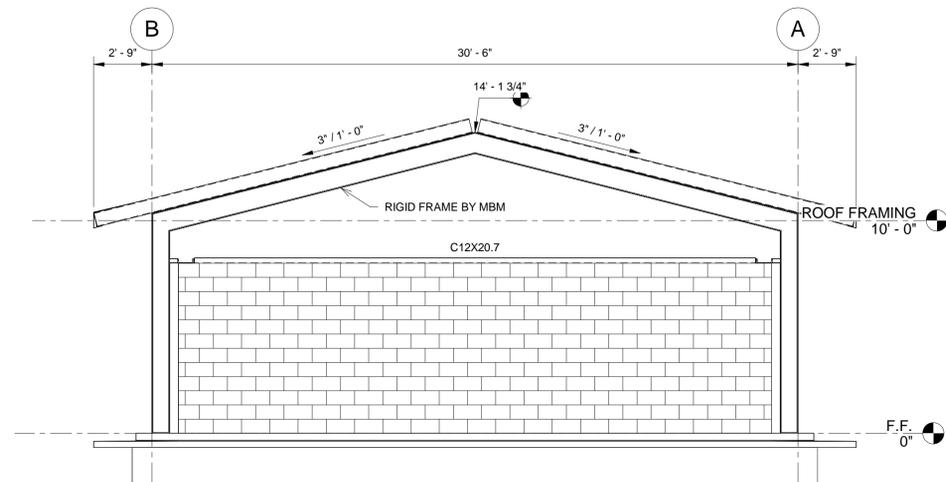
**S2.1**



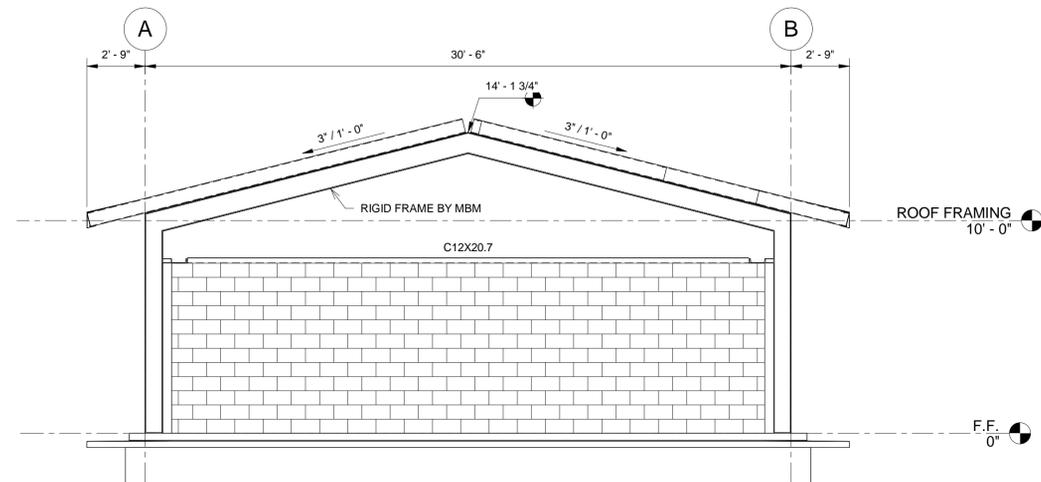
1 North  
1/8" = 1'-0"



2 South  
1/8" = 1'-0"



3 East  
1/4" = 1'-0"



4 West  
1/4" = 1'-0"



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SEAL

BID SET

SHEET TITLE:  
BUILDING SECTIONS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

DRAWN CF  
CHECKED MG

FINAL DATE  
2-18-2026

REVISION SCHEDULE

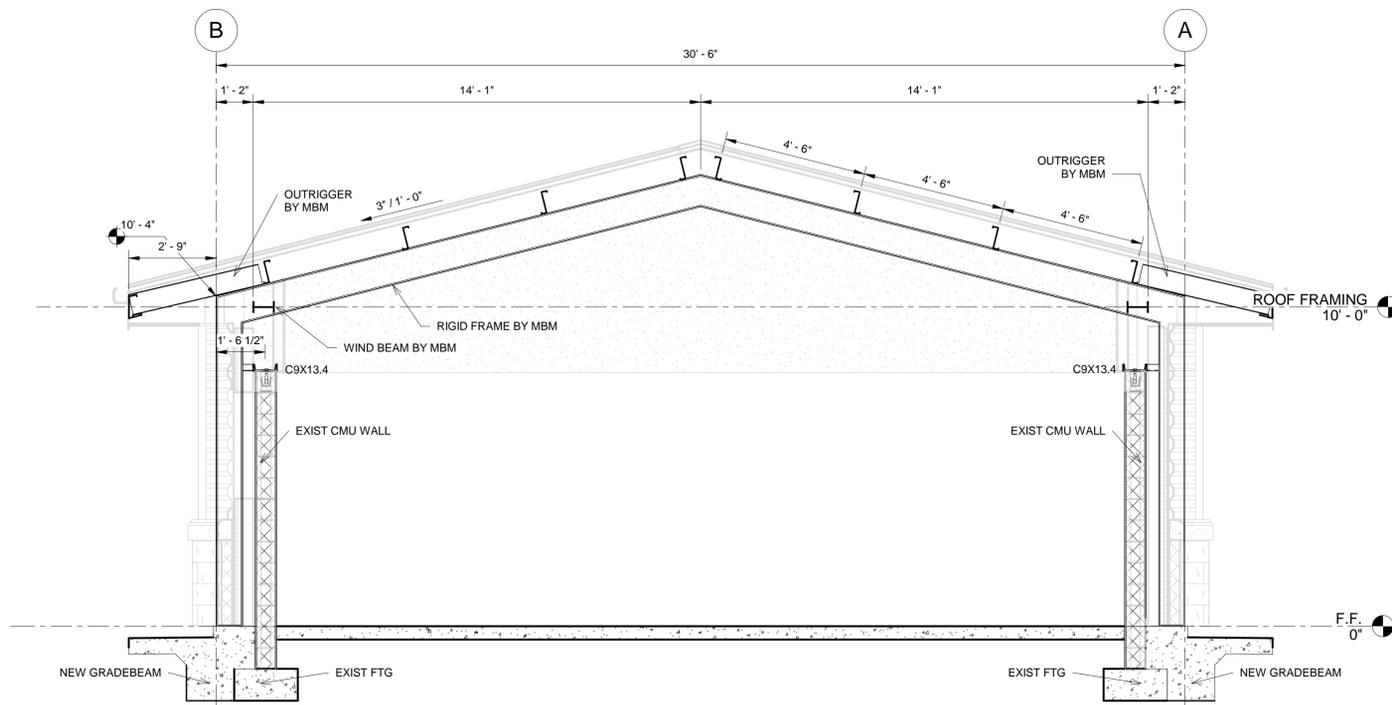
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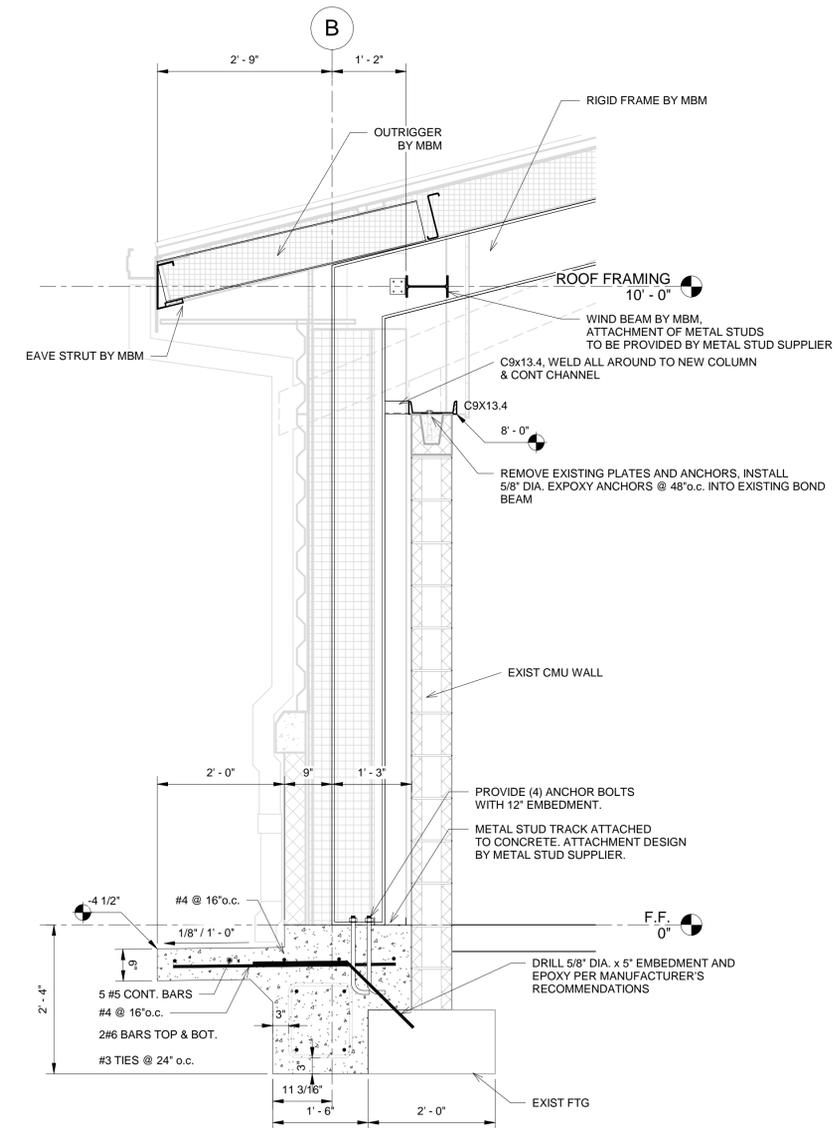
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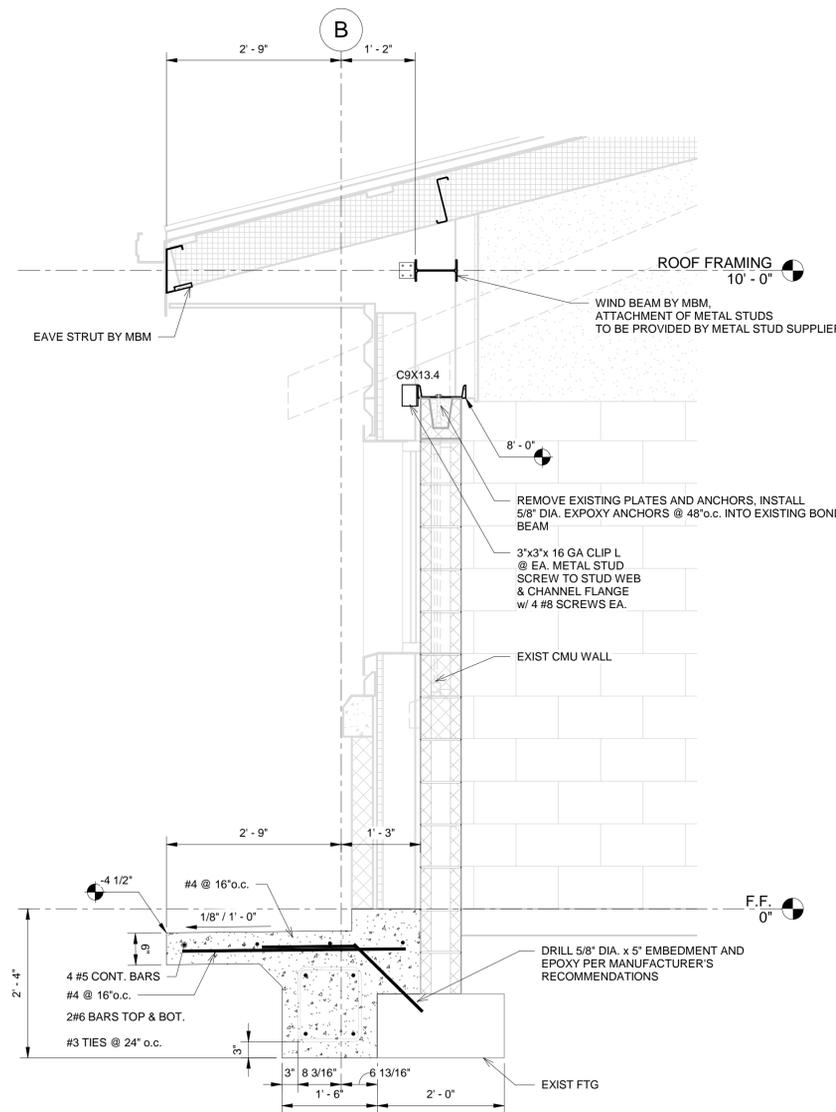
**S2.2**



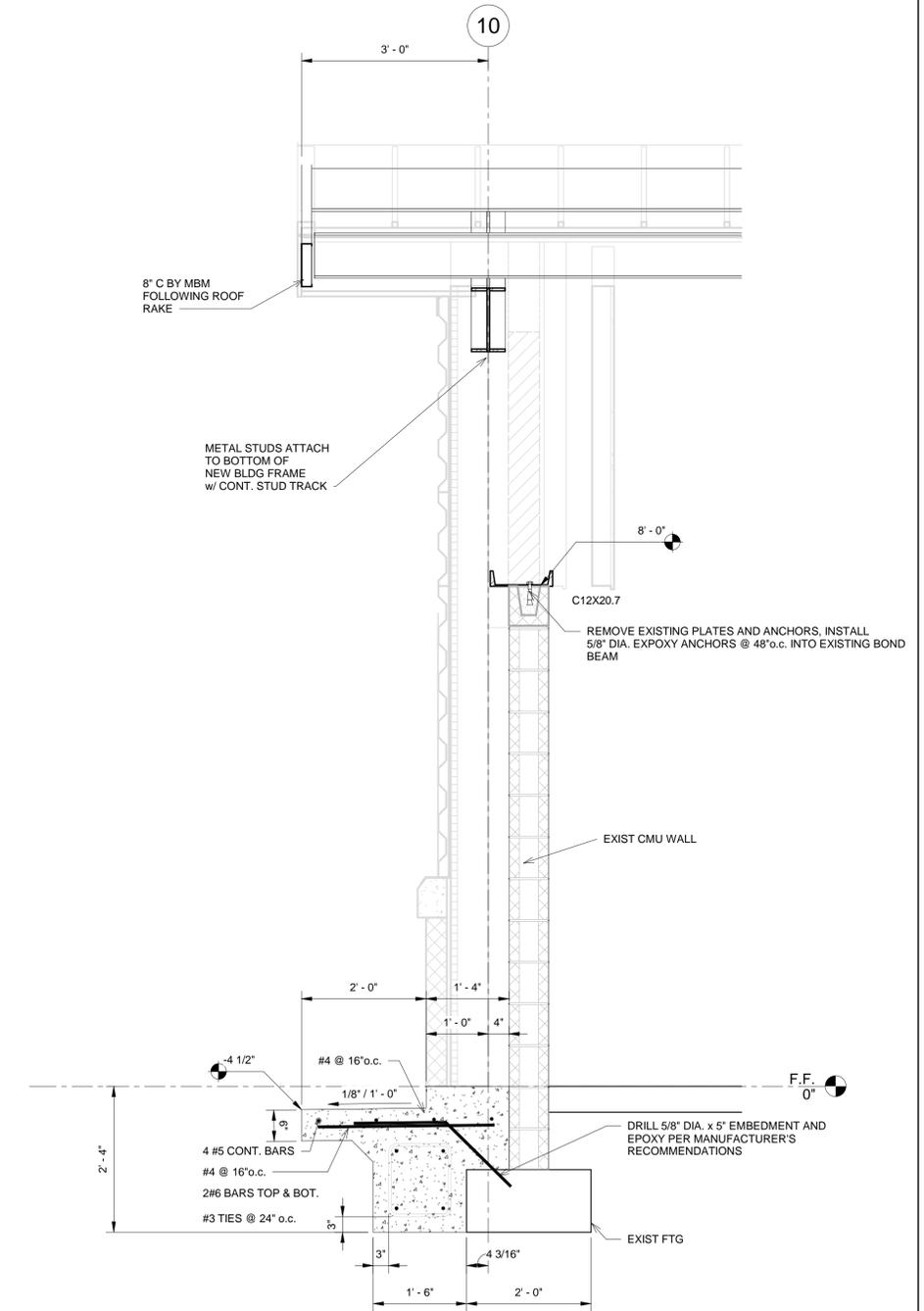
1 BLDG SECTION 1/S2.2  
3/8" = 1'-0"



3 Detail 3/S2.2  
3/4" = 1'-0"



4 Detail 4/S2.2  
3/4" = 1'-0"



2 Detail 2/S2.2  
3/4" = 1'-0"



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ICT Project No. 2545-01288-00



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### GENERAL FIRE PROTECTION NOTES

- AS PART OF THIS PROJECT, FURNISH AND INSTALL A COMPLETE AUTOMATIC SPRINKLER SYSTEM FOR ALL NEW CONSTRUCTION AND RENOVATED AREAS, INCLUDING CANOPIES, OVERHANGS, AND ATTICS. THE END PRODUCT SHALL PRODUCE A FULLY SPRINKLERED FACILITY. COORDINATE WITH THE ARCHITECTURAL PLANS FOR THE LIMITS OF CONSTRUCTION, CEILING HEIGHTS AND CEILING TYPES. REFER TO THE FLOOR PLANS FOR CONNECTION POINTS AND ZONING OF THE SYSTEM(S).
- THE SPRINKLER SYSTEM FOR NEWLY CONSTRUCTED AREAS SHALL BE SUPPLIED FROM AUTOMATIC SPRINKLER RISER ASSEMBLIES OR COMBINATION STANDPIPES AND SHALL BE FURNISHED COMPLETE WITH STANDARD TRIM AND THE NECESSARY COMPONENTS TO INTERLOCK WITH THE BUILDING FIRE ALARM SYSTEM.
- THE FIRE PROTECTION SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF NFPA, ALL LOCAL, COUNTY, AND STATE REGULATIONS, AS WELL AS THE FACILITY'S INSURANCE UNDERWRITER. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR WIRING OF THE VARIOUS TAMPER AND FLOW SWITCHES AS WELL AS AIR COMPRESSORS AND PRE-ACTION SYSTEM CONTROLS.
- THE SPRINKLER SYSTEM SHALL BE HYDRAULICALLY CALCULATED BY THE SPRINKLER CONTRACTOR. PROVIDE CALCULATIONS FOR THE HYDRAULICALLY MOST DEMANDING AREA AND FOR EACH OCCUPANCY CLASSIFICATION. THE CALCULATIONS SHALL UTILIZE CRITERIA FROM THE SPECIFICATIONS.
- THE SPRINKLER CONTRACTOR SHALL SUBMIT COMPLETE SPRINKLER SHOP DRAWINGS AND CALCULATIONS STAMPED AND SIGNED BY THE SPRINKLER CONTRACTOR WITH A MINIMUM NICET III LEVEL REGISTRATION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THEY MUST BE SIGNED BY A RESPONSIBLE MANAGING EMPLOYEE AND SUBMITTED BY A REGISTERED FIRE PROTECTION CONTRACTOR.
- ALL SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE AND PROVIDED WITH TEMPERATURE RATINGS AS DICTATED BY NFPA FOR THE SPACES SERVED AND PER THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. ALL SPRINKLER HEADS SHALL BE INSTALLED ACCORDING TO THEIR LISTING. THE SPRINKLER CONTRACTOR SHALL COORDINATE THE LOCATION OF PIPING AND HEADS WITH LIGHT FIXTURES, DIFFUSERS, DUCTWORK, PLUMBING LINES, ETC., AND MAKE MINOR ADJUSTMENTS IN THE SPRINKLER LAYOUT WHERE REQUIRED OR DEEMED NECESSARY BY THE ARCHITECT. ALL SPRINKLER HEADS SHALL BE LOCATED SYMMETRICALLY IN ALL AREAS AND CENTERED IN CEILING TILES. PROVIDE SPRINKLER HEADS BY TYPE AS FOLLOWS:
  - IN AREAS WITH FINISHED CEILINGS, PROVIDE CHROME-PLATED, SEMIRECESSED, QUICK RESPONSE TYPE SPRINKLER HEADS. ASSOCIATED SPRINKLER PIPING SHALL BE ROUTED ABOVE THE CEILING AND IN FURRED SPACES, CHASES, ETC., TO COMPLETELY CONCEAL ALL PIPING.
  - IN AREAS WITHOUT FINISHED CEILINGS, PROVIDE BRASS, UPRIGHT QUICK RESPONSE TYPE SPRINKLER HEADS. ASSOCIATED SPRINKLER PIPING SHALL BE ROUTED EXPOSED TO VIEW. WHERE EXPOSED IN OCCUPIED SPACES, PAINT PIPE TO MATCH ADJOINING AREAS (COLOR SELECTED BY ARCHITECT). PROVIDE AND INSTALL HARD-WIRE CAGE SPRINKLER GUARDS ON ALL SPRINKLER HEADS SUBJECT TO MECHANICAL DAMAGE.
  - ALL SPRINKLER HEADS IN AREAS WITH FINISHED CEILING WHICH ARE SUBJECT TO FREEZING CONDITIONS (CANOPIES AND OVERHANGS) SHALL BE CHROME-PLATED, FREEZE-PROOF, CORROSION RESISTANT PENDANT TYPE WITH TEMPERATURE RATING AS CONDITIONS DICTATE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN IN CONDITIONED SPACE AS OUTLINED ABOVE.
- INDICATING VALVE (POST OR WALL) SHALL BE FURNISHED COMPLETE WITH THE NECESSARY COMPONENTS TO SOUND A LOCAL ALARM IN THE EVENT THE VALVE IS CLOSED. ALARM AND WIRING SHALL BE BY THE ELECTRICAL CONTRACTOR.
- ALL SYSTEM GAUGES AND VALVES SHALL BE ACCESSIBLE FOR INSPECTION AND MAINTENANCE.
- FLEXIBLE, STAINLESS STEEL HOSE CONNECTIONS BETWEEN SPRINKLER HEADS AND BRANCH PIPING MAY BE UTILIZED WHERE ACCEPTED BY THE AUTHORITY HAVING JURISDICTION. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
- ALL SPRINKLER BRANCH OUTLETS SHALL BE MINIMUM 1".
- LOCATE ALL AUTOMATIC SPRINKLER LINES ABOVE CEILING UNLESS OTHERWISE NOTED.

### FIRE PROTECTION LEGEND

TAG	DESCRIPTION	TAG	DESCRIPTION
A/S	AUTOMATIC SPRINKLER	FDV	FIRE DEPARTMENT VALVE
FPW	FIRE PROTECTION WET PIPE	FPD	FIRE PROTECTION DRY PIPE
OS&Y	OUTSIDE STEM & YOKE	PRV	PRESSURE REDUCING VALVE
	CONNECT TO EXISTING	FDC	FIRE DEPT. CONNECTION
	DEMOLITION POINT	(E)	EXISTING

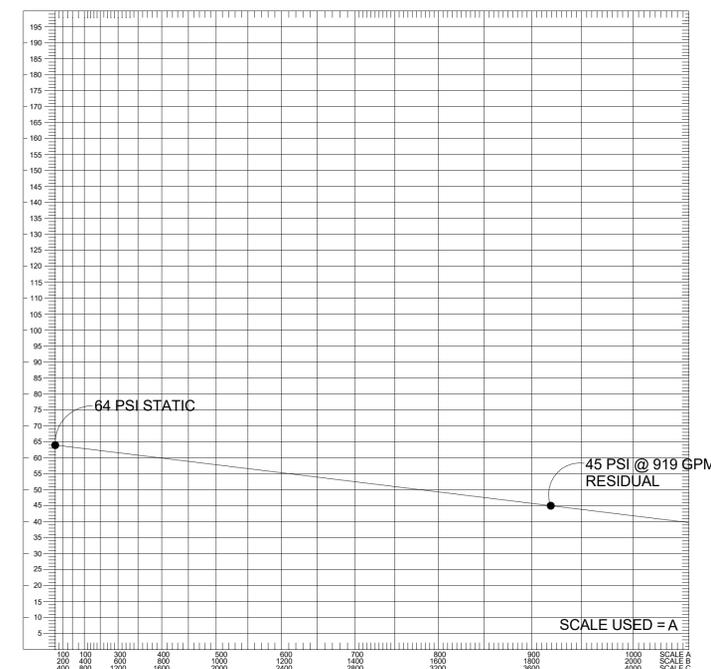
### PIPING LEGEND

	DIRECTION OF WATER FLOW
	TEE FITTING
	PIPE TURNING DOWN
	PIPE TURNING UP
	PIPE SHUT-OFF VALVE

### SHEET LIST - FIRE PROTECTION

Sheet Number	Sheet Name	Drawn By	Checked By
FP0.1	LEGENDS - FIRE PROTECTION	ADP	TKP
FP1.1	OVERALL FLOOR PLAN - FIRE PROTECTION	ADP	TKP
FP2.1	DETAILS - FIRE PROTECTION	ADP	TKP

### WATER FLOW TEST SUMMARY SHEET



HYDRANT NO.	OUTLET (INCHES)	STATIC (PSI)	RESIDUAL (PSI)	PITOT (PSI)	FLOW (GPM)	JOB NAME: CAMP SHELBY BUILDING 1471 CAMP SHELBY, MISSISSIPPI
RESIDUAL HYDRANT	---	64	45	---	---	DATE: 6/24/2025 TIME: 8:40 AM
FLOW HYDRANT	2.5	---	---	30	919	TESTED BY: SHANE HODGE / BRETT POCHE

SEAL



BID SET

SHEET TITLE:  
LEGENDS - FIRE PROTECTION

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 28250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

DRAWN ADP  
CHECKED TKP

FINAL DATE  
FEB. 18, 2026

REVISION SCHEDULE  
REV # REV DATE

CN# 25-4137

SHEET NUMBER

FP0.1



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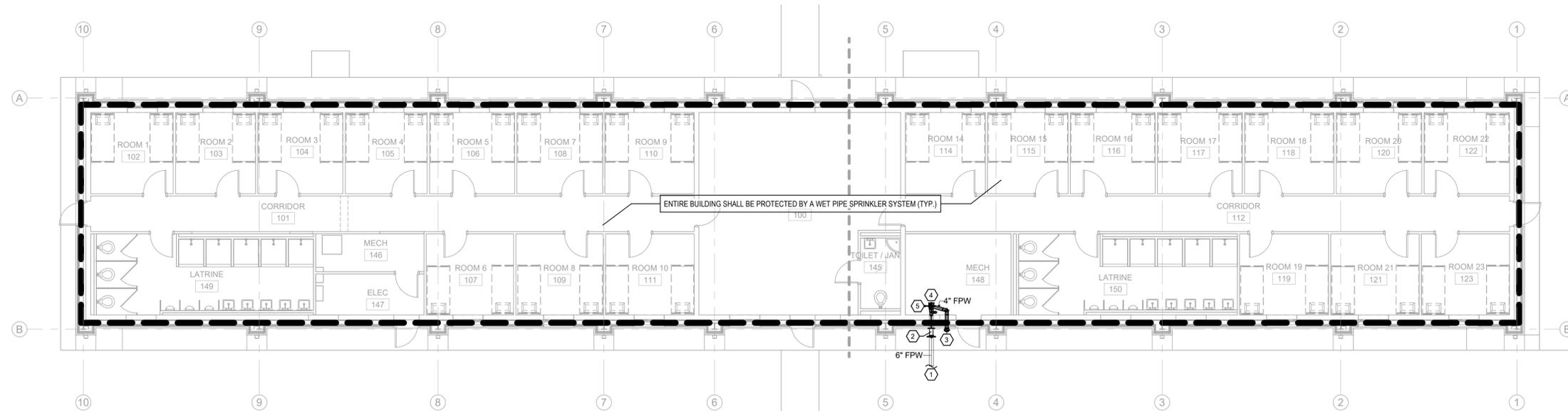


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**OVERALL FLOOR PLAN - FIRE PROTECTION - 1**  
 1/8" = 1'-0"



- KEYED NOTES:** ○
1. SEE PLUMBING SITE PLAN SHEET P0.3 FOR CONTINUATION.
  2. WALL POST INDICATOR VALVE.
  3. FIRE DEPARTMENT CONNECTION.
  4. PROVIDE THRUST BLOCK AT 90° BEND, PER DETAIL.
  5. WET PIPE SPRINKLER RISER, PER DETAIL.

SHEET TITLE:  
OVERALL FLOOR PLAN - FIRE PROTECTION

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471  
  
 P/N: 28250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

DRAWN ADP  
 CHECKED TKP

FINAL DATE  
 FEB. 18, 2026

REVISION SCHEDULE  
 REV # REV DATE

CN# 25-4137

SHEET NUMBER

**FP1.1**



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BID SET

SHEET TITLE:  
DETAILS - FIRE PROTECTION

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

DRAWN ADP  
CHECKED TKP

FINAL DATE  
FEB. 18, 2026

REVISION SCHEDULE  
REV # REV DATE

CN# 25-4137

SHEET NUMBER

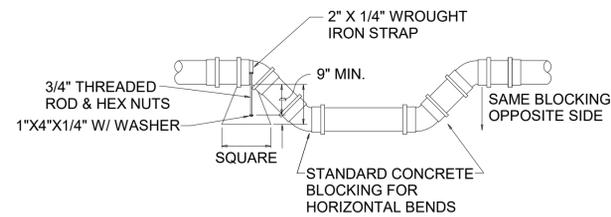
FP2.1

**THRUST BLOCK MINIMUM BEARING AREA**

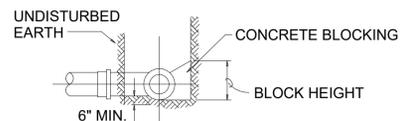
NOMINAL PIPE DIA.	[IN SQUARE FEET]			
	TEES	90° BEND	45° BEND	22.5° BEND
4"	2.7	3.8	2.1	1.0
6"	6.6	7.9	4.3	2.2
8"	9.6	13.6	7.4	3.8
10"	14.5	20.5	11.1	5.7
12"	20.5	29.0	15.7	8.0
14"	27.6	39.0	21.1	10.8

**NOTES:**

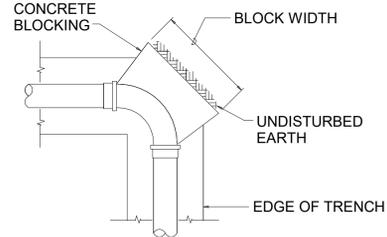
- THRUST BLOCKS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13.
- LISTED BEARING AREAS ARE BASED ON 100 PSI PRESSURE, 1,000 LB/FT<sup>3</sup> SOIL BEARING STRENGTH, AND 1.5 SAFETY FACTOR.
- FOR OTHER INTERNAL PRESSURES, MULTIPLY BY RATIO TO 100 PSI.
- FOR OTHER SOIL BEARING STRENGTHS, DIVIDE BY RATIO TO 1,000 LB/FT<sup>3</sup>.



**VERTICAL BENDS**

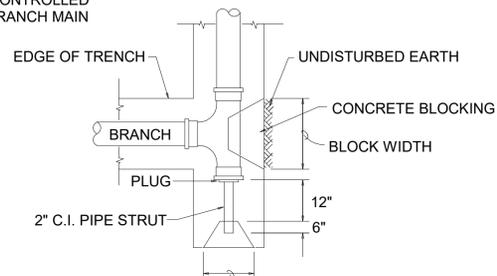


**SECTION**



**PLAN HORIZONTAL BENDS**

NOTE:  
DIMENSIONS ARE CONTROLLED BY DIAMETER OF BRANCH MAIN



**TEES, CROSSES, AND PLUGS**

**DETAIL NOTES:**

- BLOCK HEIGHT SHOULD BE EQUAL TO OR LESS THAN ONE-HALF THE TOTAL DEPTH TO THE BOTTOM OF THE BLOCK BUT NOT LESS THAN THE PIPE DIAMETER.
- BLOCK HEIGHT SHOULD BE CHOSEN SUCH THAT THE CALCULATED BLOCK WIDTH VARIES BETWEEN ONE AND TWO TIMES THE HEIGHT.

**CONCRETE THRUST BLOCKING**

No Scale

1

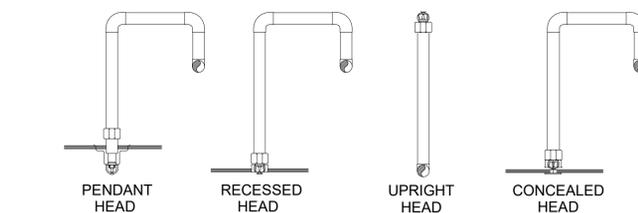
**SPRINKLER HEAD DETAILS**

No Scale

3

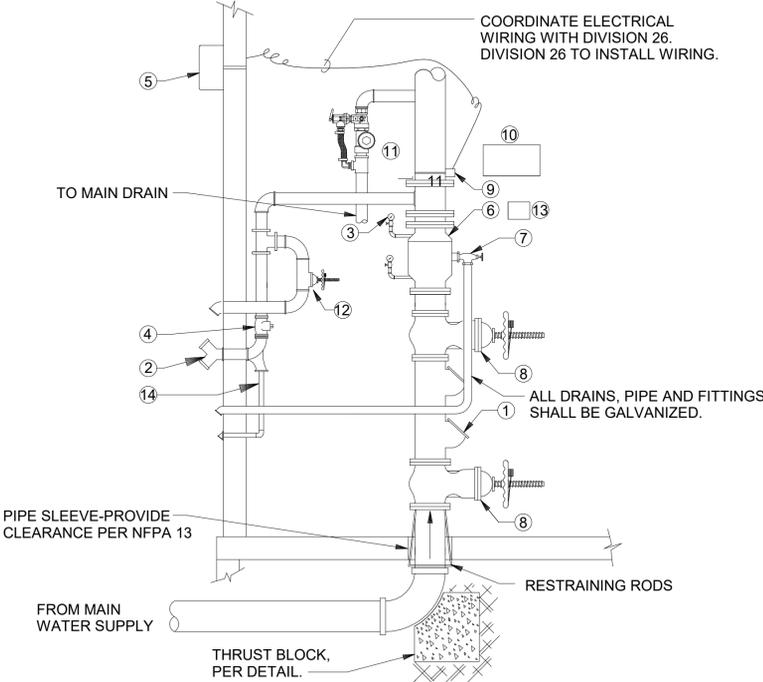
**WET SPRINKLER RISER DIAGRAM WITH ELECTRIC BELL**

No Scale



**NOTES:**

- WHERE PENDANT STYLE HEADS ARE INDICATED AND AN ACOUSTICAL TILE CEILING IS TO BE INSTALLED, INSTALL PENDANT HEADS CENTERED IN BOTH DIRECTIONS.
- ARMOVERS WHICH EXCEED 2' - 0" SHALL INCLUDE HANGERS TO STRUCTURE. IF SYSTEM PRESSURE EXCEEDS 100 PSI, ARMOVERS WHICH EXCEED 1' - 0" SHALL INCLUDE HANGERS TO STRUCTURE.
- CONTRACTOR HAS OPTION OF PROVIDING FLEXIBLE CONNECTIONS PER SPECIFICATION SECTION 21 13 13.



- DOUBLE CHECK VALVE ASSEMBLY
- FIRE DEPARTMENT CONNECTION SUPPLY LINE
- WATER GAUGE
- CHECK VALVE
- ELECTRIC BELL
- WET PIPE ALARM VALVE
- MAIN DRAIN
- O.S.&Y GATE VALVE WITH TAMPER SWITCH. (FIRE ALARM CONNECTION BY OTHERS)
- FLOW SWITCH (FIRE ALARM CONNECTION BY OTHERS)
- SPARE SPRINKLER CABINET
- INSPECTOR TEST AND DRAIN WITH SIGHT GLASS
- FORWARD FLOW TEST OS&Y GATE VALVE WITH TAMPER SWITCH. VALVE SHALL BE IN NORMALLY CLOSED POSITION.
- RISER NAME PLATE
- BALL DRIP

2

## GENERAL PLUMBING DEMOLITION NOTES

- DASHED LINES ON DEMO PLANS REPRESENT PLUMBING, FIRE PROTECTION, EQUIPMENT, PIPING, VALVES, HANGERS, SUPPORTS, ETC. TO BE REMOVED. PERMANENTLY SEAL AND CAP SERVICES NEXT TO MAIN SERVICE LINES ABOVE CEILINGS, IN WALLS, OR BELOW FLOORS AS REQUIRED.
- THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL-INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE DESIGN INDICATED BY THE CONTRACT DOCUMENTS. CONTRACTOR SHALL COORDINATE PLUMBING DEMOLITION DRAWINGS AND NOTES WITH ARCHITECTURAL DRAWINGS AND NOTES.
- EXISTING CONDITIONS AND LOCATIONS OF EQUIPMENT, FIXTURES, PIPING, ETC. SHALL BE FIELD VERIFIED PRIOR TO COMMENCING WORK. CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS AND MAY NOT BE EXACT. REFERENCE EXISTING AS-BUILT DRAWINGS FOR ADDITIONAL INFORMATION. REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS TO ARCHITECT, ENGINEER, AND OWNER PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK.
- CONTRACTOR SHALL REVIEW ALL ITEMS TO BE DEMOLISHED WITH OWNER TO IDENTIFY ANY ITEMS TO BE SALVAGED PRIOR TO START OF DEMOLITION.
- REPAIR/ REPLACE EXISTING EQUIPMENT, MATERIALS, AND SURFACES NOT SCHEDULED OR NOTED TO BE DEMOLISHED THAT ARE DAMAGED DURING CONSTRUCTION. MAKE ANY AND ALL SUCH REPAIRS AND REPLACEMENTS TO RESTORE THE DAMAGED ITEMS TO THEIR ORIGINAL CONDITIONS AT THE TIME OF DAMAGE, TO THE SATISFACTION OF AND AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL COORDINATE INTERRUPTIONS OF EXISTING SERVICES WITH THE OWNER PRIOR TO COMMENCING WORK.
- ALL DRAINAGE AND VENT PIPING REMOVAL SHALL BE PERFORMED SUCH THAT NO DEAD ENDS EXIST WHEN DEMOLITION IS COMPLETE.
- EXISTING PIPING TO REMAIN SHALL BE REPLACED AND/OR REROUTED AS REQUIRED TO ALLOW INSTALLATION OF NEW PIPING, CEILINGS, ETC. SEE ARCHITECTURAL PLANS FOR NEW CEILING HEIGHTS.
- FOR ALL DEMOLISHED MEDICAL GAS EQUIPMENT CONNECTED TO THE OWNER'S MASTER ALARM PANELS, REMOVE ALARM AND MONITORING POINTS FROM MASTER ALARM PANELS.

### SHEET LIST - PLUMBING

Sheet Number	Sheet Name	Drawn By	Checked By
P0.1	LEGENDS - PLUMBING	ADP	TKP
P0.2	DEMOLITION SITE PLAN - BUILDING 1471 - PLUMBING	ADP	DHW/TKP
P0.3	SITE PLAN - BUILDING 1471 - PLUMBING	ADP	DHW/TKP
PD1.0	OVERALL DEMOLITION FLOOR PLAN - PLUMBING	ADP	TKP
PD1.1	ENLARGED DEMOLITION FLOOR PLAN - EAST - PLUMBING	ADP	TKP
PD1.2	ENLARGED DEMOLITION FLOOR PLAN - WEST - PLUMBING	ADP	TKP
P1.0	OVERALL FLOOR PLAN - PLUMBING	ADP	TKP
P1.1	ENLARGED FLOOR PLAN - EAST - PLUMBING	ADP	TKP
P1.2	ENLARGED FLOOR PLAN - WEST - PLUMBING	ADP	TKP
P2.1	ENLARGED UNDERGROUND PLAN - EAST - SANITARY	ADP	TKP
P2.2	ENLARGED UNDERGROUND PLAN - WEST - SANITARY	ADP	TKP
P2.3	ENLARGED FLOOR PLAN - EAST - SANITARY	ADP	TKP
P2.4	ENLARGED FLOOR PLAN - WEST - SANITARY	ADP	TKP
P3.2	RISERS - SANITARY	ADP	TKP
P3.1	RISERS - PLUMBING	ADP	TKP
P3.3	RISERS - GAS	ADP	TKP
P4.1	DETAILS - PLUMBING	ADP	TKP
P4.2	DETAILS - PLUMBING	ADP	TKP
P4.3	DETAILS - PLUMBING	ADP	TKP
P5.1	SCHEDULES - PLUMBING	ADP	TKP

## GENERAL PLUMBING NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL PLUMBING CODE AND ALL LOCAL CODES.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ROUTING OF PIPING SYSTEMS. DRAWINGS SHALL NOT BE SCALED.
- CONTRACTOR SHALL ROUTE NEW PIPING TO AVOID CONFLICTS AND INTERFERENCES WITH DUCTWORK AND OTHER CRAFT WORK. FINAL COORDINATION WITH OTHER TRADES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE LOCATION OF EXISTING SITE UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BID. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER AND ARCHITECT.
- CONTRACTOR SHALL FIELD VERIFY BY MEASUREMENT THE EXACT LOCATION OF EXISTING EQUIPMENT, DUCTWORK, PIPING, STRUCTURE, AND OTHER CONDITIONS WHICH WILL AFFECT INSTALLATION. CONTRACTOR SHALL ROUTE NEW PIPING TO AVOID CONFLICTS AND INTERFERENCES WITH EXISTING FIELD CONDITIONS. FINAL COORDINATION WITH OTHER TRADES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- SIZES AND LOCATIONS OF EXISTING PIPING AND EQUIPMENT ARE SHOWN ACCORDING TO RECORDED INFORMATION. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER AND ARCHITECT.
- WHERE CHASES ARE REMOVED, OFFSET ALL EXISTING LINES TO NEW CHASES OR WALLS AND RECONNECT ABOVE CEILING AND BELOW FLOOR AS REQUIRED.
- PROVIDE SHUT OFF VALVES AT ALL CONNECTIONS BETWEEN NEW AND EXISTING ON DOMESTIC WATER AND GAS LINES.
- PENETRATIONS THROUGH EXISTING RATED PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN THE INTEGRITY OF THE EXISTING RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR FINAL FINISHES AND RESTORE DAMAGED SURFACES AS REQUIRED.
- DO NOT ROUTE ANY PIPING DIRECTLY OVER ELECTRICAL PANELS AND EQUIPMENT, ELEVATOR EQUIPMENT AND CONTROLS, OR TELECOMMUNICATIONS EQUIPMENT. SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.
- ALL EXPOSED PIPING IN FINISHED SPACES SHALL BE INSTALLED AS HIGH AS POSSIBLE ABOVE FINISHED FLOOR AND SHALL BE PREPARED WITH PAINT GRIP SUITABLE FOR PAINTING.
- FIRESTOP ALL PIPING PENETRATIONS THROUGH RATED WALLS AND FLOORS.
- WALL HYDRANTS AND HOSE BIBBS SHALL BE INSTALLED 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- ALL HOSE BIBBS, WALL HYDRANTS AND HOSE END CONNECTIONS SHALL BE EQUIPPED WITH AN INTEGRAL VACUUM BREAKER.
- BRANCH LINES SERVING SINGLE FIXTURES MAY NOT BE SIZED ON THE FLOOR PLANS. CONTRACTOR SHALL REFERENCE RISER DIAGRAMS AND THE FIXTURE CONNECTION SCHEDULE FOR ADDITIONAL SIZING INFORMATION.
- PLUMBING VENTS AND STACKS THROUGH ROOF SHALL BE INSTALLED A MINIMUM OF 10'-0" CLEAR OF ALL OUTSIDE AIR INTAKES AND WINDOWS.
- CONTRACTOR IS RESPONSIBLE FOR FINAL CONNECTIONS TO EQUIPMENT FURNISHED UNDER OTHER SECTIONS OR PROVIDED BY THE OWNER. PROVIDE SUPPLIES, STOPS, TAILPIECES, P-TRAPS, PRVS, BACKFLOW PREVENTION DEVICES, AND INDIRECT DRAIN LINES AS REQUIRED. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- PROVIDE FLEXIBLE, CHROME PLATED COPPER SUPPLIES WITH ANGLE STOPS FOR ALL SINKS, LAVATORIES, TANK TYPE WATER CLOSETS, DRINKING FOUNTAINS, OWNER FURNISHED EQUIPMENT, ETC.
- PROVIDE ADA INSULATION KITS FOR SUPPLIES, DRAIN PIPING AND TRAPS AT ADA LAVATORIES AND SINKS.
- PROVIDE ACCESSIBLE ISOLATION VALVES IN DOMESTIC COLD AND HOT WATER LINES SERVING RESTROOMS AND ANY OTHER LOCATIONS SHOWN ON THE PLANS. ADDITIONALLY, PROVIDE ACCESSIBLE ISOLATION VALVES AT ALL MAIN BRANCH RUNOUTS.
- FURNISH AND INSTALL WATER HAMMER ARRESTORS IN DOMESTIC COLD AND HOT WATER LINES AT CONNECTIONS TO FLUSH VALVES AND QUICK CLOSING VALVES. PROVIDE ACCESS TO ALL WATER HAMMER ARRESTORS THRU LAY-IN CEILINGS OR ACCESS PANELS.
- PROVIDE TRAP PRIMER CONNECTION AND TRAP PRIMER FOR ALL FLOOR DRAINS. FLOOR DRAIN TRAPS SHALL BE PRIMED BY THE NEAREST LAVATORY OR FLUSH VALVE WATER CLOSET UNLESS NOTED OTHERWISE.
- FOR BELOW GRADE SANITARY WASTE, CAST IRON PIPING SHALL BE INSTALLED FOR THE FIRST 10'-0" ON DRAINS SERVING BOILER ROOMS, FOOD PREP/DISHWASHING, STERILIZERS, OR ANY OTHER EQUIPMENT THAT MAY DISCHARGE WASTE WATER ABOVE 140°F.
- PROVIDE 4" HIGH CONCRETE PAD FOR ALL FLOOR-MOUNTED EQUIPMENT.
- INSTALL CLEANOUTS AT THE BASE OF ALL SANITARY AND STORM STACKS, AT ALL CHANGES IN DIRECTION GREATER THAN 45 DEGREES, AND AT LEAST EVERY 50 FEET IN STRAIGHT RUNS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ROUGHING DIMENSIONS OF ALL PLUMBING FIXTURES, DRAINS, ETC.
- DIELECTRIC UNIONS SHALL BE INSTALLED AT ALL CONNECTIONS BETWEEN DISSIMILAR METALS (SUCH AS COPPER TO GALVANIZED STEEL).
- ALL MATERIALS WITHIN RETURN AIR PLENUMS SHALL BE NONCOMBUSTIBLE.

## PLUMBING LEGEND

	SANITARY WASTE		GAS COCK
	PLUMBING VENT		GLOBE VALVE
	STORM WATER DRAIN		PRESSURE REDUCING VALVE
	ACID WASTE		MANUAL AIR VENT
	ACID VENT		RELIEF VALVE
	DOMESTIC COLD WATER		BALL VALVE
	DOMESTIC HOT WATER		CLEANOUT
	HOT WATER RECIRCULATING LINE		STRAINER
	FIRE PROTECTION RISER		THERMOMETER
	CONDENSATE DRAIN		THERMOMETER WELL
	COMPRESSED AIR		VENT THRU ROOF
	GAS		GAGE
	GATE VALVE		UNION
	BALANCING VALVE		HOSE BIBB
	CHECK VALVE; ARROW INDICATES FLOW		MEDICAL GAS WALL OUTLET
	FLOW MEASURING DEVICE		PIPE TURNING DOWN
	3-WAY CONTROL VALVE		PIPE TURNING UP
	2-WAY CONTROL VALVE		FIXTURE NUMBER
	DEMOLITION POINT		FLEXIBLE CONNECTION
	CONNECTION TO EXISTING		

## PIPING LEGEND

	DIRECTION OF WATER / SANITARY FLOW
	TEE FITTING
	PIPE TURNING DOWN
	PIPE TURNING UP
	PIPE SHUT-OFF VALVE

## PLUMBING ABBREVIATIONS

TAG	DESCRIPTION	TAG	DESCRIPTION
CW	DOMESTIC COLD WATER	CD	CONDENSATE DRAIN
HW	DOMESTIC HOT WATER	IW	IRRIGATION WATER
HWR	HOT WATER RETURN	FPW	FIRE PROTECTION LINE - WET
NG	NATURAL GAS	TW	TEPID WATER
SS	SANITARY SEWER	BV	BALL VALVE
CO	CLEAN-OUT	CBV	CALIBRATED BALANCING VALVE
FCO	FLOOR CLEAN-OUT	GV	GATE VALVE
FGCO	FINISH GRADE CLEAN-OUT	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
WCO	WALL CLEAN-OUT	WHA	WATER HAMMER ARRESTOR
SV	SANITARY VENT	TP	TRAP PRIMER
VTR	VENT THROUGH ROOF	ORD	OVERFLOW ROOF DRAIN
RWL	RAINWATER LEADER	140 HW	140°F HOT WATER
GW	GREASE WASTE	140 HWR	140°F HOT WATER RETURN
AW	ACID WASTE	AV	ACID VENT
TMV	THERMOSTATIC MIXING VALVE	AVTR	ACID VENT THRU ROOF
SPD	SUMP PUMP DISCHARGE	(E)	EXISTING



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SHEET TITLE:  
LEGENDS - PLUMBING

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

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SHEET TITLE:  
 DEMOLITION SITE PLAN - BUILDING 1471 - PLUMBING

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471  
 PN: 20250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

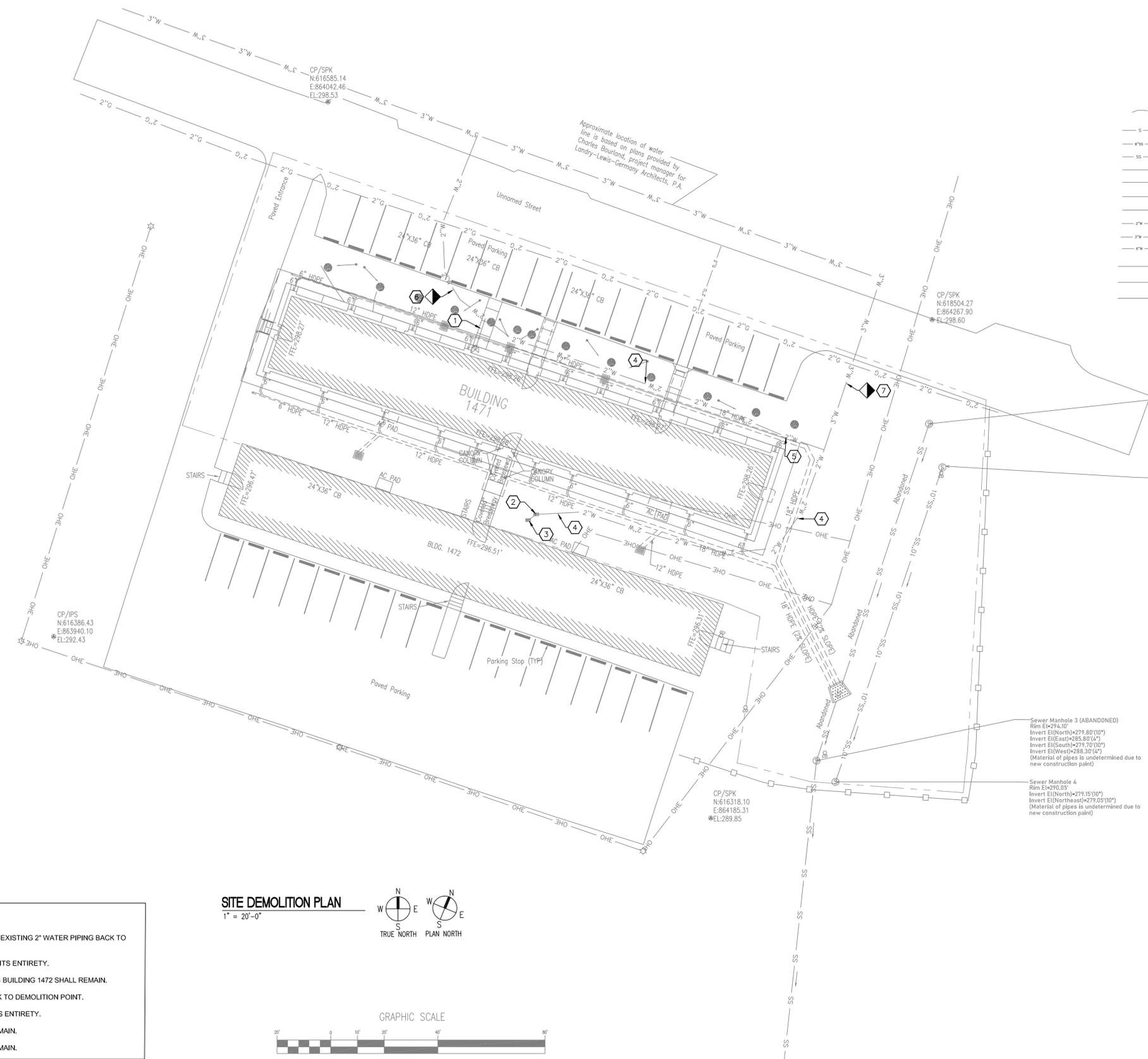
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**LEGEND**

- CONTROL POINT
- "PK" NAIL
- CONTROL POINT
- REINFORCED CONCRETE PIPE
- CORRUGATED PLASTIC PIPE
- CAMP SIGN
- BENCHMARK
- UTILITY POLE
- FIBER OPTIC BOX
- COMMUNICATION MANHOLE
- TELEPHONE PEDESTAL
- WATER METER
- FIRE HYDRANT
- WATER VALVE
- SEWER CLEAN-OUT
- SEWER MANHOLE
- EXISTING GROUND CONTOUR
- ABANDONED SEWER LINE LOCATED IN FIELD
- 
- SANITARY SEWER LINE LOCATED IN FIELD
- GAS LINE LOCATED IN FIELD
- FIBER OPTIC LINE LOCATED IN FIELD
- OVERHEAD POWER LINE
- FIBER OPTIC LINE AS PER PLANS
- 
- 
- 
- DEMOLITION ITEMS
- CONSTRUCTION LIMITS
- SILT FENCE



Sewer Manhole 1 (ABANDONED)  
 Rim El=298.79'  
 Invert El(North)=283.58'(10")  
 Invert El(Northwest)=288.48'(4")  
 Invert El(West)=276.63'(4")  
 Invert El(Southwest)=291.78'(4")  
 Invert El(South)=283.48'(10")  
 (Material of pipes is undetermined due to new construction paint)

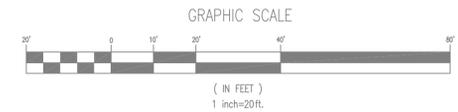
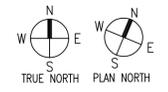
Sewer Manhole 2  
 Rim El=297.19'  
 Invert El(North)=283.19'(10")  
 Invert El(South)=282.99'(10")  
 (Material of pipes is undetermined due to new construction paint)

Sewer Manhole 3 (ABANDONED)  
 Rim El=294.10'  
 Invert El(North)=279.80'(10")  
 Invert El(East)=285.80'(4")  
 Invert El(South)=279.70'(10")  
 Invert El(West)=288.30'(4")  
 (Material of pipes is undetermined due to new construction paint)

Sewer Manhole 4  
 Rim El=290.05'  
 Invert El(North)=279.15'(10")  
 Invert El(Northeast)=279.05'(10")  
 (Material of pipes is undetermined due to new construction paint)

- KEYED NOTES:**
1. DEMO EXISTING WATER METER AND EXISTING 2" WATER PIPING BACK TO DEMOLITION POINT.
  2. DEMO EXISTING SHUT-OFF VALVE IN ITS ENTIRETY.
  3. EXISTING SHUT-OFF VALVE SERVING BUILDING 1472 SHALL REMAIN.
  4. DEMO EXISTING 2" WATER LINE BACK TO DEMOLITION POINT.
  5. DEMO EXISTING WATER METER IN ITS ENTIRETY.
  6. CAP AND ABANDON EXISTING 2" CW MAIN.
  7. CAP AND ABANDON EXISTING 3" CW MAIN.

**SITE DEMOLITION PLAN**  
 1" = 20'-0"





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SHEET TITLE:  
 SITE PLAN - BUILDING 1471 - PLUMBING

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471

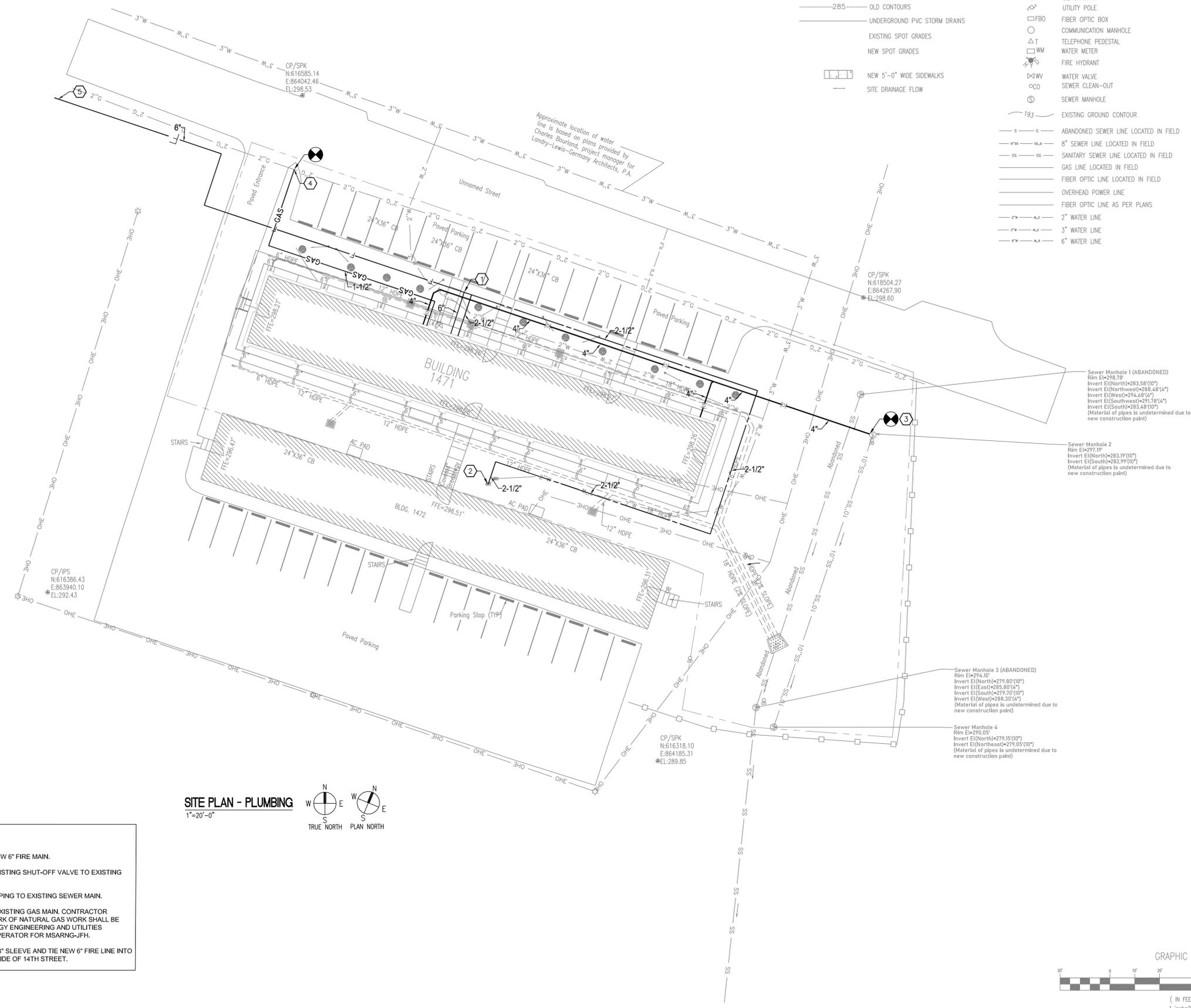
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 CAMP SHELBY, MISSISSIPPI

CN# 25-4137  
 SHEET NUMBER

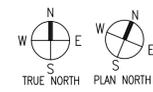
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**LEGEND**

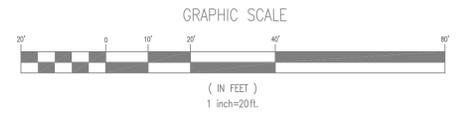
- |  |                              |  |                                       |
|--|------------------------------|--|---------------------------------------|
|  | DEMOLITION ITEMS             |  | CONTROL POINT                         |
|  | CONSTRUCTION LIMITS          |  | "PK" NAIL                             |
|  | SILT FENCE                   |  | CONTROL POINT                         |
|  | NEW CONTOURS                 |  | REINFORCED CONCRETE PIPE              |
|  | EXISTING CONTOURS TO REMAIN  |  | CORRUGATED PLASTIC PIPE               |
|  | OLD CONTOURS                 |  | CAMP SIGN                             |
|  | UNDERGROUND PVC STORM DRAINS |  | BENCHMARK                             |
|  | EXISTING SPOT GRADES         |  | UTILITY POLE                          |
|  | NEW SPOT GRADES              |  | FIBER OPTIC BOX                       |
|  | NEW 5'-0" WIDE SIDEWALKS     |  | COMMUNICATION MANHOLE                 |
|  | SITE DRAINAGE FLOW           |  | TELEPHONE PEDESTAL                    |
|  |                              |  | WATER METER                           |
|  |                              |  | FIRE HYDRANT                          |
|  |                              |  | WATER VALVE                           |
|  |                              |  | SEWER CLEAN-OUT                       |
|  |                              |  | SEWER MANHOLE                         |
|  |                              |  | EXISTING GROUND CONTOUR               |
|  |                              |  | ABANDONED SEWER LINE LOCATED IN FIELD |
|  |                              |  | 8" SEWER LINE LOCATED IN FIELD        |
|  |                              |  | SANITARY SEWER LINE LOCATED IN FIELD  |
|  |                              |  | GAS LINE LOCATED IN FIELD             |
|  |                              |  | FIBER OPTIC LINE LOCATED IN FIELD     |
|  |                              |  | OVERHEAD POWER LINE                   |
|  |                              |  | FIBER OPTIC LINE AS PER PLANS         |
|  |                              |  | 2" WATER LINE                         |
|  |                              |  | 3" WATER LINE                         |
|  |                              |  | 6" WATER LINE                         |



**SITE PLAN - PLUMBING**  
 1"=20'-0"



- KEYED NOTES:**
- CONNECT NEW 2-1/2" CW PIPING TO NEW 6" FIRE MAIN.
  - CONNECT NEW 2-1/2" CW PIPING TO EXISTING SHUT-OFF VALVE TO EXISTING BUILDING 1472.
  - CONNECT NEW 4" SANITARY WASTE PIPING TO EXISTING SEWER MAIN.
  - CONNECT NEW 1-1/2" GAS PIPING TO EXISTING GAS MAIN. CONTRACTOR RESPONSIBLE FOR ALL COST AND WORK OF NATURAL GAS WORK SHALL BE COORDINATED WITH THE STATE ENERGY ENGINEERING AND UTILITIES MANAGER AND THE MASTER METER OPERATOR FOR MSARNG-JFH.
  - BORE UNDER 14TH STREET. PROVIDE 8" SLEEVE AND TIE NEW 6" FIRE LINE INTO EXISTING 8" FIRE MAIN ON THE WEST SIDE OF 14TH STREET.



CN# 25-4137  
 SHEET NUMBER

**P0.3**



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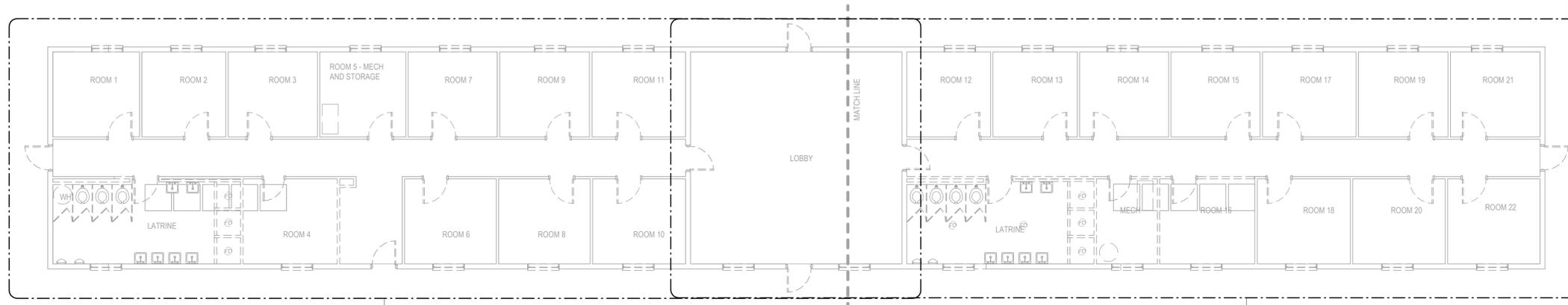


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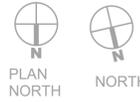


BID SET



1  
PD1.1

OVERALL FLOOR DEMO PLAN - PLUMBING - 1  
1/8" = 1'-0"



1  
PD1.2

SHEET TITLE:  
OVERALL DEMOLITION FLOOR PLAN - PLUMBING

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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BID SET

SHEET TITLE:  
ENLARGED DEMOLITION FLOOR PLAN - EAST - PLUMBING

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
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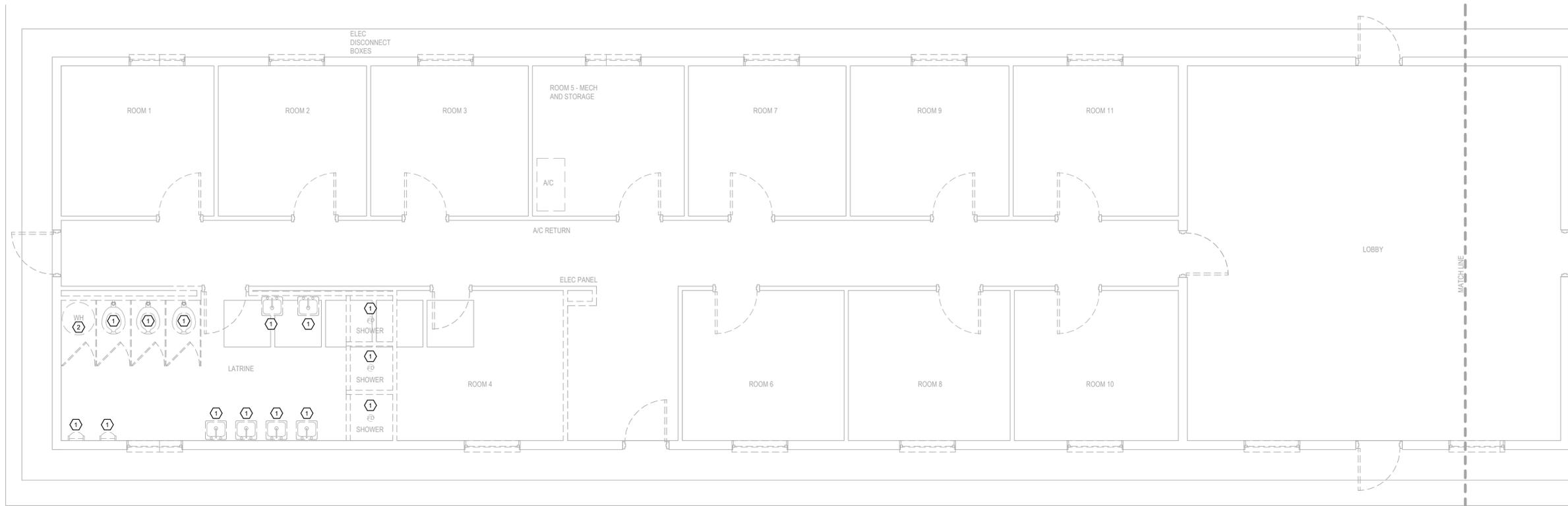
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PD1.1



**ENLARGED DEMOLITION FLOOR PLAN - EAST - PLUMBING - 1**  
1/4" = 1'-0"



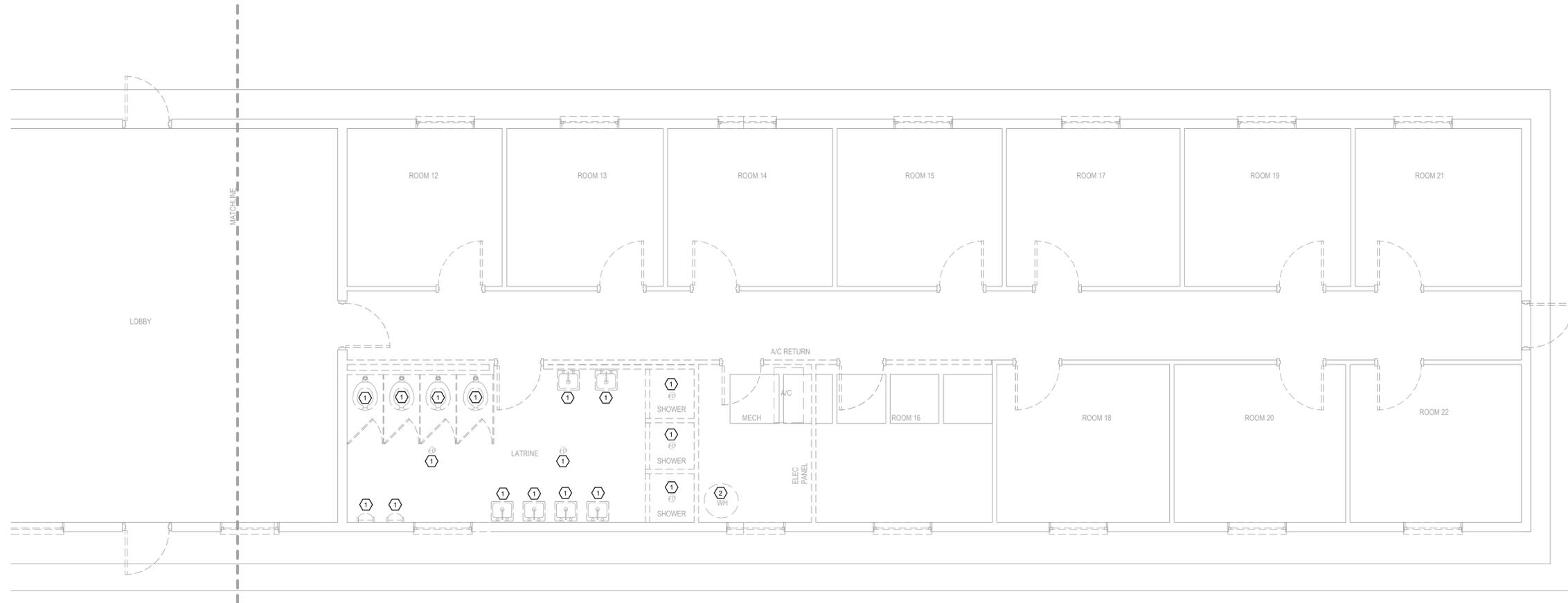
- DEMO KEYED NOTES:
1. DEMO EXISTING PLUMBING FIXTURE IN ITS ENTIRETY; DEMO EXISTING SANITARY, WATER, AND VENT PIPING IN ITS ENTIRETY. REPAIR AND PATCH DISTURBED FLOORS TO MATCH EXISTING SURFACE FINISH.
  2. DEMO EXISTING WATER HEATER IN ITS ENTIRETY.



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



- DEMO KEYED NOTES:** ○
- DEMO EXISTING PLUMBING FIXTURE IN ITS ENTIRETY; DEMO EXISTING SANITARY, WATER, AND VENT PIPING IN ITS ENTIRETY. REPAIR AND PATCH DISTURBED FLOORS TO MATCH EXISTING SURFACE FINISH.
  - DEMO EXISTING WATER HEATER IN ITS ENTIRETY.

SEAL



BID SET

SHEET TITLE:  
 ENLARGED DEMOLITION FLOOR PLAN - WEST - PLUMBING

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471

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**PD1.2**



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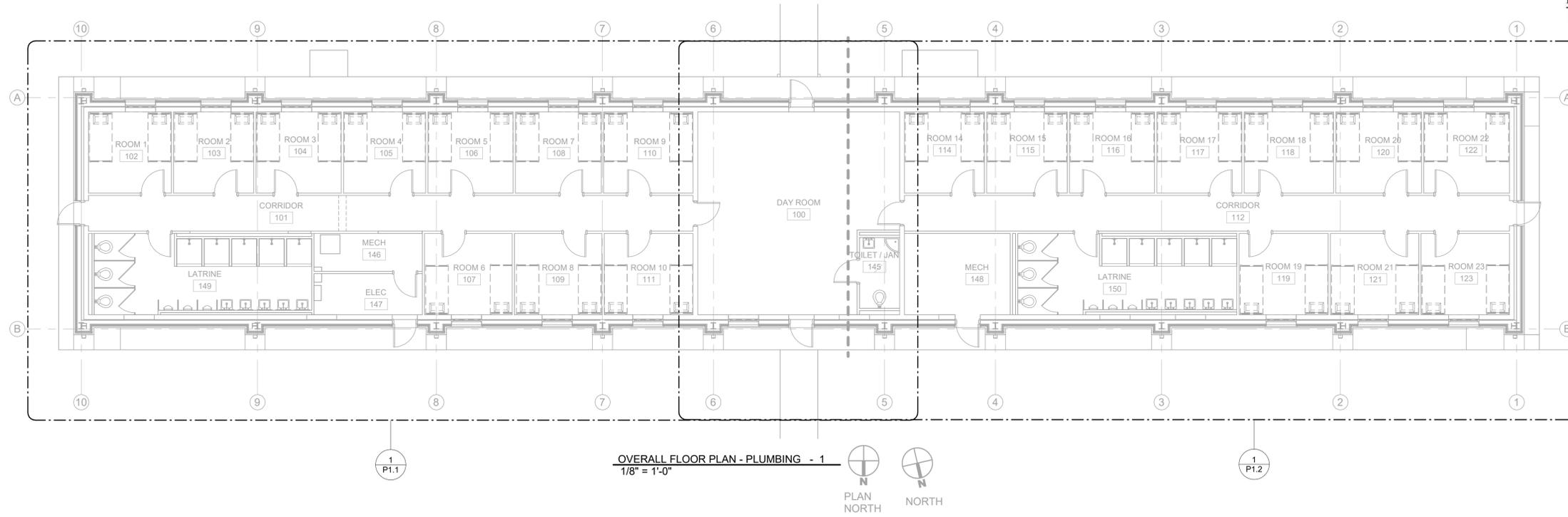


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SHEET TITLE:  
OVERALL FLOOR PLAN - PLUMBING

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

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SHEET TITLE:  
ENLARGED FLOOR PLAN - EAST - PLUMBING

PROJECT:  
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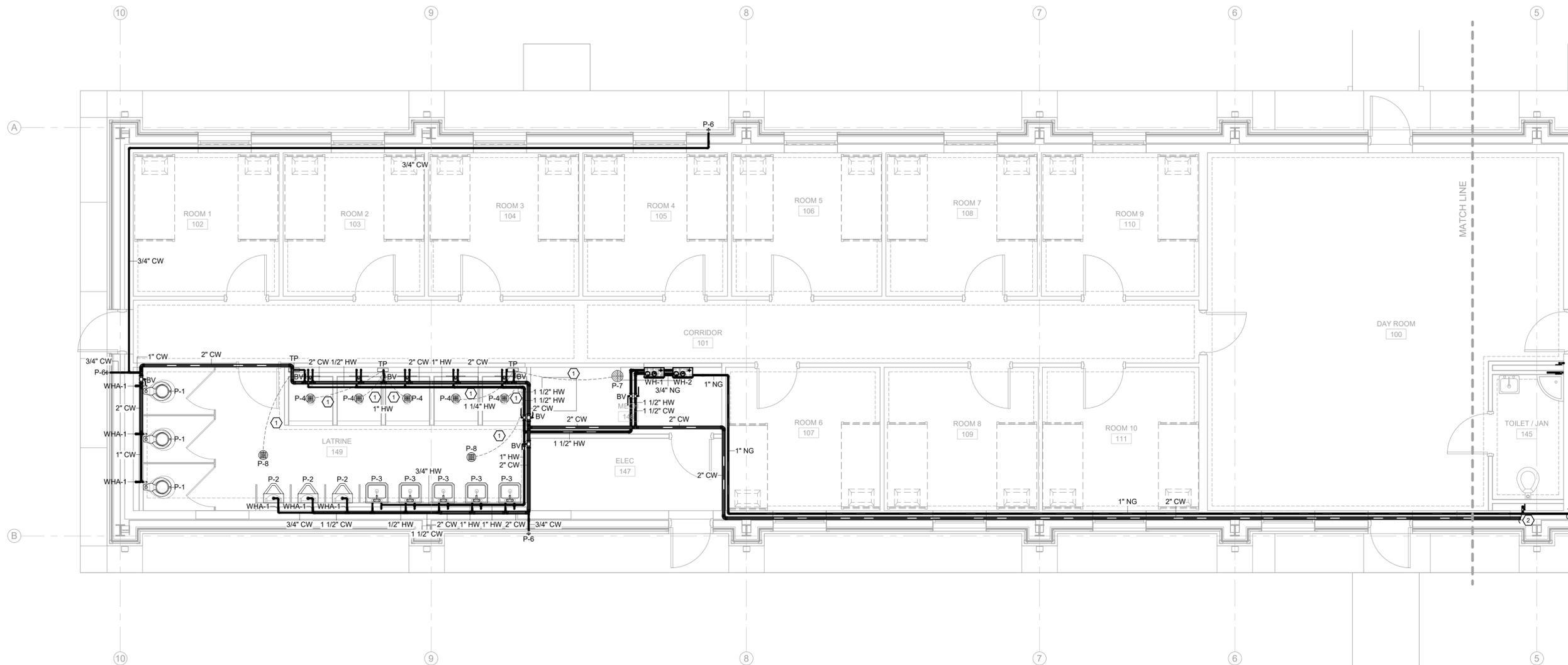
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SHEET NUMBER

P1.1



ENLARGED FLOOR PLAN - EAST - PLUMBING - 1  
1/4" = 1'-0"



KEYED NOTES:

1. PROVIDE TRAP PRIMER VALVE FOR FLOOR DRAIN. ROUTE 1/2" CW LINE BELOW SLAB TO TRAP.
2. SEE SHEET P1.2 FOR CONTINUATION.

GENERAL NOTES:

- A. CONTRACTOR RESPONSIBLE FOR ALL COST AND WORK OF NATURAL GAS PIPING. ALL NATURAL GAS WORK SHALL BE COORDINATED WITH THE STATE ENERGY ENGINEERING AND UTILITIES MANAGER AND THE MASTER METER OPERATOR FOR MSARNG-JFH.
- B. ALL WATER LINES TO BE HIDDEN IN GYP BOARD FURR DOWNS.





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BID SET

SHEET TITLE:  
 ENLARGED UNDERGROUND PLAN - EAST - SANITARY

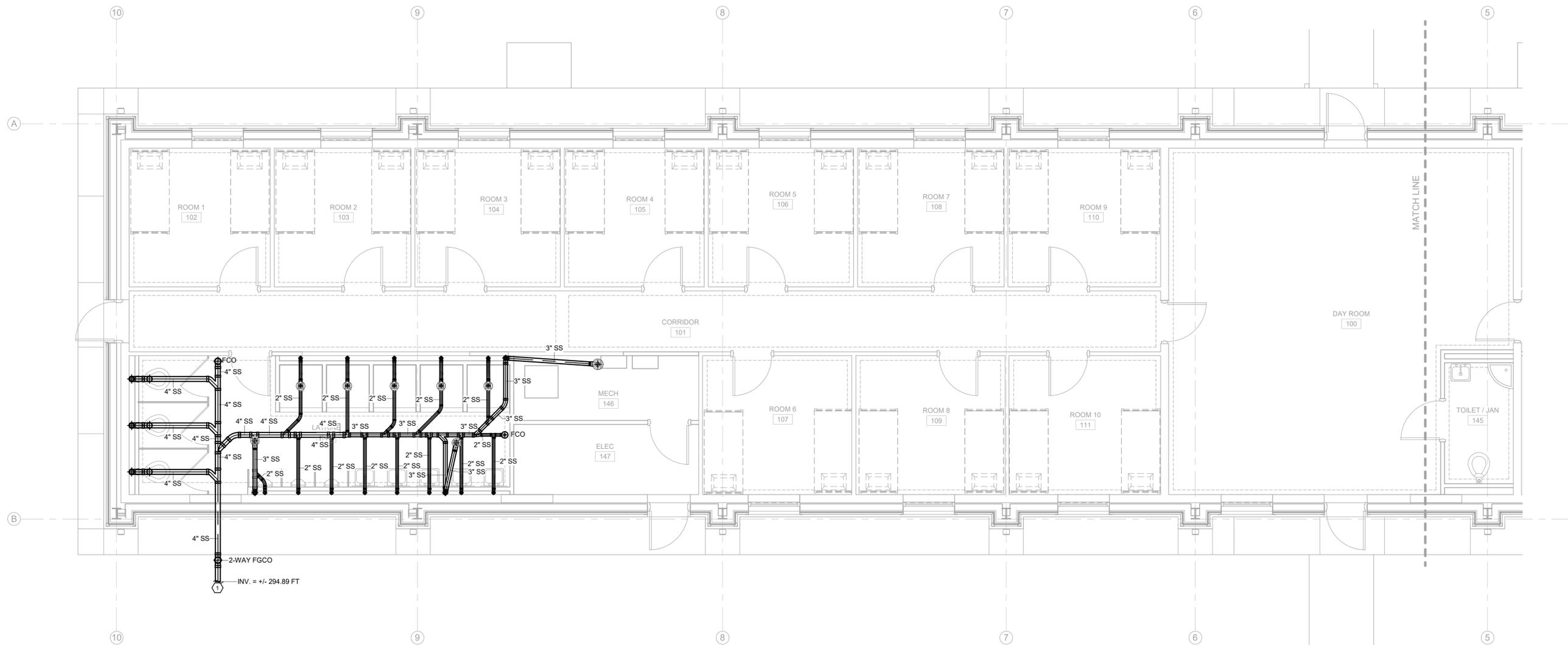
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SHEET NUMBER

**P2.1**



**ENLARGED UNDERGROUND PLAN - EAST - SANITARY - 1**  
 1/4" = 1'-0"



**KEYED NOTES:** 1. SEE PLUMBING SITE PLAN SHEET P0.3 FOR CONTINUATION.



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ENLARGED UNDERGROUND PLAN - WEST - SANITARY

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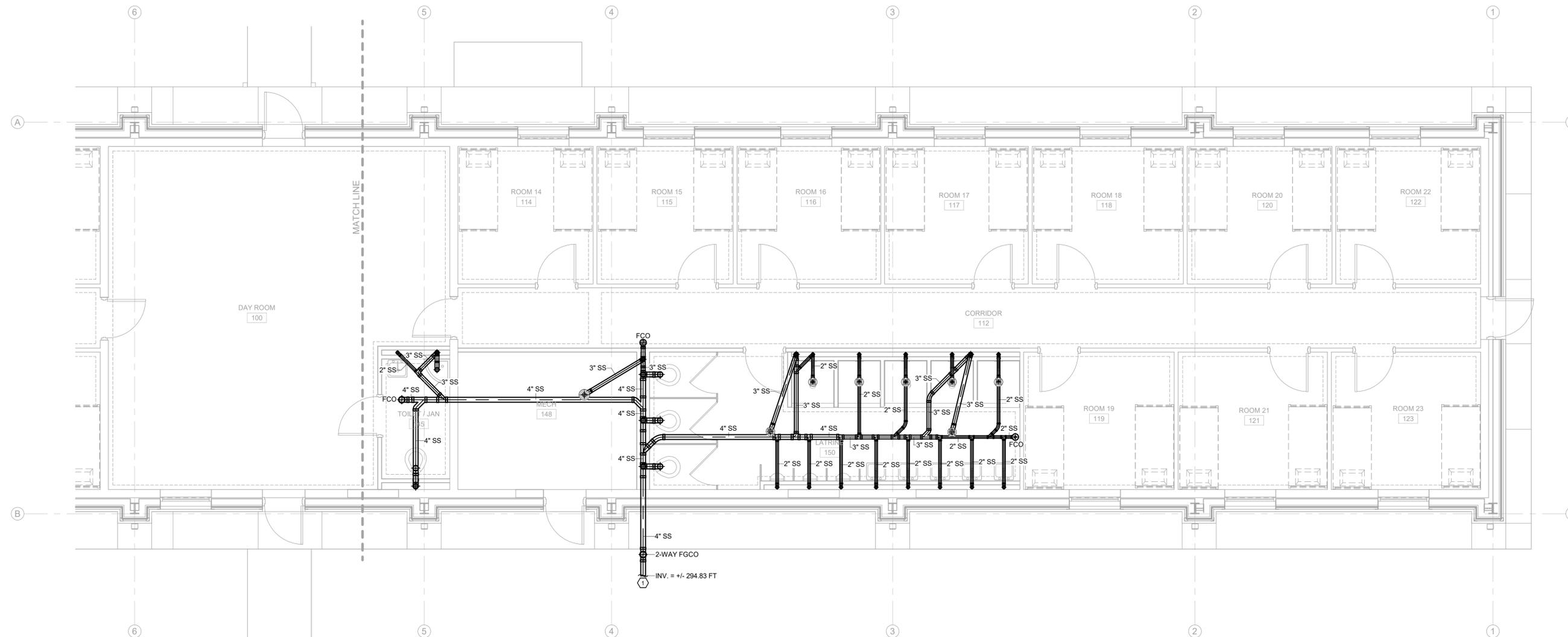
FINAL DATE  
FEB. 18, 2026

REVISION SCHEDULE  
REV # REV DATE

CN# 25-4137

SHEET NUMBER

P2.2



ENLARGED UNDERGROUND PLAN - WEST - SANITARY - 1  
1/4" = 1'-0"



KEYED NOTES:  
1. SEE PLUMBING SITE PLAN SHEET P0.3 FOR CONTINUATION.



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SEAL



BID SET

SHEET TITLE:  
ENLARGED FLOOR PLAN - EAST - SANITARY

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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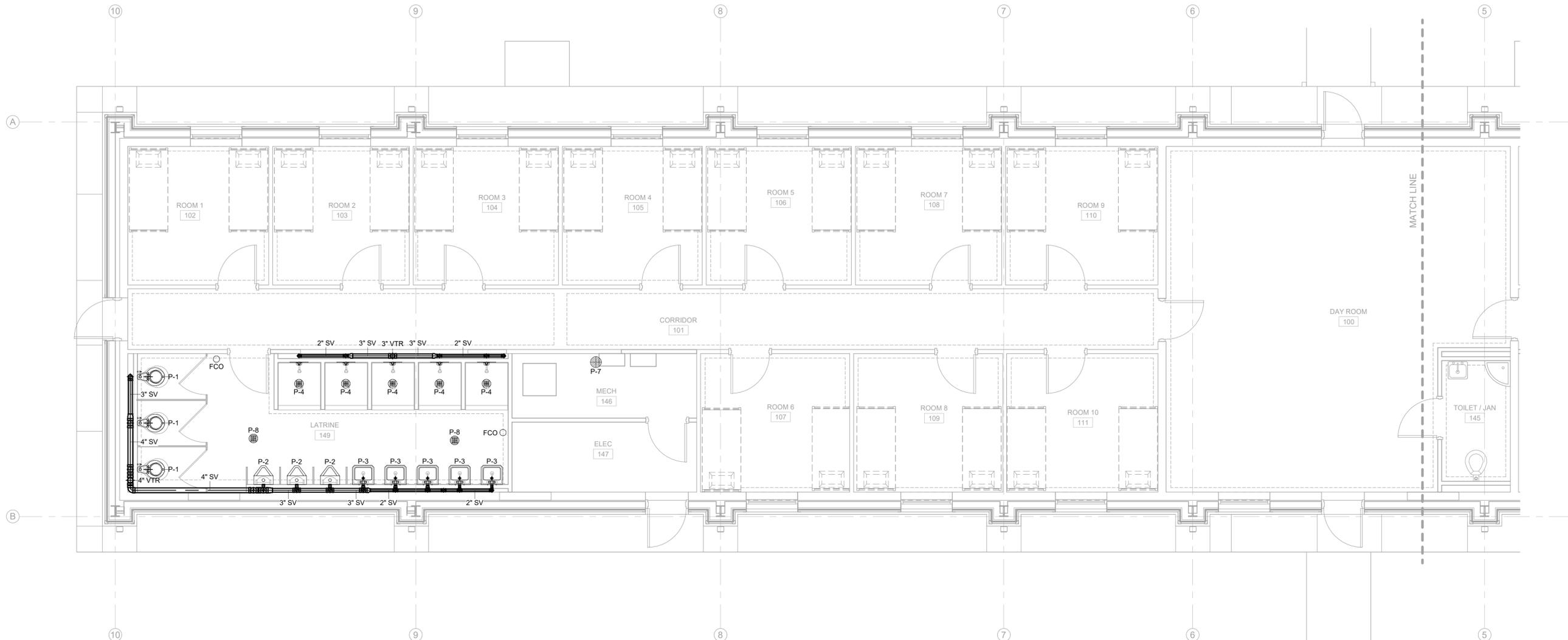
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P2.3



ENLARGED FLOOR PLAN - EAST - SANITARY - 1  
1/4" = 1'-0"





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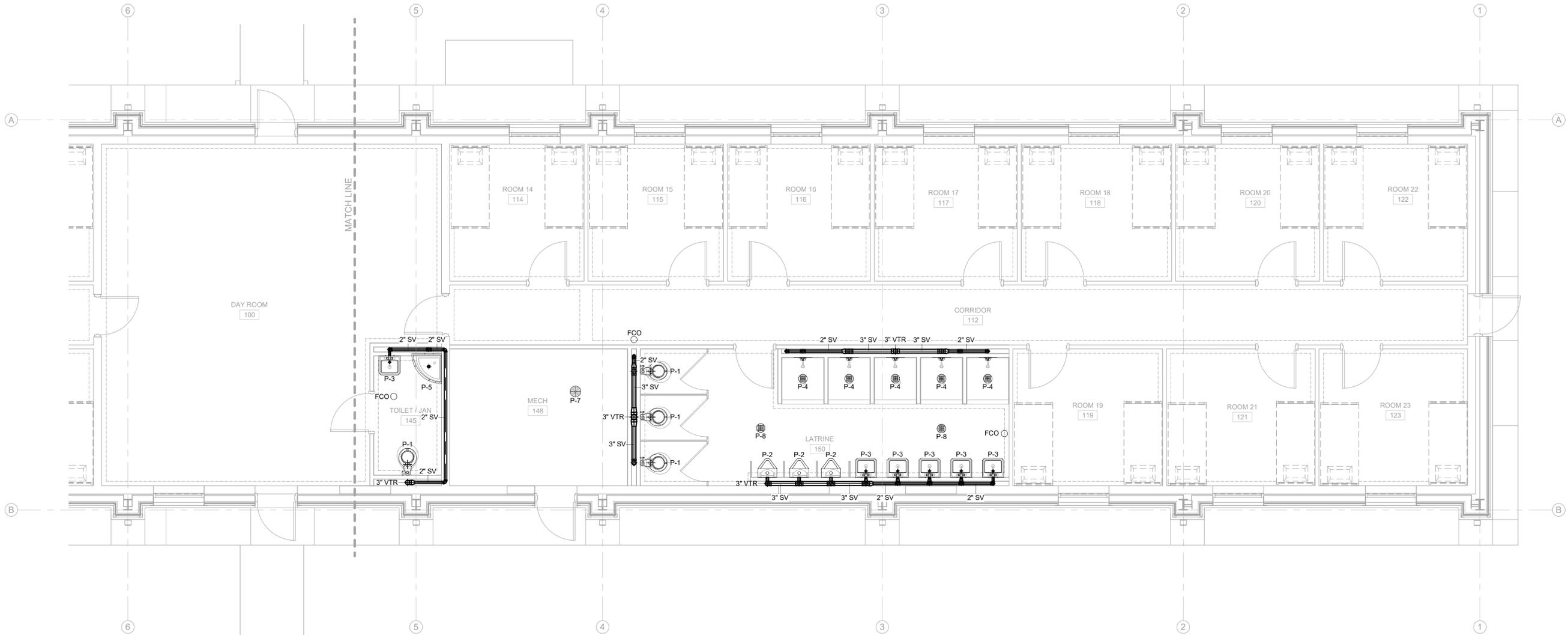
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**P2.4**



**ENLARGED FLOOR PLAN - WEST - SANITARY - 1**  
 1/4" = 1'-0"





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BID SET

SHEET TITLE:  
RISERS - PLUMBING

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

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CAMP SHELBY, MISSISSIPPI

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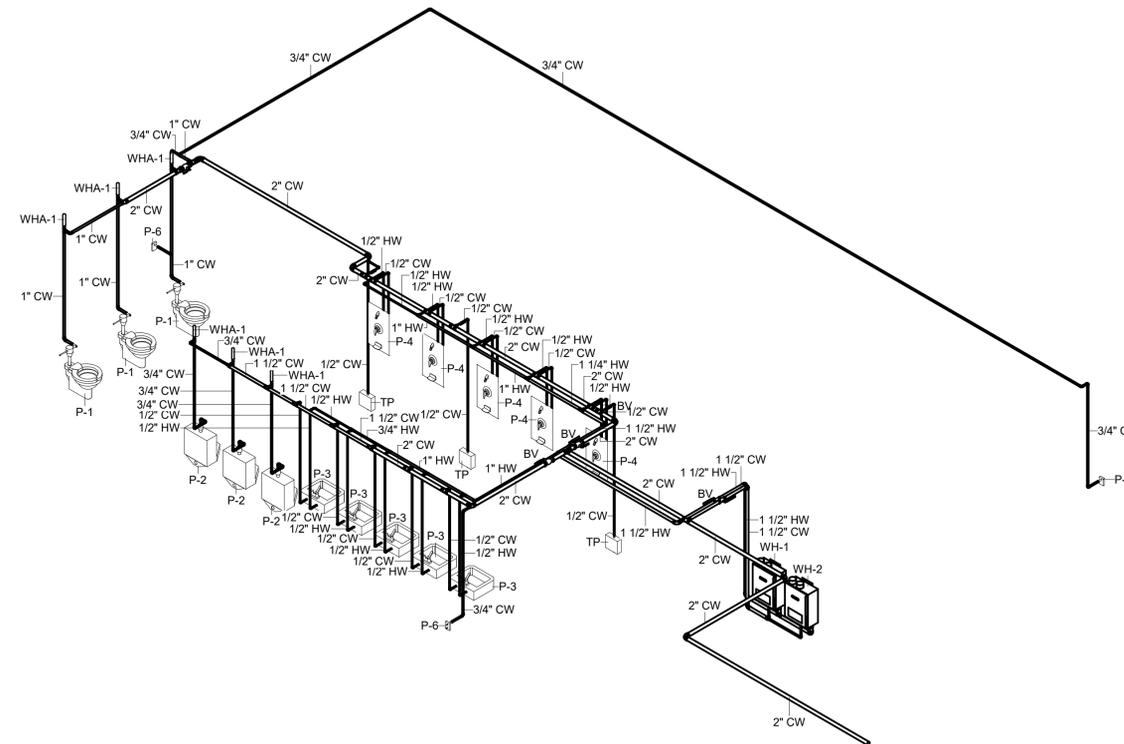
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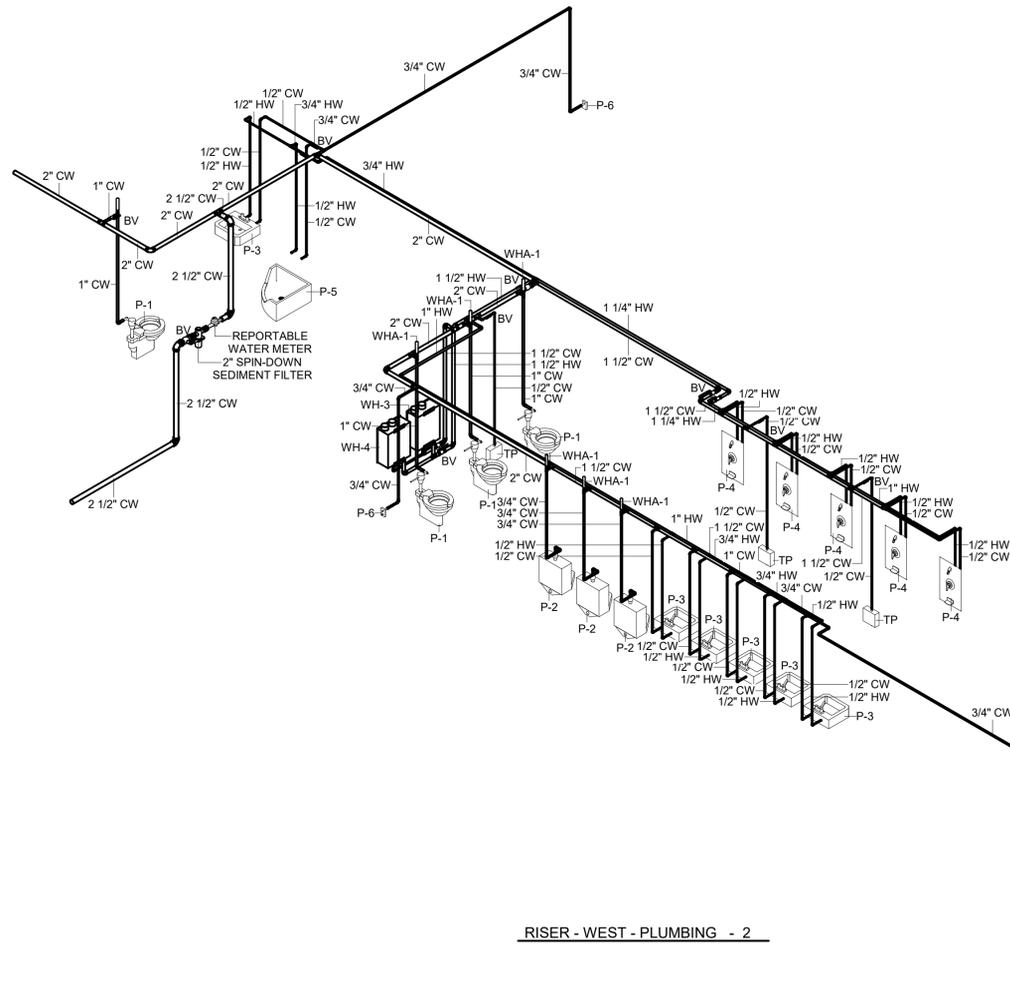
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P3.1



RISER - EAST - PLUMBING - 1



RISER - WEST - PLUMBING - 2



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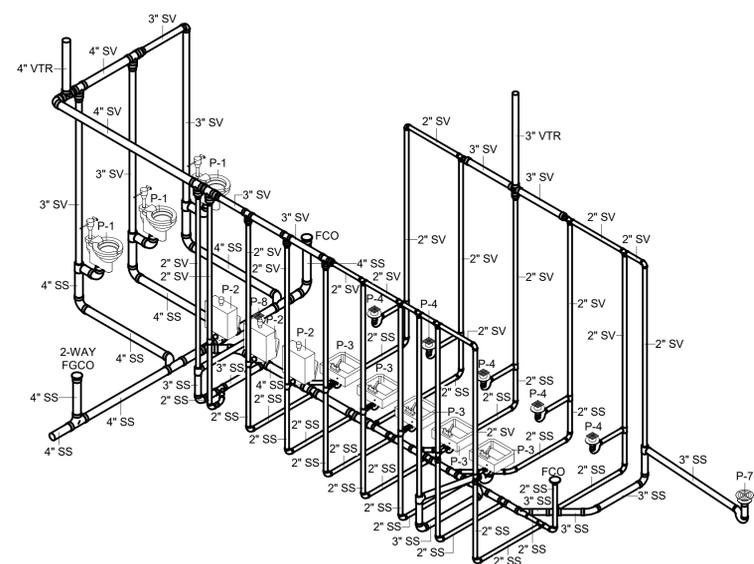
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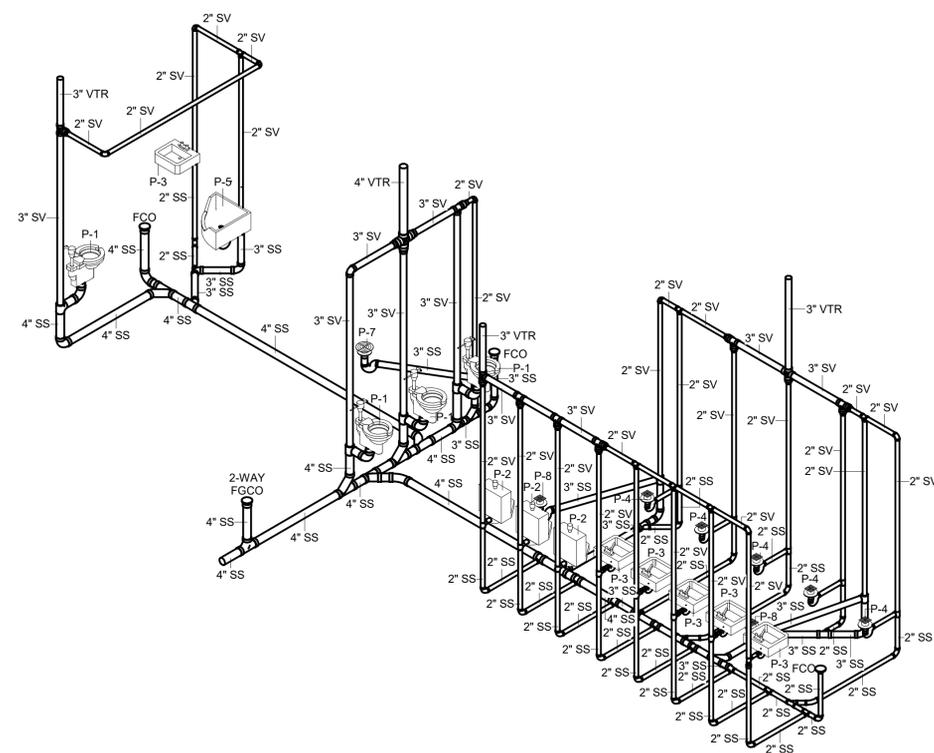
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P3.2



RISER - EAST - SANITARY - 1



RISER - WEST - SANITARY - 2



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BID SET

SHEET TITLE:  
RISERS - GAS

PROJECT:  
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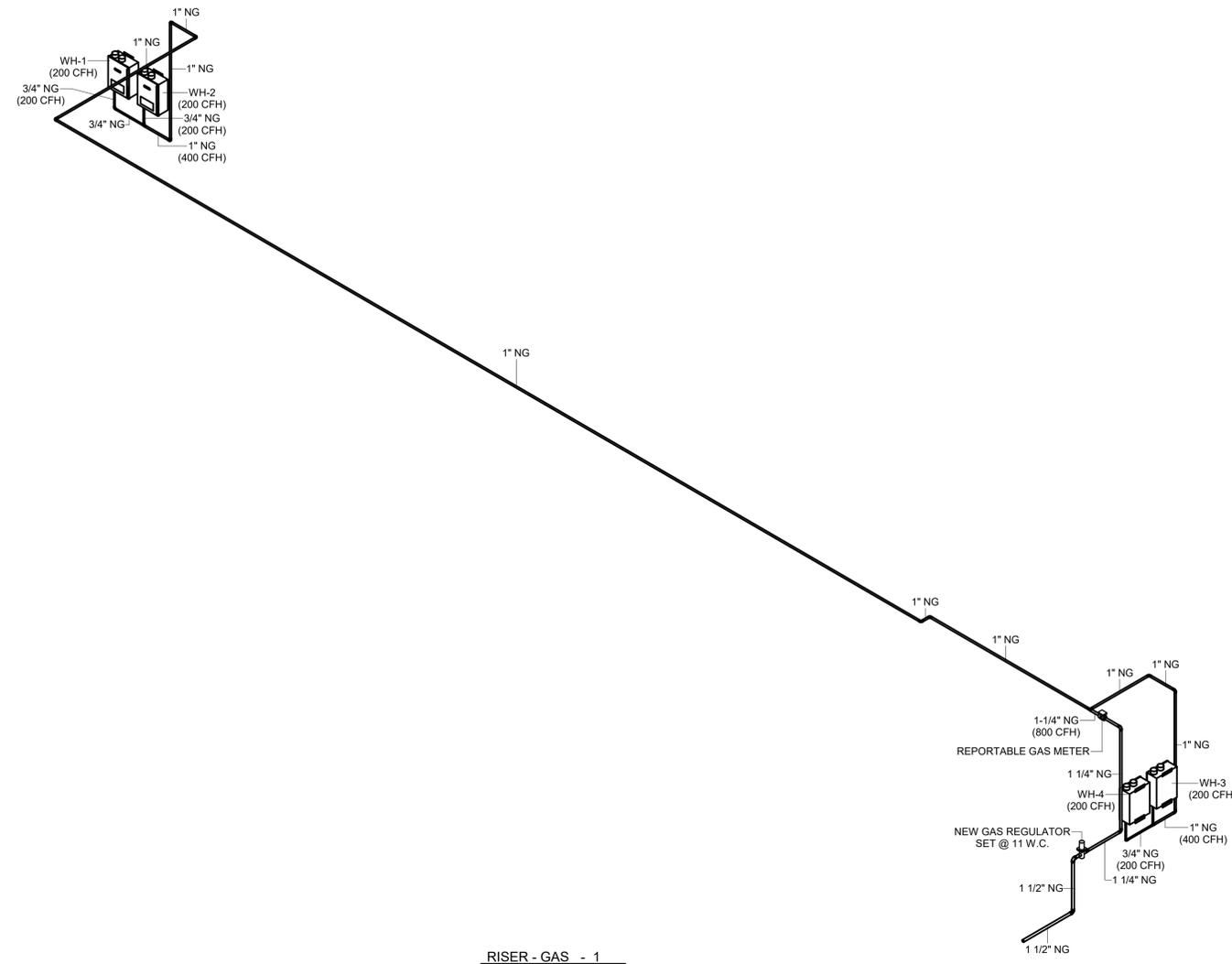
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P3.3



RISER - GAS - 1



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DETAILS - PLUMBING

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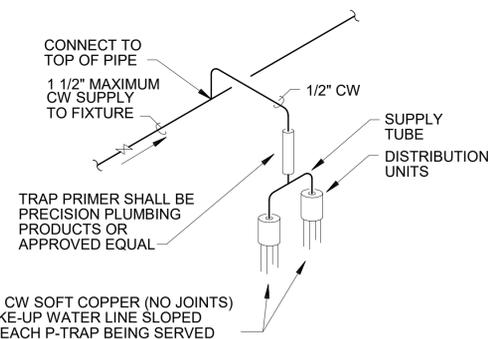
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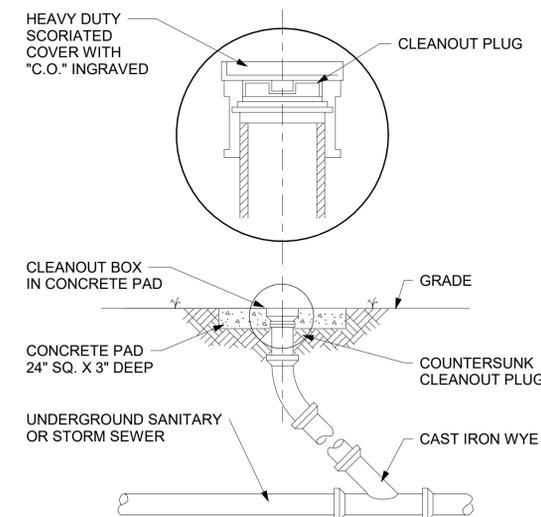
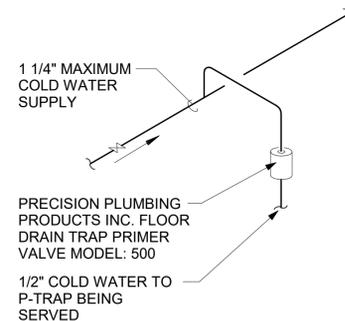
SHEET NUMBER

P4.1

PRIMER MODEL	NO. OF DRAINS	SUPPLY TUBE	DISTRIBUTION UNIT
P2-500	1	N/A	N/A
P2-500	2	N/A	DU-2
P1-500	3	N/A	DU-3
P1-500	4	N/A	DU-4
P1-500	5	YS-8	DU-2 & DU-3
P1-500	6	YS-8	DU-3 & DU-3
P1-500	7	YS-8	DU-3 & DU-4
P1-500	8	YS-8	DU-4 & DU-4



NOTE:  
THE PRIMER ASSEMBLY SHALL BE INSTALLED LEVEL AND IN AN ACCESSIBLE LOCATION  
THE PRIMER ASSEMBLY SHALL BE INSTALLED A MINIMUM OF ONE FOOT ABOVE FINISHED FLOOR FOR EVERY 20 FEET OF FLOOR DRAIN TRAP MAKE-UP WATER LINE.



**TRAP PRIMER DETAIL**

No Scale

1

**SINGLE TRAP PRIMER DETAIL**

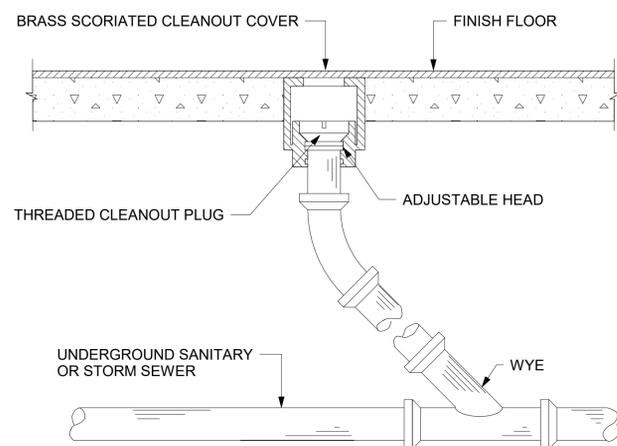
No Scale

2

**EXTERIOR CLEANOUT DETAIL**

No Scale

3



**FINISHED FLOOR CLEANOUT DETAIL**

No Scale

4

**WALL CLEANOUT DETAIL**

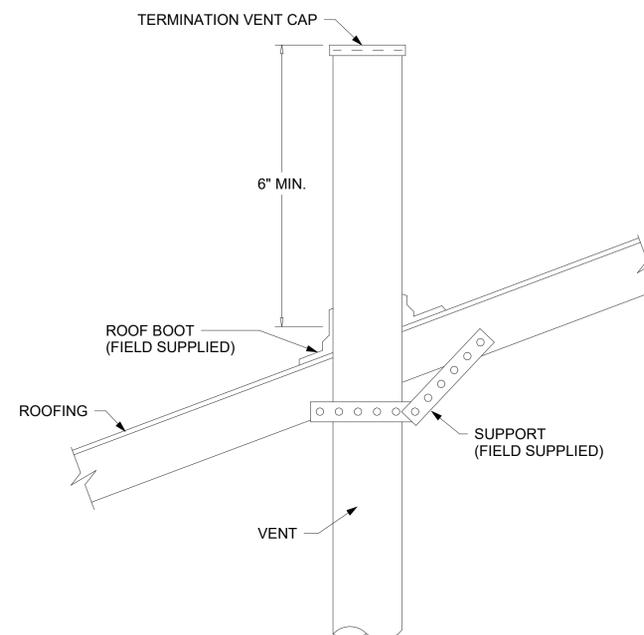
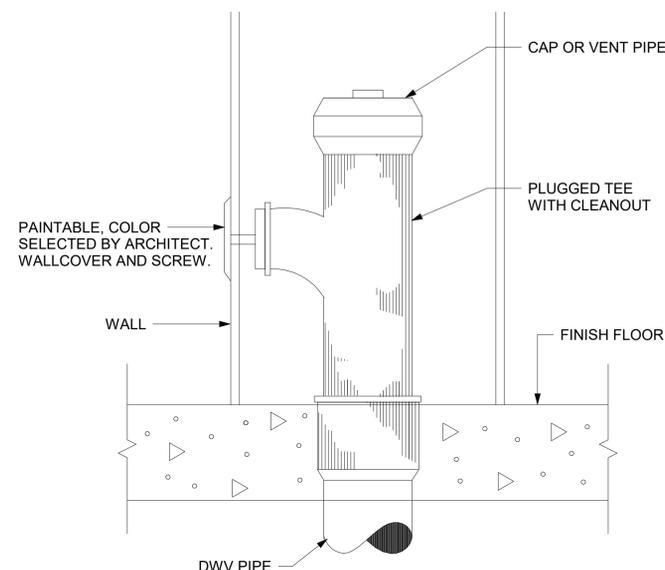
No Scale

5

**VENT THRU ROOF DETAIL**

No Scale

6





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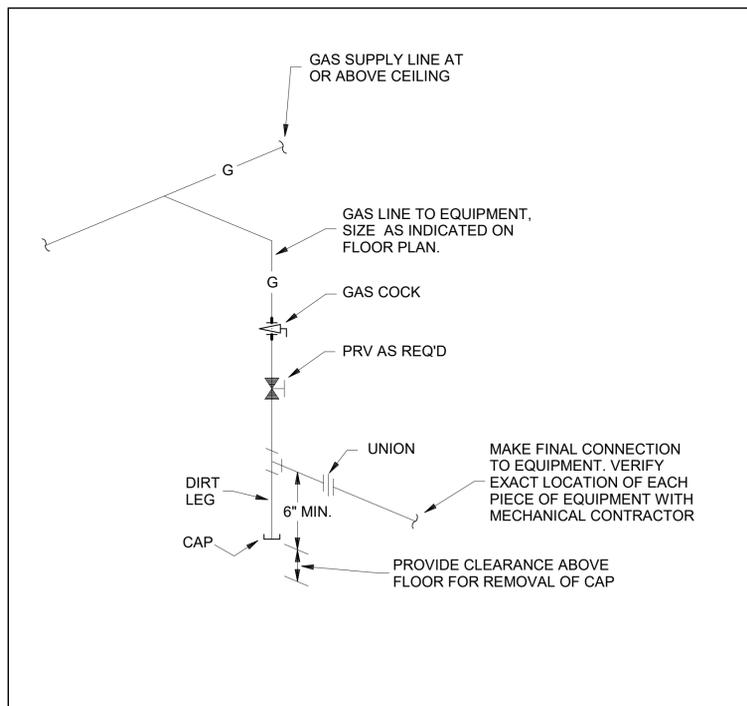
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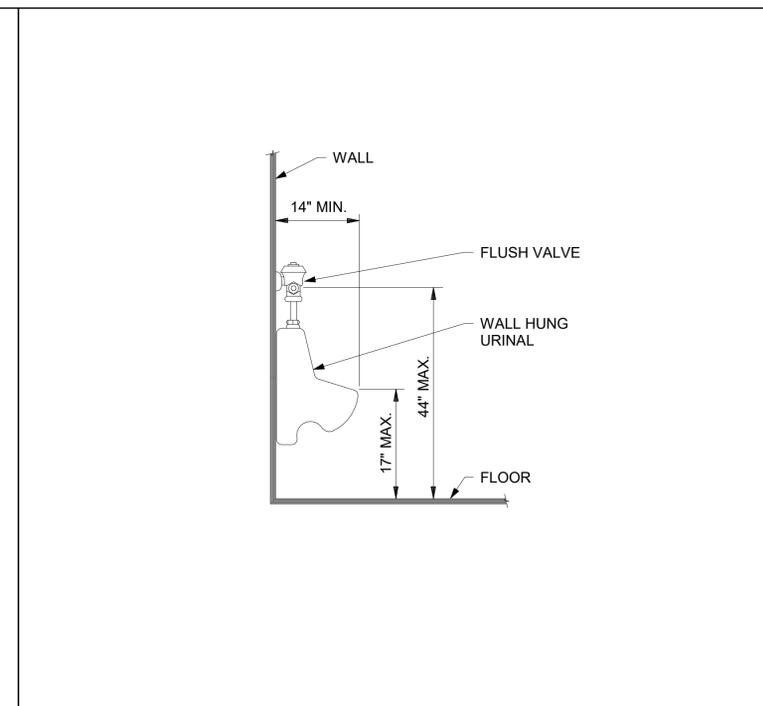
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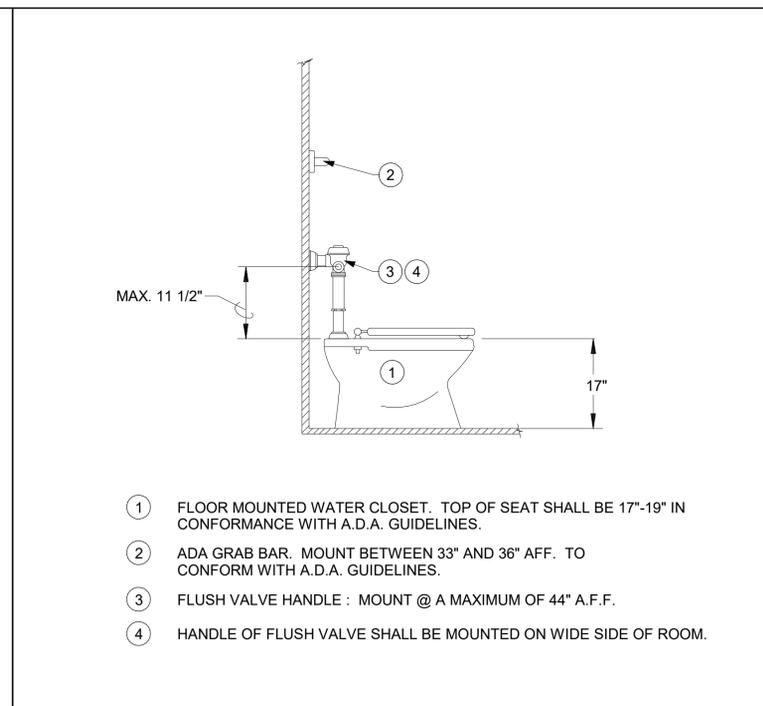
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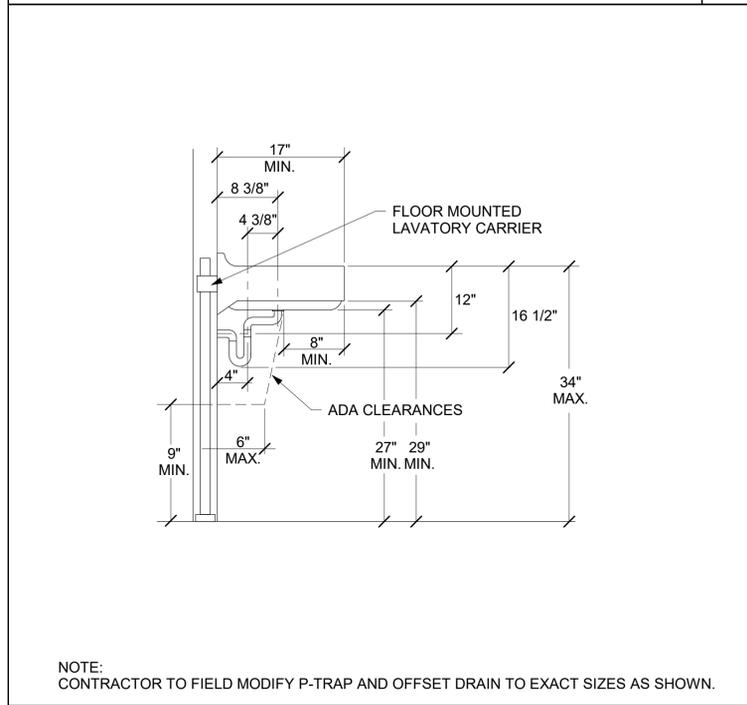
**TYPICAL GAS CONNECTION DETAIL**  
No Scale



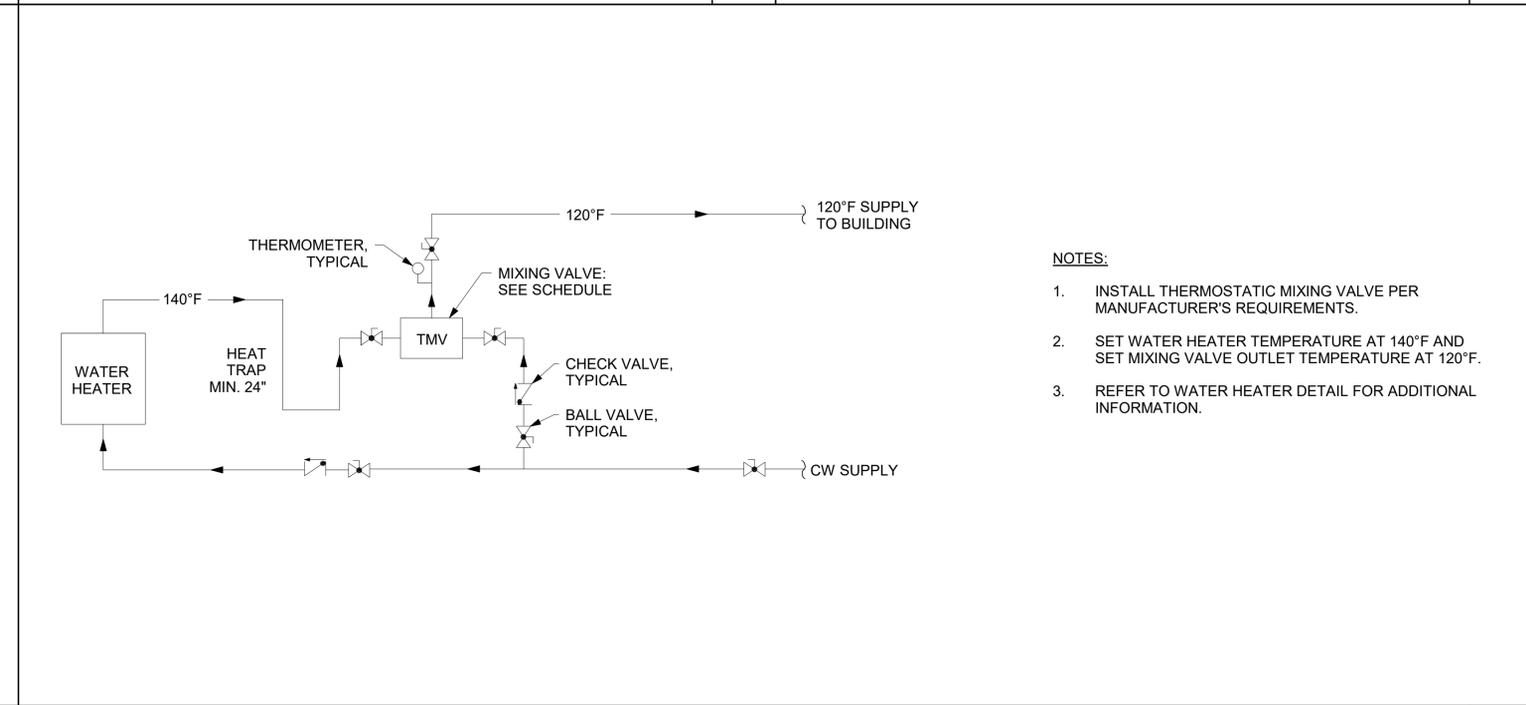
**ACCESSIBLE URINAL DETAIL**  
No Scale



**FLOOR MOUNTED ACCESSIBLE, WATER CLOSET DETAIL**  
No Scale



**ACCESSIBLE LAVATORY INSTALLATION DETAIL W/ CARRIER**  
No Scale



**PIPING SCHEMATIC AT BUILDING MIXING VALVE - SINGLE TEMPERATURE**  
No Scale

**ACCESSIBLE LAVATORY INSTALLATION DETAIL W/ CARRIER**  
No Scale

**PIPING SCHEMATIC AT BUILDING MIXING VALVE - SINGLE TEMPERATURE**  
No Scale



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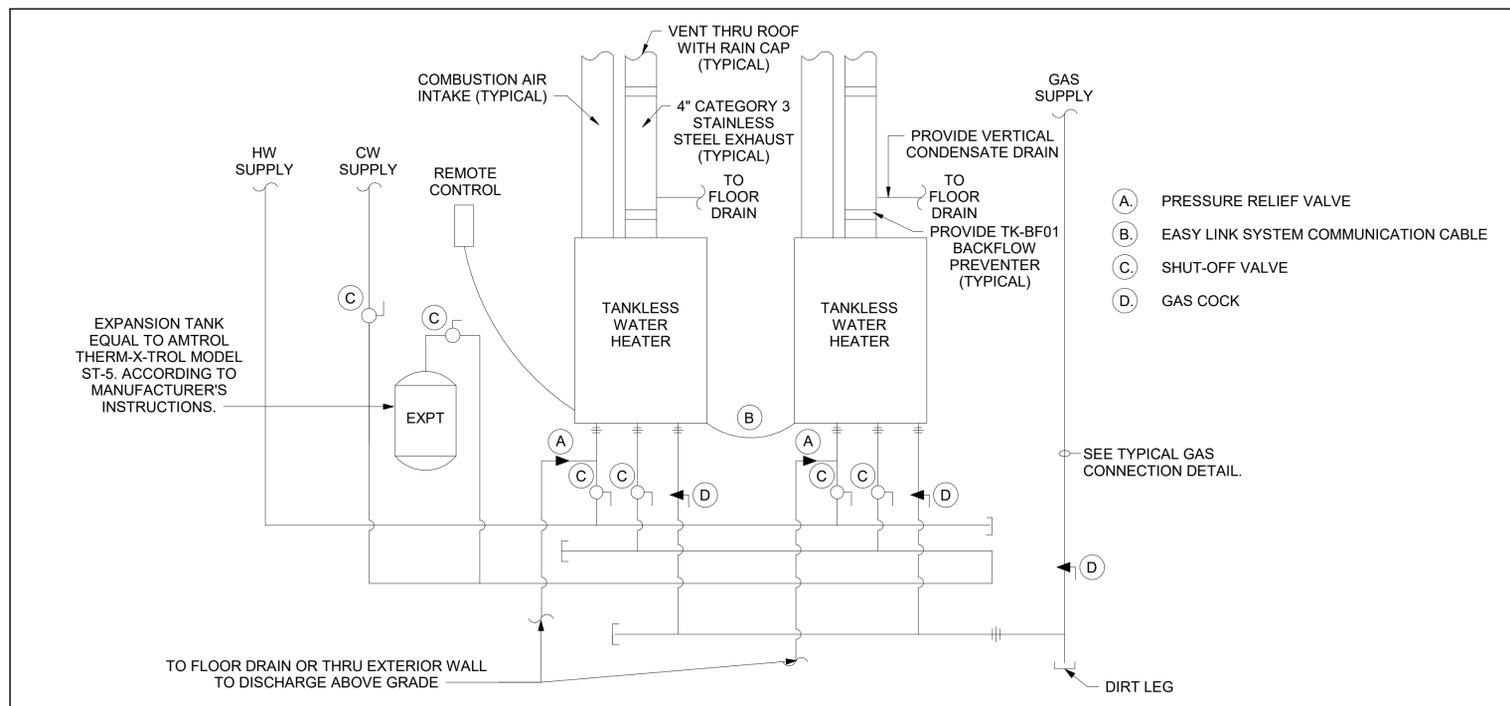
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P4.3

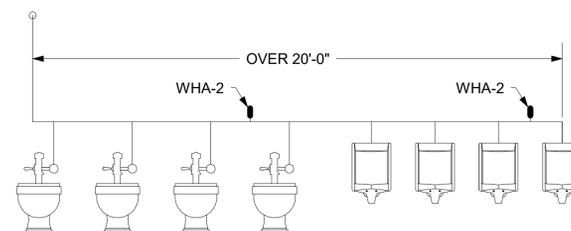
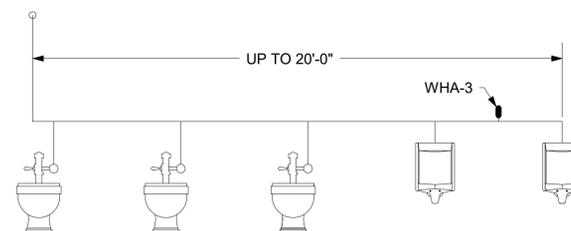


### INSTANTANEOUS GAS WATER HEATER WITH RECIRCULATION PUMP

No Scale

1

MARK	SHOKTROL SIZE	FIXTURE UNIT CAPACITY	INLET SIZE
WHA-1	#100	1-11	3/4"
WHA-2	#200	12-32	3/4"
WHA-3	#300	33-60	1"
WHA-4	#400	61-113	1"
WHA-5	#500	114-154	1"
WHA-6	#600	155-330	1"



#### NOTES:

1. WATER HAMMER ARRESTORS SHALL BE ZURN SERIES 1700 SHOKTROL OR EQUAL. REFER TO RISER DIAGRAMS AND FLOOR PLANS FOR LOCATIONS. PROVIDE ACCESS TO ALL WATER HAMMER ARRESTORS THRU ACCESS PANELS, LAY-IN CEILINGS, OR WALL IN CHASE.
2. FOR SINGLE FIXTURE BRANCH LINES, LOCATE THE WATER HAMMER ARRESTOR UPSTREAM OF THE SINGLE FIXTURE.
3. FOR MULTIPLE FIXTURE BRANCH LINES LESS THAN 20' IN LENGTH, LOCATE THE WATER HAMMER ARRESTOR BETWEEN THE LAST TWO FIXTURES.
4. FOR MULTIPLE FIXTURE BRANCH LINES MORE THAN 20' IN LENGTH, USE TWO WATER HAMMER ARRESTORS WITH ADDED CAPACITIES EQUAL TO THE TOTAL REQUIREMENT FOR THE BRANCH. LOCATE ONE UNIT BETWEEN THE LAST TWO FIXTURES AND THE OTHER UNIT APPROXIMATELY MIDWAY BETWEEN THE FIXTURES.

### WATER HAMMER ARRESTOR DETAIL

No Scale

2



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### PLUMBING FIXTURE CONNECTION SCHEDULE

FIXTURE TAG	DESCRIPTION	CONNECTION SIZE		
		WASTE	COLD WATER	HOT WATER
P-1	W.C., FLOOR MTD., FLUSH VALVE, BARRIER-FREE	4"	1"	----
P-2	URINAL, FLUSH VALVE, WALL MTD., BARRIER-FREE	2"	3/4"	----
P-3	LAV., WALL MTD., BARRIER-FREE	1-1/2"	1/2"	1/2"
P-4	SHOWER, TILE	2"	1/2"	1/2"
P-5	SINK, MOP (24"x24" CORNER)	3"	1/2"	1/2"
P-6	WALL HYDRANT, EXTERIOR	----	3/4"	----
P-7	FLOOR DRAIN, MECHCANICAL ROOM, W/TRAP PRIMER	3"	----	----
P-8	FLOOR DRAIN, REGULAR, W/TRAP PRIMER	3"	----	----

#### NOTES:

1. ALL WALL MOUNTED FIXTURES SHALL BE PROVIDED WITH FLOOR MOUNTED, CONCEALED ARM WALL CARRIERS.
2. ALL EXPOSED P-TRAPS SHALL BE PROVIDED W/LAV SHIELDS.
3. PROVIDE BACKFLOW PREVENTER AT CONNECTION TO OWNER FURNISHED EQUIPMENT.
4. PROVIDE ISOLATION VALVES ON HOT AND COLD WATER SUPPLY PIPING TO EACH PLUMBING FIXTURE.
5. REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS OF FIXTURES.
6. PROVIDE AND INSTALL TRAP PRIMERS FOR ALL FLOOR DRAINS.

### TANKLESS GAS HOT WATER HEATER SCHEDULE

DESIGNATION	WH-1	WH-2	WH-3	WH-4
LOCATION	MECH. 146	MECH. 146	MECH. 148	MECH. 148
TYPE	TANKLESS	TANKLESS	TANKLESS	TANKLESS
MANUFACTURER	RHEEM	RHEEM	RHEEM	RHEEM
MODEL	RTGH-95DVLN-2	RTGH-95DVLN-2	RTGH-95DVLN-2	RTGH-95DVLN-2
INPUT BTUH, MAX	199,900	199,900	199,900	199,900
INPUT BTUH, MIN	11,000	11,000	11,000	11,000
MINIMUM EFFICIENCY	93%	93%	93%	93%
FLUE SIZE	3"	3"	3"	3"
RECOVERY 100°F RISE	3.8 GPM	3.8 GPM	3.8 GPM	3.8 GPM
ELECTRICAL				
VOLTAGE	120/60/1	120/60/1	120/60/1	120/60/1
REMARKS	ALL	ALL	ALL	ALL

#### REMARKS:

1. CONDENSATE NEUTRALIZATION KIT.
2. CONCENTRIC VENT KIT.
3. FACTORY STARTUP.
4. FACTORY WALL MOUNTED RACK.
5. ISOLATION VALVE KITS.
6. PROVIDE WITH MIC-185 MANIFOLD CONTROLLER RTG20126B
7. ECONET ACCESSORY KIT (REWRA630TWH)

### EXPANSION TANK SCHEDULE

MARK	ET-1	ET-2
MANUFACTURER	AMTROL	AMTROL
MODEL NO.	ST-12C	ST-12C
SERVICE	WH-1 & WH-2	WH-3 & WH-4
TANK VOLUME GALLONS	6.4	6.4
MAX ACCEPTANCE VOLUME GALLONS	3.2	3.2
MAX WORKING PRESSURE PSIG	150	150
TANK DIAMETER x HEIGHT, INCHES	12 x 18	12 x 18

#### REMARKS

1. VERTICAL TANK.

### THERMOSTATIC MIXING VALVE

TAG	TMV-1	TMV-2
MANUFACTURER	LEONARD	LEONARD
MODEL NO.	TM-420B-LF-DT	TM-520B-LF-DT
SERVICE	WH-1 & WH-2	WH-3 & WH-4
RATED GPM AT MAX PRESSURE DROP	17	21
MAX PRESSURE DROP PSI	10	10
OUTLET TEMP %DF	120	120

#### REMARKS:

1. PROVIDE WITH BALL VALVE AND DIAL THERMOMETER.

SEAL



BID SET

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SCHEDULES - PLUMBING

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P5.1

## MECHANICAL GENERAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE & OPERATIONAL MECHANICAL SYSTEM IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. PROVIDE ALL ITEMS NECESSARY FOR A COMPLETE SYSTEM, EVEN IF NOT SPECIFICALLY MENTIONED.
- ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL MECHANICAL CODE (IMC), INTERNATIONAL BUILDING CODE (IBC), AND ALL OTHER ADOPTED CODES.
- MECHANICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS. DRAWINGS SHALL NOT BE SCALED.
- THE CONTRACTOR SHALL ROUTE DUCTWORK AND PIPING TO AVOID CONFLICTS AND INTERFERENCES WITH LIGHTING FIXTURES, PIPING, LARGER CONDUIT, AND OTHER CRAFT WORK. FINAL COORDINATION WITH OTHER TRADES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- DO NOT ROUTE ANY PIPING OR DUCTWORK DIRECTLY OVER ELECTRICAL PANELS AND EQUIPMENT, ELEVATOR EQUIPMENT AND CONTROLS, OR TELECOMMUNICATIONS EQUIPMENT. SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.
- THE CONTRACTOR SHALL FIELD VERIFY BY MEASUREMENT THE EXACT LOCATION OF EXISTING EQUIPMENT, DUCTWORK, PIPING, STRUCTURE, AND OTHER CONDITIONS WHICH WILL AFFECT INSTALLATION. THE CONTRACTOR SHALL LOCATE NEW EQUIPMENT AND ROUTE NEW DUCTWORK AND PIPING TO AVOID CONFLICTS AND INTERFERENCES WITH EXISTING FIELD CONDITIONS. FINAL COORDINATION WITH OTHER TRADES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- SIZES AND LOCATIONS OF EXISTING DUCTWORK, PIPING, AND EQUIPMENT ARE SHOWN ACCORDING TO RECORDED INFORMATION. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER AND ARCHITECT.
- PENETRATIONS THROUGH EXISTING RATED PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN THE INTEGRITY OF THE EXISTING RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR FINAL FINISHES AND RESTORE DAMAGED SURFACES AS REQUIRED.
- LOCATIONS OF AIR DISTRIBUTION DEVICES (DIFFUSERS, GRILLES, REGISTERS) ARE APPROXIMATE ONLY. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL AIR DISTRIBUTION DEVICES (WALL AND CEILING).
- ALL DUCTWORK SHOWN SHALL BE ROUTED ABOVE CEILING UNLESS NOTED OTHERWISE.
- DUCTWORK SHALL BE ROUTED WITH SIZES AS SHOWN ON THE PLANS UNLESS AN EQUIVALENT SIZE IS APPROVED BY THE ENGINEER.
- DUCT DIMENSIONS SHOWN ON DRAWINGS INDICATE INSIDE CLEAR DIMENSIONS. MAKE ALLOWANCES IN SHEET METAL SIZE FOR DUCT REQUIRING INTERNAL DUCT LINER TO PROVIDE "INSIDE CLEAR" DIMENSIONS.
- DUCT RUNOUT SIZES TO DIFFUSERS, GRILLES, AND REGISTERS TO BE AS SCHEDULED UNLESS NOTED OTHERWISE ON THE PLANS. CONTRACTOR TO PROVIDE A TRANSITION AT NECK OF EACH AIR DISTRIBUTION DEVICE AS REQUIRED.
- ALL AIR DISTRIBUTION SYSTEM(S) SHALL BE TESTED AND BALANCED IN ACCORDANCE WITH A.A.B.C. OR N.E.B.B. REQUIREMENTS. A CERTIFIED AIR BALANCE REPORT SHALL BE PREPARED PRIOR TO PROJECT CLOSEOUT.
- ALL DUCTWORK SHALL BE EXTERNALLY INSULATED UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS FOR REQUIREMENTS.
- ALL TRANSFER AIR DUCTS SHALL BE INTERNALLY INSULATED WITH 1" THICK (3 LB. DENSITY) DUCT LINER EQUAL TO CERTAINTED TOUGHGUARD.
- PROVIDE FIRE DAMPERS AT ALL DUCT PENETRATIONS THROUGH FLOOR SLABS AND FIRE RATED WALLS. PROVIDE COMBINATION FIRE/SMOKE DAMPERS AT ALL DUCT PENETRATIONS THROUGH SHAFT ENCLOSURES. REFER TO THE IBC AND NFPA FOR CAULKING REQUIREMENTS AROUND FIRE AND FIRE/SMOKE DAMPERS.
- FIRESTOP ALL PIPING PENETRATIONS THROUGH RATED WALLS AND FLOORS.
- PROVIDE 4" HIGH CONCRETE PAD FOR ALL FLOOR MOUNTED AND GRADE MOUNTED EQUIPMENT.
- MANUAL VOLUME DAMPERS SHALL BE PROVIDED AT ALL RUNOUTS TO SUPPLY AIR DIFFUSERS, RETURN AIR REGISTERS, EXHAUST AIR REGISTERS, DIVISIONS IN DUCTWORK (SUPPLY, RETURN AND EXHAUST), AND ELSEWHERE NOTED ON PLANS AND IN SPECIFICATIONS FOR BALANCING SYSTEM. DAMPERS IN REGISTERS, GRILLES, AND DIFFUSERS ARE PROVIDED FOR FINAL ADJUSTMENTS DURING TEST AND BALANCING. DO NOT RELY ON DISTRIBUTION DEVICE DAMPERS FOR SYSTEM BALANCING.
- PROVIDE REMOTE, CABLE-OPERATED VOLUME REGULATORS FOR ALL DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS (GYP CEILINGS, WOOD CEILINGS, ETC.). REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS IN WALLS AND NON-ACCESSIBLE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING OR ELECTRICAL EQUIPMENT IS REQUIRED. PANELS SHALL HAVE THE SAME FIRE RATING AS THE WALL OR CEILING IN WHICH THEY ARE INSTALLED.
- PROVIDE DUCT ACCESS DOORS FOR ALL LIFE SAFETY DAMPERS (FIRE, SMOKE, COMBO, ETC.), REHEAT COILS, DUCT MOUNTED SMOKE DETECTORS, AND ELSEWHERE WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING OR ELECTRICAL EQUIPMENT IS REQUIRED. THE CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS IN WALLS AND NON-ACCESSIBLE CEILINGS TO ENSURE DUCT ACCESS DOORS ARE ACCESSIBLE.
- PROVIDE CANVAS, FLAME RETARDANT FLEXIBLE DUCT CONNECTORS AT ALL CONNECTIONS OF FANS TO DUCTWORK.
- PROVIDE A MINIMUM SEPARATION OF 10'-0" BETWEEN FRESH AIR INTAKES AND ANY MECHANICAL EXHAUST, PLUMBING VENTS, OR OTHER VENT OUTLETS.
- ALL OUTSIDE AIR INTAKES ON ROOF SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 1'-0" FROM THE ROOF SURFACE. PROVIDE DUCTWORK OR CURB EXTENSIONS AS NECESSARY TO PROVIDE CLEARANCE.
- ROOFTOP MECHANICAL EQUIPMENT SHALL BE LOCATED A MINIMUM DISTANCE OF 10'-0" FROM THE EDGE OF THE ROOF.
- MECHANICAL EQUIPMENT AND PIPING INSTALLED ON ROOF SHALL BE SECURED TO MEET IBC WIND LOADING REQUIREMENTS.
- FOR AIR HANDLERS WITH DESIGN AIRFLOWS ABOVE 2,000 CFM, INSTALL SMOKE DETECTORS IN RETURN AIR DUCTWORK AND SUPPLY AIR DUCTWORK. DUCT MOUNTED SMOKE DETECTORS TO BE FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- PROVIDE LOCKABLE COVERS FOR THERMOSTATS LOCATED IN PUBLIC SPACES.
- WALL MOUNTED DEVICES SHALL NOT BE LOCATED IN ARCHITECTURAL FEATURE WALLS (WOOD, STONE, OR OTHER HIGH END FINISHES).
- PROVIDE SEALED ROOF CURBS FOR ALL DUCTWORK AND PIPING PENETRATIONS THROUGH THE ROOF. DUCT CONNECTIONS TO LOUVERS SHALL BE SLOPED TOWARD THE EXTERIOR.
- MECHANICAL EQUIPMENT SHALL NOT BE INSTALLED IN LOCATIONS WHERE SUBJECT TO MECHANICAL DAMAGE UNLESS PROTECTED BY APPROVED BARRIERS.
- ALL SUSPENDED EQUIPMENT, PIPING, MATERIALS, ETC. SHALL BE INDIVIDUALLY SUPPORTED FROM THE BUILDING STRUCTURE. DO NOT SUSPEND ITEMS FROM THE CEILING OR THE CEILING SUPPORT SYSTEM.
- EXPOSED OVERHEAD PIPING SHALL BE INSTALLED AS HIGH AS POSSIBLE ABOVE THE FLOOR AND TIGHT TO THE STRUCTURE. EXPOSED PIPE DROPS TO EQUIPMENT, OUTLETS, ETC. SHALL BE INSTALLED TIGHT AGAINST THE WALL.
- ALL LOUVERS, DIFFUSERS/GRILLES/REGISTERS, EXPOSED PIPING AND DUCTWORK, ETC. SHALL BE PAINTED TO MATCH SURROUNDING COLORS AND TEXTURES AS REQUIRED BY THE ARCHITECT. THE CONTRACTOR SHALL VERIFY PAINT COLORS AND TEXTURES WITH THE ARCHITECT PRIOR TO INSTALLATION.

## LEGEND

	MEDIUM PRESSURE TEE		DUCT TERMINATION
	RECTANGULAR DUCT TURNING DOWN		45° FULL RADIUS TURN
	ROUND DUCT TURNING DOWN		SQUARE ELBOW WITH TURNING VANES
	DUCT TURNING DOWN TO SIDEWALL REGISTER		FULL RADIUS TURN
	DOUBLE LINE TO DUCTWORK		CO2 SENSOR
	DUCT LINER IN LOW PRESSURE DUCT OR DOUBLE WALL INSULATED MEDIUM PRESSURE DUCT		THERMOSTAT
	BRANCH TAP OFF MAIN WITH 45° BOOT FITTING OR SPIN-IN FITTING WITH DAMPER (LOW PRESSURE)		MANUAL VOLUME DAMPER
	TRANSITION IN DUCT (NOT DIRECTION OF AIRFLOW)		VARIABLE VOLUME BOX
	REGISTER TAPPING INTO BOTTOM OF DUCT		INDICATES A SIZE "A" EXHAUST REGISTER SET FOR 100 CFM
	FIRE DAMPER		INDICATES A SIZE "B" RETURN REGISTER SET FOR 200 CFM
	FIRE/SMOKE DAMPER		INDICATES A SIZE "B" SUPPLY DIFFUSER SET FOR 200 CFM
	SMOKE DETECTOR		SUPPLY DIFFUSER (1-WAY)
	DUCT SMOKE DETECTOR		SUPPLY DIFFUSER (2-WAY)
	ACCESS DOOR		SUPPLY DIFFUSER (3-WAY)
	ABOVE FINISHED FLOOR		SUPPLY DIFFUSER (4-WAY)
	BELOW FINISHED FLOOR		EXHAUST GRILLE
	VARIABLE FREQUENCY DRIVE		RETURN GRILLE
	TRANSFER AIR DUCT		DOOR GRILLE
	TRANSFER AIR OPENING		UNDERCUT DOOR 3/4" UNLESS OTHERWISE NOTED
	BUILDING AUTOMATION CONTROL SYSTEM		
	PRESSURE SENSOR		
	MOTORIZED DAMPER		

## MECHANICAL GENERAL DEMOLITION NOTES:

- ALL MECHANICAL EQUIPMENT, DUCTWORK, AIR DISTRIBUTION DEVICES, PIPING, VALVES, CONTROL WIRING, THERMOSTATS, HANGERS, SUPPORTS, ETC. SHALL BE REMOVED UNLESS OTHERWISE NOTED. PERMANENTLY SEAL AND CAP SERVICES NEXT TO MAIN SERVICE LINES ABOVE CEILINGS, IN WALLS, OR BELOW FLOORS AS REQUIRED.
- THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL-INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE DESIGN INDICATED BY THE CONTRACT DOCUMENTS. CONTRACTOR SHALL COORDINATE MECHANICAL DEMOLITION DRAWINGS AND NOTES WITH ARCHITECTURAL DRAWINGS AND NOTES.
- EXISTING CONDITIONS AND LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. SHALL BE FIELD VERIFIED PRIOR TO COMMENCING WORK. CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS AND MAY NOT BE EXACT. REFERENCE EXISTING AS-BUILT DRAWINGS FOR ADDITIONAL INFORMATION. REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS TO ARCHITECT, ENGINEER, AND OWNER PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK.
- CONTRACTOR SHALL REVIEW ALL ITEMS TO BE DEMOLISHED WITH OWNER TO IDENTIFY ANY ITEMS TO BE SALVAGED PRIOR TO START OF DEMOLITION.
- REPAIR/REPLACE EXISTING EQUIPMENT, MATERIALS, AND SURFACES NOT SCHEDULED OR NOTED TO BE DEMOLISHED THAT ARE DAMAGED DURING CONSTRUCTION. MAKE ANY AND ALL SUCH REPAIRS AND REPLACEMENTS TO RESTORE THE DAMAGED ITEMS TO THEIR ORIGINAL CONDITIONS AT THE TIME OF DAMAGE, TO THE SATISFACTION OF AND AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL MEASURE AIR FLOW QUANTITIES FOR EACH EXHAUST FAN INLET AND AIR HANDLING UNIT PRIOR TO DEMOLITION WORK AND SUBMIT TO ARCHITECT, ENGINEER, AND OWNER FOR REVIEW. TRAVERSES AND OTHER REQUESTED AIRFLOW READINGS ARE MINIMUM REQUIREMENTS. PROVIDE ADDITIONAL READINGS AS REQUIRED TO VERIFY THAT EXISTING AREAS TO REMAIN ARE RETURNED TO PRE-RENOVATION AIR FLOW QUANTITIES AND RENOVATION AREAS ARE PROVIDED WITH AIR FLOW QUANTITIES AS INDICATED ON THE PLANS.
- CAP AND SEAL AIR TIGHT ALL POINTS AT WHICH DUCTWORK IS REMOVED FROM DUCTWORK THAT WILL REMAIN. RE-INSULATE REMAINING DUCTWORK TO MAINTAIN VAPOR BARRIER.
- DURING CONSTRUCTION, PROVIDE TEMPORARY ROLL FILTER MEDIA UPSTREAM OF PRE-FILTERS IN AIR HANDLING UNITS SERVING THE RENOVATION AREA. UPON COMPLETION OF PROJECT, INSTALL A COMPLETE CHANGE OF FILTERS IN UNIT.
- CONTRACTOR SHALL COORDINATE INTERRUPTIONS OF EXISTING SERVICES WITH THE OWNER PRIOR TO COMMENCING WORK.
- EXISTING PIPING AND DUCTWORK TO REMAIN SHALL BE REPLACED AND/OR REROUTED AS REQUIRED TO ALLOW INSTALLATION OF NEW PIPING, DUCTWORK, CEILINGS, ETC. SEE ARCHITECTURAL PLANS FOR NEW CEILING HEIGHTS.
- FOR ALL DEMOLISHED EQUIPMENT CONNECTED TO THE OWNER'S ENERGY MANAGEMENT SYSTEM (EMS), REMOVE CONTROL POINTS FROM EMS AND MODIFY FRONT END GRAPHICS.

## SHEET LIST - MECHANICAL

Sheet Number	Sheet Name	Drawn By	Checked By
M0.1	LEGENDS - MECHANICAL	TKP	TP/DW
MD1.0	OVERALL DEMOLITION FLOOR PLAN - HVAC	TKP	TP/DW
MD1.1	ENLARGED DEMOLITION FLOOR PLAN - EAST - HVAC	TKP	TP/DW
MD1.2	ENLARGED DEMOLITION FLOOR PLAN - WEST - HVAC	TKP	TP/DW
M1.0	OVERALL FLOOR PLAN - HVAC	TKP	TP/DW
M1.1	ENLARGED FLOOR PLAN - EAST - HVAC	TKP	TP/DW
M1.2	ENLARGED FLOOR PLAN - WEST - HVAC	TKP	TP/DW
M2.1	ENLARGED FLOOR PLAN - EAST - HVAC PIPING	TKP	TP/DW
M2.2	ENLARGED FLOOR PLAN - WEST - HVAC PIPING	TKP	TP/DW
M3.1	DETAILS - MECHANICAL	TKP	TP/DW
M3.2	DETAILS - MECHANICAL	TKP	TP/DW
M4.1	SCHEDULES - MECHANICAL	TKP	TP/DW
M5.1	CONTROLS - MECHANICAL	TKP	TP/DW



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SEAL



BID SET

SHEET TITLE:  
LEGENDS - MECHANICAL

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

DRAWN TKP  
CHECKED TP/DW

FINAL DATE  
FEB. 18, 2026

REVISION SCHEDULE  
REV # REV DATE

CN# 25-4137

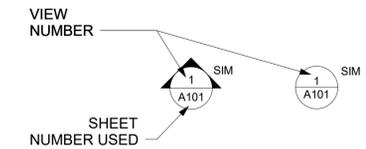
SHEET NUMBER

M0.1

## DEMOLITION LEGEND

————— EXISTING TO REMAIN  
----- DEMOLITION

## VIEW NAME LEGEND



## PIPING LEGEND

	MOISTURE CONDENSATE DRAIN LINE		DIRECTION OF WATER FLOW
	REFRIGERANT SUPPLY		TEE
	REFRIGERANT RETURN		PIPE TURNING DOWN
			PIPE TURNING UP
			PIPE SHUT OFF VALVE



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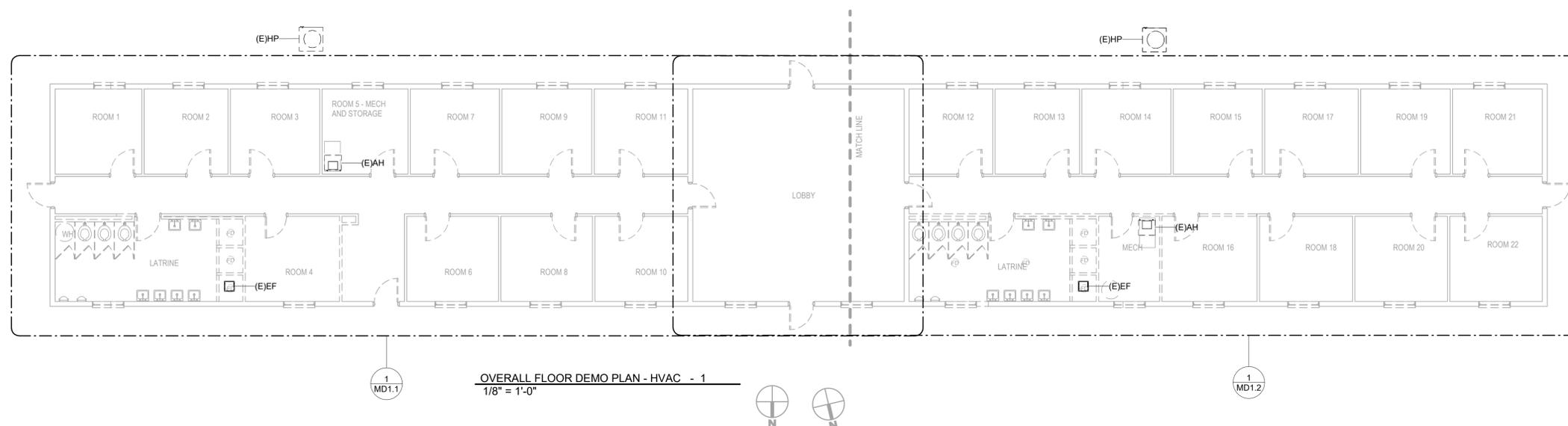
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**GENERAL NOTES:**

A. SEE ENLARGED DEMOLITION PLANS FOR MORE DETAILED INFORMATION ON MECHANICAL DEMO.



**OVERALL FLOOR DEMO PLAN - HVAC - 1**  
1/8" = 1'-0"

SEAL



BID SET

SHEET TITLE:  
OVERALL DEMOLITION FLOOR PLAN - HVAC

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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SHEET NUMBER

**MD1.0**



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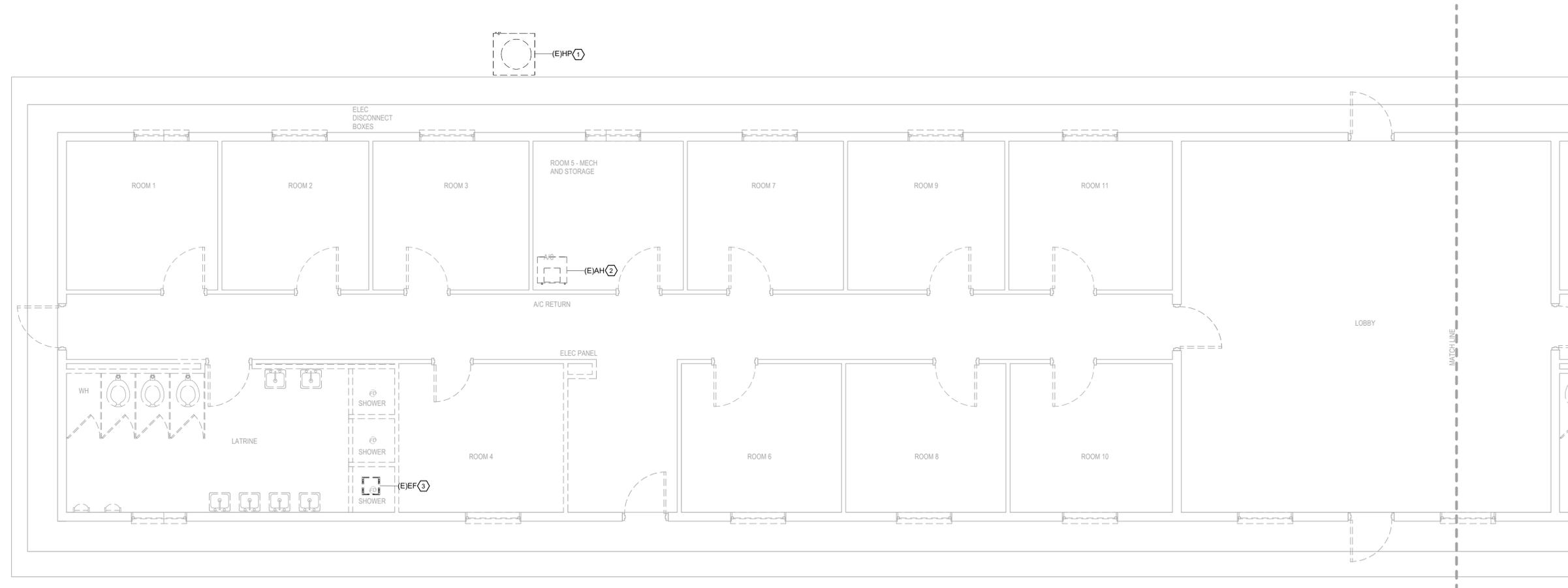
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KEYED NOTES: □

1. DEMO EXISTING CONDENSING UNIT AND REFRIGERANT PIPING.
2. DEMO EXISTING AIR HANDLER, DUCTWORK, AIR DISTRIBUTION DEVICES AND CONTROLS.
3. DEMO EXISTING EXHAUST FAN, DUCTWORK AND CONTROLS.



ENLARGED DEMOLITION FLOOR PLAN - EAST - HVAC - 1  
1/4" = 1'-0"



SEAL



BID SET

SHEET TITLE:  
ENLARGED DEMOLITION FLOOR PLAN - EAST - HVAC

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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FINAL DATE  
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CN# 25-4137

SHEET NUMBER

MD1.1



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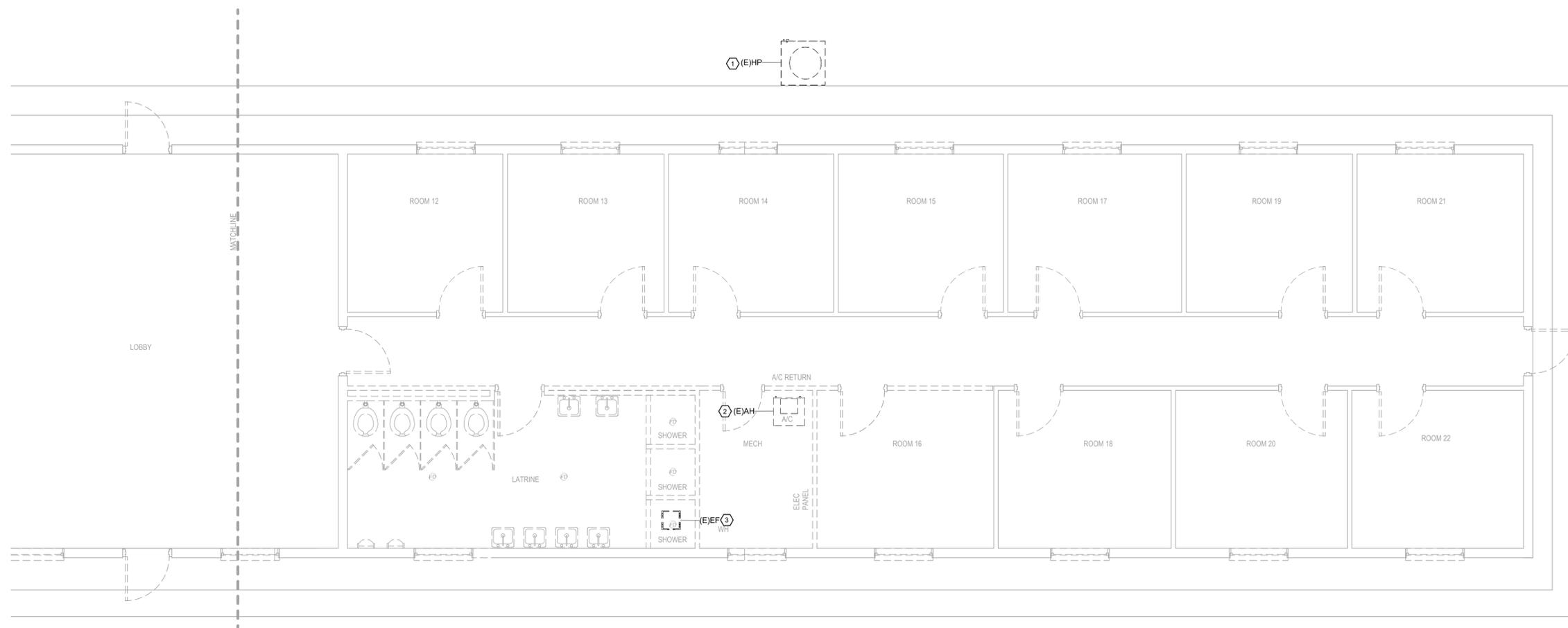
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KEYED NOTES: □

1. DEMO EXISTING CONDENSING UNIT AND REFRIGERANT PIPING.
2. DEMO EXISTING AIR HANDLER, DUCTWORK, AIR DISTRIBUTION DEVICES AND CONTROLS.
3. DEMO EXISTING EXHAUST FAN, DUCTWORK AND CONTROLS.



ENLARGED DEMOLITION FLOOR PLAN - WEST - HVAC - 1  
1/4" = 1'-0"



SEAL



BID SET

SHEET TITLE:  
ENLARGED DEMOLITION FLOOR PLAN - WEST - HVAC

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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SHEET NUMBER

MD1.2



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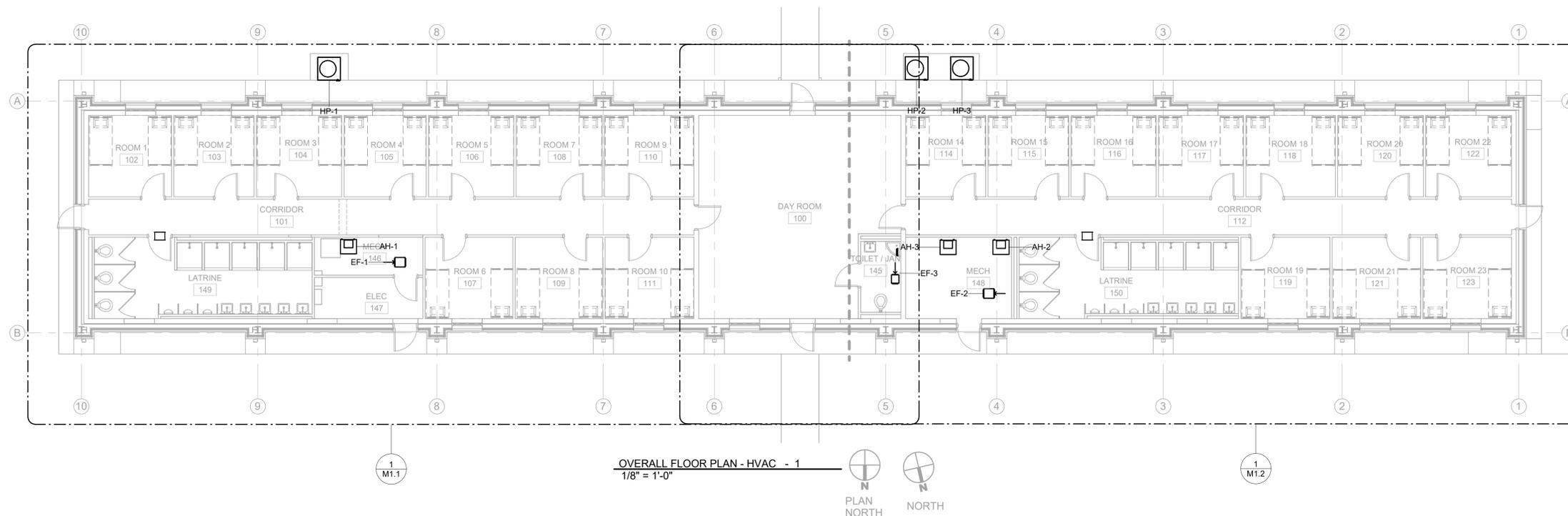
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GENERAL NOTES:

A. SEE ENLARGED PLANS FOR MORE DETAILED INFORMATION ON LAYOUT OF MECHANICAL SYSTEMS.



SEAL



BID SET

SHEET TITLE:  
OVERALL FLOOR PLAN - HVAC

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 28250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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CN# 25-4137

SHEET NUMBER

M1.0

DUCT COLOR LEGEND	
	SUPPLY AIR
	RETURN AIR
	EXHAUST AIR
	OUTDOOR AIR

**GENERAL NOTES:**

A. ALL BOTTOM OF DUCT (BOD) DIMENSIONS ARE APPROXIMATE. FIELD COORDINATE EXACT MOUNTING HEIGHT.

**KEYED NOTES:** □

- EXHAUST DUCT UP FOR CONNECTION TO GREENHECK MODEL GRSR-12 (OR EQUAL) GRAVITY VENTILATOR ON ROOF.
- CONSTRUCT PLENUM (PER DETAIL) FOR MOUNTING OF AIR HANDLER.
- MOUNT HEAT PUMP ON CONCRETE PAD.
- OUTSIDE AIR DUCT UP FOR CONNECTION TO GREENHECK MODEL GRSI-12 (OR EQUAL) GRAVITY VENTILATOR ON ROOF.
- EXPOSED DUCT SHALL BE DOUBLE WALL SPIRAL PAINT GRIP STEEL. PAINT IN COLOR SELECTED BY ARCHITECT/OWNER.
- TITUS MODEL S300FL (OR EQUAL) DUCT MOUNTED DOUBLE DEFLECTION SUPPLY GRILLE.
- TITUS MODEL S8F (OR EQUAL) DUCT MOUNTED RETURN GRILLE.
- COORDINATE EXACT LOCATION OF AH-1 OR PROVIDE OFFSET IN SA DUCT VERTICAL RISE AS REQUIRED TO AVOID FURR DOWN IN CORRIDOR.
- 16"x8" TRANSFER DUCT CONNECTS 16"x8" RARs. MOUNT ABOVE DOOR IN FURR DOWN.



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ENLARGED FLOOR PLAN - EAST - HVAC - 1  
 1/4" = 1'-0"



SHEET TITLE:  
 ENLARGED FLOOR PLAN - EAST - HVAC

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471

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SHEET NUMBER

M1.1

DUCT COLOR LEGEND	
	SUPPLY AIR
	RETURN AIR
	EXHAUST AIR
	OUTDOOR AIR

GENERAL NOTES:

A. ALL BOTTOM OF DUCT (BOD) DIMENSIONS ARE APPROXIMATE. FIELD COORDINATE EXACT MOUNTING HEIGHT.

KEYED NOTES: ○

- EXHAUST DUCT UP FOR CONNECTION TO GREENHECK MODEL GRSR-12 (OR EQUAL) GRAVITY VENTILATOR ON ROOF.
- CONSTRUCT PLENUM (PER DETAIL) FOR MOUNTING OF AIR HANDLER. PROVIDE SPLITTER BETWEEN UNITS.
- MOUNT HEAT PUMP ON CONCRETE PAD.
- EXHAUST DUCT UP FOR CONNECTION TO GREENHECK MODEL GRSR-8 (OR EQUAL) GRAVITY VENTILATOR ON ROOF.
- OUTSIDE AIR DUCT UP FOR CONNECTION TO GREENHECK MODEL GRSI-8 (OR EQUAL) GRAVITY VENTILATOR ON ROOF.
- OUTSIDE AIR DUCT UP FOR CONNECTION TO GREENHECK MODEL GRSI-12 (OR EQUAL) GRAVITY VENTILATOR ON ROOF.
- EXPOSED DUCT SHALL BE DOUBLE WALL SPIRAL PAINT GRIP STEEL. PAINT IN COLOR SELECTED BY ARCHITECT/OWNER.
- TITUS MODEL S8R (OR EQUAL) DUCT MOUNTED EXHAUST GRILLE.
- TITUS MODEL S300FL (OR EQUAL) DUCT MOUNTED DOUBLE DEFLECTION SUPPLY GRILLE.
- TITUS MODEL S8F (OR EQUAL) DUCT MOUNTED RETURN GRILLE.
- 10"Ø RA DUCT MOUNTED ABOVE. 14"Ø RA DUCT MOUNTED BELOW.
- 16"x8" TRANSFER DUCT CONNECTS 16"x8" RARs. MOUNTED ABOVE DOOR IN FURR-DOWN.
- PROVIDE VERTICAL OFFSET TO ALLOW FOR RETURN TO CLEAR FURR-DOWN IN COORIDOR.



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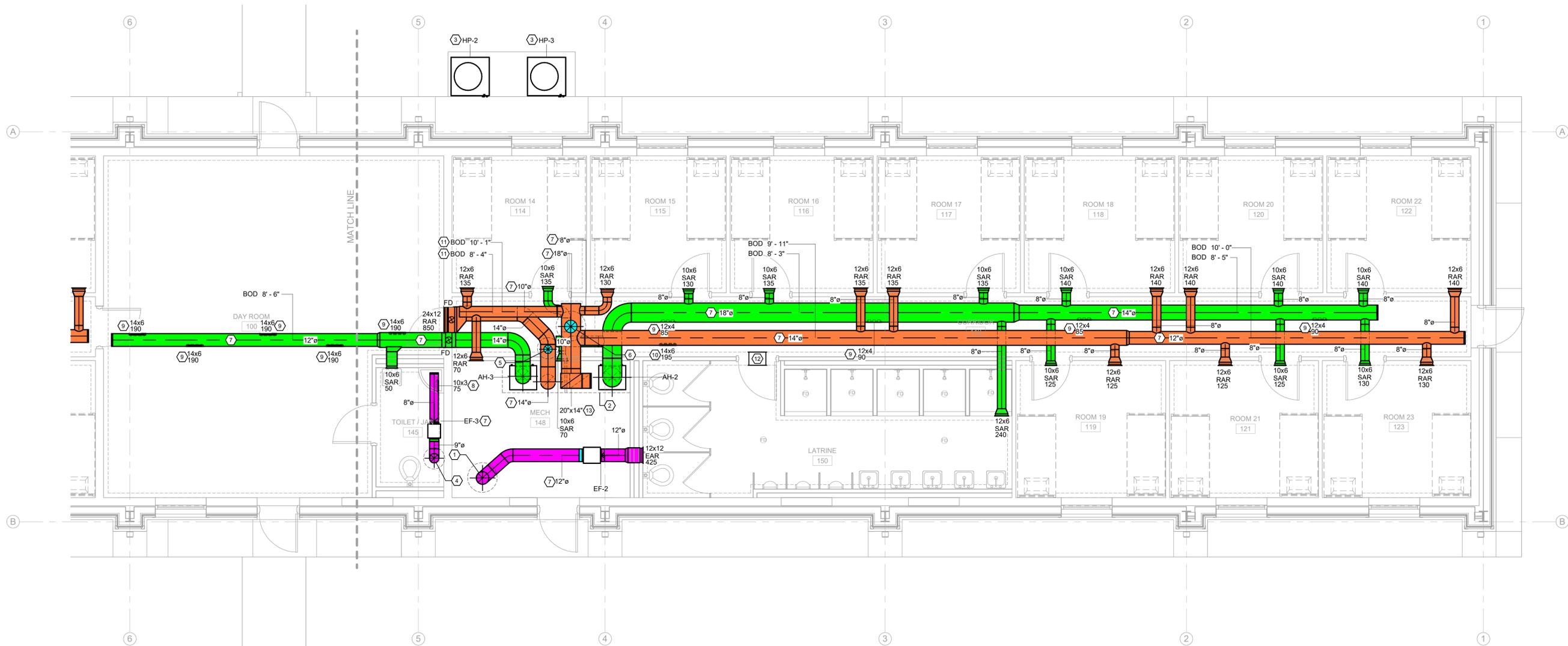


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ENLARGED FLOOR PLAN - WEST - HVAC - 1  
 1/4" = 1'-0"



SHEET TITLE:  
 ENLARGED FLOOR PLAN - WEST - HVAC

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471  
 P#: 28250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

DRAWN	TKP
CHECKED	TP/DW
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SHEET NUMBER

M1.2

**GENERAL NOTES:**

- A. COORDINATE ROUTING OF ALL REFRIGERANT PIPING WITH GENERAL CONTRACTOR SO THAT IT IS CONCEALED WITHIN THE PROVIDED FUR-DOWNS. ALSO SEE KEYED NOTE 3.

**KEYED NOTES:**

- 1. LOCATION FOR EPO SWITCH (SEE DETAIL).
- 2. ROUTE CONDENSATE TO NEARBY FLOOR DRAIN.
- 3. ROUTE REFRIGERANT PIPING JUST ABOVE GRADE FOR ENTRY INTO BUILDING. TURN UP INSIDE STUD WALL FOR ROUTING TO AIR HANDLER (COORDINATE SO PIPING IS CONCEALED BY ABOVE WALL AND CORRIDOR FURR DOWN). SIZE PIPING PER MANUFACTURER RECOMMENDATION.
- 4. PROVIDE FLUE & COMBUSTION VENTING FOR GAS WATER HEATER PER MANUFACTURER RECOMMENDATION.



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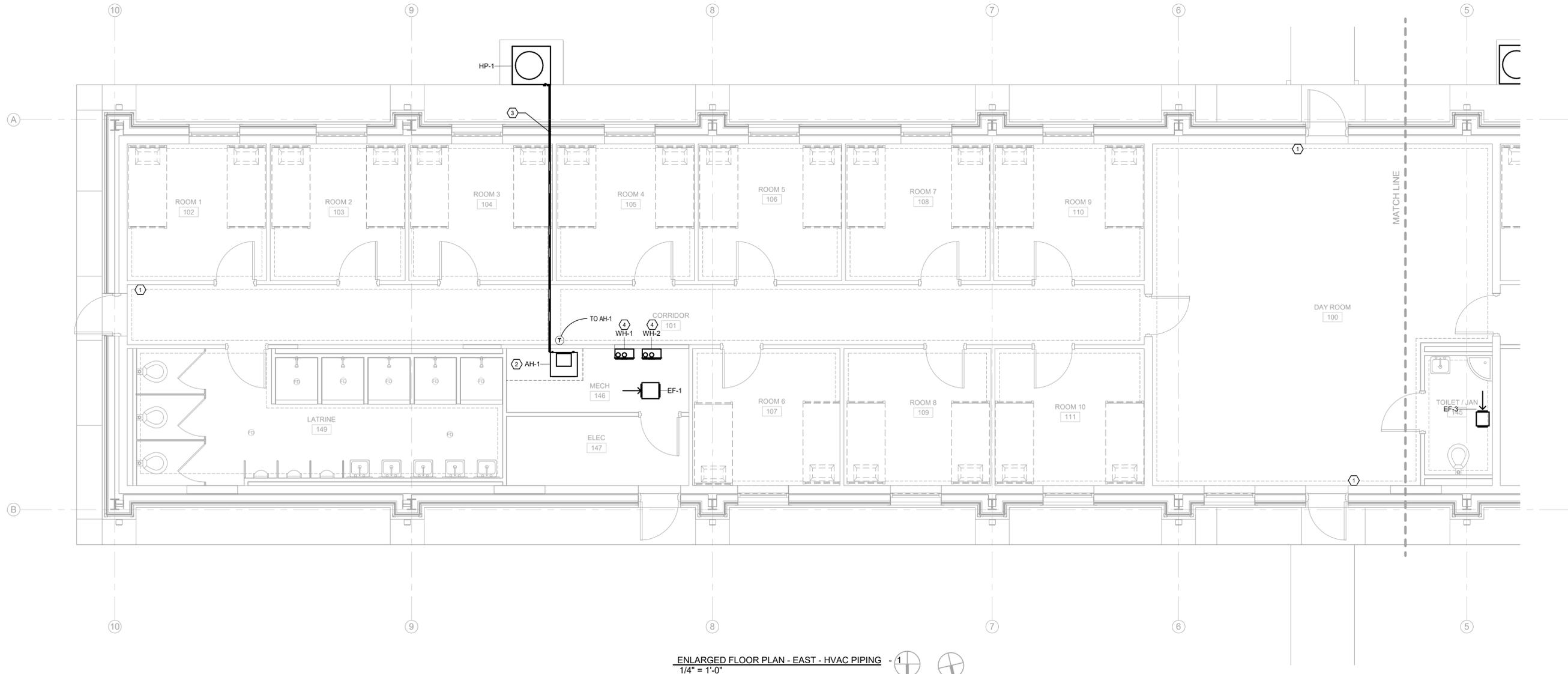


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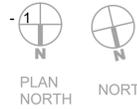
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BID SET



ENLARGED FLOOR PLAN - EAST - HVAC PIPING - 1  
 1/4" = 1'-0"



SHEET TITLE:  
 ENLARGED FLOOR PLAN - EAST - HVAC PIPING

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471  
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 REV # REV DATE

CN# 25-4137

SHEET NUMBER

M2.1

**GENERAL NOTES:**

- A. COORDINATE ROUTING OF ALL REFRIGERANT PIPING WITH GENERAL CONTRACTOR SO THAT IT IS CONCEALED WITHIN THE PROVIDED FUR-DOWNS. ALSO SEE KEYED NOTE 2.

**KEYED NOTES:**

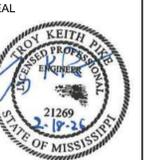
- 1. ROUTE CONDESATE TO NEARBY FLOOR DRAIN.
- 2. ROUTE REFRIGERANT PIPING JUST ABOVE GRADE FOR ENTRY INTO BUILDING. TURN UP INSIDE STUD WALL FOR ROUTING TO AIR HANDLER (COORDINATE SO PIPING IS CONCEALED BY ABOVE WALL AND CORRIDOR FURR DOWN). SIZE PER MANUFACTURER RECOMMENDATION.
- 3. PROVIDE FLUE & COMBUSTION VENTING FOR GAS FIRED WATER HEATER PER MANUFACTURER RECOMMENDATION.



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 ICT Project No. 2545-01288-00



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BID SET

SHEET TITLE:  
ENLARGED FLOOR PLAN - WEST - HVAC PIPING

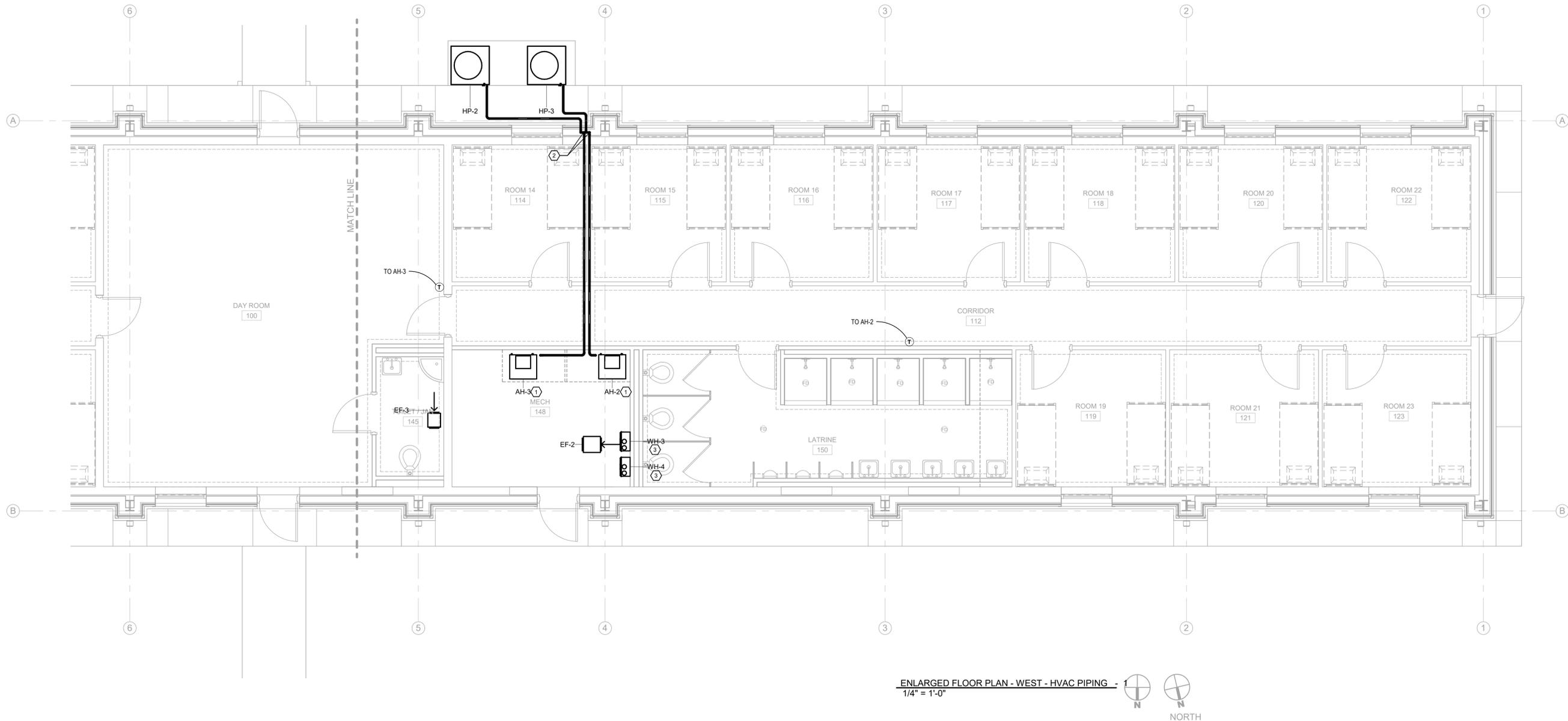
PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

DRAWN T.K.P.  
CHECKED T.P./D.W.  
FINAL DATE  
FEB. 18, 2026  
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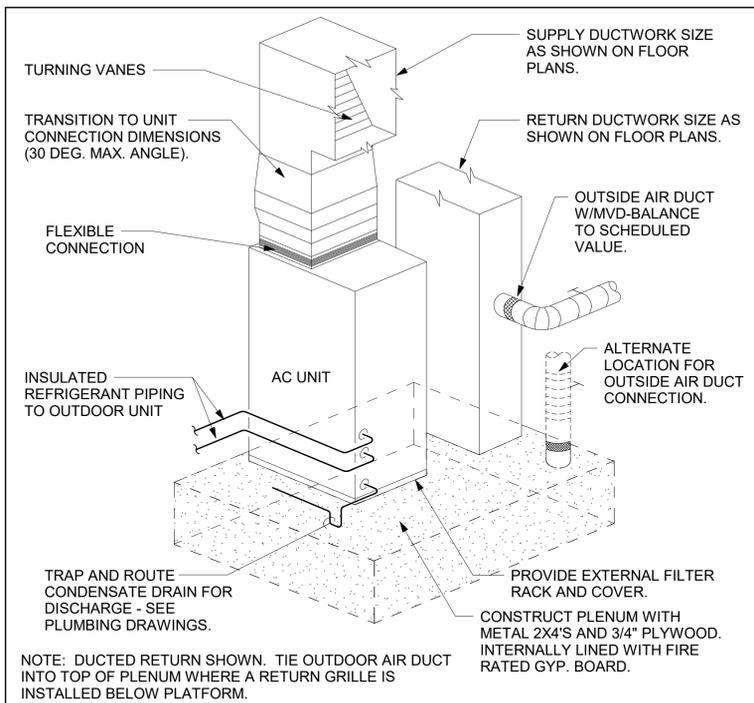
SHEET NUMBER

**M2.2**



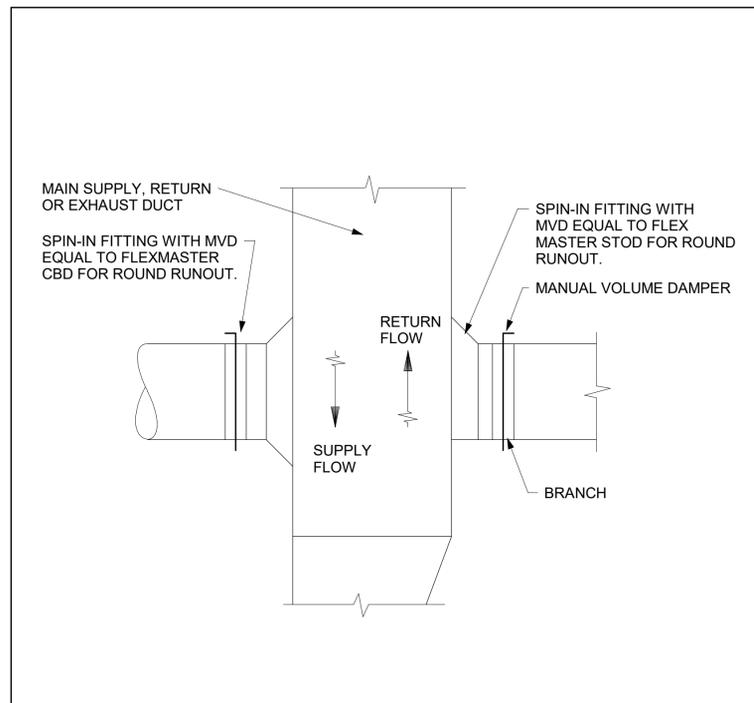
ENLARGED FLOOR PLAN - WEST - HVAC PIPING - 1  
 1/4" = 1'-0"





**CLOSET MOUNTED HEAT PUMP AIR HANDLER DETAIL**

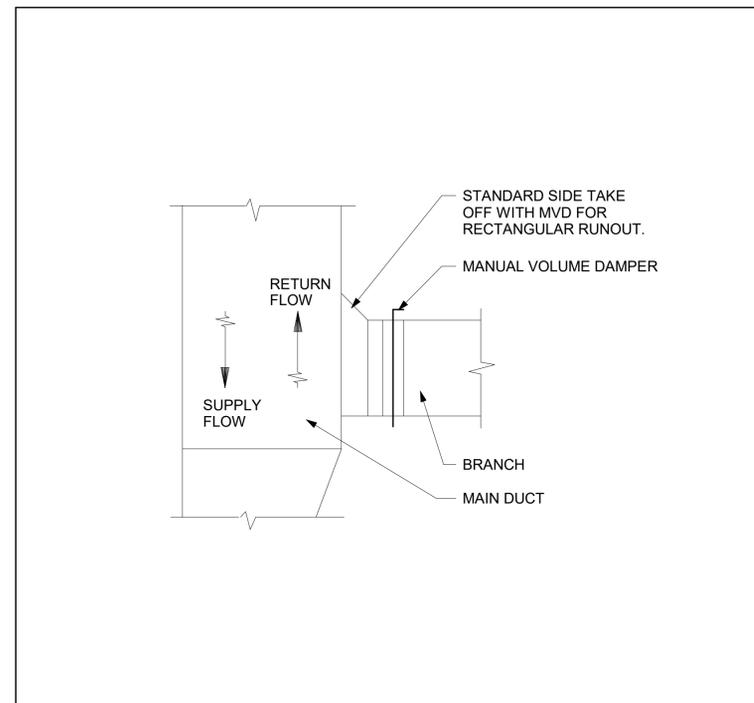
1



**LOW PRESSURE ROUND BRANCH DUCT RUNOUT**

No Scale

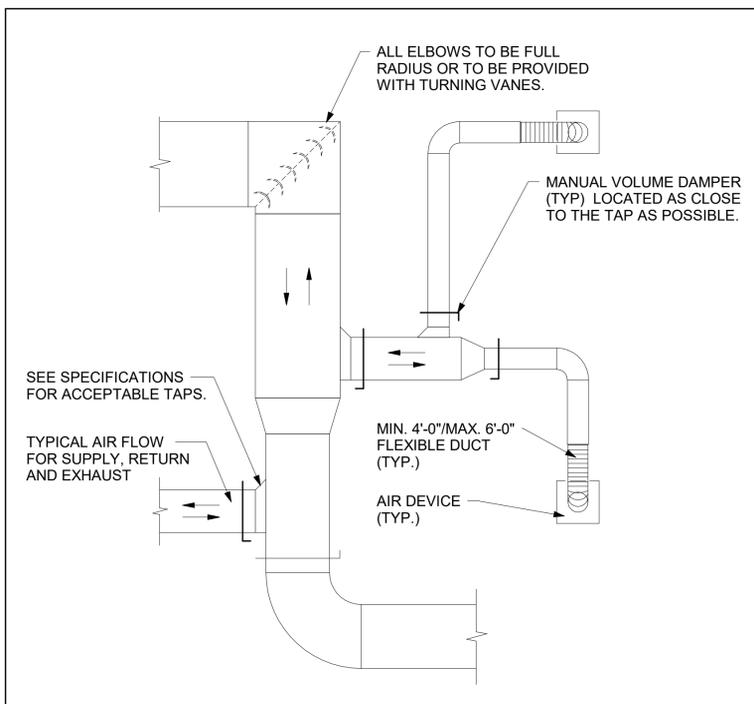
2



**LOW PRESSURE RECTANGULAR BRANCH DUCT RUNOUT**

No Scale

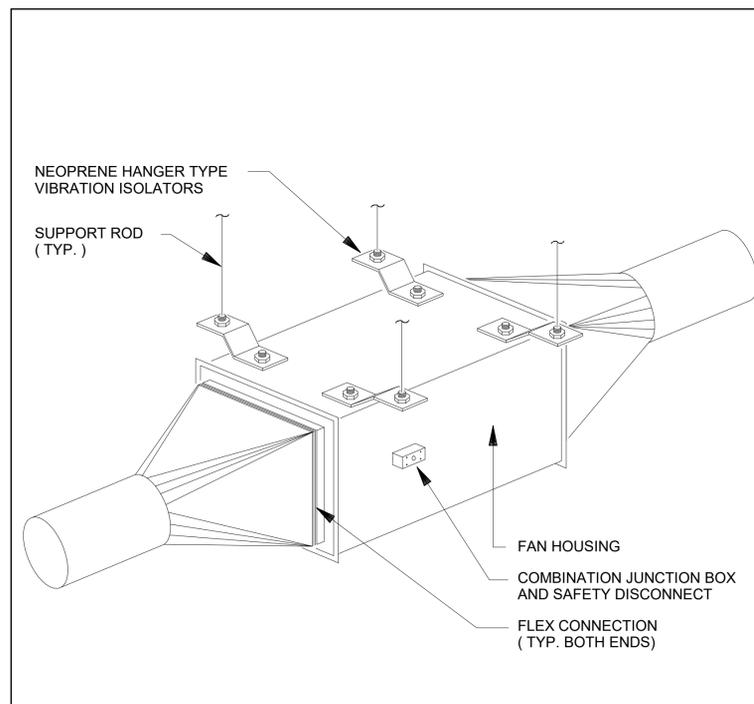
3



**TYPICAL LOW PRESSURE SUPPLY, RETURN AND EXHAUST DUCT DETAIL**

No Scale

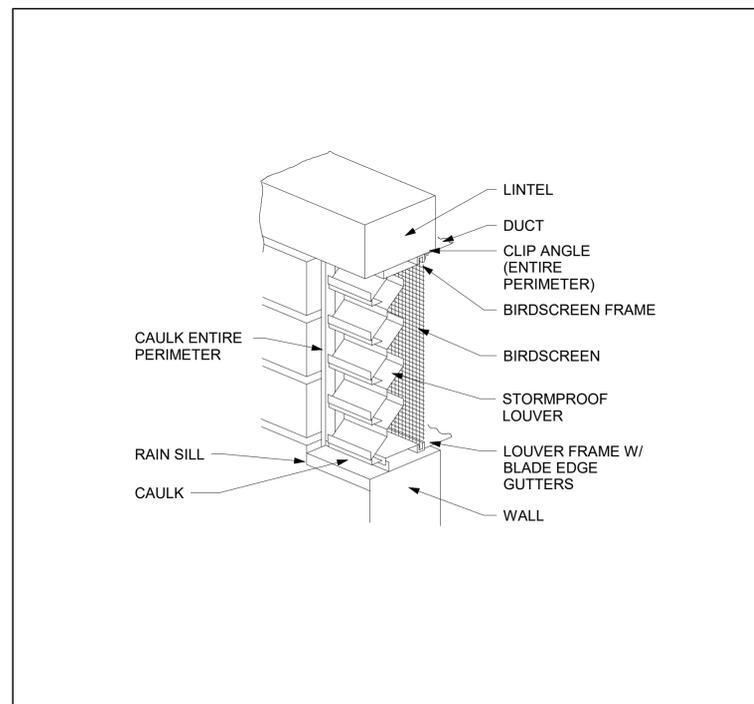
4



**IN-LINE EXHAUST FAN ABOVE CEILING MOUNTING DETAIL**

No Scale

5



**TYPICAL HVAC WALL LOUVER**

No Scale

6



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BID SET

SHEET TITLE: DETAILS - MECHANICAL

PROJECT: RESTORATION AND MODERNIZATION OF BUILDING 1471  
 P#: 28250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

DRAWN TKP  
 CHECKED TP/DW

FINAL DATE  
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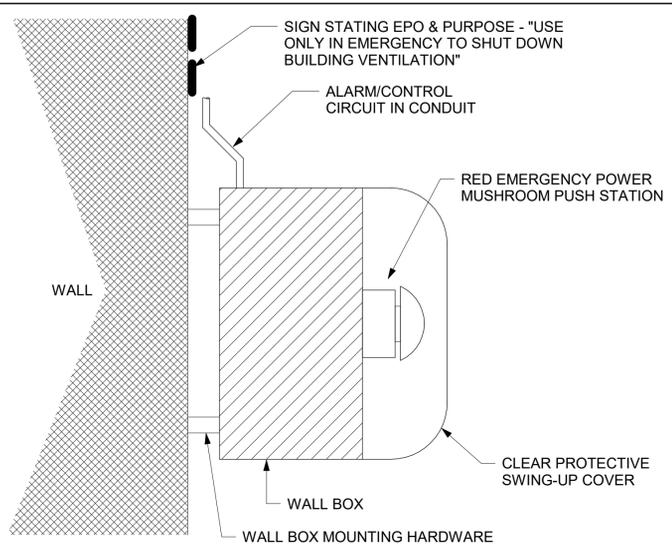
REVISION SCHEDULE  
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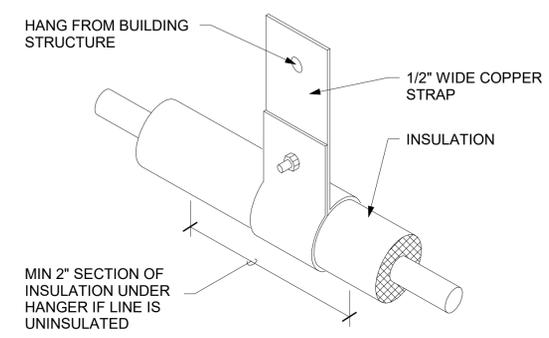
**M3.1**

MOISTURE CONDENSATE DRAIN PIPING SIZING								
PIPE SIZE (INCH)	3/4"	1"	1-1/4"	1-1/2"	2"	3"	4"	5"
TONS	2	5	30	50	170	300	430	675



**NOTE:**

1. THIS SWITCH SHALL BE PROVIDED BY CONTRACTOR TO IMMEDIATELY SHUT DOWN ALL AIR DISTRIBUTION AND EXHAUST SYSTEMS THROUGHOUT BUILDING AND CLOSE ALL DAMPERS LEADING TO THE OUTSIDE.
2. PROVIDE FULL COORDINATION BETWEEN FIRE PROTECTION/ALARMING, CONTROLS AND HVAC CONTACTORS FOR SWITCH INSTALLATION.



**MOISTURE CONDENSATE DRAIN PIPING SIZING DETAIL**  
No Scale

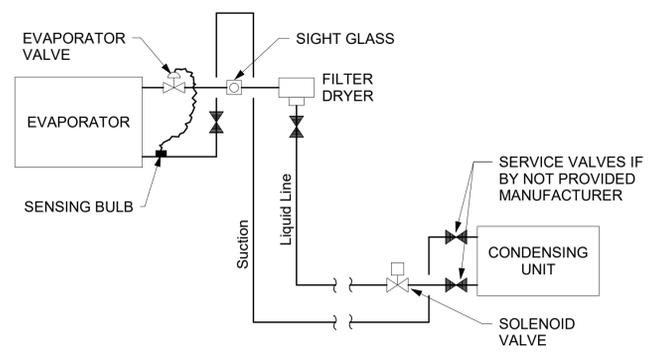
1

**DETAIL FOR EMERGENCY SHUTOFF EPO SWITCH**  
No Scale

2

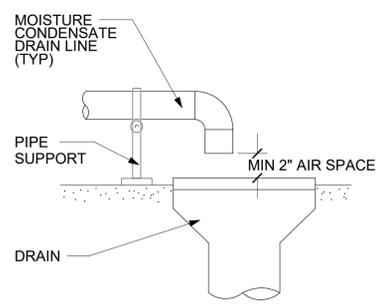
**DETAIL FOR REFRIGERANT LINE HANGER**  
No Scale

3



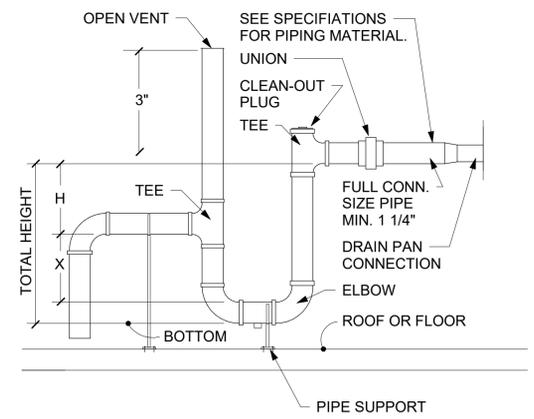
**REFRIGERANT PIPING SCHEMATIC**  
No Scale

4



**TERMINATION DETAIL OF MOISTURE CONDENSATE LINE**  
No Scale

5



**NOTE:**

1. SLOPE DRAIN LINE MINIMUM OF 1/8" PER FOOT TO DRAIN.
2. TOTAL HEIGHT = X + H + PIPE O.D. + 2" (INSULATION)

**FOR DRAW THRU UNITS:**  
H = NEGATIVE STATIC PRESSURE + 1.0"  
X = 0.5 \* H (MINIMUM)

**FOR BLOW THRU UNITS:**  
H = 0.5" (MINIMUM)  
X = POSITIVE STATIC PRESSURE + 0.5"

**CONDENSATE DRAIN TRAP**  
No Scale

6



BID SET

SHEET TITLE: MECHANICAL  
DETAILS - MECHANICAL

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**M3.2**



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BID SET

SHEET TITLE:  
 SCHEDULES - MECHANICAL

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**M4.1**

LOUVERED FACE CEILING DIFFUSER SCHEDULE									
MARK	MANUFACTURER	MODEL	ADAPTER/ NECK SIZE	FACE SIZE	MAX CFM	MAX NC	MAX SP	THROW	RUN-OUT SIZE
SA	TITUS	TDCAA	6"Ø / 6"x6"	12"x12"	100	25	0.1	4-WAY	6"Ø / 8"x6"
SB	TITUS	TDCAA	8"Ø / 9"x9"	15"x15"	200	25	0.1	4-WAY	8"Ø / 10"x6"
SC	TITUS	TDCAA	10"Ø / 12"x12"	15"x15"	400	25	0.1	4-WAY	10"Ø / 12"x8"
SD	TITUS	TDCAA	12"Ø / 15"x15"	24"x24"	600	25	0.1	4-WAY	12"Ø / 14"x8"
SE	TITUS	TDCAA	6"Ø / 6"x6"	12"x12"	100	25	0.1	3-WAY	6"Ø / 8"x6"
SF	TITUS	TDCAA	8"Ø / 9"x9"	15"x15"	200	25	0.1	3-WAY	8"Ø / 10"x6"
SG	TITUS	TDCAA	10"Ø / 12"x12"	15"x15"	400	25	0.1	3-WAY	10"Ø / 12"x8"
SH	TITUS	TDCAA	12"Ø / 15"x15"	24"x24"	600	25	0.1	3-WAY	12"Ø / 14"x8"
SI	TITUS	TDCAA	6"Ø / 6"x6"	12"x12"	100	25	0.1	2-WAY	6"Ø / 8"x6"
SJ	TITUS	TDCAA	8"Ø / 9"x9"	15"x15"	200	25	0.1	2-WAY	8"Ø / 10"x6"
SK	TITUS	TDCAA	10"Ø / 12"x12"	15"x15"	400	25	0.1	2-WAY	10"Ø / 12"x8"
SL	TITUS	TDCAA	12"Ø / 15"x15"	24"x24"	600	25	0.1	2-WAY	12"Ø / 14"x8"
SM	TITUS	TDCAA	6"Ø / 6"x6"	12"x12"	100	25	0.1	1-WAY	6"Ø / 8"x6"
SN	TITUS	TDCAA	8"Ø / 9"x9"	15"x15"	200	25	0.1	1-WAY	8"Ø / 10"x6"
SO	TITUS	TDCAA	10"Ø / 12"x12"	15"x15"	400	25	0.1	1-WAY	10"Ø / 12"x8"
SP	TITUS	TDCAA	12"Ø / 15"x15"	24"x24"	600	25	0.1	1-WAY	12"Ø / 14"x8"
SQ	TITUS	TDCAA	6"Ø / 6"x6"	12"x12"	100	25	0.1	2-W CORNER	6"Ø / 8"x6"
SR	TITUS	TDCAA	8"Ø / 9"x9"	15"x15"	200	25	0.1	2-W CORNER	8"Ø / 10"x6"
SS	TITUS	TDCAA	10"Ø / 12"x12"	15"x15"	400	25	0.1	2-W CORNER	10"Ø / 12"x8"
ST	TITUS	TDCAA	12"Ø / 15"x15"	24"x24"	600	25	0.1	2-W CORNER	12"Ø / 14"x8"

COMMENTS:  
 1. CONTRACTOR HAS OPTION OF USING 24" X 24" FACE FOR MOUNTING IN ACOUSTICAL TILE CEILING.  
 2. USE DUCT SPIN-IN FITTING AND MANUAL VOLUME DAMPER EQUAL TO GENFLEX MODEL SM-2DEL. PROVIDE OPPOSED BLADE DAMPER CONTROL AT FACE OF REGISTER WHERE DAMPER IS NOT ACCESSIBLE.  
 3. ANY THROW PATTERN INDICATED ON HVAC DRAWINGS SHALL TAKE PRECEDENCE OVER CONTRADICTIONS THAT MAY EXIST ON THIS SCHEDULE.

EGG GRATE RETURN AND EXHAUST REGISTERS								
MARK	MANUFACTURER	MODEL	ADAPTER/ NECK SIZE	FACE SIZE	MAX CFM	MAX SP	MAX NC	RUN-OUT SIZE
RA / EA	TITUS	50F	6" SQ	8" x 8"	75	0.03	20	6"Ø / 8"x6"
RB / EB	TITUS	50F	8" SQ	10" x 10"	200	0.03	20	8"Ø / 10"x6"
RC / EC	TITUS	50F	10" SQ	12" x 12"	300	0.03	20	10"Ø / 12"x8"
RD / ED	TITUS	50F	12" SQ	14" x 14"	500	0.03	20	12"Ø / 14"x8"
RE / EE	TITUS	50F	14" SQ	18" x 18"	700	0.03	20	14"Ø / 16"x8"
RF / EF	TITUS	50F	18" SQ	20" x 20"	1200	0.03	20	16"Ø / 24"x10"
RG / EG	TITUS	50F	22" SQ	24" x 24"	1800	0.03	20	18"Ø / 24"x12"

COMMENTS:  
 1. CONTRACTOR HAS OPTION OF USING 24" X 24" PANEL FOR MOUNTING IN ACOUSTICAL TILE CEILING.  
 2. USE DUCT SPIN-IN FITTING AND MANUAL VOLUME DAMPER EQUAL TO GENFLEX MODEL SM-2DEL FOR ROUND DUCT AND STANDARD SIDE TAKE OFF WITH MANUAL VOLUME DAMPER FOR RECTANGULAR RUN-OUTS.  
 3. PROVIDE OPPOSED BLADE CONTROL AT FACE OF REGISTER WHERE DAMPER IS NOT ACCESSIBLE.

HEAT PUMP SPLIT SYSTEM SCHEDULE - AIR HANDLER															
Mark	BASED ON MANUFACTURER MODEL	ENTERING AIR TEMP		TOTAL CFM	OA CFM	E.S.P. (IN W.C.)	MOTOR HP	ELECTRICAL SERVICE				ELECTRIC HEATER		Comments	
		DB °F	WB °F					VOLT	HZ	PHASE	MCA	MOP	TOTAL KW		NO. STEPS
AH-1	TRANE TEM4D06A	80	67	2000	400	0.50	0.75	208	60	1	52	60	7.20	1	1, 2, 3
AH-2	TRANE TEM4D06A	80	67	2000	400	0.50	0.75	208	60	1	52	60	7.20	1	1, 2, 3
AH-3	TRANE TEM6D04A	80	67	1000	150	0.50	0.50	208	60	1	40	40	5.76	1	1, 2, 3

COMMENTS:  
 1. EXTERNAL FILTER RACK.  
 2. UNIT MOUNTED DISCONNECT.  
 3. INSTALL NEEDLEPOINT BIPOLAR IONIZER EQUAL TO PLASMA AIR MODEL 603 (OR EQUAL) AT FAN INLET.

HEAT PUMP CONDENSING UNIT SCHEDULE														
MARK	BASED ON MANUFACTURER MODEL	SYSTEM SERVED	OUTDOOR AIR (°F)	COOLING CAPACITY		HEATING MBH (47 °F)	ELECTRICAL SERVICE				COMPRESSOR RLA	CONDENSER FLA	COMMENTS	
				TOTAL (MBH)	SENSIBLE (MBH)		VOLT	HZ	PHASE	MCA				MOP
HP-1	TRANE 5TWR5060A1	AH-1	95	56.90	43.60	53.50	208	60	3	33	50	22.3	2.8	1, 2, 3
HP-2	TRANE 5TWR5060A1	AH-2	95	56.90	43.60	53.50	208	60	3	33	50	22.3	2.8	1, 2, 3
HP-3	TRANE 5TWR5030A1	AH-3	95	29.00	22.70	25.40	208	60	1	16	25	10.4	0.64	1, 2, 3

COMMENTS:  
 1. R-454B REFRIGERANT.  
 2. ANTI-SHORT CYCLE TIMER.  
 3. HAIL GUARDS.

EXHAUST FAN SCHEDULE																				
MARK	MODEL	MANUFACTURER	TYPE	SCFM @ 70°F	ESP (IN W.C.)	FAN RPM	MOTOR HP	MOTOR WATTS	MOTOR RPM	ELECTRICAL				DRIVE TYPE	VFD (Y/N)	SCREEN TYPE	GRAVITY DAMPER (Y/N)	INTERLOCK	WEIGHT (LBS)	COMMENTS
										VOLTAGE (V)	PHASE	HZ	FLA (A)							
EF-1	SQ-90-VG	Greenheck	CENTRIFUGAL INLINE	425	0.25	1343	0.10	1725	115	115	1	60	1.38	Direct	N	NONE	Y	AH-1	40	1, 2, 3
EF-2	SQ-90-VG	Greenheck	CENTRIFUGAL INLINE	425	0.25	1343	0.10	1725	115	115	1	60	1.38	Direct	N	NONE	Y	AH-2	40	1, 2, 3
EF-3	SQ-70-VG	Greenheck	CENTRIFUGAL INLINE	75	0.13	956	0.07	1750	115	115	1	60	1.30	Direct	N	NONE	Y	NONE	30	1, 2, 4

COMMENTS:  
 1. EC MOTOR.  
 2. FAN MOUNTED DISCONNECT.  
 3. INTERLOCK WITH RESPECTIVE AIR HANDLER  
 4. ON-OFF SWITCH CONTROL.





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BID SET

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 LEGENDS - ELECTRICAL

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471

DRAWN LVW  
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CONDUIT & WIRING	
SYMBOL	DESCRIPTION
	CONDUIT CONCEALED IN WALL OR CEILING
	CONDUIT CONCEALED IN FLOOR/UNDER SLAB/UNDER GROUND
	HOMERUN CONDUIT
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT
	LIGHT FIXTURE ON CRITICAL BRANCH CIRCUIT
	LIGHT FIXTURE CONN. TO LIFE SAFETY BRANCH
	LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT
	LIGHT FIXTURE ON CRITICAL BRANCH CIRCUIT
	LIGHT FIXTURE CONN. TO LIFE SAFETY BRANCH
	LIGHT FIXTURE ON NORMAL BRANCH CIRCUIT
	LIGHT FIXTURE ON LIFE SAFETY BRANCH CIRCUIT
	LIGHT FIXTURE ON CRITICAL BRANCH CIRCUIT
	LIGHT FIXTURE CONNECTED TO NORMAL BRANCH CIRCUIT
	LIGHT FIXTURE CONNECTED TO CRITICAL BRANCH CIRCUIT
	LIGHT FIXTURE CONNECTED TO LIFE SAFETY BRANCH CIRCUIT
	EXIT LIGHT, CEILING MOUNTED
	EXIT LIGHT, WALL MOUNTED
	TWO HEAD BATTERY POWERED EMERGENCY EGRESS LIGHT
	LIGHTING FIXTURE TYPE DESIGNATION-SEE LIGHTING FIXTURE SCHEDULE
	AREA OR STREET LIGHT FIXTURE
	BOLLARD

LIGHTING CONTROL LEGEND	
SYMBOL	DESCRIPTION
S	SINGLE POLE LIGHT SWITCH (NORMAL/IVORY)
S <sub>3</sub>	THREE-WAY TOGGLE SWITCH (NORMAL/IVORY)
S <sub>D</sub>	UNIVERSAL DIMMER (NORMAL/IVORY)
S <sub>3D</sub>	THREE-WAY UNIVERSAL DIMMER (NORMAL/IVORY)
S <sub>v</sub>	WALL SWITCH VACANCY SENSOR (NORMAL/IVORY)
S <sub>vD</sub>	WALL SWITCH VACANCY SENSOR W/DIMMING (NORMAL/IVORY)
S <sub>vD</sub>	WALL MOUNT LOW-VOLTAGE DIMMER (NORMAL/IVORY)
S <sub>v</sub>	WALL MOUNT LOW-VOLTAGE SWITCH (NORMAL/IVORY)
S	SINGLE POLE TOGGLE SWITCH (EMERGENCY/RED)
S <sub>3</sub>	THREE-WAY TOGGLE SWITCH (EMERGENCY/RED)
S <sub>D</sub>	UNIVERSAL DIMMER (EMERGENCY/RED)
S <sub>3D</sub>	THREE-WAY UNIVERSAL DIMMER (EMERGENCY/RED)
S <sub>v</sub>	WALL SWITCH VACANCY SENSOR (EMERGENCY/RED)
S <sub>vD</sub>	WALL SWITCH VACANCY SENSOR W/DIMMING (EMERGENCY/RED)
S <sub>vD</sub>	WALL MOUNT LOW-VOLTAGE DIMMER (EMERGENCY/RED)
S <sub>v</sub>	WALL MOUNT LOW-VOLTAGE SWITCH (EMERGENCY/RED)
S <sub>SW1</sub>	MOMENTARY WALL SWITCH, LOW VOLTAGE, SWX-801-XX
(C)	CEILING MOUNTED VACANCY SENSOR
(AL)	CEILING MOUNTED DAY-LIGHT SENSOR
(PE)	PHOTOCCELL
(PP)	POWER PACK, 16A, 120/277VAC, AUXILIARY SWITCH INPUT, SWX-900-AX
(ELC-D)	EMERGENCY POWER + 0-10V DIMMING CONTROL, CHASE NIPPLE MOUNTED, SWX-EPC-A-2-D
(C) 202	CEILING SENSOR, PIR, LARGE MOTION 360°, LOW VOLTAGE
(C) 201	CEILING SENSOR, DUAL TECH, SMALL MOTION 360°, LOW VOLTAGE

MISCELLANEOUS	
(MGA)	MEDICAL GAS ALARM
(LPA)	LINE PRESSURE ALARM
(RGA)	REMOTE GENERATOR ANNUNCIATOR
(LCP)	LOCAL CONTROL PANEL
(DPA)	DIFFERENTIAL PRESSURE ALARM
(NCT)	NURSE CALL TERMINAL
(S)	SOLENOID VALVE
(R)	RELAY
(J)	JUNCTION BOX
(LIM)	REMOTE LINE ISOLATION MONITOR WITH MILLIMETER
(R <sub>G</sub> )	REMOTE RECEPTACLE GROUND JACK MODULE (ROOM GROUND POINT) SEE DETAIL
(P <sub>G</sub> )	REMOTE RECEPTACLE GROUND JACK MODULE (PATIENT GROUND POINT) SEE DETAIL
(C)	O.R. CLOCK/TIMER
(T)	SHUNT TRIP EMERGENCY OFF BUTTON

ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ABV	MOUNT ABOVE COUNTER
ABC	ABOVE CEILING
EDF	ELECTRIC DRINKING FOUNTAIN
EX	EXISTING TO REMAIN
FBE	FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR
FBO	FURNISHED BY OTHERS, INSTALLED BY ELECTRICAL CONTRACTOR
TR	TAMPER RESISTANT
UON	UNLESS OTHERWISE NOTED
WP	WEATHER PROOF, NEMA 3R

RECEPTACLE LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HT TO CENTERLINE UON
	SIMPLEX RECEPTACLE, AMPERAGE, VOLTAGE, NEMA CONFIGURATION, AS NOTED	18"
	20A 120V. DUPLEX RECEPTACLE	18"
	20A 120V. DUPLEX RECEPTACLE ABOVE COUNTER	AS SPECIFIED
	20A 120V. QUADRUPLEX RECEPTACLE	18"
	20A 120V. QUADRUPLEX RECEPTACLE ABOVE COUNTER	AS SPECIFIED
	20A 120V. FLOOR BOX WITH (1) DUPLEX RECEPTACLE	
	20A 120V. FLOOR BOX WITH (2) DUPLEX RECEPTACLES	
	PLUGMOLD #3000 WITH HUBBELL 5352 DUPLEX 20A RECEPTACLES 24" ON CENTER	
E	EMERGENCY POWER	
GFI	GROUND FAULT CIRCUIT INTERRUPT	
TV	COORDINATE MOUNTING HEIGHT WITH ARCHITECT/OWNER	
WP	WEATHERPROOF WITH NEMA 3R ENCLOSURE	
IG	ISOLATED GROUND	
IM	RECEPTACLE FOR ICE MAKER	
REF	RECEPTACLE FOR REFRIGERATOR	
CM	RECEPTACLE FOR COFFEE MAKER	
MW	RECEPTACLE FOR MICROWAVE	
WC	RECEPTACLE FOR WARMING CABINET	
P	RECEPTACLE FOR PRINTER	
PM	RECEPTACLE FOR PATIENT MONITOR	
PT	RECEPTACLE FOR PATIENT TRACKER	
CC	RECEPTACLE FOR CRASH CART	
C	RECEPTACLE FOR COPIER	
TR	TAMPER RESISTANT RECEPTACLE	
SW	SWITCHED RECEPTACLE	
U	USB RECEPTACLE	

POWER EQUIPMENT	
SYMBOL	DESCRIPTION
	FACTORY WIRED CONTROLLER OR DISCONNECT CONNECTION, FBO.
	COMBINATION MOTOR STARTER DISCONNECT
	ENCLOSED CIRCUIT BREAKER
	DISCONNECT SWITCH, NON-FUSIBLE
	DISCONNECT SWITCH, FUSIBLE
	MOTOR CONNECTION WITH APPROXIMATE HORSE-POWER SHOWN
	PULL BOX
S <sub>T</sub>	THERMAL MOTOR SWITCH (NORMAL)
S <sub>TWP</sub>	THERMAL MOTOR SWITCH, WEATHERPROOF (NORMAL)
\$ <sub>T</sub>	THERMAL MOTOR SWITCH (EMERGENCY)
\$ <sub>TWP</sub>	THERMAL MOTOR SWITCH, WEATHERPROOF (EMERGENCY)

FIRE ALARM LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HT TO CENTERLINE UON
(L)	FLASHING LIGHT	80"
(L)	CHIME/FLASHING LIGHT COMBINATION	80"
(L)	FLASHING LIGHT/HORN SIGNAL STATION	80"
(L)	FLASHING LIGHT SPEAKER SIGNAL STATION	80"
(F)	MANUAL PULL STATION	46"
(SD)	SMOKE DETECTOR	CEILING
(SD)	SMOKE DETECTOR WITH SOUNDER BASE	CEILING
(DSD)	DUCT-SMOKE DETECTOR (DAMPER) OR (EXHAUST)	
(HD)	AUTOMATIC HEAT DETECTOR (RATE OF RISE TYPE)	
(SDE)	SYSTEM CONNECTED SMOKE DETECTOR FOR FIREMAN'S RECALL	CEILING
(SD)	FIRE SMOKE DAMPER	18"
(DH)	SMOKE DOOR HOLDER	6'-0"
(TS)	TAMPER SWITCH	
(FL)	FLOW SWITCH	CEILING
(PS)	PRESSURE SWITCH	CEILING
(M)	CARBON MONOXIDE DETECTOR	CEILING
(PIV)	POST INDICATOR VALVE	
(DDC)	DOUBLE DETECTOR CHECK VALVE	
(FACP)	FIRE ALARM CONTROL PANEL	
(ISI)	INTERIOR SYSTEM INTERFACE	
(FAXP)	FIRE ALARM EXPANDER	
(FAA)	REMOTE ANNUNCIATOR	
(FJ)	FIREFIGHTER'S PHONE JACK	46"
(L)	WATER PROOF FLASHING LIGHT SPEAKER SIGNAL STATION	80"

- SYMBOLS GENERAL NOTES:
- ALL MOUNTING HEIGHTS GIVEN IN THE LEGEND, SCHEDULES, PLANS, AND DRAWING NOTES ARE TO THE CENTERLINE OF THE DEVICE, UNLESS OTHERWISE NOTED.
  - INSTALL ALL SWITCHES AT A CENTERLINE HEIGHT OF 46" A.F.F. UNLESS OTHERWISE NOTED. WHERE SWITCHES OR RECEPTACLES ARE MOUNTED ABOVE CASEWORK OR MILLWORK, LOCATE AT A HEIGHT OF 3'-8" MAX. ABOVE FINISH FLOOR OR 3" ABOVE BACKSPASH TO CENTERLINE.
  - WHERE COVERPLATES CONFLICT WITH CASEWORK OR MILLWORK, SLIGHTLY ADJUST THE MOUNTING HEIGHTS OF THE WIRING DEVICES TO MAKE THE COVERPLATES CLEAR THE COUNTERTOP OR BACKSPASH BY 1".
  - ADDITIONAL SYMBOLS MAY BE SHOWN OR DENOTED ON OTHER SHEETS.
  - ALL SYMBOLS, NOTES, AND ABBREVIATIONS SHOWN ON THE LEGEND ARE NOT NECESSARILY USED IN THIS SET OF CONTRACT DOCUMENTS.
  - NUMERICAL SUBSCRIPT ADJACENT TO DEVICE FIXTURE, EQUIPMENT OR JUNCTION BOX SYMBOL ON THE DRAWINGS DENOTES THE PANELBOARD CIRCUIT NUMBER TO WHICH DEVICE, FIXTURE, EQUIPMENT OR WIRING IN JUNCTION BOX IS CONNECTED.

VOICE/DATA CABLING LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HT TO CENTERLINE UON
(K)	DATA ONLY OUTLET WITH 2 CATEGORY 6 CABLES	18"
	VOICE/DATA OUTLET WITH 1 VOICE AND 1 DATA CATEGORY 6 CABLES	18"
	VOICE ONLY OUTLET WITH 2 VOICE CATEGORY 6 CABLES	18"
	ABOVE COUNTER DATA ONLY OUTLET WITH 2 CATEGORY 6 CABLES	6"ABC OR 46"AFF
	ABOVE COUNTER VOICE/DATA OUTLET W/ 1 VOICE & 1 DATA CATEGORY 6 CABLES	6"ABC OR 46"AFF
	ABOVE COUNTER VOICE ONLY OUTLET WITH 2 VOICE CATEGORY 6 CABLES	6"ABC OR 46"AFF
(PM)	CABLE(S) INTENDED FOR USE BY PATIENT MONITORING SYSTEM	
(MDS)	CABLE(S) INTENDED FOR USE BY AUTOMATED MEDICATION DISPENSER	
E	VOICE ONLY WALL PHONE OUTLET	46"
	AIRPHONE MONITOR STATION WITH VIDEO MONITOR AND DOOR RELEASE	18"
	AIRPHONE CALL BOX WITH VIDEO AND DOOR RELEASE	
(TV)	TV BACKBOX - DOUBLE GANG, 1" CONDUIT STUBBED ABOVE CEILING	AS SPECIFIED

ACCESS CONTROL SYSTEM	
(ES)	ELECTRIC DOOR STRIKE
(CR)	ACCESS CONTROL CARD READER (SEE SPECIFICATIONS)
(KP)	ACCESS CONTROL KEYPAD (SEE SPECIFICATIONS)
(PB)	PUSH BUTTON DOOR OPENER
(DD)	ACCESS CONTROL DOOR PUSH PLATE
(DC)	DOOR CONTACT
(CS)	CEILING PAGING SPEAKER
(CIS)	CEILING INTERCOM PAGING SPEAKER
(EB)	EMERGENCY BUILDING LOCKDOWN BUTTON
(EP)	ELECTRIC PANIC DEVICE
(DS)	DOOR POSITION SWITCH
(RE)	REQUEST TO EXIT

SHEET LIST - ELECTRICAL			
Sheet Number	Sheet Name	Drawn By	Checked By
E0.1	LEGENDS - ELECTRICAL	LWW	CAB
E0.2	DEMOLITION SITE PLAN - BUILDING 1471 - ELECTRICAL	LWW	CAB
E0.3	SITE PLAN - BUILDING 1471 - ELECTRICAL	LWW	CAB
E0.0	OVERALL DEMOLITION FLOOR PLAN - ELECTRICAL	LWW	CAB
E1.0	OVERALL FLOOR PLAN - ELECTRICAL	LWW	CAB
E1.1	ENLARGED FLOOR PLAN - EAST - LIGHTING	LWW	CAB
E1.2	ENLARGED FLOOR PLAN - WEST - LIGHTING	LWW	CAB
E2.1	ENLARGED FLOOR PLAN - EAST - POWER	LWW	CAB
E2.2	ENLARGED FLOOR PLAN - WEST - POWER	LWW	CAB
E3.1	ENLARGED FLOOR PLAN - EAST - SYSTEMS	LWW	CAB
E3.2	ENLARGED FLOOR PLAN - WEST - SYSTEMS	LWW	CAB
E4.1	DETAILS - ELECTRICAL	LWW	CAB
E5.1	SCHEDULES - ELECTRICAL	LWW	CAB

**KEYED NOTES:**

1. DEMO EXISTING OVERHEAD ELECTRICAL SERVICE.

**LEGEND**

- CONTROL POINT
- SPK "PK" NAIL
- CP CONTROL POINT
- RCP REINFORCED CONCRETE PIPE
- CPP CORRUGATED PLASTIC PIPE
- ⊕ CAMP SIGN
- ⊕ BENCHMARK
- ⊕ UTILITY POLE
- FBO FIBER OPTIC BOX
- COMMUNICATION MANHOLE
- △ TELEPHONE PEDESTAL
- WM WATER METER
- ⊕ FIRE HYDRANT
- ⊕ WW WATER VALVE
- ⊕ SCW SEWER CLEAN-OUT
- ⊕ SM SEWER MANHOLE
- 103 — EXISTING GROUND CONTOUR
- s — s — ABANDONED SEWER LINE LOCATED IN FIELD
- 8" — 8" SEWER LINE LOCATED IN FIELD
- ss — ss — SANITARY SEWER LINE LOCATED IN FIELD
- — GAS LINE LOCATED IN FIELD
- — FIBER OPTIC LINE LOCATED IN FIELD
- — OVERHEAD POWER LINE
- — FIBER OPTIC LINE AS PER PLANS
- 2" — 2" WATER LINE
- 3" — 3" WATER LINE
- 6" — 6" WATER LINE
- — DEMOLITION ITEMS
- — CONSTRUCTION LIMITS
- — SILT FENCE

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BID SET

SHEET TITLE:  
 DEMOLITION SITE PLAN - BUILDING 1471 - ELECTRICAL

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

DRAWN **LVW**  
 CHECKED **CAB**

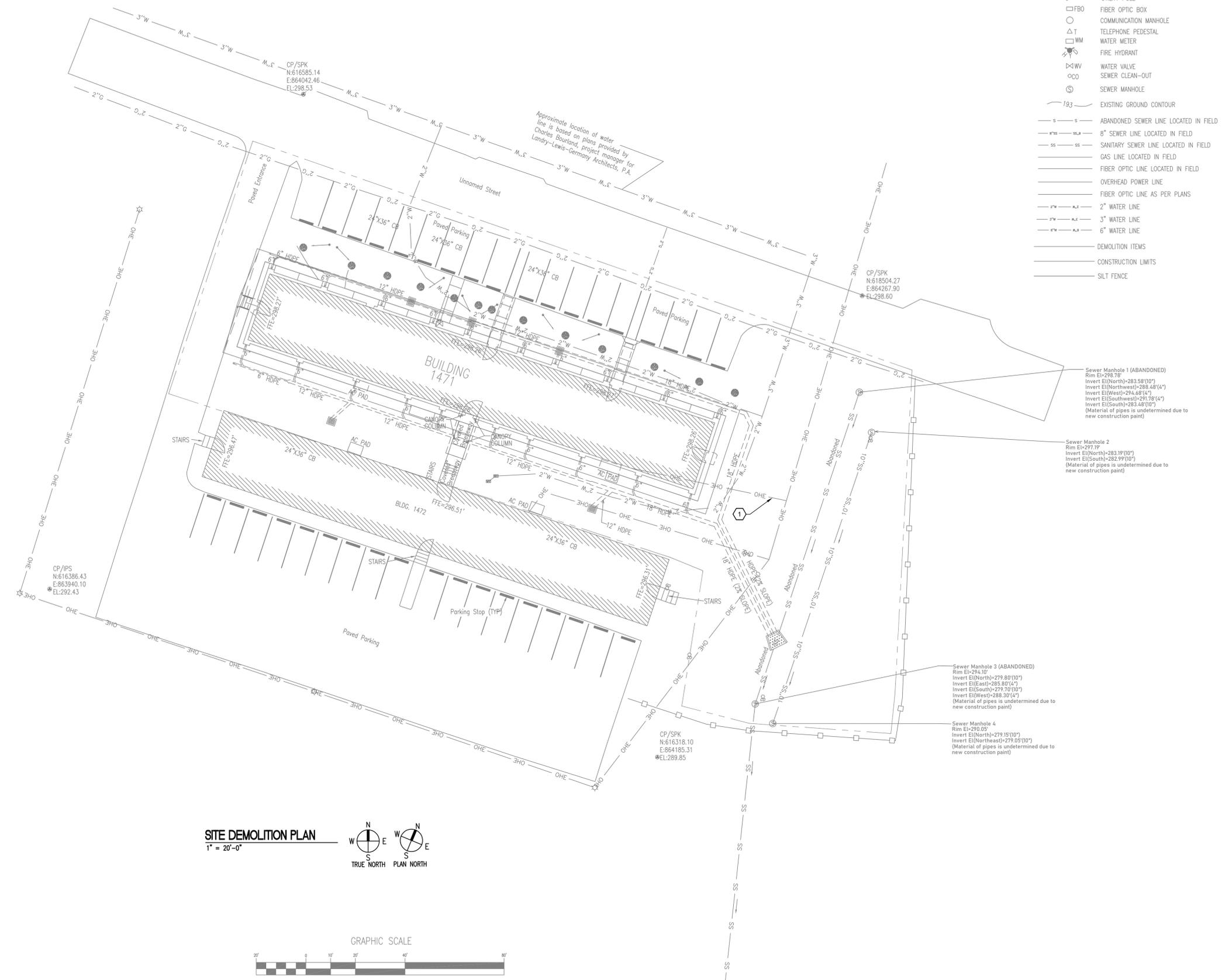
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**FEB. 18, 2026**

REVISION SCHEDULE

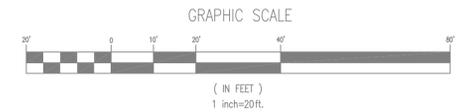
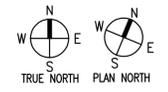
REV # REV DATE

CN# 25-4137  
 SHEET NUMBER

**E0.2**



**SITE DEMOLITION PLAN**  
 1" = 20'-0"

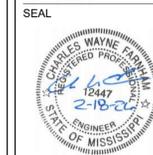




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PN: 28250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

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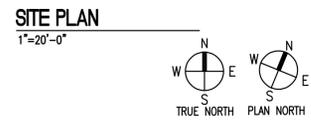
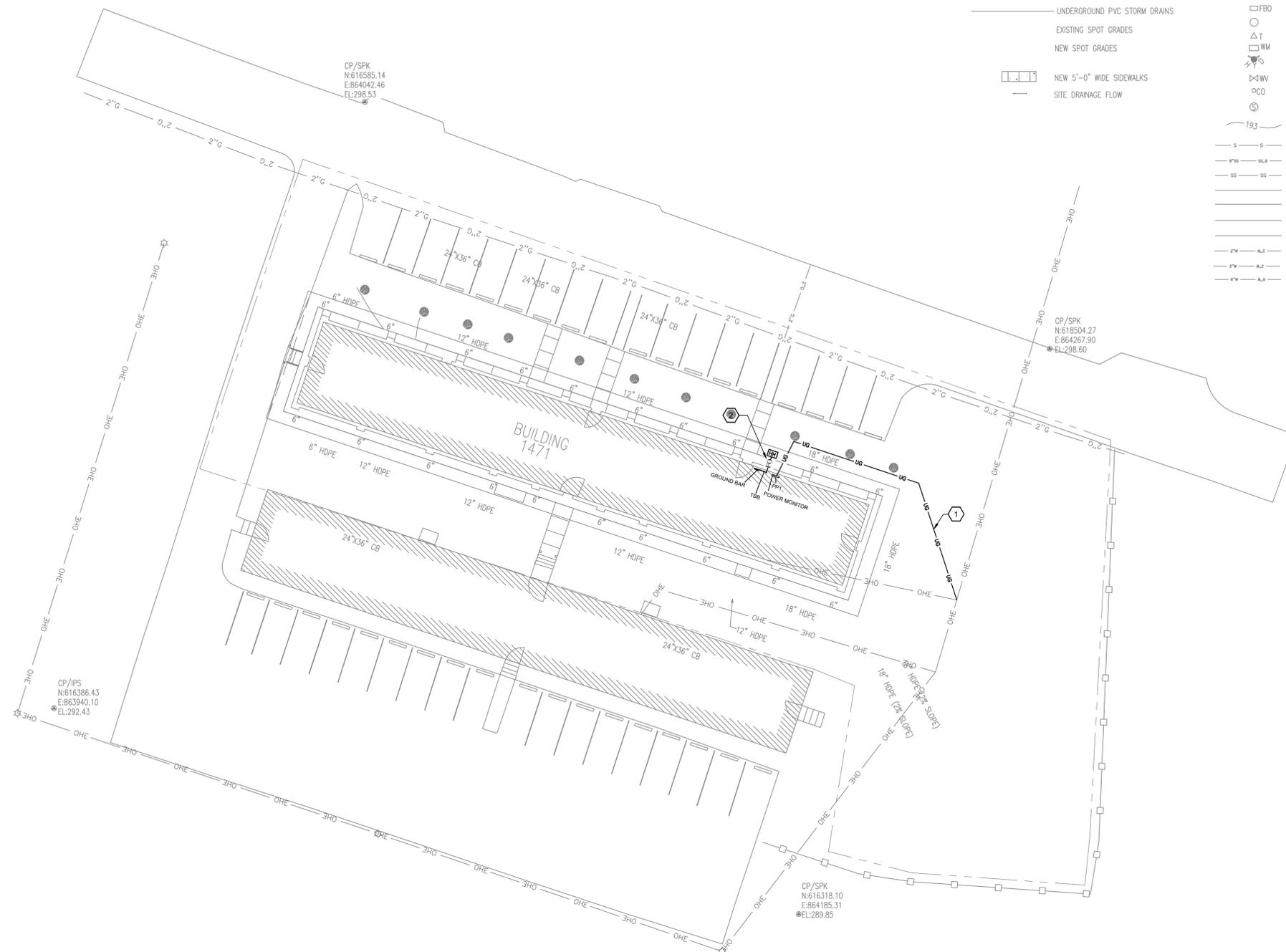
CN# 25-4137

SHEET NUMBER

**E0.3**

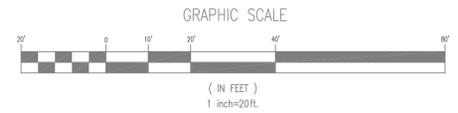
**LEGEND**

- |  |                                       |  |                          |
|--|---------------------------------------|--|--------------------------|
|  | DEMOLITION ITEMS                      |  | CONTROL POINT            |
|  | CONSTRUCTION LIMITS                   |  | "PK" NAIL                |
|  | SILT FENCE                            |  | CONTROL POINT            |
|  | NEW CONTOURS                          |  | REINFORCED CONCRETE PIPE |
|  | EXISTING CONTOURS TO REMAIN           |  | CORRUGATED PLASTIC PIPE  |
|  | OLD CONTOURS                          |  | CAMP SIGN                |
|  | UNDERGROUND PVC STORM DRAINS          |  | BENCHMARK                |
|  | EXISTING SPOT GRADES                  |  | UTILITY POLE             |
|  | NEW SPOT GRADES                       |  | FIBER OPTIC BOX          |
|  | NEW 5'-0" WIDE SIDEWALKS              |  | COMMUNICATION MANHOLE    |
|  | SITE DRAINAGE FLOW                    |  | TELEPHONE PEDESTAL       |
|  |                                       |  | WATER METER              |
|  |                                       |  | FIRE HYDRANT             |
|  |                                       |  | WATER VALVE              |
|  |                                       |  | SEWER CLEAN-OUT          |
|  |                                       |  | SEWER MANHOLE            |
|  |                                       |  | EXISTING GROUND CONTOUR  |
|  | ABANDONED SEWER LINE LOCATED IN FIELD |  |                          |
|  | 8" SEWER LINE LOCATED IN FIELD        |  |                          |
|  | SANITARY SEWER LINE LOCATED IN FIELD  |  |                          |
|  | GAS LINE LOCATED IN FIELD             |  |                          |
|  | FIBER OPTIC LINE LOCATED IN FIELD     |  |                          |
|  | OVERHEAD POWER LINE                   |  |                          |
|  | FIBER OPTIC LINE AS PER PLANS         |  |                          |
|  | 2" WATER LINE                         |  |                          |
|  | 3" WATER LINE                         |  |                          |
|  | 6" WATER LINE                         |  |                          |



**KEYED NOTES:**

- NEW UNDERGROUND SERVICE FEEDERS.
- TWO NEW 3" CONDUITS UNDERGROUND / UNDER NEW FOOTING FROM EXISTING HANDHOLE.



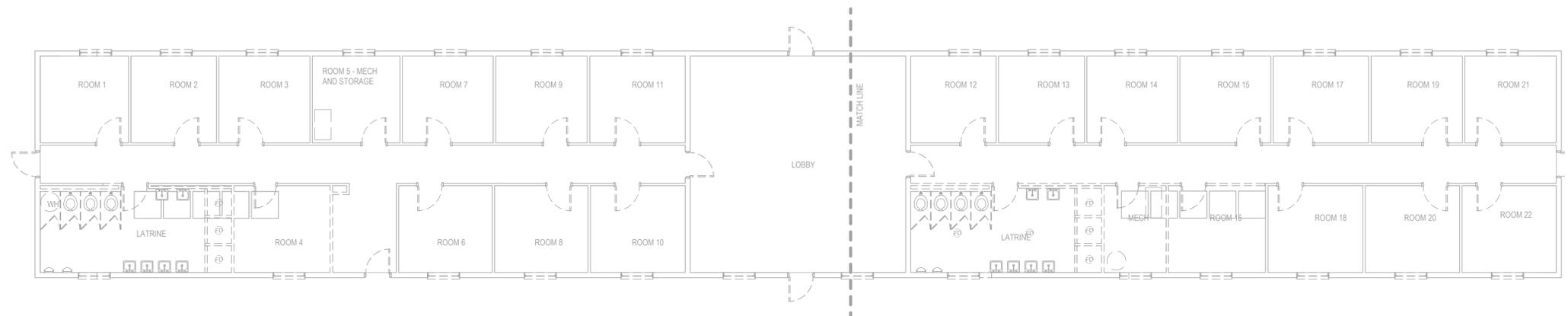


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OVERALL FLOOR DEMO PLAN - ELECTRICAL - - 1  
1/8" = 1'-0"



**GENERAL NOTES:**

A. CONTRACTOR SHALL REMOVE ALL RECEPTACLES AND ASSOCIATED WIRING BACK TO PANEL.

B. CONTRACTOR SHALL REMOVE ALL LIGHTS, SWITCHES AND ASSOCIATED WIRING BACK TO PANEL.

C. CONTRACTOR SHALL REMOVE ALL DATA, FIRE ALARM, AND ASSOCIATED WIRING.

D. CONTRACTOR SHALL REMOVE ALL PANELS AND ASSOCIATED WIRING BACK TO TRANSFORMER.

E. CONTRACTOR SHALL REMOVE ALL WIRING, DISCONNECTS, AND CONDUIT FOR HVAC EQUIPMENT.

F. CONTRACTOR SHALL REMOVE ALL COMMUNICATION CONDUIT ONCE DOIM HAS REMOVED FIBER OPTIC CABLES.

G. CAMP SHELBY SHALL REMOVE ALL COMMUNICATION EQUIPMENT FROM COMM ROOM.

**DEMOLITION NOTES:**

A. CONTRACTOR TO REFER TO ELECTRICAL LEGEND FOR DESCRIPTION OF EXISTING ELECTRICAL ITEMS SHOWN ON DEMOLITION DRAWINGS.

B. CONTRACTOR TO REMOVE ALL EXISTING ELECTRICAL EQUIPMENT FROM EXISTING WALLS BEING REMOVED UNDER THIS CONTRACT. ALL EXISTING CONDUIT AND WIRING FEEDING ELECTRICAL EQUIPMENT TO BE REMOVED OR TERMINATED AS DESCRIBED BELOW:

- CONDUIT FEEDING EQUIPMENT FROM SLAB TO BE CUT OFF BELOW SLAB AND ABANDONED WITH HOLE IN SLAB BEING PATCHED BACK TO MATCH EXISTING.
- CONDUIT FEEDING EQUIPMENT FROM ABOVE DROPPED CEILING TO BE DISCONNECTED AND REMOVED BACK TO SOURCE. DAMAGE TO CEILINGS TO BE REPLACED OR REPAIRED TO MATCH EXISTING.
- CONTRACTOR TO MAINTAIN THE INTEGRITY OF ALL EXISTING FEED-THROUGH CIRCUITRY WHERE EXISTING ELECTRICAL EQUIPMENT HAS BEEN REMOVED FROM MIDPOINT OF CIRCUIT. NEW WIRE TO BE PULLED THE ENTIRETY OF CIRCUIT.

C. EXISTING CIRCUIT BREAKERS FEEDING EXISTING LIGHTING, RECEPTACLES, OR EQUIPMENT, WHERE ENTIRE CIRCUIT HAS BEEN REMOVED, TO BE LABELED "SPARE". REUSE "SPARE" CIRCUIT BREAKERS WHERE NOTED ON DRAWINGS.

D. ALL EXISTING WALLS, CEILINGS, FLOOR SLABS, ETC., BEING CUT OR DAMAGED UNDER THIS CONTRACT TO BE PATCHED BACK TO MATCH EXISTING FINISH AND FIRE PROTECTION RATING.

E. ALL EXISTING LIGHTING FIXTURES BEING RELOCATED TO BE TAKEN DOWN, CLEANED, BALLASTS, LENSES, AND LAMPS REPLACED AS REQUIRED; AND RELOCATED WHERE SHOWN ON LIGHTING PLANS.

F. ALL EXISTING LIGHTING FIXTURES, RECEPTACLES, SWITCHES, ETC., BEING REMOVED AND NOT BEING RELOCATED, TO BE CLEANED AND TURNED OVER TO THE OWNER'S REPRESENTATIVE.

G. CONTRACTOR TO MAINTAIN THE INTEGRITY OF ALL EXISTING CIRCUITRY TO REMAIN.

H. ALL ELECTRICAL EQUIPMENT SHOWN IS FROM ORIGINAL CONTRACT DOCUMENTS AND IS TO BE USED AS GUIDE FOR POSSIBLE EQUIPMENT LOCATIONS. CONTRACTOR TO FIELD VERIFY FOR EXACT LOCATIONS AND QUANTITIES.

SEAL



BID SET

SHEET TITLE:  
OVERALL DEMOLITION FLOOR PLAN - ELECTRICAL

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

DRAWN LVW  
CHECKED CAB

FINAL DATE  
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SHEET NUMBER

ED1.0

PN: 20250013  
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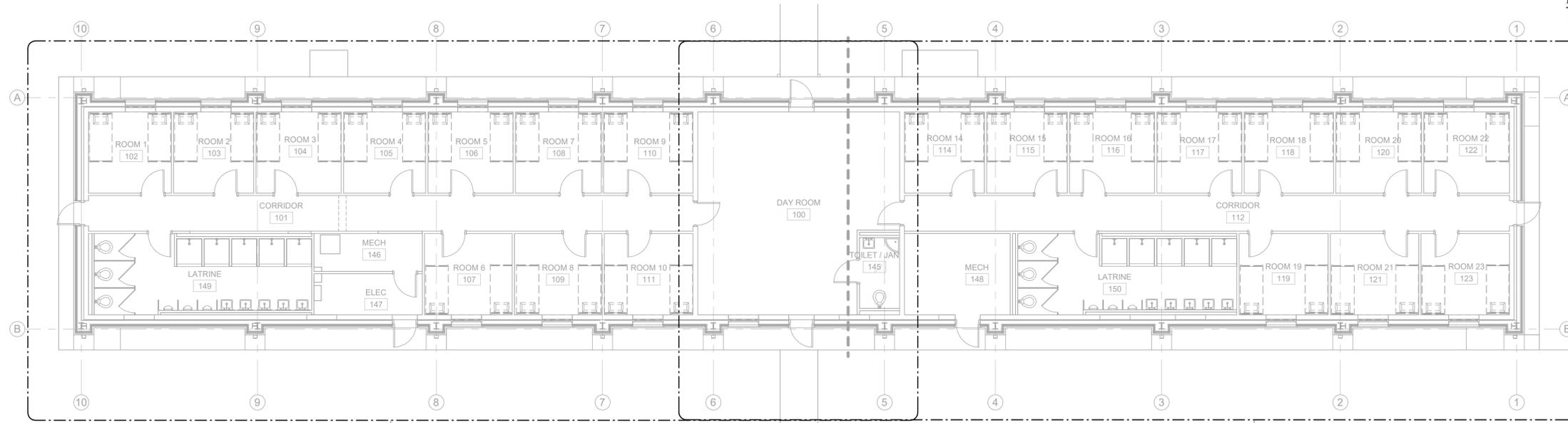


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1  
E1.1

OVERALL FLOOR PLAN - ELECTRICAL - 1  
1/8" = 1'-0"



PLAN  
NORTH



NORTH

1  
E1.2

SHEET TITLE:  
OVERALL FLOOR PLAN - ELECTRICAL

PROJECT:  
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E1.0



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BID SET

SHEET TITLE:  
 ENLARGED FLOOR PLAN - EAST - LIGHTING

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
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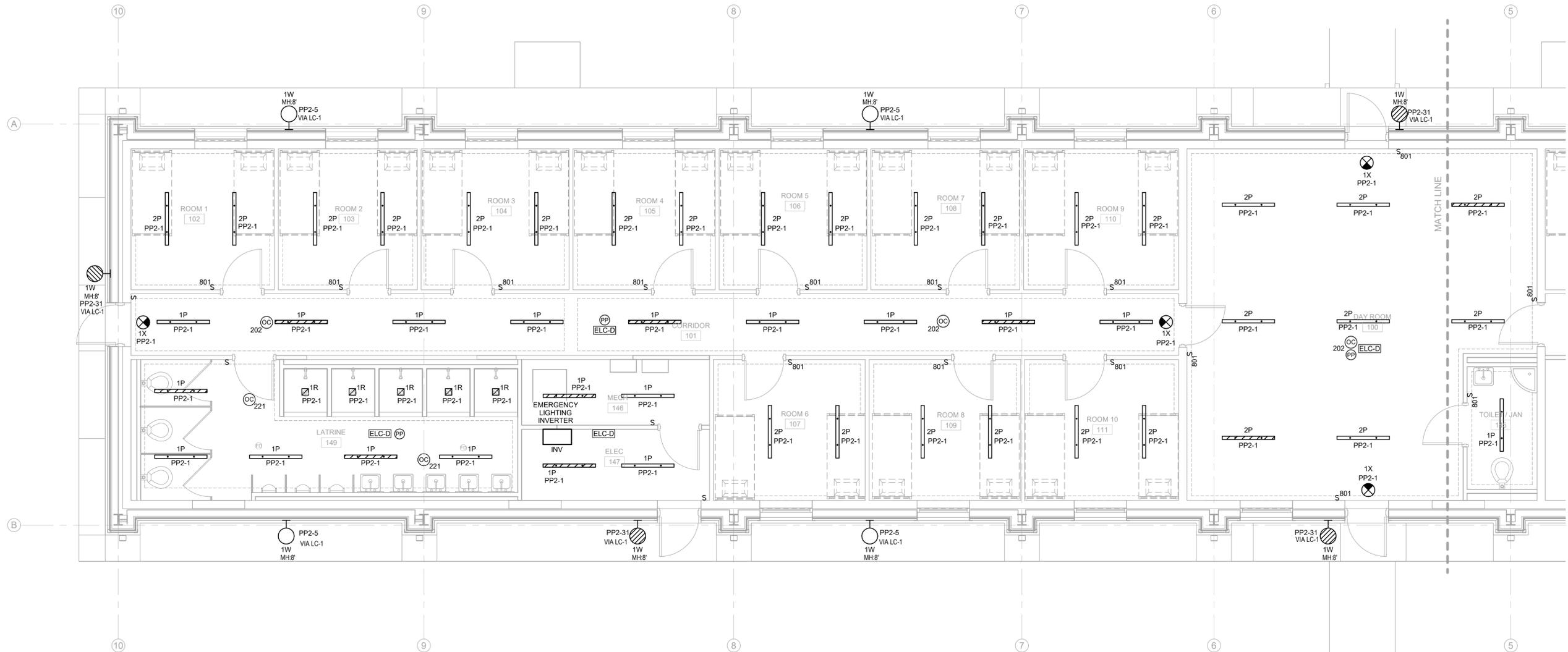
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CN# 25-4137

SHEET NUMBER

**E1.1**



ENLARGED FLOOR PLAN - EAST - LIGHTING - 1  
 1/4" = 1'-0"



- GENERAL NOTES:**
- A. INSTALL 3/4" CONDUIT FROM EACH DATA RECEPTACLE BACK TO THE COMMUNICATION BACKBOARD/DATA RACK.
  - B. CONTRACTOR SHALL PROVIDE AND INSTALL (1) CAT 6 CABLE (BLUE) FROM THE COMMUNICATION RACK TO EACH DATA OUTLET (RJ45 CONNECTION). CABLE SHALL BE ROUTED IN CONDUIT.
  - C. ALL DATA DROPS SHALL BE DUPLEX DROPS.
  - D. REFER TO VOLUME E1.1 FOR SITE UTILITY WORK.
  - E. ALL HOME RUN CONDUIT SHALL BE INSTALLED IN FUR OUTS AT EYES OF BUILDING SO THAT CONDUIT IS CONCEALED.
  - F. ALL LIGHTS TO BE HUNG FROM UNI-STRUT - PAINTED WHITE.



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BID SET

SHEET TITLE:  
ENLARGED FLOOR PLAN - WEST - LIGHTING

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 28250013  
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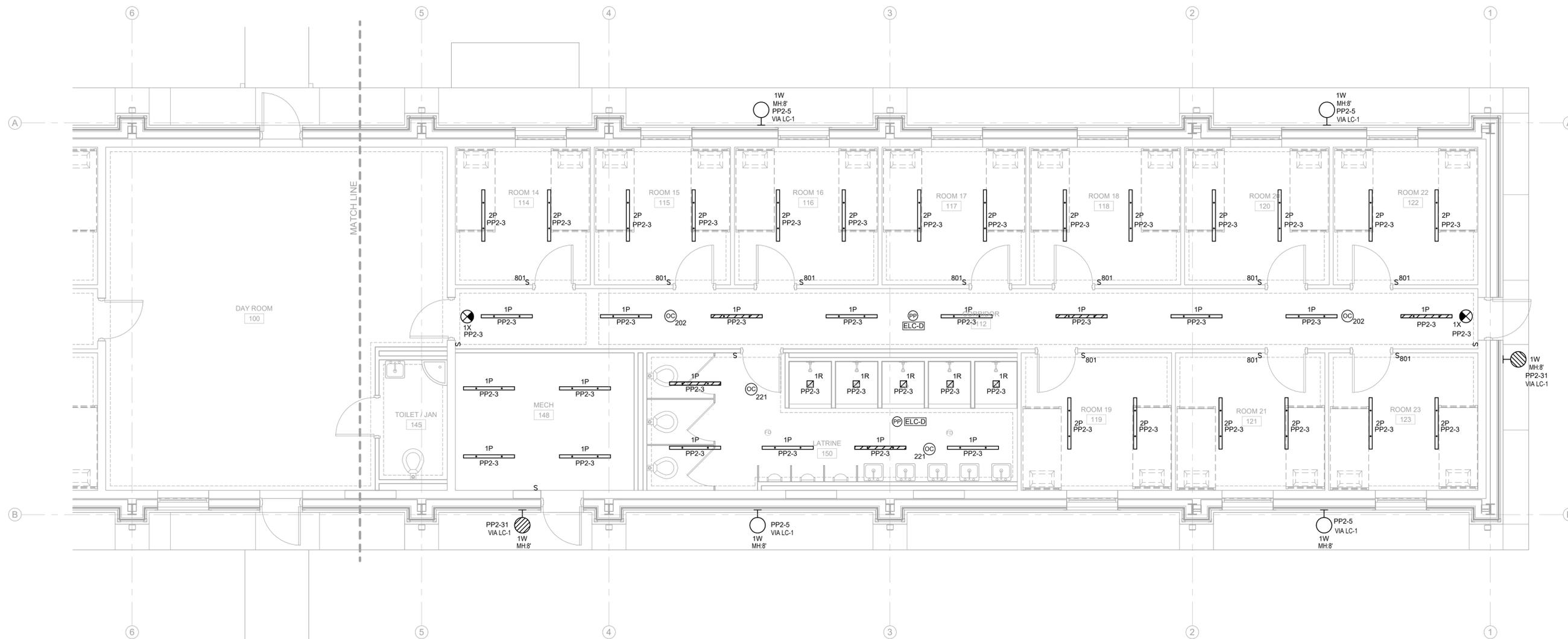
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SHEET NUMBER

E1.2



ENLARGED FLOOR PLAN - WEST - LIGHTING - 1  
1/4" = 1'-0"



- GENERAL NOTES:
- A. INSTALL 3/4" CONDUIT FROM EACH DATA RECEPTACLE BACK TO THE COMMUNICATION BACKBOARD/DATA RACK.
  - B. CONTRACTOR SHALL PROVIDE AND INSTALL (1) CAT 6 CABLE (BLUE) FROM THE COMMUNICATION RACK TO EACH DATA OUTLET (RJ45 CONNECTION). CABLE SHALL BE ROUTED IN CONDUIT.
  - C. ALL DATA DROPS SHALL BE DUPLEX DROPS.
  - D. REFER TO VOLUME E1.1 FOR SITE UTILITY WORK.
  - E. ALL HOME RUN CONDUIT SHALL BE INSTALLED IN FUR OUTS AT EYES OF BUILDING SO THAT CONDUIT IS CONCEALED.
  - F. ALL LIGHTS TO BE HUNG FROM UNI-STRUT - PAINTED WHITE.



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BID SET

SHEET TITLE:  
ENLARGED FLOOR PLAN - EAST - POWER

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 28250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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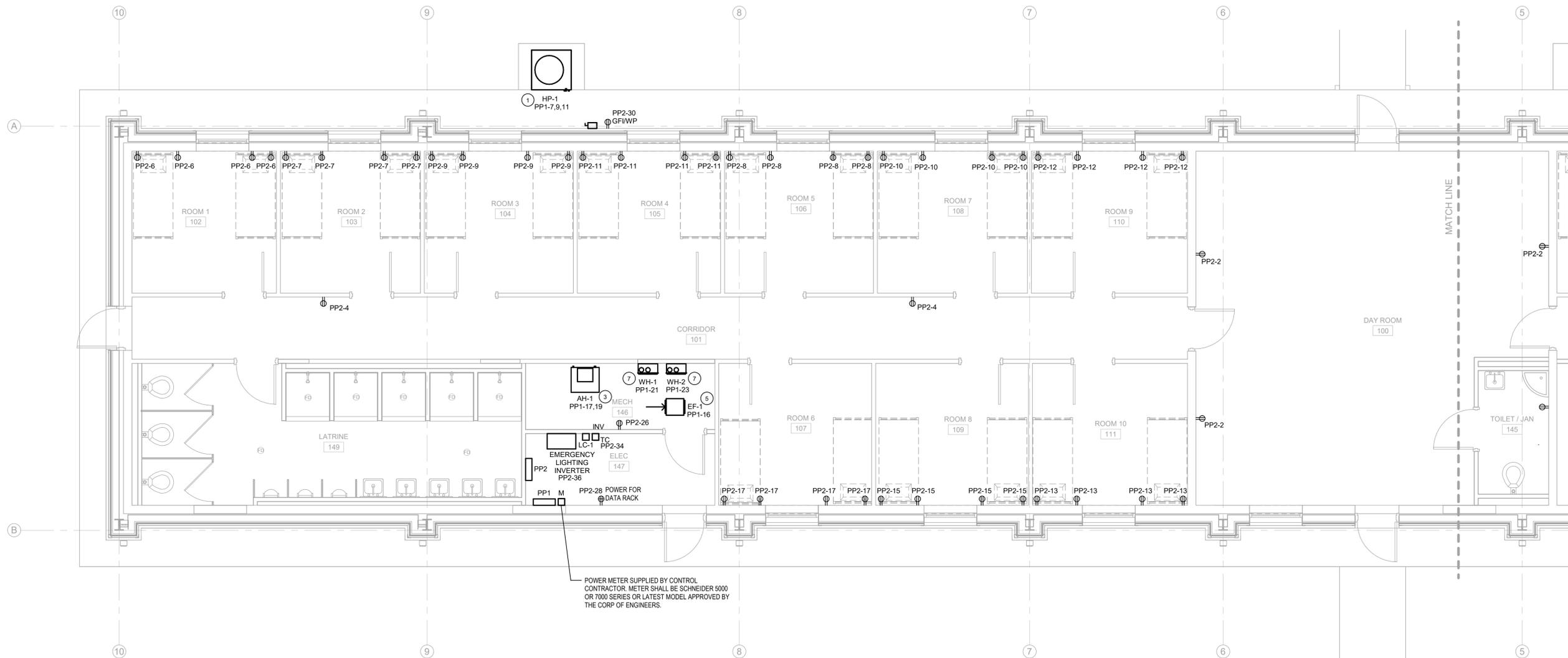
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SHEET NUMBER

E2.1



POWER METER SUPPLIED BY CONTROL CONTRACTOR. METER SHALL BE SCHNEIDER 5000 OR 7000 SERIES OR LATEST MODEL APPROVED BY THE CORP OF ENGINEERS.

ENLARGED FLOOR PLAN - EAST - POWER - 1  
1/4" = 1'-0"



GENERAL NOTES:

- A. ALL RECEPTACLE CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
- B. ALL RECEPTACLES SHALL BE MOUNTED 20" AFF ON CENTER UNLESS OTHERWISE NOTED.
- C. ALL DEVICES AND CONDUITS INSTALLED ON INTERIOR 4" CMU WALLS SHALL BE SURFACE MOUNTED.
- D. ALL NEW DEVICES INSTALLED ON THE INTERIOR SIDE OF BUILDING EXTERIOR WALLS SHALL BE SURFACE MOUNTED. ALL CONDUITS FOR THESE DEVICES SHALL BE CONCEALED INSIDE NEW 6" METAL STUD WALL.
- E. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
- F. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- G. ALL HOME RUN CONDUIT SHALL BE INSTALLED IN FUR OUTS AT EVE'S OF BUILDING SO THAT CONDUIT IS CONCEALED.
- H. POWER MONITOR ACCEPTABLE MANUFACTURERS ARE SCHNEIDER 5580 RS485 ETHERNET OR EQUAL. METER HAS TO BE APPROVED BY THE CORP OF ENGINEERS AND DESIGNER.

KEYED NOTES:

- 1. CONTRACTOR SHALL MOUNT COMMUNICATIONS QUAD RECEPTACLE AT 60" AFF.
- 2. SEE SITE PLAN FOR SERVICE FEEDER CONTINUATION.



**I.C. Thomasson Associates, Inc.**  
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 ICT Project No. 2545-01288-00



**LANDRY  
 KITCHENS  
 GERMANY**  
 ARCHITECTS, P.A.  
 5211 OLD HIGHWAY 11  
 HATTIESBURG, MS 39402  
 601-271-7711

SEAL



BID SET

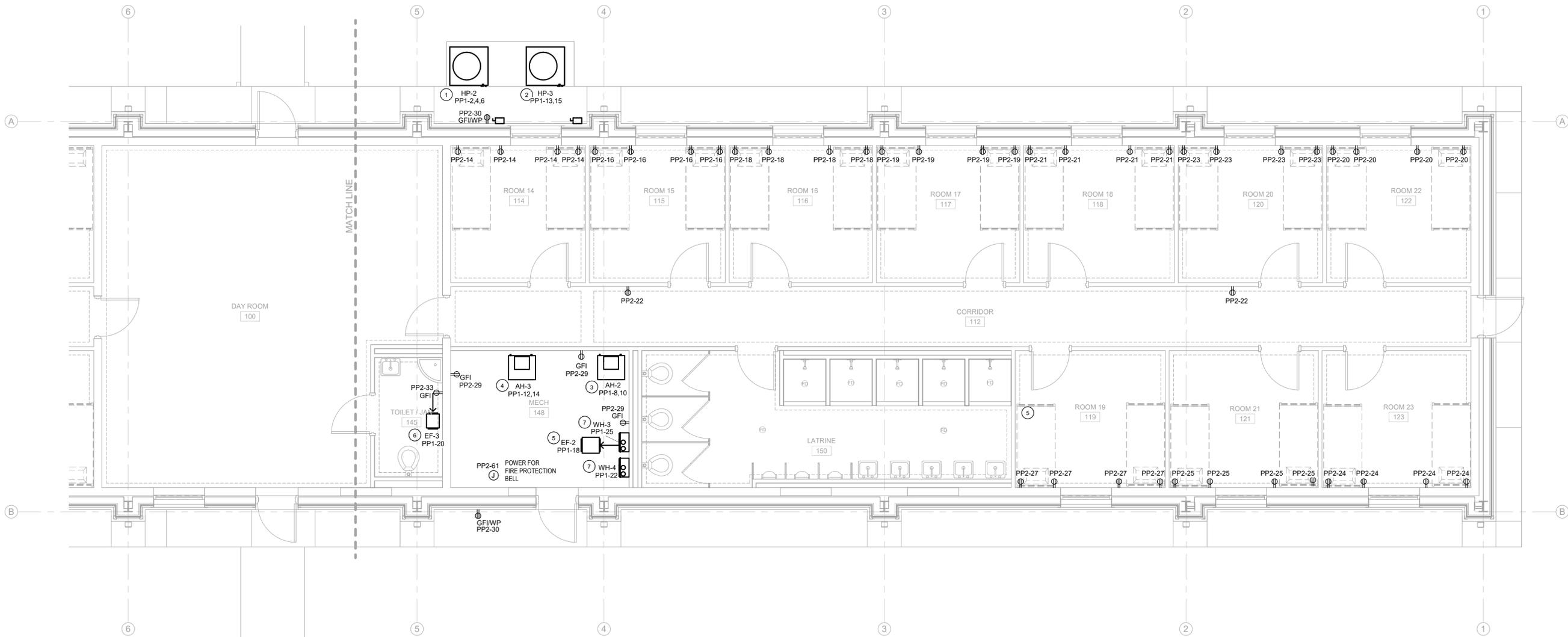
SHEET TITLE:  
 ENLARGED FLOOR PLAN - WEST - POWER

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471  
 P#: 28250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

DRAWN LVW  
 CHECKED CAB  
 FINAL DATE  
 FEB. 18, 2026  
 REVISION SCHEDULE  
 REV # REV DATE

CN# 25-4137  
 SHEET NUMBER

**E2.2**



**GENERAL NOTES:**

- ALL RECEPTACLE CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
- ALL RECEPTACLES SHALL BE MOUNTED 20" AFF ON CENTER UNLESS OTHERWISE NOTED.
- ALL DEVICES AND CONDUITS INSTALLED ON INTERIOR 4" CMU WALLS SHALL BE SURFACE MOUNTED.
- ALL NEW DEVICES INSTALLED ON THE INTERIOR SIDE OF BUILDING EXTERIOR WALLS SHALL BE SURFACE MOUNTED. ALL CONDUITS FOR THESE DEVICES SHALL BE CONCEALED INSIDE NEW 6" METAL STUD WALL.
- ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
- COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- ALL HOME RUN CONDUIT SHALL BE INSTALLED IN FUR OUTS AT EVE'S OF BUILDING SO THAT CONDUIT IS CONCEALED.
- POWER MONITOR ACCEPTABLE MANUFACTURERS ARE SCHNEIDER 5580 RS485 ETHERNET OR EQUAL. METER HAS TO BE APPROVED BY THE CORP OF ENGINEERS AND DESIGNER.

**KEYED NOTES:**

- CONTRACTOR SHALL MOUNT COMMUNICATIONS QUAD RECEPTACLE AT 60" AFF.
- SEE SITE PLAN FOR SERVICE FEEDER CONTINUATION.

**ENLARGED FLOOR PLAN - WEST - POWER - 1**  
 1/4" = 1'-0"





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SHEET TITLE:  
ENLARGED FLOOR PLAN - EAST - SYSTEMS

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
CAMP SHELBY JOINT FORCES TRAINING CENTER  
CAMP SHELBY, MISSISSIPPI

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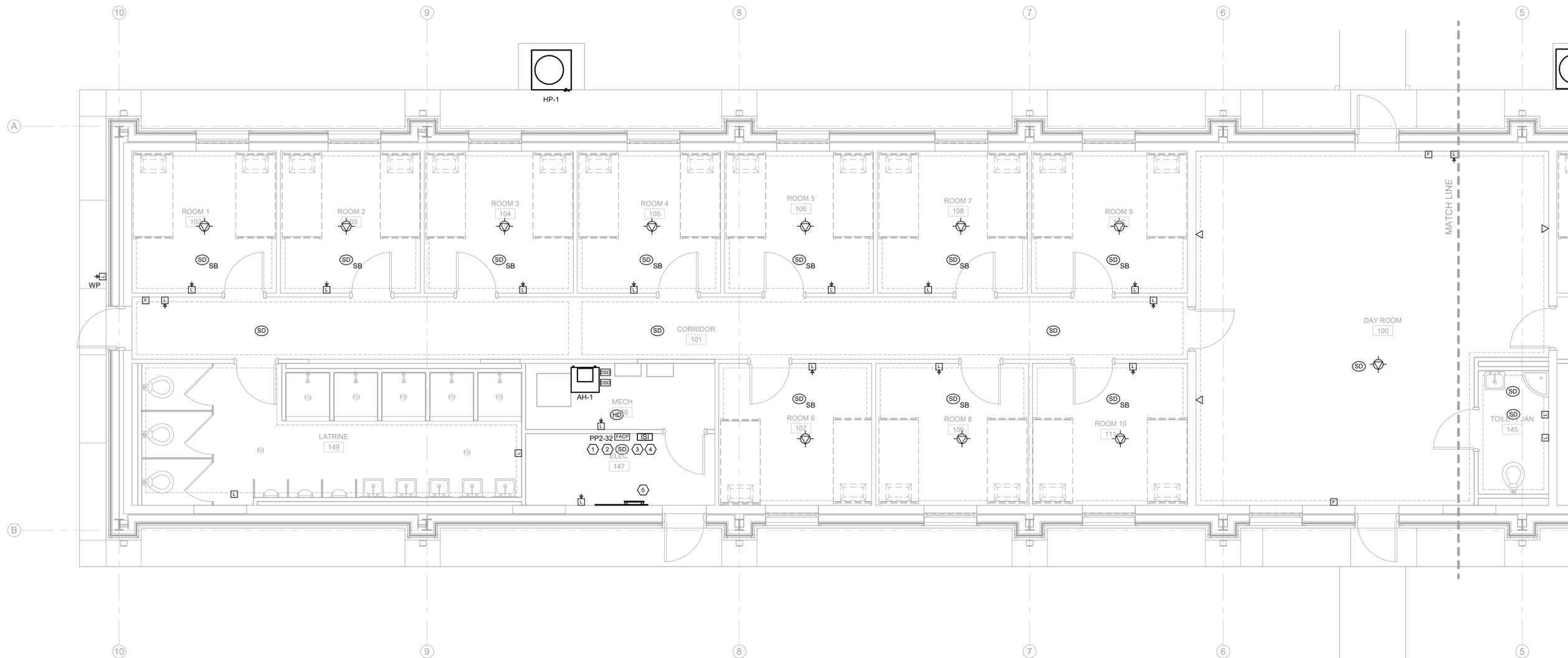
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SHEET NUMBER

E3.1



ENLARGED FLOOR PLAN - EAST - SYSTEMS - 1  
1/4" = 1'-0"



KEYED NOTES:

- CONTRACTOR SHALL PROVIDE AND INSTALL A CAT 6 CABLE ROUTED IN CONDUIT FROM THE FIRE ALARM PANEL TO THE COMMUNICATION RACK.
- CONTRACTOR SHALL PROVIDE AND INSTALL THE FOLLOWING AT THE COMMUNICATION RACK: PANDUIT TWO POST RACK FLOOR MOUNTED, 4SRU WITH THREADED E-RAILS R2P, 48 PORT PATCH PANEL AND CABLE MANAGEMENT.
- PROVIDE (1) 12 STRAND SINGLE MODE FIBER OPTIC CABLE FROM EACH BUILDING TO BUILDING SHOWN ON E1.1. CONTRACTOR SHALL ROUTE A 3" CONDUIT FROM THE COMMUNICATION RACK TO \* ELECTRICAL/MECHANICAL ROOM WHERE SHOWN AND STUB CONDUIT 5FT OUTSIDE BUILDING. REFER TO E1.1 FOR CONTINUATION OF 3" CONDUIT.
- PROVIDE AN INTERIOR SYSTEMS INTERFACE (ISI) AND CONNECT TO FACP FOR INTERFACE INTO MASS NOTIFICATION SYSTEM. PROVIDE ALL NECESSARY CONNECTIONS, INTERFACE AND PROGRAMMING.
- PROVIDE 6 FT. GROUND BAR WITH #6 BARE TO SERVE GROUND.

GENERAL NOTES:

- INSTALL 3/4" CONDUIT FROM EACH DATA RECEPTACLE BACK TO THE COMMUNICATION BACKBOARD/DATA RACK.
- CONTRACTOR SHALL PROVIDE AND INSTALL (1) CAT 6 CABLE (BLUE) FROM THE COMMUNICATION RACK TO EACH DATA OUTLET (RJ45 CONNECTION). CABLE SHALL BE ROUTED IN CONDUIT.
- ALL DATA DROPS SHALL BE DUPLEX DROPS.
- REFER TO VOLUME E1.1 FOR SITE UTILITY WORK.
- ALL HOME RUN CONDUIT SHALL BE INSTALLED IN FUR OUTS AT EYES OF BUILDING SO THAT CONDUIT IS CONCEALED.
- ALL TRENCHING OF EXISTING CONCRETE SLAB SHALL BE REPAIRED. PACK BACK FILL AND POUR MINIMUM FOUR INCHES OF CONCRETE FINISHED TO ORIGINAL SLAB. EXISTING SLAB WILL BE RAISED FIFTEEN INCHES. SEE ARCHITECTURAL SHEETS FOR FINISH SLAB HEIGHT.



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SHEET TITLE:  
 ENLARGED FLOOR PLAN - WEST - SYSTEMS

PROJECT:  
 RESTORATION AND MODERNIZATION OF BUILDING 1471

PN: 20250013  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

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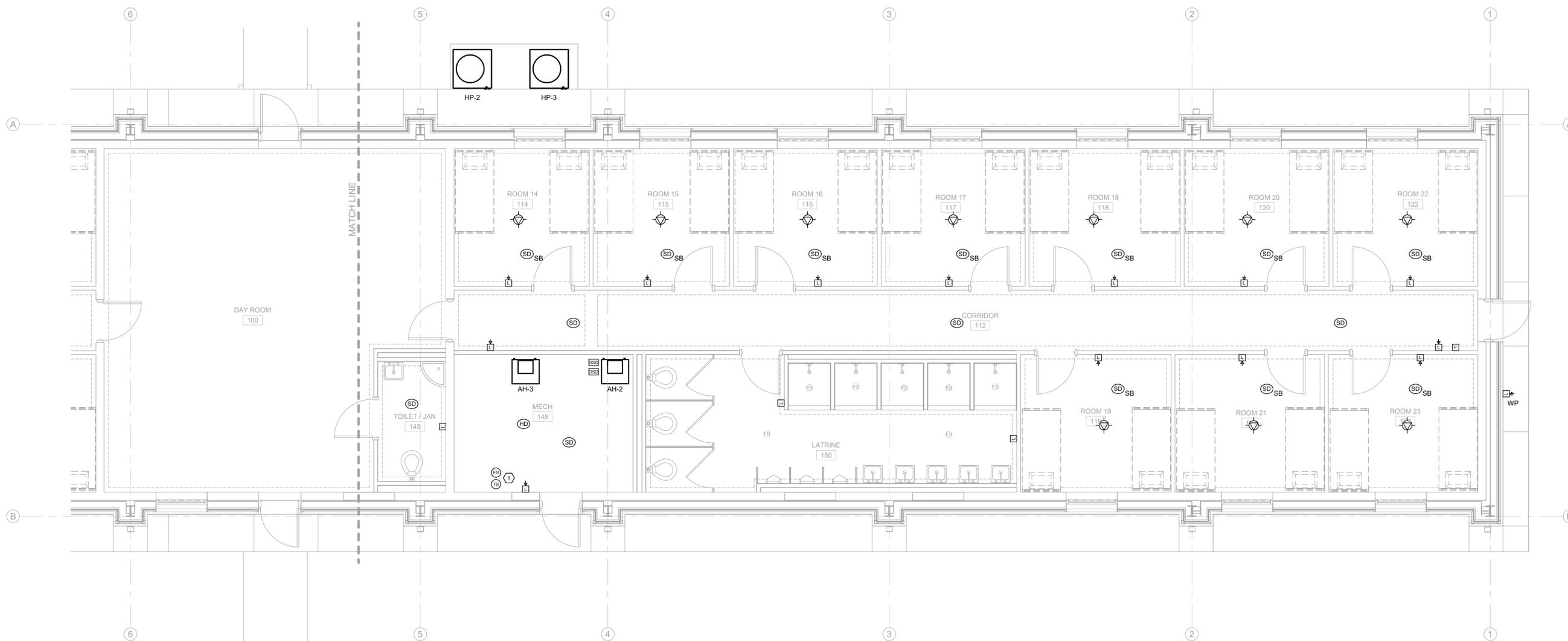
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 REV # REV DATE

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SHEET NUMBER

**E3.2**



**ENLARGED FLOOR PLAN - WEST - SYSTEMS - 1**  
 1/4" = 1'-0"



**KEYED NOTES:** (1)  
 1. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER SYSTEM RISER.

**GENERAL NOTES:**

- INSTALL 3/4" CONDUIT FROM EACH DATA RECEPTACLE BACK TO THE COMMUNICATION BACKBOARD/DATA RACK.
- CONTRACTOR SHALL PROVIDE AND INSTALL (1) CAT 6 CABLE (BLUE) FROM THE COMMUNICATION RACK TO EACH DATA OUTLET (RJ45 CONNECTION). CABLE SHALL BE ROUTED IN CONDUIT.
- ALL DATA DROPS SHALL BE DUPLEX DROPS.
- REFER TO VOLUME E1.1 FOR SITE UTILITY WORK.
- ALL HOME RUN CONDUIT SHALL BE INSTALLED IN FUR OUTS AT EYES OF BUILDING SO THAT CONDUIT IS CONCEALED.
- ALL TRENCHING OF EXISTING CONCRETE SLAB SHALL BE REPAIRED. PACK BACK FILL AND POUR MINIMUM FOUR INCHES OF CONCRETE FINISHED TO ORIGINAL SLAB. EXISTING SLAB WILL BE RAISED FIFTEEN INCHES. SEE ARCHITECTURAL SHEETS FOR FINISH SLAB HEIGHT.



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SEAL



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SHEET TITLE:  
DETAILS - ELECTRICAL

PROJECT:  
RESTORATION AND MODERNIZATION OF BUILDING 1471

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CHECKED CAB

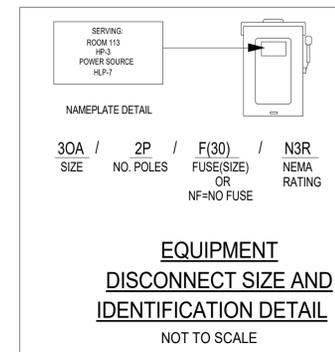
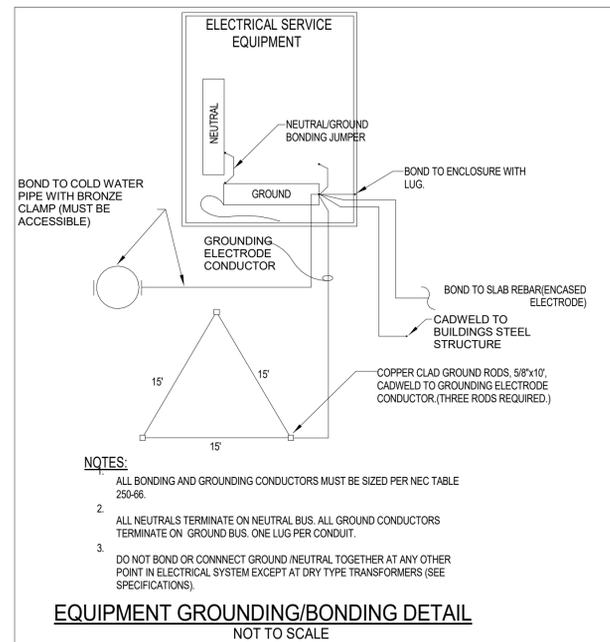
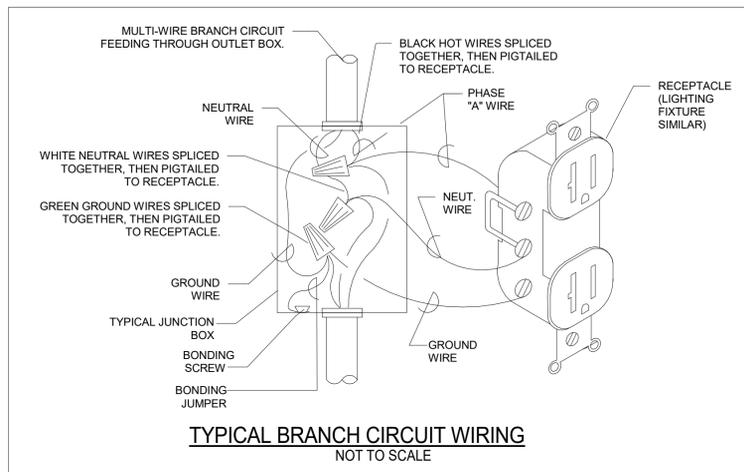
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**E4.1**

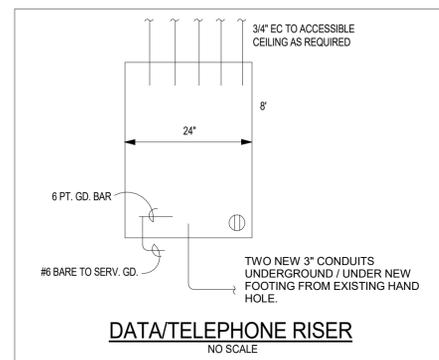
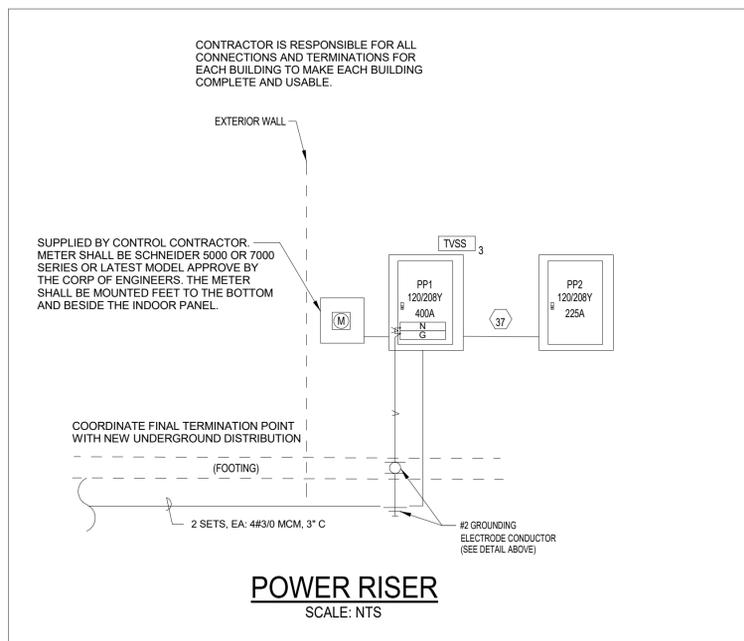


**CONDUIT AND WIRE DESIGNATION SCHEDULE**

WIRE/BKR	DESIG	DESCRIPTION	WIRE/BKR	DESIG	DESCRIPTION
MAX AMPS	#		MAX AMPS	#	
20	1	2#12, 1/2\"C	200	32	2#30, 1#6G, 1-1/2\"C
20	2	2#12, 1#12G, 1/2\"C	200	33	3#30, 1#6G, 2\"C
20	3	3#12, 1#12G, 1/2\"C	200	34	4#30, 1#6G, 2\"C
20	4	4#12, 1#12G, 1/2\"C	230	35	2#40, 1#4G, 1-1/2\"C
30	5	2#10, 1#10G, 3/4\"C	230	36	3#40, 1#4G, 2\"C
30	6	3#10, 1#10G, 3/4\"C	230	37	4#40, 1#4G, 2-1/2\"C
30	7	4#10, 1#10G, 3/4\"C	255	38	3#250MCM, 1#4G, 2\"C
40	8	2#8, 1#10G, 3/4\"C	255	39	4#250MCM, 1#4G, 2-1/2\"C
40	9	3#8, 1#10G, 3/4\"C	285	40	3#300MCM, 1#4G, 2-1/2\"C
40	10	4#8, 1#10G, 3/4\"C	285	41	4#300MCM, 1#4G, 3\"C
55	11	2#6, 1#10G, 3/4\"C	310	42	3#350MCM, 1#3G, 2-1/2\"C
55	12	3#6, 1#10G, 3/4\"C	310	43	4#350MCM, 1#3G, 3\"C
55	13	4#6, 1#10G, 1\"C	380	44	3#500MCM, 1#3G, 3\"C
70	14	2#4, 1#6G, 1\"C	380	45	4#500MCM, 1#3G, 3-1/2\"C
70	15	3#4, 1#6G, 1\"C	460	46	2 SETS, EA: 4#410, 1#2G, 2-1/2\"C
70	16	4#4, 1#6G, 1-1/4\"C	510	47	2 SETS, EA: 4#250MCM, 1#1G, 2-1/2\"C
85	17	2#3, 1#6G, 1\"C	620	48	2 SETS, EA: 4#350MCM, 1#10G, 3\"C
85	18	3#3, 1#6G, 1\"C	760	49	2 SETS, EA: 4#500MCM, 1#10G, 3-1/2\"C
85	19	4#3, 1#6G, 1-1/4\"C	855	50	3 SETS, EA: 4#300MCM, 1#20G, 3\"C
95	20	2#2, 1#6G, 1\"C	930	51	3 SETS, EA: 4#350MCM, 1#20G, 3\"C
95	21	3#2, 1#6G, 1-1/4\"C	1005	52	3 SETS, EA: 4#400MCM, 1#30G, 3\"C
95	22	4#2, 1#4\"C	1140	53	3 SETS, EA: 4#500MCM, 1#30G, 3-1/2\"C
130	23	2#1, 1#6G, 1-1/4\"C	1240	54	4 SETS, EA: 4#350MCM, 1#40G, 3\"C
130	24	3#1, 1#4\"C	1675	55	5 SETS, EA: 4#400MCM, 1#250MCMG, 3\"C
130	25	4#1, 1#6G, 1-1/2\"C	1900	56	5 SETS, EA: 4#500MCM, 1#250MCMG, 3-1/2\"C
150	26	2#10, 1#6G, 1-1/4\"C	2010	57	6 SETS, EA: 4#400MCM, 1#350MCMG, 3-1/2\"C
150	27	3#10, 1#6G, 1-1/2\"C	2280	58	6 SETS, EA: 4#500MCM, 1#350MCMG, 3-1/2\"C
150	28	4#10, 1#6G, 2\"C	2660	59	7 SETS, EA: 4#500MCM, 1#400MCMG, 3-1/2\"C
175	29	2#20, 1#6G, 1-1/2\"C	3040	60	8 SETS, EA: 4#500MCM, 1#500MCMG, 3-1/2\"C
175	30	3#20, 1#6G, 1-1/2\"C	4180	61	11 SETS, EA: 4#500MCM, 1#600MCMG, 3-1/2\"C
175	31	4#20, 1#6G, 2\"C	1520	62	4 SETS, EA: 4#500MCM, 1#250MCM, 3-1/2\"C

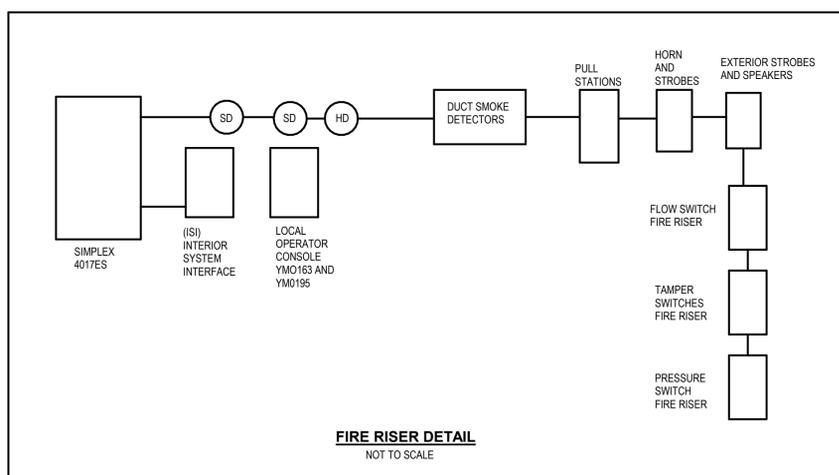
CONDUIT SIZE BASED ON THH/THWN 40% FILL CALCULATION  
 WIRE SIZE BASED ON NEC 110-14C WITH 60°C AMPACITY TABLES FOR 20A THRU 100 AMPS  
 AND 75°C AMPACITY TABLES FOR VALUES > 100 AMPS.

**NOTE!**  
 IN GENERAL, THE ACTUAL BREAKER AMPERAGE SHALL BE EQUAL TO OR NEXT STANDARD SIZE SMALLER THAN THE MAXIMUM WIRE AMPS. EXCEPTIONS SHALL BE MOTOR AND SPECIAL EQUIPMENT BREAKERS WHICH SHALL BE SIZED PER N.E.C. AND VENDOR REQUIREMENTS. OMIT GROUND CONDUCTORS ON SERVICE ENTRANCE FEEDERS (TYPICAL). USE #12 WIRE U.O.N. PRIOR TO ROUGH-IN. CONTRACTOR SHALL COORDINATE BREAKER AND WIRING WITH ACTUAL REQUIREMENTS OF EQUIPMENT BEING FURNISHED FOR THIS SPECIFIC PROJECT.  
 UNLESS NOTED OTHERWISE ALL 20A, 1P, BREAKERS TO UTILIZE #12 CONDUCTORS. EXCEPT WHERE BRANCH CIRCUIT IS IN EXCESS OF 90 LINEAR FEET CONDUCTORS TO BE #10 AND OVER 175 FEET LINEAR FEET CONDUCTORS TO BE #8.



**LEGEND**

SYMBOL	DESCRIPTION
TVSS 1	TRANSIENT VOLTAGE SUPPRESSOR CURRENT TECH. MODEL, TG3-200-240-2G-MN-T-M1-F A 3POLE-80A BREAKER TO BE INCLUDED IN EA. BOARD.
TVSS 2	TRANSIENT VOLTAGE SUPPRESSOR CURRENT TECH. MODEL, TG3-125-240-2G-MN-T-M1-F A 3POLE-80A BREAKER TO BE INCLUDED IN EA. BOARD.
TVSS 3	TRANSIENT VOLTAGE SUPPRESSOR CURRENT TECH. MODEL, TG3-80-240-2G-MN-T-M1-F A 3POLE-80A BREAKER TO BE INCLUDED IN EA. BOARD.



CN# 25-4137

SHEET NUMBER

**E4.1**



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**LANDRY KITCHENS GERMANY ARCHITECTS, P.A.**  
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Lighting Fixture Schedule							
Type Comments	Manufacturer	Model	Lamp	Mounting	Description	Apparent Load	Keynote
1P	METALUX	BAA-4SNX-33SL-LW-UNV-L840-CD1-U	3300 LUMEN, 4000K, 80 CRI	PENDANT	4' SNX FIXTURE	21 VA	
1R	HALO COMMERCIAL	BAALDS4C05D010 BAAEU4C0208IC9040 BAA4LBPS1MW	LED	CEILING	4" SQUARE DOWNLIGHT	6 VA	
1W	LUMARK	BAA-AXCS3A	LED, 4000K, 70 CRI	WALL	3A AXCENT SMALL LED WALLPACK	27 VA	
1X	SURE LITES	BAA-ES7170SRW	LED	UNIVERSAL	EXIT LIGHT	7 VA	
2P	METALUX	BAA-4SNX-45SL-LW-UNV-L840-CD1-U	4500 LUMEN, 4000K, 80CRI	PENDANT	4' SNX FIXTURE	30 VA	
INV	LVS	CEPS-A-1000W-120V			INVERTER	1000 VA	

CAMP SHELBY BUILDING 1471 - POWER CONNECTION SCHEDULE									
MARK	EQUIPMENT	VOLTS	PHASE	LOAD			BRANCH CIRCUIT	DISC. SW/FUSE	REMARKS
				KW	HP	FLA			
①	HP-1, HP-2	208	3			25.1	3#8,1#10G,3/4"C	60A/3P/F50/3R	1,2,3,7
②	HP-3	208	1			11.0	2#10,1#10G,3/4"C	30A/2P/F25/3R	1,2,3,7
③	AH-1, AH-2	208	1	7.2		41.4	2#6,1#10G,3/4"C	DIVISION 23	1,2,4,7,8
④	AH-3	208	1	5.76		32.0	2#8,1#10G,3/4"C	DIVISION 23	1,2,4,7,8
⑤	EF-1, EF-2	120	1		1/10	1.4	2#12,1#12G,3/4"C	DIVISION 23	1,4,7,8,12
⑥	EF-3	120	1		1/7	1.3	2#12,1#12G,3/4"C	DIVISION 23	1,4,7,8,12
⑦	WH-1 THRU WH-4	120	1			1.3	2#12,1#12G,3/4"C	DIVISION 23	1,2,4,7

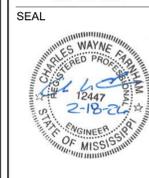
- REMARKS:
- CIRCUIT TO INCLUDE ONE (1) GREEN GROUNDING CONDUCTOR SIZED PER BRANCH CIRCUIT SIZE UNLESS SHOWN TO BE SIZED DIFFERENTLY. ALL CONDUCTORS TYPE THW.
  - DUAL ELEMENT TYPE FUSE AND SWITCH OF PROPER VOLTAGE. IF FUSE SIZE NOT SHOWN, UNIT TO BE UNFUSED.
  - FINAL CONNECTION USING LIQUID TIGHT FLEXIBLE CONDUIT.
  - FINAL CONNECTION USING FLEXIBLE CONDUIT.
  - MOUNT ABOVE CEILING.
  - WALL MOUNTED.
  - VERIFY ALL ELECTRICAL REQUIREMENTS WITH MANUFACTURER'S SHOP DRAWINGS
  - DISCONNECT SWITCH INTEGRAL WITH UNIT.
  - EACH FAN TO BE PROTECTED SEPARATELY.
  - USE RECEPTACLE IN ACCORDANCE WITH NEC TO INSTALL THIS DEVICE.
  - MOUNT DISCONNECT ON SIDE OF UNIT.
  - REFER TO WIRING DEVICES SECTION OF DIVISION 23 SPECS FOR SWITCHING REQUIREMENTS
  - FEED INDOOR UNITS FROM OUTDOOR UNITS.
  - EQUIPMENT CONTROLLED BY VFD, COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR

PANEL SCHEDULE KEYED NOTES:

- LABEL FIRE ALARM CABINET (FACP) CIRCUIT WITH RED IDENTIFYING MARK PER NEC 760 121(B).

Branch Panel: PP1													
Location: ELEC 147				Volts: 120/208 Wye				A.I.C. Rating: 22,000					
Supply From:				Phases: 3				Mains Type: MCB					
Mounting: Surface				Wires: 4				Mains Rating: 400 A					
Enclosure: Type 1								MCB Rating: 400 A					
Notes:													
CKT	Circuit Description	Demand Code	TRIP	P	A	B	C	P	TRIP	Demand Code	Circuit Description	CKT	
PP1-1	PANEL PP2	Other...	225 A	3	8154	3014		3	50 A	HVAC	HP-2	PP1-2	
PP1-3	--	--	--	--	6557	3014		--	--	--	--	PP1-4	
PP1-5	--	--	--	--			7324	3014	--	--	--	PP1-6	
PP1-7	HP-1	HVAC	50 A	3	3014	4306		2	60 A	Heating	AH-2	PP1-8	
PP1-9	--	--	--	--		3014	4306	--	--	--	--	PP1-10	
PP1-11	--	--	--	--			3014	3328	2	40 A	Heating	AH-3	PP1-12
PP1-13	HP-3	HVAC	25 A	2	1989	3328		--	--	--	--	PP1-14	
PP1-15	--	--	--	--	1989	166		1	20 A	Motor	EF-1	PP1-16	
PP1-17	AH-1	Heating	60 A	2			4306	166	1	20 A	Motor	EF-2	PP1-18
PP1-19	--	--	--	--	4306	156		1	20 A	Motor	EF-3	PP1-20	
PP1-21	WH-1	Water...	20 A	1		156	156	1	20 A	Water...	WH-4	PP1-22	
PP1-23	WH-2	Water...	20 A	1			156	0	1	20 A	--	PP1-24	
PP1-25	WH-3	Water...	20 A	1	156	0		1	20 A	--	Spare	PP1-26	
PP1-27	Spare	--	20 A	1		0	0	1	20 A	--	Spare	PP1-28	
PP1-29	Spare	--	20 A	1			0	0	1	20 A	--	PP1-30	
PP1-31	Spare	--	20 A	1	0	0		1	20 A	--	Spare	PP1-32	
PP1-33	Spare	--	20 A	1		0	0	1	20 A	--	Spare	PP1-34	
PP1-35	Spare	--	20 A	1			0	0	1	20 A	--	PP1-36	
PP1-37	Spare	--	20 A	1	0	0		1	20 A	--	Spare	PP1-38	
PP1-39	Spare	--	20 A	1		0	0	1	20 A	--	Spare	PP1-40	
PP1-41	Spare	--	20 A	1			0	0	1	20 A	--	PP1-42	
<b>Total Load:</b>					28413 VA	19352 VA	21307 VA						
<b>Total Amps:</b>					239 A	161 A	180 A						
<b>Legend:</b>													
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals									
HVAC	22062 VA	100.00%	22062 VA										
Lighting	2688 VA	100.00%	2688 VA	<b>Total Conn. Load:</b> 69071 VA									
Motor	487 VA	100.00%	487 VA	<b>Total Est. Demand:</b> 65291 VA									
Other	500 VA	100.00%	500 VA	<b>Total Conn. Current:</b> 192 A									
Power	1000 VA	100.00%	1000 VA	<b>Total Est. Demand Current:</b> 181 A									
Heating	23878 VA	100.00%	23878 VA										
Equipment	500 VA	90.00%	450 VA										
Receptacle	17460 VA	78.64%	13730 VA										
Water Heater	624 VA	100.00%	624 VA										
<b>Notes:</b>													

Branch Panel: PP2													
Location: ELEC 147				Volts: 120/208 Wye				A.I.C. Rating: 22,000					
Supply From: PP1				Phases: 3				Mains Type: MLO					
Mounting: Surface				Wires: 4				Mains Rating: 225 A					
Enclosure: Type 1													
Notes:													
CKT	Circuit Description	Demand Code	TRIP	P	A	B	C	P	TRIP	Demand Code	Circuit Description	CKT	
PP2-1	EAST SIDE - LTS	Lighting	20 A	1	1293	540		1	20 A	Recept...	DAY RM 100 - RECEPS	PP2-2	
PP2-3	WEST SITE - LTS	Lighting	20 A	1		1020	360	1	20 A	Recept...	CORR 101 - RECEPS	PP2-4	
PP2-5	EXT - LTS	Lighting	20 A	1			214	720	1	20 A	Recept...	ROOM 1 - NO 102 - RECEPS	PP2-6
PP2-7	ROOM 2 - NO 103 - RECEPS	Recept...	20 A	1	720	720		1	20 A	Recept...	ROOM 5 - NO 106 - RECEPS	PP2-8	
PP2-9	ROOM 3 - NO 104 - RECEPS	Recept...	20 A	1		720	720	1	20 A	Recept...	ROOM 7 - NO 108 - RECEPS	PP2-10	
PP2-11	ROOM 4 - NO 105 - RECEPS	Recept...	20 A	1			720	720	1	20 A	Recept...	ROOM 9 - NO 110 - RECEPS	PP2-12
PP2-13	ROOM 10 - NO 111 - RECEPS	Recept...	20 A	1	720	720		1	20 A	Recept...	ROOM 14 - NO 114 - RECEPS	PP2-14	
PP2-15	ROOM 8 - NO 109 - RECEPS	Recept...	20 A	1		720	720	1	20 A	Recept...	ROOM 15 - NO 115 - RECEPS	PP2-16	
PP2-17	ROOM 6 - NO 107 - RECEPS	Recept...	20 A	1			720	720	1	20 A	Recept...	ROOM 16 - NO 116 - RECEPS	PP2-18
PP2-19	ROOM 17 - NO 117 - RECEPS	Recept...	20 A	1	720	720		1	20 A	Recept...	ROOM 22 - NO 122 - RECEPS	PP2-20	
PP2-21	ROOM 18 - NO 118 - RECEPS	Recept...	20 A	1		720	360	1	20 A	Recept...	CORR 112 - RECEPS	PP2-22	
PP2-23	ROOM 20 - NO 120 - RECEPS	Recept...	20 A	1			720	720	1	20 A	Recept...	ROOM 23 - NO 123 - RECEPS	PP2-24
PP2-25	ROOM 21 - NO 121 - RECEPS	Recept...	20 A	1	720	180		1	225 A	Recept...	MECH 146 - RECAP	PP2-26	
PP2-27	ROOM 19 - NO 119 - RECEPS	Recept...	20 A	1		720	360	1	20 A	Recept...	ELEC 147 - DATA RACK	PP2-28	
PP2-29	MECH 148 - RECEPS	Recept...	20 A	1			540	540	1	20 A	Recept...	EXT - RECEPS	PP2-30
PP2-31	EM EXT LTS	Lighting	20 A	1	161	500		1	20 A	Other	FACP	PP2-32	
PP2-33	TLT/JAN 145 - RECEPT	Recept...	20 A	1		180	0	1	20 A	Power	TIME CLOCK	PP2-34	
PP2-35	Spare	--	20 A	1			0	1000	1	20 A	Power	INVERTER	PP2-36
PP2-37	Spare	--	20 A	1	0	0		1	20 A	--	Spare	PP2-38	
PP2-39	Spare	--	20 A	1		0	0	1	20 A	--	Spare	PP2-40	
PP2-41	Spare	--	20 A	1			0	0	1	20 A	--	PP2-42	
PP2-43	Spare	--	20 A	1	0	0		1	20 A	--	Spare	PP2-44	
PP2-45	Spare	--	20 A	1		0	0	1	20 A	--	Spare	PP2-46	
PP2-47	Spare	--	20 A	1			0	0	1	20 A	--	PP2-48	
PP2-49	Spare	--	20 A	1	0	0		1	20 A	--	Spare	PP2-50	
PP2-51	Spare	--	20 A	1		0	0	1	20 A	--	Spare	PP2-52	
PP2-53	Spare	--	20 A	1			0	0	1	20 A	--	PP2-54	
PP2-55	Spare	--	20 A	1	0	0		1	20 A	--	Spare	PP2-56	
PP2-57	Spare	--	20 A	1		0	0	1	20 A	--	Spare	PP2-58	
PP2-59	Spare	--	20 A	1			0	0	1	20 A	--	PP2-60	
<b>Total Load:</b>					8154 VA	6557 VA	7324 VA						
<b>Total Amps:</b>					69 A	55 A	62 A						
<b>Legend:</b>													
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals									
Lighting	2688 VA	100.00%	2688 VA										
Other	500 VA	100.00%	500 VA	<b>Total Conn. Load:</b> 22030 VA									
Power	1000 VA	100.00%	1000 VA	<b>Total Est. Demand:</b> 18253 VA									
Equipment	500 VA	90.00%	450 VA	<b>Total Conn. Current:</b> 61 A									
Receptacle	17460 VA	78.64%	13730 VA	<b>Total Est. Demand Current:</b> 51 A									
<b>Notes:</b>													



BID SET

SHEET TITLE: SCHEDULES - ELECTRICAL

PROJECT: RESTORATION AND MODERNIZATION OF BUILDING 1471  
 CAMP SHELBY JOINT FORCES TRAINING CENTER  
 CAMP SHELBY, MISSISSIPPI

DRAWN: LVW  
 CHECKED: CAB

FINAL DATE: FEB. 18, 2026

REVISION SCHEDULE

REV # REV DATE

CN# 25-4137

SHEET NUMBER

E5.1