DOCUMENT 00 90 00
ADDENDUM

ADDENDUM: 3

DATE: MARCH 23, 2026

PROJECT: WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY TRAINING SIM CITY
11177 COUNTY HWY 1
SPARTA, WISCONSIN 54656
PROJECT NO. 25039

FROM: HSR Associates, Inc
100 Milwaukee Street
La Crosse, WI 54603
(608) 784-1830

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated FEBRUARY 2026. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of: 2 PAGES, 1 DOCUMENT, 1 SECTION, and 5 DRAWINGS.

CHANGES TO INTRODUCTORY INFORMATION AND BIDDING REQUIREMENTS:

1. Document 00 11 13 Advertisement for Bids
   a. See the revised document included in this addendum. Disregard the previous version.
   b. Revised the bid date from March 24, 2026 at 2:00pm to March 26, 2026 at 2:00 pm.

CHANGES TO SPECIFICATIONS:

2. Section 08 80 00 Glazing
   a. See the revised section included in this addendum. Disregard the previous version.
   b. Revised the requirements for GLT -3 to remove the mention of standing seam and change wording from “(UV) protected” to “(UV) resistant”:

2.02 PLASTIC SHEET GLAZING UNITS

A. GLT-3 - Polycarbonate Sheet: Ultraviolet (UV) resistant.
   1. Applications: Locations as indicated on drawings.
   2. Type: Monolithic (solid single layer) sheet.
   3. Silicone abrasion resistant coating for scratch resistance.
   4. Tint: Clear.
   5. Thickness: 1/2 inch.

CHANGES TO DRAWINGS

3. Sheet E001 SITE PLAN 21"x30"
    a. See the revised sheet included in this addendum. Disregard the previous version.
    b. Revised pole detail, site plan layout, and keynote. See clouded changes.
4. Sheet E200 POWER PLAN 21"x30"
    a. See the revised sheet included in this addendum. Disregard the previous version.
    b. Revised panel locations and modified keynotes. See clouded changes.
5. Sheet E400 Enlarged Plan 21"x30"
    a. See the revised sheet included in this addendum. Disregard the previous version.
    b. Revised panel locations and modified keynotes. See clouded changes.
6. Sheet E600 Lighting, motor and panelboard schedules 30"x42"
    a. See the revised sheet included in this addendum. Disregard the previous version.
    b. Revised Panelboard Schedule and Light Fixture Schedule. See clouded changes.
    c. Revised Light Fixture Schedule for product selection and added remarks.
7. Sheet E700 ELECTRICAL RISER 30"x42"
    a. See the revised sheet included in this addendum. Disregard the previous version.
    b. Revised Riser Diagram. See clouded changes.

END OF DOCUMENT 00 90 00

SECTION 00 11 13
ADVERTISEMENT FOR BIDS

Sealed bids for the construction of:

WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY TRAINING SIM CITY
11177 COUNTY HWY A
SPARTA, WISCONSIN 54656

will be received by:

WESTERN TECHNICAL COLLEGE
PHYSICAL PLANT OFFICE
505 9TH STREET NORTH
LA CROSSE, WISCONSIN 54601
GENE McCURDY - DIRECTOR, FACILITIES

until 2:00pm, March 26, 2026, after which they will be opened publicly and read aloud. Bids received after the time set for receipt of bids will not be accepted. Bids will not be accepted via electronic delivery. Bids will not be accepted from prime contractors that are not pre-qualified through the Owner's annual pre-qualification process.

In General the work includes but is not limited to construction of a simulated city for public safety training. Facility construction work includes erecting 1 (or 2 with alternate) residential style and 3 (or 4 with alternate) commercial style buildings. Work includes concrete, wood framing, wood trusses, wood casework, fabricated sliding partitions, hollow metal doors, aluminum storefront framed windows, polycarbonate glazing, and sectional doors. There is no plumbing. There is no HVAC. Electrical work includes electrical power and lighting. Site work includes earthwork, asphalt and concrete paving, water utility, stormwater, and turf.

All Work performed under this Contract shall have a 2 year Contractor obligation as specified in Section 00 73 00 Article 12.

Lump-sum Bids will be received on a SINGLE PRIME CONSTRUCTION CONTRACT FOR THE ENTIRE WORK including plumbing, fire protection, mechanical and electrical work.

The Project Drawings, Project Manual and other Bidding Documents may be examined at the following locations:

AE's Office: HSR ASSOCIATES, INC.
100 MILWAUKEE STREET
LA CROSSE, WI 54603
608-784-1830

Builder's Exchanges: LA CROSSE, WI
NORTHWEST REGIONAL (EAU CLAIRE/CHIPPEWA FALLS)
WAUSAU, WI
BUILDERS EXCHANGE OF WISCONSIN (APPLETON)
MINNEAPOLIS, MN

ROCHESTER, MN
CONSTRUCTCONNECT
DODGE DATA & ANALYTICS (WEST ALLIS, WI)

Electronic Bidding Documents (.pdf) will be available from HSR Associates, Inc. via Sharefile electronic distribution and will be distributed to the listed Builders Exchanges. Electronic versions of addenda will be distributed via the same systems.

Hardcopy Bidding Documents may be picked up at HSR Associates' office. Bidders may request shipment of hardcopies by sending a check made out to HSR Associates in the amount of $25.00. The shipping fee will not be refunded and must be received prior to shipment.

HSR Associates is responsible for distribution of addenda only to those who have requested project documents from HSR in formats described above.

HSR Associates will make AutoCAD files available to the Contractor following award of contract.

HSR Associates maintains a plan holder list at www.hsrassociates.com. This list includes only those who have requested plans from HSR and those who have requested to be added our list.

Bid Security in the amount of five percent (5%) of the maximum amount of the Bid must accompany each Bid as described in the Project Manual, Instructions to Bidders.

The Owner reserves the right to waive irregularities and to reject any or all Bids. Bids may only be withdrawn in accordance with the Project Manual, Instructions to Bidder

A non-mandatory pre-bid meeting will be conducted by the Owner and Architect/Engineer to answer questions and to enable bidders to examine conditions at the Project Site. Pre-Bid meeting will occur at **1:00 pm March 11, 2026** at the Main Building of the WTC Sparta Campus.

By: Gene McCurdy Title: Director, Facilities

Publish Date: Weeks of March 2, 2026 and March 9, 2026, La Crosse Tribune.

END OF DOCUMENT 00 11 13

SECTION 08 80 00
GLAZING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Plastic sheet glazing units.

B. Glazing compounds.

1.02 RELATED REQUIREMENTS

A. Applicable provisions of Division 1 govern the work of this section.

B. Section 08 11 13 - Hollow Metal Doors and Frames: Glazed lites in doors and borrowed lites.

C. Section 08 43 13 - Aluminum-Framed Storefronts: Glazing provided as part of storefront assembly.

1.03 REFERENCE STANDARDS

A. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test; 2015 (Reaffirmed 2020).

B. ASCE 7 - Minimum Design Loads and Associated Criteria for Buildings and Other Structures; Most Recent Edition Cited by Referring Code or Reference Standard.

C. ASTM C864 - Standard Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers; 2005 (Reapproved 2019).

D. ASTM C1036 - Standard Specification for Flat Glass; 2025.

E. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2025.

F. GANA (GM) - GANA Glazing Manual; 2022.

G. GANA (SM) - GANA Sealant Manual; 2008.

H. IGMA TM-3000 - North American Glazing Guidelines for Sealed Insulating Glass Units for Commercial & Residential Use; 1990 (Reaffirmed 2016).

1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements for procedures.

B. Provide submittal transmittals that include all submittal items identified in each submittal group below.

C. Review Submittals - Preparatory Group:
   1. Product Data on Insulating Glass Unit and Glazing Unit Glazing Types: Provide structural, physical and environmental characteristics, size limitations, special handling and installation requirements.
   2. Product Data on Glazing Compounds and Accessories: Provide chemical, functional, and environmental characteristics, limitations, special application requirements. Identify available colors. Coordinate the following information with product in Section 08 43 13 and 08 44 13; unit u-value, center of glass u-value and solar heat gain coefficient.

D. Closeout Submittals:
   1. See Section 01 78 00 - Closeout Submittals for additional information regarding documenting warranties.
   2. Warranty Documentation: Submit documentation of manufacturer's warranty that acknowledges the requirements defined in this section.
      a. Provide procurement information including date(s) of procurement, identification of suppliers and contractors involved in the procurement.
      b. Provide manufacturer certification of the warranty that is executed in the Owner's name.

1.05 QUALITY ASSURANCE

A. Perform Work in accordance with GANA (GM), GANA (SM), and IGMA TM-3000 for glazing installation methods. Maintain one copy on site.

B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years documented experience.

1.06 FIELD CONDITIONS

A. Do not install glazing when ambient temperature is less than 40 degrees F.

B. Maintain minimum ambient temperature before, during and 24 hours after installation of glazing compounds.

1.07 WARRANTY

A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.

B. Section Specific Warranty: Provide manufacturer's customized warranty as described in this section. Document the warranty as defined under the Submittals heading of this section. Provide warranty in conformance with the following:

1. Insulating Glass Units: Provide a ten (10) year manufacturer warranty to include coverage for seal failure, interpane dusting or misting, including replacement of failed units.

PART 2 PRODUCTS

2.01 PERFORMANCE REQUIREMENTS - EXTERIOR GLAZING ASSEMBLIES

A. Provide type and thickness of exterior glazing assemblies to support assembly dead loads, and to withstand live loads caused by positive and negative wind pressure acting normal to plane of glazing:

1. Design Pressure: Calculated in accordance with Components and Cladding Wind Pressures shown on S001.
2. Provide glazing edge support system sufficiently stiff to limit the lateral deflection of supported glazing edges to less than 1/175 of their lengths under specified design load.
3. Glazing thicknesses listed are minimum.

B. Weather-Resistive Barrier Seals: Provide completed assemblies that maintain continuity of building enclosure water-resistive barrier, vapor retarder, and/or air barrier.

1. In conjunction with weather barrier related materials described in other sections, as follows:
   a. Water-Resistive Barriers: See Section 07 25 00.

2.02 PLASTIC SHEET GLAZING UNITS

A. GLT-3 - Polycarbonate Sheet: Ultraviolet (UV) resistant.

1. Applications: Locations as indicated on drawings.
2. Type: Monolithic (solid single layer) sheet.
3. Silicone abrasion resistant coating for scratch resistance.
4. Tint: Clear.
5. Thickness: 1/2 inch.

2.03 ACCESSORIES

A. Setting Blocks: Silicone, with 80 to 90 Shore A durometer hardness; ASTM C864 Option II. Length of 0.1 inch for each square foot of glazing or minimum 4 inch by width of glazing rabbet space minus 1/16 inch by height to suit glazing method and pane weight and area.

B. Spacer Shims: Neoprene, 50 to 60 Shore A durometer hardness; ASTM C864 Option II. Continuous by one half the height of the glazing stop by thickness to suit application, self adhesive on one face.

PART 3 EXECUTION

3.01 VERIFICATION OF CONDITIONS

A. Verify that openings for glazing are correctly sized and within tolerances, including those for size, squareness, and offsets at corners.

B. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and support framing is ready to receive glazing system.

3.02 PREPARATION

A. Clean contact surfaces with appropriate solvent and wipe dry within maximum of 24 hours before glazing. Remove coatings that are not tightly bonded to substrates.

B. Seal porous glazing channels or recesses with substrate compatible primer or sealer.

C. Prime surfaces scheduled to receive sealant where required for proper sealant adhesion.

3.03 INSTALLATION, GENERAL

A. Install glazing in compliance with written instructions of glzaing, gaskets, and other glazing material manufacturers, unless more stringent requirements are indicated, including those in glazing referenced standards.

B. Install glazing sealants in accordance with ASTM C1193, GANA (SM), and manufacturer's instructions.

C. Do not exceed edge pressures around perimeter of glass lites as stipulated by glass manufacturer.

D. Prevent glazing from contact with any contaminating substances that may be the result of construction operations such as, and not limited to the following; weld splatter, fire-safing, plastering, mortar droppings, and paint.

3.04 INSTALLATION - DRY GLAZING METHOD (GASKET GLAZING)

A. Application - Exterior and/or Interior Glazed: Set glazing infills from either the exterior or the interior of the building.

B. Place setting blocks at 1/4 points with edge block no more than 6 inch from corners.

C. Rest glazing on setting blocks and push against fixed stop with sufficient pressure on gasket to attain full contact.

D. Install removable stops without displacing glazing gasket; exert pressure for full continuous contact.

3.05 CLEANING

A. Remove excess glazing materials from finish surfaces immediately after application using solvents or cleaners recommended by manufacturers.

B. Remove nonpermanent labels immediately after glazing installation is complete.

C. Clean glass and adjacent surfaces after sealants are fully cured.

D. Clean glass on both exposed surfaces not more than 4 days prior to Date of Substantial Completion in accordance with glass manufacturer's written recommendations.

3.06 PROTECTION

A. After installation, mark pane with an 'X' by using removable plastic tape or paste; do not mark heat absorbing or reflective glass units.

B. Remove and replace glass that is damaged during construction period prior to Date of Substantial Completion.

END OF SECTION

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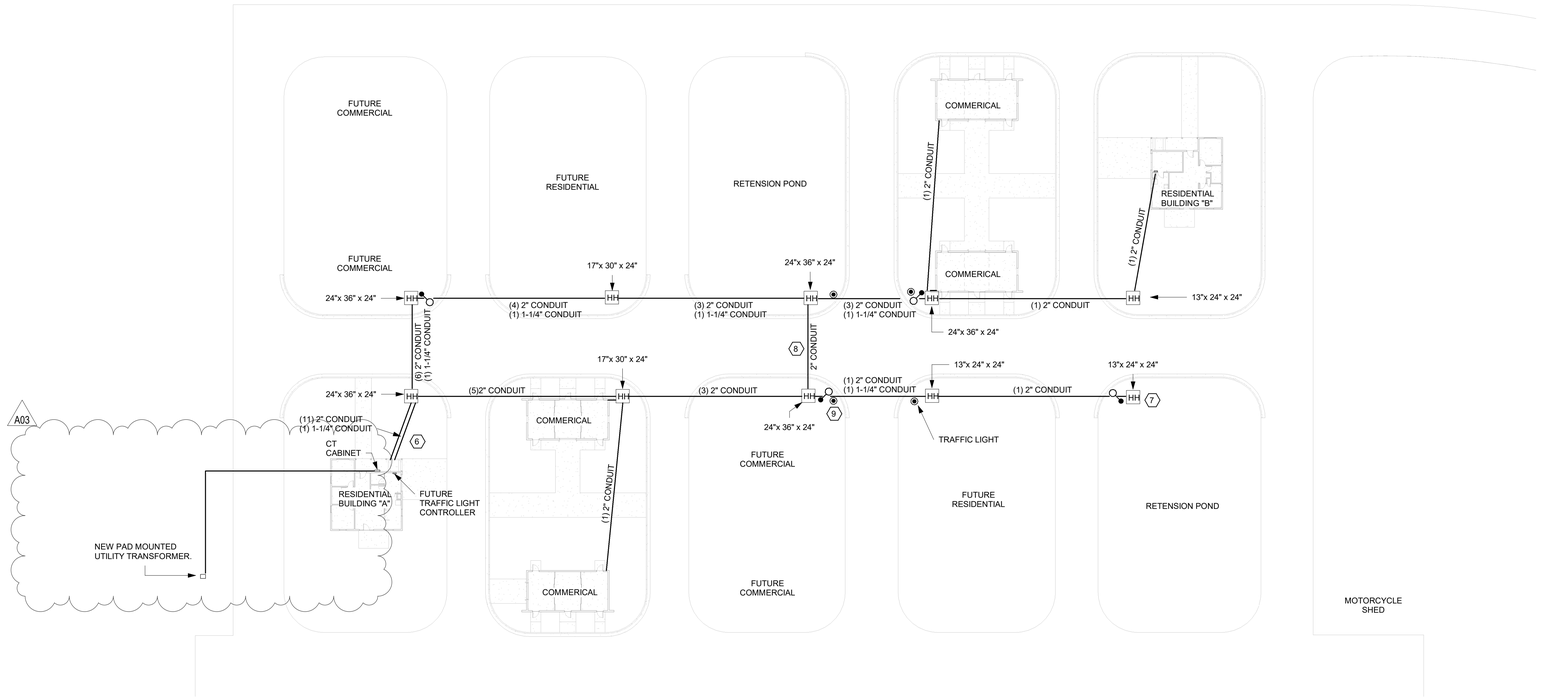
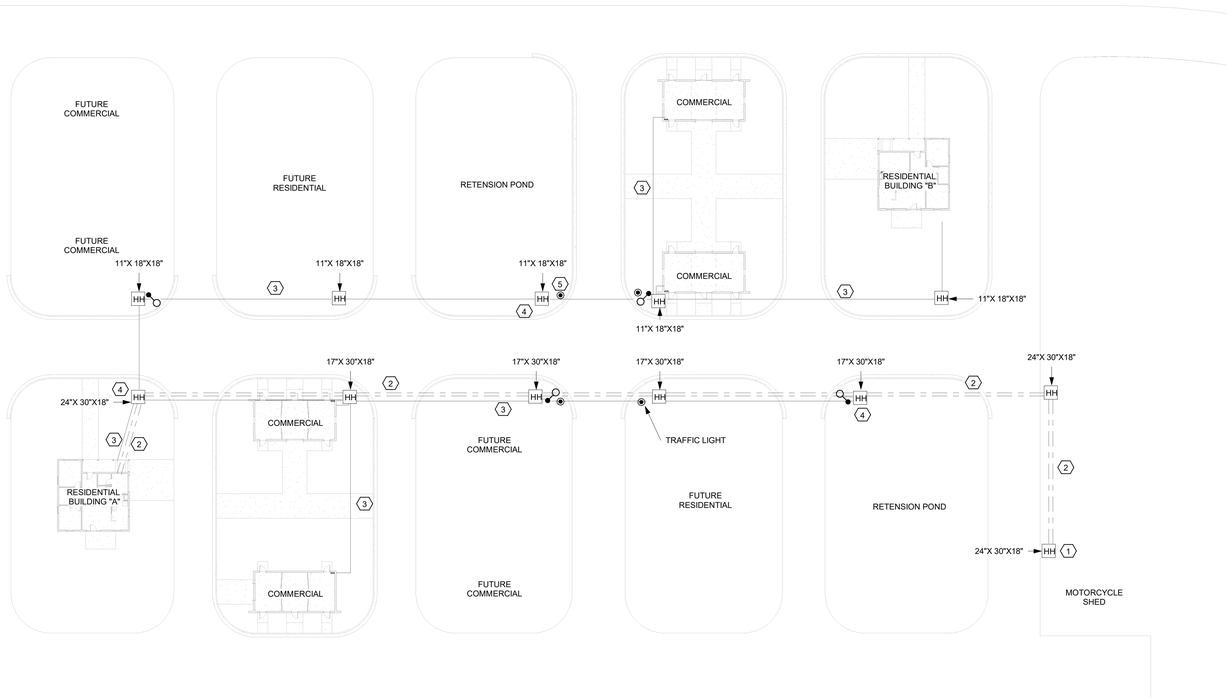


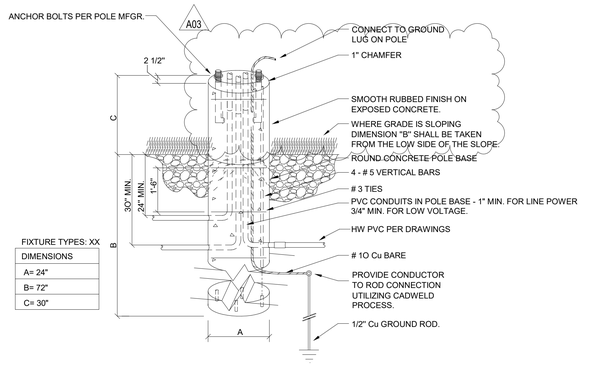
1 SITE PLAN

1" = 30'-0"



2 SITE PLAN LOW VOLTAGE CONDUIT

1" = 30'-0"



3 30in POLE BASE DETAIL

NTS

GENERAL NOTES :

1. PROVIDE GROUND CONDUCTOR IN ALL RACEWAYS.
2. PROVIDE FIRE STOPPING AND SMOKE DRAFT STOPPING AT ALL CONDUIT PENETRATIONS. REFER TO SPECIFICATION SECTION 07 84 00 FOR FIRE RESISTIVE AND NON-FIRE RESISTIVE ASSEMBLIES.
3. THE WORD "PROVIDE" MEANS TO FURNISH AND INSTALL.
4. SEE ARCHITECTURAL SHEETS FOR RELEVANT INTERIOR ELEVATIONS, SECTIONS AND MISCELLANEOUS BUILDING INFORMATION REQUIRED TO COMPLETE THE ELECTRICAL INSTALLATION.
5. CONTROL FOR ALL SITE LIGHTS TO BE PHOTOCELL ON/TIME CLOCK OFF.
6. ALL RECESSED FIXTURES WHICH PENETRATE THE BUILDING ENVELOPE (FROM HEATED SPACE TO A NON HEATED SPACE) SHALL BE PROPERLY SEALED OR BOXED OUT TO ELIMINATE AIR PASSING THROUGH TO ANOTHER SPACE.
7. USE A COMMON TRENCH FOR POWER AND LOW VOLTAGE. REFER TO NEC 830.133.

POLE MOUNTED AREA LIGHTING FIXTURE(S) - SINGLE LUMINAIRE

POLE MOUNTED TRAFFIC LIGHTS. OWNER SUPPLIED.

SITE KEY NOTES : (#)

1. PROVIDE (2) 4" FIBER OPTIC CONDUITS STUBBED IN HAND-HOLE WITH WEATHERPROOF CAP FOR FUTURE.
2. PROVIDE (2) 4" FIBER OPTIC CONDUITS. LOW VOLTAGE CONDUITS TO SHARE HAND-HOLES.
3. PROVIDE 2" PVC CONDUIT WITH PULL STRINGS AND HAND-HOLES FOR FUTURE LOW VOLTAGE CABLING.
4. ALL LOW VOLTAGE CONDUIT TO BE 18" HORIZONTALLY FROM ALL LINE VOLTAGE CONDUITS. LOW VOLTAGE HAND-HOLES TO BE MOUNTED FLUSH WITH GRADE. - TYPICAL.
5. PROVIDE 3/4" PVC CONDUIT FOR NEAREST HAND-HOLE TO EACH SITE LIGHT POLE. FEED UP FROM BASE AND CAP. - TYPICAL.
6. PROVIDE (2) 6" PVC CONDUITS. ONE FOR NORTH BUILDINGS AND ONE FOR SOUTH BUILDINGS.
7. PROVIDE HAND-HOLE AND MOUNTED FLUSH WITH GRADE.
8. PROVIDE 2" CONDUIT UNDER THE STREET TO CONNECT TRAFFIC LIGHTS CONTROLS.
9. PROVIDE 1" CONDUIT THROUGH BASE AND STUB WITH WEATHER PROOF CAP. COORDINATE WITH OWNER FOR POLE ANCHOR PATTERN - TYPICAL ALL TRAFFIC LIGHT LOCATIONS.

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: **WESTERN TECHNICAL COLLEGE**
SPARTA SIM CITY

Project Location: 11177 COUNTY ROAD A
SPARTA WI 54656

Sheet Title: **ELECTRICAL SITE PLANS**

HSR Project Number: **25039**

Project Date: **FEBURARY 2026**

Drawn By: **HSR**

Key Plan:

BID SET

Revisions:

No.	Description	Date
A02	ADDENDUM 2	03-13-2026
A03	ADDENDUM 3	03-23-2026

Graphic Scale: 0' 7.5' 15' 30' 45'

Last Update: **3/23/2026 4:11:40 PM**

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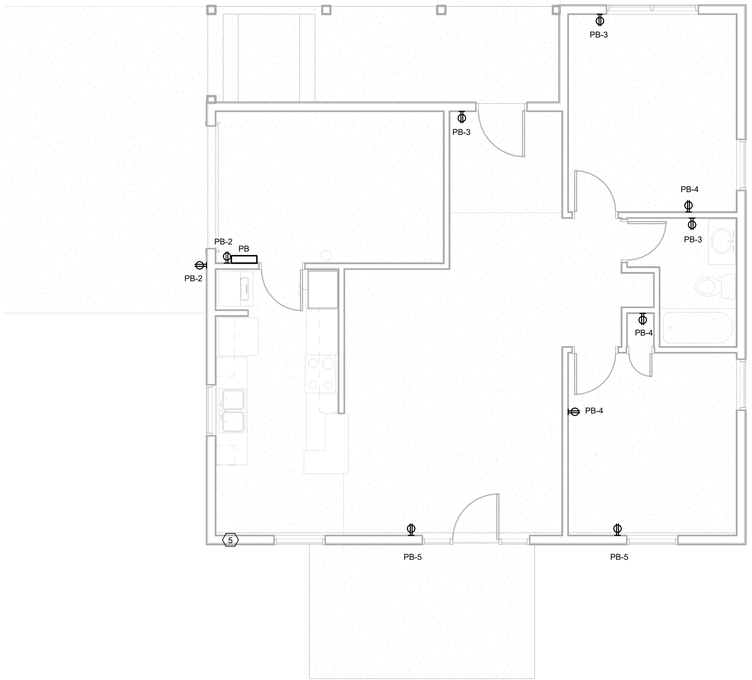
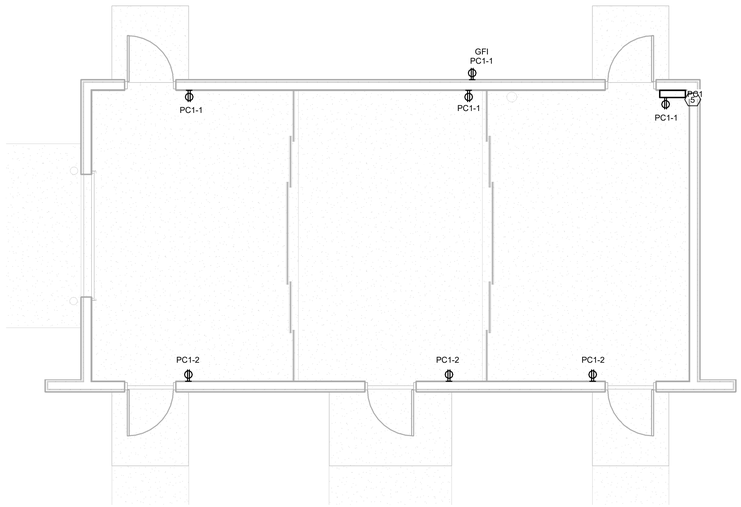


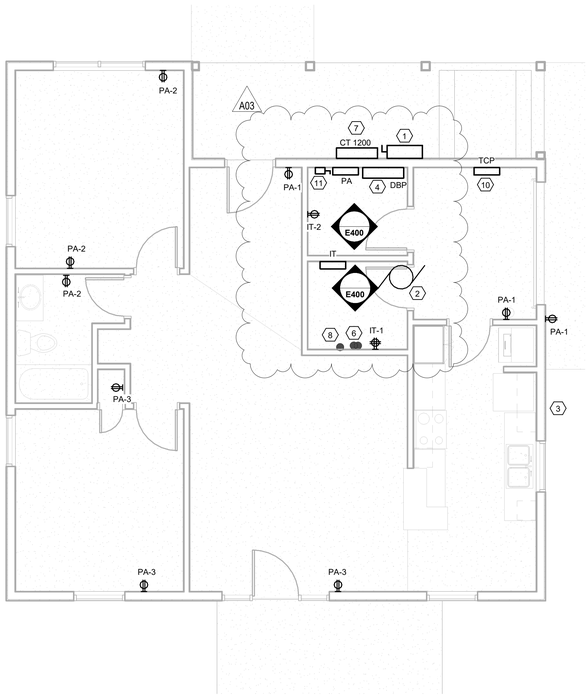
1 RESIDENTIAL UNIT "B" POWER PLAN

1/4" = 1'-0"



2 COMMERCIAL BUILDING POWER PLAN - TYPICAL

1/4" = 1'-0"



3 RESIDENTIAL UNIT "A" POWER PLAN

1/4" = 1'-0"

GENERAL NOTES :

A	PROVIDE GROUND CONDUCTOR IN ALL RACEWAYS.
B	PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR EACH BRANCH CIRCUIT.
C	THE WORD "PROVIDE" MEANS TO FURNISH AND INSTALL
D	SEE MOTOR, EQUIPMENT, HEAT PUMP SCHEDULES SHEET E600 FOR ALL PANEL DESIGNATIONS, AND CIRCUIT NUMBERS, AND BREAKER SIZES. RISER DIAGRAM ON E700
E	CIRCUIT NUMBERS INDICATED ON DRAWINGS ARE FOR REFERENCE. ELECTRICAL CONTRACTOR TO ARRANGE BRANCH CIRCUITS AS REQUIRED FOR WIRING AND LOAD BALANCING. INDICATE ACTUAL PANELBOARD CIRCUIT NUMBERS ON AS-BUILT DRAWINGS.
F	SEE ARCHITECTURAL SHEETS FOR RELEVANT INTERIOR ELEVATIONS, SECTIONS AND MISCELLANEOUS BUILDING INFORMATION REQUIRED TO COMPLETE THE ELECTRICAL INSTALLATION.
G	COORDINATE ALL HVAC WITH MECHANICAL CONTRACTOR REFERENCE HVAC DRAWINGS.
H	ALL 20 AMP, 125 AND 250 VOLT NONLOCKING TYPE RECEPTACLE SHALL BE LISTED TAMPER-RESISTANT RECEPTACLE.

POWER KEY NOTES : (#)

1.	SITE FUSED DISCONNECT TO ALL OTHER BUILDINGS. VERIFY LOCATION AND PLACEMENT WITH OWNER.
2.	WALL MOUNT INDOOR UNIT ABOVE DOOR.
3.	WALL MOUNT OUTDOOR UNIT 8' AFG.
4.	800 AMP DISRUPTION PANEL FOR SITE.
5.	2" LOW VOLTAGE CONDUIT THROUGH EXTERIOR WALL ABOVE CEILING, STUB, AND COVER WITH WEATHERPROOF CAP.
6.	(2) 4" FIBER OPTIC CONDUITS THROUGH FLOOR. MOUNT 4' AFF TO WALL, STUB, AND COVER WITH WEATHERPROOF CAP.
7.	WALL MOUNTED CT CABINET 1200A.
8.	2" CONDUIT THROUGH FLOOR MOUNT 4' AFF TO WALL, STUB, AND COVER WITH WEATHERPROOF CAP. CONDUIT FEEDS.
9.	FEED FROM PANEL "PA" CIRCUIT AND CONDUIT FROM "TCP" TO UNDERGROUND CONDUIT SEE FEEDER SCHEDULE.
10.	FUSED DISCONNECT FOR "IT" PANEL.
11.	

ARCHITECTURE
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Consultant:

Project Title: **WESTERN TECHNICAL COLLEGE**
SPARTA SIM CITY

Project Location: 11177 COUNTY ROAD A
SPARTA WI 54656

Sheet Title: **POWER PLANS**

HSR Project Number: **25039**

Project Date: **FEBURARY 2026**

Drawn By: **HSR**

Key Plan:

BID SET

Revisions:

No.	Description	Date
A03	ADDENDUM 3	03-23-2026

Graphic Scale: 0' 1' 2' 4' 6'

Last Update: **3/23/2026 4:11:46 PM**

E200

POWER KEY NOTES : (#)	
1.	SITE FUSED DISCONNECT TO ALL OTHER BUILDINGS. VERIEV LOCATION AND PLACEMENT WITH OWNER.
2.	WALL MOUNT INDOOR UNIT ABOVE DOOR.
3.	WALL MOUNT OUTDOOR UNIT 8' AFG.
4.	800 AMP DISRUPTION PANEL FOR SITE.
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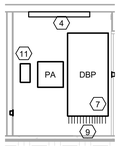
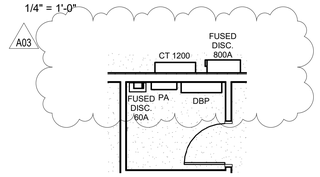
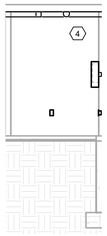
7.	WALL MOUNTED CT CABINET, 1200A.
8.	2" CONDUIT THROUGH FLOOR MOUNT 4" AFF TO WALL, STUB, AND COVER WITH WEATHERPROOF CAP.
9.	CONDUIT FEEDS.
10.	FEED FROM PANEL "PA". CIRCUIT AND CONDUIT FROM "TCP" TO UNDERGROUND CONDUIT SEE FEEDER SCHEDULE.
11.	FUSED DISCONNECT FOR "IT" PANEL.

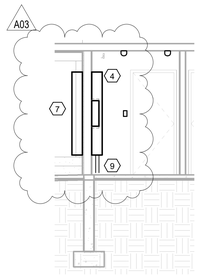


2 ELECTRICAL ROOM NORTH WALL
1/4" = 1'-0"



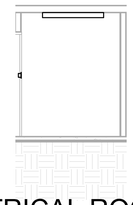


3 ELECTRICAL ROOM ENLARGED PLAN
1/4" = 1'-0"



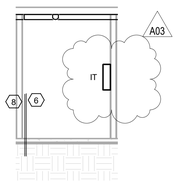
5 ELECTRICAL ROOM WEST WALL
1/4" = 1'-0"

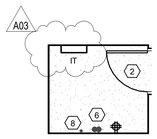
1 ELECTRICAL ROOM EAST WALL
1/4" = 1'-0"



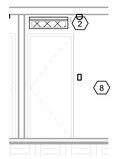
4 ELECTRICAL ROOM SOUTH WALL
1/4" = 1'-0"

7 IT ROOM NORTH WALL
1/4" = 1'-0"



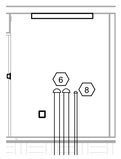


8 IT ROOM ENLARGED PLAN
1/4" = 1'-0"



10 IT ROOM WEST WALL
1/4" = 1'-0"

6 IT ROOM EAST WALL
1/4" = 1'-0"



9 IT ROOM SOUTH WALL
1/4" = 1'-0"

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Consultant:

Project Title: **WESTERN TECHNICAL COLLEGE**
SPARTA SIM CITY

Project Location: 11177 COUNTY ROAD A
SPARTA WI 54656

Sheet Title: **ENLAGED PLANS**

HSR Project Number: **25039**

Project Date: **FEBURARY 2026**

Drawn By: **HSR**

Key Plan:

BID SET

Revisions:

No.	Description	Date
A03	ADDENDUM 3	03-23-2026

Graphic Scale: 0' 1' 2' 4' 6'

Last Update: **3/23/2026 4:11:48 PM**

E400

A03

LIGHT FIXTURE SCHEDULE

Type	Manufacturer	Catalog	Description	Voltage	Mounting** F	S	P	O	Lamp	Remark Number*
E1	Hubbell Outdoor	TRP1	TRP Trapezoid HID/CFL	120		X			LED	
S30	Hubbell Outdoor Lighting	AIRO	SINGLE HEAD-TYPE III SITE LIGHT WITH 30,100 LUMEN	120				X	LED	1
SL4	FAIL-SAFE	QS-HVSL2-4-LD4-STD-40-UNV-O-EDC1	4' STRIP LIGHT WITH 4000 LUMEN POLYCARINBATE LENS IK 10 RATED	120		X			LED	3
SL8	FAIL-SAFE	QS-HVSL2-8-LD4-STD-40-UNV-O-EDC1	8' STRIP LIGHT WITH 6000 LUMEN POLYCARINBATE LENS IK 10 RATED	120		X			LED	3
TL	OWNER	OWNER SUPPIED	TRAFFIC LIGHT					X		2

* SEE REMARKS
** (F) FLUSH MOUNT; (S) SURFACE MOUNT; (P) PENDANT HUNG; (O) OTHER-SEE REMARKS IN REGARDS TO FIXTURE MOUNTING.

REMARKS:
1. POLE MOUNTED, 20FT, BRONZE FINISH, 4x4 SQUARE METAL WITH CAP AND HAND HOLE, MOUNTED TO 30" CONCRETE BASE SEE DETAIL ON E001.
2. POLE AND FIXTURE OWNER SUPPLIED, 30" CONCRETE BASE TO BE PREPARED AND WEATHER TIGHT CAPPED FOR FUTURE INSTALL. COORDINATE WITH OWNER.
3. FIXTURE TO BE VANDAL RESISTANT. IK 10 RATED

EQUAL FIXTURES:

a. FIXTURES EQUAL IN ALL RESPECTS TO THE SPECIFIED FIXTURES MANUFACTURED BY, PHILIPS, NUVOLIGHTING, COOPER LIGHTING, LITHONIA, COLUMBIA, HUBBELL, & DAYBRITE SHALL BE CONSIDERED AS EQUAL.

Motor Schedule

PLBG/HVAC EQUIP. No.	Equipment Description	Location	Motor Rating Power/AMP	Volt	PH.	Disconnect By MECH.	ELEC.	** TYPE	Starter By MECH.	ELEC.	*** TYPE	Control Wiring By MECH.	ELEC.	Wiring Size Conductors	EGC	Remark Number
MINI-SPLIT	MINI-SPILT	IT RA-08	30	208	2		X	F	X			X		10AWG		

SEE REMARKS
*** (CB) CIRCUIT BREAKER; (CS) COMBINATION STARTER/DISCONNECT; (F) FUSED SAFETY SWITCH; (NF) NOT FUSED SAFETY SWITCH; (TG) TOGGLE SWITCH(FVNR) FULL VOLTAGE NON-REVERSING MAGNETIC STARTER; (FVR) FULL VOLTAGE REVERSING MAGNETIC STARTER; (MS) MANUAL STARTER-WITH OVERLOAD PROTECTION; (MSW) MANUAL SWITCH-WITHOUT OVERLOAD PROTECTION; (MCC) MOTOR CONTROL CENTER; (PB) PUSH BUTTON STARTER; (VFD) VARIABLE FREQUENCY DRIVE

MOTOR SCHEDULE REMARKS:

1. UNIT IS FURNISHED DISCONNECT, PROVIDE SINGLE POINT ELECTRICAL CONNECTION.

A03

PANELBOARD SCHEDULE

PANEL: PB

LOCATION:	GARAGE RB-07	ELEC. SERVICE:	208Y/120 , 3 PH, 4 WIRE
MFGR.	SQ D	MAIN RATING:	100 A
TYPE	10kA AIC NEMA 1	MAIN TYPE:	MCB
SIZE: WIDTH		MOUNTING:	Surface
SIZE: DEPTH			

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
PB-1					...		1	20 A	Receptacle	PB-2
PB-3	Receptacle	20 A	1			...	1	20 A	Receptacle	PB-4
PB-5	Receptacle	20 A	1				1	20 A	Lighting	PB-6
PB-7										PB-8
PB-9										PB...
PB...										PB...
PB...										PB...
PB...										PB...

Notes:
PROVIDE TWO 120V 2OAMP SHARES.TIME DELAY CURRENT LIMITING FUSED.SNAP-IN BREAKERS ARE ACCECPTABLE IN THIS PANEL.

PANELBOARD SCHEDULE

PANEL: PA

LOCATION:	ELEC RA-09	ELEC. SERVICE:	208Y/120 , 3 PH, 4 WIRE
MFGR.	SQ D	MAIN RATING:	100 A
TYPE	22kA AIC NEMA 1	MAIN TYPE:	MCB
SIZE: WIDTH		MOUNTING:	Surface
SIZE: DEPTH			

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
PA-1	Receptacle	20 A	1	...			1	20 A	Receptacle	PA-2
PA-3	Receptacle	20 A	1		...		1	20 A	Lighting	PA-4
PA-5	SITE LIGHTS AND TRAFFIC LIGHTS	20 A	1			...				PA-6
PA-7										PA-8
PA-9										PA...
PA...										PA...
PA...										PA...
PA...										PA...

Notes:
PROVIDE TWO 120V 2OAMP SHARES.TIME DELAY CURRENT LIMITING FUSED. SNAP-IN BREAKERS ARE ACCECPTABLE IN THIS PANEL.

PANELBOARD SCHEDULE

PANEL: PC1 "TYPICAL COMMERCIAL BUILDING PANELS "

LOCATION:	AREA 3 CB-03	ELEC. SERVICE:	208Y/120 , 3 PH, 4 WIRE
MFGR.	SQ D	MAIN RATING:	100 A
TYPE	10kA AIC NEMA 1	MAIN TYPE:	MCB
SIZE: WIDTH		MOUNTING:	Surface
SIZE: DEPTH			

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
PC...	Receptacle	20 A	1	...			1	20 A	Receptacle	PC...
PC...	Lighting	20 A	1		...		1	20 A	Lighting	PC...
PC...										PC...
PC...										PC...
PC...										PC...
PC...										PC...
PC...										PC...
PC...										PC...

Notes:
PROVIDE TWO 120V 2OAMP SHARES.TIME DELAY CURRENT LIMITING FUSED.SNAP-IN BREAKERS ARE ACCECPTABLE IN THIS PANEL.

PANELBOARD SCHEDULE

PANEL: IT

LOCATION:	IT RA-08	ELEC. SERVICE:	208Y/120 , 3 PH, 4 WIRE
MFGR.	SQ D	MAIN RATING:	60 A
TYPE	22kA AIC NEMA 1	MAIN TYPE:	MLO
SIZE: WIDTH		MOUNTING:	Surface
SIZE: DEPTH			

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
IT-1	Receptacle IT ROOM	20 A	1	...			1	20 A	Receptacle ELECTRICAL ROOM	IT-2
IT-3					...		1	20 A	Lighting	IT-4
IT-5						...	2	20 A	MINI-SPLIT	IT-6
IT-7				...						IT-8
IT-9										IT-...
IT-...										IT-...
IT-...										IT-...
IT-...										IT-...

Notes:
PROVIDE TWO 120V 2OAMP SHARES.TIME DELAY CURRENT LIMITING FUSED. SNAP-IN BREAKERS ARE ACCECPTABLE IN THIS PANEL.

PANELBOARD SCHEDULE

PANEL: DBP

LOCATION:	ELEC RA-09	ELEC. SERVICE:	208Y/120 , 3 PH, 4 WIRE
MFGR.	SQ D	MAIN RATING:	800 A
TYPE	65kA AIC, NEMA 3	MAIN TYPE:	MLO
SIZE: WIDTH		MOUNTING:	Surface
SIZE: DEPTH			

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
DB...				...						DB...
DB...	PA	100 A	3		...		3	100 A	PB	DB...
DB...						...				DB...
DB...				...						DB...
DB...	PC1	100 A	3		...		3	100 A	PC4	DB...
DB...						...				DB...
DB...				...						DB...
DB...	PC2	100 A	3		...		3	100 A	PC3	DB...
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Notes:
TIME DELAY CURRENT LIMITING FUSED. PROVIDE (7) SPARE 3POLE 208/120V100A BREAKERS.

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Project Title: WESTERN TECHNICAL COLLEGE
SPARTA SIM CITY

Project Location: 11177 COUNTY ROAD A
SPARTA WI 54656

Sheet Title: LIGHTING, MOTOR AND PANELBOARD SCHEDULES

HSR Project Number: 25039

Project Date: FEBURARY 2026

Drawn By: HSR

Key Plan:

BID SET

Revisions:

No.	Description	Date
A03	ADDENDUM 3	03-23-2026

Graphic Scale:

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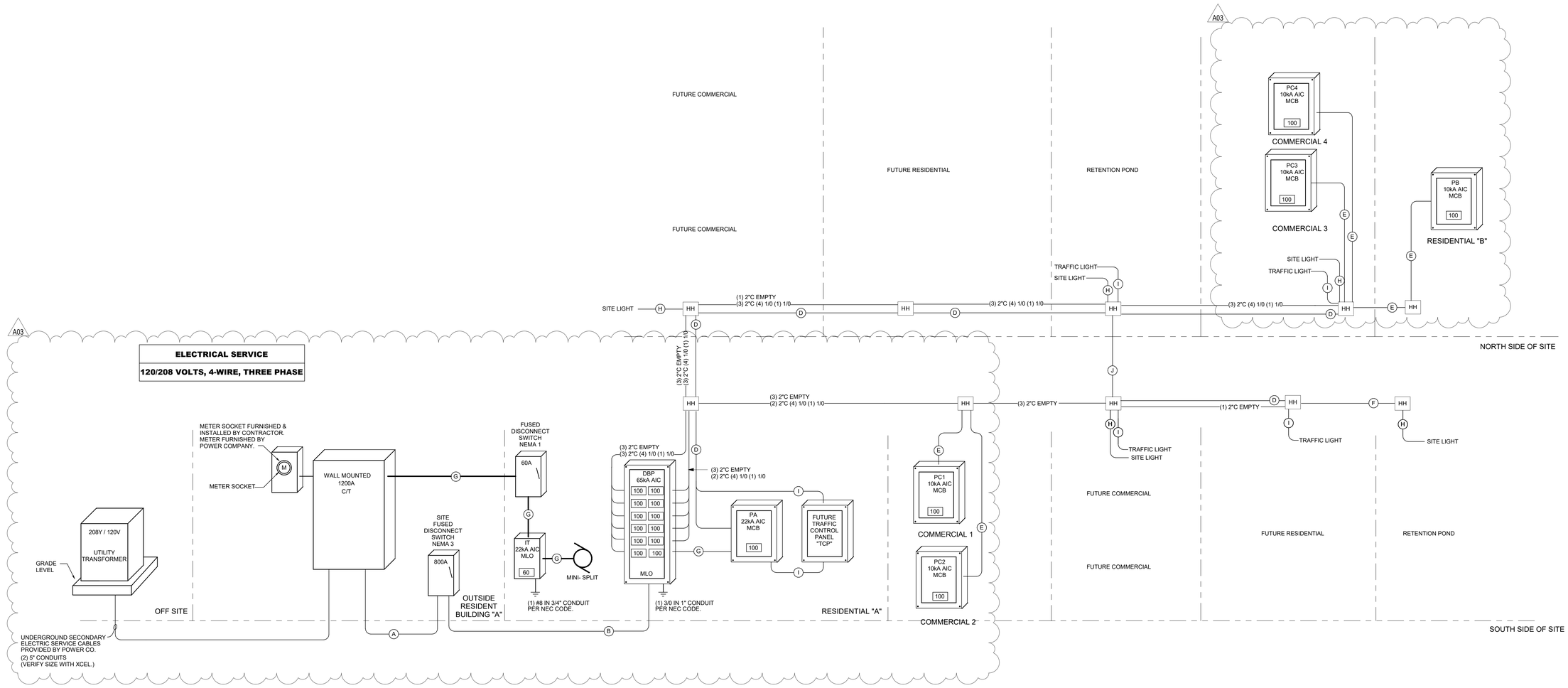
E600

FEEDER SCHEDULE

MARK NO.	CONDUIT SIZE	CONDUCTOR SIZE	GROUND SIZE	REMARKS
A	4"	(4) #500 kcmil	-	2 PARALLEL RUNS
B	4"	(4) #500 kcmil	# 3/0	2 PARALLEL RUNS
D	1 1/4"	(3) #10 & (6) #12	(3) # 12	
E	2"	(4) # 1/0	# 1/0	
F	2"	(3) #12	# 12	
G	1"	(3) #6	# 8	
H	3/4"	(3) #10	# 12	
I	1"	EMPTY		

A03



1 RISER DIAGRAM

NTS

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Project Title: **WESTERN TECHNICAL COLLEGE**
SPARTA SIM CITY

Project Location: **11177 COUNTY ROAD A**
SPARTA WI 54656

Sheet Title: **ELECTRICAL RISER**

HSR Project Number: **25039**

Project Date: **FEBURARY 2026**

Drawn By: **HSR**

Key Plan:

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E700