

ADDENDUM NO. 1

May 10, 2022

Silver Creek School District – Athletics Package and Steel & Roofing Package
Sellersburg, IN 47172

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 April 15, 2022, by CSO. 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 1-1, ADD 1-2, and Attached CSO Addendum No. 1 Dated May 10, 2022, Consisting of 17 Pages, Specification Sections: 129301 –Athletic Site Furnishings, 131226 – Press Box – Baseball/Softball, Addendum Drawings: L101, S201D, S202A, S202B, S202D, S202E, S202G, S203A, S203D, S203E, S302, S711, S721, A104, A205, M501, P501, UD101, U101, and E002.

A. ☐ SPECIFICATION SECTION 00 10 00 INSTRUCTIONS TO BIDDERS

1. 1.07 Alternatives

Revise the following paragraph:

- D. The Owner retains the right to include or exclude work required by Alternates, for the sums established exercisable with thirty (30) days from and including the date of signing the contract.

B. SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY

1. Paragraph 3.03 Bid Categories

A. Bid Category No. 1 – Earthwork, Site Demolition, & Site Utilities

Add the following clarifications:

10. This category is responsible for the heavy-duty asphalt pavement aggregate base applicable to Alternate 6.

D. Bid Category No. 4 – General Trades

Add the following specification sections:

Section 09 65 13 Resilient Base and Accessories

C. SPECIFICATION SECTION 01 23 00 ALTERNATES

1. Paragraph 1.04 Schedule of Alternates

Revise the following:

D. ☐ Alternate No. 4: Concession Building:

1. ☐ Base Bid: Provide all subgrade utility connections for concessions building including domestic water, sanitary sewer, electricity, data, etc. and terminate in appropriate subgrade vault/box.

E. ☐ Alternate No. 5: Ticket Booth:

1. ☐ Base Bid: Provide all subgrade utility connections for the ticket booth including domestic water, sanitary sewer, electricity, data, etc. and terminate in appropriate subgrade vault/box.

F. Alternate No. 6: Parking Lot

2. Alternate: Provide a new gravel sub-base and pole lighting as indicated in drawings and specifications.

D. SPECIFICATION SECTION 01 53 10 FENCES

1. 2.01 Materials

Revise the following paragraph:

- A. Fencing to be 8' high chain link with gates as indicated on the Logistics Plan. Fabric to be 9 ga. Galvanized wire mesh, with wind screen. Include an additional 2,000 LF of fencing for use at the discretion of the Construction Manager over and above what is noted on the Logistics Plan.

ADDENDUM

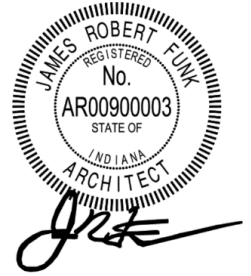
ADDENDUM NO: 1

PROJECT: Silver Creek High School Athletics Package and Steel & Roofing Package

PROJECT NO: 2021026

DATE: May 10, 2022

BY: Brent Hite



This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

Addendum Pages: 1-6

Attached Documents:

12 29 01 Athletic Site Furnishings
13 12 26 Press Box-Baseball Softball

Attached Drawing Sheets:

L101, S201D, S202A, S202B, S202D, S202E, S202G, S203A, S203D, S203E, S302, S711, S721, A104, A205, UD101, U101.

PART 0 - GENERAL INFORMATION

0.1 ☐ NOT USED

PART 1 - BIDDING REQUIREMENTS

1.1 ☐ NOT USED

PART 2 - SPECIFICATIONS

2.1 ☐ 07 42 43 – METAL COMPOSITE MATERIAL WALL PANELS

☐ Add 2.02A1j as follows:

j. Alfrex, Accu Trac DS Panel System

☐ Revise 2.02B3a1a as follows

a. Color:

1) Color 1: Alpolic Materials HYB Blue or other manufacturer's equivalent.

2) Color 2: Alpolic Materials MBU Blue or other manufacturer's equivalent.

b. Custom color match required if manufacturer cannot match selected colors indicated above.

2.2□ 07 54 19 – POLYVINYL-CHLPRODE (PVC) ROOFING

□□□ Add 2.01A1E as follows:

e. Firestone PVC Membrane

2.3□ 08 11 13 – HOLLOW METAL DOORS AND FRAME

□□□ Add 2.01A8 as follows:

8. Atlas Companies

2.4□ 12 93 01 – ATHLETIC SITE FURNISHINS

□□□ 2.4-A, Design of Design product of the Batting Cages has been updated to the TUFFframe PRO Outdoor Batting Cage System as manufactured by Beacon Athletics.

2.5□ 13 12 26 – PRESS BOX – BASEBALL/SOFTBALL

□□□ 2.6.1-F AND G Added/Updated.

2.6□ 13 34 16 – PERMANENT GRANDSTANDS

□□□ Add 2.01A4 as follows:

4. E&D Specialty Stands, Inc.

2.7□ 23 33 00 – DUCTWORK ACCESSORIES

□□□ Pottorff shall be added as an acceptable manufacturer for dampers and access doors.

PART 3 - DRAWINGS

LANDSCAPE

3.1□ L101

□□□ Field Events Athletics Surfacing clarified. Reissue attached plan in its entirety.

STRUCTURAL

3.2□ S201D – FOUNDATION PLAN – UNIT D

- ☐ Add grids J.1, K.8 and 11.1 and associated dimensions as shown on attached revised sheet.
- ☐ Add P20 pier and define footing size and elevation at K.8-11.1 as shown on attached revised sheet.

3.3 ☐ S202A – SECOND FLOOR & LOW ROOF FRAMING PLAN – UNIT A

- ☐ Add section cut references as shown on attached revised sheet.
- ☐ Add girt cantilever dimensions as shown on attached revised sheet.
- ☐ Delete previous existing joist reinforcing notation and add revised joist reinforcing note.

3.4 ☐ S202B – SECOND FLOOR & LOW ROOF FRAMING PLAN – UNIT B

- ☐ Add section cut references as shown on attached revised sheet.
- ☐ Add girt cantilever dimensions as shown on attached revised sheet.
- ☐ Add existing joist reinforcing note as shown on attached revised sheet.
- D ☐ Add slab edge note at elevator door as shown on attached revised sheet.
- ☐ Add W6x25 support beams below new openings in existing concrete walls as shown on attached revised sheet.

3.5 ☐ S202D – SECOND FLOOR & LOW ROOF FRAMING PLAN – UNIT D

- ☐ Add section cut references as shown on attached revised sheet.
- ☐ Add grids J.1, K.8 and 11.1 and associated dimensions as shown on attached revised sheet.
- ☐ Delete previous existing joist reinforcing notation and add revised joist reinforcing note.
- D ☐ Add slab edge notes at elevator doors and at grid 7.7 as shown on attached revised sheet.
- ☐ Add note at existing (2)8C11.5 girder at grid J.1-11.1 as shown on attached revised sheet.

3.6 ☐ S202E – SECOND FLOOR & LOW ROOF FRAMING PLAN – UNIT E

- ☐ Add section cut references as shown on attached revised sheet.
- ☐ Delete previous existing joist reinforcing notation and add revised joist reinforcing note.
- ☐ Add slab edge note at elevator door as shown on attached revised sheet.

3.7 ☐ S202G – SECOND FLOOR & LOW ROOF FRAMING PLAN – UNIT G

- ☐ Add section cut references as shown on attached revised sheet.

3.8 ☐ S203A – ROOF FRAMING PLAN – UNIT A

- ☐ Add section cut references as shown on attached revised sheet.

3.9 ☐ S203D – ROOF FRAMING PLAN – UNIT D

- ☐ Add section cut references as shown on attached revised sheet.
- ☐ Show elevator shaft walls below and add hoist beam callout and note as shown on attached revised sheet.

3.10 ☐ S203E – ROOF FRAMING PLAN – UNIT E

- ☐ Add section cut references as shown on attached revised sheet.
- ☐ Show elevator shaft walls below and add hoist beam callout and note as shown on attached revised sheet.
- ☐ Add L4x4x1/4 roof opening frames as shown on attached revised sheet.

3.11 ☐ S302 – EXISTING JOIST REINFORCING DIAGRAMS

- ☐ Issue new sheet in its entirety, including details 1 through 3/S302.

3.12 ☐ S711 – FRAMING SECTIONS & DETAILS

- ☐ Modify section 13/S711 to turn angle leg down as shown on attached revised sheet.
- ☐ Add sections 16 through 28/S711 as shown on attached revised sheet.

3.13 ☐ S721 – FRAMING SECTIONS & DETAILS

- ☐ Revise section 8/S721 as shown on attached revised sheet.
- ☐ Add sections 11 through 21/S721 as shown on attached revised sheet.

ARCHITECTURAL

3.14 ☐ A104 – ROOF PLAN – SOUTH

- ☐ NOTE #9 ADDED FOR MECHANICAL EQUIPMENT.

3.15 ☐ A205 - RELOCATED BLEACHER & SCOREBOARD (VIDEO DISPLAY ALTERNATE)

- ☐ REVISE NOTE ON 1/A205 – “EXISTING PRESSBOX TO BE REMOVED AND SALVAGED. RETURN TO OWNER”

MECHANICAL

3.16 ☐ M501 – MECHANICAL SCHEDULES & DETAILS

☐ Refer to LOUVER SCHEDULE

1. ☐ Pottorff shall be added as an acceptable manufacturer

☐ Refer to EXHAUST FAN SCHEDULE

1. ☐ PennBarry shall be added as an acceptable manufacturer.

PLUMBING

3.17 ☐ P501 – PLUMBING SCHEDULES & DETAILS

☐ Refer to EJECTOR PUMP SCHEDULE

1. ☐ EP-1A/EP-1B basis of design shall be Zoeller Model 7011 with the following parameters:

- a. ☐ FLOW (GPM) / HEAD (FT): 43.3 GPM / 29.5 ft
- b. ☐ RPM: 3450 RPM
- c. ☐ Sump Pit Dimensions (DIAMETER / DEPTH): 36 IN / 72 IN
- d. ☐ Electrical: 2 HP / 480 V/3 PH/60 HZ
- e. ☐ Chain removal system shall be acceptable.
- f. ☐ All other parameters shall remain unchanged.

ELECTRICAL

3.18 ☐ UD101 – ELECTRICAL SITE DEMOLITION PLAN

☐ Refer to revised drawing UD101 issued with this addendum for removal of overhead utilities.

3.19 ☐ U101 – ELECTRICAL SITE PLAN

☐ Refer to revised drawing U101 issued with this addendum for underground conduit pathways for utility relocation.

3.20 ☐ E002 – ELECTRICAL GENERAL NOTES

☐ Change "SITE UTILITIES NOTE A" to include the following contacts:

1. ☐ DUKE ENERGY – LUKE WATSON – Luke.Watson@duke-energy.com
2. ☐ AT&T – RYAN WHEELER – rw2949@att.com

3. ☐ SPECTRUM – KEVIN MERCER - kevin.mercer@charter.com

PART 4 - OTHER ITEMS

4.1 ☐ NOT USED

PART 5 - QUESTIONS AND ANSWERS

5.1 ☐ Q: Relocated bleachers do not show any foundation design or layout?

A: Please refer to note p2.1 on L101 and details 1,5 and 6 on L501. The basis of design for the existing bleachers are angled frame bleachers on slab. The Contractor shall provide a reinforced concrete slab complying with the bleacher manufacturer's structural requirements.

5.2 ☐ Q: For Specification Section 32 91 16 Synthetic Turf – Diamond Sports, is the title intending to represent a specific brand or company?

A: Diamond Sports as listed in the Specification title is not indicative of a specific company or product. It is only to better differentiate between the field sports and ball diamond sports and turf systems.

5.3 ☐ Q: Where is the foundation layout for the softball and baseball bleachers?

A: The basis of design for the softball and baseball bleachers are angled frame bleachers on slab. The Contractor shall provide a reinforced concrete slab complying with the bleacher manufacturer's structural requirements under the baseball and softball bleachers.

5.4 ☐ Q: Please provide specifications for the baseball & softball field scoreboards?

A: The baseball & softball field scoreboards will be relocated from existing location.

END ADDENDUM #1

SECTION 12 93 01 – ATHLETIC SITE FURNISHINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
- B. Bidders shall include in their Base Bid price all materials, labor, and shop drawings required to provide and install each furnishing system, including all fasteners, anchors, foundations, footings, supports, and base preparation required to deliver a turn-key system that complies with these Specifications.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Ball Diamond Furnishings
 - a. Foul Ball Poles
 - b. Fence Toppers
 - c. Home Plates
 - d. Bases
 - e. Pitching Mounds and Rubbers
 - f. Rail Padding
 - g. Outfield Markers
 - 2. Batting Cage Netting
 - 3. Flagpole
 - 4. Baseball Team Bench
- B. Prior to Final Acceptance, the Contractor shall submit to the Owner three (3) copies of Maintenance Manuals, which shall include all necessary instructions for the proper care of and preventative maintenance for baseball fields.
- C. Related Sections include the following:
 - 1. Specification Section "Earth Moving"
 - 2. Specification Section "Concrete Paving"
 - 3. Specification Section "Ball Diamond Construction"
 - 4. Specification Section "Field Subdrainage"
 - 5. Specification Section "Root Zone Media"

1.3 SUBMITTALS

- A. General: Submit the following according to Conditions of Contract and Division 1 Specification Sections.

- B. Product Data: For each type of site furnishing specified, with installation instruction for each unit built-in or connected to other construction. Include methods of installation for each type of substrate.
- C. Samples for Initial Selection Purposes: Manufacturer's standard size samples showing full range of colors, textures, and patterns available for each type of site furnishing required.
- D. Submissions for Verification Purposes: Manufacturer's standard sizes for each type of site furnishing required.
- E. Shop Drawings: For each baseball furnishing system, indicating dimensions, anchoring methods, colors, finishes, and related delegated design requirements. Note that some systems require a signed and sealed engineer's certification. Shop drawings will allow for final approval from Landscape Architect and coordination of installation by Contractor. Color selections, if not clearly identified within this Specification, will also be determined during the submittal process as selected from the Manufacturer's full range.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm (Material Producer) with not less than three (3) years of production experience, and whose published literature clearly indicates compliance with the indicated requirements of this Section.
- B. Single Source Responsibility: Provide each required type of site furnishing as produced by a single manufacturer.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to Project site in original factory wrappings and/or containers, clearly labeled with identification of manufacturer, brand name and lot number (as applicable).
 - 1. Sequence delivery of site furnishings as near as practicable to required time scheduled for installation so as to minimize the required amount of onsite storage time.
 - 2. Store materials in original, undamaged packages and containers, protected from the elements, soiling and other potential sources of damage.
- B. Comply with instructions and recommendations of manufacturer for additional delivery, storage and handling requirements.

1.6 MAINTENANCE

- A. Maintenance Instructions: Submit manufacturer's printed instructions for maintenance of installed Work, including methods and frequency recommended for maintaining optimum condition under anticipated use conditions. Include precautions about materials and methods which may be detrimental to finishes and performance.

PART 2 - PRODUCTS

2.1 MISCELLANEOUS MATERIALS

- A. Welding Electrodes and Filler Metal: Type and alloy of filler metal and electrodes as recommended by producer of metal to be welded, complying with applicable AWS specifications and as required for color match, strength and compatibility in fabricated items.
- B. Cast-in-Place Anchors: Anchors fabricated from corrosion-resistant materials with capability to sustain imposed design loads when installed in concrete as determined by testing per ASTM E 488 conducted by a qualified independent testing agency.
- C. Fasteners: Use fasteners of same basic metal as the fastened metal, unless otherwise indicated. Do not use metals that are corrosive or incompatible with materials joined.
 - 1. Provide concealed fasteners for interconnection of site furnishings and for their attachment to other Work except where exposed fasteners are unavoidable or are manufacturer's standard fastening method. Provide tamper-proof machine screws for exposed fasteners, unless otherwise indicated or approved by the Landscape Architect.

2.2 FABRICATION, GENERAL

- A. Provide site furnishing items, both freestanding and permanently installed, equipped with functions as specified. Fabricate units with tight seams and joints, exposed metal edges rolled. Provide products with smooth welds, consistent finish with no evidence of wrinkling, chipping, uneven coloration, dents or other imperfections.

2.3 BALL DIAMOND FURNISHINGS

- A. Foul Ball Poles: At the left and right field corners of all ball diamonds fields. Provide and install 20' tall yellow powder coated finish Foul Ball Markers as listed below. Include all pole wings, hardware foundations, anchors, and footings. Coordinate exact location during submittal process to ensure the foul pole is as close as possible to the same plane as the outfield fence.
 - a. Beacon Athletics 130-405-089-20' ht.
 - b. Sportsfield Specialties LGFPW420--20' ht.
 - c. Porter Athletics 330-002- 20' ht.
- B. Fence Toppers: Basis of Design is 'Tear- Drop Fence Topper', 0.9" thickness, for all outfield and sideline fences for both softball and baseball, including all required attachment hardware, as coordinated, designed, and fabricated by Beacon Athletics, 1-800-747-5985, or approved equal prior to bidding.
 - a. Pre-Approved Equal: Safety Top Cap, as coordinated, designed, and fabricated by On Deck Sports, 1-800-365-6171.
- C. Home Plate: Provide and install home plates on the playing field and bullpens as shown in the Plans, as manufactured by Hollywood MLB Pro Style, Model #301-675-859, Beacon Athletics, 1-800-747-5985, or approved equal prior to bidding. Install all corresponding stanchion, anchors, and base per manufacturer's recommendations.

- D. Bases: Provide and install full set of bases, as manufactured by Soft Touch Premium, Beacon Athletics, 1-800-747-5985, or approved equal prior to bidding. Use 1.5" steel stanchion anchors. Install all corresponding pegs, anchors, caps, and bases per manufacturer's recommendations and local building codes. For Varsity Softball, utilize a double first base configuration.
- E. Pitching Rubbers and Raised Mounds: Provide and install raised mounds with a permanent pitching rubber for both the playing field and bullpens, as shown in Plans. Hollywood Four-Sided Permanent, Model #335-675-149, Beacon Athletics, 1-800-747-5985, or approved equal prior to bidding.
- F. Rail Padding: Basis-of-design - Guard Rail Padding, for dugout protective screen frames on the Baseball Field, including all required grommets and attachment hardware, as coordinated, designed, and fabricated by Gametime Athletics, 1-877-891-2476, or approved equal.
 - 1. Numerous manufacturers, including those listed below, offer comparable products and are encouraged to offer an equal product as part of the bidding process. Manufacturers not listed are also welcomed to compete. Provide full product literature and ensure all quality standards demonstrated by the basis-of-design product are met or exceeded.
 - a. Beacon; b. Sportsedge; c. Sportsfield Specialties; d. Promats Athletics;
 - e. On Deck Sports; f. Gametime Athletics; g. Betterbaseball.com
- G. Outfield Distance Markers: Basis-of-design – Standard Outfield Distance Marker, approximately 38"H x 56"W with 24" numerals, including all required grommets, hardware, and anchors. As coordinated, designed, and fabricated by Beacon Athletics, 1-800-747-5985, or approved equal.
 - 1. Numerous manufacturers, including those listed below, offer comparable products and are encouraged to offer an equal product as part of the bidding process. Manufacturers not listed are also welcomed to compete. Provide full product literature and ensure all quality standards demonstrated by the basis-of-design product are met or exceeded.
 - a. Beacon; b. Sportsedge; c. Sportsfield Specialties; d. Promats Athletics;
 - e. On Deck Sports; f. Gametime Athletics; g. Betterbaseball.com

2.4 BATTING CAGE NETTING

- A. **Basis-of-design: TUFFframe PRO Outdoor Batting Cage, in general configurations shown in Plans, as manufactured by Beacon Athletics, 1-800-747-5985, or approved equal prior to bidding.**

2.5 FLAGPOLE

- A. Basis-of-design: MDG35CCOPT 35' Internal Halyard Flagpole with lockable cover plate, cam cleat, satin-finish tapered pole, gold ball top, escutcheon plate, and all proper footings, corrugated tubing, anchors, hardware/clips for a complete installation. As coordinated, designed, and fabricated by Admiral Flag Inc, 1-800-783-7653, or approved equal.

- B. Numerous manufacturers offer comparable products and are encouraged to offer an equal product as part of the bidding process. Provide full product literature and ensure all quality standards demonstrated by the basis-of-design product are met or exceeded.

2.6 TEAM BENCHES

- A. See Drawings for proposed locations
- B. Basis-of-design: Corsair Bench, two tier powdercoated bench with treated wood slats, as manufactured by R.L. Industries (Baseballracks .com), phone 708.636.1047 or equivalent.
- C. Quantity:
 - 1. Softball Dugouts: 22'-6" of seating length ((3) 7'-6" sections)
 - 2. Baseball Dugouts: 30'-0" of seating length ((4) 7'-6" sections)

PART 3 - EXECUTION

3.1 PREPARATION

- A. Coordinate and furnish anchorages and setting drawings, diagrams, templates, instructions and directions for installing items having integral anchors that are to be embedded in concrete or masonry construction. Coordinate delivery of such items to the Project site.

3.2 INSTALLATION, GENERAL

- A. Provide anchorage devices and fasteners where necessary for securing site furnishings to in-place construction.
- B. As required, and in accordance with manufacturer's written recommendations, perform drilling and fitting to install units. Set units accurately in location, alignment and elevation, plumb, level and true, measured from established lines and levels. Provide temporary bracing or anchors in form work for items that are to be built into concrete, masonry or similar construction.
- C. Fit exposed connections accurately together to form tight, hairline joints. If cutting, welding and/or grinding is required for proper shop fitting and joining of site furnishings, restore finishes to completely eliminate any evidence of such corrective Work.
 - 1. Do not cut or abrade finishes that cannot be completely restored in the field. Return items with such finishes to the shop for required alterations, followed by complete refinishing, or provide new units as required.

3.3 INSTALLATION

- A. Verify that materials are those specified before installing. Inspect site furnishings to ensure that all units are complete, including fasteners, anchoring devices and/or accessories required for installation as shown and indicated.

- B. Coordinate installation of site furnishings with related Work to ensure units will be undamaged at time of acceptance of Work. Provide temporary protective covering for units to avoid damage during the remainder of the construction period. Remove any temporary coverings at time of Substantial Completion.
- C. Remove and replace all damaged or defective items at no additional cost to the Owner. Clean and polish exposed surfaces using materials and methods as recommended by the manufacturer.

END OF SECTION

SECTION 13 12 26 – PRESS BOX – BASEBALL/SOFTBALL

Part 1 - General

1.1 SCOPE OF WORK

- A. Furnish a prefabricated, modular press box equal to the intent and scope of work, fit, and finish defined within this Specification, approximately 10' x 25' in size and generally as indicated in Plans, for both Varsity Softball and Varsity Baseball fields. In any instances where the Drawings and Specifications may disagree, the Owner reserves the right to finalize such details during the shop drawing and submittal process at no additional cost.

1.2 RELATED WORK

- A. Division 13 Section 'Bleacher Construction'

1.3 SUBMITTALS

- A. Bidders with any deviation from the specifications must comply with the following requirements five (5) days prior to the bid opening.
 - 1. Plan view and wall section showing complete detail of layout, connection and trim detail.
 - 2. Schedule of Work Experience, including names of contacts and phone numbers;
 - 3. Project schedule, including phasing with other trades and designation for all tasks, milestone dates for drawing submittal, fabrication time, key material delivery dates and designated dates of installation.
 - 4. All submittals and shop drawings shall be stamped and signed by a Professional Engineer licensed in Indiana. Professional that stamps the final design drawings shall be responsible for coordinating all permits and securing State Design Release.

1.4 DESIGN CRITERIA

- A. All material and workmanship shall be in accordance with the applicable State Building Code/IBC current edition and NFPA. In any instances where current Code exceeds the criteria shown within this Specification, the greater of the obligations shall prevail.
- B. All electric components shall be UL listed.
- C. Minimum Design Loads as follows. Delegated design to the manufacturer shall confirm all current applicable standards and incorporate into Base Bid response.
 - 1.

Live Load	100 psf	Floor
Wind	20 psf	On vertical surfaces
- D. Design Classification

1. Use Group: B, Construction Type: V-B

1.5 QUALITY ASSURANCE

- A. Manufacturer: Company specializing in modular building construction with experience in manufacturing press boxes.
- B. Engineer qualifications: Full signed and sealed shop drawings shall be required of the Manufacturer of the press box via a professional engineer licensed to practice in Indiana. Likewise, the Manufacturer shall coordinate any related State Design Release and permitting approval with regulatory agencies.
- C. Warranty: Press box shall be guaranteed for two (2) years against defective material or workmanship. Damage resulting from abnormal use or vandalism shall not apply.

PART 2 - PRODUCTS

2.1 FLOOR CONSTRUCTION

- A. Bottom Board: 1/2" CCX foundation grade treated plywood. Industrial grade asphalt-based pint. Continuous aluminum vents on 8' centers.
- B. Insulation: 6" R-19 fiberglass batts, with vapor barrier.
- C. Joists: 2" x 6" #2 SYP, on 16" centers, longitudinal framing.
- D. Decking: 3/4" Sturdifloor, underlayment grade, tongue and groove fir plywood, (Index 24 in O.C.)
- E. Covering: 1/8" Armstrong Excelon vinyl composition tile or equal.
- F. Molding: 4" Thermoplastic rubber base molding by Roppe or equal.

2.2) WALL CONSTRUCTION

- A. Studs: No less than 2" x 4", #2 or better SPF, on 16" centers, BOCA framing.
- B. Bottom Plate: No less than 2" x 4" #2 or better SPF.
- C. Top Plates: Two (2), No less than 2" x 4" #2 or better SPF.
- D. Headers: As span and design load requires.
- E. Ceiling Height: 8'-0" minimum.
- F. Covering: 5/8" vinyl-faced gypsum panels, Class A, F.S.R.
- G. Insulation: 3-1/2" R-13 fiberglass batts with vapor barrier.
- H. Sheathing: 1/2" CDX plywood.
- I. Siding: 0.50 Mastic 8" vertical board and batten premium vinyl exterior siding. Color to be chosen by Owner from manufacturer's full range of colors.

2.3 ROOF CONSTRUCTION

- A. Joists: 2" x 8", #2 SYP, 16" O.C. spacing.
- B. Overhang: 15-1/2" over front wall; 6" over rear wall. .019 metal fascia with perforated vinyl soffit panels.
- C. Ceiling: 5/8" type-x fire-rated gypsum board, taped and bedded with spray textured finish, Class A F.S.R.
- D. Insulation: 6" R-19 fiberglass batts with vapor barrier.
- E. Decking: 3/4" tongue & groove oriented strand board (Index 24" O.C.).
- F. Covering: .060 single-ply EPDM rubber membrane, fully adhered.

2.5 WINDOWS AND DOORS

- A. Soft-Lite "Barrington DSL7 HS", Double horizontal slider windows w/ extruded vinyl frames, AAMA Structural Rating, w/ ¾" insulated Low-E, Argon filled tempered glass w/ removable insect screens.
- B. Provide sloped front windows to improve sight lines. Note that select window conditions shown in Plans do not reflect this feature. Provide sloped windows.
- C. Interior Windows to be ¼" tempered safety glass fixed pan with stained jambs and casing.
- D. 36" x 80" Insulated vinyl-faced steel clad with wood jambs; 16" insulated/tempered lite, aluminum threshold, vinyl weather stops, stainless steel hinges and heavy-duty retention chains. Doors equipped with commercial lever-handled keyed locksets to match School Corporation master-key standards.

2.6.1 ELECTRICAL

- A. See E-Series Plans for information outlining basic electrical requirements.
- B. Receptacles: Pass & Seymour 125 volt/15 amp duplex, spec-grade, along the rear wall. Wiremold 5400 Series two-piece multi-channel, dual voltage, non-metallic surface raceway along front wall below scorer's counter, outlets on 48" centers.
- C. Lighting: Lithonia BLT surface-mount LED strip lights, or similar, with all required diffusers and accessories to accommodate intended use as a media and observation center.
- D. Circuits: All branch circuit wiring is minimum #12 THHN encased in EMT thin wall conduit or MC Cable.
- E. Air Conditioning Units: Quantity one (1) per box.
- F. **Service Entrance Panel: Square-D Q0124M100 with Main Disconnect; rated at 120/240v, single phase, 100 amp capacity.**
- G. **One Zoneline #AZ65H09DAB 3.4 KW electric wall mount heat pump unit, per box – Or equivalent.**

2.7. SCORERS' COUNTER

- A. 20" deep x 1 ½" Clear Anodized finish aluminum countertop with rounded front nose. Mounted on brackets spaced a minimum of 32".

2.8. ROOF DECK

- A. Hatch: Bilco Model #NB-50 2'6" x 4'6" aluminum roof hatch
- B. Ladder (Aluminum): Alaco #370 70-degree ships ladder.
- C. Upgraded Roof Surface: .060 polyester reinforced skid and spike resistant PVC membrane, fully adhered.

- D. Railing Mounts: 1/2" galvanized threaded bolts & nuts through roof fascia on 48" centers along perimeter edge of roof. Railing mounts cannot be placed on the roof surface.

PART 3 – EXECUTION

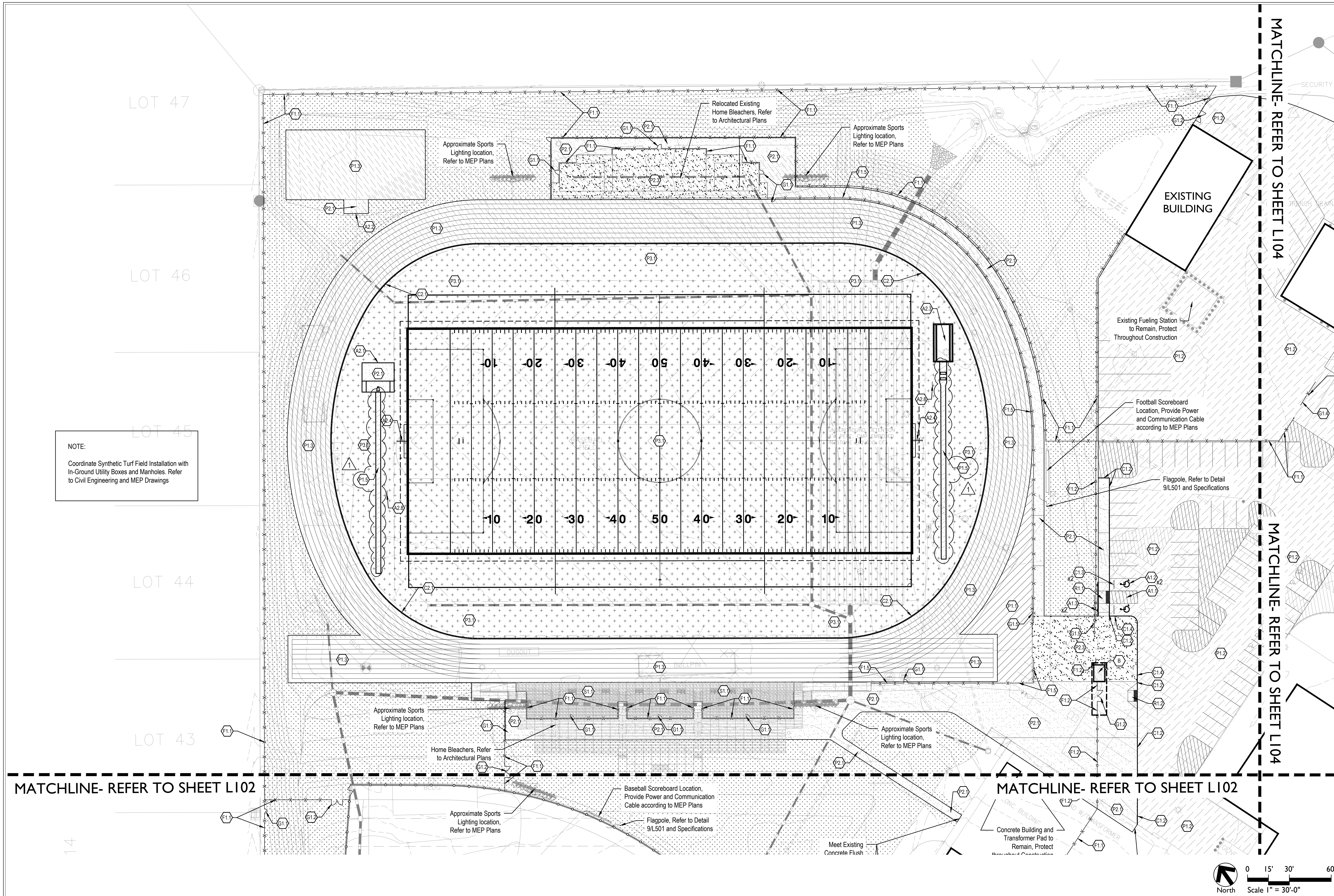
3.1 INSTALLATION

- A. Installation: Shall be handled directly by the manufacturer or by a factory-certified installation subcontractor.
- B. Erect per plans, shop drawings, and specifications that are stamped and signed by the Manufacturer's engineer.

3.2 CLEANING

- A. Clean all surfaces according to manufacturer's recommendations.
- B. Remove all packaging and construction debris.

END OF SECTION



NOTE:
Coordinate Synthetic Turf Field Installation with
In-Ground Utility Boxes and Manholes. Refer
to Civil Engineering and MEP Drawings

MATERIAL LEGEND

- A1.0 ADA Signage and Striping
- A1.1 ADA Striping, Refer to Detail 3/L502 and Specifications
 - A1.2 ADA Parking Symbol, Refer to Detail 4/L502 and Specifications
 - A1.3 Van Accessible Parking Sign, Refer to Detail 7/L502 and Specifications
- A2.0 Athletic Components
- A2.1 Pole Vault Pit, Refer to Details 5/L503 and Specifications
 - A2.2 High Jump Pit, Refer to Details 7/L503 and Specifications
 - A2.3 Long Jump Pit, Refer to Details 10/L503 and Specifications
 - A2.4 Football Goal Post, Refer to Specifications
 - A2.5 Discus, Refer to Details 6/L503 and Specifications
 - A2.6 Shot Put Pad, Refer to Details 4/L503 and Specifications
 - A2.7 Shot Put Pit, Refer to Detail 8/L503 and Specifications
 - A2.8 Football Play Clock, Refer to Specifications
- C1.0 Curbing
- C1.1 Concrete Post Curb, Refer to Detail 4/L501
 - C1.2 Integral Concrete Curb and Walk, Refer to Detail 3/L501
 - C1.3 Wheel Stops, Refer to Detail 5/L502
 - C1.4 Integral Concrete Sloped Curb and Walk, Refer to Detail 11/L501
- C2.0 Synthetic Turf Curbing
- C2.1 Perimeter Nailor Curb, Refer to Detail 2/L504 and Specifications
 - C2.2 Perimeter Nailor Curb With Fencing, Refer to Detail 3/L504 and Specifications
 - C2.3 Perimeter Nailor Curb at Integral Curb Walk, Refer to Detail 4/L504 and Specifications
- F1.0 Fencing
- F1.1 6'-0" ht. Chain-Link Fence, Vinyl Coated, Black, Refer to Specifications
 - F1.2 BASE BID: 6'-0" ht. Chain-Link Fence, Vinyl Coated, Black, Refer to Specifications
 - F1.3 ALTERNATE BID: 6'-0" ht. Ornamental Fence, Black, Refer to Specifications
 - F1.4 Athletic Barrier Netting, Refer to Specifications
 - F1.5 6'-0" ht. Chain-Link Baseball fence with Yellow Topper, Vinyl Coated, Black, Refer to Specifications
 - F1.6 4'-0" ht. Chain-Link Fence, Vinyl Coated, Black, Refer to Specifications
 - F1.7 Batting Cage, Refer to Specifications
 - F1.8 Bullpen, Softball, Refer to Specifications
 - F1.9 Bullpen, Baseball, Refer to Specifications
- G1.0 Gates
- G1.1 Single Leaf Swing Gate, 3'-0" opening, Match Height of Adjacent Fencing, Refer to Specifications
 - G1.2 Double Leaf Swing Gate, 8'-0" opening, Match Height of Adjacent Fencing, Refer to Specifications
 - G1.3 Double Leaf Swing Gate, 12'-0" opening, Match Height of Adjacent Fencing, Refer to Specifications
 - G1.4 20'-0" Sliding Gate, Black Coating, Refer to Specifications
 - G1.5 25'-0" Sliding Gate, Match Adjacent Fence Material, Refer to Specifications
- P1.0 Pavement, Asphalt
- P1.1 Standard Duty Asphalt Pavement, Refer to Detail 7/L501 and Specifications
 - P1.2 Asphalt Re-seal and Re-Stripe, Refer Specifications
 - P1.3 Asphalt Track Pavement, Refer to Detail 2/L503 and Specifications
 - P1.4 ALTERNATE: Heavy Duty Asphalt Pavement Aggregate Base, Refer to Detail 8/L501 and Specifications
 - P1.5 Field Events Track Surface, Refer to Detail 3/L503 and Specifications
- P2.0 Pavement, Concrete
- P2.1 Standard Concrete Pavement, Refer to Details 1, 5-6/L501 and Specifications
 - P2.2 Bleacher Pad Concrete Pavement, Refer to Bleacher Manufacturer Standards
 - P2.3 Heavy Duty Concrete Pavement, Refer to Detail 2/L501 and Specifications
- P3.0 Pavement, Specialty
- P3.1 Synthetic Turf - Football, Refer to Detail 1/L504 and Specifications
 - P3.2 Infield Mix, Refer to Detail 7/L504 and Specifications
 - P3.3 Warning Track Mix, Refer to Detail 6/L504 and Specifications
 - P3.4 ALTERNATE: Synthetic Turf - Ball Diamonds, Refer to Detail 1/L504 and Specifications
- R1.0 Accessible Sidewalk Ramps
- R1.1 Parallel Curb Ramp, Refer to Detail 1/L502 and Specifications
 - R1.2 Perpendicular Curb Ramp with Flares, Refer to Detail 2/L502 and Specifications
- S1.0 Stone Surfacing
- S1.1 Crushed Stone Surfacing, Refer to Detail 10/L501 and Specifications
- S2.0 Signage
- S2.1 Stop Sign, Refer to Detail 6/L502 and Specifications
 - S2.2 Do Not Enter Sign, Refer to Detail 6/L502 and Specifications
 - S2.3 Bus Only Sign, Refer to Detail 6/L502 and Specifications
 - S2.4 Left Turn Lane Sign, Refer to Detail 6/L502 and Specifications
- New Architectural Buildings
- A ALTERNATE: Bathroom & Concessions Building, Refer to Architectural Drawings
 - B ALTERNATE: Ticket Booth, Refer to Architectural Drawings
- Common Lawn Turf, Refer to Specification Section 32 92 00

SILVER CREEK SCHOOL CORPORATION

PROJECT:

SILVER CREEK SCHOOL CORPORATION
SILVER CREEK HIGH SCHOOL
ATHLETICS PACKAGE

557 Rantz Ave. Sellersburg, IN 47172

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for full performance and completion of the project. On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

05/10/22	Addendum #1
----------	-------------

ISSUE DATE	DRAWN BY	CHECKED BY
04/15/2022	MA	CCH

DRAWING TITLE:

SITE MATERIALS PLAN

CERTIFIED BY:

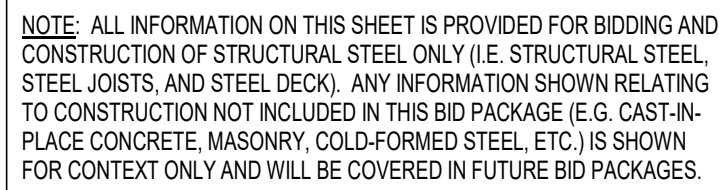
FREDIE J. PRZEUZ
REGISTERED
No. 2020-0052
STATE OF INDIANA
Professional Engineer
EXPIRES 12-31-2023

DRAWING NUMBER

L101

PROJECT NUMBER

2021026



SILVER CREEK SCHOOL CORPORATION
SILVER CREEK HIGH SCHOOL
ADDITION AND RENOVATIONS
557 RENZ AVE. SELLERSBURG, IN 47172

SCOPE DRAWINGS:

These drawings indicate the general scope of the project, the general architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the elements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the


REVISIONS:

ADDENDUM 1	05-10-2022
------------	------------

SUE DATE	DRAWN BY	CHECKED BY
4-15-2022	JRV	MDL

DRAWING TITLE:
FOUNDATION
PLAN - UNIT D

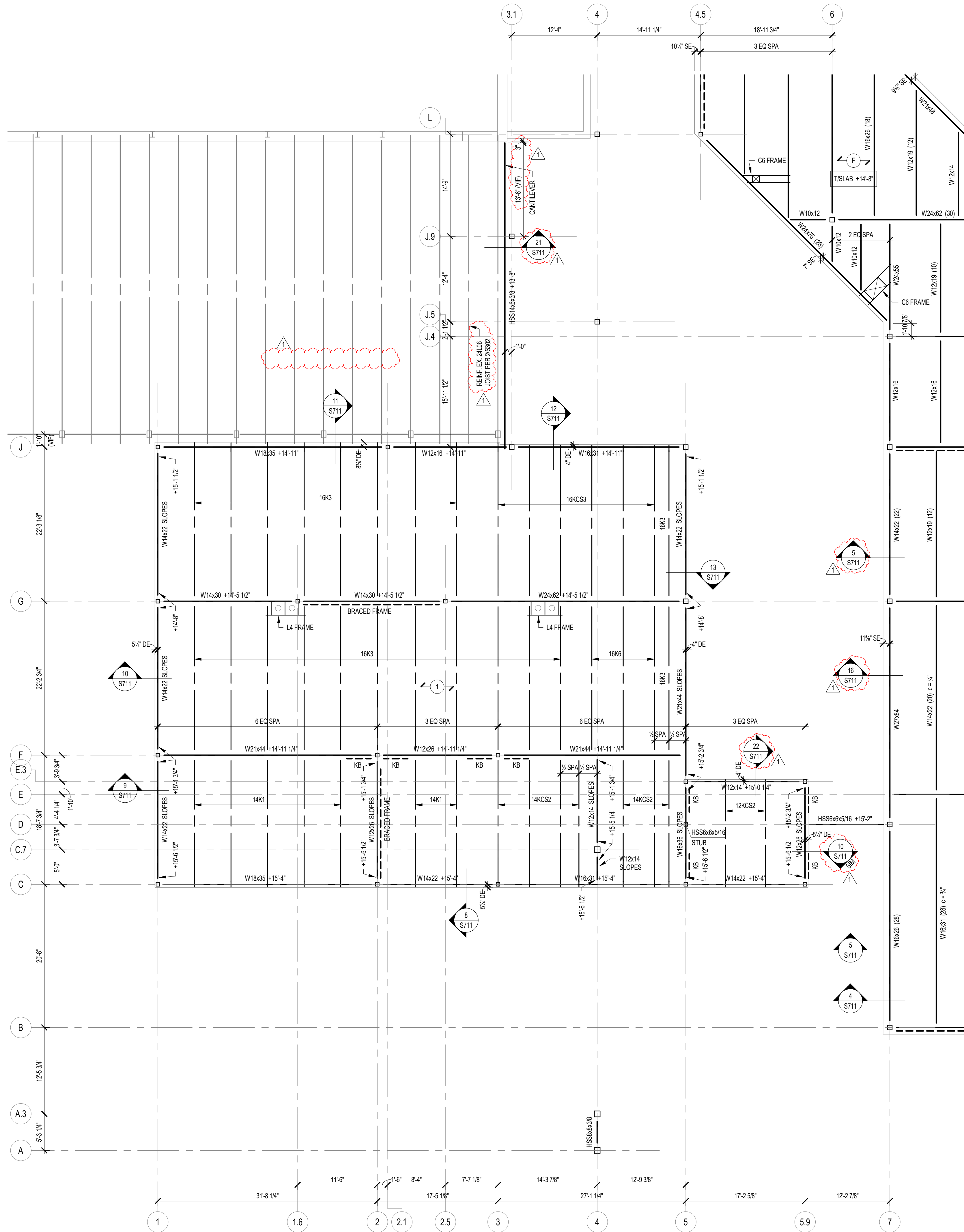
CERTIFIED BY:



MARK D. LAVIER
REGISTERED
PE19400114
STATE OF
INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S201D

PROJECT NUMBER
2021026



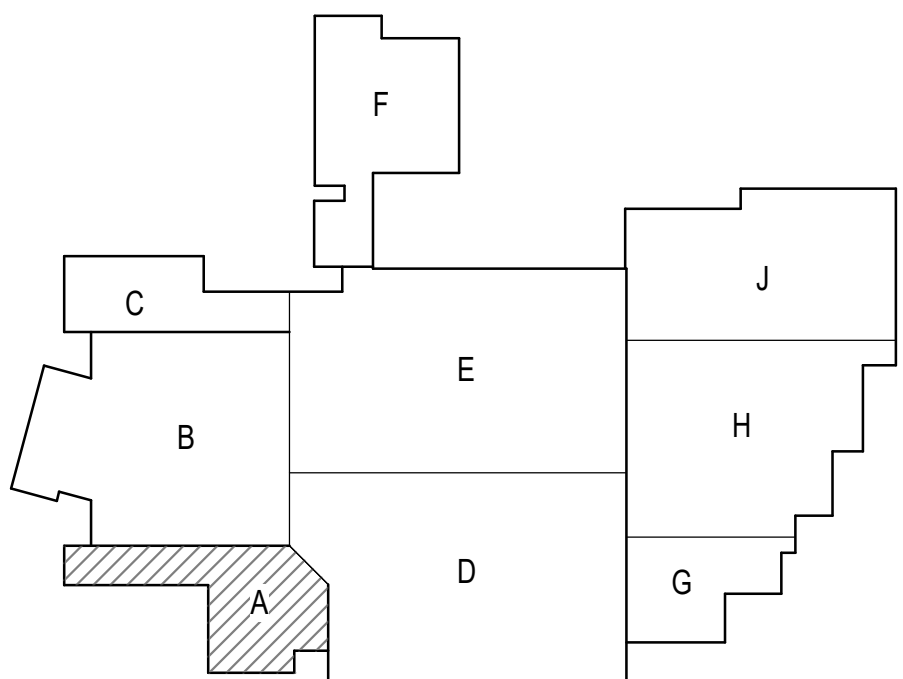
1 SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT A
SCALE: 1/8" = 1'-0"



NOTE: ALL INFORMATION ON THIS SHEET IS PROVIDED FOR BIDDING AND CONSTRUCTION OF STRUCTURAL STEEL ONLY (I.E. STRUCTURAL STEEL, STEEL JOISTS, AND STEEL DECK). ANY INFORMATION SHOWN RELATING TO CONSTRUCTION NOT INCLUDED IN THIS BID PACKAGE (E.G. CAST-IN-PLACE CONCRETE, MASONRY, COLD-FORMED STEEL, ETC.) IS SHOWN FOR CONTEXT ONLY AND WILL BE COVERED IN FUTURE BID PACKAGES.

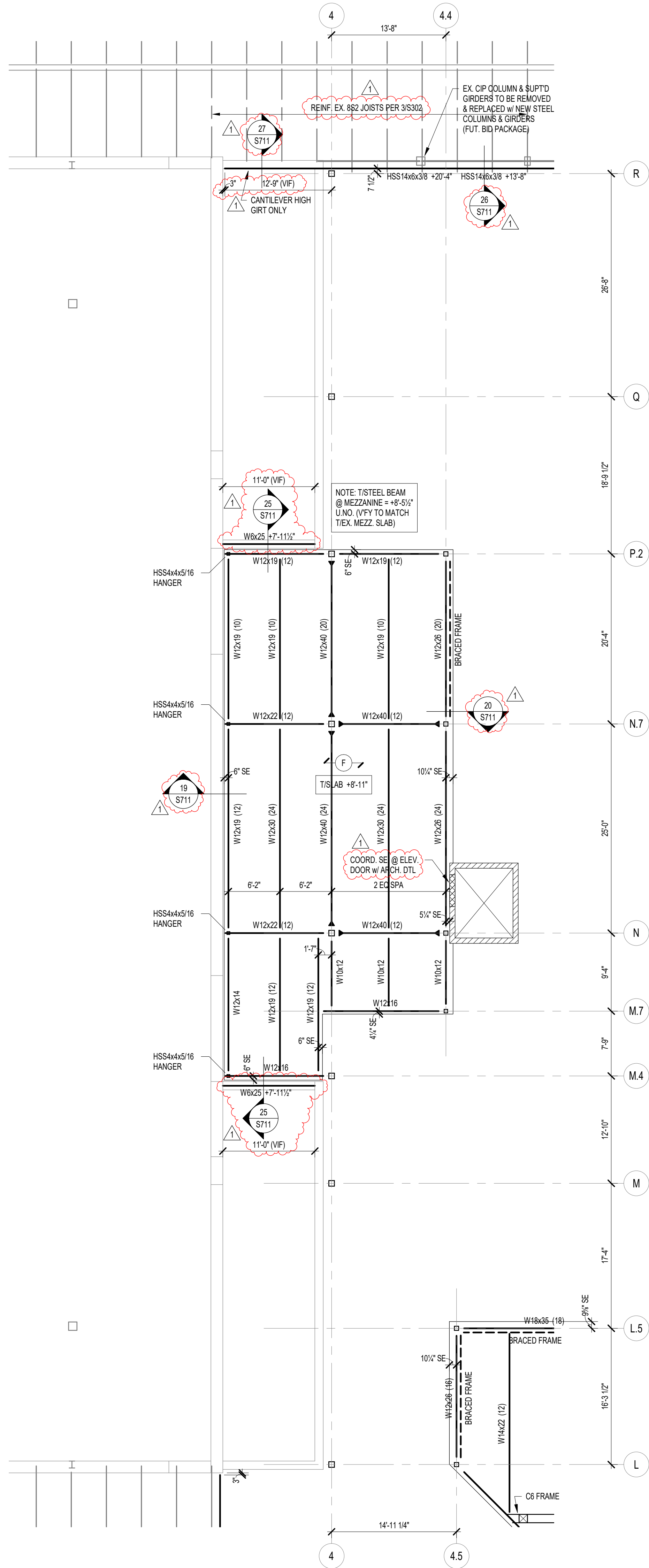
- ### FRAMING PLAN NOTES
- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
 - REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
 - ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
 - ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS, IMMEDIATELY CONTACT THE ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
 - ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY USGS ELEVATION WITH CIVIL DWGS.
 - ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
 - REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
 - COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
 - ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
 - PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL T544. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
 - PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S404. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
 - PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS, 1" O.C. MAX VERTICAL SPACING. PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
 - ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE OPEN-CORE BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
 - REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
 - ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SA SPECIFICATIONS.
 - FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON MECH. DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
 - PLAN LEGEND:
 - F.F. DENOTES FIN. FLOOR
 - EX. DENOTES EXISTING CONSTRUCTION
 - TX" DENOTES TOP OF STEEL SLAB, ETC.
 - BT" DENOTES BOTTOM OF LINTEL, ETC.
 - SE DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
 - DE DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
 - BP DENOTES BEAM BEARING PLATE ON CMU WALL
 - F DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 3/2" W/ CONG. SLAB w/ 6#x12 14W2.1 WVF, TOTAL " = 51"; REF. DETAIL 15044.
 - I DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK, REF. DETAIL 25404.
 - DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
 - DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S404.
 - - - DENOTES BRACED FRAME OR KICKER LOCATION
 - DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.
 - WIDE-FLANGE BEAM & GIRDER NOTATION:
 - BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION IN STEEL FABRICATORS SSEE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED). REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 10 KIPS.
 - NO. OF 3/4" DIA. 4" LONG SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM
 - POSTIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION
 - W16x31 (10) c = 3/4"
 - R = 24"
 - DENOTES BEAM REACTION IN KIPS (SEE NOTES ABOVE)

TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN



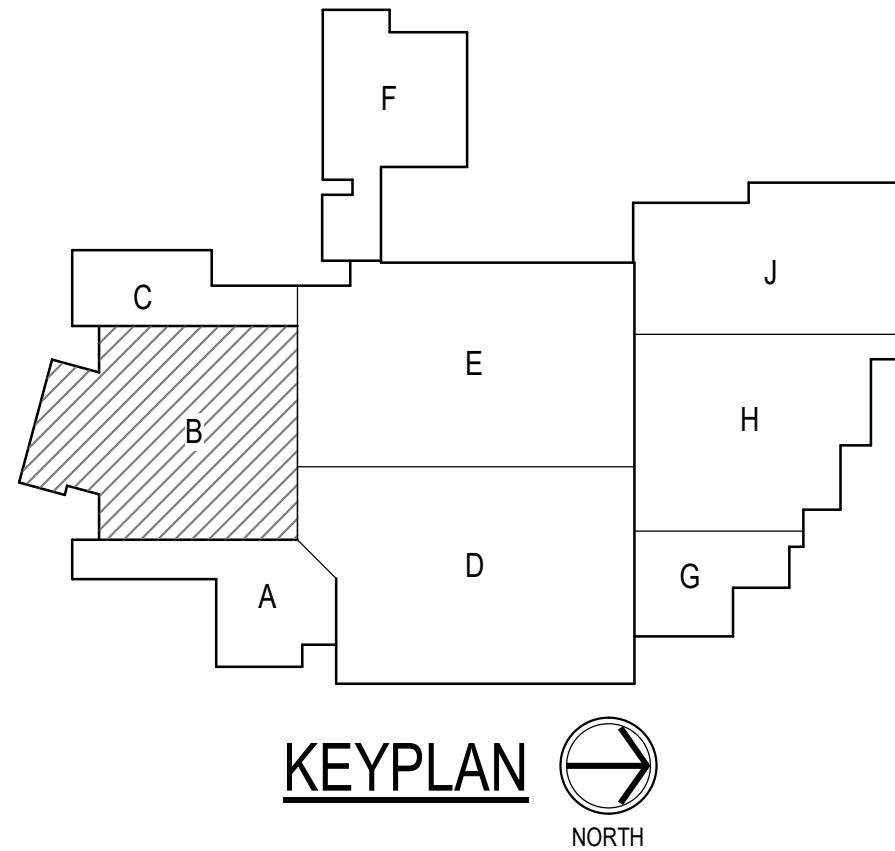


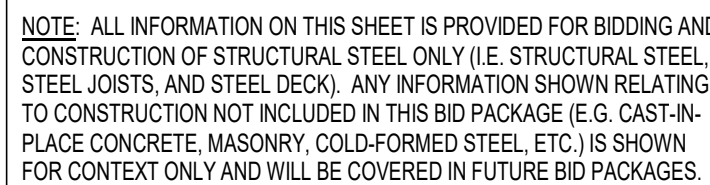
1 SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT B
SCALE: 1/8" = 1'-0"

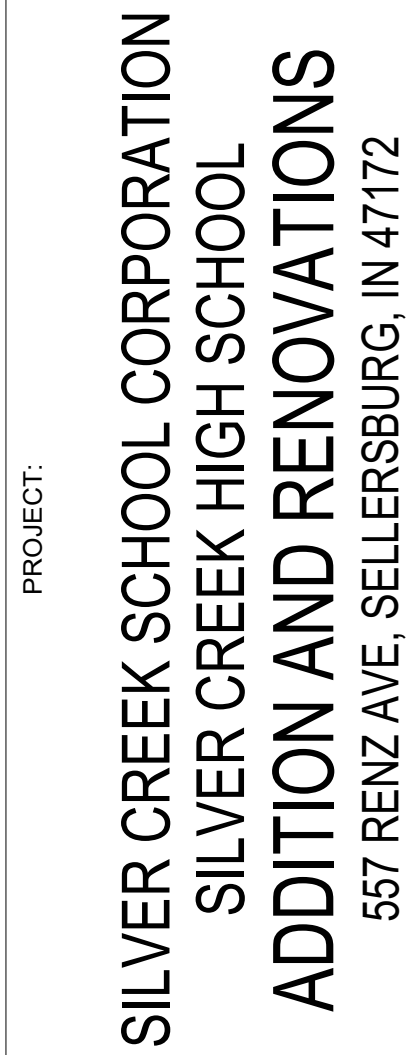
NOTE: ALL INFORMATION ON THIS SHEET IS PROVIDED FOR BIDDING AND CONSTRUCTION OF STRUCTURAL STEEL ONLY (I.E. STRUCTURAL STEEL, STEEL JOISTS, AND STEEL DECK). ANY INFORMATION SHOWN RELATING TO CONSTRUCTION NOT INCLUDED IN THIS BID PACKAGE (E.G. CAST-IN-PLACE CONCRETE, MASONRY, COLD-FORMED STEEL, ETC.) IS SHOWN FOR CONTEXT ONLY AND WILL BE COVERED IN FUTURE BID PACKAGES.

- ### FRAMING PLAN NOTES
- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
 - REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
 - ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
 - ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS, IMMEDIATELY CONTACT THE ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
 - ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY USGS ELEVATION WITH CIVIL DWGS.
 - ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
 - REF. ARCH. DRAWINGS: FOR ALL DIMENSIONS NOT SHOWN, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
 - COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
 - ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
 - PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL T504. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
 - PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S404. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
 - PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (1/2" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
 - ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE OPEN-CORE BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
 - REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
 - ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER S4 SPECIFICATIONS.
 - FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
 - PLAN LEGEND:

- | | |
|------|---|
| F.F. | DENOTES FIN. FLOOR |
| EX | DENOTES EXISTING CONSTRUCTION |
| T/X | DENOTES TOP OF STEEL SLAB, ETC. |
| B/X | DENOTES BOTTOM OF LINTEL, ETC. |
| SE | DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE |
| DE | DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE |
| BP | DENOTES BEAM BEARING PLATE ON CMU WALL |
| F | DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK W/ 3/4" W/ CONG. SLAB w/ 6#x42 14x21 WVF. TOTAL " = 51"; REF. DETAIL 1504A. |
| I | DENOTES 11x1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 25404. |
| ● | DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405. |
| ● | DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S404. |
| --- | DENOTES BRACED FRAME OR KICKER LOCATION |
| ⊗ | DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES. |
18. WIDE-FLANGE BEAM & GIRDER NOTATION:
BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATORS (SEE ALLOWABLE STRESS DESIGN / LOADS UNFACTORED). REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 10 KIPS.
- NO. OF 3/4" DIA. x 48" LONG SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM
- POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION
- W16x31 (10) c = 31"
- R = 24"
- DENOTES BEAM REACTION IN KIPS (SEE NOTES ABOVE)
- TYPICAL COMPOSITE BEAM DIAGRAM





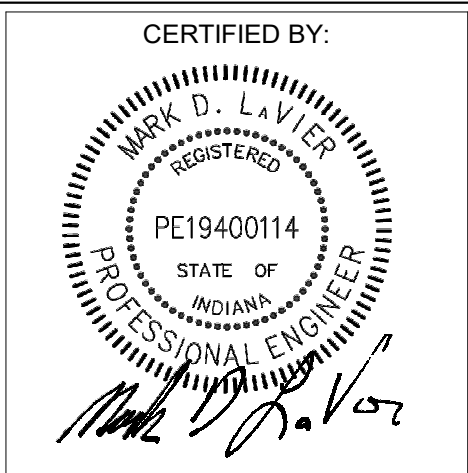


REVISIONS:

	ADDENDUM 1	05-10-2023
---	------------	------------

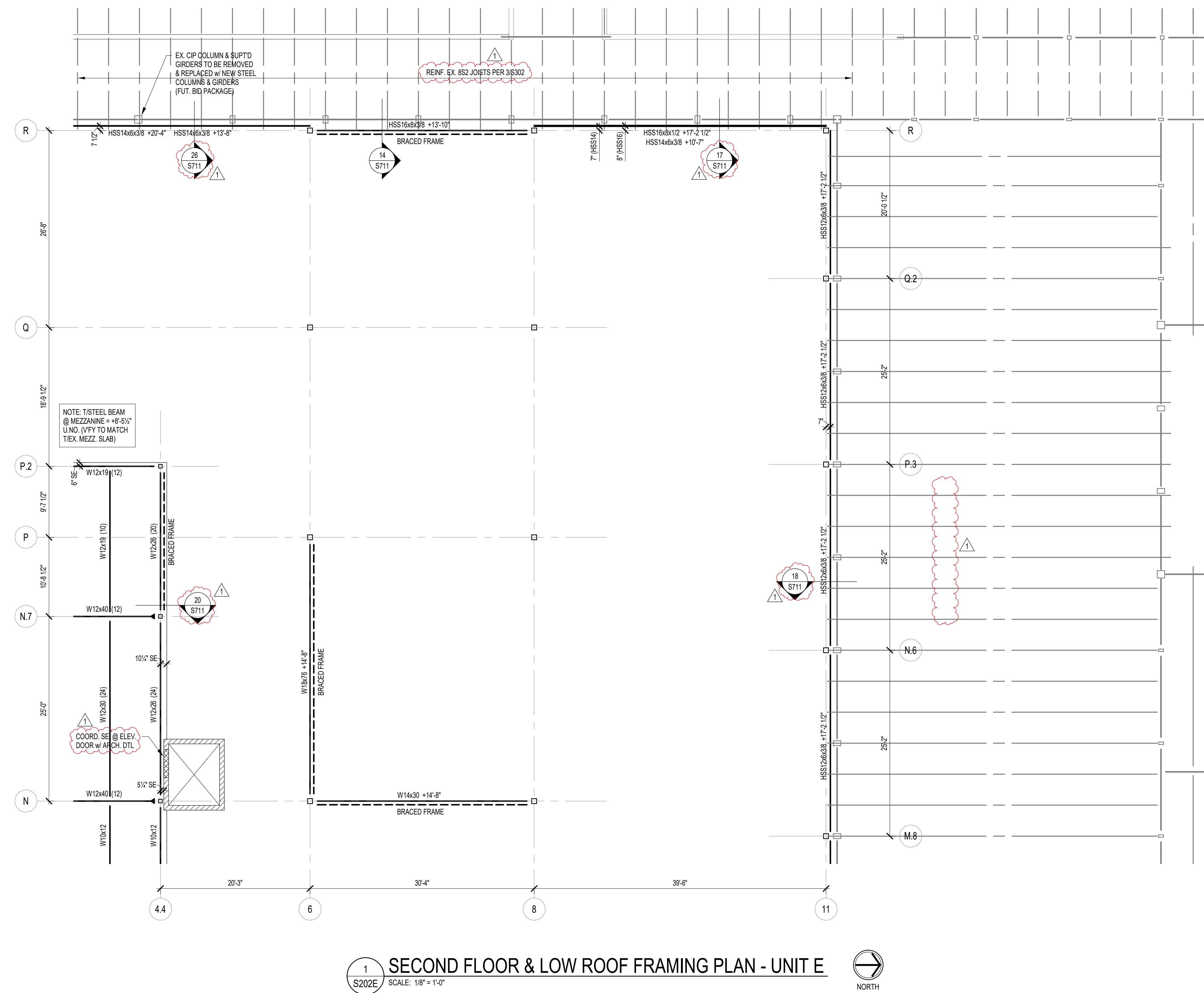
ISSUE DATE	DRAWN BY	CHECKED BY
04-15-2022	JRV	MDL

DRAWING TITLE:
SECOND FLOOR
& LOW ROOF
FRAMING PLAN -
UNIT E

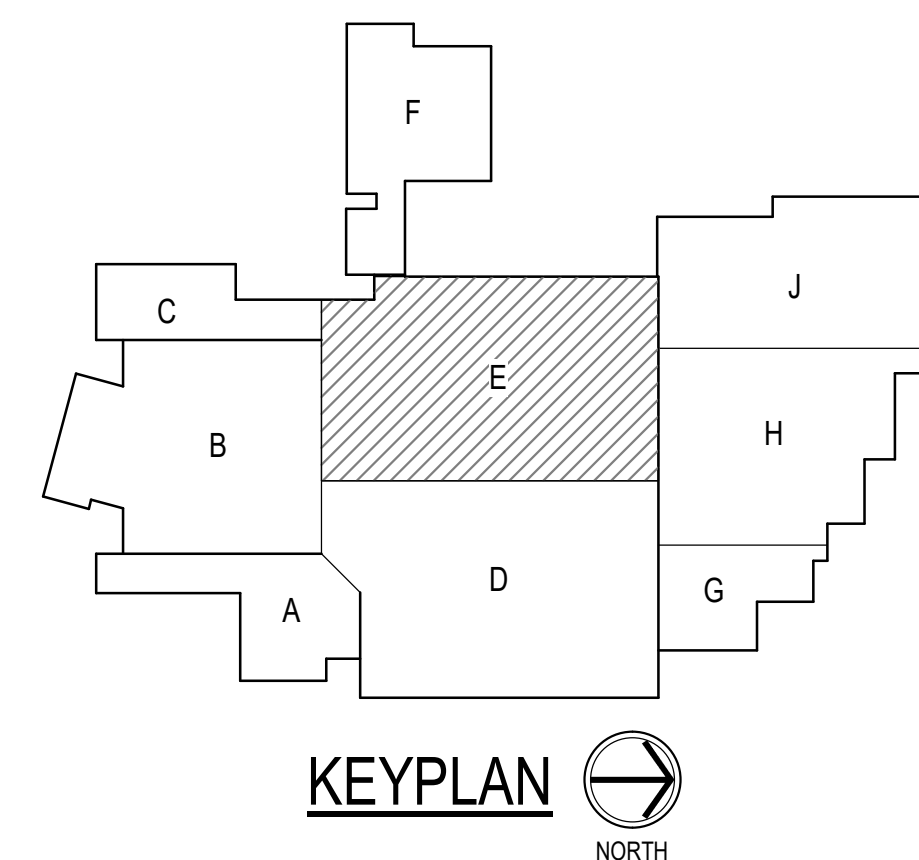


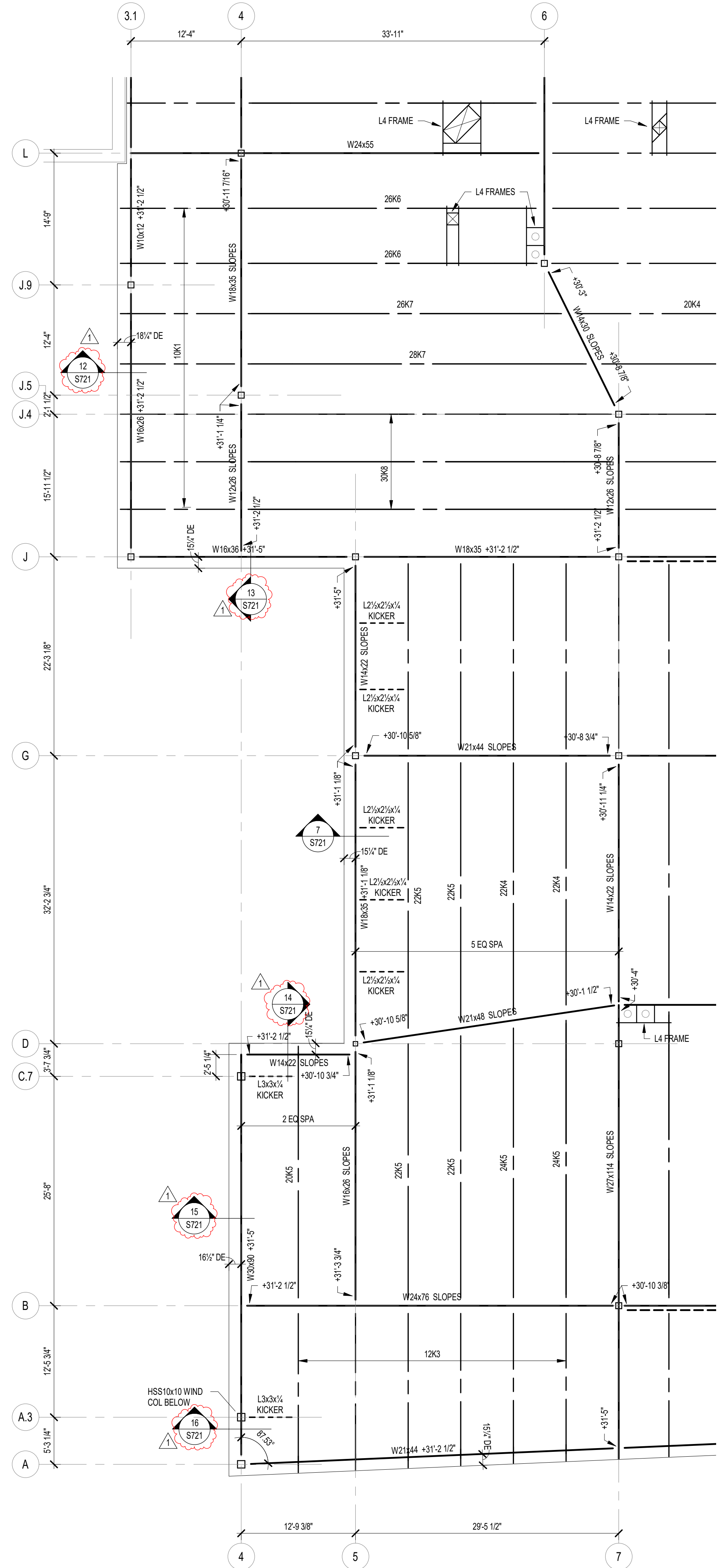
DRAWING NUMBER
S202E

PROJECT NUMBER
2021026



NOTE: ALL INFORMATION ON THIS SHEET IS PROVIDED FOR BIDDING AND CONSTRUCTION OF STRUCTURAL STEEL ONLY (I.E. STRUCTURAL STEEL, STEEL JOISTS, AND STEEL DECK). ANY INFORMATION SHOWN RELATING TO CONSTRUCTION NOT INCLUDED IN THIS BID PACKAGE (E.G. CAST-IN-PLACE CONCRETE, MASONRY, COLD-FORMED STEEL, ETC.) IS SHOWN FOR CONTEXT ONLY AND WILL BE COVERED IN FUTURE BID PACKAGES.

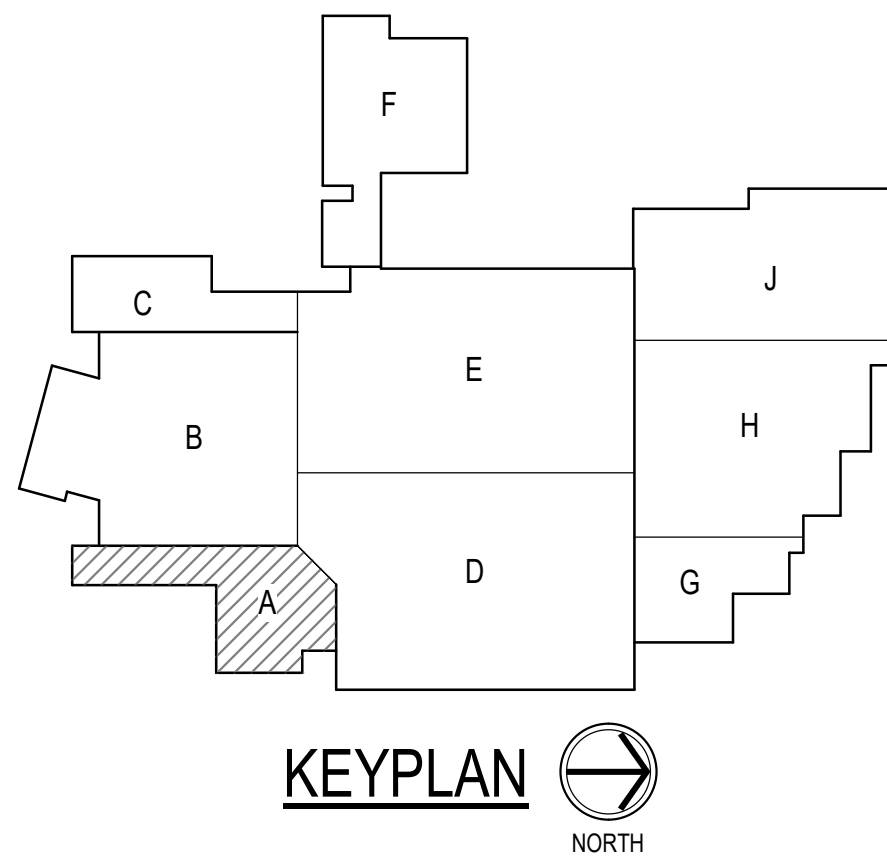
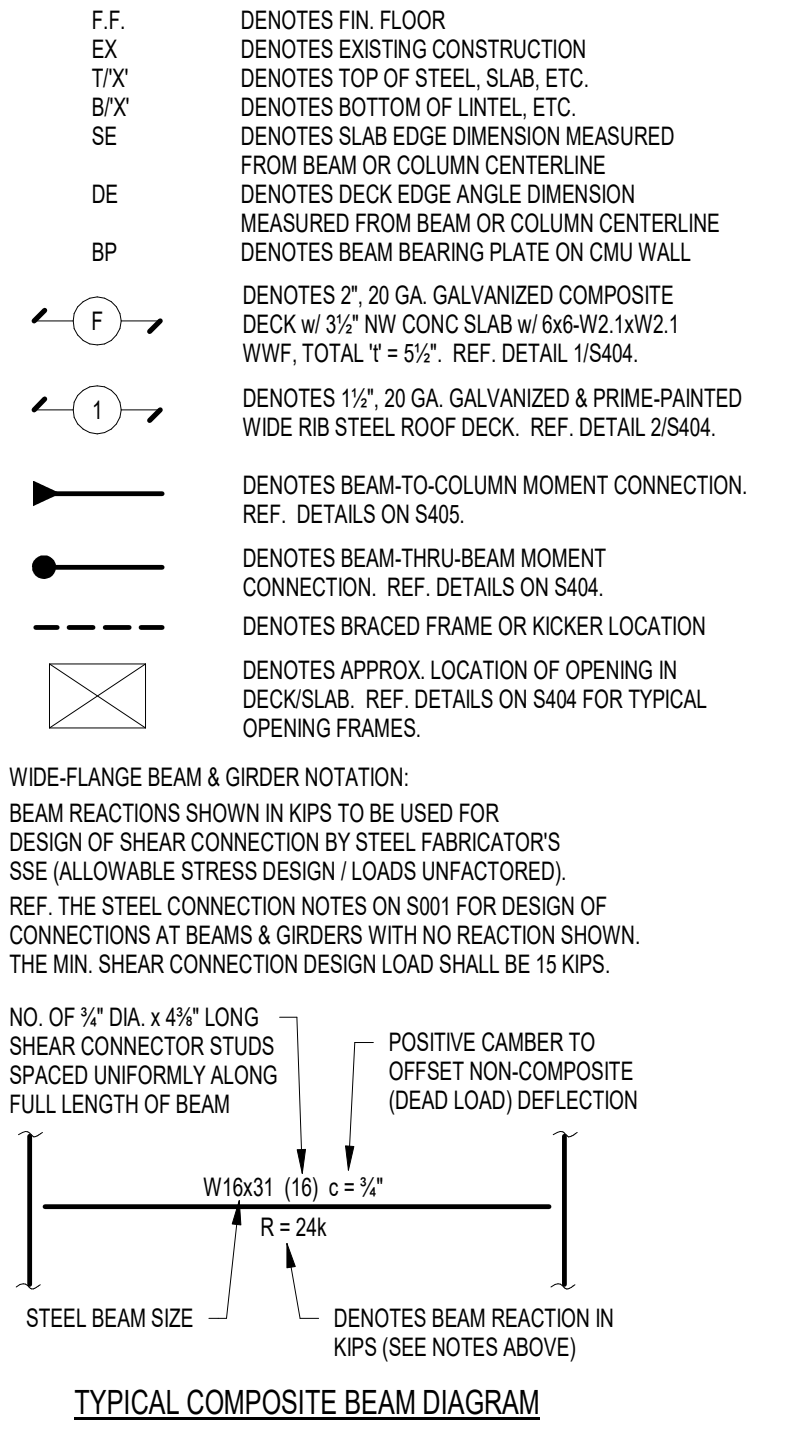




1 ROOF FRAMING PLAN - UNIT A
S203A SCALE: 1/8" = 1'-0"

NOTE: ALL INFORMATION ON THIS SHEET IS PROVIDED FOR BIDDING AND CONSTRUCTION OF STRUCTURAL STEEL ONLY (I.E. STRUCTURAL STEEL, STEEL JOISTS, AND STEEL DECK). ANY INFORMATION SHOWN RELATING TO CONSTRUCTION NOT INCLUDED IN THIS BID PACKAGE (E.G. CAST-IN-PLACE CONCRETE, MASONRY, COLD-FORMED STEEL, ETC.) IS SHOWN FOR CONTEXT ONLY AND WILL BE COVERED IN FUTURE BID PACKAGES.

- FRAMING PLAN NOTES**
- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
 - REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
 - ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
 - ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS, IMMEDIATELY CONTACT THE ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
 - ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0.0'. VERIFY USGS ELEVATION WITH CIVIL DWGS.
 - ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
 - REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
 - COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
 - ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
 - PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL T504. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
 - PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S404. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
 - PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (1" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
 - ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE OPEN-CORE BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
 - REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
 - ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SA SPECIFICATIONS.
 - FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
 - PLAN LEGEND:
 - F.F. DENOTES FIN. FLOOR
 - EX. DENOTES EXISTING CONSTRUCTION
 - T/X DENOTES TOP OF STEEL SLAB, ETC.
 - B/X DENOTES BOTTOM OF LINTEL, ETC.
 - SE DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
 - DE DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
 - BP DENOTES BEAM BEARING PLATE ON CMU WALL
 - F DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK W/ 3/2" W/ CONC. SLAB w/ 6#x12 14W2.1 WVF, TOTAL " = 51"; REF. DETAIL 1504K.
 - I DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK, REF. DETAIL 2/S404.
 - DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
 - DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S404.
 - DENOTES BRACED FRAME OR KICKER LOCATION
 - ⊗ DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.
 - WIDE-FLANGE BEAM & GIRDER NOTATION:
 - BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATORS (SEE ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
 - REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 10 KIPS.



CSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.842.7800 | CSO@csnet.net
© 2014 CSO Architects, Inc. All Rights Reserved

Lynch, Harrison & Brumfiel, Inc.
550 Virginia Avenue
Indianapolis, IN 46203
317.423.1550

SILVER CREEK SCHOOL CORPORATION
SILVER CREEK HIGH SCHOOL
ADDITION AND RENOVATIONS
557 RENZ AVE, SELLERSBURG, IN 47172

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the arrangement of structural, mechanical and electrical systems. The drawings are not necessarily indicative of the actual work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
ADDENDUM 1 05-10-2022

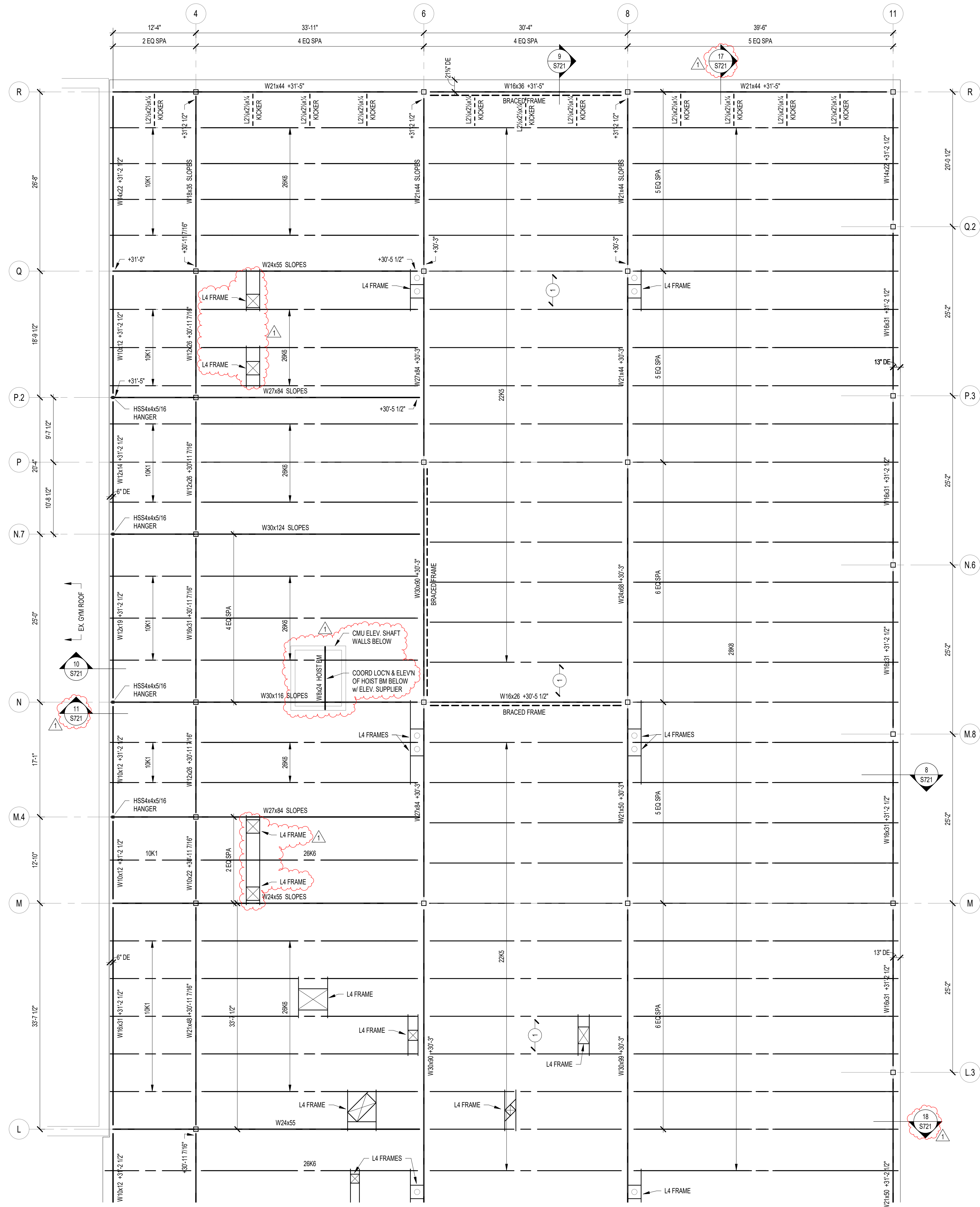
ISSUE DATE 04-15-2022
DRAWN BY JRV
CHECKED BY MDL

DRAWING TITLE:
ROOF FRAMING
PLAN - UNIT A

CERTIFIED BY:
MARK D. LAY
REGISTERED PROFESSIONAL ENGINEER
STATE OF INDIANA
PE19400114
10/15/2017

DRAWING NUMBER
S203A

PROJECT NUMBER
2021026



1 ROOF FRAMING PLAN - UNIT E
S203E SCALE: 1/8" = 1'-0"



NOTE: ALL INFORMATION ON THIS SHEET IS PROVIDED FOR BIDDING AND CONSTRUCTION OF STRUCTURAL STEEL ONLY (I.E. STRUCTURAL STEEL, STEEL JOISTS, AND STEEL DECK). ANY INFORMATION SHOWN RELATING TO CONSTRUCTION NOT INCLUDED IN THIS BID PACKAGE (E.G. CAST-IN-PLACE CONCRETE, MASONRY, COLD-FORMED STEEL, ETC.) IS SHOWN FOR CONTEXT ONLY AND WILL BE COVERED IN FUTURE BID PACKAGES.

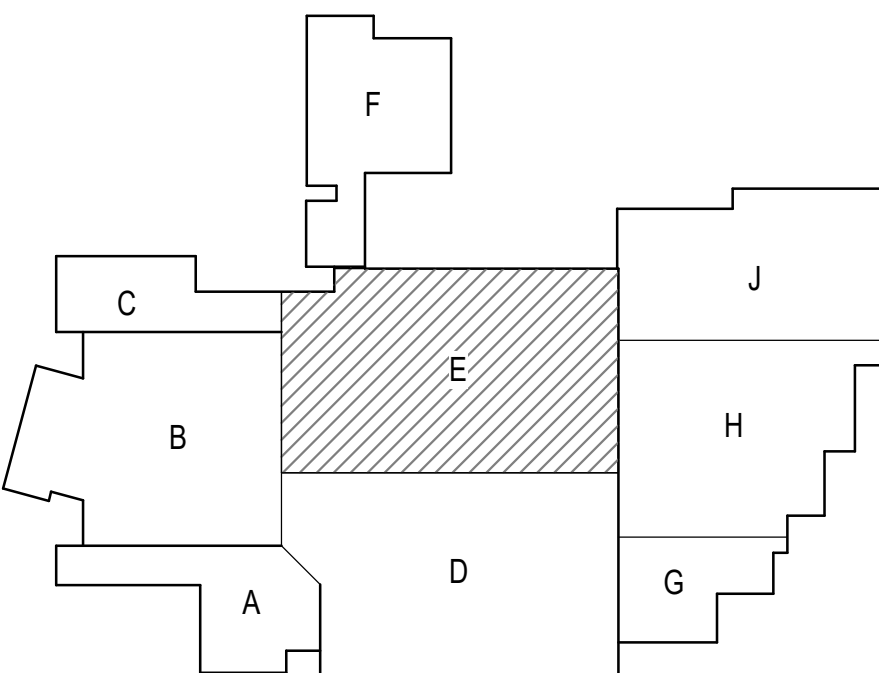
FRAMING PLAN NOTES

- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS, IMMEDIATELY CONTACT THE ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY USGS ELEVATION WITH CIVIL DWGS.
- ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
- REF. ARCH. DRAWINGS: FOR ALL DIMENSIONS NOT SHOWN, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
- ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
- PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL T504. COORDINATE EXACT NUMBER, LOCATION & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
- PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S404. COORD. EXACT NUMBER, LOCATION & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
- PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (17" O.C. MAX VERTICAL SPACING). PROVIDE 1/2" OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE OPEN-CORE BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
- REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SA SPECIFICATIONS.
- FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.

17. PLAN LEGEND:
- | | |
|------|--|
| F.F. | DENOTES FIN. FLOOR |
| EX | DENOTES EXISTING CONSTRUCTION |
| T/X | DENOTES TOP OF STEEL SLAB, ETC. |
| B/X | DENOTES BOTTOM OF LINTEL, ETC. |
| RE | DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE |
| DE | DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE |
| BP | DENOTES BEAM BEARING PLATE ON CMU WALL |
| F | DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 3/4" W/ CONG. SLAB w/ 6#W2 14X21 WVF, TOTAL 7'-5 1/2"; REF. DETAIL 1504A. |
| I | DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK, REF. DETAIL 25404. |
| ● | DENOTES BEAM-TO-COLUMN MOMENT CONNECTION, REF. DETAILS ON S405. |
| ● | DENOTES BEAM-THRU-BEAM MOMENT CONNECTION, REF. DETAILS ON S404. |
| --- | DENOTES BRACED FRAME OR KICKER LOCATION |
| ⊗ | DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB, REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES. |

18. WIDE-FLANGE BEAM & GIRDER NOTATION:
- BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATORS SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED). REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 10 KIPS.
- NO. OF 3/4" DIA. 4-4N" LONG SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM
- POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION
- STEEL BEAM SIZE
- W16x31 (10) c = 3 1/4"
- R = 24"
- DENOTES BEAM REACTION IN KIPS (SEE NOTES ABOVE)

TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN NORTH



CSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.842.7800 | 506mch.net

Lynch, Harrison & Brumleve, Inc.
550 Virginia Avenue
Indianapolis, IN 46203
317.423.1550

PROJECT:
SILVER CREEK SCHOOL CORPORATION
SILVER CREEK HIGH SCHOOL
ADDITION AND RENOVATIONS
557 RENZ AVE, SELLERSBURG, IN 47172

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the arrangement of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
ADDENDUM 1 05-10-2022

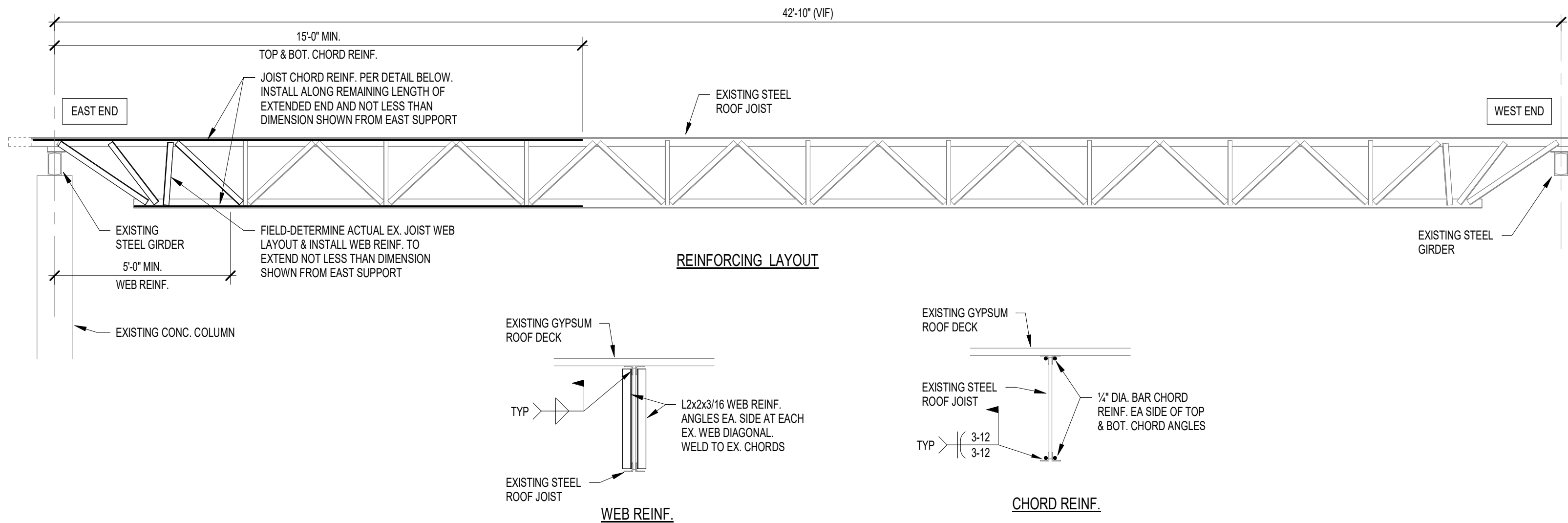
ISSUE DATE 04-15-2022
DRAWN BY JRJ
CHECKED BY MDL

DRAWING TITLE:
ROOF FRAMING
PLAN - UNIT E

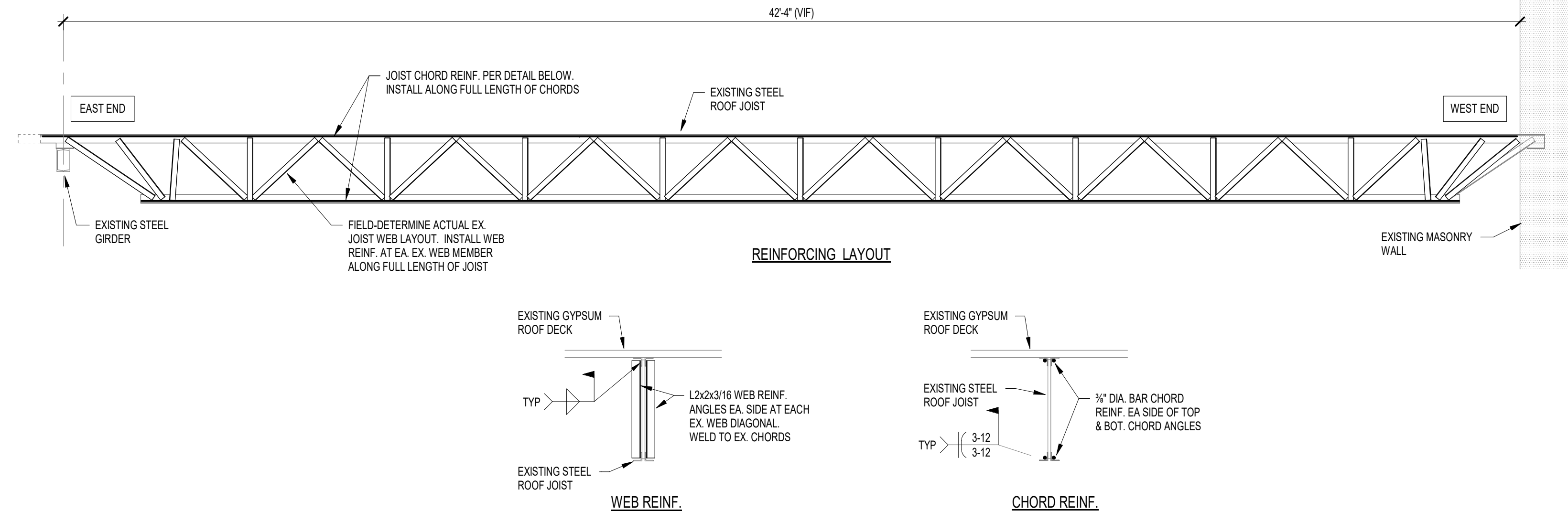
CERTIFIED BY:
MAX D. LAY
REGISTERED PROFESSIONAL ENGINEER
PE19400114
STATE OF INDIANA

DRAWING NUMBER
S203E

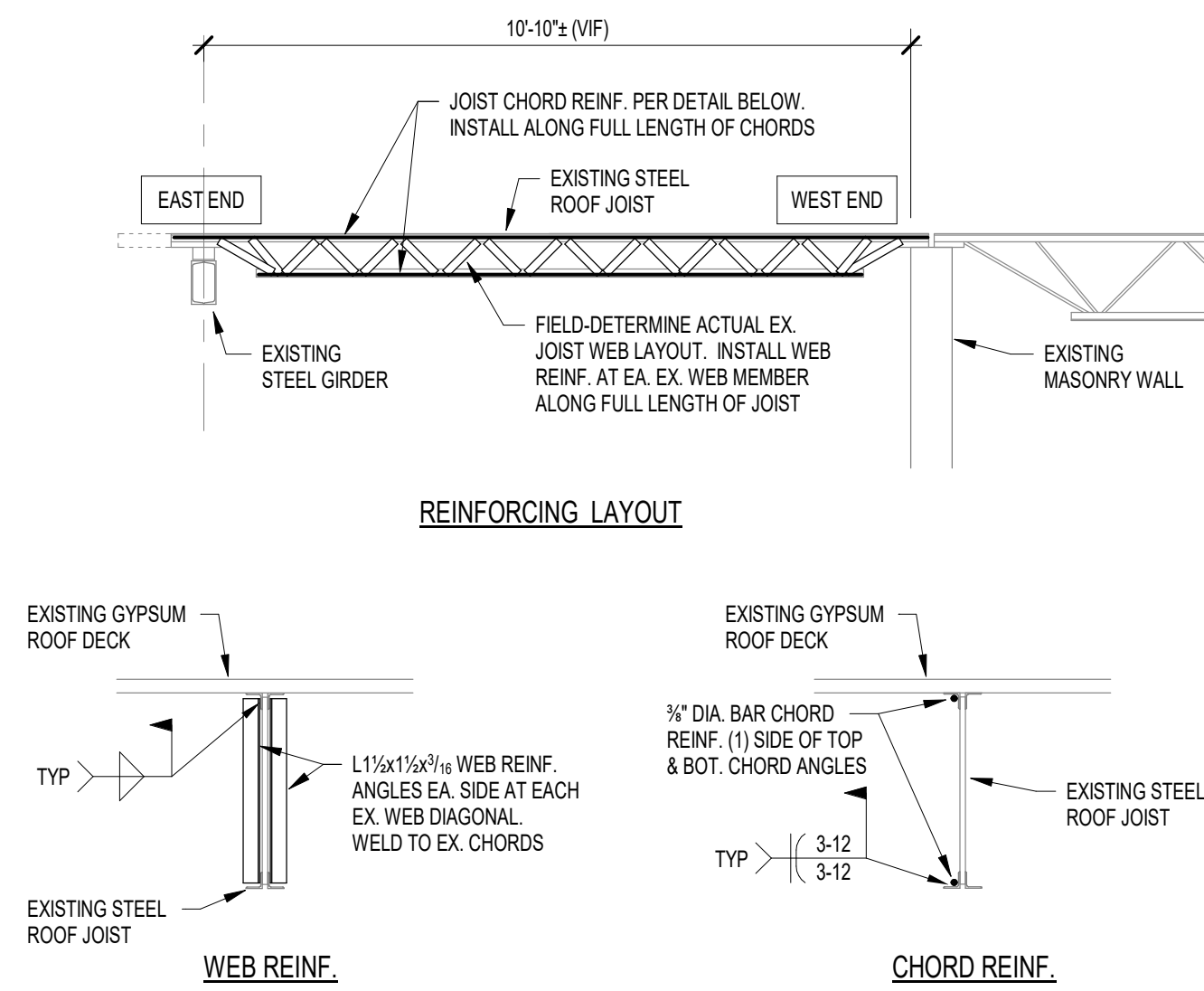
PROJECT NUMBER
2021026



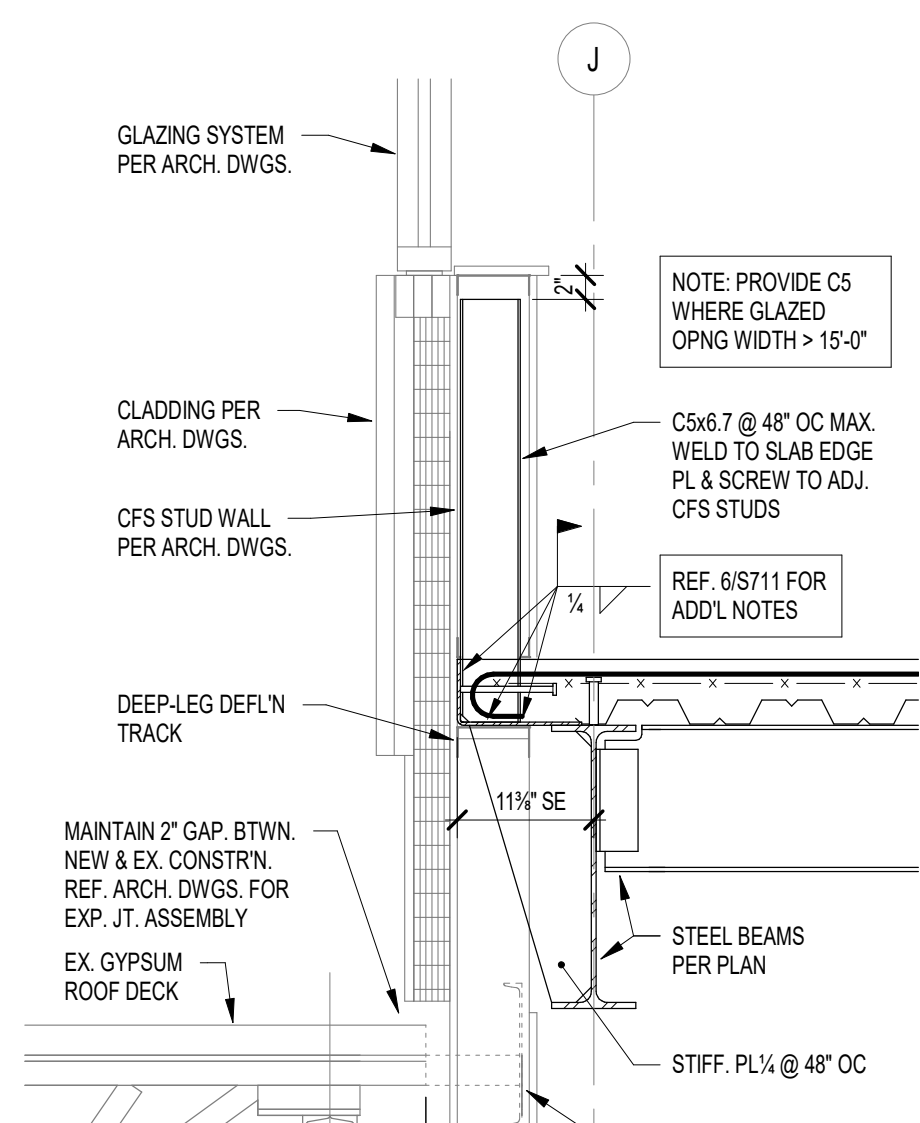
1 EX. 24L06 JOIST REINF. DETAILS
SCALE: 3/8" = 1'-0"



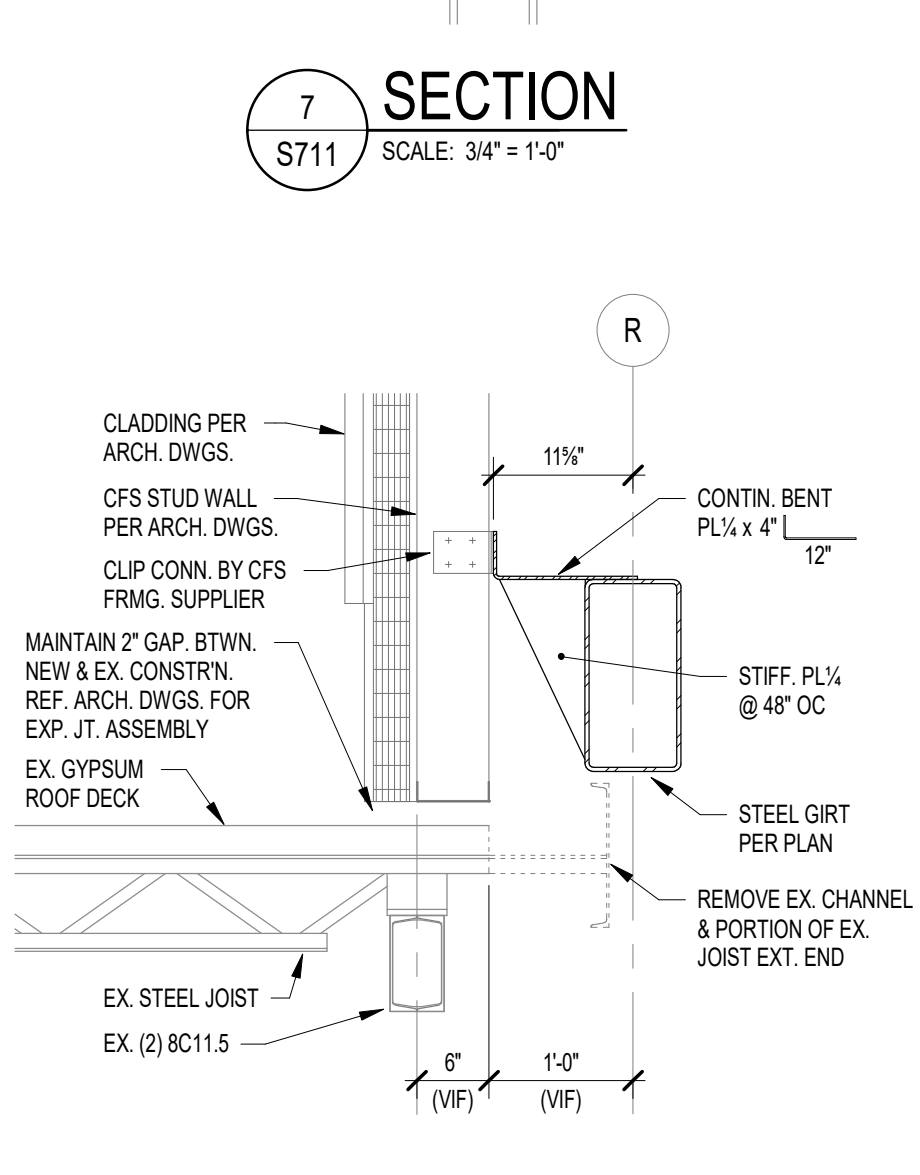
2 EX. 24L06 JOIST REINF. DETAILS
SCALE: 3/8" = 1'-0"



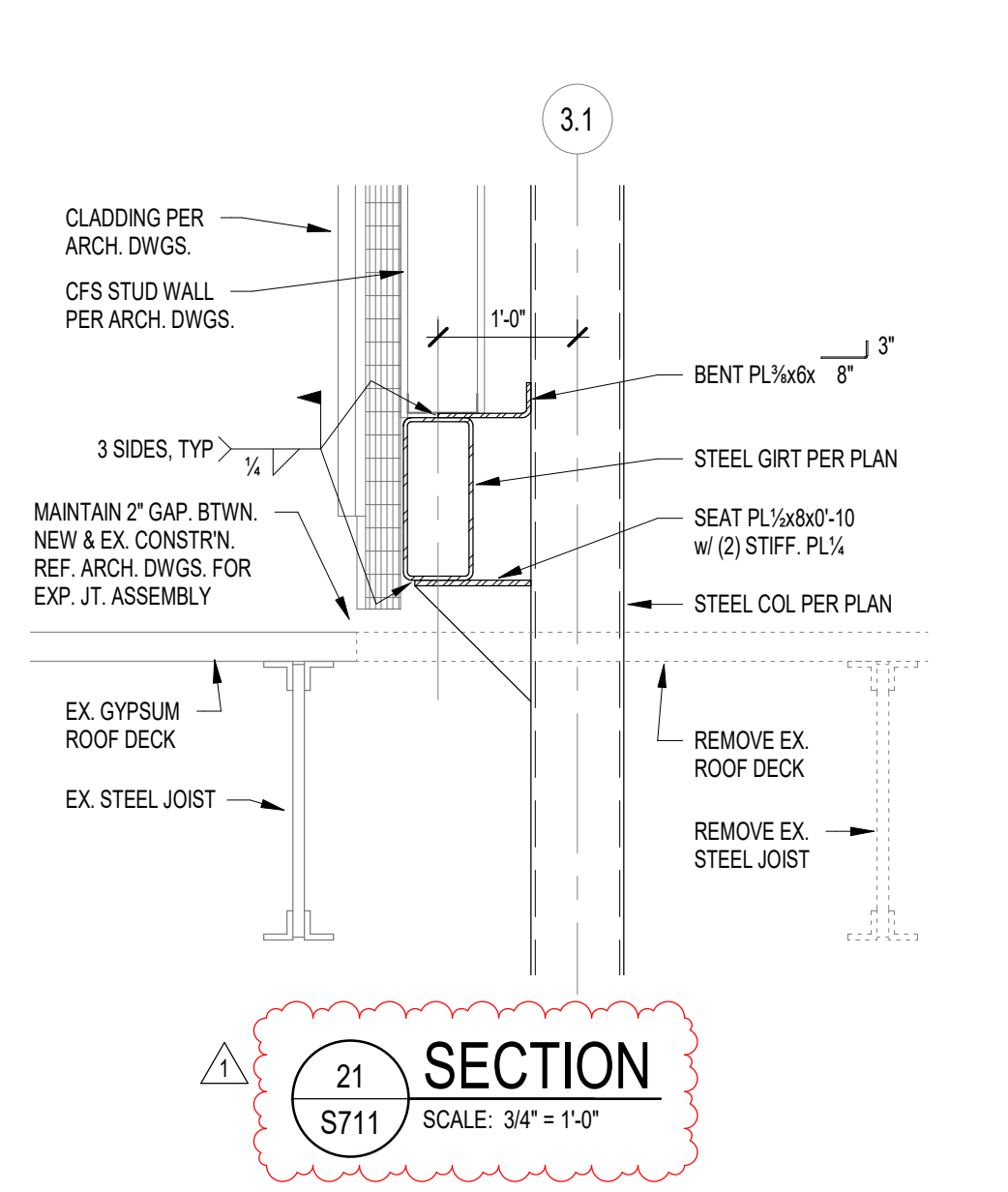
3 EX. 8S2 JOIST REINF. DETAILS
SCALE: 3/8" = 1'-0"



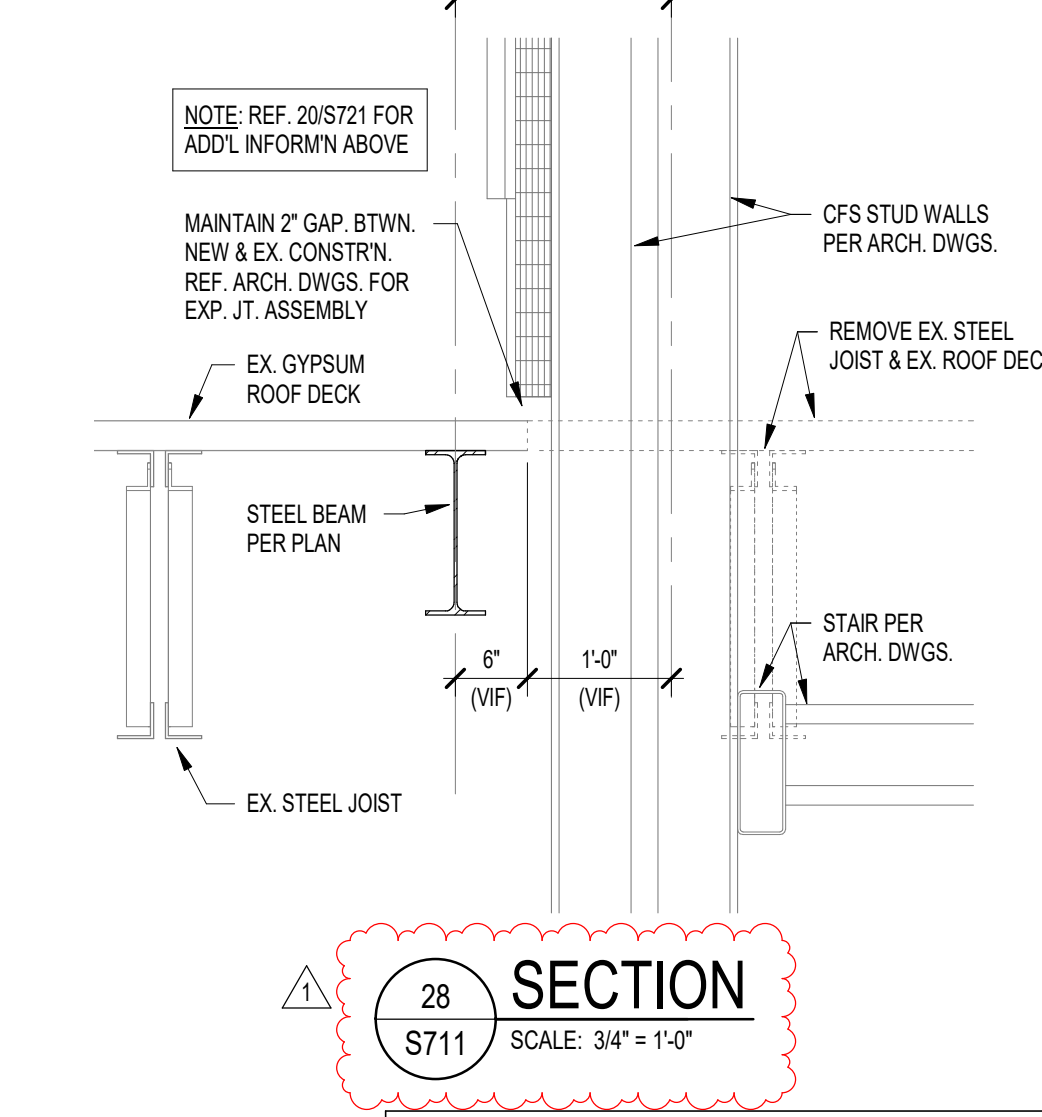
7 SECTION
S711 SCALE: 3/4" = 1'-0"



14 SECTION
S711 SCALE: 3/4" = 1'-0"



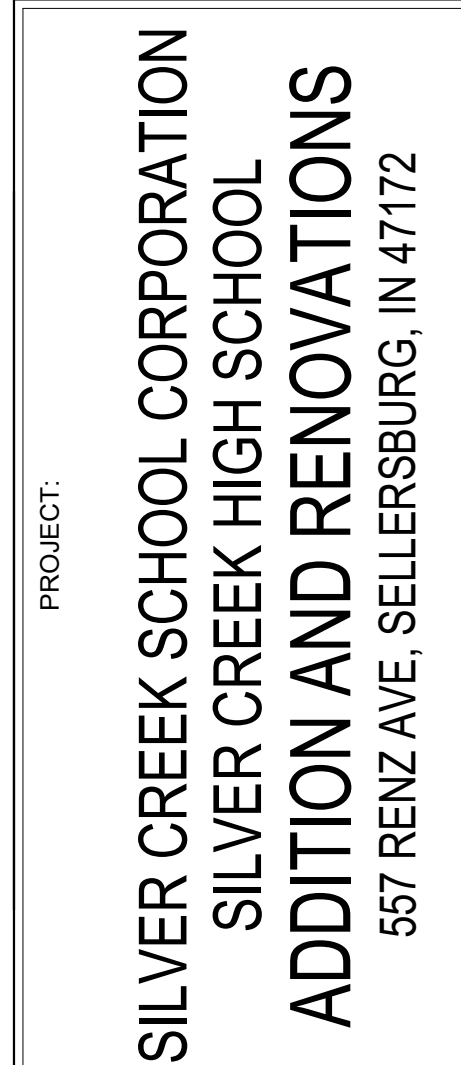
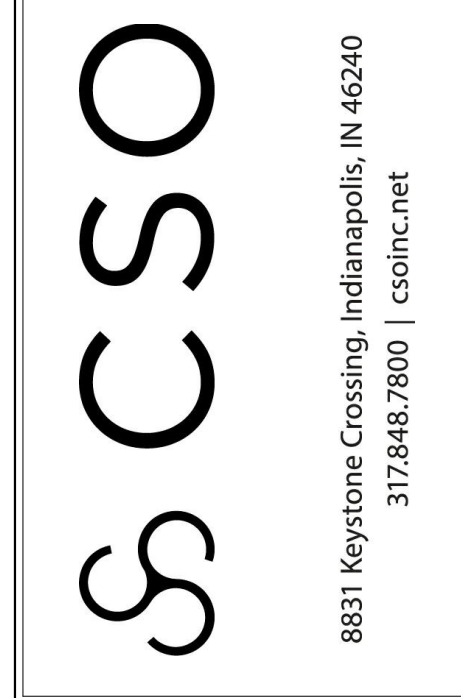
SECTION




SECTION

DRAWING NUMBER
S711

PROJECT NUMBER
2021026



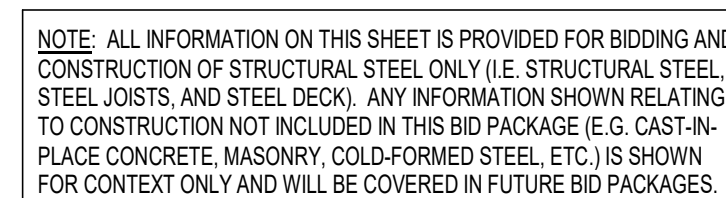
REVISIONS:
 ADDENDUM 1 05-10-2022

DRAWING TITLE:

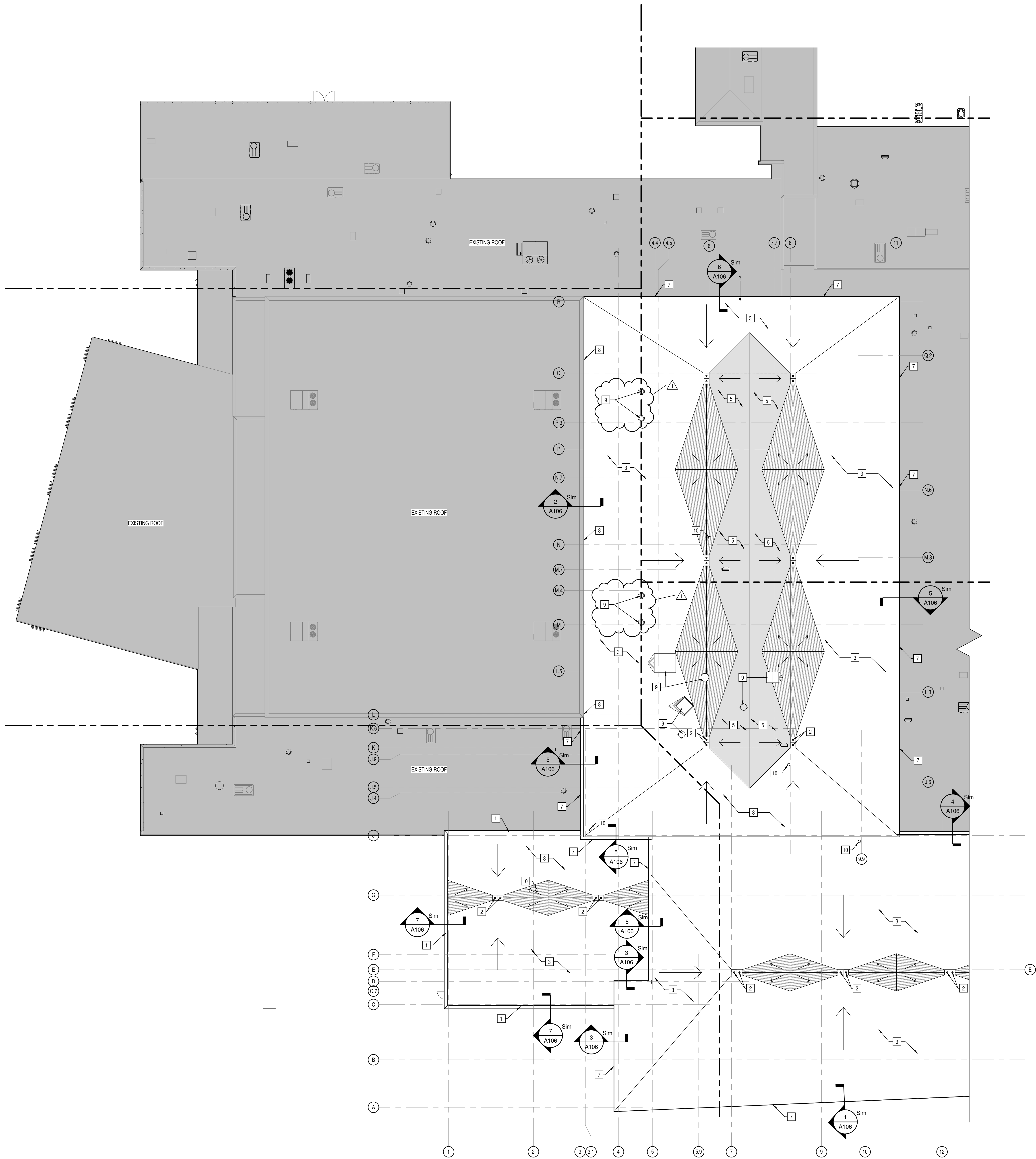
**FRAMING
SECTIONS &
DETAILS**

DRAWING NUMBER
S721

PROJECT NUMBER
2021026



NOTE: ALL INFORMATION ON THIS SHEET IS PROVIDED FOR BIDDING AND CONSTRUCTION OF STRUCTURAL STEEL ONLY (I.E. STRUCTURAL STEEL, STEEL JOISTS, AND STEEL DECK). ANY INFORMATION SHOWN RELATING TO CONSTRUCTION NOT INCLUDED IN THIS BID PACKAGE (E.G. CAST-IN-PLACE CONCRETE, MASONRY, COLD-FORMED STEEL, ETC.) IS SHOWN FOR CONTEXT ONLY AND WILL BE COVERED IN FUTURE BID PACKAGES.



1 ROOF PLAN - SOUTH
A104 SCALE: 1/16" = 1'-0"

ROOF ABBREVIATIONS

DR DUCT THRU ROOF
DS METAL DOWNSPOUT
EJ EXPANSION JOINT
FS FLUE STACK; SEE MECHANICAL
GU METAL GUTTER
PV PLUMBING VENT
RAV RELIEF AIR VENT; SEE MECHANICAL
RH ROOF HATCH

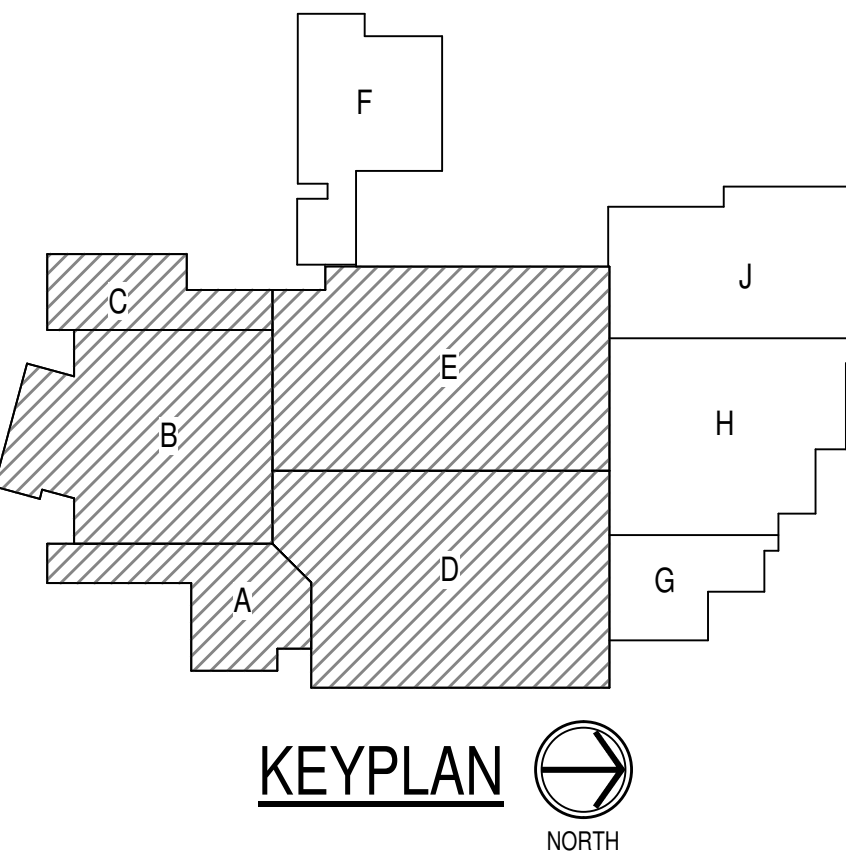
GENERAL ROOF NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE BEST QUALITY STANDARDS OF THE TRADE, AND SHALL CONFORM WITH THE LATEST EDITION OF ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS. THE SAME ARE MADE A PART OF THESE CONTRACT DOCUMENTS, AS IF REPEATED HEREIN.
- CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH. CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.
- CONTRACTOR SHALL PROVIDE ANY AND ALL TEMPORARY UTILITY SERVICE REQUIRED TO CONSTRUCT THE WORK. CONTRACTOR MAY EXTEND SERVICES FROM EXISTING LOCATIONS TO WHERE THEY ARE REQUIRED. REMOVE TEMPORARY UTILITIES AND RELATED EXTENSIONS AS SOON AS PRACTICABLE. RESTORE ALL AFFECTED AREAS TO ORIGINAL CONDITION.
- CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.
- STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT, INSIDE OR OUTSIDE THE BUILDING.
- CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
- CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
- PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION 149 OF THE FM GLOBAL LOSS PREVENTION GUIDE.
- EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT. SEE PLUMBING PLANS FOR LOCATIONS.
- ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURERS RECOMMENDATIONS. CRICKETS AND SADDLES SHOULD HAVE A MINIMUM OF TWO TIMES THE SLOPE OF THE PRIMARY TAPERED SYSTEM OR STRUCTURAL SLOPE. THE RATIO OF A CRICKET'S WIDTH TO LENGTH SHOULD BE NO LESS THAN 1 TO 3.
- PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.
- PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION HEIGHT TO ANOTHER.
- NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK.
- PERIMETER EDGE METAL TO COMPLY WITH ANSISPR E5-1 FM GLOBAL 1-49.
- SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.
- INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN. NOTIFY ARCHITECT OF ANY DETERIORATED BLOCKING NEEDING REPLACEMENT. CONTRACTOR TO REPLACE AND DAMAGED BLOCKING ON A TIME AND MATERIAL BASIS, SEE SPECIFICATIONS.
- ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC. ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED ACCORDING TO MANUFACTURERS WRITTEN SPECIFICATIONS AND APPROVED DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, GUTTERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOF CONTRACTOR SHALL CLEAR ALL DRAINS, GUTTERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.
- MECHANICAL, ELECTRICAL AND PLUMBING INFORMATION SHOWN ON THIS PLAN IS GENERAL IN NATURE. REFER TO P, M AND E DRAWINGS FOR FURTHER INFORMATION AND COORDINATE ALL REQUIRED ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT.

ROOFING TYPES SCHEDULE		
TYPE	LEGEND	DESCRIPTION
EXISTING		EXISTING ROOF
TYPE "A"		FULLY ADHERED CLASS "A" ROOFING MEMBRANE OVER 1/2" COVER BOARD, (2) STAGGERED LAYERS OF 2" POLYISO ROOFING INSULATION BOARD TOTAL THICKNESS (4" R-25.2) INSTALLED ONTO METAL ROOF DECK
CRICKET/ SADDLE		ROOF SADDLE CREATED WITH TAPERED INSULATION, SLOPE 1/2" PER FOOT. CRICKETS AND SADDLE TO BE A MINIMUM WIDTH OF 1/2 THE SADDLE LENGTH.

ROOF PLAN NOTES

- PREFINISHED METAL COPING. SEE SPECIFICATIONS FOR BASIS OF DESIGN.
- STANDARD ROOF DRAIN AND OVERFLOW DRAIN. FLASH PER MANUFACTURERS STANDARD DETAILS AND PER OVERALL SYSTEM WARRANTY.
- SLOPED METAL DECK
- ROOF SMOKE VENTS. SEE SPECS.
- 1/4" PER FOOT TAPERED INSULATION
- PREFINISHED METAL DRIP EDGE. SEE SPECIFICATIONS FOR BASIS OF DESIGN.
- ROOF EXPANSION JOINT
- MECHANICAL EQUIPMENT ON ROOF CURB. TOP OF CURB MINIMUM 12" ABOVE ROOF SURFACE. FLASH PER MANUFACTURERS STANDARD DETAILS AND PER OVERALL SYSTEM WARRANTY.
- PLUMBING VENT. FLASH PER ROOFING MANUFACTURERS STANDARD DETAILS AND PER OVERALL SYSTEM WARRANTY.



SSCSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.246.7800 | 501mcrnet
© 2019 SSCS Architects, Inc. All Rights Reserved

PROJECT:
SILVER CREEK SCHOOL CORPORATION
SILVER CREEK HIGH SCHOOL
ADDITION AND RENOVATIONS
557 RENZ AVE, SELLENSBURG, IN 47172

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The drawings are not intended to be a contract. The drawings are not intended to be a contract. The drawings are not intended to be a contract. The drawings are not intended to be a contract.

REVISIONS:
1 ADDENDUM #1 05-10-2022

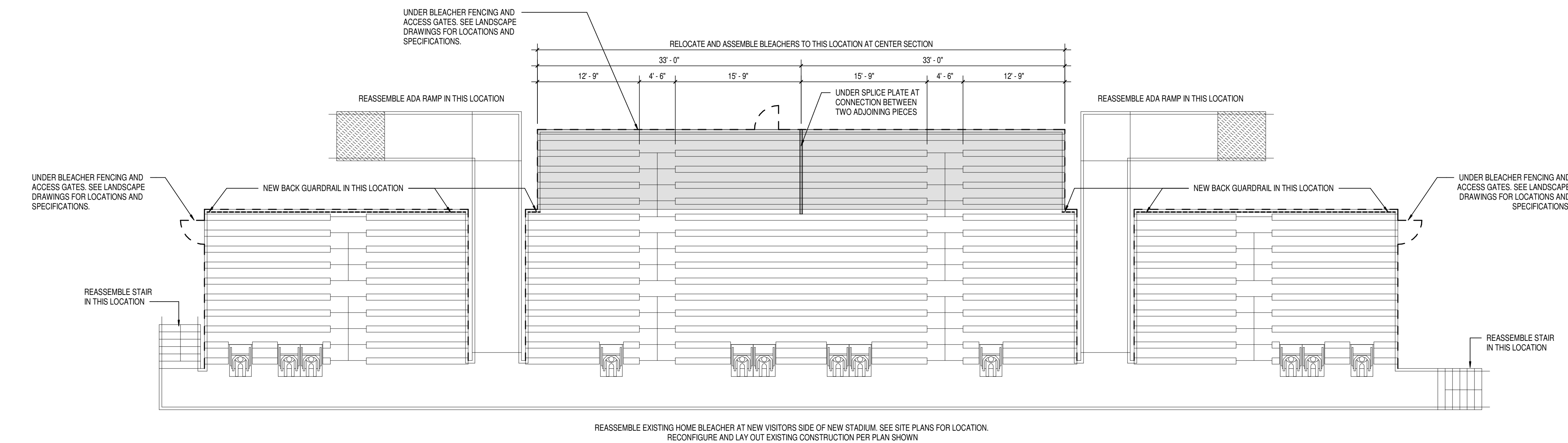
ISSUE DATE 04-15-2022
DRAWN BY Author
CHECKED BY Checker

DRAWING TITLE:
ROOF PLAN - SOUTH

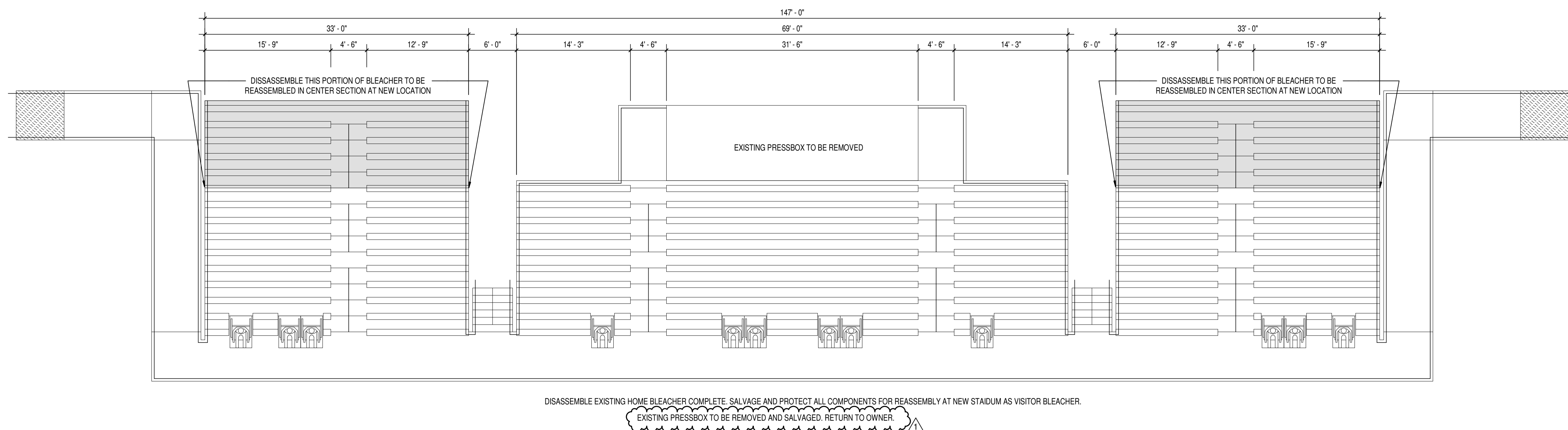
CERTIFIED BY:

DRAWING NUMBER
A104

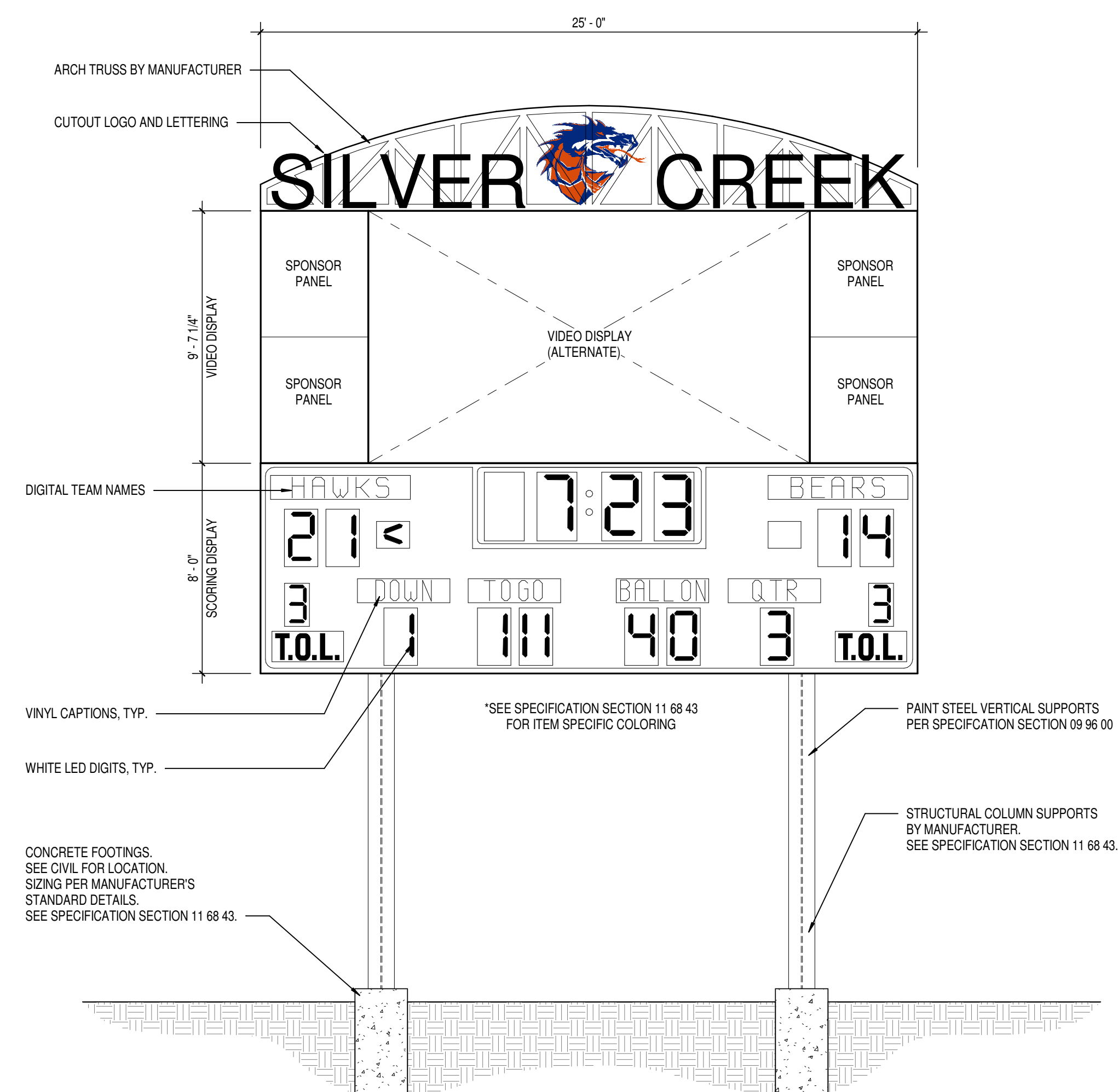
PROJECT NUMBER
2021026



2 RELOCATED EXISTING HOME BLEACHERS
A205 SCALE: 1/8" = 1'-0"



1 EXISTING HOME BLEACHERS
A205 SCALE: 1/8" = 1'-0"



3 STADIUM DISPLAY BOARD
A205 SCALE: 1/4" = 1'-0"




GENERAL NOTES:

- A. REFER TO SHEET E002 FOR GENERAL NOTES.
- B. LEGEND:
- DEMO = DEMOLISH SITE LIGHT POLE AND FIXTURES;
 - DEMO-SL = DEMOLISH SPORTS LIGHT POLE AND FIXTURES.
 - REFER TO SHEET E002 REGARDING LINEWEIGHT AND DEMO REQUIREMENTS.

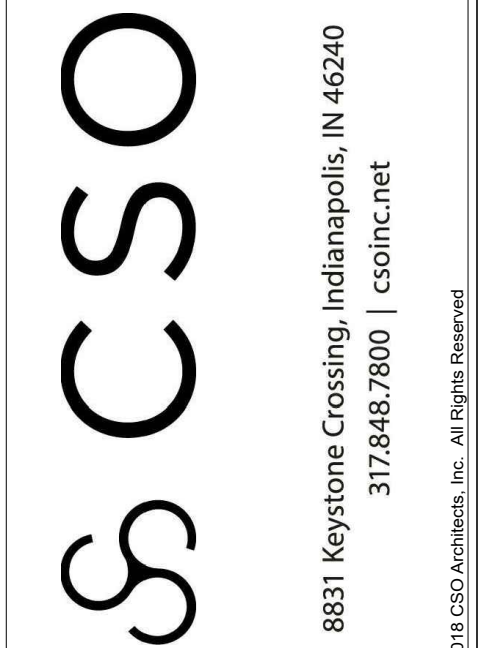
SHEET KEYNOTES:

- EXISTING POWER CENTER BUILDING TO REMAIN.
- EXISTING UTILITY TRANSFORMER TO REMAIN.
- EXISTING UNDERGROUND TELEPHONE SERVICE TO REMAIN.
- EXISTING UNDERGROUND OWNER FIBER TO REMAIN.
- EXISTING GENERATOR TO REMAIN.
- COORDINATE WITH DUKE ENERGY, AT&T, AND ALL OTHER UTILITIES FOR RELOCATION OF UTILITY POLE AND OVERHEAD POWER AND TELECOMMUNICATION LINES. REFER TO NEW WORK PLAN.


1 ELECTRICAL SITE DEMOLITION PLAN
SCALE: 1"=50'-0"



SILVER CREEK SCHOOL CORPORATION



8831 Keystone Crossing, Indianapolis, IN 46240
317.246.7900 | CSOinc.net
© 2018 CSO Architects, Inc. All Rights Reserved.



SHROUT TATE ELECTRICAL ENGINEERS
WILSON
Lexington - Louisville - Charleston
www.steeeng.com

PROJECT:

**SILVER CREEK SCHOOL CORPORATION
SILVER CREEK HIGH SCHOOL
ATHLETICS PACKAGE**

557 Reitz Ave, Sellersburg, IN 47172

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of existing, proposed and new structures, and the location of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for full performance and completion of the project. On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #1	5/9/2022
---	-------------	----------

ISSUE DATE	DRAWN BY	CHECKED BY
04-15-2022	WAB	RBD

DRAWING TITLE:

**ELECTRICAL
SITE
DEMOLITION
PLAN**

CERTIFIED BY:

04/15/22

DRAWING NUMBER

UD101

PROJECT NUMBER

2021026



GENERAL NOTES:

A. REFER TO SHEET E002 FOR GENERAL NOTES.

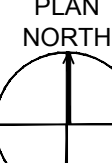
SHEET KEYNOTES:


- APPROXIMATE LOCATION OF NEW TICKET BOOTH. REFER TO ATHLETIC BUILDING FLOOR PLANS FOR ADDITIONAL REQUIREMENTS. ALL WORK IN THIS BUILDING SHALL BE BID AS PART OF TICKET BOOTH ALTERNATE.
- PROVIDE ONE (1) 2" CONCRETE ENCASED SCHEDULE 40 PVC CONDUIT WITH INNERDUCT FOR UNDERGROUND FIBER OPTIC CABLING. PROVIDE FULL BOXES AS REQUIRED. COORDINATE QUANTITY AND TYPE OF CABLING WITH OWNER. REFER TO ATHLETIC BUILDING FLOOR PLANS FOR ADDITIONAL REQUIREMENTS.
- EXISTING UTILITY SERVICE TRANSFORMER TO REMAIN.
- EXISTING ELECTRICAL SERVICE TO REMAIN.
- PROVIDE NEW FEEDER FOR FOOTBALL FIELD AND SITE POWER CONNECTIONS. REFER TO ONE-LINE DIAGRAM FOR CONDUIT AND CONDUCTOR REQUIREMENTS.
- LOCATION OF ELECTRICAL LINEUP FOR FOOTBALL FIELD. REFER TO ONE-LINE DIAGRAM AND ELEVATION.
- CIRCUIT SHALL BE CONTROLLED BY AN EXTERIOR LIGHTING CONTROL AND MONITORING CABINET. REFER TO SPORTS LIGHTING VENDOR SPECIFICATIONS AND DRAWINGS.
- PROVIDE THREE (3) #10 CONDUCTORS AND ONE (1) #10 GROUND IN 3/4" CONDUIT TO NEW 30A/3P BREAKER IN PANEL INDICATED. REFER FOOTBALL ELECTRICAL DISTRIBUTION ONE-LINE DIAGRAM.
- PROVIDE CONNECTIONS TO NEW 20A/1P BREAKER IN EXISTING PANEL AS INDICATED.
- MINIMUM BURY OF 36" TO TOP OF CONDUIT. PROVIDE CONCRETE ENCASEMENT PER DETAIL.
- SPORTS LIGHTING SHOWN FOR REFERENCE. REFER TO SPORTS LIGHTING VENDOR DRAWINGS FOR FINAL LOCATIONS AND EXACT REQUIREMENTS.
- PROVIDE POWER CONNECTIONS TO SPORTS LIGHTING CONTROL AND MONITORING CABINET(S) AS INDICATED. PROVIDE DEVICES AND CABLING AS REQUIRED BY SPORTS LIGHTING CONTRACTOR. COORDINATE EXACT REQUIREMENTS FOR DEVICES AND MOUNTING LOCATION/HEIGHT WITH SPORTS LIGHTING CONTRACTOR PRIOR TO INSTALLATION.
- PROVIDE UNDERGROUND FEEDER FOR NEW CONCESSION STAND. REFER TO CONCESSION BUILDING FLOOR PLANS AND ONE-LINE RISER DIAGRAM FOR ADDITIONAL REQUIREMENTS. THE CONDUIT PATHWAY IS TO BE INCLUDED IN THE BASE BID. FEEDER IS TO BE INCLUDED IN THE CONCESSION BUILDING ALTERNATE.
- NEW CONCESSIONS STAND BUILDING. REFER TO ARCHITECTURAL PLANS AND CONCESSION BUILDING FLOOR PLANS FOR ADDITIONAL REQUIREMENTS. ALL WORK IN THIS BUILDING SHALL BE BID AS PART OF THE CONCESSION BUILDING ALTERNATE.
- PROVIDE THREE (3) #4 CONDUCTORS AND ONE (1) #4 GROUND IN 1" CONDUIT TO NEW 30A/3P BREAKER IN PANEL.
- PROVIDE THREE (3) #6 CONDUCTORS AND ONE (1) #6 GROUND IN 3/4" CONDUIT TO NEW 30A/3P BREAKER IN PANEL.
- PROVIDE THREE (3) #8 CONDUCTORS AND ONE (1) #8 GROUND IN 3/4" CONDUIT TO NEW 30A/3P BREAKER IN PANEL.
- ROUTE ALL CONDUITS AROUND FIELD AND DO NOT INSTALL UNDER TURF UNLESS SPECIFICALLY NOTED.
- EXISTING POWER CENTER BUILDING. DISTRIBUTION SWITCHBOARD 'MB' AND PANEL 'SL' ARE LOCATED WITHIN. PROVIDE TWO NEW 400A/3P/480V BREAKERS IN SWITCHBOARD 'MB' FOR NEW FEEDERS TO FOOTBALL FIELD AND BASEBALL/SOFTBALL FIELD AS SHOWN.
- LOCATION OF BASEBALL/SOFTBALL FIELD ELECTRICAL DISTRIBUTION LINEUP. REFER TO ONE-LINE DIAGRAM AND ELEVATION.
- PROVIDE PANEL 'FSB' FOR SCOREBOARD. PANEL TO BE 120/208/3PH/4W WITH 100A MAIN CIRCUIT BREAKER AND (20) 20A/1P BREAKER IN ADDITION TO BREAKERS REQUIRED BY SCOREBOARD MANUFACTURER.
- FEEDER FOR SCOREBOARD BRANCH CIRCUIT. REFER TO ONE-LINE DIAGRAM FOR CONDUIT AND CONDUCTOR CHARACTERISTICS.
- PROVIDE ONE 2" SCHEDULE 40 PVC, 30" UNDERGROUND WITH MINIMAL BENDS. PROVIDE INNERDUCT AND FIBER OPTIC CABLE WITH SCOREBOARD MANUFACTURER RECOMMENDED FIBER OPTIC CABLE TO SCOREBOARD. TERMINATE AT SCOREBOARD AND IN FOOTBALL PRESS BOX.
- PROVIDE 2#12, 1#12, 3/4" CONDUIT FROM PANEL FSB TO PLAY CLOCK LOCATION. PROVIDE AN ADDITIONAL 1" SPARE CONDUIT WITH SCOREBOARD MANUFACTURER RECOMMENDED CONTROL CABLING TO PLAY CLOCK.
- SCOREBOARD PLAY CLOCK LOCATION.
- PROVIDE IN-GRADE ELECTRICAL BOX WITH TURF INSET COVER AS MANUFACTURED BY GILL ATHLETICS. MODEL VERSACOM F800 HANDHOLD. PROVIDE ONE GFCI QUAD RECEPTACLE IN BOX.
- PROVIDE A MOTOR RATED SWITCH IN A WEATHERPROOF ENCLOSURE TO SERVE AS DISCONNECTING MEANS FOR RELOCATED SCOREBOARD.
- PROVIDE 2#10, 1#10, 1" C TO CONNECT NEW SITE LIGHTS TO EXISTING SITE LIGHTING POWER CIRCUIT.
- PROVIDE GFCI RECEPTACLE IN A WEATHERPROOF WHILE-IN-USE COVER FOR DUGOUT.
- PROVIDE POWER CONNECTION TO FIELD IRRIGATION CONTROLS. COORDINATE EXACT LOCATION WITH CIVIL PLANS. DEDUCT THIS CIRCUIT FOR THE BASEBALL AND SOFTBALL TURF ALTERNATE.
- PROVIDE SPARE 1" SCHEDULE 40 PVC CONDUIT UNDERGROUND BETWEEN SCOREBOARD AND PRESS BOX FOR SCOREBOARD SIGNAL CABLING. TRANSITION TO RGS CONDUIT ABOVE GROUND.
- UNDER BASE BID. PROVIDE INGRADE QUAZITE PC 13"x24" BOX WITH TIER 5 COVER FOR FIBER OPTIC CABLE ROUTING. FOR CONCESSIONS BUILDING. ALTERNATE: DEDUCT INGRADE BOX AND ROUTE CONDUIT DIRECTLY TO CONCESSION BUILDING ROOM MECH 008 AND FROM THIS ROOM TO BASEBALL PRESS BOX.
- PROVIDE 4" CONDUIT SLEEVE UNDER ROAD FOR FUTURE USE. CAP ON BOTH ENDS.
- PROVIDE ONE (1) 20A/1P BREAKER IN PRESS BOX PANEL (SPB = SOFTBALL PANEL, BPB = BASEBALL PANEL) FOR THIS CIRCUIT.
- PROVIDE 2#10, 1#10, 1" CONDUIT TO THIS NEW LIGHT POLE FROM EXISTING POLE THAT WAS DEMOLISHED IN THIS LOCATION. REFER TO DEMOLITION PLAN.
- PROVIDE THREE (3) SCHEDULE 40 PVC 30" UNDERGROUND. MINIMUM FOR AT&T AND SPECTRUM. ROUTE AROUND PRACTICE FIELD ON NORTH SIDE OF ENTRY DRIVE. TURN UP POLE ON EACH END AS REQUIRED BY UTILITY COMPANY REQUIREMENTS.
- BORE UNDER ROAD FOR UTILITY CONDUITS.

1 ELECTRICAL SITE PLAN

SCALE: 1"=50'-0"

0 50' 100'





SILVER CREEK SCHOOL CORPORATION
8831 Keystone Crossing, Indianapolis, IN 46240
317.843.7800 | cs@csnet.net
© 2015 CSO Architects, Inc. All Rights Reserved.

SHROUT TATE MECHANICAL AND ELECTRICAL ENGINEERS WILSON
Lexington - Louisville - Charleston
www.stweeng.com

SILVER CREEK SCHOOL CORPORATION
SILVER CREEK HIGH SCHOOL
ATHLETICS PACKAGE
557 Renz Ave., Sellersburg, IN 47172

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. The contractor shall verify all items required for the proper execution and completion of the project.

REVISIONS:
1 ADDENDUM #1 5/9/2022

ISSUE DATE 04-15-2022 DRAWN BY WAB CHECKED BY RDB

DRAWING TITLE:
ELECTRICAL SITE PLAN

CERTIFIED BY:
04/15/22

DRAWING NUMBER
U101

PROJECT NUMBER
2021026