

February 19, 2020

ADDENDUM NUMBER ONE (1)

Project: Hinds Bid #3188
2020 Career-Technical Building
PH II Welding Shop HVAC Renovations
(Greenfield Road) (Rankin Campus)
Hinds Community College
(Community College Board)
Pearl, MS
PN: 19103

FROM: Dean and Dean/Associates Architects, P.A.
4400 Old Canton Road, Suite 200
Jackson, MS 39211
(601) 939-7717

The following additions, changes, clarifications and/or substitutions to the Project Drawings as indicated, are hereby made a part of the Contract Documents. Acknowledge receipt of this Addendum by inserting its number and date in the Proposal Form where indicated.

Clarifications

- Item #1:** Attached is the Sign-Up Sheet for the Pre-Bid Conference held on Thursday, February 13, 2020 at 10:00 a.m. this is for informational purposes only.
- Item #2:** Note: Owner will remove all loose equipment in work areas prior to contractor starting work on site.

Architectural Specifications:

- Item #1:** Section 0500, Standard Form Of Agreement Between the Owner And The Contractor, remove paragraph 3.1.1 and replace with the following:

3.1.1 The Work to be performed under this contract shall be commenced on the date of the "Notice To Proceed". The onsite field work shall commence on May 7, 2020 and be completed by July 31, 2020.
- Item #2:** Section 01500, Construction Facilities and Temporary Controls, remove paragraph 1.02c and replace with the following:

C. Contractor is not required to provide a job field office or shed. Use of space within the work area shall be used.
- Item #3:** Section 00800, Supplemental Conditions, remove paragraph 9,.8.1:

Commissioning is not required on the project.
- Item #4:** Section 01200, Project Meetings, remove paragraph 1.1 D:

Commissioning is not required on the project.

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Refer to Drawings:

Item #1: Sheet A101 – Floor Plan, replace sheet with revised sheet A101 dated 17 February 2020.

- A. Added demo and paint work to room 158 Fire Protection Room.
- B. Added painting of gas piping in booths along north wall of welding shop.

Item #2: Sheet A103 - Existing interior photos to the set of drawings, add in its entirety.

- A. Added demonstration fire riser demolition work and painting to the existing Fire Protection Training Room 158, scope of work noted.
- B. Added painting of gas lines in welding shop to be color coded to match existing colors: orange, brown and green.

Item #3: Structural (Two 11"x17" sheets). See attached sheets dated 2-19-2020 prepared by Spencer Engineers.

- 1. Add Sheets S-1 and S-2 to the project added required structural steel framing to support HVAC fan.

Mechanical

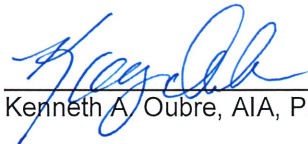
SEE ATTACHED MECHANICAL ITEMS PROVIDED BY ENGINEERING RESOURCE GROUP.

Electrical

SEE ATTACHED ELECTRICAL ITEMS PROVIDED BY THE POWER SOURCE.

END OF ADDENDUM NUMBER ONE (1)

Dean and Dean/Associates
architects p.a.



Kenneth A. Oubre, AIA, Principal



PLEASE ATTACH THIS ADDENDUM TO THE INSIDE FRONT COVER OF EACH SET OF SPECIFICATIONS.

PRE-BID MEETING MEETING ATTENDEES

PROJECT NAME: 2020 Career-Technical Building
OWNER REFERENCE NUMBER: Hinds Bid #3188
DD/A PN: 19103
DATE: February 13, 2020
 PH II Welding Shop HVAC Renovations

Name/Title	Entity	Telephone	E-Mail
KENNETH DURBE	DEAN & DEAN	601-939-7717	FOURBEE@DEANDEAN.COM
David England	England Enterprises	601-278-6467	englandenterprisesinc@gmail.com
Lena England	England Enterprises	602-673-1644	" "
Chris Green	The Power Source	601-540-0808	sgreen@thepowersource.com
Henry Williams	B J B Electric	601-985-9274	hwilliams@bjbecom.com
KENNETH McGRATH	SPENCER ENG	601-982-7766	kmgrath@spencerengineers.com
Norman Session	Hinds CC	601-936-5555	Norman.Session@hindscc.edu
Sandra Morano	Hinds CC	601-936-1851	Sandra.WestHorn@hindscc.edu
Phillip Melain	Melain Plumbing	601-655-3333	Phillip@melaininc.com
Chris Moore	EEG	601-940-4704	cmoore@engr.ms.com
David Kelly	ATEC Elec.	601-278-7519	david@atelectric.net
Philip Reen	Hopkins Const.	601-630-9848	
Jesse Jones	HCC	601-857-3567	jjones@hindscc.edu
Spill Hust	HCC	601-278-1125	jack.hust@hindscc.edu
Terence Walker	Norman Works Contractors	601-826-8111	mworkscontractors@gmail.com
John Skelton	BIG Construction	601-540-8099	john@BIGconstruction.ms.com



Dean and Dean Associates
 architects
 a professional association
 DEAN • GEDDIE • GRANT • OUBRE

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 4400 OLD CANTON ROAD • SUITE 200 • JACKSON, MS • 39211-5922 • FAX: 601.939.3420 • WEB: www.deandean.com



DATE: February 19, 2020

ADDENDUM ITEMS

HCC CTC WELDING SHOP
PEARL, MS
ERG P.N. 20.004.00

I. **PERTAINING TO THE DRAWINGS**

- A. M601: Welding Area Hoods: Hoods H/1 thru H/4, inclusive, shall be each five sectional components, with each section being 72"L X 60"W X 24"T, with 14"φ duct collar in center of top. The sides and top shall be constructed of minimum 16 ga. and 14 ga. G90 galvanized sheet metal, respectively. All joints shall be fully welded and ground smooth. All welds and scars shall be treated with cold galvanizing repair. Front and back of top sections shall include 1½" Unistrut or similar 1½" x 1½" X ¼" angle for reinforcing and suspension. Each hood shall be suspended with four (4) ½" galvanized all thread rods with one long size near rear of each welding booth enclosure, with bottom lip level at 7'- 2" AFF, (or +/-2" above top of enclosures) and cross-braced to prevent swagging of hoods. All supports and fasteners shall be galvanized, or stainless steel. Hood construction may be shop built or commercially available, equal to Greenheck Model GO. Contractor to submit shop drawing(s) of hood construction and installation. Coordinate locations with Professional.

If there are any questions, please contact Engineering Resource Group, Inc.

Phone: (601) 362-3552
Fax: (601) 366-6418

END OF ADDENDUM ITEMS

The Power Source, PLLC

Consulting Engineers

945 Madison Avenue
Madison, MS 39110

Telephone: (601) 605-4820
Fax: (601) 605-4875

ADDENDUM #1

Date: 19 February 2020
To: Kenny Oubre
From: Chris Green
Project #: 19265
Project Name: HCC Welding Shop #2
Location: , MS

Kenny,

Please issue the following with your next addendum:

1. E000 – Replaced an existing disconnect.
2. E000 – Relocated an existing disconnect.
3. E000 – Shows location of Existing Panel LW.
4. E001 – Added Panel LWS
5. E001 – Added Single Line Diagram.
6. E100 – Shows Location of Existing Panel LW.
7. E100 – Added Keyed Note #8.
8. E100 – Added Provisions for Plasma Cutter.
9. E100 – Modified disconnect.
10. E100 – Shows Location of Relocated Disconnect.
11. E100 – Added Transformer TWS.
12. E100 – Added Panel LWS's Location.
13. E100 – Modified Lighting Circuitry.
14. E100 – Added Detail 3/E100.
15. E100 – Added Provisions for welders in each welding booth.

The Power Source, PLLC

Consulting Engineers

945 Madison Avenue
Madison, MS 39110

Telephone: (601) 605-4820

Fax: (601) 605-4875

Sincerely,
Chris Green
The Power Source, PLLC

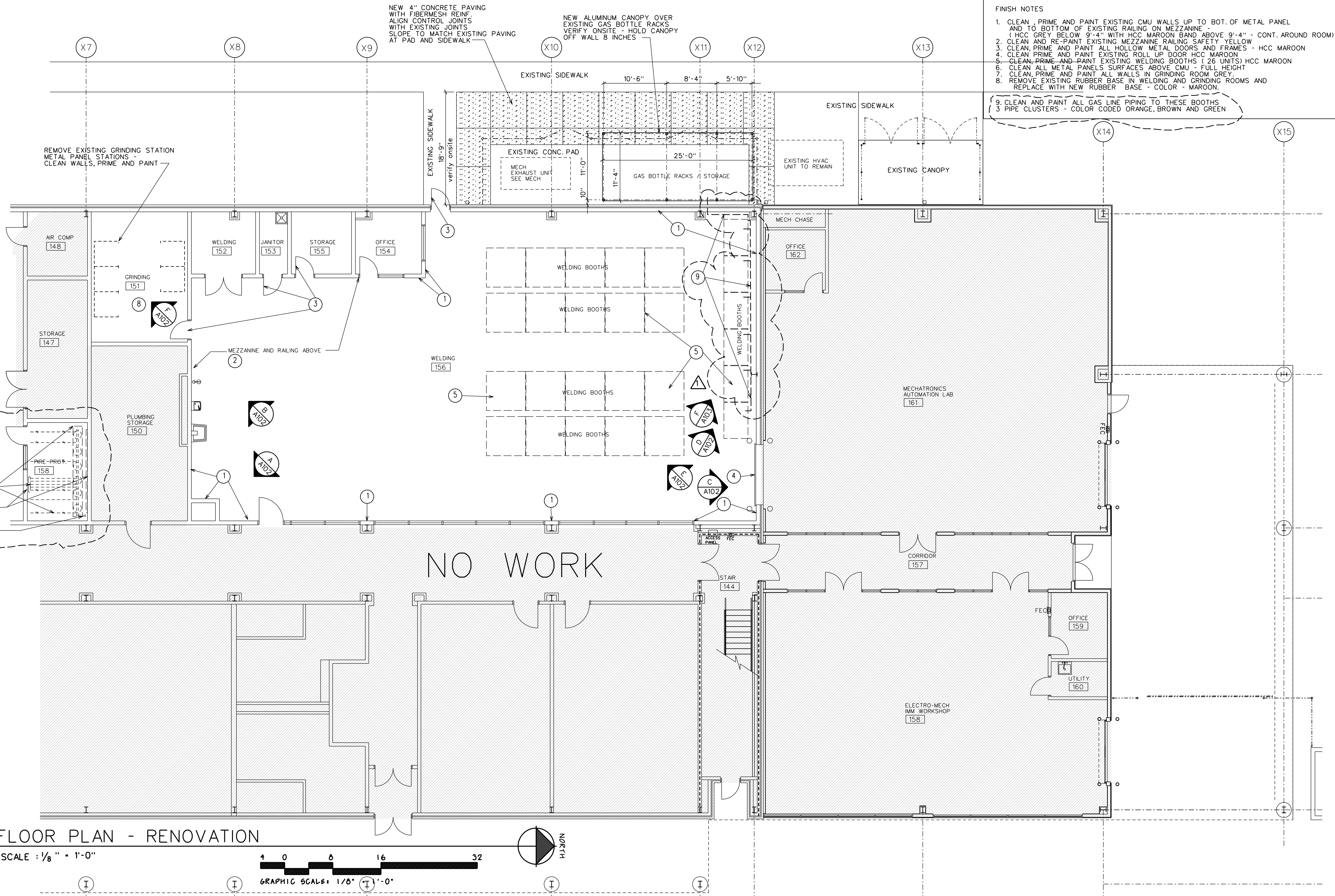
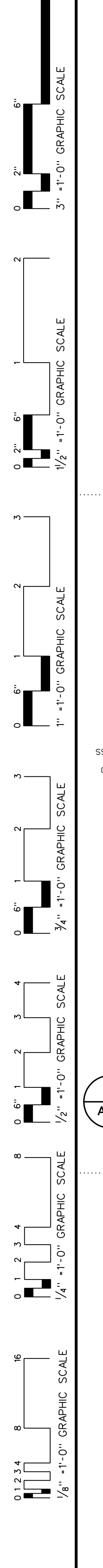
INTERIOR FINISH LEGEND

WALL FINISHES

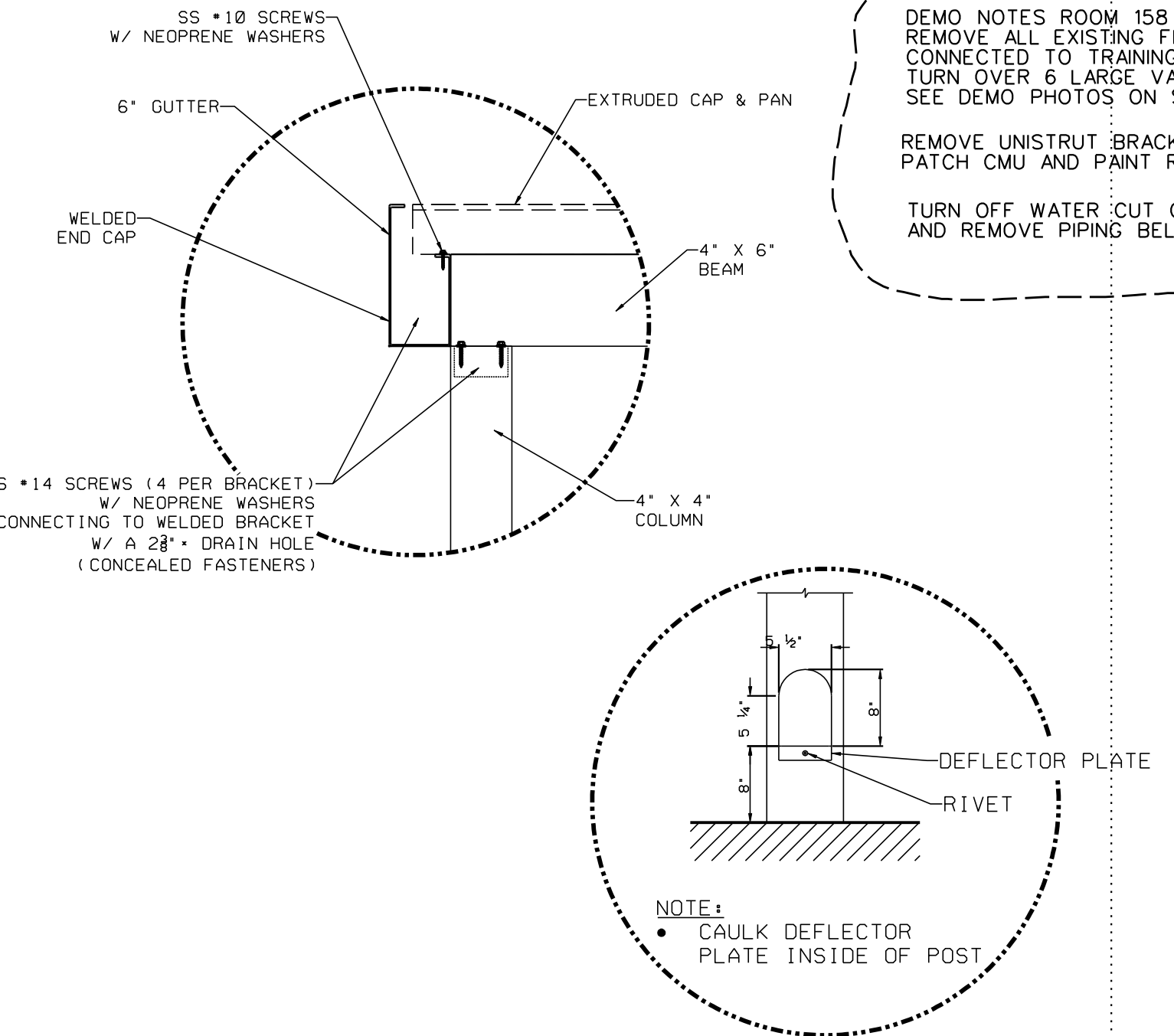
PAINT	
*	H.M. DOOR AND FRAME PAINT P2, IN SEMI-GLOSS FINISH.
P1	MANUFACTURER: SHERWIN WILLIAMS COLOR: SW OFF SET PRINTING INT FINISH: SEMI-GLOSS LOCATIONS: WALLS UP TO 9'-4" A.F.F.
P2	MANUFACTURER: SHERWIN WILLIAMS COLOR: SW HINDS MAROON FINISH: SEMI-GLOSS LOCATIONS: WALLS ACCENT BAND ABOVE 9'-4"
P3	MANUFACTURER: SHERWIN WILLIAMS COLOR: SAFETY YELLOW FINISH: GLOSS LOCATIONS: RAILING AT MEZZANINE AND BOLLARDS

NOTE: PAINT COLORS COME FROM SHERWIN WILLIAMS TERRY ROAD 601-373-9522 ASK FOR RON.

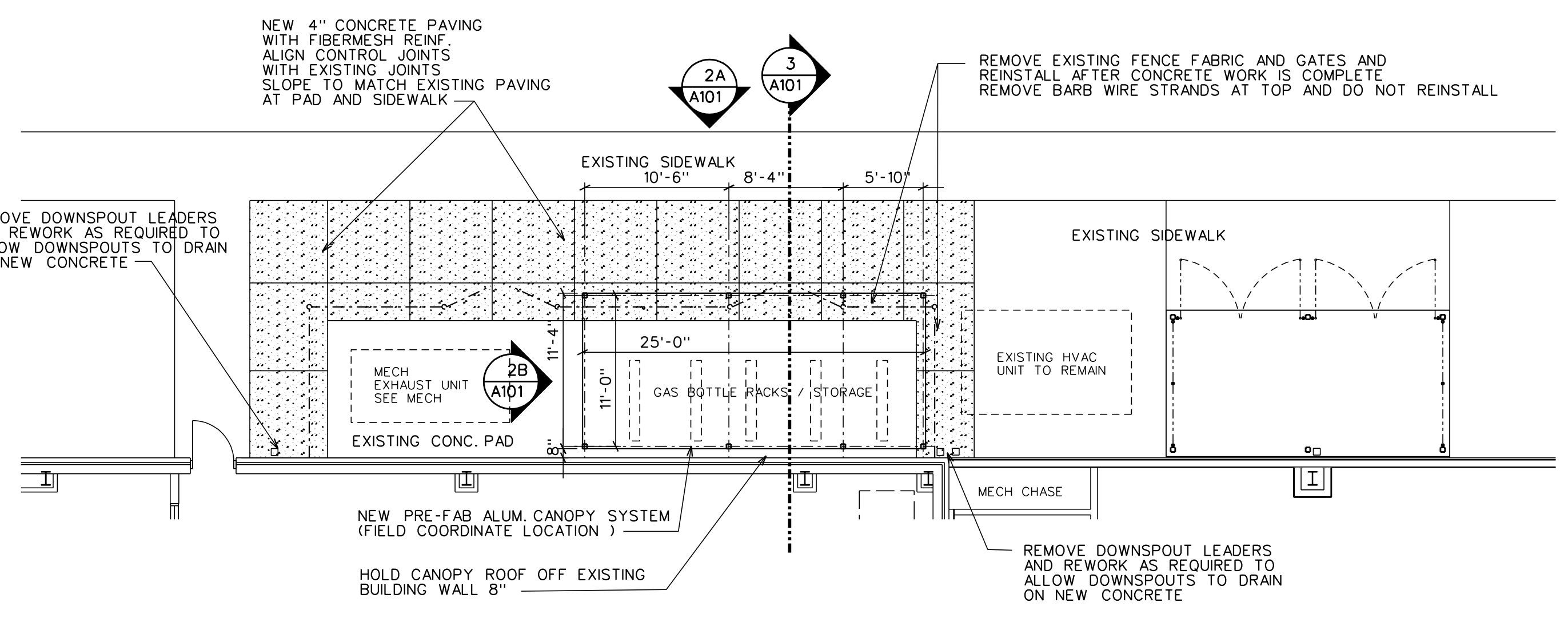
- FINISH NOTES**
- CLEAN, PRIME AND PAINT EXISTING CMU WALLS UP TO BOT. OF METAL PANEL AND TO BOTTOM OF EXISTING RAILING ON MEZZANINE.
 - HCC GREY BELOW 9'-4" WITH HCC MAROON BAND ABOVE 9'-4" - CONT. AROUND ROOM.
 - CLEAN AND RE-Paint EXISTING MEZZANINE RAILING SAFETY YELLOW.
 - CLEAN, PRIME AND PAINT ALL HOLLOW METAL DOORS AND FRAMES - HCC MAROON.
 - CLEAN, PRIME AND PAINT EXISTING ROLL UP DOOR HCC MAROON.
 - CLEAN, PRIME AND PAINT EXISTING WELDING BOOTHS (26 UNITS) HCC MAROON.
 - CLEAN ALL METAL PANELS SURFACES ABOVE CMU - FULL HEIGHT.
 - CLEAN, PRIME AND PAINT ALL WALLS IN GRINDING ROOM GREY.
 - REMOVE EXISTING RUBBER BASE IN WELDING AND GRINDING ROOMS AND REPLACE WITH NEW RUBBER BASE - COLOR - MAROON.
 - CLEAN AND PAINT ALL GAS LINE PIPING TO THESE BOOTHS.
 - PIPE CLUSTERS - COLOR CODED ORANGE, BROWN AND GREEN.



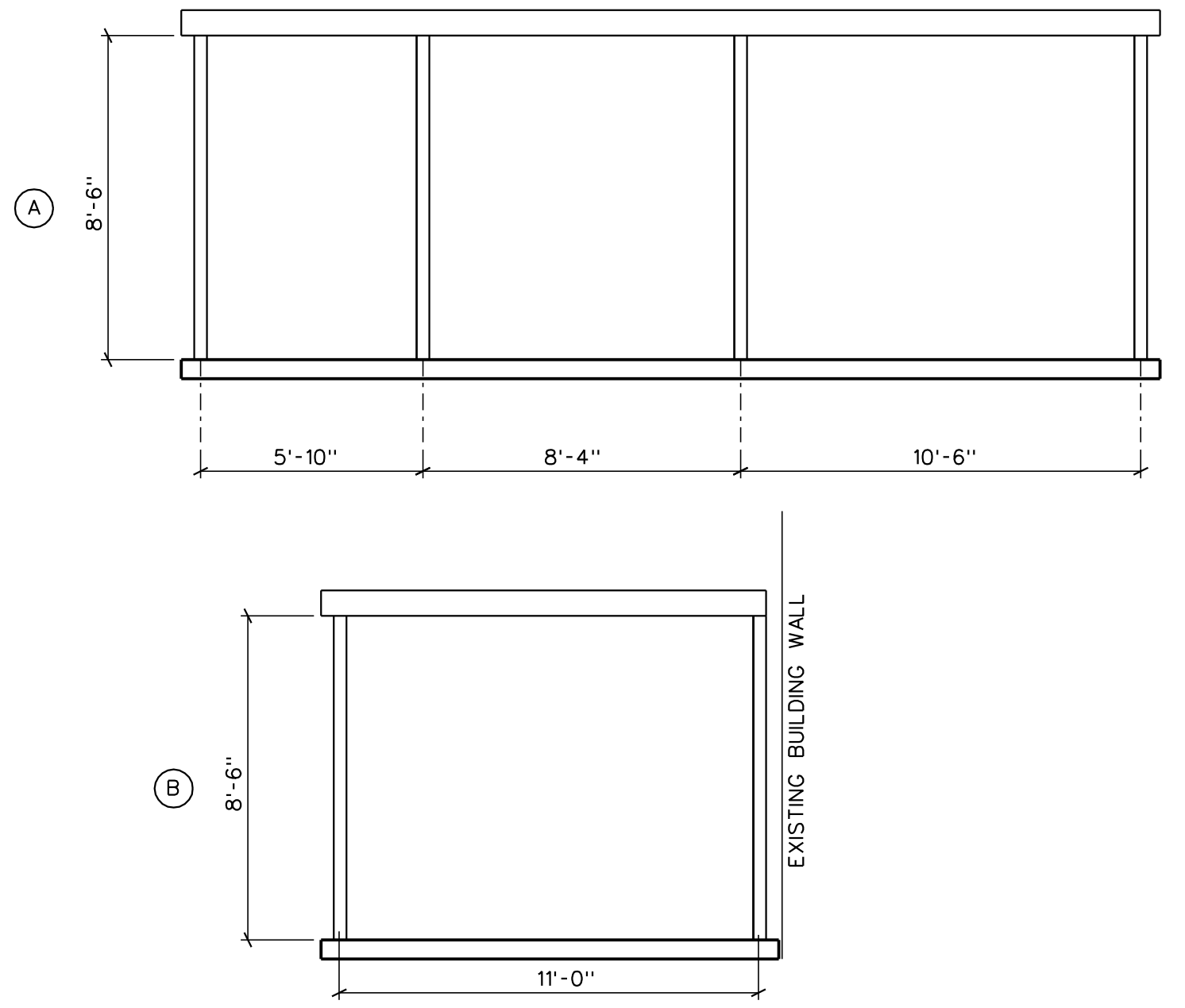
A FLOOR PLAN - RENOVATION
SCALE: 1/8" = 1'-0"
GRAPHIC SCALE: 1/8" = 1'-0"



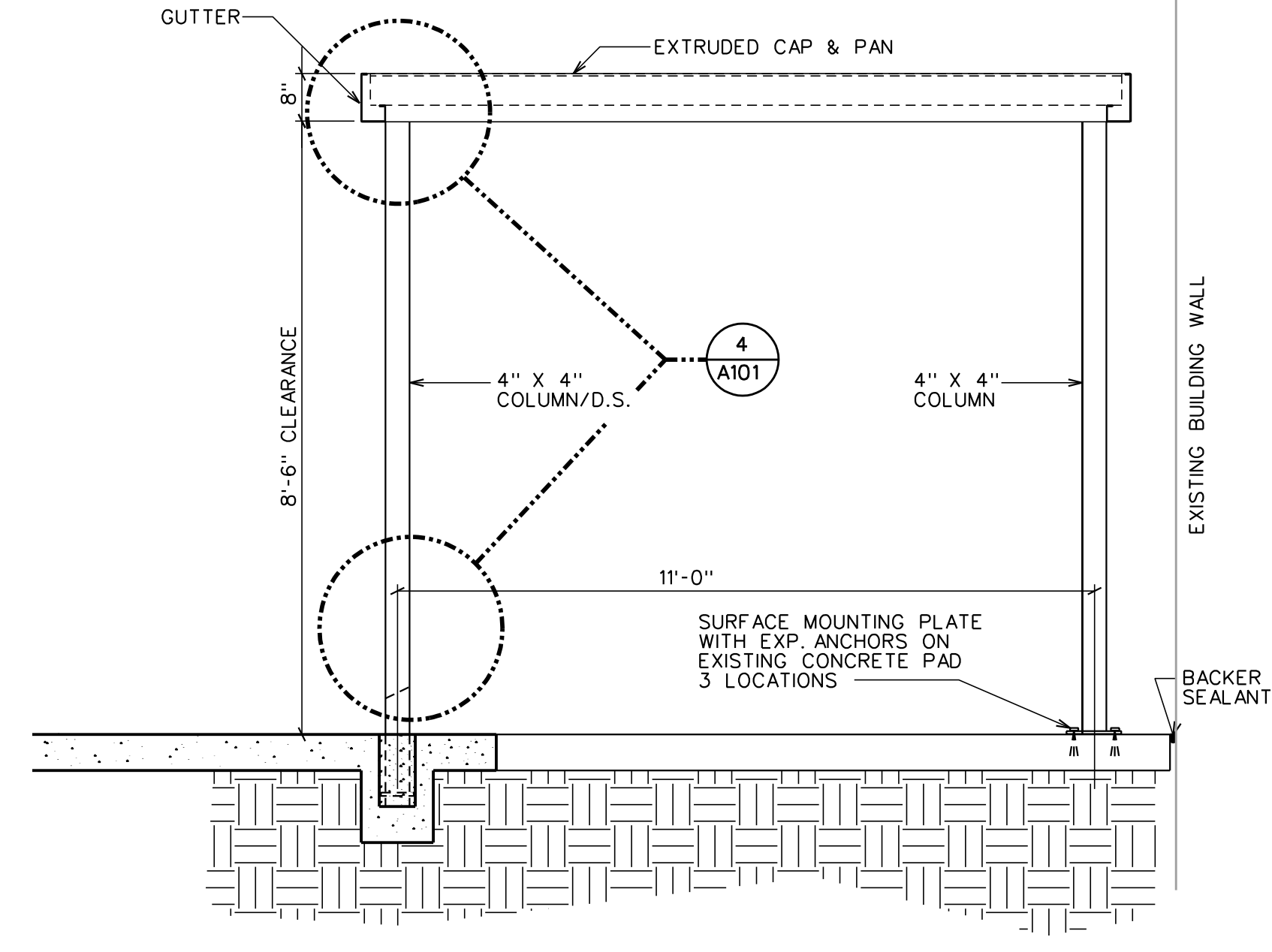
4 PRE-FABRICATED CANOPY
SCALE: NTS



1 FLOOR PLAN - GAS BOTTLE STORAGE CANOPY
SCALE: 1/4" = 1'-0"

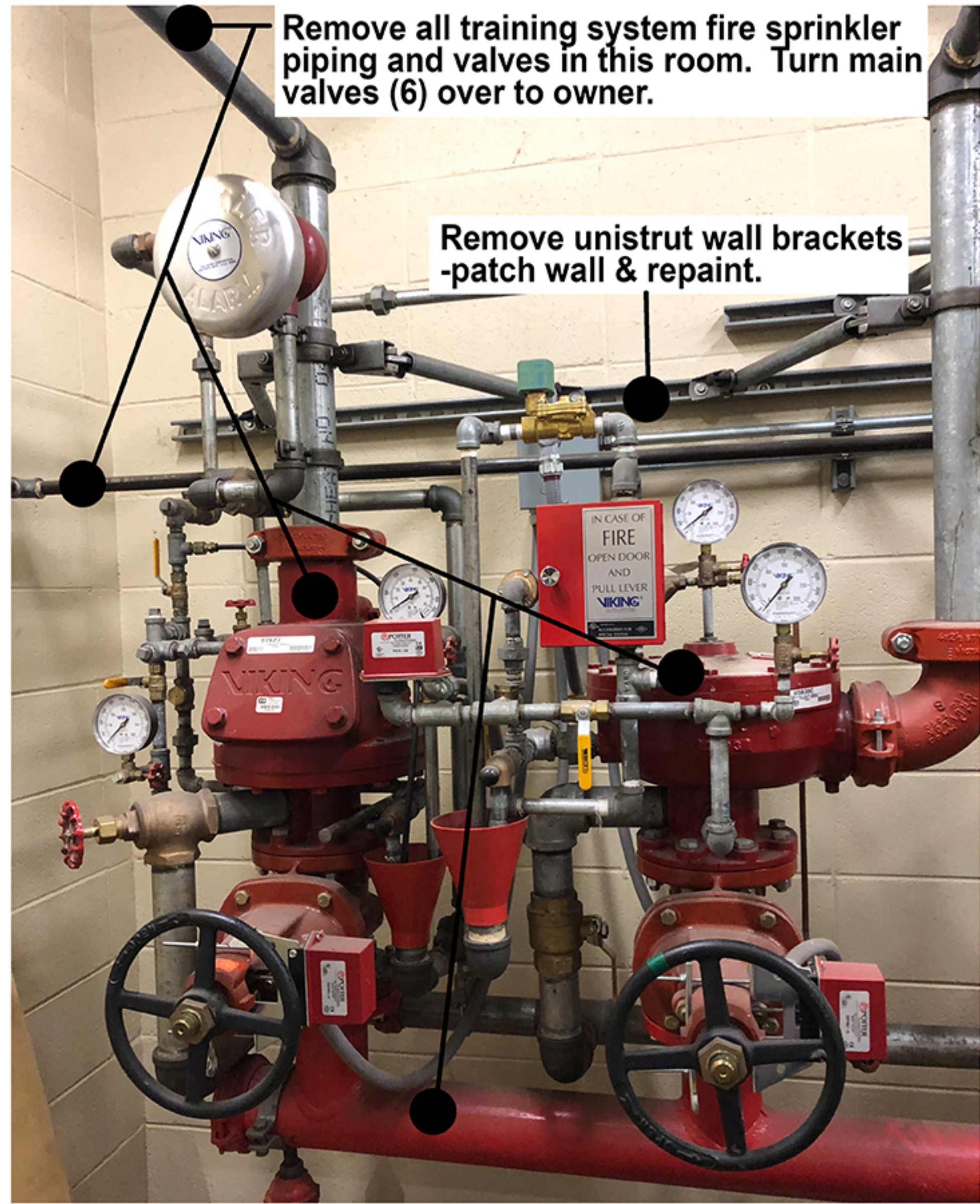


2 CANOPY ELEVATIONS
SCALE: 1/4" = 1'-0"



3 PRE-FABRICATED CANOPY
SCALE: NTS

PH 1903
 0 1 2 3 4 8 16
 1/8" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 1/4" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 1/2" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 3/4" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 1" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 1 1/2" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 2" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 3" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 4" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 6" = 1'-0" GRAPHIC SCALE
 0 1 2 3 4 8
 12" = 1'-0" GRAPHIC SCALE



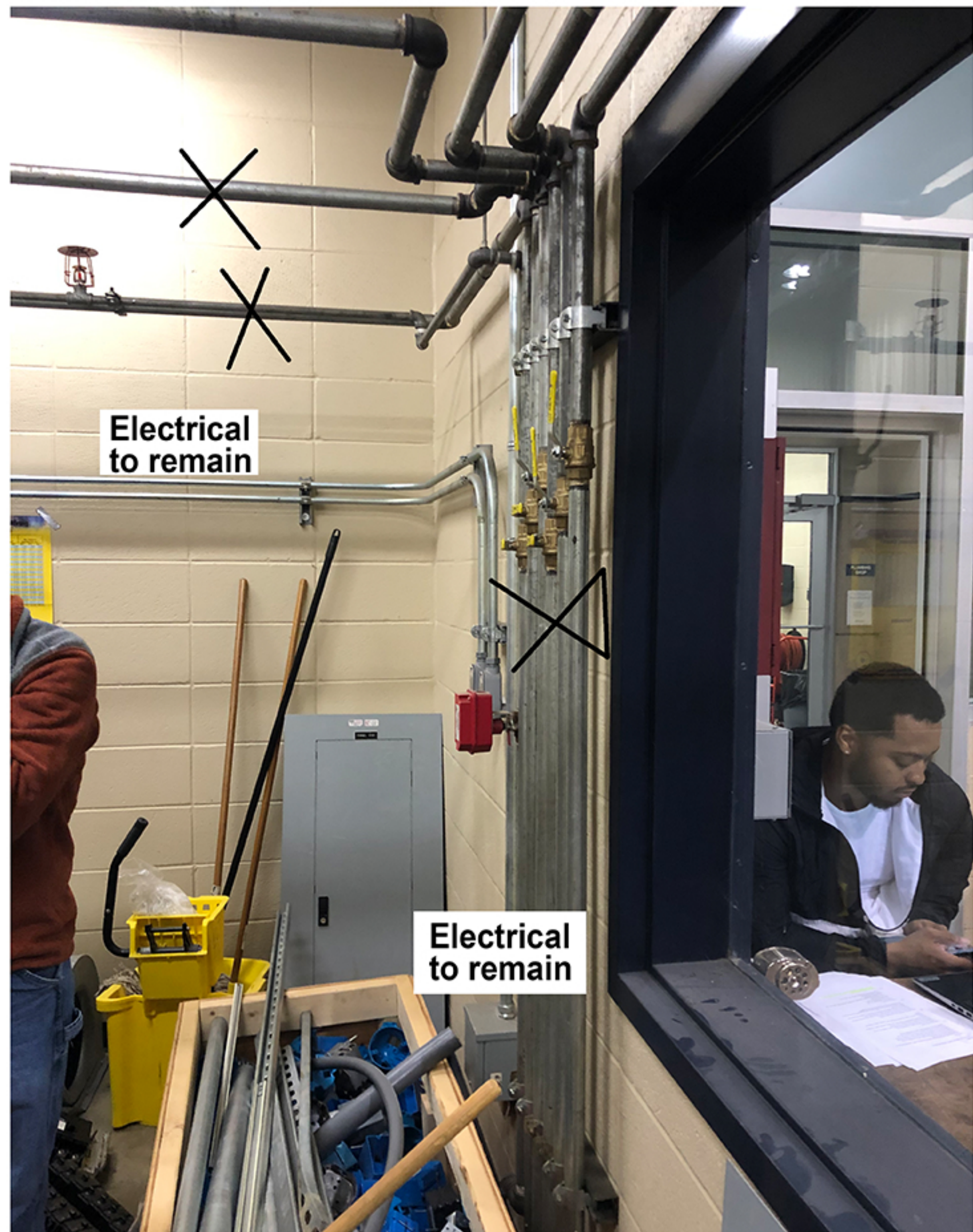
PHOTOGRAPH - A



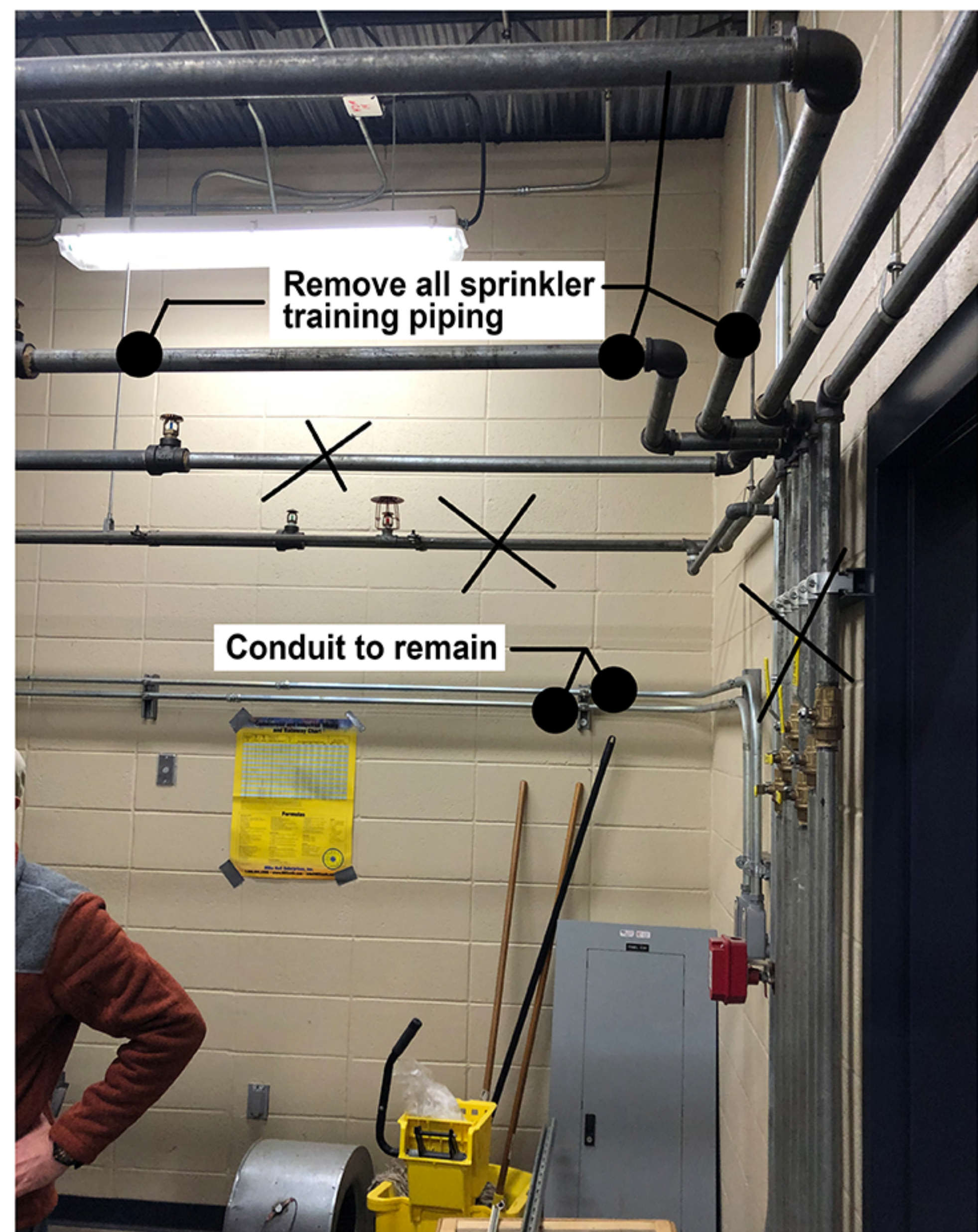
PHOTOGRAPH - B



PHOTOGRAPH - C



PHOTOGRAPH - D

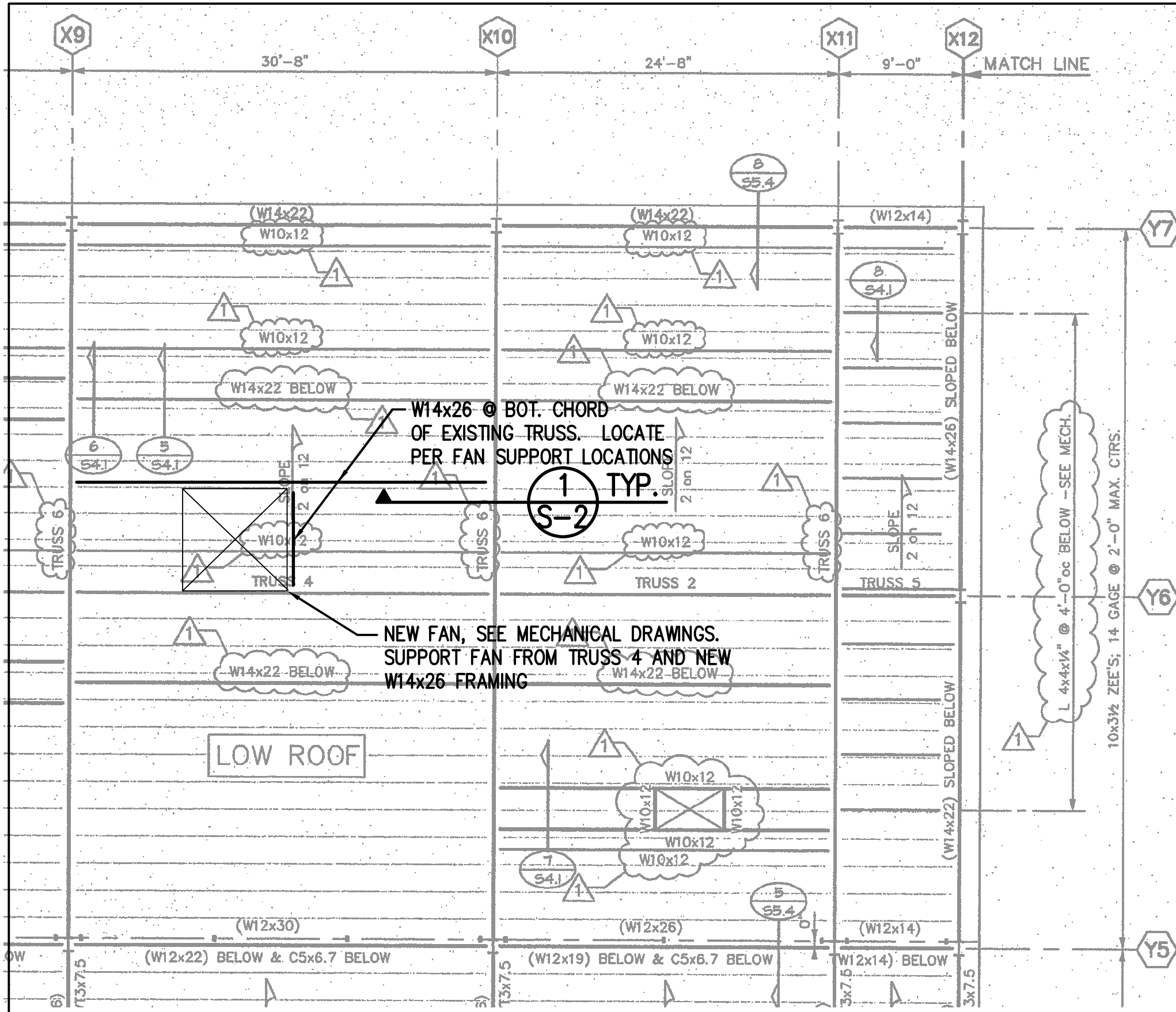


PHOTOGRAPH - E



PHOTOGRAPH - F

11" x 17" page size



EXISTING ROOF FRAMING AND NEW HVAC FAN SUPPORT

1/8"=1'-0"

NOTES:

1. VERIFY ALL INFORMATION ON THIS PAGE WITH EXISTING CONDITIONS. NOTIFY THE ENGINEER AND ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
2. CONTRACTOR SHALL COORDINATE ALL CONNECTIONS OF THE FAN TO THE PROVIDED STEEL FRAMING. LAYOUT AND DIMENSIONS SHALL BE COORDINATED WITH FAN MANUF.



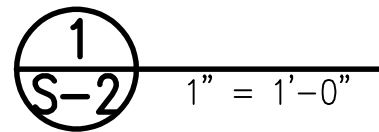
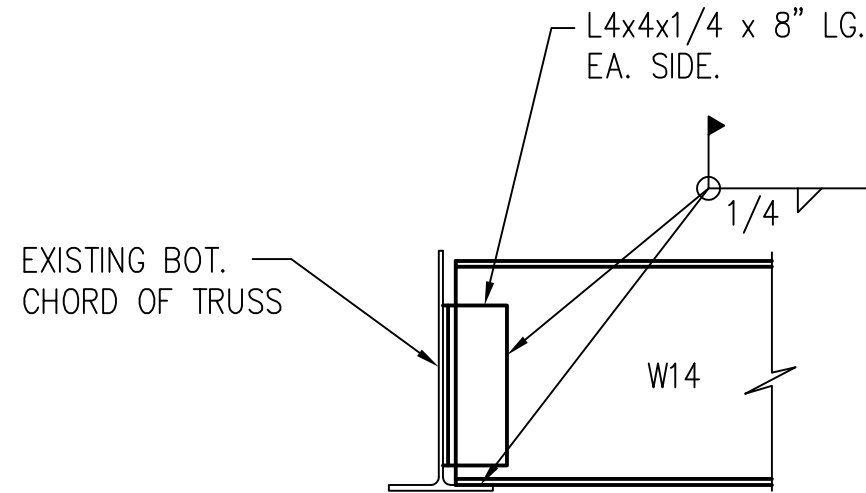
PROJECT NO. 19103
DATE: 2-19-2020

DWG. NO.
S-1

**2020 CAREER-TECHNICAL BUILDING
PH II WELDING SHOP HVAC RENOVATIONS
HINDS COMMUNITY COLLEGE**

11" x 17" page size

GENERAL NOTES



1. STRUCTURAL STEEL:
 - A. W-SHAPE SHALL CONFORM TO ASTM A992 (GRADE 50).
 - B. ANGLE, CHANNELS SHALL CONFORM TO ASTM A36.
 - C. SQUARE HOLLOW TUBES SHALL CONFORM TO ASTM A500 GRADE B.
 - D. ROUND HOLLOW SECTIONS SHALL CONFORM TO ASTM A501 OR ASTM A53.
2. ALL CONNECTIONS FOR STRUCTURAL STEEL SHALL BE SUFFICIENT TO FULLY DEVELOP THE CONNECTED MEMBERS.
3. BOLTS FOR STRUCTURAL STEEL SHALL BE ASTM A-325 HIGH STRENGTH BOLTS.
4. ALL WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS.
5. SUBMIT COMPLETE SHOP DRAWINGS TO ENGINEER FOR APPROVAL. DRAWINGS SHALL INDICATE PROFILES, SIZES, SPACING, LOCATION OF STRUCTURAL MEMBERS, CONNECTIONS, ATTACHMENTS, FASTENERS, CAMBER AND WELDS.



**2020 CAREER-TECHNICAL BUILDING
 PH II WELDING SHOP HVAC RENOVATIONS
 HINDS COMMUNITY COLLEGE**

Dean and Dean / Associates
 architects
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PROJECT NO. 19103	DWG. NO.
DATE: 2-19-2020	S-2

ELECTRICAL LEGEND

GENERAL NOTES	CONDUIT AND WIRING																											
<ol style="list-style-type: none"> ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED. DEVICES NOTED AS "GF" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE. DEVICES NOTED AS "DL" SHALL BE RATED FOR DAMP LOCATION. DEVICES NOTED AS "NL" SHALL BE NIGHT LIGHTS. PROVIDE UNSWITCHED POWER TO FIXTURE. DEVICES NOTED AS "WG" SHALL BE PROVIDED AND INSTALLED WITH A WIRE GUARD. DEVICES NOTED AS "TR" SHALL BE TAMPER RESISTANT. PROVIDE UNSWITCHED POWER TO EMERGENCY BATTERY PACKS. 	<p>CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TEXT SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.</p> <p>CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).</p> <p>CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.</p>																											
<p>SWITCHES</p> <p>☐ SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>☐ DOUBLE-POLE, SINGLE-THROW, 30 AMP SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>☐ HORSEPOWER RATED SWITCH WITH THERMAL OVERLOADS (MANUAL MOTOR STARTER).</p>	<p>VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS</p> <table border="1"> <thead> <tr> <th>Voltage</th> <th>Circuit Length</th> <th>Conductor Size (AWG)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>< 50'</td> <td>#12</td> </tr> <tr> <td>120</td> <td>> 50'</td> <td>#10</td> </tr> <tr> <td>120</td> <td>> 90'</td> <td>#8</td> </tr> <tr> <td>120</td> <td>> 140'</td> <td>#6</td> </tr> <tr> <td>277</td> <td>< 130'</td> <td>#12</td> </tr> <tr> <td>277</td> <td>> 130'</td> <td>#10</td> </tr> <tr> <td>277</td> <td>> 200'</td> <td>#8</td> </tr> <tr> <td>277</td> <td>> 330'</td> <td>#6</td> </tr> </tbody> </table> <p>VOLTAGE DROP CHART NOTES:</p> <ol style="list-style-type: none"> CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED. DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE. FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES. 	Voltage	Circuit Length	Conductor Size (AWG)	120	< 50'	#12	120	> 50'	#10	120	> 90'	#8	120	> 140'	#6	277	< 130'	#12	277	> 130'	#10	277	> 200'	#8	277	> 330'	#6
Voltage	Circuit Length	Conductor Size (AWG)																										
120	< 50'	#12																										
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277	< 130'	#12																										
277	> 130'	#10																										
277	> 200'	#8																										
277	> 330'	#6																										
<p>MISCELLANEOUS</p> <p>☐ CONTACTOR.</p> <p>☐ PHOTOCELL.</p> <p>☐ CEILING MOUNTED JUNCTION BOX.</p> <p>☐ WALL MOUNTED JUNCTION BOX.</p> <p>~ FLEXIBLE CONNECTION TO EQUIPMENT.</p>																												
<p>RECEPTACLES</p> <p>☐ DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p>																												
<p>GEAR</p> <p>☐ FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE; F-(RATING OF FUSES).</p> <p>☐ NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.</p> <p>☐ PANELBOARD.</p> <p>☐ LOCAL DISCONNECT SWITCH PROVIDED WITH EQUIPMENT.</p>																												

GENERAL DEMOLITION NOTES

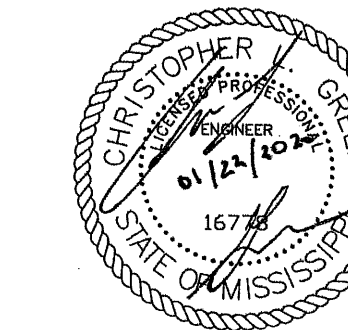
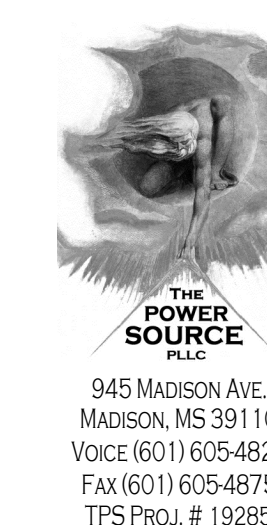
MARK	Description
ETR	EXISTING DEVICE TO REMAIN.
ERL	EXISTING DEVICE TO BE RELOCATED. SEE NEW LIGHTING/POWER PLANS FOR NEW LOCATIONS OF RELOCATED DEVICES.
X	EXISTING DEVICE TO BE DEMOLISHED IN ITS ENTIRETY. IF THE DEVICE IS ON A DEDICATED CIRCUIT, THE CIRCUITRY SHALL BE DEMOLISHED BACK TO THE PANEL AND THE BREAKER LABELED AS "SPARE".
A.	THE CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, AND/OR LOCAL CODES. IF A DISCREPANCY BETWEEN CODES OCCURS, THE MOST STRINGENT SHALL PREVAIL.
B.	THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. SHOULD DISCREPANCIES BE DISCOVERED, THE CONTRACTOR SHALL VERIFY INTENT WITH THE ENGINEER BEFORE PROCEEDING.
C.	THE ELECTRICAL DEMOLITION DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE PROVIDED TO CONVEY THE GENERAL SCOPE OF WORK. ELECTRICAL INFORMATION SHOWN WAS TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEY DATA. ALL EXISTING DEVICES SHALL BE FIELD VERIFIED PRIOR TO BEGINNING WORK OR SUBMITTING PRICES.
D.	PRIOR TO BEGINNING WORK, THE ELECTRICAL CONTRACTOR SHALL TRACE ALL EXISTING CIRCUITS AND DOCUMENT ALL EQUIPMENT, RECEPTACLES, ETC. THAT ARE NOT OPERATIONAL. ALL UNUSED BREAKERS SHALL BE LABELED AS SPARE AND TURNED OFF. IT IS THE INTENT OF THESE DRAWINGS, THAT ALL EXISTING AND NEW EQUIPMENT BE FULLY OPERATIONAL AFTER CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL DEVISE A PLAN ON REPLACING THE EXISTING ELECTRICAL SERVICE AND RE-FEEDING ALL EXISTING ELECTRICAL EQUIPMENT. THE NEW PANELBOARDS AND QUANTITIES OF CIRCUIT BREAKERS SHALL BE ADJUSTED ACCORDINGLY.
E.	COORDINATE LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION.
F.	EXISTING OUTLET BOXES IN EXISTING WALLS MAY BE REUSED WHERE NEW DEVICES ARE SHOWN IN THEM.
G.	DEMOLISH ALL UNUSED TELEPHONE AND DATA CABLEING FROM ABOVE CEILING IN AREA OF WORK.
H.	THE OWNER SHALL BE GIVEN THE FIRST RIGHT OF REFUSAL FOR EQUIPMENT BEING REMOVED. FOR EQUIPMENT THAT THE OWNER WISHES TO RETAIN, STORE THEM IN THE LOCATION DESIGNATED BY THE OWNER. ALL OTHER FIXTURES SHALL BECOME THE PROPERTY OF THE CONTRACTOR, WHO SHALL BE RESPONSIBLE FOR THEIR DISPOSAL.
I.	PROVIDE OWNER WITH A COMPLETE SET OF AS-BUILT DRAWINGS INDICATING CIRCUIT NUMBERS, CIRCUITRY, AND PANELBOARD ORIGIN - INCLUDING INFORMATION FOR ALL DEVICES THAT ARE EXISTING TO REMAIN.
J.	PROVIDE NEW TYPED CIRCUIT DIRECTORIES FOR ALL PANELS FEEDING DEVICES IN RENOVATED AREAS. INCLUDE ALL CIRCUITS CONTAINED IN THESE PANELS ON THE DIRECTORIES.
K.	DEMOLISH ALL EXISTING DEVICES UNLESS NOTED OTHERWISE. BOXES FLUSH MOUNTED IN WALLS MAY BE REUSED TO THE EXTENT PRACTICAL WHERE NEW DEVICES ARE SHOWN IN THOSE LOCATIONS. WHERE NEW DEVICES ARE NOT BEING INSTALLED IN EXISTING LOCATIONS, PATCH WALL SURFACES TO MATCH ADJACENT FINISHES.

KEYED NOTES

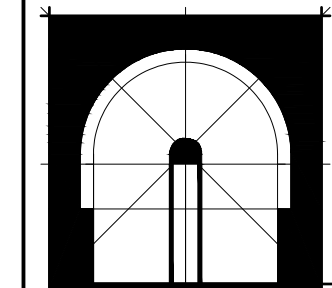
Mark	Description
①	EXISTING MAKE UP AIR UNIT DISCONNECT & CONTROL PANEL TO BE DEMOLISHED IN THEIR ENTIRETY. REUSE THE EXISTING FEEDER FOR NEW MAU-2.
②	DEMOLISH EXISTING LIGHT FIXTURE AND REPLACE WITH A NEW LIGHT FIXTURE "A". SEE RENOVATION PLAN AND LIGHT FIXTURE SCHEDULE FOR MOUNTING HEIGHTS AND LOCATIONS.
③	DEMOLISH EXISTING LIGHT FIXTURE AND REPLACE WITH A NEW LIGHT FIXTURE "B". SEE RENOVATION PLAN AND LIGHT FIXTURE SCHEDULE FOR MOUNTING HEIGHTS AND LOCATIONS.

LIGHTING FIXTURE SCHEDULE

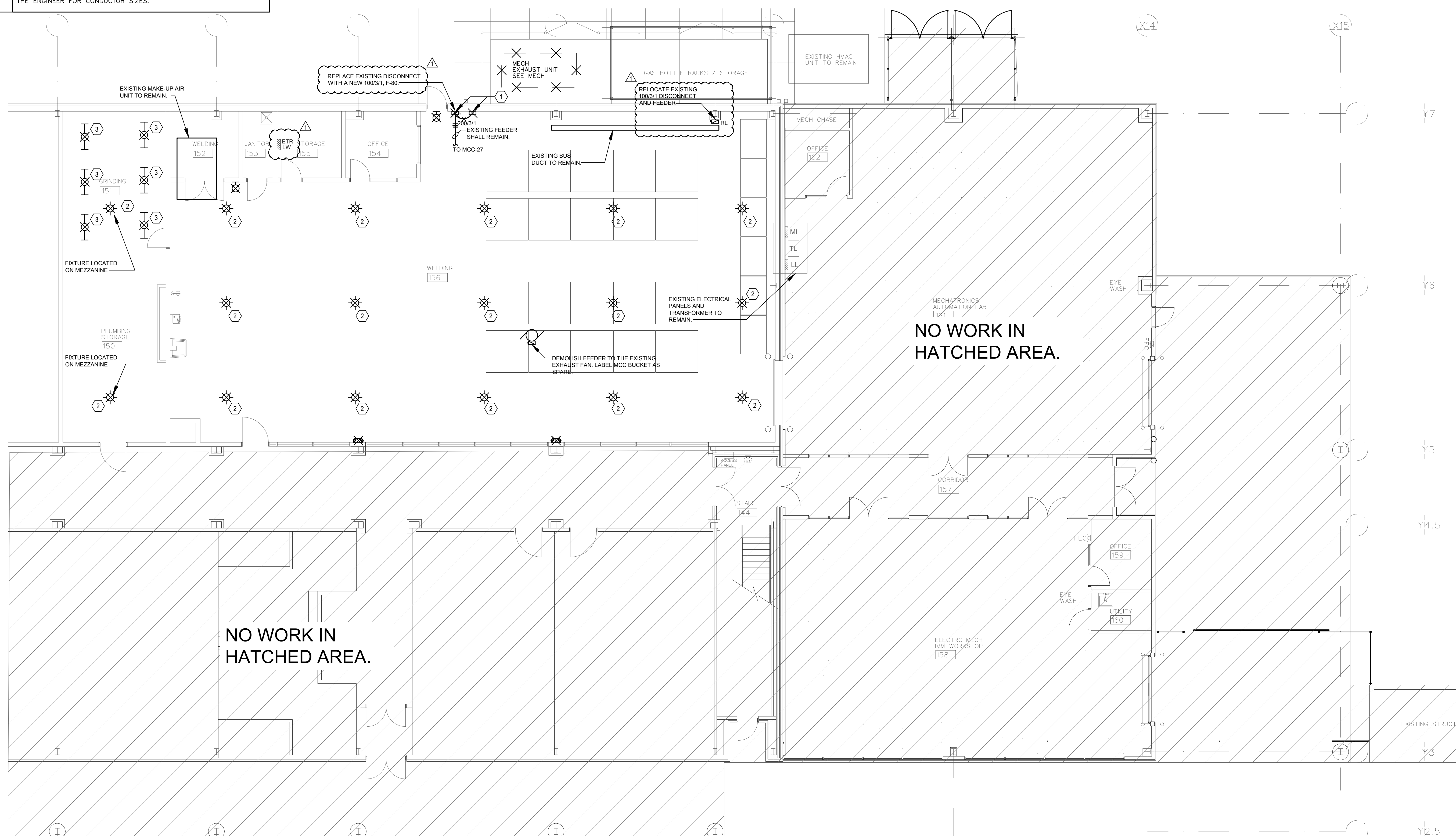
TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	JEBL-12L-40K-80CRI-WH	LED, 92W 13,190 LUMENS	SUSPENDED	VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT. PROVIDE AIRCRAFT CABLE AS REQUIRED.
B	LITHONIA	FEM-L48-4000LM-LPAFL-MD	LED, 31W 4,019 LUMENS	SURFACE	
C	KENALL	MS48-PP-T-4SL40K-DCC	LED, 45W 3,913 LUMENS	SURFACE	WITH 45 DEGREE MOUNTING BRACKET.
EM	LITHONIA	ELM4	LED	WALL	WITH EMERGENCY BATTERY PACK.
XEM	LITHONIA	LHOM LED-R	LED	WALL	WITH EMERGENCY BATTERY PACK.



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1
E000 ELECTRICAL DEMOLITION PLAN
Scale: 1/8" = 1'-0"

ADDENDUM #1 - 2020-02-19

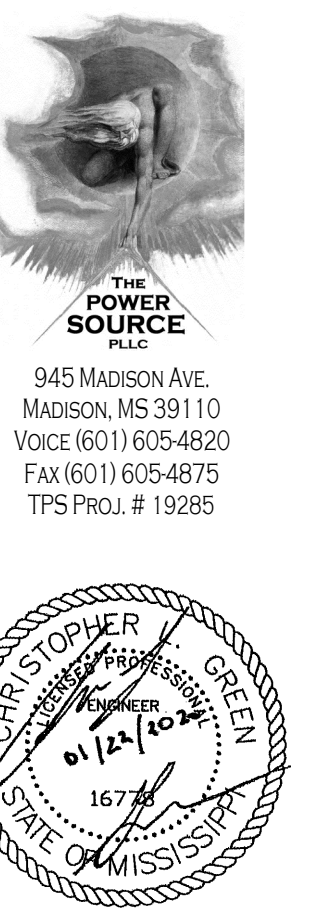
Project No: 19103 Revisions:
Date: JAN 22 2020
Drawn: HBS
Checked: CLG

2020 CAREER-TECHNICAL BUILDING
PH II WELDING SHOP HVAC RENOVATIONS
(HINDS BID # 31881) (Greenfield Road) (Rankin Campus)
HINDS COMMUNITY COLLEGE (Community College Board)
PEARL, MISSISSIPPI

Sheet Number :
E000

GENERAL NOTES	
Mark	Description
A	VERIFY EXISTING LOAD ON ALL EXISTING CIRCUITS PRIOR TO CONNECTING ANY ADDITIONAL LOAD. IF SUFFICIENT EXISTING POWER IS NOT AVAILABLE, EXTEND A NEW CIRCUIT TO THE NEAREST APPROPRIATE PANEL.

KEYED NOTES	
Mark	Description
1	WELDING VENTILATION CONTROLLER PROVIDED BY MECHANICAL CONTRACTOR.
2	THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 70/3 BUS PLUG IN EXISTING 480V BUS DUCT TO FEED NEW EF-1. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
3	120V PROVISIONS FOR MOTORIZED DAMPERS. VERIFY EXACT LOCATIONS AND REQUIREMENTS PRIOR TO INSTALLATION. FEED MOTORIZED DAMPER FROM EXISTING PANEL "LL".
4	MOTOR STARTER PROVIDED BY THE MECHANICAL CONTRACTOR, INSTALLED THE ELECTRICAL CONTRACTOR. COORDINATE THE LOCATION WITH THE OWNER PRIOR TO INSTALLATION.
5	CONNECT NEW LIGHT FIXTURE TO THE EXISTING LIGHTING CIRCUIT. VERIFY THE VOLTAGE OF THE EXISTING LIGHTING CIRCUIT PRIOR TO INSTALLATION.
6	CONNECT NEW LIGHT FIXTURE TO THE EXISTING LIGHTING CIRCUIT. PRIOR TO INSTALLATION VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT. VERIFY THE VOLTAGE OF THE EXISTING LIGHTING CIRCUIT PRIOR TO INSTALLATION.
7	ROUTE TO SPARE 20" BREAKER IN EXISTING PANEL "LL".
8	PROVIDE A 25, 4 CONDUCTOR, 90° C, #6 AWG PIGTAIL. COORDINATE RECEPTACLE TYPE WITH OWNER FURNISHED PLASMA CUTTER.



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0 1 2 3 4 8 16
1/8" = 1'-0" GRAPHIC SCALE

0 1 2 3 4 8
1/4" = 1'-0" GRAPHIC SCALE

0 1 2 3 4 8
1/2" = 1'-0" GRAPHIC SCALE

0 1 2 3 4 8
3/4" = 1'-0" GRAPHIC SCALE

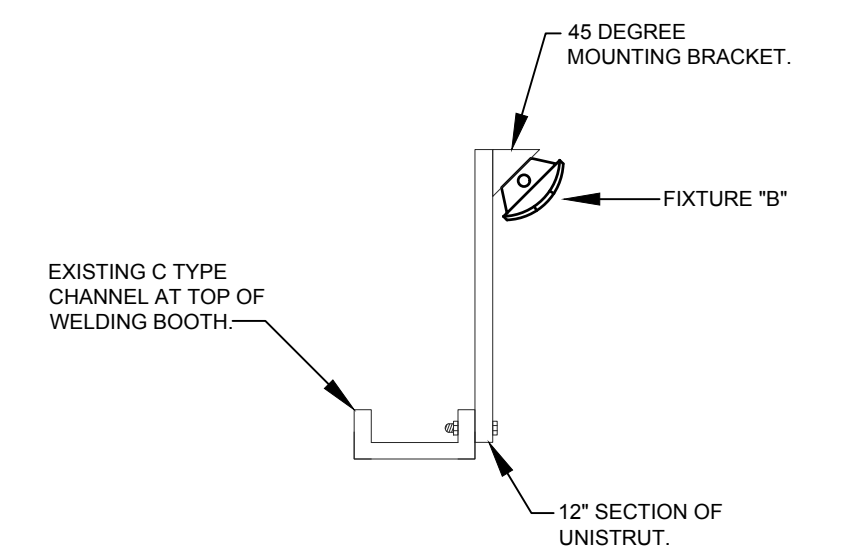
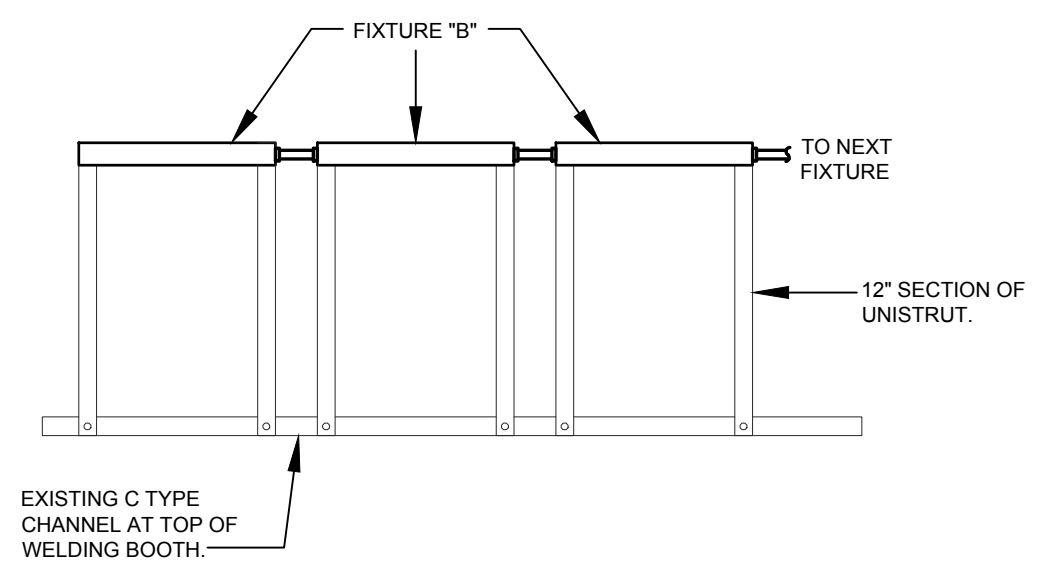
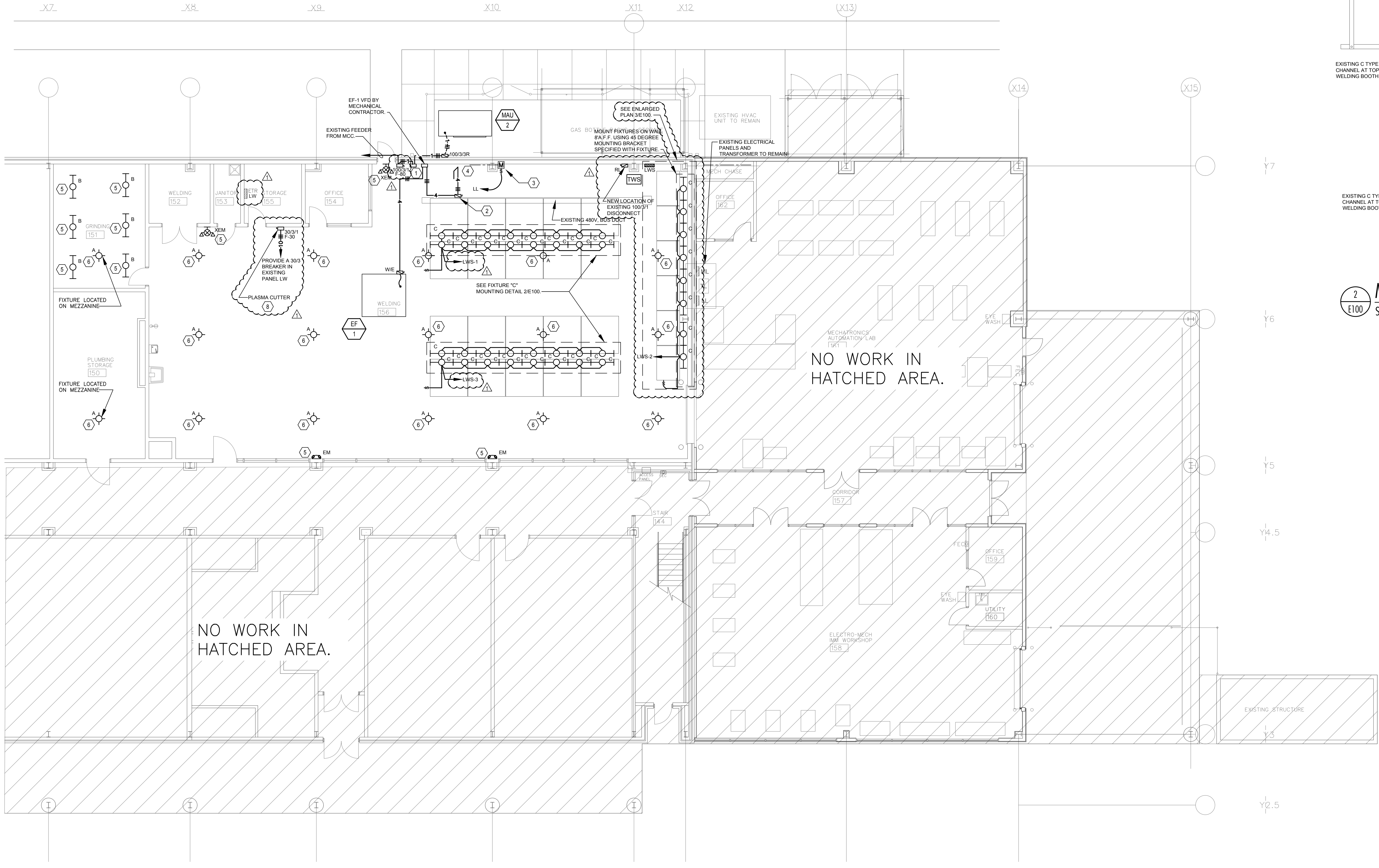
0 1 2 3 4 8
1" = 1'-0" GRAPHIC SCALE

0 1 2 3 4 8
1 1/2" = 1'-0" GRAPHIC SCALE

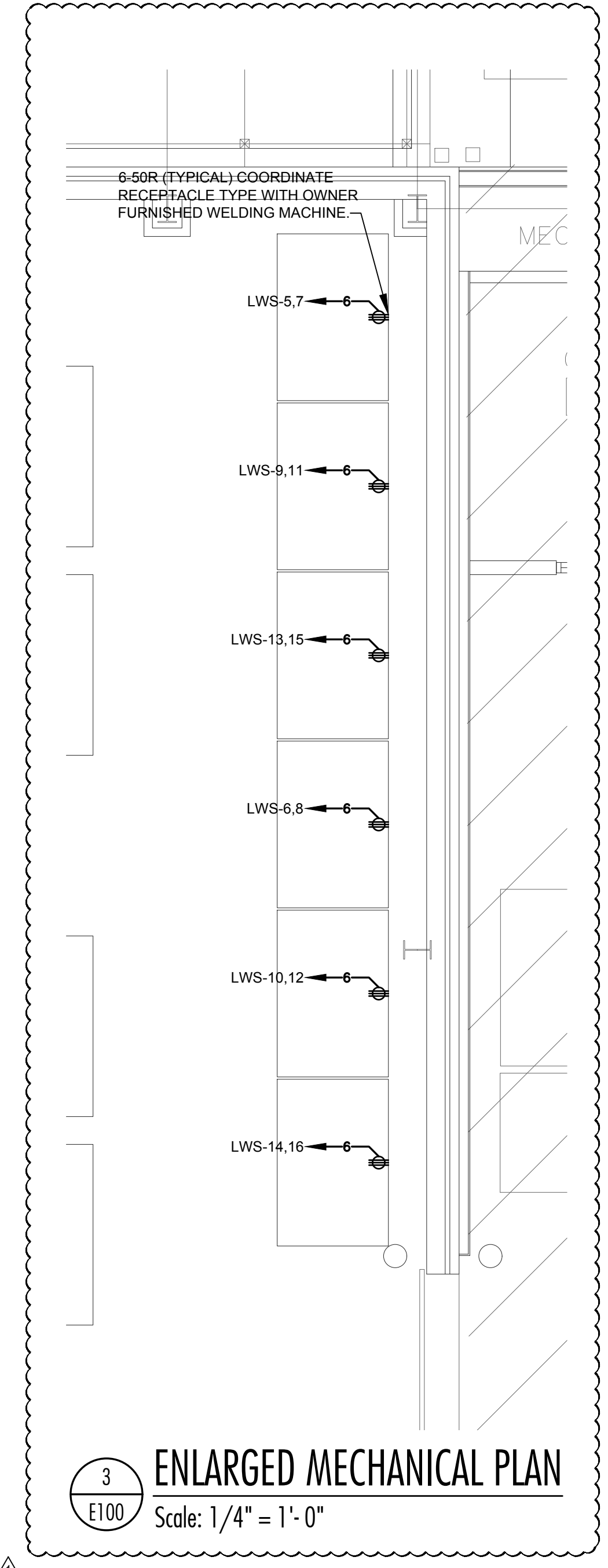
0 1 2 3 4 8
2" = 1'-0" GRAPHIC SCALE

0 1 2 3 4 8
3" = 1'-0" GRAPHIC SCALE

0 1 2 3 4 8
6" = 1'-0" GRAPHIC SCALE



2 MOUNTING DETAIL - FIXTURE "C"
Scale: NONE



3 ENLARGED MECHANICAL PLAN
Scale: 1/4" = 1'-0"

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Sheet Number : E100