



Addendum # 2	Date Issued 02/06/2026
---------------------	-------------------------------

Project Name Job # Williams County Law Enforcement Center Infirmery	20232310
--	----------

Bid Date Time Tuesday, February 17, 2026	2:00 pm
---	---------

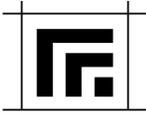
THIS ADDENDUM AMENDS AND BECOMES PART OF THE CONTRACT DOCUMENTS FOR EAPC PROJECT 20232310 DATED 06/09/2025, AND ADDENDUM #01 DATED 01/29/2026 RESPECTIVELY. EACH BIDDER SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY MARKING THE ADDENDUM NUMBER AND DATE ON THE BID FORM.

SPECIFICATIONS

00 0110	DELETE Table of Contents and REPLACE with attached Table of Contents.
09 6700	CHANGE 2.3 A to read "Base Caps: All integral base to have a rolled top edge that terminates into wall, smooth of all imperfections."
26 0200	ADD attached specification section DEMOLITION
26 2416	ADD attached specification section PANELBOARDS.
27 5122	ADD attached specification section INTERCOM SYSTEM
28 3000	CHANGE 1.1 A 1. d to read "All necessary wiring and conduit."

DRAWINGS

G100	DELETE Drawing and REPLACE with attached G100.
A601	ADD Drawing
E101R	ADD attached Drawing – Clarifies motor information
E200R	ADD attached Drawing - Clarifies panel information
E201R	ADD attached Drawing - Clarifies panel and motor information, revises circuitry.
E202R	ADD attached Drawing – Clarifies information in Security Room
E203R	ADD attached Drawing - Clarifies motor information
E301R	ADD attached Drawing – Clarifies lighting
E401R	ADD attached Drawing – Clarifies sheet title
E501R	Add attached Drawing – Add A/v device



E801R	ADD attached Drawing - Clarifies motor information
E802R	ADD attached Drawing – Clarifies Relay schedule and Fixture Schedule
E901	ADD attached drawing – Added Panel Feeder Riser and eliminated panel schedules.
E902R	ADD attached Drawing – Clarifies panel schedules
E903R	ADD attached Drawing - Clarifies panel schedules
S201R	ADD waterstops info to key note 2

PRIOR APPROVALS

10 2813.63	Detention Toilet Accessories	Claborn Manufacturing, Co.
11 1910	Detention Hollow Metal Doors & Frames	Claborn Manufacturing, Co.
11 1940	Detention Furniture	Claborn Manufacturing, Co.
11 1960	Detention Wall Panels Systems	Claborn Manufacturing, Co.
11 1970	Security Ceiling Assembly	Claborn Manufacturing, Co.
11 1920	Detention Security Hardware	Airteq

ATTACHMENTS

00 0110
 04 2000
 05 5000
 08 7400
 11 1920
 26 0200
 26 2416
 27 5122 G100
 E101R
 E200R
 E201R
 E202R
 E203R
 E301R
 E401R
 E501R
 E801R
 E802R
 E901R
 E902R
 E903R

TABLE OF CONTENTS

DIVISION 00 -- PROCUREMENT AND CONTRACTING REQUIREMENTS

- 00 0101 - PROJECT TITLE PAGE
- 00 0102 - PROJECT INFORMATION
- 00 0105 - CERTIFICATIONS PAGE
- 00 0110 - TABLE OF CONTENTS
- 00 2000.1 - CONTRACTOR HAZMAT ACKNOWLEDGEMENT
- 00 6325 - SUBSTITUTION REQUEST FORM - DURING CONSTRUCTION
- 00 7000 - GENERAL CONDITIONS
 - AIA Document A201-2017, General Conditions of the Contract for Construction
 - ARTICLE 16 - SUPPLEMENTARY CONDITIONS
- 00 9000 - INFECTION CONTROL AND INTERIM LIFE SAFETY MEASURES

DIVISION 01 -- GENERAL REQUIREMENTS

- 01 1000 - SUMMARY
- 01 2000 - PRICE AND PAYMENT PROCEDURES
- 01 2100 - ALLOWANCES
- 01 2200 - UNIT PRICES
- 01 2500 - SUBSTITUTION PROCEDURES
- 01 3000 - ADMINISTRATIVE REQUIREMENTS
- 01 3216 - CONSTRUCTION PROGRESS SCHEDULE
- 01 3513.16 – SPECIAL PROCEDURES FOR DETENTION FACILITIES
- 01 4000 - QUALITY REQUIREMENTS
- 01 4533 - CODE-REQUIRED SPECIAL INSPECTIONS
- 01 5000 - TEMPORARY FACILITIES AND CONTROLS
- 01 6000 - PRODUCT REQUIREMENTS
- 01 7000 - EXECUTION AND CLOSEOUT REQUIREMENTS
- 01 7800 - CLOSEOUT SUBMITTALS
- 01 7900 - DEMONSTRATION AND TRAINING

DIVISION 02 -- EXISTING CONDITIONS

- 02 4100 - DEMOLITION

DIVISION 03 -- CONCRETE

- 03 2000 – CONCRETE REINFORCEMENT
- 03 3000 – CAST-IN-PLACE CONCRETE
- 03 5400 – CAST UNDERLAYMENT

DIVISION 04 -- MASONRY

04 2000 – UNIT MASONRY

DIVISION 05 -- METALS

05 4000 – COLD-FORMED METAL FRAMING

05 4523 – EQUIPMENT SUPPORT SYSTEM

05 5000 – METAL FABRICATIONS

DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES

06 1000 – ROUGH CARPENTRY

06 4100 - ARCHITECTURAL WOOD CASEWORK

06 8316 - FIBERGLASS REINFORCED PANELING

DIVISION 07 -- THERMAL AND MOISTURE PROTECTION

07 92000 – JOINT SEALANTS

DIVISION 08 -- OPENINGS

08 1113 – HOLLOW MEAL DOORS AND FRAMES

08 7100 – DOOR HARDWARE

08 7400 – ACCESS CONTROL

08 8853 – SECURITY GLAZING

DIVISION 09 -- FINISHES

09 2116 - GYPSUM BOARD ASSEMBLIES

09 2216 - NON-STRUCTURAL METAL FRAMING

09 3000 – TILING

96 6513 – RESILIENT BASE AND ACCESSORIES

96 6519 – RESILIENT TILE FLOORING

09 6700 - FLUID-APPLIED FLOORING

09 9123 – INTERIOR PAINTING

DIVISION 10 -- SPECIALTIES

- 10 2813.63 – DETENTION TOILET ACCESSORIES
- 10 4413 – DETENTION FIRE EXTINGUISHER CABINETS
- 10 4416 – FIRE EXTINGUISHERS

DIVISION 11 -- EQUIPMENT

- 11 1910 – DETENTION DOORS AND FRAMES
- 11 1920 – DETENTION SECURITY HARDWARE
- 11 1940 – DETENTION SECURITY FURNITURE-FURNISHINGS
- 11 1960 – DETENTION WALL SYSTEMS
- 11 1970 – SECURITY CEILING ASSEMBLIES
- 11 3010 - APPLIANCES

DIVISION 12 -- FURNISHINGS

- 12 3200 – MANUFACTURED WOOD CASEWORK
- 12 3661.16 – SOLID SURFACING COUNTERTOPS

DIVISION 13 -- SPECIAL CONSTRUCTION

DIVISION 14 -- CONVEYING EQUIPMENT

DIVISION 20 -- FACILITY SERVICES

- 20 0500 - DEMOLITION
- 20 0513 - COMMON MOTOR REQUIREMENTS

DIVISION 21 -- FIRE SUPPRESSION

- 21 0553 - IDENTIFICATION FOR FIRE SUPPRESSION PIPING AND EQUIPMENT
- 21 1300 - FIRE-SUPPRESSION SPRINKLER SYSTEMS

DIVISION 22 -- PLUMBING

- 22 0516 - EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING
- 22 0517 - SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING
- 22 0519 - METERS AND GAUGES FOR PLUMBING PIPING
- 22 0523 - GENERAL-DUTY VALVES FOR PLUMBING PIPING
- 22 0529 - HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT
- 22 0548 - VIBRATION AND SEISMIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT
- 22 0553 - IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT
- 22 0716 - PLUMBING EQUIPMENT INSULATION
- 22 0719 - PLUMBING PIPING INSULATION
- 22 1005 - PLUMBING PIPING
- 22 1006 - PLUMBING PIPING SPECIALTIES
- 22 4000 – PLUMBING FIXTURES

22 6000 – GAS AND VACUUM SYSTEMS FOR LABORATORY AND HEALTHCARE FACILITIES

DIVISION 23 -- HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

23 0516 - EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING
23 0529 - HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT
23 0548 – VIBRATION CONTROLS
23 0553 - IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT
23 0593 - TESTING, ADJUSTING, AND BALANCING FOR HVAC
23 0713 - DUCT INSULATION
23 0719 - HVAC PIPING INSULATION
23 0923 - DIRECT-DIGITAL CONTROL SYSTEM FOR HVAC
23 0923.30 – VARIABLE FREQUENCY CONTROLS
23 0993.11 – SEQUENCE OF OPERATION
23 2113 - HYDRONIC PIPING
23 2114 - HYDRONIC SPECIALTIES
23 2513 – WATER TREATMENT FOR CLOSED-LOOP HYDRONIC SYSTEMS
23 3113 – METAL DUCTS
23 3300 - AIR DUCT ACCESSORIES
23 3501 – DRYER-VENT EXHAUST COLLECTION SYSTEMS
23 3700 - AIR OUTLETS AND INLETS
23 8146.13 – WATER TO AIR HEAT PUMPS

DIVISION 26 -- ELECTRICAL

26 0000 – ELECTRICAL GENERAL REQUIREMENTS
26 0100 – BASIC MATERIALS AND METHODS
26 0400 – ELECTRICAL SERVICE
26 0200 - DEMOLITION
26 0526 – GROUNDING & BONDING FOR ELECTRICAL SYSTEMS
26 0529 - HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
26 0533.13 - CONDUIT FOR ELECTRICAL SYSTEMS
26 0533.16 - BOXES FOR ELECTRICAL SYSTEMS
26 0553 - IDENTIFICATION FOR ELECTRICAL SYSTEMS
26 2416 - PANELBOARDS
26 2726 - WIRING DEVICES
26 2813 - FUSES
26 5100 - INTERIOR LIGHTING

DIVISION 27 -- COMMUNICATIONS

27 0529 - HANGERS AND SUPPORTS FOR COMMUNICATIONS SYSTEMS
27 0533.13 - CONDUIT FOR COMMUNICATIONS SYSTEMS
27 100 – STRUCTURED CABLING
27 5122 – INTERCOM SYSTEM

DIVISION 28 -- ELECTRONIC SAFETY AND SECURITY

28 3000 – SECURITY SYSTEM

28 4600 – FIRE DETECTION & ALARM

DIVISION 32 -- EXTERIOR IMPROVEMENTS

END OF SECTION 00 0110

CONSULTANTS

CLIENT
**WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER**

PROJECT DESCRIPTION
**WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY**

CITY **WILLISTON**
STATE **ND**

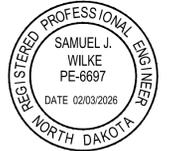
ISSUE DATES

RS	FINAL REVIEW	06/09/2025
MARK	DESCRIPTION	DATE

PROJECT NO: **20232310**
DRAWN BY: **JCE**
CHECKED BY: **MMB**

COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC, EAPC shall retain all common law, statutory and other reserved rights, including the copyright thereto.

STAMP

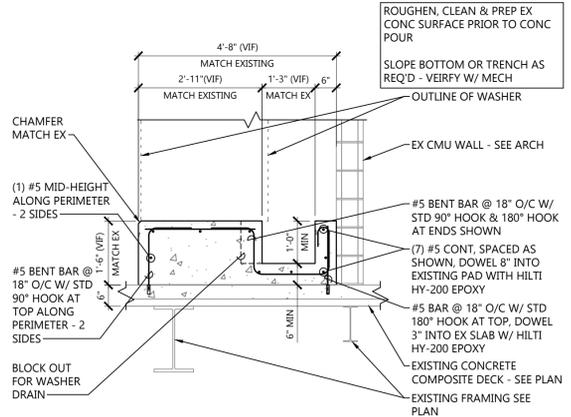
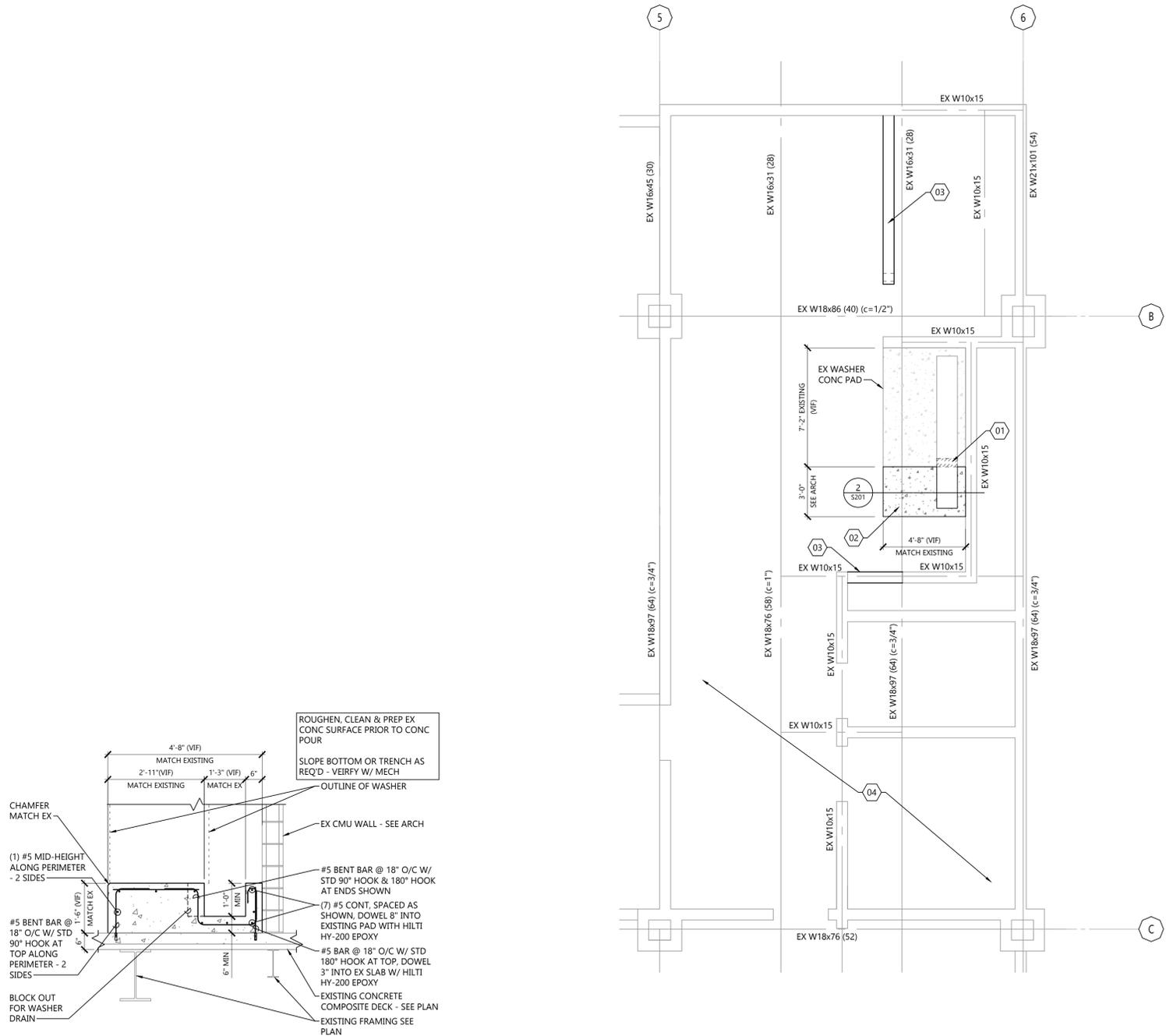


DRAWING TITLE
**LAUNDRY ROOM
FLOOR PLAN &
DETAILS**

S201R

KEYNOTE LEGEND:

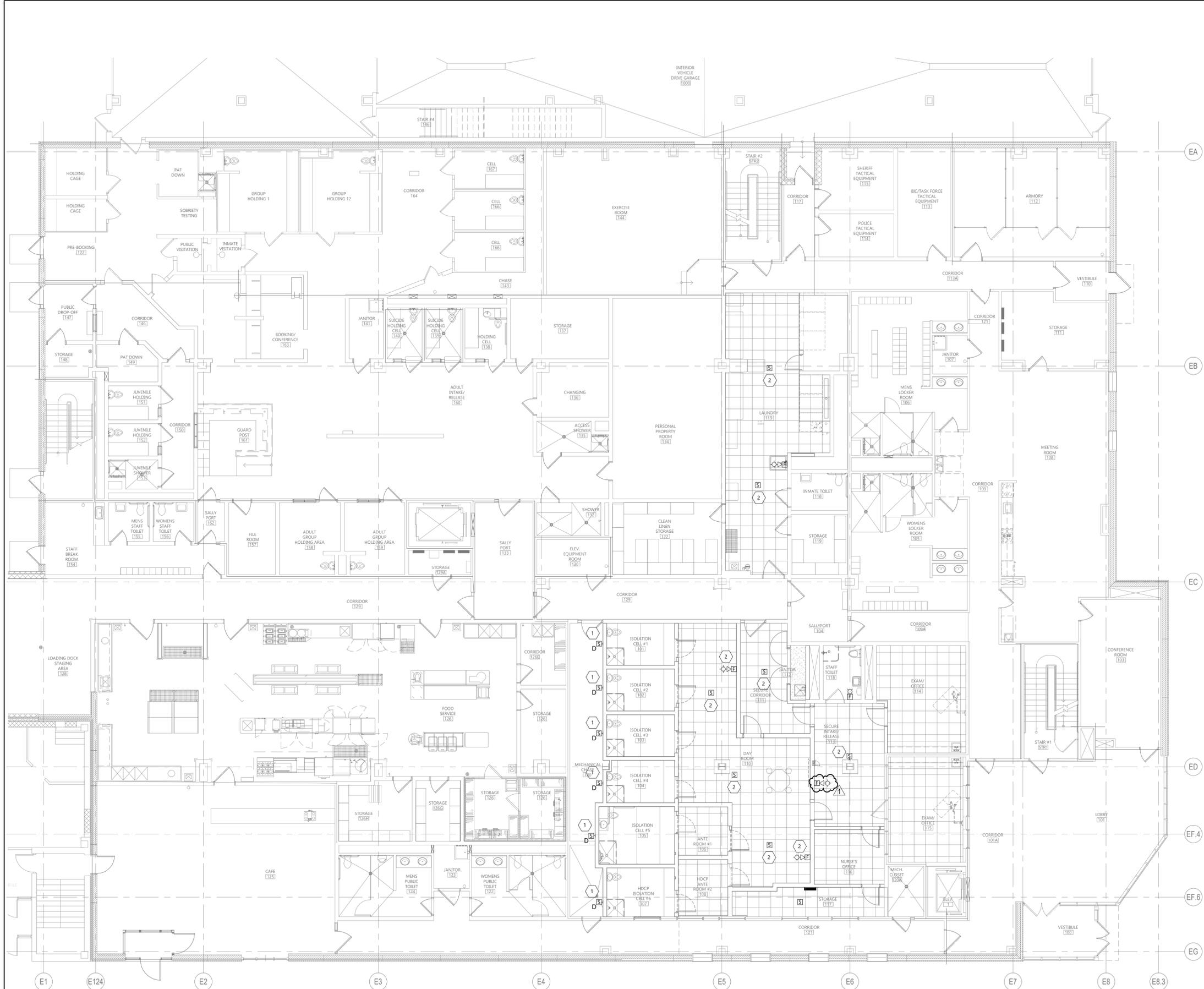
- ## <<< INDICATES KEYNOTE ON PLAN
- 01 SAW CUT AND REMOVE EXISTING PORTION OF TRENCH DRAIN AT NEW TRENCH DRAIN TIE-IN.
- 02 WASHER CONCRETE PAD, MATCH EXISTING. PROVIDE SELF ADHERING BUTYL STRIP PERFORMED WATERSTOP AT ALL JOINTS BETWEEN NEW & EX CONCRETE (SIKA, GREENSTREAK, ETC OR EQUIV).
- 03 CFS STUD WALL, SEE ARCH.
- 04 EXISTING 4" CONCRETE SLAB OVER 2"x20 GA COMPOSITE METAL DECK (6" TOTAL THICKNESS).



2 WASHER PAD SECTION
S201 1/2" = 1'-0"

1 EX LAUNDRY ROOM FLOOR PLAN @ WASHER PAD EXTENSION
S201 1/4" = 1'-0"





GENERAL NOTES

- A. SEAL ALL NEW ELECTRICAL PENETRATIONS THROUGH RATED WALL AND CEILING WITH FIRE CAULKING TO MAINTAIN RATING.
- B. EXISTING FIRE ALARM PANEL ____ MAKE, ____ MODEL.

KEYNOTE LEGEND:

- ◊ ◊ ◊ INDICATES KEYNOTE ON PLAN
- 1. PROVIDE DUCT SMOKE DETECTOR IN 6"x6" R.A. DUCT.
- 2. PROVIDE WIRE GUARD.

EAPC
 Architecture Interior Design
 Engineering Industrial
 TELEPHONE 701.609.5290
 313 Main Street, Suite 200, Williston ND 58801
 www.eapc.net

CONSULTANTS

CLIENT
 CLIENT NAME

PROJECT DESCRIPTION
 WILLIAMS COUNTY
 LAW ENFORCEMENT
 CENTER INFIRMARY

CITY WILLISTON
 STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: 20232310
 DRAWN BY: SC
 CHECKED BY: LS

COPYRIGHT:
 All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP



DRAWING TITLE
 FIRST FLOOR FIRE
 ALARM PLAN

E501R

Revit: 2/22/2025 10:06:57 AM
 Plot Date: 2/22/2025 10:06:57 AM

1 FIRST FLOOR FIRE ALARM PLAN
 E501R 1/8" = 1'-0"





GENERAL NOTES

- A. OWNER SHALL PROVIDE AND INSTALL ALL SECURITY CAMERAS. EC SHALL PROVIDE CAT6 CABLE FROM EACH CAMERA TO I.T. ROOM 252. ALL CABLING SHALL BE PLENUM RATED. SEE 1/E201.
- B. USE DETAIL 1/E802 FOR ALL DEVICES.

KEYNOTE LEGEND:

- ◻ ◻ ◻ INDICATES KEYNOTE ON PLAN
- 1. PROVIDE (8) #14, COLOR CODED CONDUCTORS IN 3/4" C. BACK TO I.T. ROOM 252 FROM EACH DOOR LOCK. TERMINATE CONDUCTORS AS DIRECTED BY DOOR SUPPLIER.
- 2. MICROCOMM ICS-4X1 INTERCOM STATION. CONNECTED TO EXISTING INTERCOM SYSTEM. IN SECURITY ELECTRONIC ROOM 252 ON SECOND FLOOR. SEE SHEET E202R.
- 3. EXISTING SPEAKER RELOCATED AND REUSED CONNECT TO EXISTING PANEL CIRCUIT. USE 3/4"C WITH CABLE TO MATCH EXISTING

EAPC
 Architecture Interior Design
 Engineering Industrial
 TELEPHONE **701.609.5290**
 313 Main Street, Suite 200, Williston ND 58801
 www.eapc.net

CONSULTANTS

CLIENT
 CLIENT NAME

PROJECT DESCRIPTION
 WILLIAMS COUNTY
 LAW ENFORCEMENT
 CENTER INFIRMARY

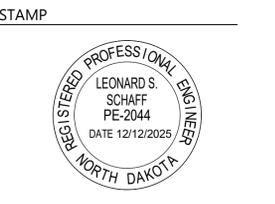
CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

COPYRIGHT:
 All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.



DRAWING TITLE
 FIRST FLOOR SYSTEMS
 PLAN

E401R

Revit 2/10/2025 10:06:57 AM
 Plot 2/10/2025 10:06:57 AM

1 FIRST FLOOR SYSTEMS PLAN
 E401R 1/8" = 1'-0"



EXISTING PANEL: HP2														
LOCATION: STORAGE 111				VOLTS: 480/277 Wye				A.I.C. RATING: CALCULATED A.I.C.:						
SUPPLY FROM:				PHASING: 3				MAINS TYPE:						
MOUNTING: Surface				WIRES: 4				MAINS RATING: 100 A						
ENCLOSURE: Type 1								BUS RATING:						
CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT		
1	CORRIDOR LIGHTS		20 A	1	0 VA	0 VA		1	20 A		PARKING LOT	2		
3	LOCKER LIGHTS		20 A	1		0 VA	0 VA	1	20 A		BUILDING EXTERIOR	4		
5	KITCHEN LIGHTS		20 A	1			0 VA	0 VA	1	20 A	SPARE	6		
7	CAFE LIGHTS		20 A	1	0 VA	0 VA			1	20 A	SPARE	8		
9	SPARE		20 A	1		0 VA	0 VA		1	20 A	SPARE	10		
11	SPARE		20 A	1			0 VA	0 VA	1	20 A	SPARE	12		
13	SPARE		20 A	1	0 VA	0 VA		0 VA	0 VA	1	20 A	SPARE	14	
15	SPARE		20 A	1		0 VA	0 VA		1	20 A	SPARE	16		
17	SPARE		20 A	1			0 VA	0 VA	1	20 A	SPARE	18		
19	SPARE		20 A	1	0 VA	0 VA			1	20 A	SPARE	20		
21	SPARE		20 A	1		0 VA	0 VA		1	20 A	SPARE	22		
23	SPARE		20 A	1			0 VA	0 VA	1	20 A	SPARE	24		
25	SPARE		20 A	1	0 VA	0 VA		0 VA	0 VA	1	20 A	SPARE	26	
27	SPARE		20 A	1		0 VA	0 VA		1	20 A	SPARE	28		
29	SPARE		20 A	1			0 VA	0 VA	1	20 A	SPARE	30		
CONNECTED LOAD:					0 VA	0 VA	0 VA							
EXISTING LOAD:					0 VA	0 VA	0 VA							
TOTAL LOAD:					0 VA	0 VA	0 VA	HIGH PHASE						
FEED THRU AMPS:					0 A	0 A	0 A	0 VA						
TOTAL AMPS:					0 A	0 A	0 A							
CODES:														
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE	11	LSI TRIP UNIT									
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD	12	PROVIDE LOCK ON DEVICE									
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER	13	AFCI BREAKER									
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER											
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER											
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS							
Lighting				70 VA	125.00%	88 VA	TOTAL CONN. LOAD: 70 VA							
							TOTAL EST. DEMAND: 88 VA							
							TOTAL CONN.: 0 A							
							TOTAL EST. DEMAND: 0 A							
NOTES:														

REVISED PANEL: HP2														
LOCATION: STORAGE 111				VOLTS: 480/277 Wye				A.I.C. RATING: CALCULATED A.I.C.:						
SUPPLY FROM:				PHASING: 3				MAINS TYPE:						
MOUNTING: Surface				WIRES: 4				MAINS RATING: 100 A						
ENCLOSURE: Type 1								BUS RATING:						
CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT		
1	CORRIDOR LIGHTS		20 A	1	0 VA	0 VA		1	20 A		PARKING LOT	2		
3	LOCKER LIGHTS		20 A	1		0 VA	0 VA	1	20 A		BUILDING EXTERIOR	4		
5	KITCHEN LIGHTS		20 A	1			0 VA	0 VA	1	20 A	SPARE	6		
7	CAFE LIGHTS		20 A	1	0 VA	0 VA			1	20 A	SPARE	8		
9	LIGHTING		20 A	1		60 VA	10 VA		1	20 A	LIGHTING	10		
11	SPARE		20 A	1			0 VA	0 VA	1	20 A	SPARE	12		
13	SPARE		20 A	1	0 VA	0 VA		0 VA	0 VA	1	20 A	SPARE	14	
15	SPARE		20 A	1		0 VA	0 VA		1	20 A	SPARE	16		
17	SPARE		20 A	1			0 VA	0 VA	1	20 A	SPARE	18		
19	SPARE		20 A	1	0 VA	0 VA			1	20 A	SPARE	20		
21	SPARE		20 A	1		0 VA	0 VA		1	20 A	SPARE	22		
23	SPARE		20 A	1			0 VA	0 VA	1	20 A	SPARE	24		
25	SPARE		20 A	1	0 VA	0 VA		0 VA	0 VA	1	20 A	SPARE	26	
27	SPARE		20 A	1		0 VA	0 VA		1	20 A	SPARE	28		
29	SPARE		20 A	1			0 VA	0 VA	1	20 A	SPARE	30		
CONNECTED LOAD:					0 VA	0 VA	0 VA							
EXISTING LOAD:					0 VA	0 VA	0 VA							
TOTAL LOAD:					0 VA	70 VA	0 VA	HIGH PHASE						
FEED THRU AMPS:					0 A	0 A	0 A	70 VA						
TOTAL AMPS:					0 A	0 A	0 A							
CODES:														
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE	11	LSI TRIP UNIT									
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD	12	PROVIDE LOCK ON DEVICE									
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER	13	AFCI BREAKER									
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER											
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER											
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS							
Lighting				70 VA	125.00%	88 VA	TOTAL CONN. LOAD: 70 VA							
							TOTAL EST. DEMAND: 88 VA							
							TOTAL CONN.: 0 A							
							TOTAL EST. DEMAND: 0 A							
NOTES:														

NEW PANEL: LP6													
LOCATION: STORAGE 111				VOLTS: 120/208 Wye				A.I.C. RATING: 10,000					
SUPPLY FROM:				PHASING: 3				CALCULATED A.I.C.:					
MOUNTING: Surface				WIRES: 4				MAINS TYPE: MLO					
ENCLOSURE: Type 1								MAINS RATING: 100 A					
								BUS RATING:					
CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT	
1	RECEPT RM 101		20 A	1	180 VA	180 VA		1	20 A		RECEPT RM 101	2	
3	RECEPT RM 102		20 A	1		180 VA	180 VA	1	20 A		RECEPT RM 102	4	
5	RECEPT RM 103		20 A	1			180 VA	180 VA	1	20 A	RECEPT RM 103	6	
7	RECEPT RM 104		20 A	1	180 VA	180 VA		1	20 A		RECEPT RM 104	8	
9	RECEPT RM 105		20 A	1		180 VA	180 VA	1	20 A		RECEPT RM 105	10	
11	RECEPT RM 107		20 A	1			180 VA	180 VA	1	20 A	RECEPT RM 107	12	
13	RECEPT RM 110 & 111		20 A	1	720 VA	500 VA		1	20 A		JBOX RM 110	14	
15	RECEPT RM 115		20 A	1		540 VA	500 VA	1	20 A		RECEPT RM 114 & JBOX RM 110	16	
17	RECEPT RM 115		20 A	1			540 VA	540 VA	1	20 A	RECEPT RM 114	18	
19	RECEPT RM 115		20 A	1	720 VA	540 VA		1	20 A		RECEPT RM 114	20	
21	RECEPT RM 115		20 A	1		360 VA	360 VA	1	20 A		RECEPT RM 114	22	
23	RECEPT RM 118		20 A	1			180 VA	720 VA	1	20 A	RECEPT RM 114	24	
25	RECEPT RM 113		20 A	1	360 VA	180 VA		1	20 A		RECEPT RM 117	26	
27	RECEPT RM 116		20 A	1		720 VA	180 VA	1	20 A		RECEPT RM 117	28	
29	RECEPT RM 117		20 A	1			180 VA	100 VA	1	20 A	RELAY CABINET RM 252	30	
CONNECTED LOAD:					3740 VA	3380 VA	2961 VA						
EXISTING LOAD:					0 VA	0 VA	0 VA						
TOTAL LOAD:					3740 VA	3380 VA	2961 VA	HIGH PHASE					
FEED THRU AMPS:					0 A	0 A	0 A	3740 VA					
TOTAL AMPS:					32 A	29 A	25 A						
CODES:													
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE	11	LSI TRIP UNIT								
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD	12	PROVIDE LOCK ON DEVICE								
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER	13	AFCI BREAKER								
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER										
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER										
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS						
Power				1082 VA	100.00%	1082 VA	TOTAL CONN. LOAD: 10080 VA						
Receptacle				9000 VA	100.00%	9000 VA	TOTAL EST. DEMAND: 10080 VA						
							TOTAL CONN.: 28 A						
							TOTAL EST. DEMAND: 28 A						
NOTES:													

CONSULTANTS

CLIENT
 CLIENT NAME

PROJECT DESCRIPTION
 WILLIAMS COUNTY
 LAW ENFORCEMENT
 CENTER INFIRMARY

CITY WILLISTON
 STATE ND

ISSUE DATES

1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20232310
 DRAWN BY: SC
 CHECKED BY: LS

COPYRIGHT:
 All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP



DRAWING TITLE
 SCHEDULES

PANEL INDEX E902	
EXISTING HP2	REVISED HP2
NEW LP4	

E902R

CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY

CITY WILLISTON
STATE ND

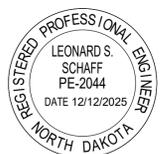
ISSUE DATES

1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright, there to.

STAMP



DRAWING TITLE
SCHEDULES

PANEL INDEX E902	
EXISTING HCC1	REVISED HCC1
EXISTING HPC2	REVISED HPC2

E903R

EXISTING PANEL: HCC1													
LOCATION: ELECTRICAL ROOM 016				VOLTS: 120/208 Wye				A.I.C. RATING: CALCULATED A.I.C.:					
SUPPLY FROM:				PHASING: 3				MAINS TYPE: MLO					
MOUNTING: Surface				WIRES: 4				MAINS RATING: 100 A					
ENCLOSURE: Type 1								BUS RATING:					
CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT	
1	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		EXISTING LOAD	2	
3	EXISTING LOAD		20 A	1				1	20 A		EXISTING LOAD	4	
5	EXISTING LOAD		20 A	1				1	20 A		EXISTING LOAD	6	
7	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		EXISTING LOAD	8	
9	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		SPARE	10	
11	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	SPARE	12	
13	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		SPARE	14	
15	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		SPARE	16	
17	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	SPARE	18	
19	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		SPARE	20	
CONNECTED LOAD:					0 VA	0 VA	0 VA						
EXISTING LOAD:					0 VA	0 VA	0 VA	HIGH PHASE					
TOTAL LOAD:					0 VA	0 VA	0 VA						
FEED THRU AMPS:					0 A	0 A	0 A						
TOTAL AMPS:					0 A	0 A	0 A						
CODES:													
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE	11	LSI TRIP UNIT								
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD	12	PROVIDE LOCK ON DEVICE								
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER	13	AFCI BREAKER								
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER										
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER										
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS						
							TOTAL CONN. LOAD: 0 VA						
							TOTAL EST. DEMAND: 0 VA						
							TOTAL CONN.: 0 A						
							TOTAL EST. DEMAND: 0 A						
NOTES:													

REVISED PANEL: HCC1													
LOCATION: ELECTRICAL ROOM 016				VOLTS: 120/208 Wye				A.I.C. RATING: CALCULATED A.I.C.:					
SUPPLY FROM:				PHASING: 3				MAINS TYPE: MLO					
MOUNTING: Surface				WIRES: 4				MAINS RATING: 100 A					
ENCLOSURE: Type 1								BUS RATING:					
CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT	
1	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		EXISTING LOAD	2	
3	EXISTING LOAD		20 A	1				1	20 A		EXISTING LOAD	4	
5	EXISTING LOAD		20 A	1				1	20 A		EXISTING LOAD	6	
7	EMERGENCY LIGHTING		20 A	1	50 VA	0 VA		1	20 A		EXISTING LOAD	8	
9	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		SPARE	10	
11	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	SPARE	12	
13	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		SPARE	14	
15	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		SPARE	16	
17	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	SPARE	18	
19	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		SPARE	20	
CONNECTED LOAD:					50 VA	0 VA	0 VA						
EXISTING LOAD:					0 VA	0 VA	0 VA	HIGH PHASE					
TOTAL LOAD:					50 VA	0 VA	0 VA						
FEED THRU AMPS:					0 A	0 A	0 A						
TOTAL AMPS:					0 A	0 A	0 A						
CODES:													
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE	11	LSI TRIP UNIT								
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD	12	PROVIDE LOCK ON DEVICE								
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER	13	AFCI BREAKER								
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER										
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER										
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS						
Lighting				50 VA	125.00%	63 VA	TOTAL CONN. LOAD: 50 VA						
							TOTAL EST. DEMAND: 63 VA						
							TOTAL CONN.: 0 A						
							TOTAL EST. DEMAND: 0 A						
NOTES:													

EXISTING PANEL: HPC2													
LOCATION: STORAGE 129A				VOLTS: 120/208 Wye				A.I.C. RATING: CALCULATED A.I.C.:					
SUPPLY FROM:				PHASING: 3				MAINS TYPE: MLO					
MOUNTING: Surface				WIRES: 4				MAINS RATING: 125 A					
ENCLOSURE: Type 1								BUS RATING:					
CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT	
1	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		EXISTING LOAD	2	
3	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		EXISTING LOAD	4	
5	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	EXISTING LOAD	6	
7	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		SPARE	8	
9	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		SPARE	10	
11	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	SPARE	12	
13	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		SPARE	14	
15	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		EXISTING LOAD	16	
17	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	EXISTING LOAD	18	
19	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		EXISTING LOAD	20	
21	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		EXISTING LOAD	22	
23	EXISTING LOAD		20 A	1			0 VA	--	1	--	SPACE	24	
25	EXISTING LOAD		20 A	1	0 VA	--			1	--	SPACE	26	
27	EXISTING LOAD		20 A	1		0 VA	--		1	--	SPACE	28	
29	EXISTING LOAD		20 A	1			0 VA	--	1	--	SPACE	30	
CONNECTED LOAD:					0 VA	0 VA	0 VA						
EXISTING LOAD:					0 VA	0 VA	0 VA	HIGH PHASE					
TOTAL LOAD:					0 VA	0 VA	0 VA						
FEED THRU AMPS:					0 A	0 A	0 A						
TOTAL AMPS:					0 A	0 A	0 A						
CODES:													
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE	11	LSI TRIP UNIT								
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD	12	PROVIDE LOCK ON DEVICE								
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER	13	AFCI BREAKER								
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER										
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER										
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS						
							TOTAL CONN. LOAD: 0 VA						
							TOTAL EST. DEMAND: 0 VA						
							TOTAL CONN.: 0 A						
							TOTAL EST. DEMAND: 0 A						
NOTES:													

REVISED PANEL: HPC2														
LOCATION: STORAGE 129A				VOLTS: 120/208 Wye				A.I.C. RATING: CALCULATED A.I.C.:						
SUPPLY FROM:				PHASING: 3				MAINS TYPE: MLO						
MOUNTING: Surface				WIRES: 4				MAINS RATING: 125 A						
ENCLOSURE: Type 1								BUS RATING:						
CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT		
1	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		EXISTING LOAD	2		
3	EXISTING LOAD		20 A	1		0 VA	0 VA	1	20 A		EXISTING LOAD	4		
5	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	EXISTING LOAD	6		
7	EXISTING LOAD		20 A	1	0 VA	200 VA		1	20 A		LIGHTING RM 101-108, 110, 111	8		
9	EXISTING LOAD		20 A	1		0 VA	204 VA	1	20 A		LIGHTING RM 114	10		
11	EXISTING LOAD		20 A	1			0 VA	0 VA	1	20 A	SPARE	12		
13	EXISTING LOAD		20 A	1	0 VA	0 VA		1	20 A		SPARE	14		
15	LIGHTING RM 115, 116, 117		20 A	1		388 VA	0 VA	1	20 A		SPARE	16		
17	SPACE		--	1				--	--	1	--	SPACE	18	
19	SPACE		--	1	--	--	--	--	--	1	--	SPACE	20	
21	SPACE		--	1	--	--	--	--	--	1	--	SPACE	22	
23	SPACE		--	1	--	--	--	--	--	1	--	SPACE	24	
25	SPACE		--	1	--	--	--	--	--	1	--	SPACE	26	
27	SPACE		--	1	--	--	--	--	--	1	--	SPACE	28	
29	SPACE		--	1	--	--	--	--	--	1	--	SPACE	30	
CONNECTED LOAD:					200 VA	592 VA	0 VA							
EXISTING LOAD:					0 VA	0 VA	0 VA	HIGH PHASE						
TOTAL LOAD:					200 VA	592 VA	0 VA							
FEED THRU AMPS:					0 A	0 A	0 A							
TOTAL AMPS:					2 A	5 A	0 A							
CODES:														
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE	11	LSI TRIP UNIT									
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD	12	PROVIDE LOCK ON DEVICE									
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER	13	AFCI BREAKER									
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER											
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER											
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS							
Lighting				792 VA	125.00%	990 VA	TOTAL CONN. LOAD: 792 VA							
Other				0 VA	0.00%	0 VA	TOTAL EST. DEMAND: 990 VA							
							TOTAL CONN.: 2 A							
							TOTAL EST. DEMAND: 3 A							
NOTES:														

CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY

CITY WILLISTON
STATE ND

ISSUE DATES

1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

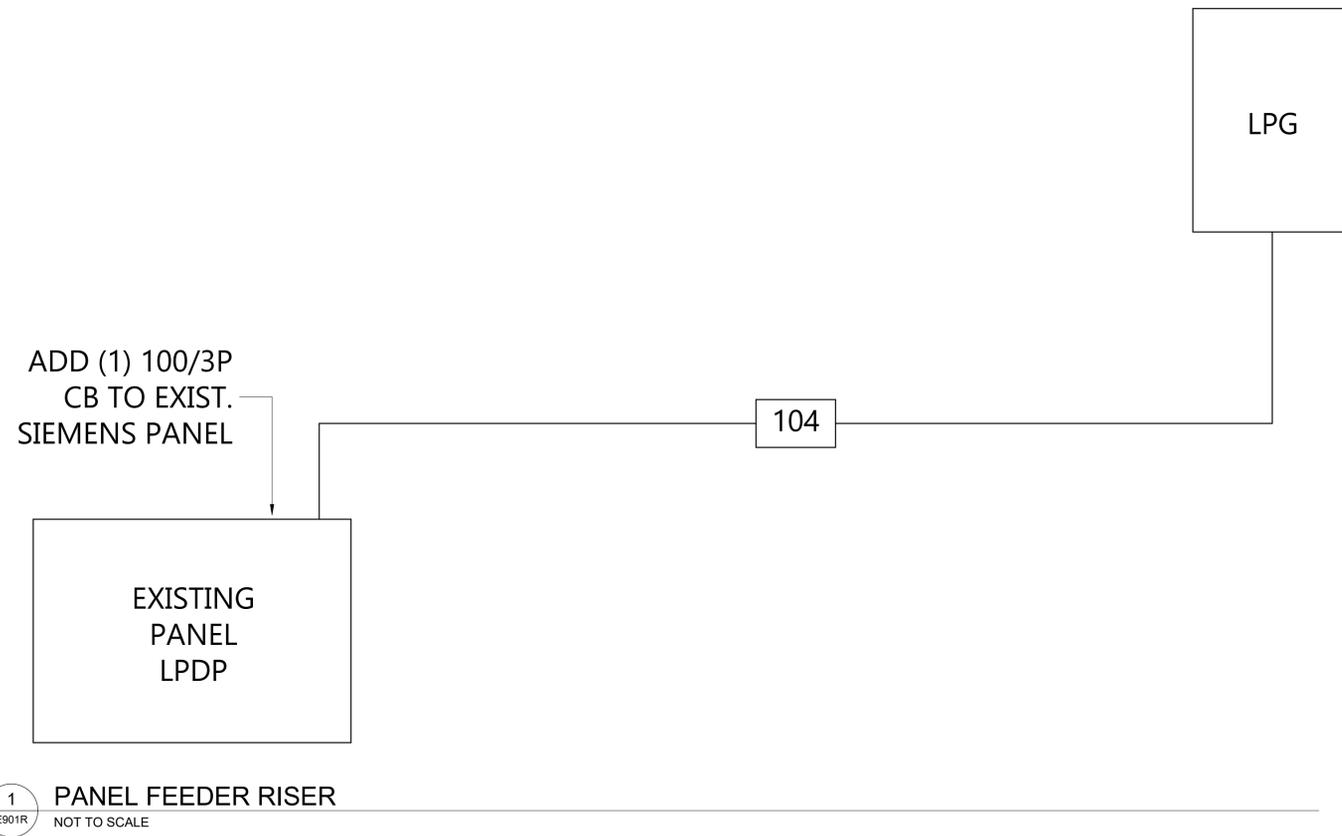
COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP



DRAWING TITLE
SCHEDULES

E901R



RELAY	CIRCUIT	ROOM #	LOAD
R1	HP2(8)	101	CELL LIGHTING
R2	HP2(8)	102	CELL LIGHTING
R3	HP2(8)	103	CELL LIGHTING
R4	HP2(8)	104	CELL LIGHTING
R5	HP2(8)	105 & 106	CELL LIGHTING
R6	HP2(8)	106 & 107	CELL LIGHTING
R7	HP2(8)	110	DAY ROOM LIGHTING
R8	HP2(8)	110	DAY ROOM LIGHTING
R1	LP6(1)	101	CELL RECEPTACLES
R2	LP6(1)	101	CELL RECEPTACLES
R3	LP6(1)	102	CELL RECEPTACLES
R4	LP6(1)	102	CELL RECEPTACLES
R5	LP6(1)	103	CELL RECEPTACLES
R6	LP6(1)	103	CELL RECEPTACLES
R7	LP6(1)	104	CELL RECEPTACLES
R8	LP6(1)	104	CELL RECEPTACLES
R9	LP6(1)	105	CELL RECEPTACLES
R10	LP6(1)	105	CELL RECEPTACLES
R11	LP6(1)	107	CELL RECEPTACLES
R12	LP6(1)	107	CELL RECEPTACLES
R13	HE1(18)	101 - 108	CELL NIGHT LIGHT
R14			SPARE
R15			SPARE

LIGHTING CONTROL SCHEDULE												
SYMBOL	MANUFACTURER	CATALOG NAME	MOUNTING			VOLTAGE		TYPE			NOTES	DESCRIPTION
			WALL	CLING	ABV. CLG	LINE	LOW	OCCUPANCY	VACANCY	OTHER		
	SENSOR SWITCH	WSX PDT	X			X		X				WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH ON/OFF SWITCH
	NLIGHT	N PODM DX	X				X					DIGITAL DIMMER (CAT6)

GENERAL NOTES:
A. ALL SENSORS ARE SHOWN FOR CONTROL PURPOSE ONLY. ADDITIONAL DEVICE/POWER MAY BE REQUIRED FOR A COMPLEX SYSTEM. VERIFY REQUIRED DEVICES WITH SYSTEM PROVIDER AND INSTALL COMPLETE SYSTEM.
B. WIRE LIGHTING CONTROL COMPONENTS PER MANUFACTURERS INSTRUCTIONS.

NOTES:
1. NUMBER REPRESENTS QUANTITY OF RELAYS PER DEVICE. SEE LIGHTING SHEETS FOR NUMBER OF RELAYS AND CONTROL ZONES. MULTI-RELAY ROOM CONTROLLERS MAY BE USED IN LIEU OF SINGLE RELAY ROOM CONTROLLERS.
2. SEE SWITCH DETAILS FOR MORE INFORMATION ON SPECIFIC TIMECLOCK SWITCHES/DIMMERS BUTTON LAYOUT AND ENGRAVING.

LUMINAIRE SCHEDULE												
TYPE	MANUFACTURER	CATALOG NUMBER	LAMP	MOUNTING	LOCATION	VOLTAGE	CCT	LUMENS	WATTS	NOTES	DESCRIPTION	
A	KENALL	SDSA-4-0-67L40K-DCC-DV-2/9-1-NLA	LED	SURFACE	CEILING	277	4000	4000	67	1	WHITE 14 GA FIXTURE WITH SLOPED SIDE. 125 PRISM LENS AND 250CLEAR POLY LENS. NIGHT LIGHT AND TAMPER PROOF SCREWS.	
B	KENALL	MLH48-48-R-MW-PP-67L40K-DCC-DV	LED	SURFACE	CEILING	277	4000	4500	67	1	4' HIGH ABUSE FIXTURE WITH HIGH IMPACT PEARLESCENT POLY LENS WITH ROUND ENDS AND TAMPER PROOF SCREWS.	
C	WELCH ALLYN	GS 600-44610-44215	LED	SURFACE		120			78		WALL MOUNT EXAM LIGHT. VERIFY MOUNTING HEIGHT WITH OWNER.	
D	LITHONIA	CPANL 2X4 ALO6 SWW7 M2	LED	RECESSED	CEILING	277	3500	5000	45		2X4 TROFFER, SWITCHABLE FLAT PANEL	
S	LITHONIA	CLX-L48-5000LM-SEF-RDL-WD-80CRI-WH	LED	SURFACE/SUSPENDED	CEILING	277		5000			CHAIN SUSPENDED WHERE REQUIRED	
U	JUNO	UCE5 36IN SWW6 90 CRI WH MB	LED	SURFACE	CEILING	120			21		UNDERCABINET LIGHT	

NOTES:
1. ATTACH TO AS DIRECTED BY CEILING SUPPLIER.

CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY

CITY WILLISTON
STATE ND

ISSUE DATES

1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP

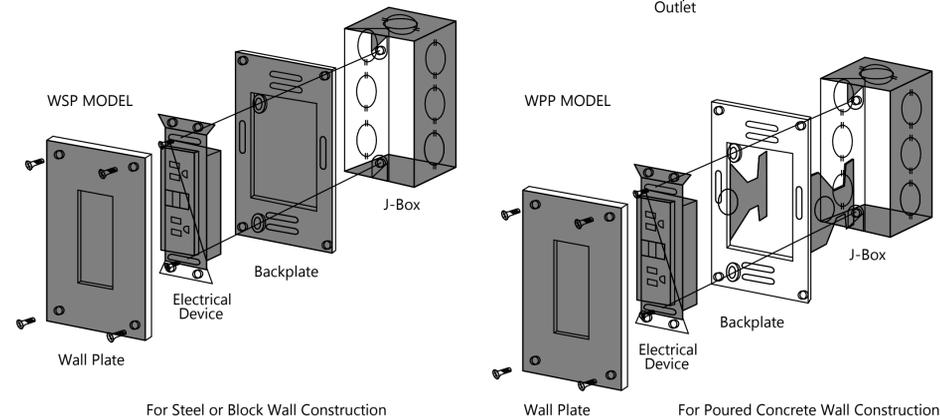
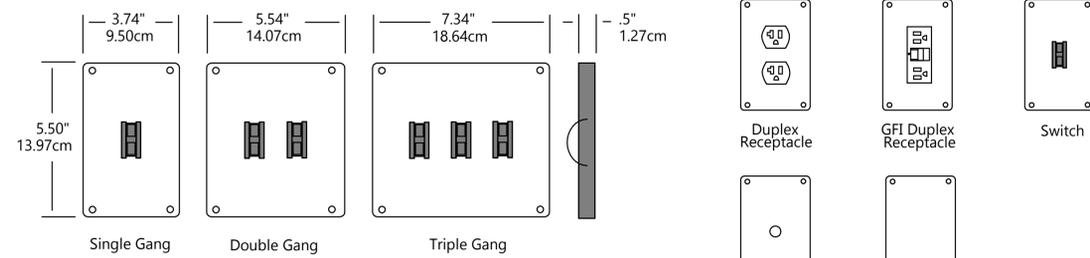


DRAWING TITLE
LIGHTING SCHEDULES
& DETAILS

E802R

BASIS OF DESIGN: LEGRAND MIGHTY MAC

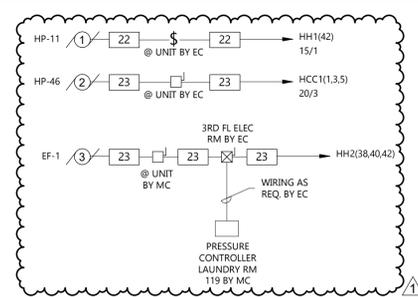
DIMENSIONAL DATA



1 DEVICE PLATE DETAIL
E802R NOT TO SCALE

FEEDER SCHEDULE COPPER		
AMPACITY	FEEDER TAG	CONDUIT & THHN WIRE 75°C
20	22	3/4" C - 2 #12 & 1 #12 GND
20	23	3/4" C - 3 #12 & 1 #12 GND

FEEDER SCHEDULE ALUMINUM		
AMPACITY	FEEDER TAG	CONDUIT & THHN WIRE 75°C
40	43A	1" C - 3 #6 & 1 #8 GND
200	204A	3" C - 4 #250KCMIL & 1 #4 GND

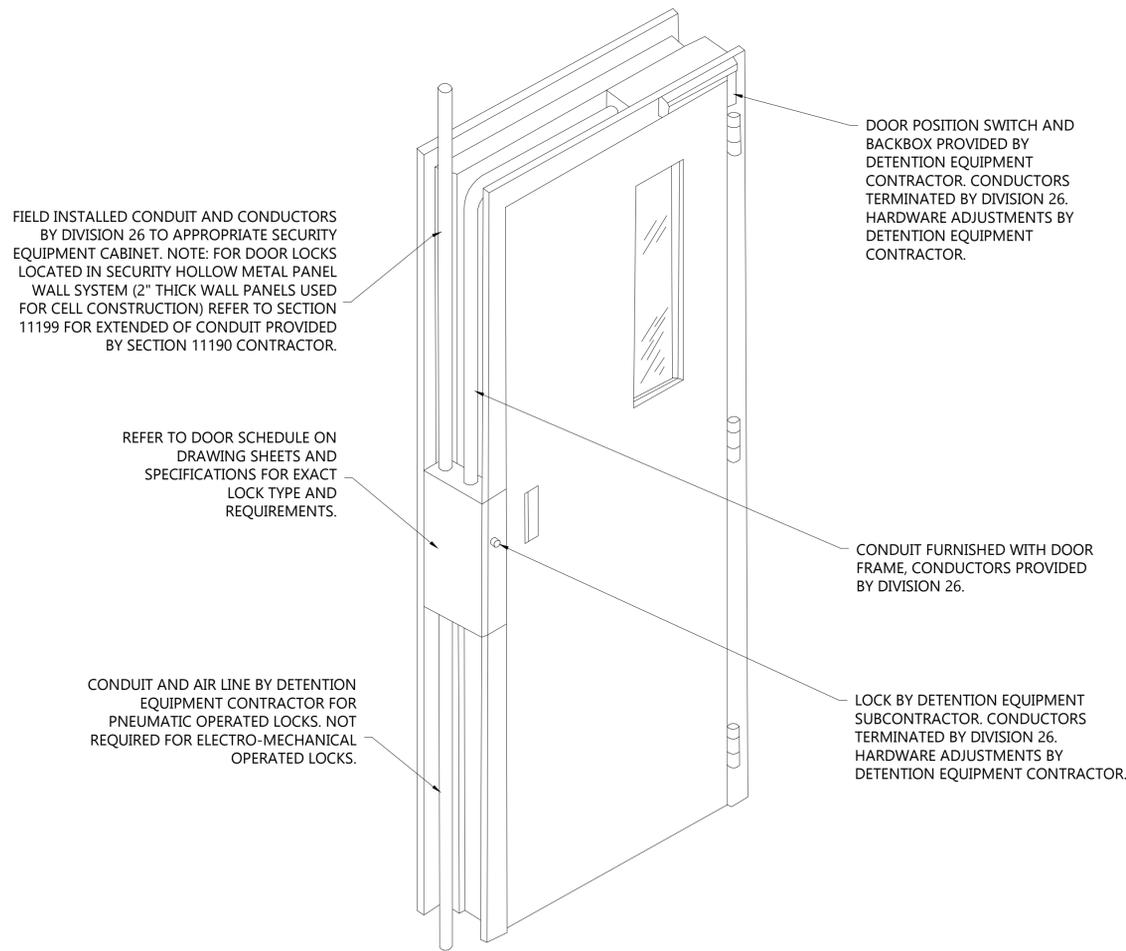


7 MOTOR RISER
E801R NOT TO SCALE

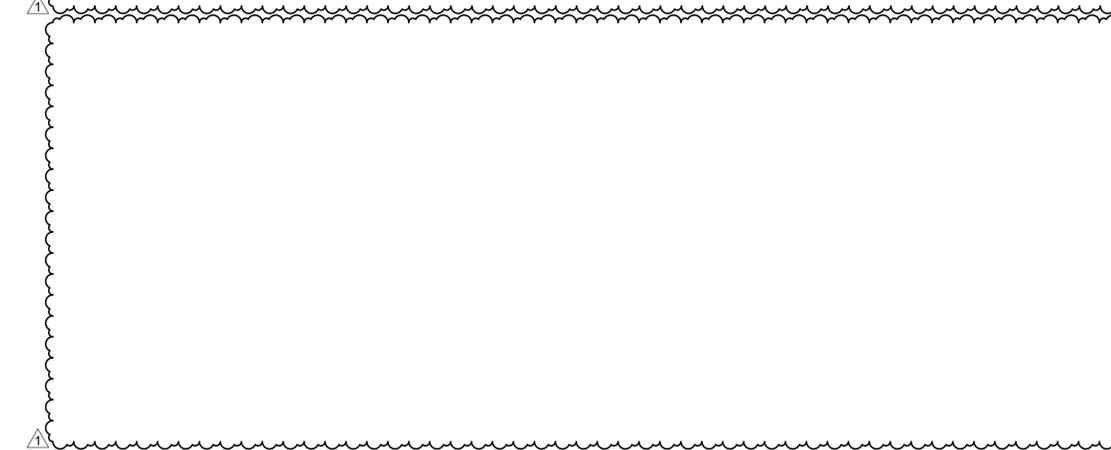
MOTOR AND EQUIPMENT SCHEDULE																						
DESCRIPTION	MOTOR #	FURN BY	LOCATION ROOM #	HP	KW	MCA	FLA	MOP	VOLTAGE	PH (Ø)	STARTER			CONTROL		POWER WIRING	INTERLOCKS		DISCONNECT		NOTES	
											TYPE	SIZE	BY	BY	WIRING		BY	TO	BY	SIZE/TYPE		NEMA
HP-11	1					11	8.5	15	277 V	1												
HP-46	2					13	10.9	20	480 V	3												
EF-1	3			6.7					480 V	3	CM	1	EC									

LEGEND: CM - COMBINATION CB - CIRCUIT BREAKER EC - ELECTRICAL CONTRACTOR EX - EXISTING F - FUSED M2 - MAGNETIC TWO SPEED M - MAGNETIC NC - MECHANICAL CONTRACTOR MM - MANUAL NA - NOT APPLICABLE NF - NON FUSED OW - OWNER TC - TEMPERATURE CONTRACTOR RF - ROOF RM - ROOM RPB - REMOTE PUSHBUTTON SC - SELF CONTAINED VC - VENTILATION CONTRACTOR WP - WEATHERPROOFED

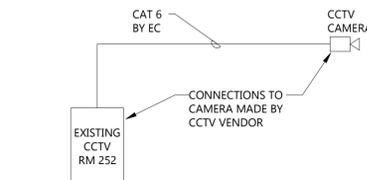
NOTES:
1. NOTE
2. NOTE
3. NOTE



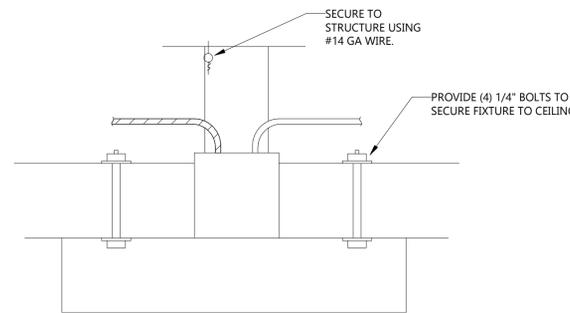
5 TYPICAL DETENTION DOOR WITH DOOR CONTROL
E801R 1/8" = 1'-0"



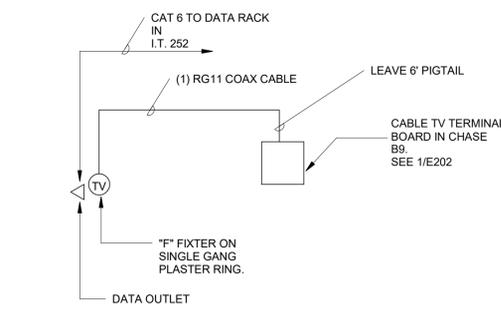
4 TYPE A AND B FIXTURE MOUNTING DETAIL
E801R NOT TO SCALE



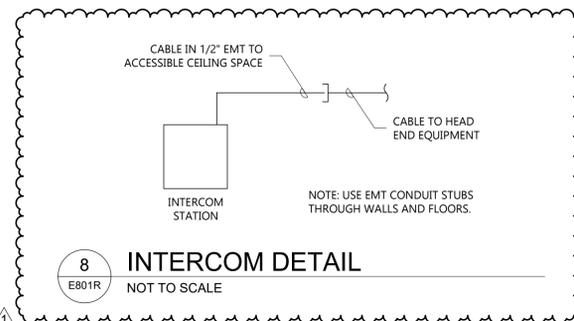
6 CCTV CAMERA WIRING
E801R NOT TO SCALE



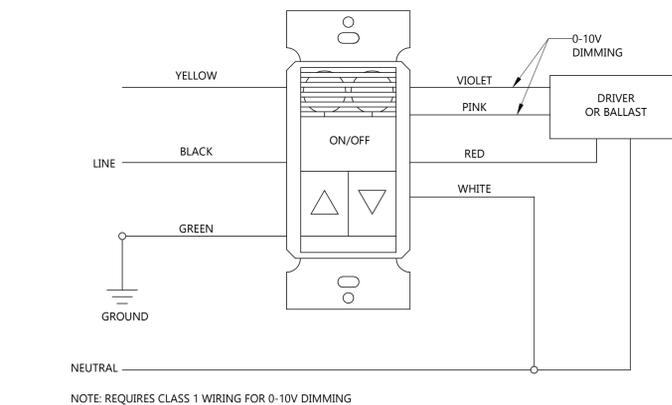
2 DATA/TELEPHONE ROUGH-IN DETAIL
E801R NOT TO SCALE



3 TYPICAL TV OUTLET WIRING
E801R NOT TO SCALE



8 INTERCOM DETAIL
E801R NOT TO SCALE



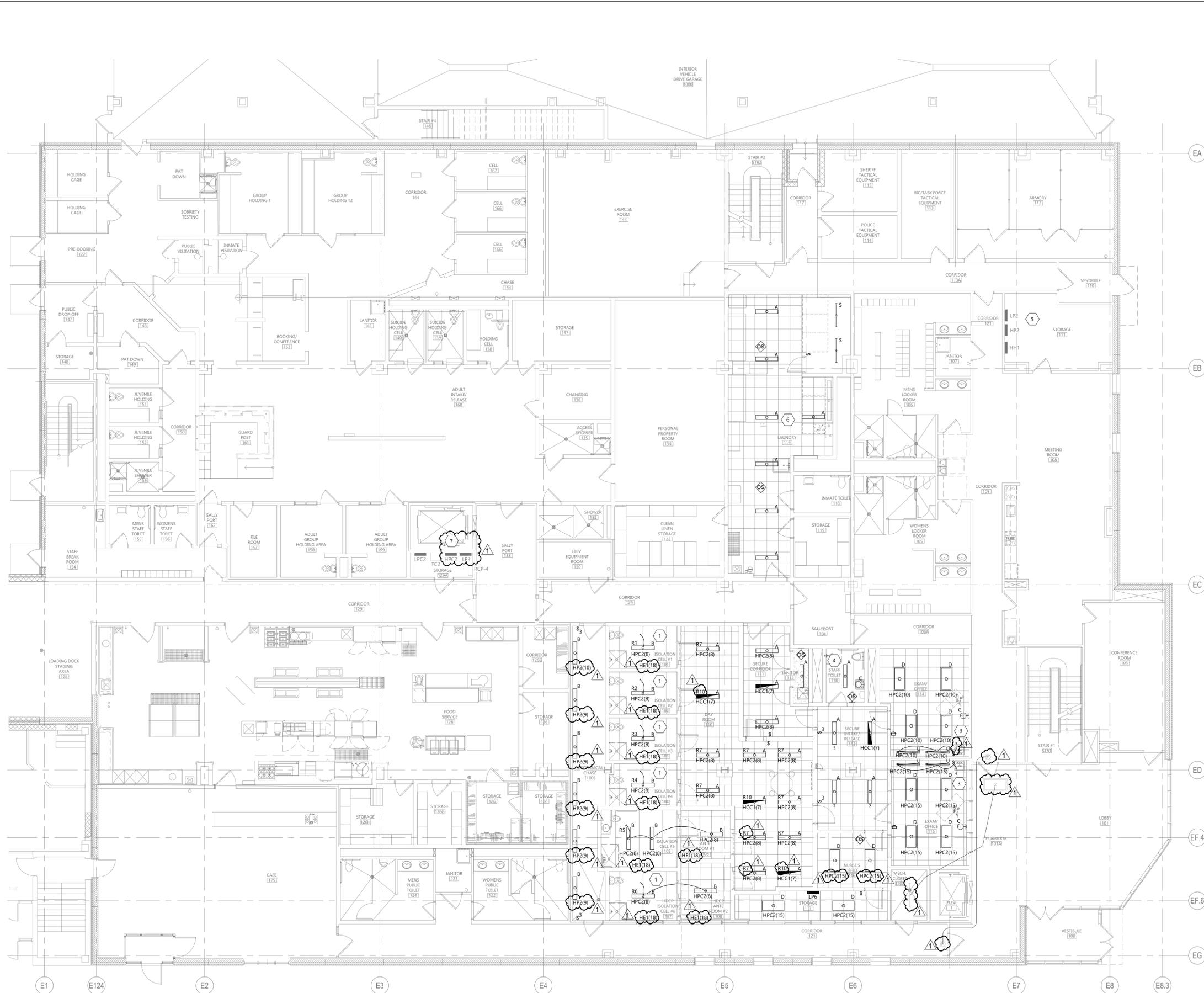
1 DUAL TECH SENSOR SWITCH OD WIRING DETAIL
E801R NOT TO SCALE

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.





GENERAL NOTES

- A. ELECTRICAL CONTRACTOR TO RECONNECT EXISTING LIGHTING CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- B. USE DETAIL 1/E802 FOR ALL SWITCHES.
- C. WIRE LIGHT FIXTURE CIRCUITS THROUGH RETURNS AS INDICATED. SEE URC-D RH.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. WIRE CIRCUIT THROUGH RELAY IN RELAY CABINET URC-D(10) AS INDICATED. CONNECT NIGHT LIGHTS IN CELL TO HEI(18) AND WIRE THROUGH URC-D(10).
- 2. DO NOT SWITCH EXAM LIGHT WITH ROOM LIGHTS. VERIFY MOUNTING HEIGHT WITH OWNER.
- 3. CONNECT TO RECEPTACLE CIRCUIT.
- 4. USE EXISTING ROUGH-IN WHERE POSSIBLE.
- 5. USE SPARE CIRCUIT BREAKER UPDATE PANEL INDEX.
- 6. CONNECT TO EXISTING CIRCUIT IN AREA. RECONNECT ANY ITEM UNINTENTIONALLY DISCONNECTED BY DEMOLITION.
- 7. SEE SHEET E903R.

EAPC
 Architecture | Engineering
 Interior Design | Industrial
 TELEPHONE **701.609.5290**
 313 Main Street, Suite 200, Williston ND 58801
 www.eapc.net

CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY

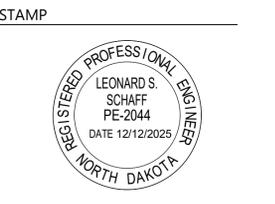
CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

COPYRIGHT:
 All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.



DRAWING TITLE
FIRST FLOOR LIGHTING
PLAN

E301R

Revit Model: 2025
 Plot Date: 2/2/2026 @ 8:55:59 AM

1 FIRST FLOOR LIGHTING PLAN
 E301R 1/8" = 1'-0"



CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
**WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY**

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: **20232310**
DRAWN BY: **SC**
CHECKED BY: **LS**

COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP



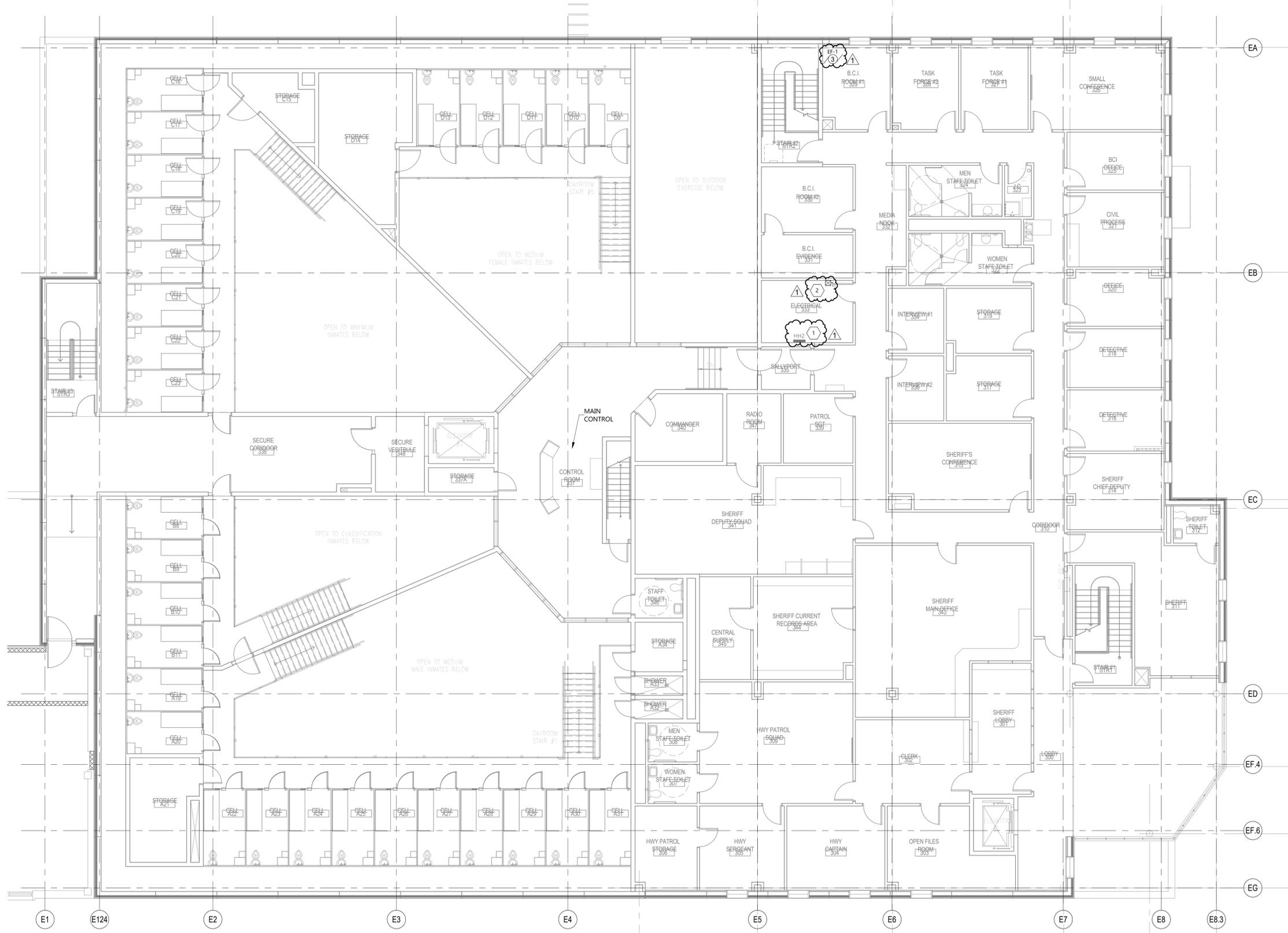
DRAWING TITLE
**THIRD FLOOR POWER
PLAN**

E203R

KEYNOTE LEGEND:

◊ ◊ ◊ INDICATES KEYNOTE ON PLAN

- ADD 20/3 CIRCUIT BREAKER AND UPDATE PANEL INDEX.
- COMBINATION STARTER/DISC FOR MOTOR #3 (EF-1) PROVIDE WIRING TO LAUNDRY ROOM ON FIRST FLOOR FOR CONTROL AS REQUIRED.



1 THIRD FLOOR POWER PLAN
E203R 1/8" = 1'-0"

Revit Version: 2025
 Plot Date: 2/2/2026 @ 8:58:17 AM



KEYNOTE LEGEND:

- ◊ <<< INDICATES KEYNOTE ON PLAN
- 1. NEW UTILITY RELAY CABINET URC-D. SEE SCHEDULE ON SHEET E802. COORDINATE LOCATION WITH EXISTING CONDITIONS CONNECT TO EXISTING CONTROL SYSTEM AS REQUIRED.
- 2. ADD (5) 20/1 CIRCUIT BREAKERS AND EXTEND TO SECURITY EQUIPMENT AS DIRECTED BY SECURITY AND/OR INTERCOM SUB-CONTRACTOR.



Architecture Engineering
Interior Design Industrial
TELEPHONE 701.609.5290
313 Main Street, Suite 200, Williston ND 58801
www.eapc.net

CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

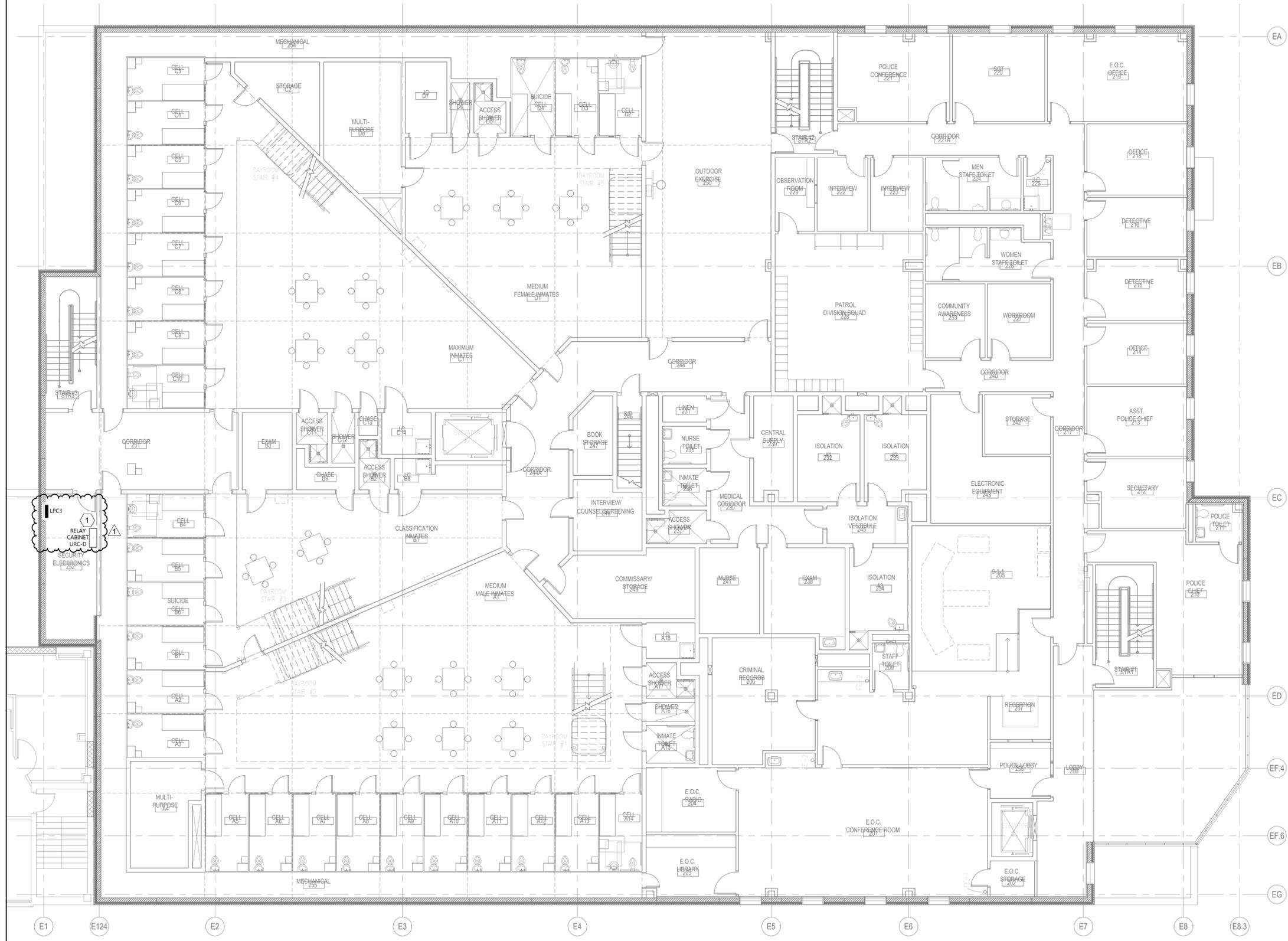
COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP



DRAWING TITLE
SECOND FLOOR
POWER PLAN

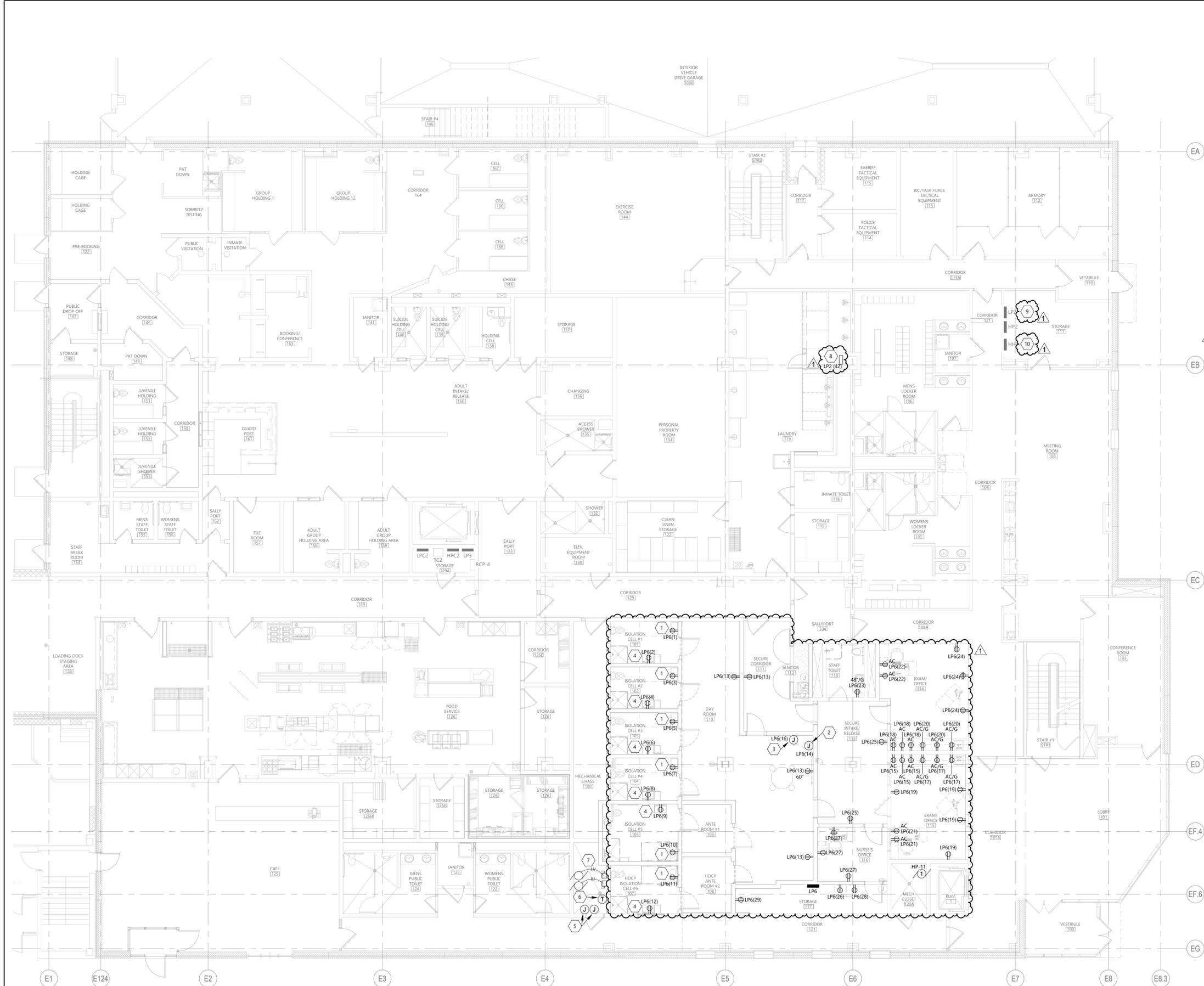
E202R



1 SECOND FLOOR POWER PLAN
E202R 1/8" = 1'-0"



Revit Version: 2025
 Plot Date: 2/2/2025 @ 8:55:16 AM



GENERAL NOTES

- A. USE METAL TWO PIECE RACEWAY ON EXISTING CMU WALLS. PAINT TO MATCH BACKGROUND. CONNECT WIRING IN NEW WALLS.
- B. USE DETAIL 1/E802R FOR ALL RECEPTACLES IN CELLS, DAY ROOM, SECURE CORRIDOR AND SECURE INTAKE AND RELEASE.
- C. WIRE RECEPTACLE CIRCUITS AND DOORS THROUGH RELAYS AS PER UTILITY RELAY CABINET URC-D SCHEDULE ON SHEET E802

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. OUTLET FOR TV SHALL BE LOCATED IN TV LOCK BOX. RECEPTACLE SHALL BE MOUNTED AT APPROXIMATELY 54" AFF. WIRE THROUGH RELAY.
- 2. INSTALL AND CONNECT RELOCATED VISITATION CENTER. VERIFY HEIGHT WITH OWNER.
- 3. INSTALL AND CONNECT RELOCATED CHARGING STATION. VERIFY WITH OWNER.
- 4. PROVIDE VANDAL RESISTANT SINGLE-GANG ELECTRICAL OUTLET IN SECURITY BOX WITH PADLOCK. BOX SHALL BE MADE OUT OF 304L STAINLESS STEEL 12 GAUGE. WIRE THROUGH RELAY.
- 5. EXISTING JUNCTION BOXES RELOCATED. SEE E101.
- 6. EXISTING THERMOSTAT RELOCATED. SEE E101.
- 7. EXISTING DISCONNECTS RECONNECTED AND REWIRED. SEE E101. RECONNECT COMPRESSORS RELOCATED BY OTHERS.
- 8. CONNECT NEW EB031 PRESSURE CONTROLLER.
- 9. UPDATE PANEL INDEX.
- 10. ADD 15/1 CIRCUIT BREAKER FOR MOTOR #1 AND UPDATE PANEL INDEX.



Architecture Engineering
Interior Design Industrial
TELEPHONE 701.609.5290
313 Main Street, Suite 200, Williston ND 58801
www.eapc.net

CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP



DRAWING TITLE
FIRST FLOOR POWER
PLAN

E201R

1 FIRST FLOOR POWER PLAN
E201R 1/8" = 1'-0"

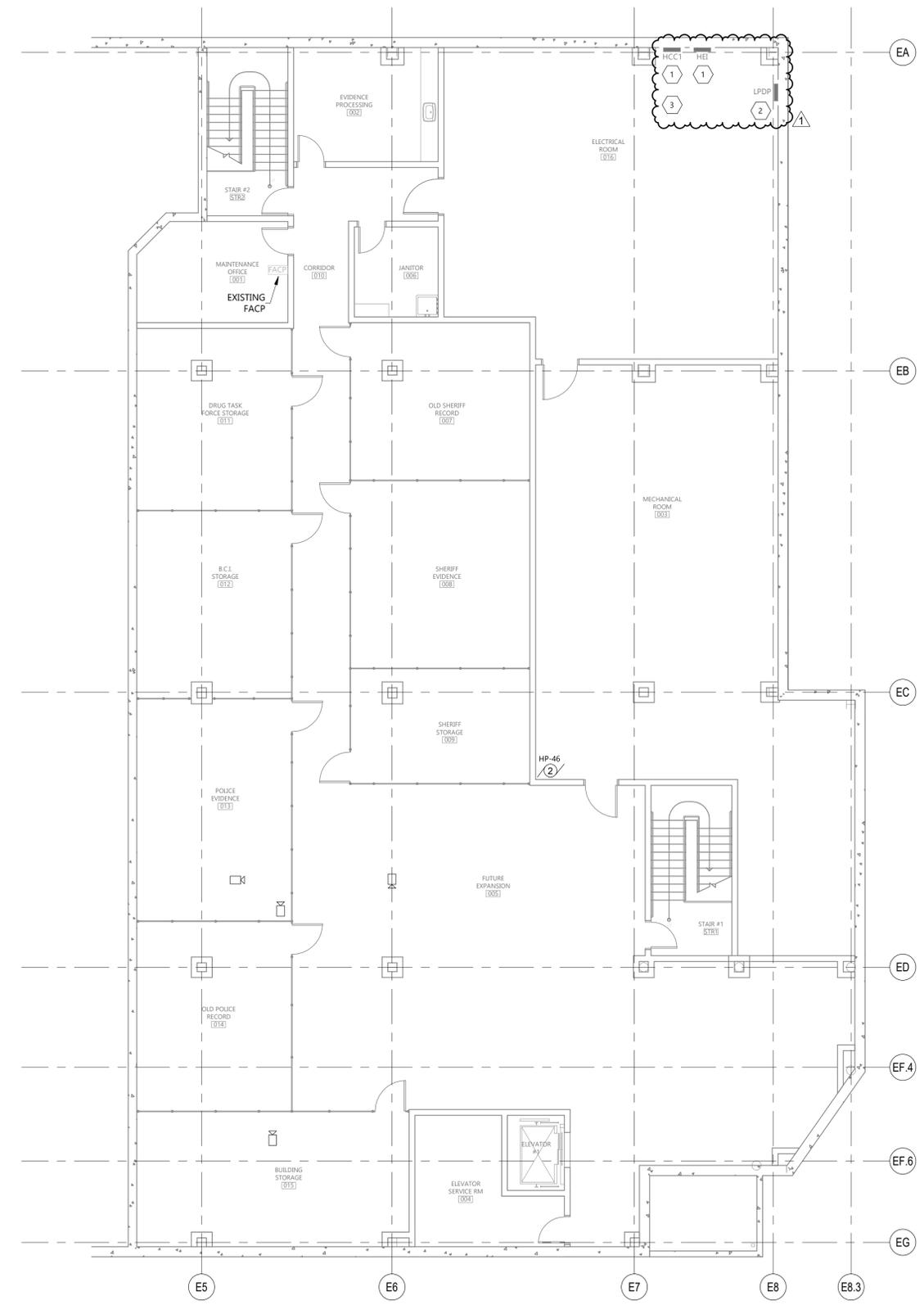
Revised: 12/19/2025
Plot Date: 2/2/2026 @ 8:55:15 AM



KEYNOTE LEGEND:

◊ ◊◊ INDICATES KEYNOTE ON PLAN

1. UPDATE PANEL INDEX TO REFLECT CHANGES.
2. ADD (1) 100/3 TO EXISTING SIEMENS 120/208V, 3 PHASE, DISTRIBUTION PANEL FOR NEW PANEL LP6.
3. SEE SHEET E903R.



1 BASEMENT FLOOR ELECTRICAL PLAN
E200R 1/8" = 1'-0"

CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

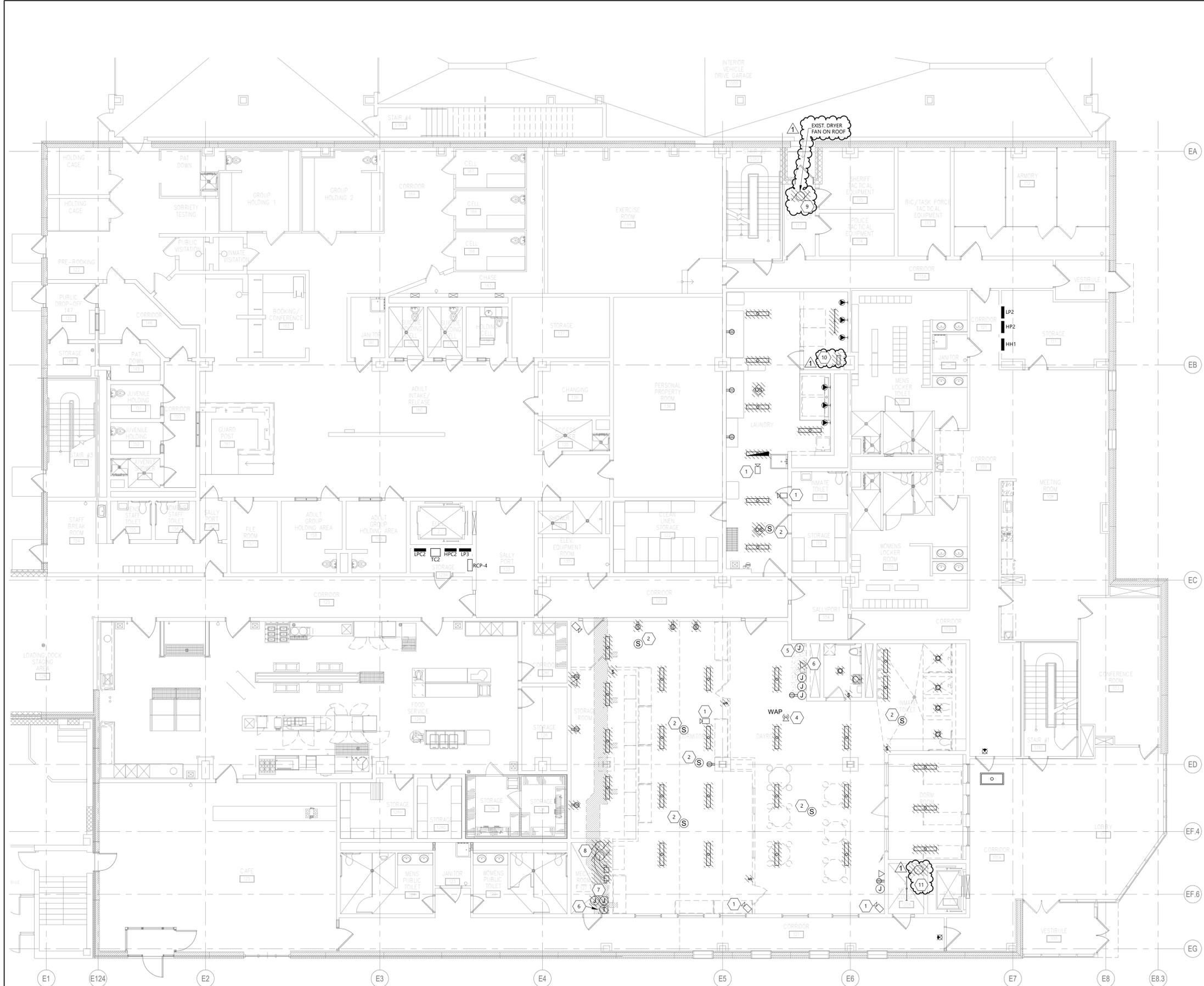
COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP



DRAWING TITLE
BASEMENT FLOOR
ELECTRICAL PLAN

E200R



GENERAL DEMO NOTES

- A. INDICATES ITEM TO BE REMOVED. DEMOLITION SHOWN ON THE DRAWING SHALL BE INTENDED ONLY AS A GUIDE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT & FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO BIDDING THEREIN TO DETERMINE THE AMOUNT OF WORK OF DEMOLITION REQUIRED. NO EXTRA COMPENSATION TO BE ALLOWED DUE TO MISUNDERSTANDING AS TO THE AMOUNT OF WORK INVOLVED DUE TO OF THEIR LACK OF KNOWLEDGE OF ANY EXISTING CONDITIONS.
- B. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- C. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. DISCONNECT EXISTING CAMERA, REMOVE AND TURN OVER TO OWNER.
- 2. DISCONNECT EXISTING SPEAKER, REMOVE AND REUSE. SEE 1/E401R.
- 3. DISCONNECT WIRELESS ACCESS POINT AND STORE FOR INSTALLATION IN NEW LOCATION SEE 1/E401R.
- 4. DISCONNECT EXISTING CHARGING STATION, REMOVE AND RELOCATE. SEE 1/E201R.
- 5. DISCONNECT EXISTING VISITATION STATION, REMOVE AND RELOCATE. SEE 1/E201R AND 1/E401R.
- 6. REMOVE JUNCTION BOXES (ONE FOR FIRE ALARM AND ONE FOR EXHAUST FAN) AND REROUTE AS REQUIRED BY DEMOLITION OF EXISTING WALL AND ADDITION OF NEW WALL. SEE E201.
- 7. REMOVE THERMOSTAT AND REROUTE WIRING TO NEW LOCATION. SEE E201.
- 8. REMOVE EXISTING DISCONNECTS FOR FREEZER AND COOLER COMPRESSORS AND REINSTALL ON NEW WALL. PULL OUT EXISTING CONDUCTORS BACK TO PANEL LPC2 (#12 FOR EACH UNIT), REROUTE CONDUIT TO DISCONNECTS ON NEW WALL AND PULL IN NEW CONDUCTORS. CONNECT UNITS AS SHOWN ON E201. ASSUME EXISTING WIRING IS IN CONCRETE DECK.
- 9. DISCONNECT EXISTING DRYER EXHAUST FAN ON ROOF. EXISTING POWER AND CONTROL WIRING MAY BE REUSED WHERE APPLICABLE. REMOVE UNUSED WIRING AND CONTROLS.
- 10. DISCONNECT EXISTING PRESSURE REGULATION FOR REMOVAL BY MC.
- 11. DISCONNECT EXISTING HEAT PUMP. REMOVE ANY WIRING NOT BEING REUSED.



Architecture Engineering
Interior Design Industrial
TELEPHONE 701.609.5290
313 Main Street, Suite 200, Williston ND 58801
www.eapc.net

CONSULTANTS

CLIENT
CLIENT NAME

PROJECT DESCRIPTION
WILLIAMS COUNTY
LAW ENFORCEMENT
CENTER INFIRMARY

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM #2	02/05/2026
CD	CONSTRUCTION DOCUMENTS	12/19/2025

PROJECT NO: 20232310
DRAWN BY: SC
CHECKED BY: LS

COPYRIGHT:
All plans, specifications, computer files, field data, notes and other documents and instruments prepared by EAPC as instruments of service shall remain the property of EAPC. EAPC shall retain all common law, statutory and other reserved rights, including the copyright there to.

STAMP



DRAWING TITLE
FIRST FLOOR
DEMOLITION PLAN

E101R

1 OVERALL FIRST FLOOR DEMOLITION PLAN
E101R 1/8" = 1'-0"



Revit Version: 2025 Plot Date: 2/25/2026 8:55:13 AM

SECTION 27 5122 – INTERCOM SYSTEM

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Work shall be included
 - a. Extend the existing intercom system into infirmary area as shown on drawing
 - b. Extend the existing paging system to the infirmary area and laundry area as shown on drawing
 - c. Provide all wire and conduit as required.
 - d. Coordination with various trades

B. Basis of Design

1. The contractor shall provide an extension to and modifications of the LEC intercom system and the existing paging system. Provide work and material required to provide for a workable and complete extension of the existing system.
2. Intercom system shall consist of Microcomm intercom stations as shown on drawings and all necessary wiring and modifications to existing headend equipment as required.
3. Paging system shall consist of relocating speakers and providing new 6” speakers with baffles to match existing.
4. Work shall be done by BEK Communications, contact Darin Rohrich, darinr@bektel.coop. Phone 701-214-7055

END OF SECTION 28 3000

SECTION 26 2416 - PANELBOARDS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Power distribution panelboards.
- B. Load centers.
- C. Overcurrent protective devices for panelboards.

1.2 RELATED REQUIREMENTS

- A. Section 26 0526 - Grounding and Bonding for Electrical Systems.
- B. Section 26 0529 - Hangers and Supports for Electrical Systems.
- C. Section 26 0553 - Identification for Electrical Systems: Identification products and requirements.
- D. Section 26 0573 - Power System Studies: Additional criteria for the selection and adjustment of equipment and associated protective devices specified in this section.
- E. Section 26 2200 - Low-Voltage Transformers: Small power centers with integral primary breaker, transformer, and panelboard.
- F. Section 26 2713 - Electricity Metering: For interface with equipment specified in this section.
- G. Section 26 2813 - Fuses: Fuses for fusible switches and spare fuse cabinets.
- H. Section 26 4300 - Surge Protective Devices.

1.3 REFERENCE STANDARDS

- A. FS W-C-375 - Circuit Breakers, Molded Case; Branch Circuit and Service; 2013e, with Amendments (2022).
- B. NECA 1 - Standard for Good Workmanship in Electrical Construction; 2023.
- C. NECA 407 - Standard for Installing and Maintaining Panelboards; 2015.
- D. NEMA EN 10250 - Enclosures for Electrical Equipment (1000 Volts Maximum); 2024.
- E. NEMA PB 1.1 - General Instructions for Proper Installation, Operation and Maintenance of Panelboards Rated 1000V or Less; 2023.
- F. NETA ATS - Standard For Acceptance Testing Specifications For Electrical Power Equipment And Systems; 2021.

- G. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- H. UL 50 - Enclosures for Electrical Equipment, Non-Environmental Considerations; Current Edition, Including All Revisions.
- I. UL 50E - Enclosures for Electrical Equipment, Environmental Considerations; Current Edition, Including All Revisions.
- J. UL 67 - Panelboards; Current Edition, Including All Revisions.
- K. UL 489 - Molded-Case Circuit Breakers, Molded-Case Switches and Circuit Breaker Enclosures; Current Edition, Including All Revisions.
- L. UL 1053 - Ground-Fault Sensing and Relaying Equipment; Current Edition, Including All Revisions.

1.4 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 1. Coordinate the work with other trades to avoid placement of ductwork, piping, equipment, or other potential obstructions within the dedicated equipment spaces and working clearances for electrical equipment required by NFPA 70.
 2. Coordinate arrangement of electrical equipment with the dimensions and clearance requirements of the actual equipment to be installed.
 3. Coordinate the work with other trades to provide walls suitable for installation of flush-mounted panelboards where indicated.
 4. Verify with manufacturer that conductor terminations are suitable for use with the conductors to be installed.
 5. Notify Architect of any conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work.

1.5 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide manufacturer's standard catalog pages and data sheets for panelboards, enclosures, overcurrent protective devices, and other installed components and accessories.
 1. Include characteristic trip curves for each type and rating of overcurrent protective device upon request.
- C. Shop Drawings: Indicate outline and support point dimensions, voltage, main bus ampacity, overcurrent protective device arrangement and sizes, short circuit current ratings, conduit entry locations, conductor terminal information, and installed features and accessories.
 1. Clearly indicate whether proposed short circuit current ratings are fully rated or, where acceptable, series rated systems.
- D. Manufacturer's Installation Instructions: Indicate application conditions and limitations of use stipulated by product testing agency. Include instructions for storage, handling, protection, examination, preparation, and installation of product.

- E. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements, for additional provisions.
 - 2. Panelboard Keys: Two of each different key.

1.6 QUALITY ASSURANCE

- A. Comply with requirements of NFPA 70.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. ABB: www.electrification.us.abb.com/#sle.
- B. Eaton Corporation: www.eaton.com/#sle.
- C. Schneider Electric: www.se.com/#sle.
- D. Siemens Industry, Inc: www.new.siemens.com/#sle.

2.2 PANELBOARDS - GENERAL REQUIREMENTS

- A. Provide products listed, classified, and labeled as suitable for the purpose intended.
- B. Unless otherwise indicated, provide products suitable for continuous operation under the following service conditions:
 - 1. Altitude: Less than 6,600 feet (2,000 m).
 - 2. Ambient Temperature:
- C. Short Circuit Current Rating:
 - 1. Provide panelboards with listed short circuit current rating not less than the available fault current at the installed location as indicated on the drawings.
 - 2. Listed series ratings are acceptable, except where not permitted by motor contribution according to NFPA 70.
 - 3. Label equipment utilizing series ratings as required by NFPA 70.
- D. Mains: Configure for top or bottom incoming feed as indicated or as required for the installation.
- E. Branch Overcurrent Protective Devices: Replaceable without disturbing adjacent devices.
- F. Bussing: Sized in accordance with UL 67 temperature rise requirements.
 - 1. Provide fully rated neutral bus unless otherwise indicated, with a suitable lug for each feeder or branch circuit requiring a neutral connection.
 - 2. Provide solidly bonded equipment ground bus in each panelboard, with a suitable lug for each feeder and branch circuit equipment grounding conductor.
- G. Conductor Terminations: Suitable for use with the conductors to be installed.

- H. Enclosures: Comply with NEMA EN 10250, and list and label as complying with UL 50 and UL 50E.
 - 1. Environment Type per NEMA EN 10250: Unless otherwise indicated, as specified for the following installation locations:
 - a. Indoor Clean, Dry Locations: Type 1.
 - b. Outdoor Locations: Type 3R.
 - 2. Boxes: Galvanized steel unless otherwise indicated.
 - a. Provide wiring gutters sized to accommodate the conductors to be installed.
 - b. Increase gutter space as required where sub-feed lugs, feed-through lugs, gutter taps, or oversized lugs are provided.
 - 3. Fronts:
 - a. Fronts for Surface-Mounted Enclosures: Same dimensions as boxes.
 - b. Fronts for Flush-Mounted Enclosures: Overlap boxes on all sides to conceal rough opening.
 - 4. Lockable Doors: All locks keyed alike unless otherwise indicated.
- I. Future Provisions: Prepare all unused spaces for future installation of devices including bussing, connectors, mounting hardware and all other required provisions.
- J. Ground Fault Protection: Where ground-fault protection is indicated, provide system listed and labeled as complying with UL 1053.
 - 1. Where electronic circuit breakers equipped with integral ground fault protection are used, provide separate neutral current sensor where applicable.

2.3 OVERCURRENT PROTECTIVE DEVICES

- A. Molded Case Circuit Breakers:
 - 1. Description: Quick-make, quick-break, over center toggle, trip-free, trip-indicating circuit breakers listed and labeled as complying with UL 489, and complying with FS W-C-375 where applicable; ratings, configurations, and features as indicated on the drawings.
 - 2. Interrupting Capacity:
 - a. Provide circuit breakers with interrupting capacity as required to provide the short circuit current rating indicated, but not less than:
 - b. Fully Rated Systems: Provide circuit breakers with interrupting capacity not less than the short circuit current rating indicated.
 - c. Series Rated Systems: Provide circuit breakers listed in combination with upstream devices to provide interrupting rating not less than the short circuit current rating indicated.
 - 3. Conductor Terminations:
 - a. Provide mechanical lugs unless otherwise indicated.
 - b. Lug Material: Aluminum, suitable for terminating aluminum or copper conductors.
 - 4. Electronic Trip Circuit Breakers: Furnish solid state, microprocessor-based, true rms sensing trip units.
 - 5. Multi-Pole Circuit Breakers: Furnish with common trip for all poles.
 - 6. Provide multi-pole circuit breakers for multi-wire branch circuits as required by NFPA 70.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify that the ratings and configurations of the panelboards and associated components are consistent with the indicated requirements.
- C. Verify that mounting surfaces are ready to receive panelboards.
- D. Verify that conditions are satisfactory for installation prior to starting work.

3.2 INSTALLATION

- A. Perform work in accordance with NECA 1 (general workmanship).
- B. Install products in accordance with manufacturer's instructions.
- C. Install panelboards in accordance with NECA 407 and NEMA PB 1.1.
- D. Arrange equipment to provide minimum clearances in accordance with manufacturer's instructions and NFPA 70.
- E. Provide required support and attachment in accordance with Section 26 0529.
- F. Install panelboards plumb.
- G. Mount panelboards such that the highest position of any operating handle for circuit breakers or switches does not exceed 79 inches (2000 mm) above the floor or working platform.
- H. Provide grounding and bonding in accordance with Section 26 0526.
- I. Install all field-installed branch devices, components, and accessories.
- J. Set field-adjustable ground fault protection pickup and time delay settings as indicated.
- K. Provide filler plates to cover unused spaces in panelboards.

3.3 FIELD QUALITY CONTROL

- A. See Section 01 4000 - Quality Requirements, for additional requirements.
- B. Inspect and test in accordance with NETA ATS, except Section 4.
- C. Molded Case Circuit Breakers: Perform inspections and tests listed in NETA ATS, Section 7.6.1.1 for all main circuit breakers and circuit breakers larger than _____ amperes. Tests listed as optional are not required.
- D. Ground Fault Protection Systems: Test in accordance with manufacturer's instructions as required by NFPA 70.
- E. Correct deficiencies and replace damaged or defective panelboards or associated components.

3.4 ADJUSTING

- A. Adjust tightness of mechanical and electrical connections to manufacturer's recommended torque settings.
- B. Adjust alignment of panelboard fronts.
- C. Load Balancing: For each panelboard, rearrange circuits such that the difference between each measured steady state phase load does not exceed 20 percent and adjust circuit directories accordingly. Maintain proper phasing for multi-wire branch circuits.

3.5 CLEANING

- A. Clean dirt and debris from panelboard enclosures and components according to manufacturer's instructions.
- B. Repair scratched or marred exterior surfaces to match original factory finish.

END OF SECTION 26 2416

SECTION 26 0200 - DEMOLITION

PART 1 GENERAL

1.1 SUMMARY

- A. This section includes demolition and remodeling work required to facilitate renovation of existing areas as shown on drawings and herein specified.
- B. Demolition work as shown on drawings is intended only as a guide. It shall be the responsibility of this Contractor to visit and familiarize himself with the site prior to bidding and thereby determine the amount of demolition required. No extra compensation will be allowed because of the Contractor's misunderstanding as to the amount of work involved or his lack of knowledge of any existing conditions.

PART 2 PRODUCTS (NOT APPLICABLE)

PART 3 EXECUTION

3.1 DEMOLITION

- A. Where items are removed, the Contractor shall also remove associated wire and conduit.
- B. Except for rough-in material, i.e., wire, conduit, boxes and items indicated for re-use, existing equipment which is removed shall remain the property of the Owner and shall be stored or disposed of by the Contractor as directed.

3.2 REMODELING

- A. Relocate existing conduits, wires, equipment, devices, fixtures or other equipment as required to adapt existing electrical systems to the new electrical systems.
- B. Existing rough-in may be reused if in good condition or as called for on drawings. Conductors, fuses and lamps shall be new.
- C. The Contractor shall provide appropriate face plates to cover unused boxes in existing walls. Boxes made inaccessible by new construction shall be removed and necessary conduit extensions and wiring shall be provided as required by the removal of said box.
- D. The Contractor shall reconnect circuits unintentionally interrupted by the replacement, removal or relocation of electrical equipment, walls, ceiling, floors, etc.
- E. Items indicated as being reused shall be cleaned, stored & installed. Make any repairs indicated.

3.3 CONTINUITY OF ELECTRIC SERVICE

- A. The existing building will be in use during this construction, and this contractor shall schedule and carry out his work in such a manner as to cause the Owner a minimum of inconvenience due to service interruptions. Service interruptions shall be confined to the smallest area possible at any one time and all interruptions shall require prior approval by the Owner. After service has been restored following an interruption, the electrical contractor shall inspect areas affected by the interruption and be responsible that automatically controlled electrically operated equipment is returned to the same operating condition which existed prior to the interruption.
- B. Prior to any power outage lasting longer than 60 minutes, the electrical contractor shall disconnect batteries from all existing battery-operated lights. Upon restoration of power, reconnect batteries.

END OF SECTION 26 0200