

DOCUMENT 00 90 00
ADDENDUM

ADDENDUM NO. [2] **Date: February 24, 2021**

RE: WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
11177 COUNTY HWY A
SPARTA, WISCONSIN 54656
HSR PROJECT NO. 20028

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 2021. 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 [5] pages, [1] Revised Bid Form, [1] specification section [21] 30 x 42 drawings and [1] prior product approval.

CHANGES TO PREVIOUS ADDENDUM: Addendum 1

1. Section 00 41 00 BID FORM (Revised)
 - a. Delete reference to this section. Revision II Bid Form attached to this addendum.
2. Section 01 23 00 ALTERNATES:
 - a. 1.05, A, 1: Exterior upgrades shall include exterior building lights, other similar items to be installed or revised on the exterior as a result of the new wall panels and electrical wiring to site sign.
 - b. 1.05, D, Alternate No. 3: Sixth line, delete "new generator". Generator is now a separate alternate.
3. Section 22 40 41 China and Enameled Fixtures and Trim:
 - a. 2.04: Add paragraph E as follows:
"Provide male adapter transition with brass/stainless steel thread at all valve locations."
 - b. 2.06: Add paragraph H as follows:
"Provide male adapter transition with brass/stainless steel thread at all stop locations."
 - c. 2.08 D: Add paragraph 6 as follows:
"Provide Sloan ETF-470-a check valve on hot and cold water."
4. Section 22 40 43 Electric Water Coolers/Drinking Fountains:
 - a. 2.02: Add paragraph F as follows:
"Provide male adapter transition with brass/stainless steel thread at all stop locations."

5. Section 22 40 45 Laundry Tubs:
 - a. 2.03: Revise paragraph C as follows:
“Fixture stop valves: Provide male adapter transition with brass/stainless steel thread at all stop locations. See below.”
6. Section 22 40 48 Stainless Steel Fixtures and Trim:
 - a. 2.04: Add paragraph H as follows:
“Provide male adapter transition with brass/stainless steel thread at all stop locations.”
 - b. 2.06 D: Add paragraph 6 as follows:
“Provide Sloan ETF-470-a check valve on hot and cold water.”
7. Division 26 Sheets:
 - a. Sheets E201, E301, & E501 were issued with Addendum #1, revisions of these same sheets for Addendum #2 are described below.

CHANGES TO SPECIFICATIONS:

8. Section 08 43 16 ALUMINUM FRAMED STOREFRONT
 - a. 2.03 A: Delete “thermally broken with interior section insulated from exterior”. Door frames shall be non-thermally broken.
9. Section 08 71 00 DOOR HARDWARE
 - a. Hardware Group 11: Remove door position switch from this hardware group.
 - b. Hardware Group 24: Change the list of doors included in this group from “DR. 133/153” to “DR. 133, 2M4”.
10. Section 09 65 00 RESILIENT FLOORING
 - c. 3.02: Add paragraph F as follows:
“Perform adhesive test on floor of existing room 113 Indoor Firing Range prior to applying flooring.”
11. Section 21 13 00 Fire Protection:
 - d. 2.04 C. 3: Remove this paragraph regarding XL Pipe in its entirety.
12. Section 23 57 19 Heat Exchangers for HVAC
 - e. Section attached hereto as part of Contract Documents.

CHANGES TO DRAWINGS

13. Sheet A090 FIRST FLOOR REMOVAL PLAN – AREA A 30 x42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Added general note to remove and reinstall outlet covers in corridors.
14. Sheet A091 FIRST FLOOR REMOVAL PLAN – AREA B 30 x42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Added general note to remove and reinstall outlet covers in corridors.
15. Sheet A100 FIRST FLOOR PLAN – AREA A 30 x42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Removal of projector screen from room 105.

16. Sheet A101 FIRST FLOOR PLAN – AREA B 30 x 42 attached hereto
 - a. Revisions clouded in Drawing
 - b. Added door number to identify existing door 133.
17. Sheet A102 SECOND FLOOR PLAN 30 x 42 attached hereto
 - a. Revisions clouded in Drawing
 - b. Added door number to identify existing door 2M4.
18. Sheet A110 FIRST FLOOR REFL CEILING PLAN – AREA A 30 x42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Removal of projector from room 105.
19. Sheet A120 ROOF PLAN – AREA A 30 x42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Revised roof plan notes to clarify scope of work.
20. Sheet A210 CASEWORK ELEVATIONS 30 x42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Added under cabinet light to 9A210. Contractor to provide a loose valance.
21. Sheet A601 Door Schedule 30 x42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Added existing door 2M4 to the schedule to include it in hardware group 24.
 - c. Revised dimensions at door styles E and F.
22. Sheet ID600 MASTER COLOR SCHEDULE 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
23. Sheet P000 NOTES AND SCHEDULES 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
 - b. PH sensor to be removed and not replaced. Replace (4) additional CPVC valves to Stainless steel not shown in detail 3.
24. Sheet P102 FIRST FLOOR PLAN – AREA A 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Bypass valves for hot water loop to lavatories in Women’s and Men’s bathroom.
25. Sheet P201 WATER RISER DIAGRAM 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Bypass valves for hot water loop to lavatories in Women’s and Men’s bathroom.
26. Sheet E101 FIRST FLOOR LIGHTING PLAN – AREA A 30 X 42 attached hereto
 - a. Revisions clouded on Drawing
 - b. In Kitchen #103; Empty keyed note symbol pointing at room number has been deleted and erased from the drawing.
 - c. In IT Room #1TI; Empty keyed note symbol has been deleted and erased from the drawing.
 - d. In EMS Training #105; Make 120VAC connection to reinstalled existing Lighting Fixture provided by Owner located above Hill Rom Head Board, final connection shall match previous installation. Refer to Photo #1/E101. Coordinate mounting height with WTC EMS Instruction Department. Refer to Clouded Change dated 2-24-2021 with keyed note #52.

- e. Refer to General Note 'B' located at top of each lighting plan sheet. This note has been revised to allow 'Wattstopper Manufacturer' as an approved lighting control manufacturer for this project. Please note ONLY Acuity n-Light, and Wattstopper Lighting Control Manufacturers are allowed to bid this project.

27. Sheet E102 FIRST FLOOR LIGHTING PLAN – AREA B 30 X 42 attached hereto

- a. Revisions clouded on Drawing
- b. In Vestibule 1H10; Provide a mini inverter and connect to exterior type 'OB' wall pack. Refer to clouded change with keyed note #2 dated 2-24-2021.
- c. In Vestibule 1H12; Provide a mini inverter and connect to exterior type 'OB' wall pack. Provide One (1) type 'OB' exterior wall sconce lighting fixture. Refer to clouded change with keyed note #2 dated 2-24-2021.
- d. In Vestibule 1H14; Provide a mini inverter and connect to exterior type 'OB' wall pack. Refer to clouded change with keyed note #2 dated 2-24-2021
- e. In Stair 1SS1; Provide a mini inverter and connect to exterior type 'OB' wall pack. Refer to clouded change with keyed note #2 dated 2-24-2021.
- f. Refer to Jail Cell #124; Provide One (1) type 'D' lighting fixture and One (1) single-pole light switch with a red pilot light. Refer to clouded change dated 2-24-2021.

28. Sheet E103 SECOND FLOOR LIGHTING PLAN – AREA B 30 X 42 attached hereto

- a. Revisions clouded on Drawing
- b. In DAAT Room #202; Provide a Daylight Sensor. Refer to clouded change with keyed note #18 dated 2-24-2021. In addition, delete Three (3) type 'BD4' lighting fixtures located at the West side of room due to relocated AHU in this room.
- c. In Classroom #204; Provide a Daylight Sensor. Refer to clouded change with keyed note #18 dated 2-24-2021.

29. Sheet E201 FIRST FLOOR POWER PLAN – AREA A 30 X 42 attached hereto

- a. Revisions clouded on Drawing
- b. In EMS Training Room #105; Install and make final connection to 120VAC Hill-Rom hospital head board provided by WTC (Owner). Refer to photo #1/E201. Refer to clouded change with keyed note #55 dated 2-24-2021. Coordinate mounting location with WTC.
- c. Refer to Utility/JC Room #1M3; Relocate double panelboard 'D' from this room to Corridor 1H8 as indicated. Refer to clouded change and keyed notes dated 2-24-2021.#53 and #54.
- d. Refer to Women's #1R5; Install and make final connection to Electric Hand Dryer provided by WTC. Refer to clouded change and keyed note #56 dated 2-24-2021.
- e. Refer to Men's #1R6; Install and make final connection to Electric Hand Dryer provided by WTC. Refer to clouded change and keyed note #56 dated 2-24-2021.

30. Sheet E202 FIRST FLOOR POWER PLAN – AREA B 30 X 42 attached hereto

- a. Revisions clouded on Drawing
- b. Refer to Fire Bay #122; Disconnect and Reconnect a motorized overhead door operator located on the East side of the room. Reuse existing branch-circuit wiring, disconnect, conduit, junction boxes, etc. to the extent possible. The intent is for a disconnect of the existing garage door and a reconnect of the new replaced garage door. Refer to clouded change with keyed note #57 dated 2-24-2021.

31. Sheet E203 SECOND FLOOR POWER PLAN – AREA B 30 X 42 attached hereto

- a. Revisions clouded on Drawing
- b. Refer to Mechanical Room #2M2; Existing 225 amp., 120/208VAC, 3-Phase, 4-Wire General Electric Panelboards 'A' and 'C' shall be disconnected, removed and replaced with new Square 'D' panelboards as noted on Partial Electric Riser Diagram 2/E201. Refer to clouded change and keyed note #58 dated 2-24-2021.

32. Sheet E301 FIRST FLOOR LOW VOLTAGE PLAN – AREA A 30 X 42 attached hereto

- a. Revisions clouded on Drawing
- b. Refer to EMS Training Room #105; Door Position Contact Switches have been added to the double exterior door. Refer to clouded change dated 2-24-2021.
- c. Refer to Vestibule Room #1H7; Card Reader, Electric Strike, and Request-to-Exit devices have been deleted from the double exterior door. Refer to clouded change dated 2-24-2021. Contact Position Switches remain.
- d. In IT Room #1TI; Empty keyed note symbol pointing at room number has been deleted and erased from the drawing. Refer to clouded change dated 2-22-2021.
- e. Refer to General Note A; Provide the following Hubbell, Nextspeed CAT6A Cables for this project: This note shall appear on All Low Voltage Sheets E301, E302 and E303:
 - i. C6ASPSB – Blue
 - ii. C6ASPSBK – Black
 - iii. C6ASPSGY – Gray
 - iv. C6ASPSGN – Green
 - v. C6ASPSOR – Orange
 - vi. C6ASPSP – Purple
 - vii. C6ASPSR – Red
 - viii. C6ASPSW – White
 - ix. C6ASPSY - Yellow

33. Sheet E501 ELECTRICAL SCHEDULES 30 X 42 attached hereto

- a. Refer to Lighting Fixture Schedule. Refer to clouded change dated 2-24-2021.

PRIOR APPROVALS

34. Section 09 67 00 Fluid Applied Flooring: Florock FloroChip

END OF DOCUMENT 00 90 00

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DOCUMENT 00 41 00

BID FORM (Revision II)

BIDDER: _____

BID FOR SINGLE PRIME CONTRACT

PROJECT: **WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
11177 COUNTY HWY A
SPARTA, WISCONSIN 54656**

TO: **WESTERN TECHNICAL COLLEGE
PHYSICAL PLANT OFFICE
505 9th STREET NORTH
LA CROSSE, WISCONSIN 54601
ATT: JAY McHENRY – DIRECTOR OF FACILITIES**

BASE BID

The undersigned, having examined the site where the Work is to be executed and become familiar with local conditions affecting the cost of the Work and carefully examined the Project Manual, the Project Drawings, all other Bidding Documents and Addenda thereto prepared by the AE, HSR Associates, Inc., hereby agrees to provide all labor, materials, equipment and services necessary for the complete and satisfactory execution of the ENTIRE WORK, in the time frame stipulated in these contract documents, for the Base Bid stipulated sum of:

_____ Dollars (\$_____ .00)

ALTERNATE BIDS

The undersigned further agrees to perform the alternative portions of the Work as described in the Project Manual, Section 01 23 00 Alternates, for the following additions to the Base Bid sum stipulated above:

Alternate No. 1 Exterior Upgrades

Add _____ Dollars (\$_____ .00)

Alternate No. 2A Interior Renovation

Add _____ Dollars (\$_____ .00)

Alternate No. 2B Restroom Renovation

Add _____ Dollars (\$_____ .00)

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Alternate No. 3 HVAC Remodel (For Base Bid & Alternates #1, #2A, #2B)

Add _____ Dollars (\$_____.00)

Alternate No. 3A HVAC Duct Cleaning

Deduct _____ Dollars (\$_____.00)

Alternate No. 3B Plate Heat Exchanger

Deduct _____ Dollars (\$_____.00)

Alternate No. 3C Flow Meters

Deduct _____ Dollars (\$_____.00)

Alternate No. 3D Infrared Radiant Tube Heaters

Deduct _____ Dollars (\$_____.00)

Alternate No. 3E Well Water Pipe Conversion

Deduct _____ Dollars (\$_____.00)

Alternate No. 4 Emergency Generator

Deduct _____ Dollars (\$_____.00)

BIDDER'S CHOICE SUBSTITUTIONS

The following Bidder's Choice Substitution is proposed for your consideration subject to the requirements set forth in Document 00 22 13 Supplementary Instructions to Bidders, Subparagraph 3.3.4:

Substitution No. S1:

For substituting _____

Type, Brand, Catalog No. _____

Manufacturer _____

Deduct from BASE BID _____ Dollars (\$_____.00)

In submitting this Bid, the undersigned agrees to:

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1. Hold this Bid open for **30** days.
2. Accept the provisions of Instructions to Bidders regarding disposition of Bid Security.
3. Enter into and execute an Agreement, if awarded on the basis of this Bid, and to furnish Performance and Labor and Material Payment Bonds according to the Supplementary Conditions.
4. Accomplish work according to the Contract Documents.
5. Complete the work by the time stated in Section 01 10 00 Summary of the Work.

Receipt of the following Addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Attached hereto are the required:

- a. Bid Security
- b. Section 00 45 13 Certificate of Organization and Authority
- c. Section 00 45 17 Non-Collusive Affidavit: An affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this Bid or any other bid or the submitting of bids for the contract for which this bid is submitted.
- d. Section 00 45 19 Certification of Non-segregated Facilities

FIRM NAME: _____

(Affix seal if Corporation)

By: _____

Title: _____

By: _____

Title: _____

Date: _____

Official Address: _____

Telephone: _____

END OF DOCUMENT 00 41 00

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SECTION 23 57 19

HEAT EXCHANGERS FOR HVAC

PART 1: GENERAL

1.01 RELATED DOCUMENTS

- A. Conditions of the Contract and portions of Division One of this Project Manual apply to this Section as though repeated herein.
- B. The requirements of Section 23 05 00 apply to this Section.

1.02 SUBMITTALS

- A. Submit in accord with Section 01 30 00.
 - 1. Shop drawings and descriptive product data describing all material furnished under Part 2 of this Section.

PART 2: PRODUCTS

2.01 HEAT EXCHANGERS (PLATE FRAME)

- A. Based on product by Taco.
 - 1. Adamson, American Standard, Bell and Gossett, Dunham-Bush, Lindy, Mueller, Patterson-Kelly, Tranter and Vicarb equals are acceptable.
- B. Heat exchanger shall be of type, size and capacities listed in schedules on Drawings.
- C. Heat exchanger shall be water to water plate type design with water in alternate plates. Unit shall be ASME constructed for design pressures of 150 psig.
- D. Plate type heat exchanger shall consist of a variable number of gasketed heat transfer channel plates, mounted on carrying bars and compressed by a movable pressure plate.
 - 1. Frame and pressure plates shall be corrosion resistant, epoxy painted, carbon steel.
 - 2. Carrying bar and channel plates shall be stainless steel.
 - 3. Gaskets shall be Nitrile.
 - 4. Include splashguards.

PART 3: EXECUTION

3.01 HEAT EXCHANGERS (PLATE FRAME)

- A. Mount on floor as recommended by manufacturer.
- B. All water piping shall be arranged with unions or flanges to permit removal of heat exchanger plates for cleaning.
- C. Provide inlet and outlet thermometers on all four water piping connections to heat exchanger.
- D. Provide a pressure gauge with gauge valves on both sides of the heat exchanger.

END OF SECTION 23 57 19



Consultant:

REMOVAL GENERAL NOTES:

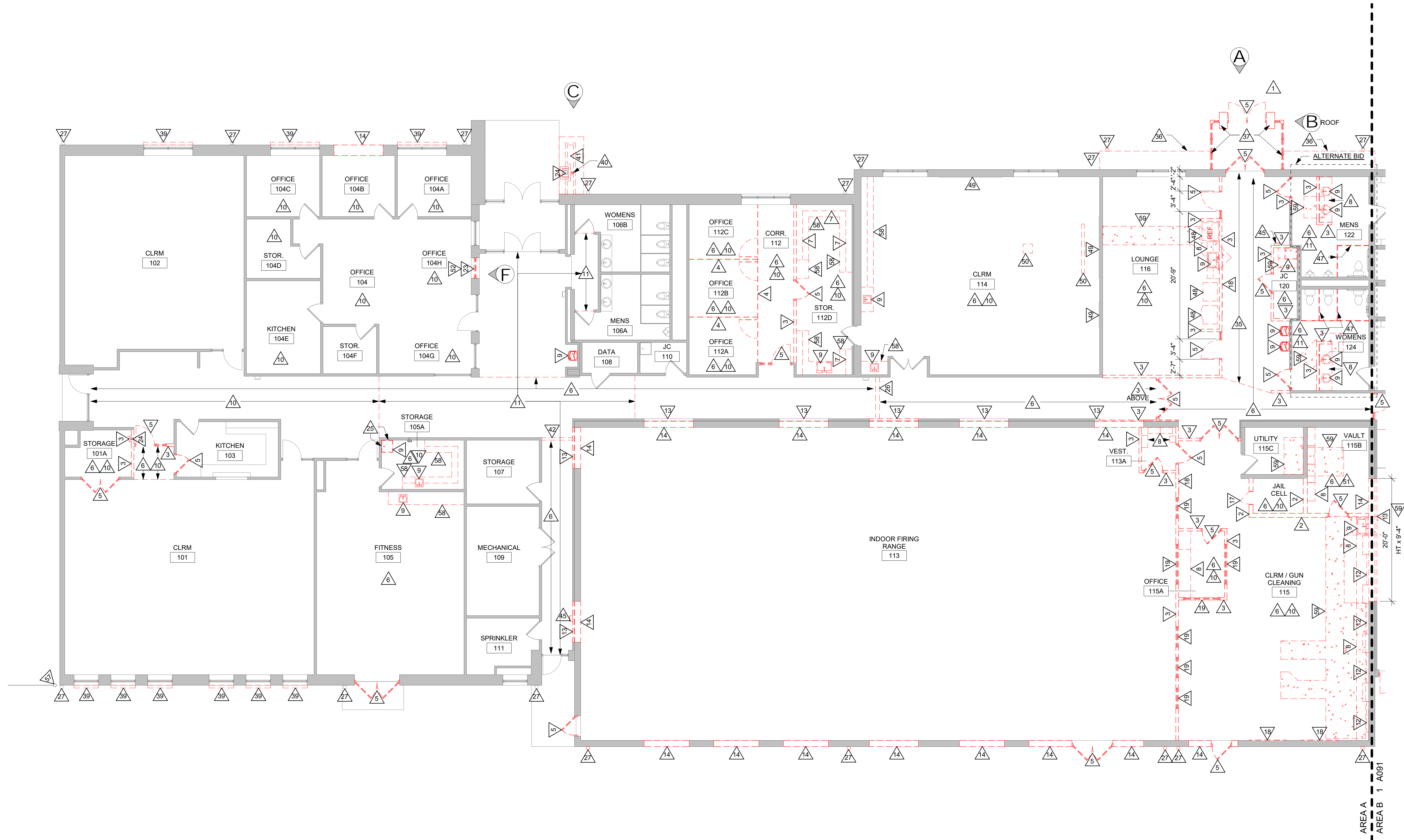
- A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.
- B. AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO, REMOVAL OF EXISTING FINISHES, TAPES, GYPSUM, MORTAR, AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE.
- C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.
- D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.
- E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATE PURPOSES ONLY.
- F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.
- G. PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.
- H. THROUGH OUT CORRIDORS ON FIRST FLOOR REMOVE OUTLETS COVERS AND REINSTALL OVER NEW WALL FINISH.

REMOVAL PLAN LEGEND:

- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- REMOVE ITEMS NOTED WITH DASHED LINES
- SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE
- PHOTO LOCATIONS- SEE SHEET A092

KEY NOTES REMOVAL

- 1 SEE CIVIL SHEETS FOR SITE REMOVAL REQUIREMENTS.
- 2 REMOVE EXISTING WALL (CMU/BRICK) PATCH WITH FLOORING LEVELER. PATCHING TO RECEIVE NEW FLOORING.
- 3 REMOVE EXISTING WALL (FRAMED). PATCH WITH FLOORING LEVELER. PATCHING TO RECEIVE NEW FLOORING.
- 4 REMOVE EXISTING DEMOUNTABLE PARTITION WALL. SALVAGE TO OWNER.
- 5 REMOVE EXISTING DOOR & FRAME.
- 6 REMOVE EXISTING CEILING (ACT).
- 7 REMOVE EXISTING CEILING (GYP/FIT GYP).
- 8 REMOVE EXISTING CASEWORK.
- 9 REMOVE EXISTING PLUMBING FIXTURE. SEE PLUMBING SHEETS.
- 10 REMOVE EXISTING FLOORING (CARPET/TRESLENT).
- 11 REMOVE EXISTING FLOORING (TILE & MORTAR).
- 12 REMOVE MECHANICAL EQUIPMENT. SEE MECHANICAL SHEETS.
- 13 CREATE NEW OPENING IN EXISTING WALL (GYP).
- 14 CREATE NEW OPENING IN EXISTING WALL (CMU). TOOTH IN NEW MASONRY @ JAMBS. SEE FLOOR PLANS FOR LOCATIONS, AND WINDOW TYPES FOR OPENING SIZES.
- 15 REMOVE EXISTING METAL STAIR, RAILINGS & STAIR SUPPORT STRUCTURE.
- 16 REMOVE EXISTING FROST STOOP. SEE STRUCTURAL SHEETS.
- 17 REMOVE EXISTING JAIL CELL DOOR. SALVAGE FOR RE-INSTALLATION.
- 18 REMOVE EXISTING SMARTBOARD, WHITEBOARD OR BULLETIN BOARD.
- 19 REMOVE EXISTING WINDOW.
- 20 REMOVE EXISTING CONCRETE CURB. SEE STRUCTURAL SHEETS.
- 21 REMOVE EXISTING METAL GRATE.
- 22 REMOVE EXISTING LADDER.
- 23 REMOVE EXISTING WINDOW. REMOVE WALL TILE BUTTING FRAME FROM RM 104 SIDE. WALL TILE BUTTING WDO FRAME FROM HALLWAY TO REMAIN. SEE JAMB/TAL.
- 24 EXISTING COLUMN TO REMAIN.
- 25 REMOVE EXISTING TILE BASIN SURROUND.
- 26 REMOVE EXISTING BULKHEAD (CMU).
- 27 REMOVE EXISTING DOWNSPOUTS AND HEAT TAPE. SALVAGE HEAT TAPE FOR REINSTALLATION AFTER METAL WALL PANELS ARE INSTALLED. COORDINATE WITH ELECTRICAL.
- 28 REMOVE CONCRETE FLOOR AS REQUIRED FOR INSTALLATION OF NEW THICKENED SLAB.
- 29 REMOVE CONCRETE CONTAINMENT TRAINING UNIT. PATCH FLOOR W/ CEMENTIOUS FILLER @ REMOVED AREA.
- 30 REMOVE CONCRETE FILLED PIPE BOLLARD. INFILL FLOOR WITH CONCRETE AS REQUIRED.
- 31 REMOVE CONCRETE TOPPING AND PRECAST PLANKS. SEE STRUCTURAL SHEETS.
- 32 REMOVE EXISTING WINDOW AND FRAME.
- 33 REMOVE EXISTING PIPE RAILING AND TOE KICK. SALVAGE FOR REUSE. SEE A102 FOR REUSE LOCATIONS.
- 34 REMOVE EXISTING METAL LADDER AND CAGE. SALVAGE TO OWNER.
- 35 REMOVE 2 FLOORING LAYERS. CERAMIC TILE / MORTAR AND VCT.
- 36 REMOVE EXISTING OVERHANG. TRIM JOIST EXTENSIONS.
- 37 REMOVE ENTIRE VESTIBULE INCLUDING FOUNDATION & ROOF SYSTEM.
- 38 REMOVE EXISTING METAL BALCONY AND RAILING.
- 39 REMOVE EXISTING DECORATIVE MASONRY HEADER.
- 40 REMOVE EXISTING FALSE COLUMN AND BRACKETS.
- 41 REMOVE EXISTING CMU, CONCRETE & TILE TO TOP OF EXISTING PRECAST SEAT.
- 42 REMOVE EXISTING BULKHEAD (GYP).
- 43 REMOVE EXISTING GYP. BD. FOR MECHANICAL ACCESS TO CHASE - COORDINATE WITH MECHANICAL. - SEE MECHANICAL SHEETS.
- 44 REMOVE EXISTING DOOR & FRAME. SALVAGE ALL DOOR HARDWARE TO BE REUSED IN REPLACEMENT DOORS - SEE DOOR HARDWARE SPEC.
- 45 REMOVE EXISTING FIRE EXTINGUISHER CABINET.
- 46 REMOVE EXISTING OVERHEAD SECTIONAL DOORS AND SALVAGE TO OWNER.
- 47 REMOVE EXISTING TOILET PARTITION.
- 48 REMOVE EXISTING VENDING MACHINE / FRIDGE. SALVAGE TO OWNER FOR REINSTALLATION.
- 49 EXISTING WHITEBOARD / BULLETIN BOARD TO REMAIN.
- 50 REMOVE EXISTING PROJECTOR / PROJECTOR SCREEN. SALVAGE TO OWNER.
- 51 REMOVE EXISTING PRECAST VAULT LID (CEILING. SEE STRUCTURAL SHEETS FOR EXTENTS).
- 52 REMOVE EXISTING WINDOW STOOL.
- 53 REMOVE EXISTING SHIPS LADDER. SALVAGE TO OWNER.
- 54 REMOVE EXISTING CONCRETE BASE. ALIGN WITH NEW WALL CONSTRUCTION - SEE A101.
- 55 REMOVE EXISTING CONCRETE SLAB.
- 56 REMOVE EXISTING BOLLARD. SEE CIVIL SHEETS.
- 57 REMOVE & REINSTALL FENCE POST TO ALLOW FOR NEW METAL PANEL INSTALLATION. ADJUST FENCE FABRICATION ACCORDINGLY. SEE CIVIL SHEETS FOR FENCE LOCATION.
- 58 REMOVE EXISTING CASEWORK. SALVAGE TO OWNER FOR REINSTALLATION. COORDINATE W/ OWNER.
- 59 REMOVE SLAB ON GRADE AS REQUIRED FOR PLUMBING WORK - SEE PLUMBING SHEETS.



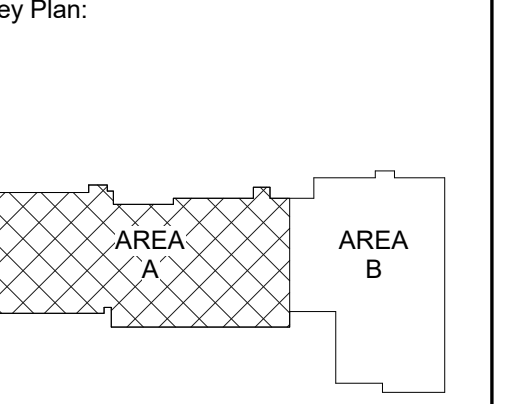
1 FIRST FLOOR DEMO PLAN - AREA A
1/8" = 1'-0"

**WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION**
 Project Title: 11177 COUNTY ROAD A
 SPARTA, WI 54686
FIRST FLOOR REMOVAL PLAN - AREA A
 Project Location: 11177 COUNTY ROAD A
 SPARTA, WI 54686
 Sheet Title:

HSR Project Number:
20028

Project Date:
FEBRUARY 2021

Drawn By:
RW



KEY PLAN

Revisions:

No.	Description	Date
A02	ADDENDUM 2	2-24-21

Graphic Scale:
VARIES

Last Update:
2/24/2021 9:36:37 AM

A090



Consultant:

REMOVAL GENERAL NOTES:

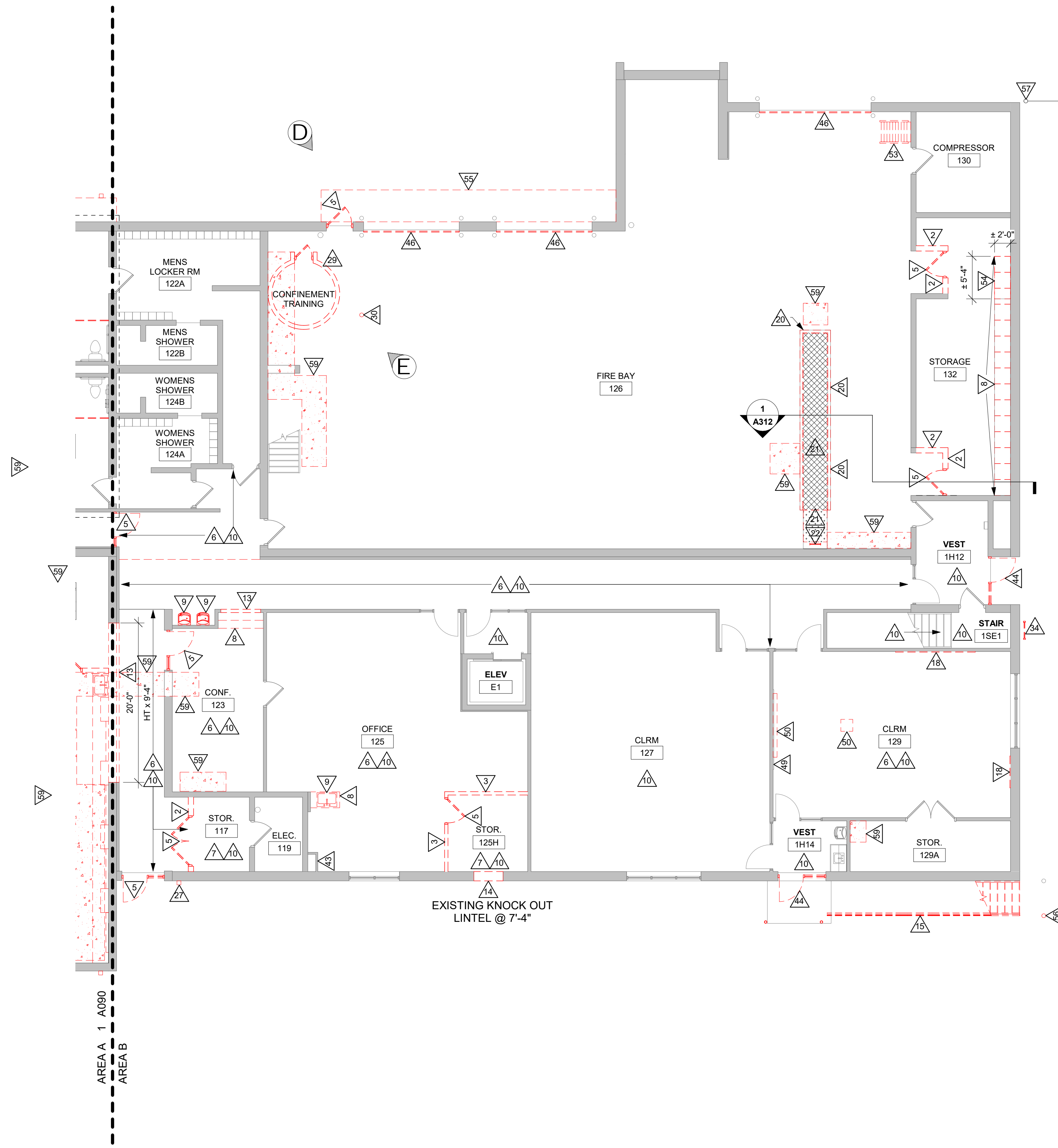
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REMOVAL PLAN LEGEND:

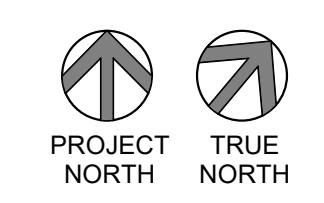
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- 5 REMOVE EXISTING DOOR & FRAME.
- 6 REMOVE EXISTING CEILING (GYP).
- 7 REMOVE EXISTING CEILING / SOFFIT (GYP).
- 8 REMOVE EXISTING CASEWORK.
- 9 REMOVE EXISTING PLUMBING FIXTURE. SEE PLUMBING SHEETS.
- 10 REMOVE EXISTING FLOORING (CARPET/RESILIENT).
- 11 REMOVE EXISTING FLOORING (TILE & MORTAR).
- 12 REMOVE MECHANICAL EQUIPMENT. SEE MECHANICAL SHEETS.
- 13 CREATE NEW OPENING IN EXISTING WALL (GYP).
- 14 CREATE NEW OPENING IN EXISTING WALL (CMU). TOOTH IN NEW MASONRY @ JAMBS. SEE FLOOR PLANS FOR LOCATIONS, AND WINDOW TYPES FOR OPENING SIZES.
- 15 REMOVE EXISTING METAL STAIR, RAILINGS & STAIR SUPPORT STRUCTURE.
- 16 REMOVE EXISTING FROST STOOP. SEE STRUCTURAL SHEETS.
- 17 REMOVE EXISTING JAIL CELL DOOR. SALVAGE FOR RE-INSTALLATION.
- 18 REMOVE EXISTING SMARTBOARD, WHITEBOARD OR BULLETIN BOARD.
- 19 REMOVE EXISTING WINDOW.
- 20 REMOVE EXISTING CONCRETE CURB. SEE STRUCTURAL SHEETS.
- 21 REMOVE EXISTING METAL GRATE.
- 22 REMOVE EXISTING LADDER.
- 23 REMOVE EXISTING WINDOW. REMOVE WALL TILE BUTTING FRAME FROM RM 104 SIDE. WALL TILE BUTTING WOOD FRAME FROM HALLWAY TO REMAIN. SEE JAMB DETAIL.
- 24 EXISTING COLUMN TO REMAIN.
- 25 REMOVE EXISTING TILE BASIN SURROUND.
- 26 REMOVE EXISTING BULKHEAD (CMU).
- 27 REMOVE EXISTING DOWNSPOUTS AND HEAT TAPE. SALVAGE HEAT TAPE FOR RE-INSTALLATION AFTER METAL WALL PANELS ARE INSTALLED. COORDINATE WITH ELECTRICAL.
- 28 REMOVE CONCRETE FLOOR AS REQUIRED FOR INSTALLATION OF NEW THICKENED SLAB.
- 29 REMOVE CONCRETE CONTAINMENT TRAINING UNIT. PATCH FLOOR W/ CEMENTIOUS FILLER @ REMOVED AREA.
- 30 REMOVE CONCRETE FILLED PIPE BOLLARD. INFILL FLOOR WITH CONCRETE AS REQUIRED.
- 31 REMOVE CONCRETE TOPPING AND PRECAST PLANKS. SEE STRUCTURAL SHEETS.
- 32 REMOVE EXISTING WINDOW AND FRAME.
- 33 REMOVE EXISTING PIPE RAILING AND TOE KICK. SALVAGE FOR REUSE. SEE A102 FOR REUSE LOCATIONS.
- 34 REMOVE EXISTING METAL LADDER AND CAGE. SALVAGE TO OWNER.
- 35 REMOVE 2 FLOORING LAYERS. CERAMIC TILE / MORTAR AND VCT.
- 36 REMOVE EXISTING OVERHANG TRIM JOIST EXTENSIONS.
- 37 REMOVE ENTIRE VESTIBULE INCLUDING FOUNDATION & ROOF SYSTEM.
- 38 REMOVE EXISTING METAL BALCONY AND RAILING.
- 39 REMOVE EXISTING DECORATIVE MASONRY HEADER.
- 40 REMOVE EXISTING FALSE COLLUM AND BRACKETS.
- 41 REMOVE EXISTING CMU, CONCRETE & TILE TO TOP OF EXISINTG PRECAST SEAT.
- 42 REMOVE EXISTING BULKHEAD (GYP).
- 43 REMOVE EXISTING GYP. BD. FOR MECHANICAL ACCESS TO CHASE - COORDINATE WITH MECHANICAL - SEE MECHANICAL SHEETS.
- 44 REMOVE EXISTING DOOR & FRAME. SALVAGE ALL DOOR HARDWARE TO BE REUSED IN REPLACEMENT DOORS - SEE DOOR HARDWARE SPEC.
- 45 REMOVE EXISTING FIRE EXTINGUISHER CABINET.
- 46 REMOVE EXISTING OVERHEAD SECTIONAL DOORS AND SALVAGE TO OWNER.
- 47 REMOVE EXISTING TOILET PARTITION.
- 48 REMOVE EXISTING VENDING MACHINE / FRIDGE. SALVAGE TO OWNER FOR RE-INSTALLATION.
- 49 EXISTING WHITEBOARD / BULLETIN BOARD TO REMAIN.
- 50 REMOVE EXISTING PROJECTOR / PROJECTOR SCREEN. SALVAGE TO OWNER.
- 51 REMOVE EXISTING PRECAST VAULT LID (CEILING. SEE STRUCTURAL SHEETS FOR EXTENTS).
- 52 REMOVE EXISTING WINDOW STOOL.
- 53 REMOVE EXISTING SHIPS LADDER. SALVAGE TO OWNER.
- 54 REMOVE EXISTING CONCRETE BASE. ALIGN WITH NEW WALL CONSTRUCTION - SEE A101.
- 55 REMOVE EXISTING CONCRETE SLAB.
- 56 REMOVE EXISTING BOLLARD - SEE CIVIL SHEETS.
- 57 REMOVE & REINSTALL FENCE POST TO ALLOW FOR NEW METAL PANEL INSTALLATION. ADJUST FENCE FABRICATION ACCORDINGLY. SEE CIVIL SHEETS FOR FENCE LOCATION.
- 58 REMOVE EXISTING CASEWORK. SALVAGE TO OWNER FOR RE-INSTALLATION. COORDINATE W/ OWNER.
- 59 REMOVE SLAB-ON-GRADE AS REQUIRED FOR PLUMBING WORK - SEE PLUMBING SHEETS.

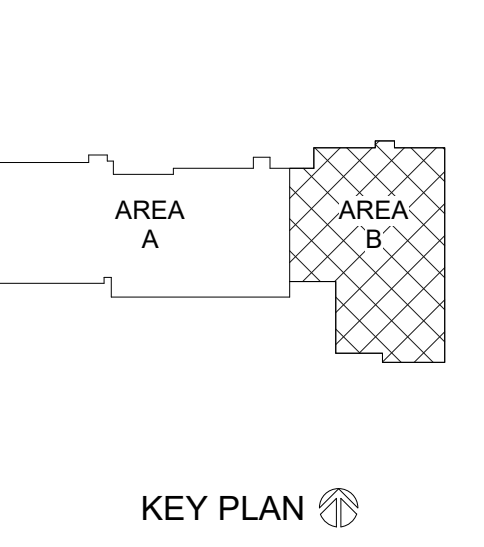


1 FIRST FLOOR DEMO PLAN - AREA B
1/8" = 1'-0"



WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
 Project Title: 11177 COUNTY ROAD A
 SPARTA, WI 54686
 Project Location: 11177 COUNTY ROAD A
 SPARTA, WI 54686
 Sheet Title: FIRST FLOOR REMOVAL PLAN - AREA B

HSR Project Number: **20028**
 Project Date: **FEBRUARY 2021**
 Drawn By: **RW**



Revisions:

No.	Description	Date
A02	ADDENDUM 2	2-24-21

Graphic Scale: **VARIES**
 Last Update: **2/24/2021 9:36:46 AM**

A091



Consultant:

WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
Project Title: WESTERN TECHNICAL COLLEGE SPARTA PUBLIC SAFETY EXPANSION
Project Location: 11177 COUNTY ROAD A SPARTA, WI 54656
Project Number: HSR Project Number: 20028
Date: FEBRUARY 2021
Drawn By: MM/RW/MPL
Key Plan: KEY PLAN

FIRST FLOOR PLAN - AREA A

Revisions:

No.	Description	Date
A02	ADDENDUM 2	2-24-21

Graphic Scale: VARIES

Last Update: 2/24/2021 9:37:07 AM

A100

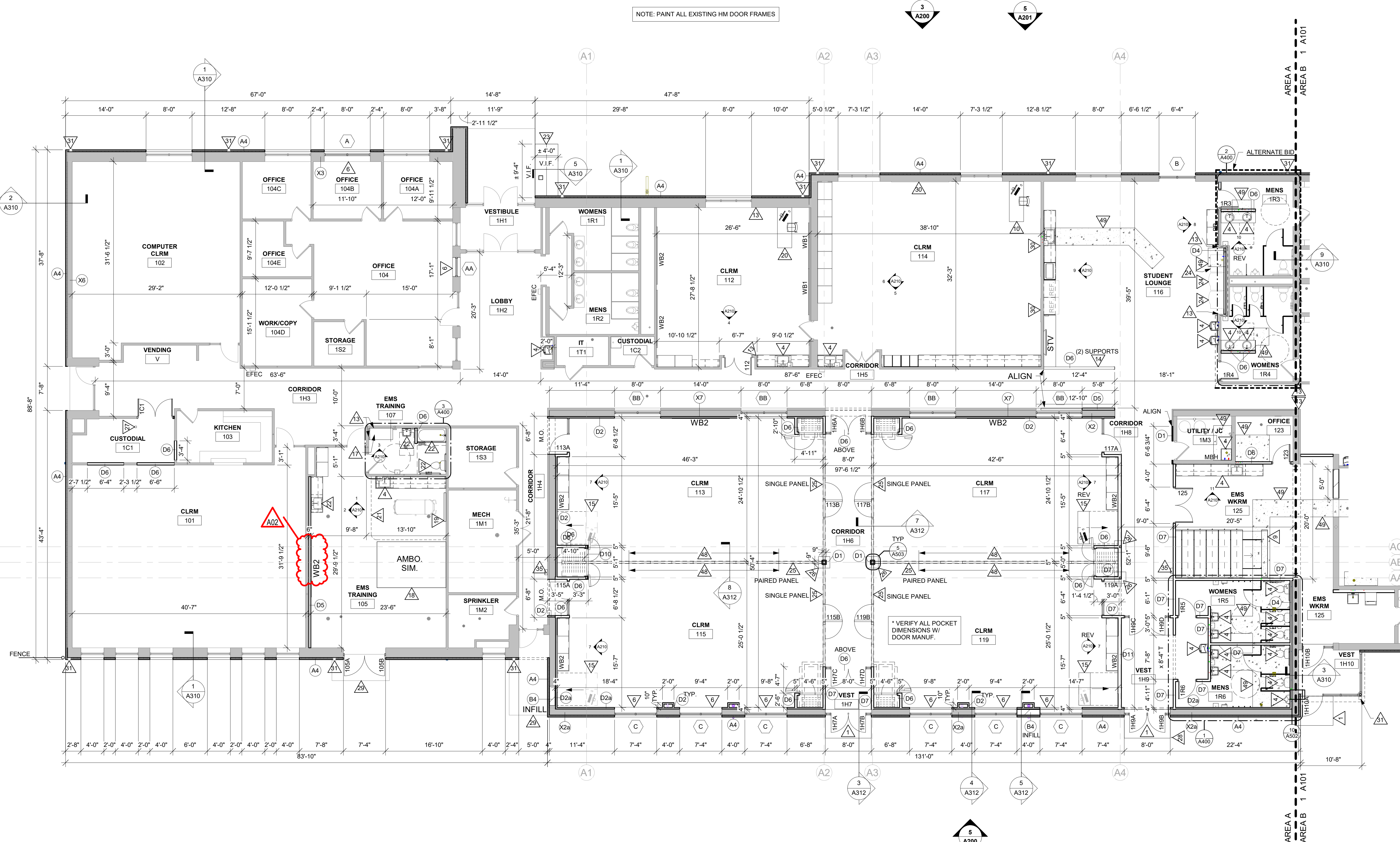
EQUIPMENT SCHEDULE			OWNER FURNISHED (SEE REMOVAL)	CONTR. FURNISHED	OWNER INSTALLED
BB	72"x48" BULLETIN BOARD	STD. MOUNTING HEIGHT		X	X
MBH	MOP AND BROOM HOLDER	TOP @ 6'-10" A.F.F.		X	X
P	CEILING MOUNTED PROJECTOR	COORDINATE W/OWNER	X	X	X
PS1	86" MOTORIZED WALL MOUNTED PROJECTION SCREEN	COORDINATE W/OWNER		X	X
PS2	86" MOTORIZED CEILING MOUNTED PROJECTION SCREEN	COORDINATE W/OWNER		X	X
STV	SMART TELEVISION (SIZE BY OWNER)	COORDINATE W/OWNER	X	X	X
WB1	60"x48" WHITE BOARD	TOP @ 6'-10" A.F.F.		X	X
WB2	120"x48" WHITE BOARD	TOP @ 6'-10" A.F.F.		X	X

EQUIPMENT SCHEDULE GENERAL NOTES:
1. CONFIRM EXACT LOCATION OF EACH ITEM WITH OWNER PRIOR TO INSTALLATION.
2. SEE A400 FOR ACCESSORIES SCHEDULE.

- PLAN GENERAL NOTES:**
- REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES.
 - SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
 - LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
 - FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEETS A100 FOR ALL EQUIPMENT NOTES.
 - UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" - 1/2" TO FLOOR DRAINS - TO CENTER, IF NO FLOOR DRAINS. PAINT ALL EXPOSED STEEL LINTELS.
 - EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE A401 FOR TOP OF WALL DETAILS.
 - INSTALL BULLNOSE CMU AT ALL OUTSIDE CORNERS W/O WIE AND AT DOOR JAMBS AS DETAIL. NO BULLNOSE AT WINDOW JAMBS.
 - SEE A501 FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR CJ LOCATIONS. CJ = CONTROL JOINTS.
 - SEE A50X FOR TYPICAL HEAD FLASHING AND THROUGH-WALL FLASHING ISOMETRIC DETAILS.
 - SEE STRUCTURAL FOR SLAB CONTROL JOINTS.
 - GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT. VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.
 - VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC OPENINGS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.

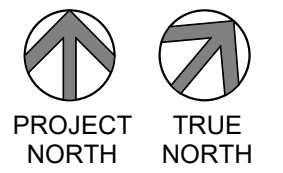
- LEGEND:**
- Symbol indicates wall type - see sheet A600 for wall type details.
 - Symbol indicates window type. See sheet A600 for window frame elevations.
 - Symbol indicates construction note this sheet.
 - 1 HOUR WALL
 - WALL SECTION
 - BUILDING SECTION
 - CONCRETE IN-FILL - SEE PLUMBING / STRUCTURAL SHEETS
 - WOOD FRAMING IN-FILL - SEE STRUCTURAL SHEETS
 - PRECAST CONCRETE IN-FILL - SEE STRUCTURAL SHEETS
 - EFE EXISTING FIRE EXTINGUISHER
 - EFEFC EXISTING FIRE EXTINGUISHER CABINET

- KEY NOTES PLAN**
- INSTALL NEW CONCRETE FROST STOOP - SEE STRUCTURAL SHEETS.
 - INSTALL NEW CONCRETE SLAB-ON-GRADE W/ RADIANT IN-FLOOR HEAT & INSULATION - SEE MECHANICAL & STRUCTURAL SHEETS.
 - INSTALL NEW CONCRETE SLAB-ON-GRADE - SEE STRUCTURAL SHEETS.
 - INSTALL NEW PLUMBING FIXTURE - SEE PLUMBING SHEETS.
 - STACKABLE WASHER / DRYER (N.I.C.) - INSTALLATION BY G.C. - SEE ELECTRICAL & PLUMBING SHEETS.
 - INSTALL NEW SOLID SURFACE WINDOW STOOL - SEE ID SHEETS.
 - INSTALL NEW BOLLARD & CONC. CURB - SEE CIVIL SHEETS.
 - ICE MACHINE (N.I.C.) - HOOK-UPS BY G.C. - SEE ELECTRICAL & PLUMBING SHEETS.
 - INSTALL NEW HIGH DENSITY MOBILE STORAGE UNIT.
 - EXISTING TEACHING STATION (N.I.C.)
 - INSTALL SALVAGED JAN. CELL DOOR.
 - INSTALL NEW SLAB-ON-GRADE OVER PIT INFILL - SEE STRUCTURAL SHEETS.
 - PATCH, PREP & PAINT WALL AT REMOVED WALL / CASEWORK.
 - INSTALL HALF-WALL W/ PARTIAL HEIGHT WALL FRAMING SUPPORT - TOP @ 48" NOMINAL - CASP WALL W/ SOLID SURFACE TOP.
 - MOBILE TEACHING STATION - BY OWNER (N.I.C.)
 - INSTALL NEW METAL STAIR AND RAILING UP TO EXISTING MEZZANINE.
 - PATCH CONCRETE SLAB DOWEL NEW SLAB TO EXISTING SLAB W/ #4 X 12" DOWELS @ 16" O.C. DRILL & EPOXY IN EXISTING SLAB W/ 4" EMBEDMENT.
 - AMBULANCE SIMULATOR (N.I.C.) - SEE ELECTRICAL SHEETS FOR HOOK-UPS. COORDINATE W/ OWNER FOR INSTALLATION.
 - INSTALL WALL MOUNTED HEAD UNIT - OWNER PROVIDED. COORDINATE W/ OWNER FOR FINAL INSTALL LOCATION. SEE ELECTRICAL SHEETS.
 - TEACHING STATION (N.I.C.)
 - INSTALL CUBICLE CURTAIN ATTACHED TO TRACK ON DROPPED CEILING TILE.
 - NON-OPERABLE DEMONSTRATION FIXTURE - SEE PLUMBING SHEETS.
 - INSTALL CAST STONE BENCH TOP/SEAT - SEE SHEET A501 FOR SLOPE DIRECTION.
 - VENDING MACHINE (N.I.C.) - SEE ELECTRICAL SHEETS.
 - INSTALL OPERABLE WALL PARTITION.
 - PATCH CONCRETE SLAB - SEE STRUCTURAL SHEETS.
 - EXISTING COLUMN TO REMAIN.
 - INSTALL NEW CARD ACCESS ON NEW POST. SET POST IN CONCRETE.
 - EXISTING CONCRETE STOOP AND FOOTINGS TO REMAIN.
 - EXISTING BULLETIN / WHITE BOARD TO REMAIN.
 - INSTALL NEW DOWNSPOUTS & SALVAGED HEAT TAPE AFTER METAL PANEL IS INSTALLED. SEE ELECTRICAL SHEETS FOR HEAT TAPE COORDINATION.
 - INSTALL NEW 6" THICK WITH REINFORCING CONCRETE EQUIPMENT PAD - SEE MECHANICAL SHEETS.
 - INSTALL NEW TACKSTRIP AT 9'-2". SEE NOTE ON PLAN FOR APPROX. LINEAR DIMENSION.
 - INSTALL STAINLESS STEEL HANRAIL SYSTEM W/ MESH INFILL PANEL - SEE ELEVATION 2A102.
 - SEM RECESSED FIRE EXTINGUISHER CABINET - SEE SPEC.
 - INSTALL NEW BOLLARD - SEE 20A52 FOR DETAIL.
 - PAINT EXISTING HANDRAILS - SEE MASTER COLOR SCHEDULE.
 - INSTALL NEW PLASTIC BOLLARD COVER TO EXISTING BOLLARDS.
 - 4" TUBE STEEL COLUMN STAIR SUPPORT - PAINT.
 - INSTALL NEW PRECAST PLANK W/ CONCRETE TOPPING - SEE PLAN FOR APPROX. DIMENSIONS - V.I.F.
 - INSTALL NEW WOOD FRAMING SYSTEM - SEE STRUCTURAL SHEETS.
 - THROUGH WALL MECH. LOUVER @ WALL INFILL - COORDINATE W/ MECHANICAL.
 - INSTALL NEW METAL WALL PANEL COLUMN ENCLOSURE - SEE DETAILS A502.
 - APPLY REACTIVE HARDENER/SEALER TO NEW CONCRETE SLAB.
 - PAINT TOP & FRONT FACE OF EXISTING 4" CONCRETE BASE.
 - WHITE BOARD INTEGRATED IN WALL PANELS - 3'-0" A.F.F. AND 4'-0" HIGH - BY PANEL SUPPLIER.
 - PATCH CONCRETE SLAB TO MATCH ADJACENT SLAB CONSTRUCTION & MATERIAL - SEE PLUMBING SHEETS.
 - INSTALL NEW PRECAST PLANK TOPPING W/ RADIANT IN-FLOOR HEAT - SEE MECHANICAL & STRUCTURAL SHEETS.
 - INSTALL NEW CONCRETE PAVEMENT - SEE CIVIL SHEETS.



1 FIRST FLOOR PLAN - AREA A

1/8" = 1'-0"





Consultant:

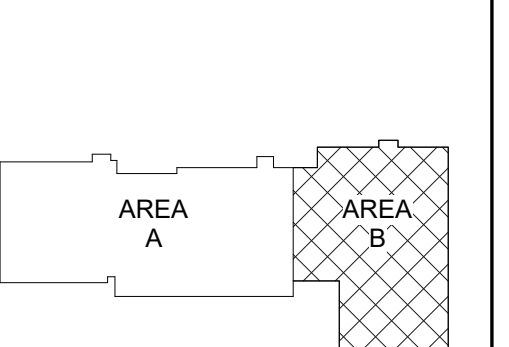
WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
Project Title: WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
Project Location: 11177 COUNTY ROAD A
SPARTA, WI 54656
Sheet Title: FIRST FLOOR PLAN - AREA B

HSR Project Number: 20028

Project Date: FEBRUARY 2021

Drawn By: MM/RW/MPL

Key Plan:



KEY PLAN

No.	Description	Date
A01	ADDENDUM 1	2-15-21
A02	ADDENDUM 2	2-24-21

Graphic Scale: VARIES

Last Update: 2/24/2021 11:48:02 AM

A101

PLAN GENERAL NOTES:

- A. REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES.
- B. SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
- C. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
- D. FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEETS A100 FOR ALL EQUIPMENT NOTES.
- E. UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" - 1/2" TO FLOOR DRAINS - TO "CENTER", IF NO FLOOR DRAINS. PAINT ALL EXPOSED STEEL LINTELS.
- F. EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE A501 FOR TOP OF WALL DETAILS.
- G. INSTALL BULLNOSE CMU AT ALL OUTSIDE CORNERS W/O TILE AND AT DOOR JAMBS AS DETAILED. NO BULLNOSE AT WINDOW JAMBS.
- H. SEE A501 FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR CJ LOCATIONS. CJ = CONTROL JOINTS.
- I. SEE A50X FOR TYPICAL HEAD FLASHING AND THROUGH-WALL FLASHING ISOMETRIC DETAILS.
- J. SEE STRUCTURAL FOR SLAB CONTROL JOINTS.
- K. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT. VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.
- L. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC. OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.

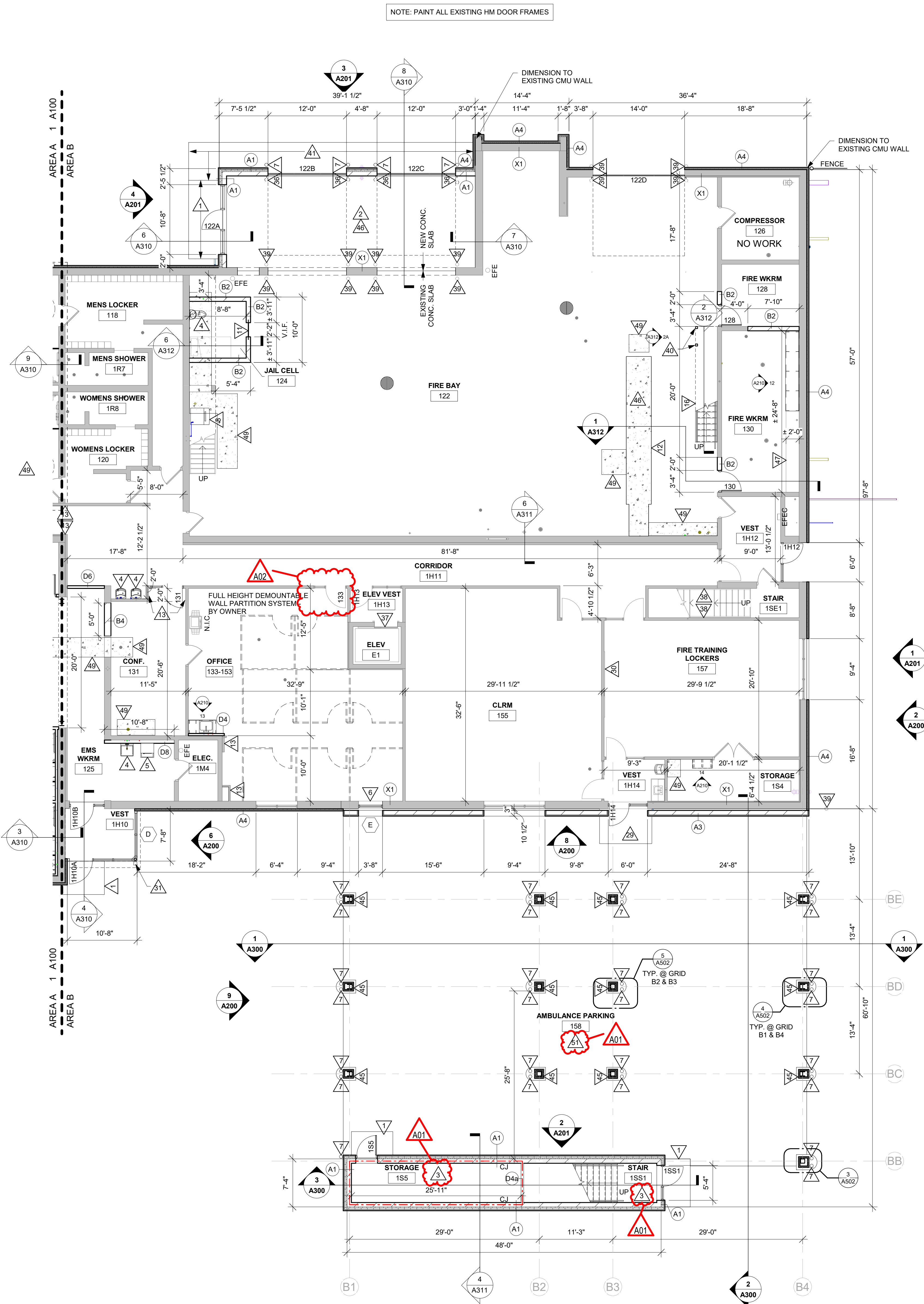
LEGEND:

- (A) SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
- (A) SYMBOL INDICATES WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
- (A) SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- (A) 1 HOUR WALL
- (A) WALL SECTION
- (A) BUILDING SECTION
- (A) CONCRETE IN-FILL - SEE PLUMBING / STRUCTURAL SHEETS
- (A) WOOD FRAMING IN-FILL - SEE STRUCTURAL SHEETS
- (A) PRECAST CONCRETE IN-FILL - SEE STRUCTURAL SHEETS
- EFE EXISTING FIRE EXTINGUISHER
- EFEFC EXISTING FIRE EXTINGUISHER CABINET

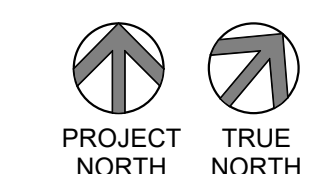
KEY NOTES PLAN

1. INSTALL NEW CONCRETE FROST STOOP - SEE STRUCTURAL SHEETS.
2. INSTALL NEW CONCRETE SLAB-ON-GRADE W/ RADIANT IN-FLOOR HEAT INSULATION. SEE MECHANICAL / STRUCTURAL SHEETS.
3. INSTALL NEW CONCRETE SLAB-ON-GRADE - SEE STRUCTURAL SHEETS.
4. STACKABLE WASHER / DRYER (N.I.C.) - INSTALLATION BY G.C. - SEE ELECTRICAL & PLUMBING SHEETS.
5. INSTALL NEW SOLID SURFACE WINDOW STOOL - SEE ID SHEETS.
6. INSTALL NEW BOLLARD & CONC. CURB - SEE CIVIL SHEETS.
7. ICE MACHINE (N.I.C.) - HOOK-UPS BY G.C. - SEE ELECTRICAL & PLUMBING SHEETS.
8. INSTALL NEW HIGH DENSITY MOBILE STORAGE UNIT.
9. EXISTING TEACHING STATION (N.I.C.)
10. INSTALL SALVAGED JAIL CELL DOOR.
11. INSTALL NEW SLAB-ON-GRADE OVER PIT INFILL - SEE STRUCTURAL SHEETS.
12. PATCH, PREP & PAINT WALL AT REMOVED WALL / CASEWORK.
13. INSTALL HALF-WALL W/ PARTIAL HEIGHT WALL FRAMING SUPPORT - TOP @ 48" NOMINAL - CAP WALL W/ SOLID SURFACE TOP.
14. MOBILE TEACHING STATION - BY OWNER (N.I.C.)
15. INSTALL NEW METAL STAIR AND RAILING UP TO EXISTING MEZZANINE.
16. PATCH CONCRETE SLAB. DOWEL NEW SLAB TO EXISTING SLAB W/ #4 X 1'-0" DOWELS @ 18" O.C. DRILL & EPOXY IN EXISTING SLAB W/ 4" EMBEDMENT.
17. AMBULANCE SIMULATOR (N.I.C.) - SEE ELECTRICAL SHEETS FOR HOOKUPS. COORDINATE W/ OWNER FOR INSTALLATION.
18. INSTALL WALL MOUNTED HEAD UNIT - OWNER PROVIDED. COORDINATE W/ OWNER FOR FINAL INSTALLATION. SEE ELECTRICAL SHEETS.
19. TEACHING STATION (N.I.C.)
20. INSTALL CUBICLE CURTAIN ATTACHED TO TRACK ON DROPPED CEILING TILE.
21. NON-OPERABLE DEMONSTRATION FIXTURE - SEE PLUMBING SHEETS.
22. INSTALL CAST STONE BENCH TOP/SEAT. SEE SHEET A501 FOR SLOPE DIRECTION.
23. WELDING MACHINE (N.I.C.) - SEE ELECTRICAL SHEETS.
24. INSTALL OPERABLE WALL PARTITION.
25. PATCH CONCRETE SLAB - SEE STRUCTURAL SHEETS.
26. EXISTING COLUMN TO REMAIN.
27. INSTALL NEW CARD ACCESS ON NEW POST. SET POST IN CONCRETE.
28. EXISTING CONCRETE STOOP AND FOOTINGS TO REMAIN.
29. EXISTING BULLETIN / WHITE BOARD TO REMAIN.
30. INSTALL NEW DOWNSPOUTS & SALVAGED HEAT TAPE AFTER METAL PANEL IS INSTALLED. SEE ELECTRICAL SHEETS FOR HEAT TAPE COORDINATION.
31. INSTALL NEW 6" THICK WITH REINFORCING CONCRETE EQUIPMENT PAD - SEE MECHANICAL SHEETS.
32. INSTALL NEW TACKSTRIP AT 9'-2". SEE NOTE ON PLAN FOR APPROX. LINEAR DIMENSION.
33. INSTALL STAINLESS STEEL HANRAIL SYSTEM W/ MESH INFILL PANEL - SEE ELEVATION 2A102.
34. SEMI RECESSED FIRE EXTINGUISHER CABINET - SEE SPEC.
35. INSTALL NEW BOLLARD - SEE 20A502 FOR DETAIL.
36. PAINT EXISTING ELEVATOR DOORS - SEE MASTER COLOR SCHEDULE.
37. PAINT EXISTING HANDRAILS - SEE MASTER COLOR SCHEDULE.
38. INSTALL NEW PLASTIC BOLLARD COVER TO EXISTING BOLLARDS.
39. 4" TUBE STEEL COLUMN STAIR SUPPORT - PAINT.
40. INSTALL NEW PRECAST PLANK W/ CONCRETE TOPPING - SEE STRUCTURAL SHEETS.
41. MODIFY AND INSTALL SALVAGED GUARDRAIL & TOEKICK. SEE PLAN FOR APPROX. DIMENSIONS - V.I.F.
42. INSTALL NEW WOOD FRAMING SYSTEM - SEE STRUCTURAL SHEETS.
43. THROUGH WALL MECH. LOUVER @ WALL INFILL - COORDINATE W/ MECHANICAL.
44. INSTALL NEW METAL WALL PANEL COLUMN ENCLOSURE - SEE DETAILS A502.
45. APPLY REACTIVE HARDENER/SEALER TO NEW CONCRETE SLAB.
46. PAINT TOP & FRONT FACE OF EXISTING 4" H CONCRETE BASE.
47. WHITE BOARD INTEGRATED IN WALL PANELS - 3'-0" A.F.F. AND 4'-0" HIGH - BY PANEL SUPPLIER.
48. PATCH CONCRETE SLAB TO MATCH ADJACENT SLAB CONSTRUCTION & MATERIAL. SEE PLUMBING SHEETS.
49. INSTALL NEW PRECAST PLANK/TOPPING W/ RADIANT IN-FLOOR HEAT - SEE MECHANICAL SHEETS.
50. INSTALL NEW CONCRETE PAVEMENT - SEE CIVIL SHEETS.

NOTE: PAINT ALL EXISTING HM DOOR FRAMES



1 FIRST FLOOR PLAN - AREA B
1/8" = 1'-0"





Consultant:

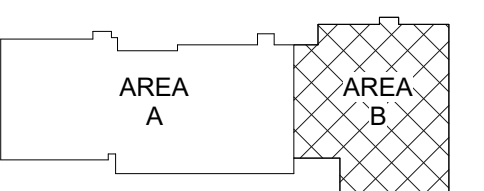
WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
Project Location: 11177 COUNTY ROAD A
SPARTA, WI 54686
Project Title: SECOND FLOOR PLAN

HSR Project Number: 20028

Project Date: FEBRUARY 2021

Drawn By: MM/RW/MPL

Key Plan:



KEY PLAN

No.	Description	Date
A01	ADDENDUM 1	2-15-21
A02	ADDENDUM 2	2-24-21

Graphic Scale: VARIES

Last Update: 2/24/2021 11:48:25 AM

A102

PLAN GENERAL NOTES:

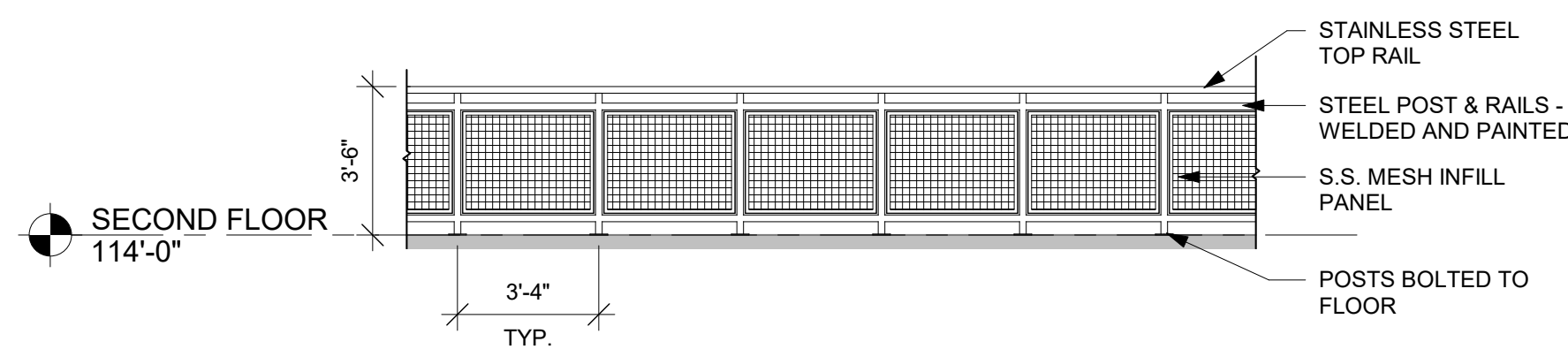
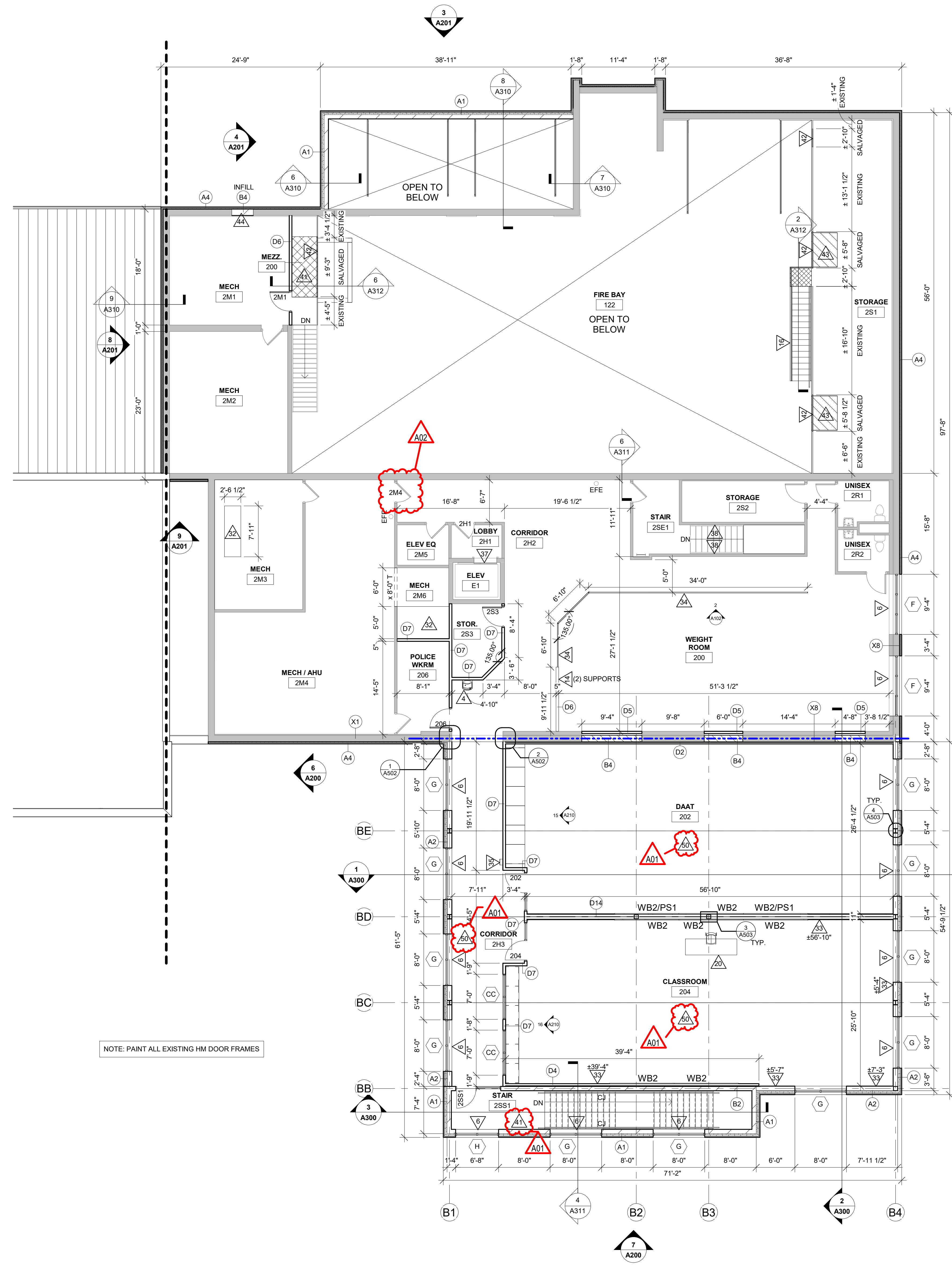
- A. REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES.
- B. SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
- C. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
- D. FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEETS A100 FOR ALL EQUIPMENT NOTES.
- E. UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" - 1/2" TO FLOOR DRAINS - TO "CENTER". IF NO FLOOR DRAINS, PAINT ALL EXPOSED STEEL LINTELS.
- F. EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE A801 FOR TOP OF WALL DETAILS.
- G. INSTALL BULLNOSE GMI AT ALL OUTSIDE CORNERS W/ TILE AND AT DOOR JAMBS AS DETAILED. NO BULLNOSE AT WINDOW JAMBS.
- H. SEE A801 FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR CJ LOCATIONS. CJ = CONTROL JOINTS.
- I. SEE A801 FOR TYPICAL HEAD FLASHING AND THROUGH-WALL FLASHING ISOMETRIC DETAILS.
- J. SEE STRUCTURAL FOR SLAB CONTROL JOINTS.
- K. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT. VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.
- L. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC. OPENINGS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.

LEGEND:

- A - SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
- A - SYMBOL INDICATES WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
- △ - SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- 1 HOUR WALL
- WALL SECTION
- BUILDING SECTION
- CONCRETE IN-FILL - SEE PLUMBING / STRUCTURAL SHEETS
- WOOD FRAMING IN-FILL - SEE STRUCTURAL SHEETS
- PRECAST CONCRETE IN-FILL - SEE STRUCTURAL SHEETS
- EFE - EXISTING FIRE EXTINGUISHER
- EFE/C - EXISTING FIRE EXTINGUISHER CABINET

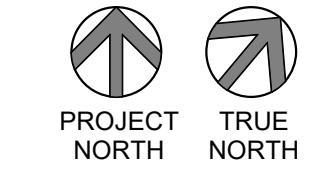
KEY NOTES PLAN

1. INSTALL NEW CONCRETE FROST STOP - SEE STRUCTURAL SHEETS.
2. INSTALL NEW CONCRETE SLAB-ON-GRADE W/ RADIANT IN-FLOOR HEAT & INSULATION - SEE MECHANICAL & STRUCTURAL SHEETS.
3. INSTALL NEW CONCRETE SLAB-ON-GRADE - SEE STRUCTURAL SHEETS.
4. INSTALL NEW PLUMBING FIXTURE - SEE PLUMBING SHEETS.
5. STACKABLE WASHER / DRYER (N.I.C.) - INSTALLATION BY G.C. - SEE ELECTRICAL & PLUMBING SHEETS.
6. INSTALL NEW SOLID SURFACE WINDOW STOOL - SEE ID SHEETS.
7. INSTALL NEW BOLLARD & CONC. CURB - SEE CIVIL SHEETS.
8. ICE MACHINE (N.I.C.) - HOOK-UPS BY G.C. - SEE ELECTRICAL & PLUMBING SHEETS.
9. INSTALL NEW HIGH DENSITY MOBILE STORAGE UNIT.
10. EXISTING TEACHING STATION (N.I.C.)
11. INSTALL SALVAGED JAIL CELL DOOR.
12. INSTALL NEW SLAB-ON-GRADE OVER PIT INFILL - SEE STRUCTURAL SHEETS.
13. PATCH, PREP & PAINT WALL AT REMOVED WALL / CASEWORK.
14. INSTALL HALF-WALL W/ PARTIAL HEIGHT WALL FRAMING SUPPORT - TOP @ 48" NOMINAL - CAP WALL W/ SOLID SURFACE TOP.
15. MOBILE TEACHING STATION - BY OWNER (N.I.C.)
16. INSTALL NEW METAL STAIR AND RAILING UP TO EXISTING MEZZANINE.
17. PATCH CONCRETE SLAB. DOWEL NEW SLAB TO EXISTING SLAB W/ #4 X 1" DOWELS @ 16" O.C. DRILL & EPOXY IN EXISTING SLAB W/ 4" EMBEDMENT.
18. AMBULANCE SIMULATOR (N.I.C.) - SEE ELECTRICAL SHEETS FOR HOOK-UPS. COORDINATE W/ OWNER FOR INSTALLATION.
19. INSTALL WALL MOUNTED HEAD UNIT - OWNER PROVIDED. COORDINATE W/ OWNER FOR FINAL INSTALL LOCATION. SEE ELECTRICAL SHEETS.
20. TEACHING STATION (N.I.C.)
21. INSTALL CUBICLE CURTAIN ATTACHED TO TRACK ON DROPPED CEILING TILE.
22. NON-OPERABLE DEMONSTRATION FIXTURE - SEE PLUMBING SHEETS.
23. INSTALL CAST STONE BENCH TOP/SEAT. SEE SHEET A01 FOR SLOPE DIRECTION.
24. VENDING MACHINE (N.I.C.) - SEE ELECTRICAL SHEETS.
25. INSTALL OPERABLE WALL PARTITION.
26. PATCH CONCRETE SLAB - SEE STRUCTURAL SHEETS.
27. EXISTING COLUMN TO REMAIN.
28. INSTALL NEW CARD ACCESS ON NEW POST. SET POST IN CONCRETE.
29. EXISTING CONCRETE STOOP AND FOOTINGS TO REMAIN.
30. EXISTING BULLETIN WHITE BOARD TO REMAIN.
31. INSTALL NEW DOWNSPOUTS & SALVAGED HEAT TAPE AFTER METAL PANEL IS INSTALLED. SEE ELECTRICAL SHEETS FOR HEAT TAPE COORDINATION.
32. INSTALL NEW 6" THICK WITH REINFORCING CONCRETE EQUIPMENT PAD - SEE MECHANICAL SHEETS.
33. INSTALL NEW TAPESTRIP AT 9'-2". SEE NOTE ON PLAN FOR APPROX. LINEAR DIMENSION.
34. INSTALL STAINLESS STEEL HANRAIL SYSTEM W/ MESH INFILL PANEL - SEE ELEVATION 24102.
35. SEMI RECESSED FIRE EXTINGUISHER CABINET - SEE SPEC.
36. INSTALL NEW BOLLARD - SEE 20A02 FOR DETAIL.
37. PAINT EXISTING ELEVATOR DOORS - SEE MASTER COLOR SCHEDULE.
38. PAINT EXISTING HANDRAILS - SEE MASTER COLOR SCHEDULE.
39. INSTALL NEW PLASTIC BOLLARD COVER TO EXISTING BOLLARDS.
40. 4" TUBE STEEL COLUMN STAIR SUPPORT - PAINT.
41. INSTALL NEW PRECAST PLANK W/ CONCRETE TOPPING - SEE STRUCTURAL SHEETS.
42. MODIFY AND INSTALL SALVAGED GUARDRAIL & TOEKICK. SEE PLAN FOR APPROX. DIMENSIONS - V.I.F.
43. INSTALL NEW WOOD FRAMING SYSTEM - SEE STRUCTURAL SHEETS.
44. THROUGH WALL MECH. LOUVER @ WALL INFILL - COORDINATE W/ MECHANICAL.
45. INSTALL NEW METAL WALL PANEL COLUMN ENCLOSURE - SEE DETAILS A022.
46. APPLY REACTIVE HARDENER/SEALER TO NEW CONCRETE SLAB.
47. PAINT TOP & FRONT FACE OF EXISTING 4" H CONCRETE BASE.
48. WHITE BOARD INTEGRATED IN WALL PANELS - 3'-0" A.F.F. AND 4'-0" HIGH - BY PANEL SUPPLIER.
49. PATCH CONCRETE SLAB TO MATCH ADJACENT SLAB CONSTRUCTION & FINISH.
50. INSTALL NEW PRECAST PLANK/TOPPING W/ RADIANT IN-FLOOR HEAT - SEE MECHANICAL & STRUCTURAL SHEETS.
51. INSTALL NEW CONCRETE PARTITION - SEE CIVIL SHEETS.



2 RAILING ELEVATION
1/4" = 1'-0"

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



PROJECT NORTH
TRUE NORTH



Consultant:

RCP GENERAL NOTES:

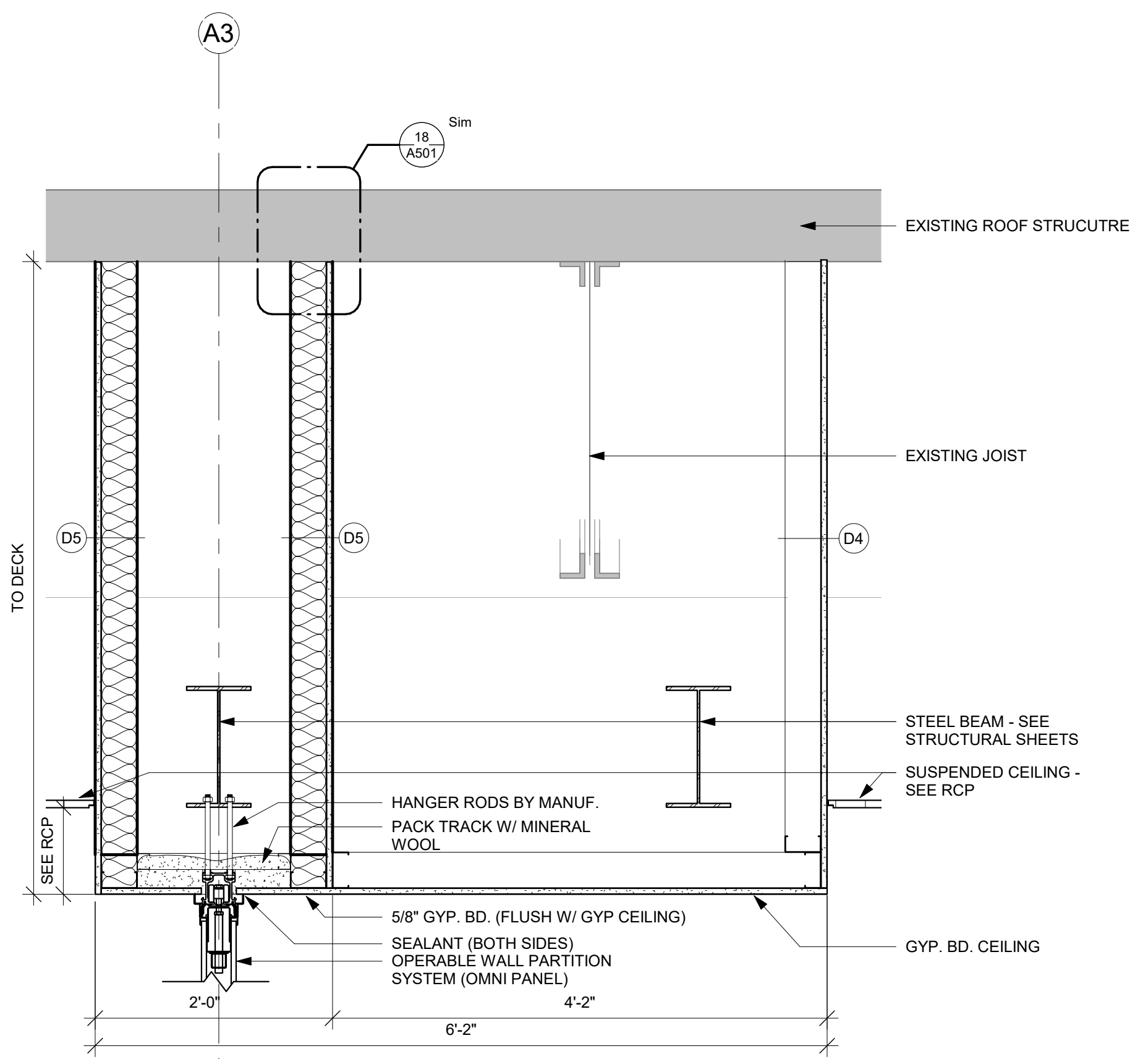
- A. REFER TO MECHANICAL AND PLUMBING CEILING ACCESS PANEL LOCATIONS & SIZES.
- B. SEE MECHANICAL FOR CEILING GRILLE INFORMATION.
- C. SEE ELECTRICAL FOR LIGHTING TYPES.
- D. ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK UNLESS OTHERWISE NOTED. CLOSE DECK FLUTES AT TOP OF WALL WITH NEOPRENE FILLER OR FIRESTOPPING SYSTEM. IN GYPSUM PARTITIONS SEE SPECIFICATION FOR LEVEL OF FINISH ABOVE FINISHED CEILING.
- E. ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED. PENETRATIONS OF FIRE RATED WALLS SHALL BE FIRESTOPPED WITH THE SAME AS THE WALL ABOVE FINISHED CEILING.
- F. WHERE NO CEILING EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, CONTRACTOR SHALL KEEP ALL MEP ABOVE OR EVEN WITH THE LEVEL OF THE LIGHTS. MEP SHALL RUN IN NEAT ORDERLY APPEARANCE GENERALLY PARALLEL OR PERPENDICULAR TO FINISHED STRUCTURE WALLS IN THESE ROOMS TO RUN TO DECK AND ALL STRUCTURE/MEP COMPONENTS ARE TO BE PAINTED.
- G. ALL EXTERIOR EXPOSED STEEL LINTEL HEADERS SHALL BE GALVANIZED, PRIMED AND PAINTED UNLESS NOTED OTHERWISE.
- H. REFER TO INTERIOR DESIGN SHEETS FOR OTHER FINISHES.
- I. HANGERS AND SUPPORTS: MECHANICAL, PLUMBING, ELECTRICAL AND OTHER CABLEING CONTRACTORS SHALL NOT HANG OR SUPPORT THE WORK FROM THE ROOF DECK IN ANY FASHION. CONDUIT RUNS SHALL NOT BE LAID ON ROOF DECK NOR LAID ON THE STRUCTURAL SUPPORT THAT SUPPORTS THE ROOF DECK. NO FASTENERS SHALL PENETRATE ROOF DECK BY ANY TRADE OTHER THAN THE ROOFING CONTRACTOR FOR THE NEW ROOF SYSTEM.
- J. CONFIRM EXACT LOCATION OF OVERHEAD PROJECTORS AND OTHER CEILING MOUNTED EQUIPMENT WITH OWNER/ MANUFACTURER PRIOR TO INSTALLATION. SEE EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT.
- K. CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION. ACT-2=REGULAR EDGE, ACT-3=RESTROOM PANELS, ACT-4=HIGH PERFORMANCE, BHM=GYP BD BULKHEAD, CG=OPEN CEILING GRID, CLG GYP=GYP BD, CLG GYP-2=1-HR HORIZONTAL SHAFT WALL, LMC=LINEAR METAL CEILING SYSTEM, MS=METAL SOFFIT

RCP LEGEND:

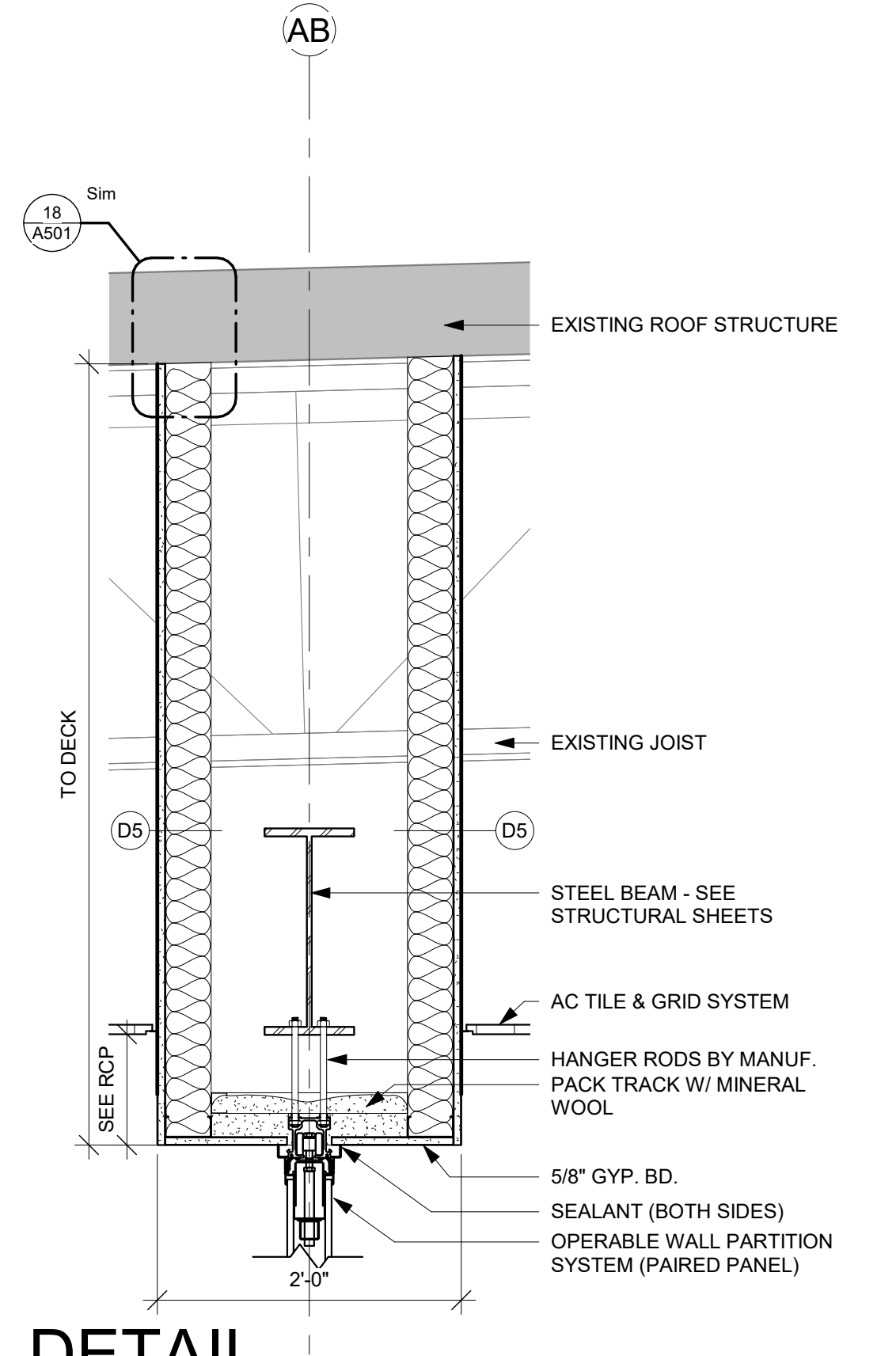
- LIGHT FIXTURE - SEE ELECTRICAL SHEETS
- LIGHT FIXTURE - SEE ELECTRICAL SHEETS
- LIGHT FIXTURE - SEE ELECTRICAL SHEETS
- LIGHT FIXTURE - SEE ELECTRICAL SHEETS
- GRILLE - SEE MECHANICAL SHEETS
- DESTRAT FAN - SEE MECHANICAL
- RADIANT HEATER - SEE MECHANICAL

KEY NOTES RCP

1. INSTALL NEW 2' X 2' ACT CEILING.
2. INSTALL NEW GYP BD CEILING ON METAL FRAMING - PAINT.
3. INSTALL NEW GYP BD BULKHEAD - PAINT.
4. EXISTING BULKHEAD TO REMAIN.
5. PAINT EXPOSED METAL DECK, EXPOSED MEP AND ALL EXPOSED STRUCTURE.
6. INSTALL NEW LINEAR METAL CEILING CLOUD W/ PRE-FINISHED PERIMETER TRIM 4" HIGH.
7. EXTRA TALL CASEWORK - SEE FLOOR PLAN/CASEWORK ELEVATIONS.
8. INSTALL NEW SUSPENDED METAL SOFFIT ON METAL FRAMING.
9. OVERHEAD DOOR TRACK.
10. CURTAIN CURTAIN AND TRACK ON DROPPED CEILING TILE.
11. EXISTING CEILING TILE & GRID TO REMAIN, NEW LIGHTING - SEE ELECTRICAL SHEETS. WORK THROUGH GRID FOR OTHER MEP WORK.
12. INSTALL NEW GYP BD ON WOOD FRAMING - GYP BD RETURN AT ROOM PERIMETER ± 2" (MATCH EXISTING).
13. INSTALL NEW 2' X 2' ACT CLOUD W/ PRE-FINISHED PERIMETER TRIM 4" HIGH.
14. INSTALL NEW 2' X 2' CEILING GRID - (PNT BK BACK), PAINT EXPOSED METAL DECK, MEP AND STRUCTURE ABOVE NEW GRID.
15. INSTALL NEW GYP BD SOFFIT - PAINT.
16. EXISTING GYP CEILING TO REMAIN, NEW LIGHTING - SEE ELECTRICAL SHEETS. PATCH & PAINT CEILING AS NEEDED FOR MEP WORK.
17. MODIFY EXISTING CEILING TILE & GRID FOR NEW WALL CONSTRUCTION.
18. OPEN TO STRUCTURE, NEW LIGHTING - SEE ELECTRICAL SHEETS.
19. PAINT EXTENTS TO EXTEND 2'-0" BEYOND ACT CLOUD EDGE.



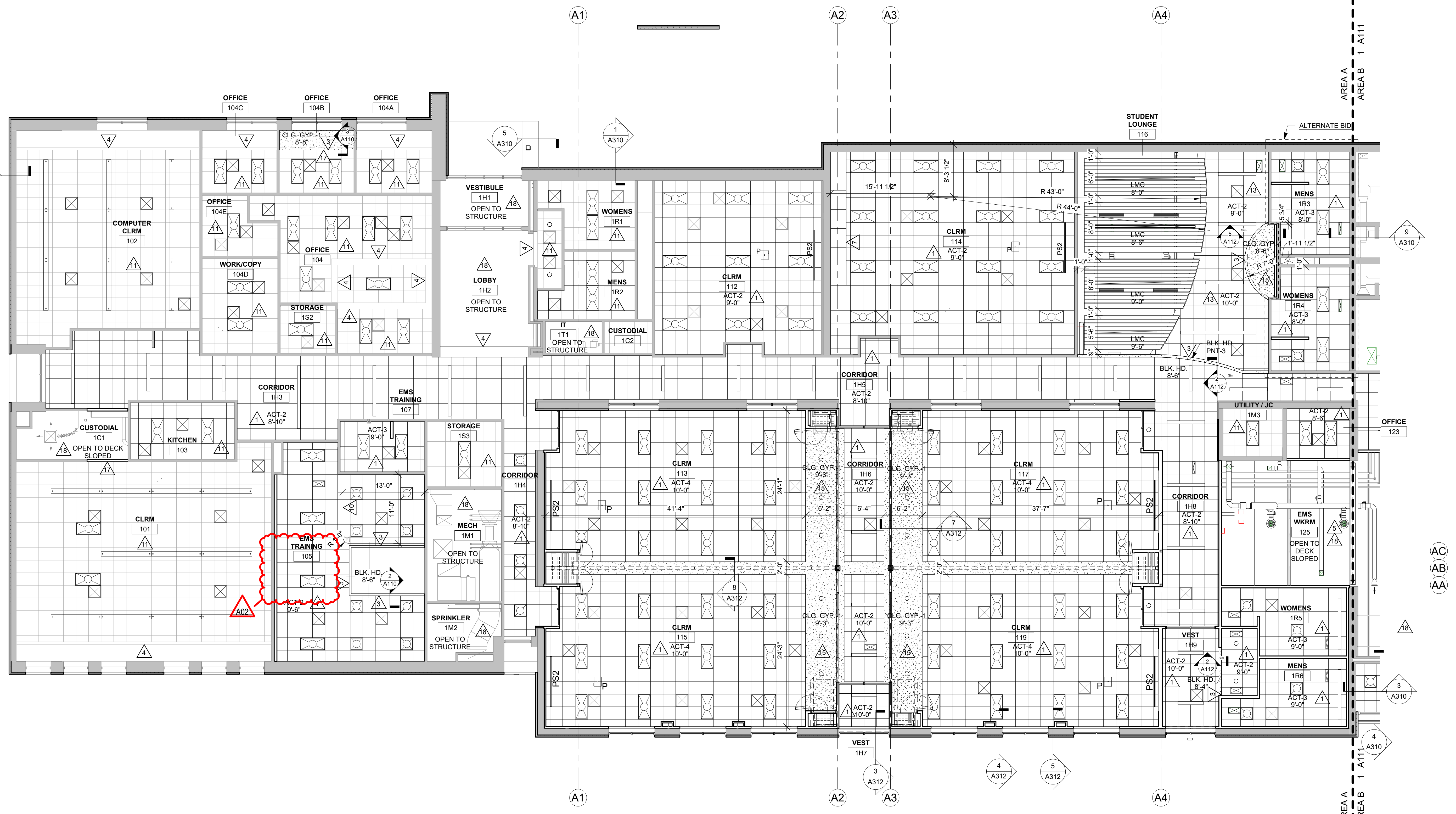
5 DETAIL
1" = 1'-0"



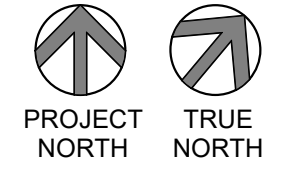
4 DETAIL
1" = 1'-0"

3 BULKHEAD DETAIL
1 1/2" = 1'-0"

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



1 FIRST FLOOR RCP - AREA A
1/8" = 1'-0"



No.	Description	Date
A02	ADDENDUM 2	2-24-21

Graphic Scale: VARIES

Last Update: 2/24/2021 9:37:19 AM

A110



Consultant:

WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION

Project Location: 11177 COUNTY ROAD A
SPARTA, WI 54656

Sheet Title: ROOF PLAN

Project Number: 20028

Project Date: FEBRUARY 2021

Drawn By: MPL

Key Plan:

No.	Description	Date
A02	ADDENDUM 2	2-24-21

Graphic Scale: VARIES

Last Update: 2/24/2021 9:37:28 AM

A120

ROOF GENERAL NOTES:

- A. SEE ROOF SYSTEM NOTES FOR MINIMUM AND AVERAGE INSULATION VALUES.
- B. TAPERED INSULATION SHOP DRAWING APPROVAL SHALL INCLUDE REVIEW OF DRAIN AND SCUPPER LOCATIONS IN RELATION TO STRUCTURAL AND MEP SYSTEM COMPONENTS, INCLUDING, BUT NOT LIMITED TO, ROOF TOP EQUIPMENT, DUCTWORK, ROOF LEADER RUNS, LIGHTING, PIPING AND CONDUIT. PRIOR TO INSTALLATION OF DRAINS AND EQUIPMENT COORDINATE A WALK THROUGH WITH A/E AND APPLICABLE SUBCONTRACTORS TO CONFIRM CONDITIONS. ADJUSTMENTS TO DRAIN AND EQUIPMENT RELOCATIONS SHALL BE COORDINATED WITH A/E AT THAT TIME.
- C. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.
- D. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.
- E. ALL METAL ROOF AND FLASHING SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURERS SPECIFIED WARRANTY.
- F. WHERE MEMBRANE IS SHOWN OVER TOP OF WALL EXTEND DOWN, OPPOSITE SIDE AND SECURE TO BLOCKING.
- G. TOP OF WALL BLOCKING SHOWN IS GRAPHIC. PROVIDE BLOCKING THAT SHALL BE ANCHORED TO WALL BELOW AS RECOMMENDED. BY ROOFING SYSTEM MANUFACTURER TO WITHSTAND WIND UPLIFT. AS STATED IN CODE. TOP OF WALLS SHALL SLOPE TOWARDS ROOF.
- H. INSTALL BOND BREAK BETWEEN ALL WOOD BLOCKING AND CMU OR CONCRETE.
- I. WHERE ROOF DRAINS PENETRATE ABOVE ROOMS WI NO CEILING CARE SHALL BE TAKEN TO ENSURE BEAT CUTS IN THE DECK AND PIPING INSULATION SHALL BE CUT AND ANCHORED NEATLY @ RIGHT ANGLES TO STRUCTURE.
- J. AT INTERSECTION OF ROOF INSULATION WITH VERTICAL SURFACES FILL ALL VOIDS AT INSULATION TERMINATION WITH EXPANDING FOAM INSULATION.

ROOF SYSTEM DESCRIPTIONS:

- A. MODIFIED BUILT-UP ROOFING SYSTEM. COORDINATE WITH OWNERS ROOFING CONTRACTOR.
- B. EXISTING STANDING SEAM METAL ROOF TO REMAIN.
- C. STANDING SEAM METAL ROOF SYSTEM. COORDINATE WITH OWNERS ROOFING CONTRACTOR.

ROOF EQUIPMENT LEGEND:

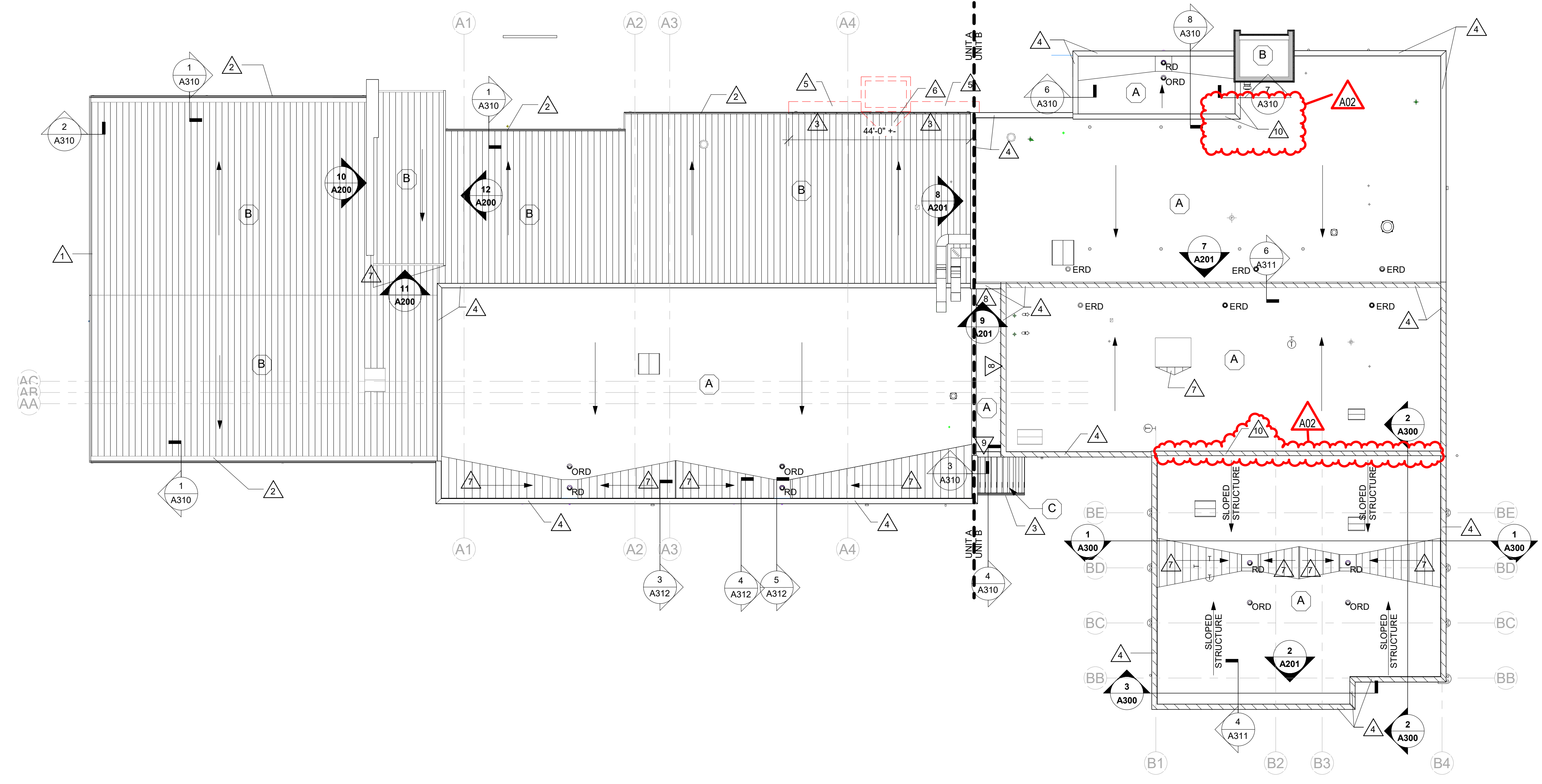
- VENT HOOD-SEE MECHANICAL.
- AIR INTAKE/EXHAUST VENT-SEE MECHANICAL.
- PLUMBING VENT-SEE PLUMBING.
- RD = ROOF DRAIN WITH 4" SQUARE SUMP. INSTALL TO MEET ROOF WARRANTY REQUIREMENT - SEE PLUMBING.
- ORD = OVERFLOW ROOF DRAIN. INSTALL TO MEET ROOF WARRANTY REQUIREMENT - SEE PLUMBING.
- ERD = EXISTING ROOF DRAIN - SEE PLUMBING.
- TOP OF PARAPET BLOCKING TO MATCH

PARAPET AND RELATED ROOF BLOCKING SHALL BE PART OF GENERAL CONSTRUCTION CONTRACT. COORDINATE INSTALLATION WITH OWNERS ROOF CONTRACTOR AND WALL PANEL INSTALLATION.

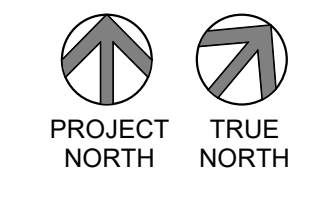
ALL WORK DONE BY OWNERS ROOFING CONTRACTOR UNLESS NOTED OTHERWISE

KEY NOTES ROOF

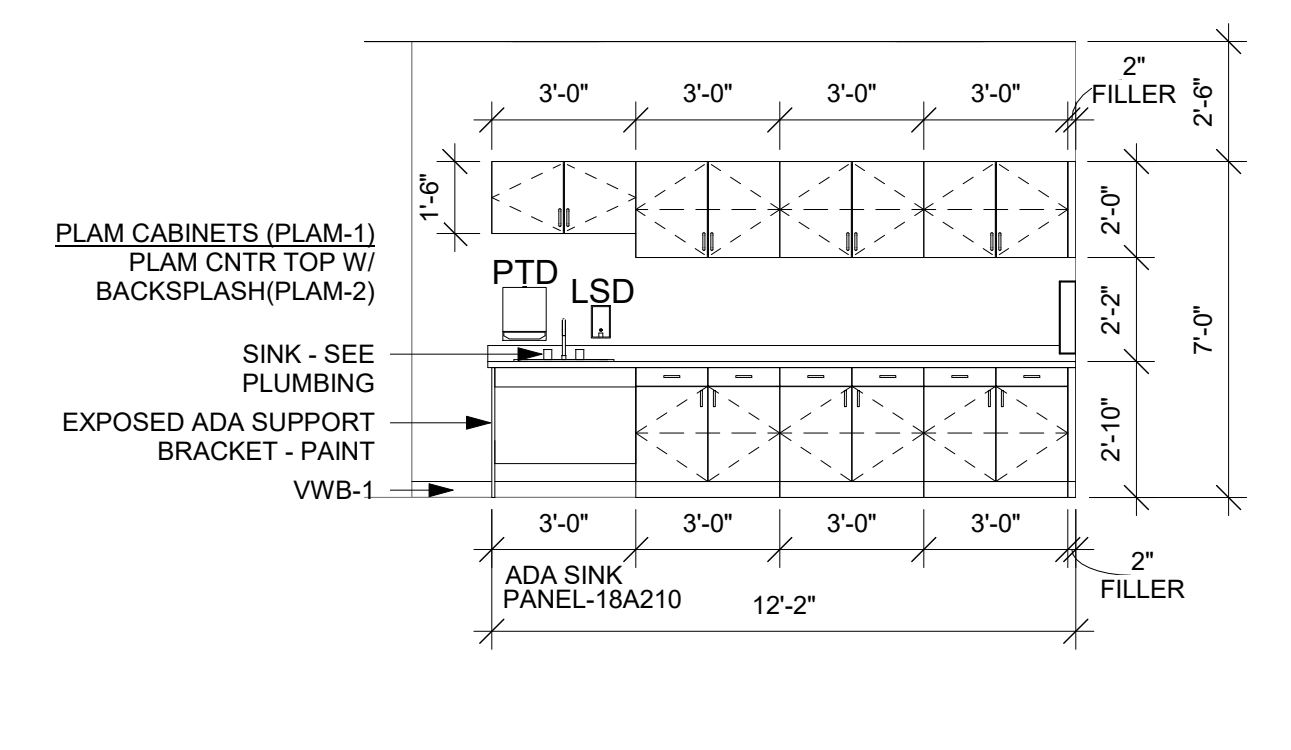
1. PREFINISHED SHEET METAL STEPPED FLASHING.
2. EXISTING GUTTER TO REMAIN.
3. REMOVE EXISTING GUTTERS AND STANDING SEAM ROOF PANELS AS REQUIRED. REMAINING BUILDING REMOVAL BY GENERAL CONTRACTOR.
4. REMOVE EXISTING GUTTERS AND STANDING SEAM ROOF PANELS AS REQUIRED. REMAINING BUILDING REMOVAL BY GENERAL CONTRACTOR.
5. REMOVE EXISTING GUTTERS AND STANDING SEAM ROOF PANELS AS REQUIRED. REMAINING BUILDING REMOVAL BY GENERAL CONTRACTOR.
6. REMOVE EXISTING GUTTERS AND STANDING SEAM ROOF PANELS AS REQUIRED. REMAINING BUILDING REMOVAL BY GENERAL CONTRACTOR.
7. BUILT-UP CRICKET.
8. EXISTING WALL PANELS TO REMAIN.
9. GUTTER DOWNSPOUT REMOVAL AND ROOF EDGE CHANGES BY OWNERS.
10. PREFINISHED SHEET METAL CAP FLASHING AND RELATED RECEIVER/COUNTER FLASHINGS.



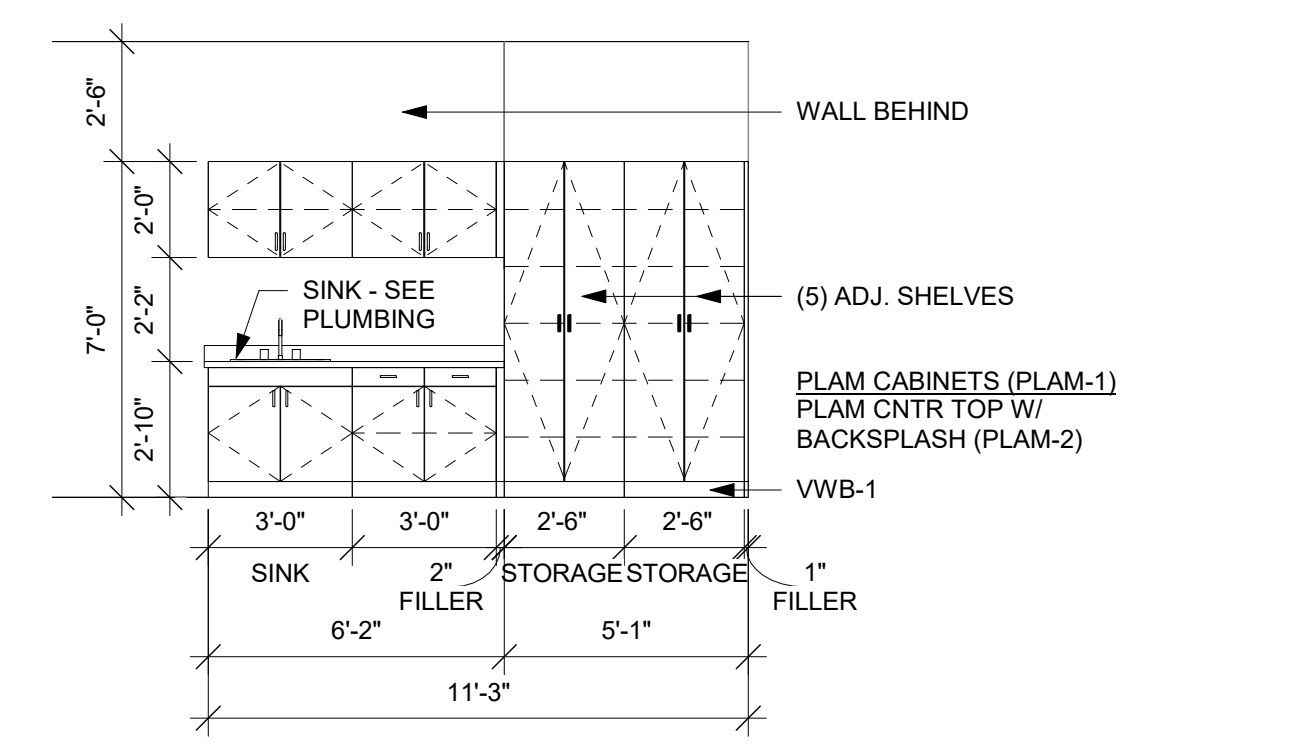
1 ROOF PLAN
1/16" = 1'-0"



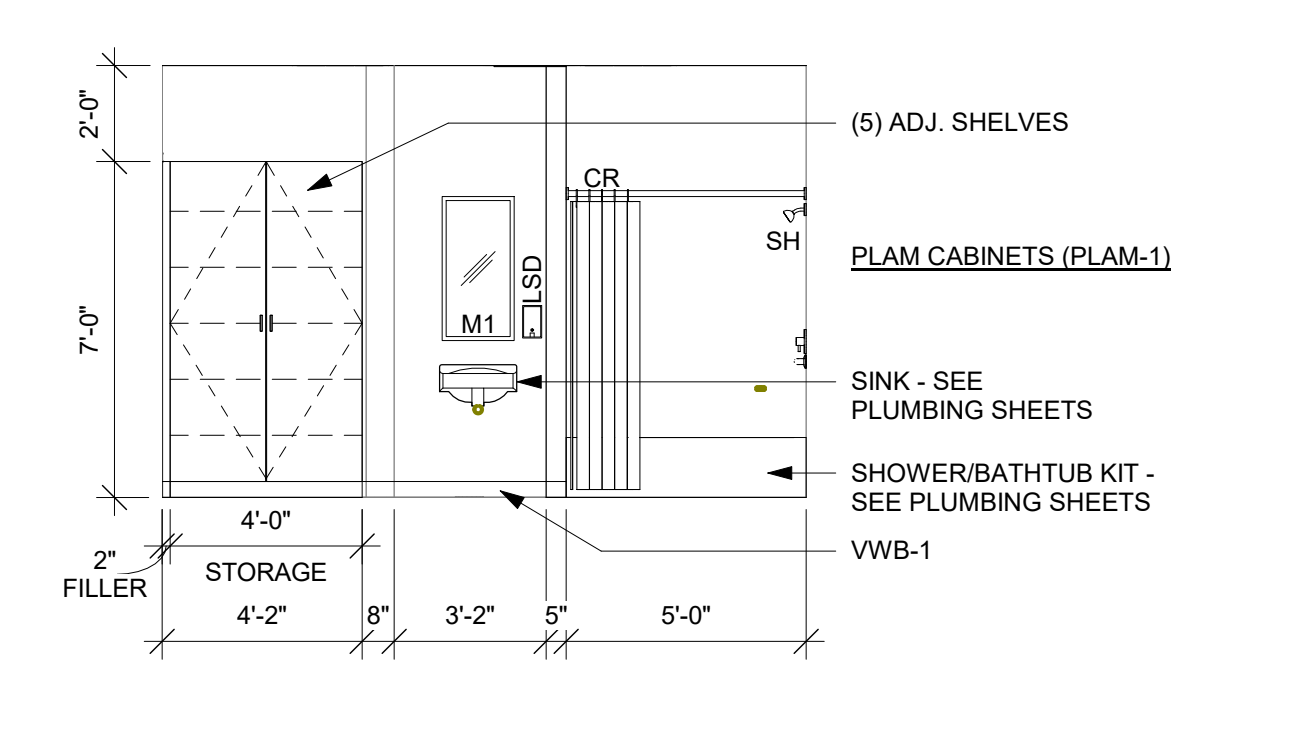
- CASEWORK GENERAL NOTES:**
- ALL CABINET LOCKS SHALL BE KEYPED ALIKE
 - CASEWORK MANUFACTURER SHALL FIELD VERIFY ALL CASEWORK DIMENSIONS & CONDITIONS PRIOR TO FABRICATION OF CASEWORK
 - PROVIDE FINISHED END PANELS AT ALL KNEE SPACE, ALCOVES, AND EXPOSED CABINET ENDS
 - INSTALL 1-1/2" WOOD BLOCKING BETWEEN STUDS FOR CASEWORK MOUNTING AT TOP AND BOTTOM OF ALL WALL CABINETS AND AT TOP OF ALL BASE CABINETS
 - ALL BASE CABINET KICKS, ALCOVES, KNEE SPACE AND END PANELS SHALL RECEIVE BASE UNLESS OTHERWISE NOTED. SEE MASTER COLOR SCHEDULE FOR SIZE AND COLOR
 - SEAL EDGE OF COUNTER/BACKSPASH TO ALL WALL LOCATIONS W/ CLEAR SEALANT
 - PROVIDE COND GROMMETS AT ALL WORK STATIONS - COORDINATE W/ OWNER FOR LOCATIONS
 - REFER TO MASTER COLOR SCHEDULE FOR PLASTIC LAMINATE SELECTIONS. ALL PLAM COUNTERTOPS TO BE PLAM-2. ALL LOWER/UPPER CASEWORK TO BE PLAM-1, UNLESS OTHERWISE NOTED. (COORDINATE PLAM SELECTION W/ INTERIORS)
 - INSTALL TWO MAGNETIC CATCHES FOR ALL TALL CABINETS, TOP AND BOTTOM AT EACH DOOR. TALL CABINETS WITH LOCKS SHALL ALSO HAVE AN ELBOW LATCH INSTALLED AT A CENTER FIXED SHELF. ALL OTHER SHELVES SHALL BE ADJUSTABLE
 - WALL CABINETS SHALL BE 13 1/2" DEEP (CLEAR INSIDE) AND BASE CABINETS SHALL BE 24" DEEP UNLESS NOTED OTHERWISE. COUNTERTOPS TO EXTEND 1" BEYOND THE FINISHED EDGE OF BASE CABINET UNLESS NOTED OTHERWISE
 - LAMINATE GRAIN TO ALIGN VERTICALLY ON ALL CASEWORK
 - REFER TO ACCESSORY SCHEDULE ON SHEET A400 & TO EQUIPMENT SCHEDULE ON SHEET A100



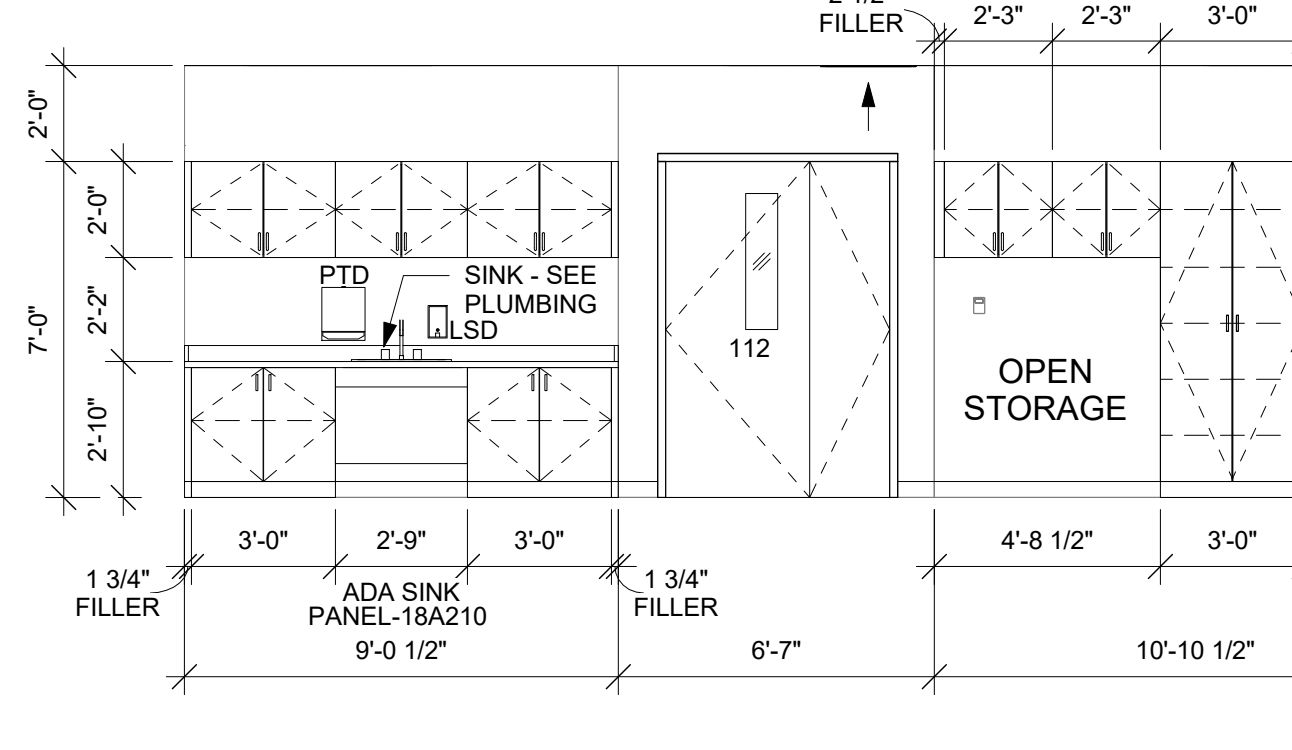
1 CASEWORK - RM 105
1/4" = 1'-0"



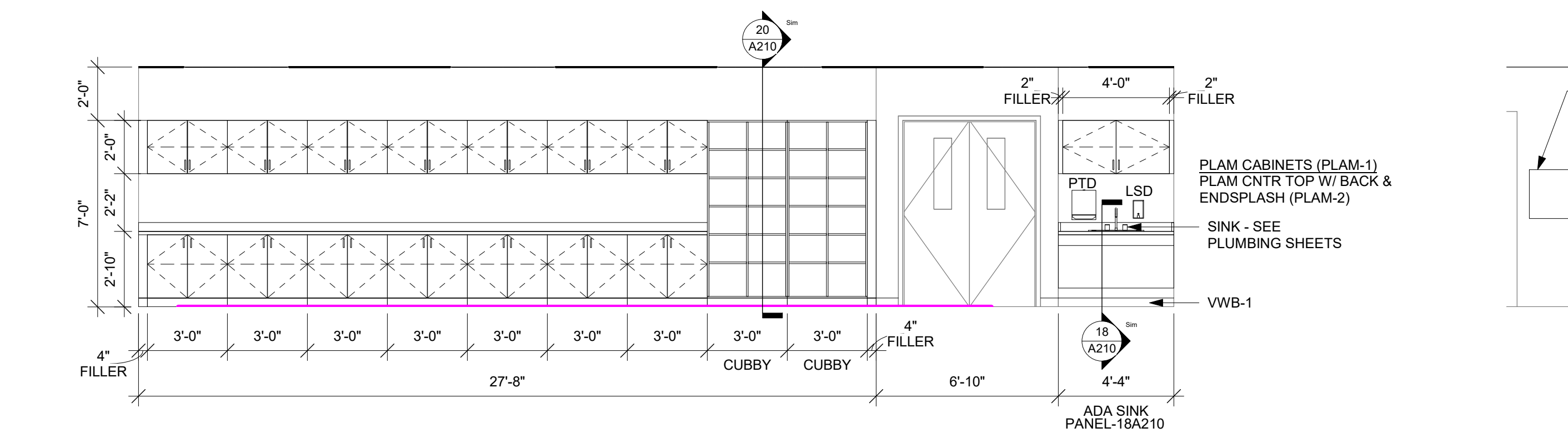
2 CASEWORK - RM 105
1/4" = 1'-0"



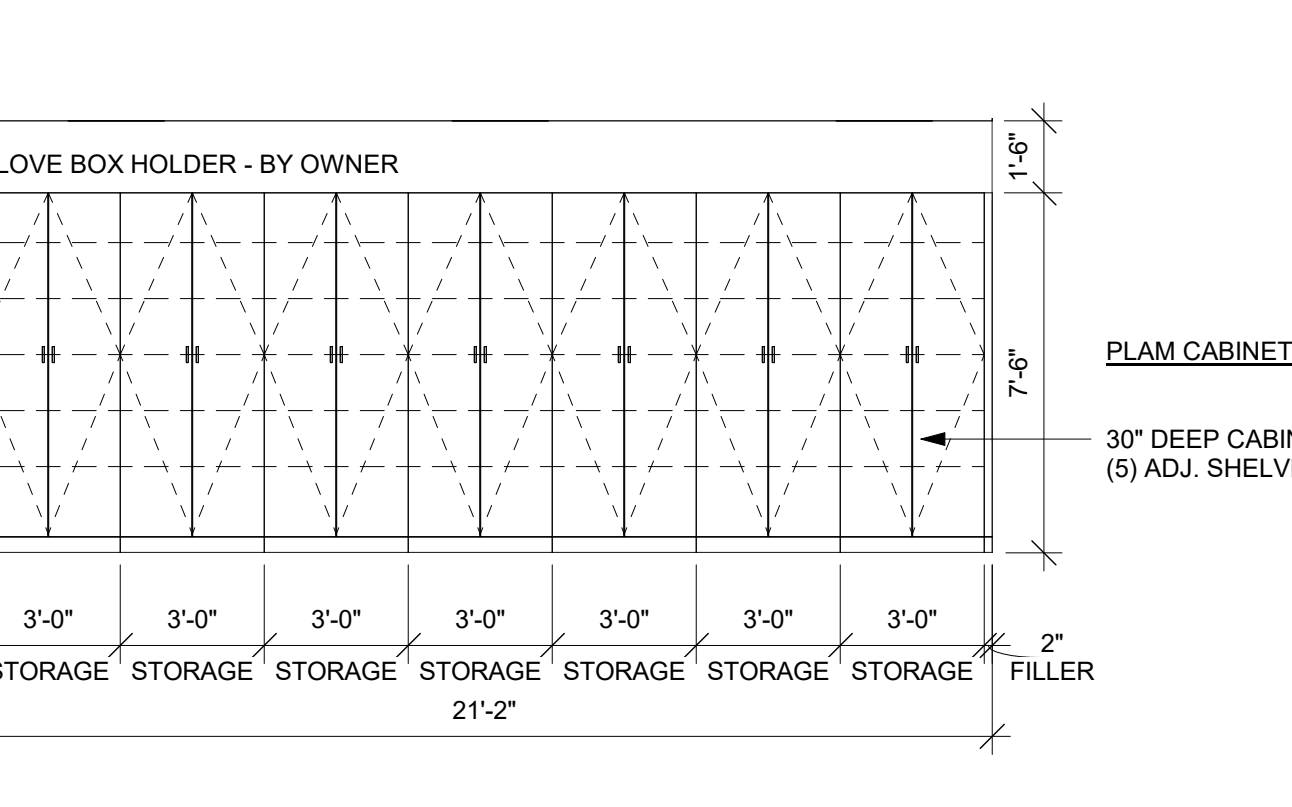
3 CASEWORK - RM 107
1/4" = 1'-0"



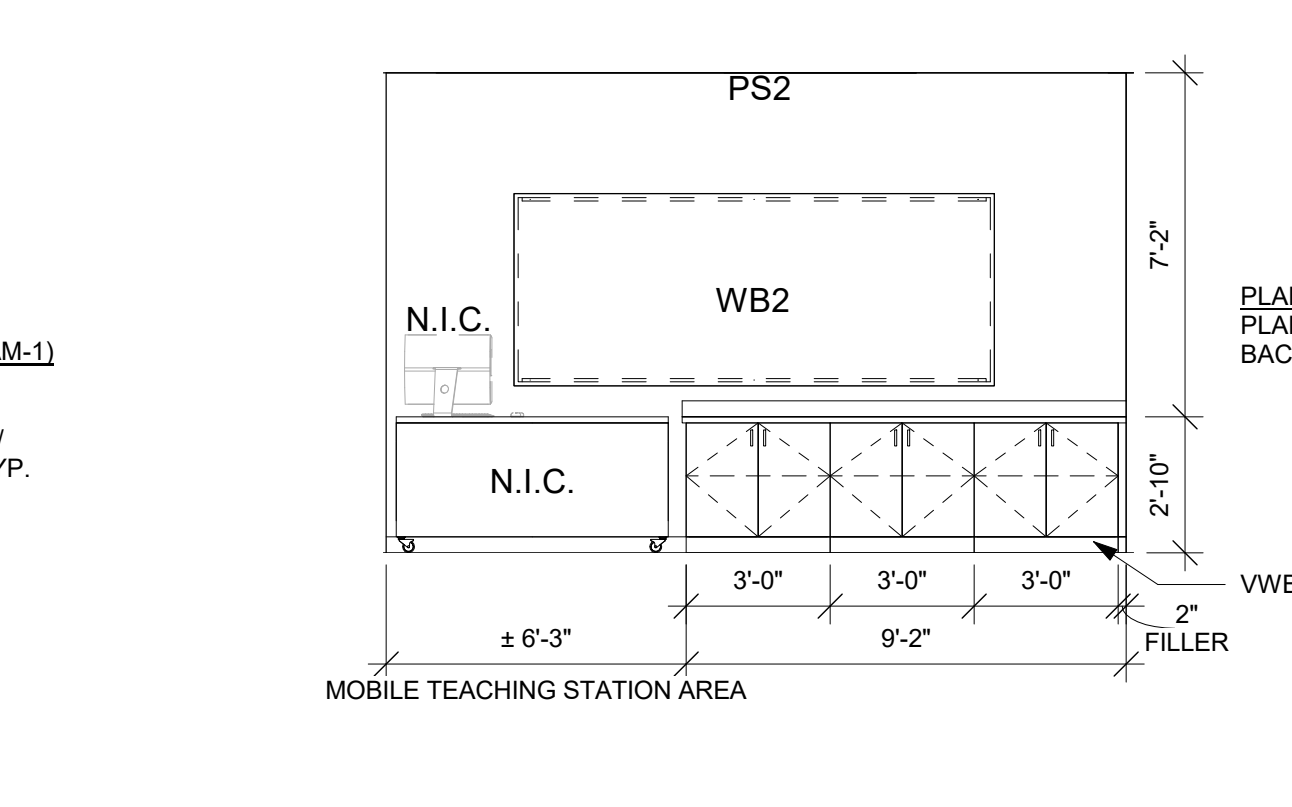
4 CASEWORK - RM 112
1/4" = 1'-0"



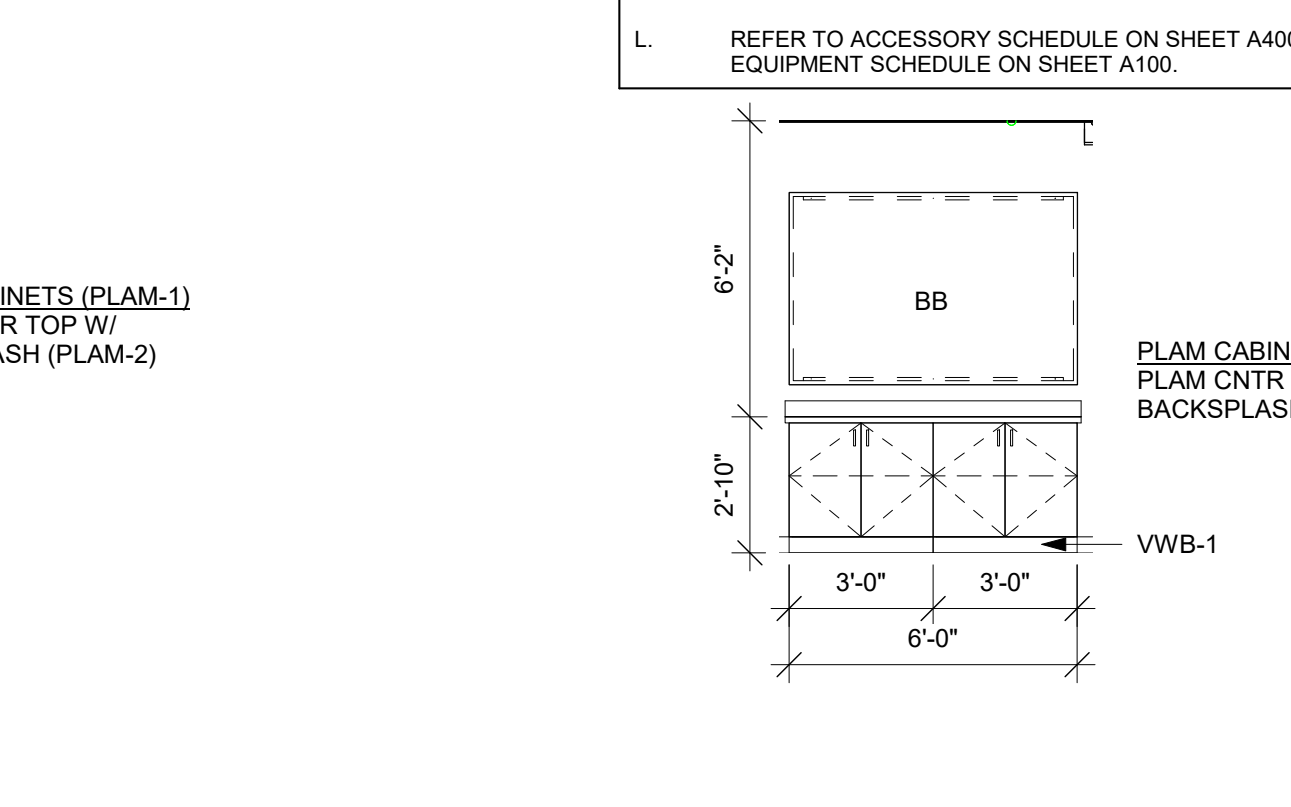
5 CASEWORK - RM 114
1/4" = 1'-0"



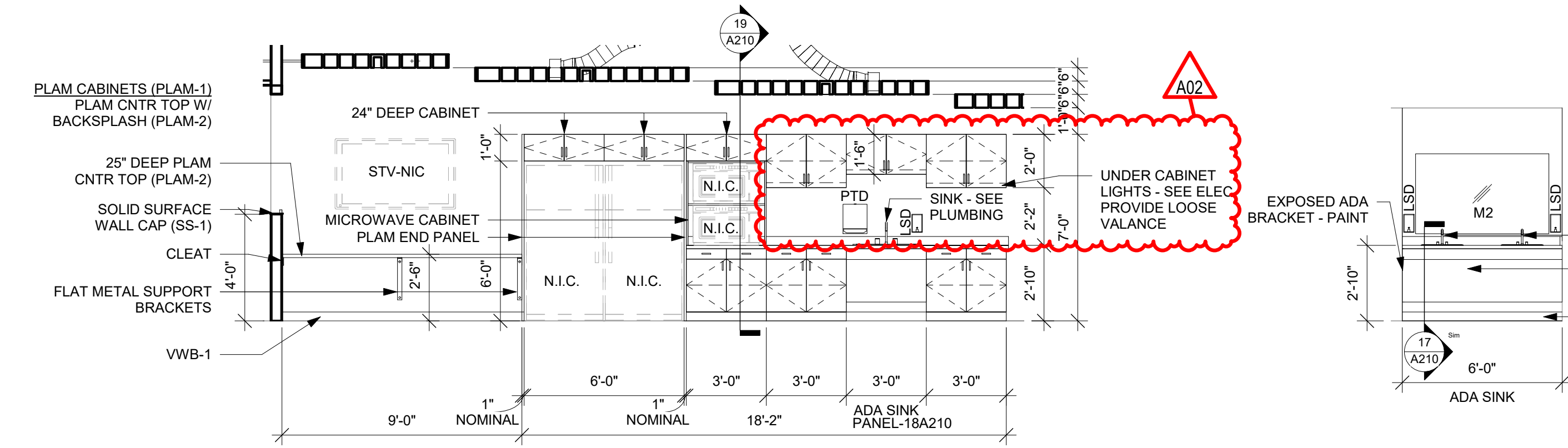
6 CASEWORK - RM 114
1/4" = 1'-0"



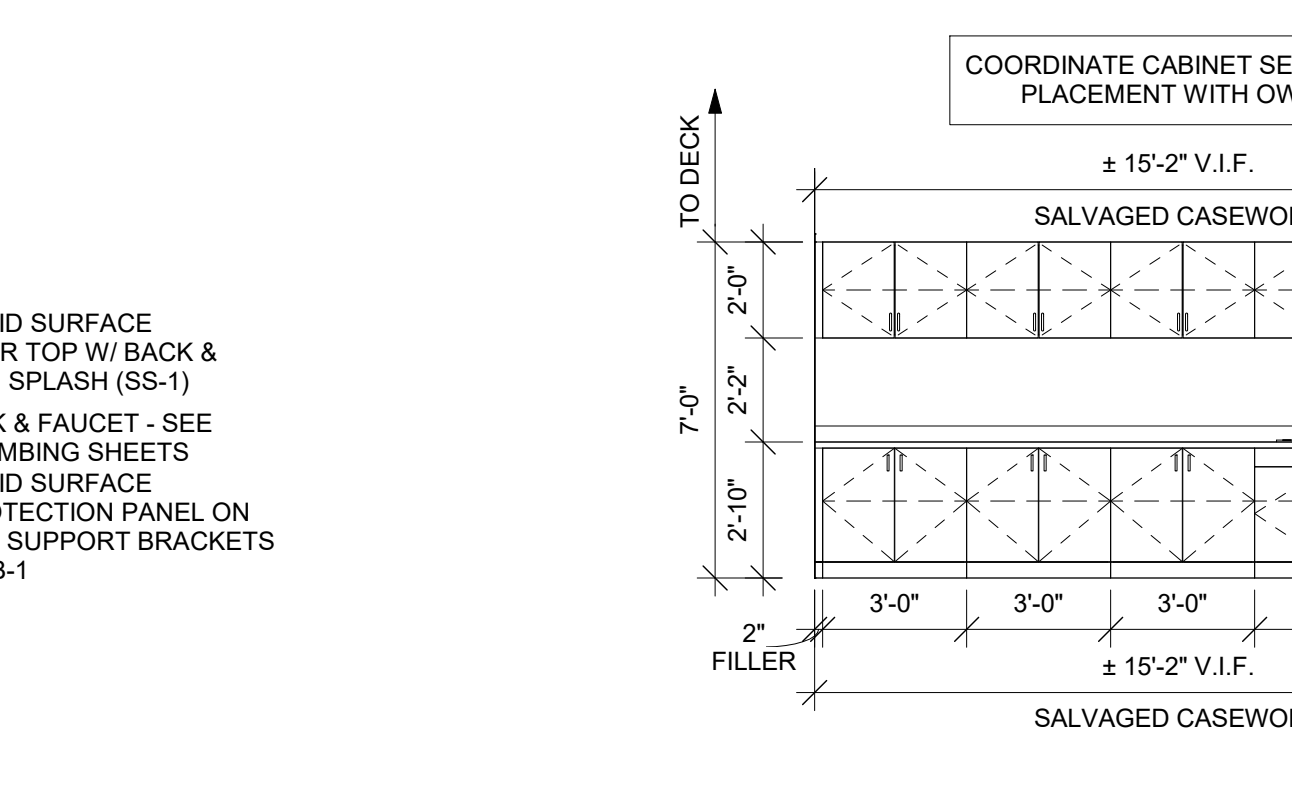
7 CASEWORK - RM 113, 115, 117, & 119
1/4" = 1'-0"



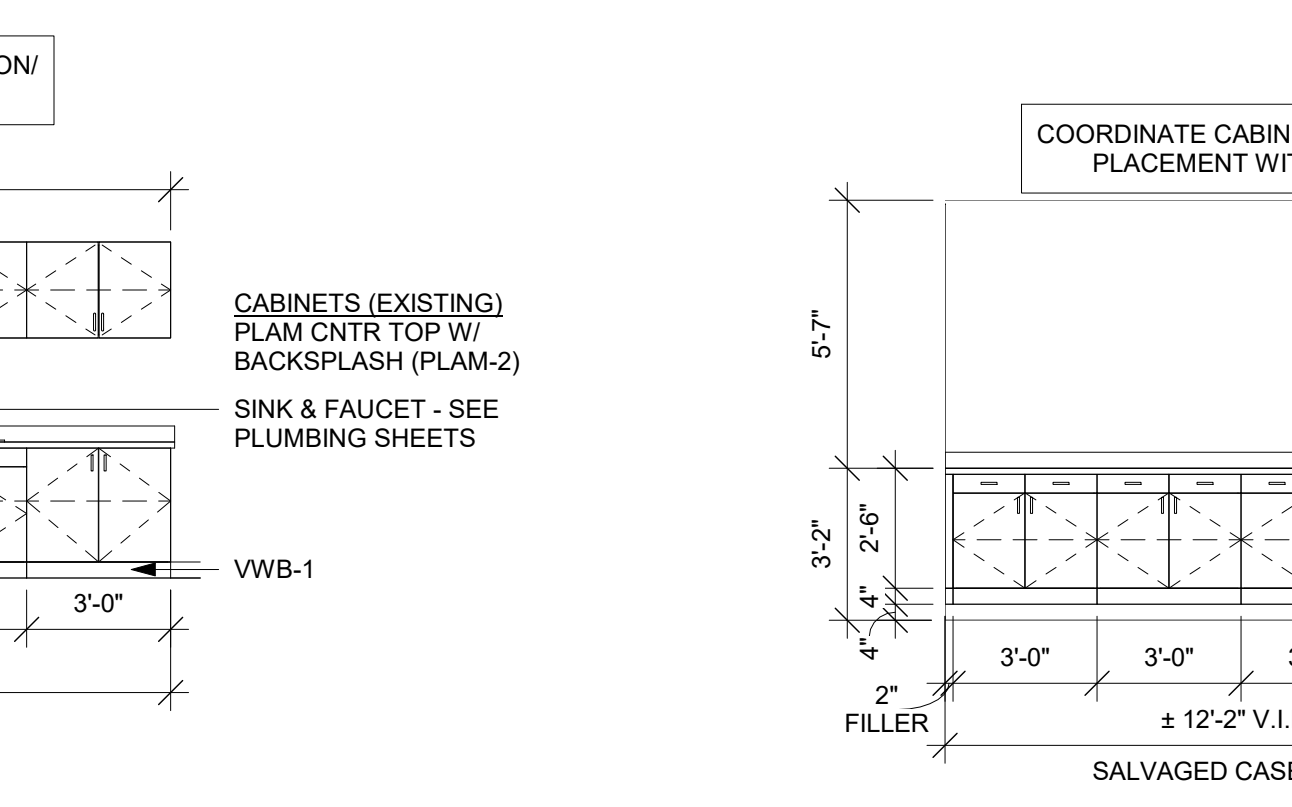
8 CSWK RM 116
1/4" = 1'-0"



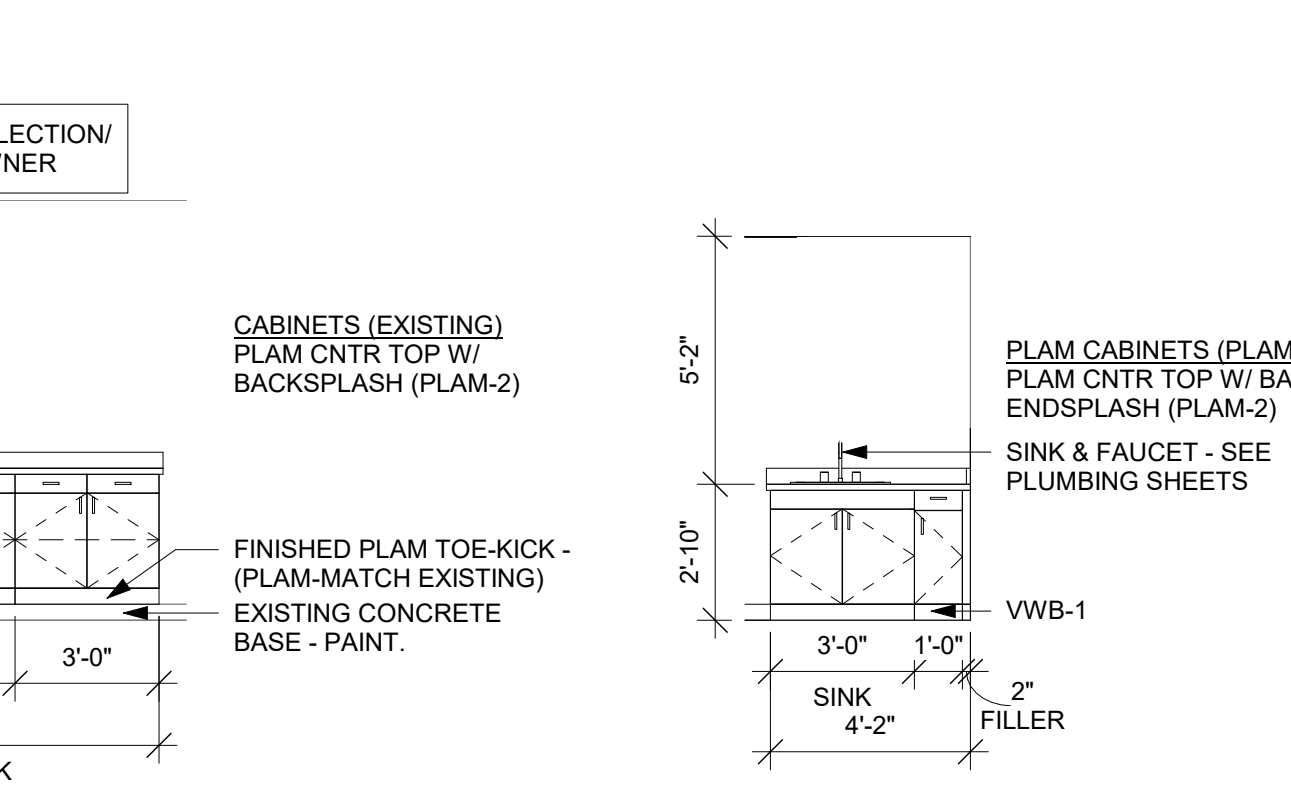
9 CSWRK RM 116
1/4" = 1'-0"



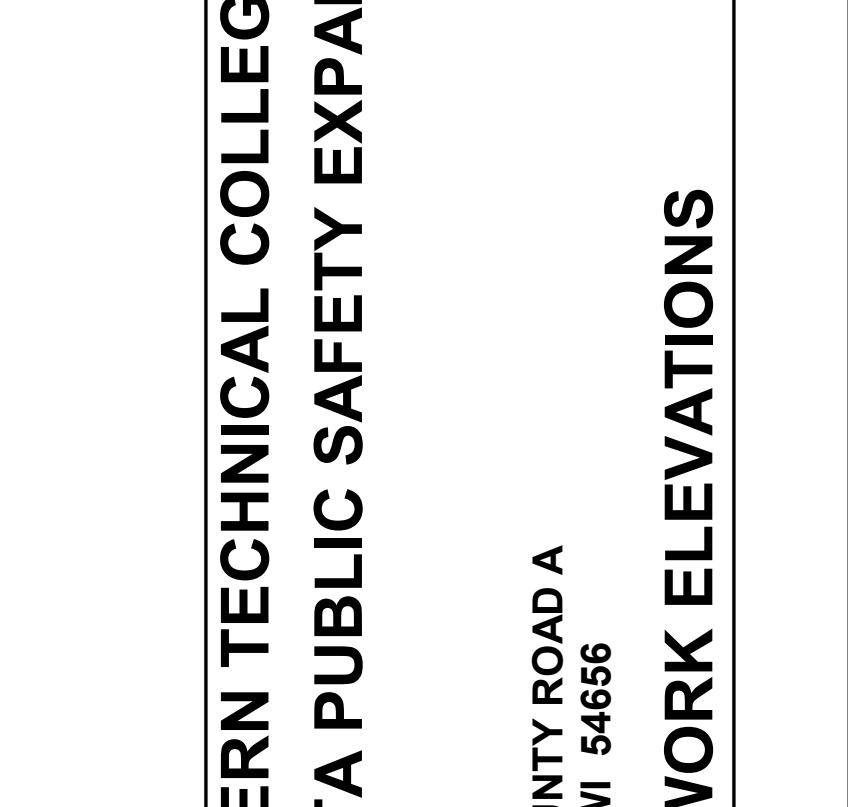
10 CSWK RM 1R3 & 1R4
1/4" = 1'-0"



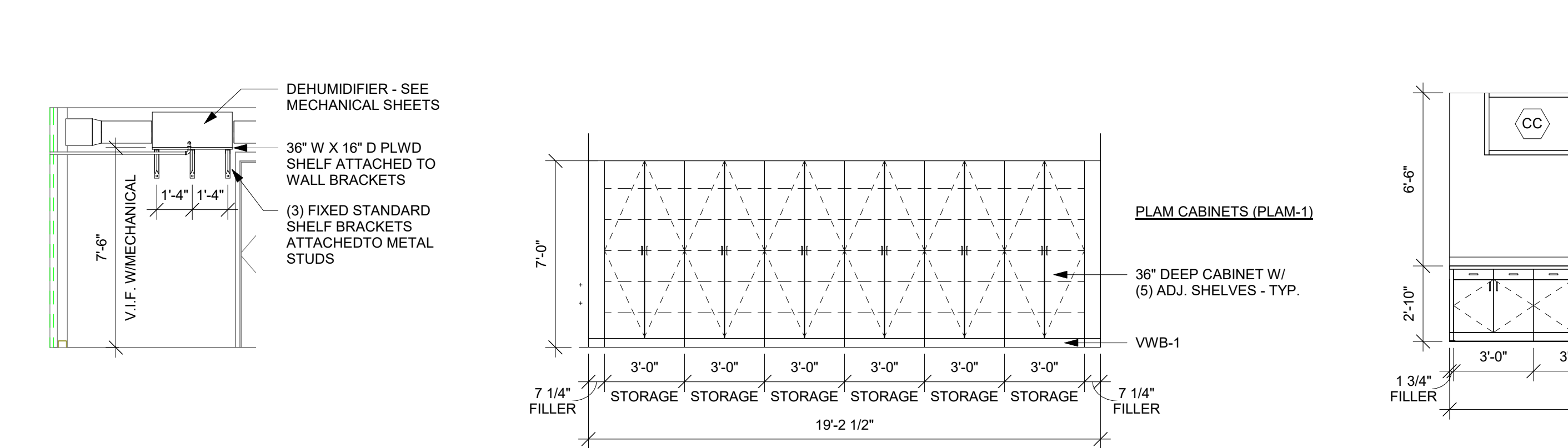
11 CASEWORK - RM 125
1/4" = 1'-0"



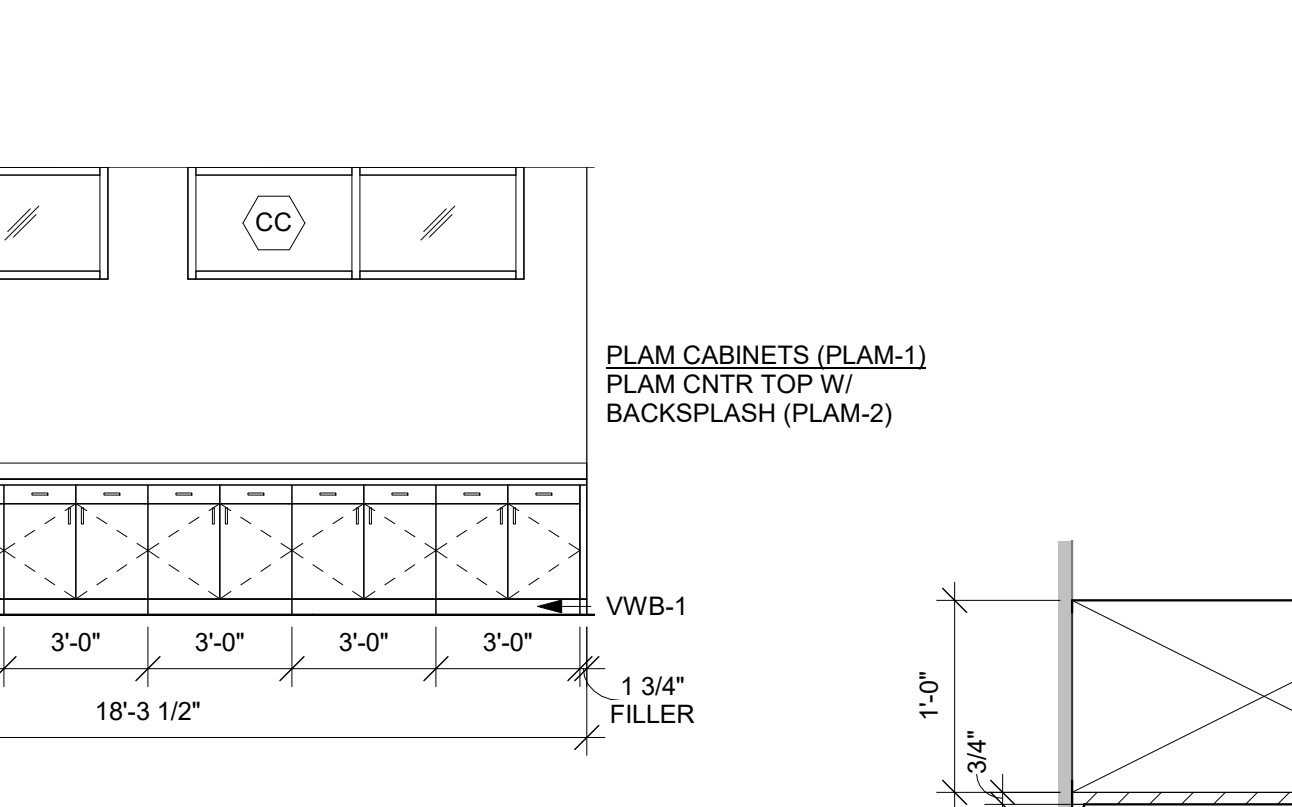
12 CSWK 130
1/4" = 1'-0"



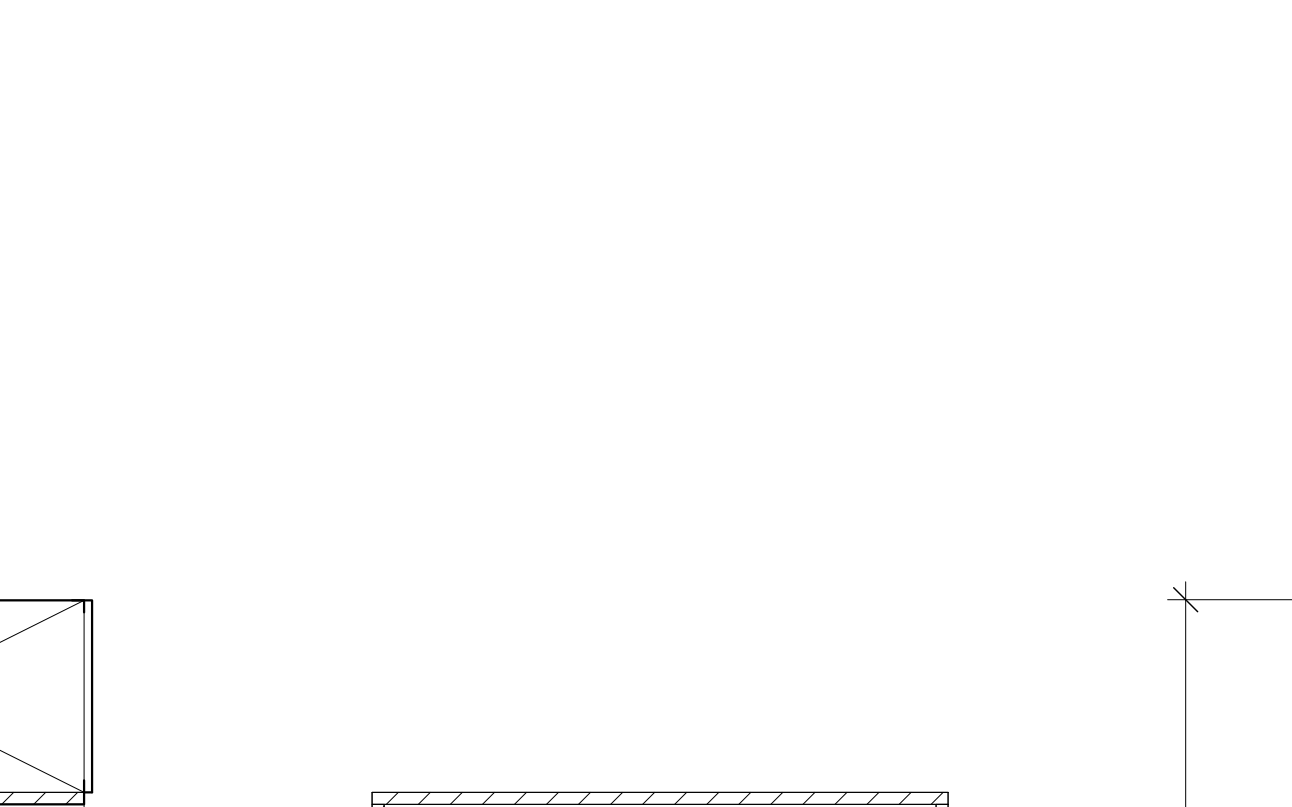
13 CSWK RM 135
1/4" = 1'-0"



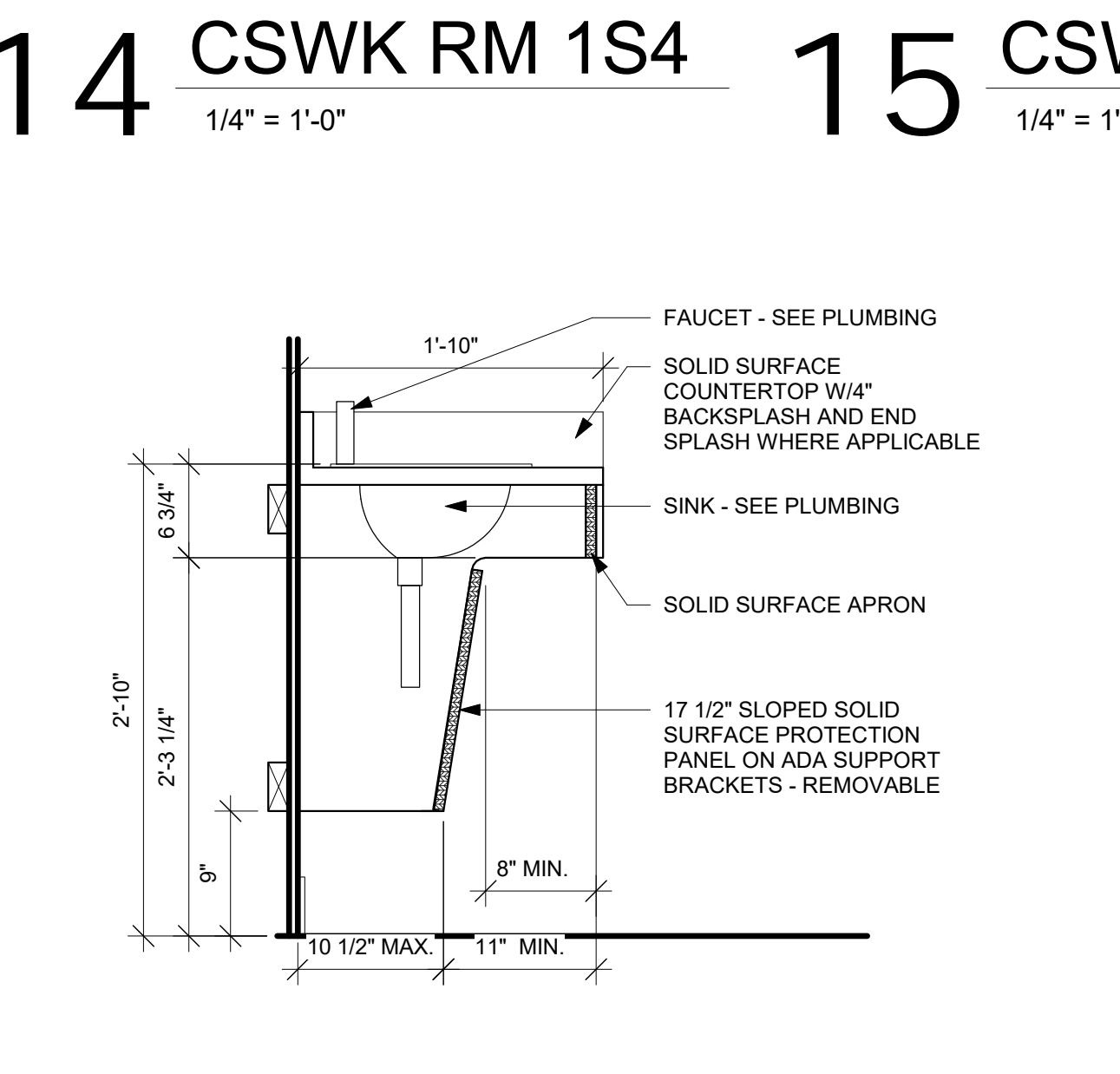
14 CSWK RM 1S4
1/4" = 1'-0"



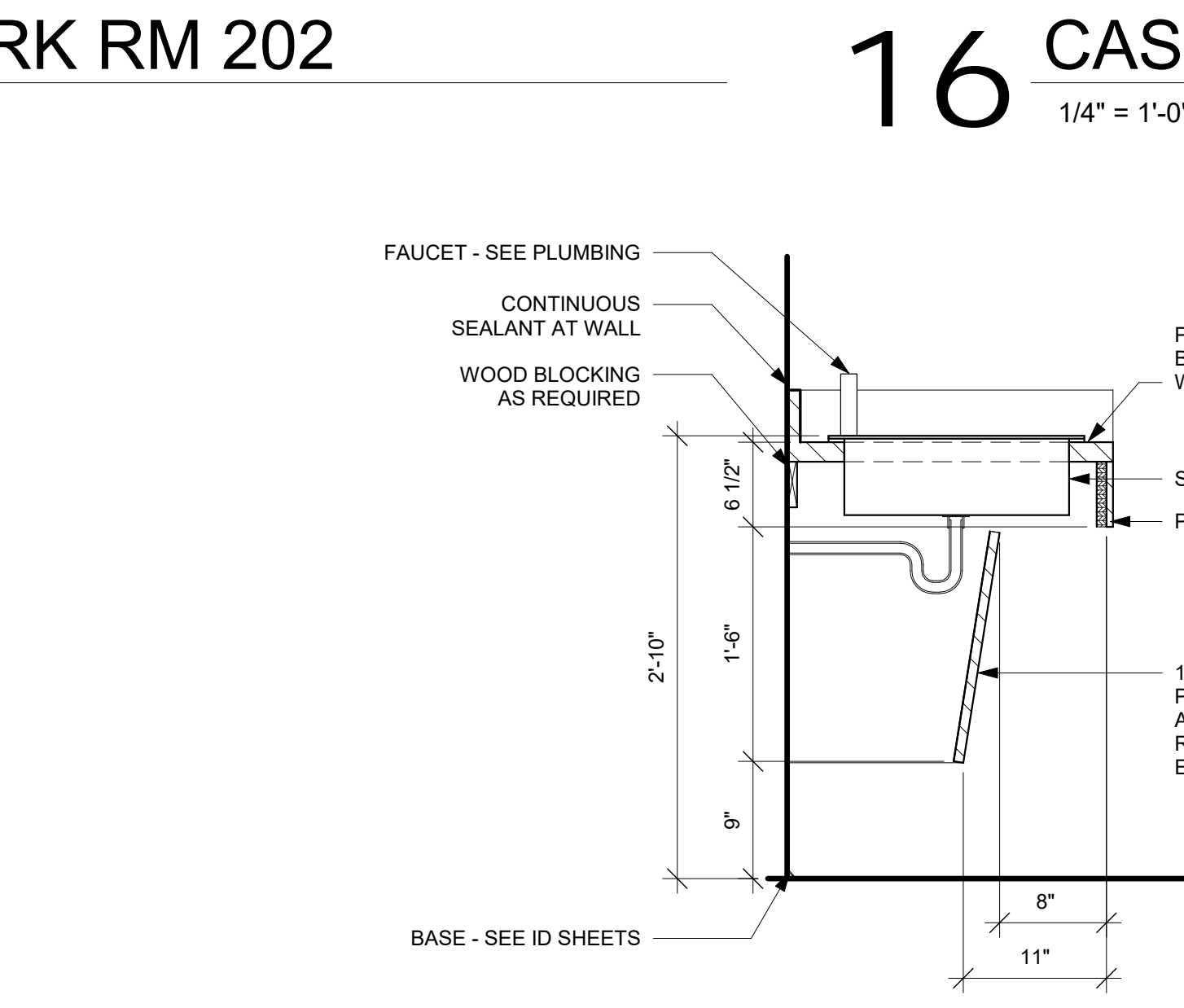
15 CSWRK RM 202
1/4" = 1'-0"



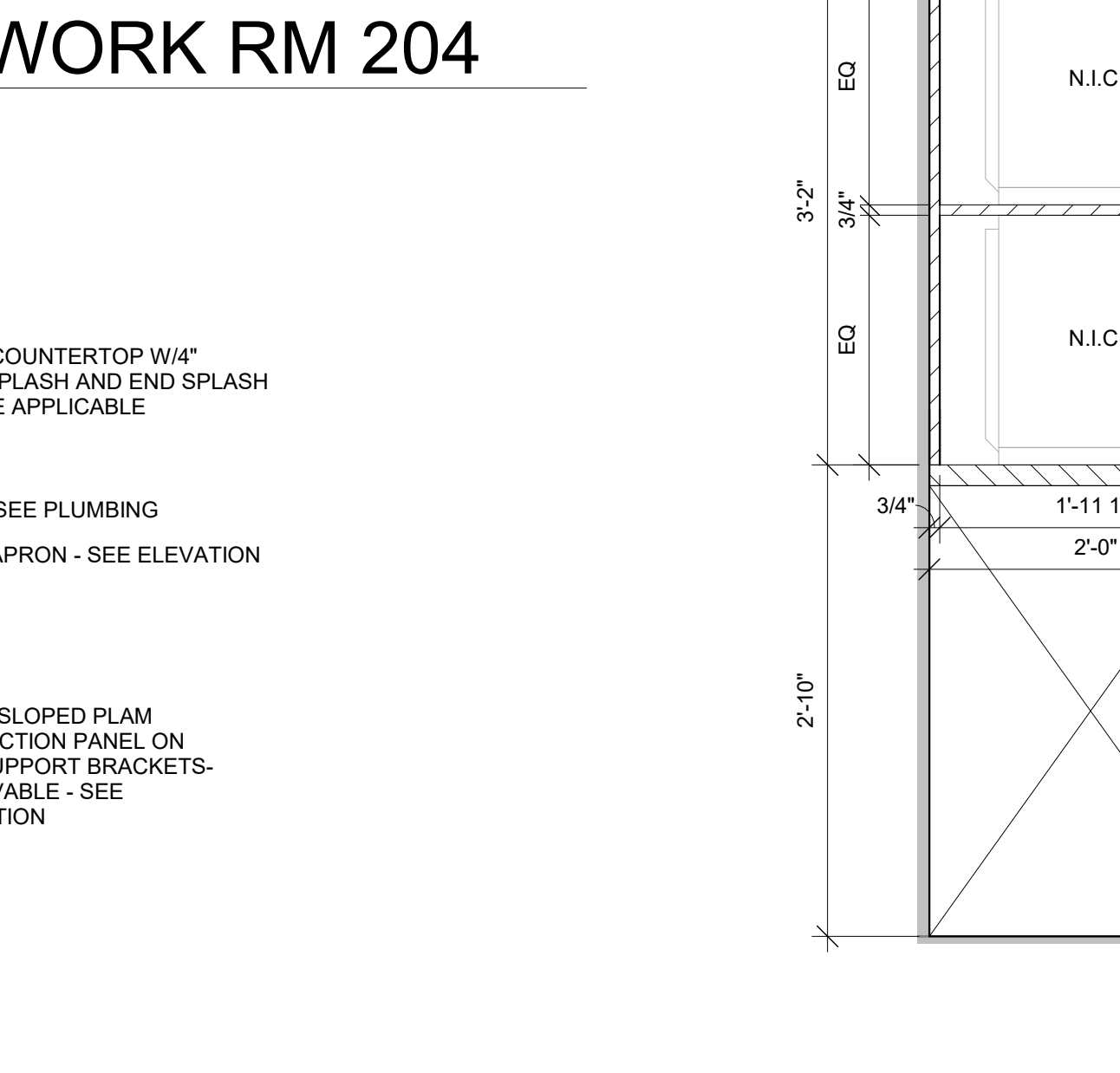
16 CASEWORK RM 204
1/4" = 1'-0"



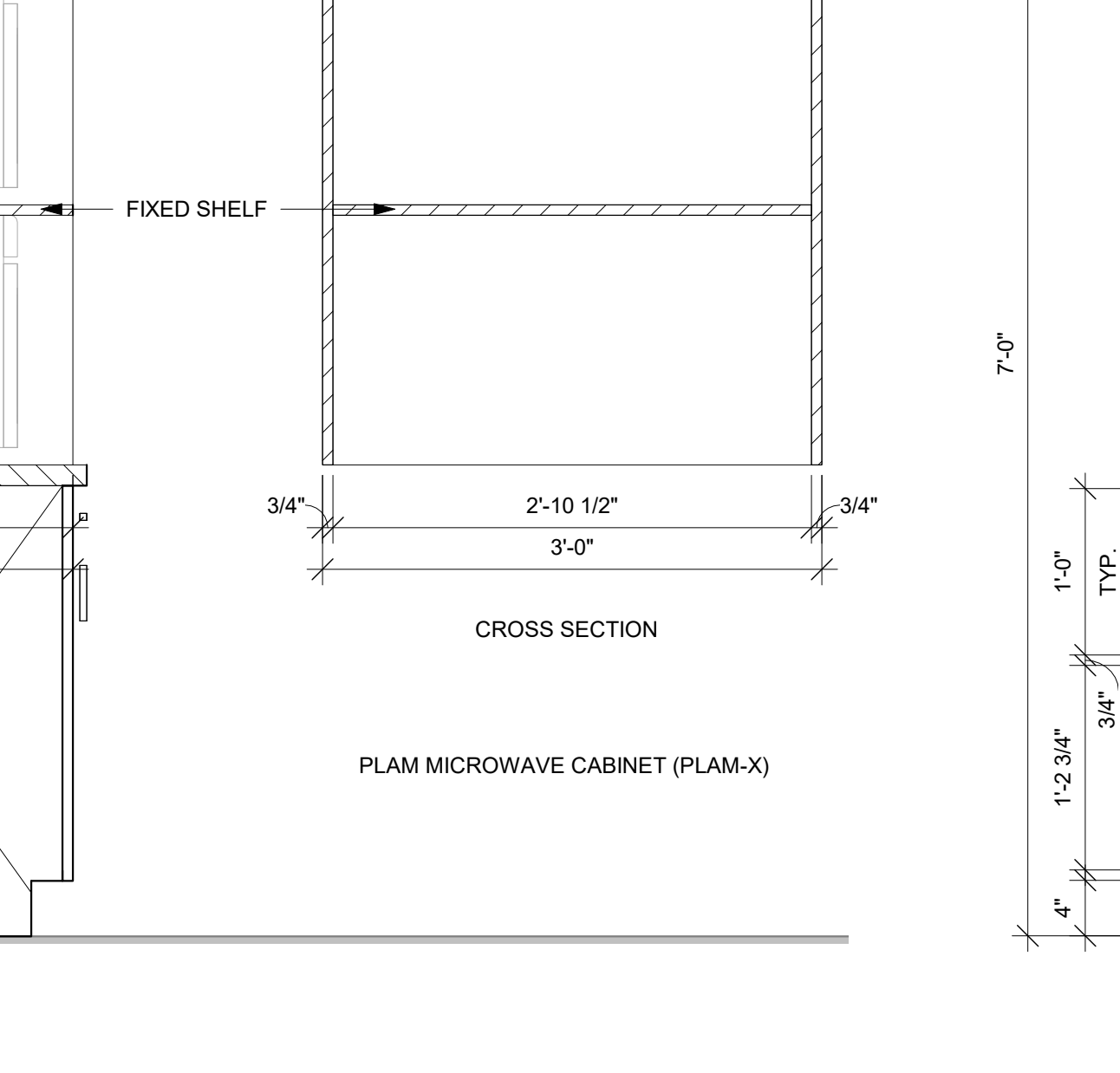
17 ADA SINK DETAIL
1" = 1'-0"



18 ADA SINK DETAIL
1" = 1'-0"

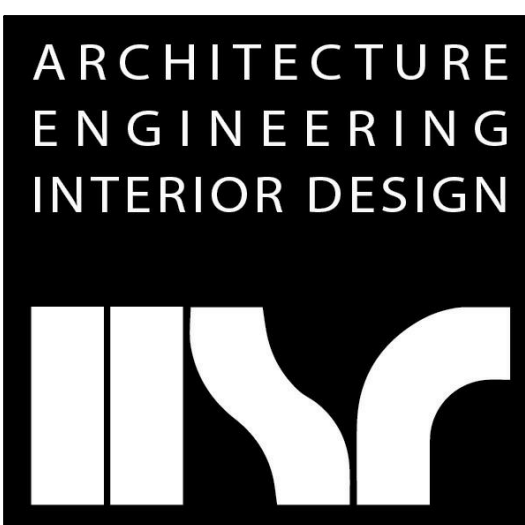


19 CSWK DETAIL
1" = 1'-0"



20 CUBBY DETAIL
1" = 1'-0"

MASTER COLOR SCHEDULE									
MANUFACTURER / COLOR		GENERAL LOCATION		REMARKS	MANUFACTURER / COLOR		GENERAL LOCATION		REMARKS
06 41 00 ARCHITECTURAL WOOD CASEWORK					09 65 66 RESILIENT ATHLETIC FLOORING				
PLAM-1 (Plastic Laminate)	<u>Manufacturer:</u> Wilsonart <u>Color:</u> Monticello Maple <u>Finish:</u> Fine Velvet Finish	Field Casework		Comparable Products by Prior Approval	RAF-1 (Resilient Athletic Flooring)	<u>Manufacturer:</u> Ecore <u>Collection:</u> Basic Rolls <u>Pattern:</u> 30 Percent Color <u>Color:</u> Blue Jays EL103 <u>Size:</u> 48" Width Rolls <u>Thickness:</u> 8mm	Weight Room 200 and DAAT 202		Comparable Products by Prior Approval
PLAM-2	<u>Manufacturer:</u> Nevamar <u>Color:</u> Veto Proof	Field Countertops		Comparable Products by Prior Approval	09 68 13 TILE CARPETING				
06 61 00 CAST POLYMER					CPT-1 (Carpet Tile)	<u>Manufacturer:</u> Interface <u>Style Name:</u> Ios Breaker <u>Color Name:</u> Grayfox <u>Size:</u> 50cm x 50cm <u>Backing:</u> GlasBac Tile <u>Installation:</u> Nondirectional	Office 133-135, 104A, 104B, 104C, and 131		Comparable Products by Prior Approval VCE as Indicated on Plans Color as Selected by A/E
SS-1 (Solid Surface)	<u>Manufacturer:</u> Staron Tempest <u>Color:</u> Horizon <u>Number:</u> FH114	Window Sills Wall Cap in Student Lounge 116 ADA Sink Apron Alt. Bid Counter Mens 1R3 & Womens 1R4		Comparable Products by Prior Approval	CPT-2	<u>Manufacturer:</u> EF Contract <u>Collection:</u> Kinetex <u>Style Name:</u> Imprint <u>Color Name:</u> Raven IMP56 <u>Construction:</u> 100% Solution Dyed Polyester <u>Size:</u> 18" x 36" <u>Installation:</u> Ashlar	112, 114, 155, 204		Comparable Products by Prior Approval VCE as Indicated on Plans Color as Selected by A/E
09 30 00 TILE					09 90 00 INTERIOR PAINTING				
TLE-1 (Tile)	<u>Manufacturer:</u> Flandre <u>Product:</u> French Clay <u>Color:</u> Cafe <u>Size:</u> 12"x 24" <u>Install:</u> Third Offset	Restroom Floor Tile 6" Tile Base		Comparable Products by Prior Approval	WCPT-1 (Walk Off Carpet)	<u>Manufacturer:</u> Patcraft <u>Collection:</u> Walk Forward <u>Style Name:</u> Arrive <u>Color Name:</u> Corridor <u>Construction:</u> Eco Solution Q Nylon Solution Dyed <u>Size:</u> 24" x 24" <u>Backing:</u> EcoWorx Tile <u>Installation:</u> Monolithic	1H14, 1H12, 1H10, 1H9, and 1H7		Comparable Products by Prior Approval VCE as Indicated on Plans Color as Selected by A/E
TLE-2	<u>Manufacturer:</u> Ceramic Tilework's <u>Product:</u> Splash Glass & Stone <u>Color:</u> Mica <u>Size:</u> 12"x12" Sheet	Full Height Tile Behind Drinking Fountains Finish Edge Where Tile Meets Flooring		Comparable Products by Prior Approval	09 90 00 INTERIOR PAINTING				
TLE-3	<u>Manufacturer:</u> Ceramic Tilework's <u>Product:</u> Vestige <u>Color:</u> Gesso <u>Size:</u> 3"x8" <u>Install:</u> Running Bond	Tile Behind Drinking Fountain Student Lounge 116 Finish Edge Where Tile Meets Flooring		Comparable Products by Prior Approval	PNT-1	<u>Manufacturer:</u> Sherwin Williams <u>Color:</u> Oyster Bar <u>Color Code:</u> SW 7565	Field Paint Painted Ceiling and Structure on Second Floor See Reflected Ceiling Plan for Parameters		*Or Equal
TT-1 (Tile Transition)	<u>Manufacturer:</u> Schluter <u>Style:</u> Reno-U <u>Color:</u> Brushed Nickel	Tile Floor Transitions		Comparable Products by Prior Approval	PNT-2	<u>Manufacturer:</u> Pittsburgh Paint <u>Color:</u> Oyster Shell <u>Color Code:</u> PPG14-13	Hollow Metal Door and Window Frames Handrails and Elevator Doors		*Or Equal
TT-2	<u>Manufacturer:</u> Schluter <u>Style:</u> DILEX-AHKA <u>Color:</u> Brushed Nickel	Cove Trim Between Tile Base and Floor Tile		Comparable Products by Prior Approval	PNT-3	<u>Manufacturer:</u> Pittsburgh Paint <u>Color:</u> Blue Zephyr <u>Color Code:</u> PPG1042-6	Accent		*Or Equal
TT-3	<u>Manufacturer:</u> Schluter <u>Style:</u> Jolly <u>Color:</u> Brushed Nickel	Edge Trim/Protection Top Edge Trim of Tile Base		Comparable Products by Prior Approval	PNT-4	<u>Manufacturer:</u> Sherwin Williams <u>Color:</u> Red Tomato <u>Color Code:</u> SW6607	Accent		*Or Equal
09 65 00 RESILIENT FLOORING/BASE					PNT-5	<u>Manufacturer:</u> Sherwin Williams <u>Color:</u> Black Magic <u>Color Code:</u> SW6991	Ceiling and Structure Paint in Fire Training Lockers 157		*Or Equal
LVT-1	<u>Manufacturer:</u> Mohawk <u>Collection:</u> Hot and heavy <u>Pattern:</u> Lineate <u>Color:</u> Parallel <u>Size:</u> 9" x 9" <u>Thickness:</u> 5mm <u>Wear Layer:</u> 20mil <u>Install:</u> Ashlar Full Spread Glue	See ID Sheets		Comparable Products by Prior Approval VCE as Indicated on Plans Color as Selected by A/E	10 21 13.19 TOILET COMPARTMENTS				
LVT-2	<u>Manufacturer:</u> Mohawk <u>Collection:</u> Hot and Heavy <u>Pattern:</u> Lineate <u>Color:</u> Marker <u>Size:</u> 9" x 9" <u>Thickness:</u> 5mm <u>Wear Layer:</u> 20mil <u>Install:</u> Ashlar Full Spread Glue	See ID Sheets		Comparable Products by Prior Approval VCE as Indicated on Plans Color as Selected by A/E	TP-1 (Toilet Partitions)	<u>Manufacturer:</u> Scranton <u>Product:</u> Plastic Toilet Partition <u>Color:</u> Concrete <u>Finish:</u> Orange Peel	Womens 1R5 and Mens 1R6 Alternate Bid for 1R3 and 1R4		Comparable Products by Prior Approval
LVT-3	<u>Manufacturer:</u> Mohawk <u>Collection:</u> Hot and heavy <u>Pattern:</u> Lineate <u>Color:</u> Ridged 588 <u>Size:</u> 9" x 9" <u>Thickness:</u> 5mm <u>Wear Layer:</u> 20mil <u>Install:</u> Ashlar Full Spread Glue	See ID Sheets		Comparable Products by Prior Approval VCE as Indicated on Plans Color as Selected by A/E	10.21.23 CUBICAL TRACK AND CURTAIN				
RST-1 (Resilient Stair)	<u>Manufacturer:</u> Nora <u>Product:</u> Satura <u>Color:</u> Grus 5102 <u>Install:</u> Integral Riser and Tread <u>Landings:</u> Roll Good Heat Welded	Riser and Treads to Receive Integral System Landings to Receive Rolled Sheet w/ Heat Welded Seams 1SS1, 1SE1, 2SE1, 2SS1		Comparable Products by Prior Approval	CC-1 (Cubical Curtain)	<u>Manufacturer:</u> Inpro <u>Product:</u> Shield Fabric Cubical Curtain <u>Style:</u> Figura <u>Color:</u> Wink <u>Fabric Width:</u> 54" <u>Fabric Repeat:</u> 9"H x 8.7"V	EMS Training 105		Comparable Products by Prior Approval
VWB-1 (Vinyl Wall Base)	<u>Manufacturer:</u> Johnsonite <u>Size:</u> 4" <u>Color:</u> Toast 283 <u>Profile:</u> Cove	Field Wall Base		Comparable Products by Prior Approval	10 26 01 WALL AND DOOR PROTECTION				
06 41 00 ARCHITECTURAL WOOD CASEWORK					WP-1 (Wall Protection)	<u>Manufacturer:</u> Inpro <u>Product:</u> Palladium Rigid Vinyl Sheet <u>Size:</u> 3'x8' <u>Thickness:</u> .040 <u>Color:</u> Monsoon	Vinyl Trim, Inside Corners, and Dividers to be Provided. See ID Sheets for General Wall Protection Location Shop Drawings must be Provided		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					CG-1 (Corner Guard)	<u>Manufacturer:</u> Inpro <u>Product:</u> 160 Surface Mount <u>Color:</u> Monsoon <u>Wing:</u> 2" <u>Height:</u> 8'-0"	Install Above Vinyl Wall Base		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					CG-2	<u>Manufacturer:</u> Inpro <u>Product:</u> 160 Surface Mount <u>Color:</u> Chino <u>Wing:</u> 2" <u>Height:</u> 8'-0"	Install Above Vinyl Wall Base		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					CG-3	<u>Manufacturer:</u> Inpro <u>Product:</u> 130 Surface Mount 135 Degree Corner <u>Color:</u> Monsoon <u>Width:</u> 3" <u>Height:</u> 8'-0"	Corridor 2H2 Install Above Vinyl Wall Base		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					CG-4	<u>Manufacturer:</u> Inpro <u>Product:</u> 160 Surface Mount <u>Color:</u> Brittany Blue 0135 <u>Wing:</u> 2" <u>Height:</u> 8'-0"	Install Above Vinyl Wall Base Classroom 115 and 119		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					EW-1 (End Wall)	<u>Manufacturer:</u> Inpro <u>Product:</u> 160D Surface Mount End Wall <u>Color:</u> Monsoon <u>Wing:</u> 2" <u>Height:</u> 8'-0"	Install Above Vinyl Wall Base		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					EW-2	<u>Manufacturer:</u> Inpro <u>Product:</u> 160D Surface Mount End Wall <u>Color:</u> Monsoon <u>Wing:</u> 2" <u>Height:</u> 4'-0"	Student Lounge 116 Install Above Vinyl Wall Base		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					EW-3	<u>Manufacturer:</u> Inpro <u>Product:</u> 160D Surface Mount End Wall <u>Color:</u> Chino <u>Wing:</u> 2" <u>Height:</u> 8'-0"	Install Above Vinyl Wall Base Vestibule 1H9		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					CHR-1 (Chair Rail)	<u>Manufacturer:</u> Inpro <u>Product:</u> 2600 Chair Rail <u>Color:</u> Beechnut 0539 <u>Length:</u> 12'-0" Standard <u>Height:</u> 0'-3"	Center of Chair Rail to be Installed 3'-0" A.F.F. End Caps and Inside Corners Needed See ID Sheets for General Location Shop Drawings must be Provided		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					12 21 16 WINDOW SHADE SYSTEMS				
06 61 00 CAST POLYMER					WS-1 (Window Shades)	<u>Manufacturer:</u> SWF Contract <u>Product:</u> Manual Roller Shade <u>Style:</u> Double Take T300 <u>Color:</u> Bone/Grey <u>Openness:</u> 3 Percent <u>Fascia:</u> To Be Selected by A/E	104C, 104B, 104A, 116, 200 See ID Sheets		Comparable Products by Prior Approval
06 61 00 CAST POLYMER					WS-2	<u>Manufacturer:</u> SWF Contract <u>Product:</u> Manual Roller Shade <u>Style:</u> Enterprise <u>Color:</u> Tan <u>Openness:</u> Blackout Shade <u>Fascia:</u> To Be Selected by A/E	Classrooms See ID Sheets		Comparable Products by Prior Approval



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Consultant:

Project Title: WESTERN TECHNICAL COLLEGE SPARTA PUBLIC SAFETY EXPANSION
Project Location: 11177 COUNTY ROAD A SPARTA, WI 54656
Sheet Title: MASTER COLOR SCHEDULE

HSR Project Number: 20028

Project Date: FEBRUARY 2021

Drawn By: K.WILL

Key Plan:

No.	Description	Date
A01	ADDENDUM 1	2-15-21
A02	ADDENDUM 2	2-24-21

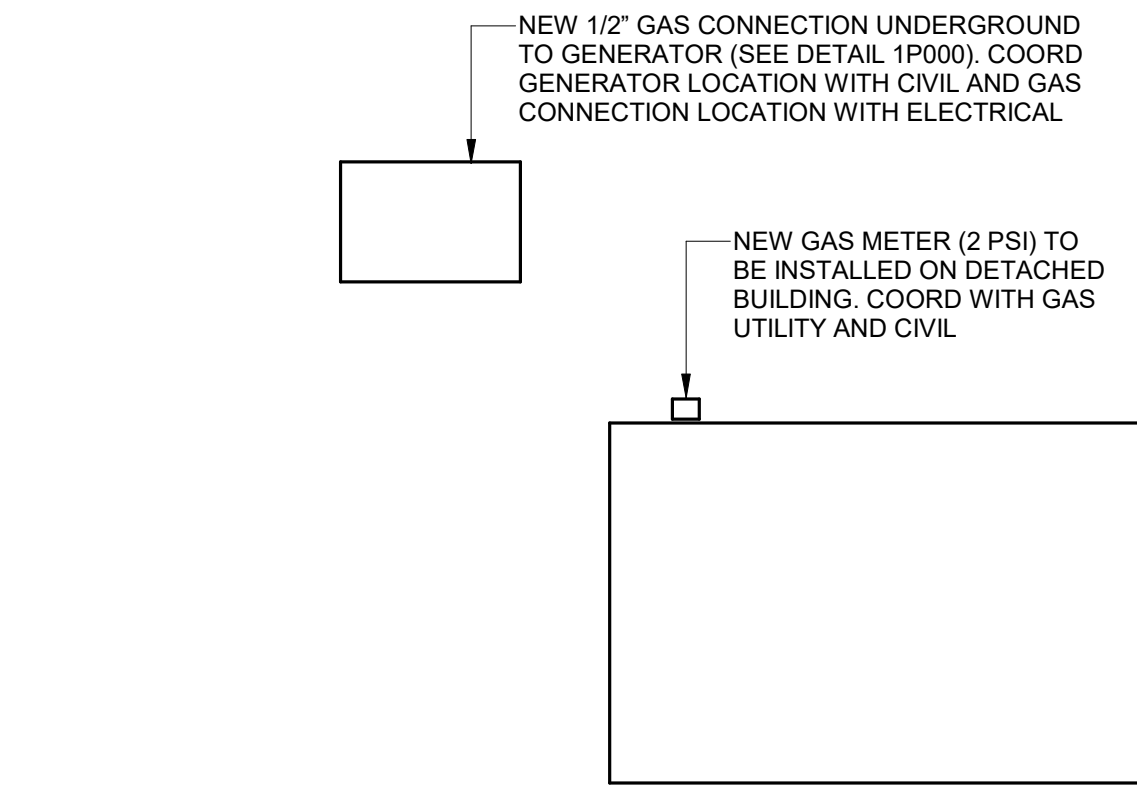
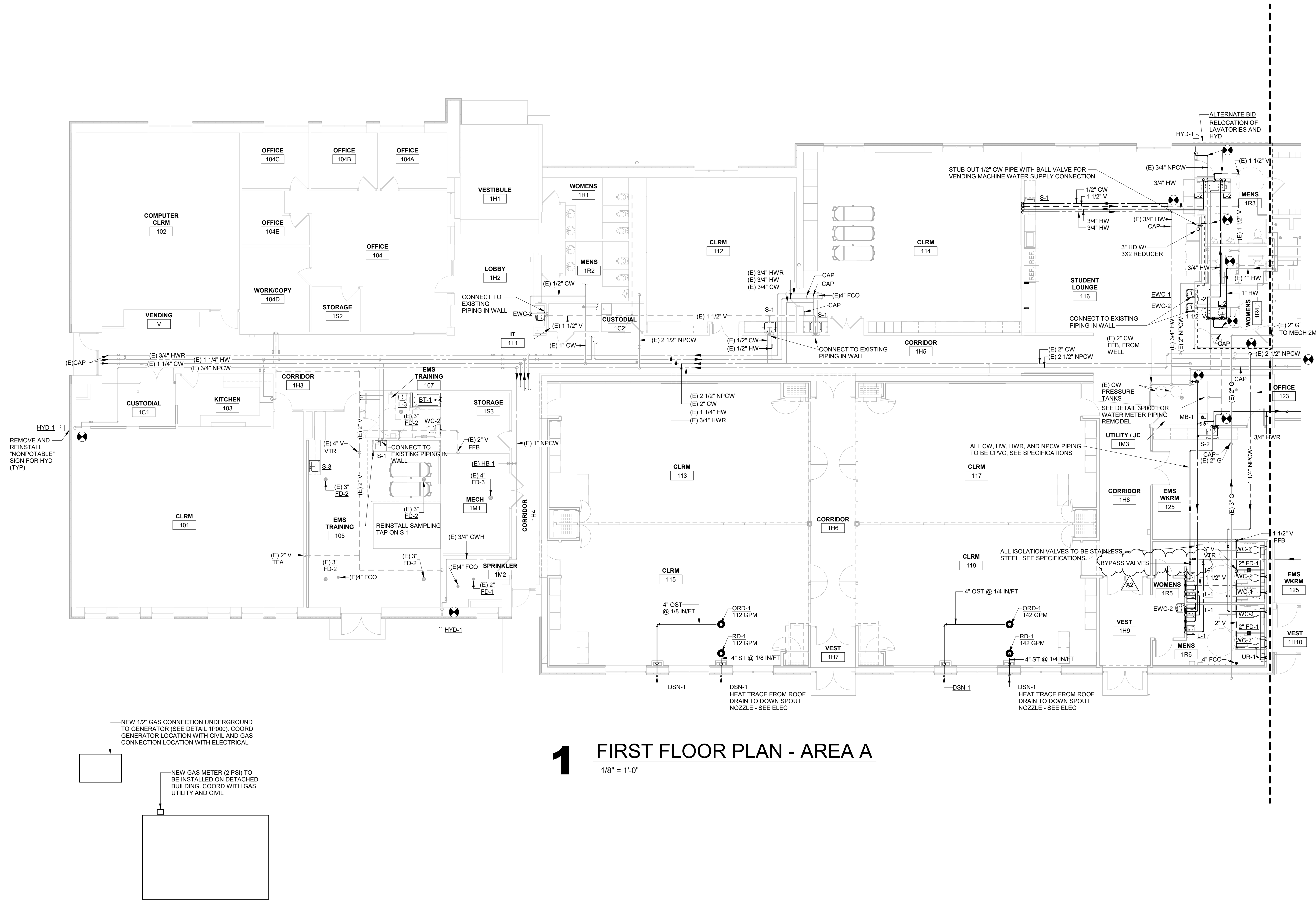
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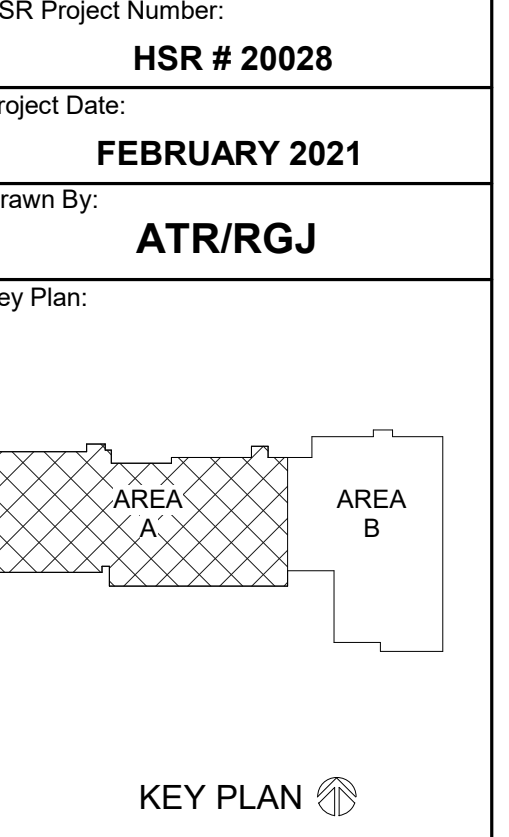
Consultant:



1 FIRST FLOOR PLAN - AREA A
1/8" = 1'-0"

WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
Project Location: 11177 COUNTY ROAD A
SPARTA, WI 54656
Sheet Title: FIRST FLOOR PLAN - AREA A

Project Title: WESTERN TECHNICAL COLLEGE SPARTA PUBLIC SAFETY EXPANSION
HSR Project Number: HSR # 20028
Project Date: FEBRUARY 2021
Drawn By: ATR/RGJ
Key Plan:



Revisions:

No.	Description	Date
A2	Addendum #2	2/24/2020

Graphic Scale:
0' 2' 4' 8' 12'

Last Update:
2/24/2021 11:15:05 AM



Consultant:

WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION

Project Location: 11177 COUNTY ROAD A
SPARTA, WI 54656

Sheet Title: WATER RISER DIAGRAM

Project Number: HSR # 20028

Project Date: FEBRUARY 2021

Drawn By: ATR/RGJ

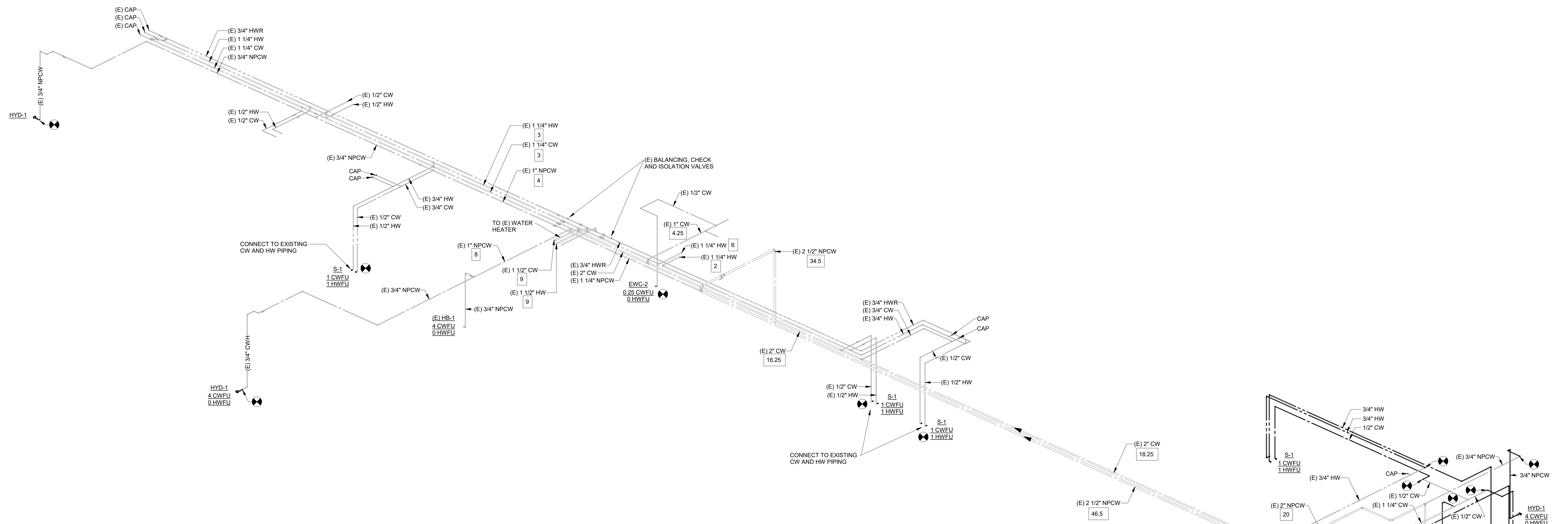
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No.	Description	Date
A2	Addendum #2	2/24/2020

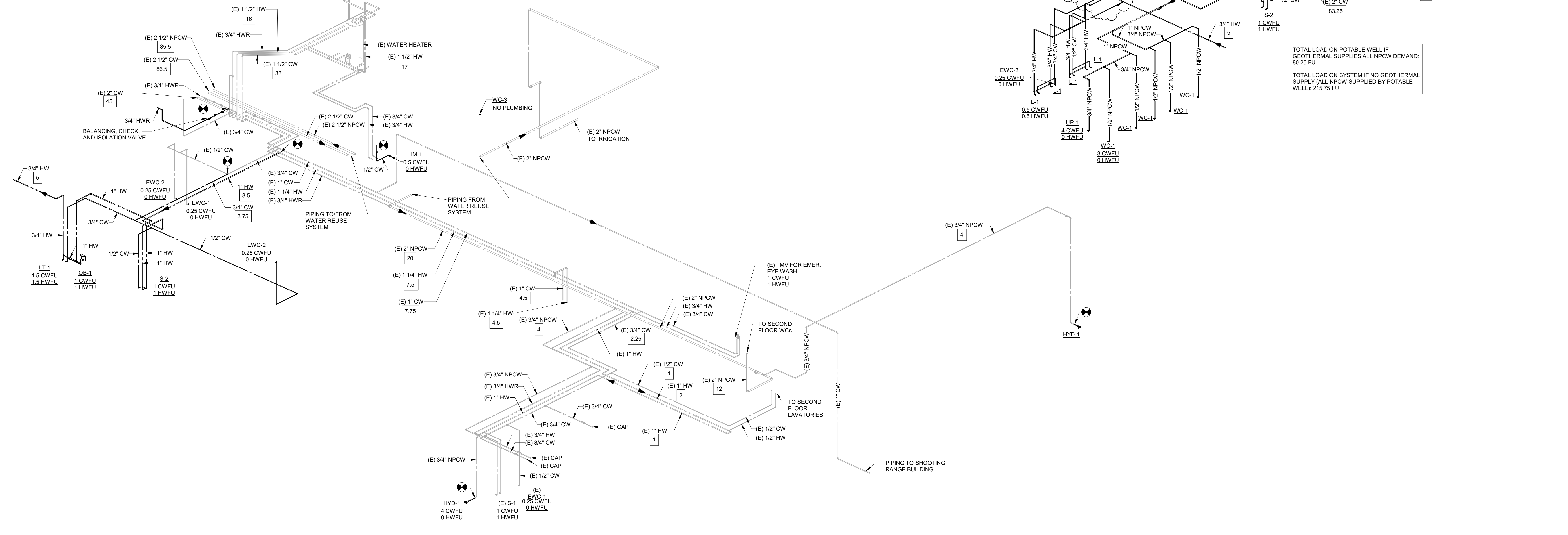
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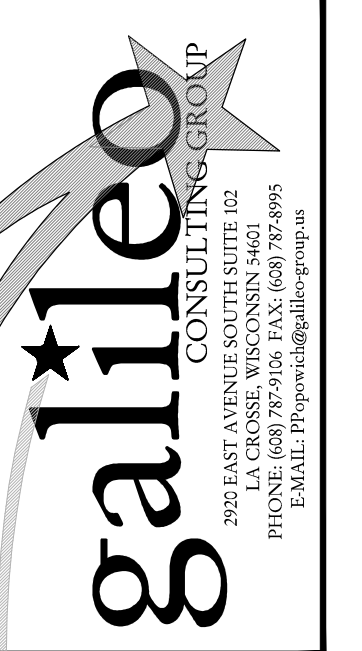
1 WATER RISER DIAGRAM - AREA A



2 WATER RISER DIAGRAM - AREA B



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Project Title: WESTERN TECHNICAL COLLEGE SPARTA PUBLIC SAFETY EXPANSION
Project Location: 11177 COUNTY ROAD A SPARTA, WI 54656
Sheet Title: FIRST FLOOR LIGHTING PLAN - AREA A

Project Number: HSR # 20228
Project Date: FEBRUARY 2021
Drawn By: HSR
Key Plan:

Key Plan showing Area A and Area B.

Key Plan showing Area A and Area B.

No.	Description	Date
Δ	ADDENDUM # 2	2-24-21

Graphic Scale: VARIES
Last Update: 02/24/21

E101

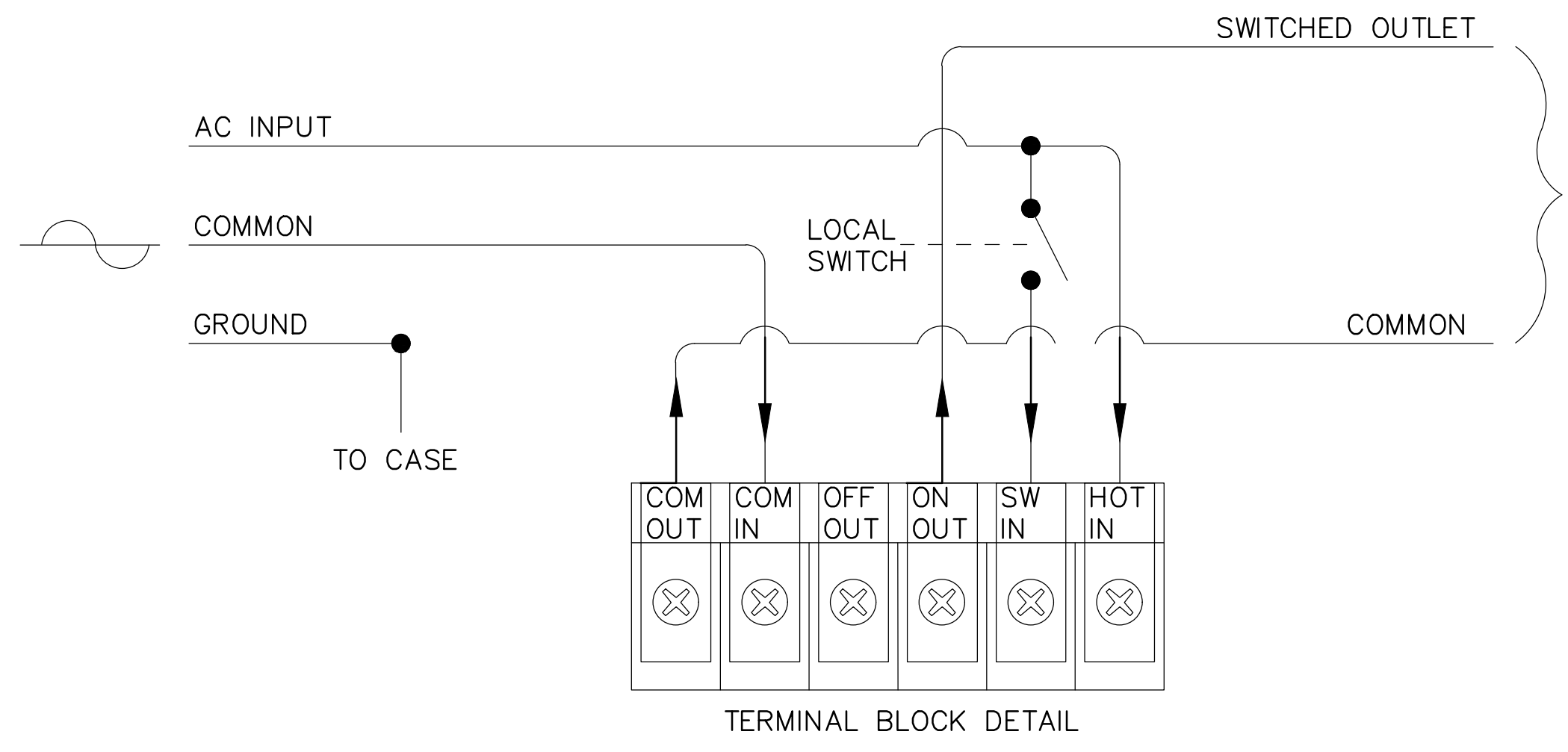


1 FIRST FLOOR LIGHTING PLAN - AREA A
SCALE: 1/8" = 1'-0"
20-07-E-LP01

GENERAL NOTES FOR LIGHTING:
A. ALL DIMMING SWITCHES SHALL BE BY ACQUITY SYSTEMS MANUFACTURE.
B. LIGHTING CONTROL SYSTEM BASED UPON ACQUITY CONTROLS. n-LIGHT MANUFACTURER. WATSTOPPER ONLY SHALL BE AN APPROVED EQUAL FOR THIS PROJECT. REFER TO SHEETS E601- E607 FOR LIGHTING CONTROL DETAILS. ONLY TWO LIGHTING CONTROL MANUFACTURERS ARE APPROVED FOR THIS PROJECT.

- KEYED LIGHTING PLAN NOTES:
- THIS LIGHT FIXTURE SHALL SERVE AS A SECURITY NIGHT LIGHT. CONNECT TO AN ACQUITY n-LIGHT CONTROL ZONE RELAY.
 - PROVIDE AN EMERGI-LITE, MODEL #EMILC32.5 OR EQUAL LOW CAPACITY MINI INVERTER WITH 32 WATT CAPACITY. REFER TO DETAIL 2/E101.
 - REINSTALL A PREVIOUSLY REMOVED LED EXTERIOR WALL SCONCE. PLEASE NOTE EXTERIOR WALL WAS FURRED OUT APPROXIMATELY 4". PROVIDE AN EXTERIOR BOX EXTENSION RINGS, ETC. AS REQUIRED. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 - NEW LED LIGHTING FIXTURE TO REPLACE PREVIOUSLY REMOVED FLUORESCENT LIGHTING FIXTURE SHALL BE INSTALLED IN SAME LOCATION ON EXTERIOR DOOR FRAME. REFER TO PHOTO #4/E401. LIGHTING FIXTURE SHALL BE DARK BRONZE COLOR. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 - REUSE EXISTING WALL-MOUNTED OCCUPANCY SENSOR.
 - PROVIDE REWIRED SINGLE RELAY WALL-MOUNTED LINE VOLTAGE OCCUPANCY SENSOR AS RECOMMENDED BY ACQUITY n-LIGHT MANUFACTURER.
 - REUSE EXISTING SINGLE-POLE LIGHT SWITCH. DO NOT PROVIDE AN OCCUPANCY SENSOR IN THIS ROOM.
 - EXTEND EXISTING SWITCH-LEG WIRING TO ENERGIZE NEW LIGHTING FIXTURES.
 - PROVIDE A DUAL TECHNOLOGY CEILING-MOUNTED OCCUPANCY SENSOR AS RECOMMENDED BY ACQUITY CONTROLS, n-LIGHT MANUFACTURER FOR AUTOMATIC CONTROL OF LIGHTING FIXTURES IN THIS ROOM.
 - PROVIDE A 20 AMP, SINGLE-POLE LIGHT SWITCH IN THIS ROOM. NEC DOES NOT ALLOW OCCUPANCY SENSORS IN AREAS WHERE PANELBOARDS ARE INSTALLED.
 - REUSE EXISTING CEILING-MOUNTED OCCUPANCY SENSOR IN THIS ROOM.
 - PROVIDE A WALL-MOUNTED COMBINATION OCCUPANCY/DIMMER. THIS SWITCH SHALL SERVE AS AN OCCUPANCY SENSOR AND 0-10V DIMMER FOR LED LIGHTING FIXTURES.
 - CONNECT HOME-RUN SWITCH LEG TO AN ACQUITY n-LIGHT CONTROL ZONE RELAY LOCATED IN MECHANICAL ROOM #1M1 TO CONTROL INTERIOR CORRIDOR LIGHTING FIXTURES. EXTEND EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO CONTROL ZONE RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATE CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACQUITY n-LIGHT CONTROL SYSTEM.
 - LOCATION OF EXISTING LIGHTING CONTACTOR USED TO CONTROL EXTERIOR LIGHTING FIXTURES. ADDITIONAL SPARE CONTACTS AVAILABLE.
 - PROVIDE AN ACQUITY CONTROLS, n-LIGHT CONTROL ZONE POWER PACK AS RECOMMENDED BY MANUFACTURER TO CONTROL CORRIDOR NORMAL LIGHTING FIXTURES AND NIGHT LIGHTING FIXTURES.
 - PROVIDE AN ACQUITY CONTROLS, n-LIGHT DUAL TECHNOLOGY CEILING-MOUNTED OCCUPANCY SENSOR COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE AN ACQUITY CONTROLS, n-LIGHT DAY LIGHT SENSOR COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE AN ACQUITY CONTROLS, n-LIGHT THREE BUTTON LOW VOLTAGE DIGITAL DIMMING SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE AN ACQUITY CONTROLS, n-LIGHT ONE BUTTON LOW VOLTAGE DIGITAL DIMMING SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE A NEW LED LIGHTING FIXTURE TO REPLACE EXISTING FLUORESCENT LIGHTING FIXTURE. REFER TO PHOTO #13/E401.
 - PROVIDE A NEW LED STRIP LIGHTING FIXTURE TO REPLACE EXISTING FLUORESCENT LIGHTING FIXTURES LOCATED ON TOP OF LIGHTING SOFFIT. REFER TO PHOTO #13/E401.
 - PROVIDE A NEW LED WALL SCONCE LIGHTING FIXTURE AS AN ADJACENT BAY. REFER TO BID FORMS.
 - TYPE 'D' VAPOR TIGHT LIGHTING FIXTURE SHALL BE INSTALLED TO REPLACE EXISTING KEYLESS TYPE LAMP HOLDER WITH COMPACT FLUORESCENT LAMPS. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE.
 - CONNECT HOME-RUN SWITCH LEG TO AN ACQUITY n-LIGHT CONTROL ZONE RELAY LOCATED IN ELECTRICAL ROOM #1M4. EXTEND EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO ZONE CONTROL RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATE CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACQUITY n-LIGHT CONTROL SYSTEM.
 - PROVIDE AN ACQUITY CONTROLS, n-LIGHT ONE BUTTON LOW VOLTAGE DIGITAL ON/OFF SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - TYPE 'NB' LED LIGHTING FIXTURE SHALL BE INSTALLED TO REPLACE EXISTING 6-LAMP HIGH-BAY FLUORESCENT LIGHTING FIXTURE. REUSE EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING TO THE EXTENT POSSIBLE. REMOVE EXISTING LIGHTING CONTACTOR LOCATED ON MEZZANINE MECHANICAL ROOM #2M2.
 - PROVIDE A NEW LED HIGH-BAY TYPE 'NB' LIGHTING FIXTURE. PROVIDE A CORN AND TWIST LOCK RECEPTACLE TO MATCH ADJACENT LIGHTING FIXTURES.
 - LOCATION OF PREVIOUSLY REMOVED EXTERIOR WALL PACK LIGHTING FIXTURE. EXTEND EXISTING SWITCH-LEG WIRING TO NEW TYPE 'OB' AND 'OC' EXTERIOR WALL PACKS.
 - LIGHTING FIXTURE INCLUDES AN EMERGENCY GRESS LIGHTING BATTERY BACK UP.
 - PROVIDE A SINGLE POLE LIGHT SWITCH AND CONNECT TO EXISTING LIGHTING CONTACTOR LOCATED ON MEZZANINE MECHANICAL ROOM #2M2 TO CONTROL TYPE 'NB' LIGHTING FIXTURES IN THIS AREA.
 - NEW LED LIGHTING FIXTURE STRIP LIGHTS SHALL BE INSTALLED AT TOP OF FIRE TRAINING LADDER. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE.
 - REUSE EXISTING SINGLE-POLE LIGHT SWITCH TO CONTROL LIGHTING FIXTURES AT TOP OF FIRE TRAINING LADDER.
 - LOCATION OF EXISTING EXTERIOR ILLUMINATED 'EMERGENCY MEDICAL', 'FIRE DEPARTMENT' AND 'POLICE DEPARTMENT' SIGNS PREVIOUSLY DISCONNECTED FOR REMOVAL AND RELOCATION BY OTHERS. REFER TO PHOTO #14/E401. EXTEND EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING TO RELOCATED LOCATION AS REQUIRED.
 - RECONNECT EXISTING RELOCATED EXTERIOR ILLUMINATED 'EMERGENCY MEDICAL', 'FIRE DEPARTMENT' AND 'POLICE DEPARTMENT' SIGN AS REQUIRED.
 - PROVIDE A NEW LED RECESSED DOWN LIGHT FIXTURE TO REPLACE EXISTING COMPACT FLUORESCENT RECESSED DOWN LIGHT FIXTURE PREVIOUSLY REMOVED.
 - PROVIDE AN ACQUITY CONTROLS, n-LIGHT TWO BUTTON LOW VOLTAGE DIGITAL ON/OFF SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING IN THIS AREA TO ENERGIZE NEW LED STRIP LIGHTING FIXTURES.
 - NEW LED STRIP LIGHTING FIXTURE SHALL REPLACE A PREVIOUSLY REMOVED FLUORESCENT LIGHTING FIXTURE. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE.
 - CONNECT HOME-RUN SWITCH LEG TO AN ACQUITY n-LIGHT CONTROL ZONE RELAY LOCATED IN ELECTRICAL ROOM #2M4 TO CONTROL CORRIDOR LIGHTING FIXTURES. EXTEND EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO ZONE CONTROL RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATE CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACQUITY n-LIGHT SYSTEM.
 - NEW LED LAY-IN LIGHTING FIXTURE TO REPLACE A PREVIOUSLY REMOVED FLUORESCENT. REUSE EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING, JUNCTION BOXES, FIXTURE WHIPS, ETC. TO THE EXTENT POSSIBLE.
 - LIGHTING FIXTURE SHALL INCLUDE AN OCCUPANCY SENSOR INSTALLED INTEGRAL WITH THE FIXTURE.
 - PROVIDE A WALL-MOUNTED COMBINATION OCCUPANCY/DIMMER. THIS SWITCH SHALL SERVE AS AN OCCUPANCY SENSOR AND 0-10V DIMMER FOR LED LIGHTING FIXTURES. COORDINATE LOCATION WITH OFFICE FURNITURE.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARD 'N' LOCATED IN CUSTODIAL 1C2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARD 'M' LOCATED IN MECHANICAL ROOM 3M1 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 - PROVIDE A NEW EMERGENCY LIGHTING UNIT (ELU) TO REPLACE EXISTING. REUSE EXISTING BRANCH-CIRCUIT WIRING.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARDS 'A', 'C', AND 'C1' LOCATED IN MECHANICAL ROOM 2M2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARDS 'P' AND 'Q' LOCATED IN ELECTRICAL ROOM 1M4 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 - NEW LED WALL-PACK LIGHTING FIXTURE TO REPLACE PREVIOUSLY REMOVED WALL-PACK FIXTURE. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 - PROVIDE A NEW LED WALL-PACK LIGHTING FIXTURE TO REPLACE PREVIOUSLY REMOVED WALL-PACK FIXTURE. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 - ELECTRICAL CONTRACTOR SHALL INSTALL AN EXISTING REUSED HOSPITAL BED TYPE LIGHTING FIXTURE PROVIDED BY HFC (OWNER) AND MAKE 120VAC CONNECTION. REFER TO PHOTO #1/E101.

SWITCHED LOADS



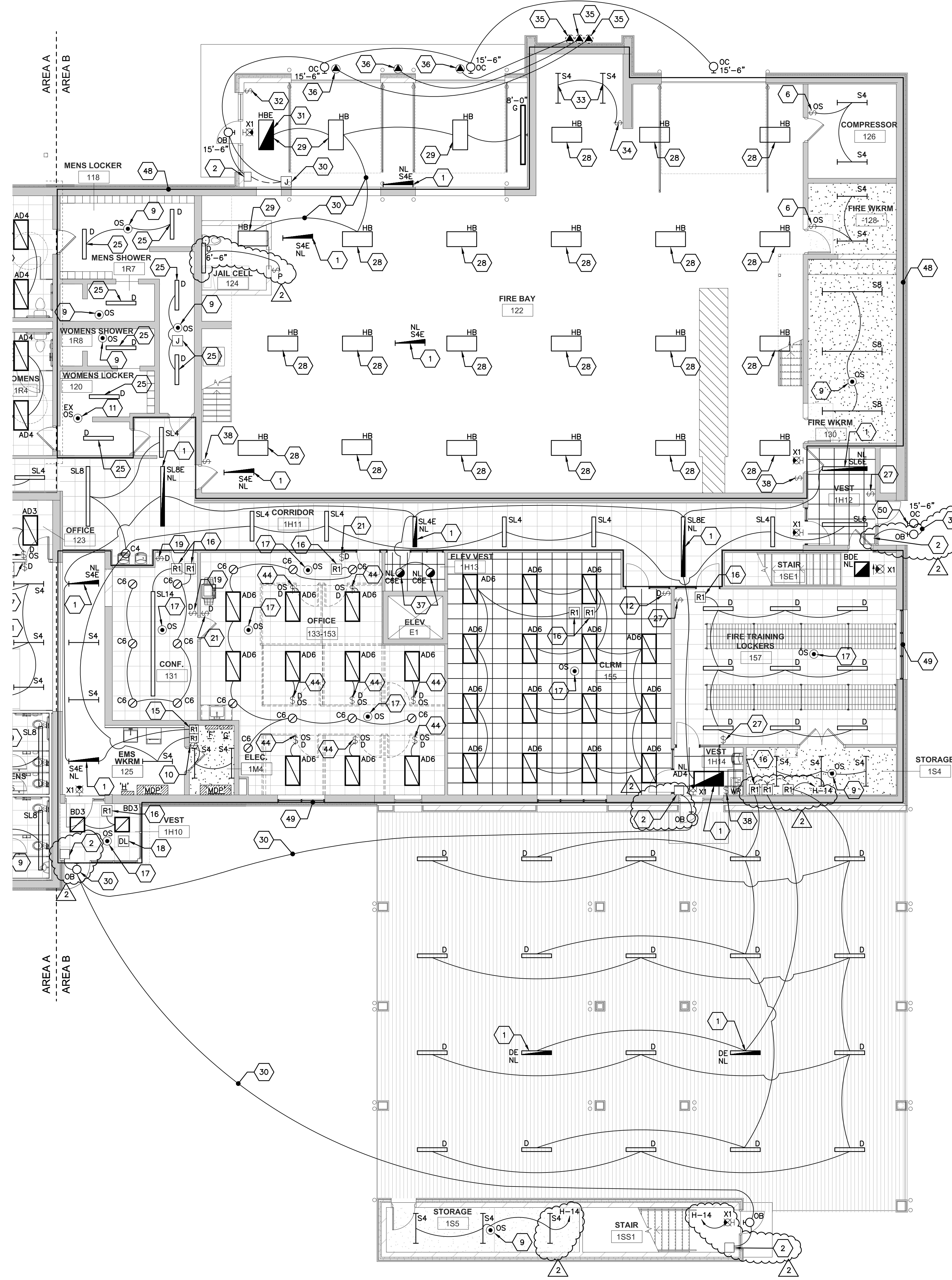
2 MINI INVERTER DETAIL
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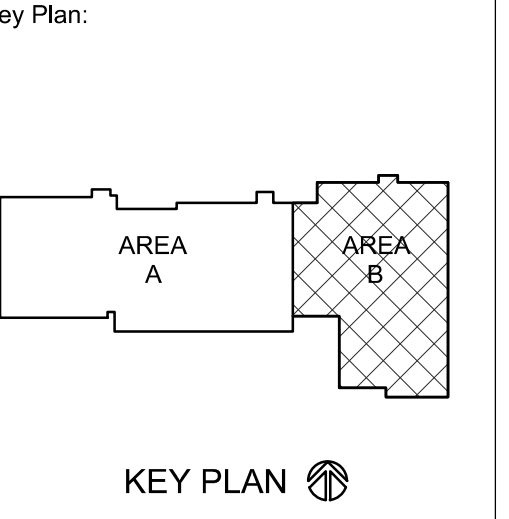
- GENERAL NOTES FOR LIGHTING:**
1. LIGHTING CONTROL SYSTEM BASED UPON ACUTY CONTROLS, n-LIGHT MANUFACTURER. WATTSTOPPER ONLY SHALL BE AN APPROVED EQUAL FOR THIS PROJECT. REFER TO SHEETS E601 - E607 FOR LIGHTING CONTROL DETAILS. ONLY TWO LIGHTING CONTROL MANUFACTURERS ARE APPROVED FOR THIS PROJECT.
 2. THIS LIGHT FIXTURE SHALL SERVE AS A SECURITY NIGHT LIGHT. CONNECT TO AN ACUTY, n-LIGHT CONTROL ZONE RELAY.
 3. PROVIDE AN ENERGY-EFFICIENT LED EXTERIOR WALL SCENE. PLEASE NOTE EXTERIOR WALL WAS FURRED OUT APPROXIMATELY 4". PROVIDE JUNCTION BOX EXTENSION RINGS, ETC. AS REQUIRED. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 4. REUSE EXISTING SINGLE-POLE SWITCH. DO NOT PROVIDE AN OCCUPANCY SENSOR IN THIS ROOM.
 5. EXTEND EXISTING SWITCH-LEG WIRING TO ENERGIZE NEW LIGHTING FIXTURES.
 6. PROVIDE A DUAL TECHNOLOGY CEILING-MOUNTED OCCUPANCY SENSOR AS RECOMMENDED BY ACUTY CONTROLS, n-LIGHT MANUFACTURER FOR AUTOMATIC CONTROL OF LIGHTING FIXTURES IN THIS ROOM.
 7. PROVIDE A 20 AMP, SINGLE-POLE LIGHT SWITCH IN THIS ROOM. NEC DOES NOT ALLOW OCCUPANCY SENSORS IN AREAS WHERE PANELBOARDS ARE INSTALLED.
 8. REUSE EXISTING CEILING-MOUNTED OCCUPANCY SENSOR IN THIS ROOM.
 9. PROVIDE A WALL-MOUNTED COMBINATION OCCUPANCY/DIMMER. THIS SWITCH SHALL SERVE AS AN OCCUPANCY SENSOR AND 0-10V DIMMER FOR LED LIGHTING FIXTURES.
 10. CONNECT HOME-RUN SWITCH LEG TO AN ACUTY, n-LIGHT CONTROL ZONE RELAY LOCATED IN MECHANICAL ROOM #2M2 TO CONTROL INTERIOR CORRIDOR LIGHTING FIXTURES. EXTEND EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO CONTROL ZONE RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATIC CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACUTY, n-LIGHT CONTROL SYSTEM.
 11. LOCATION OF EXISTING LIGHTING CONTACTOR USED TO CONTROL EXTERIOR LIGHTING FIXTURES. ADDITIONAL SPARE CONTACTS AVAILABLE.
 12. PROVIDE AN ACUTY CONTROLS, n-LIGHT CONTROL ZONE POWER PACK AS RECOMMENDED BY MANUFACTURER TO CONTROL CORRIDOR NORMAL LIGHTING FIXTURES AND NIGHT LIGHTING FIXTURES.
 13. PROVIDE AN ACUTY CONTROLS, n-LIGHT CONTROL ZONE POWER PACK AS RECOMMENDED BY MANUFACTURER. REFER TO LIGHTING CONTROL DRAWINGS E601 - E606, TYPICAL.
 14. PROVIDE AN ACUTY CONTROLS, n-LIGHT DUAL TECHNOLOGY CEILING-MOUNTED OCCUPANCY SENSOR COMPATIBLE WITH CONTROL ZONE POWER PACK.
 15. PROVIDE AN ACUTY CONTROLS, n-LIGHT DAY LIGHT SENSOR COMPATIBLE WITH CONTROL ZONE POWER PACK.
 16. PROVIDE AN ACUTY CONTROLS, n-LIGHT TWO BUTTON LOW VOLTAGE DIGITAL DIMMING SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 17. PROVIDE AN ACUTY CONTROLS, n-LIGHT ONE BUTTON LOW VOLTAGE DIGITAL DIMMING SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 18. PROVIDE A NEW LED LIGHTING FIXTURE TO REPLACE EXISTING FLUORESCENT LIGHTING FIXTURE. REFER TO PHOTO #13/E401.
 19. PROVIDE A NEW 4'-0" LED STRIP LIGHTING FIXTURE TO REPLACE EXISTING FLUORESCENT LIGHTING FIXTURES LOCATED ON TOP OF LIGHTING SOFFIT. REFER TO PHOTO #13/E401.
 20. PROVIDE A "WS2" WALL SCENE LIGHTING FIXTURE AS AN ADD ALTERNATE BID, REFER TO BID FORMS.
 21. TYPE "D" VAPOR TIGHT LIGHTING FIXTURE SHALL BE INSTALLED TO REPLACE EXISTING KEYLESS TYPE LAMP HOLDER WITH COMPACT FLUORESCENT LAMPS. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE.
 22. CONNECT HOME-RUN SWITCH LEG TO AN ACUTY, n-LIGHT CONTROL ZONE RELAY LOCATED IN ELECTRICAL ROOM #2M4. EXTEND EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO CONTROL ZONE RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATIC CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACUTY, n-LIGHT CONTROL SYSTEM.
 23. PROVIDE AN ACUTY CONTROLS, n-LIGHT ONE BUTTON LOW VOLTAGE DIGITAL ON/OFF SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 24. TYPE "H" LED LIGHTING FIXTURE SHALL BE INSTALLED TO REPLACE EXISTING 6-LAMP HIGH-BAY FLUORESCENT LIGHTING FIXTURE. REUSE EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING TO THE EXTENT POSSIBLE. REMOVE EXISTING FIXTURE CORD WITH TWIST-LOCK PLUGS FROM EXISTING FLUORESCENT LIGHTING FIXTURE PREVIOUSLY REMOVED AND REINSTALL ON NEW LED LIGHTING FIXTURE. REFER TO PHOTO #13/E401. LIGHT FIXTURE IS CONTROLLED BY EXISTING LIGHTING CONTACTOR LOCATED ON MEZZANINE MECHANICAL ROOM #2M2.
 25. PROVIDE A NEW LED HIGH BAY TYPE "H" LIGHTING FIXTURE. PROVIDE A CORD AND TWIST LOCK RECEPTACLE TO MATCH ADJACENT LIGHTING FIXTURES.
 26. LOCATION OF PREVIOUSLY REMOVED EXTERIOR WALL PACK LIGHTING FIXTURE, EXTEND EXISTING SWITCH-LEG WIRING TO NEW TYPE "OB" AND "OC" EXTERIOR WALL PACKS.
 27. LIGHTING FIXTURE INCLUDES AN EMERGENCY EGRESS LIGHTING BATTERY BACK UP.
 28. PROVIDE A SINGLE POLE LIGHT SWITCH AND CONNECT TO EXISTING LIGHTING CONTACTOR LOCATED ON MEZZANINE MECHANICAL ROOM #2M2 TO CONTROL TYPE "H" LIGHTING FIXTURES IN THIS AREA.
 29. NEW LED LIGHTING FIXTURE STRIP LIGHTS SHALL BE INSTALLED AT TOP OF FIRE TRAINING LADDER. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE.
 30. REUSE EXISTING SINGLE-POLE LIGHT SWITCH TO CONTROL LIGHTING FIXTURES AT TOP OF FIRE TRAINING LADDER.
 31. LOCATION OF EXISTING EXTERIOR ILLUMINATED "EMERGENCY MEDICAL", "FIRE DEPARTMENT" AND "POLICE DEPARTMENT" SIGNS PREVIOUSLY DISCONNECTED FOR REMOVAL AND RELOCATION BY OTHERS. REFER TO PHOTO #9/E401. EXTEND EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING TO RELOCATED LOCATION AS REQUIRED.
 32. RECONNECT EXISTING RELOCATED EXTERIOR ILLUMINATED "EMERGENCY MEDICAL", "FIRE DEPARTMENT" AND "POLICE DEPARTMENT" SIGN AS REQUIRED.
 33. PROVIDE A NEW LED RECESSED EXTERIOR LIGHT FIXTURE TO REPLACE EXISTING COMPACT FLUORESCENT RECESSED DOWN LIGHT FIXTURE PREVIOUSLY REMOVED.
 34. PROVIDE AN ACUTY CONTROLS, n-LIGHT TWO BUTTON LOW VOLTAGE DIGITAL ON/OFF SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 35. REUSE EXISTING BRANCH-CIRCUIT WIRING IN THIS AREA TO ENERGIZE NEW LED STRIP LIGHTING FIXTURES.
 36. NEW LED STRIP LIGHTING FIXTURE SHALL REPLACE A PREVIOUSLY REMOVED FLUORESCENT LIGHTING FIXTURE. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO ZONE CONTROL RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATIC CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACUTY, n-LIGHT SYSTEM.
 37. NEW LED LAY-IN LIGHTING FIXTURE TO REPLACE EXISTING FLUORESCENT. REUSE EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING, FIXTURE WHIPS, ETC. TO THE EXTENT POSSIBLE.
 38. LIGHTING FIXTURE SHALL INCLUDE AN OCCUPANCY SENSOR INSTALLED INTEGRAL WITH THE FIXTURE.
 39. PROVIDE A WALL-MOUNTED COMBINATION OCCUPANCY/DIMMER. THIS SWITCH SHALL SERVE AS AN OCCUPANCY SENSOR AND 0-10V DIMMER FOR LED LIGHTING FIXTURES. COORDINATE LOCATION WITH OFFICE FURNITURE.
 40. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARD "K" LOCATED IN CUSTODIAL 1C2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 41. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARD "M" LOCATED IN MECHANICAL ROOM 1M1 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 42. PROVIDE A NEW EMERGENCY LIGHTING UNIT (ELU) TO REPLACE EXISTING. REUSE EXISTING BRANCH-CIRCUIT WIRING.
 43. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARDS "A", "C", AND "C1" LOCATED IN MECHANICAL ROOM 2M2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 44. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARDS "P" AND "Q" LOCATED IN ELECTRICAL ROOM 1M4 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 45. NEW LED WALL-PACK LIGHTING FIXTURE TO REPLACE PREVIOUSLY REMOVED WALL-PACK FIXTURE. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 46. PROVIDE A LIGHT BAR TO SIMULATE AMBULANCE LIGHTING FOR INSTRUCTIONAL PURPOSES ONLY. COORDINATE WITH WTC PLANT FACILITY DEPARTMENT.
 47. ELECTRICAL CONTRACTOR SHALL INSTALL AN EXISTING REUSED HOSPITAL BED TYPE LIGHTING FIXTURE PROVIDED BY WTC (OWNER) AND MAKE 120VAC CONNECTION. REFER TO PHOTO #1/E101.

1 FIRST FLOOR LIGHTING PLAN - AREA B
E102 SCALE: 1/8" = 1'-0" 20-07-E-LP01

Project Title: WESTERN TECHNICAL COLLEGE SPARTA PUBLIC SAFETY EXPANSION
Project Location: 11177 COUNTY ROAD A SPARTA, WI 54656
Sheet Title: FIRST FLOOR LIGHTING PLAN - AREA B

Project Number: HSR # 20028
Project Date: FEBRUARY 2021
Drawn By: HSR

Key Plan:
AREA A AREA B
KEY PLAN



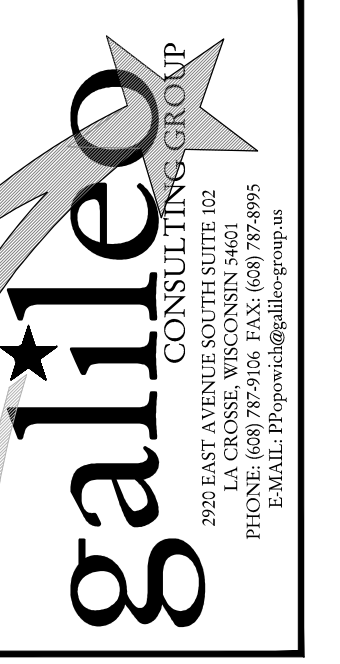
Revisions:

No.	Description	Date
1	ADDENDUM # 2	2-24-21

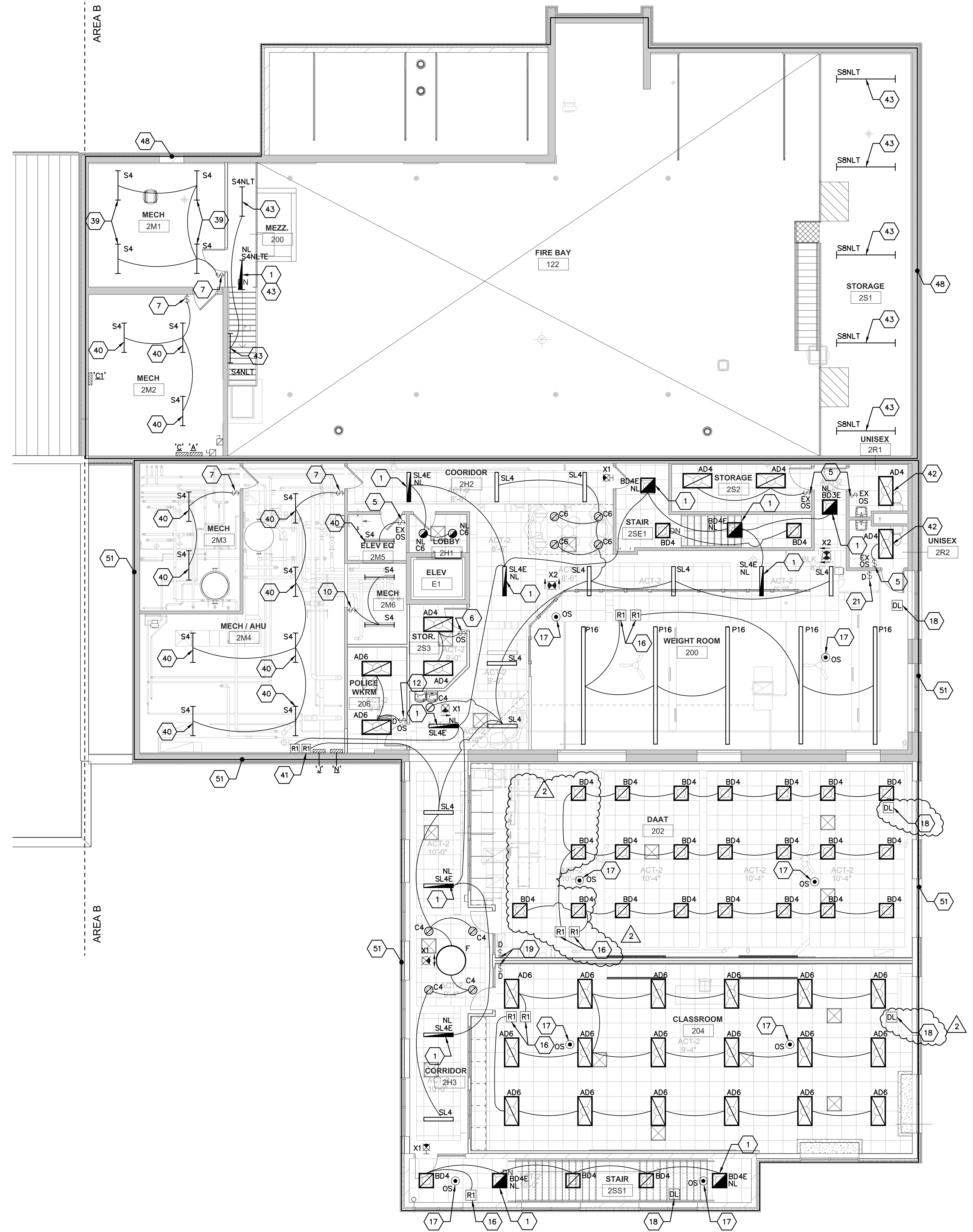
Graphic Scale: VARIES
Last Update: 02/24/21



Consultant:



WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
11177 COUNTY ROAD A
SPARTA, WI 54656
SECOND FLOOR LIGHTING PLAN - AREA B



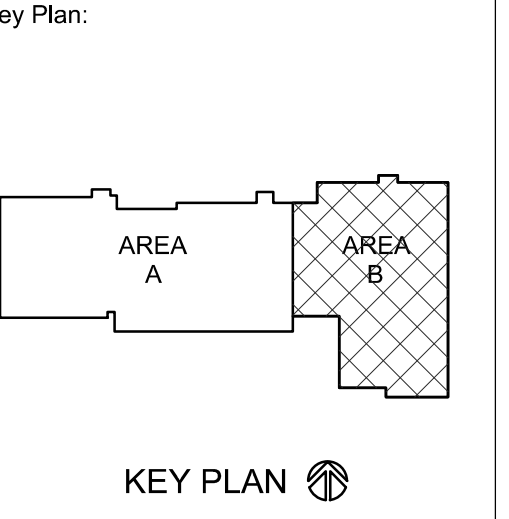
1 SECOND FLOOR LIGHTING PLAN - AREA B
SCALE: 1/8" = 1'-0"
20-07-E-LP02

- GENERAL NOTES FOR LIGHTING:**
- A. FINAL OCCUPANCY SENSOR LOCATION SHALL BE OCCUPANCY SENSOR MANUFACTURER'S CHOICE.
- B. LIGHTING CONTROL SYSTEM BASED UPON ACUTY CONTROLS. LIGHT MANUFACTURER: WATSTOPPER ONLY SHALL BE AN APPROVED EQUAL FOR THIS PROJECT. REFER TO SHEETS E601 - E607 FOR LIGHTING CONTROL DETAILS. ONLY TWO LIGHTING CONTROL MANUFACTURERS ARE APPROVED FOR THIS PROJECT.
- KEYED LIGHTING PLAN NOTES:**
- THIS LIGHT FIXTURE SHALL SERVE AS A SECURITY NIGHT LIGHT. CONNECT TO AN ACUTY, n-LIGHT CONTROL ZONE RELAY.
 - PROVIDE AN EMERGENCY-LITE, MODEL HEMLC32-5 OR EQUAL LOW CAPACITY MINI INVERTER WITH 32 WATT CAPACITY. REFER TO DETAIL 2/E101.
 - REINSTALL A PREVIOUSLY REMOVED LED EXTERIOR WALL SCONCE. PLEASE NOTE EXTERIOR WALL WAS FURRED OUT APPROXIMATELY 4". PROVIDE JUNCTION BOX EXTENSION RINGS, ETC. AS REQUIRED. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 - NEW LED LIGHTING FIXTURE TO REPLACE PREVIOUSLY REMOVED FLUORESCENT LIGHTING FIXTURE SHALL BE INSTALLED IN SAME LOCATION ON EXTERIOR DOOR FRAME. REFER TO PHOTO #14/E401. LIGHTING FIXTURE SHALL BE DARK BRONZE COLOR. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 - REUSE EXISTING WALL-MOUNTED OCCUPANCY SENSOR.
 - PROVIDE INFRARED SINGLE RELAY WALL MOUNTED LINE VOLTAGE OCCUPANCY SENSOR AS RECOMMENDED BY ACUTY n-LIGHT MANUFACTURER.
 - REUSE EXISTING SINGLE-POLE LIGHT SWITCH. DO NOT PROVIDE AN OCCUPANCY SENSOR IN THIS ROOM.
 - EXTEND EXISTING SWITCH-LEG WIRING TO ENERGIZE NEW LIGHTING FIXTURES.
 - PROVIDE A DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR AS RECOMMENDED BY ACUTY CONTROLS, n-LIGHT MANUFACTURER FOR AUTOMATIC CONTROL OF LIGHTING FIXTURES IN THIS ROOM.
 - PROVIDE A 20 AMP, SINGLE-POLE LIGHT SWITCH IN THIS ROOM. NEC DOES NOT ALLOW OCCUPANCY SENSORS IN AREAS WHERE PANELBOARDS ARE INSTALLED.
 - REUSE EXISTING CEILING MOUNTED OCCUPANCY SENSOR IN THIS ROOM.
 - PROVIDE A WALL MOUNTED COMBINATION OCCUPANCY/DIMMER. THIS SWITCH SHALL SERVE AS AN OCCUPANCY SENSOR AND 0-10V DIMMER FOR LED LIGHTING FIXTURES.
 - CONNECT HOME-RUN SWITCH LEG TO AN ACUTY, n-LIGHT CONTROL ZONE RELAY LOCATED IN ELECTRICAL ROOM #3M1 TO CONTROL INTERIOR CORRIDOR LIGHTING FIXTURES. EXTEND EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO CONTROL ZONE RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATE CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACUTY, n-LIGHT CONTROL SYSTEM.
 - LOCATION OF EXISTING LIGHTING CONTACTOR USED TO CONTROL EXTERIOR LIGHTING FIXTURES. ADDITIONAL SPARE CONTACTS AVAILABLE.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT CONTROL ZONE POWER PACK AS RECOMMENDED BY MANUFACTURER TO CONTROL CORRIDOR NORMAL LIGHTING FIXTURES AND NIGHT LIGHT LIGHTING FIXTURES.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT CONTROL ZONE POWER PACK AS RECOMMENDED BY MANUFACTURER. REFER TO LIGHTING CONTROL DRAWINGS E601 - E606, TYPICAL.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT DAY LIGHT SENSOR COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT TWO BUTTON LOW VOLTAGE DIGITAL DIMMING SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT THREE BUTTON LOW VOLTAGE DIGITAL DIMMING SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT ONE BUTTON LOW VOLTAGE DIGITAL DIMMING SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - PROVIDE A NEW LED LIGHTING FIXTURE TO REPLACE EXISTING FLUORESCENT LIGHTING FIXTURE. REFER TO PHOTO #14/E401.
 - PROVIDE NEW 4'-0" LED STRIP LIGHTING FIXTURES TO REPLACE EXISTING FLUORESCENT LIGHTING FIXTURES LOCATED ON TOP OF LIGHTING SOFFIT. REFER TO PHOTO #13/E401.
 - PROVIDE A NEW 2" WALL SCONCE LIGHTING FIXTURE AS AN ADD ALTERNATE BID. REFER TO BID FORMS.
 - TYPE 'D' VAPOR TIGHT LIGHTING FIXTURE SHALL BE INSTALLED TO REPLACE EXISTING KEYLESS TYPE LAMP HOLDER WITH COMPACT FLUORESCENT LAMPS. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE.
 - CONNECT HOME-RUN SWITCH LEG TO AN ACUTY, n-LIGHT ZONE CONTROL RELAY LOCATED IN ELECTRICAL ROOM #3M1. EXTEND EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO ZONE CONTROL RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATE CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACUTY, n-LIGHT CONTROL SYSTEM.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT ONE BUTTON LOW VOLTAGE DIGITAL ON/OFF SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - TYPE 'H' LED LIGHTING FIXTURE SHALL BE INSTALLED TO REPLACE EXISTING 6-LAMP HIGH BAY FLUORESCENT LIGHTING FIXTURE. REUSE EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING TO THE EXTENT POSSIBLE. REMOVE EXISTING FIXTURE CORD WITH TWIST LOCK PLUG FROM EXISTING FLUORESCENT LIGHTING FIXTURE PREVIOUSLY REMOVED AND REINSTALL ON NEW LED LIGHTING FIXTURE. REFER TO PHOTO #14/E401. LIGHT FIXTURE IS CONTROLLED BY EXISTING LIGHTING CONTACTOR LOCATED ON MEZZANINE MECHANICAL ROOM #2M2.
 - PROVIDE A NEW LED HIGH-BAY TYPE 'H' LIGHTING FIXTURE. PROVIDE A CORD AND TWIST LOCK RECEPTACLE TO MATCH ADJACENT LIGHTING FIXTURES.
 - LOCATION OF PREVIOUSLY REMOVED EXTERIOR WALL PACK LIGHTING FIXTURE. EXTEND EXISTING SWITCH-LEG WIRING TO NEW TYPE 'OB' AND 'OC' EXTERIOR WALL PACKS.
 - LIGHTING FIXTURE INCLUDES AN EMERGENCY EXPRESS LIGHTING BATTERY BACK UP.
 - PROVIDE A SINGLE POLE LIGHT SWITCH AND CONNECT TO EXISTING LIGHTING CONTACTOR LOCATED ON MEZZANINE MECHANICAL ROOM #2M2 TO CONTROL TYPE 'H' LIGHTING FIXTURES IN THIS AREA.
 - NEW LED LIGHTING FIXTURE STRIP LIGHTS SHALL BE INSTALLED AT TOP OF FIRE TRAINING LADDER. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE.
 - REUSE EXISTING SINGLE-POLE LIGHT SWITCH TO CONTROL LIGHTING FIXTURES AT TOP OF FIRE TRAINING LADDER.
 - LOCATION OF EXISTING EXTERIOR ILLUMINATED 'EMERGENCY MEDICAL', 'FIRE DEPARTMENT' AND 'POLICE DEPARTMENT' SIGNS PREVIOUSLY DISCONNECTED FOR REMOVAL AND RELOCATION BY OTHERS. REFER TO PHOTO #9/E401. EXTEND EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING TO RELOCATED LOCATION AS REQUIRED.
 - RECONNECT EXISTING RELOCATED EXTERIOR ILLUMINATED 'EMERGENCY MEDICAL', 'FIRE DEPARTMENT' AND 'POLICE DEPARTMENT' SIGN AS REQUIRED.
 - PROVIDE A NEW LED RECESSED DOWN LIGHT FIXTURE TO REPLACE EXISTING COMPACT FLUORESCENT RECESSED DOWN LIGHT FIXTURE PREVIOUSLY REMOVED.
 - PROVIDE AN ACUTY CONTROLS, n-LIGHT TWO BUTTON LOW VOLTAGE DIGITAL ON/OFF SWITCH COMPATIBLE WITH CONTROL ZONE POWER PACK.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING IN THIS AREA TO ENERGIZE NEW LED STRIP LIGHTING FIXTURES.
 - NEW LED STRIP LIGHTING FIXTURE SHALL REPLACE A PREVIOUSLY REMOVED FLUORESCENT LIGHTING FIXTURE. REUSE EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE.
 - CONNECT HOME-RUN SWITCH LEG TO AN ACUTY, n-LIGHT ZONE CONTROL RELAY LOCATED IN ELECTRICAL ROOM #2M4 TO CONTROL CORRIDOR LIGHTING FIXTURES. EXTEND EXISTING SWITCH-LEG AND BRANCH-CIRCUIT WIRING FROM EXISTING CORRIDOR LIGHT FIXTURE JUNCTION BOX TO ZONE CONTROL RELAY AS REQUIRED AND MAKE FINAL CONNECTION TO RELAY. THE INTENT IS TO AUTOMATE CONTROL OF LIGHTING FIXTURES IN THE CORRIDOR FROM THE ACUTY, n-LIGHT SYSTEM.
 - NEW LED LAY-IN LIGHTING FIXTURE TO REPLACE A PREVIOUSLY REMOVED FLUORESCENT. REUSE EXISTING BRANCH-CIRCUIT AND SWITCH-LEG WIRING, JUNCTION BOXES, FIXTURE WHIPS, ETC. TO THE EXTENT POSSIBLE.
 - LIGHTING FIXTURE SHALL INCLUDE AN OCCUPANCY SENSOR INSTALLED INTEGRAL WITH THE FIXTURE.
 - PROVIDE A WALL-MOUNTED COMBINATION OCCUPANCY/DIMMER. THIS SWITCH SHALL SERVE AS AN OCCUPANCY SENSOR AND 0-10V DIMMER FOR LED LIGHTING FIXTURES. COORDINATE LOCATION WITH OFFICE FURNITURE.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARD 'X' LOCATED IN CUSTODIAL 122 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARD 'M' LOCATED IN MECHANICAL ROOM 1M1 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 - PROVIDE A NEW EMERGENCY LIGHTING UNIT (ELU) TO REPLACE EXISTING. REUSE EXISTING BRANCH-CIRCUIT WIRING.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARDS 'A', 'C', AND 'C1' LOCATED IN MECHANICAL ROOM 2M2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 - REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW LED LIGHTING FIXTURES FED FROM EXISTING PANELBOARDS 'F' AND 'G' LOCATED IN ELECTRICAL ROOM 1M4 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 - NEW LED WALL-PACK LIGHTING FIXTURE TO REPLACE PREVIOUSLY REMOVED WALL-PACK FIXTURE. REUSE EXISTING SWITCH-LEG WIRING TO THE EXTENT POSSIBLE.
 - PROVIDE A LIGHT BAR TO SIMULATE AMBULANCE LIGHTING FOR INSTRUCTIONAL PURPOSES ONLY. COORDINATE WITH WTC PLANT FACILITY DEPARTMENT.
 - ELECTRICAL CONTRACTOR SHALL INSTALL AN EXISTING REUSED HOSPITAL BED TYPE LIGHTING FIXTURE PROVIDED BY WTC (OWNER) AND MAKE 120VAC CONNECTION. REFER TO PHOTO #1/E101.

Project Title:
Project Number:
Project Date:
Drawn By:
Key Plan:

HSR Project Number:
HSR # 20028
Project Date:
FEBRUARY 2021
Drawn By:
HSR

Key Plan:



KEY PLAN

Revisions:

No.	Description	Date
1	ADDENDUM # 2	2-24-21

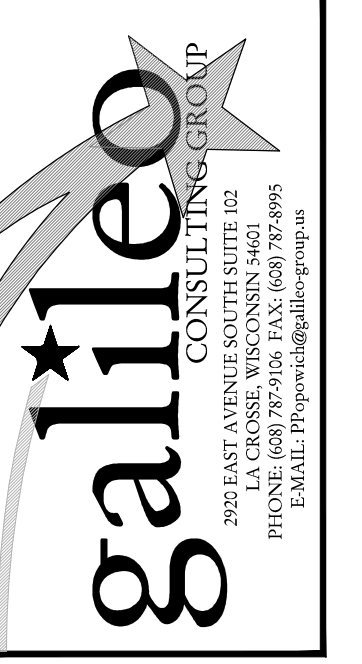
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Last Update:
02/24/21

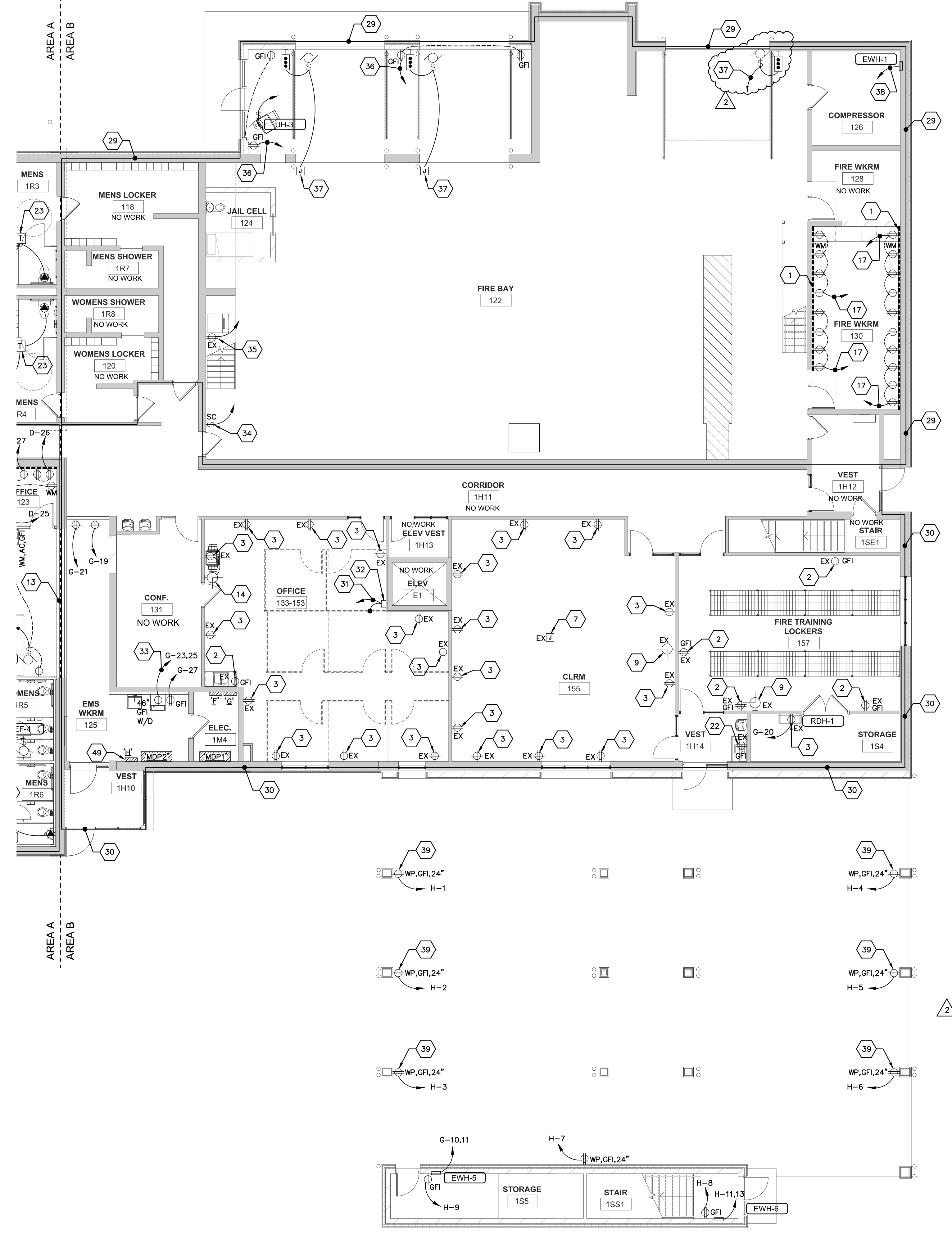
E103



Consultant:



WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
11177 COUNTY ROAD A
SPARTA, WI 54666
FIRST FLOOR POWER PLAN - AREA B

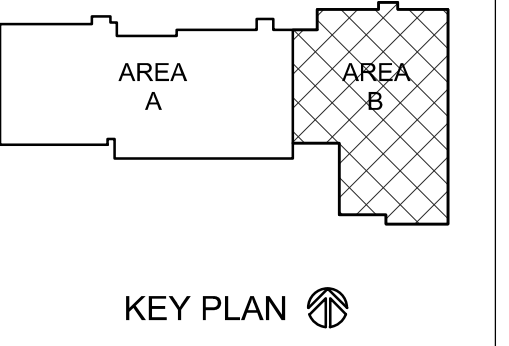


- KEYED POWER PLAN NOTES:**
1. PROVIDE A WIREMOLD 3000 SERIES SURFACE RACEWAY.
 2. PROVIDE A GFI DUPLEX OR DOUBLE DUPLEX RECEPTACLE AS NOTED AND INSTALL ABOVE COUNTER, REUSE EXISTING JUNCTION BOX AND BRANCH CIRCUIT WIRING TO THE EXTENT POSSIBLE. RAISE EXISTING JUNCTION BOX TO ABOVE COUNTER AS REQUIRED.
 3. PROVIDE A NEW 20 AMP, 120VAC DUPLEX RECEPTACLE TO REPLACE EXISTING, INSTALL IN EXISTING JUNCTION BOX, REUSE EXISTING BRANCH CIRCUIT WIRING TO THE EXTENT POSSIBLE. PROVIDE A NEW STAINLESS STEEL COVER PLATE.
 4. PROVIDE A NEW 20 AMP, 120VAC, GFI DUPLEX RECEPTACLE TO REPLACE EXISTING, INSTALL IN EXISTING JUNCTION BOX. REUSE EXISTING BRANCH CIRCUIT WIRING. PROVIDE A NEW STAINLESS STEEL COVER PLATE.
 5. ELECTRICAL CONTRACTOR SHALL INSTALL UP/DOWN SWITCH PROVIDED BY GENERAL CONTRACTOR FOR MOTORIZED VIDEO PROJECTION SCREEN AND MAKE FINAL CONNECTION. COORDINATE WITH GENERAL CONTRACTOR.
 6. MAKE FINAL CONNECTION TO MOTORIZED CEILING MOUNTED VIDEO PROJECTION SCREEN.
 7. PROVIDE A CEILING MOUNTED 20 AMP, 120VAC DUPLEX RECEPTACLE FOR OVERHEAD VIDEO PROJECTOR CORD AND PLUG CONNECTION. COORDINATE EXACT LOCATION WITH WTC IT DEPARTMENT.
 8. PROVIDE A DOUBLE DUPLEX RECEPTACLE IN THIS APPROXIMATE LOCATION FOR TEACHER'S STATION, REWORK EXISTING JUNCTION BOX AS REQUIRED TO ACCOMMODATE DOUBLE DUPLEX RECEPTACLE. REUSE EXISTING JUNCTION BOX, CONDUIT, BRANCH CIRCUIT WIRING, ETC. TO THE EXTENT POSSIBLE.
 9. EXISTING CLOCK TO REMAIN AS IS.
 10. PROVIDE A DUPLEX RECEPTACLE IN THIS LOCATION FOR AMBULANCE SIMULATOR CORD AND PLUG CONNECTION. FISH INTO EXISTING GFI BOARD TYPE WALL CONSTRUCTION. PROVIDE A DEDICATED 20 AMP, 120VAC BRANCH CIRCUIT.
 11. PROVIDE A DUPLEX RECEPTACLE FOR WALL-MOUNTED MONITOR, COORDINATE EXACT LOCATION WITH WTC IT DEPARTMENT. FISH INTO EXISTING GYP, BOARD TYPE WALL CONSTRUCTION OR PROVIDE SURFACE WIREMOLD 500 IF ALLOWED BY WTC FACILITY MAINTENANCE DEPARTMENT. REUSE/EXTEND EXISTING BRANCH CIRCUIT WIRING IN THIS ROOM TO THE EXTENT POSSIBLE.
 12. REUSE EXISTING BRANCH CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTACLES FED FROM EXISTING PANELBOARD 'M' LOCATED IN MECHANICAL ROOM 1M1 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 13. BRANCH CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTACLES, ETC. SHALL BE FED FROM PANELBOARD 'D' LOCATED IN UTILITY ROOM 1M3 FOR THIS AREA. PROVIDE BRANCH-CIRCUITS AS NOTED.
 14. ELECTRICAL CONTRACTOR SHALL INSTALL A WTC STANDARDIZED LATHEM AIRTIME CLOCK AND BACKBOX AT THIS LOCATION PROVIDED BY WTC FACILITY MAINTENANCE DEPARTMENT (OWNER). INSTALL A LATHEM AIRTIME BACKBOX WITH 120VAC RECEPTACLE PROVIDED BY OWNER. INSTALL A 120VAC LATHEM AIRTIME WIRELESS CLOCK PROVIDED BY OWNER. PROVIDE A 120VAC BRANCH-CIRCUIT WIRING AND MAKE FINAL CONNECTION AS REQUIRED.
 15. PROVIDE A DOUBLE DUPLEX RECEPTACLE FOR NEW AV EQUIPMENT RACK. COORDINATE WITH WTC IT DEPARTMENT. PROVIDE A 20 AMP, 120VAC BRANCH CIRCUIT TO PANELBOARD 'C'.
 16. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTACLES FED FROM EXISTING PANELBOARD 'X' LOCATED IN CUSTODIAN ROOM 1C2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 17. PROVIDE A 20 AMP, BRANCH-CIRCUIT TO THE NEAREST AVAILABLE PANELBOARD SERVING THIS AREA.
 18. PROVIDE A COMBINATION DUPLEX RECEPTACLE/CHARGER.
 19. PROVIDE A DUPLEX RECEPTACLE FOR MICROWAVE OVEN, LOCATE RECEPTACLE AS DIRECTED BY WTC FACILITY MAINTENANCE DEPARTMENT. RECEPTACLE SHALL BE LOCATED FOR EASY ACCESS TO CORD AND PLUG CONNECTION.
 20. PROVIDE A DUPLEX RECEPTACLE FOR REFRIGERATOR, REUSE EXISTING JUNCTION BOX TO THE EXTENT POSSIBLE. RAISE EXISTING JUNCTION BOX IF REQUIRED.
 21. PROVIDE A DUPLEX RECEPTACLE FOR WIRING MACHINE, FEED BRANCH CIRCUIT FROM A GFI CIRCUIT BREAKER FOR EASY ACCESS TO RESET GFI PROTECTION.
 22. INSTALL GFI RECEPTACLE FOR ELECTRIC WATER COOLER 'OUTSIDE' OF COOLER FOR EASY ACCESS TO RESET GFI PROTECTION.
 23. ELECTRICAL CONTRACTOR SHALL INSTALL 40VA TYPE OF TRANSFORMER FOR PLUMBING VALVE CONTROL. COORDINATE WITH PLUMBING CONTRACTOR. THIS WORK SHALL BE AN 'ADD' ALTERNATE BID, SEE BID FORMS.
 24. PROVIDE A SINGLE-POLE SWITCH TO CONTROL AUTOMATIC FRESH VALVE TRANSFORMERS, CLEARLY LABEL AS DIRECTED BY WTC FACILITY MAINTENANCE DEPARTMENT.
 25. INSTALL A NEW 225 AMP, 120/208VAC, 3-PHASE, 4-WIRE, 42 SPACE, SQUARE 'D' PANELBOARD 'D' IN THIS ROOM. PROVIDE DOUBLE LUGS TO SUB-FEED REINSTALLED EXISTING PANELBOARD 'D'.
 26. REINSTALL EXISTING PANELBOARD 'D' IN THIS LOCATION FEED FROM NEW PANELBOARD 'D' WITH DOUBLE SUB-FEED LUGS.
 27. PROVIDE A DUPLEX RECEPTACLE FOR EXISTING RELOCATED SEPTIC ALARM CORD AND PLUG CONNECTION. REFER TO PHOTO #35/E201.
 28. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTACLES FED FROM EXISTING PANELBOARD 'A' LOCATED IN MEZZANINE MECHANICAL ROOM 2M2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 29. REUSE EXISTING BRANCH CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTACLES AND MOTORS/EQUIPMENT FED FROM EXISTING PANELBOARDS 'A', 'C', 'C1' LOCATED IN MEZZANINE MECHANICAL ROOM 2M2 TO THE EXTENT POSSIBLE FOR THIS AREA. ALSO REUSE EXISTING BRANCH-CIRCUIT WIRING FED FROM EXISTING PANELBOARD 'F' LOCATED IN ELECTRICAL ROOM 1M4. PROVIDE ADDITIONAL BRANCH-CIRCUITS AS REQUIRED PER NEC CODE FROM THESE PANELBOARDS.
 30. REUSE EXISTING BRANCH CIRCUITS FED FROM EXISTING PANELBOARDS 'A', 'C', 'C1' LOCATED IN ELECTRICAL ROOM 1M4 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL BRANCH-CIRCUITS AS REQUIRED PER NEC CODE. IN ADDITION, NEW PANELBOARD 'Y' LOCATED IN EMS WORK ROOM #125 IS AVAILABLE FOR REMODEL WORK.
 31. PROVIDE FOUR (4) 20 AMP, 120VAC, BRANCH-CIRCUITS TO PANELBOARDS 'F' OR 'D' TO FEED MODULAR FURNITURE. COORDINATE WITH WTC FACILITY MAINTENANCE DEPARTMENT.
 32. PROVIDE A JUNCTION BOX IN THIS APPROXIMATE LOCATION TO FEED MODULAR FURNITURE. MAKE DIRECT CONNECTION WITH LIQUID TIGHT FLEXIBLE METAL CONDUIT. COORDINATE WITH WTC FACILITY MAINTENANCE DEPARTMENT.
 33. PROVIDE A 30 AMP, 120/208VAC, SINGLE-PHASE 'DRYER' RECEPTACLE FOR STACKED WASHER/DRYER.
 34. INSTALL A SPEED CONTROL SWITCH PROVIDED BY HVAC CONTRACTOR TO CONTROL DESTRATIFICATION FANS DF-1, DF-2, DF-3 AND DF-4. PROVIDE A 20 AMP, 120VAC BRANCH-CIRCUIT TO EITHER PANELBOARD 'A', 'C', 'C1', 'F' OR 'G'. ELECTRICAL CONTRACTOR SHALL CHOOSE BEST PANELBOARD TO USE.
 35. INSTALL A DUPLEX RECEPTACLE FOR ICE MACHINE. PROVIDE A 20 AMP, 120VAC BRANCH-CIRCUIT TO EITHER PANELBOARD 'A', 'C', 'C1', 'F' OR 'G'. ELECTRICAL CONTRACTOR SHALL CHOOSE BEST PANELBOARD TO USE.
 36. PROVIDE A 20 AMP, 120VAC BRANCH-CIRCUIT TO PANELBOARD 'A', 'C', OR 'C1' LOCATED ON MEZZANINE MECHANICAL ROOM 2M2.
 37. REUSE EXISTING BRANCH CIRCUIT WIRING FROM PREVIOUSLY REMOVED OVERHEAD DOORS. FEED NEW OVERHEAD DOORS IN NEW ADDITION IF COMPATIBLE. FIELD VERIFY VOLTAGE AMPERAGE AVAILABLE. OTHERWISE CONNECT OVERHEAD DOORS TO PANELBOARD 'A', 'C', OR 'C1' LOCATED ON MEZZANINE MECHANICAL ROOM 2M2.
 38. PROVIDE A 30 AMP, 208VAC BRANCH-CIRCUIT TO PANELBOARD 'A', 'C', OR 'C1' LOCATED ON MEZZANINE MECHANICAL ROOM 2M2.
 39. INSTALL EXISTING WEATHER-PROOF COVER PLATES PREVIOUSLY REMOVED FROM FITNESS ROOM #105 (REFER TO REMOVAL SHEET E002) IN THIS LOCATION. REFER TO PHOTO #24/E202.
 40. TO SPEED CONTROL SWITCH, REFER TO SHEET E202.
 41. REUSE EXISTING BRANCH CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTACLES AND MOTORS/EQUIPMENT FED FROM EXISTING PANELBOARD 'N' LOCATED IN MECHANICAL ROOM 2M4 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL BRANCH-CIRCUITS AS REQUIRED PER NEC CODE FROM THIS PANELBOARD.
 42. PROVIDE NEW BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTACLES AND MOTORS/EQUIPMENT FED FROM PANELBOARD 'N1' LOCATED IN MECHANICAL ROOM 2M4 FOR THIS AREA. PROVIDE ADDITIONAL BRANCH-CIRCUITS AS REQUIRED PER NEC CODE FROM THIS PANELBOARD.
 43. IT SHALL BE REQUIRED TO DISCONNECT THE 450 AMP, 208VAC, 3-PHASE, MULTI-STACK CHILLER FOR THE MECHANICAL CONTRACTOR TO INSTALL A NEW DRIP PAN UNDERNEATH. RECONNECT AFTER NEW DRIP PAN INSTALLED. COORDINATE THOROUGHLY WITH MECHANICAL CONTRACTOR.
 44. REUSE EXISTING BRANCH-CIRCUIT AT THIS LOCATION TO FEED NEW MOTOR/EQUIPMENT.
 45. PROVIDE A NEW SQUARE 'D', 225 AMP, MAIN LUG ONLY, 42-SPACE, 208VAC, 3-PHASE, 4-WIRE SUB-PANELBOARD IN THIS APPROXIMATE LOCATION. FEED FROM PANELBOARD 'N' WITH A 100/3 CIRCUIT BREAKER. LABEL PANELBOARD 'N1'.
 46. INSTALL A SPEED CONTROL SWITCH PROVIDED BY HVAC CONTRACTOR TO CONTROL CEILING DESTRATIFICATION FANS DFC-1, DFC-2, DFC-3 AND DFC-4.
 47. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A 'CONNECT' TRAC FLOOR SYSTEM. PROVIDE SURFACE MOUNTED COMBINATION POWER AND LOW VOLTAGE MODULES AND SURFACE RACEWAY. PROVIDE MODULES WITH COMBINATION DUPLEX RECEPTACLES AND DATA JACKS AS NOTED ON DRAWINGS AND AS REQUIRED BY WTC. CONTACT A CONNECTRAC SALES REPRESENTATIVE FOR MODEL NUMBERS, ETC. THE INTENT IS PROVIDE SURFACE MOUNT CONNECTION ON EXISTING AND/OR NEW CONCRETE FLOOR TO PROVIDE POWER AND LOW VOLTAGE CABLES BETWEEN THE WALL TO A FLOOR MOUNTED COMBINATION POWER/LOW VOLTAGE MODULES.
 48. DISCONNECT, REMOVE AND DISPOSE OF EXISTING 225 AMP, 120/208VAC, 3-PHASE, 42 SPACE, MAIN LUG ONLY 'DE' PANELBOARD AND REPLACE WITH A 225 AMP, 120/208VAC, 3-PHASE, 52 SPACE, MAIN LUG ONLY 'D' PANELBOARD. REFER TO PANELBOARD SCHEDULE FOR EXISTING CIRCUIT BREAKER INFORMATION.
 49. PROVIDE A NEW 225 AMP, 120/208VAC, 3-PHASE, 4-WIRE, 42 SPACE, MAIN LUG ONLY SQUARE 'D' PANELBOARD 'H' FED FROM 'MDP2' DISTRIBUTION PANELBOARD. USE AN EXISTING 200/3 CIRCUIT BREAKER IN 'MDP2' TO ENERGIZE NEW PANELBOARD.
 50. PROVIDE A CEILING MOUNTED DUPLEX RECEPTACLE TO MATCH CORD AND PLUG CONNECTION OF MOTOR EQUIPMENT.
 51. EF-3 HAS BEEN RELOCATED; REUSE EXISTING BRANCH CIRCUIT FROM PREVIOUS LOCATION AND EXTEND TO RELOCATED POSITION.
 52. PROVIDE AN EMERGENCY MUSHROOM TYPE SHUT-OFF SWITCH TO DE-ENERGIZE ALL EXISTING BOILERS AND BOILER PUMPS IN THIS ROOM. CONNECT TO SHUNT-TRIP CIRCUIT BREAKERS IN PANELBOARD 'N'. PROVIDE A NEW SHUNT-TRIP CIRCUIT BREAKER IN EXISTING PANELBOARD 'I' IF REQUIRED FOR EXISTING BOILERS TO REMAIN. FIELD VERIFY. COORDINATE WITH HVAC CONTRACTOR.
 53. APPROXIMATE LOCATION OF PREVIOUSLY REMOVED PANELBOARD 'D'. PROVIDE A JUNCTION BOX ABOVE SUSPENDED CEILING TO INTERRUPT 200 AMP FEEDER. EXTEND EXISTING 200 AMP FEEDER TO RELOCATED PANELBOARD 'D' IN UTILITY ROOM 1M3. REFER TO ELECTRICAL RISER DIAGRAM #2/E201.
 54. ELECTRICAL CONTRACTOR SHALL DISCONNECT EXISTING BRANCH-CIRCUIT WIRING SUPPLIED FROM PANELBOARD 'D' AS NOTED.
 55. ELECTRICAL CONTRACTOR SHALL INSTALL AND MAKE FINAL 120VAC CONNECTION TO A HILL-ROM HOSPITAL HEAD BOARD PROVIDED BY WTC (OWNER). REFER TO PHOTO #3/E201.
 56. ELECTRICAL CONTRACTOR SHALL INSTALL AND MAKE FINAL 120VAC CONNECTION TO A ELECTRIC HAND DRYER PROVIDED BY WTC (OWNER).
 57. ELECTRICAL CONTRACTOR SHALL DISCONNECT EXISTING MOTORIZED GARAGE DOOR FOR REMOVAL AND REPLACEMENT BY OTHERS. RECONNECT NEW REPLACED MOTORIZED GARAGE DOOR AS REQUIRED. REUSE EXISTING BRANCH-CIRCUIT WIRING, DISCONNECT CONDUIT, JUNCTION BOXES, ETC. TO THE EXTENT POSSIBLE.
 58. ELECTRICAL CONTRACTOR SHALL DISCONNECT, REMOVE AND DISPOSE OF EXISTING 225 AMP, 120/208VAC, 3-PHASE, 4-WIRE GENERAL ELECTRIC PANELBOARDS 'A' & 'C' AND REPLACE WITH NEW SQUARE 'D' PANELBOARDS AS NOTED ON PARTIAL ELECTRICAL RISER DIAGRAM #2/E201.

1 FIRST FLOOR POWER PLAN - AREA B
SCALE: 1/8" = 1'-0"
20-07-E-PP01

Project Title:
Project Number:
Project Date:
Drawn By:
Key Plan:

HSR # 20028
FEBRUARY 2021
HSR



Revisions:

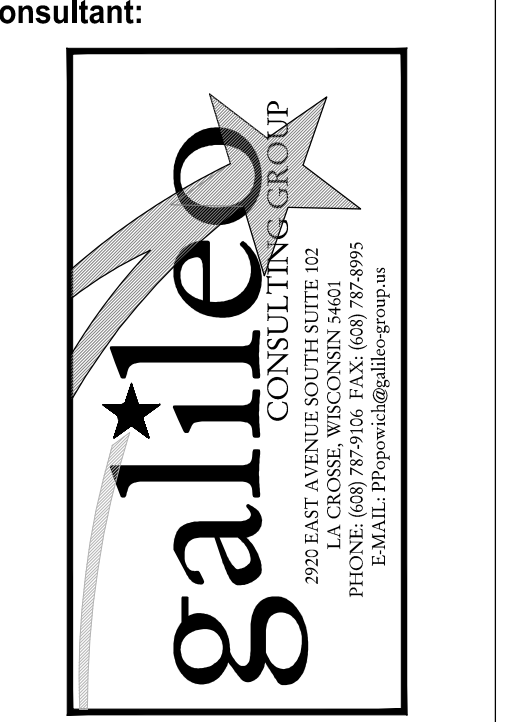
No.	Description	Date
Δ 1	ADDENDUM # 2	2-24-21

Graphic Scale:
VARIES
Last Update:
02/24/21

E202

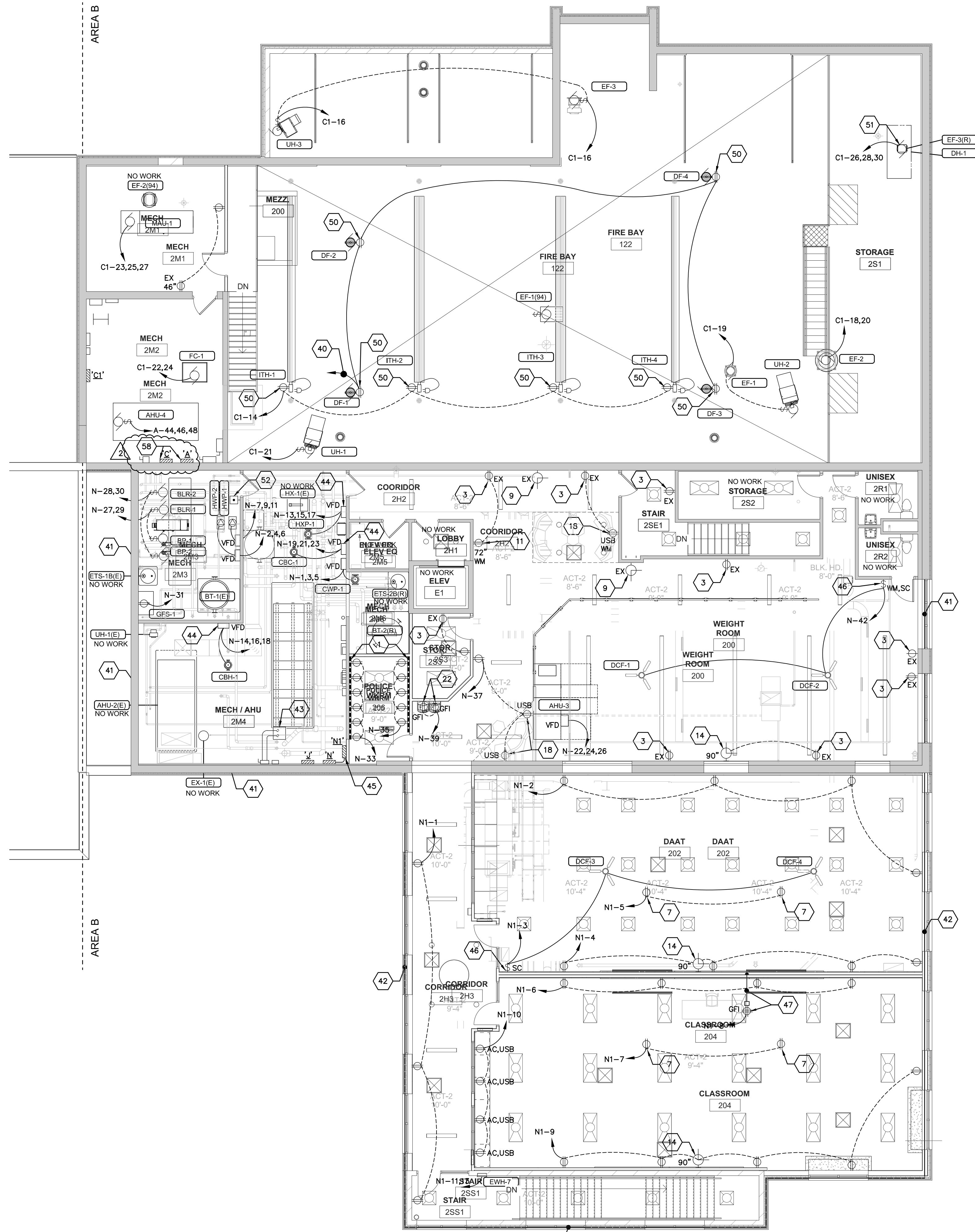


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WESTERN TECHNICAL COLLEGE
SPARTA PUBLIC SAFETY EXPANSION
Project Title:
Project Number:
Project Date:
February 2021
Drawn By:
HSR
Key Plan:
Project Location:
11177 COUNTY ROAD A
SPARTA, WI 54656
Sheet Title:
SECOND FLOOR POWER PLAN - AREA B



1 SECOND FLOOR POWER PLAN - AREA B
E203 SCALE: 1/8" = 1'-0"
20-07-E-PP02

- KEYED POWER PLAN NOTES:
1. PROVIDE A WIREMOLD 3000 SERIES SURFACE RACEWAY.
 2. PROVIDE A GFI DUPLEX OR DOUBLE DUPLEX RECEPTACLE AS NOTED AND INSTALL ABOVE COUNTER, REUSE EXISTING JUNCTION BOX AND BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE. RAISE EXISTING JUNCTION BOX TO ABOVE COUNTER AS REQUIRED.
 3. PROVIDE A NEW 20 AMP, 120VAC DUPLEX RECEPTACLE TO REPLACE EXISTING, INSTALL IN EXISTING JUNCTION BOX. REUSE EXISTING BRANCH-CIRCUIT WIRING TO THE EXTENT POSSIBLE. PROVIDE A NEW STAINLESS STEEL COVER PLATE.
 4. PROVIDE A NEW 20 AMP, 120VAC GFI DUPLEX RECEPTACLE TO REPLACE EXISTING, INSTALL IN EXISTING JUNCTION BOX. REUSE EXISTING BRANCH-CIRCUIT WIRING. PROVIDE A NEW STAINLESS STEEL COVER PLATE.
 5. ELECTRICAL CONTRACTOR SHALL INSTALL UP/DOWN SWITCH PROVIDED BY GENERAL CONTRACTOR FOR MOTORIZED VIDEO PROJECTION SCREEN AND MAKE FINAL CONNECTION. COORDINATE WITH GENERAL CONTRACTOR.
 6. MAKE FINAL CONNECTION TO MOTORIZED CEILING MOUNTED VIDEO PROJECTION SCREEN.
 7. PROVIDE A CEILING MOUNTED 20 AMP, 120VAC DUPLEX RECEPTACLE FOR OVERHEAD VIDEO PROJECTOR CORD AND PLUG CONNECTION. COORDINATE EXACT LOCATION WITH WTC IT DEPARTMENT.
 8. PROVIDE A DOUBLE DUPLEX RECEPTACLE IN THIS APPROXIMATE LOCATION FOR TEACHER'S STATION. REWORK EXISTING JUNCTION BOX AS REQUIRED TO ACCOMMODATE DOUBLE DUPLEX RECEPTACLE. REUSE EXISTING JUNCTION BOX, CONDUIT, BRANCH-CIRCUIT WIRING, ETC. TO THE EXTENT POSSIBLE.
 9. EXISTING CLOCK TO REMAIN AS IS.
 10. PROVIDE A DUPLEX RECEPTACLE IN THIS LOCATION FOR AMBULANCE SIMULATOR CORD AND PLUG CONNECTION. FISH INTO EXISTING GYP BOARD TYPE WALL CONSTRUCTION. PROVIDE A DEDICATED 20 AMP, 120VAC BRANCH CIRCUIT.
 11. PROVIDE A DUPLEX RECEPTACLE FOR WALL MOUNTED MONITOR. COORDINATE EXACT LOCATION WITH WTC IT DEPARTMENT. FISH INTO EXISTING GYP BOARD TYPE WALL CONSTRUCTION OR PROVIDE SURFACE WIREMOLD 500 IF ALLOWED BY WTC FACILITY MAINTENANCE DEPARTMENT. REUSE/EXTEND EXISTING BRANCH-CIRCUIT WIRING IN THIS ROOM TO THE EXTENT POSSIBLE.
 12. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTABLES FED FROM EXISTING PANELBOARD 'M' LOCATED IN MECHANICAL ROOM 1M1 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 13. BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTABLES, ETC. SHALL BE FED FROM PANELBOARD 'M' LOCATED IN UTILITY ROOM 1M5 FOR THIS AREA. PROVIDE BRANCH-CIRCUITS AS NOTED.
 14. ELECTRICAL CONTRACTOR SHALL INSTALL A WTC 'STANDARDIZED' LATHEM AIRTIME CLOCK AND BACKBOX AT THIS LOCATION PROVIDED BY WTC FACILITY MAINTENANCE DEPARTMENT (OWNER). INSTALL A LATHEM AIRTIME BACKBOX WITH 120VAC RECEPTACLE PROVIDED BY OWNER. INSTALL A 120VAC LATHEM AIRTIME WIRELESS CLOCK PROVIDED BY OWNER. PROVIDE A 120VAC BRANCH-CIRCUIT WIRING AND MAKE FINAL CONNECTION AS REQUIRED.
 15. PROVIDE A DOUBLE DUPLEX RECEPTACLE FOR NEW A/V EQUIPMENT RACK. COORDINATE WITH WTC IT DEPARTMENT. PROVIDE A 20 AMP, 120VAC BRANCH-CIRCUIT TO PANELBOARD 'X'.
 16. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTABLES FED FROM EXISTING PANELBOARD 'Y' LOCATED IN CUSTODIAL ROOM 1C1 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 17. PROVIDE A 20 AMP, BRANCH-CIRCUIT TO THE NEAREST AVAILABLE PANELBOARD SERVING THIS AREA.
 18. PROVIDE A COMBINATION DUPLEX RECEPTACLE/USB CHARGER.
 19. PROVIDE A DUPLEX RECEPTACLE FOR MICROWAVE OVEN. LOCATE RECEPTACLE AS DIRECTED BY WTC FACILITY MAINTENANCE DEPARTMENT. RECEPTACLE SHALL BE LOCATED FOR EASY ACCESS TO CORD AND PLUG CONNECTION.
 20. PROVIDE A DUPLEX RECEPTACLE FOR REFRIGERATOR. REUSE EXISTING JUNCTION BOX TO THE EXTENT POSSIBLE. RAISE EXISTING JUNCTION BOX IF REQUIRED.
 21. PROVIDE A DUPLEX RECEPTACLE FOR VENDING MACHINE. FEED BRANCH-CIRCUIT FROM A GFI CIRCUIT BREAKER FOR EASY ACCESS TO RESET GFI PROTECTION.
 22. INSTALL GFI RECEPTACLE FOR ELECTRIC WATER COOLER 'OUTSIDE' OF COOLER FOR EASY ACCESS TO RESET GFI PROTECTION.
 23. ELECTRICAL CONTRACTOR SHALL INSTALL 80VA TYPE OF TRANSFORMER FOR PLUMBING VALVE CONTROL. COORDINATE WITH PLUMBING CONTRACTOR. THIS WORK SHALL BE AN 'ADD' ALTERNATE BID. SEE BID FORMS.
 24. PROVIDE A SINGLE-POLE SWITCH TO CONTROL AUTOMATIC FLUSH VALVE TRANSFORMERS. CLEARLY LABEL AS DIRECTED BY WTC FACILITY MAINTENANCE DEPARTMENT.
 25. INSTALL A NEW 225 AMP, 120/208VAC, 3-PHASE, 4-WIRE, 42 SPACE, SQUARE 'D' PANELBOARD 'D' IN THIS ROOM. PROVIDE DOUBLE LUGS TO SUB-FEED REINSTALLED EXISTING PANELBOARD 'D'.
 26. REINSTALL EXISTING PANELBOARD 'D' IN THIS LOCATION FEED FROM NEW PANELBOARD 'D' WITH DOUBLE SUB-FEED LUGS.
 27. PROVIDE A DUPLEX RECEPTACLE FOR EXISTING RELOCATED SUPPLY ALARM CORD AND PLUG CONNECTION. REFER TO PHOTO #25/E203.
 28. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTABLES FED FROM EXISTING PANELBOARD 'A' LOCATED IN MEZZANINE MECHANICAL ROOM 2M2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL 20 AMP, 120VAC BRANCH-CIRCUITS AS REQUIRED PER NEC CODE.
 29. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTABLES AND MOTORS/EQUIPMENT FED FROM EXISTING PANELBOARDS 'A', 'C', 'C1' LOCATED IN MEZZANINE MECHANICAL ROOM 2M2 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL BRANCH-CIRCUITS AS REQUIRED PER NEC CODE FROM THESE PANELBOARDS.
 30. REUSE EXISTING BRANCH-CIRCUITS FED FROM EXISTING PANELBOARDS 'F' & 'G' LOCATED IN ELECTRICAL ROOM 1M4 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL BRANCH-CIRCUITS AS REQUIRED PER NEC CODE. IN ADDITION, NEW PANELBOARD 'N' LOCATED IN EMS WORK ROOM #125 IS AVAILABLE FOR REMODEL WORK.
 31. PROVIDE FOUR (4) 20 AMP, 120VAC, BRANCH-CIRCUITS TO PANELBOARDS 'P' OR 'Q' TO FEED MODULAR FURNITURE. COORDINATE WITH WTC FACILITY MAINTENANCE DEPARTMENT.
 32. PROVIDE A JUNCTION BOX IN THIS APPROXIMATE LOCATION TO FEED MODULAR FURNITURE. MAKE DIRECT CONNECTION WITH LIQUID TIGHT FLEXIBLE METAL CONDUIT. COORDINATE WITH WTC FACILITY MAINTENANCE DEPARTMENT.
 33. PROVIDE A 30 AMP, 120/208VAC, SINGLE-PHASE 'DRYER' RECEPTACLE FOR STACKED WASHER/DRYER.
 34. INSTALL A SPEED CONTROL SWITCH PROVIDED BY HVAC CONTRACTOR TO CONTROL CEILING DESTRATIFICATION FANS DFC-1, DFC-2, DFC-3 AND DFC-4. PROVIDE A 20 AMP, 120VAC BRANCH-CIRCUIT TO EITHER PANELBOARD 'A', 'C', 'C1', 'F' OR 'G'. ELECTRICAL CONTRACTOR SHALL CHOOSE BEST PANELBOARD TO USE.
 35. INSTALL A DUPLEX RECEPTACLE FOR ICE MACHINE. PROVIDE A 20 AMP, 120VAC BRANCH-CIRCUIT TO EITHER PANELBOARD 'A', 'C', 'C1', 'F' OR 'G'. ELECTRICAL CONTRACTOR SHALL CHOOSE BEST PANELBOARD TO USE.
 36. PROVIDE A 20 AMP, 120VAC BRANCH-CIRCUIT TO PANELBOARD 'A', 'C', OR 'C1' LOCATED ON MEZZANINE MECHANICAL ROOM 2M2.
 37. REUSE EXISTING BRANCH-CIRCUIT WIRING FROM PREVIOUSLY REMOVED OVERHEAD DOORS. FEED NEW OVERHEAD DOORS IN NEW ADDITION IF COMPATIBLE. FIELD VERIFY VOLTAGE AMPERAGE AVAILABLE. OTHERWISE CONNECT OVERHEAD DOORS TO PANELBOARD 'A', 'C', OR 'C1' LOCATED ON MEZZANINE MECHANICAL ROOM 2M2.
 38. PROVIDE A 20 AMP, 208VAC BRANCH-CIRCUIT TO PANELBOARD 'A', 'C', OR 'C1' LOCATED ON MEZZANINE MECHANICAL ROOM 2M2.
 39. INSTALL EXISTING WEATHER-PROOF COVER PLATES PREVIOUSLY REMOVED FROM FITNESS ROOM #105 (REFER TO REMOVAL SHEET E202). IN THIS LOCATION. REFER TO PHOTO #24/E203.
 40. TO SPEED CONTROL SWITCH, REFER TO SHEET E202.
 41. REUSE EXISTING BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTABLES AND MOTORS/EQUIPMENT FED FROM EXISTING PANELBOARD 'N' LOCATED IN MECHANICAL ROOM 2M4 TO THE EXTENT POSSIBLE FOR THIS AREA. PROVIDE ADDITIONAL BRANCH-CIRCUITS AS REQUIRED PER NEC CODE FROM THIS PANELBOARD.
 42. PROVIDE NEW BRANCH-CIRCUIT WIRING TO ENERGIZE NEW DUPLEX RECEPTABLES AND MOTORS/EQUIPMENT FED FROM PANELBOARD 'N1' LOCATED IN MECHANICAL ROOM 2M4 FOR THIS AREA. PROVIDE ADDITIONAL BRANCH-CIRCUITS AS REQUIRED PER NEC CODE FROM THIS PANELBOARD.
 43. IT SHALL BE REQUIRED TO DISCONNECT THE 800 AMP, 208VAC, 3-PHASE, MULTI-STACK CHILLER FOR THE MECHANICAL CONTRACTOR TO INSTALL A NEW DRIP PAN UNDERNEATH. RECONNECT AFTER NEW DRIP PAN IS INSTALLED. COORDINATE THOROUGHLY WITH MECHANICAL CONTRACTOR.
 44. REUSE EXISTING BRANCH-CIRCUIT AT THIS LOCATION TO FEED NEW MOTOR/EQUIPMENT.
 45. PROVIDE A NEW SQUARE 'D', 125 AMP, MAIN LUG ONLY, 42 SPACE, 208VAC, 3-PHASE, 4-WIRE SUB-PANELBOARD IN THIS APPROXIMATE LOCATION. FEED FROM PANELBOARD 'N' WITH A 100% CIRCUIT BREAKER. LABEL PANELBOARD 'N1'.
 46. INSTALL A SPEED CONTROL SWITCH PROVIDED BY HVAC CONTRACTOR TO CONTROL CEILING DESTRATIFICATION FANS DFC-1, DFC-2, DFC-3 AND DFC-4.
 47. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A 'CONNECT TRAC' FLOOR SYSTEM. PROVIDE SURFACE MOUNTED COMBINATION POWER AND LOW VOLTAGE MODULES AND SURFACE RACEWAY. PROVIDE MODULES WITH COMBINATION DUPLEX RECEPTABLES AND DATA JACKS AS NOTED ON DRAWINGS AND AS REQUIRED BY WTC. CONTACT A CONTRACTOR SALES REPRESENTATIVE FOR MODEL NUMBERS, ETC. THE INTENT IS PROVIDE SURFACE MOUNT CONNECTION ON EXISTING AND/OR NEW CONCRETE FLOOR TO PROVIDE POWER AND LOW VOLTAGE CABLES BETWEEN THE WALL TO A FLOOR MOUNTED COMBINATION POWER/LOW VOLTAGE MODULES.
 48. DISCONNECT, REMOVE AND DISPOSE OF EXISTING 225 AMP, 120/208VAC, 3-PHASE, 42 SPACE, MAIN-LUG ONLY 'G' PANELBOARD AND REPLACE WITH A 225 AMP, 120/208VAC, 3-PHASE, 42 SPACE, MAIN-LUG ONLY 'G' PANELBOARD. REFER TO PANELBOARD SCHEDULE FOR EXISTING CIRCUIT BREAKER INFORMATION.
 49. PROVIDE A NEW 225 AMP, 120/208VAC, 3-PHASE, 4-WIRE, 42 SPACE, MAIN-LUG ONLY SQUARE 'D' PANELBOARD 'F' FED FROM 'MDP2' DISTRIBUTION PANELBOARD. USE AN EXISTING 200% CIRCUIT BREAKER IN 'MDP2' TO ENERGIZE NEW PANELBOARD.
 50. PROVIDE A CEILING MOUNTED DUPLEX RECEPTACLE TO MATCH CORD AND PLUG CONNECTION OF MOTOR/EQUIPMENT.
 51. IF 3-PHASE BEING RELOCATED, REUSE EXISTING BRANCH-CIRCUIT FROM PREVIOUS LOCATION AND EXTEND TO RELOCATED POSITION.
 52. PROVIDE AN EMERGENCY MUSHROOM TYPE SHUT-OFF SWITCH TO DE-ENERGIZE ALL EXISTING BOILERS AND BOILER PUMPS IN THIS ROOM. CONNECT TO SHUNT-TRIP CIRCUIT BREAKERS IN PANELBOARD 'N'. PROVIDE A NEW SHUNT-TRIP CIRCUIT BREAKER IN EXISTING PANELBOARD 'N' IF REQUIRED FOR EXISTING BOILERS TO REMAIN. FIELD VERIFY. COORDINATE WITH HVAC CONTRACTOR.
 53. APPROXIMATE LOCATION OF PREVIOUSLY REMOVED PANELBOARD 'D'. PROVIDE A JUNCTION BOX ABOVE SUSPENDED CEILING TO INTERRUPT 200 AMP FEEDER. EXTEND EXISTING 200 AMP FEEDER TO RELOCATED PANELBOARD 'D' IN UTILITY ROOM 1M5. REFER TO ELECTRIC RISER DIAGRAM 2/E201.
 54. EXTEND EXISTING 200 AMP FEEDER TO RELOCATED PANELBOARD 'D' AS NOTED.
 55. ELECTRICAL CONTRACTOR SHALL INSTALL AND MAKE FINAL 120VAC CONNECTION TO A HALL-ROOM HOSPITAL HEAD BOARD PROVIDED BY WTC (OWNER). REFER TO PHOTO #1/E201.
 56. ELECTRICAL CONTRACTOR SHALL INSTALL AND MAKE FINAL 120VAC CONNECTION TO A ELECTRIC HAND DRYER PROVIDED BY WTC (OWNER).
 57. ELECTRICAL CONTRACTOR SHALL DISCONNECT EXISTING MOTORIZED GARAGE DOOR FOR REMOVAL AND REPLACEMENT BY OTHERS. RECONNECT NEW REPLACED MOTORIZED GARAGE DOOR AS REQUIRED. REUSE EXISTING BRANCH-CIRCUIT WIRING, DISCONNECT, CONDUIT, JUNCTION BOXES, ETC. TO THE EXTENT POSSIBLE.
 58. ELECTRICAL CONTRACTOR SHALL DISCONNECT, REMOVE AND DISPOSE OF EXISTING 225 AMP, 120/208VAC, 3-PHASE, 4-WIRE GENERAL ELECTRIC PANELBOARDS 'A' & 'C' AND REPLACE WITH NEW SQUARE 'D' PANELBOARDS AS NOTED ON PARTIAL ELECTRIC RISER DIAGRAM 2/E201.

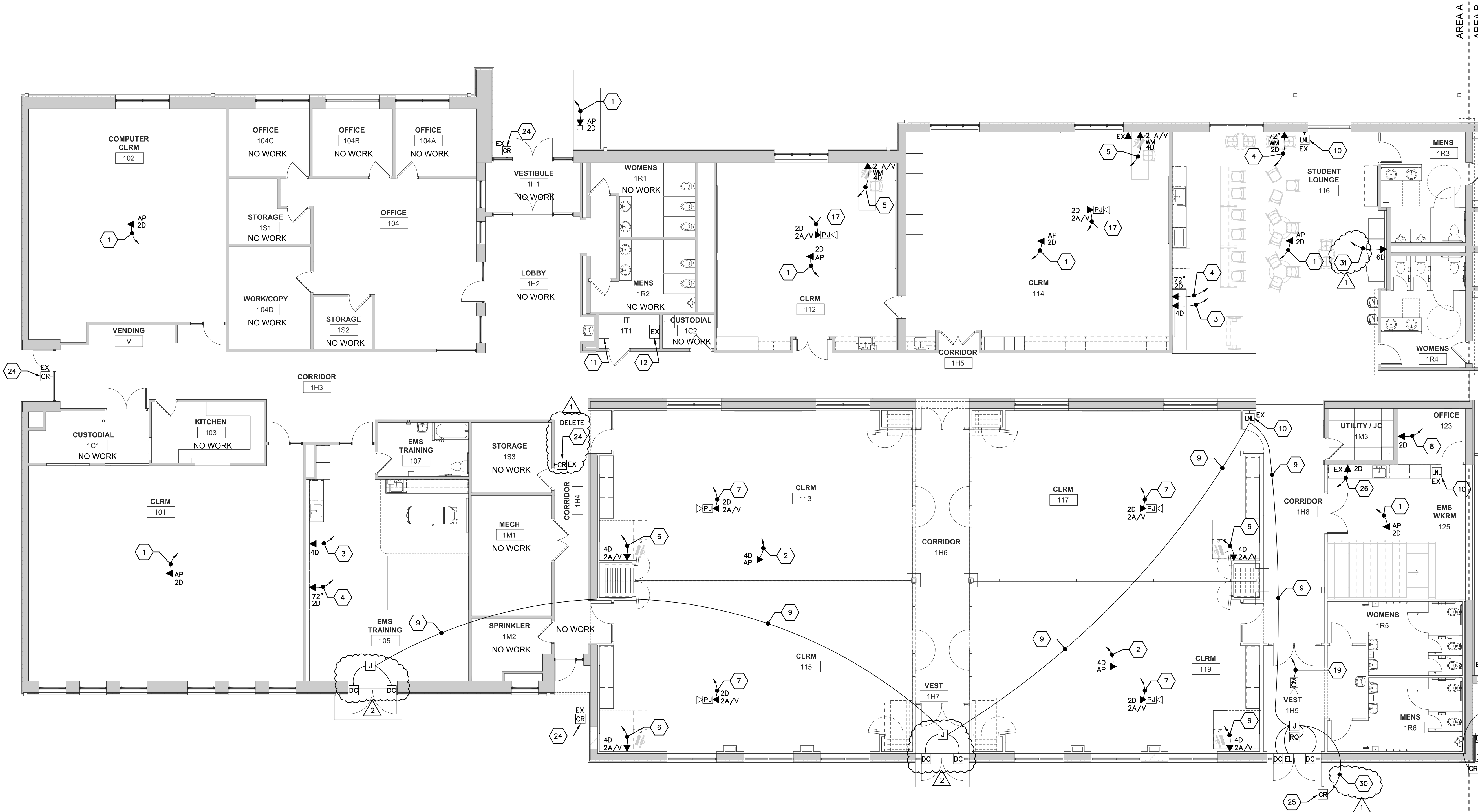
No.	Description	Date
1	ADDENDUM # 2	2-24-21

Graphic Scale:
VARIES
Last Update:
02/24/21

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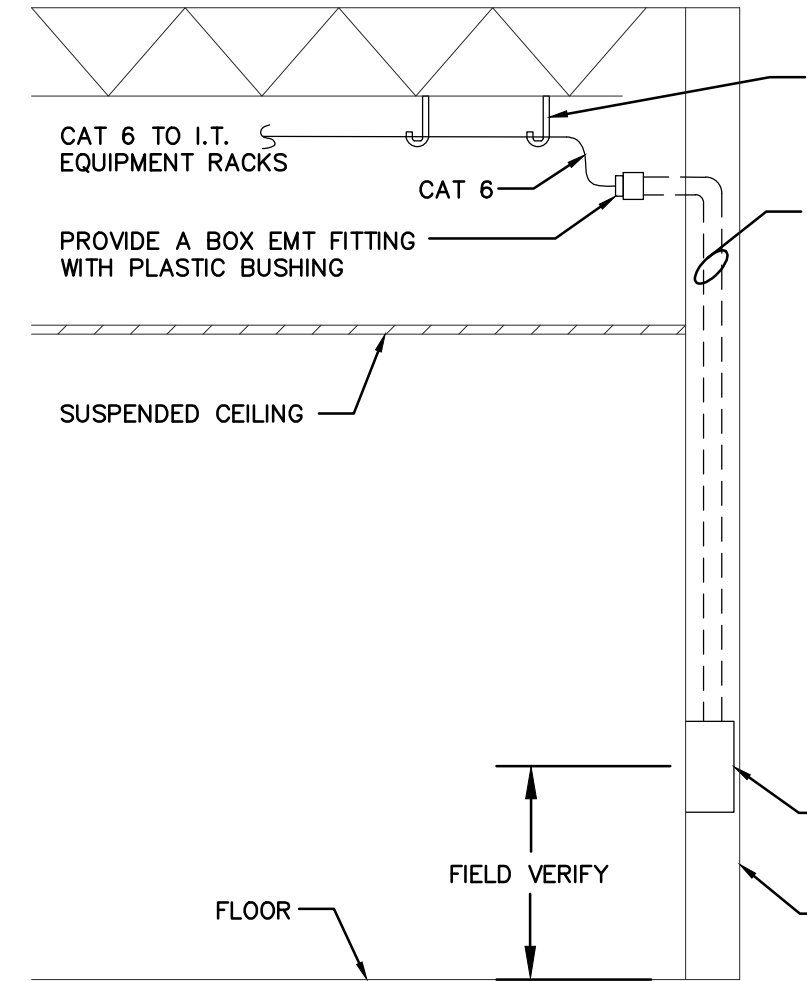


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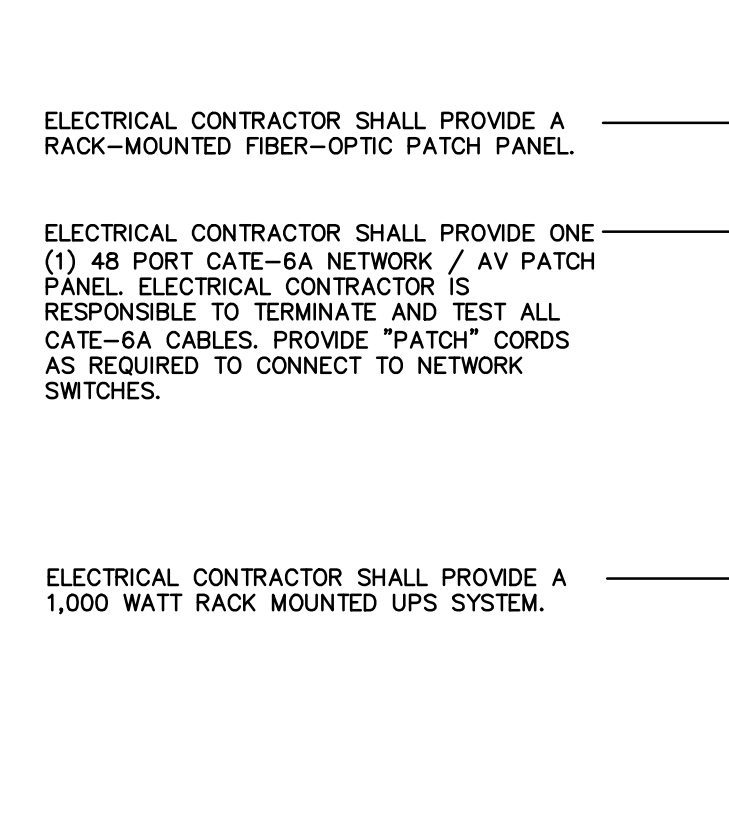


1 FIRST FLOOR LOW VOLTAGE PLAN - AREA A
SCALE: 1/8" = 1'-0"
20-07-E-LV01

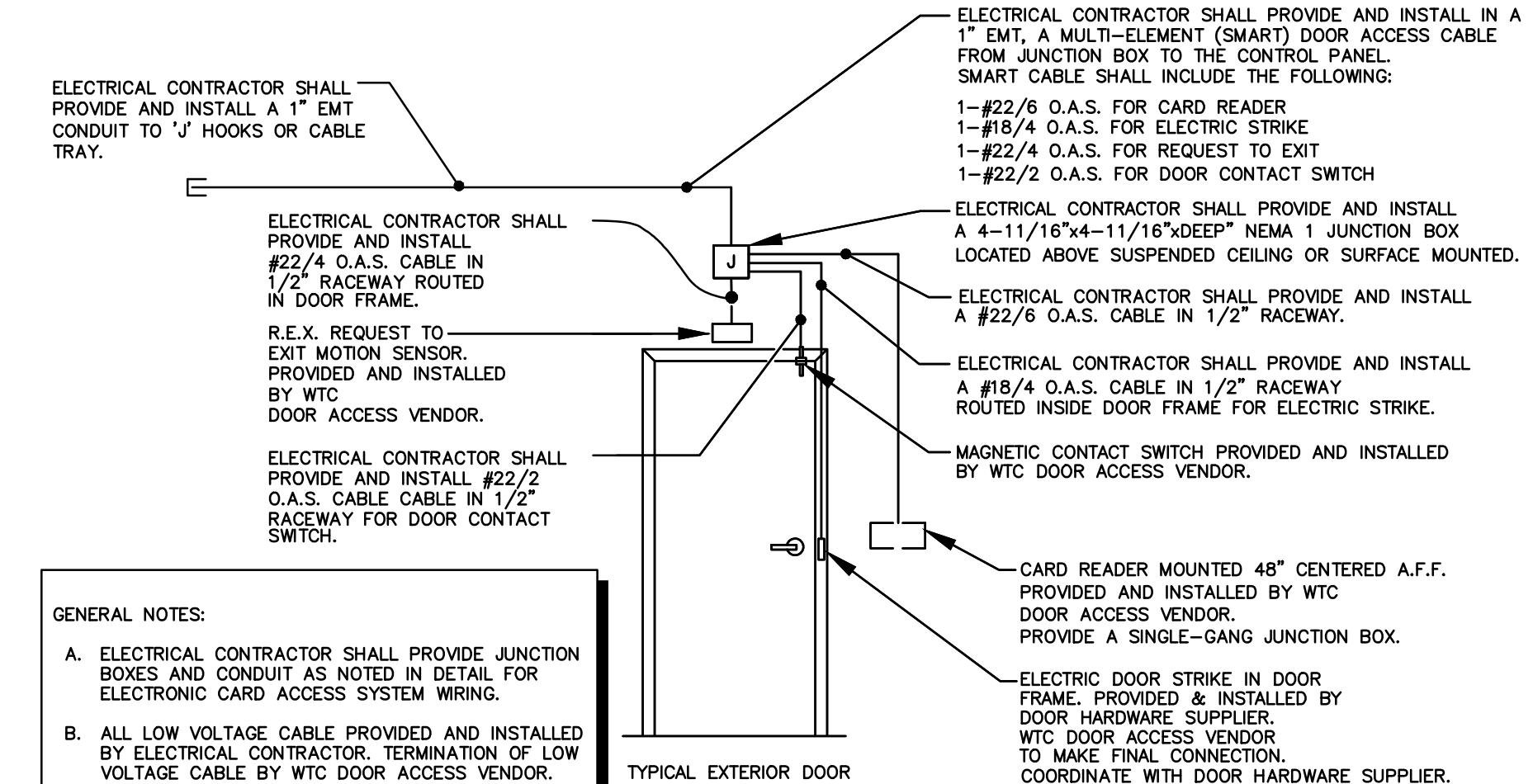
- GENERAL LOW VOLTAGE NOTES:**
- COLOR CODING SHALL BE AS FOLLOWS:
 1. NETWORKING (DATA) = ORANGE DATA JACKS WITH BLUE CAT6A CABLES.
 2. IP PHONE = ORANGE DATA JACKS WITH BLUE CAT6A CABLES.
 3. AUDIO/VIDEO (A/V) = GREEN DATA JACKS WITH GREEN CAT6A CABLES.
 4. SECURITY CAMERAS = WHITE JACKS WITH WHITE CAT6A CABLES.
 5. ELECTRONIC DOOR ACCESS SYSTEM = YELLOW MULTI-ELEMENT SMART CABLE.
 6. FAX/ANALOG = PURPLE JACKS WITH PURPLE CAT6A CABLES.
 7. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE 1/2" HOOPS AND CONDUIT SLEEVES THROUGH WALLS FOR LOW VOLTAGE CABLE ROUTING AS REQUIRED.
 - ALL** LOW VOLTAGE WIRING SHALL BE PLENUM RATED.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL 1" HOOP TYPE LOW VOLTAGE CABLE WRITING SUPPORT ON 4'-0" CENTERS ABOVE SUSPENDED ACOUSTIC CEILINGS BETWEEN CONDUIT WALL STUBS AND CABLE TRAY, ETC. ALL LOW VOLTAGE WIRING SHALL BE INDEPENDENTLY SUPPORTED SEPARATE FROM GRID TYPE CEILING, NO EXCEPTIONS.
 - ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL LOW VOLTAGE WIRING, DATA JACKS, ETC. FOR A COMPLETE SYSTEM FOR THIS PROJECT.
- KEYED LOW VOLTAGE NOTES:**
- APPROXIMATE LOCATION OF NEW WIRELESS ACCESS POINT PROVIDED AND INSTALLED BY WTC IT DEPARTMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN WIRELESS ACCESS POINT AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262. PROVIDE JUNCTION BOXES AS REQUIRED IN CEILING OR WALL. COORDINATE WITH WTC IT DEPARTMENT.
 - APPROXIMATE LOCATION OF NEW WIRELESS ACCESS POINT PROVIDED AND INSTALLED BY WTC IT DEPARTMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE FOUR (4) CAT6A CABLES BETWEEN WIRELESS ACCESS POINT AND IT NETWORK EQUIPMENT RACKS LOCATED IN DATA ROOM #111 OR #262. PROVIDE JUNCTION BOXES AS REQUIRED IN CEILING OR WALL. COORDINATE WITH WTC IT DEPARTMENT.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A FOUR (4) PORT DATA JACK. PROVIDE FOUR (4) NETWORK CAT6A CABLES BETWEEN FOUR PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262. PROVIDE A DOUBLE GANG JUNCTION BOX WITH SINGLE GANG MUDGING. STUB TWO (2) 1" EMT CONDUITS TO 7' HOOPS ABOVE SUSPENDED CEILING. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A TWO (2) PORT DATA JACK. PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN TWO PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262. PROVIDE A DOUBLE GANG JUNCTION BOX WITH SINGLE GANG MUDGING. STUB ONE (1) 1" EMT CONDUIT TO 7' HOOPS ABOVE SUSPENDED CEILING. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A SIX PORT COMBINATION DATA/AV JACKS AT THIS APPROXIMATE LOCATION FOR TEACHER'S STATION. PROVIDE FOUR (4) NETWORK CAT6A CABLES TO IT NETWORK EQUIPMENT RACK LOCATED IN IT ROOM #111. PROVIDE A 4"x4"x2-1/8" JUNCTION BOX WITH A DOUBLE-GANG MUDGING AND TWO (2) 1" EMT CONDUITS AND STUB ABOVE SUSPENDED CEILING FOR CABLE ROUTING.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A SIX PORT COMBINATION DATA/AV JACKS AT THIS APPROXIMATE LOCATION FOR TEACHER'S STATION. PROVIDE FOUR (4) NETWORK CAT6A CABLES TO IT NETWORK EQUIPMENT RACK LOCATED IN IT ROOM #111. PROVIDE TWO (2) SHIELDED CAT6A A/V CABLES BETWEEN TEACHER'S STATION DATA/AV JACKS AND A/V EQUIPMENT RACK LOCATED IN IT ROOM #111. PROVIDE A 4"x4"x2-1/8" JUNCTION BOX WITH A DOUBLE-GANG MUDGING AND TWO (2) 1" EMT CONDUITS AND STUB ABOVE SUSPENDED CEILING FOR CABLE ROUTING.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A FOUR PORT COMBINATION DATA/AV JACKS AT THIS APPROXIMATE LOCATION FOR OVERHEAD PROJECTOR. PROVIDE TWO (2) NETWORK CAT6A CABLES TO IT NETWORK EQUIPMENT RACK LOCATED IN IT ROOM #111. PROVIDE TWO (2) SHIELDED CAT6A A/V CABLES BETWEEN OVERHEAD PROJECTOR JUNCTION BOX AND A/V EQUIPMENT RACK LOCATED IN IT ROOM #111. PROVIDE A 4"x4"x2-1/8" JUNCTION BOX WITH A DOUBLE-GANG MUDGING AND TWO (2) 1" EMT CONDUITS AND STUB ABOVE SUSPENDED CEILING FOR CABLE ROUTING.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A TWO (2) PORT DATA JACK. PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN TWO PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262. PROVIDE A DOUBLE GANG JUNCTION BOX WITH SINGLE GANG MUDGING. STUB ONE (1) 1" EMT CONDUIT TO 7' HOOPS ABOVE SUSPENDED CEILING. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN. REFER TO DETAIL 4/E301.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE A SMART CABLE HOMERUN TO EXISTING ELECTRONIC DOOR ACCESS CONTROLS AS NOTED ON DRAWINGS. SMART CABLE SHALL BE BELDEN, MODEL 985041 OR EQUAL, 16 CONDUCTOR, 4 ELEMENT, ACCESS CONTROL CABLE, 18-04 + 23-3P + 22-02 + 22-04 PLENUM YELLOW COLOR. REFER TO ELECTRONIC DOOR ACCESS CONTROL DETAIL 2/E301.
 - LOCATION OF EXISTING ELECTRONIC DOOR ACCESS CONTROL POWER SUPPLY/CONTROLLER.
 - LOCATION OF EXISTING IT NETWORK EQUIPMENT RACK.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AN A/V WALL-MOUNTED EQUIPMENT RACK. COORDINATE WITH WTC IT DEPARTMENT. REFER TO DETAIL 3/E301.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE A SMART CABLE HOMERUN TO EXISTING ELECTRONIC DOOR ACCESS CONTROL PANEL LOCATED IN ROOM 103. SMART CABLE SHALL BE BELDEN, MODEL 985041 OR EQUAL, 16 CONDUCTOR, 4 ELEMENT, ACCESS CONTROL CABLE, 18-04 + 23-3P + 22-02 + 22-04 PLENUM YELLOW COLOR. REFER TO ELECTRONIC DOOR ACCESS CONTROL DETAIL 2/E301.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A TWO (2) PORT DATA JACK. PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN TWO PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262. PROVIDE A DOUBLE GANG JUNCTION BOX WITH SINGLE GANG MUDGING. STUB ONE (1) 1" EMT CONDUIT TO 7' HOOPS ABOVE SUSPENDED CEILING. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN. REFER TO DETAIL 4/E301.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A TWO (2) PORT DATA JACK. PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN TWO PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262. PROVIDE A DOUBLE GANG JUNCTION BOX WITH SINGLE GANG MUDGING. STUB ONE (1) 1" EMT CONDUIT TO 7' HOOPS ABOVE SUSPENDED CEILING. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL AN EIGHT PORT COMBINATION DATA/AV JACKS AT THIS APPROXIMATE LOCATION FOR TEACHER'S PRESENTER STATION. PROVIDE FOUR (4) NETWORK CAT6A CABLES TO IT NETWORK EQUIPMENT RACKS LOCATED IN IT ROOM #262. PROVIDE FOUR (4) SHIELDED CAT6A A/V CABLES BETWEEN TEACHER'S PRESENTER'S STATION DATA/AV JACKS AND OVERHEAD PROJECTORS. INSTALL TWO (2) SHIELDED CAT6A CABLES TO EACH OVERHEAD PROJECTOR. PROVIDE A TWO GANG MASONRY DEEP JUNCTION BOX WITH A DOUBLE-GANG MUDGING AND TWO (2) 1-1/4" EMT CONDUITS AND STUB ABOVE SUSPENDED CEILING FOR CABLE ROUTING.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A FOUR PORT COMBINATION DATA/AV JACKS AT THIS APPROXIMATE LOCATION FOR OVERHEAD PROJECTOR. PROVIDE TWO (2) NETWORK CAT6A CABLES TO IT NETWORK EQUIPMENT RACK LOCATED IN IT ROOM #111 OR #262. PROVIDE TWO (2) SHIELDED CAT6A A/V CABLES BETWEEN OVERHEAD PROJECTOR JUNCTION BOX AND A/V EQUIPMENT RACK LOCATED IN IT ROOM #111. PROVIDE A 4"x4"x2-1/8" JUNCTION BOX WITH A DOUBLE-GANG MUDGING AND TWO (2) 1" EMT CONDUITS AND STUB ABOVE SUSPENDED CEILING FOR CABLE ROUTING.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE MODULES WITH COMBINATION DUPLEX RECEPTACLES AND DATA JACKS AS NOTED ON DRAWINGS AND AS REQUIRED BY WTC. CONTACT A CONTRACTOR SALES REPRESENTATIVE FOR MODEL NUMBERS, ETC. THE INTENT IS PROVIDE SURFACE MOUNT CONDUIT ON EXISTING CONCRETE FLOOR TO PROVIDE POWER AND LOW VOLTAGE CABLES BETWEEN THE WALL TO A FLOOR MOUNTED COMBINATION POWER/LOW VOLTAGE MODULES.
 - ELECTRICAL CONTRACTOR SHALL INSTALL A SECURITY IP CCTV CAMERA WITH BACKBOX PROVIDED BY WTC IT DEPARTMENT IN THIS LOCATION. PROVIDE ONE (1) CAT6A CABLE TO IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262. COORDINATE MOUNTING HEIGHT AND MOUNTING HEIGHT WITH WTC IT DEPARTMENT.
 - PROVIDE A COMBINATION POWER/COMMUNICATION WIREMOLD 4000 SERIES SURFACE RACEWAY.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A TWO (2) PORT DATA JACK. PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN TWO PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262 FOR PRINTER/COPPER. PROVIDE A DOUBLE GANG JUNCTION BOX WITH SINGLE GANG MUDGING. STUB ONE (1) 1" EMT CONDUIT TO 7' HOOPS ABOVE SUSPENDED CEILING. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A TWO (2) PORT DATA JACK. PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN TWO PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262 FOR OFFICE COMPUTER WORKSTATION. INSTALL TWO (2) PORT DATA JACKS INSIDE MODULAR OFFICE FURNITURE. COORDINATE WITH MODULAR OFFICE FURNITURE INSTALLER AND WITH WTC FACILITY DEPARTMENT.
 - PROVIDE WIREMOLD 3000 SERIES SURFACE RACEWAY FOR ROUTING LOW VOLTAGE WIRING. PROVIDE LIQUID TIGHT TYPE FLEXIBLE CONDUIT BETWEEN WIREMOLD JUNCTION BOX AND MAKE DIRECT CONNECTION TO MODULAR OFFICE FURNITURE.
 - EXISTING ELECTRONIC DOOR ACCESS CONTROL, CARD READER TO REMAIN AS IS.
 - EXISTING ELECTRONIC DOOR ACCESS CONTROL "CARD READER" TO BE INSTALLED ON EXTERIOR PEDESTAL. PROVIDE UNDERGROUND CONDUIT AND LOW VOLTAGE WIRING AS REQUIRED BETWEEN ELECTRONIC DOOR ACCESS CONTROL JUNCTION BOX AND PEDESTAL. COORDINATE WITH WTC PLANT FACILITY DEPARTMENT. REFER TO PHOTO #02/001 FOR PEDESTAL EXAMPLE.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A TWO (2) PORT DATA JACK. PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN TWO PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262 FOR OFFICE COMPUTER WORKSTATION. REUSE EXISTING JUNCTION BOX AND CONDUIT TO EXTENT POSSIBLE. MAKE EXISTING JUNCTION BOX TO ABOVE COUNTERTOP REQUIRED. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A TWO (2) PORT DATA JACK. PROVIDE TWO (2) NETWORK CAT6A CABLES BETWEEN TWO PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262 FOR OFFICE COMPUTER WORKSTATION. INSTALL DATA JACKS IN WIREMOLD 4000 SURFACE RACEWAY. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A FOUR PORT COMBINATION DATA/AV JACKS AT THIS APPROXIMATE LOCATION FOR WALL-MOUNT MONITOR. PROVIDE TWO (2) NETWORK CAT6A CABLES TO IT NETWORK EQUIPMENT RACK LOCATED IN IT ROOM #111 OR #262. PROVIDE TWO (2) SHIELDED CAT6A A/V CABLES BETWEEN WALL-MOUNT MONITOR JUNCTION BOX AND A/V EQUIPMENT RACK LOCATED IN IT ROOM #111 OR #262. PROVIDE A DOUBLE GANG JUNCTION BOX AS REQUIRED FOR DATA/AV WIRING.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A FOUR PORT COMBINATION DATA/AV JACKS AT THIS APPROXIMATE LOCATION FOR PRESENTER'S STATION. PROVIDE TWO (2) NETWORK CAT6A CABLES TO IT NETWORK EQUIPMENT RACK LOCATED IN IT ROOM #111 OR #262. PROVIDE TWO (2) SHIELDED CAT6A A/V CABLES BETWEEN WALL-MOUNT MONITOR JUNCTION BOX AND PRESENTER'S A/V JACKS. PROVIDE SURFACE MOUNTED FLOOR CONNECTOR RACEWAY SYSTEM AS REQUIRED FOR DATA/AV WIRING. COORDINATE WITH WTC FACILITY DEPARTMENT.
 - PROVIDE 1/8" GALVANIZED CONDUIT ON EXTERIOR PEDESTAL (SHIELDED, STAKE), EXTERIOR RATED COMMUNICATION CABLE BETWEEN PEDESTAL CARD READER AND CONTROLLER. WEST PENN. AQUASEAL 18/6, MODEL RAQC3186 OR EQUAL.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A SIX (6) PORT DATA JACK. PROVIDE SIX (6) NETWORK CAT6A CABLES BETWEEN SIX PORT DATA JACK AND IT NETWORK EQUIPMENT RACK LOCATED IN DATA ROOM #111 OR #262. PROVIDE A DOUBLE GANG JUNCTION BOX WITH SINGLE GANG MUDGING. STUB TWO (2) 1" EMT CONDUITS TO 7' HOOPS ABOVE SUSPENDED CEILING. VERIFY MOUNTING HEIGHT OF DATA JACKS WITH WTC IT DEPARTMENT PRIOR TO ROUGH-IN.



4 JUNCTION BOX DETAIL
E301 N.T.S. 20-07-E-J BOX DTL



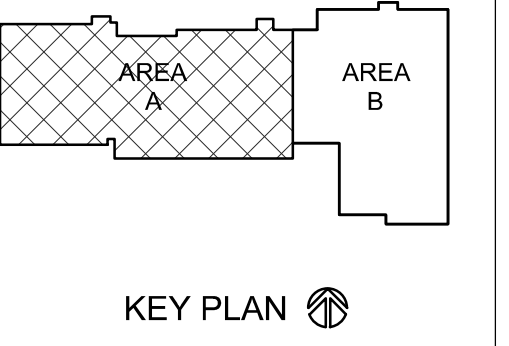
3 EQUIPMENT RACK DETAIL
E301 N.T.S. 20-07-E-COMMUNICATION RACK DTL



2 ELECTRONIC DOOR ACCESS CONTROL DETAIL
E301 N.T.S. 20-07-E-DOOR READ DTL

Project Title:
Project Number:
Project Date:
Drawn By:
Key Plan:

HSR # 20028
FEBRUARY 2021
HSR



KEY PLAN

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ADDENDUM # 1		2-15-21
ADDENDUM # 2		2-24-21

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VARIES

Last Update:
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E301

