# ADDENDUM NO. 2

**October 24, 2023**

**Bid Package No. 2 - LOWELL HIGH SCHOOL RENOVATIONS AND NEW SPORTS COMPLEX**
**Lowell, IN 46356**

## TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated September 25, 2023 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-2 and attached Addendum No. 2 from Gibraltar Design dated October 20, 2023 and consisting of 15 pages, Specification Section 07 21 13 - Board Insulation, Substitute Specifications Section 32 31 13 - Chain Link Fences and Gates, Partial Specification Section 08 71 00 - Door Hardware, and 72 drawings.

### A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. **Add:**

   Specification Section 07 21 13 - Board Insulation

### B. SPECIFICATION SECTION 00 31 00 - BID FORM

1. **Replace:**

   Specification 00 31 00 - Bid Form with the attached revised section

## C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

### BID CATEGORY NO. 3 - GENERAL TRADES

1. **Add:**

   Specification Section 07 21 13 - Board Insulation

2. **Replace:**

   Specification Section 32 31 13 - Chain Link Fences and Gates with the attached substitute Specification Section

3. **Add:**

   Clarification No. 22:
   The **Bid Category No. 3 Contractor** is responsible to provide any special requirements and grading to provide equipment access for lifts and lulls. All disturbed areas shall be restored to their original state.

4. **Revise:**

   Clarification No. 5:
   The Bid Category No. 3 Contractor shall provide a 75" Visio LED Smart TV monitor within the Construction Project Office, mounted at the direction of the Construction Manager. All electrical requirements shall be provided within the Project office as well.

## D. SPECIFICATION SECTION 01 23 00 - ALTERNATES

1. **Replace:**

   Specification Section 12 23 00 - Alternates with the attached revised section

## E. SPECIFICATION SECTION 01 52 60 - RUBBISH CONTAINER

1. **Replace:**

   Specification Section 01 52 60 - Rubbish Container with the attached revised section

**CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96**

Format (Revised 2013)
(Amended for TCSC)

# Lowell High School Renovations and New Sports Complex

Tri-Creek School Corporation
Lowell, IN

**PART I**

(To be completed for all bids. Please type or print)

Date (month, day, year):_____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid_____

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

_____
Insert Category No. (s) and Name(s)

Of public works project, ***Lowell High School Renovations and New Sports Complex***, in accordance with Plans and Specifications prepared by ***Gibraltar Design, 9202 North Meridian Street, Suite 300, Indianapolis, IN 47708***, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____DOLLARS ($_____)
(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:
Receipt of Addenda No. (s) _____

PROPOSAL TIME

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Attended pre-bid conference YES _____ NO_____

Has visited the jobsite YES _____ NO_____

The Bidder has reviewed the Guideline Schedule in Section 01 32 00 and the intent Of the schedule can be met.

YES _____ NO_____

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6.

YES _____ NO_____

The Skillman Corporation's diversity initiative is to create a program to encourage, assist and measure the active participation of Minority- Owned, Women-Owned, Veteran – Owned and Disabled Individual-Owned Businesses. The Program is to ensure that MWVDBEs are provided full and equal opportunity to participate in all Skillman Corporation's Projects.

Bidder has included:

DBE: YES _____% NO _____
MBE: YES _____% NO _____
WBE: YES _____% NO _____
VBE: YES _____% NO _____

The undersigned further agrees to furnish a bond or certified check with this Bid for an amount specified in the Notice to Bidders. If Alternate Bids apply, submit a proposal for each in accordance with the Plans and Specifications.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS
(if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

****MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE****

Alternate Bid No. 1 – Provide Electrolytic Glass

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 2 – Concrete Masonry Types by Consumer Concrete

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

**PART II**

(For projects of $150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

**SECTION I EXPERIENCE QUESTIONNAIRE**

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

| Contract Amount | Class of Work | Completion Date | Name and Address of Owner |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

2. What public works projects are now in the process of construction by your organization?

| Contract Amount | Class of Work | Completion Date | Name and Address of Owner |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

3. Have you ever failed to complete any work awarded to you?_____If so, where and why?

_____

_____

_____

4. List references from private firms for which you have performed work.

_____

_____

## SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will require a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

_____

_____

_____

_____

5. Have you into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

_____

_____

_____

_____

## SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

## SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

## SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at _____this _____ day of _____, 20

_____
(Name of Organization)

By

_____

_____
(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

_____

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

_____
(Title)

_____
Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

## SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

### 1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

### 1.02 PURPOSE

A. The Bids for the Alternates described herein are required in order for the Owner to obtain information necessary for the proper consideration of the Project in its entirety.

### 1.03 ALTERNATES

A. Definitions: Alternates are defined as alternate products, materials, equipment, installations or systems for the Work, which may, at Owner's option and under terms established by Instructions to Bidders, be selected and recorded in the Owner-Contractor Agreement to either supplement or displace corresponding basic requirements of Contract Documents. Alternates may or may not substantially change scope and general character of the Work; and must not be confused with "allowances", "unit prices", "change orders", "substitutions", and other similar provisions.

### 1.04 SCHEDULE OF ALTERNATES

A. ALTERNATE NO. 1: State the cost to provide electrolytic glass as described in the contract documents. (North Star Building and New Administration and Media Center Renovations.

B. ALTERNATE NO. 2: State the cost to provide Type A (CMU, split face, for the field location) “Walnut” Color; and Type B (CMU, split face, for the Accent location) “White Sand W Color

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 23 00

## SECTION 01 52 60 - RUBBISH CONTAINER

PART 1 - GENERAL

### 1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

B. Masonry, and Roofing, Contractors are to provide their own rubbish containers (See Section 01 56 90, Paragraph 3.01C)

### 1.02 RUBBISH CONTAINER

A. The **Bid Category No. 3 Contractor** shall provide two hundred (200) each 30 yarders dumpster type rubbish container for the Project waste, debris and rubbish for all Contractors, except as specified in 1.01.B above, for the life of the Project.

B. This amount shall be listed on the Schedule of Values for approval. Any unused amounts shall be credit back to the Owner as a deductive Change Order.

C. Dispose of container contents weekly or at more frequent intervals if required by inadequate container capacity.

D. **Provide ten (10) one cubic yard mobile trash carts that can be used during the project by all Contractors, after the initial floors are cast.**

1. **The General Trades Contractor shall empty all one cubic yard trash carts at the end of the workday, regardless of the Prime Contractor filling the cart. All trash carts shall be returned to their appropriate spot upon being emptied. The General Trades Contractor will be fined $50 for every cart not emptied and returned to the original assigned location, as determined by the Construction Manager.**

2. **The Masonry, and Roofing Contractors are not permitted to use the one cubic yard trash carts supplied by the General Trades Contractor. The Masonry and Roofing Contractors are to supply sufficient trash carts to remove their debris on a daily basis. A $50 fine will be assessed for each cart container not emptied at the end of the day, as determined by the Construction Manager.**

END OF SECTION 01 52 60

# ADDENDUM TWO

**Addendum Two (AD.02)** to the drawings and specifications prepared by Gibraltar Design for **Lowell High School Renovations and New Sports Complex** for Tri-Creek School Corporation, Lowell, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and Addendum One and include the appropriate content of same within their bid proposal.

# SPECIFICATIONS

1. **Specification Section 04 01 00 Masonry Restoration and Cleaning**
   A. A. Revise Paragraph 1.3, B. as follows:.
   "The area involved is New Admin and Media Center as indicated in bid documents."
2. **Specification Section 04 20 00 Unit Masonry**
   A. Delete Paragraph 2.5, F. in its entirety.
   B. Revise Paragraph 2.6, A.1 as follows:.
   "1. Contractor is to provide a brick blend that matches the 2003 additions to the School. Contractor is to submit blend for approval prior to submitting shop drawings for the Brick. Install brick in running bond."
   a. "a. Color Blend is varied and pattern is general – contractor is to match blend and patterning of the existing elevations."
3. **Specification Section 05 40 00 Cold Formed Metal Framing**
   A. Revise Paragraph 1.1 A.2 to read:
   "2. Load bearing formed steel stud wall framing for exterior walls fascia's, soffits, etc."
4. **Specification Section 05 44 00 Cold Formed Metal Trusses**
   A. Revise Paragraph 2.4.A.2. to read: "2. Minimum Base-Metal Thickness: 0.0625 inch (16 Gauge)."
   B. Add Paragraph 2.4.A.3 to read: "3. Provide all load bearing framing and transitional over-build as required to achieve the roof layout design included in the documents. Contractor is to reference the architectural roof plan for design intent of roof shape and requirements."
5. **Specification Section 05 52 16 Aluminum Railings**
   A. Revise Paragraph 2.1. to read as follows:
   "1. Manufacturers
   A. Alumina.

B. Quality Architectural and Fabrication.

C. Artistic Iron."

**6. Specification Section 06 20 00 Finish Carpentry**

A. Add new Paragraphs 2.2.O. and 2.2.P. as follows:

1. "O. Stainless Steel Shapes: ASTM A240. Type 304."
2. "P. Stainless Steel Plate and Sheet: ASTM A666. Type 304."

B. Add new Paragraphs 3.4.D.2. as follows:

1. "2. Stainless Steel Countertops: refer to Drawings and Details for size, shape, and locations."

**7. Specification Section 07 21 13 Board Insulation**

A. Add Specification Section 07 21 13 Board Insulation included in this Addendum to the Project Manual.

**8. Specification Section 08 71 00 Door Hardware**

A. Add Paragraph 3.10 to Specification Section 08 71 00 Door Hardware included in this Addendum.

**9. Specification Section 09 65 13 Resilient Flooring**

A. Delete Paragraph 1.1.B. in its entirety, adjust number of following paragraphs.

B. Delete Paragraphs 2.1.A.1. and 2.1.A.3. in their entirety – Tarkett Group is the only acceptable manufacturer.

C. Delete Paragraph 2.2. in its entirety.

**10. Specification Section 10 22 26 Folding Partitions**

A. Revise Paragraph 2.3.K. as follows:

"K. Panel Finishes: Factory apply surface finish of custom fabric.

1. Fabric Finish: Refer to Finish Legend for Fabric covering."

B. Add Paragraph 2.3.M. as follows:

"M. North Star Building: Provide 2 fully Folding Partition Integrated legal means of egress doors. Opening shall be 36" clear minimum. Provide doors with complete functioning exit hardware. Provide each door with exit sign matching color of building exit signs at push side of each door."

**11. Specification Section 10 28 13 Toilet Accessories**

A. Revise Paragraph 2.3 to add the following:

"L. Towel Hook:

1. Basis-of-Design Product: Bobrick B-682.
2. Provide one at each shower location."

"M. Shower Bench: Folding; stainless steel frame and mounting brackets; white phenolic seat."

1. Bobrick B-5181.
2. Bradley 9569."
3. ASI 8206."

4. AJ U937."

**12. Specification Section 11 52 13 Power Operated Projection Screens**

A. Revise Paragraph 2.1, A.4. as follows: "4. Screen Surface: E-Matte TecVision XT1100X White."

B. Add Paragraph 2.1, A.5. and adjust remainder of numbers accordingly: "5. Format: HDTV (16:9)."

C. Revise Paragraph 9. Locations and Sizes: to read as follows: "9. 12'-0" wide or as otherwise coordinated to account for proper picture formatting."

**13. Specification Section 12 25 00 Roller Shades**

A. Add the following Paragraph 1.1 B. to read:

"B. Electrically operated motor drive sunscreen roller shades."

**14. Specification Section 12 32 16 Plastic Laminate Casework**

A. Add new Paragraph 2.1.B.7. to read:

"7. Case Systems, Midland, Michigan."

**15. Specification Section 13 34 19 Pre-Engineered Buildings**

A. Revise the following Paragraph "1.2 Related Sections D. Section 08 36 13 – Sectional Overhead Doors" as follows:

1. Remove from 1.2, D."Section 08 36 13 – Sectional Overhead Doors" and replace with "not used"

B. Revise the following Paragraph "2.6 Overhead Doors" to the following:

"2.6 Sliding Doors"

A. Sliding Doors: Provide sliding doors in size and configuration indicated in construction drawings."

a. Provide all required weather resistant door hardware for proper function of door assembly."

b. Door opening shall not have track assembly at bottom of clear opening. Low track mounted on wall is acceptable."

1) "Sliding Door shall be lockable. Owner to select locking mechanism from manufacturers standard assemblies.

B. Provide all structural reinforcement and assemblies required to accommodate door assembly."

**16. Specification Section 14 24 00 Hydraulic Elevator**

A. Delete Paragraph 2.1.B. in its entirety and adjust remaining paragraphs sequence.

**17. Specification Section 23 20 00 HVAC Pumps**

A. Add Paragraph 2.1. F. to list of Acceptable Manufacturers:

1. "F. Aurora Pumps (Division of Pentair)"

**18. Specification Section 32 31 13 Chain Link Fences and Gates**

A. Substitute New Specification Section 32 31 13, Chain Link Fences and Gates, included in this Addendum.

# DRAWINGS (SHEET INDEX REVISIONS)

1. **Sheet G-101, Sheet Index Volume 1**
   A. Revise Sheet Index – Volume One, Site Buildings, General:
      1. Remove "G-201-SB Site Buildings – Life Safety Plans".
2. **Sheet G-101, Sheet Index Volume 1**
   A. Revise Sheet Index – Volume One, Site Buildings, Architectural:
      1. Add "A-105-SB Site Buildings – Yard Sign Plans".
3. **Sheet G-103, Sheet Index - Volume 2**
   A. Revise Sheet Index – Volume One, Site Buildings, General:
      1. Remove "G-201-SB Site Buildings – Life Safety Plans".
   B. Revise Sheet Index – Volume One, North Star Building, General:
      1. Replace "G-101" with "G-103"
4. **Sheet G-103, Sheet Index - Volume 2**
   A. Revise Sheet Index – Volume One, Site Buildings, Architectural:
      1. Add "A-105-SB Site Buildings – Yard Sign Plans".
5. **Sheet G-101-SB, Site Buildings - Sheet Index - Volume 1**
   A. Revise Sheet Index – Volume 1, General:
      1. Remove "G-201-SB Site Buildings – Life Safety Plans".
6. **Sheet G-101-SB, Site Buildings - Sheet Index - Volume 1**
   A. Revise Sheet Index – Volume 1, Architectural:
      1. Add "A-105-SB Site Buildings – Yard Sign Plans".
7. **Sheet G-103-SB, Site Buildings - Sheet Index - Volume 2**
   A. Revise Sheet Index – Volume 1, General:
      1. Remove "G-201-SB Site Buildings – Life Safety Plans".
8. **Sheet G-103-SB, Site Buildings - Sheet Index - Volume 2**
   A. Revise Sheet Index – Volume 1, Architectural:
      1. Add "A-105-SB Site Buildings – Yard Sign Plans".

# DRAWINGS

9. **Sheet G-301**
   A. Refer to revised full size drawing included in this Addendum for the following revisions.
      1. Add Partition Type "B4" as indicated.
      2. Revise Wall Types B6 and B8 as indicated.
10. **Sheet A-102-AD**
   A. Refer to revised full size drawing included in this Addendum for the following revisions.
      1. Revise M-111 Reception/ Waiting and door M-110B as Indicated.

**11. Sheet A-411-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. 1/A-411 Revise elevations at masonry openings as indicated.

**12. Sheet A-412-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. 2/A-412 Revise elevation as indicated.

**13. Sheet A-413-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. 2/A-413 Revise masonry opening as indicated.

**14. Sheet A-414-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Extent new metal stud framing, insulation and gypsum board as indicated.

**15. Sheet A-420-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. 5/A-420 Revise rail sleeve note as indicated.

**16. Sheet A-421-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. 3/A-421 New brick wall removed as indicated.
2. Revise rail sleeve notes as indicated.

**17. Sheet A-502-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise as indicated.

**18. Sheet A-601-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise to include additional electrolytic glazing.

**19. Sheet A-702-AD**

A. Refer to revised full size drawing included in this Addendum for reception desk revisions and equipment clarifications.

**20. Sheet A-760-AD**

A. Refer to revised full size drawing included in this Addendum for reception desk revisions.

**21. Sheet A-820-AD**

A. Refer to revised full size drawing included in this Addendum for interior finish clarifications.

1. Revise finishes and materials as indicated.

**22. Sheet A-901-AD**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise Reflected Ceiling Plan Legend.

**23. Sheet A-101-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Additional wall type markers added as indicated.
2. Office A-118; Dimension modified for clarity.
3. A-123 Officials'; Revise chase and add additional locker.
4. Revise dimensions as indicated.
5. Clarify locker interface with window above and sloped top.
6. Clarify location of Knox Box.
7. Clarify location of interstitial space access at bottom of trusses.
8. Clarify wall closure to construction above ceiling.

**24. Sheet A-102-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. A-201 Team Meeting; revise wall, borrowed lite casework and related assemblies as indicated.
2. Remove Note 7 as indicated.
3. Add note 40 to clarify closure at edge of pre-tensioned concrete plank and adjacent structure.

**25. Sheet A-301-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise storefront and surrounding area on South Elevation.
2. Revise railing and surrounding masonry on South, East and West Elevations.
3. Revise masonry types as indicated.
4. Revise masonry control joints as indicated.
5. Revise cut stone with engraved school name as indicated.
6. Revise notes and section cuts as indicated.
7. Revise Elevation Notes as indicated.

**26. Sheet A-410-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise note reflecting face brick soldier course standard modular size, and split face CMU update.
2. Revise Insulation

**27. Sheet A-501-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise locker type "A" sloped top as indicated.

**28. Sheet A-610-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. HM8 Revised as indicated.

**29. Sheet A-701-NS**

A. Refer to revised full size drawing included in this Addendum for equipment clarifications.

**30. Sheet A-702-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Casework revisions
   2. Equipment clarifications

**31. Sheet A-720-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Revise to add Towel hooks as indicated.
   2. 9/A-720; Revise chase wall as indicated.
   3. Revise dimensions as indicated.

**32. Sheet A-730-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Revise Elevation "6".
   2. Casework sizes modified.
   3. Finishes modified.

**33. Sheet A-820-NS**

A. Refer to revised full size drawing included in this Addendum for interior finish clarifications.
   1. Revise finishes and materials as indicated.

**34. Sheet A-901-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. A-115 Toilet Diffuser location revised as indicated.
   2. Revise Reflected Ceiling Plan Legend as indicated.

**35. Sheet A-902-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Revise light fixtures and occupancy sensors as indicated.
   2. Revise Reflected Ceiling Plan Legend as indicated.
   3. Revise as indicated.

**36. Sheet E-101-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Provide power and controls for the backlit sign.
   2. Add Lighting Relay and timeclock for backlit sign.

**37. Sheet E-102-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Delete wall mounted lighting fixture NSL-13.
   2. Revise some of the lighting and controls.

**38. Sheet E-202-NS**

A. Refer to revised full size drawing included in this Addendum for revisions.

**39. Sheet E-601-NS**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Fixture Schedule: Revise Fixture Type NSL-13 and add Fixture Type NSL-5.
   2. Relay Schedule: Add Relay NSR-2.

**40. Sheet S-301-CB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Revise Detail 2/S-301 to read dimensions 2'-0" instead of 3'-0" and 2'-8" instead of 3'-8".

**41. Sheet S-101-CB**

A. Revise All North Arrows on sheet as follows:
   1. Rotate North Arrow to point to Left edge of sheet.
      a. Concessions A-101 faces North, Spirit Store A114 Faces South.

**42. Sheet A-101-CB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Revise Dimensions as indicated.
   2. A-114 Spirit Store to move overhead door and door as indicated
   3. A-113 Storage to be renamed A-113 Electrical, revise dimensions as indicated.
   4. A-112 Tennis Storage to have cage removed as indicated.
   5. A-112 Tennis Storage Fire Alarm Control Panel and Note 33 marker relocated to A-113 Electrical as indicated.
   6. Revise width of Overhead door A-114B.

**43. Sheet A-301-CB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Revise drawing titles, elevation key notes and markers as indicated.
   2. Revise Key plan as indicated.
   3. Revise Elevation titles as indicated.
   4. Exterior Elevation – 2 to revise location of door and overhead door as indicated.
   5. Revise masonry types as indicated.
   6. Revise Elevation Notes as indicated.
   7. Revise title block to include signature on architect seal.

**44. Sheet A-601-CB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
   1. Update door schedule as indicated.

**45. Sheet A-820-CB**

A. Refer to revised full size drawing included in this Addendum for interior finish

clarifications.

1. Revise finishes and materials as indicated.

**46. Sheet A-901-CB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. A-113 Electrical to Revise Lights and wall location as indicated.
2. A-114 Spirit Shop to Revise openings and wall locations as indicated.
3. Revise Reflected Ceiling Plan Legend as indicated.

**47. Sheet P-201-CB**

A. Refer to revised full size drawing included in this Addendum for revisions.

1. First For Plumbing Plan:
    a. Added (2) FCO's.
    b. Deleted (2) ECO's.
    c. Added (1) ECO in new location.
2. Foundation Plumbing Plan: Rerouted main waste piping outlet of Grase Interceptor (P-19) to exit out of the south of the building.

**48. Sheet M-101-CB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Relocate ceiling fans, heaters, and fan switch in Spirit Store A-114.
2. Relocate exhaust fan CB2 to A-113 along with duct and discharge louver.

**49. Sheet E-101-CB**

A. Refer to revised full size drawing included in this Addendum for revisions.

1. Update as indicated.

**50. Sheet S-001-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Remove designation (4/S-303) under "General Masonry Notes" for Note 4 and add A.C.I after the word "PER: and a period after "Details".
2. Change F to P deck designation under "Structural Legend" and remove –'2",20 gauge composite galvanized metal composite floor deck and direction of span". Replace it with "5/8" A.P.A Rated Exterior plywood roof deck."
3. Add new floor deck designation under "Structural Legend" C with a description "3/8" Galv. Steel Checker Plate."
4. Remove information under "Slab Schedule" for B/4-1/2"/WWT 6X6/Use "-20GA slab designation.
5. Add new footing pad size to "Pad Schedule" of P8/8'-0"/1'-8"/8'-0"/16-#6.
6. Add new wall footing size to "Footing Schedule" of F30/30"/1'-2"/4-#5 & #5 at 24".
7. Add new concrete pier size and reinforcing to "Pier Schedule" of PR40-40"X40" /12 - #6/#3 @ 12" and PR24-24"X24/6-#6/3@12".
8. Revise and add to "Masonry Wall Panel Schedule." (See updated Detail sheet)

9. Add new Detail named "Special Lintel Schedule", showing information. (See updated Detail Sheet).
10. Replace "20 PSF" Ground Snow Load with "25 PSF" Ground Snow Load within the "General Design Notes."

**51. Sheet SB101-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Add Section Cut 1/A-403 facing to right between grids 13 and 14 on the "Football Grandstand and Athletics Storage Buildings Foundation Plan: and see A-103 to note between grids 7 and 8.
2. Add Section Cut 3/A-405 facing to left to right of note, which must extend through layout of bleachers on the Soccer Grandstand Foundation Plan and revise SB-101 to read A-103 in note near center of bleachers.
3. Add Section Cut 1/A-405 facing to left near center of bleacher layout, which must extend through all stands on the "Softball Grandstand Foundation Plan" and revise SB-101 to read A-103 in note near center of bleachers.
4. At Section Cut 2/A-405 facing to the left to right of note, which must extend through all stands on the Baseball Grandstand Foundation Plan" and revise SB-101 to read A-104 in the note near the center of bleachers.

**52. Sheet SB-102-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Add and revise section cuts along with footing layout line work for "Varsity, JV Visitors and JV Home Dugout Foundation Plans".
2. Add "Press Box Foundation Plan" and "typical Fence Masonry Piers" with section cuts and footing description information.
3. Revise and add designation for section cuts on "Ticket Booth and Entry Foundation Plan" and "Athletic Storage Building Foundation Plan."
4. Add footing pads at B-2 and C-2 along with piers and the layout of grid lines at "Tennis Platform Foundation Plan".

**53. Sheet SF-101-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Add "Varsity, JV Visitors and JV Home Dugout Framing Plans" with section cuts and roof framing information.
2. Add Roof Deck information (P) to "Press Box Roof Framing Plan".
3. Revise support beam designation information to "Ticket Booth Roof and Archway Framing Plan".
4. Revise Roof Deck designation to (R) from (M) and show frame spacing of 8'-0" O.C. on "Athletic Storage Building Roof Framing Plan." The section cut information has also been updated.
5. Add section cuts and floor deck designations on "Tennis Platform Roof Framing Plan" and "Tennis Platform Foor Framing Plan".

**54. Sheet SL-101-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise and add Masonry Panel information to "JV Visitors, JV Home and Varsity Dugout Masonry/Lintel Plans".
2. Add the "Typical Masonry Pier Plan" information.
3. Revise and add Masonry Panel information to "Athletic Storage Building Masonry/Lintel Plan" and "Ticket Booth and Entry Masonry/Lintel Plan" along with "Press Box Upper Level Masonry/Lintel Plan".
4. Revise all lintel sizes to "Press Box Lower and Upper Level Masonry/Lintel Plan" from L8 and ML8 to L12 and ML12.

**55. Sheet SL-102-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise and Add Masonry Panel information to "Football, Baseball, Soccer, Softball Grandstand Masonry wall plans".

**56. Sheet S-301-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise Detail 1/S-001 to read 1/S-301.
2. Revise Detail 3/S-001 to read 3/S-301.
3. Add Detail 11/S-301 showing dugout footing section and reinforcement information.
4. Add Detail 12/S-301 showing Soldier Course Brick Bonding Masonry Wall Section for 8" and 12" CMU walls.

**57. Sheet S-302-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Revise Detail 2/S-302 location per proper sheet layout.
2. Add Details 3, 5, 6, and 7/S-302 which show various sections and information on framing plans for tennis platform and ticket booth and fence masonry piers.

**58. Sheet AS101-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions.

1. Revise layout of doner brick pavers at soccer.
2. Show new yard sign at main entrance to south parking lot.

**59. Sheet A-101-SB**

A. Refer to revised full-size drawing included in this Addendum for the revision of the wall construction for the Press Boxes.

**60. Sheet A-102-SB**

A. R Refer to revised full-size drawing included in this Addendum for the following revisions:

1. Add Plan legend and Room Finishes to the notes.
2. Revise the masonry wall construction notes for Athletic Storage buildings, Ticket Booths, and Masonry Piers.
3. Revise detail callouts on the Ticket Booth Roof Plan.

**61. Sheet A-103-SB**

A. Refer to revised full-size drawing included in this Addendum for the revision of the masonry wall construction notes at the football and soccer grandstands.

**62. Sheet A-104-SB**

A. Refer to revised full-size drawing included in this Addendum for the revision of the masonry wall construction notes at the baseball and softball grandstands.

**63. Sheet A-105-SB**

A. Refer to the new full-size drawing included in this Addendum for the addition of the Yard Sign plans and details.

**64. Sheet A-301-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
   1. Revise "CMU Type Notes" to "Masonry Type Notes" and revise notes A1 and C1.
   2. Revise Dugout Elevation Titles throughout.

**65. Sheet A-302-SB**

A. Refer to revised full-size drawing included in this Addendum for the revision of the "CMU Type Notes" to "Masonry Type Notes" and revise notes A1 and C1.

**66. Sheet A-303-SB**

A. Refer to revised full-size drawing included in this Addendum for the revision of the "CMU Type Notes" to "Masonry Type Notes" and revise notes A1 and C1.

**67. Sheet A-304-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
   1. Revise "CMU Type Notes" to "Masonry Type Notes" and revise notes A1 and C1.
   2. Revise masonry types for elevations 5 and 6.

**68. Sheet A-305-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
   1. Revise "CMU Type Notes" to "Masonry Type Notes" and revise notes A1 and C1.
   2. Add stone cap on elevations 11 and 12.
   3. Revise steel column note on elevations 12 and 13.

**69. Sheet A-401-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
   1. Revise sections 2-4 to show 12" CMU in lieu of 4" CMU, Insulation, and 8" CMU.
   2. Revise sections 2-4 to only have split faced CMU in lieu of Split, smooth, and fluted.
   3. Revise sections 2-4 to reduce attic insulation thickness.
   4. Revise section 2 to show brick solder course and CMU backing.
   5. Revise detail 1 to show revision to CMU.

**70. Sheet A-402-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
   1. Revise sections 1,2,4,5 to only have split faced CMU in lieu of Split, smooth, and fluted.

2. Revise sections 1,2,4,5 to show brick solder course and CMU backing.
3. Revise detail callouts on section 4.

**71. Sheet A-403-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
1. Revise section to only have split faced CMU in lieu of Split, smooth, and fluted.
2. Revise section to show brick solder course and CMU backing.

**72. Sheet A-404-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
1. Revise section to only have split faced CMU in lieu of Split, smooth, and fluted.
2. Revise section to show brick solder course and CMU backing.

**73. Sheet A-405-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
1. Revise all sections to only have split faced CMU in lieu of Split, smooth, and fluted.
2. Revise sections 1,2,3,5 to show brick solder course and CMU backing.

**74. Sheet A-501-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
1. Revise all sections to only have split faced CMU in lieu of Split, smooth, and fluted.
2. Revise sections 1,2,3,5 to show brick solder course and CMU backing.

**75. Sheet A-601-SB**

A. Refer to revised full-size drawing included in this Addendum for the following revisions:
1. Revise Stair Plan 6/A-501 to modify masonry wall and revise dimensions.
2. Revise Stair Section 8/A-501 to modify masonry wall.
3. Revise Scupper Detail 13/A-501 to add additional detail for the Coping Cap.

**76. Sheet M-001-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
1. Delete PTAC Schedule and add Ceiling Fan Schedule.

**77. Sheet M-101-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
1. Delete through-wall PTAC's in Press Boxes and add two (2) ceiling fans per Press Box.

**78. Sheet E-102-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.
1. Delete electrical connections to PTAC Units in the Press Boxes.
2. Provide connections to the ceiling fans in the Press Boxes.

**79. Sheet T-101-SB**

A. Refer to revised full size drawing included in this Addendum for the following revisions:
1. Update drawing as indicated.

**80. Sheet A-101-MB**

A. Refer to revised full size drawing included in this Addendum for the following revisions:

1. Revise concrete slab as indicated.
2. Revise concrete slab and related assemblies as indicated.

**81. Sheet E-101-MB**

A. Refer to revised full size drawing included in this Addendum for the following revisions.

1. Delete electrical connection to sliding door.

## DRAWINGS - General

**82. Sheets A-120-NS, A-211-NS, A-411-NS, A-412-NS, A-413-NS, A-414-NS, A-415-NS, A-416-NS, A-417-NS, A-611-NS**

A. Notation on drawings indicating 4" CMU or 4" CMU Veneer:

1. Reference A-301-NS this addendum for revised locations and type of exterior masonry including locations of face brick soldier course standard modular size and revision to exterior CMU Veneer as part of this Addendum.
2. Exterior exposed CMU has been revised to have split faced CMU in lieu of Split, smooth, and fluted CMU.

**83. Sheet A-410-CB**

A. Notation on drawings and details indicating 8" CMU:

1. Reference A-301-CB this addendum for revised locations and type of exterior masonry including locations of face brick soldier course standard modular size and revision to CMU or 8" CMU as part of this Addendum.
    a. Where face brick soldier course standard modular size occurs on exterior walls as indicated on A-301-CB~~;~~ Where the brick occurs in an 8" or larger CMU~~;~~ ~~I~~nstall CMU behind face brick soldier course standard modular size making up total width of wall behind brick.
2. Exterior exposed CMU has been revised to have split faced CMU in lieu of Split, smooth, and fluted CMU.

Pages 1 through 14, inclusive, Full Specification Sections 07 21 13, 32 31 13, Partial Section Hardware Section 08 71 00, and Seventy Two (72) Full-Size Drawings, constitute the total makeup of **Addendum Two**.

GIBRALTAR DESIGN

Joseph P. Briggs

# SECTION 07 21 13
# BOARD INSULATION

## 1 General

### 1.1 Section Includes

A. Board insulation at perimeter foundation wall.

B. Structural insulated sheathing.

### 1.2 Related Sections

A. Section 04 20 00 - Unit Masonry: Cavity wall insulation.

B. Section 07 31 00 – Shingled Roofing

C. Section 07 53 23 - Roof Insulation and Membrane Roofing - EPDM: Rigid insulation on roofs.

### 1.3 Quality Assurance

A. Comply with the Indiana Energy Conservation Code (ASHRAE 90.1 – 2007).

## 2 Products

### 2.1 Insulation Materials

A. Extruded Polystyrene Insulation: Extruded cellular polystyrene; thermal resistance R per inch of 5.0; minimum compressive strength of 25 psi; water absorption by volume in accordance with ASTM C272, maximum 0.15 percent; square edges; thickness indicated.

1. Styrofoam as manufactured by Dow Chemical Company, Midland, Michigan.

2. Foamular as manufactured by Owens-Corning, Toledo. Ohio.

B. Structural Insulated Sheathing: Provide a polyisocyanurate insulation consisting of 5/8 inch thick oriented strand board and polyisocyanurate insulation.

1. Total thickness as indicated on drawings.

2. Acceptable Manufacturers:

a. Xci PLY as manufactured by Hunter Panels, Portland, Maine.

b. ACFoam Nail Base as manufactured by Atlas Roofing Corporation, Atlanta, Georgia.

C. Structural Insulated Sheathing: Provide a polyisocyanurate insulation consisting of 5/8 inch thick oriented strand board and polyisocyanurate insulation. Foam core flame spreadk of less than 25 per ASTM E84, Fire Treated plywood with flame spread of less than 25 per STM E 84.

1. Total thickness as indicated on drawings.

2. Acceptable Manufacturers:

a. Xci PLY as manufactured by Hunter Panels, Portland, Maine.

D. Nailable Ventilated Roof Insulation: Provide a polyisocyanurate insulation consisting of 5/8 inch thick oriented strand board, 1" ventilation channel, and 4" polyisocyanurate insulation and a total minimum panel R Value of 21.2.

1. Acceptable Manufacturers:

1) Xci PLY as manufactured by Hunter Panels, Portland, Maine

2) Atlas

## 2.2 Adhesive Materials

A. Adhesive: Type recommended by insulation manufacturer for application.

## 2.3 Accessories

A. Polyethylene Film: Translucent polyethylene film; 4 mils thick.

B. Reinforced Vapor Barrier: Griffolyn Type T-55FR as manufactured by Reef Industries, Inc., Houston, Texas; Dura-Skrim 2FR as manufactured by Raven Industries, Springfield, Ohio; or approved equal; three ply high density polyethylene and nylon yarn laminate.

# 3 Execution

## 3.1 Preparation

A. Verify substrate and adjacent materials and insulation boards are dry and ready to receive insulation and adhesive.

B. Verify substrate surface is flat, free of irregularities and materials that will impede adhesive bond.

C. Verify insulation boards are unbroken, and free of damage, with face membrane undamaged.

## 3.2 Installation - Extruded Polystyrene Perimeter Foundation Insulation

A. Apply adhesive in continuous beads per board length.

B. Install boards horizontally under concrete slab along perimeter of foundation wall, extending minimum 2 feet from foundation wall, unless otherwise indicated on Drawings.

C. Install boards vertically on foundation wall or grade beam perimeter, extending from bottom of floor slab to top of footing, unless otherwise indicated on Drawings.

D. Place boards in a method to maximize contact bedding.

E. Butt edges and ends tight to adjacent board and to protrusions.

## END OF SECTION

### 3.10 DOOR HARDWARE SCHEDULE

A. The intent of the hardware specification is to specify the hardware for interior and exterior doors, and to establish a type, continuity, and standard of quality. However, it is the door hardware supplier's responsibility to thoroughly review existing conditions, schedules, specifications, drawings, and other Contract Documents to verify the suitability of the hardware specified.

B. Discrepancies, conflicting hardware, and missing items are to be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application

C. Hardware items are referenced in the following hardware. Refer to the above-specifications for special features, options, cylinders/keying, and other requirements.

D. Hardware Sets:

## NEW ADMIN & MEDIA CENTER

HARDWARE GROUP NO. 01

For use on Door #(s):
M-115A M-116A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | PRIVACY SET | 45H-0-L-14H-VIN | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 488SCL PSA | CL | ZER |

HARDWARE GROUP NO. 02

For use on Door #(s):
M-114B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | OFFICE/ENTRANCE LOCK | 45H-7-AT-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | GASKETING | 326AA | AA | ZER |
| 1 | EA | DOOR BOTTOM | 364AA | AA | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |

HARDWARE GROUP NO. 03

For use on Door #(s):

| | | | | | |
|---|---|---|---|---|---|
| M-117B | M-118A | M-119A | M-120A | M-122A | M-123A |
| M-124A | M-125A | M-126A | M-127A | M-128A | |

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | OFFICE/ENTRANCE LOCK | 45H-7-AT-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 04

For use on Door #(s):
M-109A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | OFFICE/ENTRANCE LOCK | 45H-7-AT-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 326AA | AA | ZER |

HARDWARE GROUP NO. 05

For use on Door #(s):
M-114A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | OFFICE/ENTRANCE LOCK | 45H-7-AT-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 326AA | AA | ZER |
| 1 | EA | DOOR BOTTOM | 364AA | AA | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |

HARDWARE GROUP NO. 06

For use on Door #(s):
M-110BA

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 07

For use on Door #(s):
M-117A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 08

For use on Door #(s):
M-108A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 09

For use on Door #(s):
M-107A M-107B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 326AA | AA | ZER |

HARDWARE GROUP NO. 10**- NOT USED**

HARDWARE GROUP NO. 11

For use on Door #(s):
M-102A M-103A M-104A M-105A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM SECURITY LOCK | 45H-7-INL-14H-VIN INSIDE | 612 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 326AA | AA | ZER |
| 1 | EA | DOOR BOTTOM | 364AA | AA | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |

**HARDWARE GROUP NO.11A**

For use on Door #(s):
**M-111C**

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| **3** | **EA** | **HINGE** | **5BB1 4.5 X 4.5** | **652** | **IVE** |
| **1** | **EA** | **CLASSROOM SECURITY LOCK** | **45H-7-INL-14H-VIN INSIDE** | **612** | **BES** |
| **1** | **EA** | **OH STOP** | **100S** | **630** | **GLY** |
| **1** | **EA** | **SURFACE CLOSER** | **4040XP RW/PA TBSRT** | **689** | **LCN** |
| **1** | **EA** | **KICK PLATE** | **8400 10" X 1 1/2" LDW B-CS** | **630** | **IVE** |
| **1** | **EA** | **GASKETING** | **326AA** | **AA** | **ZER** |
| **1** | **EA** | **DOOR BOTTOM** | **364AA** | **AA** | **ZER** |
| **1** | **EA** | **THRESHOLD** | **544A** | **A** | **ZER** |

HARDWARE GROUP NO. 12

For use on Door #(s):
M-121A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 13

For use on Door #(s):
M-106A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 326AA | AA | ZER |

HARDWARE GROUP NO. 14

For use on Door #(s):
M-111B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112XY | 628 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | ELECTRIC STRIKE | 6400 FSE | 630 | VON |
| 1 | EA | AUTO OPERATOR | 4642 TBWMS 120 VAC | 689 | LCN |
| 2 | EA | ACTUATOR, TOUCH | 8310-853T/8310-818T AS REQ'D | 630 | LCN |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | CREDENTIAL READER | BY ACCESS CONTROL PROVIDER | | |
| 1 | EA | DOOR CONTACT | 679-05WD/679-05HM AS REQ | BLK | SCE |
| 1 | EA | REMOTE RELEASE | BY ACCESS CONTROL PROVIDER | | |
| 1 | EA | POWER SUPPLY | PS902 900-4RL [COORINATE WITH ACCESS CONTROL] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR NORMALLY CLOSED AND LOCKED FROM RECEPTION SIDE. DOOR ALWAYS UNLOCKED FROM CORRIDOR SIDE.

VALID CREDENTIAL OR REMOTE RELEASE AT RECEPTION DESK MOMENTARILY RELEASES ELECTRIC STRIKE AND ACTIVATES ACTUATOR ON RECEPTION SIDE. PRESSING ACTIVE ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR. ACTUATOR ON CORRIDOR SIDE ALWAYS ACTIVE. PRESSING ACTUATOR ON CORRIDOR SIDE MOMENTARILY RELEASES ELECTRIC STRIKE AND CYCLES AUTOMATIC OPERATOR.

DOOR CONTACT MONITORS DOOR POSITION. DOOR REMAINS LOCKED UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 15

For use on Door #(s):
M-110A M-110B **M-110D**

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | PANIC HARDWARE | CDSI-99-NL-OP-110MD | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | DOOR PULL | HDARA5131 | 630 | FOR |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | GASKETING | 326AA | AA | ZER |
| 1 | EA | DOOR BOTTOM | 364AA | AA | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |

HARDWARE GROUP NO. 16

For use on Door #(s):
M-101B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | PANIC HARDWARE | CDSI-99-NL-OP-110MD | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | DOOR PULL | HDARA5131 | 630 | FOR |
| 1 | EA | SURFACE CLOSER | 4040XP EDA TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 326AA | AA | ZER |
| 1 | EA | DOOR BOTTOM | 364AA | AA | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |

HARDWARE GROUP NO. 17

For use on Door #(s):
M-111D

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 CON | 689 | VON |
| 1 | EA | ELEC PANIC HARDWARE | RX-QEL-99-L-NL-17-CON 24 VDC | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH TBSRT | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |
| 1 | EA | CREDENTIAL READER | BY ACCESS CONTROL PROVIDER | | |
| 1 | EA | DOOR CONTACT | 679-05WD/679-05HM AS REQ | BLK | SCE |
| 1 | EA | REMOTE RELEASE | BY ACCESS CONTROL PROVIDER | | |
| 1 | EA | POWER SUPPLY | PS902 900-2RS [COORDINATE WITH ACCESS CONTROL PROVIDER] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL OR REMOTE RELEASE AT RECEPTION DESK MOMENTARILY RETRACTS ELECTRIC LATCH ALLOWING ENTRY. DOOR REMAINS LOCKED UPON LOSS OF POWER. DOOR CONTACT MONITORS DOOR POSITION. RX SWITCH IN EXIT DEVICE PUSH PAD SHUNTS DOOR CONTACT FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 18

For use on Door #(s):
M-111A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112XY EPT | 628 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 CON | 689 | VON |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | SD-LX-RX-QEL-99-NL-OP-110MD-CON 24 VDC | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | DOOR PULL | HDARA5131 | 630 | FOR |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | AUTO OPERATOR | 4642 TBWMS 120 VAC | 689 | LCN |
| 2 | EA | ACTUATOR, TOUCH | 8310-853T/8310-818T AS REQ'D | 630 | LCN |
| 1 | EA | CREDENTIAL READER | BY ACCESS CONTROL PROVIDER | | |
| 1 | EA | DOOR CONTACT | 679-05WD/679-05HM AS REQ | BLK | SCE |
| 1 | EA | REMOTE RELEASE | BY ACCESS CONTROL PROVIDER | | |
| 1 | EA | POWER SUPPLY | PS902 900-4RL [COORINATE WITH ACCESS CONTROL] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. DOOR CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL OR BY CYLINDER DOGGING.

UNLOCKED HOURS: PRESSING EITHER ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR.

LOCKED HOURS: VALID CREDENTIAL OR REMOTE RELEASE AT RECEPTION DESK MOMENTARILY RETRACTS ELECTRIC LATCH AND ACTIVATES EXTERIOR ACTUATOR. PRESSING ACTIVE ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR. INTERIOR ACTUATOR ALWAYS ACTIVE. PRESSING INTERIOR ACTUATOR RETRACTS ELECTRIC LATCH AND CYCLES AUTOMATIC OPERATOR.

DOOR REMAINS LOCKED UPON LOSS OF POWER. DOOR CONTACT MONITORS DOOR POSITION. RX SWITCH IN EXIT DEVICES PUSH PAD SHUNTS DOOR CONTACT FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 19

For use on Door #(s):
M-130A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112XY EPT | 628 | IVE |
| 2 | EA | POWER TRANSFER | EPT10 CON | 689 | VON |
| 1 | EA | REMOVABLE MULLION | KR4954 STAB | 689 | VON |
| 3 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | SD-LX-RX-QEL-99-EO-CON 24 VDC | 626 | VON |
| 1 | EA | ELEC PANIC HARDWARE | SD-LX-RX-QEL-99-NL-OP-110MD-CON 24 VDC | 626 | VON |
| 1 | EA | MULLION STORAGE KIT | MT54 | 689 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 2 | EA | DOOR PULL | HDARA5131 | 630 | FOR |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH TBSRT | 689 | LCN |
| 1 | EA | AUTO OPERATOR | 4642 TBWMS 120 VAC | 689 | LCN |
| 1 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 1 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 1 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 2 | EA | ACTUATOR, TOUCH | 8310-853T/8310-818T AS REQ'D | 630 | LCN |
| 1 | EA | MULLION SEAL | 8780NBK | BK | ZER |
| 1 | EA | WEATHER STRIPPING | BY DOOR/FRAME SUPPLIER | | |
| 2 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | CREDENTIAL READER | BY ACCESS CONTROL PROVIDER | | |
| 1 | EA | AI PHONE/REMOTE RELEASE | BY ACCESS CONTROL PROVIDER | | |
| 2 | EA | DOOR CONTACT | 679-05WD/679-05HM AS REQ | BLK | SCE |
| 1 | EA | POWER SUPPLY | PS904 900-4RL [COORDINATE WITH ACCESS CONTROL PROVIDER] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOORS NORMALLY CLOSED AND LOCKED. DOORS CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL OR BY CYLINDER DOGGING.

UNLOCKED HOURS: PRESSING EITHER ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR.

LOCKED HOURS: VALID CREDENTIAL OR REMOTE RELEASE AT RECEPTION DESK MOMENTARILY RETRACTS ELECTRIC LATCH AND ACTIVATES EXTERIOR ACTUATOR. PRESSING ACTIVE ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR. INTERIOR ACTUATOR ALWAYS ACTIVE. PRESSING INTERIOR ACTUATOR RETRACTS ELECTRIC LATCH AND CYCLES AUTOMATIC OPERATOR.

DOORS REMAIN LOCKED UPON LOSS OF POWER. DOOR CONTACTS MONITOR DOOR POSITION. RX SWITCHES IN EXIT DEVICES PUSH PADS SHUNT DOOR CONTACT FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 20

For use on Door #(s):
M-130B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112XY EPT | 628 | IVE |
| 2 | EA | POWER TRANSFER | EPT10 CON | 689 | VON |
| 1 | EA | REMOVABLE MULLION | KR4954 STAB | 689 | VON |
| 3 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | SD-LX-RX-QEL-99-EO-CON 24 VDC | 626 | VON |
| 1 | EA | ELEC PANIC HARDWARE | SD-LX-RX-QEL-99-NL-OP-110MD-CON 24 VDC | 626 | VON |
| 1 | EA | MULLION STORAGE KIT | MT54 | 689 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 2 | EA | DOOR PULL | HDARA5131 | 630 | FOR |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH TBSRT | 689 | LCN |
| 1 | EA | AUTO OPERATOR | 4642 TBWMS 120 VAC | 689 | LCN |
| 1 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 1 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 1 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 2 | EA | ACTUATOR, TOUCH | 8310-853T/8310-818T AS REQ'D | 630 | LCN |
| 1 | EA | MULLION SEAL | 8780NBK | BK | ZER |
| 2 | EA | DOOR CONTACT | 679-05WD/679-05HM AS REQ | BLK | SCE |
| 1 | EA | POWER SUPPLY | PS904 900-4RL [COORDINATE WITH ACCESS CONTROL PROVIDER] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOORS NORMALLY CLOSED AND LOCKED. DOORS CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL OR BY CYLINDER DOGGING.

UNLOCKED HOURS: PRESSING EITHER ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR.

LOCKED HOURS: ACUATORS ARE INACTIVE.

DOORS REMAIN LOCKED UPON LOSS OF POWER. DOOR CONTACTS MONITOR DOOR POSITION. RX SWITCHES IN PANIC DEVICES SHUNT DOOR CONTACT FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 21

For use on Door #(s):
M-129A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112XY EPT | 628 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 CON | 689 | VON |
| 1 | EA | ELEC PANIC HARDWARE | RX-QEL-99-NL-OP-110MD-CON 24 VDC | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | DOOR PULL | HDARA5131 | 630 | FOR |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH TBSRT | 689 | LCN |
| 1 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 1 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 1 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 1 | EA | WEATHER STRIPPING | BY DOOR/FRAME SUPPLIER | | |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | CREDENTIAL READER | BY ACCESS CONTROL PROVIDER | | |
| 1 | EA | DOOR CONTACT | 679-05WD/679-05HM AS REQ | BLK | SCE |
| 1 | EA | POWER SUPPLY | PS902 900-2RS [COORDINATE WITH ACCESS CONTROL PROVIDER] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL MOMENTARILY RETRACTS ELECTRIC LATCH ALLOWING ENTRY. DOOR CONTACT MONITORS DOOR POSITION. RX SWITCH IN EXIT DEVICE PUSH PAD SHUNTS DOOR CONTACT FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 22

For use on Door #(s):
M-101A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| | EA | NOTE | HARDWARE EXISTING TO REMAIN | | |

HARDWARE GROUP NO. 23

For use on Door #(s):

| | | | | | |
|---|---|---|---|---|---|
| M-101C | M-101D | M-102B | M-103B | M-104B | M-105B |
| M-107C | M-109B | M-109C | M-110E | M-110F | M-113A |
| M-113B | | | | | |

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| | EA | | NO HARDWARE REQUIRED - BORROWED LITE | | |

99020 OPT0343427 Version 2

## NORTH STAR BUILDING:

HARDWARE GROUP NO. 01

For use on Door #(s):
A-205A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | PASSAGE SET | 45H-0-N-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 02

For use on Door #(s):

| | | | | | |
|---|---|---|---|---|---|
| A-110A | A-111A | A-139A | A-143A | A-149A | A-150A |

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM DEADBOLT | 8T-3-7-S-STK | 626 | BES |
| 1 | EA | PUSH PLATE | 8200 4" X 16" | 630 | IVE |
| 1 | EA | PULL PLATE | 8303 10" 4" X 16" | 630 | IVE |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

NOTE: THUMB TURN ON INSIDE RETRACTS DEADBOLT ONLY. NOT ABLE TO THROW DEAD BOLT FROM INSIDE. FREE EGRESS AT ALL TIMES.

NOTE: VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE CORRECT STRIKES, REINFORCEMENTS, FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE AND COVER EXPOSED HOLES.

HARDWARE GROUP NO. 03

For use on Door #(s):
A-152A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | PRIVACY SET | 45H-0-LT-14H-VIN | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | DOOR CONTACT | 7764 | 628 | SCE |

OPERATION: DOOR CONTACT MONITORS DOOR POSITION.

HARDWARE GROUP NO. 04

For use on Door #(s):

| | | | | | |
|---|---|---|---|---|---|
| A-102A | A-106A | A-119A | A-124A | A-130A | A-142A |
| A-147A | A-206A | A-207A | | | |

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | PRIVACY SET | 45H-0-LT-14H-VIN | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 488SCL PSA | CL | ZER |

HARDWARE GROUP NO. 05

For use on Door #(s):
A-141A A-146A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 06

For use on Door #(s):
A-118A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 07

For use on Door #(s):
A-103A A-107A A-115A A-120A A-126A A-127B
A-128A A-131B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 08

For use on Door #(s):
A-129A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 6 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CONST LATCHING BOLT | FB51T/FB61T AS REQ'D | 630 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 2 | EA | OH STOP | 100S | 630 | GLY |
| 2 | EA | KICK PLATE | 8400 10" X 1" LDW B-CS | 630 | IVE |
| 2 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 09

For use on Door #(s):
A-101A A-105A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 10

For use on Door #(s):
A-151A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 11

For use on Door #(s):
A-113A A-116A A-125A A-144A A-203A A-210A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 12

For use on Door #(s):
A-131A A-153A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR CONTACT MONITORS DOOR POSITION.

HARDWARE GROUP NO. 13

For use on Door #(s):
A-123A A-202A A-211A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 14

For use on Door #(s):
A-112A A-133A A-134A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1HW 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 15

For use on Door #(s):
A-145A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | DOUBLE STOREROOM LOCK | 45H-7-W-14H | 626 | BES |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

NOTE: NOT AN EGRESS DOOR. ALWAYS LOCKED FROM BOTH SIDES

HARDWARE GROUP NO. 16

For use on Door #(s):
A-136B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | REMOVABLE MULLION | KR4954 STAB | 689 | VON |
| 2 | EA | DUMMY PUSH BAR | 330 | 626 | VON |
| 2 | EA | 90 DEG OFFSET PULL | 8190HD 10" O | 630 | IVE |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | AUTO OPERATOR | 4642 TBWMS 120 VAC | 689 | LCN |
| 1 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 1 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 1 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 2 | EA | ACTUATOR, TOUCH | 8310-853T/8310-818T AS REQ'D | 630 | LCN |
| 1 | EA | MULLION SEAL | 8780NBK | BK | ZER |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: PRESSING EITHER ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 17

For use on Door #(s):
A-121B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | DUMMY PUSH BAR | 330 | 626 | VON |
| 1 | EA | 90 DEG OFFSET PULL | 8190HD 10" O | 630 | IVE |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 1 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 1 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |

HARDWARE GROUP NO. 18

For use on Door #(s):
A-148B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | PANIC HARDWARE | 99-L-17 | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 19

For use on Door #(s):
A-122A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | PANIC HARDWARE | 99-L-17 | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 20

For use on Door #(s):
A-132B A-137B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | FIRE EXIT HARDWARE | 99-L-BE-F-17 | 626 | VON |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 488SCL PSA | CL | ZER |

HARDWARE GROUP NO. 21

For use on Door #(s):
A-204A A-209A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | ELEC FIRE EXIT HARDWARE | RX-99-L-BE-F-17 | 626 | VON |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 488SCL PSA | CL | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |
| 1 | EA | DOOR CONTACT | 679-05WD/679-05HM AS REQ | BLK | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR CONTACT MONITORS DOOR POSITION. RX SWITCH SHUNTS DOOR CONTACT FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 22

For use on Door #(s):
A-201A A-201B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | RX-99-L-17-ALK-WH (HARDWIRED OPTION) | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | OH STOP | 90S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XPT (SPECIAL TEMPLATE AS REQ'D) | 689 | LCN |
| 1 | EA | FLUSH CEILNG MTG PLATE | 4040XP-18G SRT | 689 | LCN |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | SET | WEATHER STRIPPING | BY DOOR/FRAME MANUFACTURER | | |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 65A | A | ZER |
| 1 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | POWER SUPPLY | PS902 900-4RL [COORINATE WITH ACCESS CONTROL] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: TRIM ON PULL SIDE CAN BE LEFT LOCKED OR UNLOCKED.

PATIO SIDE: DURING SCHOOL HOURS, ALARM KIT IS DISARMED VIA KEY.
AFTER HOURS, ALARM KIT IS ARMED. WHEN ARMED, OPENING DOOR FROM PATIO WILL SOUND LOCAL ALARM. FREE EGRESS AT ALL TIMES. DOOR CONTACT MONITORS DOOR POSITION.

UPON APPROVAL OF AHJ, PROVIDE KEYED DEADBOLT.

NOTE: DOORS REQUIRE SPECIAL 3/8" INCH UNDERCUT FOR ADA TYPE THRESHOLD.

HARDWARE GROUP NO. 23

For use on Door #(s):
A-104B A-108B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | PANIC HARDWARE | CD-99-NL | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 24

For use on Door #(s):
A-151B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | PANIC HARDWARE | LD-99-NL | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | DOOR CONTACT | 7764 | 628 | SCE |

OPERATION: DOOR CONTACT MONITORS DOOR POSITION.

HARDWARE GROUP NO. 25

For use on Door #(s):
A-114A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 2 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | REMOVABLE MULLION | KR4954 STAB | 689 | VON |
| 3 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | CD-RX-99-DT | 626 | VON |
| 1 | EA | ELEC PANIC HARDWARE | CD-RX-99-NL | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 2 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 2 | EA | KICK PLATE | 8400 10" X 1" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 2 | SET | MEETING STILE | 328AA-S | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | MULLION SEAL | 8780NBK | BK | ZER |
| 2 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 2 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR CONTACTS MONITOR DOOR POSITION. RX SWITCHES IN PANIC DEVICES SHUNT DOOR CONTACTS FOR VALID EGREE. FREE EGRESS AT ALL TIMES.

DOORS CAN BE DOGGED DOWN (PUSH/PULL OPERATION) VIA CYLINDER DOGGING.

HARDWARE GROUP NO. 26

For use on Door #(s):
A-104A A-108A A-127A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | CD-RX-99-NL | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR CONTACT MONITORS DOOR POSITION. RX SWITCH SHUNTS DOOR CONTACT FOR VALID EGRESS.

DOOR CAN BE DOGGED DOWN (PUSH/PULL OPERATION) VIA CYLINDER DOGGING.

HARDWARE GROUP NO. 27

For use on Door #(s):
A-156A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | ELEC PANIC HARDWARE | LD-RX-99-NL | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR CONTACT MONITORS DOOR POSITION. RX SWITCH SHUNTS DOOR CONTACT FOR VALID EGRESS.

HARDWARE GROUP NO. 28

For use on Door #(s):
A-114B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | PANIC HARDWARE | CD-99-NL | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 29

For use on Door #(s):
A-136A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 2 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | REMOVABLE MULLION | KR4954 STAB | 689 | VON |
| 3 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | SD-LX-RX-QEL-99-NL-OP-110MD 24 VDC | 626 | VON |
| 1 | EA | ELEC PANIC HARDWARE | SD-RX-QEL-99-EO 24 VDC | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 2 | EA | 90 DEG OFFSET PULL | 8190HD 10" O | 630 | IVE |
| 1 | EA | OH STOP | 100S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | AUTO OPERATOR | 4642 TBWMS 120 VAC | 689 | LCN |
| 1 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 1 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 1 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 2 | EA | ACTUATOR, TOUCH | 8310-853T/8310-818T AS REQ'D | 630 | LCN |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | MULLION SEAL | 8780NBK | BK | ZER |
| 1 | SET | WEATHER STRIPPING | BY DOOR/FRAME MANUFACTURER | | |
| 2 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 2 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | POWER SUPPLY | PS904 900-2RS [COORDINATE WITH ACCESS CONTROL PROVIDER] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. DOOR CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL OR BY CYLINDER DOGGING.

UNLOCKED HOURS: PRESSING ACTUATOR CYLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR.

DOORS REMAINS LOCKED UPON LOSS OF POWER. DOOR CONTACTS MONITOR DOOR POSITION. RX SWITCHES IN EXIT DEVICES SHUNT DOOR CONTACTS FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 30

For use on Door #(s):
A-148C

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | SD-RX-QEL-99-NL-OP-110MD 24 VDC | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | 90 DEG OFFSET PULL | 8190HD 10" O | 630 | IVE |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 1 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 1 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | SET | WEATHER STRIPPING | BY DOOR/FRAME MANUFACTURER | | |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | CARD READER | MT15 (BY ACCESS CONTROL PROVIDER) | BLK | SCE |
| 1 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | POWER SUPPLY | PS902 900-2RS [COORDINATE WITH ACCESS CONTROL PROVIDER] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. DOOR CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL OR BY CYLINDER DOGGING.

LOCKED HOURS: VALID CREDENTIAL MOMENTARILY UNLOCKS DOOR ALLOWING ENTRY. DOOR REMAINS LOCKED UPON LOSS OF POWER. DOOR CONTACT MONITORS DOOR POSITION. RX SWITCH IN EXIT DEVICE SHUNTS DOOR CONTACT FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 31

For use on Door #(s):
A-109B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 2 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | REMOVABLE MULLION | KR4954 STAB | 689 | VON |
| 3 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | SD-RX-QEL-99-EO 24 VDC | 626 | VON |
| 1 | EA | ELEC PANIC HARDWARE | SD-RX-QEL-99-NL-OP-110MD 24 VDC | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 2 | EA | 90 DEG OFFSET PULL | 8190HD 10" O | 630 | IVE |
| 2 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 2 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 2 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 2 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | MULLION SEAL | 8780NBK | BK | ZER |
| 1 | SET | WEATHER STRIPPING | BY DOOR/FRAME MANUFACTURER | | |
| 2 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | CARD READER | MT15 (BY ACCESS CONTROL PROVIDER) | BLK | SCE |
| 2 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | POWER SUPPLY | PS904 900-2RS [COORDINATE WITH ACCESS CONTROL PROVIDER] | LGR | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOORS NORMALLY CLOSED AND LOCKED. DOORS CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL OR BY CYLINDER DOGGING.

LOCKED HOURS: VALID CREDENTIAL MOMENTARILY UNLOCKS DOOR ALLOWING ENTRY. DOORS REMAINS LOCKED UPON LOSS OF POWER. DOOR CONTACTS MONITOR DOOR POSITION. RX SWITCHES IN EXIT DEVICES SHUNT DOOR CONTACTS FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 32

For use on Door #(s):
A-109A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 2 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | REMOVABLE MULLION | KR4954 STAB | 689 | VON |
| 3 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | CD-RX-99-EO | 626 | VON |
| 1 | EA | ELEC PANIC HARDWARE | CD-RX-99-NL-OP-110MD | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 2 | EA | 90 DEG OFFSET PULL | 8190HD 10" O | 630 | IVE |
| 2 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 2 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 2 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 2 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | MULLION SEAL | 8780NBK | BK | ZER |
| 1 | SET | WEATHER STRIPPING | BY DOOR/FRAME MANUFACTURER | | |
| 2 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 2 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR CONTACTS MONITOR DOOR POSITION. RX SWITCHES IN PANIC DEVICES SHUNT DOOR CONTACTS FOR VALID EGREE. FREE EGRESS AT ALL TIMES.

DOORS CAN BE DOGGED DOWN (PUSH/PULL OPERATION) VIA CYLINDER DOGGING.

HARDWARE GROUP NO. 33

For use on Door #(s):
A-121A A-132A A-137A A-148A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD EPT | 628 | IVE |
| 1 | EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 | EA | MORTISE CYLINDER | 1E74 | 626 | BES |
| 1 | EA | ELEC PANIC HARDWARE | CD-RX-99-NL-OP-110MD | 626 | VON |
| 1 | EA | RIM CYLINDER | 1E72 | 626 | BES |
| 1 | EA | 90 DEG OFFSET PULL | 8190HD 10" O | 630 | IVE |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | MOUNTING PLATE | 4040XP-18PA AS REQ'D | 689 | LCN |
| 1 | EA | CUSH SHOE SUPPORT | 4040XP-30 AS REQ'D | 689 | LCN |
| 1 | EA | BLADE STOP SPACER | 4040XP-61 AS REQ'D | 689 | LCN |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | SET | WEATHER STRIPPING | BY DOOR/FRAME MANUFACTURER | | |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |
| 1 | EA | DOOR CONTACT | 7764 | 628 | SCE |
| 1 | EA | DIAGRAM | ELEVATION | | DLR |
| 1 | EA | DIAGRAM | POINT TO POINT | | DLR |

OPERATION: DOOR CONTACT MONITORS DOOR POSITION. RX SWITCH SHUNTS DOOR CONTACT FOR VALID EGRESS.

DOOR CAN BE DOGGED DOWN (PUSH/PULL OPERATION) VIA CYLINDER DOGGING.

HARDWARE GROUP NO. 34

For use on Door #(s):
A-103B A-107B A-118B A-118C A-128B A-201C
A-201D

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| | EA | | NO HARDWARE REQUIRED - BORROWED LITE | | |

HARDWARE GROUP NO. 35

For use on Door #(s):
A-153B A-153C

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CYLINDER | RIM/MORTISE CYLINDER AS REQ'D | 626 | BES |
| | EA | NOTE | BALANCE OF HARDWARE BY DOOR MFR | | |

## COMMUNITY BUILDING:

HARDWARE GROUP NO. 36

For use on Door #(s):
A-105A A-105B A-108A A-108B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | CLASSROOM DEADBOLT | 48H-7-R | 626 | BES |
| 1 | EA | PUSH PLATE | 8200 4" X 16" | 630 | IVE |
| 1 | EA | PULL PLATE | 8303 10" 4" X 16" | 630 | IVE |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |

NOTE: THUMB TURN ON INSIDE RETRACTS DEADBOLT ONLY. NOT ABLE TO THROW DEAD BOLT FROM INSIDE. FREE EGRESS AT ALL TIMES.

HARDWARE GROUP NO. 37

For use on Door #(s):
A-104A A-111A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | PRIVACY SET | 45H-0-LT-14H-VIN | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 65A | A | ZER |

NOTE: DOORS REQUIRE SPECIAL 3/8" INCH UNDERCUT FOR ADA TYPE THRESHOLD.

HARDWARE GROUP NO. 38

For use on Door #(s):
A-109A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | PRIVACY SET | 45H-0-LT-14H-VIN | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 488SCL PSA | CL | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |

HARDWARE GROUP NO. 39

For use on Door #(s):
A-101A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |

HARDWARE GROUP NO. 40

For use on Door #(s):
A-115A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 488SCL PSA | CL | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |

HARDWARE GROUP NO. 41

For use on Door #(s):
A-110A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 3 | EA | SILENCER | Q146 | | STE |

HARDWARE GROUP NO. 42

For use on Door #(s):
A-114A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 65A | A | ZER |

NOTE: DOORS REQUIRE SPECIAL 3/8" INCH UNDERCUT FOR ADA TYPE THRESHOLD.

HARDWARE GROUP NO. 43

For use on Door #(s):
A-106A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | WALL STOP | WS401/402CVX | 626 | IVE |
| 1 | EA | GASKETING | 488SCL PSA | CL | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 544A | A | ZER |

HARDWARE GROUP NO. 44

For use on Door #(s):
A-103A A-112A A-113A

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | AUTO FLUSH BOLT | FB31P/FB41P AS REQ'D | 630 | IVE |
| 1 | EA | DUST PROOF STRIKE | DP2 | 626 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | COORDINATOR | COR X FL (MB/MBF AS REQ'D) | 628 | IVE |
| 2 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 2 | EA | KICK PLATE | 8400 10" X 1" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | SET | MEETING STILE | 328AA-S | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 2 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |

HARDWARE GROUP NO. 45

For use on Door #(s):
A-101B A-101C A-101D A-101E A-114B A-114C

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CYLINDER | RIM/MORTISE CYLINDER AS REQ'D | 626 | BES |
| | EA | NOTE | BALANCE OF HARDWARE BY DOOR MFR | | |

## SITE BUILDINGS:

HARDWARE GROUP NO. 01

For use on Door #(s):
C-101A.A C-101A.B C-101D.A C-101D.B D-101A.A D-101A.B
D-101A.C

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 1 | EA | KICK PLATE | 8400 10" X 1 1/2" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |

HARDWARE GROUP NO. 02

For use on Door #(s):
A-201A.A A-201A.B A-201A.C

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 3 | EA | HINGE | 5BB1 4.5 X 4.5 | 652 | IVE |
| 1 | EA | CLASSROOM LOCK | 45H-7-R-14H | 626 | BES |
| 1 | EA | OH STOP | 100S | 630 | GLY |

HARDWARE GROUP NO. 03

For use on Door #(s):
A-101B.A A-101B.B A-101B.C

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | OH STOP | 90S | 630 | GLY |
| 1 | EA | SURFACE CLOSER | 4040XP RW/PA | 689 | LCN |
| 1 | EA | SURFACE CLOSER | 4040XPT (SPECIAL TEMPLATE AS REQ'D) | 689 | LCN |
| 1 | EA | FLUSH CEILNG MTG PLATE | 4040XP-18G SRT | 689 | LCN |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 1 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 65A | A | ZER |

NOTE: DOORS REQUIRE SPECIAL 3/8" INCH UNDERCUT FOR ADA TYPE THRESHOLD.

HARDWARE GROUP NO. 04

For use on Door #(s):
A-101A.A A-101A.B A-101A.C B-101A.A B-101A.B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 2 | EA | CONT. HINGE | 112HD | 628 | IVE |
| 1 | EA | AUTO FLUSH BOLT | FB31P/FB41P AS REQ'D | 630 | IVE |
| 1 | EA | DUST PROOF STRIKE | DP2 | 626 | IVE |
| 1 | EA | STOREROOM LOCK | 45H-7-D-14H | 626 | BES |
| 1 | EA | COORDINATOR | COR X FL (MB/MBF AS REQ'D) | 628 | IVE |
| 2 | EA | SURFACE CLOSER | 4040XP SCUSH | 689 | LCN |
| 2 | EA | KICK PLATE | 8400 10" X 1" LDW B-CS | 630 | IVE |
| 1 | EA | RAIN DRIP | 142AA | AA | ZER |
| 1 | SET | MEETING STILE | 328AA-S | AA | ZER |
| 1 | EA | GASKETING | 429AA | AA | ZER |
| 2 | EA | DOOR SWEEP | 39A | A | ZER |
| 1 | EA | THRESHOLD | 655A | A | ZER |

HARDWARE GROUP NO. 05

For use on Door #(s):
C-101B.A C-101B.B C-101C.A C-101C.B

Provide each OPENING with the following:

| QTY | | DESCRIPTION | CATALOG NUMBER | FINISH | MFR |
|---|---|---|---|---|---|
| 1 | EA | CYLINDER | RIM/MORTISE CYLINDER AS REQ'D | 626 | BES |
| | EA | NOTE | BALANCE OF HARDWARE BY DOOR MFR | | |

# SECTION 32 31 13
# CHAIN LINK FENCES AND GATES

## 1 General

### 1.1 Section Includes

A. Fence posts, framework, fabric, and accessories.

B. Concrete anchorage for posts and center drop for gates.

C. Tennis Court Fencing.

D. Gates and related hardware, including motorized opener.

E. Baseball/Softball backstops.

### 1.2 Related Sections

A. Section 32 13 80 - Exterior Concrete: Concrete anchorage for posts.

### 1.3 References

A. ASTM A123 - Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.

B. ASTM A428 - Weight of Coating on Aluminum-Coated Iron or Steel Articles.

C. ASTM A491 - Aluminum Coated Steel Chain-Link Fence Fabric.

D. ASTM A569 - Steel, Carbon, (0.15 Maximum, Percent) Hot-Rolled Sheet and Strip Commercial Quality.

E. ASTM A585 - Aluminum Coated Steel Barbed Wire.

F. ASTM C94 - Ready-Mixed Concrete.

G. ASTM F567 - Standard Installation of Chain-Link Fence.

H. ASTM F668 - Poly(Vinyl Chloride) (PVC) - Coated Steel Chain-Link Fence Fabric.

I. ASTM F669 - Strength Requirements of Metal Posts and Rails for Industrial Chain Link Fence.

J. ASTM F1083 - Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures.

K. ASTM F1234 - Protective Coatings on Steel Framework for Fences.

### 1.4 Quality Assurance

A. Manufacturer and Installer: Company specializing in commercial quality chain link fencing with five (5) years experience.

B. Installation: ASTM F567.

### 1.5 Submittals

A. Submit shop drawings and product data under provisions of Division 1.

B. Include plan layout, elevation, spacing of components, accessories, fittings, hardware, anchorages, and schedule of components.

**1.** Delegated Design: Provide design calculations for all framing, posts, rails, fabric, and footings, sealed by a Professional Engineer registered in the State of Indiana, for the Backstop conditions.

C. Submit manufacturer's installation instructions under provisions of Division 1.

D. Submit samples under provisions of Division 1.

## 2 Products

### 2.1 Materials

A. Type I Framework: ASTM F1083; Schedule 40 galvanized vinyl coated, fusion bonded steel pipe, standard __ weight, one piece without joints welded joints permitted.

B. Fabric: ASTM A491; aluminum coated steel zinc-coated steel aluminum alloyASTM F668; vinyl coated fusion-bonded steel.

### 2.2 Finishes

A. Vinyl Coating: Black color, on galvanized coating; 7 mil thickness for fabric; 10 mil thickness for framing.

B. Vinyl Components: Black color.

C. Accessories: Same finish as framing fabric.

### 2.3 Concrete Mix

A. Concrete: As specified in Section 32 13 80.

## 2.4 Chain Link Fence And Gate Components

A. Framework: Weights shown are based on Type I Pipe. Weights shown in parentheses are based on Type II Pipe.

1. Line Posts:

| Fabric Height | Line Post | Corner & Terminal Post | Top Rail | Mid Rail |
|---|---|---|---|---|
| 4' - 6' | 1.90" OD Pipe @ 2.72# (2.28#) | 2.375" OD Pipe @ 3.65# (3.12#) | 1.66" OD Pipe @ 2.27# (1.84#) | --- |
| 8' | 2.375" OD Pipe @ 3.65# (3.12#) | 2.875" OD Pipe @ 5.79# (4.64#) | 1.66" OD Pipe @ 2.27# (1.84#) | 1.66" OD Pipe @2.27# (1.84#) |
| 10' - 12' | 2.875" OD Pipe @ 5.79# (4.64#) | 4.0" OD Pipe @ 9.11# (6.56#) | 1.66" OD Pipe @ 2.27# (1.84#) | 1.66 OD Pipe @ 2.27# (1.84#) |

2. Gate Frames:

| Gate Height | Leaf Width | Frame |
|---|---|---|
| 6' or less | 4' or less | 1.66" OD Pipe @ 2.27# (1.84#) |
| 6' to 12' | over 4' | 1.90" OD Pipe @ 2.72# (2.28#) |

3. Gate Posts: Posts for supporting single gate leaf, or one leaf of a double gate.

| Leaf Width | Post |
|---|---|
| 6' or less | 2.875" OD Pipe @ 5.79# (4.64#) |
| over 6' to 12' | 4.0" OD Pipe @ 9.11# (6.56#) |
| over 12' to 18' | 6.625" OD Pipe @ 18.97# |
| over 18' | 8.625" OD Pipe @ 28.55# |

4. Baseball/Softball Backstops: (Minimum Standards)

| Fabric Height | Line Post | Corner & Terminal Post | Top Rail | Mid Rail |
|---|---|---|---|---|
| 18' to 20' | 6.625" OD Pipe @ 18.97# | 8.625" OD Pipe @ 28.55# | 2.875" OD Pipe @ 5.79# | 2.875" OD Pipe @ 5.79# |
| 28' to 30' | 8.625" OD Pipe @ 28.55# | 8.625" OD Pipe @ 28.55# | 2.875" OD Pipe @ 5.79# | 2.875" OD Pipe @ 5.79# |

5. Cantilever Sliding Gates: Posts sizes, Rails, and Framework sized per manufacturer's recommendation.

B. Standard Fabric: 1.75-inch diamond mesh steel wire, interwoven, 9 gauge thick, top knuckle selvage, bottom knuckle selvage.

1. Tennis Court Fence Fanric: 1 3/4 -inch diamond mesh, 11 gauge, knuckled top and bottom.

2. Baseball/Softball Backstop Fabric: 2-inch diamond mesh, 9 gauge, knuckled selvage top and bottom, as shown on Drawings.

3. Fabric gauge for vinyl coated fabric is before vinyl coating.

C. Caps: Aluminum alloy; sized to post dimension, set screw retained.

D. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; steel.

E. Tension Wire: 7 gauge thick steel, single strand.

F. Truss Rods: 3/8-inch diameter, galvanized steel.

G. Gate Hardware: Center gate stop and drop rod;Mechanical keepers; three 180 degree gate heavy-duty hinges per leaf and hardware for padlock.

## 2.5 Cantilever Sliding Gates

A. Galvanized steel, heavy duty track, ball-bearing hanger sheaves, framing and supports, guides, stays, bracing, stops, provision for padlock and catches as required for a complete, operable assembly.

B. Cantilever Sliding Gate Operator: Electric, ground-mounted, 1 hp, 208 V, single phase, motor capable of opening gate at the rate of 50 feet per minute.

1. Motor Housing: Weatherproof, construct to allow easy access for repairs and adjustments.

2. Three button controls with 24V wiring.

3. Operator: Linear/OSCO Model HSLG-121, with mounting accessories, or approved equal.

### 2.6 Portable Fencing

A. Basis of Design: As manufactured by SportaFence Marketing Enterprises, LLC or approved equal, Model – SportaFence Wheeled Fence.

B. Heavy-duty portable chainlink fence panels, Size – 6' high x 10' long.

C. Fencing Fabric: Galvanized 8-gauge chainlink Fence, with Black Vinyl Coating to match other fence as additional option.

D. Posts and Frame: Galvanized fence posts and framing/bracing, manufacturers standard.

E. Connectors: Devices for connecting panels together – manufactures standard.

F. Collapsable Legs for storage, manufacturers standard.

G. Provide custom portable chainlink fence panel, 6' high x X'long as required based on size required to complete the connections to both ends of the fixed JV Baseball Fencing. Provide means for connection to the fixed fencing in order to lock the fencing in place.

### 2.7 Turnstile

A. Model MST-TE, hot dipped galvanized finish, as manufactured by Alvarado Manufacturing Co., Chino, California; (800-423-4143), or approved equal.

B. Provide unit that is motorized with Access Control capable of setting unit for open access during specific hours of the day.

C. Location: One unit at Tennis Courts, refer to Site Plan.

## 3 Execution

### 3.1 Fencing

A. Install framework, fabric, accessories, and gates in accordance with ASTM F567.

B. Provide fence (see site plan) feet nominal heightof height indicated.

C. Space line posts at intervals not exceeding 10 feet.

D. Set terminal gate and line posts plumb, in concrete footings with top of footing 2 inches above 6 inches (150 millimeters) below finish grade except for tennis courts and backstop, which shall be flush with grade**, or as detailed in drawings**.

1. Slope top of concrete for water runoff.

2. Footing Depth Below Finish Grade: 48 inches.

3. Footing Diameter: Post diameter plus 8 inches, unless indicated otherwise on drawings.

E. Set Tennis Court Posts in Concrete per Details.

F. Provide top rail through line post tops and splice with 7 inch long rail sleeves.

G. Brace each gate and corner post back to adjacent line post with horizontal center brace rail, and diagonal truss rods.

1. Install brace rail, one bay from end and gate posts.

H. Install center and bottom brace rail on corner and gate leaves.

I. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.

J. Position bottom of fabric 2 inches above finished grade, except for tennis courts and backstops which shall be flush with grade.

K. Fasten fabric to top rail, line posts, braces, and bottom tension wire with wire ties maximum 15 inches on center.

L. Attach fabric to end, corner, and gate posts with tension bars and tension bar clips.

M. Install bottom tension wire stretched taut between terminal posts.

N. Clamp fence posts to ground wires where provided by Electrical Contractor.

O. Secure fence top protection with fasteners per manufacturer's instructions.

## 3.2 Gates

A. Install gates with fabric overhang to match fence.

1. Install three hinges per leaf, latch, catches, drop bolt foot bolts and sockets torsion spring retainer retainer and locking claim.

B. Provide concrete center drop to foundation depth and drop rod retainers at center of double gate openings.

C. Install sliding gate in accordance with manufacturer's recommendations.

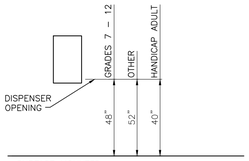
1. Adjust for smooth operation.

## 3.3 Portable Fencing

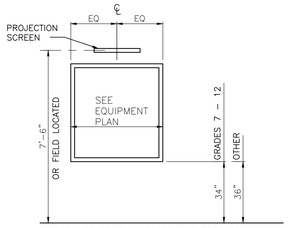
A. Portable Fencing placement:

1. Refer to Plan and location on JV Baseball Field – provide sufficient number of portable units for length indicated on Drawings – lengths of units can vary to allow for exact closure of arched fence condiiton and return end section.

## END OF SECTION

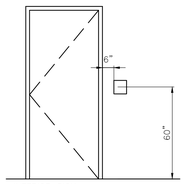


SURFACE MOUNTED
PAPER TOWEL DISPENSER

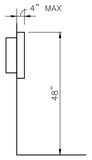


CORK BOARD CHALKBOARD MARKERBOARD
PROJECTION SCREEN MULTI MEDIA DISPLAY BOARD

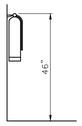
NOTE: VERIFY HEIGHT WITH OWNER



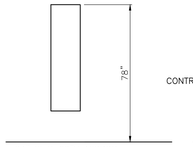
INTERIOR SIGN



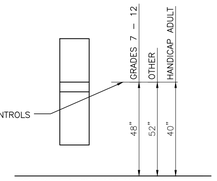
FIRE EXTINGUISHER CABINET



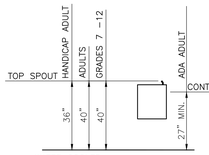
FIRE EXTINGUISHER WALL HUNG



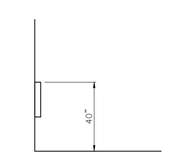
24" W X 60"H MIRROR



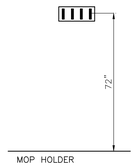
RECESSED & SURFACE MOUNTED
COMBINATION TOWEL AND WASTE
RECEPTACLE



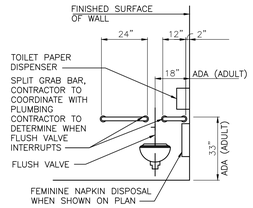
WATER COOLER
DRINKING FOUNTAIN CUSPIDOR

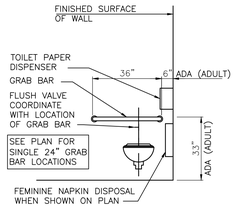


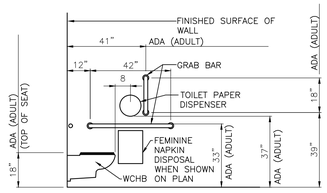
SURFACE MOUNTED
SEMI–RECESSED WASTE
RECEPTACLE

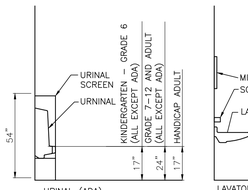


MOP HOLDER

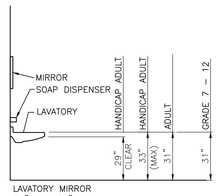


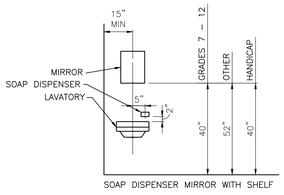



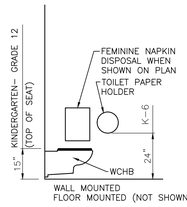
URINAL (ADA)
URINAL SCREEN



LAVATORY MIRROR
24" W X 30" H



SOAP DISPENSER MIRROR WITH SHELF



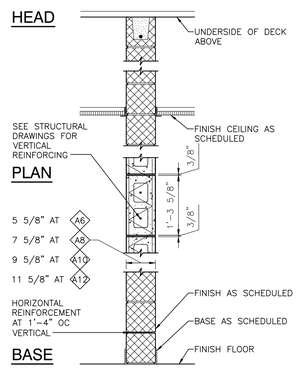
WALL MOUNTED
FLOOR MOUNTED (NOT SHOWN)

WATER CLOSET – CHILDREN

NOT ALL ITEMS SHOWN MAY APPLY FOR THIS PROJECT

## MOUNTING HEIGHTS

2 / G-301




A6 6" CMU EXTENDS TO BOTTOM OF DECK ABOVE.

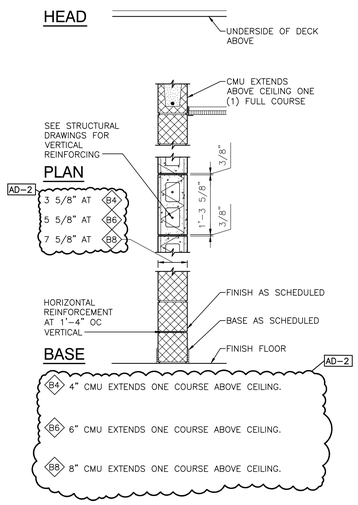
A8 8" CMU EXTENDS TO BOTTOM OF DECK ABOVE.

A10 10" CMU EXTENDS TO BOTTOM OF DECK ABOVE.

A12 12" CMU EXTENDS TO BOTTOM OF DECK ABOVE.

## PARTITION TYPE "A"

SCALE: 3/4" = 1'–0"




B4 4" CMU EXTENDS ONE COURSE ABOVE CEILING.

B6 6" CMU EXTENDS ONE COURSE ABOVE CEILING.

B8 8" CMU EXTENDS ONE COURSE ABOVE CEILING.

## PARTITION TYPE "B"

SCALE: 3/4" = 1'–0"

## GENERAL PARTITION NOTES:

A. REFER TO FINISH PLANS FOR WALL FINISH AND BASE INFORMATION.

B. REFER TO WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION.

C. PROVIDE MOLD/MOISTURE RESISTANT GYPSUM BOARD ON WALLS WITH OPERABLE PLUMBING FIXTURES AND WITHIN 4 FEET OF DRINKING FOUNTAINS, WATER COOLERS AND BOTTLE FILLERS UNLESS NOTED OTHERWISE.

D. ALL WALLS THAT ARE NOT INDICATED TO EXTEND TO THE UNDERSIDE OF DECK ABOVE SHELL EXTEND TO 4" MINIMUM ABOVE FINISHED CEILING UNLESS NOTED OTHERWISE.

E. PROVIDE LATERAL BRACING FOR PARTITIONS WHICH EXTEND ABOVE CEILING.

F. PROVIDE SPECIFIED TILE BACKER BOARD AT ALL WALLS SCHEDULED TO RECEIVE CERAMIC OR PORCELAIN.

G. PROVIDE ABUSE RESISTANT GYPSUM BOARD WHERE INDICATED ON DRAWINGS AND IN ALL CORRIDORS, COLUMNS AND PASSAGES INDICATED TO RECEIVE GYPSUM BOARD. AT WALLS TO RECEIVE WALL COVERING PER FINISH PLANS DISREGARD ABUSE RESISTANT GYPSUM REQUIREMENT AND PROVIDE STANDARD GYPSUM BOARD.

H. REFER TO STRUCTURAL DRAWINGS FOR BOND BEAMS AND VERTICAL REINFORCING AT MASONRY WALLS, UNLESS NOTED OTHERWISE.

I. STEEL STUD FRAMING SHALL BE ATTACHED/BRACED TO STRUCTURAL FRAMING AND NOT TO ROOF DECK, UNLESS NOTED OTHERWISE.

J. ISOLATE NON–LOAD–BEARING STUD FRAMING FROM BUILDING STRUCTURE TO PREVENT TRANSFER OF VERTICAL LOADS WHILE PROVIDING LATERAL SUPPORT AS SPECIFIED.

K. PACK DECK FLUTE VOIDS AT NON–RATED WALLS WITH MINERAL WOOL. FILL DECK FLUTE VOIDS AT RATED WALLS WITH FIRESTOPPING. REFER TO PROJECT MANUAL.

L. PROVIDE FIRE RESISTIVE RATED GYPSUM WALL BOARD AT ALL RATED ASSEMBLIES TO MEET ASSEMBLY REQUIREMENTS.

M. PROVIDE FIRE RESISTIVE JOINT SYSTEMS EQUAL TO WALL RATING AT ALL PENETRATIONS AND AT HEAD/FLOOR INTERSECTIONS WITH RATED ASSEMBLIES.

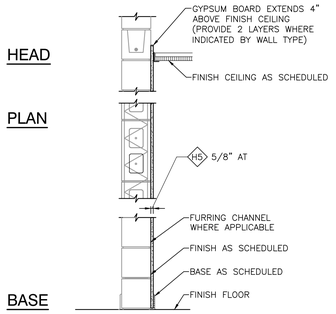
N. PROVIDE ACOUSTICAL INSULATION AT INTERIOR WALLS NOTED TO RECEIVE BLANKET INSULATION.

O. PROVIDE ACOUSTICAL SEALANT AT WALL SILL, HEAD, PENETRATIONS, AND ADDITIONAL SPECIFIED SOUND ATTENUATION COMPONENTS AT SOUND RATED WALLS.

P. STUD SPACING SHALL BE 16" O.C. UNLESS NOTED OTHERWISE.

Q. REFER TO BUILDING SECTIONS AND WALL SECTIONS FOR BOTTOM OF ROOF DECK HEIGHT ABOVE FINISHED FLOOR. FIELD VERIFY EXISTING CONDITIONS AND NOTIFY DESIGN TEAM OF CONFLICTS.

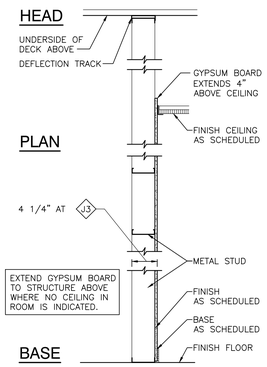
R. ALL WALLS EXTENDING TO DECK SHALL BE TREATED AS SOUND RESISTANT WALLS.




H5 ONE (1) LAYER OF 5/8" GYPSUM BOARD OVER WALL CONSTRUCTION. TREATED FURRING STRIPS AS REQUIRED.

## PARTITION TYPE "H"

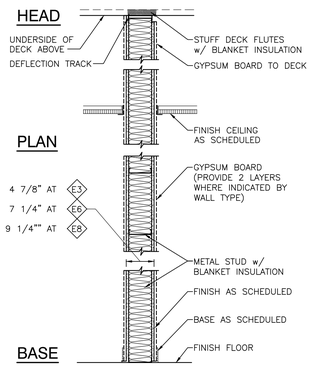
SCALE: 3/4" = 1'–0"




J3 3 5/8" METAL STUD w/ 5/8" GYPSUM BOARD ON ONE SIDE.

## PARTITION TYPE "J"

SCALE: 3/4" = 1'–0"



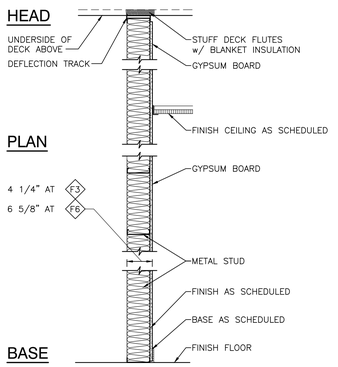

E3 3 5/8"" METAL STUD w/ 5/8" GYPSUM BOARD ON BOTH SIDES.

E6 6" METAL STUD w/ 5/8" GYPSUM BOARD ON BOTH SIDES.

E8 8" METAL STUD w/ 5/8" GYPSUM BOARD ON BOTH SIDES.

## PARTITION TYPE "E"

SCALE: 3/4" = 1'–0"

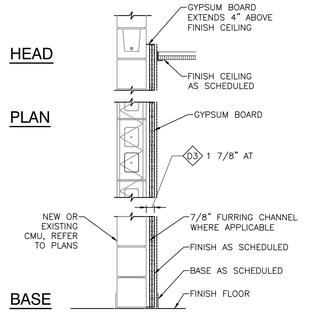



F3 3 5/8"" METAL STUD w/ BLANKET INSULATION AND 5/8" GYPSUM BOARD ON ONE SIDE.

F6 6" METAL STUD w/ BLANKET INSULATION AND 5/8" GYPSUM BOARD ON ONE SIDE.

## PARTITION TYPE "F"

SCALE: 3/4" = 1'–0"




D2 7/8" FURRING CHANNEL AND ONE (1) LAYERS OF 5/8" GYPSUM BOARD OVER CMU.

D3 7/8" FURRING CHANNEL AND TWO (2) LAYERS OF 1/2" GYPSUM BOARD OVER CMU.

## PARTITION TYPE "D"

SCALE: 3/4" = 1'–0"

## WALL PARTITION TYPES

1 / G-301

## GENERAL PROJECT NOTES:

(APPLY TO ENTIRE DRAWING SET)

A. ALL CONTRACTORS SHALL CHECK ENTIRE SET OF CONTRACT DOCUMENTS FOR THE EXTENT OF WORK.

B. EACH TRADE SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

C. EACH TRADE SHALL COORDINATE WITH THE APPROPRIATE CONTRACTOR(S) AND VERIFY SIZE AND LOCATION OF ALL RECESSES, CHASES, PADS, & OPENINGS REQUIRED FOR MECHANICAL, ELECTRICAL AND OTHER EQUIPMENT.

D. EACH TRADE SHALL COORDINATE WITH THE APPROPRIATE CONTRACTOR(S) AND VERIFY LOCATION, HEIGHT, AND DEPTH OF BULKHEADS PRIOR TO BULKHEAD CONSTRUCTION.

E. THE BOTTOM OF ALL CONVECTOR FAN COIL, AND UNIT HEATER RECESSES SHALL BE INSTALLED A MINIMUM OF 6" AND A MAXIMUM OF 12" ABOVE FLOOR LINE. PLACE MASONRY LINTELS AT UNCUT COURSING HEIGHT. COORDINATE OPENINGS WITH APPROPRIATE CONTRACTOR(S).

F. FLOOR ELEVATIONS, GRADES, DIMENSIONS, CLEARANCES, AND CONDITIONS OF EXISTING CONSTRUCTION INDICATED ON THESE DRAWINGS SHALL BE FIELD VERIFIED BY ALL CONTRACTOR(S). REPORT CONFLICTS OR DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK.

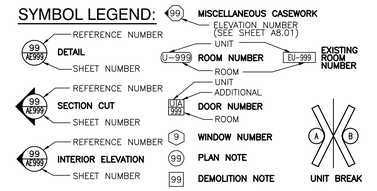
G. ALL ITEMS OF EQUIPMENT OR MATERIALS NOT MARKED OR INDICATED AS EXISTING ARE NEW AND SHALL BE FURNISHED BY THE APPROPRIATE CONTRACTOR.

H. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING INDICATED ON THE ARCHITECTURAL DRAWINGS RELATED TO INSTALLATION OR REMOVAL OF WORK OF THE MECHANICAL AND ELECTRICAL TRADES. ALL REQUIRED CUTTING MAY NOT BE SHOWN. ANY ADDITIONAL CUTTING AND PATCHING REQUIRED, WHICH IS NOT INDICATED ON THE ARCHITECTURAL DRAWINGS, SHALL BE THE RESPONSIBILITY OF THE TRADE REQUIRING THE ACCESS, AS PROVIDED FOR IN THE SPECIFICATIONS.

I. PLUMBING AND ELECTRICAL ITEMS (SUCH AS SINKS, TOILETS, PANELS, ETC.) MAY APPEAR "DASHED" FOR DEMOLITION ON SEVERAL DRAWINGS INCLUDING ARCHITECTURAL SHEETS. REMOVAL OF THESE ITEMS SHALL BE BY THE APPROPRIATE TRADES.

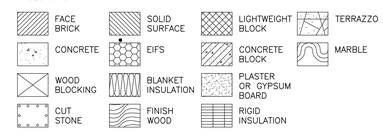
J. ALL ITEMS NOTED FOR REMOVAL SHALL BE REMOVED COMPLETELY, INCLUDING ENTIRE SYSTEMS OF SUSPENSION, ANCHORS, CLIPS, AND ADHESIVES, ETC. RELATED TO THAT ITEM. REMOVAL SHALL BE PERFORMED CAREFULLY TO MINIMIZE DAMAGE, PARTICULARLY ITEMS TO BE SALVAGED FOR REUSE OR RETURNED TO THE OWNER.

## SYMBOL LEGEND:




## MATERIAL INDICATIONS:

IN GENERAL, THE MATERIAL INDICATIONS SHOWN BELOW ARE TYPICAL. HOWEVER, ALL MATERIAL INDICATIONS PRESENTED HERE MAY NOT BE USED ON THIS PARTICULAR PROJECT. THESE SYMBOLS TYPICALLY INDICATE THE MATERIALS WHEN SECTIONED THROUGH ON PLANS, DETAILS AND WALL SECTIONS.




## LINE SYMBOLOGY:

IN GENERAL THE FOLLOWING LINE SYMBOLOGY CONVENTIONS APPLY TO THE ENTIRE SET OF DRAWINGS FOR THIS PROJECT. EXISTING AND DEMOLITION SYMBOLOGY APPLY TO ADDITION AND RENOVATION PROJECTS ONLY.

"SCREENED" BACKGROUND LINES (LIGHT GRAY LINES) INDICATE EXISTING CONSTRUCTION WALLS, PIPES, LIGHTS, ETC.

HEAVY DASHED LINES INDICATE DEMOLITION ITEMS ON DEMOLITION DRAWINGS. DEMOLITION DRAWINGS ALSO INDICATE DEMOLITION WORK WITH "LIGHT" DASHED LINES WHEN DEMOLITION WORK IS NOT SPECIFICALLY RELATED TO THE CURRENT SHEET. (FOR EXAMPLE: WALLS BEING REMOVED APPEAR AS HEAVY DASHED LINES ON THE ARCHITECTURAL PLANS AND APPEAR AS LIGHT DASHED LINES ON HVAC, LIGHTING, ETC. PLANS.)

SOLID LINES ON NEW ("NON–DEMOLITION") DRAWINGS INDICATE NEW WORK.

PLAN EXAMPLES:

EXISTING WALL

EXISTING WALL TO BE REMOVED

NEW STUD WALL

NEW CMU WALL

## ARCHITECTURAL ABBREVIATIONS:

THE ARCHITECTURAL ABBREVIATIONS LISTED BELOW ARE TYPICAL. HOWEVER ALL ABBREVIATIONS PRESENTED HERE HAVE NOT BEEN USED ON THIS PARTICULAR PROJECT. SEE ROOM FINISH SCHEDULE LEGENDS FOR ADDITIONAL ABBREVIATIONS USED ONLY ON THE ROOM FINISH SCHEDULE.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| AC | ACOUSTICAL | GA | GAGE | RB | RUBBER BASE |
| AFF | ABOVE FINISHED FLOOR | GALV | GALVANIZED | RC | ROOF CONDUCTOR |
| | | GYP | GYPSUM | RD | ROOF DRAIN |
| ALUM | ALUMINUM | | | REINF | REINFORCING, OR REINFORCEMENT |
| ALT | ALTERNATE | HM | HOLLOW METAL | | |
| ANOD | ANODIZED | HORIZ | HORIZONTAL | RESIL | RESILIENT |
| ARCH | ARCHITECTURAL | | | REV | REVISION |
| | | ID | INSIDE DIAMETER | RM | ROOM |
| BD | BOARD | INSUL | INSULATED, OR INSULATION | RO | ROUGH OPENING |
| BLK | BLOCK | | | RV | ROOF VENT |
| BLKHD | BULKHEAD | INT | INTERIOR | | |
| | | | | SF | SQUARE FEET |
| CAB | CABINET | JAN | JANITOR | SIM | SIMILAR |
| CB | CHALKBOARD | | | SM | SMOOTH |
| CEM | CEMENT, | KCP | KEENE'S CEMENT PLASTER | SPEC | SPECIFICATION |
| CER | CERAMIC | | | SQ | SQUARE |
| CPOI | CONTRACTOR FURNISHED OWNER INSTALLED | LAV | LAVATORY | SS | STAINLESS STEEL |
| | | LTWT | LIGHTWEIGHT | ST. A | STEEL ANGLE |
| | | | | ST. C | STEEL CHANNEL |
| CL | CENTERLINE | | | ST. M | STEEL M–SHAPE |
| CLG | CEILING | MARB | MARBLE | ST. P | STEEL STRUCTURAL TUBE |
| CJ | CONTROL JOINT | MB | MARKERBOARD | | |
| CLRM | CLASSROOM | MAS | MASONRY | ST. W | STEEL W–SHAPE |
| CONC | CONCRETE | MAX | MAXIMUM | STD | STANDARD |
| CONF | CONFERENCE | MC | MISC. STEEL CHANNEL | STL | STEEL |
| CONT | CONTINUOUS | MECH | MECHANICAL | STOR | STORAGE |
| CORK | CORKBOARD | MIN | MINIMUM | SYNTH | SYNTHETIC |
| CSWK | CASEWORK | MISC | MISCELLANEOUS | SYS | SYSTEM |
| CT | CERAMIC TILE | MO | MASONRY OPENING | | |
| | | MR | MOISTURE RESISTANT | TEL | TELEPHONE |
| DEG | DEGREE | MTD | MOUNTED | TER | TERRAZZO |
| DEMO | DEMOLITION | MTL | METAL | TYP | TYPICAL |
| DF | DRINKING FOUNTAIN | | | | |
| DIA | DIAMETER | NA | NOT APPLICABLE | UNFIN | UNFINISHED |
| DN | DOWN | NTS | NOT TO SCALE | | |
| | | | | VB | VINYL BASE |
| EIFS | EXTERIOR INSULATION AND FINISH SYSTEM | OC | ON CENTER | VCT | VINYL COMPOSITION TILE |
| | | OD | OUTSIDE DIAMETER | | |
| ELEC | ELECTRICAL | OFCI | OWNER FURNISHED CONTRACTOR INSTALLED | VEN. | VENEER |
| EQ | EQUAL | | | VERT | VERTICAL |
| EQUIP | EQUIPMENT | OFOI | OWNER FURNISHED OWNER INSTALLED | VFOI | VENDOR FURNISHED OWNER INSTALLED |
| EWC | ELECTRIC WATER COOLER | OFVI | OWNER FURNISHED VENDOR INSTALLED | VFVI | VENDOR FURNISHED VENDOR INSTALLED |
| EXIST | EXISTING | OFF | OFFICE | VIN. | VINYL |
| EJ | EXPANSION JOINT | ORD | OVERFLOW ROOF DRAIN | VWC | VINYL WALL COVERING |
| EXT | EXTERIOR | | | | |
| | | PERF | PERFORATED | W/ | WITH |
| FD | FLOOR DRAIN | PL | PLATE | W/O | WITHOUT |
| FE | FIRE EXTINGUISHER | PLAM | PLASTIC LAMINATE | WD | WOOD |
| FEC | FIRE EXTINGUISHER CABINET | PLAS | PLASTER | WSCT | WAINSCOT |
| | | PORC | PORCELAIN | WWF | WELDED WIRE FABRIC |
| FRP | FIBERGLASS REINFORCED PANEL | PRCST | PRECAST | | |
| | | PTN | PARTITION | | |
| FWC | FABRIC WALL COVERING | QT | QUARRY TILE | | |
| | | QTY | QUANTITY | | |


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN


PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
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Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778


PROJECT 23–115

DATE 09/25/23

COORDINATED BY TA

DRAWN BY NW

CHECKED BY TA/NW

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD–1 | 10/10/23 | ADDENDUM NO. 1 |
| AD–2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

TYPICAL ACCESSIBLE MOUNTING HEIGHTS, WALL TYPES, ABBREVATIONS, SYMBOLOGY, AND LEGEND

PROJECT

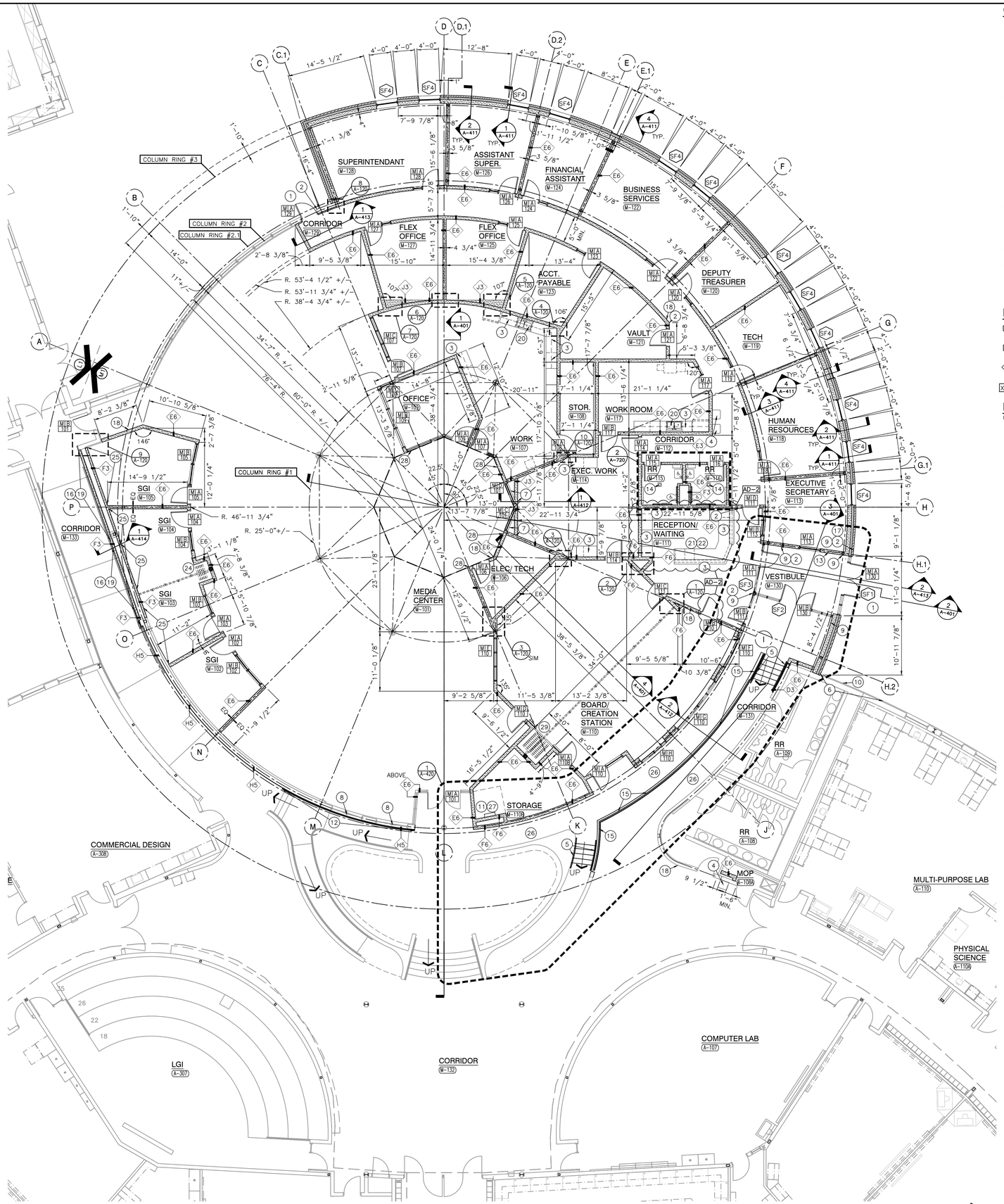
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

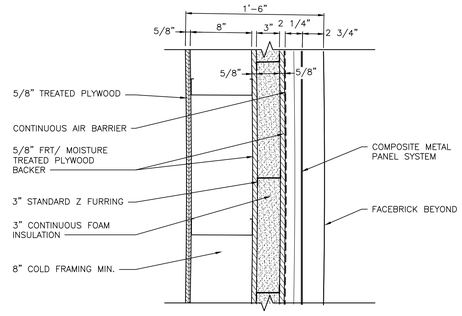

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SHEET

G-301


Monday, 10/23/2023 – 8:49 AM – LAST SAVED BY:TALLEN
Y:\23–115 TRI–CREEK SC – LOWELL HS NEW STADIUM\23–115 DRAWINGS\02 GENR\G–301.DWG

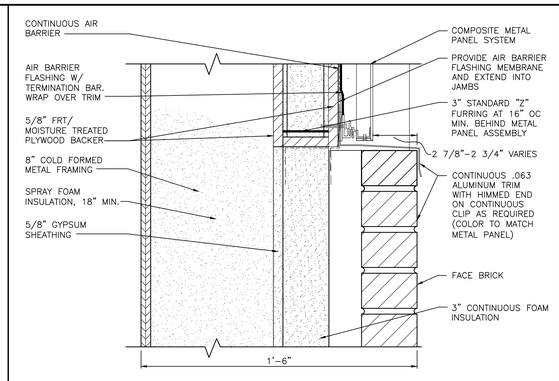

SUPERINTENDANT
M-128
ASSISTANT SUPER.
M-126
FINANCIAL ASSISTANT
M-124
BUSINESS SERVICES
M-120
CORRIDOR
M-129
FLEX OFFICE
M-127
FLEX OFFICE
M-125
ACCT. PAYABLE
M-123
DEPUTY TREASURER
M-120
VAULT
M-121
TECH
M-119
STOR.
M-108
WORK ROOM
M-117
HUMAN RESOURCES
M-118
OFFICE
M-109
WORK
M-107
CORRIDOR
M-112
EXEC. WORK
M-114
RR
M-115
RR
M-116
EXECUTIVE SECRETARY
M-113
RECEPTION/ WAITING
M-111
VESTIBULE
M-130
ELEC/ TECH
M-106
MEDIA CENTER
M-101
BOARD/ CREATION STATION
M-110
CORRIDOR
M-131
RR
A-109
RR
A-108
STORAGE
M-109
CORRIDOR
M-133
CORRIDOR
M-132
COMMERCIAL DESIGN
A-308
LGI
A-307
COMPUTER LAB
A-107
PHYSICAL SCIENCE
A-106
MULTI-PURPOSE LAB
A-110
MOP
A-106A
COLUMN RING #3
COLUMN RING #2
COLUMN RING #2.1
COLUMN RING #1
R. 53'-4 1/2" +/-
R. 53'-11 3/4" +/-
R. 38'-4 3/4" +/-
R. 46'-11 3/4"
R. 25'-0"+/-
SGI
M-105
SGI
M-104
SGI
M-103
SGI
M-102
SGI
M-107
UP
SIM
ABOVE
TYP.
TYP.
TYP.




HIGH METAL PANEL PLAN DETAIL

SCALE: 1 1/2" = 1'-0"

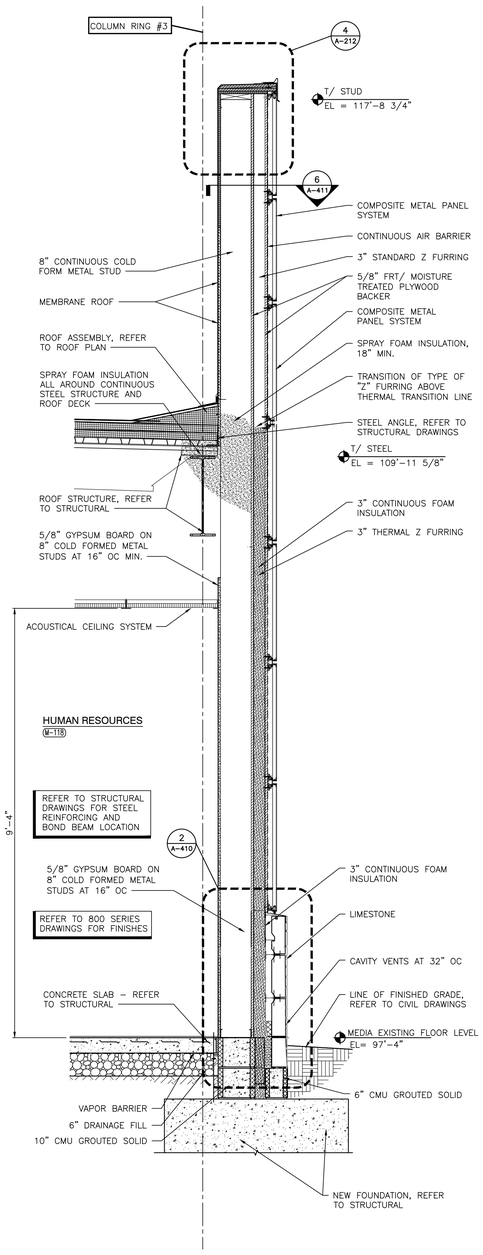
6 A-411




SECTION DETAIL

SCALE: 3" = 1'-0"

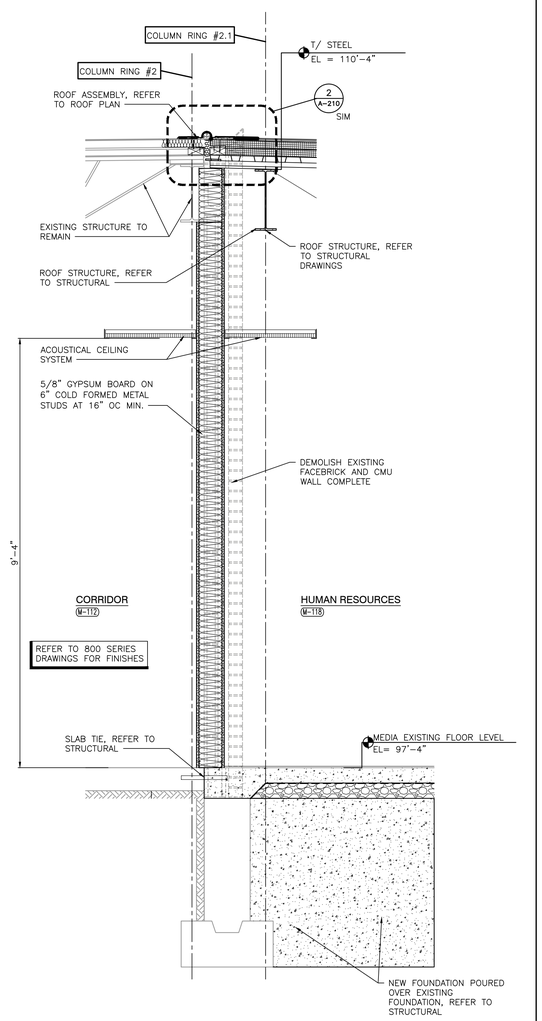
5 A-411




WALL SECTION

SCALE: 3/4" = 1'-0"

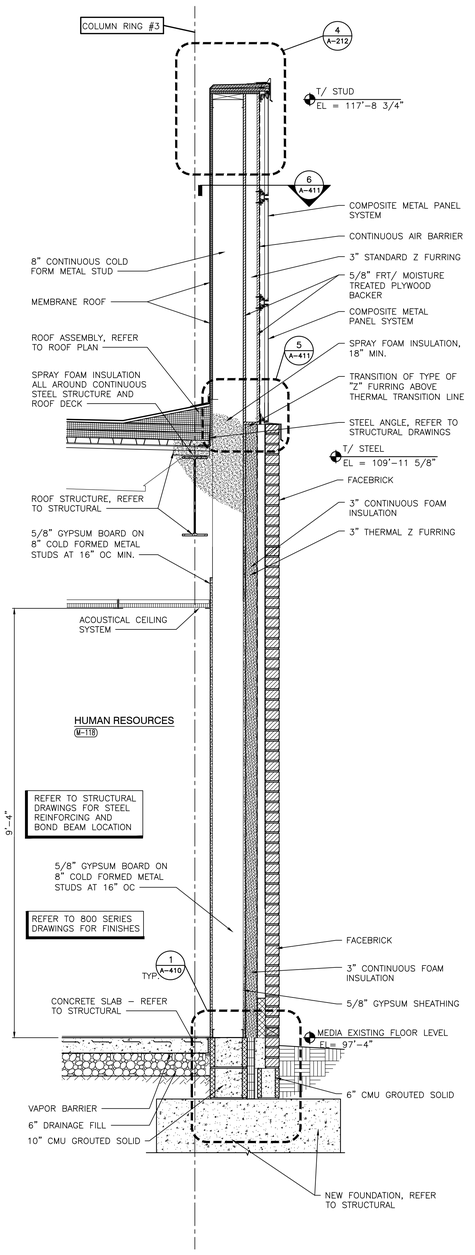
4 A-411




WALL SECTION

SCALE: 3/4" = 1'-0"

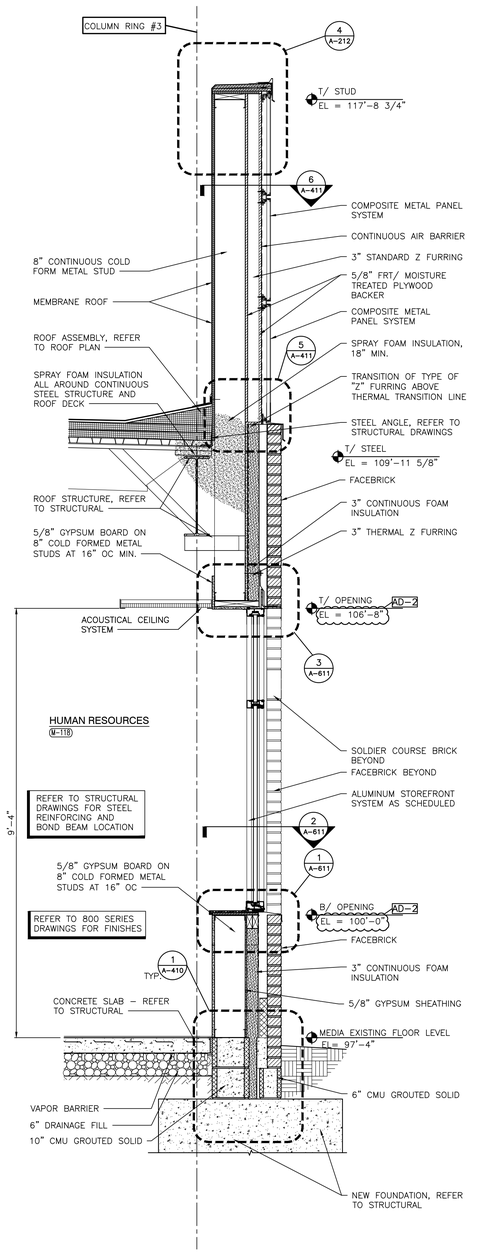
3 A-411




WALL SECTION

SCALE: 3/4" = 1'-0"

2 A-411




WALL SECTION

SCALE: 3/4" = 1'-0"

1 A-411

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DESIGN
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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NW
CHECKED BY TA/NW

JOSEPH P. BRIGGS
REGISTERED
NO. 11600109
STATE OF INDIANA
ARCHITECT

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REVISIONS

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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

NEW ADMIN AND MEDIA CENTER WALL SECTIONS

PROJECT

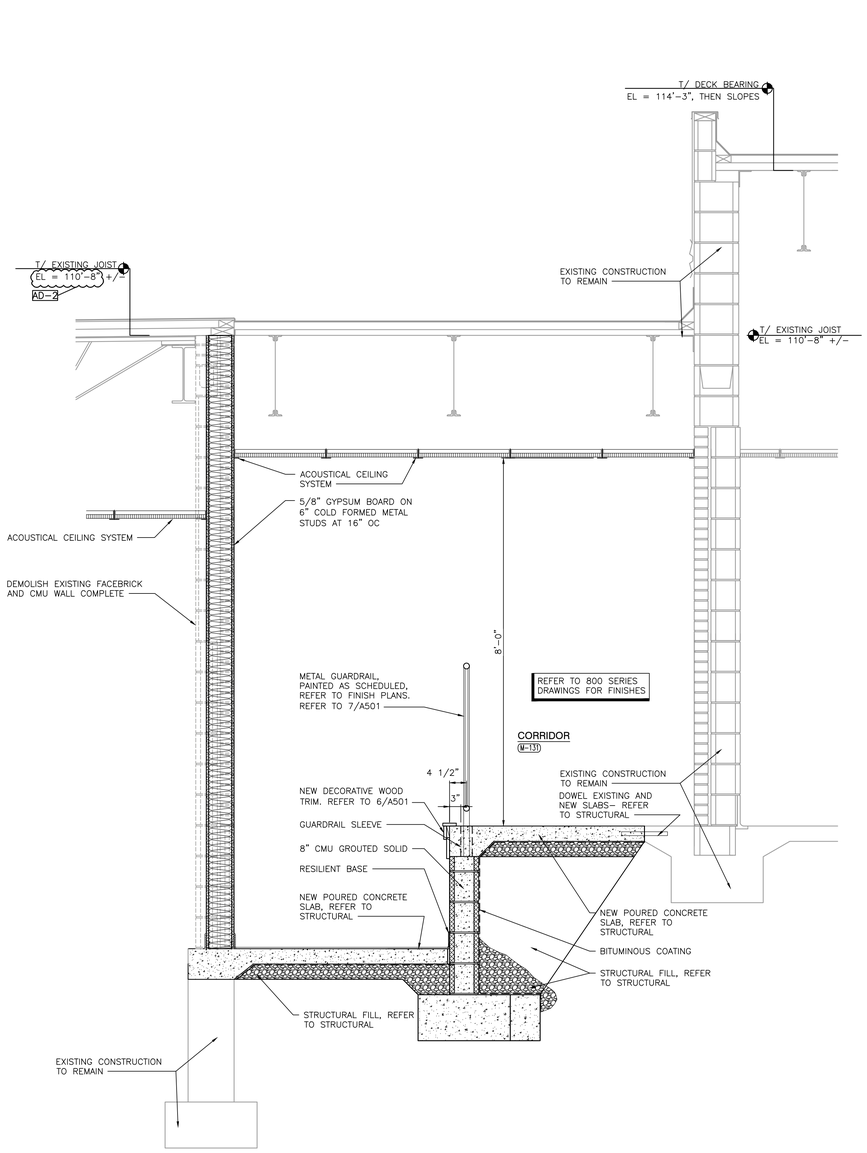
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET

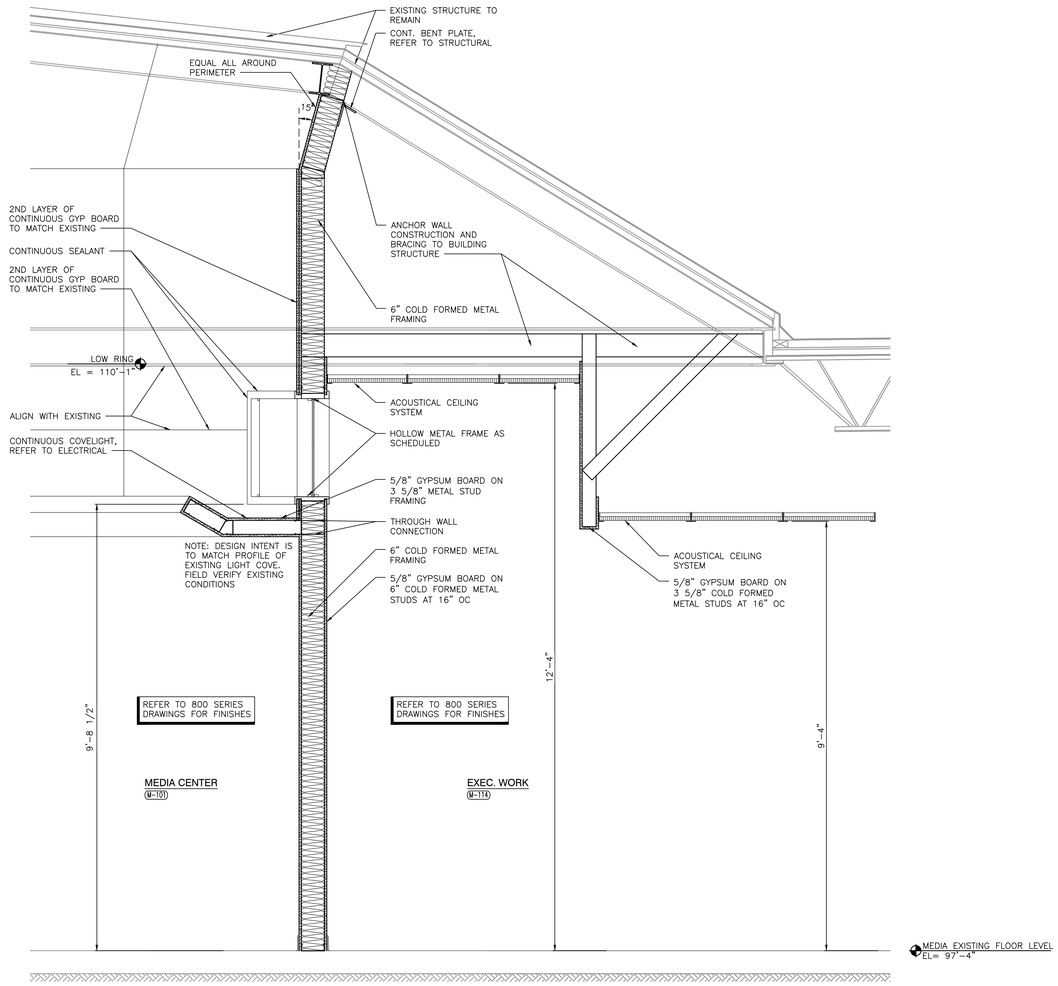
A-411-AD

Friday, 10/13/2023 - 8:49 AM - LAST SAVED BY:NWESLEY
Y:\23-110 TRI-CREEK SC - LOWELL HS NEW ENTRY AND MEDIA CENTER\23-110 DRAWINGS\05 ARCH\A-411.DWG




WALL SECTION
SCALE: 3/4" = 1'-0"

2
A-412




WALL SECTION
SCALE: 3/4" = 1'-0"

1
A-412

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# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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PROJECT
23-115
DATE
09/25/23
COORDINATED BY
TA
DRAWN BY
NW
CHECKED BY
TA/NW

JOSEPH P. BRIGGS
REGISTERED
NO.
11600109
STATE OF
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ARCHITECT

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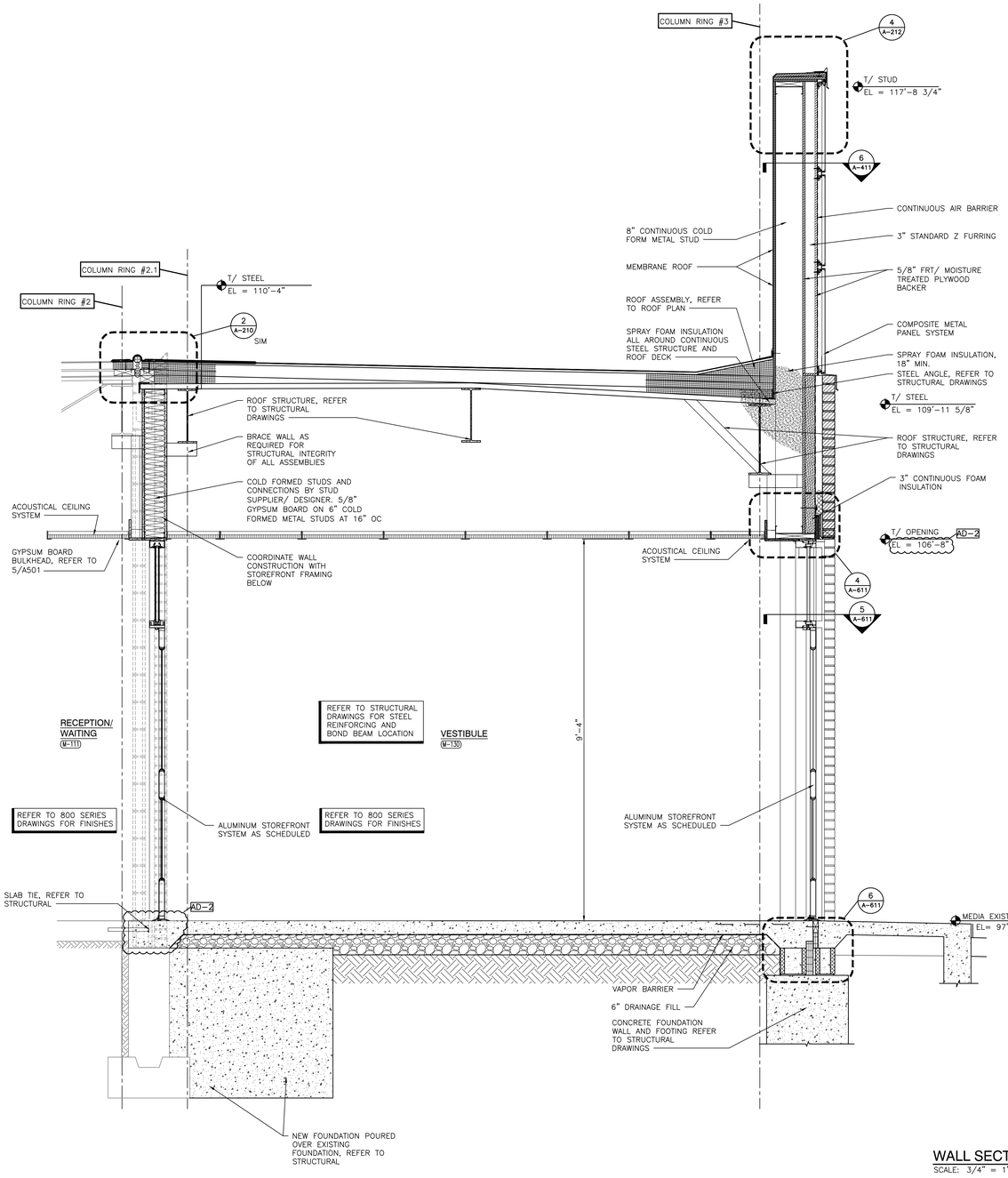
DRAWING
NEW ADMIN AND MEDIA CENTER WALL SECTIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-412-AD

Wednesday, 10/18/2023 - 12:43 PM - LAST SAVED BY:NWESLEY
Y:\23-110 TRI-CREEK SC - LOWELL HS NEW ENTRY AND MEDIA CENTER\23-110 DRAWINGS\05 ARCH\A-412.DWG




WALL SECTION
SCALE: 3/4" = 1'-0"

2
A-413




WALL SECTION
SCALE: 3/4" = 1'-0"

1
A-413

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# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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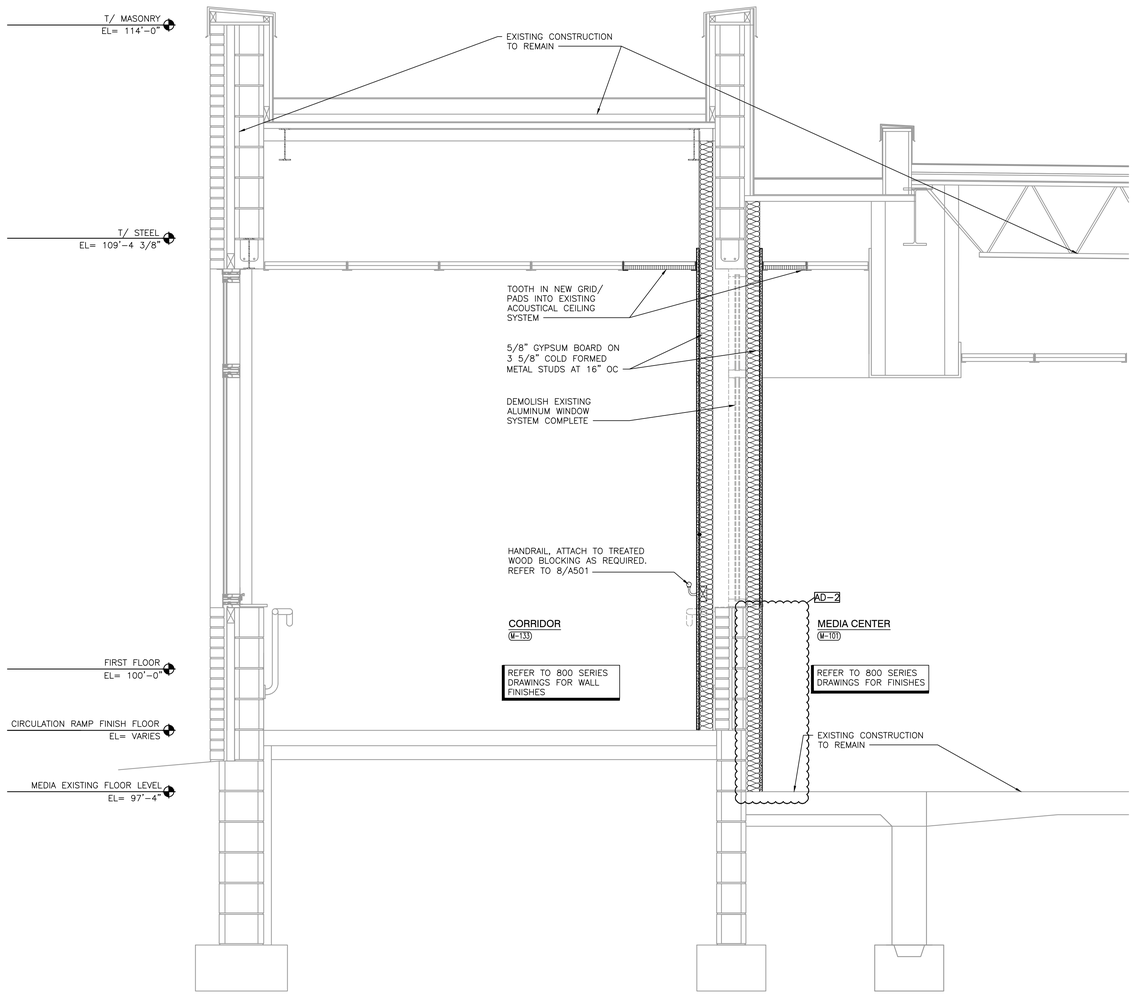
DRAWING
NEW ADMIN AND MEDIA CENTER WALL SECTIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-413-AD

Monday, 10/16/2023 - 1:52 PM - LAST SAVED BY:NWESLEY
Y:\23-110 TRI-CREEK SC - LOWELL HS NEW ENTRY AND MEDIA CENTER\23-110 DRAWINGS\05 ARCH\A-413.DWG




WALL SECTION
SCALE: 3/4" = 1'-0"

1
A-414

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# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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PROJECT
23-115
DATE
09/25/23
COORDINATED BY
TA
DRAWN BY
NW
CHECKED BY
TA/NW

JOSEPH P. BRIGGS
REGISTERED
NO.
11600109
STATE OF
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ARCHITECT


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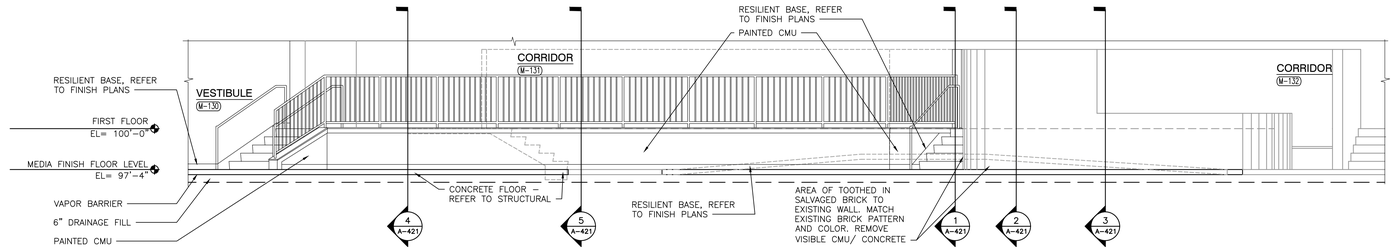
DRAWING
NEW ADMIN AND MEDIA CENTER WALL SECTIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

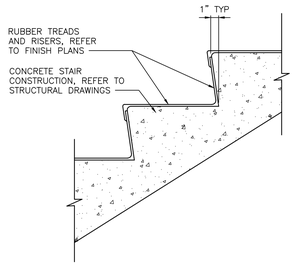

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A-414-AD


Wednesday, 10/18/2023 - 11:25 AM - LAST SAVED BY:NWESLEY
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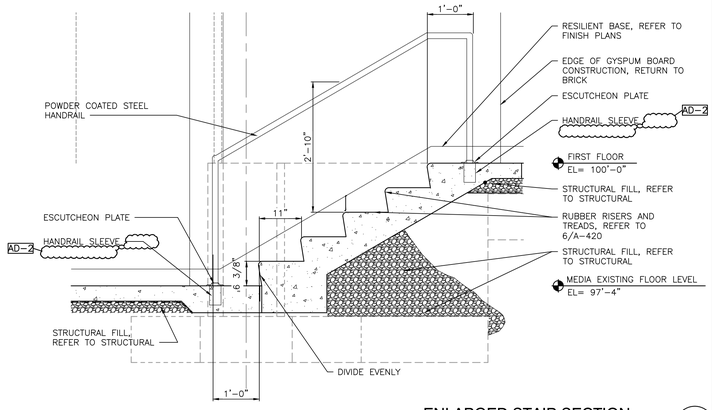

PARTIAL WALL SECTION
SCALE: 1/4" = 1'-0"
2 A-420



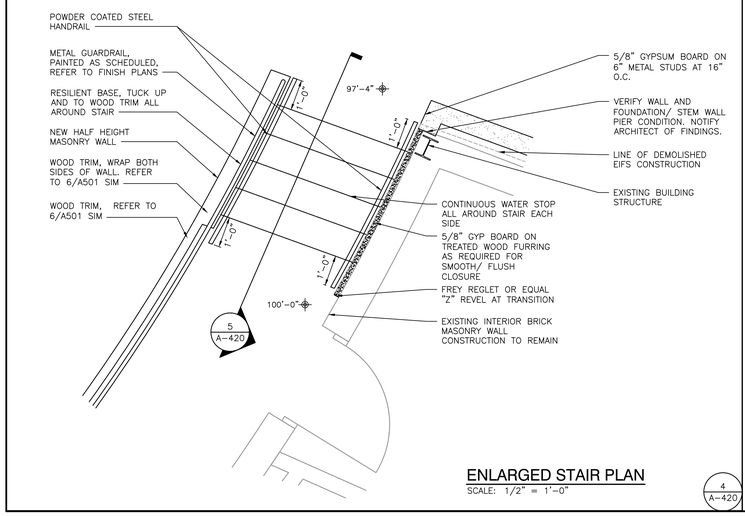

RISER DETAIL
SCALE: 1 1/2" = 1'-0"
6 A-420



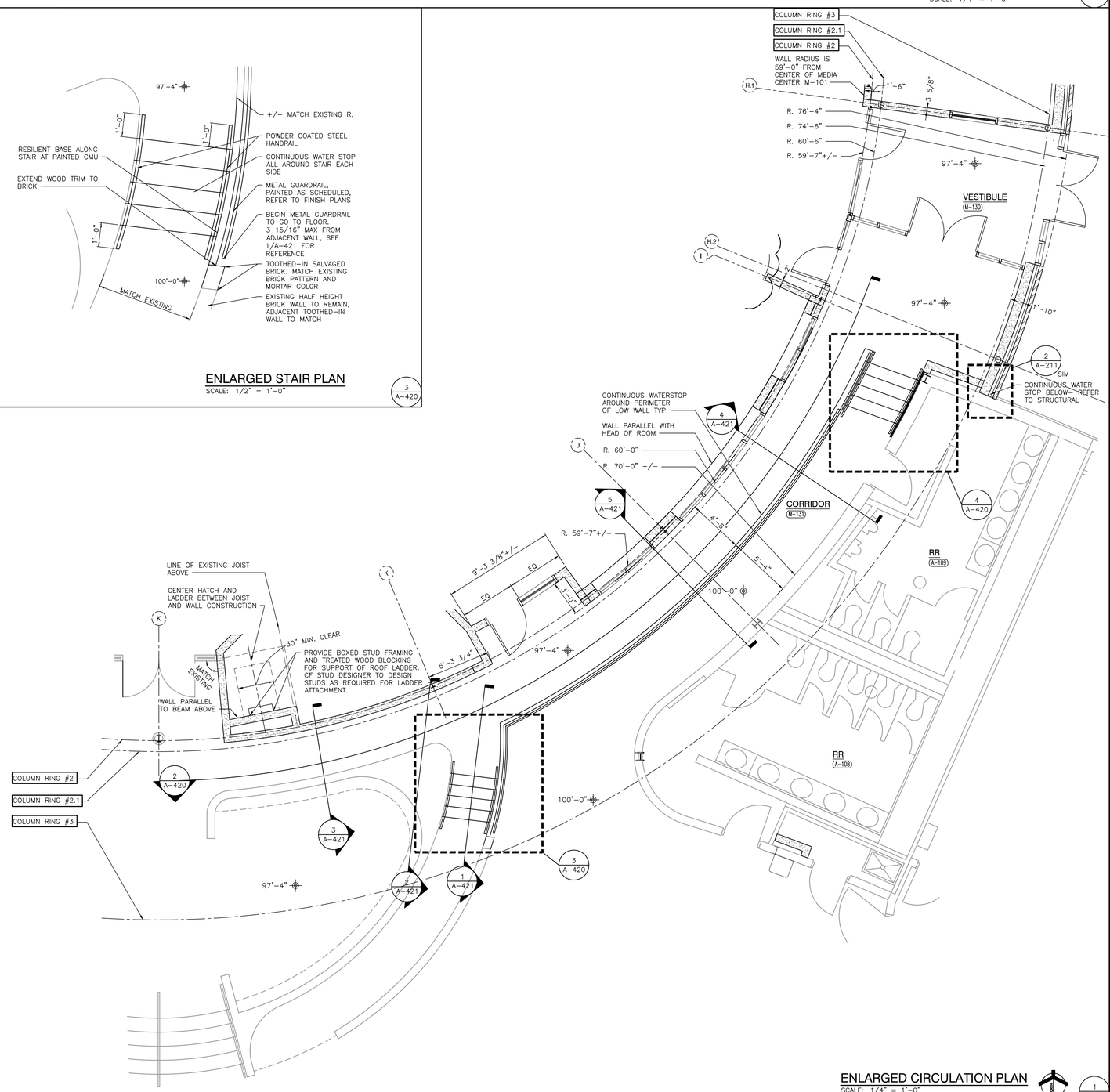

ENLARGED STAIR PLAN
SCALE: 1/2" = 1'-0"
3 A-420




ENLARGED STAIR SECTION
SCALE: 3/4" = 1'-0"
5 A-420




ENLARGED STAIR PLAN
SCALE: 1/2" = 1'-0"
4 A-420




ENLARGED CIRCULATION PLAN
SCALE: 1/4" = 1'-0"
1 A-420


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PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NW
CHECKED BY TA/NW

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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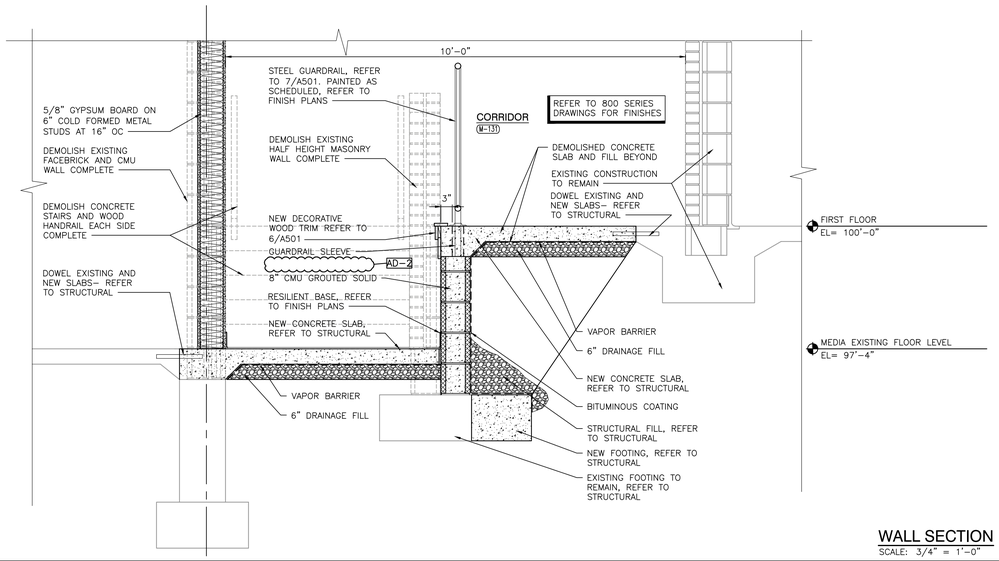
DRAWING
NEW ADMIN AND MEDIA CENTER ENLARGED RAMP/ STAIR PLANS AND DETAILS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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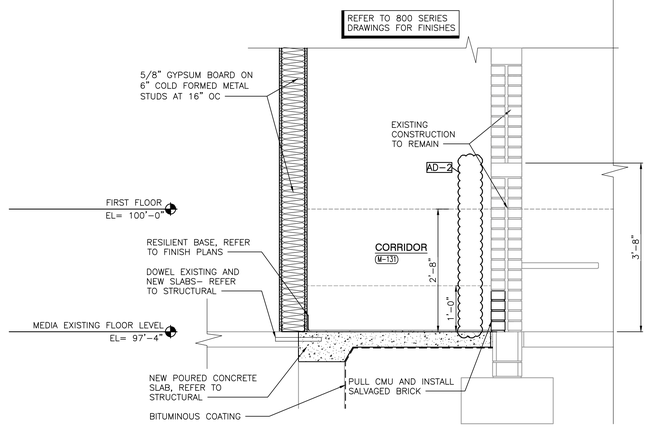

SHEET
A-420-AD


Wednesday, 10/18/2023 - 11:36 AM - LAST SAVED BY:NWESLEY
Y:\23-110 TRI-CREEK SC - LOWELL HS NEW ENTRY AND MEDIA CENTER\23-110 DRAWINGS\05 ARCH\A-420.DWG



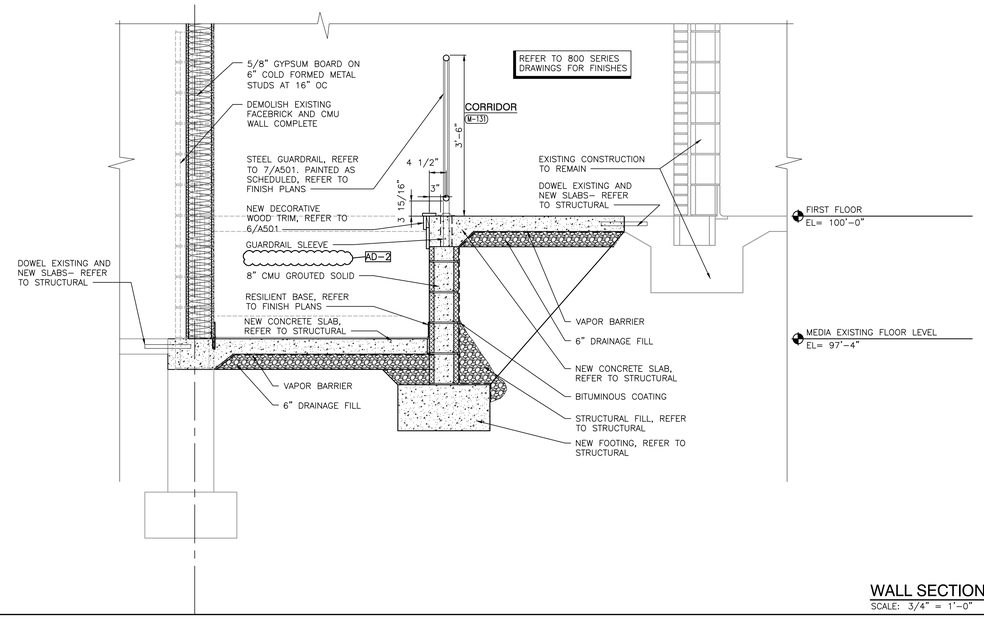

WALL SECTION
SCALE: 3/4" = 1'-0"

5
A-421



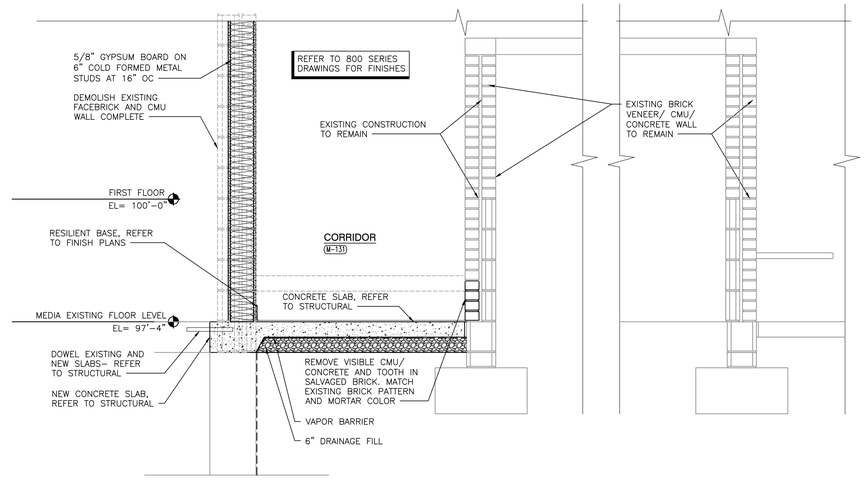

WALL SECTION
SCALE: 3/4" = 1'-0"

3
A-421



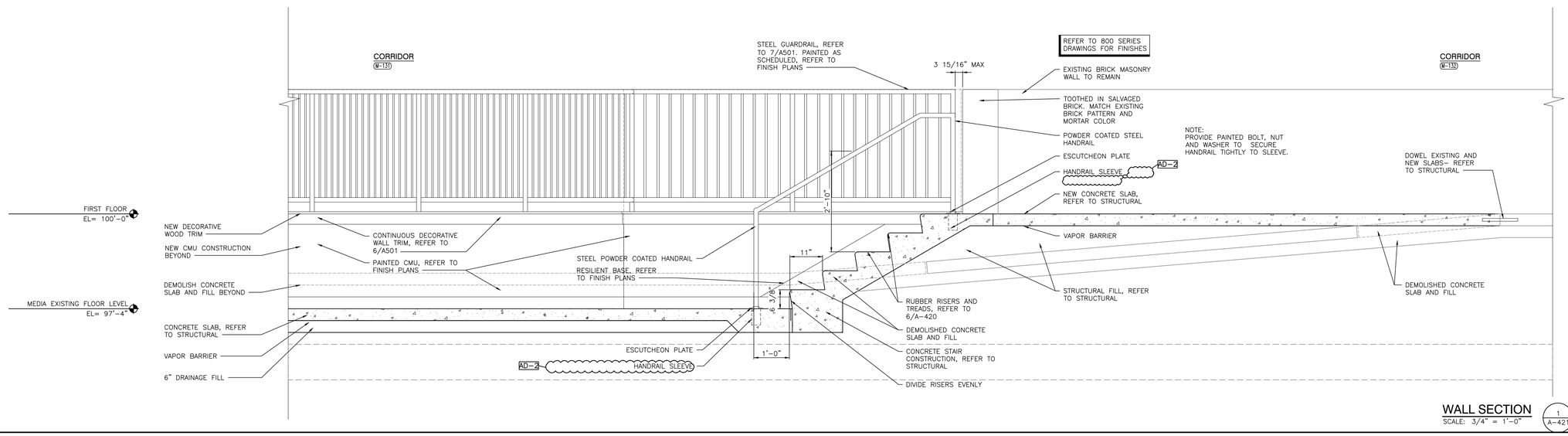

WALL SECTION
SCALE: 3/4" = 1'-0"

4
A-421




WALL SECTION
SCALE: 3/4" = 1'-0"

2
A-421




WALL SECTION
SCALE: 3/4" = 1'-0"

1
A-421

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PROJECT

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ARCHITECT

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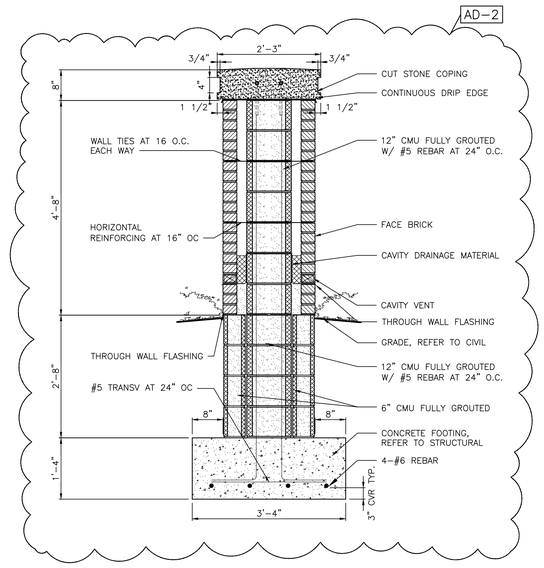
DRAWING
NEW ADMIN AND MEDIA CENTER LOW WALL AND STAIR SECTIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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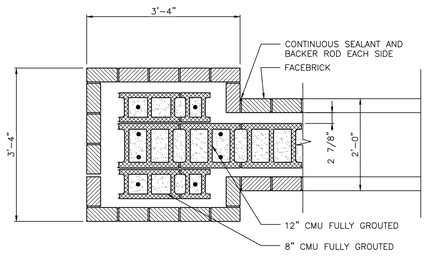
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A-421-AD

Wednesday, 10/18/2023 - 11:45 AM - LAST SAVED BY:NWESLEY
Y:\23-110 TRI-CREEK SC - LOWELL HS NEW ENTRY AND MEDIA CENTER\23-110 DRAWINGS\05 ARCH\A-421.DWG



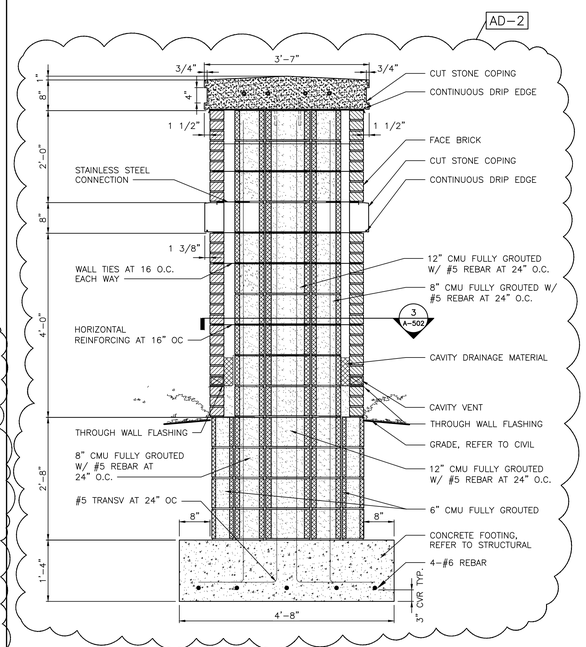

SIGN SECTION
SCALE: 3/4" = 1'-0"

5
A-502



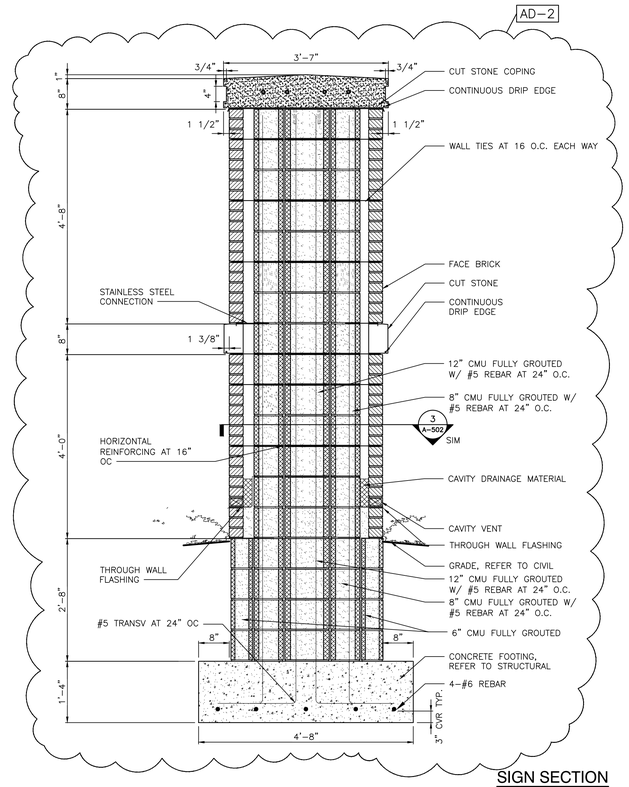

SIGN PLAN DETAIL
SCALE: 3/4" = 1'-0"

3
A-502



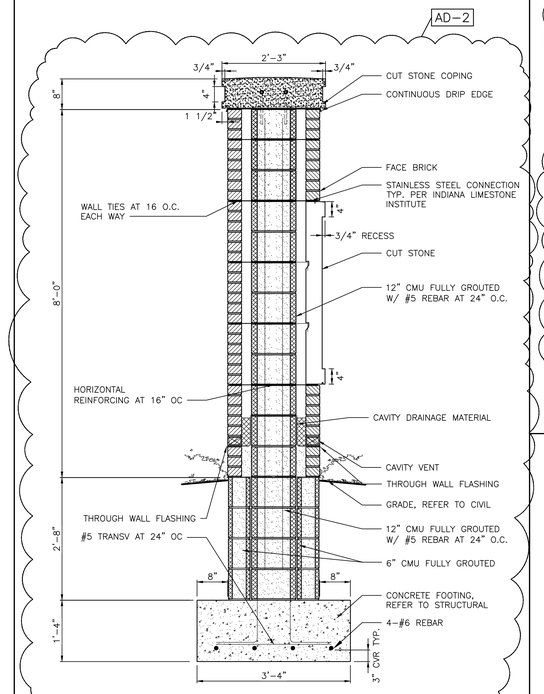

SIGN SECTION
SCALE: 3/4" = 1'-0"

4
A-502



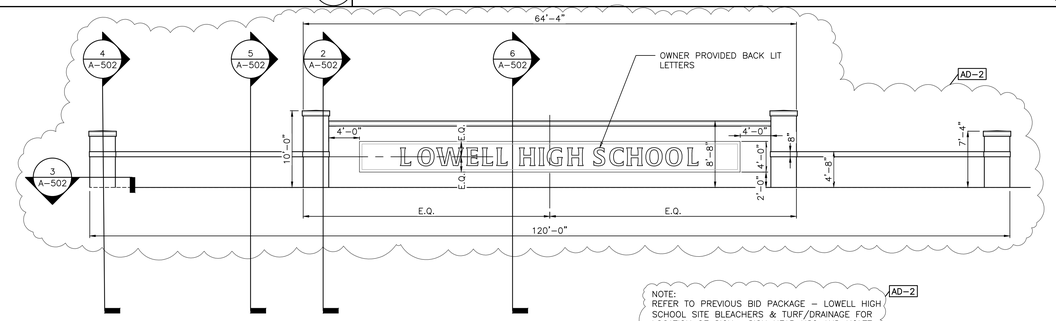

SIGN SECTION
SCALE: 3/4" = 1'-0"

2
A-502




SIGN SECTION
SCALE: 3/4" = 1'-0"

6
A-502




NOTE:
REFER TO PREVIOUS BID PACKAGE – LOWELL HIGH SCHOOL SITE BLEACHERS & TURF/DRAINAGE FOR LOCATION OF SIGN. SIGN NEAR US2 AND HOLTZ ROAD.

AD-2

SIGN ELEVATION
SCALE: 1/8" = 1'-0"

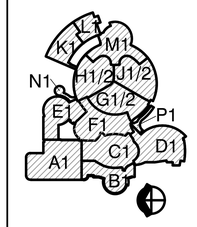
1
A-502

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION




GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY TA
CHECKED BY TA/NW

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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DRAWING

## NEW ADMIN AND MEDIA CENTER EXTERIOR SIGNAGE DETAILS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

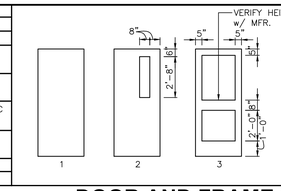
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SHEET

# A-502-AD

Wednesday, 10/11/2023 - 5:24 PM - LAST SAVED BY:TALLEN
Y:\23-110 TRI-CREEK SC - LOWELL HS NEW ENTRY AND MEDIA CENTER\23-110 DRAWINGS\05 ARCH\A-502.DWG

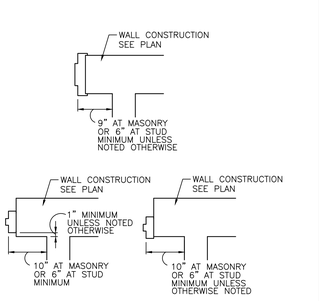
| GLASS SCHEDULE | |
|---|---|
| MK | GLASS TYPES |
| A | 1/4" CLEAR TEMPERED |
| B | 1" INSUL. SAFETY CLEAR GLASS |
| C | 1" INSUL. TINTED SAFTEY GLASS |
| D | 3/8" LAMINATED ACOUSTIC SAFETY GLASS |
| E | 1/2" LAMINATED SAFETY GLASS |
| F | ELECTROLYTIC GLASS |




| LOUVER SCHEDULE | |
|---|---|
| MK | LOUVER SIZE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

# DOOR AND FRAME SCHEDULE

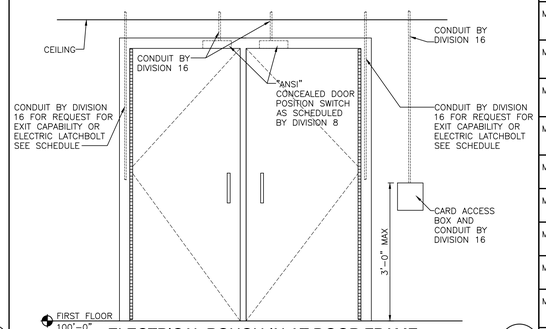
| | DOOR | | | | | GLASS | | | FRAME | | | | | LABEL | HARDWARE | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO | DESCRIPTION | TYPE | DOOR SIZE (WxH) (INCHES) | MATERIAL | LOU | DOOR | SIDE LGT | TRA | MAT'L | WIDTH | JAMB | HEAD | SILL | ELEV | | EXIT DEVICE | CLOSER | |
| M-101A | EXISTING DOUBLE | -- | -- | GLASS | -- | -- | -- | -- | EXIST | 8 3/8" | EXIST | EXIST | EXIST | -- | | EXIST | EXIST | - |
| M-101B | EXISTING SINGLE | 2 | -- | WD | -- | A | -- | -- | EXIST HM | 8 3/8" | EXIST | EXIST | EXIST | -- | | YES | YES | - |
| M-101C | BORROWED LIGHT | -- | -- | -- | -- | -- | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM13 | | -- | -- | - |
| M-101D | BORROWED LIGHT | -- | -- | -- | -- | -- | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM13 | | -- | -- | - |
| M-102A | SINGLE | 2 | 36 x 86 | WD | -- | D | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | 10 |
| M-102B | BORROWED LIGHT | -- | -- | -- | -- | -- | D | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM3 | | -- | -- | - |
| M-103A | SINGLE | 2 | 36 x 86 | WD | -- | D | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | 10 |
| M-103B | BORROWED LIGHT | -- | -- | -- | -- | -- | D | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM4 | | -- | -- | - |
| M-104A | SINGLE | 2 | 36 x 86 | WD | -- | D | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | 10 |
| M-104B | BORROWED LIGHT | -- | -- | -- | -- | -- | D | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM4 | | -- | -- | - |
| M-105A | SINGLE | 2 | 36 x 86 | WD | -- | D | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | 10 |
| M-105B | BORROWED LIGHT | -- | -- | -- | -- | -- | D | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM3 | | -- | -- | - |
| M-106A | SINGLE | 1 | 36 x 86 | WD | -- | -- | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | 11 |
| M-107A | SINGLE | 2 | 36 x 86 | WD | -- | D | D | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM5 | | -- | YES | 11 |
| M-107B | SINGLE | 2 | 36 x 86 | WD | -- | D | D | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | 11 |
| M-107C | BORROWED LIGHT | -- | -- | -- | -- | -- | D | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM2 | | -- | -- | - |
| M-108A | SINGLE | 1 | 36 x 86 | WD | -- | -- | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | - |
| M-109A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM7 | | -- | YES | 11 |
| M-109B | BORROWED LIGHT | -- | -- | -- | -- | -- | A | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM6 | | -- | -- | - |
| M-109C | BORROWED LIGHT | -- | -- | -- | -- | -- | A | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM12 | | -- | -- | - |
| M-110A | SINGLE | 2 | 36 x 86 | WD | -- | D | D,F | D,F | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM11 | | YES | YES | 10,12 |
| M-110B | SINGLE | 2 | 36 x 86 | WD | -- | E | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | YES | YES | 10 |
| M-110BA | SINGLE | 1 | 36 x 86 | WD | -- | -- | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | - |
| M-110D | SINGLE | 2 | 36 x 86 | WD | -- | D | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM10 | | -- | YES | 10 |
| M-110E | BORROWED LIGHT | -- | -- | -- | -- | -- | D | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM2 | | -- | -- | 12 AD-2 |
| M-110F | BORROWED LIGHT | -- | -- | -- | -- | -- | D,F | D,F | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM8 | | -- | -- | 12 |
| M-110G | BORROWED LIGHT | -- | -- | -- | -- | -- | D,F | D,F | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM15 | | -- | -- | 12 |
| M-110H | BORROWED LIGHT | -- | -- | -- | -- | -- | D,F | D,F | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM8 | | -- | -- | 12 |
| M-111A | SINGLE | 3 | 36 x 86 | AL | -- | E | E | E | AL | 4 1/2" | SEE ELEV | SEE ELEV | SEE ELEV | SF3 | | YES | YES | 1,2,3 7,8 |
| M-111B | SINGLE | 3 | 36 x 86 | AL | -- | E | E | E | AL | 4 1/2" | SEE ELEV | SEE ELEV | SEE ELEV | SF3 | | -- | YES | 1,2,3 7,8 |
| M-111C | SINGLE | 2 | 36 x 86 | WD | -- | E | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | YES | YES | 10 |
| M-111D | SINGLE | 2 | 36 x 86 | WD | -- | E | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | YES | YES | 1,2,7,8 |
| M-113A | BORROWED LIGHT | -- | -- | -- | -- | -- | E | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM9 | | -- | -- | - |
| M-113B | BORROWED LIGHT | -- | -- | -- | -- | -- | E | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM4 | | -- | -- | - |
| M-114A | SINGLE | 2 | 36 x 86 | WD | -- | D | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | 10 |
| M-114B | SINGLE | 2 | 36 x 86 | WD | -- | D | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | 10 |
| M-115A | SINGLE | 1 | 36 x 86 | WD | -- | -- | -- | -- | HM | 5 3/4" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | -- | -- | YES | - |
| M-116A | SINGLE | 1 | 36 x 86 | WD | -- | -- | -- | -- | HM | 5 3/4" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | -- | -- | YES | - |
| M-117A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | -- | -- | YES | - |
| M-117B | SINGLE | 2 | 36 x 86 | WD | -- | D | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | -- | YES | - |
| M-118A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | | -- | YES | - |
| M-119A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | | -- | YES | - |
| M-120A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | | -- | YES | - |
| M-120A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | | -- | YES | - |
| M-121A | SINGLE | 1 | 36 x 86 | WD | -- | -- | -- | -- | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | -- | -- | YES | - |
| M-122A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | | -- | YES | - |
| M-123A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | -- | -- | YES | - |
| M-124A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | | -- | YES | - |
| M-125A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | -- | -- | YES | - |
| M-126A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | | -- | YES | - |
| M-127A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | -- | -- | YES | - |
| M-128A | SINGLE | 2 | 36 x 86 | WD | -- | A | A | A | HM | 8 3/8" | SEE ELEV | SEE ELEV | SEE ELEV | HM14 | | -- | YES | - |
| M-129A | SINGLE | 3 | 36 x 86 | AL | -- | B | -- | B | AL | 4 1/2" | SEE ELEV | SEE ELEV | SEE ELEV | SF5 | | YES | YES | 1,2,4,7 |
| M-130A | DOUBLE | 3 | PR 36 x 86 | AL | -- | B | C | C | AL | 6" | SEE ELEV | SEE ELEV | 6/ A-611 | SF1 | | YES | YES | 1,2,3,4 5,7,8 |
| M-130B | DOUBLE | 3 | PR 36 x 86 | AL | -- | E | E | E | AL | 4 1/2" | SEE ELEV | SEE ELEV | SEE ELEV | SF2 | | YES | YES | 1,3,5,7 |




FRAME MOUNTING DETAILS

SCALE: NTS

2 A-601




ELECTRICAL ROUGH-IN AT DOOR FRAME

SCALE: 3/4" = 1'-0"

1 A-601

## GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS.
B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" X 1/8" MIN. METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.
G. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAIL 2-A601.
H. FOR ELECTRICAL ROUGH-IN AT DOORS REFER TO DETAIL 1-A601.
I. FOR HOLLOW METAL FRAME ELEVATIONS (HM) REFER TO 1-A610. FOR HOLLOW METAL (HM) FRAME PROFILES REFER TO 4-A610.
J. FOR ALUMINUM STOREFRONT ELEVATIONS (SF) REFER TO 2-A610. FOR STOREFRONT (SF) FRAME PROFILES REFER TO 3-A610.
K. REFER TO FLOOR PLANS FOR LOCATIONS OF ADA PUSH PADS FOR POWER ASSISTED OPERATORS.

## DOOR SCHEDULE NOTES (REMARKS):

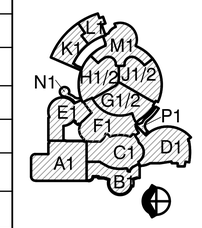
1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE.
2. DOOR TO BE CONTROLLED BY CARD READER/FOB. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN.
3. PROVIDE POWER ASSISTED OPERATOR ON ONE LEAF OF DOUBLE DOORS.
4. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC.
5. KEYED REMOVABLE MULLION.
6. NOT USED.
7. PREPARE DOOR AND FRAME FOR DOOR POSITION SWITCH.
8. PROVIDE DOOR RELEASE ON AI PHONE LOCATED AT RECEPTION DESK.
9. NOT USED
10. PROVIDE DROP SEAL, SOUND GASKETING, AND ADA COMPLIANT THRESHOLD
11. PROVIDE SOUND GASKETING
12. ALTERNATE: PROVIDE ELECTROLYTIC GLAZING AS INDICATED


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PROJECT

LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION





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Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115

DATE 09/25/23

COORDINATED BY TA

DRAWN BY NJW

CHECKED BY TA

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

NEW ADMIN AND MEDIA CENTER DOOR AND FRAME SCHEDULE

PROJECT

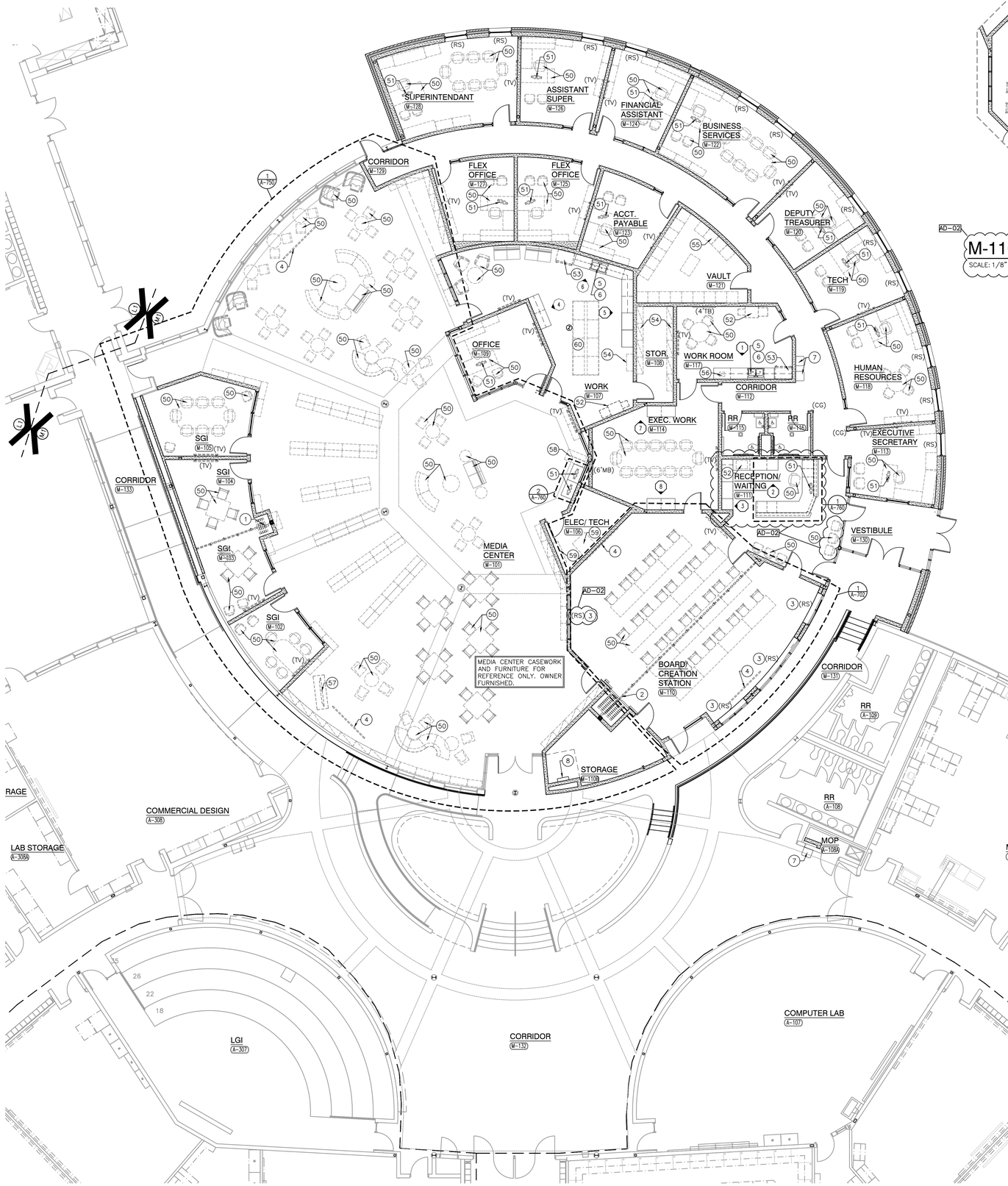
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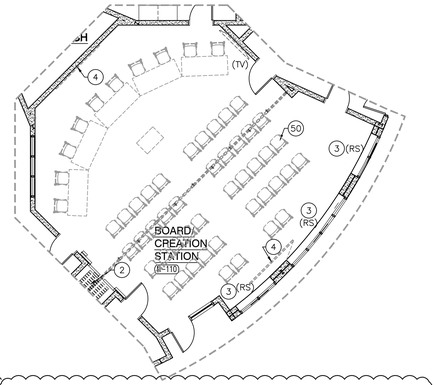

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SHEET

A-601-AD


Wednesday, 10/18/2023 - 8:09 AM - LAST SAVED BY:TALLEN
Y:\23-110 TRI-CREEK SC - LOWELL HS NEW ENTRY AND MEDIA CENTER\23-110 DRAWINGS\05 ARCH\A-601.DWG




AD-02

## M-110 ROOM LAYOUT B

SCALE: 1/8" = 1'-0"

## NEW ADMIN AND MEDIA CENTER MAIN LEVEL EQUIPMENT PLAN - UNIT M1

SCALE: 1/8" = 1'-0"

NORTH

## GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
B. FIELD VERIFY ALL DIMENSIONS.
C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.
E. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ROOM ACCESSORIES.

## EQUIPMENT PLAN LEGEND:

- ⟷ INDICATES CASEWORK ELEVATION SYMBOL – REFER TO A-730 FOR ELEVATIONS AND DETAILS.
- ---- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
- ------ INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACT).
- (CG) INDICATES CORNER GUARD.
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFERENCE G SERIES DRAWINGS. → 1/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. → 1/A-501
- (TV) TELEVISION MONITOR, BY OWNER, REFER TO TECHNOLOGY DRAWINGS.
- (RS) INDICATES ROLLER SHADE.

## EQUIPMENT PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

1. FOLDING PARTITION (MANUAL). → 2/A-501
2. FOLDING PARTITION, SEE FINISH PLAN FOR WALLCOVERING FINISH MATERIAL (ELECTRICALLY OPERATED). → 2/A-501
3. BASE BID: ROLLER SHADE; ALTERNATE BID: ELECTROLYTIC GLAZING
4. PROJECTION SCREEN (ELECTRICALLY OPERATED).
5. PAPER TOWEL AND SOAP DISPENSER, OFCI
6. SINK WITH DISPOSAL, REFERENCE PLUMBING DRAWINGS
7. ACCESSIBLE ELECTRIC WATER COOLER W/ BOTTLE FILLER AND BUBBLER, REFERENCE PLUMBING DRAWINGS
8. ROOF ACCESS LADDER, REFER TO FLOOR PLANS.

## OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER
52. PRINTER/COPIER, BY OWNER
53. REFRIGERATOR WITH ICE MAKER, BY OWNER
54. EXISTING SHELVING, BY OWNER
55. FILE CABINET, BY OWNER
56. COFFEE MAKER, BY OWNER
57. TV CART, BY OWNER
58. BOOK RETURN CART, BY OWNER
59. ELECTRIC/TECHNOLOGY EQUIPMENT, REFERENCE ELECTRICAL/TECHNOLOGY DRAWINGS
60. EXISTING CASEWORK AND COUNTER TO BE RELOCATED IN THIS LOCATION, REFERENCE DEMO PLANS

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
23-115
DATE
09/25/23
COORDINATED BY
TA
DRAWN BY
NJW/ACS
CHECKED BY
TA/NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-02 | 10/20/23 | ADDENDUM 2 |

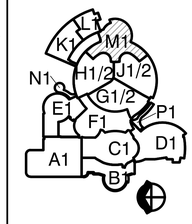
DRAWING
NEW ADMIN AND MEDIA CENTER MAIN LEVEL EQUIPMENT PLAN - UNIT M1

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

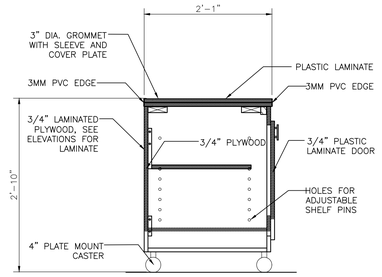
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SHEET
A-702-AD

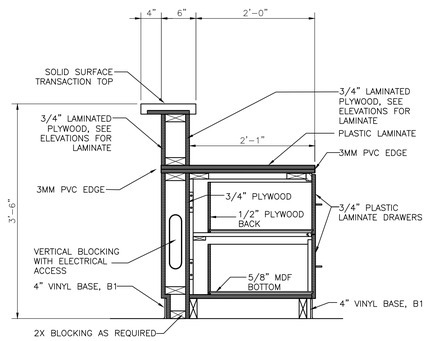
PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION



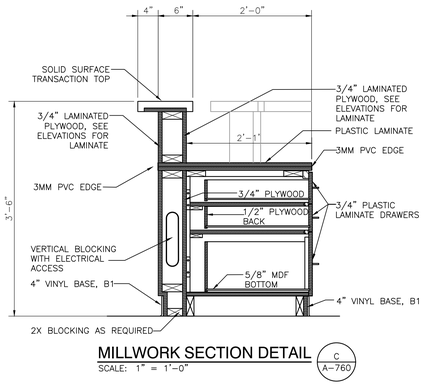

Thursday, 10/19/2023 - 1:08 PM - LAST SAVED BY:ASCOTT
Y:\23-110 TRI-CREEK SC - LOWELL HS NEW ENTRY AND MEDIA CENTER\23-110 DRAWINGS\05 ARCH\A-702.DWG



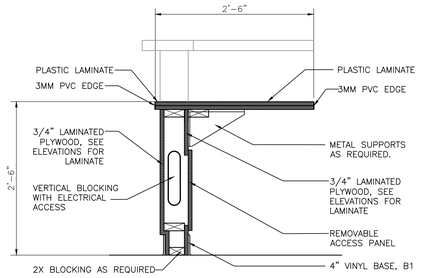

MILLWORK SECTION DETAIL (E, A-760)
SCALE: 1" = 1'-0"



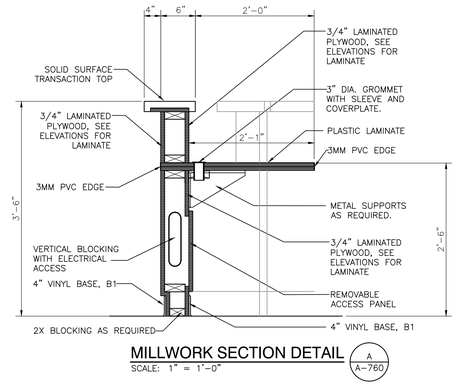

MILLWORK SECTION DETAIL (D, A-760)
SCALE: 1" = 1'-0"




MILLWORK SECTION DETAIL (C, A-760)
SCALE: 1" = 1'-0"




MILLWORK SECTION DETAIL (B, A-760)
SCALE: 1" = 1'-0"




MILLWORK SECTION DETAIL (A, A-760)
SCALE: 1" = 1'-0"

## GENERAL NOTES:

A. REFER TO FINISH LEGEND (A-820) FOR FINISH INFORMATION. REFERENCE WRITTEN SPECIFICATIONS AND PLANS FOR ADDITIONAL INFORMATION.

B. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD.

C. WHERE MILLWORK REQUIRES SHIMMING. ONLY APPROVED METAL SHIMS SHALL BE USED.

D. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.

E. 4" HIGH WALL BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING CONTRACTOR.

F. FIELD VERIFY ALL DIMENSIONS.

G. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS, AND LOCATIONS.

H. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, UNLESS OTHERWISE NOTED, INCLUDING OPEN INTERIORS OF CABINETRY.

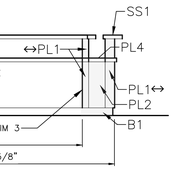
I. ALL ADJOINING CABINETS SHALL BE ALIGNED.

J. ALL EXPOSED ENDS ARE TO BE FINISHED.

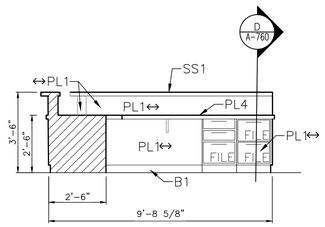
K. ALL CABINETS AND DRAWERS TO BE LOCKABLE, KEY ALIKE BY ROOM.

L. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE 3MM PVC EDGE.

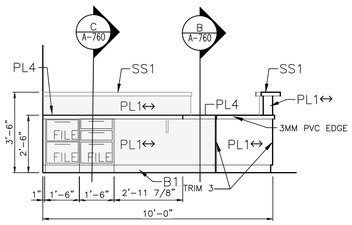
AD-02 — ENTIRE SHEET IS SUBMITTED FOR ADDENDUM 2



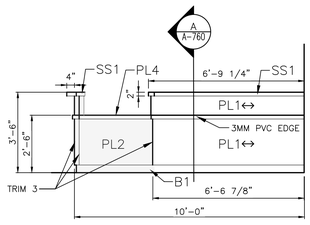

4 ELEVATION
SCALE: 3/8" = 1'-0"



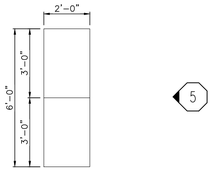

3 ELEVATION
SCALE: 3/8" = 1'-0"




2 ELEVATION
SCALE: 3/8" = 1'-0"

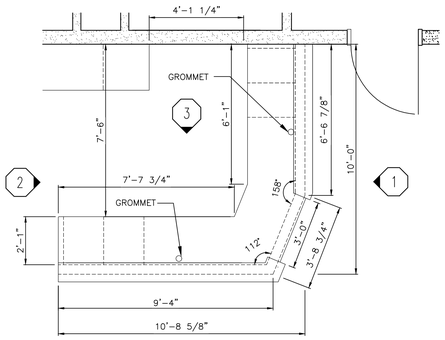



1 ELEVATION
SCALE: 3/8" = 1'-0"



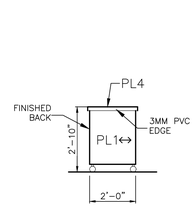

6

CHECKOUT DESK M-101 PLAN
SCALE: 3/8" = 1'-0"
2 / A-760

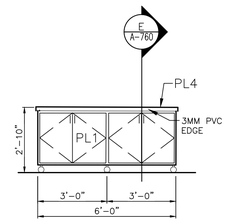



4

RECEPTION DESK M-111 PLAN
SCALE: 3/8" = 1'-0"
1 / A-760




6 ELEVATION
SCALE: 3/8" = 1'-0"




5 ELEVATION
SCALE: 3/8" = 1'-0"

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY CLN/ACS
CHECKED BY TA/NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

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|---|---|---|
| AD-02 | 10/20/23 | ADDENDUM 2 |

DRAWING
NEW ADMIN AND MEDIA CENTER MILLWORK ENLARG. PLANS, ELEV. AND DETAILS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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# FINISH LEGEND

| | SURFACE | MARK | DESCRIPTION | MANUFACTURER | PATTERN/FINISH | NUMBER/COLOR | SIZE | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| | **CEILING MATERIALS** | | | | | | | |
| | | ACT1 | ACOUSTICAL CEILING | ARMSTRONG | FINE FISSURED SECOND LOOK | 1765 WHITE | 24" X 48" | SCORED, ANGLED TEGULAR |
| | | ACT2 | ACOUSTICAL CEILING | ARMSTRONG | CLEAN ROOM VL | 868 WHITE | 24" X 24" | |
| | | ACT3 | ACOUSTICAL CEILING | ARMSTRONG | FINE FISSURED | 1732 WHITE | 24" X 24" | ANGLED TEGULAR |
| | | ACT4 | ACOUSTICAL CEILING | ARMSTRONG | CALLA | 2824 WHITE | 24" X 24" | TEGULAR SQUARE SMOOTH |
| AD-02 | | P5 | PAINT | SHERWIN WILLIAMS | -- | SW 7007 CEILING BRIGHT WHITE | -- | -- |
| | | W3 | WALL COATING | SHERWIN WILLIAMS | -- | SW 7004 SNOWBOUND | | |
| | **WALL BASE** | | | | | | | |
| AD-01 | | B1 | VINYL | TARKETT | -- | BURNT UMBER 63 | 4" COVE | |
| | | TB | PORCELAIN TILE BASE | CROSSVILLE | CROSS-COLORS MINGLES | GRAPHITE AB50 | 6" COVE | |
| | **FLOOR MATERIALS** | | | | | | | |
| | | C1 | CARPET TILE | TARKETT | FLAME EDIT 11612 | COMMONGROUND 22404 | 24" X 24" | VERTICAL ASHLAR |
| | | C2 | WALK OFF CARPET TILE | TARKETT | ABRASIVE ACTION II 02578 | WINTER GRAY 19103 | 24" X 24" | |
| | | LVT1 | LUXURY VINYL TILE | TARKETT | ID LATITUDE ABSTRACT | VILLA WHITE 7563 | 18" X 18" | |
| AD-01 | | STR | RESILIENT STAIR TREADS | TARKETT | -- | BURNT UMBER 63 | -- | TREAD, RISER, AND STRINGER |
| | | FT1 | FLOOR TILE | CROSSVILE | CROSS-COLORS MINGLES | GRAPHITE AB50 | 6" X 6" | |
| | **WALL MATERIALS** | | | | | | | |
| | | P1 | PAINT | SHERWIN WILLIAMS | -- | SW 7029 AGREEABLE GRAY | -- | |
| | | P2 | PAINT | SHERWIN WILLIAMS | -- | SW 7016 MINDFUL GRAY | -- | |
| | | P3 | PAINT | SHERWIN WILLIAMS | -- | SW 7004 SNOWBOUND | -- | |
| | | P4 | PAINT | SHERWIN WILLIAMS | -- | SW 7066 GRIZZLE GRAY | -- | DOOR FRAMES |
| | | P5 | SEE CEILING MATERIALS | | -- | | | |
| | | W3 | SEE CEILING MATERIALS | | -- | | | |
| | | WC1 | WALL COVERING | MOMENTUM | WHAT THE HEMP | AZ53276WP GRAPH GREY | | |
| | | WC2 | WALL COVERING | MOMENTUM | SWITCH | SG3014 SHALE | -- | |
| | | WC3 | WALL COVERING | MOMENTUM | WINTON | L2-WN-03 DRYSTONE | -- | |
| | | WC4 | WALL COVERING | MOMENTUM | HAYDEN | L2-HN-05 BUFF | -- | |
| | | WC5 | WALL COVERING | P3TEC | BEVEL, TYPE III | CLAY MASK | -- | |
| | | WT1 | CERAMIC WALL TILE | AMERICAN OLEAN | COLOR STORY WALL, GLOSSY | STABLE 0055 | 3" X 6" | INSTALL STAGGERED JOINT; SUBWAY |
| | | WT2 | CERAMIC WALL TILE | AMERICAN OLEAN | COLOR STORY WALL, GLOSSY | STORM GRAY 0017 | 3" X 6" | INSTALL STAGGERED JOINT; SUBWAY |
| | | WT2 | PORCELAIN WALL TILE | CROSSVILLE | BLEND | AVORIO 3+ L204B | 1M X 3M | INSTALL VERTICAL, EQUALLY CENTERED |
| | **CASEWORK AND MILLWORK** | | | | | | | |
| | | PL1 | PLASTIC LAMINATE | WILSONART | FINE VELVET TEXTURE 38 | RIVER CHERRY 7937 | -- | |
| | | PL2 | PLASTIC LAMINATE | WILSONART | FINE VELVET TEXTURE 38 | OILED SOAPSTONE 4882 | -- | |
| | | PL3 | PLASTIC LAMINATE | PIONITE | -- | CINDER GRAY CONCRETE | -- | |
| | | PL4 | PLASTIC LAMINATE | NEVAMAR | SUEDE SD | WHITE ESSENCE ES7001T | -- | |
| | | SS1 | SOLID SURFACE | CORIAN | -- | NEUTRAL AGGREGATE | -- | |
| | | SS2 | SOLID SURFACE | CORIAN | -- | LINEN | -- | WINDOW SILLS |
| | **MISCELLANEOUS** | | | | | | | |
| | | RS1 | WINDOW ROLLER SHADE | MECHO | -- | -- | -- | -- |
| | | CG | CORNER GUARD | INPRO | -- | -- | -- | -- |
| | | TRIM1 | METAL TRIM | SCHLUTER | RONDEC | ALUMINUM SATIN ANODIZED | -- | -- |
| | | TRIM2 | METAL TRIM | FRY REGLET | WALLCOVERING TRIM FIELD | ANODIZED, BRUSHED | -- | -- |
| AD-02 | | TRIM3 | METAL TRIM | FRY REGLET | MILLWORK CORNER KEY | MWCK, POWDER COAT | -- | -- |
| | | | WOOD DOOR STAIN | | -- | -- | -- | -- |

**ETR = EXISTING TO REMAIN**

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PROJECT

LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY ACS
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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|---|---|---|
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| AD-02 | 10/20/23 | ADDENDUM 2 |

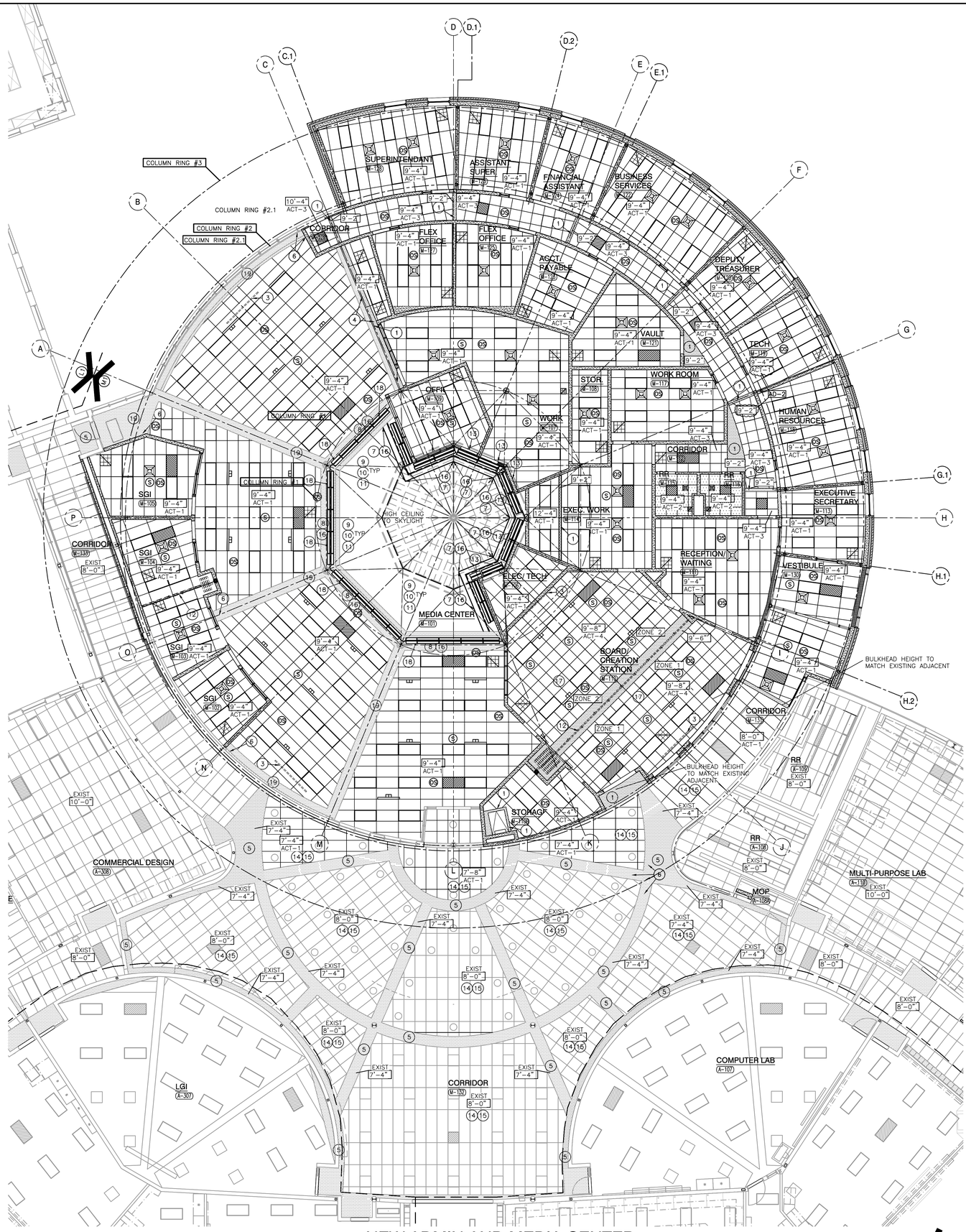
DRAWING
NEW ADMIN AND MEDIA CENTER FINISH LEGEND

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-820-AD


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## NEW ADMIN AND MEDIA CENTER
## ARCHITECTURAL MAIN LEVEL REFLECTED CEILING PLAN - UNIT M1

SCALE: 1/8" = 1'-0"

NORTH

## GENERAL REFLECTED CEILING PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. HEIGHT OF CEILING TAKEN FROM FINISHED FLOOR AT MEDIA CENTER UNLESS NOTED OTHERWISE. −2'−8" FROM 100'−0" (97'−4").

## REFLECTED CEILING PLAN LEGEND:

GYPSUM BOARD BULKHEAD/CEILING

ACT−1 2'−0" x 4'−0" ACST. BD. CEILING SEE FINISH LEGEND/ SCHEDULE FOR TYPE

ACT−2 2'−0" x 2'−0" VINYL FACED ACST. BD. CEILING SEE FINISH LEGEND/ SCHEDULE FOR TYPE

ACT−3 2'−0" x 2'−0" ACST. BD. CEILING SEE FINISH LEGEND/ SCHEDULE FOR TYPE

ACT−4 2'−0" x 2'−0" ACST. BD. CEILING SEE FINISH LEGEND/ SCHEDULE FOR TYPE AD−2

LED LIGHT

1x4 LIGHT FIXTURE

2x2 LIGHT FIXTURE

2x4 LIGHT FIXTURE

LINEAR LIGHT FIXTURE, REFER TO ELECTRICAL

SUPPLY AIR DIFFUSER

LINEAR SUPPLY AIR DIFFUSER

RETURN, EXHAUST, AND TRANSFER AIR GRILLE

(S) CEILING SPEAKER

(OS) OCCUPANCY SENSOR

## REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

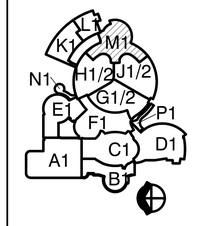
1. GYPSUM BOARD BULKHEAD. — (5 / A−501)
2. 3" W. SOFFIT VENT. LENGTH AS INDICATED.
3. MOTORIZED PROJECTION SCREEN, RECESSED INTO GRID CEILING.
4. EXTEND EXISTING BULKHEAD. ALIGN EVEN WITH ADJACENT.
5. EXISTING BULKHEAD, PAINT P5
6. PATCH/ REPAIR DAMAGED BULKHEAD. PREP TO RECEIVE NEW PAINT FINISH.
7. NEW GYPSUM BOARD AND METAL STUD BULKHEAD WITH LIGHT COVE. REFER TO 1/A−412 TYP. MATCH EXISTING PROFILE. PAINT P1
8. EXISTING BULKHEAD AND LIGHT COVE, PAINT P1
9. EXISTING TECTUM STYLE DECK, CLEAN SURFACE, REFERENCE SPECIFICATION
10. EXISTING EXPOSED BUILDING STRUCTURE, PAINT W3
11. EXISTING EXPOSED SPRINKLER LINES AND ACCESSORIES, PAINT P3
12. MOVABLE PARTITION SLOT AND ASSOCIATED STRUCTURE, REFER TO SECTION 4/A−401 AND STRUCTURAL.
13. WALL CONSTRUCTION TAPERS SYMMETRICALLY TO MEET BUILDING STRUCTURE ABOVE. REFER TO 1/A−412.
14. MATCH EXISTING CEILING HEIGHT THIS AREA.
15. CEILING HEIGHT THIS AREA MEASURED FROM 100'−0"
16. COVE LIGHT AND DIMMER, REFER TO ELECTRICAL
17. ZONE LIGHTING AND DIMMERS. REFER TO ELECTRICAL
18. LINE OF VERTICAL WALL BEYOND LIGHT COVE, EXTENDING TO DOME STRUCTURE ABOVE
19. EXISTING BULKHEAD TO REMAIN. PAINT P1


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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN


PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION





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Phone 317.580.5777 Fax 317.580.5778


PROJECT 23−115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NW
CHECKED BY TA/NW

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
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| AD−2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
NEW ADMIN AND MEDIA CENTER ARCHITECTURAL MAIN LEVEL REFLECTED CEILING PLAN - UNIT M1

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET
A-901-AD


Thursday, 10/19/2023 − 6:17 AM − LAST SAVED BY:TALLEN
Y:\23−110 TRI−CREEK SC − LOWELL HS NEW ENTRY AND MEDIA CENTER\23−110 DRAWINGS\05 ARCH\A−901.DWG

1. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL.
2. FLOOR DRAIN, REFER TO PLUMBING.
3. POWDER COATED ALUMINUM GUARD RAIL.
4. 8" COLD FORMED METAL STUDS, REFER TO STRUCTURAL DRAWINGS.
5. SEMI-RECESSED FIRE EXTINGUISHER CABINET, REFER TO 5/A-501.
6. FIRE EXTINGUISHER AND HOOK.
7. NEW PLUMBING FIXTURES, REFER TO PLUMBING.
8. ELECTRIC FOLDING PARTITION WITH POCKET DOORS, COORDINATE WITH MANUFACTURER FOR FINAL POCKET DIMENSIONS.
9. ELECTRIC FOLDING PARTITION MEANS OF EGRESS DOORS AND HARDWARE. REFER TO SPECS.
10. ROLLING COUNTER DOOR, REFER TO RELATED SECTIONS.
11. KNOX BOX.
12. PROVIDE CONCRETE EQUIPMENT PAD UNDER CHILLER, REFER TO MECHANICAL AND STRUCTURAL. VERIFY SIZE AND LOCATION.
13. CONCRETE SLAB, REFER TO STRUCTURAL. AD-2
14. WALL CONSTRUCTION TO ANCHOR ON TOP OF MASONRY WALL CONSTRUCTION BELOW AND SEAL WALL TO BOTTOM OF ROOF TRUSSES OR FLOOR ABOVE HORIZONTAL. REFER TO 5/A416 SIM.
15. FIRE ALARM CONTROL PANEL- REFER TO ELECTRICAL.
16. DISPLAY/ TV MONITOR. REFER TO EQUIPMENT PLANS.
17. LINE OF ROOF ABOVE. REFER TO ROOF PLAN, SECTIONS, AND DETAILS.
18. CONCRETE MASONRY LOCKER BASE, REFER TO 1/A-501.
19. LOCKER TYPE "A" AND BASE, REFER TO 1/A-501.
20. LOCKER TYPE "B" AND BASE, REFER TO 1/A-501.
21. LOCKER TYPE "C" AND BASE, REFER TO 1/A-501.
22. LOCKER TYPE "D" AND BASE, REFER TO 1/A-501.
23. LOCKER TYPE "E" AND BASE, REFER TO 1/A-501.
24. ACCESSIBLE LOCKER.
25. REFER TO MEP AND EQUIPMENT PLANS FOR SPECIALTY EQUIPMENT IN THIS ROOM.
26. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING.
27. ALTERNATE: ELECTROLYTIC GLAZING.
28. COLD FORMED METAL STUD LOAD BEARING WALL.
29. RATED WALL ASSEMBLY- REFER TO G-SERIES.
30. DEDICATION PLAQUE.
31. OSHA APPROVED GUARD RAIL, COORDINATE FINAL LOCATIONS WITH MEP.
32. PROVIDE SLOPED TOP ON LOCKER TO ALIGN WITH UNDERSIDE OF WINDOW SILL.
33. INTERSTITIAL SPACE CLOSURE COMPLETE. REFER TO 5/A416 AD-2

## GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL

N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

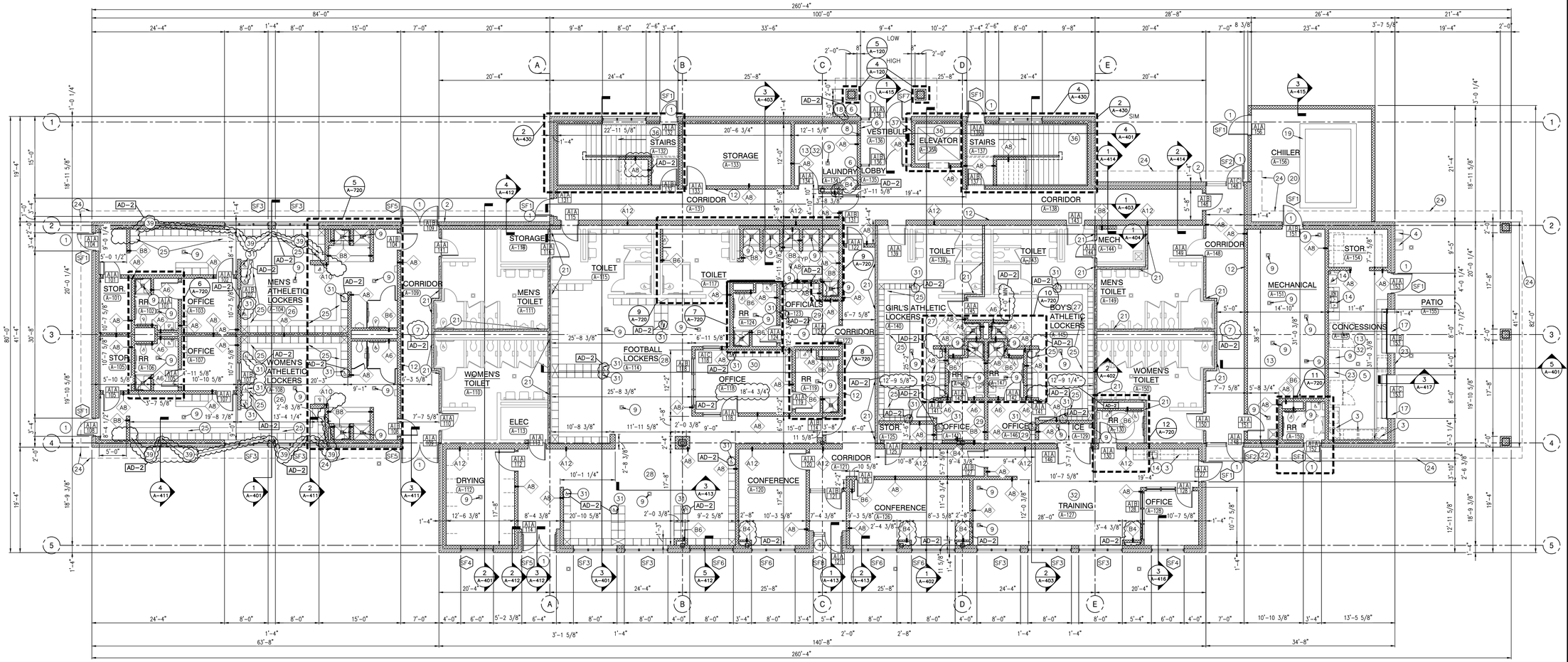
## PLAN LEGEND:

- INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

## PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. CONCRETE VOID SLAB/WALK, REFER TO STRUCTURAL.
2. CARD READER – SEE ELECTRICAL AND TECHNOLOGY. COORDINATE BACK TO NEW MEDIA CENTER.
3. CASEWORK AND/OR MILLWORK. REFER TO EQUIPMENT PLANS.
4. ACCESSIBLE HEIGHT AND STANDARD MOUNTED HEIGHT ELECTRIC WATER COOLER, REFER TO PLUMBING.
5. CONCESSIONS CASEWORK AND EQUIPMENT, REFER TO EQUIPMENT PLAN AND MEP.
6. PUSH PAD FOR ADA OPERATOR. AD-2
7. INTERSTITIAL SPACE ACCESS AT BOTTOM OF TRUSSES REFER 12/A-501




## NORTH STAR BUILDING FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

NORTH


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
23-115
DATE
09/25/23
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DRAWN BY
NW
CHECKED BY
TA/NW

REGISTERED NO. 11600109 STATE OF INDIANA JOSEPH P. BRIGGS ARCHITECT


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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

PROJECT
# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

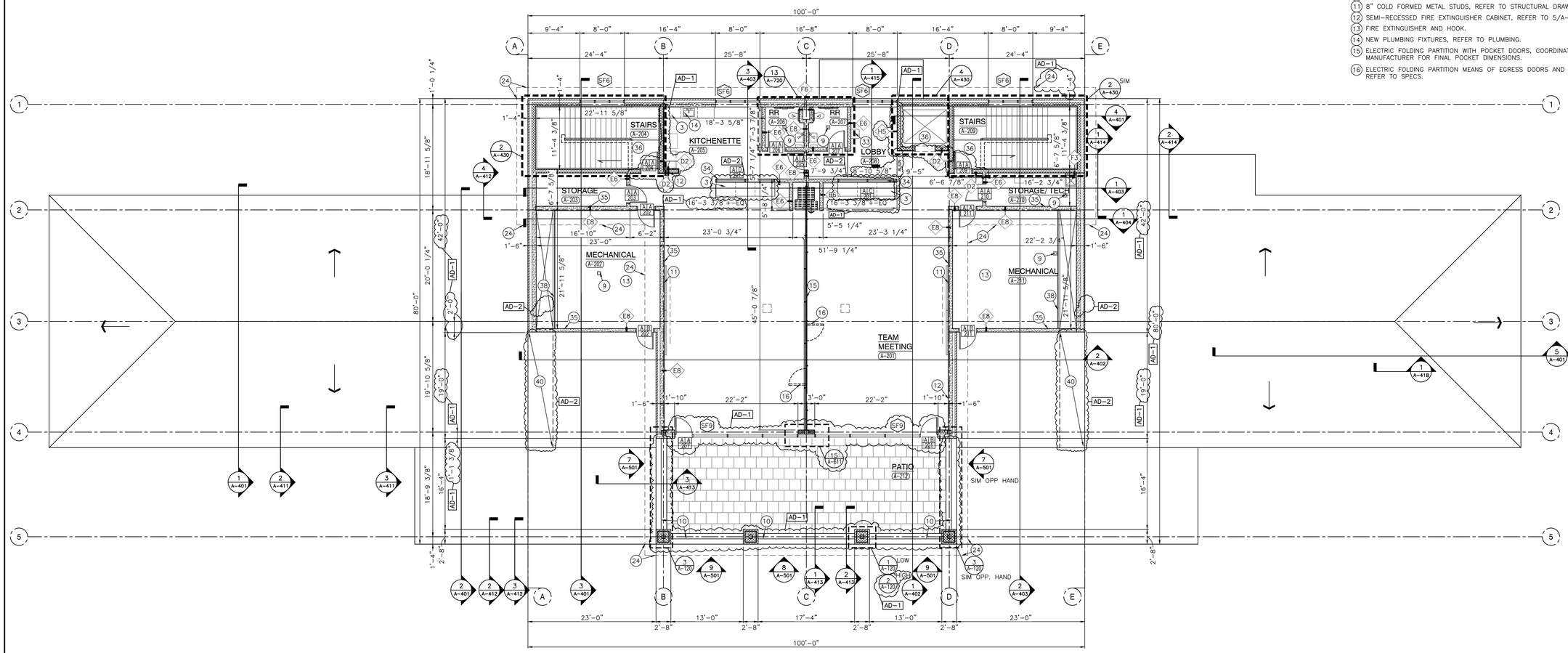
DRAWING
NORTH STAR BUILDING FIRST FLOOR PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET
A-101-NS


Monday, 10/23/2023 - 8:57 AM - LAST SAVED BY:TALLEN
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-101.DWG




## NORTH STAR BUILDING SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

17. ROLLING COUNTER DOOR, REFER TO RELATED SECTIONS.
18. KNOX BOX.
19. PROVIDE CONCRETE EQUIPMENT PAD UNDER CHILLER, REFER TO MECHANICAL AND STRUCTURAL. VERIFY SIZE AND LOCATION.
20. CONCRETE SLAB, REFER TO STRUCTURAL.
21. WALL CONSTRUCTION TO ANCHOR ON TOP OF MASONRY WALL CONSTRUCTION BELOW AND SEAL CEILING AT BOTTOM OF ROOF OR FLOOR HORIZONTAL. REFER TO WALL TYPES.
22. FIRE ALARM CONTROL PANEL– REFER TO ELECTRICAL.
23. DISPLAY/ TV MONITOR. REFER TO EQUIPMENT PLANS.
24. LINE OF ROOF ABOVE. REFER TO ROOF PLAN, SECTIONS, AND DETAILS.
25. CONCRETE MASONRY LOCKER BASE, REFER TO 1/A–501.
26. LOCKER TYPE "A" AND BASE, REFER TO 1/A–501.
27. LOCKER TYPE "B" AND BASE, REFER TO 1/A–501.
28. LOCKER TYPE "C" AND BASE, REFER TO 1/A–501.
29. LOCKER TYPE "D" AND BASE, REFER TO 1/A–501.
30. LOCKER TYPE "E" AND BASE, REFER TO 1/A–501.
31. ACCESSIBLE LOCKER.
32. REFER TO MEP AND EQUIPMENT PLANS FOR SPECIALTY EQUIPMENT IN THIS ROOM.
33. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING.
34. ALTERNATE: ELECTROLYTIC GLAZING.
35. COLD FORMED METAL STUD LOAD BEARING WALL.
36. RATED WALL ASSEMBLY– REFER TO G–SERIES.
37. DEDICATION PLAQUE.
38. OSHA APPROVED GUARD RAIL, COORDINATE FINAL LOCATIONS WITH MEP.
39. PROVIDE SLOPED TOP ON LOCKER TO ALIGN WITH UNDERSIDE OF WINDOW SILL.
40. INTERSTITIAL SPACE CLOSURE COMPLETE. REFER TO 5/A416 AD–2

## GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'–0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL

N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

## PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A–600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G–201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

## PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. CONCRETE VOID SLAB/WALK, REFER TO STRUCTURAL.
2. CARD READER – SEE ELECTRICAL AND TECHNOLOGY. COORDINATE BACK TO NEW MEDIA CENTER.
3. CASEWORK AND/OR MILLWORK. REFER TO EQUIPMENT PLANS.
4. ACCESSIBLE HEIGHT AND STANDARD MOUNTED HEIGHT ELECTRIC WATER COOLER, REFER TO PLUMBING.
5. CONCESSIONS CASEWORK AND EQUIPMENT, REFER TO EQUIPMENT PLAN AND MEP.
6. PUSH PAD FOR ADA OPERATOR.
7. ATTIC ACCESS, REFER 12/A–501
8. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL.
9. FLOOR DRAIN, REFER TO PLUMBING.
10. POWDER COATED ALUMINUM GUARD RAIL.
11. 8" COLD FORMED METAL STUDS, REFER TO STRUCTURAL DRAWINGS.
12. SEMI–RECESSED FIRE EXTINGUISHER CABINET, REFER TO 5/A–501.
13. FIRE EXTINGUISHER AND HOOK.
14. NEW PLUMBING FIXTURES, REFER TO PLUMBING.
15. ELECTRIC FOLDING PARTITION WITH POCKET DOORS, COORDINATE WITH MANUFACTURER FOR FINAL POCKET DIMENSIONS.
16. ELECTRIC FOLDING PARTITION MEANS OF EGRESS DOORS AND HARDWARE. REFER TO SPECS.


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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778


PROJECT 23–115
DATE 09/25/23
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JOSEPH P. BRIGGS REGISTERED ARCHITECT NO. 11600109 STATE OF INDIANA


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| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD–1 | 10/10/23 | ADDENDUM NO. 1 |
| AD–2 | 10/20/23 | ADDENDUM NO. 2 |

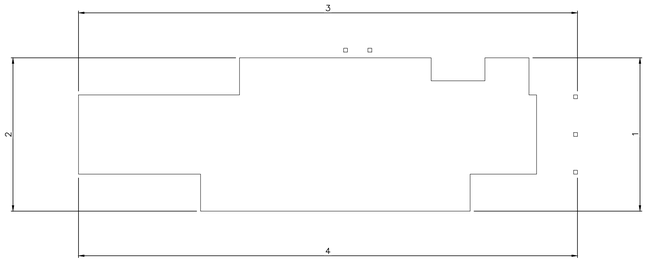
DRAWING
NORTH STAR BUILDING SECOND FLOOR PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET
A-102-NS


Monday, 10/23/2023 – 8:08 AM – LAST SAVED BY:TALLEN
Y:\23-115 TRI-CREEK SC – LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-102.DWG




## ELEVATION KEY

SCALE: NTS

5 / A-301

15. MONUMENT SIGNAGE FOR REFERENCE ONLY, REFER TO SEPERATE BID PACKAGE.
16. DOWNSPOUT CLEAR-OUT AND DOWNSPOUT LINE BELOW GRADE. COORDINATE FINAL CONNECTION IN SEPARATE BID PACKAGE. REFER TO PLUMBING.
17. FRP DOOR WITH ALUMINUM FRAME.
18. CUT STONE WALL CAP.
19. CUT STONE.
20. OWNER PROVIDED BACK LIT LETTERS
21. SPANDREL GLAZING THIS STOREFRONT SYSTEM
22. SPANDREL GLAZING THIS SECTION OF STOREFRONT SYSTEM.

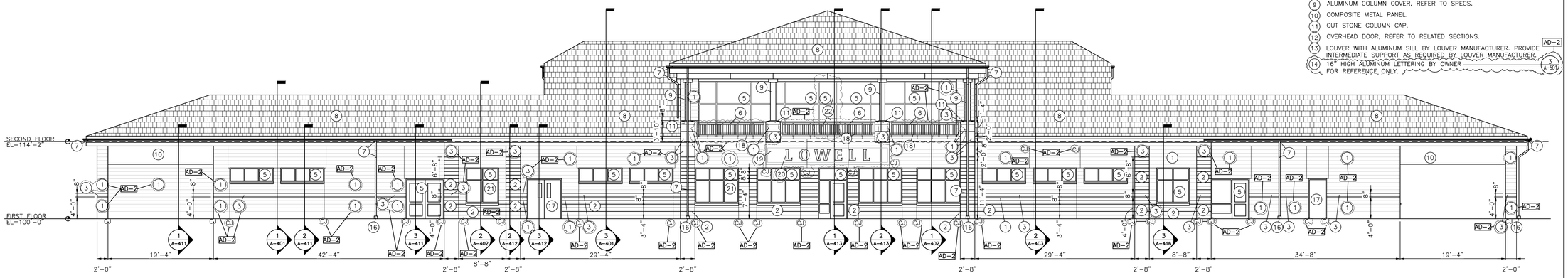
## GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.
B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.
C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
D. ALL NEW SHALL VENEER SHALL BE MODULAR RUNNING BOND UNLESS NOTED OTHERWISE.
E. FINISH GRADE INDICATES ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.
F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.
G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAIL

## ELEVATION KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

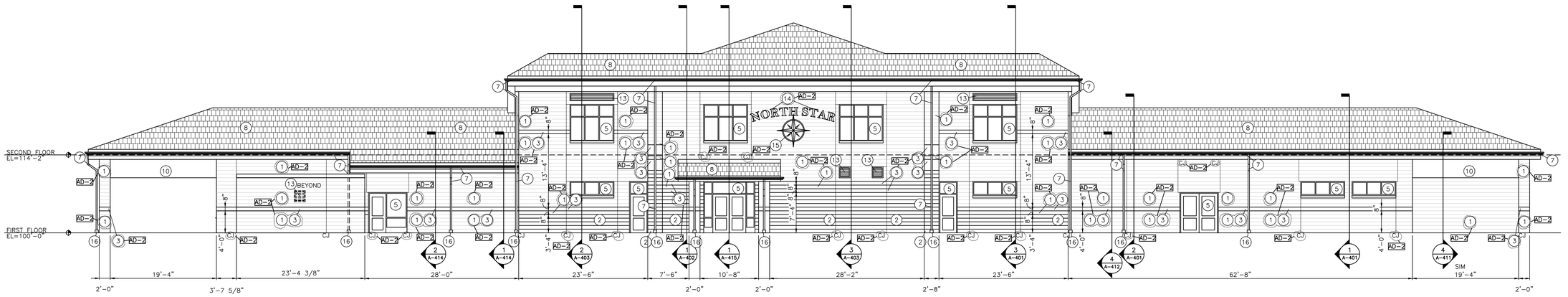
1. TYPE A- SPLIT FACED CMU WITH INTEGRAL COLOR AND WATERPROOFING (RUNNING BOND)
2. TYPE B- SPLIT FACED CMU WITH INTEGRAL COLOR AND WATERPROOFING (RUNNING BOND)
3. TYPE C- FACE BRICK SOLDIER COURSE. STANDARD MODULAR SIZE.
4. METAL PANEL FASCIA.
5. ALUMINUM STOREFRONT SYSTEM.
6. POWDER COATED ALUMINUM GUARD RAIL.
7. METAL GUTTER AND DOWNSPOUT, ROOF LEADER AND ELBOWS, REFER TO ROOF PLAN.
8. ASPHALT SHINGLE ROOF, REFER TO ROOF PLANS.
9. ALUMINUM COLUMN COVER, REFER TO SPECS.
10. COMPOSITE METAL PANEL.
11. CUT STONE COLUMN CAP.
12. OVERHEAD DOOR, REFER TO RELATED SECTIONS.
13. LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER. PROVIDE INTERMEDIATE SUPPORT AS REQUIRED BY LOUVER MANUFACTURER.
14. 16" HIGH ALUMINUM LETTERING BY OWNER FOR REFERENCE ONLY.




## SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

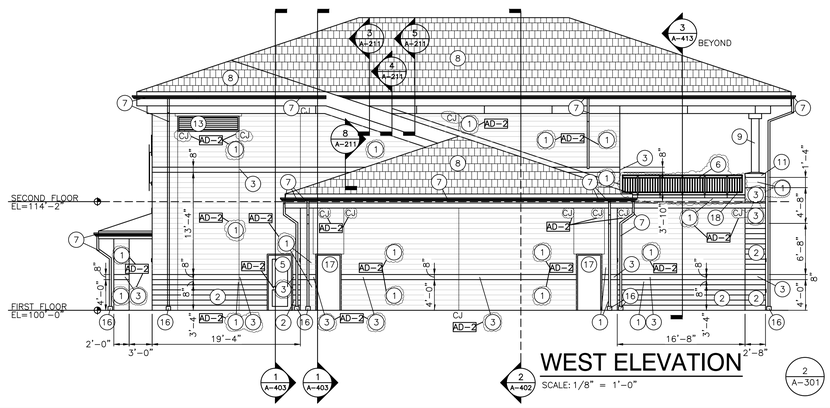
4 / A-301




## NORTH ELEVATION

SCALE: 1/8" = 1'-0"

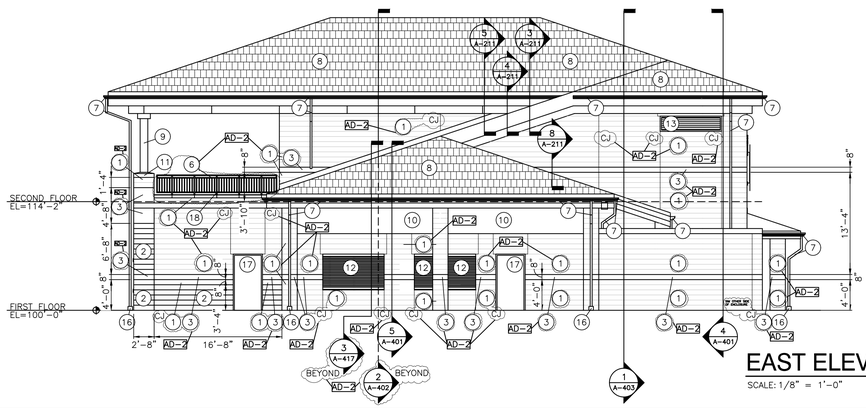
3 / A-301




## WEST ELEVATION

SCALE: 1/8" = 1'-0"

2 / A-301




## EAST ELEVATION

SCALE: 1/8" = 1'-0"

1 / A-301

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

GIBRALTAR DESIGN
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Indianapolis, IN 46260
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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

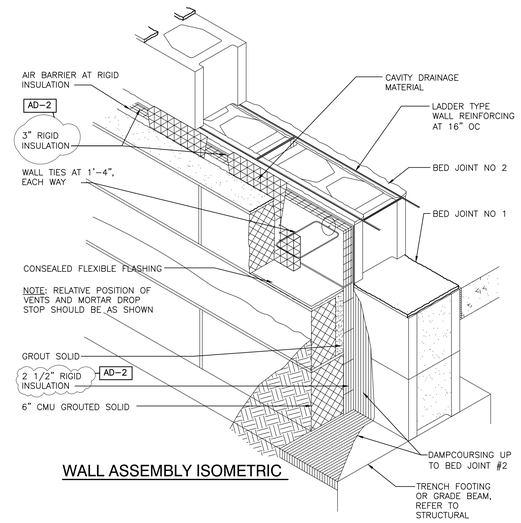
DRAWING
NORTH STAR BUILDING ELEVATIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

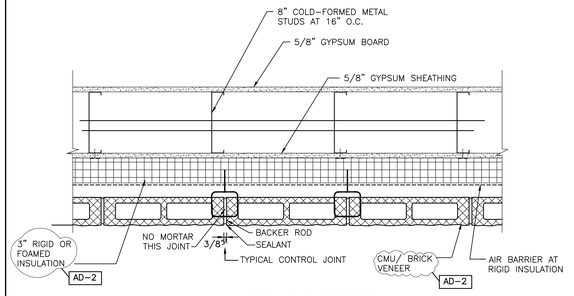
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SHEET
A-301-NS

Thursday, 10/19/2023 - 11:49 AM - LAST SAVED BY:TALLEN
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-301.DWG

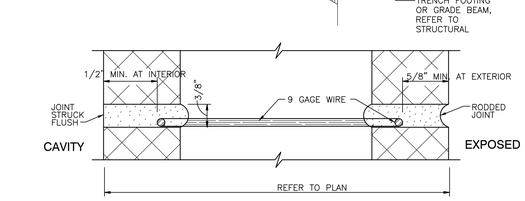



WALL ASSEMBLY ISOMETRIC



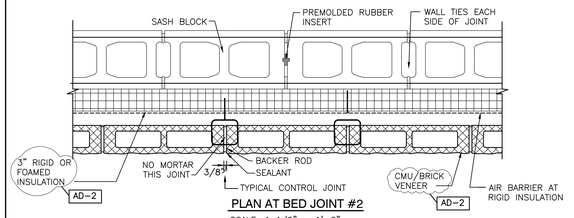

BED JOINT AT STUD WALL

SCALE: 1 1/2" = 1'-0"



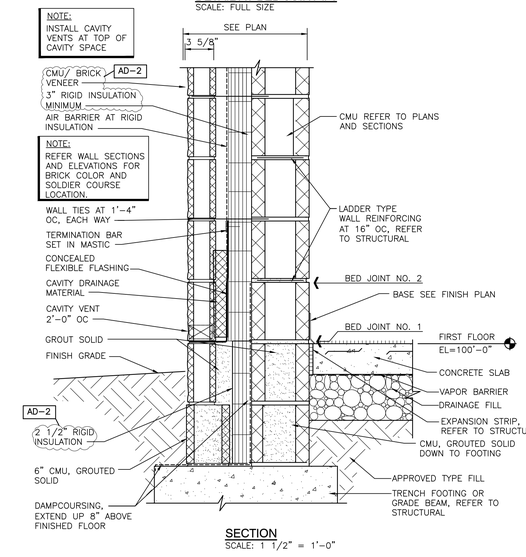

DETAIL AT BED JOINT #1

SCALE: FULL SIZE



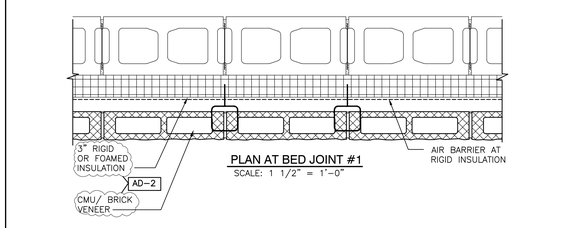

PLAN AT BED JOINT #2

SCALE: 1 1/2" = 1'-0"




SECTION

SCALE: 1 1/2" = 1'-0"




PLAN AT BED JOINT #1

SCALE: 1 1/2" = 1'-0"

TYPICAL EXTERIOR MASONRY WALL CONSTRUCTION DETAIL

SCALE: AS INDICATED

1
A-410

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NW
CHECKED BY TA/NW

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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DRAWING

NORTH STAR BUILDING WALL SECTIONS

PROJECT

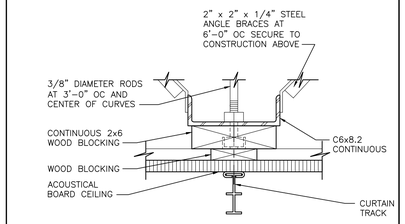
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET

A-410-NS

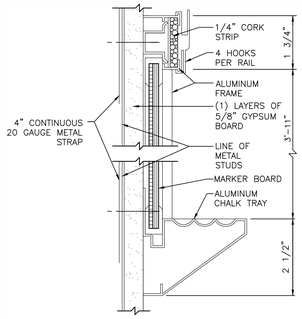
Monday, 10/23/2023 - 7:12 AM - LAST SAVED BY:TALLEN
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-410.DWG




## CUBICAL CURTAIN TRACK DETAIL

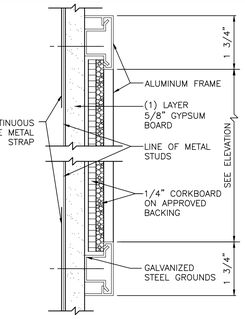
SCALE: 3" = 1'-0"

11 / A-501



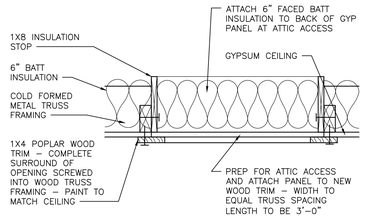

## SECTION "A"

SCALE: 6" = 1'-0"




## SECTION "B"

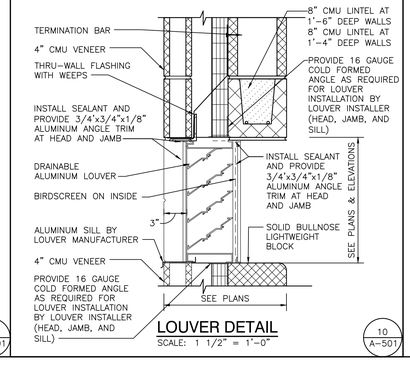
SCALE: 6" = 1'-0"




## ATTIC ACCESS

SCALE: 1 1/2" = 1'-0"

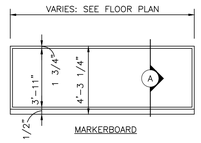
12 / A-501



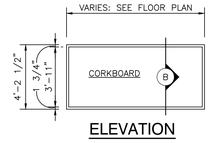

## LOUVER DETAIL

SCALE: 1 1/2" = 1'-0"

10 / A-501




## ELEVATION




## ELEVATION

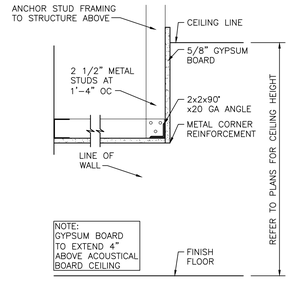
NOTES:

1. SEE FLOOR PLANS FOR LOCATION.
2. SEE ROOM FINISH SCHEDULE FOR WALL FINISH
3. MOUNTING HEIGHT AS DIRECTED BY ARCHITECT

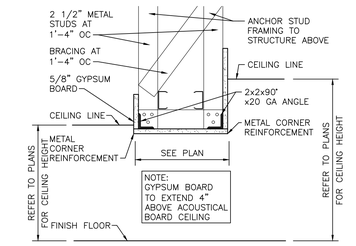
## MARKERBOARDS AND CORKBOARDS

SCALE: 1/4" = 1'-0"

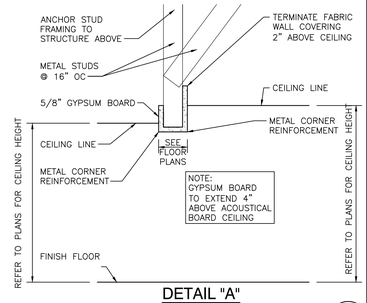
6 / A-501




## DETAIL "C"




## DETAIL "B"

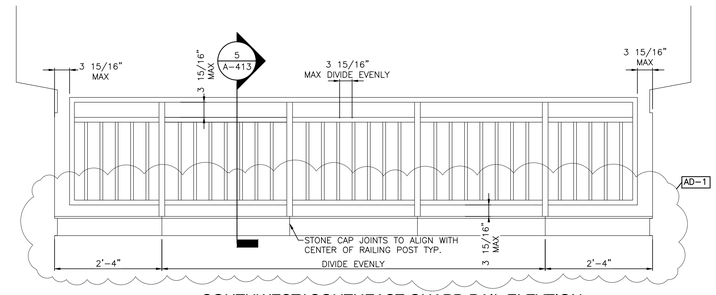



## DETAIL "A"

## BULKHEAD DETAILS

SCALE: 1 1/2"=1'-0"

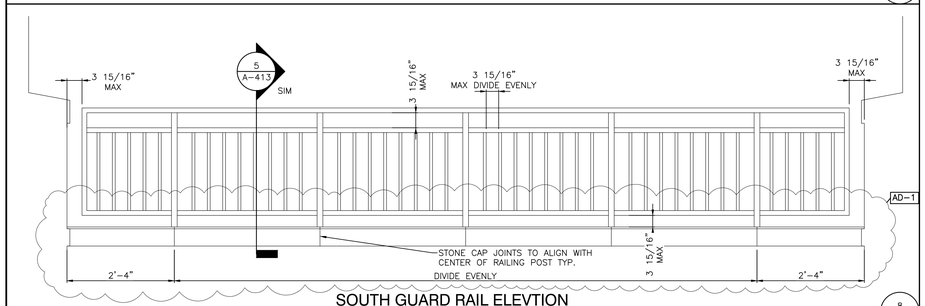
2 / A-501




## SOUTHWEST/ SOUTHEAST GUARD RAIL ELEVTION

SCALE: 3/4" = 1'-0"

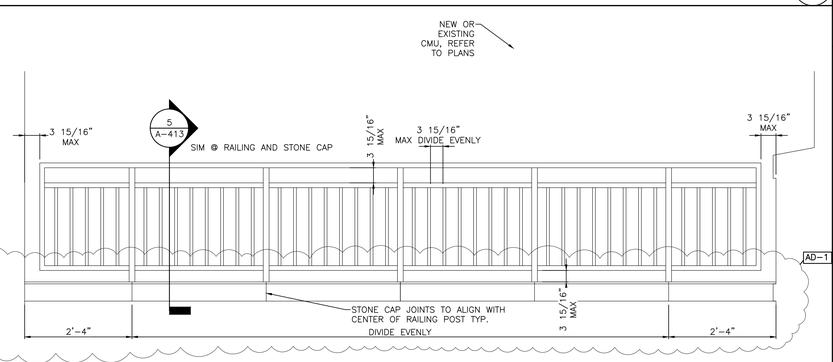
9 / A-501




## SOUTH GUARD RAIL ELEVTION

SCALE: 3/4" = 1'-0"

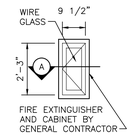
8 / A-501




## EAST/ WEST GUARD RAIL ELEVTION

SCALE: 3/4" = 1'-0"

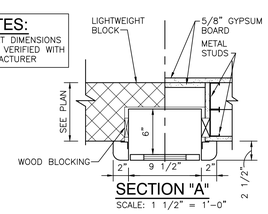
7 / A-501




## ELEVATION

NOT TO SCALE

NOTES:
CABINET DIMENSIONS TO BE VERIFIED WITH MANUFACTURER



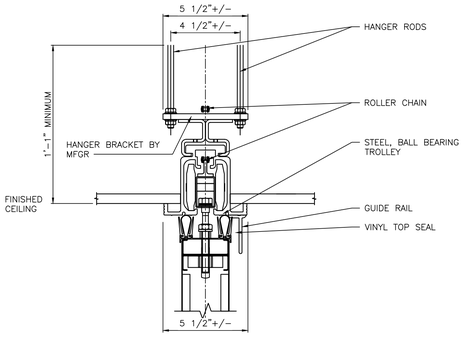

## SECTION "A"

SCALE: 1 1/2" = 1'-0"

## SEMI-RECESSED FIRE EXTINGUISHER CABINET

SCALE: 1 1/2" = 1'-0"

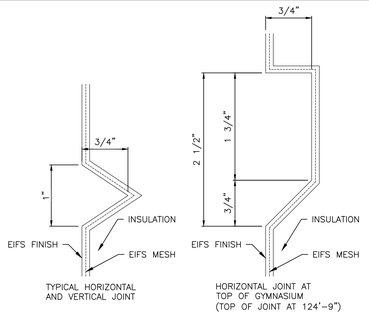
5 / A-501




## FOLDING PARTITION HEAD

SCALE: 3" = 1'-0"

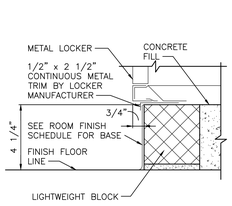
4 / A-501




## EIFS RECESS DETAIL

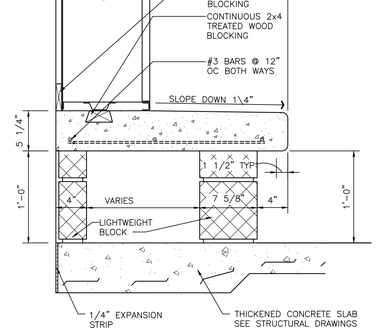
SCALE: 1'-0" = 1'-0"

3 / A-501



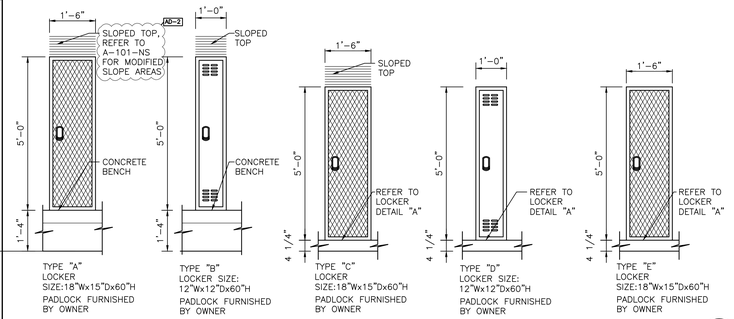

## LOCKER DETAIL A

SCALE: 1 1/2" = 1'-0"




## LOCKER BENCH

SCALE: 1 1/2" = 1'-0"




TYPE "A" LOCKER SIZE:18"Wx15"Dx60"H PADLOCK FURNISHED BY OWNER

TYPE "B" LOCKER SIZE: 12"Wx12"Dx60"H PADLOCK FURNISHED BY OWNER

TYPE "C" LOCKER SIZE:18"Wx15"Dx60"H PADLOCK FURNISHED BY OWNER

TYPE "D" LOCKER SIZE: 12"Wx12"Dx60"H PADLOCK FURNISHED BY OWNER

TYPE "E" LOCKER SIZE:18"Wx15"Dx60"H PADLOCK FURNISHED BY OWNER

## TYPICAL LOCKER ELEVATIONS & DETAILS

SCALE: 1/2" = 1'-0"

1 / A-501

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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9102 N. Meridian St., Ste. 300
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NW
CHECKED BY TA/NW

REGISTERED JOSEPH P. BRIGGS NO. 11600109 STATE OF INDIANA ARCHITECT

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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

NORTH STAR BUILDING TYPICAL DETAILS

PROJECT

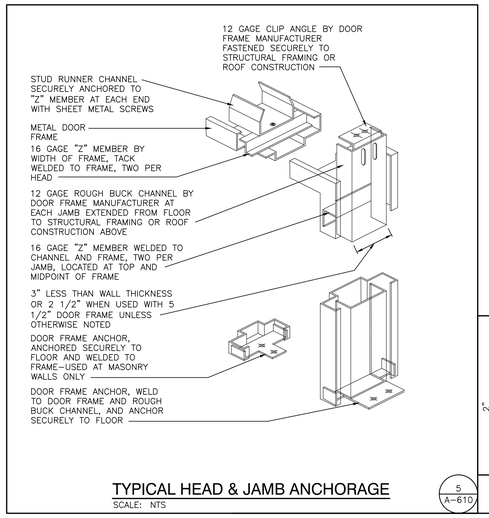
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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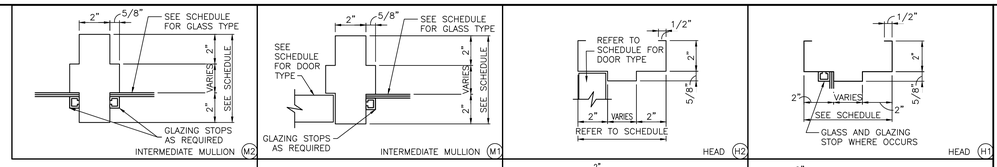
SHEET

A-501-NS

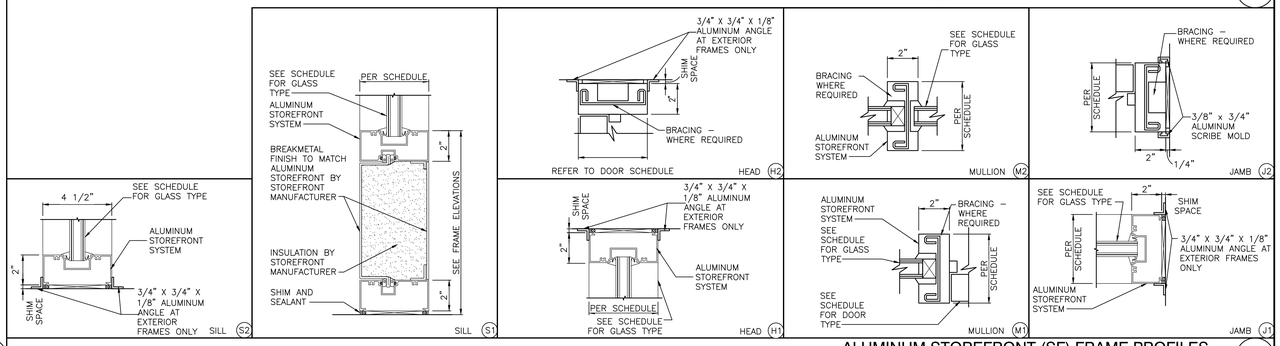
Wednesday, 10/18/2023 – 12:16 PM – LAST SAVED BY:NWESLEY
Y:\23-115 TRI-CREEK SC – LOWELL HS NEW STADIUM 23-115 DRAWINGS\05 ARCH\A-501.DWG




TYPICAL HEAD & JAMB ANCHORAGE (5 / A-610)
SCALE: NTS




HOLLOW METAL (HM) FRAME PROFILES (4 / A-610)
SCALE: 3" = 1'-0"

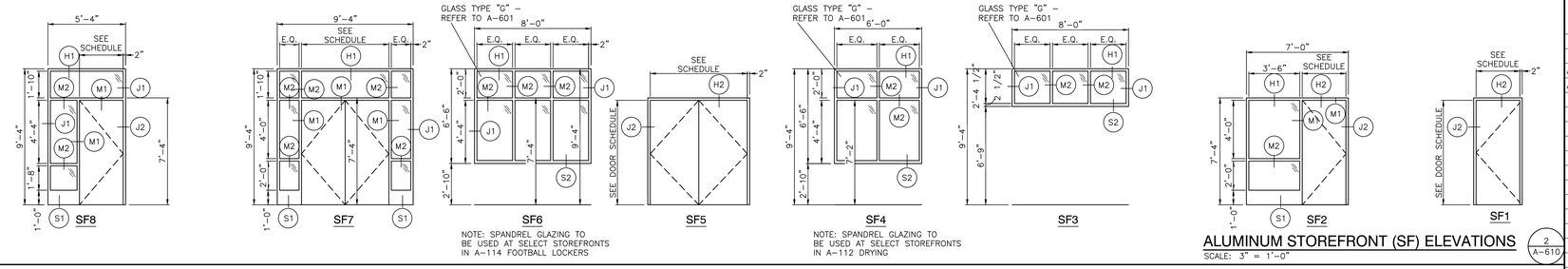



ALUMINUM STOREFRONT (SF) FRAME PROFILES (3 / A-610)
SCALE: 3" = 1'-0"




## NOTES - ALUMINUM STOREFRONT (SF)

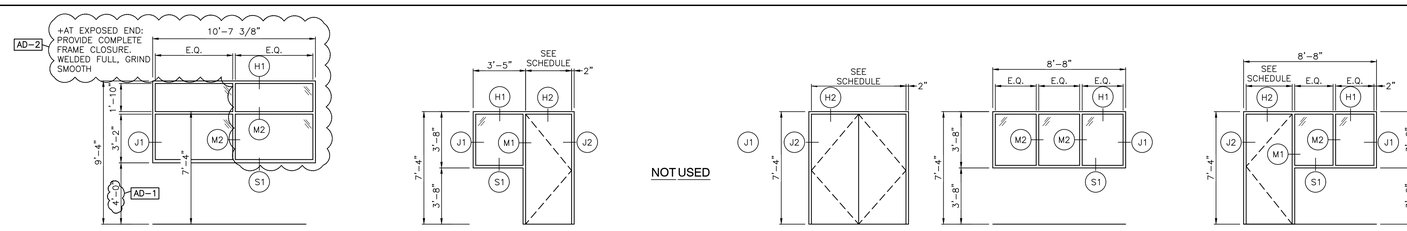
1. FOR STOREFRONT HEAD, JAMB, AND SILL DETAILS REFER TO WALL SECTIONS AND ALUMINUM STOREFRONT (SF) FRAME PROFILES
2. PROVIDE SHIM SPACE, BACKER ROD, AND SEALANT AROUND PERIMETER OF ALL FRAMES WHERE FRAMING ABUTS DISSIMILAR MATERIAL
3. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR STOREFRONT FRAMING
4. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION
5. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING
6. REFER TO DOOR AND FRAME SCHEDULE FOR GLASS SCHEDULE
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES
8. PROVIDE 3/4" X 3/4" X 1/8" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL FRAMES UNLESS NOTED OTHERWISE. SET SCRIBE MOLDS IN SEALANT.




ALUMINUM STOREFRONT (SF) ELEVATIONS (2 / A-610)
SCALE: 3" = 1'-0"

## NOTES - HOLLOW METAL (HM)

1. FOR HOLLOW METAL HEAD, JAMB AND SILL DETAILS REFER TO WALL SECTIONS AND HOLLOW METAL (HM) FRAME PROFILES .
2. PROVIDE SEALANT AROUND PERIMETER OF ALL FRAMES.
3. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
4. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE ROOM FINISH SCHEDULE FOR WALL FINISHES.
5. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED
6. ALTERNATE: PROVIDE ELECTROLITE GLAZING AS SHOWN.
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.




HOLLOW METAL (HM) ELEVATIONS (1 / A-610)
SCALE: 3" = 1'-0"

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

PROJECT 23–115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NW
CHECKED BY TA/NW

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
NORTH STAR BUILDING DOOR AND WINDOW FRAMES, PROFILES, ELEVATIONS, AND DETAILS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-610-NS

Wednesday, 10/18/2023 – 1:03 PM – LAST SAVED BY:NWESLEY
Y:\23-115 TRI-CREEK SC – LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-610.DWG

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - LAUNDRY AND STORAGE

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 72 | WASHER/ DRYER | 3'-10" X 2'-8" STACKED WASHER-EXTRACTOR/ TUMBLE DRYER | WATER/SAN |
| 73 | OZONE | 5'-6" X 2'-0" STORAGE CABINET | |
| 74 | DRYING RACK | 3'-2" X 2'-0" RACK | |
| 75 | DRYING RACK | 5'-0" X 2'-0" RACK | |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - OFFICIALS

AD-02

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 76 | REFRIGERATOR | 3'-0" X 2'-3" FREE STANDING REFRIGERATOR | POWER |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - TEAM MEETING

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 77 | ICE MACHINE | 2'-6" X 2'-6" WATER COOLED ICE NUGGET MACHINE W/ STORAGE ICE BIN | WATER |
| 78 | WARMING CART | 2'-8" X 2'-4" WARMER | POWER |
| 79 | REFRIGERATOR | 3'-0" X 2'-3" FREE STANDING REFRIGERATOR | POWER |
| 80 | BEVERAGE COOLER | 2'-6" X 2'-6" COOLER FOR DRINKS | POWER |
| 81 | -- | TECH RACK, 3'-4" X 1'-8" | POWER |
| 82 | -- | TABLE AND CHAIR STORAGE | |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - CONCESSIONS

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 52 | UPRIGHT FREEZER | 2'-8" X 2'-5" FREEZER WITHIN STORAGE | POWER |
| 53 | UPRIGHT REFRIGERATOR | 2'-8" X 2'-5" REFRIGERATOR WITHIN STORAGE | POWER |
| 54 | POP COOLER | 3'-9" X 2'-10" FREESTANDING COOLER FOR DRINKS | POWER |
| 55 | -- | MENU MONITOR | POWER/DATA |
| 56 | -- | MICROWAVE | POWER |
| 57 | -- | NOT USED | |
| 58 | COUNTERTOP WARMER | 2'-6" X 1'-8" SURFACE | POWER |
| 59 | POPCORN | 2'-3" X 1'-8" | 220V |
| 60 | FOOD WARMER | 2'-3" X 1'-9" WARMING AREA | POWER |
| 61 | WIRE RACKS | RACKS LINING PERIMETER OF STORAGE | |
| 62 | WIRE RACKS | RACKS ABOVE COMPARTMENT SINK | |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - TRAINING

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 63 | -- | UPRIGHT BIKE | |
| 64 | THERAPY TABLE | 6'-6" X 2'-6" TABLE FOR TREATING LEGS AND SHOULDERS | |
| 65 | MODALITY CART | 2'-8" X 1'-8" CART | |
| 66 | TAPING STATION | 3'-0" X 2'-3" WORK SURFACE | |
| 67 | WHIRLPOOL | 5'-5" X 4'-2" MAX FLOOR AREA, INCLUDING DOCK STATION | WATER POWER |
| 68 | ICE MACHINE | 2'-6" X 2'-6" WATER COOLED ICE NUGGET MACHINE W/ STORAGE ICE BIN | WATER POWER |
| 69 | -- | WALL MOUNTED THERMABAND | |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - DRY

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 70 | -- | SPECIALTY SHOULDER PAD DRYING EQUIPMENT, TBD | |
| 71 | DRYING RACK | 5'-0" X 1'-6" RACK | |

## GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
B. FIELD VERIFY ALL DIMENSIONS.
C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.
E. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ROOM ACCESSORIES.

## EQUIPMENT PLAN LEGEND:

(↔) INDICATES CASEWORK ELEVATION SYMBOL – REFER TO A-800 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
------ INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
---- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN ONSTRUCTION CONTRACTS).
⌐(CG) INDICATES CORNER GUARD
(MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. → 6/A-501
(TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
(RS) INDICATES ROLLER SHADE.

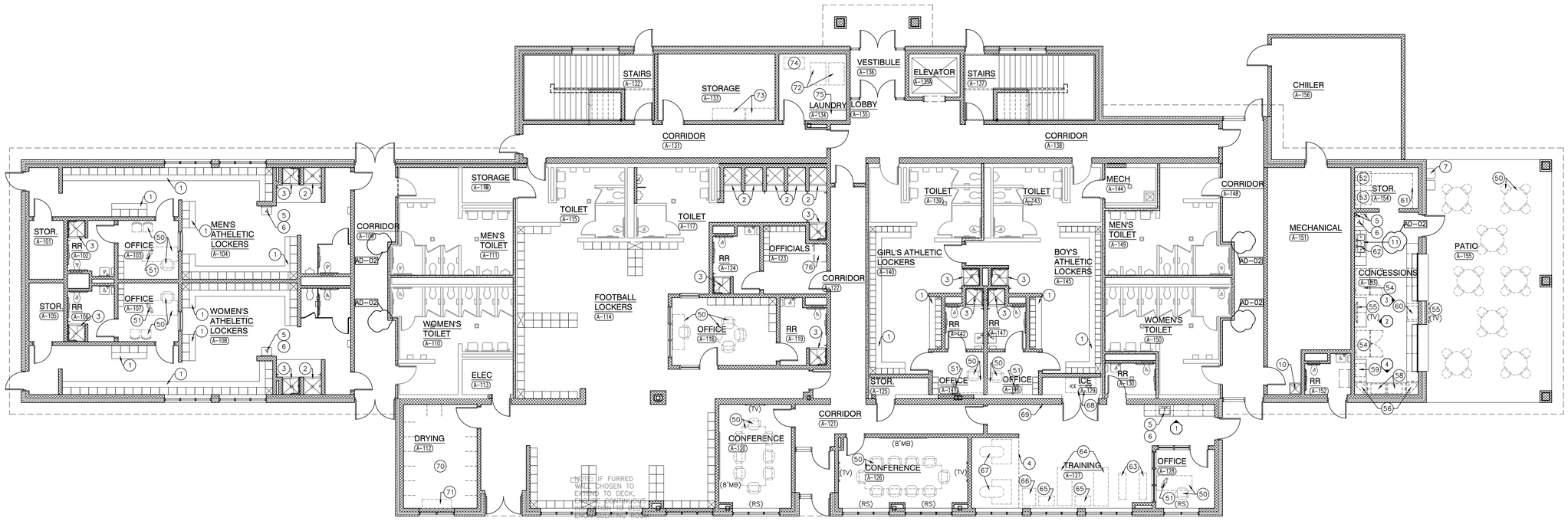
## EQUIPMENT PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

1. LOCKER BENCH (18" TO TOP OF BENCH). → 1/A-501
2. SHOWER WITH CURTAIN AND ROD, REFER TO PLUMBING DRAWINGS
3. ADA SHOWER WITH CURTAIN AND ROD, REFER TO PLUMBING DRAWINGS
4. PRIVACY CURTAIN
5. PAPER TOWEL AND SOAP DISPENSER, OFCI
6. SINK, REFER TO PLUMBING DRAWINGS
7. DRINKING FOUNTAIN WITH BOTTLE FILLER, REFER TO PLUMBING DRAWINGS
8. PROJECTION SCREEN (ELECTRICALLY OPERATED)
9. FOLDING PARTITION (ELECTRICALLY OPERATED) → 4/A-501
10. MOP SINK, REFER TO PLUMBING DRAWINGS
11. THREE-COMPARTMENT SINK UNIT, REFER TO PLUMBING DRAWINGS → AD-02

## OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER




## NORTH STAR BUILDING FIRST FLOOR EQUIPMENT PLAN

SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NJW/ACS
CHECKED BY TA/NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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| AD-02 | 10/20/23 | ADDENDUM 2 |

DRAWING
NORTH STAR BUILDING FIRST FLOOR EQUIPMENT PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-701-NS


Thursday, 10/19/2023 - 1:28 PM - LAST SAVED BY:ASCOTT
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-701-NS.DWG

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - LAUNDRY AND STORAGE

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 72 | WASHER/ DRYER | 3'-10" X 2'-8" STACKED WASHER-EXTRACTOR/ TUMBLE DRYER | WATER/SAN |
| 73 | OZONE | 5'-6" X 2'-0" STORAGE CABINET | |
| 74 | DRYING RACK | 3'-2" X 2'-0" RACK | |
| 75 | DRYING RACK | 5'-0" X 2'-0" RACK | |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - OFFICIALS

AD-02

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 76 | REFRIGERATOR | 3'-0" X 2'-3" FREE STANDING REFRIGERATOR | POWER |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - TEAM MEETING

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 77 | ICE MACHINE | 2'-6" X 2'-6" WATER COOLED ICE NUGGET MACHINE W/ STORAGE ICE BIN | WATER |
| 78 | WARMING CART | 2'-8" X 2'-4" WARMER | POWER |
| 79 | REFRIGERATOR | 3'-0" X 2'-3" FREE STANDING REFRIGERATOR | POWER |
| 80 | BEVERAGE COOLER | 2'-6" X 2'-6" COOLER FOR DRINKS | POWER |
| 81 | -- | TECH RACK, 3'-4" X 1'-8" | POWER |
| 82 | -- | TABLE AND CHAIR STORAGE | |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - CONCESSIONS

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 52 | UPRIGHT FREEZER | 2'-8" X 2'-5" FREEZER WITHIN STORAGE | POWER |
| 53 | UPRIGHT REFRIGERATOR | 2'-8" X 2'-5" REFRIGERATOR WITHIN STORAGE | POWER |
| 54 | POP COOLER | 3'-9" X 2'-10" FREESTANDING COOLER FOR DRINKS | POWER |
| 55 | -- | MENU MONITOR | POWER/DATA |
| 56 | -- | MICROWAVE | POWER |
| 57 | -- | NOT USED | |
| 58 | COUNTERTOP WARMER | 2'-6" X 1'-8" SURFACE | POWER |
| 59 | POPCORN | 2'-3" X 1'-8" | 220V |
| 60 | FOOD WARMER | 2'-3" X 1'-9" WARMING AREA | POWER |
| 61 | WIRE RACKS | RACKS LINING PERIMETER OF STORAGE | |
| 62 | WIRE RACKS | RACKS ABOVE COMPARTMENT SINK | |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - TRAINING

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 63 | -- | UPRIGHT BIKE | |
| 64 | THERAPY TABLE | 6'-6" X 2'-6" TABLE FOR TREATING LEGS AND SHOULDERS | |
| 65 | MODALITY CART | 2'-8" X 1'-8" CART | |
| 66 | TAPING STATION | 3'-0" X 2'-3" WORK SURFACE | |
| 67 | WHIRLPOOL | 5'-5" X 4'-2" MAX FLOOR AREA, INCLUDING DOCK STATION | WATER POWER |
| 68 | ICE MACHINE | 2'-6" X 2'-6" WATER COOLED ICE NUGGET MACHINE W/ STORAGE ICE BIN | WATER POWER |
| 69 | -- | WALL MOUNTED THERMABAND | |

## OWNER EQUIPMENT SCHEDULE
### NORTH STAR - DRY

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 70 | -- | SPECIALTY SHOULDER PAD DRYING EQUIPMENT, TBD | |
| 71 | DRYING RACK | 5'-0" X 1'-6" RACK | |

## GENERAL EQUIPMENT PLAN NOTES:

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B. FIELD VERIFY ALL DIMENSIONS.
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D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.
E. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ROOM ACCESSORIES.

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- - - - INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN ONSTRUCTION CONTRACTS).
⌐(CG) INDICATES CORNER GUARD
(MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. — 6 / A-501
(TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
(RS) INDICATES ROLLER SHADE.

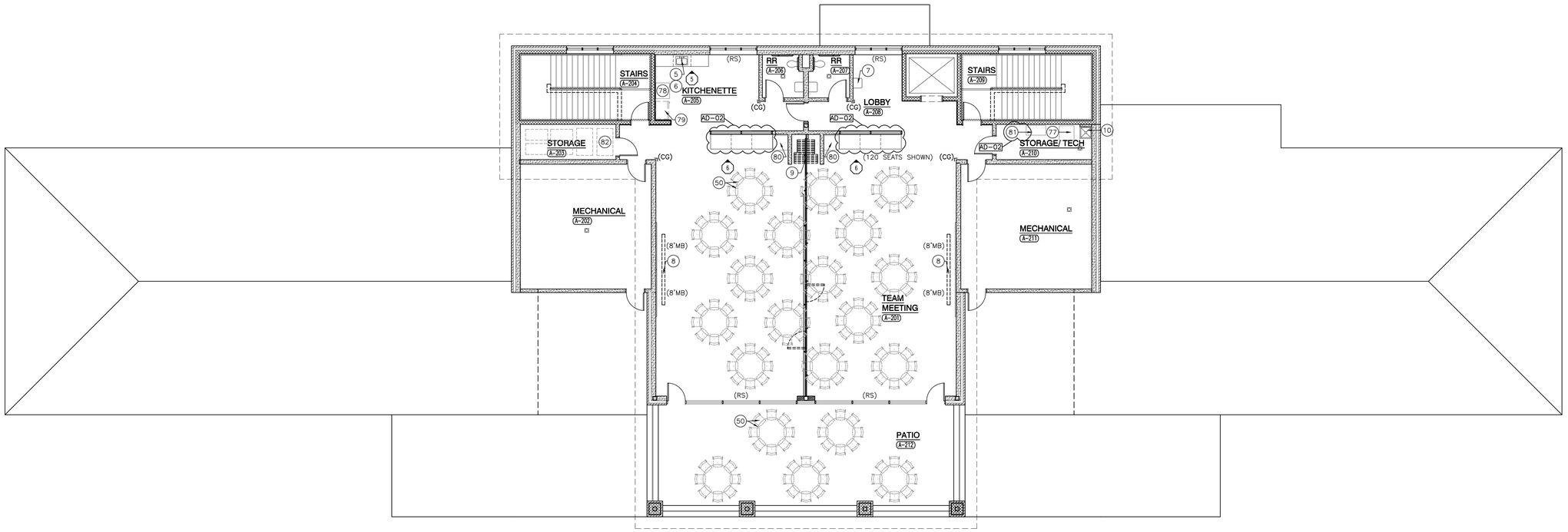
## EQUIPMENT PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

1. LOCKER BENCH (18" TO TOP OF BENCH). — 1 / A-501
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7. DRINKING FOUNTAIN WITH BOTTLE FILLER, REFER TO PLUMBING DRAWINGS
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9. FOLDING PARTITION (ELECTRICALLY OPERATED) — 4 / A-501
10. MOP SINK, REFER TO PLUMBING DRAWINGS
11. THREE-COMPARTMENT SINK UNIT, REFER TO PLUMBING DRAWINGS — AD-02

## OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER




## NORTH STAR BUILDING SECOND FLOOR EQUIPMENT PLAN

SCALE: 1/8" = 1'-0"

NORTH


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

GIBRALTAR DESIGN
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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NJW/ACS
CHECKED BY TA/NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

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|---|---|---|
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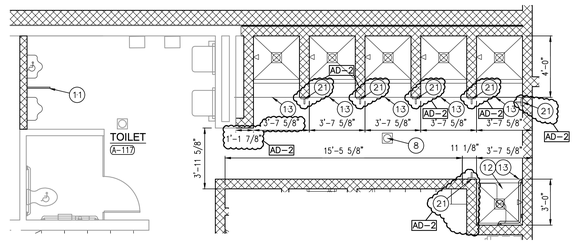
DRAWING
NORTH STAR BUILDING SECOND FLOOR EQUIPMENT PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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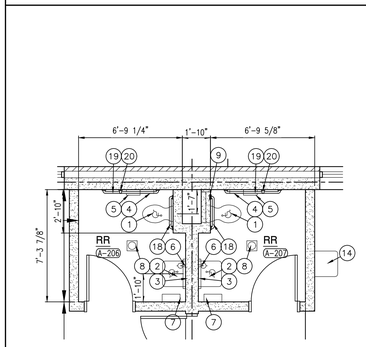
SHEET
A-702-NS


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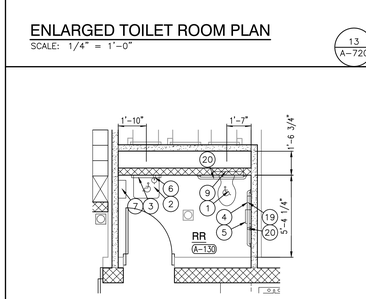

ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

9 / A-720




ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

8 / A-720



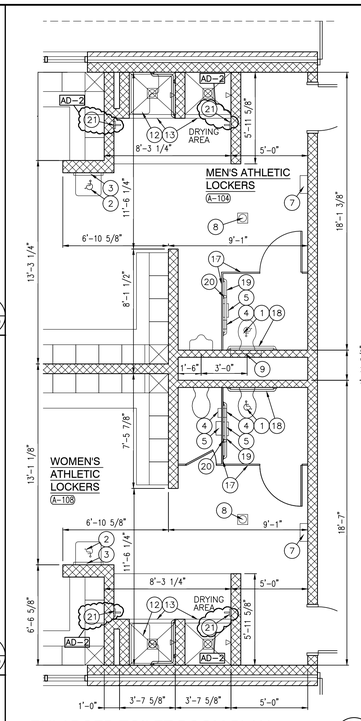

ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

7 / A-720




ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

6 / A-720




ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

5 / A-720




ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

12 / A-720



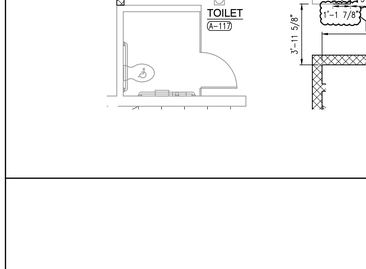

ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

11 / A-720



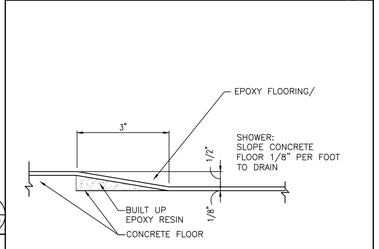

ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

10 / A-720



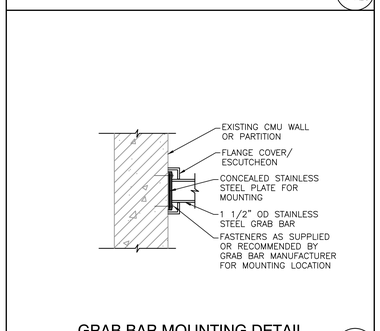

ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

13 / A-720



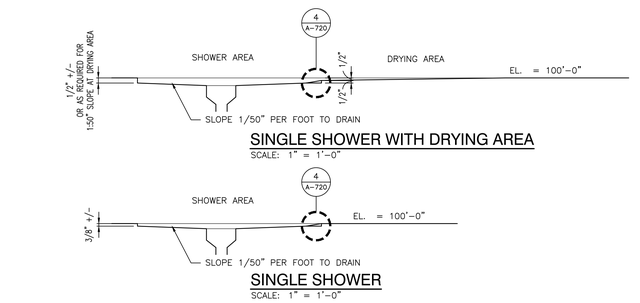

SHOWER CURB DETAIL
SCALE: 6" = 1'-0"

4 / A-720




GRAB BAR MOUNTING DETAIL
SCALE: 1 1/2" = 1'-0"

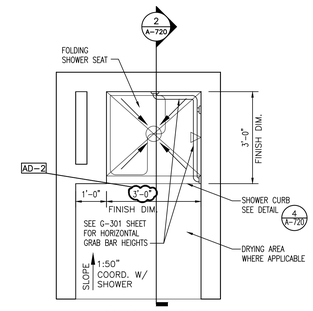
3 / A-720



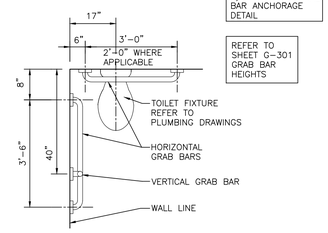

SINGLE SHOWER WITH DRYING AREA
SCALE: 1" = 1'-0"

SINGLE SHOWER
SCALE: 1" = 1'-0"

2 / A-720



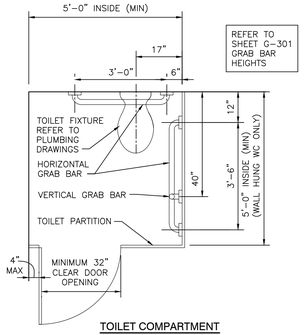

ACCESSIBLE SHOWER




REFER TO DETAIL 3/A-720 FOR GRAB BAR ANCHORAGE DETAIL

REFER TO SHEET G-301 GRAB BAR HEIGHTS

SINGLE USER TOILET ROOM




REFER TO SHEET G-301 GRAB BAR HEIGHTS

TOILET COMPARTMENT

ACCESSIBLE FACILITIES
SCALE: 1/2" = 1'-0"

1 / A-720

## GENERAL RESTROOM PLAN NOTES:

A. FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE SHEET GJ01.

B. DEPTH OF ALL TOILET ENCLOSURES SHALL BE A MINIMUM OF 5'-0" CLEAR INSIDE DIMENSION UNLESS NOTED OTHERWISE.

C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.

D. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.

E. COORDINATE HEIGHT OF GRAB BAR WITH TANK OF FLOOR MOUNTED WATER CLOSET OR FLUSH VALVE OF WALL MOUNTED WATER CLOSET.

F. INSTALL LAVATORIES AND URINALS AT 2'-6" ON CENTER MINIMUM UNLESS NOTED OTHERWISE.

G. FOR ACCESSIBLE MOUNTING HEIGHTS REFER TO SHEET G-301.

## RESTROOM PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. ACCESSIBLE FACILITIES. — 1 / A-720
2. ACCESSIBLE FIXTURE (LAVATORY/URINAL). REFER TO PLUMBING DRAWINGS.
3. 1'-6" W x 3'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 40"A.F.F.
4. FEMININE NAPKIN DISPOSAL.
5. TOILET PAPER HOLDER. (OFCI)
6. SOAP DISPENSER. (OFCI)
7. ELECTRIC HAND DRYER.
8. FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
9. 24"x24" ACCESS PANEL. MOUNT TOP OF PANEL AT 5'-4" A.F.F. COORDINATE LOCATION W/ SENSOR HEIGHT.
10. 2'-0" x 5'-0" MIRROR BOTTOM @ 1'-4" A.F.F.
11. URINAL SCREEN WALL.
12. ACCESSIBLE SHOWER. — 2 / A-720
13. SHOWER ROD AND CURTAIN.
14. ELECTRIC WATER COOLER, REFER TO EQUIPMENT PLANS AND PLUMBING DRAWINGS.
15. MOP SINK, REFER TO PLUMBING DRAWINGS.
16. BABY CHANGING TABLE. (OFCI)
17. TOILET PARTITION.
18. 3'-0" HANDICAPPED GRAB BAR. — 2 / G-301
19. 3'-6" HANDICAPPED GRAB BAR. — 2 / G-301
20. 18" VERTICAL HANDICAPPED GRAB BAR. — 2 / G-301
21. TOWEL HOOK

AD-2

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NW
CHECKED BY TA/NW

JOSEPH P. BRIGGS
REGISTERED
NO. 11600109
STATE OF INDIANA
ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
NORTH STAR BUILDING ENLARGED TOILET ROOM EQUIPMENT PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-720-NS


Thursday, 10/19/2023 - 8:42 AM - LAST SAVED BY:NWESLEY
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-720.DWG

## PLASTIC LAMINATE CASEWORK SCHEDULE

| MARK | CATALOG NUMBER | WIDTH | DESCRIPTION |
|---|---|---|---|
| B1 | 10120 | 24" | 24"D X 32"H BASE, ONE DOOR, RIGHT HINGED |
| B2 | 10121 | 24" | 24"D X 32"H BASE, ONE DOOR, LEFT HINGED |
| B3 | 10129 | 30" | 24"D X 32"H BASE, TWO DOORS |
| B4 | 10129 | 42" | 30"D X 32"H BASE, TWO DOORS |
| B5 | 10101 | 21" | 24"D X 32"H BASE, OPEN SHELVES, ADJUSTABLE |
| B6 | 10101 | 30" | 24"D X 32"H BASE, OPEN SHELVES, ADJUSTABLE |
| B7 | 10101 | 36" | 24"D X 32"H BASE, OPEN SHELVES, ADJUSTABLE |
| B8 | 10101 | 39" | 24"D X 32"H BASE, OPEN SHELVES, ADJUSTABLE |
| B9 | 10101 | 45" | 24"D X 32"H BASE, OPEN SHELVES, ADJUSTABLE |
| B10 | 10423 | 36" | 24"D X 32"H BASE, TWO DOORS, TWO DRAWERS |
| | | | |
| SB1 | 10479 | 36" | 24"D X 32"H FALSE FRONT, DOORS, REMOVABLE BACK |
| | | | |
| W1 | 16120 | 24" | 14"D X 30"H WALL, ONE DOOR, RIGHT HINGED, ADJUST. SHELVES. |
| W2 | 16121 | 24" | 14"D X 30"H WALL, ONE DOOR, LEFT HINGED, ADJUST. SHELVES |
| W3 | 16129 | 30" | 14"D X 30"H WALL, TWO DOOR, ADJUSTABLE SHELVES |
| W4 | 16129 | 36" | 14"D X 18"H WALL, TWO DOOR |

AD-02

## GENERAL NOTES (APPLIES TO PLASTIC LAMINATE CASEWORK)

A. REFER TO EQUIPMENT PLANS FOR CASEWORK LOCATIONS AND FINISH LEGEND IN "A-800" SERIES DRAWINGS FOR FINISH INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. FOR SCHEDULING PURPOSES ONLY. MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC (UNLESS NOTED OTHERWISE) AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.

C. VERIFY ALL PLAN AND CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.

D. ALL COUNTERTOPS TO BE PLASTIC LAMINATE WITH 4" HIGH PLASTIC LAMINATE BACKSPLASH AND/OR ENDSPASH AT ALL LOCATIONS WHERE COUNTERTOP MEETS ADJACENT SURFACE (UNLESS NOTED OTHERWISE).

E. PROVIDE 3MM PVC EDGE ON ALL PLASTIC LAMINATED COUNTERTOPS AND BACKSPLASHES.

F. PROVIDE A 4" HIGH TOE SPACE ON ALL BASE AND FULL HEIGHT CABINETS.

G. ALL EXPOSED CASEWORK SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY (UNLESS NOTED OTHERWISE).

H. ALL EXPOSED CASEWORK ENDS SHALL BE FINISHED TO MATCH CASEWORK FRONTS.

I. PROVIDE CONTINUOUS PLASTIC LAMINATE SLOPED TOPS ON ALL WALL AND FULL HEIGHT CABINETS (UNLESS OTHERWISE NOTED).

J. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD. CASEWORK MANUFACTURER / INSTALLER SHALL PROVIDE ALL FILLERS AND SCRIBES AS REQUIRED FOR A COMPLETE AND FINISHED CASEWORK INSTALLATION.

K. PROVIDE LOCKS ON ALL CABINET DRAWERS AND DOORS, KEYED ALIKE BY ROOM.

L. ALL ADJOINING CABINETS SHALL BE ALIGNED.

M. WHERE CASEWORK REQUIRES SHIMMING, PROVIDE ONLY APPROVED METAL SHIMS.

N. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.

O. PROVIDE JOINT SEALANT AT ALL JUNCTIONS OF CASEWORK / COUNTERTOPS WITH ADJACENT WALL OR CASEWORK.

P. PROVIDE 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING INSTALLER.

Q. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.

R. REFER TO PLUMBING DRAWINGS AND SCHEDULES FOR FIXTURE TYPES AND LOCATIONS. REFER TO PLUMBING DRAWINGS FOR PLUMBING CONNECTIONS.

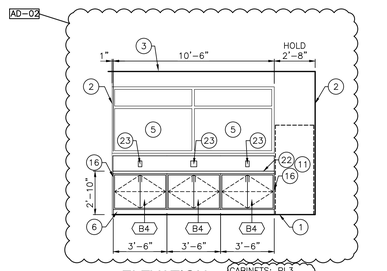
S. ALL CUTTING, DRILLING AND PATCHING OF CASEWORK AND COUNTERTOPS AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT SHALL BE BY CASEWORK MANUFACTURER / INSTALLER.

T. REFER TO "G" SERIES SHEETS FOR MOUNTING HEIGHTS OF EQUIPMENT AND ACCESSORIES.

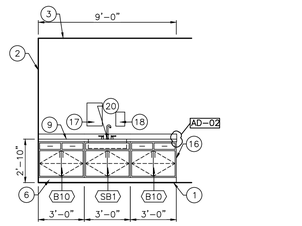
## KEY NOTES (APPLIES TO PLASTIC LAMINATE CASEWORK)

1. LINE OF FINISHED FLOOR
2. WALL LINE
3. CEILING LINE
4. DOOR, REFER TO FLOOR PLANS
5. WINDOW, REFER TO FLOOR PLANS
6. 4" TOE SPACE WITH VINYL BASE BY FLOORING INSTALLER
7. CONCESSION OPENING WITH ROLLING COUNTER DOOR, REFER TO FLOOR PLANS
8. SLOPED TOP (CONTINUOUS)
9. 25"D COUNTERTOP WITH 4" BACKSPLASH AND SIDESPLASH UNLESS NOTED OTHERWISE
10. 25"D STAINLESS STEEL COUNTERTOP WITH 4" BACKSLASH AND SIDESPLASH UNLESS NOTED OTHERWISE
11. BEVERAGE COOLER, BY OWNER
12. POPCORN MACHINE, BY OWNER
13. COUNTERTOP WARMER, BY OWNER
14. FOOD WARMER, BY OWNER
15. MICROWAVE, BY OWNER
16. FINISHED BACK/END PANEL
17. PAPER TOWEL DISPENSER (OFCI)
18. SOAP DISPENSER (OFCI)
19. FILLER PANEL FINISHED TO MATCH FACE OF CABINETS.
20. SINK, REFERENCE PLUMBING DRAWINGS
21. TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWINGS
22. 30"D SOLID SURFACE COUNTERTOP WITH 12" BACKSPLASH, VERIFY IN FIELD AT WINDOW.
23. CUT BACKSPLASH FOR ELECTRICAL OUTLET, REFER TO ELECTRICAL DRAWINGS.

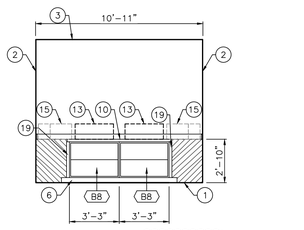
AD-02



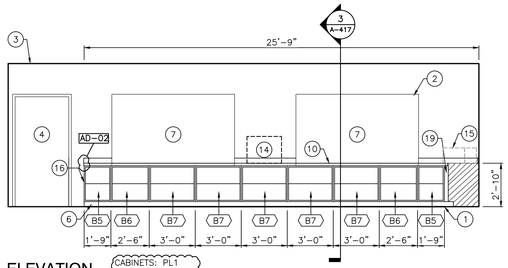

ELEVATION — CABINETS: PL3, COUNTERTOP: SS1 — 6
SCALE: 1/4"=1'-0"
ROOM: A-201
OPPOSITE HAND: A-201
AD-02



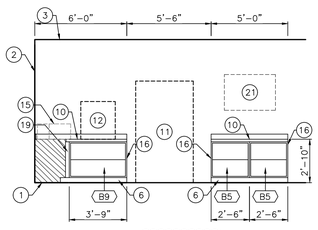

ELEVATION — CABINETS: PL3, COUNTERTOP: PL2 — 5
SCALE: 1/4"=1'-0"
ROOM: A-205
AD-02



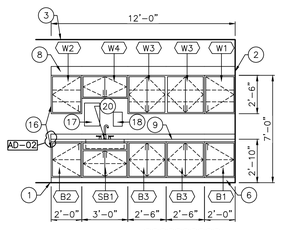

ELEVATION — CABINETS: PL1, COUNTERTOP: SST — 4
SCALE: 1/4"=1'-0"
ROOM: A-153
AD-02




ELEVATION — CABINETS: PL1, COUNTERTOP: SST — 3
SCALE: 1/4"=1'-0"
ROOM: A-153
AD-02




ELEVATION — CABINETS: PL1, COUNTERTOP: SST — 2
SCALE: 1/4"=1'-0"
ROOM: A-153
AD-02




ELEVATION — CABINETS: PL1, COUNTERTOP: PL2 — 1
SCALE: 1/4"=1'-0"
ROOM: A-127
AD-02


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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY ACS
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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| AD-02 | 10/20/23 | ADDENDUM 2 |

DRAWING
NORTH STAR BUILDING CASEWORK SCHEDULE AND ELEVATIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET
A-730-NS


Thursday, 10/19/2023 - 1:33 PM - LAST SAVED BY:ASCOTT
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-730-NS.DWG

# FINISH LEGEND

| | SURFACE | MARK | DESCRIPTION | MANUFACTURER | PATTERN/FINISH | NUMBER/COLOR | SIZE | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| | **CEILING MATERIALS** | | | | | | | |
| AD-02 | | ACT1 | ACOUSTICAL CEILING | ARMSTRONG | FINE FISSURED | 1728 WHITE | 24" X 24" | WITH HUMIGUARD PLUS |
| AD-02 | | ACT2 | ACOUSTICAL CEILING | ARMSTRONG | FINE FISSURED | 1756 WHITE | 24" X 24" | ANGLED TEGULAR |
| | | ACT3 | ACOUSTICAL CEILING | ARMSTRONG | CLEAN ROOM VL | 868 WHITE | 24" X 24" | -- |
| AD-02 | | ACT4 | ACOUSTICAL CEILING | ARMSTRONG | CALLA | 2824 WHITE | 24" X 24" | TEGULAR SQUARE SMOOTH |
| | | P4 | PAINT | SHERWIN WILLIAMS | -- | CEILING BRIGHT WHITE / 7007 | -- | -- |
| | **WALL BASE** | | | | | | | |
| | | B1 | WALL BASE | TARKETT | -- | BURNT UMBER 63 | 4" COVE | -- |
| | | TB | TILE BASE | AMERICAN OLEAN | UNGLAZED MOSAICS | LIGHT SMOKE SPC 0A04 | 5" BUILT-UP COVE | -- |
| | | RB | RESINOUS BASE | SHERWIN WILLIAMS | DECO QUARTZ BC23 | METEOR SHOWER | 4" COVE | -- |
| | **FLOOR MATERIALS** | | | | | | | |
| AD-02 | | C1 | CARPET TILE | TARKETT | SQUAREUP II 11649 | -- | -- | -- |
| | | C2 | WALK-OFF CARPET TILE | TARKETT | ABRASIVE ACTION II 02578 | WINTER GRAY 19103 | 24" X 24" | INSTALL MONOLITHIC |
| AD-02 | | LVT1 | LUXURY VINYL TILE | TARKETT | HERITAGE PLANK, EHP | -- | 6" X 48" | INSTALL: UNIDIRECTIONAL |
| | | FT1 | FLOOR TILE | AMERICAN OLEAN | UNGLAZED MOSAICS | LIGHT SMOKE SPC 0A04 | 2" X 2" | -- |
| | | SC | SEALED CONTRETE | -- | -- | -- | -- | -- |
| | | RF1 | RESINOUS FLOOR | SHERWIN WILLIAMS | DECO QUARTZ BC23 | METEOR SHOWER | -- | -- |
| | | RT | RUBBER TILE | JOHNSONITE | MICRO TONE | NIGHTOWL WG HNSP-LC6 | -- | HAMMERED TEXTURE |
| | | STR | STAIR TREAD AND RISER | TARKETT | -- | BURNT UMBER 63 | -- | TREAD, RISER, AND STRINGER |
| | **WALL MATERIALS** | | | | | | | |
| | | P1 | PAINT | SHERWIN WILLIAMS | -- | SW 7029 AGREEABLE GRAY | -- | -- |
| | | P2 | PAINT | SHERWIN WILLIAMS | -- | CUSTOM COLOR RED | -- | SEE NOTE 1 |
| | | P3 | PAINT | SHERWIN WILLIAMS | -- | SW 7066 GRIZZLE GRAY | -- | DOOR FRAMES |
| | | P4 | SEE CEILING MATERIALS | | | | | |
| | | P5 | PAINT | SHERWIN WILLIAMS | -- | -- | -- | DOORS |
| | | W1 | WALLCOATING | SHERWIN WILLIAMS | -- | SW 7029 AGREEABLE GRAY | -- | -- |
| | | W2 | WALLCOATING | SHERWIN WILLIAMS | -- | CUSTOM COLOR RED | -- | SEE NOTE 1 |
| AD-02 | | WC1 | WALLCOVERING | MDC/BOLTA | TAHITIAN LINEN | -- | -- | -- |
| AD-02 | | WC2 | WALLCOVERING | MDC/BOLTA | TAHITIAN LINEN | -- | -- | -- |
| | | WT1 | WALL TILE | AMERICAN OLEAN | COLOR STORY WALL, GLOSSY | STABLE 0055 | 3" X 6" | -- |
| | | WT2 | WALL TILE | AMERICAN OLEAN | COLOR STORY WALL, GLOSSY | STORM GRAY 0017 | 3" X 6" | -- |
| | **CASEWORK AND MILLWORK** | | | | | | | |
| | | PL1 | PLASTIC LAMINATE | FORMICA | -- | -- | -- | -- |
| | | PL2 | PLASTIC LAMINATE | FORMICA | -- | -- | -- | -- |
| AD-02 | | PL3 | PLASTIC LAMINATE | PIONITE | -- | -- | -- | -- |
| | | PL4 | NOT USED | -- | -- | -- | -- | -- |
| AD-02 | | SS1 | SOLID SURFACE | CORIAN | -- | LINEN | -- | -- |
| | | SS2 | SOLID SURFACE | CORIAN | -- | PEARL GRAY | -- | WINDOW SILLS |
| | | SST | STAINLESS STEEL | -- | -- | -- | -- | -- |
| | **MISCELLANEOUS** | | | | | | | |
| | | RS1 | WINDOW ROLLER SHADE | MECHO | -- | -- | -- | -- |
| AD-02 | | PC1 | PRIVACY CURTAIN | ARCHITEX | -- | -- | -- | -- |
| | | LI | LOCKERS | LYON | -- | DOVE GRAY DD | -- | -- |
| | | TP1 | TOILET PARTION | HINDY HIDERS | ORANGE PEEL | BLACK | -- | -- |
| | | CG | CORNER GUARD | -- | STAINLESS STEEL | -- | -- | -- |
| | | | WOOD DOOR STAIN | -- | -- | -- | -- | -- |

* NOTE 1 – CUSTOM COLOR RED TO MATCH SCHOOL COLOR

AD-01 — ENTIRE SHEET IS SUBMITTED FOR ADDENDUM 1

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PROJECT

LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY ACS
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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|---|---|---|
| AD-01 | 10/10/23 | ADDENDUM 1 |
| AD-02 | 10/20/23 | ADDENDUM 2 |

DRAWING
NORTH STAR BUILDING FINISH LEGEND

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-820-NS


Thursday, 10/19/2023 - 1:44 PM - LAST SAVED BY:ASCOTT
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-820-NS.DWG

## GENERAL REFLECTED CEILING PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

## REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

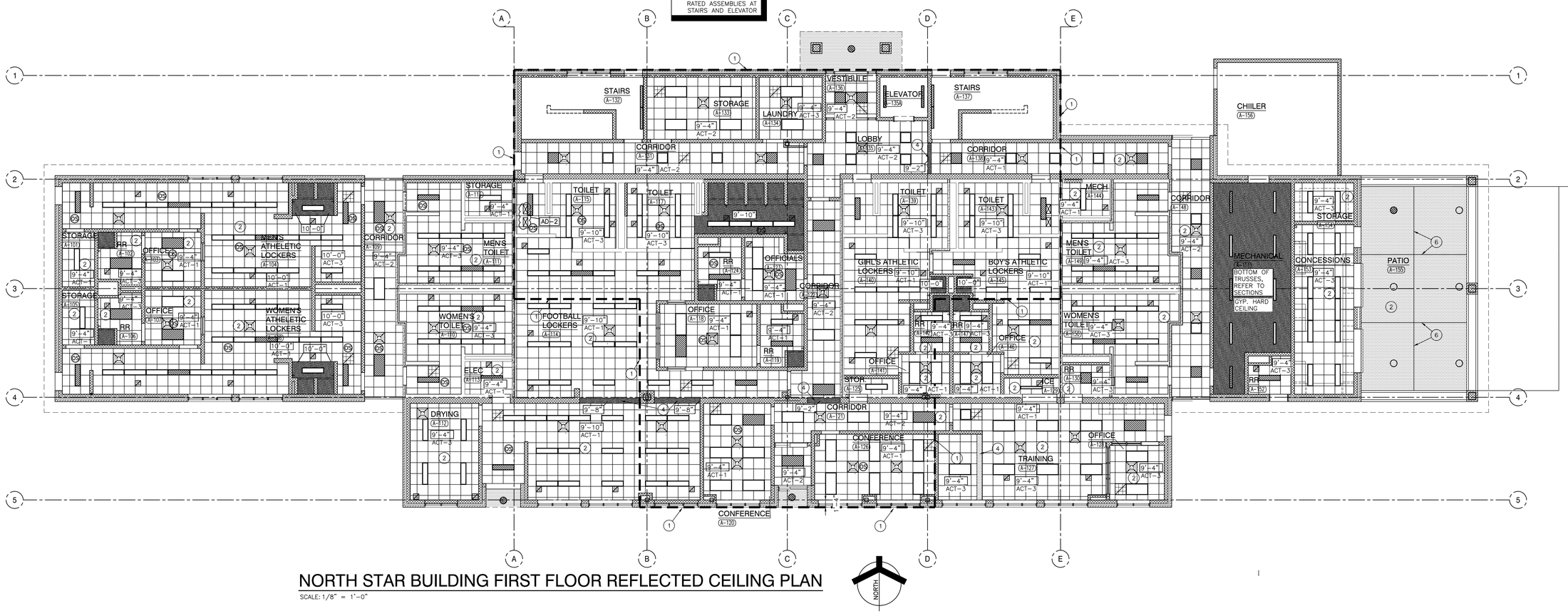
- GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (2/A-501) AND WALL SECTIONS
- EIFS SOFFIT (EXTERIOR)
- ACT-1 2'-0" x 2'-0" ACST. BD. CEILING SEE FINISH LEGEND/ SCHEDULE FOR TYPE
- ACT-2 2'-0" x 2'-0" ACST. BD. CEILING SEE FINISH LEGEND/ SCHEDULE FOR TYPE
- ACT-3 2'-0" x 2'-0" VINYL FACED ACST. BD. CEILING SEE FINISH LEGEND/ SCHEDULE FOR TYPE
- ACT-4 2'-0" x 2'-0" ACST. BD. CEILING SEE FINISH LEGEND/ SCHEDULE FOR TYPE
- DOWN LIGHT
- 2x2 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- LINEAR LIGHT FIXTURE (AD-2)
- LINEAR LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- OCCUPANCY SENSOR (OS)

## REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. LINE OF 2ND FLOOR ABOVE.
2. 5/8" GYPSUM BOARD CEILING MOUNTED TO UNDERSIDE OF ROOF TRUSSES.
3. MOTORIZED PROJECTION SCREEN, RECESSED IN CEILING GRID.
4. GYPSUM BOARD BULK HEAD, REFER TO 2/A-501.
5. ELECTRIC FOLDING PARTITION HEAD, REFER TO 4/A-501.
6. EIFS REVEAL – REFER TO 3/A-501

REFER TO SHEET A-430 FOR RELATED HORIZONTAL RATED ASSEMBLIES AT STAIRS AND ELEVATOR




## NORTH STAR BUILDING FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

NORTH


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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY NW
CHECKED BY TA/NW

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
NORTH STAR BUILDING FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET
A-901-NS


Thursday, 10/19/2023 - 10:43 AM - LAST SAVED BY:TALLEN
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-901.DWG

## GENERAL REFLECTED CEILING PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

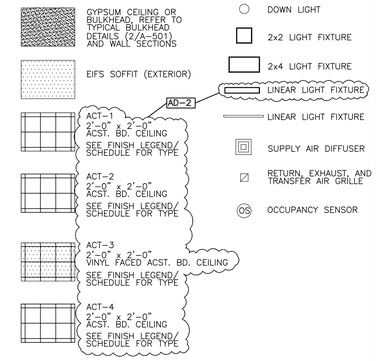
G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

## REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

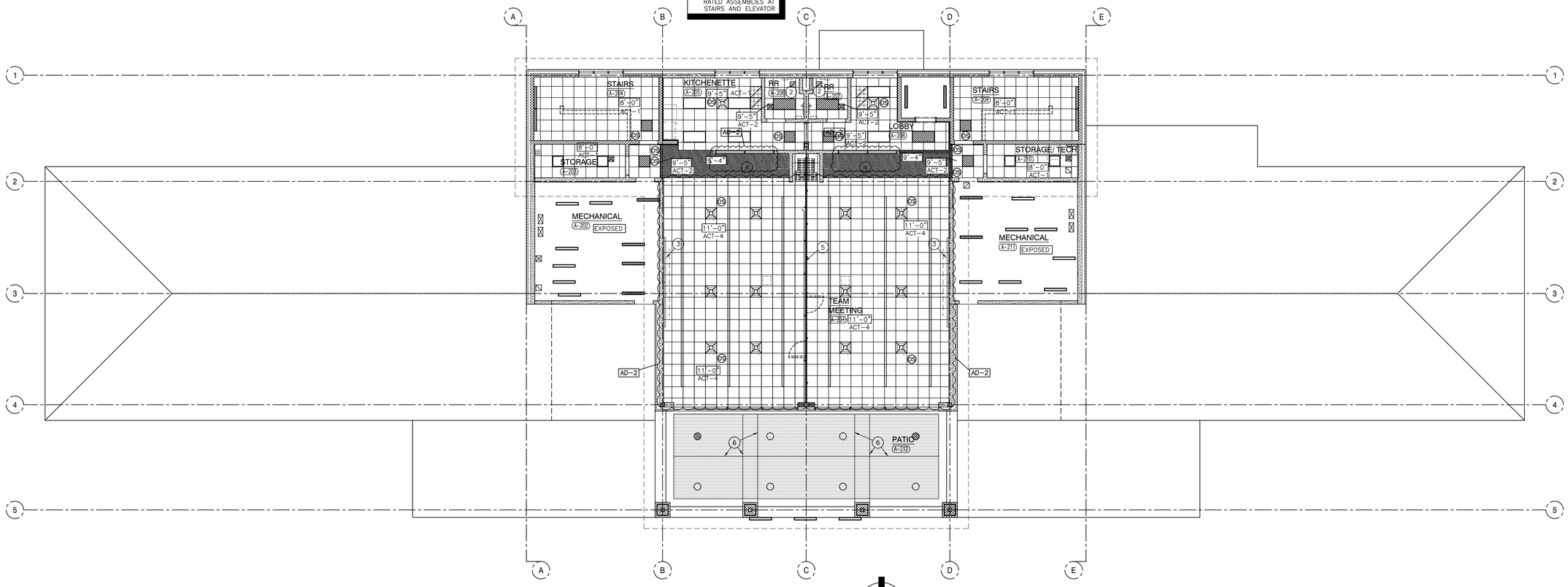



## REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. LINE OF 2ND FLOOR ABOVE.
2. 5/8" GYPSUM BOARD CEILING MOUNTED TO UNDERSIDE OF ROOF TRUSSES.
3. MOTORIZED PROJECTION SCREEN, RECESSED IN CEILING GRID.
4. GYPSUM BOARD BULK HEAD, REFER TO 2/A-501.
5. ELECTRIC FOLDING PARTITION HEAD, REFER TO 4/A-501.
6. EIFS REVEAL – REFER TO 3/A-501

REFER TO SHEET A-430 FOR RELATED HORIZONTAL RATED ASSEMBLIES AT STAIRS AND ELEVATOR




## NORTH STAR BUILDING SECOND FLOOR CEILING PLAN

SCALE: 1/8" = 1'-0"

NORTH


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PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

PROJECT 23-115
DATE 09/25/23
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JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
NORTH STAR BUILDING SECOND FLOOR REFLECTED CEILING PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

© GIBRALTAR DESIGN

SHEET
A-902-NS


Thursday, 10/19/2023 - 10:43 AM - LAST SAVED BY:TALLEN
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-902.DWG

## GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. PANELBOARDS PROVIDED IN LOWELL HIGH SCHOOL, BLEACHERS AND TURF/DRAINAGE PROJECT. CONTRACTOR SHALL PROVIDE ALL BRANCH CIRCUIT WIRNG FROM THESE PANELBOARDS AND PROVIDE NEW TYPE CIRCUIT DIRECTORY IDENTIFYING ITEMS SERVED AND ALL SPARE/SPACES.

## ELECTRICAL PLAN NOTES:

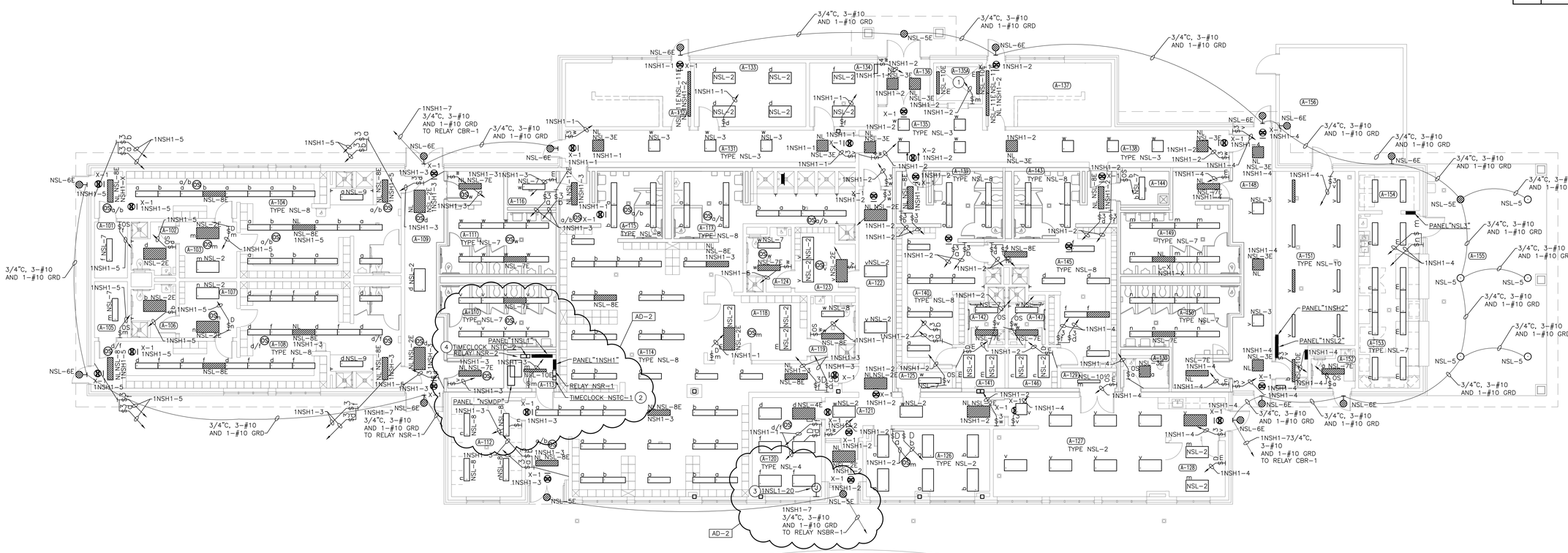
(THESE NOTES APPLY TO THIS SHEET ONLY)

1. PROVIDE LIGHTING FIXTURES AND LIGHT SWITCH IN ELEVATOR PIT. LIGHTING FIXTURES ARE TO BE WALL MOUNTED. VERIFY EXACT LOCATION WITH ELEVATOR INSTALLER, CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.
2. TORK DZS100BP SINGLE CHANNEL TIMECLOCK NSTC-1. CHANNEL ONE CONTROLS RELAY NSR-1 (BUILDING SECURITY LIGHTS) (CIRCUIT 1NSH1-9).
3. PROVIDE JUNCTION BOX ABOVE THE CEILING TO SERVE THE NEW BACK-LIT SIGN AND CONNECT TO THE RELAY NSR-2 WITH CIRCUIT INDICATED. COORDINATE AND VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS PRIOR TO ROUGHING-IN.
4. TORK DZS100BP SINGLE CHANNEL TIMECLOCK NSTC-1. CHANNEL ONE CONTROLS RELAY NSR-2 (BUILDING SECURITY LIGHTS) (CIRCUIT 1NSL1-22).

AD-2

## ROOM LEGEND

| ROOM NO. | ROOM NAME |
|---|---|
| A-101 | STORAGE |
| A-102 | RESTROOM |
| A-103 | OFFICE |
| A-104 | MEN ATHLETIC LOCKERS |
| A-105 | STORAGE |
| A-106 | RESTROOM |
| A-107 | OFFICE |
| A-108 | WOMEN ATHLETIC LOCKERS |
| A-109 | CORRIDOR |
| A-110 | WOMEN'S TOILET |
| A-111 | MEN'S TOILET |
| A-112 | DRYING |
| A-113 | ELECTRICAL |
| A-114 | FOOTBALL LOCKERS |
| A-115 | TOILET |
| A-116 | MECHANICAL |
| A-117 | TOILET |
| A-118 | OFFICE |
| A-119 | RESTROOM |
| A-120 | CONFERENCE |
| A-121 | CORRIDOR |
| A-122 | CORRIDOR |
| A-123 | OFFICIALS |
| A-124 | RESTROOM |
| A-125 | STORAGE |
| A-126 | CONFERENCE |
| A-127 | TRAINING |
| A-128 | OFFICE |
| A-129 | ICE |
| A-130 | RESTROOM |
| A-131 | CORRIDOR |
| A-132 | STAIRS |
| A-133 | STORAGE |
| A-134 | LAUNDRY |
| A-135 | LOBBY |
| A-135A | ELEVATOR |
| A-136 | VESTIBULE |
| A-137 | STAIRS |
| A-138 | CORRIDOR |
| A-139 | TOILET |
| A-140 | GIRLS ATHLETIC LOCKERS |
| A-141 | OFFICE |
| A-142 | RESTROOM |
| A-143 | TOILET |
| A-144 | MECHANICAL |
| A-145 | BOYS ATHLETIC LOCKERS |
| A-146 | OFFICE |
| A-147 | RESTROOM |
| A-148 | CORRIDOR |
| A-149 | MEN'S TOILET |
| A-150 | WOMEN'S TOILET |
| A-151 | MECHANICAL |
| A-152 | RESTROOM |
| A-153 | CONCESSIONS |
| A-154 | STORAGE |
| A-155 | PATIO |
| A-156 | CHILLER |




# NORTH STAR BUILDING FIRST FLOOR ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'-0"

NORTH


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
23-115
DATE
09/25/23
COORDINATED BY
PCB
DRAWN BY
PCB
CHECKED BY
JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-1 | 10/10/23 | ADDENDUM NO. 1 |
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

PROJECT
# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

DRAWING
NORTH STAR BUILDING FIRST FLOOR ELECTRICAL LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

© GIBRALTAR DESIGN SHEET
E-101-NS

Thursday, 10/19/2023 - 12:15 PM - LAST SAVED BY:JCHAMBERS
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\09 ELEC\E-101-NS.DWG

## GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. PANELBOARDS PROVIDED IN LOWELL HIGH SCHOOL, BLEACHERS AND TURF/DRAINAGE PROJECT. CONTRACTOR SHALL PROVIDE ALL BRANCH CIRCUIT WIRNG FROM THESE PANELBOARDS AND PROVIDE NEW TYPE CIRCUIT DIRECTORY IDENTIFYING ITEMS SERVED AND ALL SPARE/SPACES.

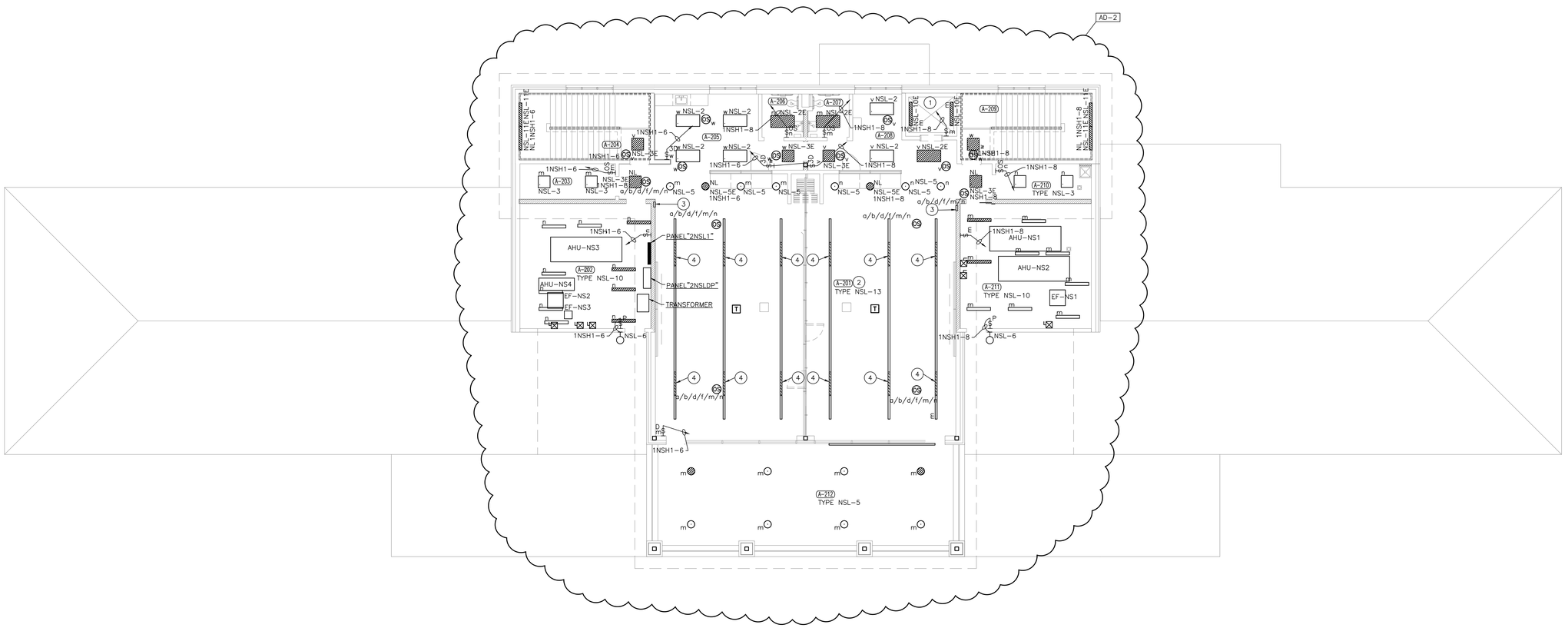
## ROOM LEGEND

| ROOM NO. | ROOM NAME |
|---|---|
| A-201 | TEAM MEETING |
| A-202 | MECHANICAL |
| A-203 | STORAGE/TECH |
| A-204 | STAIRS |
| A-205 | KITCHENETTE |
| A-206 | RESTROOM |
| A-207 | RESTROOM |
| A-208 | LOBBY |
| A-209 | STAIRS |
| A-210 | STORAGE |
| A-211 | MECHANICAL |
| A-212 | SEATING |

## ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. PROVIDE LIGHTING FIXTURES AT THE TOP OF THE ELEVATOR SHAFT AND LIGHT SWITCH BY ELEVATOR CAB DOOR OPENING. COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH ELEVATOR INSTALLER, ARCHITECT AND CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.
2. LIGHTING FIXTURES IN THIS ROOM CONTROLLED BY MEETING ROOM LIGHTING CONTROL STATION.
3. MEETING ROOM LIGHTING CONTROL STATION. SEE DETAIL ON SHEET E-501.
4. PROVIDE 4 FOOT SECTION WITH EMERGENCY BATTERY UNIT.




## NORTH STAR BUILDING SECOND FLOOR ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'-0"

NORTH


GIBRALTAR DESIGN
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PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

PROJECT 23-115
DATE 09/25/23
COORDINATED BY PCB
DRAWN BY PCB
CHECKED BY JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
NORTH STAR BUILDING SECOND FLOOR ELECTRICAL LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


© GIBRALTAR DESIGN


SHEET
E-102-NS


Friday, 10/20/2023 - 7:23 AM - LAST SAVED BY:JCHAMBERS
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\09 ELEC\E-102-NS.DWG

## GENERAL NOTES:

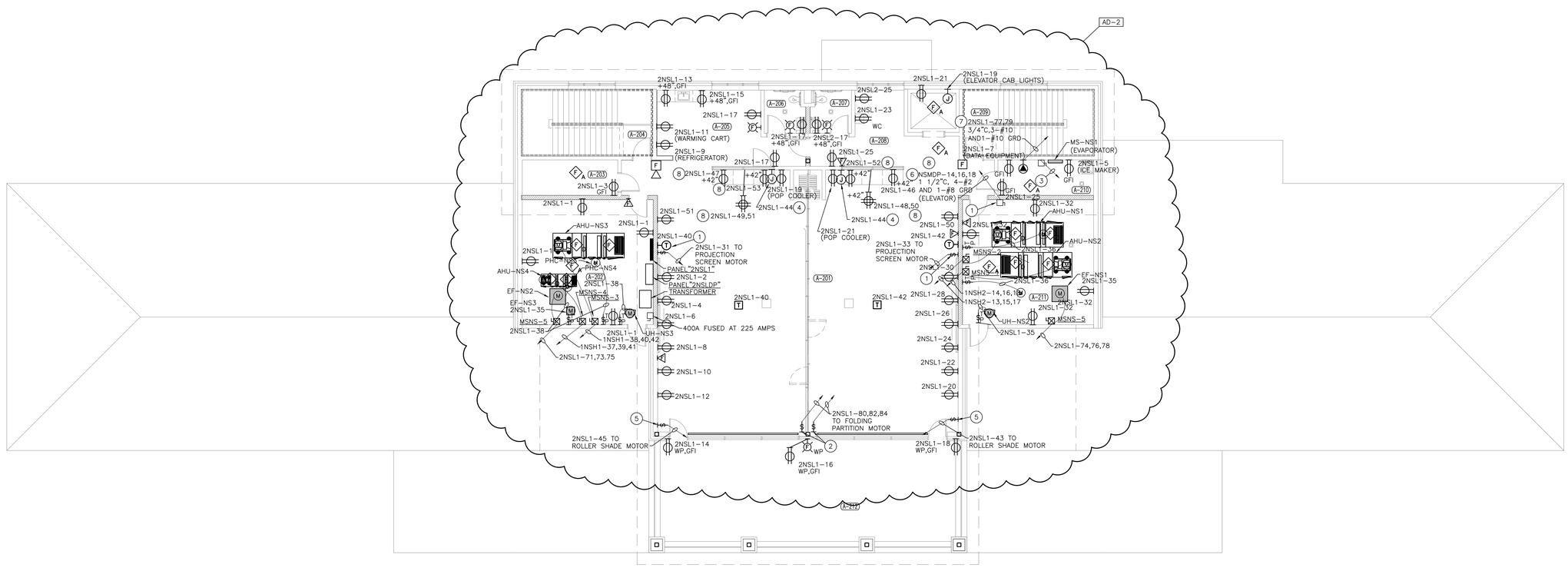
1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. PANELBOARDS PROVIDED IN LOWELL HIGH SCHOOL, BLEACHERS AND TURF/DRAINAGE PROJECT. CONTRACTOR SHALL PROVIDE ALL BRANCH CIRCUIT WIRNG FROM THESE PANELBOARDS AND PROVIDE NEW TYPE CIRCUIT DIRECTORY IDENTIFYING ITEMS SERVED AND ALL SPARE/SPACES.
5. SEE TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION AND ELECTRICAL REQUIREMENTS. COORDINATE WITH OWNER, CONSTRUCTION MANAGER AND ARCHITECT AND VERIFY EXACT LOCATIONS AND REQUIREMENTS OF THE VOIVE/DATA AND VIDEO EQUPMENT AND DEVICES PRIOR TO ROUGHING-IN.

| ROOM LEGEND | |
|---|---|
| ROOM NO. | ROOM NAME |
| A-201 | TEAM MEETING |
| A-202 | MECHANICAL |
| A-203 | STORAGE/TECH |
| A-204 | STAIRS |
| A-205 | KITCHENETTE |
| A-206 | RESTROOM |
| A-207 | RESTROOM |
| A-208 | LOBBY |
| A-209 | STAIRS |
| A-210 | STORAGE |
| A-211 | MECHANICAL |
| A-212 | SEATING |

## ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. MOTORIZED PROJECTION SCREEN CONTROLLER BY PROJECTION SCREEN INSTALLER INSTALLED BY DIVISION 26.-
2. MOTORIZED FOLDING PARTITION CONTROLLER BY FOLDING PARTITION INSTALLER INSTALLED BY DIVISION 26.
3. PROVIDE POWER CONNECTION FROM MS-NS1 (ACCU) TO MS-NS1 (EVAPORATOR).
4. PROVIDE POWER CONNECTIONS FOR ELECTROLYTIC GLASS. COORDINATE WITH ELECTROLYTIC GLASS INSTALLER TO DETERMINE EXACT ELECTRICAL REQUIREMENTS AND PROVIDE ALL LABOR AND MATERIAL TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. (ALTERNATE BID).
5. MOTORIZED ROLLING SHADES CONTROLLER BY ROLLING SHADES INSTALLER INSTALLED BY DIVISION 26.
6. PROVIDE 3P-30 AMP FUSIBLE DISCONNECT FUSED AT 30 AMPS FOR ELEVATOR AND CONNECT TO THE CIRCUIT INDICATED. COORDINATE AND VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH ELEVATOR INSTALLER, CONSTUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.
7. PROVIDE A 208 VOLT SINGLE PHASE 30 AMP RECEPTACLE FOR THE DATA EQUIPMENT. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH THE OWNER, CONSTRUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.
8. PROVIDE RECEPTACLE FLUSH MOUNTED IN BACKSPLASH. COORDINATE EXACT LOCATION WITH CONSTRUCTION MANAGER, ARCHITECT AND BUILT-IN EQUIPMENT INSTALLER PRIOR TOR ROUGHING-IN..




## NORTH STAR BUILDING SECOND FLOOR ELECTRICAL POWER PLAN

SCALE: 1/8" = 1'-0"

NORTH


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
23-115
DATE
09/25/23
COORDINATED BY
PCB
DRAWN BY
PCB
CHECKED BY
JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-1 | 10/10/23 | ADDENDUM NO. 1 |
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

PROJECT
# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

DRAWING
NORTH STAR BUILDING SECOND FLOOR ELECTRICAL POWER PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


© GIBRALTAR DESIGN


SHEET
E-202-NS


Thursday, 10/19/2023 - 12:26 PM - LAST SAVED BY:JCHAMBERS
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\09 ELEC\E-202-NS.DWG

## NORTH STAR BUILDING LIGHTING RELAY SCHEDULE

| MARK & TYPE | ITEM | CONTROLLED CIRCUIT(S) | COIL CKT. | COIL VOLT | ROOM NO. | CONTACTS | SELECTOR SWITCH | CONTROL | SEE NOTES |
|---|---|---|---|---|---|---|---|---|---|
| NSR-1 SQUARE D #8903 SERIES W/ NEMA 3R ENCLOS. | NORTH STAR BUILDING EXTERIOR LIGHTS | 1NSH1-7 | 1NSH1-9 | 277 | A-113 | N.O. | HOA | TIMECLOCK | 1,2,4,5,6 |
| NSR-2 SQUARE D #8903 SERIES W/ NEMA 3R ENCLOS. | NORTH STAR BUILDING BACK-LIT SIGN | 1NSL1-20 | 1NSL1-22 | 120 | A-113 | N.O. | HOA | TIMECLOCK | 1,2,4,5,6 |
| | | | | | | | | | |
| | | | | | | | | | |

AD-2

NOTES:
1. FURNISH NEMA 1 ENCLOSURE WITH HINGED COVER UNLESS OTHERWISE NOTED.
2. ELECTRICALLY HELD.
3. MECHANICALLY HELD.
4. PROVIDE SELECTOR SWITCH IN RELAY ENCLOSURES WITH LOOP AND BRIDLE STRAPS FROM MAIN DEPARTMENT TO HINGED COVER FOR SELECTOR SWITCHES.
5. FURNISH FUSE PROTECTION FOR COIL CIRCUIT.
6. ALL RELAYS AND SELECTOR SWITCHES SHALL BE PREWIRED BY MANUFACTURER.

## MOTOR STARTER SCHEDULE

| MARK | ITEM | NEMA SIZE | HP | ROOM NO. | CONTROL | | SEE NOTES |
|---|---|---|---|---|---|---|---|
| | | | | | ENCL. | REMOTE | |
| MSNS-1 | AIR HANDLING UNIT AHUNS-1 | 0 | 7 1/2 | A-211 | SA | --- | 1,3,5,7,8 |
| MSNS-2 | AIR HANDLING UNIT AHUNS-2 | 0 | 7 1/2 | A-211 | SA | --- | 1,3,5,7,8 |
| MSNS-3 | AIR HANDLING UNIT AHUNS-3 | 0 | 7 1/2 | A-202 | SA | --- | 1,3,5,7,8 |
| MSNS-4 | AIR HANDLING UNIT AHUNS-4 | 0 | 7 1/2 | A-202 | SA | --- | 1,3,5,7,8 |
| MSNS-5 | EXHAUST FAN EF-NS1 | 0 | 1 | A-211 | SA | --- | 1,3,5,7,8 |
| MSNS-6 | EXHAUST FAN EF-NS2 | 0 | 1 | A-202 | SA | --- | 1,3,5,7,8 |
| | | | | | | | |
| | | | | | | | |

NOTES:
1. MOTOR STARTERS SHALL BE 3-POLE COMBINATION TYPE WITH NEMA 1 ENCLOSURE.
2. MOTOR STARTERS SHALL HAVE 480/120 VOLT CONTROL CIRCUIT TRANSFORMER WITH CONTROL CIRCUIT FUSES.
3. MOTOR STARTERS SHALL HAVE 120 VOLT COIL AND 600 VOLT CONTACTS.
4. 120 VOLT MOMENTARY CONTACT PUSH BUTTON: P=ON-OFF; T=TEST BUTTON; T2=HI-LO TEST PUSH BUTTON; PO2=HI-LO-OFF.
5. 120 VOLT MAINTAINED CONTACT SELECTOR SWITCH: S=ON-OFF; S2=HI-LOW; SO2=HI-LO-OFF; SA=HAND-OFF-AUTOMATIC.
6. PILOT LIGHTS SHALL BE FURNISHED WITH ALL REMOTE CONTROL UNITS.
7. MOTOR STARTERS SHALL BE SINGLE SPEED.
8. MOTOR STARTER SHALL HAVE ONE NORMALLY OPEN CONTACT.

## LOWELL HIGH SCHOOL SCHOOL NORTH STAR BUILDING LIGHTING FIXTURE SCHEDULE

| TYPE | MANUFACTURERS | VOLTAGE | LIGHT SOURCE | MINIMUM LUMENS | DEGREE K. | MAXIMUM WATTAGE | DIMMING | MOUNTING | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| NSL-1 | METALUX SB24CZ-LD5-50S-UNV-L840-CD1-EQ-CLIP-PAF<br>DAYBRITE 2RGX-60L-840-RS-UNV-DIM<br>LITHONIA 2BLT4BA-60L-ADP-EZ1-LP840-EQCLIP-PAF<br>COLUMBIA RLA24-40-VL-G-ED1-U | MVOLT | LED | 6000 (6221/6000 /6051/ 7630) | 4000 | 52.2/60/ 46/77 | 0-10V 1% DIMMING | GRID | 2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| NSL-1E | METALUX SB24CZ-LD5-60S-UNV-L840-CD1-EQ-CLIP-PAF-GTD<br>DAYBRITE 2FGXG-60L-840-4-RS-UNV-DIM-GTD/E<br>LITHONIA 2BLTBA4-60L-ADP-EZ1-LP840-EQCLIP-PAF-GTD<br>COLUMBIA RLA24-40-VL-G-ED1-U-GTD | MVOLT | LED | 6000 (6221/6000 /6051/ 7630) | 4000 | 52.2/60/ 46/77 | 0-10V 1% DIMMING | GRID | 2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, MULTI-I-VOLT LED DIMMING DRIVER AND INTEGRAL INTEGRAL BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| NSL-2 | METALUX SB24CZ-LD5-50S-UNV-L840-CD1-EQ-CLIP-PAF<br>DAYBRITE 2FGXG-50L-840-4-RS-UNV-DIM<br>LITHONIA 2BLT4BA-48L-ADP-EZ1-LP840-EQCLIP-PAF<br>COLUMBIA RLA24-40-ML-G-ED1-U | MVOLT | LED | 4800 (5190/ 5000/ 4839/5200) | 4000 | 40.7/41/ 38/52 | 0-10V 1% DIMMING | GRID | 2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| NSL-2E | METALUX SB24CZ-LD5-50S-UNV-L840-CD1-EQ-CLIP-PAF-GTD<br>DAYBRITE 2FGXG-50L-840-4-RS-UNV-DIM-GTD/E<br>LITHONIA 2BLT4BA-48L-ADP-EZ1-LP840-EQCLIP-PAF-GTD<br>COLUMBIA RLA24-40-ML-G-ED1-U-GTD | MVOLT | LED | 4800 (5190/ 5000/ 4839/5200) | 4000 | 40.7/41/ 38/52 | 0-10V 1% DIMMING | GRID | 2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, MULTI-I-VOLT LED DIMMING DRIVER AND INTEGRAL INTEGRAL BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| NSL-3 | METALUX 22CZ-LD5-44S-UNV-L840-CD1-DF-22W-U-PAF<br>DAYBRITE 2FGXG-40L-840-2-RS-UNV-DIM<br>LITHONIA 2BLTBA2-40L-ADP-EZ1-LP840-DGA22-PAF<br>COLUMBIA RLA22-40-VL-G-ED1-U | MVOLT | LED | 4000 (4091/4000 /4102/ 4750) | 4000 | 36.4/34/ 31/42 | 0-10V 1% DIMMING | GRID | 2X2 RECESSED MOUNTED FLANGED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH MULTI-VOLT LED DIMMING DRIVER. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| NSL-4 | METALUX 24CZ-LD5-40S-UNV-L840-CD1-EQ-CLIP-PAF<br>DAYBRITE 2FGXG-40L-840-RS-UNV-DIM<br>LITHONIA 2BLTBA4-40L-ADP-EZ1-LP840-EQCLIP-PAF<br>COLUMBIA RLA24-40-LW-G-ED1-U | MVOLT | LED | 4000 (4124/ 4000/4023/ 4340) | 4000 | 29/31/ 31/42 | 0-10V 1% DIMMING | GRID | 2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, MULTI-I-VOLT LED DIMMING DRIVER AND INTEGRAL INTEGRAL BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| NSL-4E | METALUX SB24CZ-LD5-40S-UNV-L840-CD1-EQ-CLIP-PAF-GTD<br>DAYBRITE 2FGXG-40L-840-RS-UNV-DIM-GTD/E<br>LITHONIA 2BLTBA4-40L-ADP-EZ1-LP840-EQCLIP-PAF-GTD<br>COLUMBIA RLA24-40-LW-G-ED1-U-GTD | MVOLT | LED | 4000 (4124/ 4000/4023/ 4340) | 4000 | 29/31/ 31/42 | 0-10V 1% DIMMING | GRID | 2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, MULTI-I-VOLT LED DIMMING DRIVER AND INTEGRAL INTEGRAL BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| AD-2 NSL-5 | HALO PD6-30-DO10-PDM6A-840-61V-C<br>LITHONIA LDN6-40/30-L06AR-LSS-MVOLT-EZ10<br>LIGHTOLIER 6RNEM6-Z6RDL30940WOCDDZ-10U<br>PRESCOLITE LTR-H-ML-30L-DM1-LTR-6RD-T-ML-40K8-MD-B24 | MVOLT | LED | 3000 (2963/ 3033.9/ 3182/2993) | 4000 | 36.4/34.69/ 31.2/ 41.50 | 0-10V | RECESSED | 6" ROUND RECESSED MOUNTED DOWNLIGHT WITH CLEAR ALZAK REFLECTOR AND MULTI-VOLT LED DRIVER. UL LISTED FOR DAMP LOCATIONS. FIXTURE SHALL BE IC RATED. |
| NSL-5E | HALO PD6-30-DO10-PDM6A-840-61V-C-EM<br>LITHONIA LDN6-40/30-L06AR-LSS-MVOLT-EZ10-ELR5D<br>LIGHTOLIER 6RNEM6-Z6RDL30940WOCDDZ-10U<br>PRESCOLITE LTR-H-ML-30L-DM1-LTR-6RD-T-ML-40K8-MD-SSEMST-B24 | MVOLT | LED | 3000 (2963/ 3033.9/ 3182/2993) | 4000 | 36.4/34.69/ 31.2/ 41.50 | 0-10V | RECESSED | 6" ROUND RECESSED MOUNTED DOWNLIGHT WITH CLEAR ALZAK REFLECTOR, MULTI-VOLT LED DRIVER AND INTEGRAL COLD WEATHER EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE. UL LISTED FOR DAMP LOCATIONS. FIXTURE SHALL BE IC RATED. |
| NSL-6 | LITHONIA WSQ LED-P4-40K-SR3-MVOLT-CBA<br>MCGRAW EDISON ISS-SA1E-740-U-T3-CBA<br>GARDCO 106L-32L-700-NW-G1-3-UNV-STD-FIN<br>HUBBELL QSP2-24L-70-4K7-3-XXX-XXX | 120/277 | LED | 6500 (6547/7129 /7242/ 7939) | 4000 | 61/58.2/70 /87 | NONE | WALL | WALL MOUNTED OUTDOOR WEATHERPROOF QUARTER SPHERE CUTOFF TYPE LIGHTING FIXTURE WITH LED LAMPS, LED DRIVER. UL LISTED FOR WET LOCATIONS. COLOR TO BE SELECTED BY THE ARCHITECT. |
| NSL-6E | LITHONIA WSQ LED-P4-40K-SR3-MVOLT-E20WC-CBA<br>MCGRAW EDISON ISS-SA1E-740-U-T3-CBP-CBA<br>GARDCO 106L-32L-700-NW-G1-3-UNV-STD-FIN-EBPC<br>HUBBELL QSP2-24L-70-4K7-3-XXX-XXX-EH | 120/277 | LED | 6500 (6547/7129 /7242/ 7939) | 4000 | 61/58.2/70 /87 | NONE | WALL | WALL MOUNTED OUTDOOR WEATHERPROOF QUARTER SPHERE CUTOFF TYPE LIGHTING FIXTURE WITH LED LAMPS, LED DRIVER AND COLD WEATHER EMERGENCY BATTERY PACK. UL LISTED FOR WET LOCATIONS. COLOR TO BE SELECTED BY THE ARCHITECT. |
| NSL-7 | METALUX SB14CZ-LD5-39S-UNV-L840-CD1-PAF-EQCLIP-U<br>DAYBRITE 1FGXG-40L-840-RS-UNV-DIM<br>LITHONIA BLTBA4-40L-ADP-EZ1-ADP-EZ1-LP840-LATC-PAF | MVOLT | LED | 4000 (4119/4000 /4062/ 4160) | 4000 | 35.7/34/ 34/39 | 0-10V 1% DIMMING | GRID | 1X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| NSL-7E | METALUX SB14CZ-LD5-39S-UNV-L840-CD1-PAF-EQCLIP-U-GTR2<br>DAYBRITE 1FGXG-40L-840-RS-UNV-DIM-GTD/E<br>LITHONIA BLTBA4-40L-ADP-EZ1-ADP-EZ1-LP840-LATC-PAF-GTD | 120/277 | LED | 4000 (4119/4000 /4062/ 4160) | 4000 | 35.7/34/ 34/39 | 0-10V 1% DIMMING | GRID | 1X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, MULTI-I-VOLT LED DIMMING DRIVER AND INTEGRAL INTEGRAL BATTERY UNIT WITH SELF DIAGNOSTIC FEATURES. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS. |
| NSL-8 | METALUX 14GR-LD5-40-A125-UNV-L840-CD1-PAF-EQ-CLIP-U<br>COLUMBIA LJT14-40MLG-FSA12125-EU-PAF-EQCLIP<br>LITHONIA GTL-4-40L-A12125-EZ1-LP840-LATC-PAF | 120/277 | LED | 4000 (4045/ 4222/ 3938.5) | 4000 | 38.8/38/ 40.1 | NONE | GRID | 1X4 RECESSED GRID MOUNTED LED LENS TROFFER TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, ACRYLIC LENS (0.125 MINIMUM THICKNESS) AND MULTI-VOLT LED DRIVER. |
| NSL-8E | METALUX 14GR-LD5-40-A125-UNV-L840-CD1-PAF-EQ-CLIP-U-EL14WSD<br>COLUMBIA LJT14-40MLG-FSA12125-EU-PAF-EQCLIP-ELL14SD<br>LITHONIA GTL-4-33L-A12125-EZ1-LP840-LATC-PAF- | 120/277 | LED | 4000 (4045/ 4222/ 3938.5) | 4000 | 38.8/38/ 40.1 | NONE | GRID | 1X4 RECESSED GRID MOUNTED LED LENS TROFFER TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, ACRYLIC LENS (0.125 MINIMUM THICKNESS). MULTI-VOLT LED DRIVER AND INTEGRAL EMERGENCY BATTERY UNIT WITH SELF-DIAGNOSTIC FEATURE. |
| NSL-9 | FAIL SAFE GRW-12-4-FA-LD4-64-40-A12125-UNV-EDC1<br>COLUMBIA LJT14-40MLG-FSA12125-EDU-FK14 -WL<br>LITHONIA WRTL-F-L48-5000LM-OAW-AFL-EZ1-40K-90CRI | MVOLT | LED | 5322 | 4000 | 42 | NONE | RECESSED FLANGE | 1X4 RECESSED MOUNTED FLANGED CHASSIS, LED LAMPS, FRAMED LENS, WET LOCATION TROFFER TYPE LIGHTING FIXTURE WITH ACRYLIC LENS (0.125 MINIMUM THICKNESS) AND MULTI-VOLT LED DRIVER. UL LISTED FOR WET LOCATIONS. |
| NSL-10 | METALUX 4SNLED-LD5-33SL-LW-UNV-L840-CD1-U<br>DAYBRITE FSS440L840-UNV-DIM-DACHXX<br>LITHONIA ZL1N-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-WH<br>COLUMBIA MPS4-40HL-C-W-EDU-CSHC | 120/277 | LED | 3000 (3504/4000 /3723/ 5720) | 4000 | 28/31/31/ 41.7 | NONE | PENDANT | 4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED AND WIDE DISTRIBUTION |
| NSL-10E | METALUX 4SNLED-LD5-33SL-LW-UNV-L840-CD1-U-EM<br>DAYBRITE FSS440L840-UNV-DIM-DACHXX-EM<br>LITHONIA ZL1N-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-WH-EM<br>COLUMBIA MPS4-40HL-C-W-EDU-CSHC-EM | 120/277 | LED | 3000 (3504/4000 /3723/ 5720) | 4000 | 28/31/31/ 41.7 | NONE | PENDANT | 4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED, WIDE DISTRIBUTION AND INTERNAL BATTERY UNIT. |
| NSL-11 | METALUX 4SWLED-LD4-36SL-LW-UNV-L840-HCD1-SVPD1-U<br>COLUMBIA ESL-4-40-HL-FAW-EDU-ELL14-NXOS<br>LITHONIA WL4-40L-EZ1-LP840-MSD7 | MVOLT | LED | 5322 | 4000 | 42 | NONE | WALL | 4' WALL MOUNTED LIGHTING FIXTURE WITH 0-10 VOLT NON-DIMMING DRIVER, INTEGRAL OCCUPANCY SENSOR AND INTEGRAL BATTERY UNIT WITH SELF DIAGNOSTICS UNIT. FIXTURE SHALL BE ILLUMINATED AT 50 PERCENT AT ALL TIMES AND INCREASE TO 100 PERCENT WHEN IT SENSES OCCUPANCY. (STAIRS) |
| NSL-12 | METALUX 14GR-LD5-40-A125-UNV-L840-CD1-PAF-EQ-CLIP-U<br>COLUMBIA LJT14-40MLG-FSA12125-EU-PAF-EQCLIP<br>LITHONIA GTL-4-40L-A12125-EZ1-LP840-LATC-PAF | 120/277 | LED | 4000 (4045/ 4222/ 3938.5) | 4000 | 38.8/38/ 40.1 | NONE | RECESSED FLANGE | 1X4 RECESSED MOUNTED LED LENS TROFFER TYPE LIGHTING FIXTURE WITH FLANGED TRIM, ACRYLIC LENS (0.125 MINIMUM THICKNESS) AND MULTI-VOLT LED DRIVER. |
| NSL-12E | METALUX 14GR-LD5-40-A125-UNV-L840-CD1-PAF-EQ-CLIP-U-EL14WSD<br>COLUMBIA LJT14-40MLG-FSA12125-EU-PAF-EQCLIP-ELL14SD<br>LITHONIA GTL-4-33L-A12125-EZ1-LP840-LATC-PAF- | 120/277 | LED | 4000 (4045/ 4222/ 3938.5) | 4000 | 38.8/38/ 40.1 | NONE | RECESSED FLANGE | 1X4 RECESSED MOUNTED LED LENS TROFFER TYPE LIGHTING FIXTURE WITH FLANGE TRIM, ACRYLIC LENS (0.125 MINIMUM THICKNESS). MULTI-VOLT LED DRIVER AND INTEGRAL EMERGENCY BATTERY UNIT WITH SELF-DIAGNOSTIC FEATURE. |
| AD-2 NSL-13 | LUMENWERX VIA4R-HLO-FH-SW-LED-90-750-34-LENGTH PLANS-40K-UNV-D1-1C-W-EM<br>MARK SL4L-LOP-34 FEET-FLP-TG-90CRI-40K-800LMF-MIN1-2/E10WLCP | 120/277 | LED | 750/FT | 4000 | 6.35/FT | 0-10V | GRID | 4" X 34' RECESSED GRID MOUNTED LINEAR LIGHTING FIXTURE WITH FROSTED WHITE LENS. PROVIDE AN EMERGENCY BATTERY UNIT IN EACH OF THE FOUR FOOT SECTIONS SHOWN ON THE DRAWINGS. WIRE FIXTURES SO THAT THE EMERGENCY BATTERY UNIT WILL ENERGIZE THAT PORTION OF THE LIGHTING FIXTURES AND COME ON IN THE EVENT OF POWER LOSS. |
| | | | | | | | | | |
| X1 | SURE-LITES CX61R<br>EMERGI-LITE BAPXN-1R<br>LITHONIA LES-1R<br>DUAL LITE SESR-BN | 120/277 | LED | | | 1 | NONE | SURFACE | SURFACE MOUNTED DIE CAST ALUMINUM EXIT SIGN WITH SINGLE BRUSHED ALUMINUM STENCIL FACE WITH RED LETTERS (ARROWS AS INDICATED ON DRAWINGS). |
| X2 | SURE-LITES CX61R<br>EMERGI-LITE BAPXN-2R<br>LITHONIA LES2R<br>DUAL LITE SEDR-BN | 120/277 | LED | | | 1 | NONE | SURFACE | SURFACE MOUNTED DIE CAST ALUMINUM EXIT SIGN WITH DOUBLE BRUSHED ALUMINUM STENCIL FACE WITH RED LETTERS (ARROWS AS INDICATED ON DRAWINGS), NI-CAD BATTERY AND SELF DIAGNOSTIC FEATURE. |


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

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9102 N. Meridian St., Ste. 300
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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115
DATE 09/25/23
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-1 | 10/10/23 | ADDENDUM NO. 1 |
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

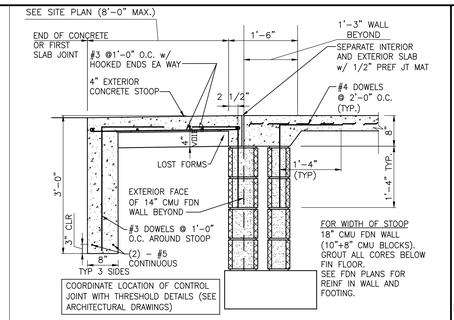
DRAWING
NORTH STAR BUILDING ELECTRICAL SCHEDULES

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

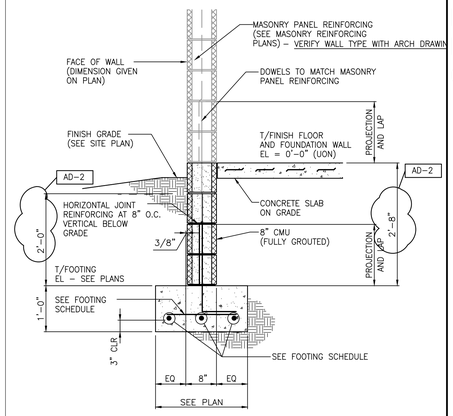

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SHEET
E-601-NS

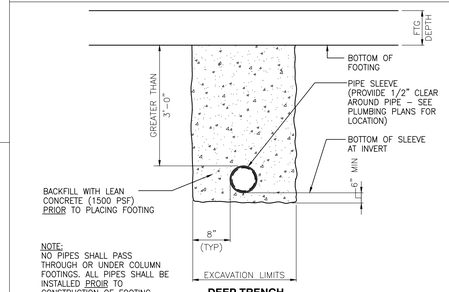

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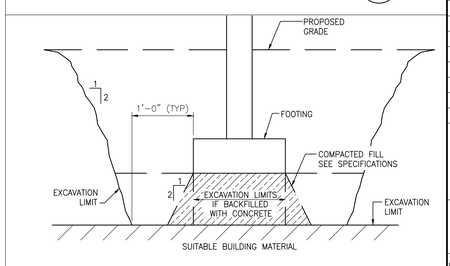

TYPICAL CONCRETE STOOP (1 / S-301)
SCALE: 3/4" = 1'-0"




FOUNDATION WALL (2 / S-301)
SCALE: 3/4" = 1'-0"




TYPICAL PIPE BACKFILL AT FOOTING (3 / S-301)
SCALE: 3/4" = 1'-0"




TYPICAL UNDERCUTTING DETAIL (4 / S-301)
SCALE: 3/4" = 1'-0"

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-115
DATE 09/25/23
COORDINATED BY RM
DRAWN BY RM
CHECKED BY RM JPB

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

| MARK | DATE | ISSUED FOR |
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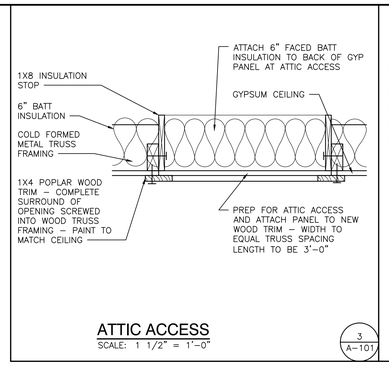
DRAWING
COMMUNITY BUILDING STRUCTURAL SECTIONS AND DETAILS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
S-301-CB

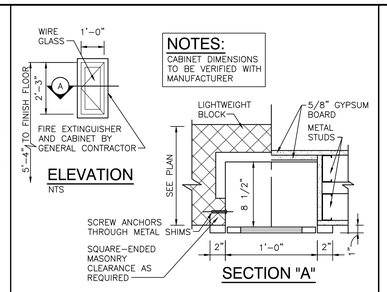
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Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\04 STRC\S-301.DWG




## ATTIC ACCESS

SCALE: 1 1/2" = 1'–0"

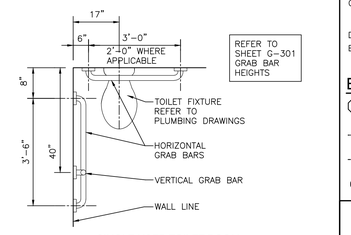
3 / A–101



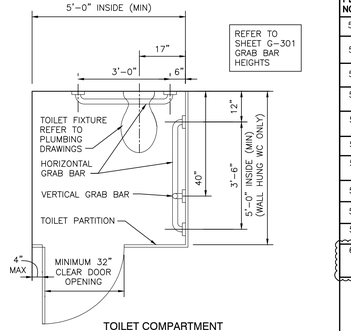

## SEMI-RECESSED FIRE EXTINGUISHER CABINET

SCALE: 1 1/2" = 1'–0"

2 / A–101




SINGLE USER TOILET ROOM




TOILET COMPARTMENT

## ACCESSIBLE FACILITIES

SCALE: 1/2" = 1'–0"

1 / A–101

## GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
B. FIELD VERIFY ALL DIMENSIONS.
C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.
E. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ROOM ACCESSORIES.

## EQUIPMENT PLAN LEGEND:

(–) INDICATES CASEWORK ELEVATION SYMBOL – REFER TO A–800 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
------ INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
- - - - INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
(TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.

## OWNER EQUIPMENT SCHEDULE

### COMMUNITY BUILDING - CONCESSIONS

| PLAN NOTE | PRODUCT MODEL NUMBERS TBD | DESCRIPTION | SERVICE REQUIREMENTS |
|---|---|---|---|
| 50 | LOOSE FURNITURE | INDICATED ON PLAN FOR ELECTRICAL & TECHNOLOGY COORDINATION | AS REQD |
| 51 | WIRE RACKS | RACKS LINING PERIMETER OF STORAGE | |
| 52 | POPCORN | 2'–3" X 1'–8" COOKING AREA | 220V |
| 53 | COUNTER TOP WARMER | 2'–6" X 1'–8" | POWER |
| 54 | POP COOLER | 4'–6" X 2'–11" FREESTANDING COOLER FOR DRINKS | POWER |
| 55 | FOOD WARMER | 2'–3" X 1'–9" WARMING AREA | POWER |
| 56 | WIRE RACKS | RACKS ABOVE 3 COMPARTMENT SINK & AROUND STORAGE | |
| 57 | UPRIGHT FREEZER | 2'–8" X 2'–5" FREEZER WITHIN STORAGE | POWER |
| 58 | UPRIGHT REFRIGERATOR | 2'–8" X 2'–5" REFRIGERATOR WITHIN STORAGE | POWER |
| 59 | – – | MICROWAVE | POWER |
| 60 | – – | NOT USED | |

AD–02

## GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'–0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
K. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL

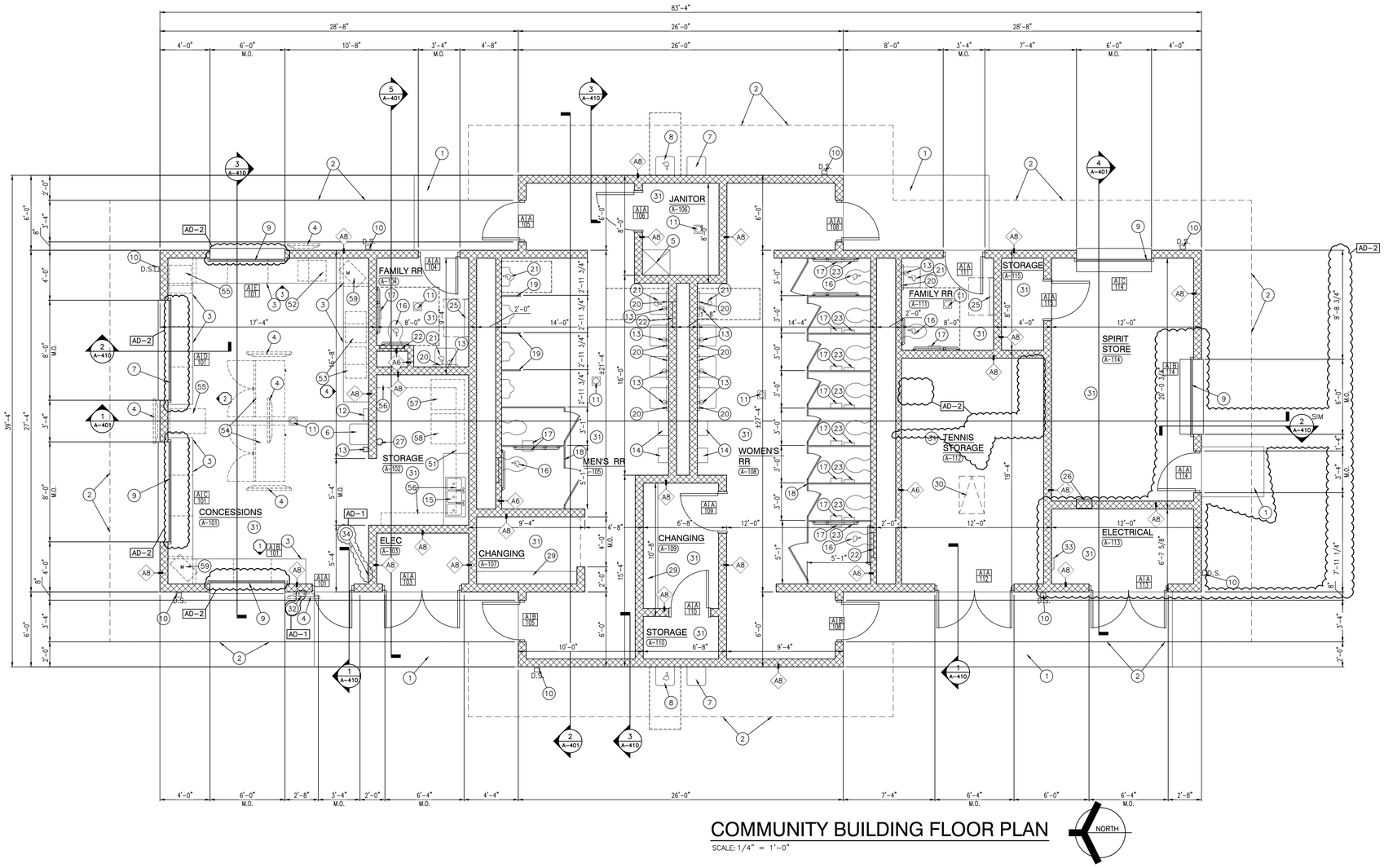
## PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A–600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
INDICATES WALL TYPES REFER TO G–201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

## PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS.
2. DASHED LINE INDICATES ROOF ABOVE. REFER TO ROOF PLAN.
3. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
4. DISPLAY/TV MONITOR (TYP), REFER TO ELECTRICAL PLANS.
5. MOP SINK, REFER TO PLUMBING DRAWINGS.
6. WALL SINK, REFER TO PLUMBING DRAWINGS.
7. ELECTRIC WATER COOLER WITH BUBBLER, REFER TO PLUMBING DRAWINGS.
8. ACCESSIBLE ELECTRIC WATER COOLER WITH BUBBLER, REFER TO PLUMBING DRAWINGS.
9. ROLLING COUNTER DOOR. — 2 / A–410
10. ALUMINUM DOWNSPOUT AND BOOT, REFER TO ROOF PLAN.
11. FLOOR DRAIN, REFER TO PLUMBING DRAWING.
12. PAPER TOWEL DISPENSER. OFCI
13. SOAP DISPENSER. OFCI
14. HAND DRYER
15. THREE COMPARTMENT SINK, REFER TO PLUMBING.
16. ACCESSIBLE FACILITIES.
17. TOILET PAPER HOLDER. (OFCI)
18. TOILET PARTITION.
19. URINAL SCREEN WALL.
20. 2'–0" W x 3'–0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 40"A.F.F.
21. ACCESSIBLE FIXTURE (LAVATORY/URNAL). SEE PLUMBING DRAWINGS.
22. 24"x24" ACCESS PANEL. MOUNT TOP OF PANEL AT 5'–4" A.F.F. COORDINATE LOCATION W/ SENSOR HEIGHT.
23. FEMININE NAPKIN DISPOSAL.
24. 2'–0" x 5'–0" MIRROR BOTTOM @ 1'–4" A.F.F.
25. CHANGING TABLE.
26. SEMI–RECESSED FIRE EXTINGUISHER CABINET. — 2 / A–101
27. FIRE EXTINGUISHER HOOK (WALL MOUNTED).
28. 6'–0" HIGH CHAIN LINK FENCE WITH 4'–0" WIDE GATE WITH LATCH AND STOREROOM LOCKSET
29. CHANGING ROOM BENCH (18" TO TOP OF BENCH)
30. ATTIC ACCESS PANEL REFER TO 3/A–101
31. CEILING TO BE GYPSUM BOARD AT 10'–1" AFF PAINT P1.
32. KNOX BOX
33. FIRE ALARM CONTROL PANEL – REFER TO ELECTRICAL DRAWINGS.
34. FIRE ALARM ANNUNCIATOR PANEL – REFER TO ELECTRICAL DRAWINGS.




## COMMUNITY BUILDING FLOOR PLAN

SCALE: 1/4" = 1'–0"

NORTH

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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PROJECT 23–115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY CJA
CHECKED BY UPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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DRAWING

COMMUNITY BUILDING FLOOR PLAN

PROJECT

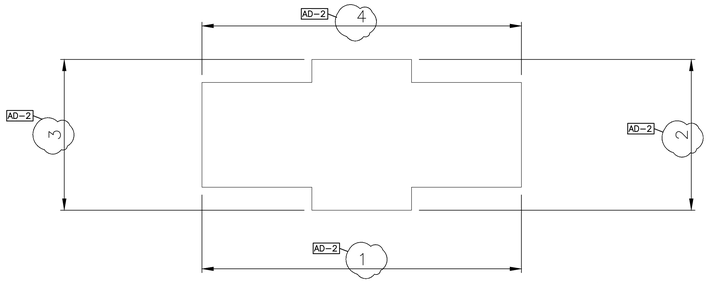
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET

A-101-CB

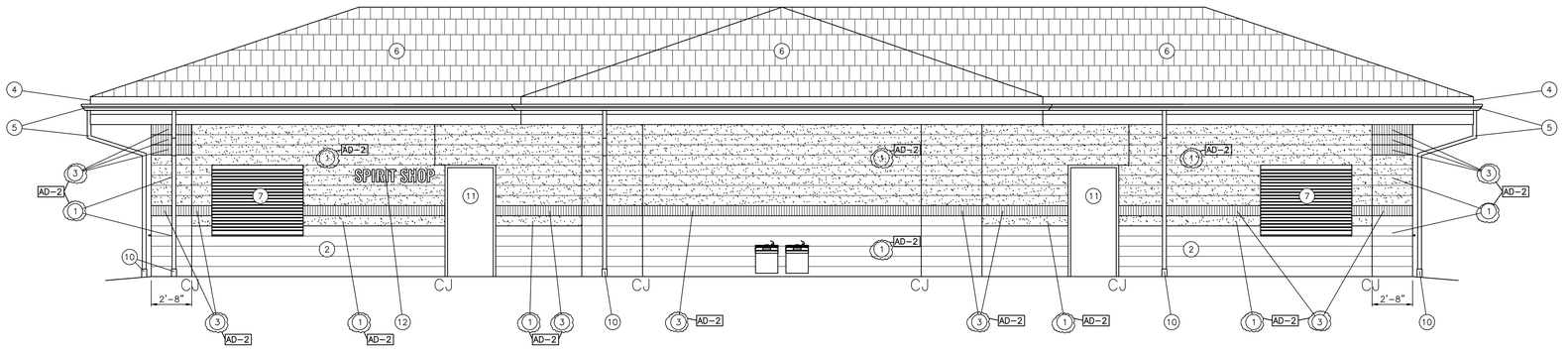
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## ELEVATION KEY

SCALE: NTS

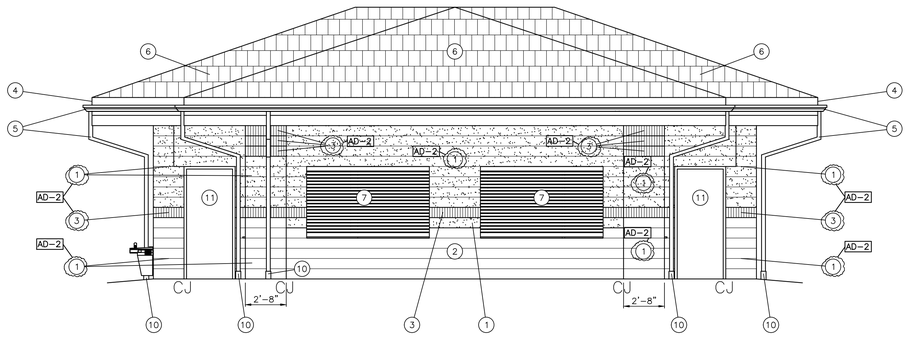



AD-2 EXTERIOR ELEVATION - 4

SCALE: 1/4" = 1'-0"

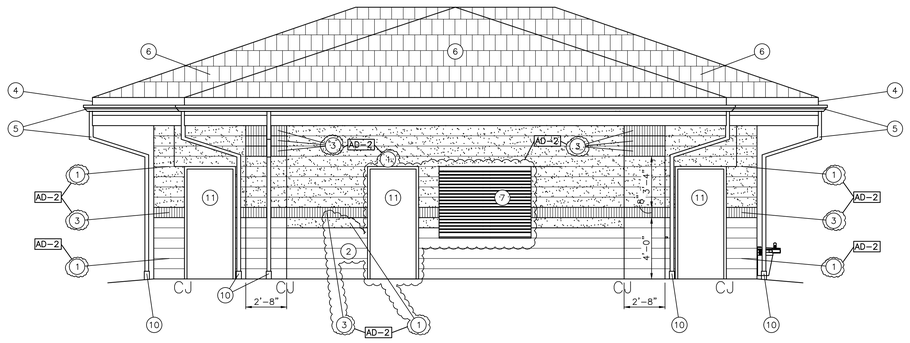
4 / A-301




AD-2 EXTERIOR ELEVATION - 3

SCALE: 1/4" = 1'-0"

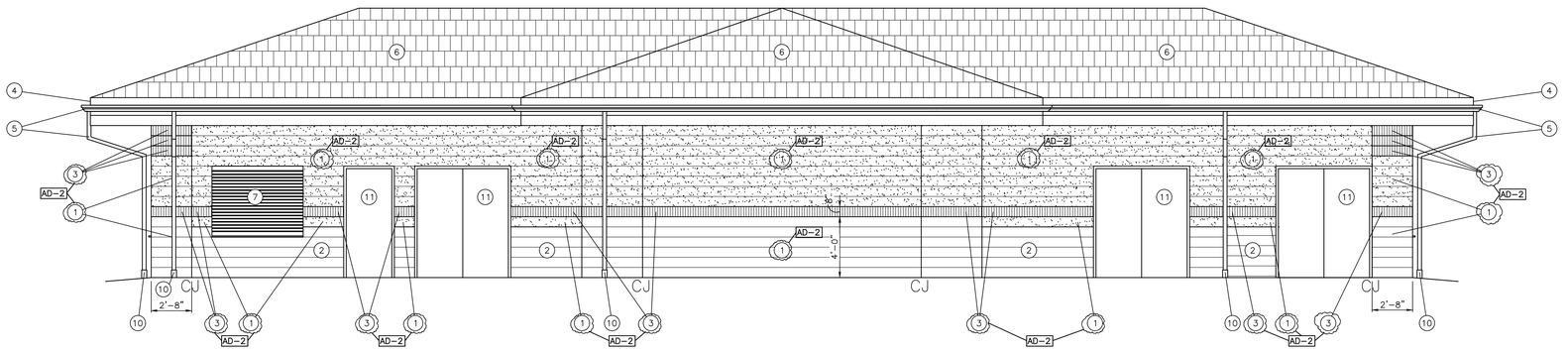
3 / A-301




AD-2 EXTERIOR ELEVATION - 2

SCALE: 1/4" = 1'-0"

2 / A-301




AD-2 EXTERIOR ELEVATION - 1

SCALE: 1/4" = 1'-0"

1 / A-301

## GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.
B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.
C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
D. ALL NEW CMU VENEER SHALL BE MODULAR RUNNING BOND UNLESS NOTED OTHERWISE.
E. FINISH GRADE INDICATES ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.
F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.
G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAIL

## ELEVATION KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. INTEGRAL CMU, TYPE A, SPLIT FACED CMU WITH INTEGRAL COLOR AND WATERPROOFING (RUNNING BOND)
2. INTEGRAL CMU, TYPE B, SPLIT FACED CMU WITH INTEGRAL COLOR AND WATERPROOFING (RUNNING BOND)
3. TYPE C- FACE BRICK SOLDIER COURSE, STANDARD MODULAR SIZE.
4. ALUMINUM CLAD WOOD FASCIA
5. METAL GUTTER AND DOWNSPOUT, ROOF LEADER AND ELBOWS, REFER TO ROOF PLAN.
6. ASPHALT SHINGLE ROOF, REFER TO ROOF PLANS
7. ROLLING COUNTER DOOR. (2 / A-410)
8. LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER. PROVIDE INTERMEDIATE SUPPORT AS REQUIRED BY LOUVER MANUFACTURER
9. NOT USED.
10. DOWNSPOUT CLEAN-OUT AND DOWNSPOUT LINE BELOW GRADE. COORDINATE FINAL CONNECTION IN SEPARATE BID PACKAGE. REFER TO PLUMBING.
11. FRP DOOR WITH ALUMINUM FRAME.
12. OWNER FURNISHED, OWNER INSTALLED SIGN.

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY CJA, AJB
CHECKED BY JPB

REGISTERED ARCHITECT
JOSEPH P. BIGGS
NO. 11600109
STATE OF INDIANA

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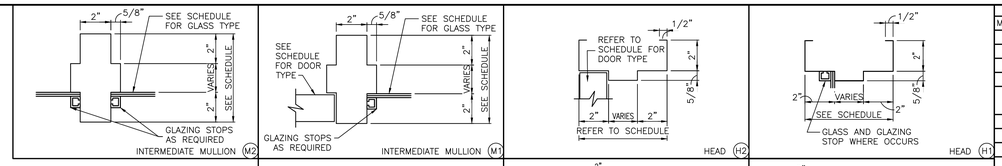
DRAWING
COMMUNITY BUILDING
BUILDING ELEVATIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-301-CB

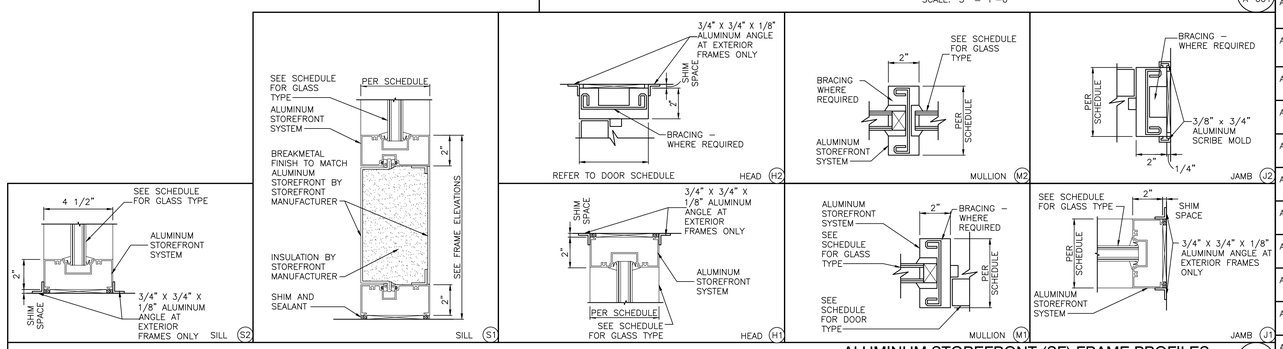
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## HOLLOW METAL (HM) FRAME PROFILES

SCALE: 3" = 1'-0"

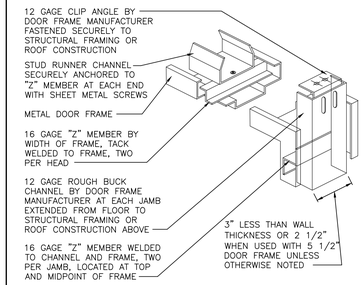
4 A-601




## ALUMINUM STOREFRONT (SF) FRAME PROFILES

SCALE: 3" = 1'-0"

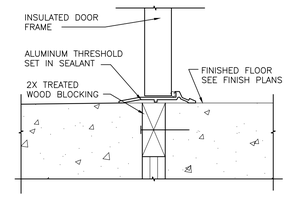
5 A-601




## TYPICAL HEAD & JAMB ANCHORAGE

SCALE: NTS

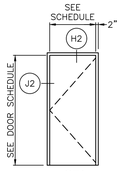
7 A-601




## TYPICAL SILL THRESHOLD

SCALE: NTS

6 A-601




SF1

### NOTES - ALUMINUM STOREFRONT (SF)

1. FOR STOREFRONT HEAD, JAMB, AND SILL DETAILS REFER TO WALL SECTIONS AND ALUMINUM STOREFRONT (SF) FRAME PROFILES
2. PROVIDE SHIM SPACE, BACKER ROD, AND SEALANT AROUND PERIMETER OF ALL FRAMES WHERE FRAMING ABUTS DISSIMILAR MATERIAL
3. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR STOREFRONT FRAMING
4. DIMENSIONS SHOWN ARE NOMINAL, FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION
5. PROVIDE 3/4" X 3/4" X 1/8" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL FRAMES UNLESS NOTED OTHERWISE. SET SCRIBE MOLDS IN SEALANT.

8 A-601

### GLASS SCHEDULE

| MK | GLASS TYPES |
|---|---|
| | NOT USED |

1

## DOOR AND FRAME SCHEDULE

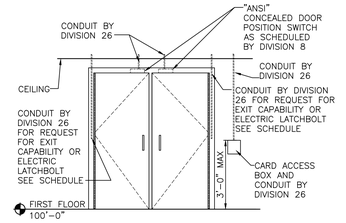
| DOOR NO | DESCRIPTION | TYPE | SIZE (WxH) (INCHES) | MATERIAL | LOU | GLASS DOOR | GLASS SIDE LGT | GLASS TRA | FRAME MAT'L | FRAME WIDTH | FRAME JAMB | FRAME HEAD | FRAME SILL | FRAME ELEV | LABEL | HARDWARE EXIT DEVICE | HARDWARE CLOSER | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A–101A | SINGLE | 1 | 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–101B | OVERHEAD DOOR | –– | –– | AD–2 | | | | | | | | | | | AD–2 | | | |
| A–101C | OVERHEAD DOOR | –– | –– | | | | | | | | | | | | | | | |
| A–101D | OVERHEAD DOOR | –– | –– | | | | | | | | | | | | | | | |
| A–101E | OVERHEAD DOOR | –– | –– | | | | | | | | | | | | | | | |
| A–103A | DOUBLE | 1 | PR 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–104A | SINGLE | 1 | 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–105A | SINGLE | 1 | 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–105B | SINGLE | 1 | 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–106A | SINGLE | 1 | 36 x 84 | HM | | | | | | 8 3/4" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | | YES | 1 |
| A–108A | SINGLE | 1 | 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–108B | SINGLE | 1 | 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–109A | SINGLE | 1 | 36 x 84 | HM | | | | | | 8 3/4" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | | YES | 1 |
| A–110A | SINGLE | 1 | 36 x 84 | HM | | | | | | 8 3/4" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | | YES | 1 |
| A–111A | SINGLE | 1 | 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–112A | DOUBLE | 1 | PR 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1, 2 |
| A–113A | DOUBLE | 1 | PR 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–114A | SINGLE | 1 | 36 x 84 | FRP | | | | | | 4 1/2" | SEE ELEV | SEE ELEV | 6/ A–601 | SF1 | | | YES | 1 |
| A–114B | OVERHEAD DOOR | –– | –– | AD–2 | | | | | | | | | | | AD–2 | | | |
| A–114C | OVERHEAD DOOR | –– | –– | | | | | | | | | | | | | | | |
| A–115A | SINGLE | 1 | 36 x 84 | HM | | | | | | 8 3/4" | SEE ELEV | SEE ELEV | SEE ELEV | HM1 | | | YES | 1 |

### GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES.
B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.

### DOOR SCHEDULE NOTES (REMARKS):

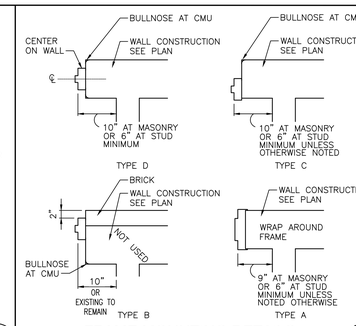
1. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC.
2. KEYED REMOVABLE MULLION.




## ELECRTICAL ROUGH-IN AT DOOR FRAMES

SCALE: NTS

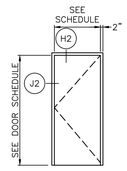
3 A-601




## FRAME MOUNTING DETAILS

SCALE: NTS

2 A-601




HM1

### NOTES - HOLLOW METAL (HM)

1. FOR HOLLOW METAL HEAD, JAMB AND SILL DETAILS REFER TO WALL SECTIONS AND HOLLOW METAL (HM) FRAME PROFILES
2. PROVIDE SEALANT AROUND PERIMETER OF ALL FRAMES.
3. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
4. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE ROOM FINISH SCHEDULE FOR WALL FINISHES.
5. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED
6. ALTERNATE: PROVIDE ELECTROLITE GLAZING AS SHOWN.
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.

## HOLLOW METAL (HM) ELEVATIONS

SCALE: 3" = 1'-0"

1 A-601

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LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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PROJECT 23–115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY CJA
CHECKED BY UPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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DRAWING

COMMUNITY BUILDING DOOR SCHEDULE, FRAME PROFILES, ELEV. & DETAILS

PROJECT

LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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A-601-CB

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# FINISH LEGEND

| SURFACE | MARK | DESCRIPTION | MANUFACTURER | PATTERN/FINISH | NUMBER/COLOR | SIZE | COMMENTS |
|---|---|---|---|---|---|---|---|
| **CEILING MATERIALS** | | | | | | | |
| | P1 | PAINT | SHERWIN WILLIAMS | -- | CEILING BRIGHT WHITE / 7007 | -- | -- |
| **WALL BASE** | | | | | | | |
| | B1 | WALL BASE | TARKETT | -- | BURNT UMBER 63 | 4" COVE | -- |
| | RB | RESINOUS BASE | SHERWIN WILLIAMS | DECO QUARTZ BC23 | METEOR SHOWER | 4" COVE | -- |
| **FLOOR MATERIALS** | | | | | | | |
| | RF1 | RESINOUS FLOOR | SHERWIN WILLIAMS | DECO QUARTZ BC23 | METEOR SHOWER | -- | -- |
| | SC | SEALED CONTRETE | -- | -- | -- | -- | -- |
| **WALL MATERIALS** | | | | | | | |
| | P1 | SEE CEILING MATERIALS | | | | | |
| | P2 | PAINT | SHERWIN WILLIAMS | -- | CUSTOM COLOR RED | -- | SEE NOTE 1 |
| | P3 | PAINT | SHERWIN WILLIAMS | -- | SW7066 GRIZZLE GRAY | -- | DOOR FRAMES |
| | P4 | PAINT | SHERWIN WILLIAMS | -- | -- | -- | DOORS |
| | W1 | WALLCOATING | SHERWIN WILLIAMS | -- | SW 7029 AGREEABLE GRAY | -- | -- |
| | W2 | WALLCOATING | SHERWIN WILLIAMS | -- | CUSTOM COLOR RED | -- | SEE NOTE 1 |
| ~~**CASEWORK AND MILLWORK**~~ | | | | | | | |
| AD-02 | PL1 | PLASTIC LAMINATE | FORMICA | -- | -- | -- | -- |
| | SST | STAINLESS STEEL | -- | -- | -- | -- | -- |
| **MISCELLANEOUS** | | | | | | | |
| | TP1 | TOILET PARTION | HINDY HIDERS | ORANGE PEEL | BLACK | -- | -- |
| AD-02 | PC1 | PRIVACY CURTAIN | ARCHITEX | -- | -- | -- | -- |

* NOTE 1 – CUSTOM COLOR RED TO MATCH SCHOOL COLOR

AD-01

ENTIRE SHEET IS SUBMITTED FOR ADDENDUM 1

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LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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PROJECT 23-115
DATE 09/25/23
COORDINATED BY TA
DRAWN BY ACS
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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| AD-01 | 10/10/23 | ADDENDUM 1 |
| AD-02 | 10/20/23 | ADDENDUM 2 |

DRAWING
COMMUNITY BUILDING FINISH LEGEND

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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A-820-CB


Thursday, 10/19/2023 - 1:37 PM - LAST SAVED BY:ASCOTT
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## GENERAL REFLECTED CEILING PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

## REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

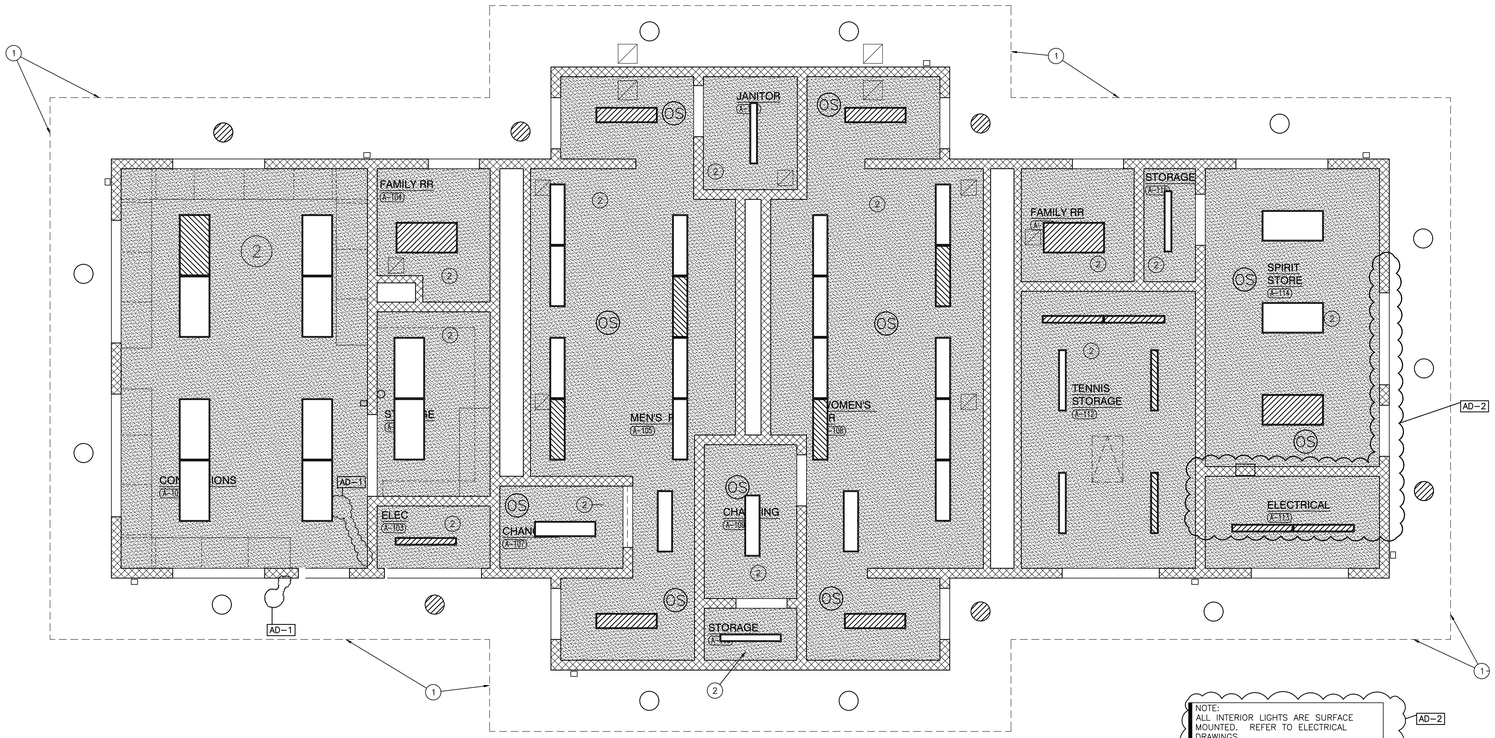
- GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (2/A-501) AND WALL SECTIONS
- DOWN LIGHT
- 2x4 LIGHT FIXTURE
- LINEAR LIGHT FIXTURE (AD-2)
- LINEAR LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- (OS) OCCUPANCY SENSOR

## REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

(1) LINE OF ROOF EDGE

(2) 5/8" GYPSUM BOARD CEILING MOUNTED TO UNDERSIDE OF ROOF TRUSSES




## COMMUNITY BUILDING REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"

NORTH

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115

DATE 09/25/23

COORDINATED BY TA

DRAWN BY NW

CHECKED BY TA/NW

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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DRAWING

COMMUNITY BUILDING REFLECTED CEILING PLAN

PROJECT

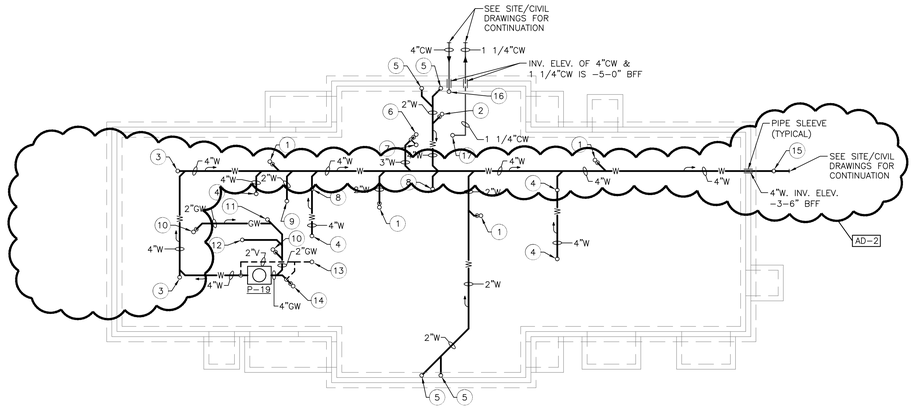
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET

A-901-CB

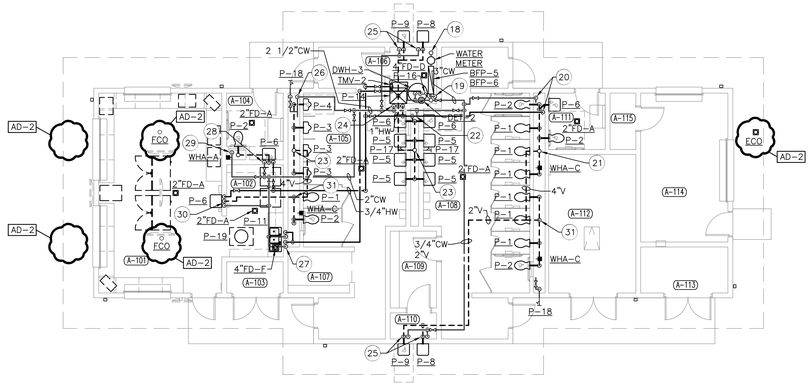

Thursday, 10/19/2023 - 3:35 PM - LAST SAVED BY:NWESLEY
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-901 - CB.DWG




## COMMUNITY BUILDING FOUNDATION PLUMBING PLAN

SCALE: 1/8" = 1'-0"

NORTH




## COMMUNITY BUILDING FIRST FLOOR PLUMBING PLAN

SCALE: 1/8" = 1'-0"

NORTH

## GENERAL NOTES:

1. SEE SHEET P-001 FOR GENERAL PLUMBING NOTES AND LEGEND.
2. SEE SHEET P-501 FOR PLUMBING DETAILS.
3. SEE SHEET P-601 FOR PLUMBING SCHEDULES.
4. BUILDING TO BE SHUT DOWN COMPLETELY FOR WINTER WITH NO HEAT. ALL PLUMBING PIPING, FIXTURES AND EQUIPMENT TO BE COMPLETELY WINTERIZED. PIPING TO BE SLOPED FOR A COMPLETE DRAIN DOWN. ALL HOSE BIBBS, WALL HYDRANTS AND FAUCETS TO BE OPENED FOR DRAINING OF WATER. ALL FLUSH VALVES TO TO FLUSHED. PROVIDE BLOW DOWN VALVE(S) AND CONNECTIONS FOR WINTERIZING WITH AIR COMPRESSOR. ALL FLOOR DRAIN P-TRAPS AND FIXTURE TRAPS TO BE FILLED WITH BIODEGRADABLE TYPE ANTIFREEZE SOLUTION.

## PLAN NOTES:

1. 2"W WITH P-TRAP UP TO FLOOR DRAIN.
2. 4"W WITH P-TRAP UP TO FLOOR DRAIN.
3. 4"W UP TO FLOOR CLEANOUT (FCO).
4. 4"W UP IN CHASE ABOVE.
5. 2"W UP ALONG WALL ABOVE.
6. 3"W WITH P-TRAP UP TO MOP BASIN.
7. 2"V UP IN WALL ABOVE.
8. 3"W UP IN CHASE ABOVE.
9. 2"W UP IN WALL ABOVE.
10. 2"GW WITH P-TRAP UP TO FLOOR DRAIN.
11. 2"GW UP TO FCO.
12. 2"GW UP IN WALL ABOVE.
13. 2"V UP IN CHASE ABOVE.
14. 4"GW WITH P-TRAP UP TO FLOOR DRAIN.
15. 4"W UP TO EXTERIOR CLEANOUT (ECO).
16. 4" INCOMING DOMESTIC COLD WATER SERVICE UP.
17. 1 1/4"CW FROM ABOVE ALONG WALL.
18. 4" INCOMING DOMESTIC WATER SERVICE.
19. 1 1/4"CW DOWN ALONG WALL TO POINT BELOW FLOOR.
20. 2 1/2"CW & 3/4"HW DROP IN CHASE. RUN 2 1/2"CW HEADER IN CHASE.
21. 4"W DOWN. 4"V RISE & UP IN CHASE. 4"VTR.
22. 1"CW & 1"HW DROP IN CHASE. PROVIDE SHUT-OFF VALVES ON DROPS.
23. 3"W DOWN. 3"V RISE & UP IN CHASE. 4" VTR.
24. 3/4"CW & 3/4"HW DROP IN WALL. PROVIDE SHUT-OFF VALVES AND CHECK VALVES ON WATER LINES BEFORE DROP IN WALL. 2"V FROM BELOW FLOOR RISE IN WALL. 3"W DOWN FROM MOP BASIN.
25. 3/4"CW DROP ALONG WALL. 1 1/2"V RISE. 2"W DOWN.
26. 2"CW DROP IN CHASE.
27. 3/4"CW & 3/4"HW(140°) DROP IN WALL (TYP. FOR 2). ROUTE SINK DRAIN LINES TO FLOOR DRAIN.
28. 3/4"CW & 3/4"HW DROP IN WALL. 1 1/2"V RISE. 2"W DOWN.
29. 1 1/2"CW DROP IN CHASE. 4"V RISE & UP. 4" VTR. 4"W DOWN.
30. 3/4"CW & 3/4"HW DROP IN WALL. 1 1/2"V RISE. 2"GW DOWN.
31. 4"W DOWN. 4"V RISE IN CHASE.

## SPECIAL NOTES:

1. BUILDING TO BE SHUT DOWN COMPLETELY FOR WINTER WITH NO HEAT. ALL PLUMBING PIPING, FIXTURES AND EQUIPMENT TO BE COMPLETELY WINTERIZED. PIPING TO BE SLOPED FOR A COMPLETE DRAIN DOWN. ALL HOSE BIBBS, WALL HYDRANTS AND FAUCETS TO BE OPENED FOR DRAINING OF WATER. ALL FLUSH VALVES TO BE FLUSHED. PROVIDE BLOW DOWN VALVE(S) AND CONNECTIONS FOR WINTERIZING WITH AIR COMPRESSOR. ALL FLOOR DRAIN P-TRAPS AND FIXTURE TRAPS TO BE FILLED WITH BIODEGRADABLE TYPE ANTIFREEZE SOLUTION.
2. PLUMBING CONTRACTOR TO PROVIDE TO THE OWNER A TYPED OUT DOCUMENT INDICATING A COMPLETE STEP BY STEP PROCEDURE ON HOW TO WINTERIZE THE BUILDING COMPLETELY FOR THE WINTER.

## ROOM LEGEND

| ROOM NO. | ROOM NAME |
|---|---|
| A-101 | CONCESSIONS |
| A-102 | STORAGE |
| A-103 | ELECTRICAL |
| A-104 | FAMILY RESTROOM |
| A-105 | MEN'S RESTROOM |
| A-106 | JANITOR |
| A-107 | CHANGING |
| A-108 | WOMEN'S RESTROOM |
| A-109 | CHANGING |
| A-110 | STORAGE |
| A-111 | FAMILY RESTROOM |
| A-112 | TENNIS STORAGE |
| A-113 | STORAGE |
| A-114 | SPIRIT STORE |
| A-115 | STORAGE |

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PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

PROJECT 23-115
DATE 09/25/23
COORDINATED BY PJD
DRAWN BY PJD
CHECKED BY JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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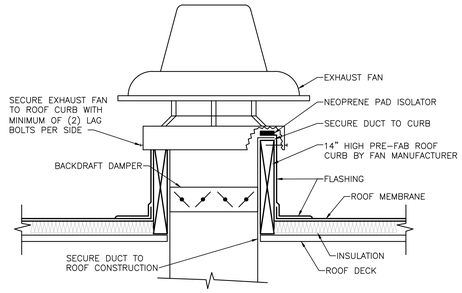
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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
COMMUNITY BUILDING FOUNDATION AND FIRST FLOOR PLUMBING PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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P-201-CB

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NOTE: DETAIL INDICATES FLAT ROOF INSTALLATION. PROVIDE SLOPED ROOF CURB AS REQUIRED TO MEET PITCHED ROOF.

## ROOF EXHAUST FAN MOUNTING DETAIL

NOT TO SCALE

## EXHAUST FAN SCHEDULE

| EF NO. | AREA EXHAUSTED | TYPE | GREENHECK MODEL NUMBER | BACKDRAFT DAMPER SIZE | CFM | SP. " OF W.C. | FAN RPM | MOTOR DATA HP | MOTOR DATA VOLTS | MOTOR DATA PHASE | CONTROL NOTE | SEE NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CB1 | COMMUNITY BUILDING | ROOF | GB-140 | 16/16 | 1275 | 0.375 | 932 | 1/4 | 120 | 1 | 1 | 3,5 |
| CB2 | COMMUNITY BUILDING | CEILING | SP-A390-VG | 8/8 | 200 | 0.125 | 835 | 0.02 | 120 | 1 | 1 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

NOTES:
1. CONTINUOUS OPERATION.
2. MANUAL SWITCH OPERATION.
3. ROOF CURB MOUNTED.
4. PROVIDE WITH FAN SPEED CONTROLLER, FOR BALANCING ONLY. SPEED CONTROLLER SHALL BE INSTALLED WITHIN FAN HOUSING, OUT OF SIGHT.
5. PROVIDE WITH MOTORIZED BACKDRAFT DAMPER, DISCONNECT SWITCH AND 14" TALL SLOPED ROOF CURB.
6. EXHAUST FAN SHALL BE CONTROLLED BY THE REMOTE MOUNTED THERMOSTAT. INTERLOCK EXHAUST FAN WITH MOTORIZED DAMPERS ASSOCIATED WITH EXHAUST FAN AND INTAKE LOUVER..

## ELECTRIC HEATER SCHEDULE

| MARK | EXAMPLE MANUFACTURER MODEL NO. | LOCATION | ARRANGEMENT | CFM | CAP. MBH | EAT | ELECTRICAL KW | ELECTRICAL AMPS | ELECTRICAL VOLTS | ELECTRICAL PHASE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EH CB1-10 | Q-MARK CDF-548 | VARIOUS | SURFACE MTD. CEILING HEATER | 300 | 10.2 | 65 | 3.0 | 14.4 | 277 | 1 | NOTE 2 |
| EWH CB1-9 | Q-MARK AWH-4404F | VARIOUS | ARCHITECURAL WALL HEATER | 100 | 10.2 | 65 | 3.0 | 14.4 | 277 | 1 | NOTE 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NOTES:
1. WALL HEATER SHALL HAVE TRIM KIT FOR SURFACE MOUNT, DISCONNECT SWITCH AND INTEGRAL TAMPER PROOF THERMOSTAT.
2. CEILING HEATER SHALL HAVE TRIM KIT FOR SURFACE MOUNTING, DISCONNECT SWITCH AND INTEGRAL TAMPER PROOF THERMOSTAT.

## CEILING FAN SCHEDULE

| CF MARK | EXAMPLE MANUFACTURER MODEL NO. | LOCATION | FAN TYPE AND DESCRIPTION | SERVICE | CFM | RPM | DRIVE TYPE | MOTOR DATA HP (AMPS) | MOTOR DATA RPM | MOTOR DATA VOLTS | MOTOR DATA PHASE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CB1 | QMARK LEADING EDGE 36201 | CONCESSIONS | HEAVY DUTY CEILING FAN | CIRCULATION | 12,500 MAX | 395 | DIRECT | .65 AMPS | 395 | 120 | 1 | 36", WHITE, NOTE 1 |
| CB2 | QMARK LEADING EDGE 36201 | CONCESSIONS | HEAVY DUTY CEILING FAN | CIRCULATION | 12,500 MAX | 395 | DIRECT | .65 AMPS | 395 | 120 | 1 | 36", WHITE, NOTE 1 |
| CB3 | QMARK LEADING EDGE 36201 | CONCESSIONS | HEAVY DUTY CEILING FAN | CIRCULATION | 12,500 MAX | 395 | DIRECT | .65 AMPS | 395 | 120 | 1 | 36", WHITE, NOTE 1 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

NOTES:
1. PROVIDE FAN WITH 12" DOWNROD AND WALL MOUNTED FAN SPEED CONTROLLER (WITH ON/OFF SWITCH) BY FAN MANUFACTURER, INSTALLED BY EC.

## GENERAL NOTES:

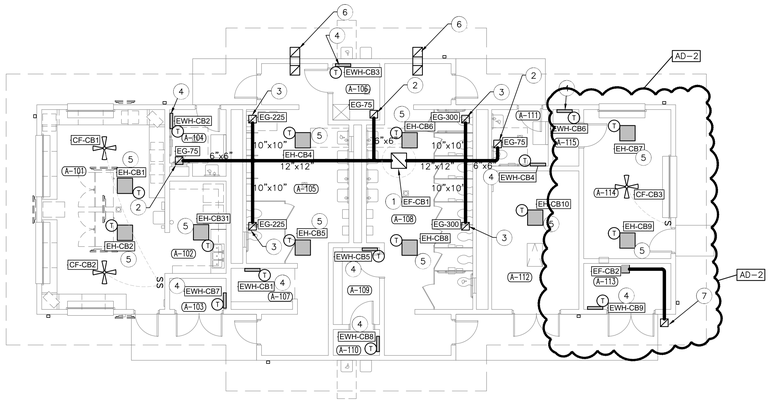
1. SEE SHEET M-001-NS FOR GENERAL MECHANICAL NOTES, LEGEND.

## PLAN NOTES:

1. EXHAUST FAN ON ROOF ABOVE. SET ON SLOPED ROOF CURB. 20"x20" EXHAUST DUCT UP TO FAN.
2. 6"x6" EXHAUST GRILLE IN CEILING.
3. 14"x10" EXHAUST GRILLE IN CEILING.
4. ELECTRIC WALL HEATER WITH INTEGRAL THERMOSTAT. SET THERMOSTAT AT 60deg F.
5. RECESSED CEILING HEATER WITH INTEGRAL THERMOSTAT. SET THERMOSTAT AT 60deg F.
6. 14"x14" LOUVER IN SOFFIT AND 14"x14" TRANSFER GRILLE IN CEILING OF RESTROOM. LINED INSULATED TRANSFER DUCT SHALL HAVE A MOTORIZED DAMPER INTERLOCKED WITH EXHAUST FAN. DAMPER SHALL BE CLOSED UPON FAN SHUT DOWN.
7. 10"x10" LOUVER IN SOFFIT AND 10"x8" EXHAUST DUCT FROM EXHAUST FAN CB-2 IN ROOM A-115.

## ROOM LEGEND

| ROOM NO. | ROOM NAME |
|---|---|
| A-101 | CONCESSIONS |
| A-102 | STORAGE |
| A-103 | ELECTRICAL |
| A-104 | FAMILY RESTROOM |
| A-105 | MEN'S RESTROOM |
| A-106 | JANITOR |
| A-107 | CHANGING |
| A-108 | WOMEN'S RESTROOM |
| A-109 | CHANGING |
| A-110 | STORAGE |
| A-111 | FAMILY RESTROOM |
| A-112 | TENNIS STORAGE |
| A-113 | STORAGE |
| A-114 | SPIRIT STORE |
| A-115 | STORAGE |




## COMMUNITY BUILDING MECHANICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"

NORTH


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PROJECT
23-115
DATE
09/25/23
COORDINATED BY
AAW
DRAWN BY
AAW
CHECKED BY
UPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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DRAWING
COMMUNITY BUILDING MECHANICAL FLOOR PLAN

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION


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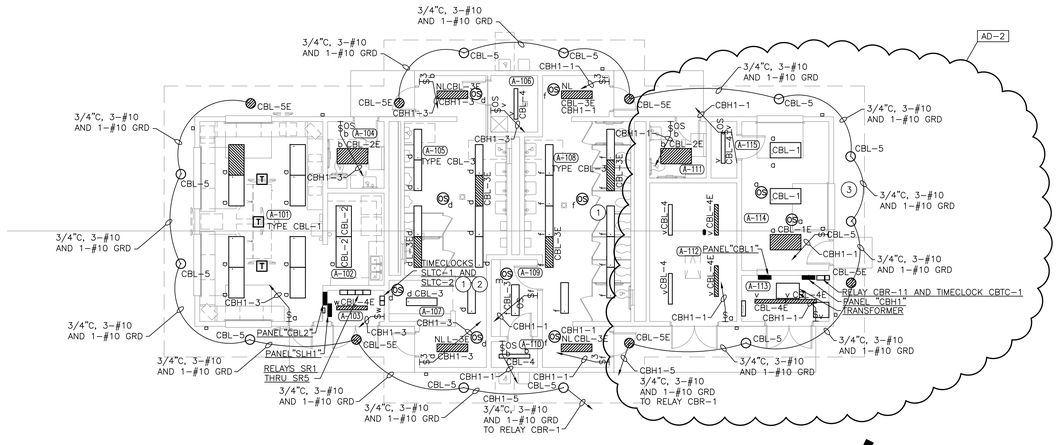
## GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. PANELBOARDS PROVIDED IN LOWELL HIGH SCHOOL SITE, BLEACHERS ANDTURF/DRAINAGE PROJECT. CONTRACTOR SHALL PROVIDE ALL BRANCH CIRCUIT WIRNG FROM THESE PANELBOARDS AND PROVIDE NEW TYPE CIRCUIT DIRECTORY IDENTIFYING ITEMS SERVED AND ALL SPARE/SPACES.

## ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

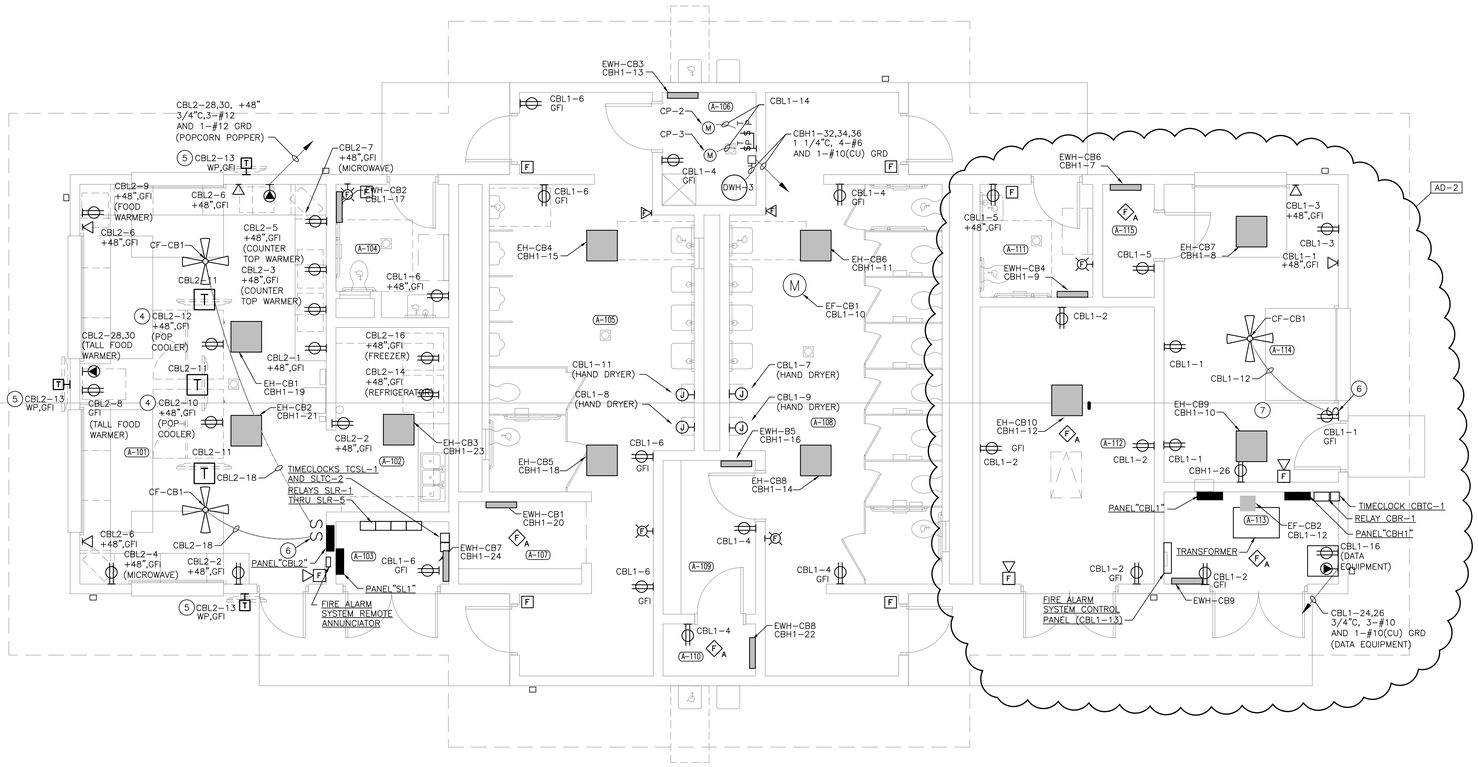
1. TORK DZS200BP FOUR CHANNEL DIGITAL TIMECLOCK SLTC-1. PROVIDED AS PART OF LOWELL HIGH SCHOOL SITE, BLEACHERS AND TURF/DRAINAGE PROJECT. CHANNEL ONE CONTROLS RELAY SR-1 (WEST WALKWAY LIGHTS), CHANNEL TWO CONTROLS RELAY SR-2 (EAST WALKWAY LIGHTS), CHANNEL THREE CONTROLS RELAY SR-3 (SOUTHWEST PARKING LOT LIGHTS) AND CHANNEL FOUR CONTROLS RELAY SR-4 (SOUTHEAST PARKING LOT LIGHTS. (CIRCUIT SLH1-13).
2. TORK DZS200BP TWO CHANNEL DIGITAL TIMECLOCK SLTC-2. PROVIDED AS PART OF LOWELL HIGH SCHOOL SITE, BLEACHERS AND TURF/DRAINAGE PROJECT. CHANNEL ONE CONTROLS RELAY SR-5 (ATHLETIC FIELD ENTRANCE LIGHTS) AND CHANNEL TWO IS A SPARE (NORTH DRIVE LIGHTS). (CIRCUIT SLH1-15). PROVIDED AS PART OF SITE, BLEACHERS AND TURF/DRAINAGE PROJECT.
3. TORK DZS2 SINGLE CHANNEL TIME CLOCK CBTC-1 TO CONTROL RELAY CBR-1 (BUILDING EXTERIOR LIGHTS).
4. PROVIDE RECEPTACLE IN THE CEILING FOR THE POP COOLER. VERIFY EXACT LOCATION WITH ARCHITECT AND CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.
5. PROVIDE POWER RECEPTACLES AND DATA OUTLETS WITH WEATHERPROOF-IN-USE COVERS. VERIFY EXACT LOCATION WITH ARCHITECT AND CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.
6. CEILING FAN CONTROLLER BY CEILING FAN INSTALLER. INSTALLED BY DIVISION 26. VERIFY EXACT LOCATION WITH ARCHITECT AND CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.
7. PROVIDE A 208 VOLT SINGLE PHASE 30 AMP RECEPTACLE FOR THE DATA EQUIPMENT. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH THE OWNER, CONSTRUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.




## COMMUNITY BUILDING ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'-0"

NORTH




## COMMUNITY BUILDING ELECTRICAL POWER PLAN

SCALE: 1/4" = 1'-0"

NORTH


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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

PROJECT 23-115
DATE 09/25/23
COORDINATED BY PCB
DRAWN BY PCB
CHECKED BY JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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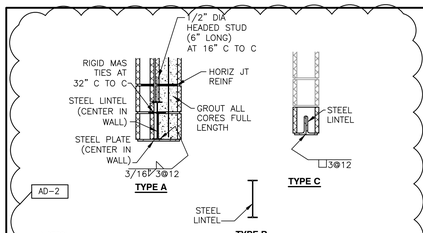
DRAWING
COMMUNITY BUILDING ELECTRICAL PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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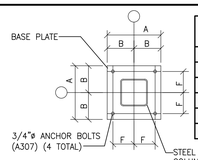

NOTES:

1. TYPE A AND B LINTELS SHALL BEAR ON TWO FULLY GROUTED CORES FULL HEIGHT TYPE C LINTELS SHALL BEAR ON TWO FULLY GROUTED COURSES OR SOLID MASONRY.
2. ALL LINTELS AT EXTERIOR LOCATIONS OR OTHERWISE SUBJECT TO WEATHER OR CORROSIVE ATMOSPHERE SHALL BE GALVANIZED. SEE SPECIFICATIONS.
3. AT "TYPE A" AND "TYPE B" LINTELS, PLATE LENGTH TO BE MASONRY OPENING MINUS 1/4" EACH END (1/2" TOTAL).
4. BEARING PLATE REQUIRED AT END OF SPECIAL LINTEL UNLESS OTHERWISE NOTED
5. "C" INDICATES COLUMN CONNECTION REQUIRED AT ONE OR BOTH ENDS. SEE PLANS FOR LOCATION.

| MARK | SIZE | CONTINUOUS PLATE | | ELEVATION | TYPE |
|---|---|---|---|---|---|
| | | TOP | BOTTOM | | |
| SL-1 | W16x31 | – | 3/8"x 11" | 3/A-401 | A |
| | | | | | |
| | | | | | |

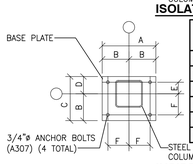
## SPECIAL LINTEL SCHEDULE

SCALE: NTS




| COLUMN SIZE | MARK | | | | | |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | F |
| HSS10x10 | 16" | 8" | --- | --- | --- | 6 1/2" |
| HSS8x8 | 14" | 7" | --- | --- | --- | 5 1/2" |
| HSS7x7 | 13" | 6 1/2" | --- | --- | --- | 5" |
| HSS6x6 | 12" | 6" | --- | --- | --- | 4 1/2" |
| HSS5x5 | 11" | 5 1/2" | --- | --- | --- | 4" |
| HSS4x4 | 10" | 5" | --- | --- | --- | 3 1/2" |

**ISOLATED PIER AND FOOTING**




| COLUMN SIZE | MARK | | | | | |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | F |
| HSS10x10 | 16" | 8" | 13 1/2" | 5 1/2" | 4" | 6 1/2" |
| HSS8x8 | 14" | 7" | 11 1/2" | 4 1/2" | 3" | 5 1/2" |
| HSS7x7 | 13" | 6 1/2" | 10 1/2" | 4" | 2 1/2" | 5" |
| HSS6x6 | 12" | 6" | 9 1/2" | 3 1/2" | 2" | 4 1/2" |
| HSS5x5 | 11" | 5 1/2" | 8 1/2" | 3" | 1 1/2" | 4" |
| HSS4x4 | 10" | 5" | 7 1/2" | 2 1/2" | 1" | 3 1/2" |

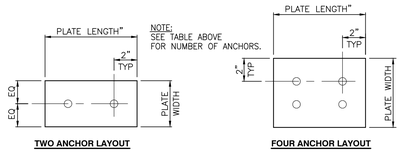
**INSIDE CORNER AND ALONG WALL**

## TYPICAL BASE PLATE

NTS

## BEARING PLATE SCHEDULE

| BEARING PLATE MARK | SIZE THK x W x L | NUMBER ANCHOR RODS | REMARKS |
|---|---|---|---|
| BP1 | 1/2" x 9" x 9" | 4 | TYPICAL BEAM BEARING |
| BP2 | 1/2" x 6" x 9" | 3 | CORNER BEAM BEARING |
| BP3 | 1/2" x 9" x 1'-2" | 4 | BEAM BEARING |




## BEARING PLATE SCHEDULE

SCALE: NTS

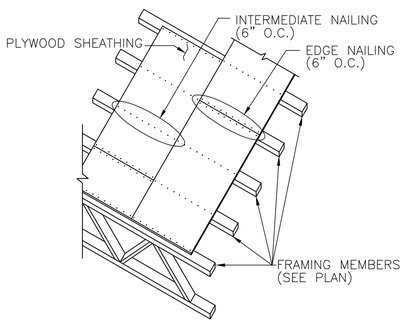
| PANEL MARK | CMU THICKNESS (BACK-UP) | VERTICAL REINFORCING | | TOP OF BOND BEAM ELEVATIONS | REMARKS | DETAIL |
|---|---|---|---|---|---|---|
| | | SIZE | SPA | | | |
| PANEL 1 | 12" | #5 | 40" | 120'-8" | INSP | 1/A-403 |
| PANEL 1A | 8" | #5 | 40" | 112'-0" | INSP | 1/A-403 |
| PANEL 2 | 8" | #5 | 40" | 107'-4" | INSP | 1,2/A-402 |
| PANEL 3 | 12" | #5 | 40" | 112'-0", 120'-8" | INSP | 2/A-401 |
| PANEL 4 | 8" | #5 | 48" | 111'-4" | INSP | 4/A-405 |
| PANEL 5 | 8" & 12" | #5 | 32" | 102'-8", 103'-4", 108'-0",110'-8" | INSP | A-403,A-404,A-405 |

NOTE:

1. (INSP) = MASONRY INSPECTION REQUIRED (SEE SPECIFICATIONS.
2. FOR HORIZONTAL JOINT REINFORCING SIZE AND SPACING SEE SPECIFICATIONS.
3. REINFORCING SCHEDULED HERE IN APPLIES TO THAT PORTION OF THE WALL ABOVE THE FOUNDATION WALL. SEE FOUNDATION PLANS FOR FOUNDATION WALL REINFORCING.
4. ALL REINFORCED MASONRY WALLS TO HAVE BOND BEAM AT OR NEAR TOP OF WALL. (HORZ BAR SIZE; 8" CMU: 2–#6, 10" CMU: 2–#6)

AD-2

## MASONRY WALL PANEL SCHEDULE




## TYPICAL SHEATHING LAYOUT & ATTACHMENT

SCALE: NTS

## SLAB SCHEDULE

| MARK | DEPTH | REINFORCEMENT | REMARKS |
|---|---|---|---|
| S | 4" | WWF 6x6 W2.1xW2.1 | 6" DRAINAGE FILL |

NOTE:

1. VAPOR BARRIER TO BE PROVIDED DIRECTLY UNDER SLAB AND MAY BE OMITTED FOR EXTERIOR SLABS. (15 MIL)
2. SEE SPECIFICATION 03001 FOR FIBER–ADDITIVE REQUIREMENTS.
3. SEE DETAIL FOR CLARIFICATION.

## PAD SCHEDULE

NOTE: ALL PADS ARE DESIGNED FOR 2500 PSF SOIL BEARING.

| MARK | WIDTH | DEPTH | LENGTH | REINFORCEMENT (1/2 EACH WAY) |
|---|---|---|---|---|
| P3 | 3'–0" | 1'–0" | 3'–0" | 8 – #5 |
| P4 | 4'–0" | 1'–0" | 4'–0" | 10 – #5 |
| P5 | 5'–0" | 1'–2" | 5'–0" | 12 – #5 |
| P6 | 6'–0" | 1'–6" | 6'–0" | 14 – #5 |
| P8 | 8'–0" | 1'–8" | 8'–0" | 16 – #5 |

## FOOTING SCHEDULE

| MARK | WIDTH | DEPTH | REINFORCEMENT |
|---|---|---|---|
| F24 | 24" | 12" | 3–#5 LONGITUDINAL #5 AT 24" O.C. TRANSVERSE |
| F30 | 30" | 14" | 4–#5 LONGITUDINAL #5 AT 24" O.C. TRANSVERSE |

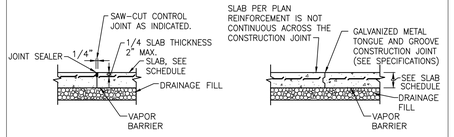
NOTE: ALL WALL FOOTINGS ARE DESIGNED FOR 2000 PSF SOIL BEARING

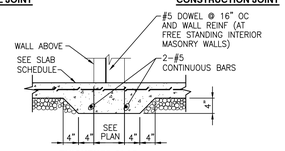
AD-2

## PIER SCHEDULE

| MARK & SIZE | REINFORCING | |
|---|---|---|
| | VERTICAL | TIES |
| PR20– 20"x20" | 4 – #6 | #3 @ 12" |
| PR24– 24"x24" | 4 – #6 | #3 @ 12" |
| PR32– 32"x32" | 8 – #6 | #3 @ 12" |
| PR40– 40"x40" | 8 – #6 | #3 @ 12" |

AD-2

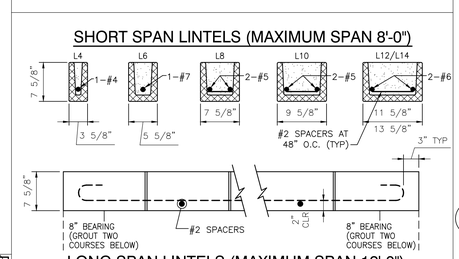


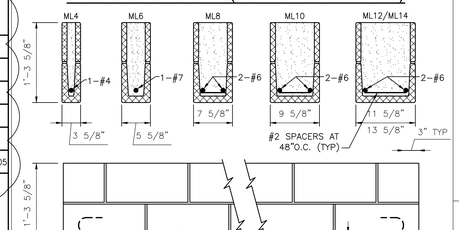

## TYPICAL SLAB ON GRADE

SCALE: 3/4" = 1'–0"

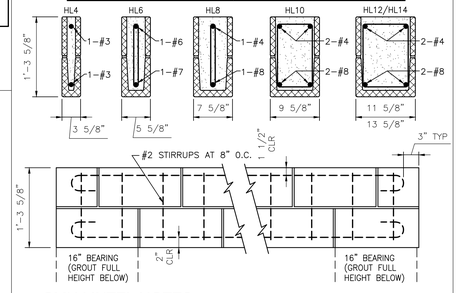
## SHORT SPAN LINTELS (MAXIMUM SPAN 8'-0")




## LONG SPAN LINTELS (MAXIMUM SPAN 12'-0")




## LONG SPAN LINTELS (MAXIMUM SPAN 16'-0")




## CMU LINTEL NOTES

1. FILL 4" AND 6" MASONRY UNITS WITH FINE GROUT AND ALL OTHERS. WITH COARSE GROUT. REFER TO SPECIFICATIONS SECTION DETAILS.
2. ALL REINFORCING BARS ARE HOOKED AT THE ENDS.
3. FOR TYPE OF CMU AND TYPE OF BOND REFERENCE SPECIFICATION SECTION 04200.
4. LINTELS SHALL BEAR ON SOLID CMU OR BEAR ON 2 FILLED COURSED, UON.
5. MAXIMUM SPANS DO NOT APPLY TO LOAD BEARING WALLS.
6. BOND PATTERN OF LINTEL TO MATCH ADJACENT WALL.
7. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED.
8. 14" LINTELS MAY BE MADE UP OF TWO PIECES OF 8" BOND BEAM UNITS IF 14" BOND BEAM UNITS ARE NOT AVAILABLE. (JOINT TO BE AT CENTER OF WALL)
9. FURNISH AND INSTALL ALL LINTELS REQUIRED FOR ALL OPENING IN MASONRY, INCLUDING MECHANICAL AND ELECTRICAL WORK, WHETHER SPECIFICALLY NOTED ON DRAWINGS OR NOT.

## CMU LINTEL SCHEDULE

SCALE: NTS

| | |
|---|---|
| LS4 | (2)–L 1 3/4 x 1 3/4 x 1/4 MAXIMUM CLEAR SPAN 3'–4" |
| LS6 | (2) L 2 1/2 x 2 1/2 x 1/4 MAXIMUM CLEAR SPAN 4'–0" |
| LS8 | (2) L 3 1/2 x 3 1/2 x 1/4 MAXIMUM CLEAR SPAN 4'–4" |
| LS10 | (2) L 4 x 4 x 1/4 MAXIMUM CLEAR SPAN 4'–8" |
| LS12 | (2) L 5 x 3 1/2 x 5/16 (LLH) MAXIMUM CLEAR SPAN 5'–0" |
| LBR | L 4x 3 1/2 x 5/16 (LLV) MAXIMUM CLEAR SPAN 5'–0" |
| LHS | L 7 x 4 x 3/8 (LLV) MAXIMUM CLEAR SPAN 8'–0" |
| LHB | L 8 x 4 x 1/2 (LLV) MAXIMUM CLEAR SPAN 12'–0" |
| LHS6 | (2) L 3 1/2 x 2 1/2 x 1/4 (LLV) MAXIMUM CLEAR SPAN 6'–0" |
| LHS8 | (2) L 5 x 3 1/2 x 3/8 (LLV) MAXIMUM CLEAR SPAN 6'–4" |
| LHS10 | (2) L 6 x 4 x 3/8 (LLV) MAXIMUM CLEAR SPAN 7'–4" |
| LHS12 | (2) L 5 x 5 x 3/8 MAXIMUM CLEAR SPAN 8'–4" |

TYP DOUBLE ANGLE — 2–16 — 8" BEARING EACH END

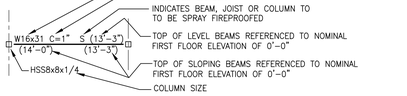
## LINTEL NOTES

1. LINTELS SHALL BEAR ON SOLID MASONRY OR ON TWO CMU COURSES FULLY GROUTED, UON.
2. FURNISH AND INSTALL ALL LOOSE LINTELS REQUIRED FOR ALL OPENINGS IN MASONRY, INCLUDING MECHANICAL AND ELECTRICAL WORK, WHETHER SPECIFICALLY NOTED ON DRAWINGS OR NOT.
3. ALL LINTELS AT EXTERIOR LOCATIONS OR OTHERWISE SUBJECT TO WEATHER OR CORROSIVE ATMOSPHERE SHALL BE GALVANIZED.

## STEEL LINTEL SCHEDULE

## STRUCTURAL LEGEND

| | |
|---|---|
| # | SEE PLAN NOTES |
| | CONCRETE |
| | INDICATES THICKEN SLAB UNDER WALL SEE DETAIL ON S–001 AND COORDINATE WITH ARCH PLANS. |
| P4[99'–0"] | CONCRETE PAD AND TOP OF PAD ELEVATION BELOW NOMINAL FIRST FLOOR ELEVATION. |
| LBR, ML8, SL–1 | INDICATES STEEL, MASONRY OR SPECIAL LINTEL. SEE STEEL LINTEL SCHEDULE , CMU LINTEL SCHEDULE OR SPECIAL LINTEL SCHEDULE ON THIS DRAWING. |
| RD, RDE RO, ROE AND FO | ROOF OR FLOOR OPENING. SEE GENERAL STRUCTURAL STEEL NOTES FOR FRAME INFORMATION. VERIFY LOCATION WITH CONTRACTOR REQUIRING OPENING. WHERE OPENING SIZE IS NOT GIVEN, COORDINATE WITH CONTRACTOR REQUIRING OPENING FOR EXACT SIZE. |
| 1 S–001 | SECTION, DETAIL, OR ELEVATION |
| R P C A | 1 1/2", 20 GAUGE TYPE "B" GALVANIZED METAL ROOF DECK AND DIRECTION OF SPAN. 5/8" A.P.A. RATED EXTERIOR PLYWOOD ROOF DECK. 3/8" GALV. STEEL CHECKER PLATE FLOORING. INDICATES CONCRETE SLAB. SEE SLAB SCHEDULE. |
| BP1 | INDICATES MASONRY WALL BEARING PLATE SIZE (SEE S–001 FOR BEARING PLATE SCHEDULE) |
| PANEL 2 | INDICATES MASONRY REINFORCED WALL PANEL. SEE MASONRY PANEL SCHEDULE. |




## STRUCTURAL ABBREVIATIONS

| | | | |
|---|---|---|---|
| ALT ARCH | ALTERNATE ARCHITECTURAL | LAT LONG | LATERAL LONGITUDINAL |
| B/ BM BOTT BRG | BOTTOM OF BEAM BOTTOM BEARING | MAX MECH MIN MAS | MAXIMUM MECHANICAL MINIMUM MASONRY |
| CL C TO C CLR COL CONC CONSTR CONT CONTR | CENTERLINE CONCRETE MASONRY UNIT CENTER TO CENTER CLEAR/CLEARANCE COLUMN CONCRETE CONSTRUCTION CONTINUOUS CONTRACTOR | N NIC NO/# O.C. O TO O OPNG OPP HD | NORTH NOT IN CONTRACT NUMBER ON CENTER OUT TO OUT OPENING OPPOSITE HAND |
| DET DWG | DETAIL DRAWING | PL PSF PSI | PLATE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH |
| E EA EF ELEC EL EQU EQUIP EW EXIST EXP | EAST EACH EACH FACE ELECTRICAL ELEVATION EQUAL EQUIPMENT EACH WAY EXISTING EXPANSION | REF REINF REQ'D | REFER TO REINFORCING REQUIRED |
| FIN FL FDN FTG | FINISH FLOOR FOUNDATION FOOTING | S SECT SIM SPA SPEC STD STL STRUCT | SOUTH SECTION SIMILAR SPACE SPECIFICATIONS STANDARD STEEL STRUCTURAL |
| GA GC | GAUGE GENERAL CONTRACTOR | T/ TOM TOS THK TYP | TOP OF TOP OF MASONRY TOP OF STEEL THICK/THICKNESS TYPICAL |
| HORIZ HS | HORIZONTAL HIGH STRENGTH | UON | UNLESS OTHERWISE NOTED |
| JST JT | JOIST JOINT | VIF VERT | VERIFY IN FIELD VERTICAL |
| L LLH LLV | ANGLE LONG LEG HORIZONTAL LONG LEG VERTICAL | W w/ WWF | WEST WITH WELDED WIRE FABRIC |

## GENERAL DESIGN NOTES

1. BUILDING CODE 2014
   INTERNATIONAL BUILDING CODE – (WITH INDIANA ADMENDMENTS)
2. DESIGN LOADS:
   ROOF LOADS: DL (PSF)
   GENERAL
   34
   FLOOR LOADS: DL (PSF)
   STORAGE
   100
   FLOOR LOADS: LL (PSF) GENERAL 40
   ROOF LOADS: LL (PSF) GENERAL 20
3. SNOW LOAD INFORMATION: AD-2
   GROUND SNOW LOAD (Pg) = 25 PSF + DRIFT
   SNOW EXPOSURE FACTOR (Ce) – 0.9
   SNOW LOAD IMPORTANCE FACTOR (Is) – 1.1
   THERMAL FACTOR (Ct) – 1.0
   FLAT ROOF SNOW LOAD (Pf) – 28 PSF
4. WIND LOAD INFORMATION:
   BASIC WIND SPEED; V ult – 120 MPH
   WIND IMPORTANCE FACTOR – 1.15
   BUILDING CATEGORY – III
   WIND EXPOSURE – C
   INTERNAL PRESSURE COEFFICIENT (GCpi) – ±0.18
5. SEISMIC DESIGN DATA:
   SEISMIC USE GROUP – II
   SPECTRAL RESPONSE COEFFICIENTS
   Sds – 0.14
   Sd1 – 0.10
   SITE CLASS – D
   BASIC SEISMIC–FORCE–RESISTING SYSTEM – 2P
   DESIGN BASE SHEAR (V) – 0.043W
   ANALYSIS PROCEDURE – EQUIVALENT LATERAL FORCE

## GENERAL FOUNDATION/CONCRETE NOTES

1. ALL CONCRETE SHALL BE STONE/GRAVEL AGGREGATE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS NOTED IN THE SPECIFICATIONS.
2. ALL REINFORCING STEEL SHALL CONFORM, TO ASTM A615, GRADE 60 UNLESS NOTED OTHERWISE.
3. ALL FOOTINGS AND PADS ARE DESIGNED TO BEAR ON UNDISTURBED SOIL WITH AN ALLOWABLE BEARING CAPACITY OF 2000 PSF.

## GENERAL STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE STANDARD SPECIFICATION FOR STRUCTURAL STEEL, ASTM A992, UNLESS NOTED OTHERWISE.
2. ALL JOIST ANCHORS, BEAM BEARING PLATES, LINTELS, METAL DECK ANCHORS, AND NEEDLE BEAMS ARE TO BE FURNISHED BY THE STRUCTURAL METALS CONTRACTOR AND INSTALLED BY THE MASONRY CONTRACTOR.
3. PROVIDE CURB ANGLES 3x3x1/4 TO SUPPORT ROOF DECK AT OPENINGS, UNLESS NOTED OTHERWISE.
4. STRUCTURAL STEEL FABRICATOR SHALL PROVIDE STEEL FILLERS ON BEAM FLANGES WHERE REQUIRED FOR THE BEARING OF METAL DECK.
5. STRUCTURAL STEEL FABRICATOR SHALL PROVIDE SUPPORTS FOR METAL DECK AT PERIMETER COLUMNS, BUILDING CORNERS AND ALL OTHER LOCATIONS AS REQUIRED FOR COMPLETE INSTALLATION OF DECK.

## GENERAL STEEL DECK NOTES

1. METAL DECK MANUFACTURER SHALL PROVIDE 6" WIDE, 22 GAUGE COVER PLATES AT ALL DECK SPLICE LOCATIONS WHERE THE ROOF DECK HAS A CHANGE IN DIRECTION OR SLOPE.
2. METAL DECK MANUFACTURER SHALL PROVIDE RECESSED SUMP PANS TO ACCOMMODATE ROOF DRAINS IN ALL METAL ROOF DECKS.

## GENERAL MASONRY NOTES

1. ALL CONCRETE MASONRY ASSEMBLAGES ARE DESIGNED FOR AN ULTIMATE COMPRESSIVE STRENGTH f'm = 1500 PSI.
2. ALL BEAMS AND LINTELS WHICH BEAR ON MASONRY SHALL BEAR A MINIMUM OF 8 INCHES ONTO MASONRY UNLESS OTHERWISE NOTED.
3. BLOCK WALLS SHALL BE LAID UP IN A RUNNING BOND PATTERN UNLESS OTHERWISE NOTED.
4. PROVIDE BRACING FOR ALL NON–LOAD BEARING BLOCK PARTITION WALLS PER ACI THE TYPICAL BRACING REQUIREMENTS. AD-2
5. ALL MASONRY WALLS OR FOUNDATIONS (INTERIOR AND EXTERIOR) SHALL BE REINFORCED WITH #5 AT 48" C TO C UNLESS OTHERWISE NOTED.

## UNDERPINNING NOTES

1. EXISTING FOOTING SCHEDULE SHALL BE HAND EXCAVATED IN LENGTHS (PARALLEL TO EXISTING WALL) NOT GREATER THAN SIX (6) FEET AND TO THE WIDTH OF THE EXISTING FOOTING. EXCAVATED AREAS SHALL BE SPACED AT NOT LESS THAN EIGHTEEN (18) FEET ON CENTERS SO THAT NO MORE THAN ONE–THIRD (1/3) OF THE EXISTING FOOTING IS UNDERCUT AT ANY TIME. EXCAVATING SHALL BE DONE FROM THE EXTERIOR OF THE EXISTING FOUNDATION. (SEE 7/S–301)
2. UNDERPIN FOOTINGS SHALL BE FORMED AGAINST EARTH EXCEPT FOR EXPOSED SURFACES WHICH SHALL BE FORMED. ALL EARTH SHALL BE REMOVED FROM THE ADJOINING FACE OF UNDERPIN FOOTINGS PRIOR TO PLACING THE ADJACENT SEGMENT.
3. THE SPACE (2 INCHES MINIMUM) BETWEEN BOTTOM OF EXISTING FOOTING AND TOP OF UNDERPIN FOOTING LSHALL BE PACKED WITH NON–SHRINK GROUT AFTER THE UNDERPIN FOOTING HAS CURED FOR 72 HOURS. NO EXCAVATION OF ADJACENT UNDERPIN SEGMENTS SHALL BE MADE UNTIL NON–SHRINK GROUT IS CURED TO A 2,000 PSI COMPRESSIVE STRENGTH, ACCORDING TO MANUFACTURERS DATA.
4. IF THE UNDERPINNING OPERATION RESULTS IN THE UNDERMINING OF THE EXISTING EXTERIOR SLAB, AFTER UNDERPINNING IS COMPLETED, GROUT SHALL BE PUMPED THROUGH CORED HOLES IN THE EXISTING SLAB. GROUTING SHALL BEGIN AT ONE END. GROUT SHALL BE PUMPED INTO THE HOLE UNTIL IT IS FULL OR LUNTILL GROUT BEGINS TO SHOW IN THE ADJACENT HOLE. GROUTING SHALL THEN PROCEED AT THE NEXT ADJACENT HOLE.
5. UNDERPINNING CONCRETE SHALL BE f'c = 1,500 PSI AT 28 DAYS.
6. AS AN ALTERNATIVE TO NOTE 3, EXPANSIVE CEMENT CONCRETE (TYPE K) MAY BE USED, AND THE GROUTING STEP MAY BE OMITTED. IF EXPANSIVE CEMENT CONCRETE IS USED, FORMED SURFACES SHALL BE SECURELY BRACED TO PREVENT MOVEMENT DURING THE CURING.
7. THE INSTALLING FOUNDATION CONTRACTOR OR OWNER MUST VERIFY WHAT TYPE OF IN PLACE SHORING AND REPAIRS OR REPLACEMENT OF THE EXISTING BRICK FOUNDATION WALL IS REQUIRED. IN PLACE JACKING OF PORTIONS OF THE HOUSE CURRENTLY BEING SUPPORTED BY THE BRICK FOUNDATION IS TO BE DETERMINED BY THE INSTALLING FOUNDATION REPAIR CONTRACTOR WITH OWNERS APPROVAL PRIOR TO REMOVAL AND REPLACEMENT WITH CMU. (FIELD VERIFY)

## GENERAL WOOD NOTES

1. SAWN LUMBER SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY. JOISTS, LEDGERS, BEAMS, ETC. SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES.

| JOISTS | Fb (PSI) | Fv (PSI) | Fc (PSI) | E (PSI) |
|---|---|---|---|---|
| 2x6 thru 2x12 (NO. 1) | 1000 | 100 | 1400 | 1,300,000 |
| STUDS: | | | | |
| 2x4 (NO. 2) | 1250 | 100 | 1400 | 1,500,000 |
| 2x6 (NO. 2) | 1000 | 100 | 1400 | 1,400,000 |
| 2x4 & 2x6 (NON–BRG ONLY) | 675 | 100 | 725 | 1,200,000 |

2. PLYWOOD SHALL BE C–D INTERIOR SHEATHING WITH EXTERIOR GLUE AND SHALL BEAR THE STAMP OF AN APPROVED AGENCY. LAY UP PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND STAGGER JOINTS. ALL NAILING, COMMON NAILS. ALL PLYWOOD SHALL BE OF THE FOLLOWING NOMINAL THICKNESS, SPAN/INDEX RATIO AND SHALL BE NAILED AS FOLLOWS (UON). SEE 12/S–302 AND 13/S–302 FOR ADDITIONAL INFORMATION.

| USE | THICKNESS | SPAN/INDEX | EDGE NAILING | INTERMEDIATE NAILING |
|---|---|---|---|---|
| ROOF | 5/8" | 40/20 | 10d AT 4" O.C. | 10d AT 12" O.C. |
| FLOOR | 3/4" T&G | 48/24 | 10d AT 6" O.C. | 10d AT 12" O.C. |
| WALL | 1/2" | 32/16 | 10d AT 4" O.C. | 10d AT 12" O.C. |

3. AMERICAN PLYWOOD ASSOCIATION PERFORMANCE RATED SHEATHING MAY BE USED AS AN ALTERNATE TO PLYWOOD WITH PRIOR APPROVAL OF OWNER, ARCHITECT, AND ROOFING CONTRACTOR. RATED SHEATHING SHALL HAVE THE SAME THICKNESS, EQUAL OR BETTER SPAN/INDEX RATIO, AND BE ATTACHED THE SAME AS THE PLYWOOD IT REPLACES.


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN


PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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PROJECT 23–115
DATE 09/25/23
COORDINATED BY RM
DRAWN BY RM
CHECKED BY RM JPB

ROGER WALKER REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER


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REVISIONS

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| AD–2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

SITE BUILDING STRUCTURAL SECTIONS, DETAILS AND NOTES

PROJECT

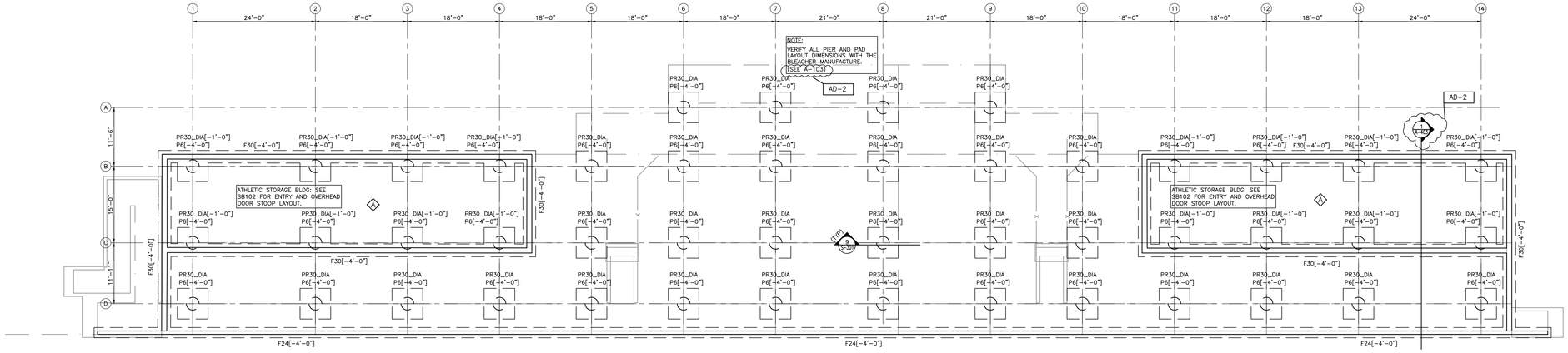
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET

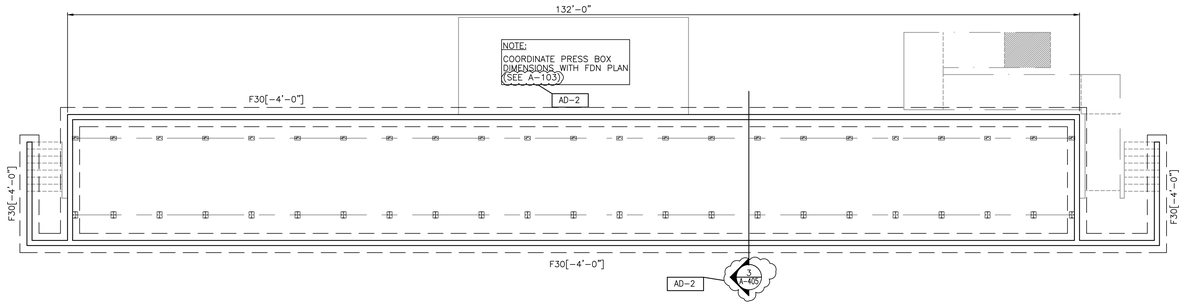
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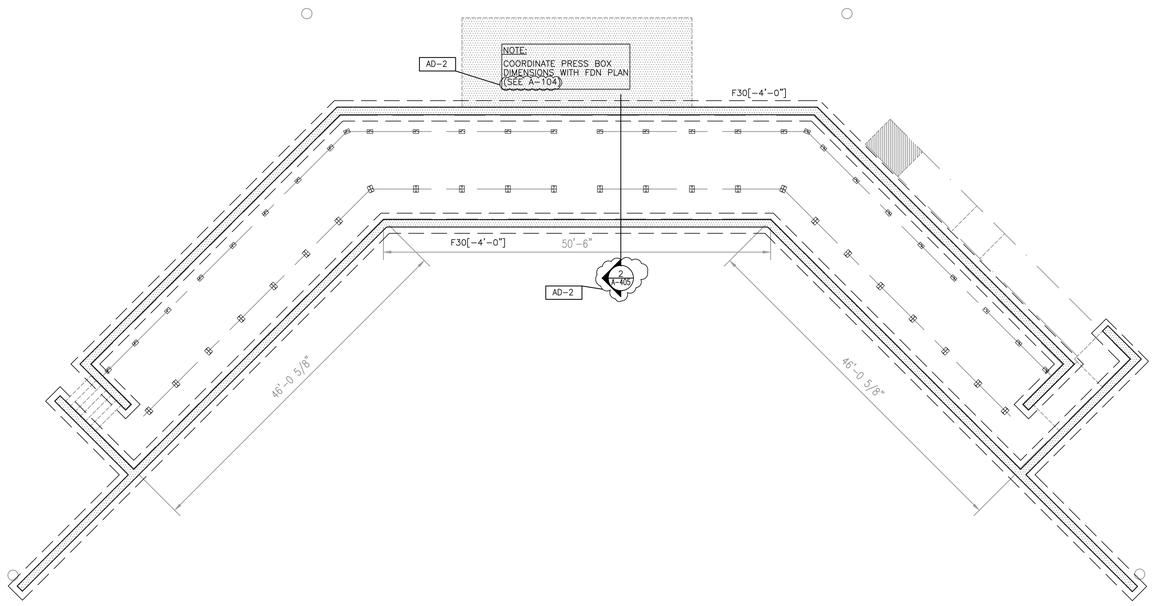

## FOOTBALL GRANDSTAND & ATHLETIC STORAGE BUILDINGS FOUNDATION PLAN

SCALE: 1" = 10'



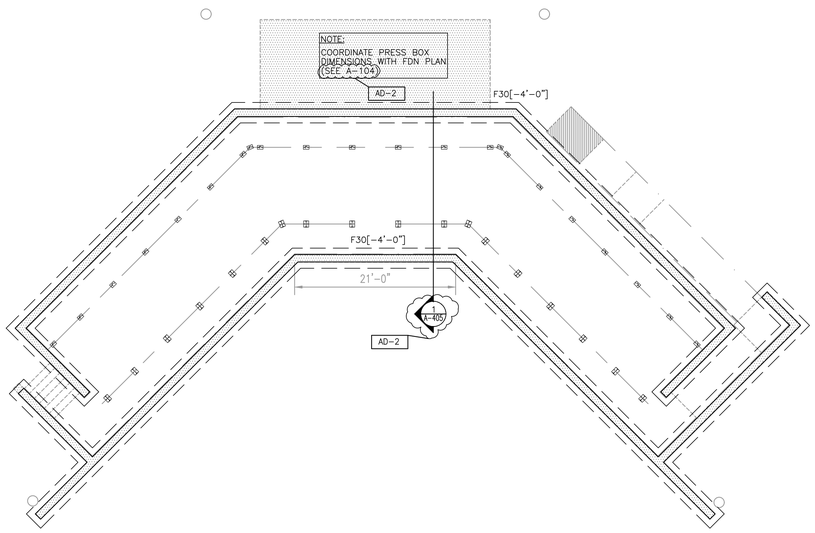

## SOCCER GRANDSTAND FOUNDATION PLAN

SCALE: 1/8"=1'-0"




## BASEBALL GRANDSTAND FOUNDATION PLAN

SCALE: 1/8"=1'-0"




## SOFTBALL GRANDSTAND FOUNDATION PLAN

SCALE: 1/8"=1'-0"

## FOUNDATION/SLAB PLAN NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 100'-0" PER AREA, SEE PLANS AND VERIFY WITH ARCH PLANS FOR ALL DIMENSIONS.
3. SLAB CONTROL AND CONSTRUCTION JOINTS ARE TO BE LAID OUT PER CONTRACTOR PLANNED SEQUENCE OF COMPLETION. (SEE SPECIFICATION)
4. SEE S-301 FOR ADDITIONAL FOUNDATION NOTES AND DETAILS.

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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PROJECT 23-115
DATE 09/25/23
COORDINATED BY RM
DRAWN BY RM
CHECKED BY RM JPB

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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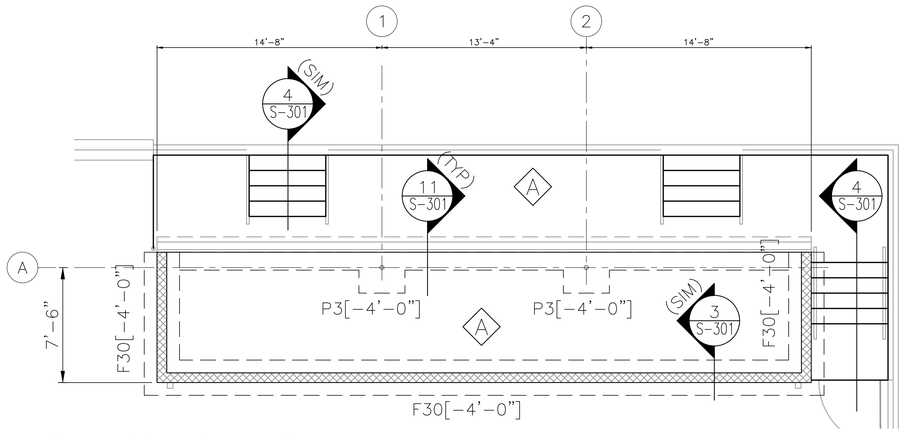
DRAWING
STRUCTURAL SLAB & FOUNDATIONS PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
SB101-SB

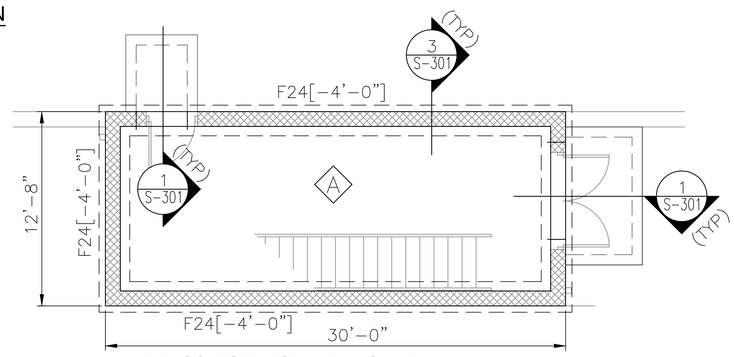
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## VARSITY DUGOUT FOUNDATION PLAN

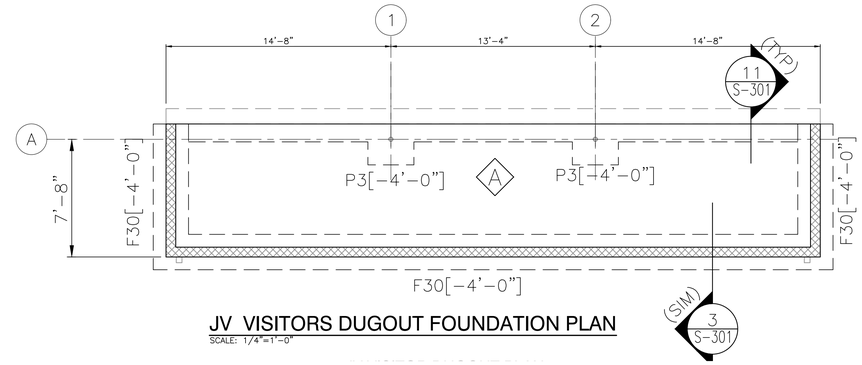
SCALE: 1/4"=1'-0"

AD-2



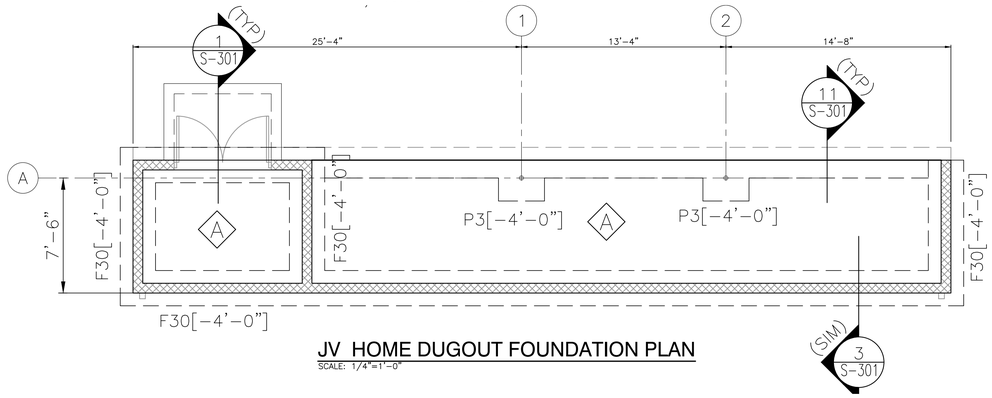

## PRESS BOX FOUNDATION PLAN

SCALE: 1/4"=1'-0"



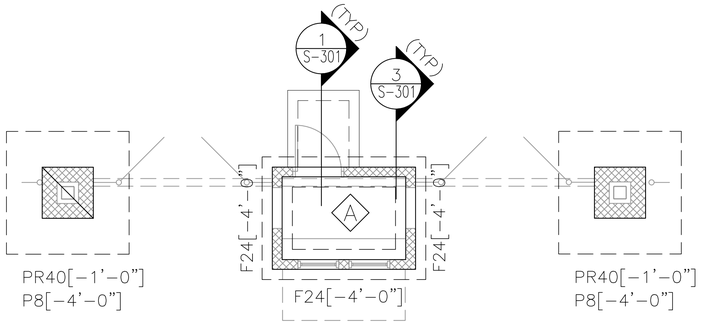

## JV VISITORS DUGOUT FOUNDATION PLAN

SCALE: 1/4"=1'-0"



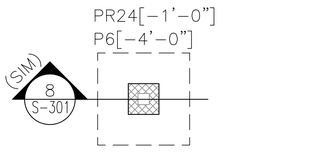

## JV HOME DUGOUT FOUNDATION PLAN

SCALE: 1/4"=1'-0"




## TICKET BOOTH AND ENTRY FOUNDATION PLAN

SCALE: 1/4"=1'-0"

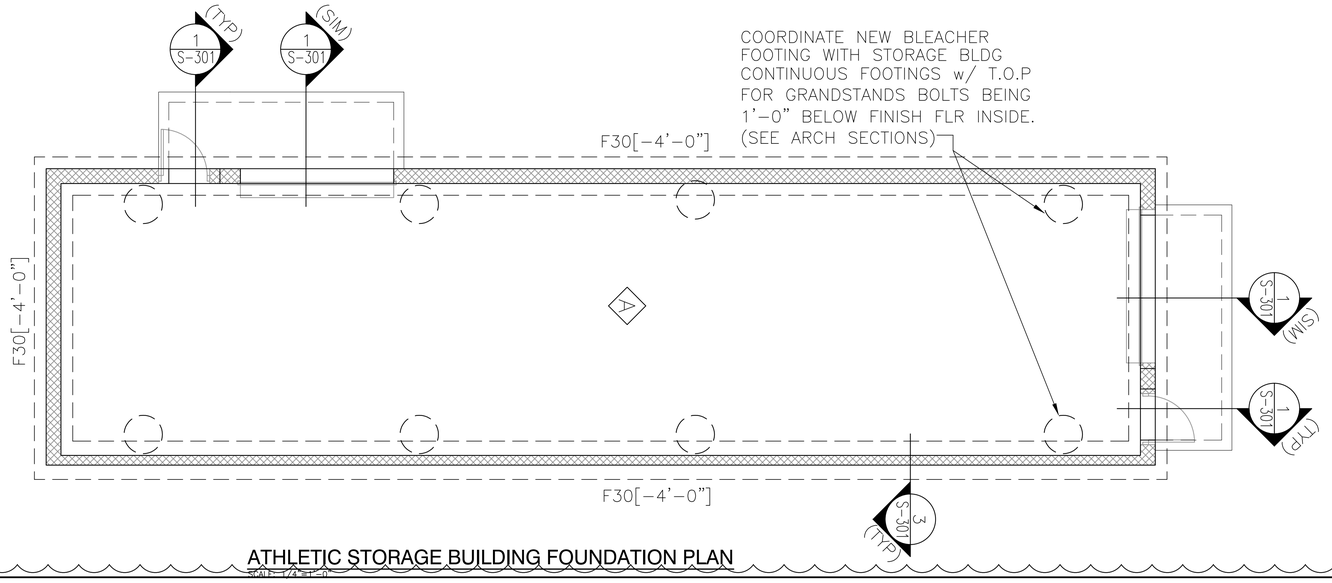



## TYPICAL MASONRY PIER FOOTING

SCALE: 1/4"=1'-0"

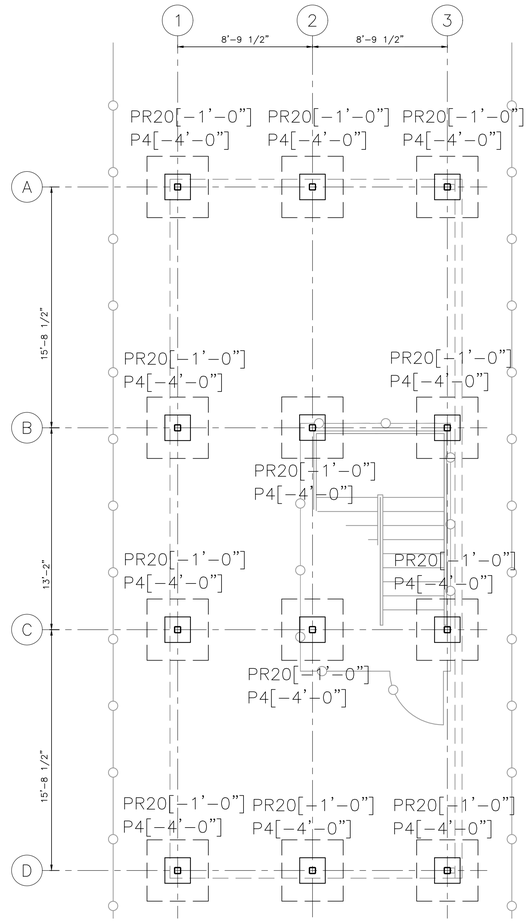
### FOUNDATION/SLAB PLAN NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 100'-0" PER AREA. SEE PLANS AND VERIFY WITH ARCH PLANS FOR ALL DIMENSIONS.
3. SLAB CONTROL AND CONSTRUCTION JOINTS ARE TO BE LAID OUT PER CONTRACTOR PLANNED SEQUENCE OF COMPLETION. (SEE SPECIFICATION)
4. SEE S-301 FOR ADDITIONAL FOUNDATION NOTES AND DETAILS.




## ATHLETIC STORAGE BUILDING FOUNDATION PLAN

SCALE: 1/4"=1'-0"




## TENNIS PLATFORM FOUNDATION PLAN

SCALE: 1/4"=1'-0"

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PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
DATE 09/25/23
COORDINATED BY RM
DRAWN BY RM
CHECKED BY RM JPB

ROGER W. LONG REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
STRUCTURAL SLAB & FOUNDATIONS PLANS

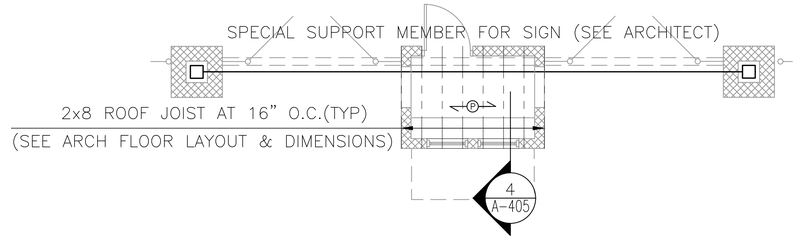
PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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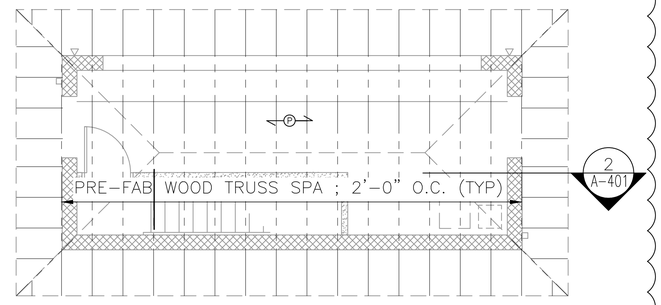
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SB-102-SB

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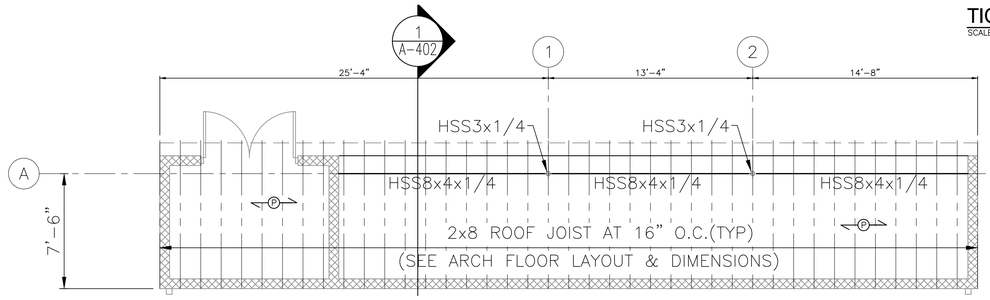
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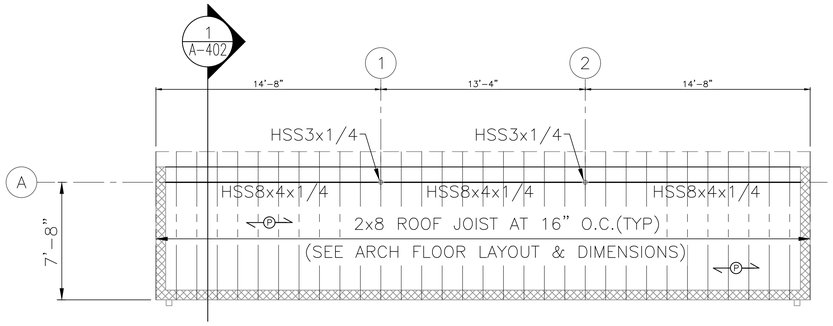

## TICKET BOOTH ROOF AND ARCHWAY FRAMING PLAN
SCALE: 1/4"=1'-0"



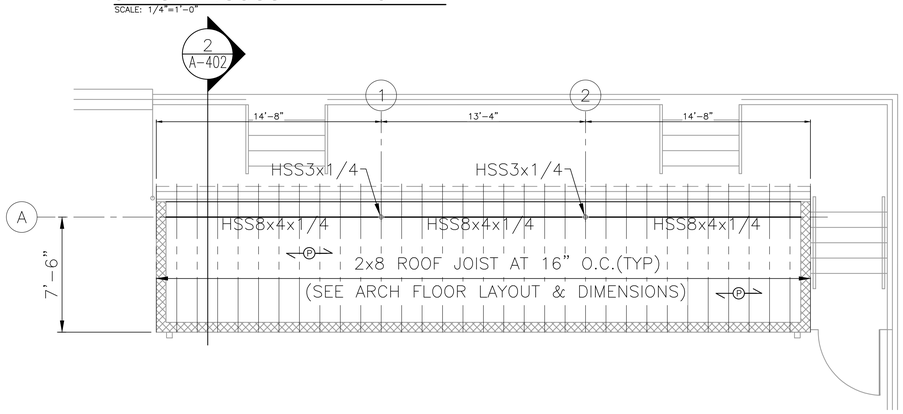

## PRESS BOX ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"




## JV HOME DUGOUT FRAMING PLAN
SCALE: 1/4"=1'-0"



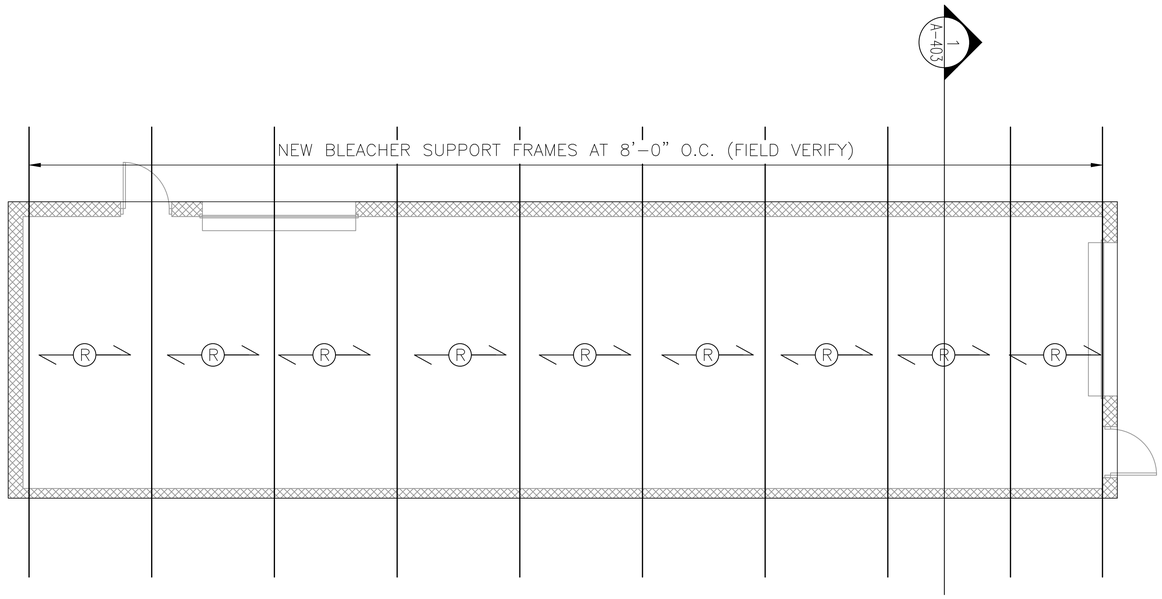

## JV VISITORS DUGOUT FRAMING PLAN
SCALE: 1/4"=1'-0"



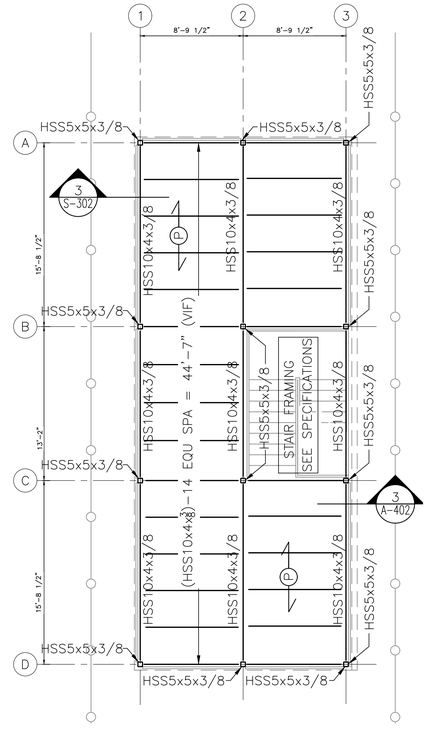

## VARSITY DUGOUT FRAMING PLAN
SCALE: 1/4"=1'-0"

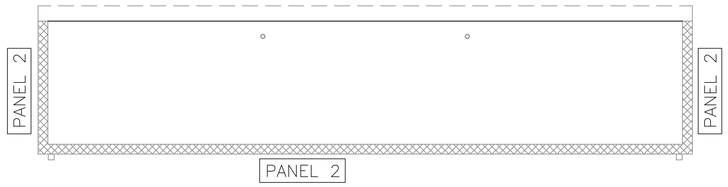
### ROOF FRAMING PLAN NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 100'-0" PER AREA. SEE PLAN AND VERIFY WITH ARCHITECTURAL FLOOR PLANS
3. PRE-FAB TRUSSES ARE TO INSTALLED PER TRUSS MANUFACTURE LAID OUT PER CONTRACTOR PLANNED SEQUENCE OF COMPLETION. (SEE SPECIFICATION)
4. SEE ARCHITECT FOR ALL BUILDING LAYOUT DIMENSIONS.



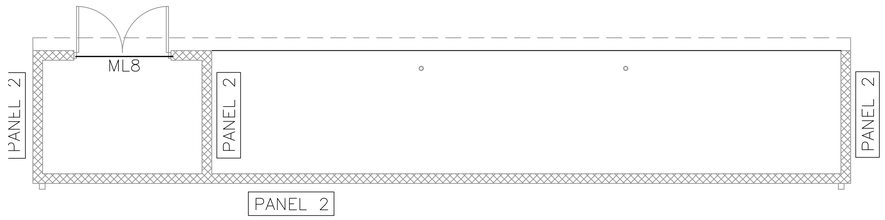

## ATHLETIC STORAGE BUILDING ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"


1
2
3
8'-9 1/2"
8'-9 1/2"
HSS5x5x3/8
A
B
C
D
3
S-302
15'-8 1/2"
HSS10x4x3/8
HSS10x4x3/8
HSS10x4x3/8

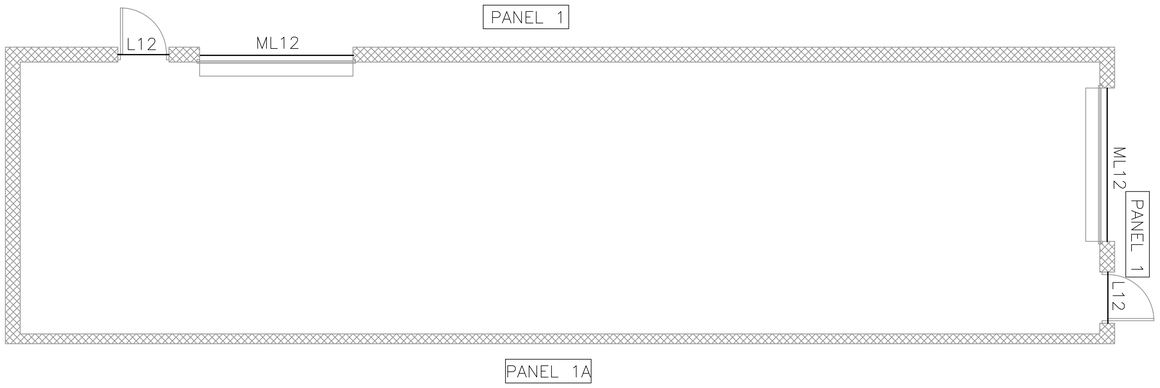



JV VISITORS DUGOUT MASONRY / LINTEL PLAN
SCALE: 1/4"=1'-0"

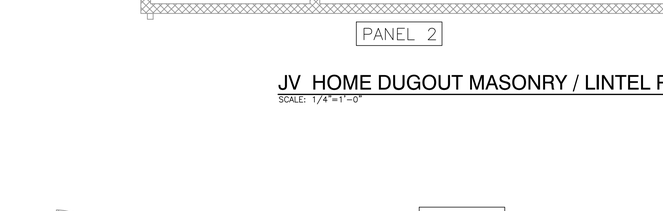
AD-2




JV HOME DUGOUT MASONRY / LINTEL PLAN
SCALE: 1/4"=1'-0"



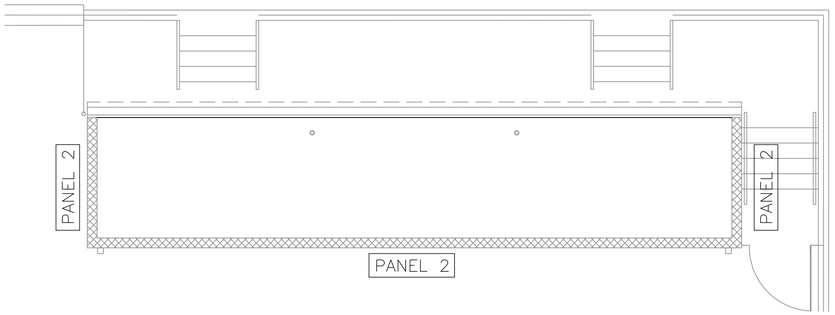

ATHLETIC STORAGE BUILDING MASONRY / LINTEL PLAN
SCALE: 1/4"=1'-0"




TICKET BOOTH AND ENTRY MASONRY / LINTEL PLAN
SCALE: 1/4"=1'-0"



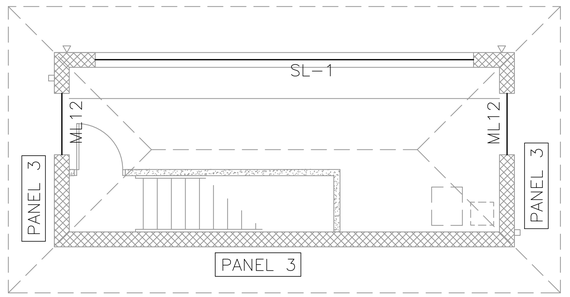

TYPICAL MASONRY PIER PLAN
SCALE: 1/4"=1'-0"



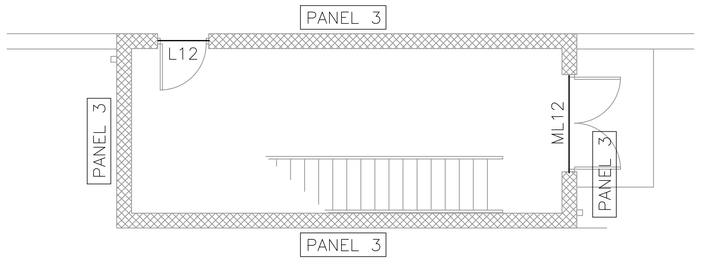

VARSITY DUGOUT MASONRY / LINTEL PLAN
SCALE: 1/4"=1'-0"

## MASONRY PANEL REINFORCING/LINTEL PLAN NOTES

1. SEE DRAWING S-001 FOR NOTES, SCHEDULES AND TYPICAL DETAILS.
2. SEE DRAWING S-001 FOR MASONRY WALL LINTEL DETAILS.
3. SEE DRAWING S-001 FOR MASONRY AND STEEL LINTEL SCHEDULES.
4. VERIFY ALL LINTEL OPENINGS AND ELEVATIONS WITH ARCHITECTURAL PLAN.
5. SL-? INDICATES SPECIAL LINTEL REQUIRED. SEE DRAWING S-001 FOR SPECIAL LINTEL SCHEDULE.
6. PANEL ? INDICATES MASONRY WALL PANEL. SEE DRAWING S-001 FOR MASONRY PANEL SCHEDULE AND REINFORCEMENT REQUIREMENTS.
7. FOR MULTI-SPAN CONTINUOUS LINTELS MAINTAIN 16" MINIMUM CMU BETWEEN OPENINGS UNLESS OTHERWISE NOTED.
8. * INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. COORDINATE SIZE AND LOCATION WITH DIVISION 15.




PRESS BOX UPPER LEVEL MASONRY / LINTEL PLAN
SCALE: 1/4"=1'-0"




PRESS BOX LOWER LEVEL MASONRY / LINTEL PLAN
SCALE: 1/4"=1'-0"

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Phone 317.580.5777 Fax 317.580.5778

PROJECT
# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

PROJECT 23-115
DATE 09/25/23
COORDINATED BY RM
DRAWN BY RM
CHECKED BY RM JPB

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
STRUCTURAL MASONRY & LINTEL PLANS

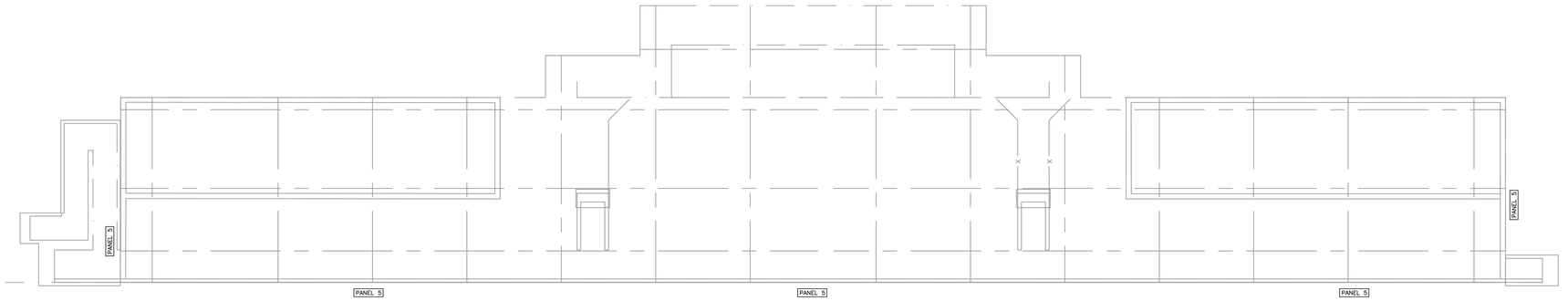
PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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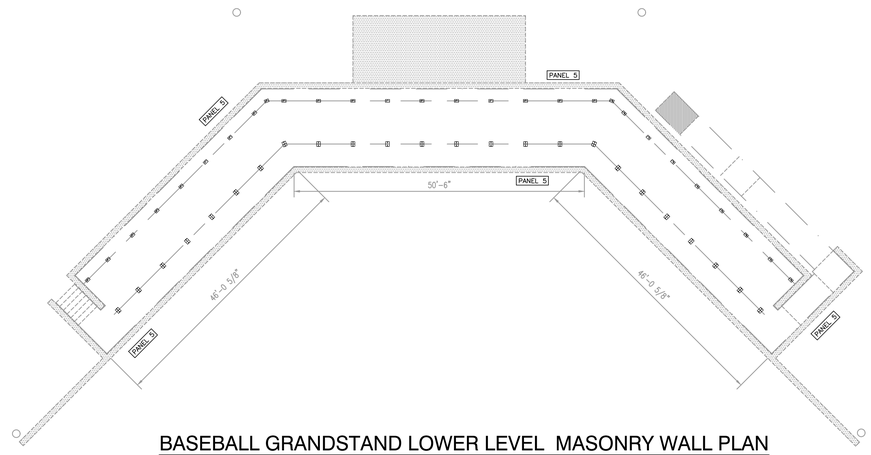
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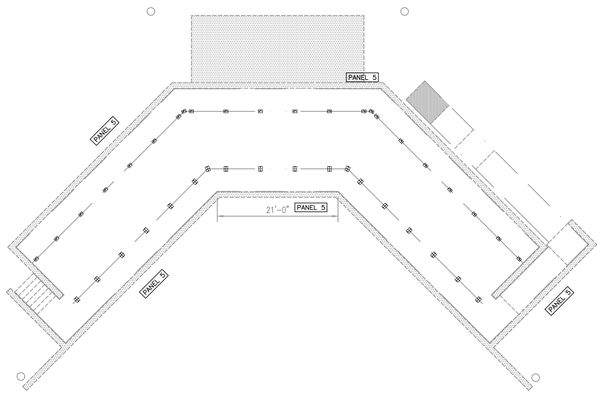

FOOTBALL GRANDSTAND LOWER LEVEL MASONRY WALL PLAN
SCALE: 3/32"=1'-0"

## MASONRY PANEL REINFORCING/LINTEL PLAN NOTES

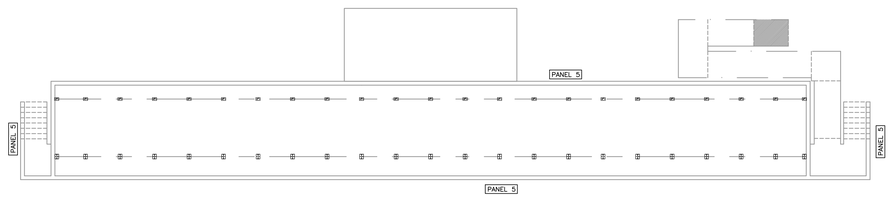
1. SEE DRAWING S-001 FOR NOTES, SCHEDULES AND TYPICAL DETAILS.
2. SEE DRAWING S-001 FOR MASONRY WALL LINTEL DETAILS.
3. SEE DRAWING S-001 FOR MASONRY AND STEEL LINTEL SCHEDULES.
4. VERIFY ALL LINTEL OPENINGS AND ELEVATIONS WITH ARCHITECTURAL PLAN.
5. SL-? INDICATES SPECIAL LINTEL REQUIRED. SEE DRAWING S-001 FOR SPECIAL LINTEL SCHEDULE.
6. PANEL ? INDICATES MASONRY WALL PANEL. SEE DRAWING S-001 FOR MASONRY PANEL SCHEDULE AND REINFORCEMENT REQUIREMENTS.
7. FOR MULTI-SPAN CONTINUOUS LINTELS MAINTAIN 16" MINIMUM CMU BETWEEN OPENINGS UNLESS OTHERWISE NOTED.
8. * INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. COORDINATE SIZE AND LOCATION WITH DIVISION 15.




BASEBALL GRANDSTAND LOWER LEVEL MASONRY WALL PLAN
SCALE: 3/32"=1'-0"




SOFTBALL GRANDSTAND LOWER LEVEL MASONRY WALL PLAN
SCALE: 3/32"=1'-0"




SOCCER GRANDSTAND LOWER LEVEL MASONRY WALL PLAN
SCALE: 3/32"=1'-0"

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PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
DATE 09/25/23
COORDINATED BY RM
DRAWN BY RM
CHECKED BY RM JPB

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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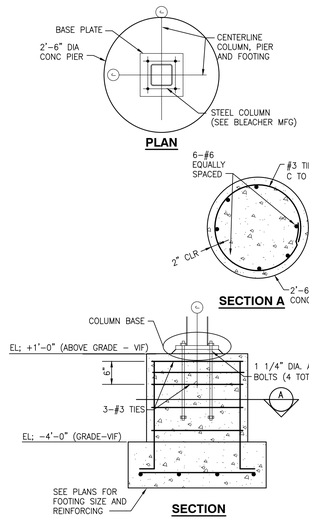
| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
STRUCTURAL MASONRY & LINTEL PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SL-102-SB

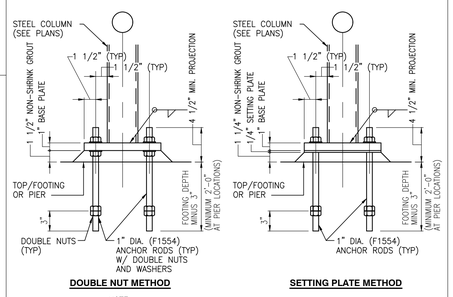
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## BLEACHER PIER SECTION AND REINFORCEMENT

SCALE: NTS

9 / S-301

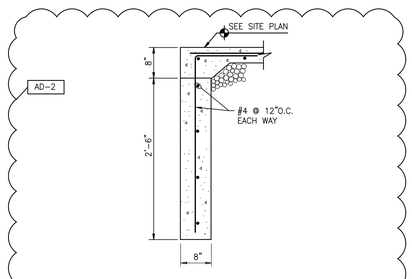



NOTE:
COAT WITH TAR ALL STEEL EXPOSED FROM TOP OF PIER/PAD TO FINISHED FLOOR LINE

## TYPICAL COLUMN BASE

SCALE: NTS

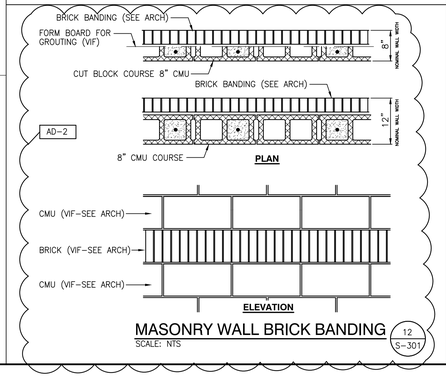
10 / S-301




## CONCRETE RETAINING WALL

SCALE: 3/4" = 1'-0"

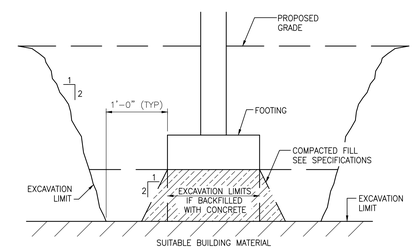
11 / S-301




## MASONRY WALL BRICK BANDING

SCALE: NTS

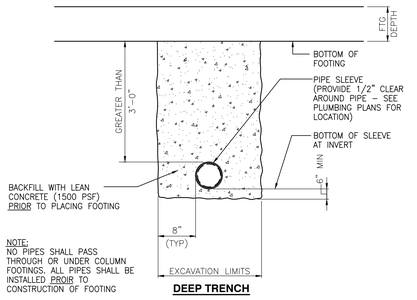
12 / S-301




## TYPICAL UNDERCUTTING DETAIL

SCALE: 3/4" = 1'-0"

5 / S-301

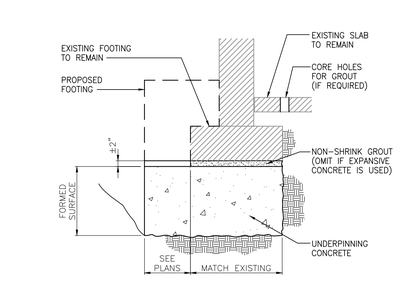



NOTE:
NO PIPES SHALL PASS THROUGH OR UNDER COLUMN FOOTINGS. ALL PIPES SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF FOOTING

## TYPICAL PIPE BACKFILL AT FOOTING

SCALE: 3/4" = 1'-0"

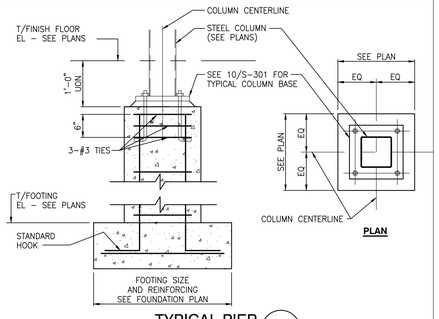
6 / S-301




## FOUNDATION UNDERPINNING

SCALE: 3/4" = 1'-0"

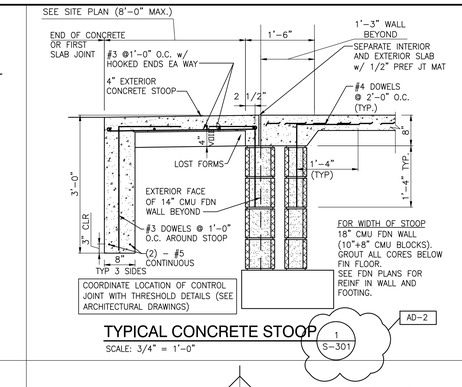
7 / S-301




## TYPICAL PIER

SCALE: 3/4" = 1'-0"

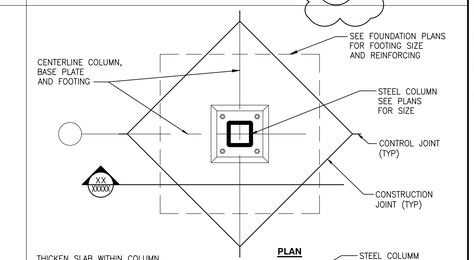
8 / S-301




## TYPICAL CONCRETE STOOP

SCALE: 3/4" = 1'-0"

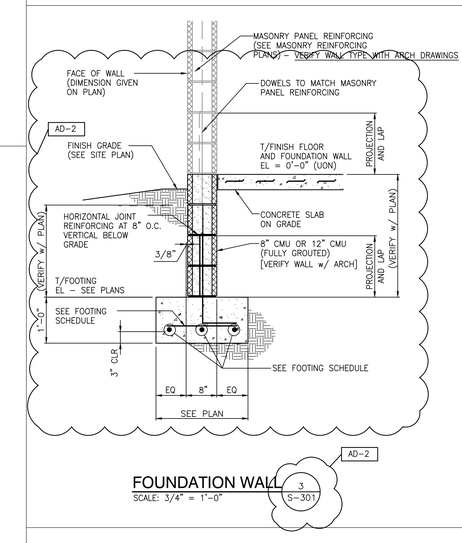
1 / S-301




## TYPICAL ISOLATED FOOTING

SCALE: NTS

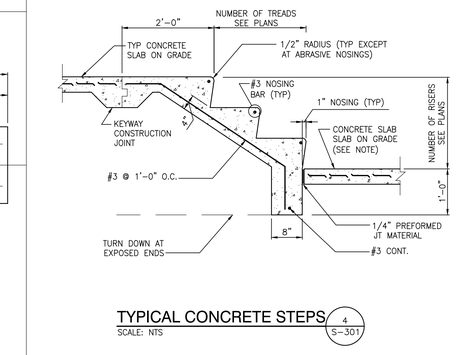
2 / S-301




## FOUNDATION WALL

SCALE: 3/4" = 1'-0"

3 / S-301




## TYPICAL CONCRETE STEPS

SCALE: NTS

4 / S-301

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
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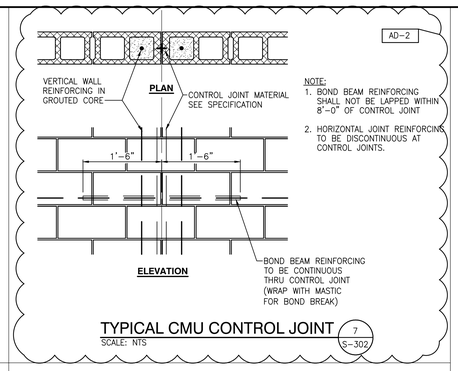
DRAWING
SITE BUILDINGS STRUCTURAL SECTIONS AND DETAILS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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S-301-SB

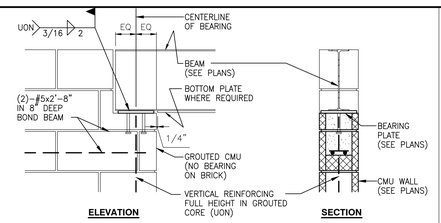
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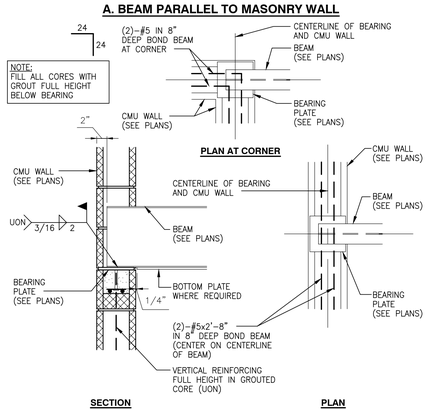

## TYPICAL CMU CONTROL JOINT

SCALE: NTS

7 / S-302




## A. BEAM PARALLEL TO MASONRY WALL

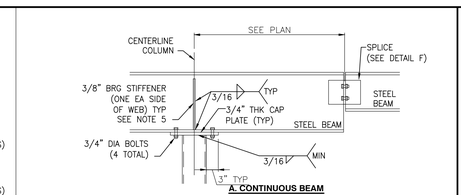



## B. BEAM PERPENDICULAR TO MASONRY WALL

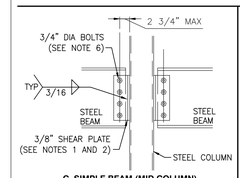
## BEAM BEARING ON MASONRY

SCALE: 1" = 1'-0"

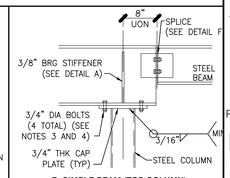
4 / S-302



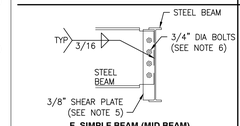

**A. CONTINUOUS BEAM**



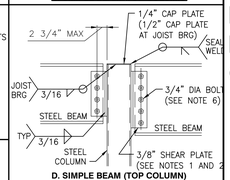

**C. SIMPLE BEAM (MID COLUMN)**




**B. SIMPLE BEAM (TOP COLUMN)**




**E. SIMPLE BEAM (MID BEAM)**



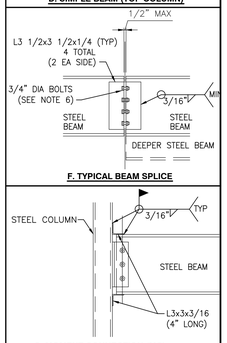

**D. SIMPLE BEAM (TOP COLUMN)**

**NOTES:**

1. WT-SHAPE (WELD ALL AROUND PER STRUCTURAL WELDING CODE, AWS D1.1)

   HSS4-WT4x6.5 — HSS8-WT4x14
   HSS6-WT4x6.5 — HSS10-WT5x22.5
   HSS7-WT4x10.5 — HSS12-WT6x26.5

2. SHEAR PLATES WELDED TO FACE OF COLUMN MAY BE USED IN LIEU OF WT FOR COLUMNS WITH WALL THICKNESS' OF 1/2" OR GREATER. SHEAR PLATES TO BE 5/8" THICK FOR W27 BEAMS AND LARGER.
3. EXTEND DEEPER BEAM OVER TOP OF COLUMNS AND FRAME OTHER MEMBERS INTO IT UNLESS OTHERWISE NOTED.
4. AT CORNERS OR END WALLS USE 2 BOLTS AND EXTEND BEAM AND CAP PLATE 1/2" BEYOND EXTERIOR FACE OF COLUMN.
5. SHEAR PLATES WELDED TO WEB OF BEAM TO BE 5/8" THICK FOR W27 BEAMS AND LARGER.
6. DESIGN CONNECTIONS IN ACCORDANCE WITH AISC FOR REACTIONS INDICATED ON PLANS UNLESS OTHERWISE NOTED. WHERE REACTIONS ARE NOT SHOWN, THE CONNECTION SHALL BE DESIGNED FOR THE 50% OF THE TOTAL ALLOWABLE UNIFORM LOAD ON THE SPAN PER THE LATEST EDITION OF THE ASIC MANUAL.
7. DOUBLE ANGLES MAY BE USED IN LIEU OF WT AND SHEAR PLATES. (MINIMUM THICKNESS OF ANGLES SHALL BE 1/4" AND OUTSTANDING LEG SHALL BE 3 1/2" MINIMUM).




**F. TYPICAL BEAM SPLICE**




**G. MOMENT CONNECTION (MC)**

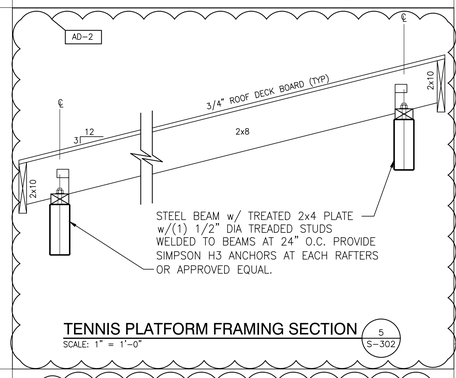
BEAM CONT AT COLUMN (DETAIL A)
TYP BEAM AT COLUMN (DETAIL B)
BEAM TO SIDE OF COLUMN (DETAIL C OR D)
BEAM / COLUMN MOMENT (DETAIL G)

**PLAN LEGEND**

## TYPICAL STEEL FRAMING DETAILS

SCALE: NTS

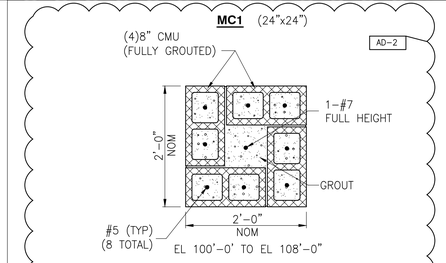
1 / S-302




## TENNIS PLATFORM FRAMING SECTION

SCALE: 1" = 1'-0"

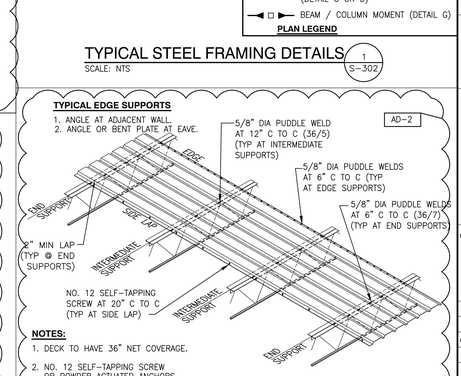
5 / S-302




## CMU COLUMNS (MC)

SCALE: 3/4" = 1'-0"

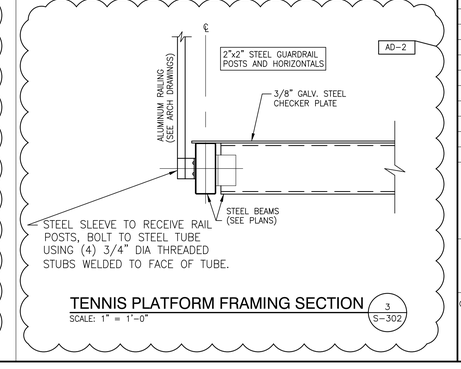
6 / S-302




## TYPICAL ROOF DECK ATTACHMENT

SCALE: NTS

2 / S-302




## TENNIS PLATFORM FRAMING SECTION

SCALE: 1" = 1'-0"

3 / S-302

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PROJECT
# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
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DRAWING
SITE BUILDINGS STRUCTURAL SECTIONS AND DETAILS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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VARSITY BASEBALL

VARSITY DUGOUT REFER TO A-101

VARSITY BASEBALL PRESS BOX REFER TO A-101

VARSITY DUGOUT REFER TO A-101

VARSITY BASEBALL PRESS BOX REFER TO A-101

JV VISITOR DUGOUT REFER TO A-101

JV HOME DUGOUT REFER TO A-101

BULLPEN

BULLPEN

JV BASEBALL

NORTHSTAR BUILDING REFER TO NS DRAWING SET

FIELD VERIFY ALL PIER LOCATIONS AND ORNAMENTAL FENCE LENGTHS

MASONRY PIER TYP REFER TO A-102

29.6' 29.6' 29.6' 29.6'

MASONRY PIER TYP REFER TO A-102

22.3' 23.3'

TICKET BOOTH, MASONRY PIERS, AND ARCH REFER TO A-102

VISITOR FOOTBALL BLEACHERS REFER TO A-103

VARSITY SOFTBALL

VARSITY DUGOUT REFER TO A-101

VARSITY SOFTBALL GRANDSTANDS REFER TO A-104

VARSITY DUGOUT REFER TO A-101

VARSITY SOFTBALL PRESS BOX REFER TO A-101

JV HOME DUGOUT REFER TO A-101

JV SOFTBALL

MASONRY PIER TYP REFER TO A-102

JV VISITOR DUGOUT REFER TO A-101

TICKET BOOTH, MASONRY PIERS, AND ARCH REFER TO A-102

FIELD VERIFY ALL PIER LOCATIONS AND ORNAMENTAL FENCE LENGTHS

22.1' 21.1' 22.1'

MASONRY PIER TYP REFER TO A-102

YARD SIGN REFER TO A-105-SB

AD-2

LOWELL

LOWELL

ATHLETIC STORAGE BUILDING REFER TO A-102 AND A-103

HOME FOOTBALL GRANDSTANDS REFER TO A-103

FIELD VERIFY ALL PIER LOCATIONS AND ORNAMENTAL FENCE LENGTHS

29.2'

29.8'

TICKET BOOTH, MASONRY PIERS, AND ARCH REFER TO A-102

SOCCER PRESS BOX REFER TO A-101

AD-2

ATHLETIC STORAGE BUILDING REFER TO A-102 AND A-103

COMMUNITY BUILDING REFER TO CB DRAWING SET

SOCCER GRANDSTANDS REFER TO A-103

MASONRY PIER TYP REFER TO A-102

TENNIS PLATFORM REFER TO A-102

SOCCER

LOCK POST

SOLID YELLOW LINE

CONC. CURB

CONC. CURB

EDGE OF ASPHALT

SOLID WHITE LINE

CONC. CURB

MAINTENANCE BUILDING REFER TO MB DRAWING SET

EDGE OF ASPHALT

25 PARKING SPACES

# ARCHITECTURAL SITE PLAN

0 20' 40' 80'

SCALE: 1" = 40'

NORTH

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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PROJECT 23-115

DATE 09/25/23

COORDINATED BY DTB JPB

DRAWN BY DTB

CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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DRAWING

SITE BUILDINGS - ARCHITECTURAL SITE PLAN

PROJECT

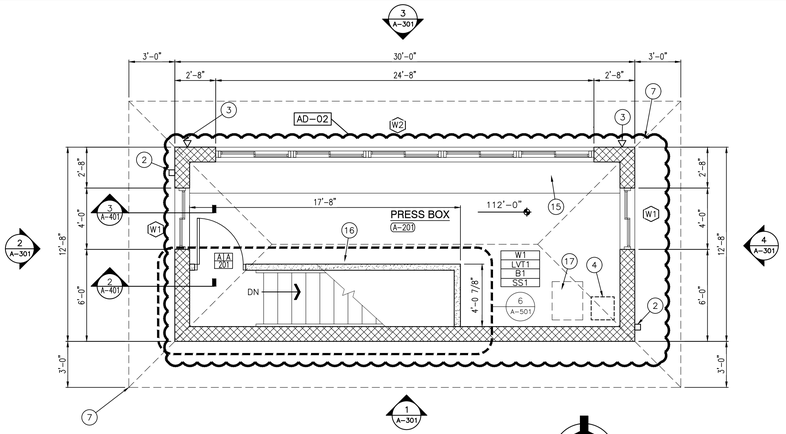
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SHEET

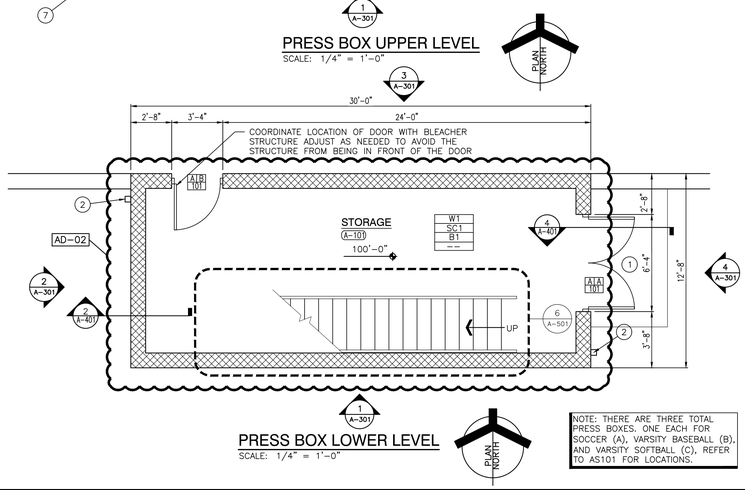
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## PRESS BOX UPPER LEVEL

SCALE: 1/4" = 1'-0"




## PRESS BOX LOWER LEVEL

SCALE: 1/4" = 1'-0"

NOTE: THERE ARE THREE TOTAL PRESS BOXES. ONE EACH FOR SOCCER (A), VARSITY BASEBALL (B), AND VARSITY SOFTBALL (C). REFER TO AS101 FOR LOCATIONS.

## GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

## PLAN LEGEND:

INDICATES CASEWORK ELEVATION SYMBOL – REFER TO A-501 FOR ELEVATIONS.

| | |
|---|---|
| P1 | WALL FINISH |
| C1 | FLOOR FINISH |
| B1 | BASE FINISH |
| -- | MISC FINISH INFORMATION |

## PLAN NOTES:

1. CONCRETE STOOP.
2. 4" X 4" ALUMINUM DOWNSPOUT AND BOOT, VERIFY SIZE, CONNECT INTO STORM SEWER.
3. SPEAKERS, REFER TO TECHNOLOGY DRAWINGS.
4. SOUND SYSTEM, REFER TO TECHNOLOGY DRAWINGS.
5. METAL GUARDRAIL/HANDRAIL.
6. METAL STAIR.
7. LINE OF ROOF ABOVE.
8. STEEL COLUMN REFER TO STRUCTURAL.
9. PLAYERS BENCH.
10. 2' TALL BLACK VINYL COATED CHAIN LINK FENCE, REFER TO CIVIL.
11. 4' TALL BLACK VINYL COATED CHAIN LINK FENCE, REFER TO CIVIL.
12. CONCRETE STAIR REFER TO STRUCTURAL.
13. METAL HANDRAIL.
14. 4' GATE.
15. 24" DEEP SOLID SURFACE COUNTER WITH METAL SUPPORTS.
16. 3 5/8" METAL STUD WALL WITH 5/8" GYPSUM BOARD ON BOTH SIDES.
17. 24"X30" ATTIC ACCESS. — 11 / A-501

## ROOM FINISHES:

W1 (WALL COATING), SHERWIN WILLIAMS, ESSENTIAL GRAY SW6002

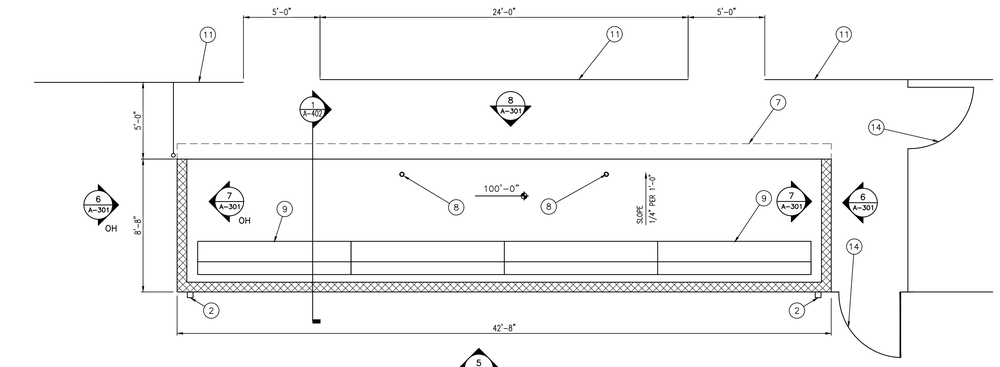
P1 (PAINT), SHERWIN WILLIAMS, CEILING BRIGHT WHITE 7007.

SC1 (SEALED CONCRETE), REFER TO CONCRETE SPECIFICATIONS FOR SEALER AND FINISH.

LVT1 (LUXURY VINYL TILE), TARKETT, ID LATITUDE, PLST LATITUDE STONE, 7242 HEARTHSTONE

VB1 (VINYL BASE), TARKETT/JOHNSONITE, TRADITIONAL VINYL, 4" COVE, CHARCOAL #20.

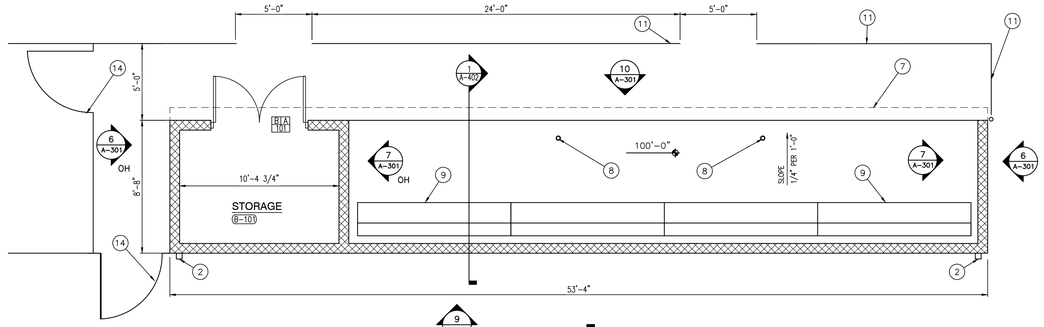
SS1 (SOLID SURFACE), CORIAN, NEUTRAL AGGREGATE.




## JV VISITOR DUGOUT PLAN

SCALE: 1/4" = 1'-0"

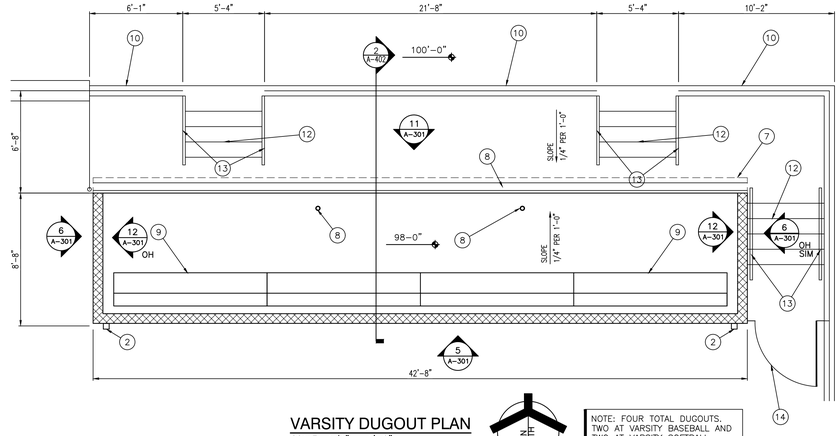
NOTE: TWO TOTAL DUGOUTS. ONE AT JV BASEBALL AND ONE AT JV SOFTBALL. REFER TO AS101 FOR LOCATIONS




## JV HOME DUGOUT PLAN

SCALE: 1/4" = 1'-0"

NOTE: TWO TOTAL DUGOUTS. ONE AT JV BASEBALL (A) AND ONE AT JV SOFTBALL (B). REFER TO AS101 FOR LOCATIONS




## VARSITY DUGOUT PLAN

SCALE: 1/4" = 1'-0"

NOTE: FOUR TOTAL DUGOUTS. TWO AT VARSITY BASEBALL AND TWO AT VARSITY SOFTBALL. REFER TO AS101 FOR LOCATIONS

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

SITE BUILDINGS - MASONRY PRESS BOX AND DUGOUT PLANS

PROJECT

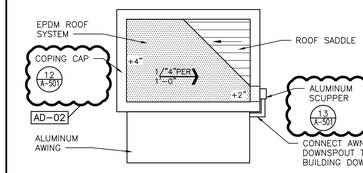
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET

A-101-SB

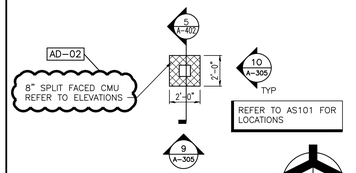

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Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-101-SB.DWG




## TICKET BOOTH ROOF PLAN

SCALE: 1/4" = 1'-0"

PLAN NORTH

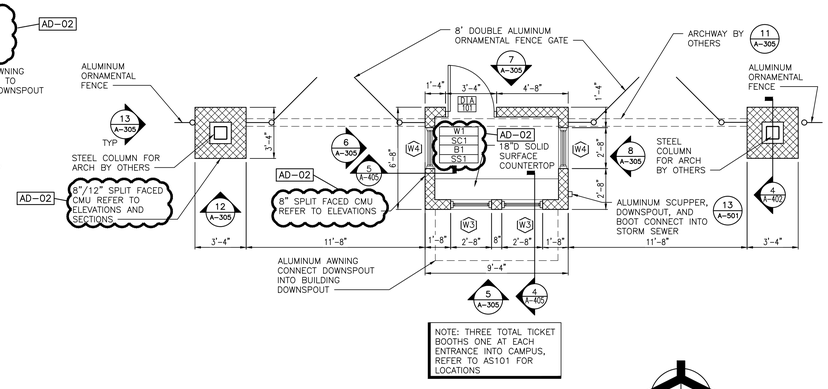



REFER TO AS101 FOR LOCATIONS

## TYP MASONRY PIER

SCALE: 1/4" = 1'-0"

PLAN NORTH




NOTE: THREE TOTAL TICKET BOOTHS ONE AT EACH ENTRANCE INTO CAMPUS, REFER TO AS101 FOR LOCATIONS

## TYP TICKET BOOTH AND ENTRY

SCALE: 1/4" = 1'-0"

PLAN NORTH




## TENNIS PLATFORM FLOOR PLAN

SCALE: 1/4" = 1'-0"

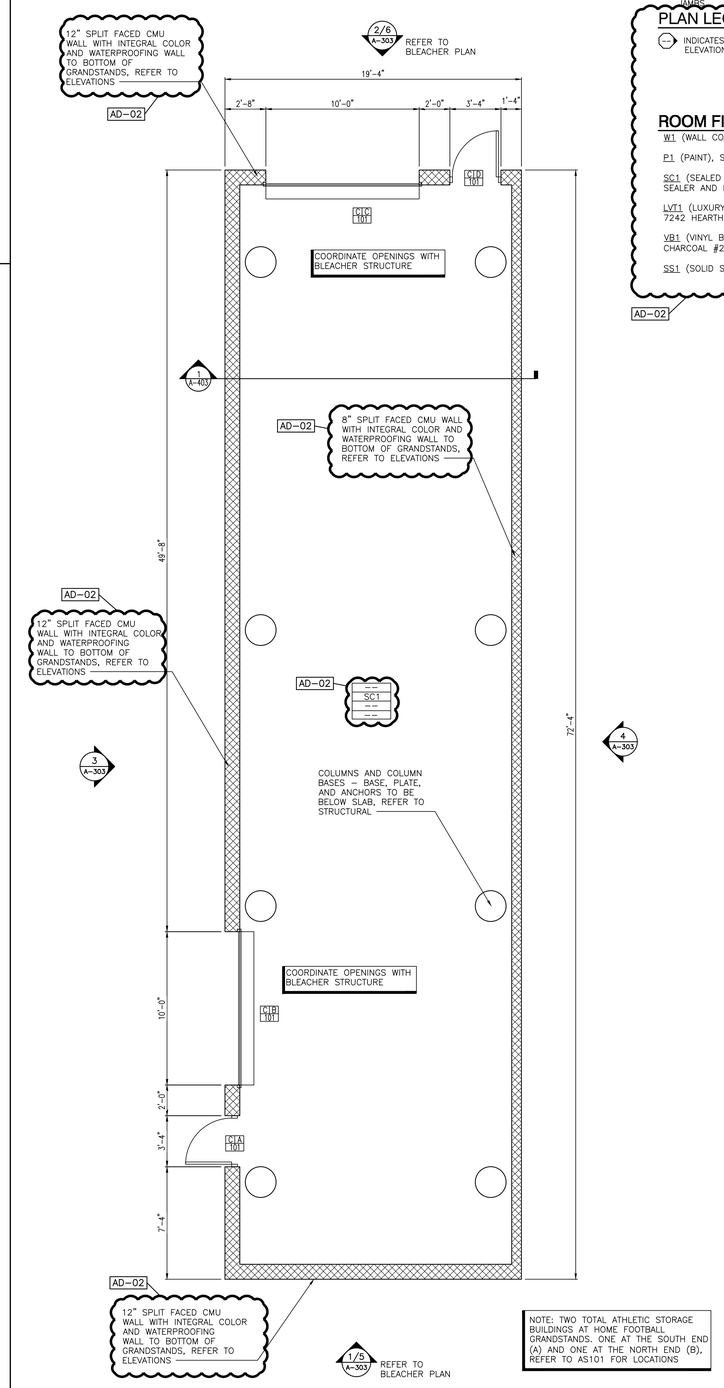
PLAN NORTH




## TENNIS PLATFORM GROUND LEVEL PLAN

SCALE: 1/4" = 1'-0"

PLAN NORTH




NOTE: TWO TOTAL ATHLETIC STORAGE BUILDINGS AT HOME FOOTBALL GRANDSTANDS. ONE AT THE SOUTH END (A) AND ONE AT THE NORTH END (B), REFER TO AS101 FOR LOCATIONS

## ATHLETIC STORAGE

SCALE: 1/4" = 1'-0"

PLAN NORTH

## GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

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H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

## PLAN LEGEND:




INDICATES CASEWORK ELEVATION SYMBOL – REFER TO A-501 FOR ELEVATIONS.

| | |
|---|---|
| P1 | WALL FINISH |
| C1 | FLOOR FINISH |
| B1 | BASE FINISH |
| -- | MISC FINISH INFORMATION |

## ROOM FINISHES:

W1 (WALL COATING), SHERWIN WILLIAMS, ESSENTIAL GRAY SW6002

P1 (PAINT), SHERWIN WILLIAMS, CEILING BRIGHT WHITE 7007.

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SS1 (SOLID SURFACE), CORIAN, NEUTRAL AGGREGATE.

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
SITE BUILDINGS - ATHLETIC STORAGE BUILDINGS, TENNIS PLATFORM, AND TICKET BOOTH PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-102-SB

Tuesday, 10/17/2023 - 5:35 PM - LAST SAVED BY:DBURNS
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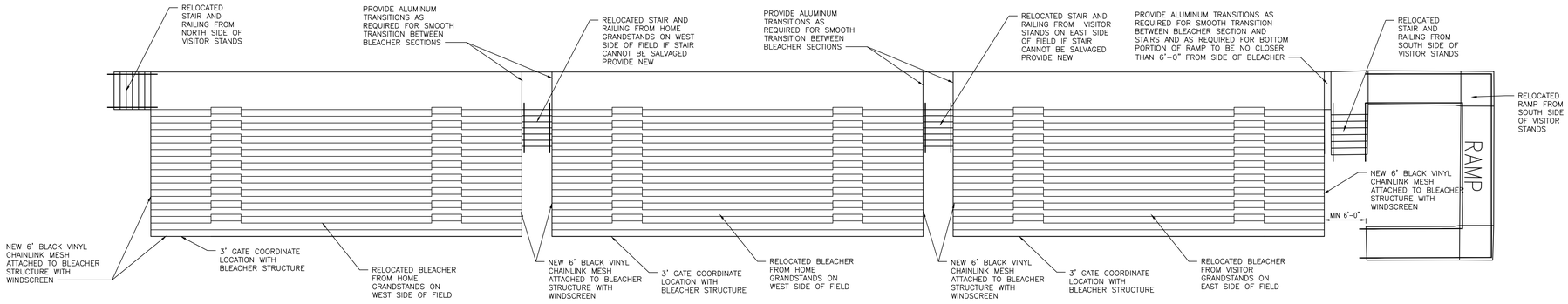
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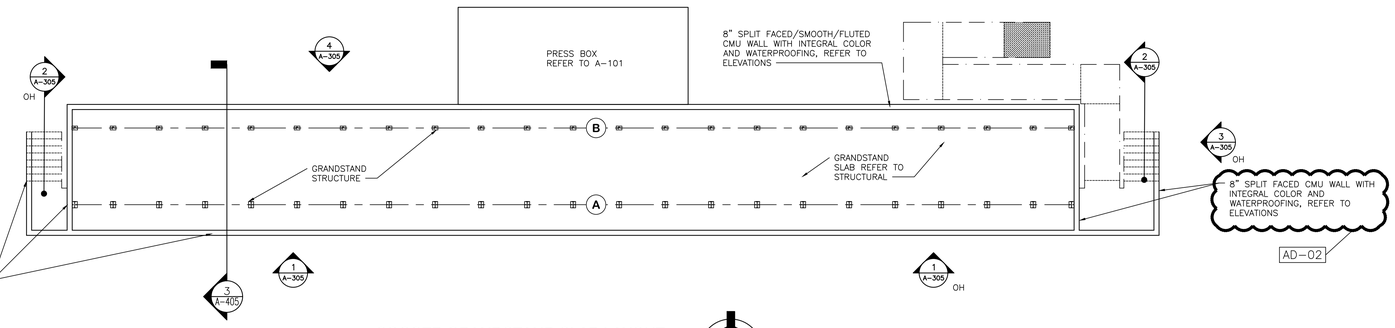



## VISITOR FOOTBALL GRANDSTAND LAYOUT

SCALE: 1/8" = 1'-0"

PLAN NORTH

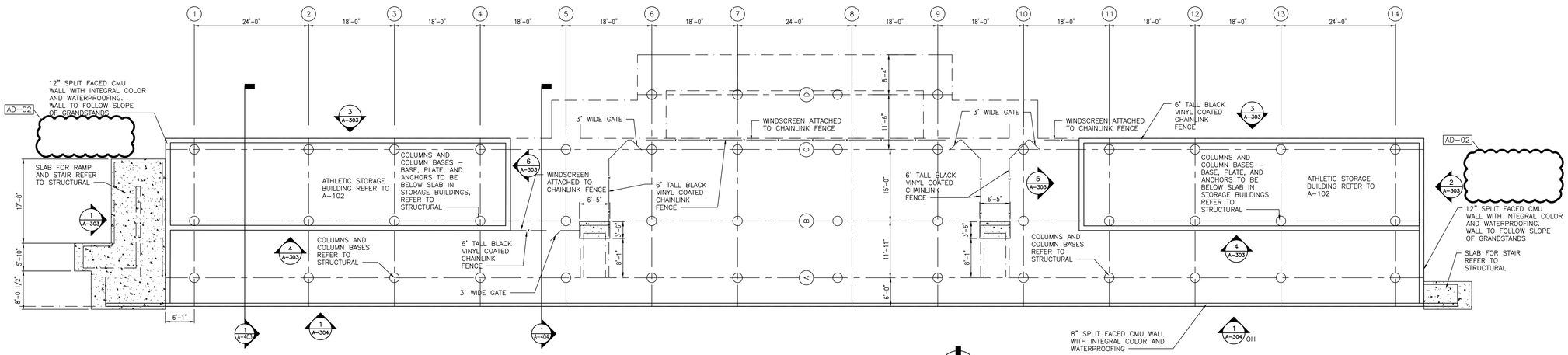
NOTE: ALL EXISTING GALVANISED CHAINLINK MESH ON BLEACHERS, RAMPS, STAIRS, ETC. TO BE REMOVED AND REPLACED WITH NEW BLACK VINYL CHAINLINK MESH, ALL POSTS AND RAILS TO BE PAINTED BLACK TO MATCH




## SOCCER GRANDSTAND SLAB LAYOUT

SCALE: 1/8" = 1'-0"

PLAN NORTH




## FOOTBALL GRANDSTANDS GROUND LEVEL PLAN

SCALE: 1" = 10'

PLAN NORTH


GIBRALTAR DESIGN
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Phone 317.580.5777 Fax 317.580.5778


PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

SITE BUILDINGS - FOOTBALL AND SOCCER GRANDSTAND PLANS

PROJECT

LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET

A-103-SB


Tuesday, 10/17/2023 - 5:27 PM - LAST SAVED BY:KWESLEY
Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\24-XXX DRAWINGS\05 ARCH\A-103-SB.DWG

## GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

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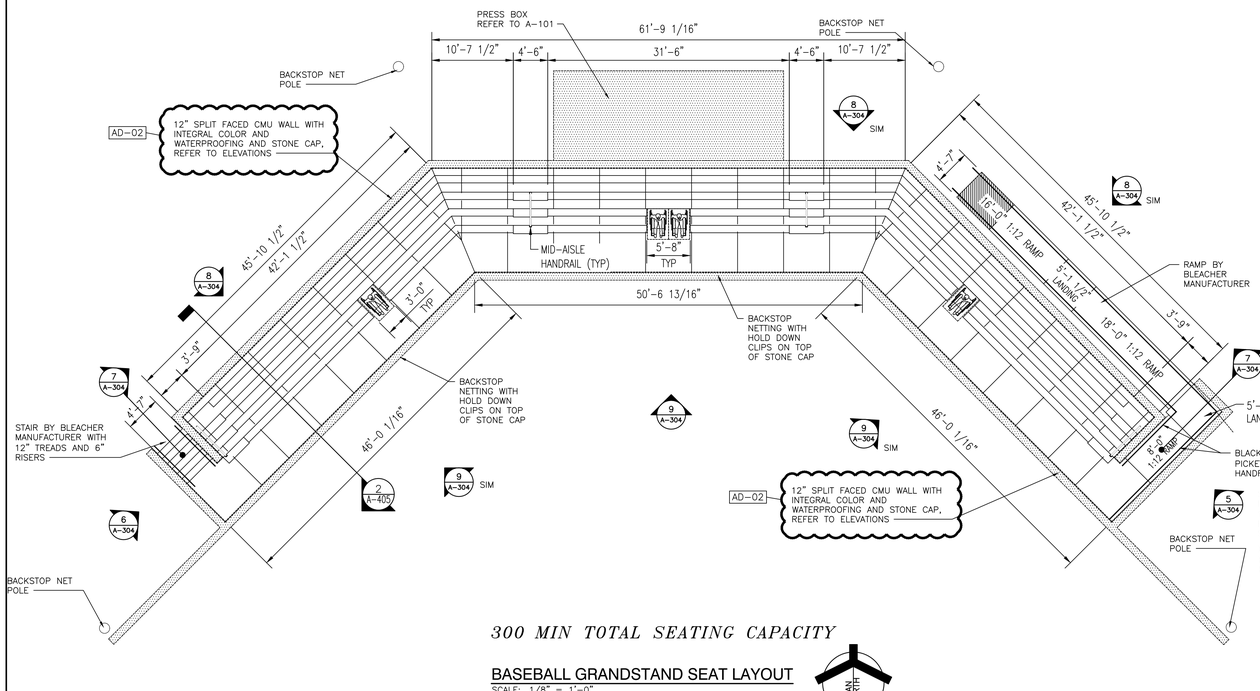
D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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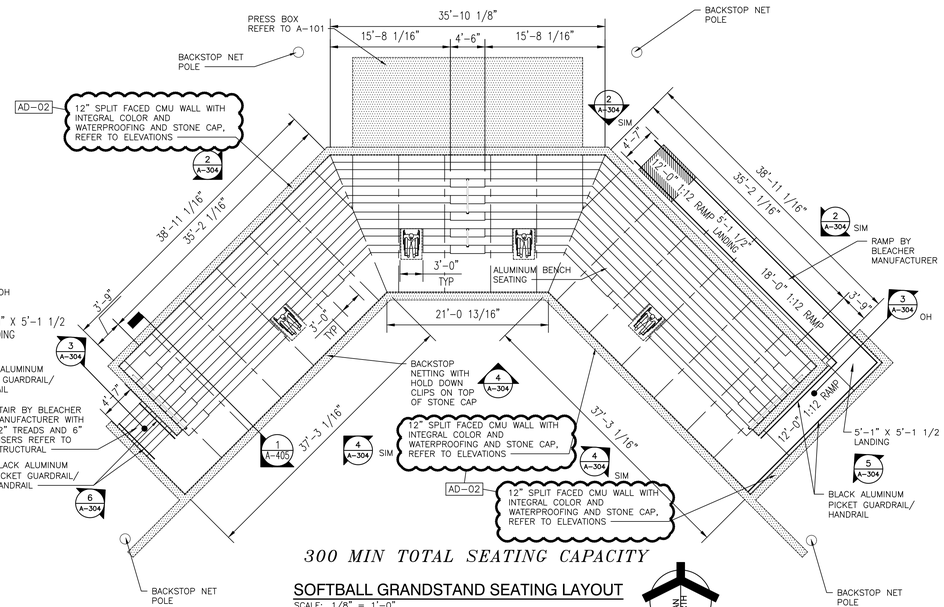
H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.




*300 MIN TOTAL SEATING CAPACITY*

## BASEBALL GRANDSTAND SEAT LAYOUT

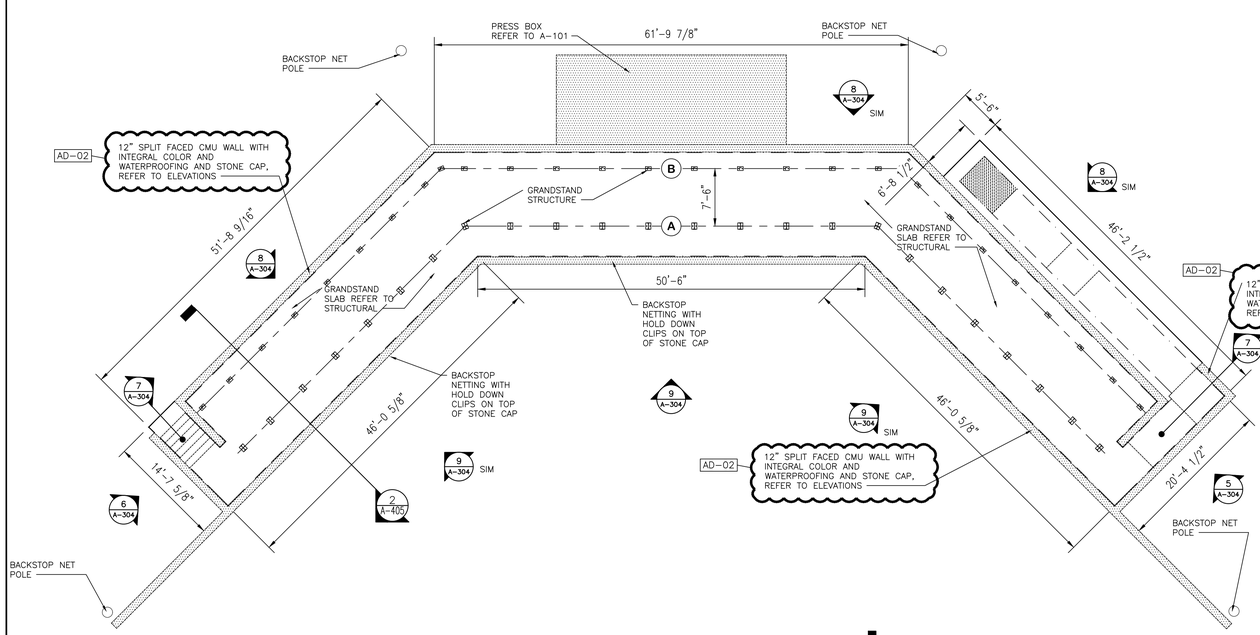
SCALE: 1/8" = 1'-0"




*300 MIN TOTAL SEATING CAPACITY*

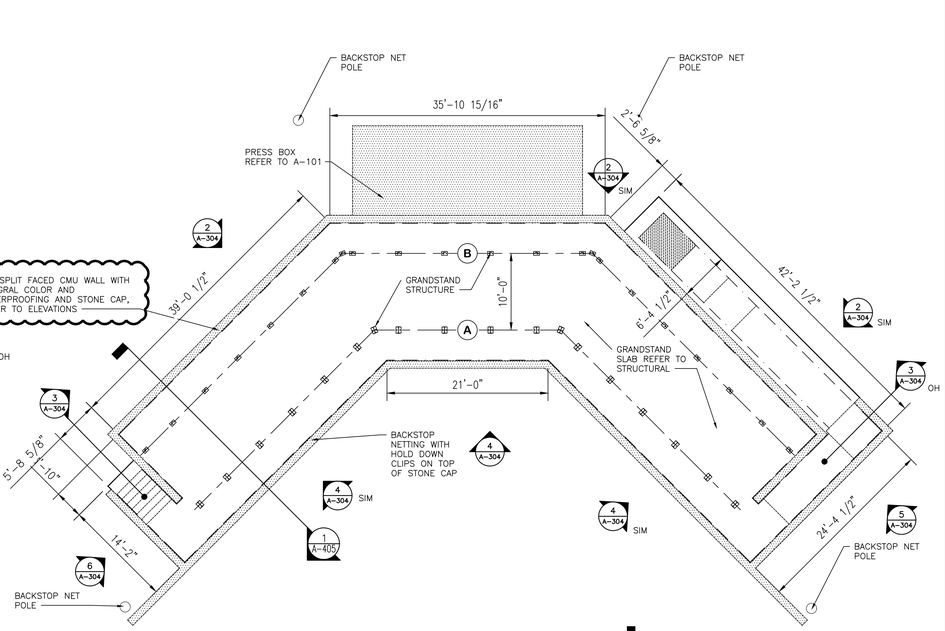
## SOFTBALL GRANDSTAND SEATING LAYOUT

SCALE: 1/8" = 1'-0"




## BASEBALL GRANDSTAND SLAB LAYOUT

SCALE: 1/8" = 1'-0"




## SOFTBALL GRANDSTAND SLAB LAYOUT

SCALE: 1/8" = 1'-0"


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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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REVISIONS

| MARK | DATE | ISSUED FOR |
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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

SITE BUILDINGS - VARSITY BASEBALL AND SOFTBALL GRANDSTAND PLANS

PROJECT

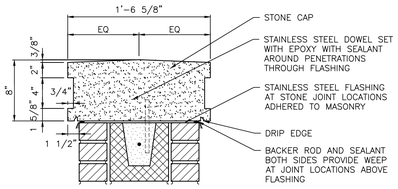
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET

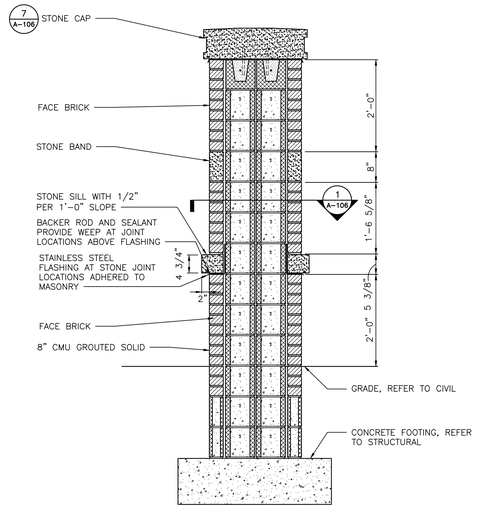
A-104-SB


Tuesday, 10/17/2023 - 5:27 PM - LAST SAVED BY:NWESLEY
Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-104-SB.DWG



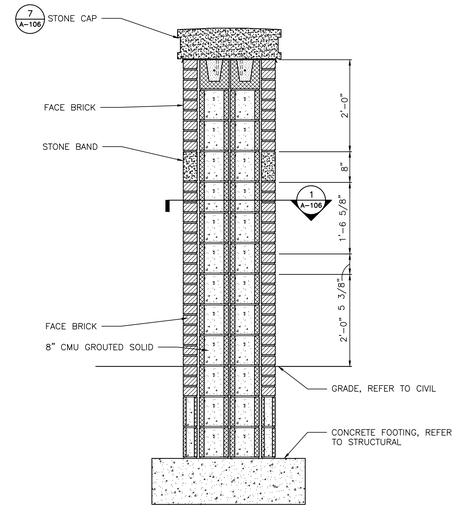

## STONE CAP DETAIL
SCALE: 3/4" = 1'-0"

8 / A-106



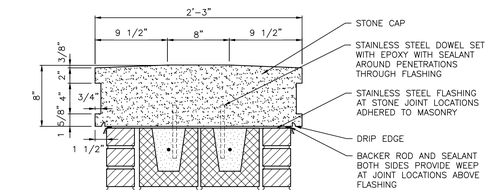

## SIGN SECTION
SCALE: 3/4" = 1'-0"

5 / A-106



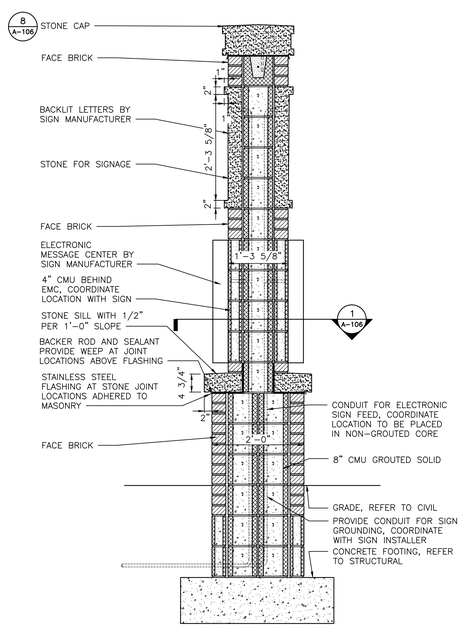

## SIGN SECTION
SCALE: 3/4" = 1'-0"

4 / A-106



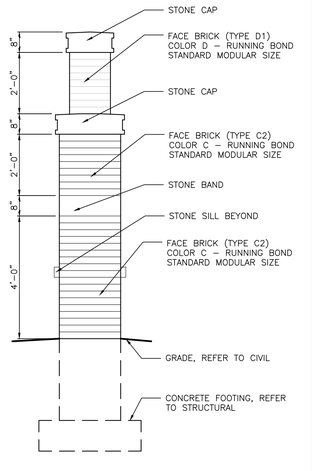

## STONE CAP DETAIL
SCALE: 3/4" = 1'-0"

7 / A-106



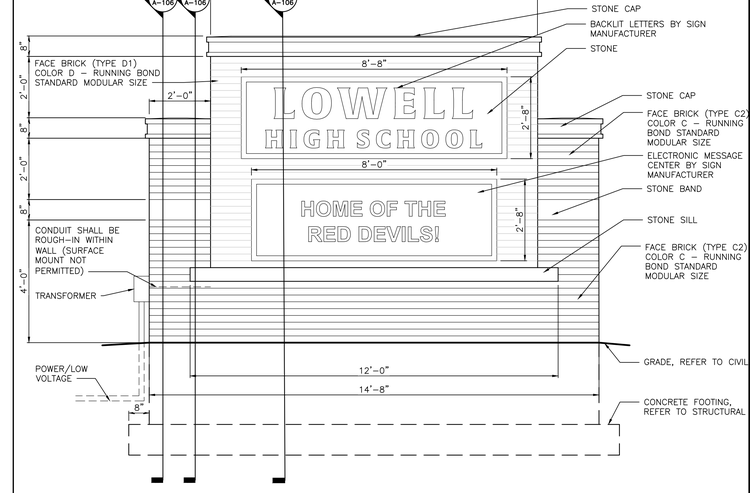

## SIGN SECTION
SCALE: 3/4" = 1'-0"

6 / A-106



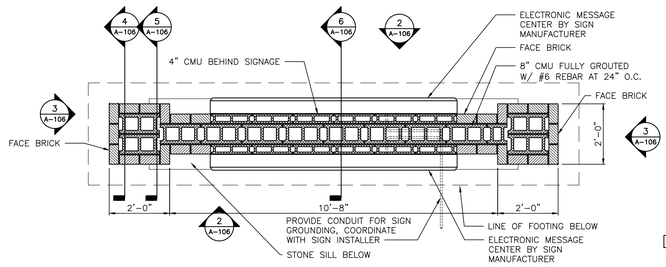

## SIGN ELEVATION
SCALE: 1/2" = 1'-0"

3 / A-106




## SIGN ELEVATION
SCALE: 1/2" = 1'-0"

2 / A-106




## SIGN PLAN
SCALE: 1/2" = 1'-0"

1 / A-106

SHEET ADDED IN THIS ADDENDUM

AD-02

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

SITE BUILDINGS - YARD SIGN PLANS

PROJECT

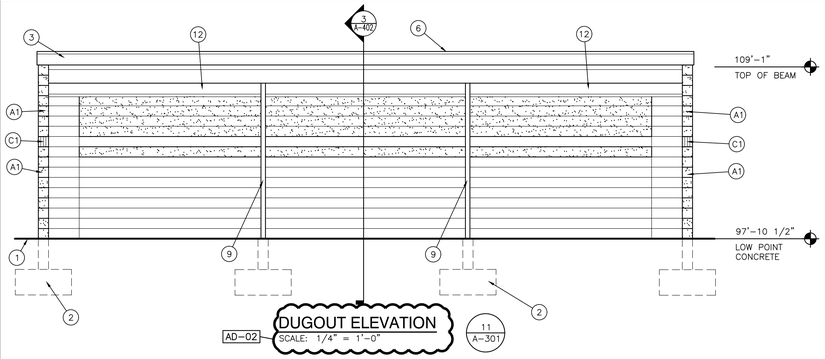
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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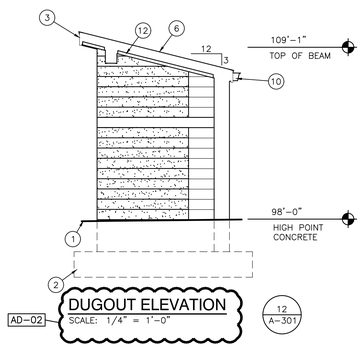
SHEET

# A-105-SB

Tuesday, 10/17/2023 - 5:29 PM - LAST SAVED BY:DBURNS
Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\23-XXX DRAWINGS\05 ARCH\A-105-SB.DWG




AD-02 DUGOUT ELEVATION (11 / A-301)
SCALE: 1/4" = 1'-0"




AD-02 DUGOUT ELEVATION (12 / A-301)
SCALE: 1/4" = 1'-0"

## ELEVATION KEY NOTES CONT:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

12 WOOD TRIM
13 GRANDSTAND MASONRY WALL AT BASEBALL AND SOFTBALL, HEIGHT VARIES.
14 STEEL BEAM, REFER TO STRUCTURAL.
15 BLACK ALUMINUM PICKET GUARDRAIL/HANDRAIL BY GRANDSTAND MANUFACTURER.
16 BLACK VINYL CHAIN LINK MESH GUARDRAIL/HANDRAIL BY GRANDSTAND MANUFACTURER.
17 OVERHEAD COILING DOOR.
18 METAL PANEL TRIM BY GRANDSTAND MANUFACTURER.
19 STONE CAP. (6 / A-401)
20 3'-4" X 8-0" ALUMINUM AWNING WITH DOWNSPOUT CONNECTED INTO BUILDING DOWNSPOUT.
21 ALUMINUM SCUPPER, DOWNSPOUT, AND BOOT, REFER TO FLOOR PLAN.
22 METAL COPING.
23 TICKET WINDOW, REFER TO SPECIFICATIONS.
24 LIGHT FIXTURE, REFER TO ELECTRICAL.

## MASONRY TYPE NOTES

A1 SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR B) AND WATERPROOFING. (RUNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.
B1 SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR A) AND WATERPROOFING. (RUNNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.
C1 FACE BRICK COLOR C – SOLDIER COURSE STANDARD MODULAR SIZE.

AD-02

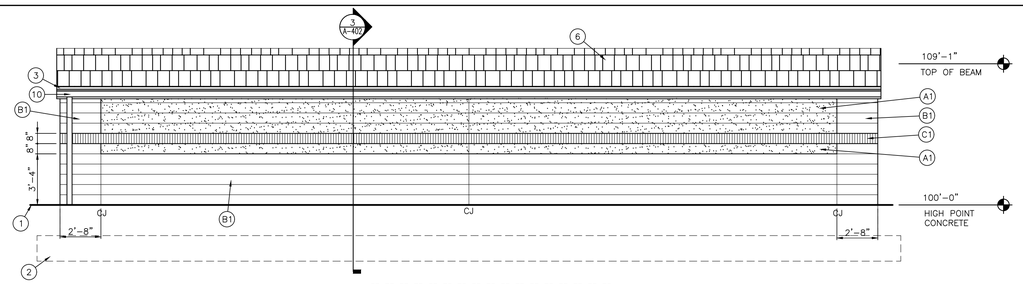
## GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL. DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.
B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.
C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
D. FINISH GRADE INDICATES ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.
E. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.
F. (CJ) INDICATES CONTROL JOINT.

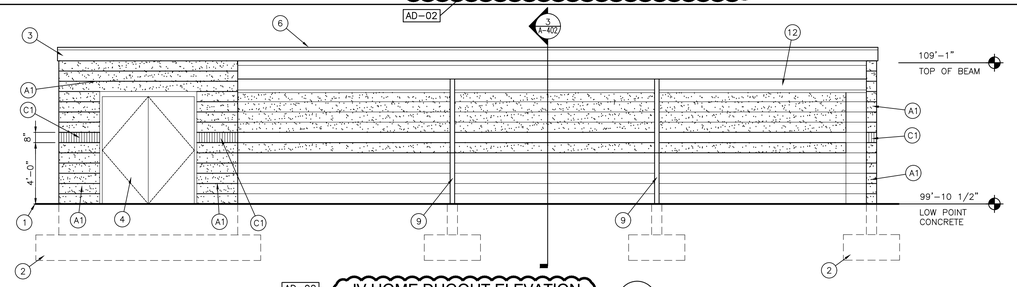
## ELEVATION KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

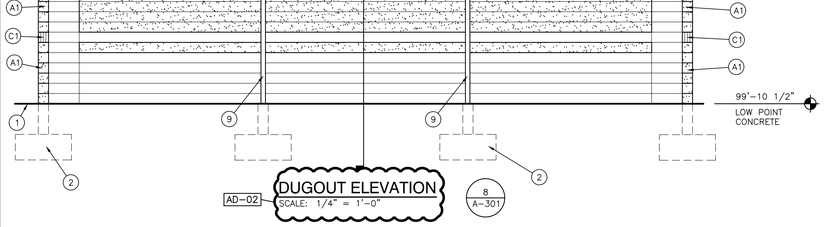
1 APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
2 FOUNDATION WALL AND FOOTING, REFER TO STRUCTURAL DRAWINGS.
3 METAL FASCIA.
4 FRP DOOR AND ALUMINUM FRAME.
5 BLACK PAINTED STEEL GUARDRAIL/HANDRAIL. (5 / A-501)
6 ASPHALT SHINGLE ROOF SYSTEM, REFER TO FLOOR PLANS AND SECTIONS.
7 ALUMINUM WINDOW.
8 METAL STAIR. (1 / A-501) (2 / A-501) (3 / A-501)
9 STEEL TUBE, REFER TO STRUCTURAL.
10 ALUMINUM GUTTER AND/OR DOWNSPOUT AND BOOT, REFER TO FLOOR PLAN.
11 LINE OF GRANDSTANDS, VARIES FROM GRANDSTAND TO GRANDSTAND.



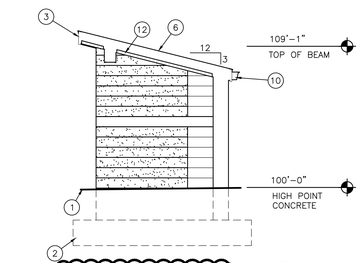

AD-02 JV HOME DUGOUT ELEVATION (9 / A-301)
SCALE: 1/4" = 1'-0"



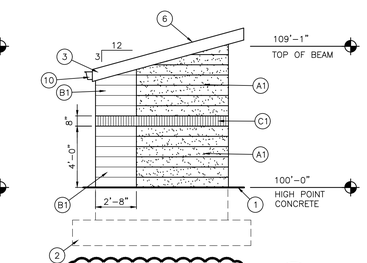

AD-02 JV HOME DUGOUT ELEVATION (10 / A-301)
SCALE: 1/4" = 1'-0"



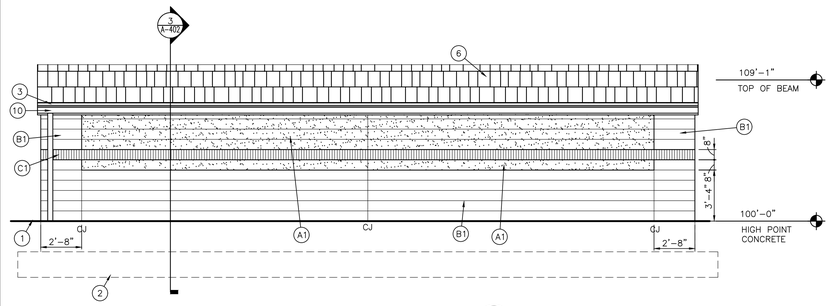

AD-02 DUGOUT ELEVATION (8 / A-301)
SCALE: 1/4" = 1'-0"



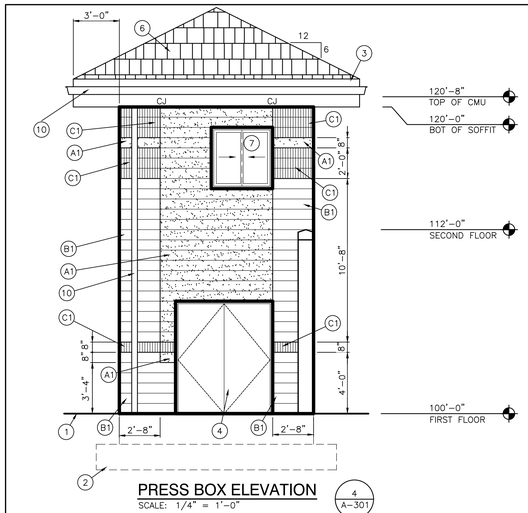

AD-02 DUGOUT ELEVATION (7 / A-301)
SCALE: 1/4" = 1'-0"



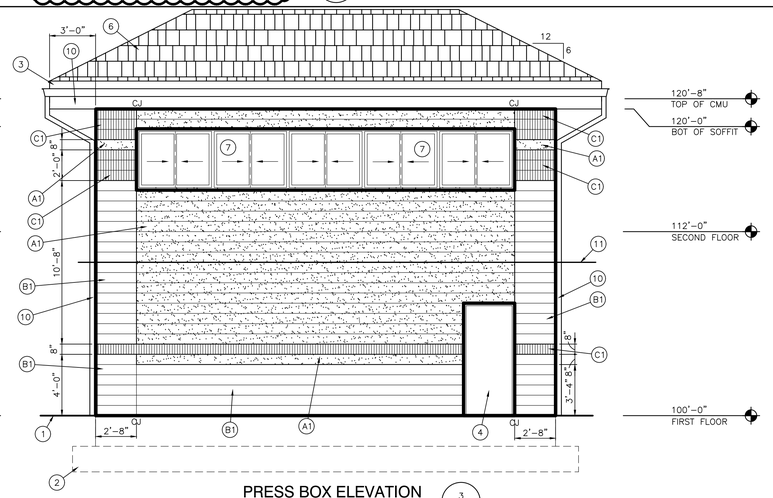

AD-02 DUGOUT ELEVATION (6 / A-301)
SCALE: 1/4" = 1'-0"



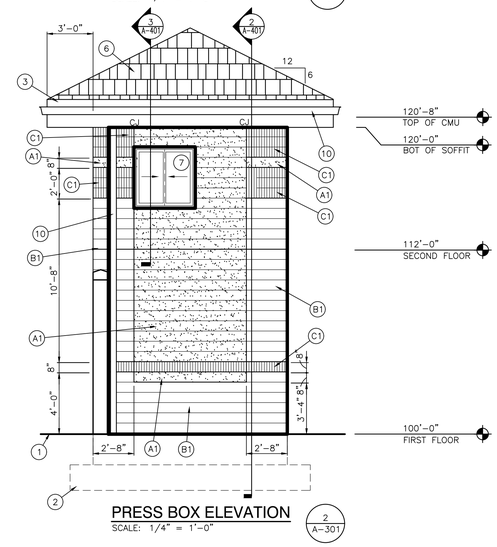

DUGOUT ELEVATION (5 / A-301)
SCALE: 1/4" = 1'-0"



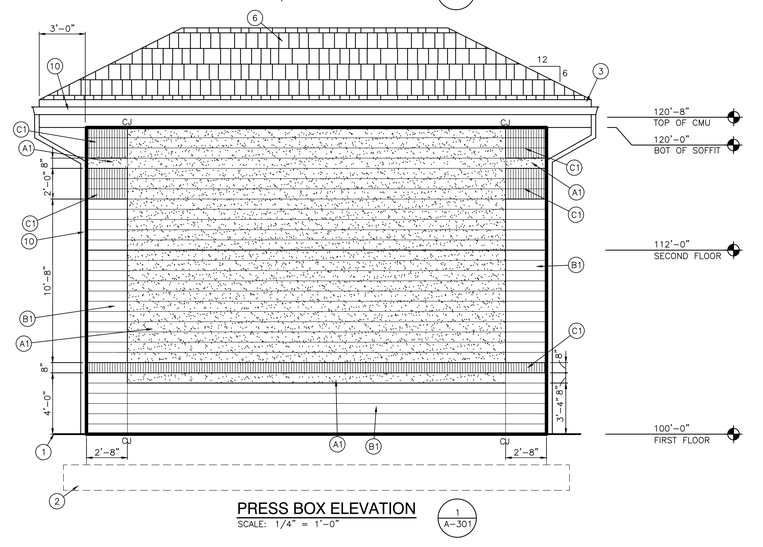

PRESS BOX ELEVATION (4 / A-301)
SCALE: 1/4" = 1'-0"




PRESS BOX ELEVATION (3 / A-301)
SCALE: 1/4" = 1'-0"




PRESS BOX ELEVATION (2 / A-301)
SCALE: 1/4" = 1'-0"




PRESS BOX ELEVATION (1 / A-301)
SCALE: 1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
SITE BUILDINGS - PRESS BOX AND DUGOUT ELEVATIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-301-SB


Tuesday, 10/17/2023 - 7:10 PM - LAST SAVED BY:DBURNS
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## ELEVATION KEY NOTES CONT:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

12. WOOD TRIM
13. GRANDSTAND MASONRY WALL AT BASEBALL AND SOFTBALL, HEIGHT VARIES.
14. STEEL BEAM, REFER TO STRUCTURAL.
15. BLACK ALUMINUM PICKET GUARDRAIL/HANDRAIL BY GRANDSTAND MANUFACTURER.
16. BLACK VINYL CHAIN LINK MESH GUARDRAIL/HANDRAIL BY GRANDSTAND MANUFACTURER.
17. OVERHEAD COILING DOOR.
18. METAL PANEL TRIM BY GRANDSTAND MANUFACTURER.
19. STONE CAP. — 6 / A-401
20. 3'-4" X 8-0" ALUMINUM AWNING WITH DOWNSPOUT CONNECTED INTO BUILDING DOWNSPOUT.
21. ALUMINUM SCUPPER, DOWNSPOUT, AND BOOT, REFER TO FLOOR PLAN.
22. METAL COPING.
23. TICKET WINDOW, REFER TO SPECIFICATIONS.
24. LIGHT FIXTURE, REFER TO ELECTRICAL.

AD-02

## MASONRY TYPE NOTES

A1. SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR B) AND WATERPROOFING. (RUNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.

B1. SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR A) AND WATERPROOFING. (RUNNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.

C1. FACE BRICK COLOR C – SOLDIER COURSE STANDARD MODULAR SIZE.

AD-02

## GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL. DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. FINISH GRADE INDICATES ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

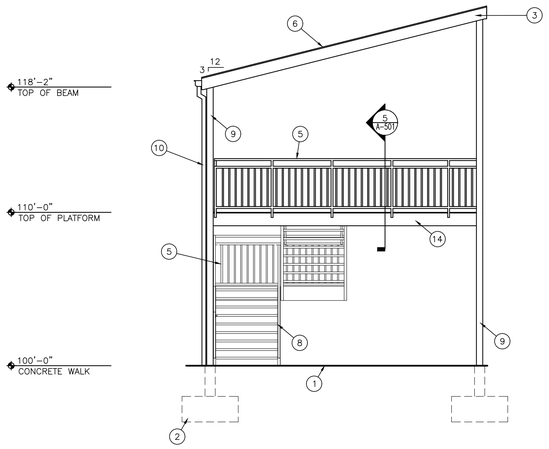
E. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.

F. (CJ) INDICATES CONTROL JOINT.

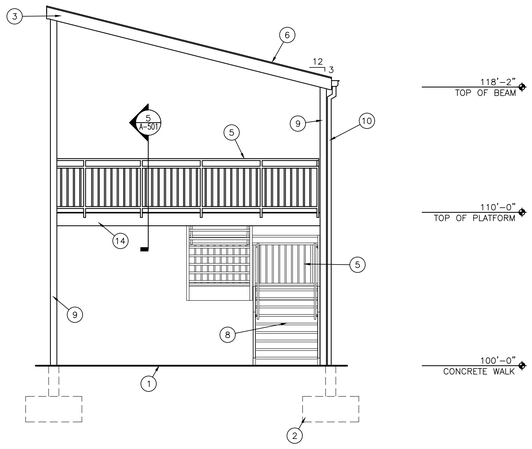
## ELEVATION KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

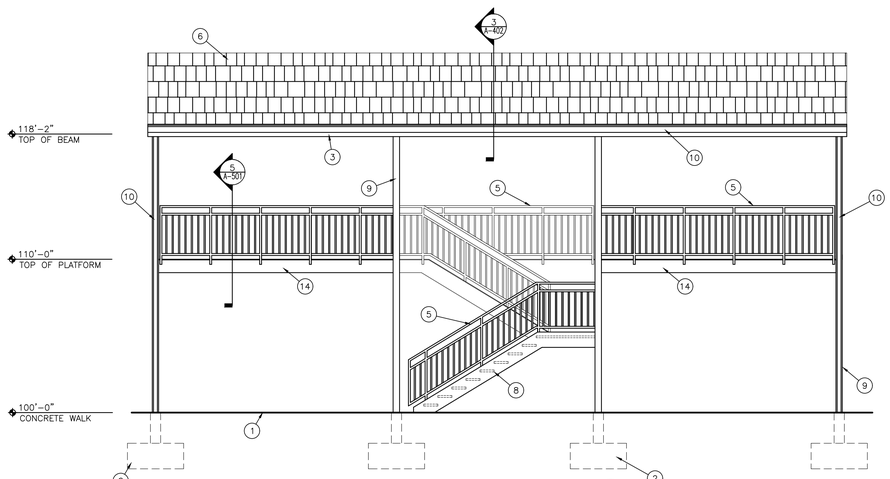
1. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
2. FOUNDATION WALL AND FOOTING, REFER TO STRUCTURAL DRAWINGS.
3. METAL FASCIA.
4. FRP DOOR AND ALUMINUM FRAME.
5. BLACK PAINTED STEEL GUARDRAIL/HANDRAIL. — 5 / A-501
6. ASPHALT SHINGLE ROOF SYSTEM, REFER TO FLOOR PLANS AND SECTIONS.
7. ALUMINUM WINDOW.
8. METAL STAIR. — 1 / A-501, 2 / A-501, 3 / A-501
9. STEEL TUBE, REFER TO STRUCTURAL.
10. ALUMINUM GUTTER AND/OR DOWNSPOUT AND BOOT, REFER TO FLOOR PLAN.
11. LINE OF GRANDSTANDS, VARIES FROM GRANDSTAND TO GRANDSTAND.



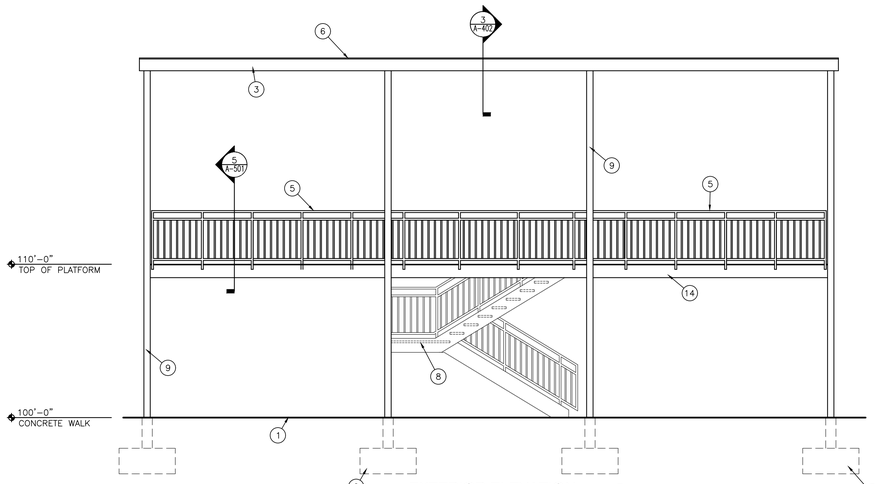

EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"
4 / A-302




EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"
2 / A-302




EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"
3 / A-302




EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"
1 / A-302

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

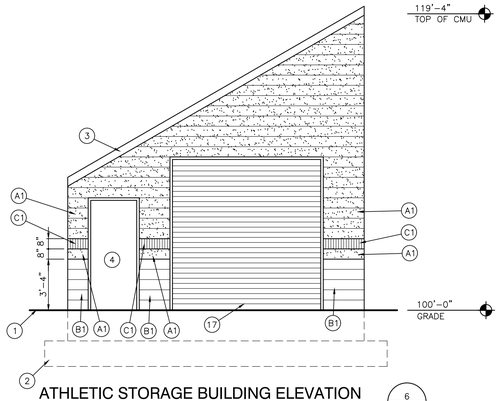
DRAWING
SITE BUILDINGS - TENNIS PLATFORM ELEVATIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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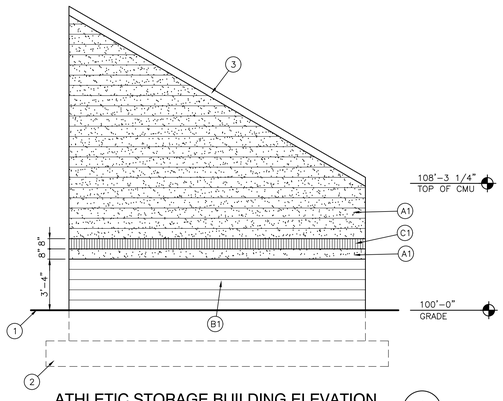
SHEET
A-302-SB


Tuesday, 10/17/2023 - 7:10 PM - LAST SAVED BY:DBURNS
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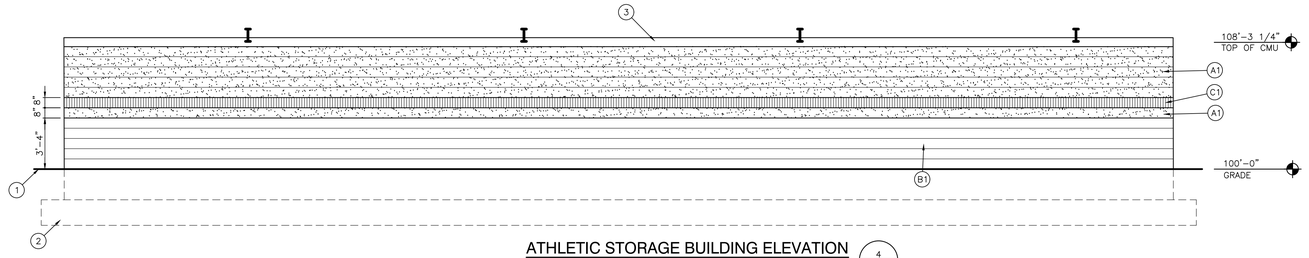

ATHLETIC STORAGE BUILDING ELEVATION
SCALE: 1/4" = 1'-0"

6 / A-303



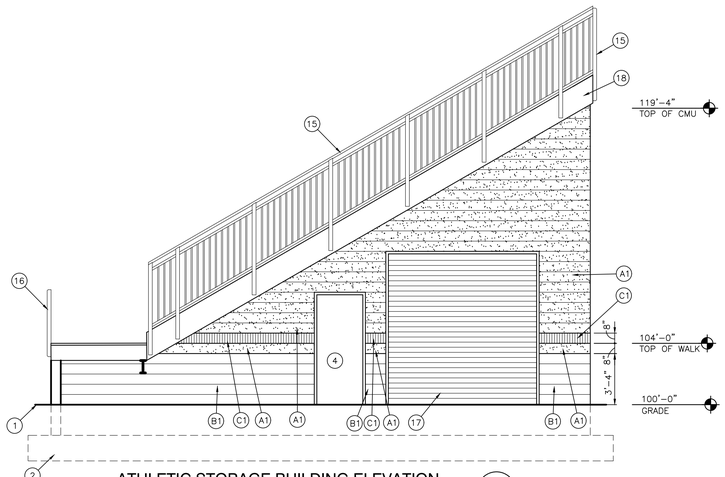

ATHLETIC STORAGE BUILDING ELEVATION
SCALE: 1/4" = 1'-0"

5 / A-303



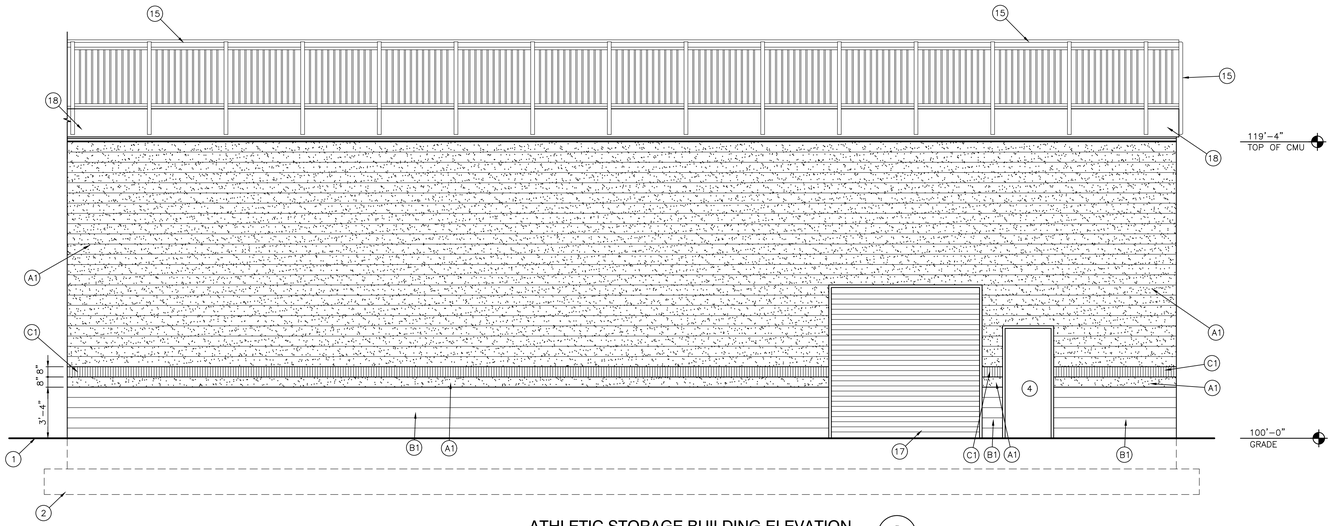

ATHLETIC STORAGE BUILDING ELEVATION
SCALE: 1/4" = 1'-0"

4 / A-303



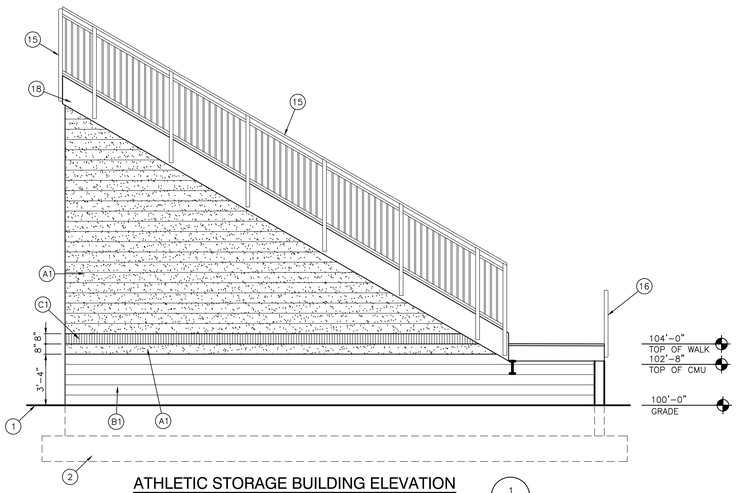

ATHLETIC STORAGE BUILDING ELEVATION
SCALE: 1/4" = 1'-0"

2 / A-303




ATHLETIC STORAGE BUILDING ELEVATION
SCALE: 1/4" = 1'-0"

3 / A-303




ATHLETIC STORAGE BUILDING ELEVATION
SCALE: 1/4" = 1'-0"

1 / A-303

## ELEVATION KEY NOTES CONT:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

12. WOOD TRIM
13. GRANDSTAND MASONRY WALL AT BASEBALL AND SOFTBALL, HEIGHT VARIES.
14. STEEL BEAM, REFER TO STRUCTURAL.
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18. METAL PANEL TRIM BY GRANDSTAND MANUFACTURER.
19. STONE CAP. — 6 / A-401
20. 3'-4" X 8-0" ALUMINUM AWNING WITH DOWNSPOUT CONNECTED INTO BUILDING DOWNSPOUT.
21. ALUMINUM SCUPPER, DOWNSPOUT, AND BOOT, REFER TO FLOOR PLAN.
22. METAL COPING.
23. TICKET WINDOW, REFER TO SPECIFICATIONS.
24. LIGHT FIXTURE, REFER TO ELECTRICAL.

AD-02

## MASONRY TYPE NOTES

A1. SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR B) AND WATERPROOFING. (RUNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.

B1. SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR A) AND WATERPROOFING. (RUNNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.

C1. FACE BRICK COLOR C – SOLDIER COURSE STANDARD MODULAR SIZE.

AD-02

## GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL. DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. FINISH GRADE INDICATES ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

E. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.

F. (CJ) INDICATES CONTROL JOINT.

## ELEVATION KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
2. FOUNDATION WALL AND FOOTING, REFER TO STRUCTURAL DRAWINGS.
3. METAL FASCIA.
4. FRP DOOR AND ALUMINUM FRAME.
5. BLACK PAINTED STEEL GUARDRAIL/HANDRAIL. — 5 / A-501
6. ASPHALT SHINGLE ROOF SYSTEM, REFER TO FLOOR PLANS AND SECTIONS.
7. ALUMINUM WINDOW.
8. METAL STAIR. — 1 / A-501, 2 / A-501, 3 / A-501
9. STEEL TUBE, REFER TO STRUCTURAL.
10. ALUMINUM GUTTER AND/OR DOWNSPOUT AND BOOT, REFER TO FLOOR PLAN.
11. LINE OF GRANDSTANDS, VARIES FROM GRANDSTAND TO GRANDSTAND.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS
REGISTERED
NO. 11600109
STATE OF INDIANA
ARCHITECT


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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
SITE BUILDINGS - ATHLETIC STORAGE BUILDING ELEVATIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-303-SB


Tuesday, 10/17/2023 - 7:13 PM - LAST SAVED BY:DBURNS
Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-303-SB.DWG

## ELEVATION KEY NOTES CONT:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

12. WOOD TRIM
13. GRANDSTAND MASONRY WALL AT BASEBALL AND SOFTBALL, HEIGHT VARIES.
14. STEEL BEAM, REFER TO STRUCTURAL.
15. BLACK ALUMINUM PICKET GUARDRAIL/HANDRAIL BY GRANDSTAND MANUFACTURER.
16. BLACK VINYL CHAIN LINK MESH GUARDRAIL/HANDRAIL BY GRANDSTAND MANUFACTURER.
17. OVERHEAD COILING DOOR.
18. METAL PANEL TRIM BY GRANDSTAND MANUFACTURER.
19. STONE CAP. — 6 / A-401
20. 3'-4" X 8-0" ALUMINUM AWNING WITH DOWNSPOUT CONNECTED INTO BUILDING DOWNSPOUT.
21. ALUMINUM SCUPPER, DOWNSPOUT, AND BOOT, REFER TO FLOOR PLAN.
22. METAL COPING.
23. TICKET WINDOW, REFER TO SPECIFICATIONS.
24. LIGHT FIXTURE, REFER TO ELECTRICAL.

AD-02

## MASONRY TYPE NOTES

A1. SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR B) AND WATERPROOFING. (RUNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.

B1. SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR A) AND WATERPROOFING. (RUNNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.

C1. FACE BRICK COLOR C – SOLDIER COURSE STANDARD MODULAR SIZE.

AD-02

## GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL. DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. FINISH GRADE INDICATES ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

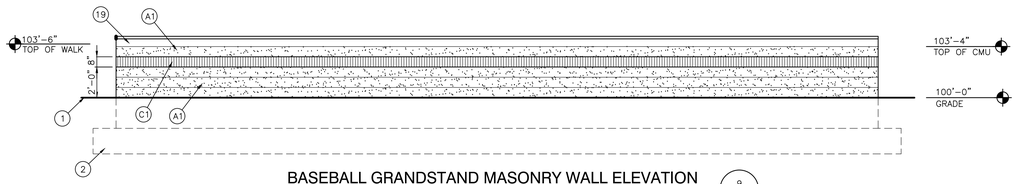
E. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.

F. (CJ) INDICATES CONTROL JOINT.

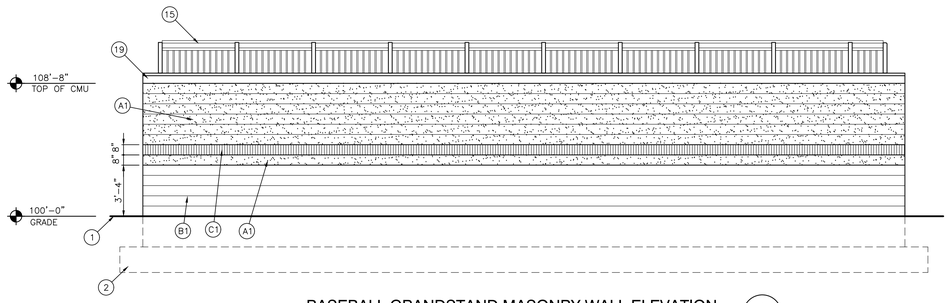
## ELEVATION KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

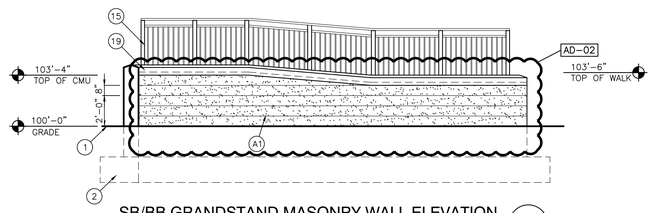
1. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
2. FOUNDATION WALL AND FOOTING, REFER TO STRUCTURAL DRAWINGS.
3. METAL FASCIA.
4. FRP DOOR AND ALUMINUM FRAME.
5. BLACK PAINTED STEEL GUARDRAIL/HANDRAIL. — 5 / A-501
6. ASPHALT SHINGLE ROOF SYSTEM, REFER TO FLOOR PLANS AND SECTIONS.
7. ALUMINUM WINDOW.
8. METAL STAIR. — 1 / A-501, 2 / A-501, 3 / A-501
9. STEEL TUBE, REFER TO STRUCTURAL.
10. ALUMINUM GUTTER AND/OR DOWNSPOUT AND BOOT, REFER TO FLOOR PLAN.
11. LINE OF GRANDSTANDS, VARIES FROM GRANDSTAND TO GRANDSTAND.



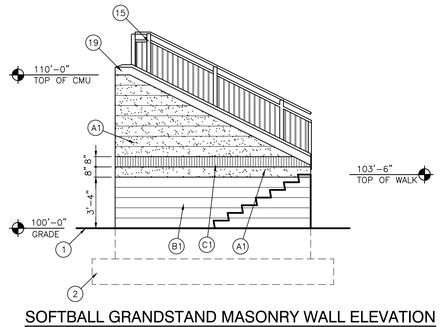

BASEBALL GRANDSTAND MASONRY WALL ELEVATION — 9 / A-304
SCALE: 1/4" = 1'-0"



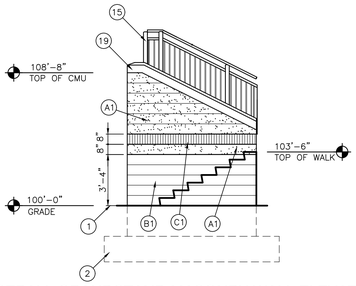

BASEBALL GRANDSTAND MASONRY WALL ELEVATION — 8 / A-304
SCALE: 1/4" = 1'-0"



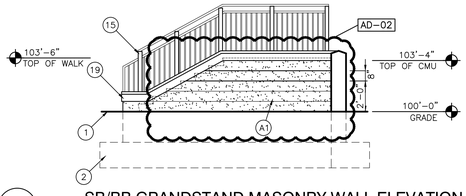

SB/BB GRANDSTAND MASONRY WALL ELEVATION — 5 / A-304
SCALE: 1/4" = 1'-0"



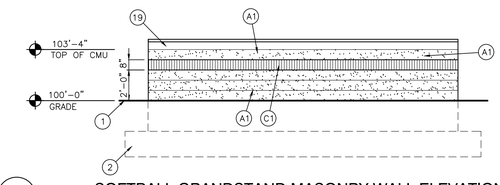

SOFTBALL GRANDSTAND MASONRY WALL ELEVATION — 3 / A-304
SCALE: 1/4" = 1'-0"



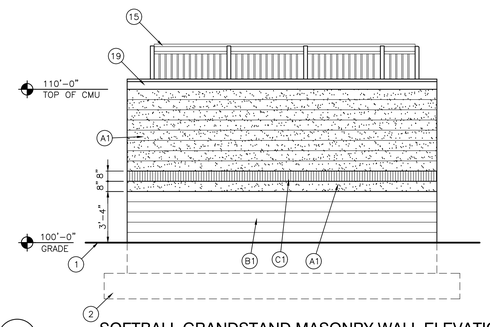

BASEBALL GRANDSTAND MASONRY WALL ELEVATION — 7 / A-304
SCALE: 1/4" = 1'-0"



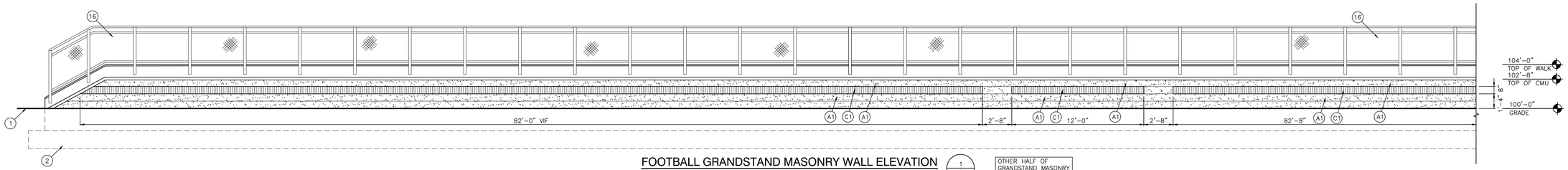

SB/BB GRANDSTAND MASONRY WALL ELEVATION — 6 / A-304
SCALE: 1/4" = 1'-0"




SOFTBALL GRANDSTAND MASONRY WALL ELEVATION — 4 / A-304
SCALE: 1/4" = 1'-0"




SOFTBALL GRANDSTAND MASONRY WALL ELEVATION — 2 / A-304
SCALE: 1/4" = 1'-0"




FOOTBALL GRANDSTAND MASONRY WALL ELEVATION — 1 / A-304
SCALE: 1/4" = 1'-0"

OTHER HALF OF GRANDSTAND MASONRY WALL IS MIRRORED


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN


PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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REVISIONS

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|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

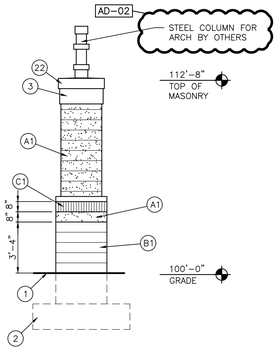
DRAWING
SITE BUILDINGS - GRANDSTAND MASONRY ELEVATIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

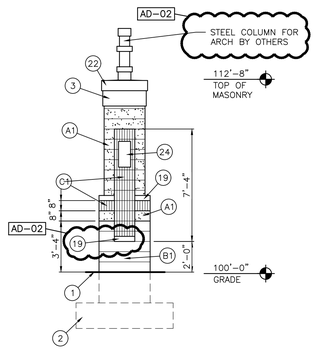

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SHEET
A-304-SB

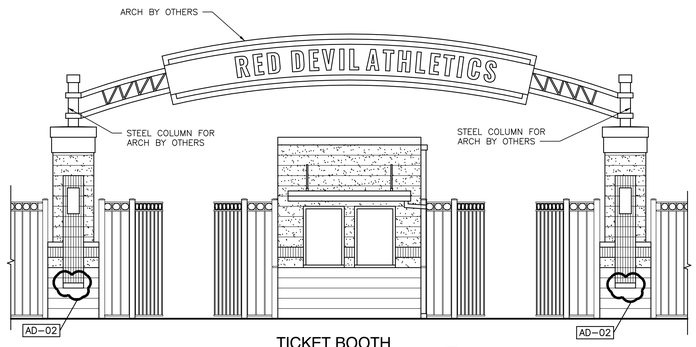

Tuesday, 10/17/2023 – 7:14 PM – LAST SAVED BY:DBURNS
Y:\23-112 TRI-CREEK SC – LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-304-SB.DWG




TICKET BOOTH
MASONRY PIER ELEVATION (13 / A-305)
SCALE: 1/4" = 1'-0"




TICKET BOOTH
MASONRY PIER ELEVATION (12 / A-305)
SCALE: 1/4" = 1'-0"




TICKET BOOTH
ARCH ELEVATION (11 / A-305)
SCALE: 1/4" = 1'-0"

## ELEVATION KEY NOTES CONT:

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13. GRANDSTAND MASONRY WALL AT BASEBALL AND SOFTBALL, HEIGHT VARIES.
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24. LIGHT FIXTURE, REFER TO ELECTRICAL.

## MASONRY TYPE NOTES

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B1. SPLIT FACED CMU WITH INTEGRAL COLOR (COLOR A) AND WATERPROOFING. (RUNNING BOND) REFER TO PLANS AND SECTIONS FOR CMU THICKNESS.

C1. FACE BRICK COLOR C – SOLDIER COURSE STANDARD MODULAR SIZE.

AD-02

## GENERAL ELEVATION NOTES:

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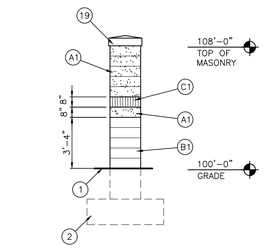
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F. (CJ) INDICATES CONTROL JOINT.

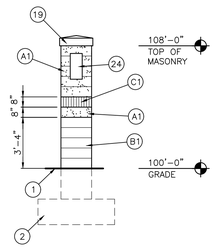
## ELEVATION KEY NOTES:

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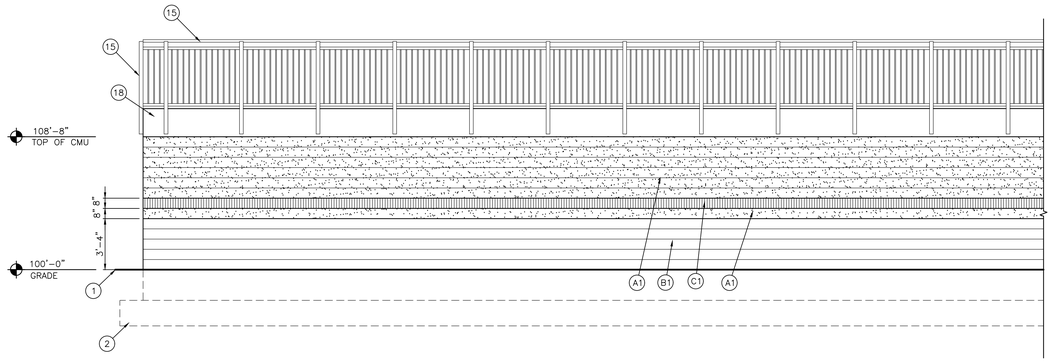
1. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
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11. LINE OF GRANDSTANDS, VARIES FROM GRANDSTAND TO GRANDSTAND.



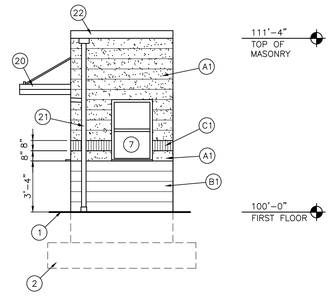

MASONRY PIER ELEVATION (10 / A-305)
SCALE: 1/4" = 1'-0"



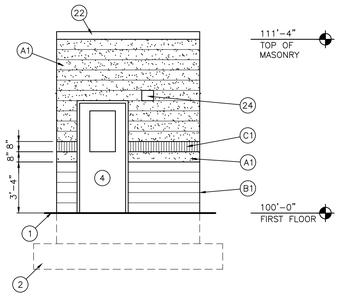

MASONRY PIER ELEVATION (9 / A-305)
SCALE: 1/4" = 1'-0"



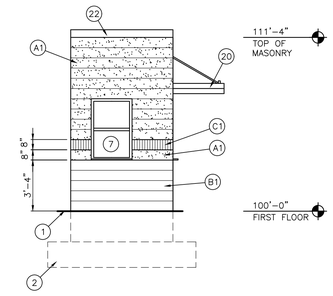

SOCCER GRANDSTAND MASONRY ELEVATION (4 / A-305)
SCALE: 1/4" = 1'-0"



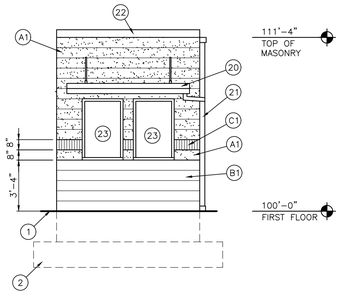

TICKET BOOTH ELEVATION (8 / A-305)
SCALE: 1/4" = 1'-0"



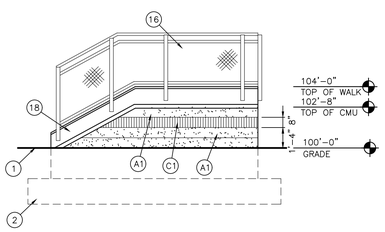

TICKET BOOTH ELEVATION (7 / A-305)
SCALE: 1/4" = 1'-0"



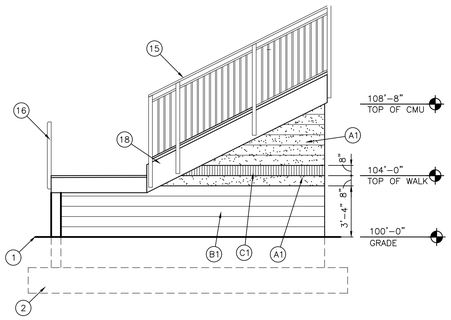

TICKET BOOTH ELEVATION (6 / A-305)
SCALE: 1/4" = 1'-0"



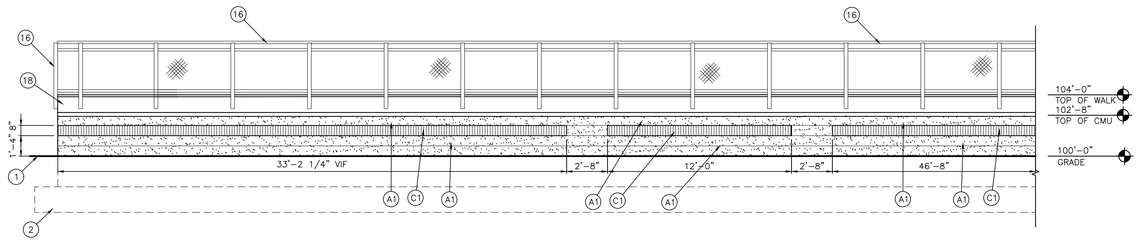

TICKET BOOTH ELEVATION (5 / A-305)
SCALE: 1/4" = 1'-0"




SOCCER GRANDSTAND MASONRY ELEVATION (3 / A-305)
SCALE: 1/4" = 1'-0"




SOCCER GRANDSTAND MASONRY ELEVATION (2 / A-305)
SCALE: 1/4" = 1'-0"




SOCCER GRANDSTAND MASONRY ELEVATION (1 / A-305)
SCALE: 1/4" = 1'-0"

OTHER HALF OF GRANDSTAND MASONRY WALL IS MIRRORED

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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Phone 317.580.5777 Fax 317.580.5778


PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

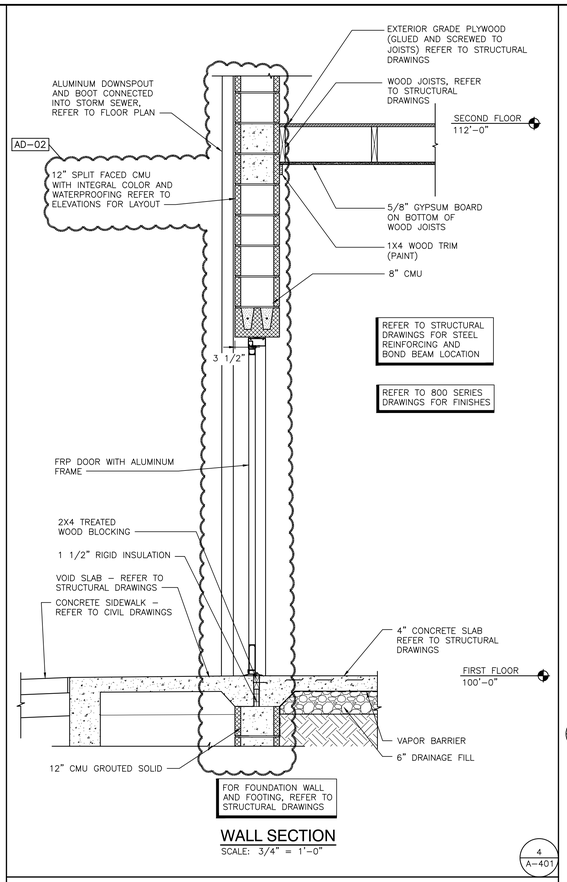
DRAWING
SITE BUILDINGS - GRANDSTAND MASONRY, TICKET BOOTHS, AND PIER ELEVATIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-305-SB

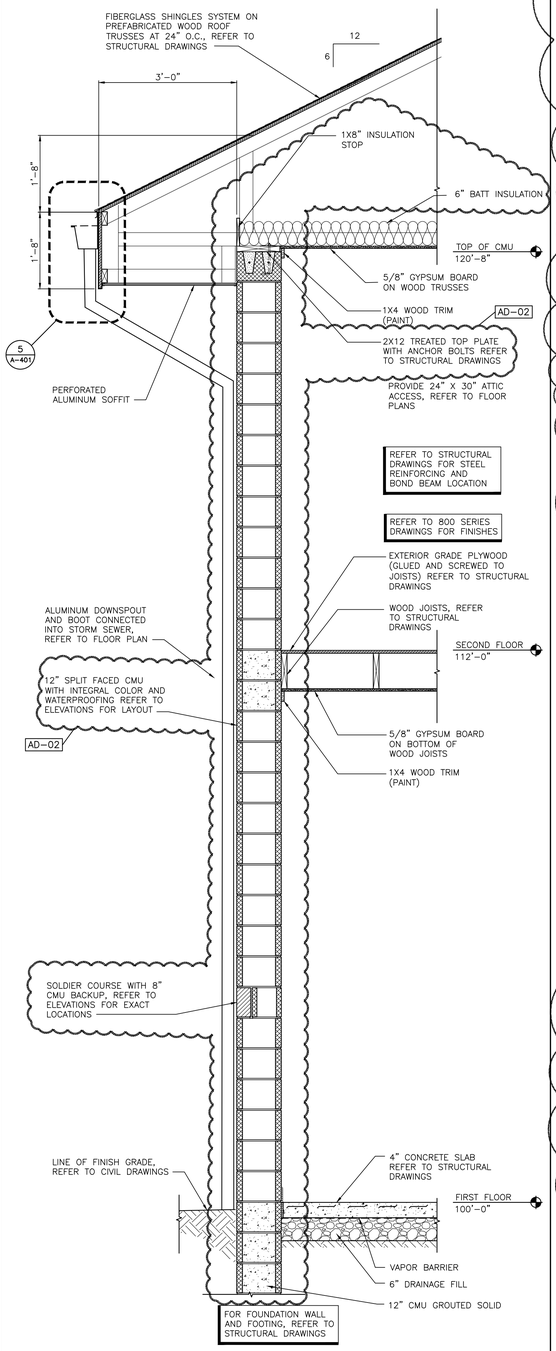

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Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-305-SB.DWG




## WALL SECTION

SCALE: 3/4" = 1'-0"

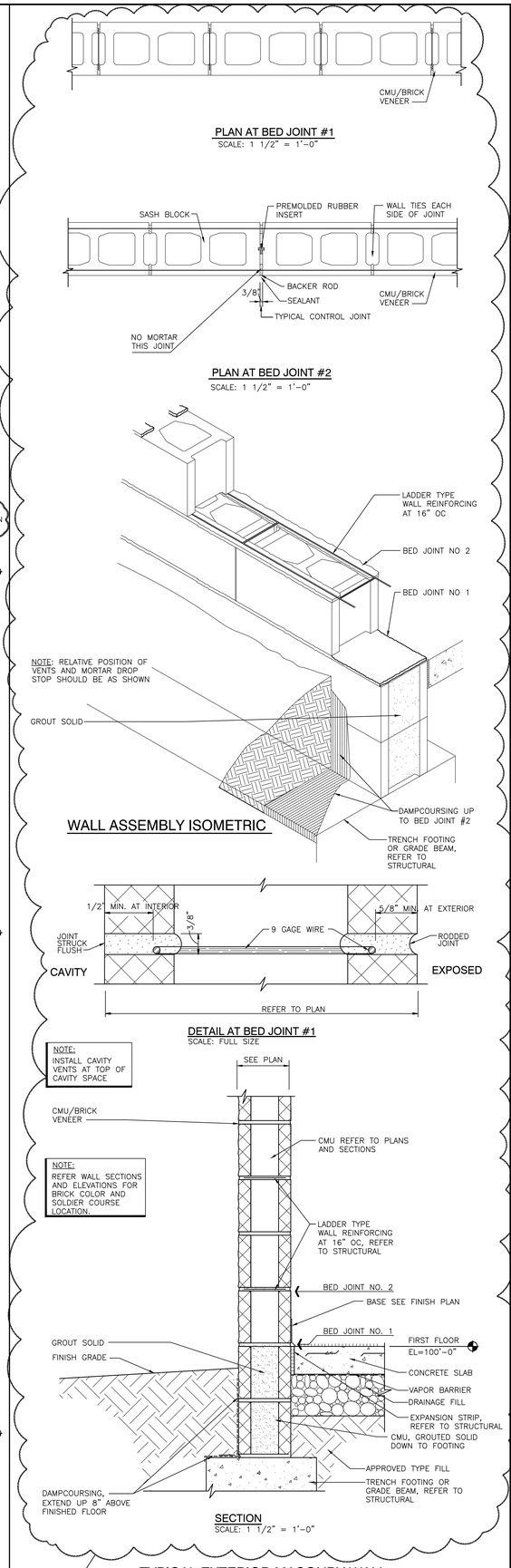
4 / A-401




## WALL SECTION

SCALE: 3/4" = 1'-0"

2 / A-401




## TYPICAL EXTERIOR MASONRY WALL CONSTRUCTION DETAIL

SCALE: AS INDICATED

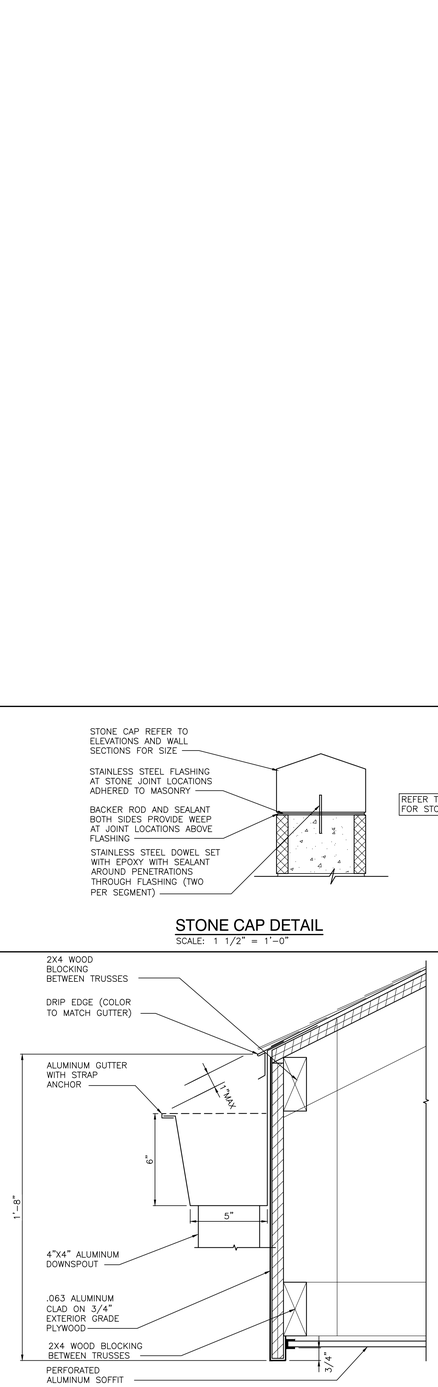
1 / A-401




## STONE CAP DETAIL

SCALE: 1 1/2" = 1'-0"

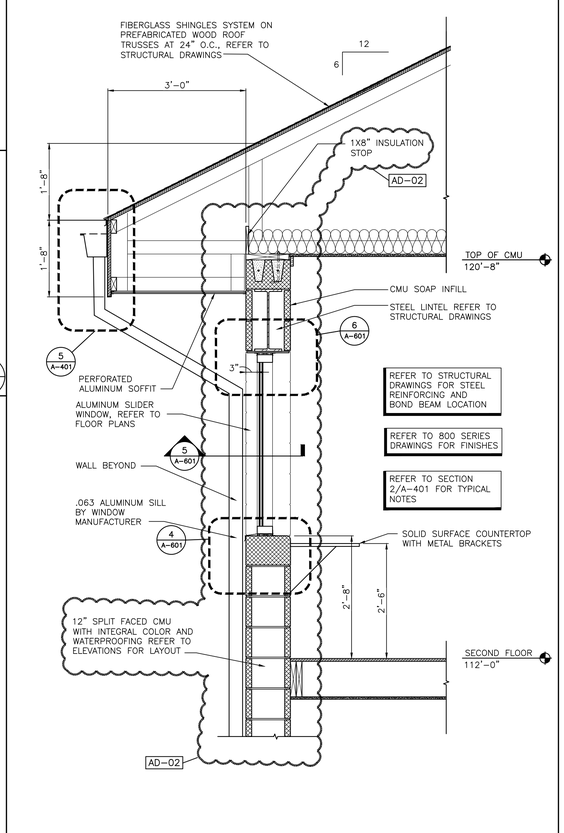
6 / A-401




## GUTTER DETAIL

SCALE: 3" = 1'-0"

5 / A-401




## WALL SECTION

SCALE: 3/4" = 1'-0"

3 / A-401


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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

SITE BUILDINGS - WALL SECTIONS

PROJECT

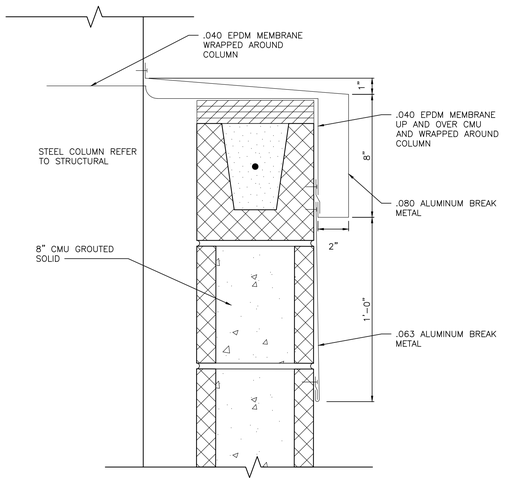
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET

# A-401-SB

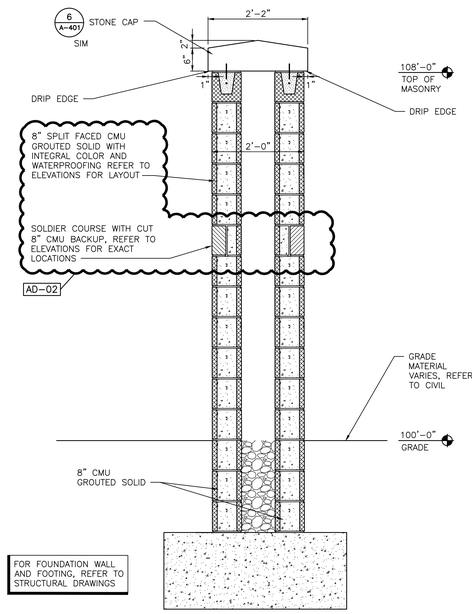

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Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-401-SB.DWG




## MASONRY PIER ALUMINUM FASCIA DETAIL

SCALE: 3" = 1'-0"

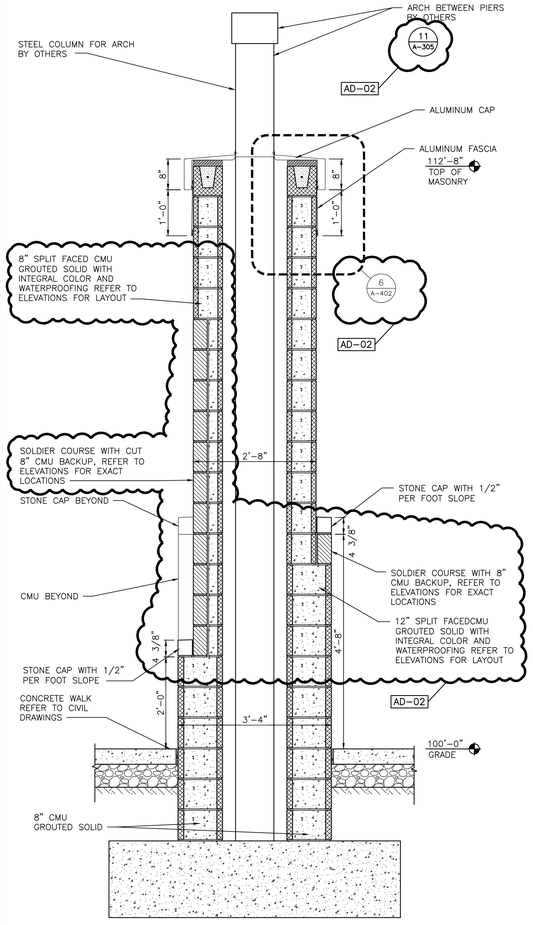
6 / A-402




## MASONRY PIER

SCALE: 3/4" = 1'-0"

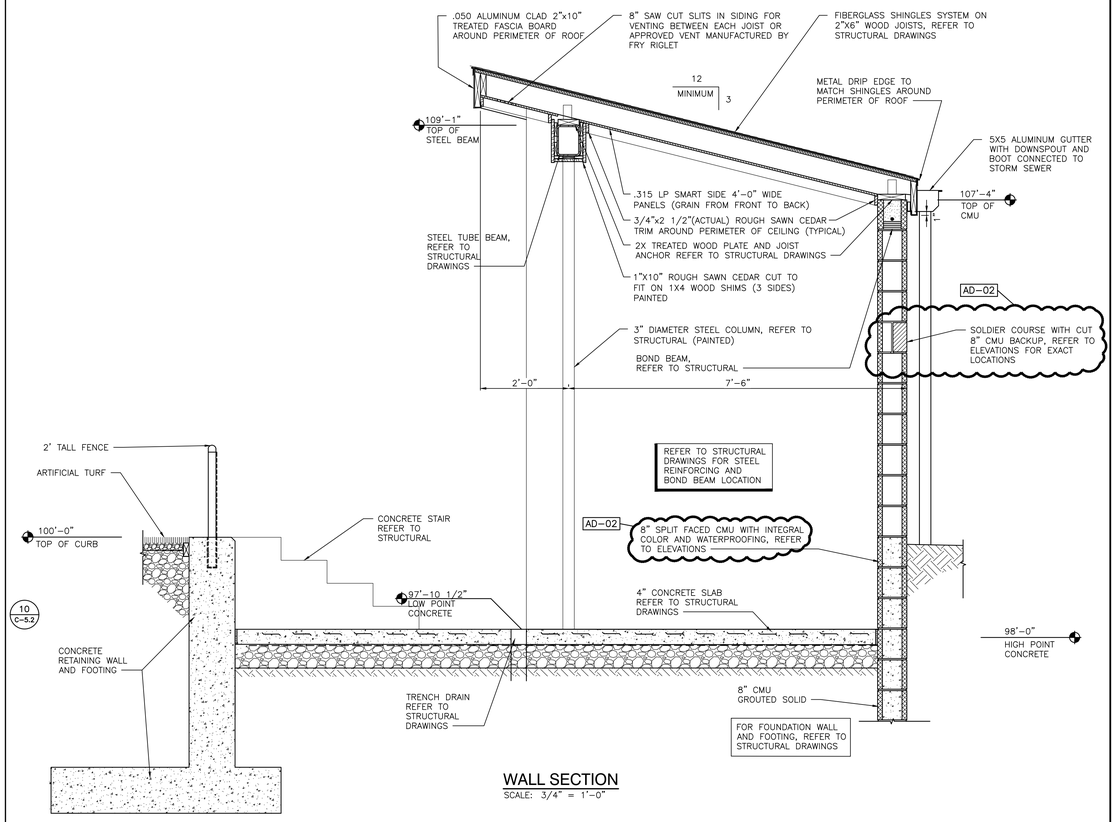
5 / A-402




## MASONRY PIER

SCALE: 3/4" = 1'-0"

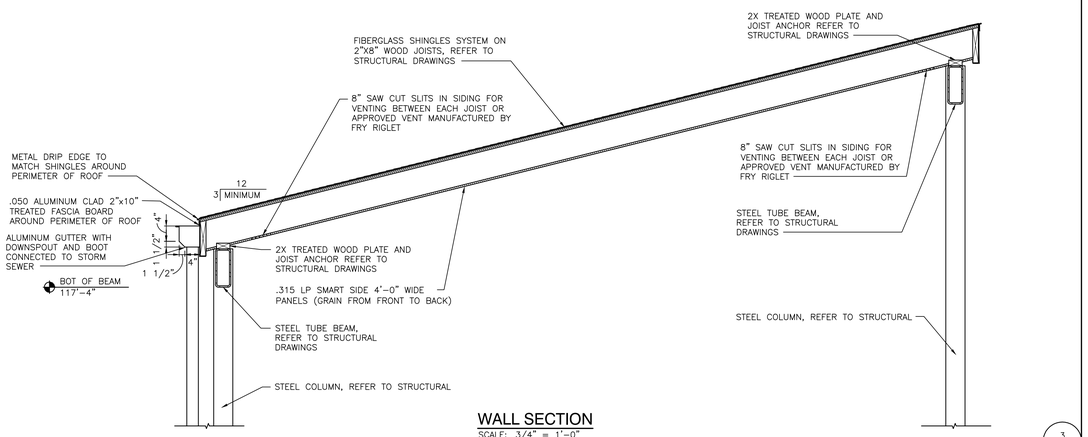
4 / A-402




## WALL SECTION

SCALE: 3/4" = 1'-0"

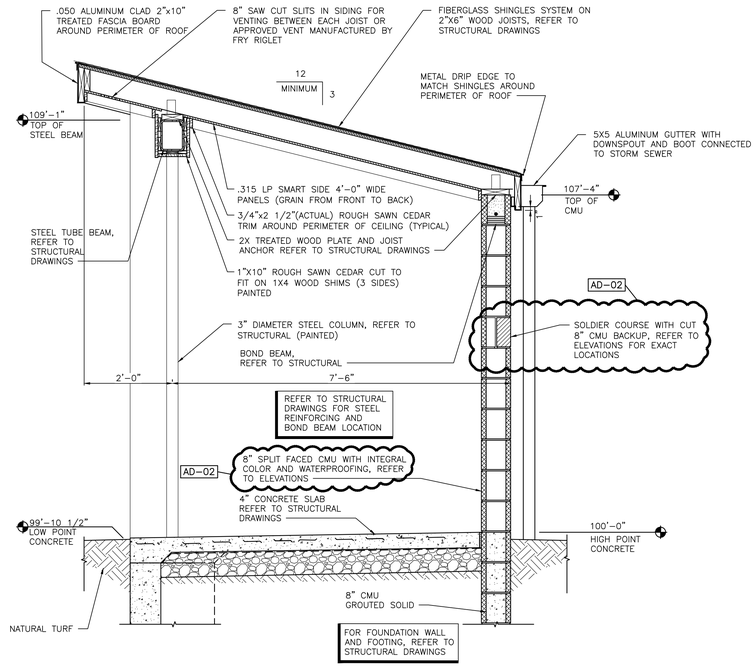
2 / A-402




## WALL SECTION

SCALE: 3/4" = 1'-0"

3 / A-402




## WALL SECTION

SCALE: 3/4" = 1'-0"

1 / A-402

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PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

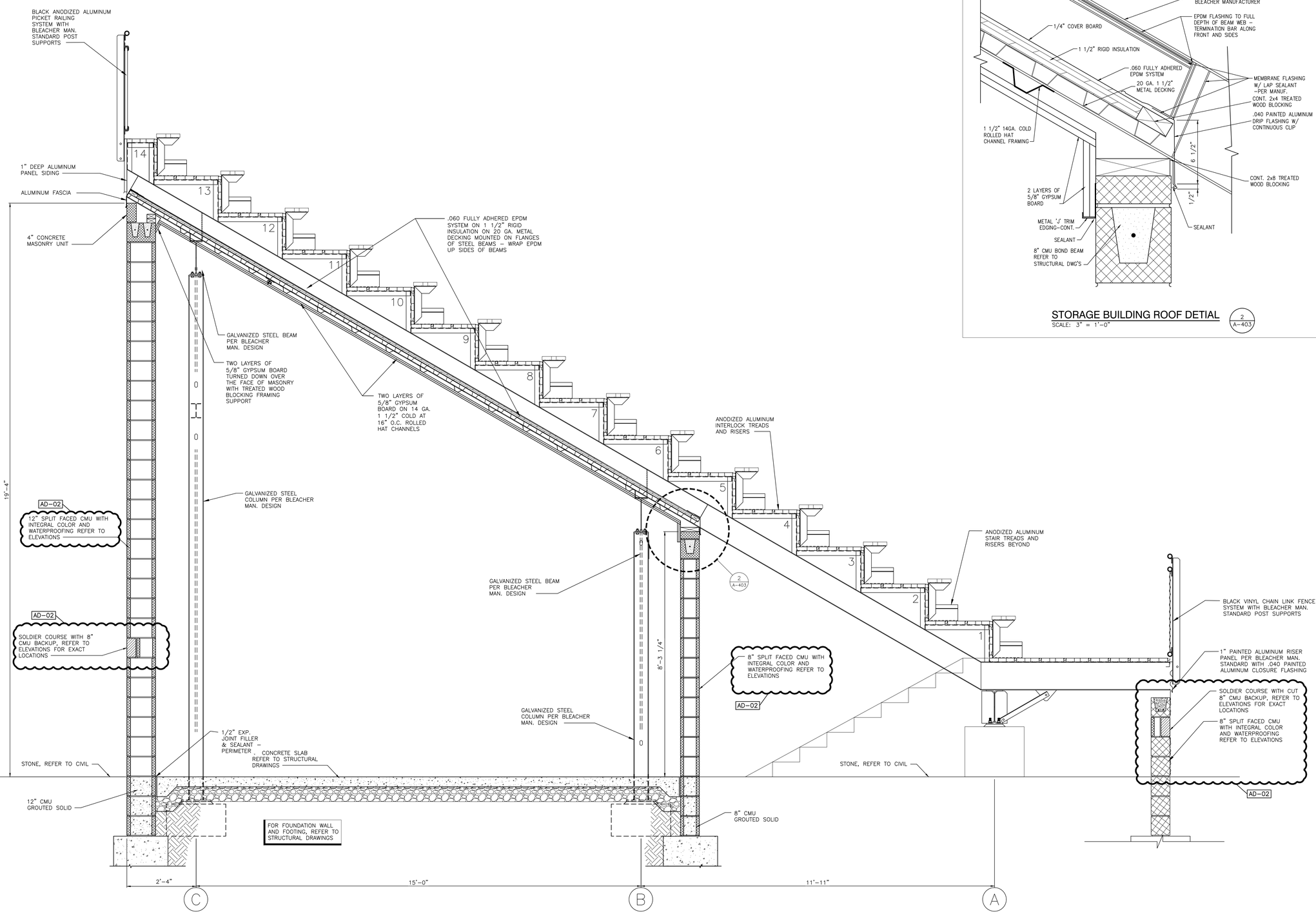
DRAWING
SITE BUILDINGS - WALL SECTIONS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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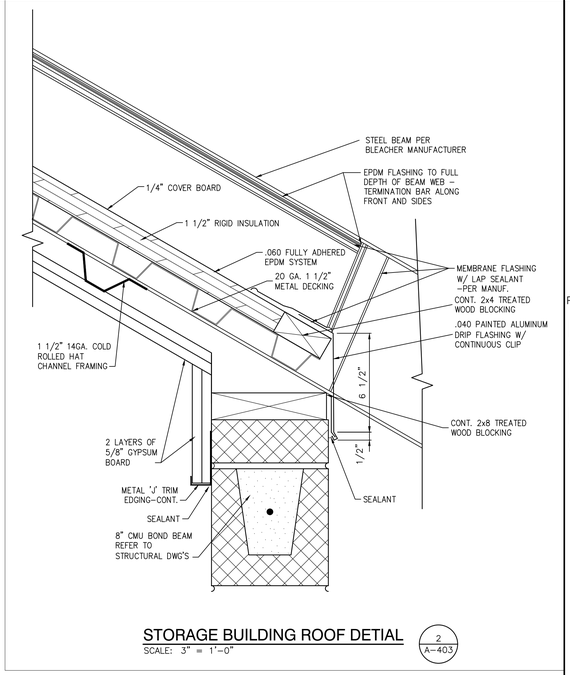
SHEET
A-402-SB

Wednesday, 10/18/2023 - 11:19 AM - LAST SAVED BY:DBURNS
Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-402-SB.DWG




FOOTBALL GRANDSTAND AND STORAGE BUILDING SECTION
SCALE: 3/4" = 1'-0"

1 A-403




STORAGE BUILDING ROOF DETIAL
SCALE: 3" = 1'-0"

2 A-403

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# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
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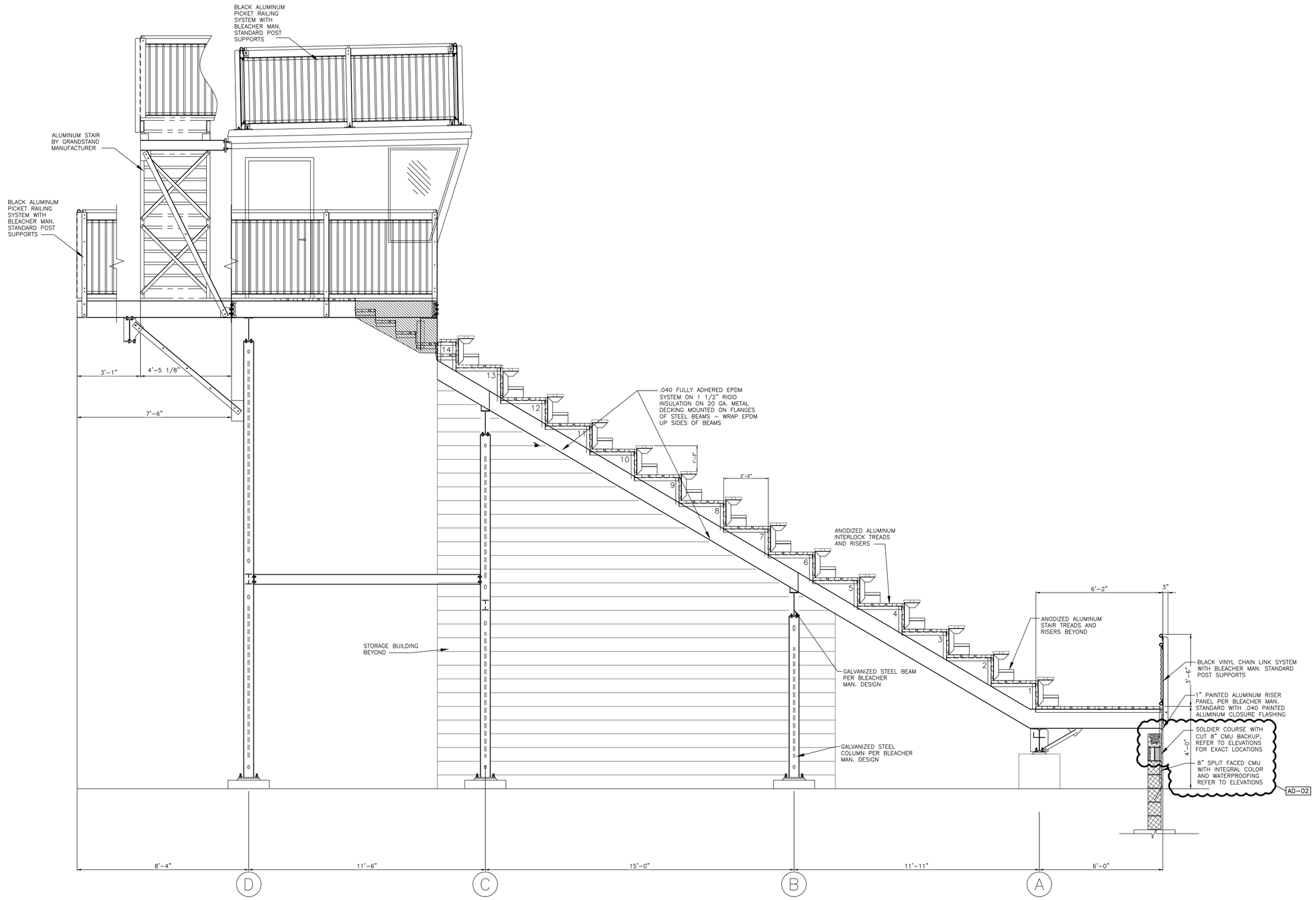
DRAWING
SITE BUILDINGS - FOOTBALL GRANDSTAND AND STORAGE BUILDING SECTION

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-403-SB


Wednesday, 10/18/2023 – 11:21 AM – LAST SAVED BY:DBURNS
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FOOTBALL GRANDSTAND SECTION

SCALE: 1/2" = 1'-0"

1
A-404

Wednesday, 10/18/2023 - 11:22 AM - LAST SAVED BY:DBURNS
Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-404-SB.DWG

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LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION


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DRAWING

SITE BUILDINGS - FOOTBALL GRANDSTAND SECTION

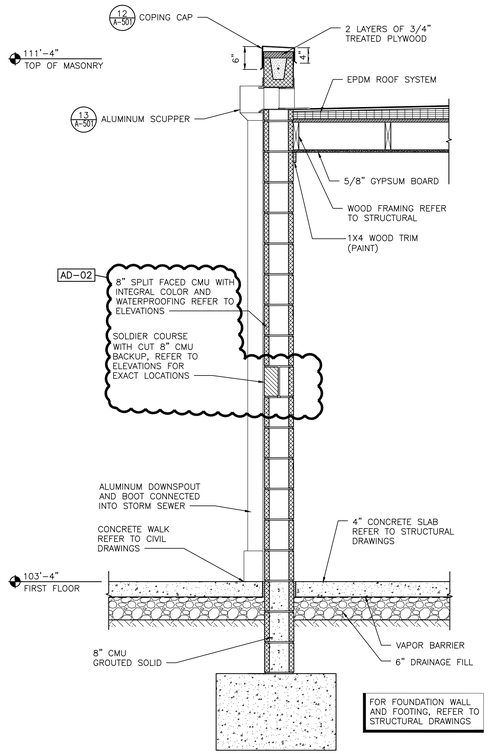
PROJECT

LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET

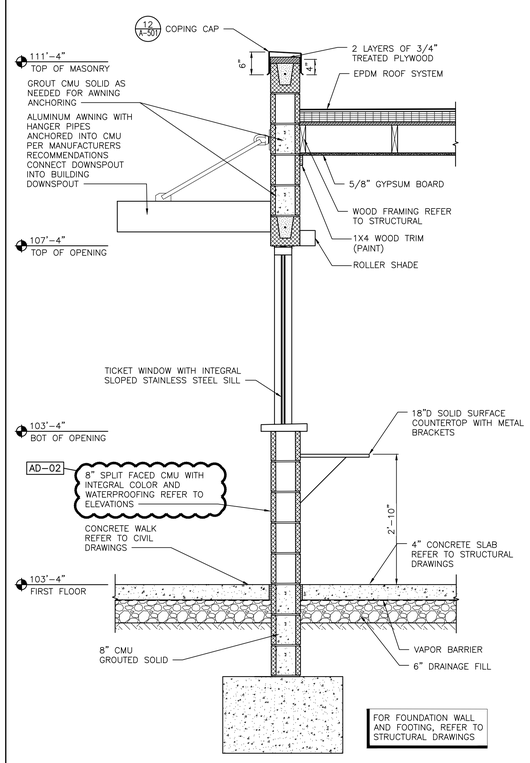
A-404-SB




## TICKET BOOTH SECTION

SCALE: 3/4" = 1'-0"

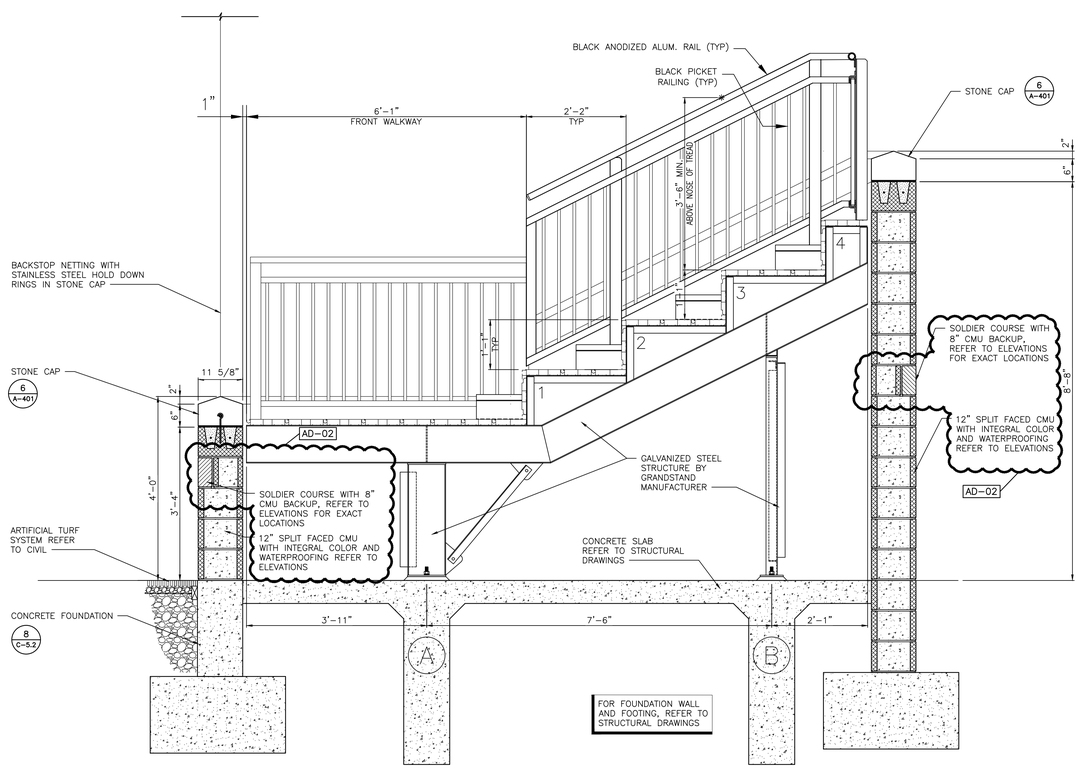
5 A-405




## TICKET BOOTH SECTION

SCALE: 3/4" = 1'-0"

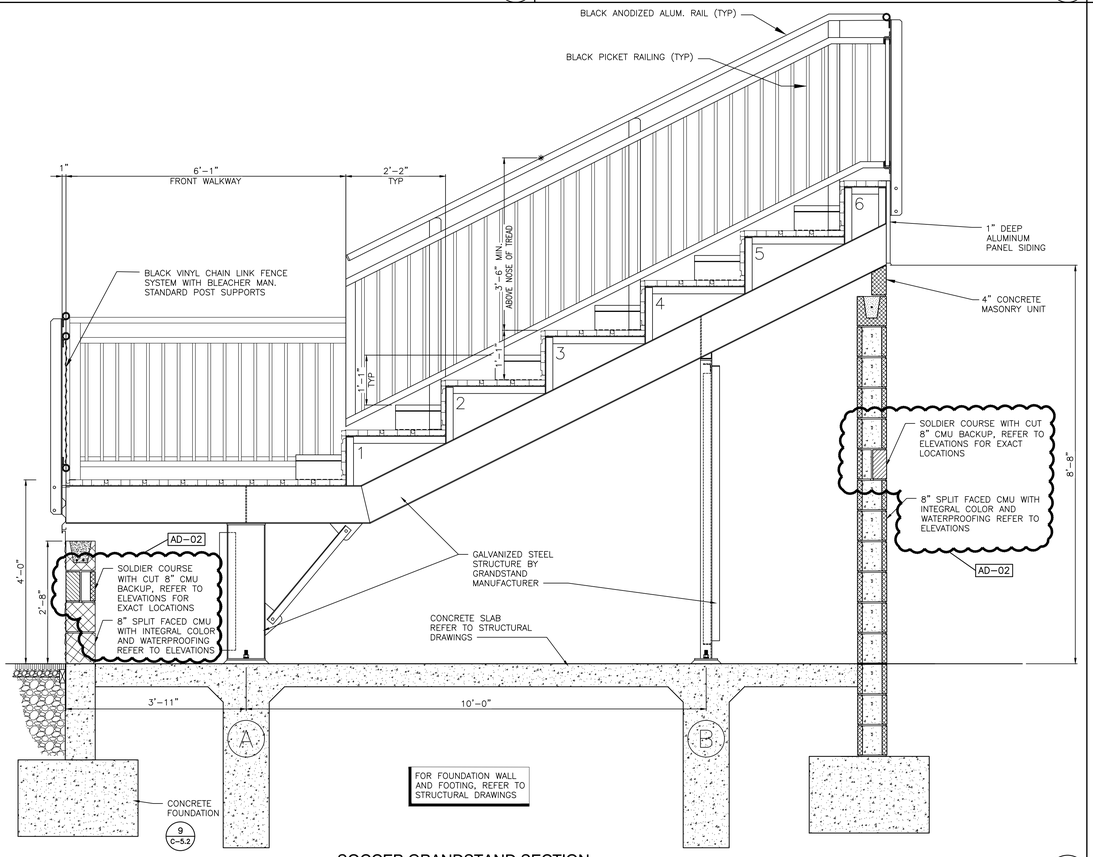
4 A-405




## BASEBALL GRANDSTAND SECTION

SCALE: 3/4" = 1'-0"

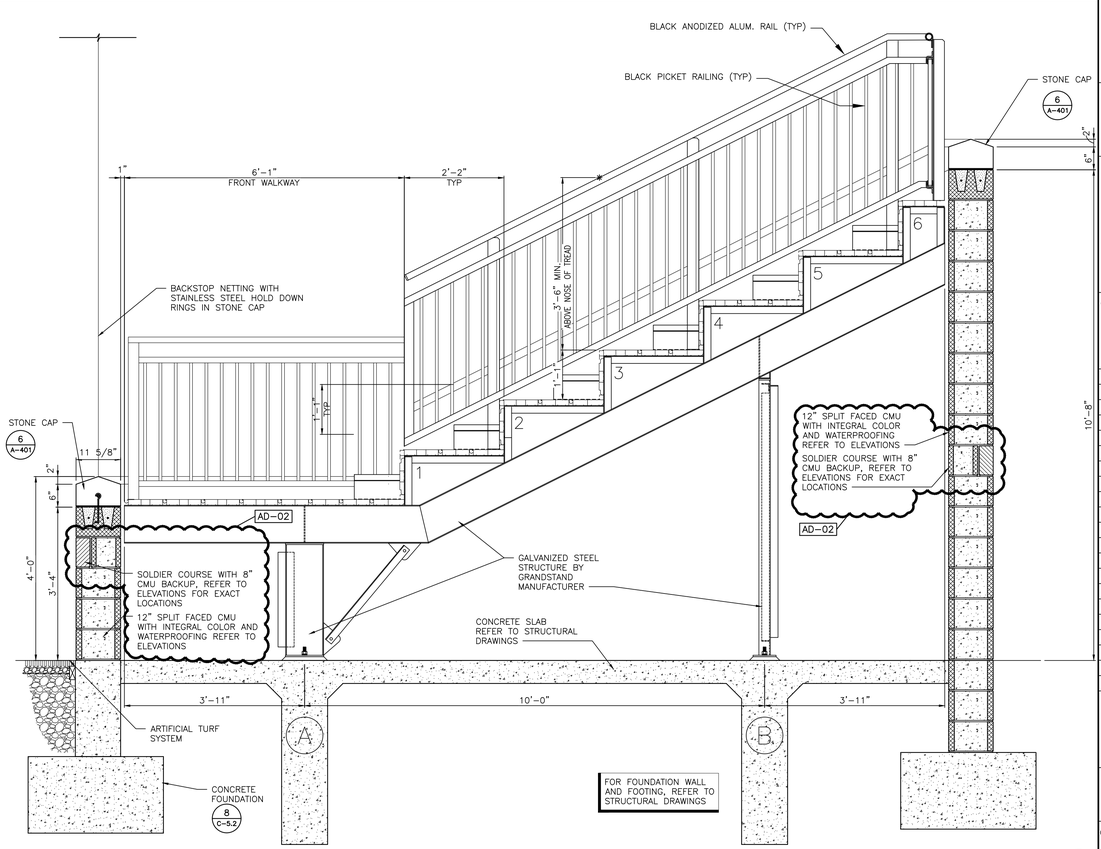
2 A-405




## SOCCER GRANDSTAND SECTION

SCALE: 3/4" = 1'-0"

3 A-405




## SOFTBALL GRANDSTAND SECTION

SCALE: 3/4" = 1'-0"

1 A-405

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# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
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DRAWING

SITE BUILDINGS - SOFTBALL, BASEBALL, AND SOCCER GRANDSTAND SECTIONS

PROJECT

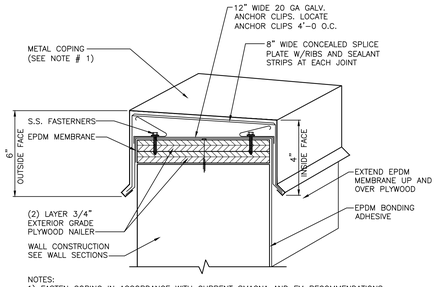
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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A-405-SB

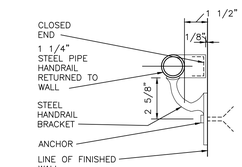
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Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\23-XXX DRAWINGS\05 ARCH\A-405-SB.DWG




NOTES:
1) FASTEN COPING IN ACCORDANCE WITH CURRENT SMACNA AND FM RECOMMENDATIONS.

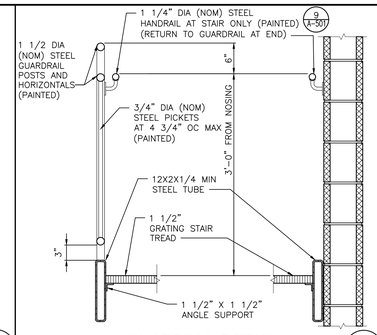
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SCALE: 3" = 1'-0"

12 A-501



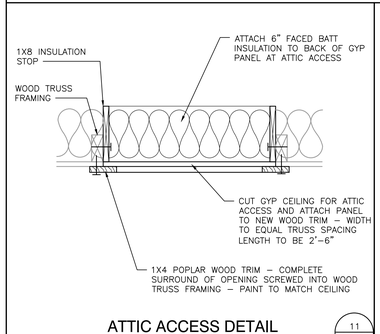

## PAINTED STEEL HANDRAIL BRACKET
SCALE: 3" = 1'-0"

9 A-501



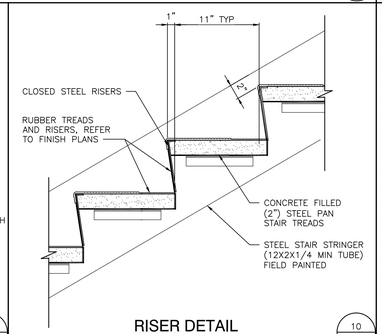

## GUARDRAIL DETAIL
SCALE: 1" = 1'-0"

4 A-501



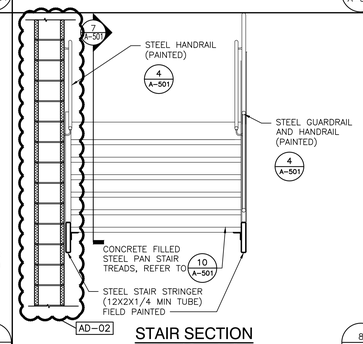

## ATTIC ACCESS DETAIL
SCALE: 1 1/2" = 1'-0"

11 A-501



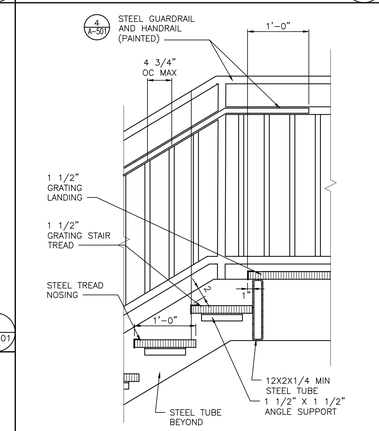

## RISER DETAIL
SCALE: 1 1/2" = 1'-0"

10 A-501



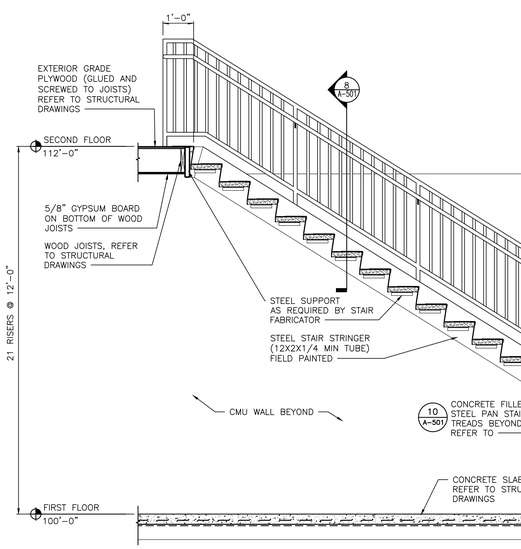

## STAIR SECTION
SCALE: 1/2" = 1'-0"

8 A-501



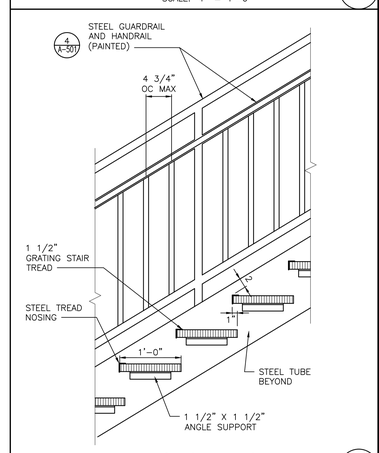

## STAIR DETAIL
SCALE: 1" = 1'-0"

3 A-501



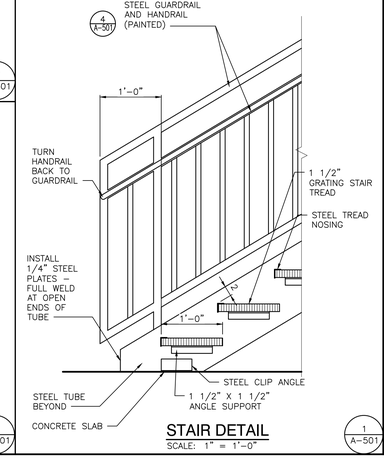

## STAIR SECTION
SCALE: 1/2" = 1'-0"

7 A-501



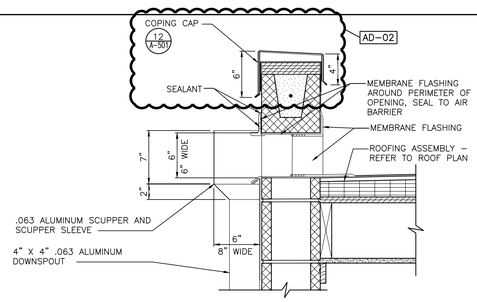

## STAIR DETAIL
SCALE: 1" = 1'-0"

2 A-501



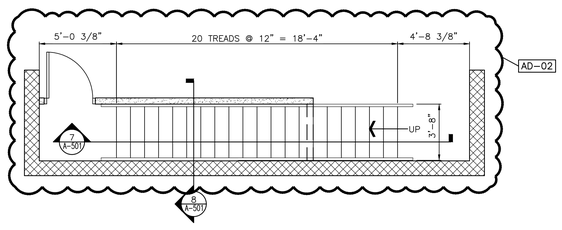

## STAIR DETAIL
SCALE: 1" = 1'-0"

1 A-501



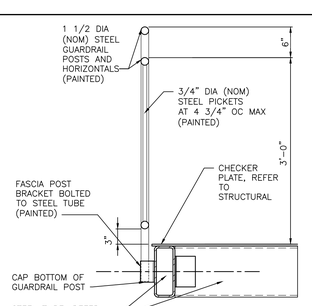

## SCUPPER DETAIL
SCALE: 1 1/2" = 1'-0"

13 A-501




## STAIR PLAN
SCALE: 1/4" = 1'-0"

6 A-501




## GUARDRAIL DETAIL
SCALE: 1" = 1'-0"

5 A-501

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

GIBRALTAR DESIGN
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PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

| MARK | DATE | ISSUED FOR |
|---|---|---|
| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

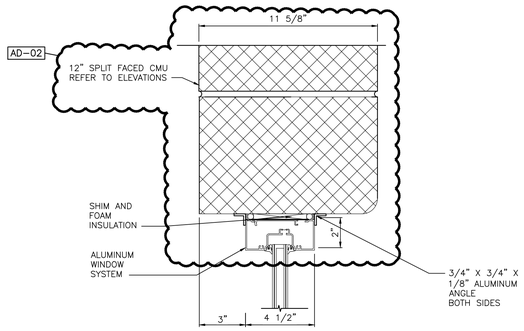
DRAWING
SITE BUILDINGS - TYPICAL DETAILS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET
A-501-SB

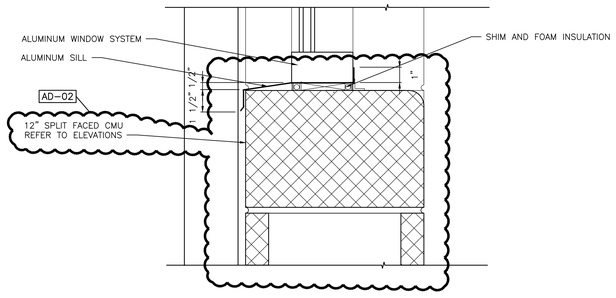
Wednesday, 10/18/2023 – 11:39 AM – LAST SAVED BY:DBURNS
Y:\23-112 TRI-CREEK Sc – LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-501-SB.DWG




## WINDOW JAMB DETAIL

SCALE: 3" = 1'-0"

5 A-601

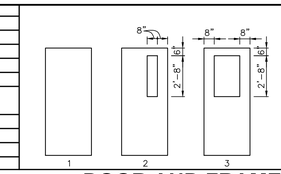



## WINDOW SILL DETAIL

SCALE: 3" = 1'-0"

4 A-601

| GLASS SCHEDULE | |
|---|---|
| MK | GLASS TYPES |
| A | 1/4" CLEAR TEMPERED |
| B | 1" INSUL. GLASS |




| LOUVER SCHEDULE | |
|---|---|
| MK | LOUVER SIZE |

# DOOR AND FRAME SCHEDULE

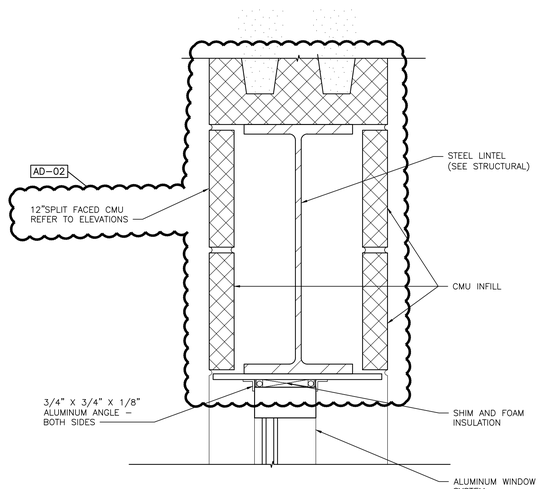
| | DOOR | | | | | GLASS | | | FRAME | | | | | LABEL | HARDWARE | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO. | DESCRIPTION | TYPE | DOOR SIZE (WxH) (INCHES) | MATERIAL | LOU | DOOR | SIDE LGT | TRA | MAT'L | WIDTH | JAMB | HEAD | SILL | ELEV | | EXIT DEVICE | CLOSER | |
| A-101A (A) | DOUBLE | 1 | PR 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF2 | | | | 1,11,12 |
| A-101A (B) | DOUBLE | 1 | PR 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF2 | | | | 2,11,12 |
| A-101A (C) | DOUBLE | 1 | PR 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF2 | | | | 3,11,12 |
| A-101B (A) | SINGLE | 1 | 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 1,11 |
| A-101B (B) | SINGLE | 1 | 36 x 70 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 2,11 |
| A-101B (C) | SINGLE | 1 | 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 3,11 |
| A-201A (A) | SINGLE | 2 | 36 x 86 | FRP | | A | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 1 |
| A-201A (B) | SINGLE | 2 | 36 x 86 | FRP | | A | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 2 |
| A-201A (C) | SINGLE | 2 | 36 x 86 | FRP | | A | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 3 |
| B-101A (A) | DOUBLE | 1 | PR 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF2 | | | | 4,11,12 |
| B-101A (B) | DOUBLE | 1 | PR 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF2 | | | | 5,11,12 |
| C-101A (A) | SINGLE | 1 | 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 6,11 |
| C-101A (B) | SINGLE | 1 | 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 7,11 |
| C-101B (A) | OVERHEAD COILING DOOR | | 120 x 120 | | | | | | | | | | | | | | | 6,11 |
| C-101B (B) | OVERHEAD COILING DOOR | | 120 x 120 | | | | | | | | | | | | | | | 7,11 |
| C-101C (A) | OVERHEAD COILING DOOR | | 120 x 120 | | | | | | | | | | | | | | | 6,11 |
| C-101C (B) | OVERHEAD COILING DOOR | | 120 x 120 | | | | | | | | | | | | | | | 7,11 |
| C-101D (A) | SINGLE | 1 | 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 6,11 |
| C-101D (B) | SINGLE | 1 | 36 x 86 | FRP | | | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 7,11 |
| D-101A (A) | SINGLE | 3 | 36 x 86 | FRP | | B | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 8,11 |
| D-101A (B) | SINGLE | 3 | 36 x 86 | FRP | | B | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 9,11 |
| D-101A (C) | SINGLE | 3 | 36 x 86 | FRP | | B | | | AL | 4 1/2" | J1 | H1 | | SF1 | | | | 10,11 |

### GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES.
B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.

### DOOR SCHEDULE NOTES (REMARKS):

1. SOCCER PRESS BOX
2. VARSITY BASEBALL PRESS BOX
3. VARSITY SOFTBALL PRESS BOX
4. JV BASEBALL HOME DUGOUT
5. JV SOFTBALL HOME DUGOUT
6. ATHLETIC STORAGE SOUTH
7. ATHLETIC STORAGE NORTH
8. TICKET BOOTH SOUTHEAST
9. TICKET BOOTH SOUTHWEST
10. TICKET BOOTH NORTH
11. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC.
12. KEYED REMOVABLE MULLION.



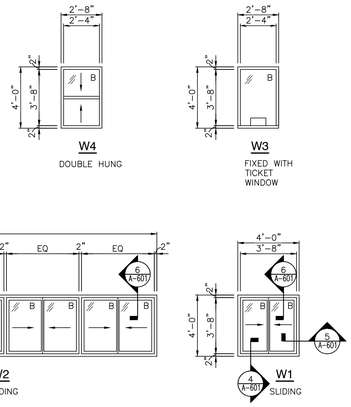

## WINDOW HEAD DETAIL

SCALE: 3" = 1'-0"

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## NOTES - ALUMINUM WINDOWS (W)

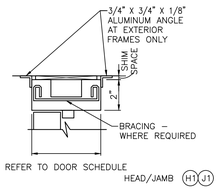
1. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL WINDOW FRAMING WHERE FRAMING ABUTES DISIMILLAR MATERIALS.
2. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR WINDOW FRAMING.
3. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
4. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
5. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.




## ALUMINUM WINDOW ELEVATIONS (W)

SCALE: 1/4" = 1'-0"

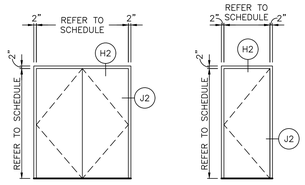
3 A-601




## STOREFRONT FRAME PROFILES

SCALE: 3" = 1'-0"

2 A-601




### NOTES - ALUMINUM STOREFRONT (SF)

1. FOR STOREFRONT HEAD, JAMB, AND SILL DETAILS REFER TO WALL SECTIONS AND ALUMINUM STOREFRONT (SF) FRAME PROFILES (2/A-610)
2. PROVIDE SHIM SPACE, BACKER ROD, AND SEALANT AROUND PERIMETER OF ALL FRAMES WHERE FRAMING ABUTS DISSIMILAR MATERIAL
3. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR STOREFRONT FRAMING
4. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION
5. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING
6. REFER TO DOOR AND FRAME SCHEDULE FOR GLASS SCHEDULE
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES
8. PROVIDE 3/4"X3/4" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL FRAMES UNLESS NOTED OTHERWISE. SET SCRIBE MOLDS IN SEALANT.

## ALUMINUM STOREFRONT ELEVATIONS (SF)

SCALE: 1/4" = 1'-0"

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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING

## SITE BUILDINGS - DOOR AND FRAME SCHEDULE, PROFILES, ELEVATIONS, AND DETAILS

PROJECT

LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

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SHEET

# A-601-SB

Tuesday, 10/17/2023 - 6:48 PM - LAST SAVED BY:DBURNS
Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\05 ARCH\A-601-SB.DWG

# ELECTRIC HEATER SCHEDULE

| MARK | EXAMPLE MANUFACTURER MODEL NO. | LOCATION | ARRANGEMENT | CFM | CAP. MBH | EAT | ELECTRICAL | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | KW | AMPS | VOLTS | PHASE | |
| EWH-1 | Q-MARK AWH-4404 | SOCCER PRESS | ARCHITECURAL WALL HEATER | 100 | 10.2 | 65 | 3.0 | 14.5 | 208 | 1 | NOTE 1 |
| EWH-2 | Q-MARK AWH-4404 | BB PRESS | ARCHITECURAL WALL HEATER | 100 | 10.2 | 65 | 3.0 | 14.5 | 208 | 1 | NOTE 1 |
| EWH-3 | Q-MARK AWH-4404 | SB PRESS | ARCHITECURAL WALL HEATER | 100 | 10.2 | 65 | 3.0 | 14.5 | 208 | 1 | NOTE 1 |
| EH-TB1 | Q-MARK CDF-548 | TICKET BOOTH | SURFACE MTD. CEILING HEATER | 300 | 10.2 | 65 | 3.0 | 14.4 | 208 | 1 | NOTE 2 |
| | | | | | | | | | | | |

NOTES:
1. WALL HEATER SHALL HAVE TRIM KIT FOR SURFACE MOUNT, DISCONNECT SWITCH AND INTEGRAL TAMPER PROOF THERMOSTAT.
2. CEILING HEATER SHALL HAVE TRIM KIT FOR SURFACE MOUNTING, DISCONNECT SWITCH AND REMOTE TAMPER PROOF THERMOSTAT.

# CEILING FAN SCHEDULE

| CF MARK | EXAMPLE MANUFACTURER MODEL NO. | LOCATION | FAN TYPE AND DESCRIPTION | CFM | RPM | DRIVE TYPE | MOTOR DATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | HP (AMPS) | RPM | VOLTS | PH |
| PB1 | QMARK LEADING EDGE 36201 | PRESS BOXES | HEAVY DUTY CEILING FAN | 12,500 MAX | 395 | DIRECT | .65 AMPS | 395 | 120 | 1 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

NOTES:
1. PROVIDE FAN WITH 12" DOWNROD AND WALL MOUNTED FAN SPEED CONTROLLER (WITH ON/OFF SWITCH) BY FAN MANUFACTURER, INSTALLED BY EC.

AD-2

# MECHANICAL LEGEND

| NAME | SYMBOL | ABBREVIATION |
|---|---|---|
| HEATING SYSTEM WATER SUPPLY | HS | HS |
| HEATING SYSTEM WATER RETURN | HR | HR |
| CHILLED WATER SUPPLY | CH | CH |
| CHILLED WATER RETURN | CHR | CHR |
| CONDENSATE DRAIN | D | D |
| CONDENSATE PUMP DISCHARGE | PD | PD |
| REFRIGERANT LIQUID PIPING | RL | RL |
| REFRIGERANT GAS SUCTION PIPING | RS | RS |
| REFRIGERANT GAS DISCHARGE PIPING | RG | RG |
| GAS PIPING | G | G |
| FLOW IN DIRECTION OF ARROW | | |
| PITCH DOWN IN DIRECTION OF ARROW | | |
| SHUT-OFF VALVE | | |
| TRIPLE DUTY VALVE | | |
| CHECK VALVE | | |
| TEMPERATURE REGULATING VALVE | | |
| BALANCING VALVE | | |
| PRESSURE RELIEF VALVE | | |
| PRESSURE REGULATING VALVE | | |
| UNION | | |
| PIPE ANCHOR | | |
| PIPING DROP WITH RESPECT TO FLOW | | |
| PIPING RISE WITH RESPECT TO FLOW | | |
| PIPE TEE OUT OF TOP | | |
| PIPE TEE OUT OF BOTTOM | | |
| PRESSURE GAUGE | | |
| THERMOMETER | | |
| STRAINER | | |
| AUTOMATIC AIR VENT | | |
| THERMOSTAT FOR VERTICAL UNIT VENTILATOR | TH | COMBO TEMPERATURE AND HUMIDITY |
| THERMOSTAT | T TC TG TN | C=CONCEALED, G=GUARD, N=NIGHT |
| FLEXIBLE DUCT | | |
| (SINGLE LINE) SUPPLY SHEET METAL DUCT | | |
| (SINGLE LINE) RETURN SHEET METAL DUCT | | |
| (SINGLE LINE) EXHAUST DUCT | | |
| (SINGLE LINE) DUCT TRANSITION-SYMMETRIC REDUCTION | | |
| DUCT SIZE (1ST FIGURE=WIDTH, 2ND FIGURE=DEPTH) | 12X10 OR 12X10 | |
| ROUND DUCT SIZE | 12"ø OR 12"ø | |
| DUCT DROP WITH RESPECT TO FLOW | | |
| DUCT RISE WITH RESPECT TO FLOW | R | |
| DUCT SIZE (1ST FIGURE=WIDTH, 2ND FIGURE=DEPTH) | 12X10 | |
| ROUND DUCT SIZE | 12"ø | |
| FLAT-OVAL DUCT SIZE | 24X12⇔ | |
| SUPPLY DUCT SECTION | | |
| EXHAUST OR RETURN AIR DUCT SECTION | | |
| SUPPLY RISER | | |
| EXHAUST, RELIEF OR RETURN RISER | | |
| MANUAL VOLUME DAMPER | | VD |
| FIRE DAMPER | | FD |
| BACKDRAFT DAMPER | | BDD |
| MOTORIZED DAMPER | | MD |
| SMOKE DAMPER OR COMBINATION FIRE/SMOKE DAMPER | | SD FSD |
| SMOKE DETECTOR | | |
| EXHAUST GRILLE OR REGISTER | | EG-XX |
| RELIEF GRILLE | | REG-XX |
| RETURN AIR REGISTER OR GRILLE | | RG-XX |
| SUPPLY AIR REGISTER OR GRILLE | | SR-XX |
| SUPPLY DIFFUSER & CFM | | CD-X-XX |
| LINEAR SLOT DIFFUSER & CFM | | SD-XX |
| EXHAUST FAN & SCHEDULE DESIGNATION | | EF-XX |
| ROOF EXHAUST FAN | | |
| SHUT OFF VALVE WITH MEMORY STOP | MS | |
| CHILLER & SCHEDULE DESIGNATION | | CH-XX |
| | | |
| CABINET UNIT HEATER & SCHEDULE DESIGNATION | | CUH-XX |
| GAS FIRED BOILER & SCHEDULE DESIGNATION | | BLR-XX |
| AIR COOLED CONDENSING UNIT & SCHEDULE DESIGNATION | | ACCU-XX |
| CIRCULATING PUMP & SCHEDULE DESIGNATION | | CHP-XX |
| UNIT HEATER & SCHEDULE DESIGNATION | | UH-XX |
| VERTICAL UNIT VENTILATOR & SCHEDULE DESIGNATION | | VUV-XX |
| INDOOR MINI SPLIT & SCHEDULE DESIGNATION | | MS-XX |
| | | |
| WATER FLOW CONTROL REGULATOR | | |
| PRESSURE/TEMPERATURE TEST PORT | T | P/T |
| VARIABLE FREQUENCY DRIVE | VFD | |
| PRESSURE SENSOR | PS | |
| PRESSURE TRANSMITTER | PT | |
| INSIDE ROOF CONDUCTOR | RC | RC |
| ROOF DRAIN OR OVERFLOW ROOF DRAIN | RD OFD | RD OFD |
| PLUMBING VENT THRU ROOF | | VTR |
| MECHANICAL OR ELECTRICAL CONTRACTOR | | MC, EC |
| TEMPERATURE CONTROL CONTRACTOR | | TCC |
| NORTH, SOUTH, EAST, WEST | | N., S., E., W. |
| ELEVATION | | EL. |
| POINT OF CONNECTION, PROPOSED NEW TO EXISTING | | |

(NOT ALL SYMBOLS AND ABBREVIATIONS MAY APPLY FOR THIS PROJECT)

# GENERAL MECHANICAL NOTES

(APPLY TO ALL MECHANICAL SHEETS)

1. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL NEW AND DEMOLITION WORK SHOWN ON THESE SHEETS UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID AND MODIFY WORK AS REQUIRED FOR ANY VARIATIONS OR DEVIATIONS FROM THOSE SHOWN ON THESE SHEETS.
3. REFER TO ARCHITECTURAL, STRUCTURAL AND ELECTRICAL SHEETS AND COORDINATE ALL WORK.
4. ALL DUCTWORK AND EQUIPMENT ABOVE CEILING SHALL BE PLACED TO AVOID LIGHTING FIXTURES, JOISTS, BEAMS, ETC.
5. CONTRACTOR SHALL CORE DRILL HOLES THROUGH FLOORS, WALLS, DECKS, ETC. WHERE PASSAGE IS NOT AVAILABLE TO INSTALL NEW PIPING. PROVIDE PIPE SLEEVES AND PROPERLY SEAL ALL PIPE PENETRATIONS AS REQUIRED. REFER TO SPECIFICATIONS.
6. ALL COOLING EQUIPMENT CONDENSATE DRAINS ABOVE GRADE SHALL BE TYPE "L" HARD COPPER TUBING AND SHALL BE SIZED AS FOLLOWS: 3/4" DRAIN FOR ONE COIL, 1 1/4" DRAIN FOR TWO COILS, 1 1/2" DRAIN FOR THREE COILS, 2" DRAIN FOR FOUR OR MORE COILS. ALL BELOW GRADE DRAINS SHALL BE 2" EXTRA HEAVY CAST IRON SOIL PIPE AND SHALL SLOPE 1/8" PER 1'-0" UNLESS OTHERWISE NOTED.
7. ROUGH-IN FOR ALL TEMPERATURE CONTROL SENSORS WITHIN THE BUILDING SHALL BE DONE BY THE ELECTRICAL CONTRACTOR, REFER TO THE FLOOR PLANS FOR LOCATIONS. DIVISION 26 TO PROVIDE ROUGH-IN BOXES AND CONDUITS AS NEEDED.

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REVISIONS

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| AD-02 | 10/20/23 | ADDENDUM #2 |

DRAWING
SITE BUILDINGS MECHANICAL GENERAL NOTES & LEGEND

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET
M-001-SB


Wednesday, 10/18/2023 - 11:30 AM - LAST SAVED BY:TWINSLOW
X:\2023 PROJECTS\23-115 LOWELL HS RENOVATIONS & NEW SPORTS COMPLEX - TRI-CREEK SC - LOWELL HS IMPROVEMENTS\2X-XXX DRAWINGS\07 MECH\M-001SB.DWG

## GENERAL NOTES:

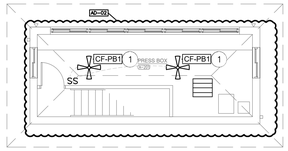
1. SEE SHEET M-001 FOR GENERAL MECHANICAL NOTES, LEGEND AND SCHEDULES.

## PLAN NOTES:

(1) CEILING FAN WITH WALL SWITCH CONTROL.

(2) SURFACE MOUNTED WALL HEATER WITH FAN.

(3) SURFACE MOUNTED CEILING HEATER WITH FAN AND REMOTE MOUNTED WALL THERMOSTAT IN TICKET BOOTH. THIS APPLIES TO MULTIPLE TICKET BOOTHS, SEE SITE PLANS FOR NUMBER OF BOOTHS.




UPPER LEVEL

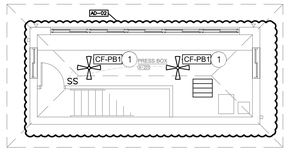



LOWER LEVEL

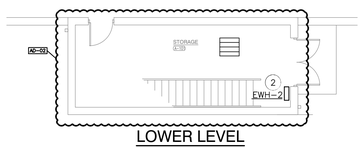
## SOCCER PRESSBOX MECHANICAL PLANS

SCALE: 1/8" = 1'-0"




UPPER LEVEL

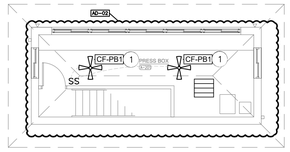



LOWER LEVEL

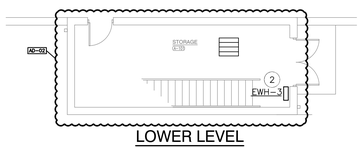
## BASEBALL PRESSBOX MECHANICAL PLANS

SCALE: 1/8" = 1'-0"




UPPER LEVEL

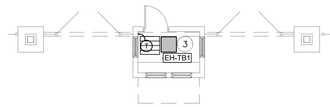



LOWER LEVEL

## SOFTBALL PRESSBOX MECHANICAL PLANS

SCALE: 1/8" = 1'-0"




THERE ARE MULTIPLE TICKET BOOTHS ON PROPERTY, CONTRACTOR SHALL COORDINATE QUANTITIES.

## TICKET BOOTH MECHANICAL PLAN

SCALE: 1/8" = 1'-0"




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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

GIBRALTAR DESIGN
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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-115
DATE 09/25/23
COORDINATED BY AAW
DRAWN BY AAW
CHECKED BY JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

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|---|---|---|
| AD-02 | 10/20/23 | ADDENDUM #2 |

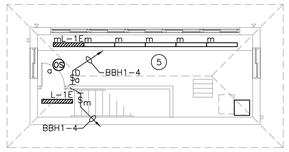
DRAWING
SITE BUILDING MECHANICAL PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

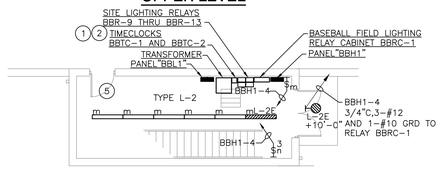
© GIBRALTAR DESIGN

SHEET
M-101-SB

Wednesday, 10/18/2023 - 11:31 AM - LAST SAVED BY:TWINSLOW
Y:\23-112 TRI-CREEK SC - LOWELL HS SITE IMPROVEMENTS\2X-XXX DRAWINGS\07 MECH\M-101SB.DWG



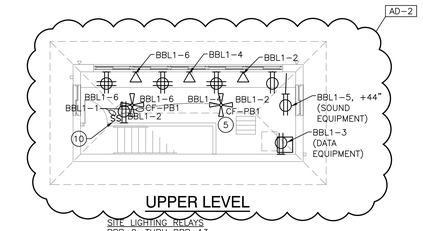

UPPER LEVEL



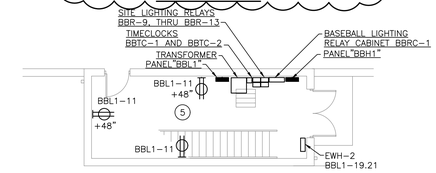

LOWER LEVEL

# BASEBALL PRESSBOX ELECTRICAL LIGHTING PLANS

SCALE: 1/8" = 1'-0"




UPPER LEVEL




LOWER LEVEL

# BASEBALL PRESSBOX ELECTRICAL POWER PLANS

SCALE: 1/8" = 1'-0"

## GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.

## ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

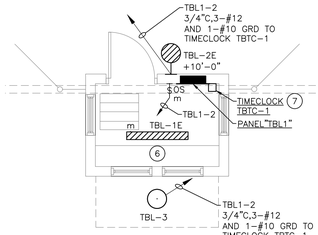
5. PROVIDE ALL LIGHTING FIXTURES, RECEPTACLES, SWITCHES, ETC. AS WELL AS BRANCH CIRCUITS. ALL OTHER ELECTRICAL EQUIPMENT (PANELBOARDS, TRANSFORMERS, RELAYS, SPORTS LIGHTING RELAY CABINETS, TIMECLOCKS, DISCONNECTS, ETC SHOWN ARE PROVIDED AS PART OF LOWELL HIGH SCHOOL SITE, BLEACHERS AND TURF/DRAINAGE PROJECT.
6. PROVIDE ALL LIGHTING FIXTURES, RECEPTACLES, SWITCHES, TIMECLOCKS, ETC. AS WELL AS BRANCH CIRCUITS. ALL OTHER ELECTRICAL EQUIPMENT (PANELBOARDS SHOWN ARE PROVIDED AS PART OF LOWELL HIGH SCHOOL SITE, BLEACHERS AND TURF/DRAINAGE PROJECT.
7. TORK DZS100BP SINGLE CHANNEL DIGITAL TIMECLOCKS TBTC-1 (TBL1-1) CONTROLS EXTERIOR LIGHTS.
8. TORK DZS100BP SINGLE CHANNEL DIGITAL TIMECLOCKS TBTC-2 (TBL2-1) CONTROLS EXTERIOR LIGHTS.
9. TORK DZS100BP SINGLE CHANNEL DIGITAL TIMECLOCKS TBTC-3 (TBL3-1) CONTROLS EXTERIOR LIGHTS.
10. CEILING FAN CONTROLLER BY CEILING FAN INSTALLER. INSTALLED BY DIVISION 26.

AD-2

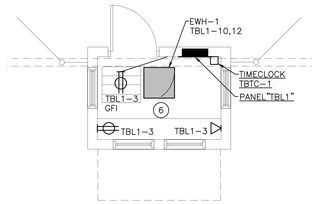
## ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. TORK DZS200BP FOUR CHANNEL DIGITAL TIMECLOCK BBTC-1. CHANNEL ONE CONTROLS RELAY BBR-9 (EXTERIOR LIGHTS), CHANNEL TWO CONTROLS RELAY BBR-10 (VARSITY BASEBALL FIELD FLAG POLE LIGHT), CHANNEL THREE CONTROLS RELAY BBR-13 (JV BASEBALL FIELD FLAG POLE LIGHT) AND CHANNEL FOUR IS A SPARE. (CIRCUIT BBH1-32). TIMECLOCKS AND WIRING TO FLAG POLE LIGHTS PROVIDED AS PART OF LOWELL HIGH SCHOOL SITE, BLEACHERS AND TURF/DRAINAGE PROJECT. PROVIDE WIRING TO BUILDING EXTERIOR LIGHTS.
2. TORK DZS200BP TWO CHANNEL DIGITAL TIMECLOCK BBTC-2 CHANNEL ONE CONTROLS RELAY BBR-11 (NORTHEAST PARKING LOT LIGHTS LIGHTS) AND CHANEL TWO CONTROLS BBR-12 (NORTH DRIVE LIGHTS). (CIRCUIT BBH1-36). TIMECLOCKS AND WIRNG TO SITE LIGHTING PROVIDED AS PART OF LOWELL HIGH SCHOOL SITE, BLEACHERS AND TURF/DRAINAGE PROJECT.
3. TORK DZS400BP FOUR CHANNEL DIGITAL TIMECLOCK SBTC-1. CHANNEL ONE CONTROLS RELAY SBR-5 (EXTERIOR LIGHTS), CHANNEL TWO CONTROLS SBR-6 (VARSITY SOFTBALL FIELD FLAG POLE LIGHTS) AND CHANNEL THREE CONTROLS RELAY SBR-7 (JV SOFTBALL FIELD FLAG POLE LIGHT) AND CHANNEL FOUR IS A SPARE. (CIRCUIT SBH1-1). TIMECLOCKS AND WIRING TO FLAG POLE LIGHTS PROVIDED AS PART OF LOWELL HIGH SCHOOL SITE, BLEACHERS AND TURF/DRAINAGE PROJECT. PROVIDE WIRING TO BUILDING EXTERIOR LIGHTS.
4. TORK DZS400BP FOUR CHANNEL DIGITAL TIMECLOCK SFTC-1). CHANNEL ONE CONTROLS RELAY SFR-5 (EXTERIOR LIGHTS), CHANNEL TWO CONTROLS SFR-6 (FLAG POLE LIGHTS), CHANNEL THREE CONTROLS RELAY SFR-7 (WEST PARKING LOT LIGHTS) AND CHANNEL FOUR IS A SPARE. (CIRCUIT SFH1-1). TIMECLOCKS AND WIRING TO FLAG POLE LIGHTS PROVIDED AS PART OF LOWELL HIGH SCHOOL SITE, BLEACHERS AND TURF/DRAINAGE PROJECT. PROVIDE WIRING TO BUILDING EXTERIOR LIGHTS.



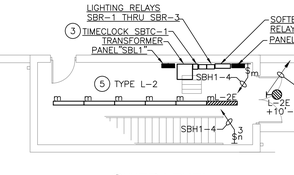

LIGHTING PLAN




POWER PLAN

# TICKET BOOTH #1 ELECTRICAL PLANS

SCALE: 1/4" = 1'-0"



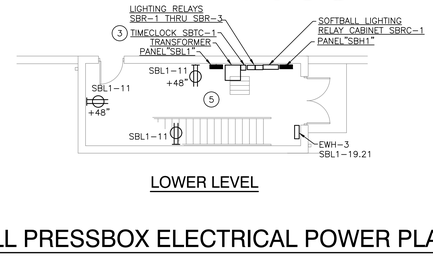

UPPER LEVEL




LOWER LEVEL

# SOFTBALL PRESSBOX ELECTRICAL LIGHTING PLANS

SCALE: 1/8" = 1'-0"



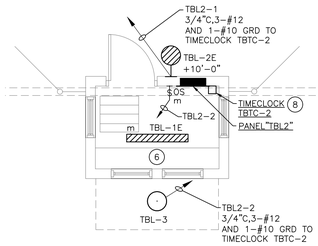

UPPER LEVEL



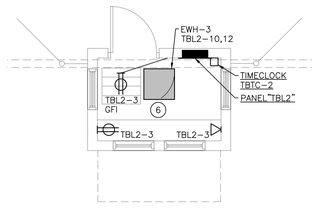

LOWER LEVEL

# SOFTBALL PRESSBOX ELECTRICAL POWER PLANS

SCALE: 1/8" = 1'-0"



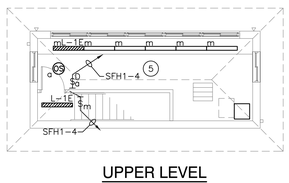

LIGHTING PLAN



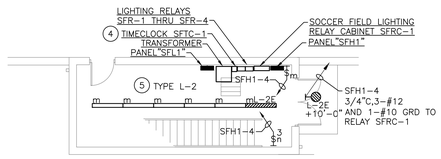

POWER PLAN

# TICKET BOOTH #2 ELECTRICAL PLANS

SCALE: 1/4" = 1'-0"



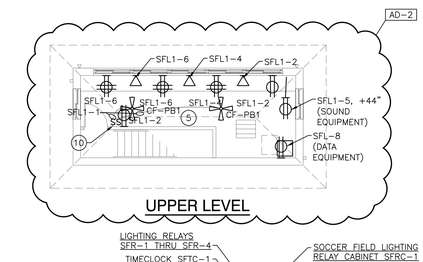

UPPER LEVEL



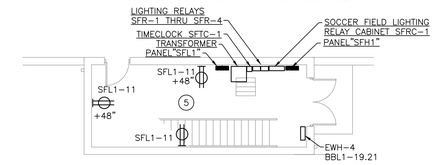

LOWER LEVEL

# SOCCER PRESSBOX ELECTRICAL LIGHTING PLANS

SCALE: 1/8" = 1'-0"



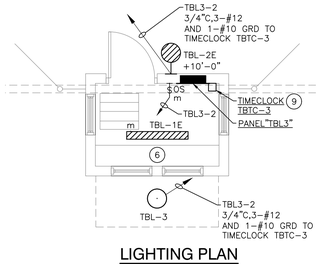

UPPER LEVEL



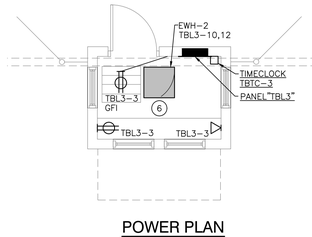

LOWER LEVEL

# SOCCER PRESSBOX ELECTRICAL POWER PLANS

SCALE: 1/8" = 1'-0"




LIGHTING PLAN




POWER PLAN

# TICKET BOOTH #3 ELECTRICAL PLANS

SCALE: 1/4" = 1'-0"

NORTH

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PROJECT

# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

TRI-CREEK SCHOOL CORPORATION

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PROJECT
23-115
DATE
09/25/23
COORDINATED BY
PCB
DRAWN BY
PCB/JVC
CHECKED BY
JPB

JOSEPH P. BRIGGS
REGISTERED
NO.
11600109
STATE OF
INDIANA
ARCHITECT

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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
SITE BUILDINGS ELECTRICAL PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

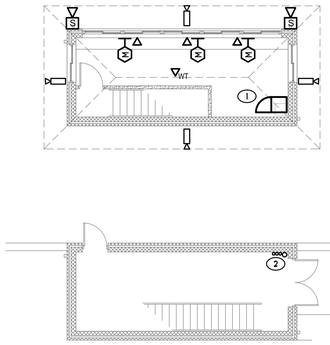
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SHEET
E-102-SB

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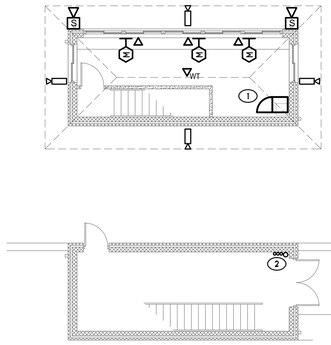
## SHEET NOTES

1. NEW WALL MOUNTED TELECOM RACK. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. CONDUIT STUB UPS PROVIDED UNDER SEPARATE BID PACKAGE. EXTEND TO WALL CABINET ABOVE VIA ACCESSIBLE CEILING SPACE.



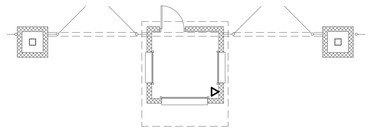

BASEBALL PRESSBOX TECHNOLOGY PLANS
SCALE: 1/8" = 1'-0"

PLAN NORTH



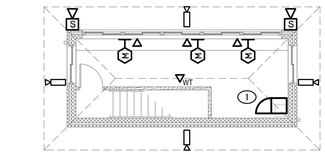

SOFTBALL PRESSBOX TECHNOLOGY PLANS
SCALE: 1/8" = 1'-0"

PLAN NORTH



TICKET BOOTH #1 TECHNOLOGY PLANS
SCALE: 1/8" = 1'-0"

PLAN NORTH





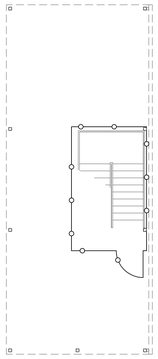


SOCCER PRESSBOX TECHNOLOGY PLANS
SCALE: 1/8" = 1'-0"

PLAN NORTH



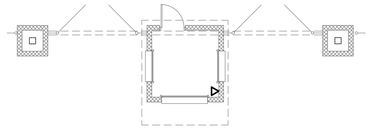

UPPER LEVEL



LOWER LEVEL

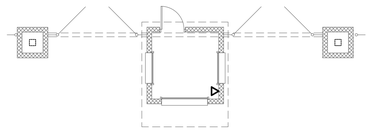
TENNIS PLATFORM TECHNOLOGY PLANS
SCALE: 1/8" = 1'-0"

PLAN NORTH



TICKET BOOTH #2 TECHNOLOGY PLANS
SCALE: 1/8" = 1'-0"

PLAN NORTH



TICKET BOOTH #3 TECHNOLOGY PLANS
SCALE: 1/8" = 1'-0"

PLAN NORTH

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DESIGN
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MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION


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Indianapolis, IN 46260
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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778


PROJECT
23-115
DATE
09/22/23
COORDINATED BY
SM
DRAWN BY
JC,SM
CHECKED BY
DJ


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REVISIONS

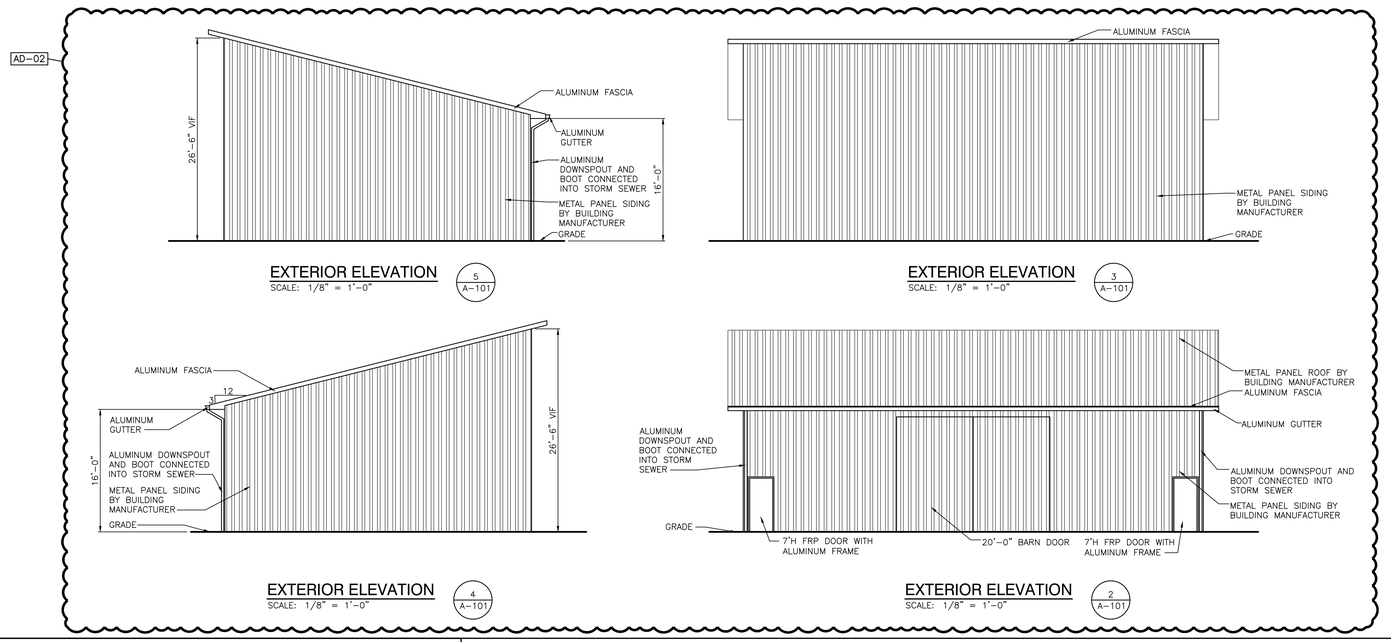
| MARK | DATE | ISSUED FOR |
|---|---|---|
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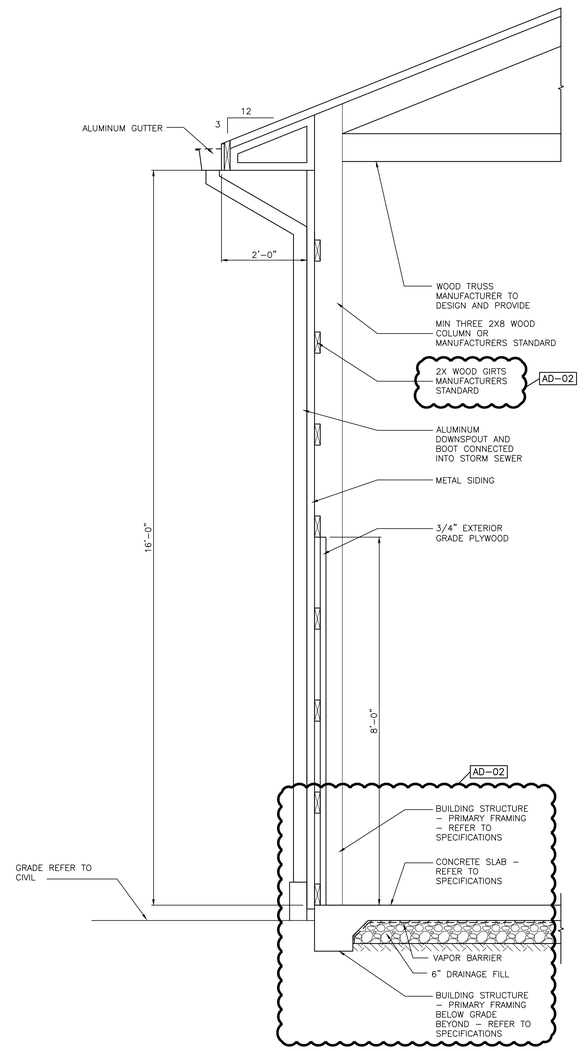
DRAWING
SITE BUILDINGS TECHNOLOGY PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

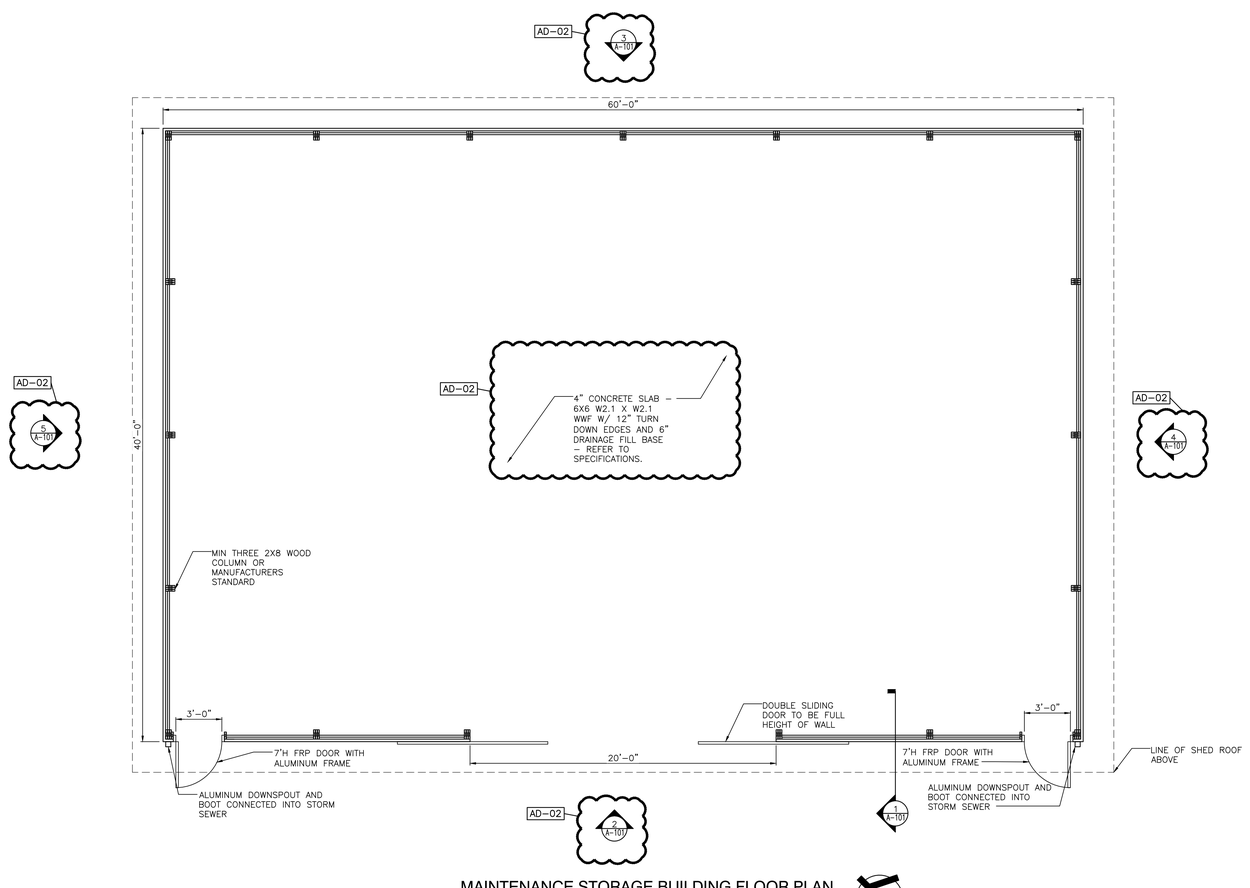

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SHEET
T-101-SB




WALL SECTION
SCALE: 3/4" = 1'-0"
1
A-101




MAINTENANCE STORAGE BUILDING FLOOR PLAN
SCALE: 1/4" = 1'-0"

## LIFE SAFETY GENERAL NOTE:

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## MAINTENANCE STORAGE BUILDING CODE SUMMARY:

| | |
|---|---|
| Applicable Code: | 2014 Indiana Building Code (IBC 2012) |
| Building Description: | The maintenance storage building will be 2,400 sq ft, and will be used for storage of site maintenance equipment. |
| Occupancy Classifications: | Moderate hazard storage. - S-1 Occupancy [311.2] |
| Construction Type | Type VB (combustible, unprotected) Construction permitted based upon allowable area. [Table 503.1] |
| Allowable Area: | Tabular Area: 9,000 sf.<br>Actual Area: 2,400 sf. [Table 503] |
| Building Elements - Fire-resistive Requirements | Building elements, including bearing walls and roof are permitted to be of combustible, unprotected construction. [Table 601]<br>Exterior walls are permitted to be non-rated, noncombustible construction, since having at least 10 feet of fire separation distance. [Table 602] |
| Incidental Use Separation: | Not applicable to this project. [Table 509] |
| Means of Egress | 2 means of egress provided. [1015.1] |
| Exist Access Travel Distance: | The maximum travel distance to an exterior exit is permitted to be 200 feet. [1016.1] |
| Panic Hardware | Not required for S-1 Occupancy. [1008.1.10] |
| Automatic Sprinklers: | Automatic sprinklers are not required based upon a fire area of less than 12,000 sq ft. [903.2.9] |
| Fire Alarm System: | Fire alarm system not required for S-1 Occupancy. [907.2.2] |

## GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

K. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL

GIBRALTAR DESIGN
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PROJECT
# LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX
TRI-CREEK SCHOOL CORPORATION

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PROJECT 23-115
DATE 09/25/23
COORDINATED BY DTB JPB
DRAWN BY DTB
CHECKED BY DTB JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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| AD-2 | 10/20/23 | ADDENDUM NO. 2 |

DRAWING
MAINTENANCE BUILDING - ARCHITECTURAL PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX

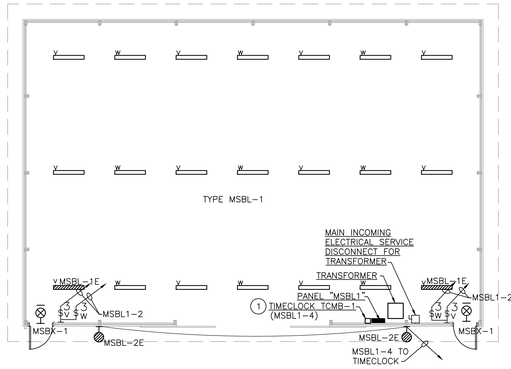
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SHEET
A-101-MB

Tuesday, 10/17/2023 - 7:36 PM - LAST SAVED BY:DBURNS
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\05 ARCH\A-101 - MS.DWG

# LOWELL HIGH SCHOOL MAINTENANCE STORAGE BUILDING LIGHTING FIXTURE

| TYPE | MANUFACTURERS | VOLTAGE | LIGHT SOURCE | MINIMUM LUMENS | DEGREE K. | MAXIMUM WATTAGE | DIMMING | MOUNTING | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| MSBL-1 | METALUX 4SNLED-LD5-33SL-LW-UNV-L840-CD1-U<br>COLUMBIA MPS4-40MW-CW-ED-U<br>LITHONIA ZL1D-L48-SMR-5000LM-FST-MVOLT-40K-80CRI-WH | 120/277 | LED | 3504/3702/4028 | 4000 | 28/30.4/30 | NONE | PENDANT | 4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED AND WIDE DISTRIBUTION |
| MSBL-1E | METALUX 4SNLED-LD5-33SL-LW-UNV-L840-CD1-U-EL14WST<br>COLUMBIA MPS4-40MW-CW-ED-U-ELL14ST<br>LITHONIA ZL1D-L48-SMR-5000LM-FST-MVOLT-40K-80CRI-WH-EL14ST | 120/277 | LED | 3504/3702/4028 | 4000 | 28/30.4/30 | NONE | PENDANT | 4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED, WIDE DISTRIBUTION AND INTEGRAL EMERGENCY BATTERY UNIT WITH SELF-DIAGNOSTIC FEATURE. |
| MSBL-2E | LITHONIA WSR LED-P4-40K-SR3-MVOLT-E20WC-DDBXD<br>MCGRAW EDISON ISS-SA1F-740-U-T3-BZ-CBP<br>HUBBELL RD12-24L-90-4K7-3-UNV-DB-EH | 120/277 | LED | 6547/7827/XXXX | 4000 | 61/66/XX | NONE | WALL | WALL MOUNTED OUTDOOR WEATHERPROOF CUTOFF TYPE LIGHTING FIXTURE WITH LED LAMPS, LED DRIVER AND COLD WEATHER EMERGENCY BATTERY PACK. UL LISTED FOR WET LOCATIONS. COLOR TO BE SELECTED BY THE ARCHITECT. |
| MSBX-1 | SURE-LITES CX61R<br>EMERGI-LITE BAPXN-1R<br>LITHONIA LES1R<br>DUAL LITE SESR-BN | 120/277 | LED | | | 1 | NONE | SURFACE | SURFACE MOUNTED DIE CAST ALUMINUM EXIT SIGN WITH SINGLE BRUSHED ALUMINUM STENCIL FACE WITH RED LETTERS (ARROWS AS INDICATED ON DRAWINGS), NI-CAD BATTERY AND SELF DIAGNOSTIC FEATURE. |
| | | | | | | | | | |




## MAINTENANCE BUILDING ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'-0"

## GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. PANELBOARDS PROVIDED IN LOWELL HIGH SCHOOL, BLEACHERS ANDTURF/DRAINAGE PROJECT. CONTRACTOR SHALL PROVIDE ALL BRANCH CIRCUIT WIRNG FROM THESE PANELBOARDS AND PROVIDE NEW TYPE CIRCUIT DIRECTORY IDENTIFYING ITEMS SERVED AND ALL SPARE/SPACES.

## ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

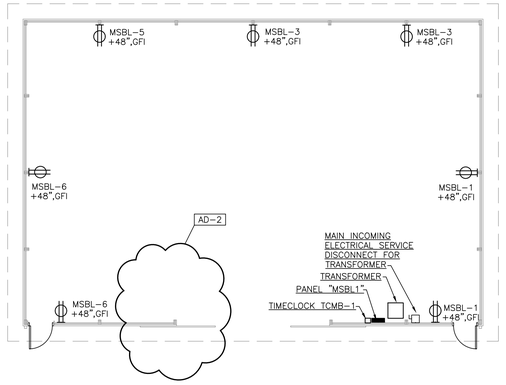
(1) TORK DZS2 SINGLE CHANNEL TIME CLOCK TO CONTROL BUILDING EXTERIOR LIGHTS. (MSBL1-4)

# LOWELL HIGH SCHOOL MAINTENANCE STORAGE BUILDING PANELBOARD SCHEDULE

**MARK & TYPE**
"MSBL1"
TYPE: SQ D NQ OR APPROVED EQUAL
120/208V, 3 PH, 4W
60 AMP MAIN BREAKER
NEMA 1
SURFACE MOUNTED

**REMARKS**
BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS.
CIRCUIT BREAKERS SHALL HAVE MINIMUM 22,000 AMP INTERRUPTING CAPACITY - TYPE QOB-BH.

| DESCRIPTION | CIR | POLE | TRIP | LTS | REC | EQUIP | A | B | C | HEAT | A/C | FUTR | POLE | TRIP | CIR | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RECPS | 1 | 1 | 20 | | 0.36 | | 0.36 | | | | | | | | | |
| | | | | 0.84 | | | 0.84 | | | | | | 1 | 20 | 2 | LIGHTS |
| RECPS | 3 | 1 | 20 | | 0.18 | | | 0.18 | | | | | | | | |
| | | | | 0.80 | | | | 0.80 | | | | | 1 | 20 | 4 | BUILDING SECURITY LIGHTS AND TIMECLOCK |
| RECPS | 5 | 1 | 20 | | 0.36 | | | | 0.36 | | | | | | | |
| | | | | | | | | | | | | | 1 | 20 | 6 | SPARE |
| SPARE | 7 | 1 | 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 1 | 20 | 8 | SPARE |
| SPARE | 9 | 1 | 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 1 | 20 | 10 | SPARE |
| SPARE | 11 | 1 | 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 1 | 20 | 12 | SPARE |
| SPARE | 13 | 1 | 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 1 | 20 | 14 | SPARE |
| SPARE | 15 | 1 | 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 1 | 20 | 16 | SPARE |
| SPARE | 17 | 1 | 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 1 | 20 | 18 | SPARE |
| | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| TOTAL CONNECTED LOAD (kVA) | | | | 1.64 | 0.90 | | 1.20 | 0.98 | 0.36 | | | | | | | |
| TOTAL DEMAND LOAD (kVA) | | | | 1.64 | 0.90 | | | | | | | | | | | |




## MAINTENANCE BUILDING ELECTRICAL POWER PLAN

SCALE: 1/8" = 1'-0"


GIBRALTAR DESIGN
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PROJECT
23-115
DATE
09/25/23
COORDINATED BY
PCB
DRAWN BY
PCB
CHECKED BY
JPB

JOSEPH P. BIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT


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PROJECT
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TRI-CREEK SCHOOL CORPORATION

DRAWING
MAINTENANCE BUILDING ELECTRICAL PLANS

PROJECT
LOWELL HIGH SCHOOL - RENOVATIONS & NEW SPORTS COMPLEX


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SHEET
E-101-MB


Thursday, 10/19/2023 - 2:59 PM - LAST SAVED BY:JCHAMBERS
Y:\23-115 TRI-CREEK SC - LOWELL HS NEW STADIUM\23-115 DRAWINGS\09 ELEC\E-101-MB.DWG