

ADDENDUM NO. 2

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Replace Roofs & Renovate Exterior, Multiple Assets
Missouri State Fairgrounds
Sedalia, Missouri
PROJECT NO. F1906-01**

Bid Opening Date is: 1:30 PM, Thursday, September 26, 2019.

Bidders are hereby informed that the Construction Plans and/or Specifications are modified as follows:

Revised Bid Form and Unit Prices Form are attached. Bidders must use the forms marked *REVISED PER ADDENDUM No. 2* to bid this project.

SPECIFICATION CHANGES:

1. Section 011000 – Summary of Work
 - a. Most events listed in the Horse Stall Rental Schedules will not occupy all buildings. Owner will coordinate with GC on work progress and as much as possible attempt to schedule events in barns where no work is taking place.
 - b. As a change to the Owners Occupancy timeline, replace paragraph 1.4-B-2. "Horse Stall Rental Schedule for 2020" with the following:

Event Name	Move In	Event Date	Move Out
NFPB	2/13/2020	2/14-15/20, 2/21-22/20	2/23/2020
Boone Country Draft Horse/Mule	3/9/2020	3/11-3/14/20	3/15/2020
KCRFTHA	3/26/2020	3/27-3/28/20	3/29/2020
Golden Circle	4/3/2020	4/4/2020	4/5/2020
Golden Circle Alternate	4/17/2020	4/18/2020	4/19/2020
MO-KAN Border Bonanza	4/21/2020	4/24-4/26/20	4/27/2020
MO Ranch Horse	4/30/2020	5/1-5/3/20	5/4/2020
MO Ponies of America	5/21/2020	5/22-5/24/20	5/24/2020
Palomino Exhibitors of MO OR Golden Circle	6/4/2020	6/5-6/7/20	6/8/2020
Pettis County 4H Horse Show	6/19/2020	6/20/2019	6/21/2019
Midwest Stud Ram	6/19/2020	6/22-6/27/20	6/28/2020
Golden Circle	7/3/2020	7/4-7/5/20	7/6/2020
MO Paint Horse	7/10/2020	7/11-7/12/20	7/13/2020

2. Section 012200 – Unit Prices
 - a. See revised Section 012200, attached in its entirety.

3. Section 012300 – Alternates
 - a. Structural support and reinforcing for high volume low speed fans will be included in the base bid. Revise paragraph 3.1-C as follows:
 - i. Alternate No. 3: Add 8 large fans as specified at locations indicated in drawings. Work will include fan installation, and electrical and structural connections to items provided in base bid. No additional time will be allocated for this alternate.
4. Section 013100 – Coordination
 - a. GC shall coordinate with Owner two (2) weeks prior to needing horse stalls removed. Owner will remove and reinstall horse stalls as required. Stalls shall only be removed in primary areas of work, along walls, around columns, etc. Entire buildings will not be emptied of stalls.
5. Section 075423 – Single Ply Membrane Roofing (TPO)
 - a. Revise Paragraph 1.3-D-2 as follows:
 - i. Wind Velocity up to 115 mph at ground speed used in uplift calculations.
 - b. Revise Paragraph 2.4-C as follows:
 - i. Isogard HD by Firestone is an approved cover board.
 - c. Revise Paragraph 3.4-F-1 as follows:
 - i. Fasten insulation according to requirements in FM approvals for specified Windstorm Resistance Classification.
6. Section 085113 – Aluminum Windows
 - a. Revise Paragraph 2.04-M-1 to the following:
 - i. Provide internal muntin grids as shown on architectural drawings.
7. Section 089119 – Fixed Louvers
 - a. Revise Paragraph 2.2-A-1 as follows:
 - i. Greenheck Louver, Model ESD435X is an approved equal.
8. Section 233439 – High-Volume, Low-Speed Fans
 - a. Revise Paragraph 2.3-1 as follows:
 - i. Greenheck Fans, Model DS6 is an approved equal.

DRAWING CHANGES:

1. Sheet D-121
 - a. Revise demolition note 3 as follows:
 - i. Demo existing standing seam metal roof, metal roof risers, and coal tar and gravel roof down to existing deck, typ.
2. Sheet S-101
 - a. See attached drawings AD2.2 / STRUCTURAL REINFORCING DETAIL CAULFIELD BLDG, AD2.3 / STRUCTURAL REINFORCING DETAIL CAULFIELD BLDG, / LIGHT HORSE and AD2.4 / STRUCTURAL REINFORCING DETAILS CAULFIELD BLDG, / LIGHT HORSE for structural details in relation to the addition of structural reinforcing for the high volume low speed fans in the Caulfield Bldg. / Light Horse. Structural additions shall be in the base bid. Structural additions for the Heavy Horse and Light Horse buildings are not changed.

- b. See the following clarifications:
 - i. 7/S-101 – COLUMN REINFORCING DETAIL 1, occurs in 4 locations.
 - ii. 9/S-101 – COLUMN REINFORCING DETAIL 2, occurs in 2 locations
 - iii. 10/S-101 – COLUMN REINFORCING DETAIL 3, shall extend up 2'-6" a.f.f. typ.
- 3. Sheet A-110, A-111, A-112, A-113
 - a. W12x14 beams to support high volume low speed fans, span continuously from structure to structure and do not stop short.
- 4. Sheet A-123
 - a. See attached drawing AD2.0 / REVISED CAULFIELD BLDG. / LIGHT HORSE ROOF PLAN for changes to the cricket slopes.
- 5. Sheet A-201
 - a. 1/A-201 – East Elevation, See attached drawing AD2.12 / ADDITION OF WINDOW E, for the addition of two windows, changed from sheathing and break metal.
 - b. 3/A-201 – North Elevation windows are type A windows. Verify all dimensions in field.
- 6. Sheet A-401
 - a. GC may construct continuous crickets at roof joins, shown on 1/A-401 – WALL / ROOF DETAIL 1 and 2/A-401 – WALL / ROOF DETAIL 2 drawn as 2x4 framed crickets and referenced from sheets A-122, A-123, & A-124 as EPS foam w/ specified cover board.
- 7. Sheet A-402
 - a. See attached drawing AD2.1 / ALTERNATE CAULFIELD BLDG. / LIGHT HORSE CLERESTORY DETAIL for an alternate detail to 2/A-402 – CLERESTORY WALL DETAIL. It shall be the GC's option to demolish the standing seam metal siding from clerestory wall and replace with sheathing and TPO per attached drawing AD2.1 / ALTERNATE CAULFIELD BLDG. / LIGHT HORSE CLERESTORY DETAIL, in lieu of 2/A-402 – CLERESTORY WALL DETAIL in the construction drawings. The standing seam metal siding shall remain on the brick walls.
- 8. Sheet A-403
 - a. As a change to the construction documents, all underground drain piping will be Schedule 80 PVC. All roof drain piping shall be Schedule 40 PVC.
 - b. As a clarification, GC shall install (4) total bollards. (2) each at each roof drain outflow as indicated on the drawings.
- 9. Sheet EP-102
 - a. See attached drawing AD2.5 for the following changes:
 - i. Added keyed note 10 – reference to existing fiber box to remain.
 - ii. Added keyed note 11 – reference to re-feed of fiber prior to louver replacement.
- 10. Sheet EL-100
 - a. See attached drawing AD2.6 for the following changes:

- i. Remove keyed note 1 from two exterior light fixtures 'B' on the West side. These will be entirely new fixtures, not new fixtures replacing existing as previously noted.

11. Sheet EL-101

- a. See attached drawing AD2.7 for the following changes:
 - i. Remove keyed note 1 from three exterior light fixtures 'B' on the West side. These will be entirely new fixtures, not new fixtures replacing existing as previously noted.

12. Sheet EL-102

- a. See attached drawing AD2.8 for the following changes:
 - i. Exterior light fixtures previously incorrectly tagged as 'C' fixtures. Drawing revised with correct 'B' fixture tag.
 - ii. Remove keyed note 1 from two exterior light fixtures 'B' (formerly 'C') on the West side. These will be entirely new fixtures, not new fixtures replacing existing as previously noted.
- b. See attached drawing AD2.9 for the following changes:
 - i. Exterior light fixtures previously incorrectly tagged as 'C' fixtures. Drawing revised with correct 'B' fixture tag.

13. Sheet ED-100

- a. See attached drawing AD2.10 for the following changes:
 - i. Notes added to 'Power Riser #1' to clarify transformer ownership.
 - ii. Note added to 'Power Riser #1' to clarify new conductors to be installed from private transformer to new weatherhead/ new service conductors.
- b. See attached drawing AD2.11 for the following changes.
 - i. Note added to 'Power Riser #2' to clarify transformer ownership.
 - ii. Note added to 'Power Riser #2' to clarify existing overhead conductors to remain.

GENERAL COMMENTS:

1. Bidders needing additional site inspection should contact Jason Moore at 660-530-5617 to schedule a time.
2. Please contact Mandy Roberson, Contract Specialist, at 573-522-0074 or mandy.roberson@oa.mo.gov for questions about bidding procedures and MBE/WBE/SDVE goals and submittal requirements.
3. The deadline for technical questions was Wednesday, September 18, 2019.
4. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
5. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
6. Current Planholders list available online at: <https://www.adsplanroom.net/jobs/149/details/f1906-01-replace-roofs-rotate-exterior-multiple-assesses-missouri-state-fairgrounds>
7. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.

ATTACHMENTS:

1. Revised Section 004113 – Bid Form (4 pages)
2. Revised Section 004322 – Unit Prices Form (1 page)
3. Revised Section 012200 – Unit Prices (2 pages)
4. Detail Drawings (13 pages)

September 20, 2019

END ADDENDUM NO. 2

NOTE: ALL PAGES OF THIS BID FORM (004113) MUST BE COMPLETED AND SUBMITTED OR THE BID MAY BE REJECTED FOR BEING NON-RESPONSIVE.

STATE OF MISSOURI

Bid Time: 1:30 PM

Bid Date: _____

SECTION 004113 - BID FORM

1.0 BID:

A. From: _____
(Bidder's Name)

herein after called the "**Bidder**".

B. To: Director, Division of Facilities Management, Design and Construction
Room 730, Harry S Truman State Office Building
301 West High Street
Jefferson City, Missouri 65102

herein after called the "**Owner**."

C. For: Replace Roofs & Renovate Exterior, Multiple Assets
Missouri State Fairgrounds
Sedalia, Missouri

D. Project Number: F1906-01

hereinafter called the "**Work**."

E. Documents: The undersigned, having examined and being familiar with the local conditions affecting the work and with the complete set of contract documents, including the Drawings, the Invitation For Bid, Instructions To Bidders, Statement of Bidders Qualifications, General Conditions, Supplement to General Conditions, and the technical specifications, including: addenda number _____ through _____ hereby proposes to perform the Work for the following:

F. Bid Amount: _____
_____ Dollars (\$ _____)

G. Allowances: See Section 012100 for details.

H. Alternates: This project will have 3 Alternates: See section 012300 for details.

Alternate 1: *Remove existing wood window frames and panels and install new aluminum windows as indicated in the construction documents and specifications. No additional time will be allocated for this alternate.*

_____ \$ _____

Alternate 2: *Add 4 gang outlets, and all associated electrical work required, at all locations indicated on the construction documents. No additional time will be allocated for this alternate.*

_____ \$ _____

Alternate 3: *Add 8 large fans as specified at locations indicated in drawings. Work will include fan installation and electrical and structural connections to items provided in the base bid. No additional time will be allocated for this alternate.*

_____ \$ _____

NOTE: ALL PAGES OF THIS BID FORM (004113) MUST BE COMPLETED AND SUBMITTED OR THE BID MAY BE REJECTED FOR BEING NON-RESPONSIVE.

2.0 MBE/WBE/SDVE PERCENTAGE OF PARTICIPATION PROJECT GOALS:

This project's specific goals are: **MBE 10.00%** **WBE 10.00%**, and **SDVE 3.00%**. NOTE: Only MBE/WBE firms certified by a State of Missouri public entity, and SDVE(s) meeting the requirements of Section 34.074, RSMo, and 1 CSR 30-5.010, as of the date of bid opening, can be used to satisfy the MBE/WBE/SDVE participation goals for this project.

3.0 BID BOND

A. Accompanying the bid is: ___ 5% Bid Bond or ___ Cashier's Check/Bank Draft for 5% of base bid that is payable without condition to the Division of Facilities Management, Design and Construction, State of Missouri, as per Article 5 of "Instructions To Bidders".

4.0 CONTRACT COMPLETION TIME AND LIQUIDATED DAMAGES

A. The Bidder agrees to complete the work by the fixed completion date of June 30, 2020. This includes ten (10) working days for document mailing and processing. The Bidder further agrees to pay to, or allow the State as liquidated damages the sum of \$1,000 for each working day thereafter that the entire work is not substantially complete.

5.0 ATTACHMENTS TO BID:

- A. 004322 Unit Prices Form
- 004336 Proposed Subcontractors
- 004337 MBE/WBE/SDVE Compliance Form
- 004338 MBE/WBE/SDVE Joint Venture Form
- 004339 MBE/WBE/SDVE Waiver Form
- 004340 SDVE Business Form
- 004541 Affidavit of Work Authorization

6.0 BIDDER'S CERTIFICATIONS:

- A. The Bidder agrees to pay not less than the hourly rate of wages as determined by the Department of Labor and Industrial Relations, State of Missouri, in accordance with Sections 290.210 to 290.340, RSMo.
- B. The Bidder hereby certifies that this bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm, or corporation, and is not submitted in conformity with any agreement or rules of any group, association or corporation;
That he/she has not directly or indirectly induced or solicited any other bidder to put in a false or sham proposal;
That he/she has not solicited or induced any person, firm or corporation to refrain from submitting a bid;
That he/she has not sought by collusion or otherwise to obtain for him/herself any advantage over any other bidder or over the Owner.
That he/she will not discriminate against any employee or applicant for employment because of race, creed, color or national origin in the performance of the work.
That he/she certifies that he/she has based this proposal upon an official /complete set of contract documents, either obtained from the Owner after Bidder placed himself/herself on the bidders' list or from a secondary source known to the Bidder to have provided a complete and accurate set of contract documents, provided that if Bidder received the contract documents from such a secondary source, any errors or omissions in the contract documents shall be interpreted and construed in favor of the Owner and against the Bidder. This proposal is also based upon the conditions within Article 1.2 of the General Conditions.
That he/she certifies that he/she will comply with the provisions of Sections 285.230-234, RSMo, regarding transient employers.
That he/she has enrolled and is and will continue to participate in a federal work authorization program in accordance with Sections 285.525 and 285.530, RSMo for the duration of this contract.

NOTE: ALL PAGES OF THIS BID FORM (004113) MUST BE COMPLETED AND SUBMITTED OR THE BID MAY BE REJECTED FOR BEING NON-RESPONSIVE.

7.0 CONTACT INFORMATION (mandatory for all bidders):

Sole Proprietorship/General Partnership LLC Limited Partnership Corporation Joint Venture

Business Name: _____

Address: _____

Telephone: _____ Fax Number: _____

Federal ID Number: _____ or Social Security Number: _____

Missouri Business Charter Number: _____ (or provide the proper certificate from the Secretary of State)

Contact Name: _____ Contact email: _____

8.0 SIGNATURES:

FOR SOLE PROPRIETORSHIPS/GENERAL PARTNERSHIPS ONLY:

Sole Proprietor's Name (printed) Name each general partner: _____

Today's Date: _____

I, _____, being the sole proprietor/general partner of (name of business) _____ (and if the name of said business is other than my legal name, having filed a Registration of Fictitious Name with the Missouri Secretary of State in order to allow me to use such name in connection with my business, as provided by Section 417.200, RSMo, et seq.), do hereby submit this bid and agree to be bound unto the State of Missouri as herein provided (if a general partnership, all partners must sign below).

Signature: _____ Signature: _____

Signature: _____ Signature: _____

FOR LIMITED LIABILITY COMPANIES ONLY:

_____ today's date _____ State(s) of organization: _____
Manager's (or Managing Member's) Name (printed)

I, _____, being the Manager (or Managing Member) of (full legal name of limited liability company from Articles of Organization) _____, and being duly authorized to act as herein provided on behalf of said limited liability company, do hereby submit this bid on behalf of said limited liability company and agree that said limited liability company shall be bound unto the State of Missouri as herein provided.

Signature: _____

NOTE: ALL PAGES OF THIS BID FORM (004113) MUST BE COMPLETED AND SUBMITTED OR THE BID MAY BE REJECTED FOR BEING NON-RESPONSIVE.

FOR LIMITED PARTNERSHIPS/LIMITED LIABILITY PARTNERSHIPS/LIMITED LIABILITY LIMITED PARTNERSHIPS ONLY:

_____ today's date: _____ State(s) of organization: _____
General/Managing Partner's Name (printed)

I, _____, being the General Partner/Managing Partner of (full legal name of limited partnership/limited liability partnership/limited liability limited partnership from partnership agreement or Certificate of Limited Partnership) _____, and being duly authorized to act as herein provided on behalf of said limited partnership/limited liability partnership/limited liability limited partnership, do hereby submit this bid on behalf of said limited partnership/limited liability partnership/limited liability limited partnership and agree that said limited partnership/limited liability partnership/limited liability limited partnership shall be bound unto the State of Missouri as herein provided.

Signature: _____

FOR CORPORATIONS ONLY:

President's Name (printed) Secretary's Name (printed) Today's date
State(s) of incorporation: _____

I, _____, being the (officer or title) _____ of (full legal name of corporation, from Articles of Incorporation) _____, and being duly authorized by the Board of Directors of said corporation to act as herein provided on behalf of said corporation, do hereby submit this bid on behalf of said corporation and agree that said corporation shall be bound unto the State of Missouri as herein provided.

Signature: _____ Attested by: _____
President Corporate Secretary

The President should sign as the bidder. If the signator is other than the corporate president, the bidder must provide satisfactory evidence that the signator has the legal authority to bind the corporation.

FOR ASSOCIATIONS/JOINT VENTURES: If multiple business entities/individuals are bidding collectively as an association or joint venture, each business entity/individual bidding as part of the association or joint venture shall sign this bid in the above sections relevant to the form that such business entity or individual does business, and the bidder shall duplicate the necessary number of signature pages so that all members of the association or joint venture shall sign this bid. If a name is adopted for use by the association or joint venture, the association or joint venture shall file a Registration of Fictitious Name with the Missouri Secretary of State in order to use such name in connection with the association or joint venture, as provided by Section 417.200, RSMo, *et seq.*

SECTION 004322 - UNIT PRICES FORM

PROJECT NUMBER F1906-01

1.0 Description

- A. For changing specified quantities of work from those indicated by the contract drawings and specifications, upon written instructions of Owner, the following unit prices shall prevail. The unit prices include all labor, overhead and profit, materials, equipment, appliances, bailing, shoring, shoring removal, etc., to cover the finished work of the several kinds of work called for. Only a single unit price shall be given and it shall apply for either MORE or LESS work than that shown on the drawings and called for in the specifications or included in the Base Bid. In the event of more or less units than so indicated or included during construction the total contract price shall be decreased as appropriate or increased by contract change in accordance with General Conditions Article 4.1.

2.0 Unit Prices:

- A. Unit Price No. 1
 - 1. Description: Additional removal and replacement of the top 5 courses of interior masonry bearing walls.
 - 2. Unit of Measurement: Linear foot
 - 3. Base Bid quantity: 165'-10"
\$ _____ per Linear foot

- B. Unit Price No. 2
 - 1. Description: Structural repair/removal and replacement to the interior masonry bearing walls separating the three buildings, below the top 5 courses.
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 100 square feet
\$ _____ per Square foot

- C. Unit Price No. 3
 - 1. Description: Structural repair to wood structure and 2x6 sheathing per Division 6, Section 061000 - Rough Carpentry and Division 6, Section 061600 – Sheathing, should rot extend beyond the approximate 2'-0" area along the bearing wall as indicated on drawings.
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 500 square feet
\$ _____ per Square foot

- D. Unit Price No. 4
 - 1. Description: Exterior masonry areas to be cleaned according to Division 4, Section 040120 – Maintenance of Unit Masonry
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 3,590 square feet
\$ _____ per Square foot

- E. Unit Price No. 5
 - 1. Description: Additional interior or exterior masonry areas to be tuck-pointed not indicated on the plans according to Division 4, Section 040120 – Maintenance of Unit Masonry
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 1,072 square feet
\$ _____ per Square foot

- F. Unit Price No. 6
 - 1. Description: Demo of coal tar and gravel as indicated on AD2.0
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 16,916 square feet
\$ _____ per Square foot

SECTION 012200 – UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract including General and Supplementary Conditions and other Division 1 Specification Sections apply to this Section.
- B. Quantities of Units to be included in the Base Bid are indicated in Section 004322 – Unit Prices.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for Unit Prices.
- B. Related Sections include the following:
 - 1. Division 1 Section "Allowances" for procedures for using Unit Prices to adjust quantity allowances.
 - 2. Division 1 Section "Contract Modification Procedures" for procedures for submitting and handling Contract Changes.

1.3 DEFINITIONS

- A. Unit Price is an amount proposed by bidders, stated on the Bid Form Attachment 004322 a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit Prices include all necessary material plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of Unit Prices. Methods of measurement and payment for Unit Prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of Work in-place that involves use of established Unit Prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A list of Unit Prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each Unit Price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 LIST OF UNIT PRICES

- A. Unit Price No. 1
 - 1. Description: Removal and replacement of the top 5 courses of interior masonry bearing walls.
 - 2. Unit of Measurement: Linear foot
 - 3. Base Bid quantity: 165'-10"

- B. Unit Price No. 2
 - 1. Description: Structural repair / removal and replacement to the interior masonry bearing walls separating the three buildings, below the top 5 courses.
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 100 square feet

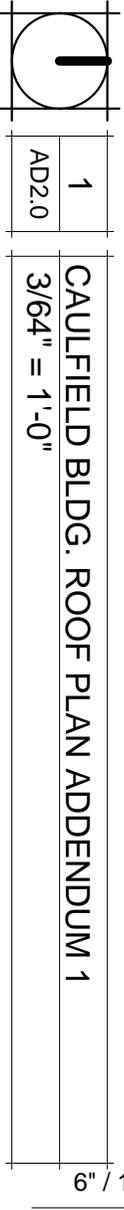
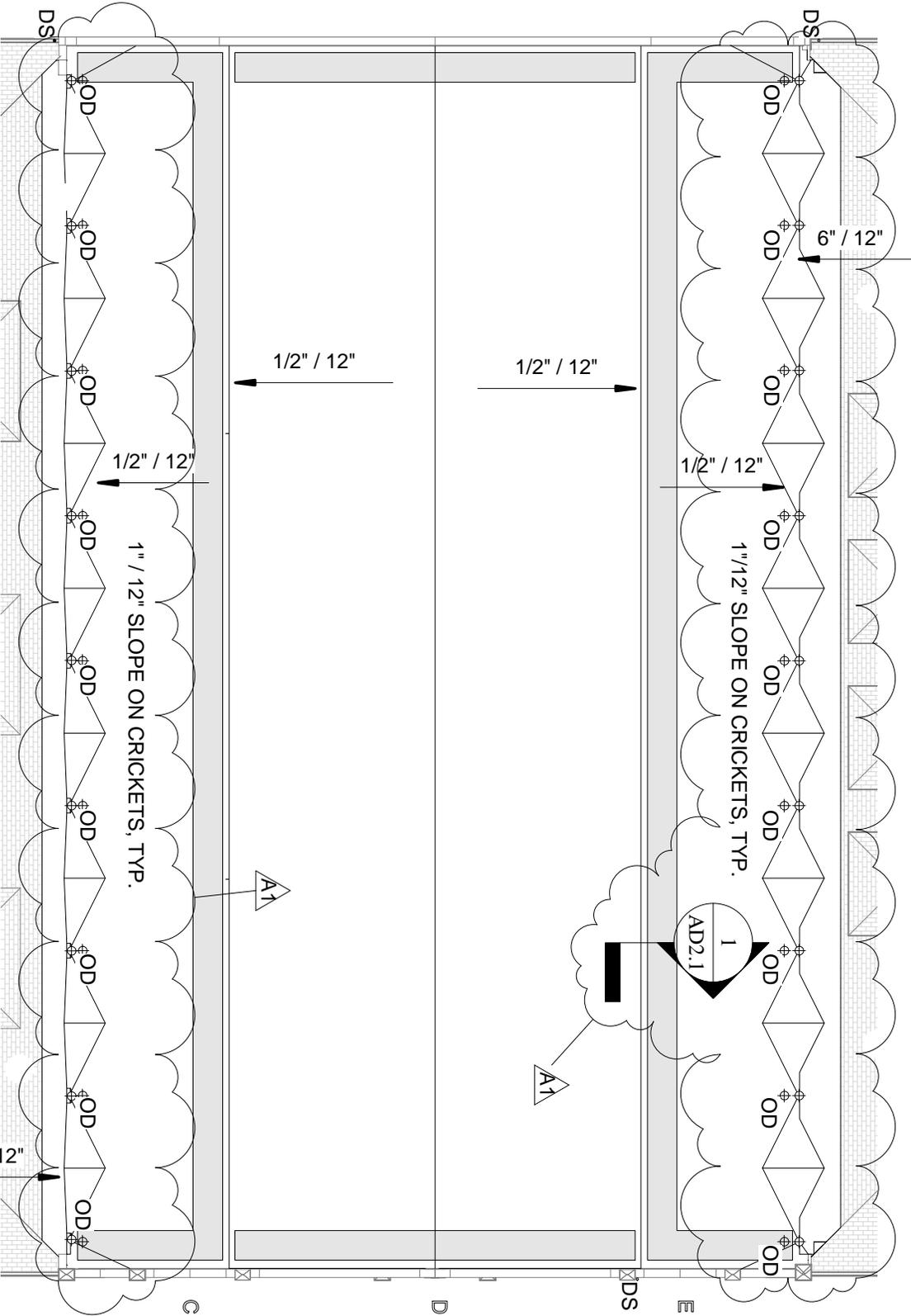
- C. Unit Price No. 3
 - 1. Description: Structural repair to wood structure and 2x6 sheathing per Division 6, Section 061000 - Rough Carpentry and Division 6, Section 061600 – Sheathing, should not extend beyond the approximate 2'-0" area along the bearing wall as indicated on drawings.
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 500 square feet

- D. Unit Price No. 4
 - 1. Description: Exterior masonry areas to be cleaned according to Division 4, Section 040120 – Maintenance of Unit Masonry
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 3,590 square feet

- E. Unit Price No. 5
 - 1. Description: Interior or exterior masonry areas to be tuck-pointed according to Division 4, Section 040120 – Maintenance of Unit Masonry
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 1,072 square feet

- F. Unit Price No. 6
 - 1. Description: Demo of coal tar and gravel as indicated on AD2.0
 - 2. Unit of Measurement: square foot
 - 3. Base Bid Quantity: 16,916 square feet

END OF SECTION 012200



HEAVY HORSE 3511501045
CAULFIELD BLDG. / LIGHT HORSE 3511501042
LIGHT HORSE 3511501041



Robert Rollins
Architects LLC
1806 West Broadway
Seattle, WA 98101
Phone: 660829-9151
Fax: 660-829-9152

OFFICE OF ADMINISTRATION DIVISION
OF FACILITIES MANAGEMENT DESIGN
AND CONSTRUCTION

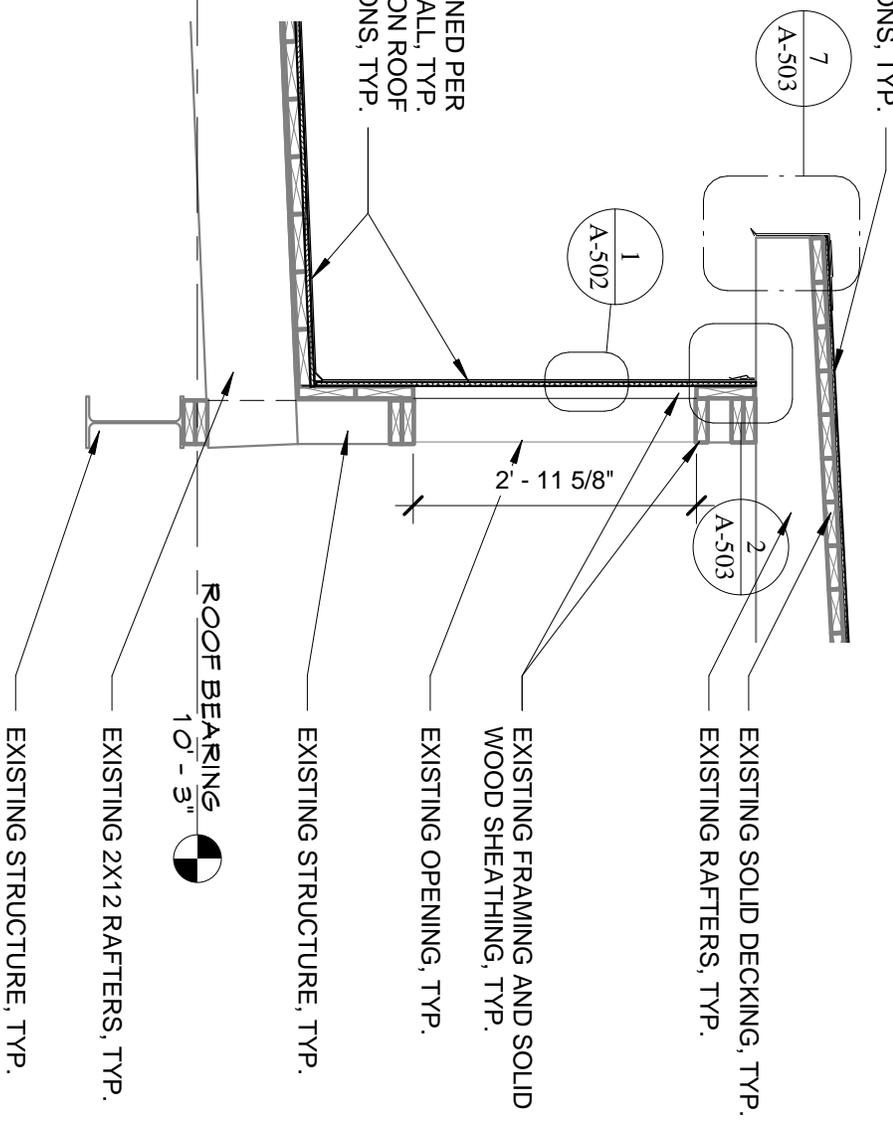
REPLACE ROOFS AND RENOVATE
EXTEIOR, MULTIPLE ASSETS,
MISSOURI STATE FAIRGROUNDS

PROJECT # F1906-01
SITE # 1501
FACILITY #'s
3511501045
3511501041
3511501042

DATE 09/05/19
DRAWN BY

DRAWING NO.
AD2.0
REVISED CAULFIELD
BLDG. / LIGHT HORSE
ROOF PLAN

-1/2" HIGH DENSITY COVER BOARD
FASTENED PER MFR RECOMMENDATIONS
-TPO 60 MIL MEMBRANE FULLY ADHERED
PER MFR RECOMMENDATIONS, TYP.



-1/2" HIGH DENSITY COVER BOARD FASTENED PER
MFR RECOMMENDATIONS ON ROOF AND WALL, TYP.
-TPO 60 MIL MEMBRANE FULLY ADHERED ON ROOF
AND WALL, PER MFR RECOMMENDATIONS, TYP.

1	Section 9
AD2.1	1/2" = 1'-0"

OFFICE OF ADMINISTRATION DIVISION
OF FACILITIES MANAGEMENT DESIGN
AND CONSTRUCTION

REPLACE ROOFS AND RENOVATE
EXTEIROR, MULTIPLE ASSETS,
MISSOURI STATE FAIRGROUNDS



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Seattle, WA 98101
Phone: 6608299151
Fax: 660 829 9152

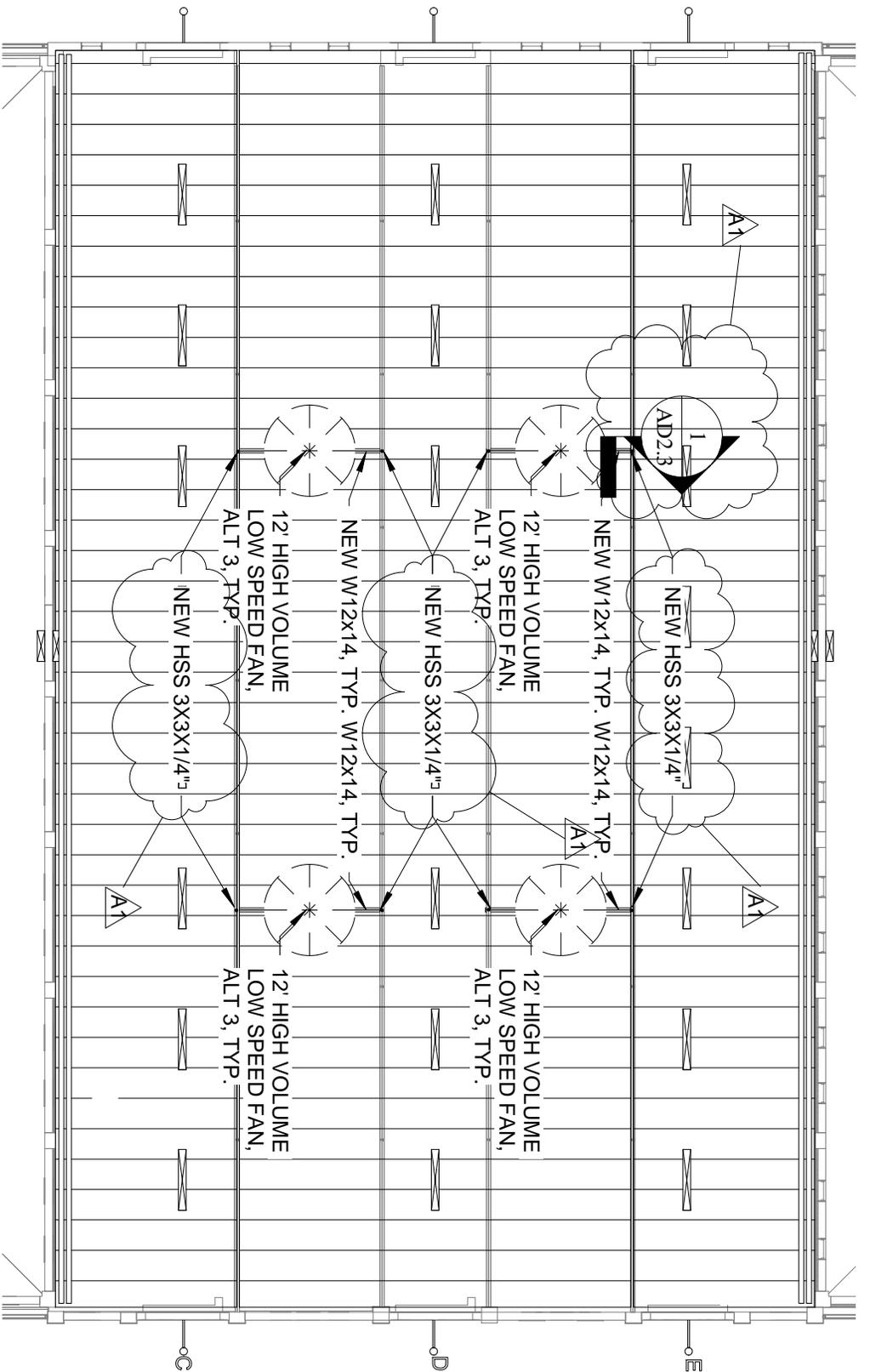
PROJECT # F1906-01
SITE # 1501
FACILITY #'s
3511501045
3511501041
3511501042

DATE
09/09/19

DRAWN BY

DRAWING NO.
AD2.1

ALTERNATE CAULFIELD
BLDG. / LIGHT HORSE
CLERESOTRY DETAIL



HEAVY HORSE 3511501045
CAULFIELD BLDG. / LIGHT HORSE 3511501042
LIGHT HORSE 3511501041



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OF FACILITIES MANAGEMENT DESIGN
AND CONSTRUCTION

REPLACE ROOFS AND RENOVATE
EXTEIOR, MULTIPLE ASSETS,
MISSOURI STATE FAIRGROUNDS

PROJECT #
F1906-01
SITE # 1501
FACILITY #'s

3511501045
3511501041
3511501042

DATE
09/09/19

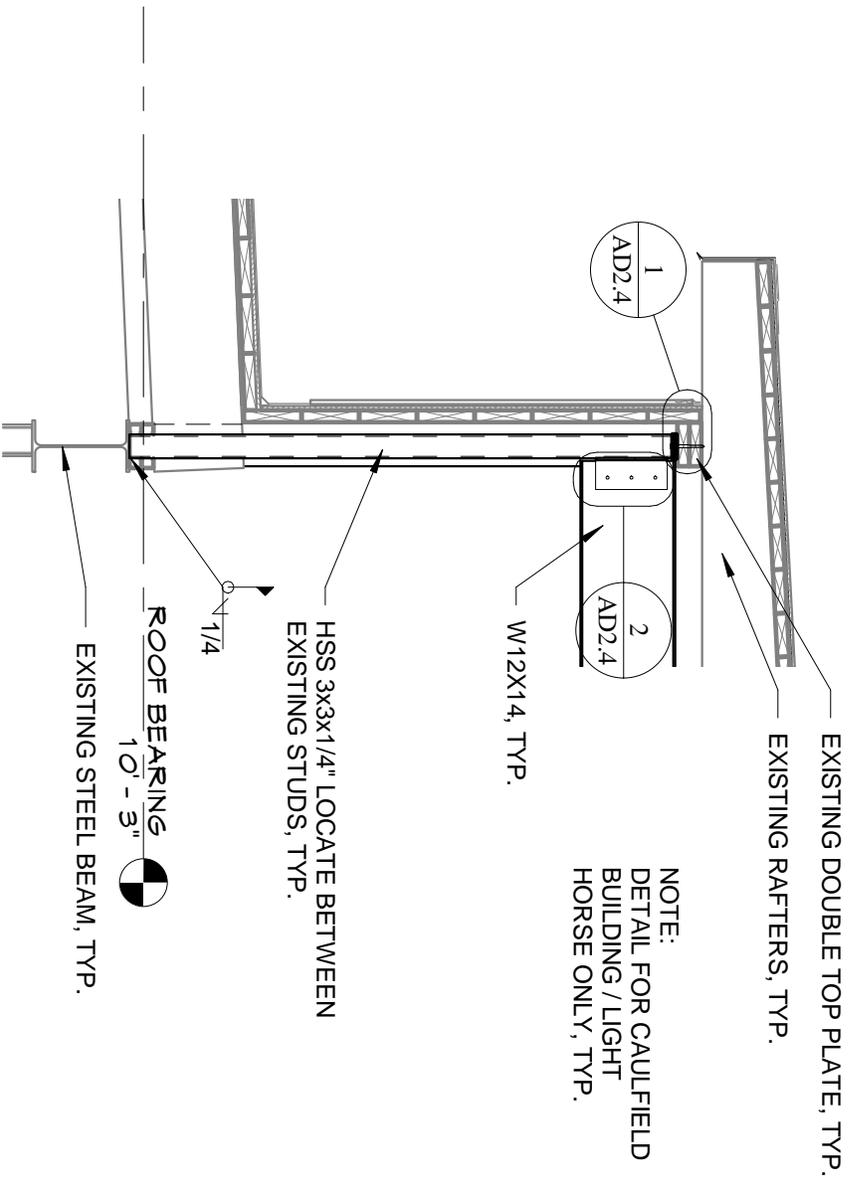
DRAWN BY

DRAWING NO.
AD2.2

STRUCTURAL
REINFORCING AT
CAULFIELD BLDG. / LIGHT
HORSE



Robert Rollins
Architects LLC
1806 West Broadway
Sedalia, MO 65201
Phone: 660.829.9151
Fax: 660.829.9152



1	STRUCTURAL REINFORCING DETAIL
AD2.3	1/2" = 1'-0"

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OF FACILITIES MANAGEMENT DESIGN
AND CONSTRUCTION

REPLACE ROOFS AND RENOVATE
EXTEIROR, MULTIPLE ASSETS,
MISSOURI STATE FAIRGROUNDS



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PROJECT #
F1906-01
SITE # 1501
FACILITY #'s

3511501045
3511501041
3511501042

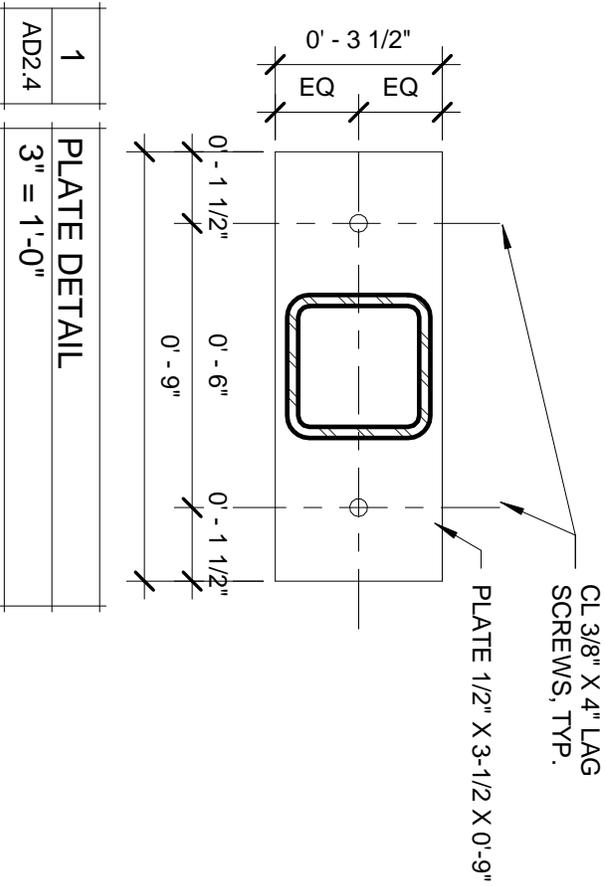
DATE
09/09/19

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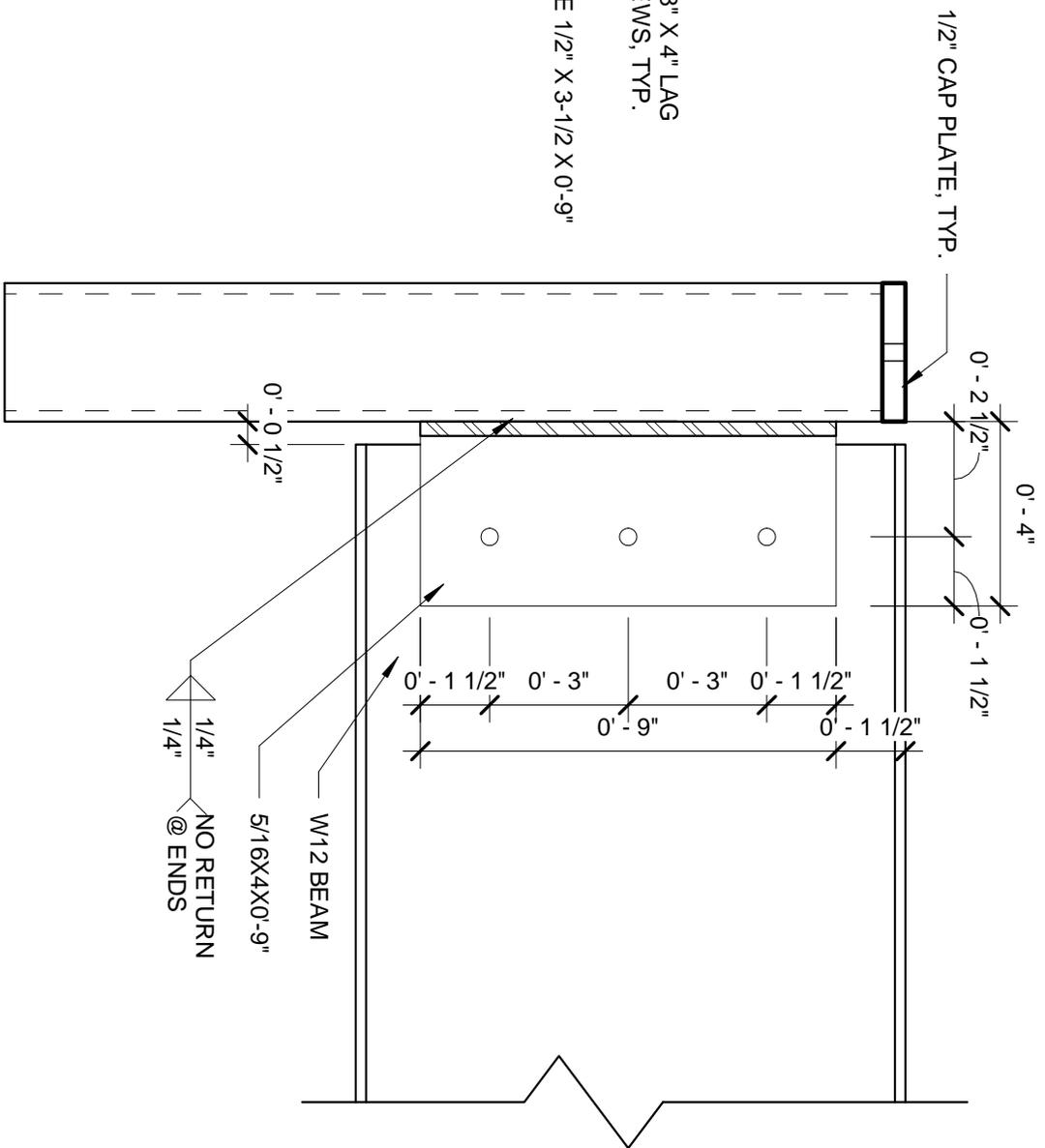
DRAWING NO.

AD2.3

STRUCTURAL
REINFORCING DETAIL
CAULFIELD BLDG, / LIGHT
HORSE



1	PLATE DETAIL
AD2.4	3" = 1'-0"



2	BEAM TO COLUMN DETAIL
AD2.4	3" = 1'-0"



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OF FACILITIES MANAGEMENT DESIGN
AND CONSTRUCTION

REPLACE ROOFS AND RENOVATE
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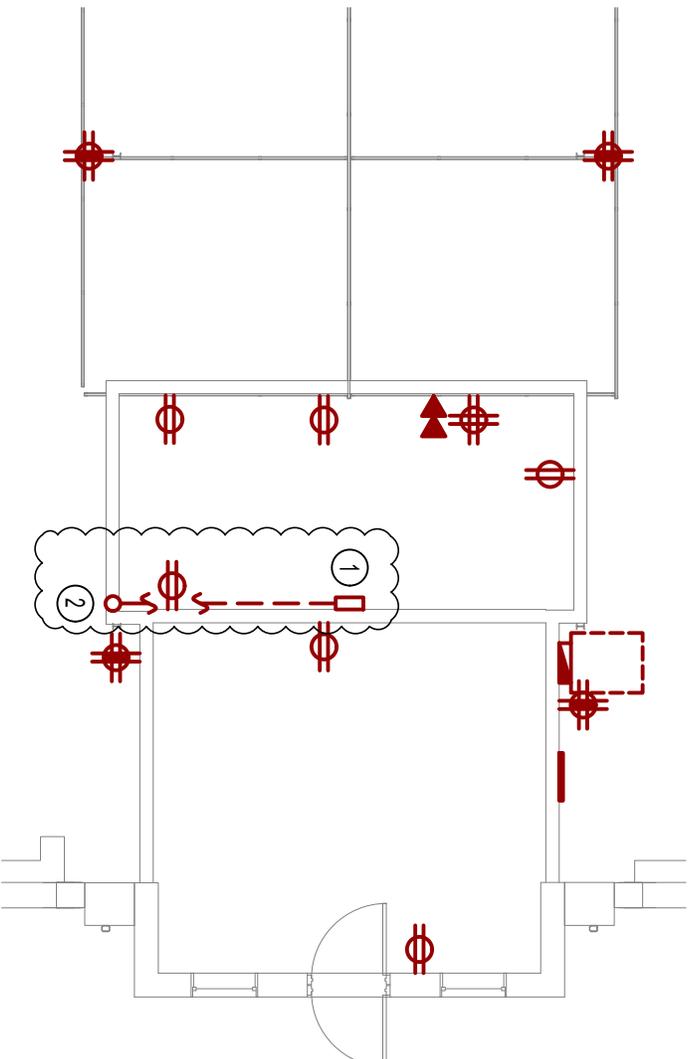
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DRAWING NO.
AD2.4

STRUCTURAL
REINFORCING DETAILS
CAULFIELD BLDG, / LIGHT
HORSE

KEY NOTES

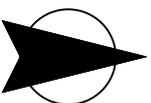
- 1 EXISTING WALL MOUNTED FIBER-OPTIC TERMINATION ENCLOSURE TO REMAIN.
- 2 EXISTING FIBER-OPTIC CABLE ROUTED THROUGH LOUVER. PRIOR TO LOUVER REPLACEMENT, COORDINATE DISCONNECTION & RE-FEED THROUGH NEW CONDUIT & WEATHER-HEAD WITH FIBER PROVIDER.



HEAVY HORSE 3511501045
CAUL FIELD BLDG. / LIGHT HORSE 3511501042
LIGHT HORSE 3511501041

POWER PLAN - LIGHT HORSE - AD 2

SCALE : 1/8" = 1'



REFERENCES SHEET EP-102

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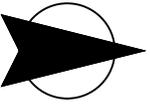
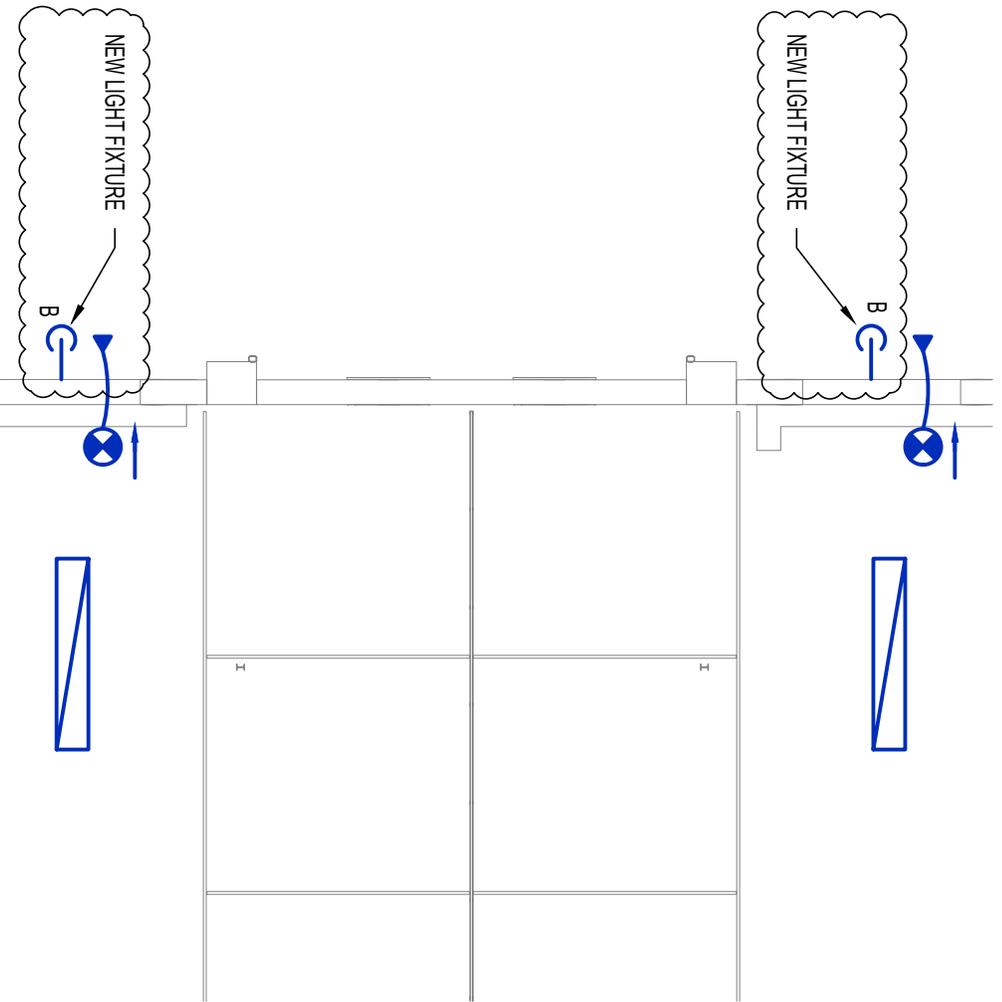
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PDH

DRAWING NO.
AD2.5

FIBER-OPTIC CABLE
RE-FEED
AT LIGHT HORSE
BUILDING



LIGHTING PLAN - HEAVY HORSE - AD 2

SCALE : 1/8" = 1'

HEAVY HORSE 3511501045
CAUL FIELD BLDG. / LIGHT HORSE 3511501042
LIGHT HORSE 3511501041

REFERENCES SHEET EL-100



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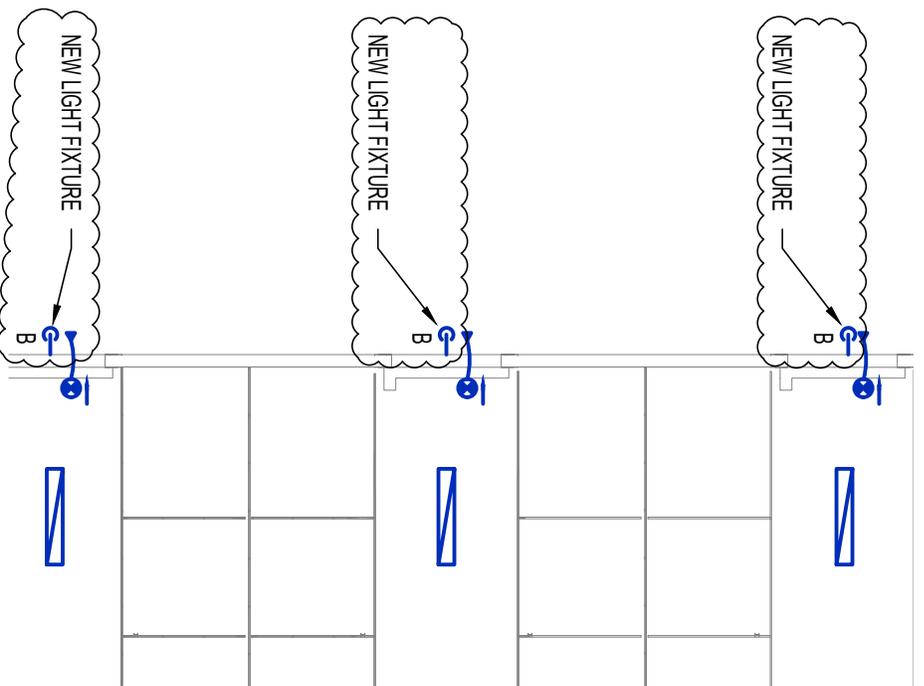
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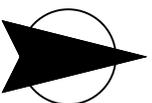
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DRAWING NO. **AD2.6**

NEW LIGHT FIXTURES
EXTERIOR WEST WALL,
HEAVY HORSE BUILDING



LIGHTING PLAN - CAULFIELD / LIGHT HORSE - AD 2



SCALE : 1/16" = 1'

HEAVY HORSE 3511501045
CAULFIELD BLDG. / LIGHT HORSE 3511501042
LIGHT HORSE 3511501041

REFERENCES SHEET EL-101



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DRAWING NO. **AD2.7**

NEW LIGHT FIXTURES
EXTERIOR WEST WALL
CAULFIELD / LIGHT
HORSE BUILDING



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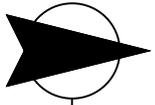
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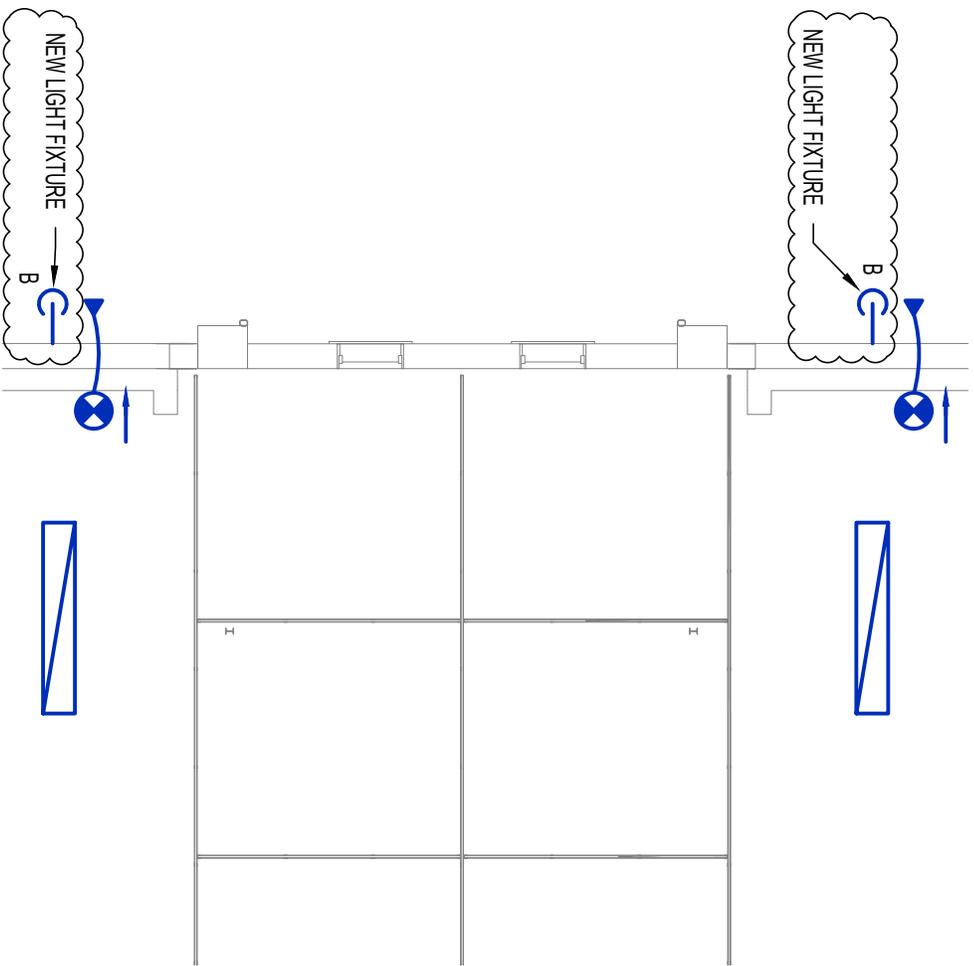
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NEW LIGHT FIXTURES
EXTERIOR WEST WALL,
LIGHT HORSE BUILDING

REFERENCES SHEET EL-102

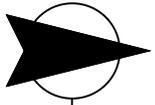
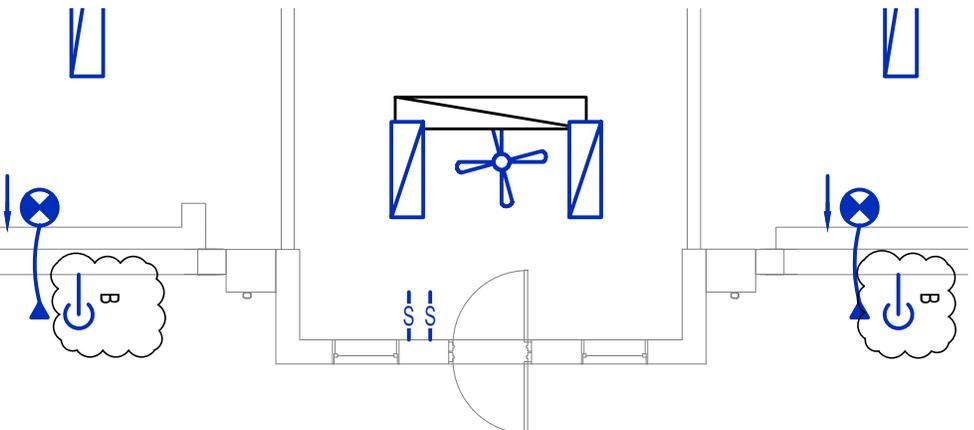


LIGHTING PLAN - LIGHT HORSE - AD 2

SCALE : 1/8" = 1'



HEAVY HORSE 3511501045
CAUL FIELD BLDG. / LIGHT HORSE 3511501042
LIGHT HORSE 3511501041



LIGHTING PLAN - LIGHT HORSE - AD 2

SCALE : 1/8" = 1'

HEAVY HORSE 3511501045
CAUL FIELD BLDG. / LIGHT HORSE 3511501042
LIGHT HORSE 3511501041

REFERENCES SHEET EL-102



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DRAWING NO.	AD2.9
NEW LIGHT FIXTURES EXTERIOR EAST WALL, LIGHT HORSE BUILDING	



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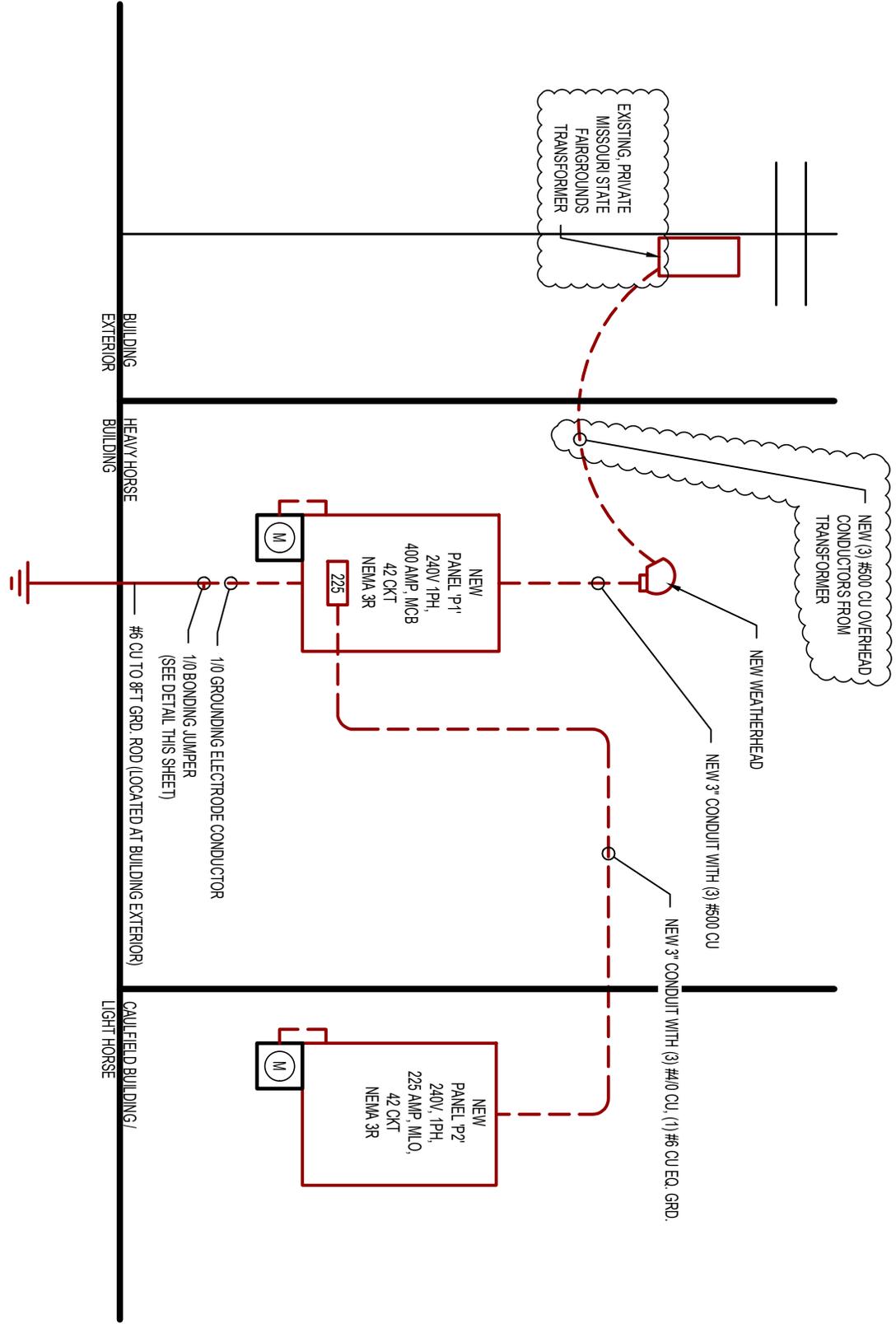
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DRAWING NO. **AD2.10**
POWER RISER #1

REFERENCES SHEET ED-100

POWER RISER #1



NEW (3) #800 CU OVERHEAD CONDUCTORS FROM TRANSFORMER

NEW WEATHERHEAD

NEW 3" CONDUIT WITH (3) #800 CU

NEW 3" CONDUIT WITH (3) #800 CU, (1) #6 CU EQ. GRD.

NEW PANEL P1
240V, 1PH,
400 AMP MCB
42 CT
NEMA 3R

NEW PANEL P2
240V, 1PH,
225 AMP MLO,
42 CT
NEMA 3R

EXISTING, PRIVATE MISSOURI STATE FAIRGROUNDS TRANSFORMER

BUILDING EXTERIOR HEAVY HORSE

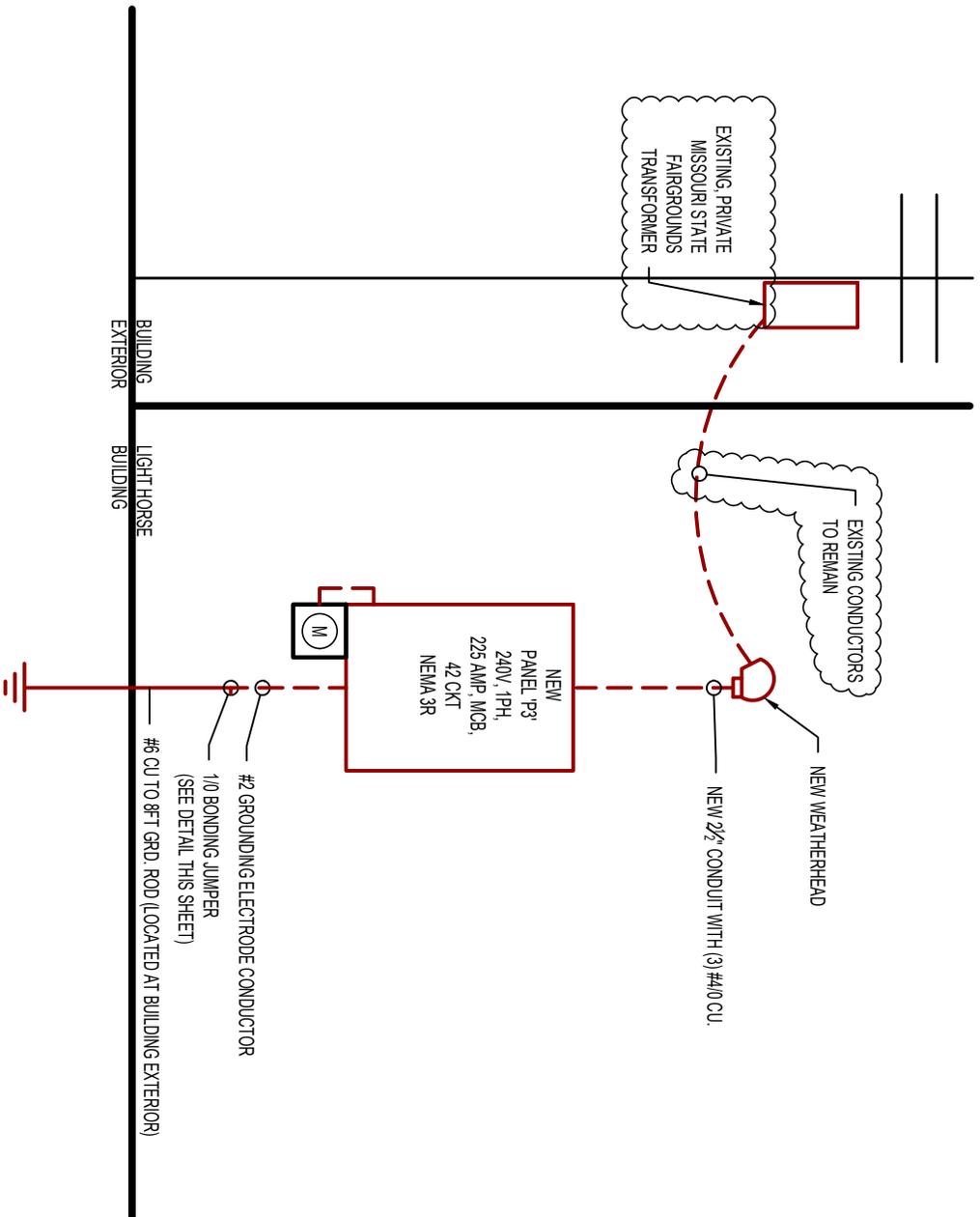
CAULFIELD BUILDING/LIGHT HORSE

1/0 GROUNDING ELECTRODE CONDUCTOR

1/0 BONDING JUMPER (SEE DETAIL THIS SHEET)

#6 CU TO 8FT GRD. ROD (LOCATED AT BUILDING EXTERIOR)

#6 CU EQ. GRD.



POWER RISER #2

REFERENCES SHEET ED-100



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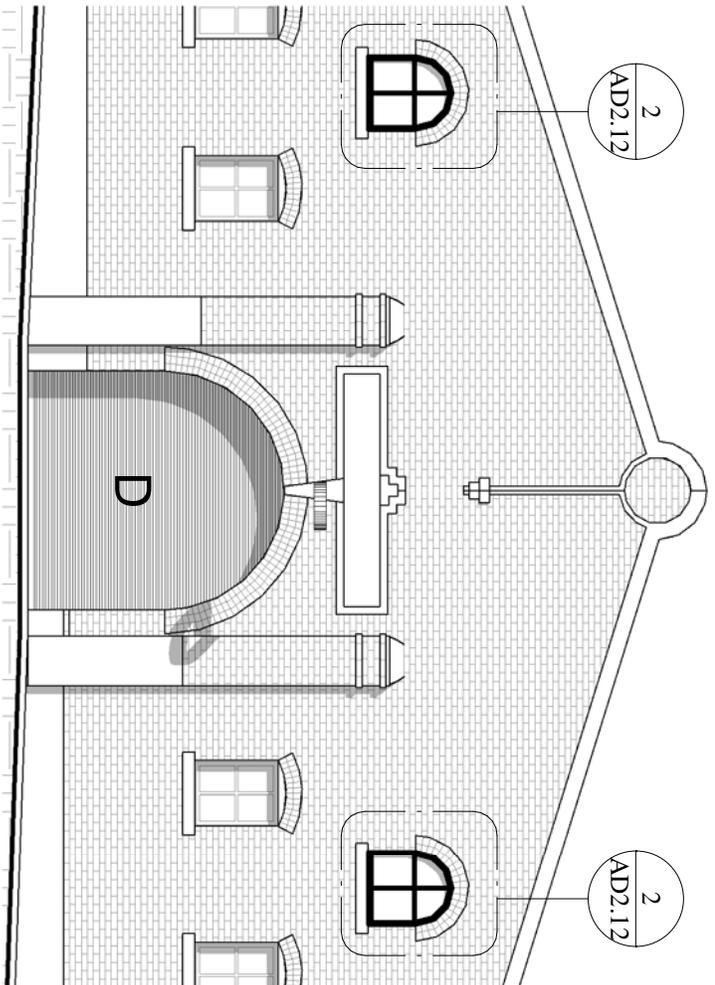
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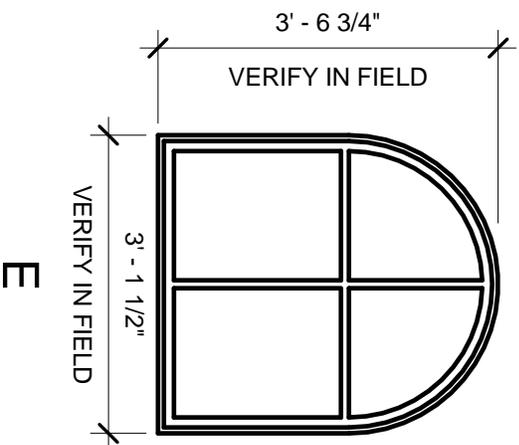
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DRAWING NO. **AD2.11**
POWER RISER #2



1	EAST ELEVATION - CAULFIELD BLDG. / LIGHT HORSE
AD2.12	1/8" = 1'-0"



2	WINDOW E
AD2.12	1/2" = 1'-0"



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3511501042

DATE
09/16/19
DRAWN BY

DRAWING NO.
AD2.12
ADDITION OF WINDOW E