

**ADDENDUM NO. 06**

**Date: 08.16.2024**

**Project:**

**Westfield Washington School Corporation  
Westfield Middle School West  
Bid Package 02, BI:02 Building Concrete Work and BI:03 Steel and Railing Work  
17707 Centennial Road,  
Westfield, IN. 46074**

**Owner:**

**C/O Westfield Washington School Corporation  
19500 Tomlinson Road  
Westfield, IN 46074**



BUILDING A **BETTER** FUTURE

**Construction Manager:**

Hagerman, Inc  
10315 Allisonville Road  
Fishers, IN 46038

TO: All Interested Bidders of Record

This Addendum #06, Dated 08.16.2024, forms part of the contract documents and modifies the original Bidding Documents Dated 07.26.2024. Please acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to acknowledge this Addendum may subject the Bidder to disqualification.

The Hagerman, Inc portion of this Addendum consists of the following information:

**I. GENERAL INFORMATION**

1. Please be informed that Addenda 1 through 4 were issued as part of the Bid Package 01, Bid Item 01 Site Excavation and Utility Work.
2. Also, Addendum #05 Dated 08.09.2024 has been issued.
3. This is for Addendum #06 Dated 08.16.2024.
4. Note: The Prebid Meeting for this project is Tuesday, 08.20.2024 at 1:00 pm.

## II. CHANGES TO THE PROJECT CONTRACT MANUAL

1. The Prebid Meeting for this project is Tuesday, 08.20.2024 at 1pm at 19500 Tomlinson Road, Westfield, IN. 46074 per the Bid Advertisement Section 00 11 13, and “not” Thursday, 08.22.2024 at 1:00 pm per the Instruction to Bidders Section 00 21 13.
2. Replace the Instruction to Bidders Section 00 21 13 with the attached document to correct this.
3. All contractors shall review the attached CSO, Context, and LHB, Addendum #06 Dated 08.16.2024 and incorporate the changes made to the drawings and specifications into the respective bid item scope of bid.
4. All Bidders shall review the updated Section 00 01 15 List of Drawings.
5. All Bidders shall review the updated Section 00 01 16 List of Specifications.
6. All Bidders shall review the updated Master Project Bid Schedule Dated 08.16.2024 per Section 00 31 13.02
7. This Addendum includes added, updated, and revised: “L”, Landscape drawings, “S”, Structural drawings and “A”, Architectural drawings: L102, L103, L106, L107, L202, L206, L303, L304, L305, L306, L500, L502, L511, L513, S201D, S201E, S201F, S201G, S201H, S202A, S202B, S202C, S202D, S202E, S202EFG, S202G, S202H, S203B, S203D, S204BCD, S701, S702, S703, S712, S713, S721, A120, A121, A455.
8. Bid Item #02 Building Concrete Contractor will review this Addendum #06 and be responsible to furnish and install the work per the Scope of Bid Section 00 24 00.
9. Bid Item #03 Steel and Railing Contractor will review this Addendum #06 and be responsible to furnish and install the work per the Scope of Bid Section 00 24 00.
10. Bid Item #02 Building Concrete Contractor shall furnish and install the Stair Nosings per Spec Section 05 55 16 to the Stair per the Detail 1/A455.
11. Bid Item #03 Steel and Railing Contractor shall amend the Pipe Bollards to the Guardrail detail at the loading dock per Legend R04 on L102 and per the detail 10/L500. So delete the ten (10) bollards along the ramp and furnish and install the galvanized guardrail at this location. Bid Item #02 Building Concrete to amend your scope for the number of bollards to install.
12. Bid Item #02 Building Concrete Contractor shall furnish and install the concrete foundations per the detail 2 on S201H.
13. Bid Item #03 Steel and Railing Contractor shall furnish and install the added roof ladders per the Drawing A120 and the Details 10 and 11 on A131.

14. Bid Item #02 Building Concrete Contractor shall furnish and install your own concrete wash out dumpsters for your work and misc trash and debris dumpsters for your work.
15. Bid Item #02 Building Concrete Contractor shall furnish and install the steel sleeves under the foundation system. The Mechanical Contractor to furnish them and provide invert elevations for installation.
16. Bid Item #03 Steel and Railing Contractor shall furnish and install four (4) landing corrals on the second floor for material handling. Locations to be provided at a later date from the Construction Manager.
17. Bid Item #02 Building Concrete Contractor shall furnish and install temporary handrails per OSHO and IOSHA to the steel stairs, these should be the clamp on type
18. Also as a part of the Addendum #06 we are sharing the Updated Drawings Dated 08.09.2024. This applies to all disciplines except Structural and Civil Drawings. The Structural set remains dated as 07.26.2024 plus any addendum revisions and the Civil Drawings remain dated as 05.20.2024, plus any addendum revisions.

### III. DESIGN INFORMATION

1. CSO, Context, and LHB Addendum #06 Dated 08.16.2024.

END OF SECTION

# ADDENDUM

ADDENDUM NO: 06

PROJECT: Westfield Middle School – West

PROJECT NO: 2023061

DATE: August 16, 2024

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: **1-7**

Attached Documents: **05 55 16**

Attached Drawing Sheets: **L102, L103, L106, L107, L202, L206, L303, L304, L305, L306, L500, L502, L511, L513, S201D, S201E, S201F, S201G, S201H, S202A, S202B, S202C, S202D, S202E, S202EFG, S202G, S202H, S203B, S203D, S204BCD, S701, S702, S703, S712, S713, S721, A120, A121, A455**

## **PART 0 - GENERAL INFORMATION**

0.1 NOT USED

## **PART 1 - BIDDING REQUIREMENTS**

1.1 NOT USED

## **PART 2 - SPECIFICATIONS**

2.1 05 52 13 – PIPE AND TUBE RAILINGS

A. Add item 2.3.A.7 as follows:

**7. Or equal product by other manufacturers**

2.2 05 55 16 – STAIR NOSINGS

A. Insert new specification complete.

## **PART 3 - DRAWINGS**

### **LANDSCAPE**

3.1 L102 – MATERIALS & NOTES

A. REMOVE (9) steel pipe bollards in loading dock area

- B. ADD guardrail in loading dock area
- C. ADD guardrail to legend.
- D. CLARIFY G04 label at Athletic Storage Building
- E. ADD G02 callout to gate north of Athletic Storage Building
- F. ADD bleacher and press box labels
- G. MODIFY G04 call out from a 10'-0" gate to a 12'-0" gate

3.2 L103 – MATERIALS & NOTES

- A. MODIFY G04 call out from a 10'-0" gate to a 12'-0" gate

3.3 L106 – MATERIALS & NOTES

- A. CLARIFY main entry stairs.
- B. MODIFY G04 call out from a 10'-0" gate to a 12'-0" gate

3.4 L107 – MATERIALS & NOTES

- A. MODIFY G04 call out from a 10'-0" gate to a 12'-0" gate

3.5 L202 – LAYOUT PLAN

- A. CLARIFY jointing and layout within loading dock area
- B. REMOVE (9) steel pipe bollards in loading dock area
- C. ADD guardrail in loading dock area

3.6 L206 – LAYOUT PLAN

- A. MODIFY jointing around stairs
- B. CLARIFY flag pole location
- C. CLARIFY dimensions at entrance stairs

3.7 L303 – ENLARGED ATHLETIC PLANS

- A. CLARIFY bleacher and press box callouts

3.8 L304 – ENLARGED ATHLETIC PLANS

- A. CLARIFY stairs and walls at tennis courts

3.9 L305 – ENLARGED ATHLETIC PLANS

- A. CLARIFY stairs and walls at tennis courts

3.10 L306 – ENLARGED ATHLETIC PLANS

- A. REMOVE track concrete base and standard concrete from legend
- B. CLARIFY P1.1 track asphalt detail references
- C. ADD synthetic sports turf and nailer board callouts
- D. ADD bleacher and press box labels
- E. REMOVE F1.1 from legend. Refer to G1.3.

3.11 L500 – SITE DETAILS

- A. ADD guardrail detail.

3.12 L502 – SITE DETAILS

- A. CLARIFY stair and wall configurations in Details 1 & 4

3.13 L511 – SITE DETAILS

- A. MODIFY backstop dimensions

3.14 L513 – SITE DETAILS

- A. REMOVE track concrete base detail
- B. ADD perimeter nailer curb and synthetic turf detail.

**STRUCTURAL**

3.15 S201D – FOUNDATION PLAN – UNIT D

- A. Add slab on grade thickness delineation lines and notes as shown on plan. Revise slab on grade thickness where noted.

3.16 S201E – FOUNDATION PLAN – UNIT E

- A. Add slab on grade thickness delineation lines and notes as shown on plan.
- B. Revise column grid dimensions as shown.
- C. Add/extend foundations for seat walls south of the main entry as shown on plan.

3.17 S201F – FOUNDATION PLAN – UNIT F

- A. Add slab on grade thickness delineation lines and notes as shown on plan. Revise slab on grade thickness where noted.

3.18 S201G – FOUNDATION PLAN – UNIT G

- A. Add slab on grade thickness delineation line and notes as shown on plan.

3.19 S201H – FOUNDATION PLANS – UNIT H & ENTRY GATES

- A. Revise sheet name to “FOUNDATION PLANS – UNIT H & ENTRY GATES”.
- B. Add entry gates foundation plan 2/S201H.
- C. Revise column grid dimension as shown.
- D. Add slab on grade thickness delineation line and notes as shown on plan.
- E. Revise foundation wall/wall footing layout as shown on plan.

3.20 S202A – SECOND FLOOR FRAMING PLAN – UNIT A

- A. Add section callouts as shown.

3.21 S202B – SECOND FLOOR FRAMING PLAN – UNIT B

- A. Add/revise slab edge dimensions as shown on plan.
- B. Add section callouts as shown.
- C. Revise section cut sheet reference from S601 to S701 at locations shown on plan.

3.22 S202C – SECOND FLOOR FRAMING PLAN – UNIT C

- A. Add section callout as shown.

3.23 S202D – SECOND FLOOR & LOW ROOF FRAMING PLAN – UNIT D

- A. Add section callouts as shown.
- B. Add/revise slab edge dimensions & layout as shown on plan.
- C. Add kickers as shown on plan (reference 13/S703).

3.24 S202E – LOW ROOF FRAMING PLAN – UNIT E

- A. Add top of steel elevations as shown.
- B. Revise column grid dimensions as shown.
- C. Add section callout as shown.
- D. Revise framing sizes and layout as shown in the area bounded by grids E5-E20 and HA.9-HD.

3.25 S202EFG – CANOPY FRAMING PLANS

- A. 1/S202EFG: Revise beam sizing as shown.
- B. 1/S202EFG: Add deck edge & framing layout dimensions as shown.
- C. 1/S202EFG: Add section callout as shown.
- D. 2/S202EFG: Add section callouts, revise column grid dimensions, and revise framing sizes and layout as shown.
- E. 3/S202EFG: Add section callouts, deck edge dimensions, and revise beam sizes as shown.

3.26 S202G – SECOND FLOOR & LOW ROOF FRAMING PLAN – UNIT G

- A. Add slab edge & deck edge dimensions as shown on plan.
- B. Add section callouts as shown.

3.27 S202H – SECOND FLOOR & LOW ROOF FRAMING PLAN – UNIT H

- A. Add slab edge & deck edge dimensions as shown on plan.
- B. Add section callouts as shown.

3.28 S203B – ROOF FRAMING PLAN – UNIT B

- A. Revise slab edge & deck edge dimensions as shown on plan.
- B. Add section callouts as shown.
- C. Add framing dimension to beam south of elevator shaft as shown.

3.29 S203D – ROOF FRAMING PLAN – UNIT D

- A. Revise slab edge dimension as shown on plan.
- B. Add section callout as shown.
- C. Add framing dimension to beam south of elevator shaft as shown.



3.30 S204BCD – UPPER ROOF FRAMING PLAN – UNITS B, C & D

- A. Add section callouts as shown on plan.
- B. Add deck edge dimensions as shown.
- C. Add kickers as shown on plan (reference 15/S721).

3.31 S701 – FRAMING SECTIONS AND DETAILS

- A. Add sections 27 through 29/S701.

3.32 S702 – FRAMING SECTIONS AND DETAILS

- A. Revise section 1/S702 as shown.

3.33 S703 – FRAMING SECTIONS AND DETAILS

- A. Revise sections 1 through 4/S703 as shown.
- B. Add sections 6 through 13/S703.

3.34 S712 – FRAMING SECTIONS AND DETAILS

- A. Revise sections 1 through 3/S712 as shown.
- B. Add section 4/S712.

3.35 S713 – FRAMING SECTIONS AND DETAILS

- A. Add sections 7 through 9/S713.

3.36 S721 – FRAMING SECTIONS AND DETAILS

- A. Add sections 12 through 15/S721.

**ARCHITECTURE**

3.37 A120 – COMPOSITE ROOF PLAN

- A. Add roof ladders with roof walk pads.
- B. Add section 10/A121.
- C. Add section 11/A121.

3.38 A121 – ENLARGED ROOF PLANS

- A. Add detail 10/A121.

B. Add detail 11/A121.

3.39 A455 – VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS

A. Detail 1/A455 - STAIR ST105 SECTION B- SOUTH

1. Add note: PROVIDE 3 ABRASIVE INSERTS ON EACH RISER ½" APART W/ FIRST INSET LOCATED 1" FROM NOSING, TYP. SEE SPEC 05 55 16.

B. Detail 2/A455 – STAIR ST105 ENLARGED GROUND FLOOR PLAN

1. Add keynote.

C. Detail 3/A455 – STAIR ST105 ENLARGED SECOND FLOOR PLAN

1. Add keynotes.

D. Detail 4/A455 – ENLARGED RAILING DETAIL

1. Add keynotes.

**PART 4 - QUESTIONS AND ANSWERS**

4.1 NOT USED

**END ADDENDUM #06**

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

<b>DRAWINGS</b>			
<b>No.</b>	<b>Drawing Title</b>	<b>Drawing Date</b>	<b>Revisions</b>
10F12	TOPOGRAPHIC SURVEY 1 OF 12	8/18/2023	Issued with Addendum 1
20F12	TOPOGRAPHIC SURVEY 2 OF 12	8/18/2023	Issued with Addendum 1
30F12	TOPOGRAPHIC SURVEY 3 OF 12	8/18/2023	Issued with Addendum 1
40F12	TOPOGRAPHIC SURVEY 4 OF 12	8/18/2023	Issued with Addendum 1
50F12	TOPOGRAPHIC SURVEY 5 OF 12	8/18/2023	Issued with Addendum 1
60F12	TOPOGRAPHIC SURVEY 6 OF 12	8/18/2023	Issued with Addendum 1
70F12	TOPOGRAPHIC SURVEY 7 OF 12	8/18/2023	Issued with Addendum 1
80F12	TOPOGRAPHIC SURVEY 8 OF 12	8/18/2023	Issued with Addendum 1
90F12	TOPOGRAPHIC SURVEY 9 OF 12	8/18/2023	Issued with Addendum 1
100F12	TOPOGRAPHIC SURVEY 10 OF 12	8/18/2023	Issued with Addendum 1
110F12	TOPOGRAPHIC SURVEY 11 OF 12	8/18/2023	Issued with Addendum 1
120F12	TOPOGRAPHIC SURVEY 12 OF 12	8/18/2023	Issued with Addendum 1
C100	COVER SHEET	6/24/2024	Addendum 03
C101	EXISTING CONDITIONS & DEMOLITION PLAN	6/17/2024	Addendum 02
C102	EXISTING CONDITIONS & DEMOLITION PLAN	6/17/2024	Addendum 02
C250	Index and Typ	6/24/2024	Addendum 03
C251	PLAN "PR-A" STA. 00+00 TO STA. 5+80	6/24/2024	Addendum 03
C252	PROFILE "PR-A" STA. 00+00 TO STA. 05+80	6/17/2024	Addendum 02
C253	PROFILE "PR-A" STA. 05+50 TO STA. 11+00	6/24/2024	Addendum 03
C254	PROFILE "PR-A" STA. 05+50 TO STA. 11+00	6/17/2024	Addendum 02
C255	PROFILE "PR-A" STA. 11+00 TO STA. 15+39	6/24/2024	Addendum 03
C256	PROFILE "PR-A" STA. 11+00 TO STA. 15+39	6/17/2024	Addendum 02
C257	PROFILE "PR-B" STA. 00+00 TO STA. 05+50	6/26/2024	Addendum 04

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

C258	PROFILE "PR-B" STA. 00+00 TO STA. 5+50	6/17/2024	Addendum 02
C259	PROFILE "PR-B" STA. 05+00 TO STA. 07+91	6/17/2024	Addendum 02
C260	PROFILE "PR-B" STA. 5+50 TO STA. 7+91	6/17/2024	Addendum 02
C261	PROFILE "PR-C" STA. 00+00 TO STA. 06+00	6/24/2024	Addendum 03
C262	PROFILE "PR-C" STA. 00+00 TO STA. 06+00	6/17/2024	Addendum 02
C263	PROFILE "PR-C" STA. 06+00 TO STA. 12+00	6/24/2024	Addendum 03
C264	PROFILE "PR-C" STA. 06+00 TO STA. 12+00	6/17/2024	Addendum 02
C265	PROFILE "PR-C" STA. 12+00 TO STA. 17+00	6/24/2024	Addendum 03
C266	PROFILE "PR-C" STA. 12+00 TO STA. 18+00	6/17/2024	Addendum 02
C267	PROFILE "PR-C" STA. 17+00 TO STA. 23+00	6/17/2024	Addendum 02
C268	PROFILE "PR-C" STA. 18+00 TO STA. 24+00	6/17/2024	Addendum 02
C269	PROFILE "PR-C" STA. 23+00 TO STA. 29+79	6/17/2024	Addendum 02
C270	PROFILE "PR-C" STA. 24+00 TO STA. 29+52	6/17/2024	Addendum 02
C300	OVERALL GRADING PLAN	6/17/2024	Addendum 02
C301	GRADING PLAN	6/24/2024	Addendum 03
C302	GRADING PLAN	6/26/2024	Addendum 04
C303	GRADING PLAN	6/24/2024	Addendum 03
C304	GRADING PLAN	6/17/2024	Addendum 02
C305	GRADING PLAN	6/24/2024	Addendum 03
C306	GRADING PLAN	6/17/2024	Addendum 02
C307	GRADING PLAN	6/24/2024	Addendum 03
C401	SWPPP PLAN (INITIAL)	6/17/2024	Addendum 02
C402	SWPPP PLAN (INITIAL)	6/17/2024	Addendum 02
C403	SWPPP PLAN (CONST.)	6/17/2024	Addendum 02
C404	SWPPP PLAN (CONST.)	6/17/2024	Addendum 02
C405	SWPPP PLAN (FINAL)	6/26/2024	Addendum 04
C406	SWPPP PLAN (FINAL)	6/17/2024	Addendum 02
C407	SWPPP PLAN (DETAILS)	6/17/2024	Addendum 02
C408	SWPPP PLAN (DETAILS)	6/17/2024	Addendum 02
C409	SWPPP PLAN (INFORMATION)	6/24/2024	Addendum 03
C410	SWPPP PLAN (INFORMATION)	6/17/2024	Addendum 02
C500	STRUCTURE DATA TABLE	6/26/2024	Addendum 04
C501	UTILITY PLAN	6/26/2024	Addendum 04

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

C502	UTILITY PLAN	6/26/2024	Addendum 04
C503	UTILITY PLAN	6/26/2024	Addendum 04
C504	UTILITY PLAN	6/26/2024	Addendum 04
C505	UTILITY PLAN	6/17/2024	Addendum 02
C601	SANITARY PLAN & PROFILE	6/24/2024	Addendum 03
C700	OVERALL UTILITY PLAN	6/24/2024	Addendum 03
C701	STORM PLAN & PROFILE	6/26/2024	Addendum 04
C702	STORM PLAN & PROFILE	6/17/2024	Addendum 02
C703	STORM PLAN & PROFILE	6/17/2024	Addendum 02
C704	STORM PLAN & PROFILE	6/26/2024	Addendum 04
C705	STORM PLAN & PROFILE	6/26/2024	Addendum 04
C706	STORM PLAN & PROFILE	6/26/2024	Addendum 04
C707	STORM PLAN & PROFILE	6/26/2024	Addendum 04
C708	STORM PLAN & PROFILE	6/26/2024	Addendum 04
C709	STORM PLAN & PROFILE	6/24/2024	Addendum 03
C710	STORM PLAN & PROFILE	6/17/2024	Addendum 02
C711	STORM PLAN & PROFILE	6/17/2024	Addendum 02
C712	STORM PLAN & PROFILE	6/17/2024	Addendum 02
C713	STORM PLAN AND PROFILE	6/24/2024	Addendum 03
C901	SITE DETAILS	6/26/2024	Addendum 04
C902	SITE DETAILS	6/17/2024	Addendum 02
C903	SITE DETAILS	6/24/2024	Addendum 03
C904	SITE DETAILS	6/17/2024	Addendum 02
C905	SITE DETAILS	6/17/2024	Addendum 02
C906	SITE DETAILS	6/17/2024	Addendum 02
C907	SITE DETAILS	6/26/2024	Addendum 04
L010	TREE PRESERVATION PLAN	7/26/2024	
L100	REFERENCE PLAN	7/26/2024	
L101	MATERIALS & NOTES	8/09/2024	Addendum 05
L102	MATERIALS & NOTES	8/16/2024	Addendum 06
L103	MATERIALS & NOTES	8/16/2024	Addendum 06
L104	MATERIALS & NOTES	7/26/2024	
L105	MATERIALS & NOTES	7/26/2024	

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

L106	MATERIALS & NOTES	8/16/2024	Addendum 06
L107	MATERIALS & NOTES	8/16/2024	Addendum 06
L108	MATERIALS & NOTES	7/26/2024	
L201	LAYOUT PLAN	7/26/2024	
L202	LAYOUT PLAN	8/16/2024	Addendum 06
L203	LAYOUT PLAN	7/26/2024	
L204	LAYOUT PLAN	7/26/2024	
L205	LAYOUT PLAN	7/26/2024	
L206	LAYOUT PLAN	8/16/2024	Addendum 06
L207	LAYOUT PLAN	8/09/2024	Addendum 05
L208	LAYOUT PLAN	7/26/2024	
L301	ENLARGED ATHLETIC PLANS	8/09/2024	Addendum 05
L302	ENLARGED ATHLETIC PLANS	8/09/2024	Addendum 05
L303	ENLARGED ATHLETIC PLANS	8/16/2024	Addendum 06
L304	ENLARGED ATHLETIC PLANS	8/16/2024	Addendum 06
L305	ENLARGED ATHLETIC PLANS	8/16/2024	Addendum 06
L306	ENLARGED ATHLETIC PLANS	8/16/2024	Addendum 06
L401	PLANTING PLAN	7/26/2024	
L402	PLANTING PLAN	7/26/2024	
L403	PLANTING PLAN	7/26/2024	
L404	PLANTING PLAN	7/26/2024	
L405	PLANTING PLAN	7/26/2024	
L406	PLANTING PLAN	7/26/2024	
L407	PLANTING PLAN	7/26/2024	
L408	PLANTING PLAN	7/26/2024	
L500	SITE DETAILS	8/16/2024	Addendum 06
L501	SITE DETAILS	8/09/2024	Addendum 05
L502	SITE DETAILS	8/16/2024	Addendum 06
L510	ATHLETIC DETAILS	7/26/2024	
L511	ATHLETIC DETAILS	8/16/2024	Addendum 06
L512	ATHLETIC DETAILS	7/26/2024	
L513	ATHLETIC DETAILS	8/16/2024	Addendum 06
L600	PLANTING SCHEDULE AND DETAILS	7/26/2024	

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

S001	GENERAL STRUCTURAL NOTES	7/26/2024	
S002	GENERAL STRUCTURAL NOTES & SCHEDULES	7/26/2024	
S201A	FOUNDATION PLAN - UNIT A	7/26/2024	
S201B	FOUNDATION PLAN - UNIT B	7/26/2024	
S201C	FOUNDATION PLAN - UNIT C	7/26/2024	
S201D	FOUNDATION PLAN - UNIT D	8/16/2024	Addendum 06
S201E	FOUNDATION PLAN - UNIT E	8/16/2024	Addendum 06
S201F	FOUNDATION PLAN - UNIT F	8/16/2024	Addendum 06
S201G	FOUNDATION PLAN - UNIT G	8/16/2024	Addendum 06
S201G.1	CANOPY FOUNDATION PLAN - UNIT G	7/26/2024	
S201H	FOUNDATION PLANS - UNIT H & ENTRY GATES	8/16/2024	Addendum 06
S201SB	STORAGE BUILDING PLANS & DETAILS (ALTERNATE)	8/09/2024	Addendum 05
S202A	SECOND FLOOR FRAMING PLAN - UNIT A	8/16/2024	Addendum 06
S202B	SECOND FLOOR FRAMING PLAN - UNIT B	8/16/2024	Addendum 06
S202C	SECOND FLOOR FRAMING PLAN - UNIT C	8/16/2024	Addendum 06
S202D	SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT D	8/16/2024	Addendum 06
S202E	LOW ROOF FRAMING PLAN - UNIT E	8/16/2024	Addendum 06
S202EFG	CANOPY FRAMING PLANS	8/16/2024	Addendum 06
S202F	SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT F	8/09/2024	Addendum 05
S202G	SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT G	8/16/2024	Addendum 06
S202H	SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT H	8/16/2024	Addendum 06
S203A	ROOF FRAMING PLAN -UNIT A	8/09/2024	Addendum 05
S203B	ROOF FRAMING PLAN - UNIT B	8/16/2024	Addendum 06
S203C	ROOF FRAMING PLAN - UNIT C	7/26/2024	
S203D	ROOF FRAMING PLAN - UNIT D	8/16/2024	Addendum 06
S203E	ROOF FRAMING PLAN - UNIT E	8/09/2024	Addendum 05
S203F	ROOF FRAMING PLAN - UNIT F	8/09/2024	Addendum 05
S203H	ROOF FRAMING PLAN - UNIT H	8/09/2024	Addendum 05
S204BCD	UPPER ROOF FRAMING PLAN - UNITS B, C & D	8/16/2024	Addendum 06
S204G	UPPER ROOF FRAMING PLAN - UNIT G	8/09/2024	Addendum 05
S301	BRACING ELEVATIONS	7/26/2024	
S302	BRACING ELEVATIONS	7/26/2024	
S303	BRACING ELEVATIONS	7/26/2024	

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

S311	SPECIAL JOIST ELEVATIONS	7/26/2024	
S401	TYPICAL DETAILS	7/26/2024	
S402	TYPICAL DETAILS	7/26/2024	
S403	TYPICAL DETAILS	7/26/2024	
S404	TYPICAL DETAILS	7/26/2024	
S405	TYPICAL DETAILS	7/26/2024	
S406	TYPICAL DETAILS	7/26/2024	
S601	FOUNDATION SECTIONS AND DETAILS	7/26/2024	
S602	FOUNDATION SECTIONS AND DETAILS	7/26/2024	
S701	FRAMING SECTIONS AND DETAILS	8/16/2024	Addendum 06
S702	FRAMING SECTIONS AND DETAILS	8/16/2024	Addendum 06
S703	FRAMING SECTIONS AND DETAILS	8/16/2024	Addendum 06
S711	FRAMING SECTIONS AND DETAILS	8/09/2024	Addendum 05
S712	FRAMING SECTIONS AND DETAILS	8/16/2024	Addendum 06
S713	FRAMING SECTIONS AND DETAILS	8/16/2024	Addendum 06
S721	FRAMING SECTIONS AND DETAILS	8/16/2024	Addendum 06
2023061	COVER PAGE	7/26/2024	
A001	SHEET INDEX	8/09/2024	Issued with Addendum 06
A002	SHEET INDEX	8/09/2024	Issued with Addendum 06
A003	ACCESSIBILITY INFORMATION & DIAGRAMS	8/09/2024	Issued with Addendum 06
A101	OVERALL GROUND FLOOR PLAN	8/09/2024	Issued with Addendum 06
A102	OVERALL SECOND FLOOR PLAN	8/09/2024	Issued with Addendum 06
A103	GROUND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06
A104	ENLARGED GROUND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06
A105	ENLARGED GROUND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06
A106	ENLARGED GROUND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06
A107	ENLARGED GROUND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06



**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A110	SECOND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06
A111	ENLARGED SECOND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06
A112	ENLARGED SECOND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06
A113	ENLARGED SECOND FLOOR LIFE SAFETY PLAN	8/09/2024	Issued with Addendum 06
A120	COMPOSITE ROOF PLAN	8/16/2024	Addendum 06
A121	ENLARGED ROOF PLANS	8/16/2024	Addendum 06
A122	ROOF SCREEN PLAN	8/09/2024	Issued with Addendum 06
A123	TYPICAL ROOF DETAILS	8/09/2024	Issued with Addendum 06
A200	WALL TYPES/GENERAL NOTES	8/09/2024	Issued with Addendum 06
A201A	PARTIAL GROUND FLOOR PLAN - UNIT A	8/09/2024	Issued with Addendum 06
A201B	PARTIAL GROUND FLOOR PLAN - UNIT B	8/09/2024	Issued with Addendum 06
A201C	PARTIAL GROUND FLOOR PLAN - UNIT C	8/09/2024	Issued with Addendum 06
A201D	PARTIAL GROUND FLOOR PLAN - UNIT D	8/09/2024	Issued with Addendum 06
A201E	PARTIAL GROUND FLOOR PLAN - UNIT E	8/09/2024	Issued with Addendum 06
A201F	PARTIAL GROUND FLOOR PLAN - UNIT F	8/09/2024	Issued with Addendum 06
A201G	PARTIAL GROUND FLOOR PLAN - UNIT G	8/09/2024	Issued with Addendum 06
A201H	PARTIAL GROUND FLOOR PLAN - UNIT H	8/09/2024	Issued with Addendum 06
A202A	PARTIAL SECOND FLOOR PLAN - UNIT A	8/09/2024	Issued with Addendum 06
A202B	PARTIAL SECOND FLOOR PLAN - UNIT B	8/09/2024	Issued with Addendum 06
A202C	PARTIAL SECOND FLOOR PLAN - UNIT C	8/09/2024	Issued with Addendum 06
A202D	PARTIAL SECOND FLOOR PLAN - UNIT D	8/09/2024	Addendum 05

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A202E	PARTIAL SECOND FLOOR PLAN - UNIT E	8/09/2024	Issued with Addendum 06
A202F	PARTIAL SECOND FLOOR PLAN - UNIT F	8/09/2024	Issued with Addendum 06
A202G	PARTIAL SECOND FLOOR PLAN - UNIT G	8/09/2024	Issued with Addendum 06
A202H	PARTIAL SECOND FLOOR PLAN - UNIT H	8/09/2024	Issued with Addendum 06
A203B	MEZZAINE LEVEL - UNIT B	8/09/2024	Issued with Addendum 06
A203C	MEZZAINE LEVEL - UNIT C	8/09/2024	Issued with Addendum 06
A203D	MEZZAINE LEVEL - UNIT D	8/09/2024	Issued with Addendum 06
A211A	FIRST FLOOR REFLECTED CEILING PLAN - UNIT A	8/09/2024	Issued with Addendum 06
A211B	FIRST FLOOR REFLECTED CEILING PLAN - UNIT B	8/09/2024	Issued with Addendum 06
A211C	FIRST FLOOR REFLECTED CEILING PLAN - UNIT C	8/09/2024	Issued with Addendum 06
A211D	FIRST FLOOR REFLECTED CEILING PLAN - UNIT D	8/09/2024	Issued with Addendum 06
A211E	FIRST FLOOR REFLECTED CEILING PLAN - UNIT E	8/09/2024	Issued with Addendum 06
A211F	FIRST FLOOR REFLECTED CEILING PLAN - UNIT F	8/09/2024	Issued with Addendum 06
A211G	FIRST FLOOR REFLECTED CEILING PLAN - UNIT G	8/09/2024	Issued with Addendum 06
A211H	FIRST FLOOR REFLECTED CEILING PLAN - UNIT H	8/09/2024	Issued with Addendum 06
A212A	SECOND FLOOR REFLECTED CEILING PLAN - UNIT A	8/09/2024	Issued with Addendum 06
A212B	SECOND FLOOR REFLECTED CEILING PLAN - UNIT B	8/09/2024	Issued with Addendum 06
A212C	SECOND FLOOR REFLECTED CEILING PLAN - UNIT C	8/09/2024	Issued with Addendum 06
A212D	SECOND FLOOR REFLECTED CEILING PLAN - UNIT D	8/09/2024	Issued with Addendum 06
A212F	SECOND FLOOR REFLECTED CEILING PLAN - UNIT F	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A212G	SECOND FLOOR REFLECTED CEILING PLAN - UNIT G	8/09/2024	Issued with Addendum 06
A212H	SECOND FLOOR REFLECTED CEILING PLAN - UNIT H	8/09/2024	Issued with Addendum 06
A220	REFLECTED CEILING PLAN DETAILS	8/09/2024	Issued with Addendum 06
A231A	PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT A	8/09/2024	Issued with Addendum 06
A231B	PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT B	8/09/2024	Issued with Addendum 06
A231C	PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT C	8/09/2024	Issued with Addendum 06
A231D	PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT D	8/09/2024	Issued with Addendum 06
A231E	PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT E	8/09/2024	Issued with Addendum 06
A231F	PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT F	8/09/2024	Issued with Addendum 06
A231G	PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT G	8/09/2024	Issued with Addendum 06
A231H	PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT H	8/09/2024	Issued with Addendum 06
A232A	PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT A	8/09/2024	Issued with Addendum 06
A232B	PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT B	8/09/2024	Issued with Addendum 06
A232C	PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT C	8/09/2024	Issued with Addendum 06
A232D	PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT D	8/09/2024	Issued with Addendum 06
A232E	PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT E	8/09/2024	Issued with Addendum 06
A232F	PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT F	8/09/2024	Issued with Addendum 06
A232G	PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT G	8/09/2024	Issued with Addendum 06
A232H	PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT H	8/09/2024	Issued with Addendum 06
A300	OVERALL BUILDING ELEVATIONS	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A301	EXTERIOR BUILDING ELEVATIONS	8/09/2024	Issued with Addendum 06
A302	EXTERIOR BUILDING ELEVATIONS	8/09/2024	Issued with Addendum 06
A303	EXTERIOR BUILDING ELEVATIONS	8/09/2024	Issued with Addendum 06
A304	EXTERIOR BUILDING ELEVATIONS	8/09/2024	Issued with Addendum 06
A305	EXTERIOR BUILDING ELEVATIONS	8/09/2024	Issued with Addendum 06
A306	EXTERIOR BUILDING ELEVATIONS - TYP.	8/09/2024	Issued with Addendum 06
A307	EXTERIOR BUILDING ELEVATIONS	8/09/2024	Issued with Addendum 06
A308	EXTERIOR BUILDING ELEVATIONS	8/09/2024	Issued with Addendum 06
A310	OVERALL BUILDING SECTIONS	8/09/2024	Issued with Addendum 06
A311	OVERALL BUILDING SECTIONS	8/09/2024	Issued with Addendum 06
A320	OVERALL AXONOMETRIC VIEWS	8/09/2024	Issued with Addendum 06
A321	OVERALL AXONOMETRIC VIEWS	8/09/2024	Issued with Addendum 06
A330	STORAGE BUILDING PLANS AND ELEVATIONS	8/09/2024	Issued with Addendum 06
A332	DUGOUT PLANS AND ELEVATIONS	8/09/2024	Issued with Addendum 06
A333	ENTRY GATE PLANS	8/09/2024	Issued with Addendum 06
A334	NORTH ENTRY GATE PLANS	8/09/2024	Issued with Addendum 06
A401	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A402	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A403	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A404	WALL SECTIONS	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A405	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A406	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A407	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A408	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A409	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A410	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A411	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A412	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A413	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A414	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A415	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A416	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A417	WALL SECTIONS	8/09/2024	Issued with Addendum 06
A430	SECTION DETAILS	8/09/2024	Issued with Addendum 06
A431	SECTION DETAILS	8/09/2024	Issued with Addendum 06
A432	SECTION DETAILS	8/09/2024	Issued with Addendum 06
A433	SECTION DETAILS	8/09/2024	Issued with Addendum 06
A434	SECTION DETAILS	8/09/2024	Issued with Addendum 06
A435	SECTION DETAILS	8/09/2024	Issued with Addendum 06
A436	SECTION DETAILS	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A437	SECTION DETAILS	8/09/2024	Issued with Addendum 06
A440	ENLARGED PLAN DETAILS	8/09/2024	Issued with Addendum 06
A441	ENLARGED PLAN DETAILS	8/09/2024	Issued with Addendum 06
A442	ENLARGED PLAN DETAILS	8/09/2024	Issued with Addendum 06
A450	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A451	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A452	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A453	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A454	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A455	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/16/2024	Addendum 06
A456	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A457	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A458	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A459	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A460	VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A461	VERTICAL CIRULCATION PLANS, SECTIONS, AND DETAILS	8/09/2024	Addendum 05
A465	ENLARGED ELEVATOR PLANS, SECTIONS, AND DETAILS	8/09/2024	Issued with Addendum 06
A501	DOOR SCHEDULE	8/09/2024	Issued with Addendum 06
A502	DOOR SCHEDULE	8/09/2024	Issued with Addendum 06
A503	DOOR SCHEDULE AND FRAME ELEVATIONS	8/09/2024	Issued with Addendum 06
A504	DOOR FRAME AND WINDOW ELEVATIONS	8/09/2024	Issued with Addendum 06
A505	DOOR FRAME AND WINDOW ELEVATIONS	8/09/2024	Issued with Addendum 06
A506	HEAD, JAMB, AND SILL DETAILS	8/09/2024	Issued with Addendum 06
A507	HEAD, JAMB, AND SILL DETAILS	8/09/2024	Issued with Addendum 06
A508	HEAD, JAMB, AND SILL DETAILS	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A600	INTERIOR ELEVATIONS - ACADEMIC CORRIDOR	8/09/2024	Issued with Addendum 06
A601	INTERIOR ELEVATIONS - CLASSROOMS AND LABS	8/09/2024	Issued with Addendum 06
A602	INTERIOR ELEVATIONS - GYM	8/09/2024	Issued with Addendum 06
A603	INTERIOR ELEVATIONS - GYM	8/09/2024	Issued with Addendum 06
A604	INTERIOR ELEVATIONS - AUX GYM	8/09/2024	Issued with Addendum 06
A605	INTERIOR ELEVATIONS - AUX GYM	8/09/2024	Issued with Addendum 06
A606	INTERIOR ELEVATIONS - ORCHESTRA AND MULTI-PURPOSE	8/09/2024	Issued with Addendum 06
A607	INTERIOR ELEVATIONS - BAND AND CHOIR	8/09/2024	Issued with Addendum 06
A608	INTERIOR ELEVATIONS - WEIGHT ROOM	8/09/2024	Issued with Addendum 06
A609	INTERIOR ELEVATIONS - MAT GYM	8/09/2024	Issued with Addendum 06
A610	INTERIOR ELEVATIONS - FLEX THEATER	8/09/2024	Issued with Addendum 06
A611	INTERIOR ELEVATIONS - FLEX THEATER	8/09/2024	Issued with Addendum 06
A612	INTERIOR ELEVATIONS - ACADEMIC ROOMS	8/09/2024	Issued with Addendum 06
A613	INTERIOR ELEVATIONS - ACADEMIC CORR'S TRANSITION	8/09/2024	Issued with Addendum 06
A614	INTERIOR ELEVATIONS - ATHLETIC CORRIDOR	8/09/2024	Issued with Addendum 06
A615	INTERIOR ELEVATIONS - MEDIA CENTER	8/09/2024	Issued with Addendum 06
A616	INTERIOR ELEVATIONS – MEDIA CENTER	8/09/2024	Issued with Addendum 06
A617	INTERIOR ELEVATIONS – MAIN CORRIDOR	8/09/2024	Issued with Addendum 06
A620	CASEWORK ELEVATIONS	8/09/2024	Issued with Addendum 06
A621	CASEWORK ELEVATIONS	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A622	CASEWORK ELEVATIONS	8/09/2024	Issued with Addendum 06
A623	MILLWORK PLANS, ELEVATIONS, AND DETAILS	8/09/2024	Issued with Addendum 06
A624	MILLWORK PLANS, ELEVATIONS, AND DETAILS	8/09/2024	Issued with Addendum 06
A625	LOCKER DETAILS	8/09/2024	Issued with Addendum 06
A701	ENLARGED RESTROOM PLANS AND ELEVATIONS	8/09/2024	Issued with Addendum 06
A702	ENLARGED RESTROOM PLANS	8/09/2024	Issued with Addendum 06
A800	FINISH LEGEND AND NOTES	8/09/2024	Issued with Addendum 06
A801A	FIRST FLOOR FINISH PLAN - UNIT A	8/09/2024	Issued with Addendum 06
A801B	FIRST FLOOR FINISH PLAN - UNIT B	8/09/2024	Issued with Addendum 06
A801C	FIRST FLOOR FINISH PLAN - UNIT C	8/09/2024	Issued with Addendum 06
A801D	FIRST FLOOR FINISH PLAN - UNIT D	8/09/2024	Issued with Addendum 06
A801E	FIRST FLOOR FINISH PLAN - UNIT E	8/09/2024	Issued with Addendum 06
A801F	FIRST FLOOR FINISH PLAN - UNIT F	8/09/2024	Issued with Addendum 06
A801G	FIRST FLOOR FINISH PLAN - UNIT G	8/09/2024	Issued with Addendum 06
A801H	FIRST FLOOR FINISH PLAN - UNIT H	8/09/2024	Issued with Addendum 06
A802A	SECOND FLOOR FINISH PLAN - UNIT A	8/09/2024	Issued with Addendum 06
A802B	SECOND FLOOR FINISH PLAN - UNIT B	8/09/2024	Issued with Addendum 06
A802C	SECOND FLOOR FINISH PLAN - UNIT C	8/09/2024	Issued with Addendum 06
A802D	SECOND FLOOR FINISH PLAN - UNIT D	8/09/2024	Issued with Addendum 06
A802F	SECOND FLOOR FINISH PLAN - UNIT F	8/09/2024	Issued with Addendum 06



**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A802G	SECOND FLOOR FINISH PLAN - UNIT G	8/09/2024	Issued with Addendum 06
A803B	MEZZANINE LEVEL FINISH PLAN – UNIT B	8/09/2024	Issued with Addendum 06
A803C	MEZZANINE LEVEL FINISH PLAN – UNIT C	8/09/2024	Issued with Addendum 06
A810	ENLARGED FINISH RESTROOM PLANS AND ELEVATIONS	8/09/2024	8/09/2024
A900	EQUIPMENT SCHEDULE	8/09/2024	8/09/2024
A901A	FIRST FLOOR EQUIPMENT PLAN UNIT A	8/09/2024	8/09/2024
A901B	FIRST FLOOR EQUIPMENT PLAN UNIT B	8/09/2024	8/09/2024
A901C	FIRST FLOOR EQUIPMENT PLAN UNIT C	8/09/2024	8/09/2024
A901D	FIRST FLOOR EQUIPMENT PLAN UNIT D	8/09/2024	8/09/2024
A901E	FIRST FLOOR EQUIPMENT PLAN UNIT E	8/09/2024	8/09/2024
A901F	FIRST FLOOR EQUIPMENT PLAN UNIT F	8/09/2024	Addendum 05
A901G	FIRST FLOOR EQUIPMENT PLAN UNIT G	8/09/2024	Issued with Addendum 06
A901H	FIRST FLOOR EQUIPMENT PLAN UNIT H	8/09/2024	Issued with Addendum 06
A902A	SECOND FLOOR EQUIPMENT PLAN UNIT A	8/09/2024	Issued with Addendum 06
A902B	SECOND FLOOR EQUIPMENT PLAN UNIT B	8/09/2024	Issued with Addendum 06
A902C	SECOND FLOOR EQUIPMENT PLAN UNIT C	8/09/2024	Issued with Addendum 06
A902D	SECOND FLOOR EQUIPMENT PLAN UNIT D	8/09/2024	Issued with Addendum 06
A902F	SECOND FLOOR EQUIPMENT PLAN UNIT F	8/09/2024	Issued with Addendum 06
A902G	SECOND FLOOR EQUIPMENT PLAN UNIT G	8/09/2024	Issued with Addendum 06
A903	GYM STRIPING PLAN	8/09/2024	Issued with Addendum 06
A904	GYM STRIPING PLAN	8/09/2024	Issued with Addendum 06
A910	ENLARGED FOOD LAB PLAN	8/09/2024	Issued with Addendum 06
A911	ENLARGED LOCKER ROOM PLANS	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

A912	BLEACHER PLAN AND DETAILS	8/09/2024	Issued with Addendum 06
A913	BLEACHER PLANS AND DETAILS	8/09/2024	Issued with Addendum 06
A920	SIGNAGE	8/09/2024	Issued with Addendum 06
A921A	PARTIAL SIGNAGE PLAN - UNIT A	8/09/2024	Issued with Addendum 06
A921B	PARTIAL SIGNAGE PLAN - UNIT B	8/09/2024	Issued with Addendum 06
A921C	PARTIAL SIGNAGE PLAN - UNIT C	8/09/2024	Issued with Addendum 06
A921D	PARTIAL SIGNAGE PLAN - UNIT D	8/09/2024	Issued with Addendum 06
A921E	PARTIAL SIGNAGE PLAN - UNIT E	8/09/2024	Issued with Addendum 06
A921F	PARTIAL SIGNAGE PLAN - UNIT F	8/09/2024	Issued with Addendum 06
A921G	PARTIAL SIGNAGE PLAN - UNIT G	8/09/2024	Issued with Addendum 06
A921H	PARTIAL SIGNAGE PLAN - UNIT H	8/09/2024	Issued with Addendum 06
A922A	SECOND FLOOR SIGNAGE – SECOND FLOOR UNIT A	8/09/2024	Issued with Addendum 06
A922B	SECOND FLOOR SIGNAGE – SECOND FLOOR UNIT B	8/09/2024	Issued with Addendum 06
A922C	SECOND FLOOR SIGNAGE – SECOND FLOOR UNIT C	8/09/2024	Issued with Addendum 06
A922D	SECOND FLOOR SIGNAGE – SECOND FLOOR UNIT D	8/09/2024	Issued with Addendum 06
A922F	SECOND FLOOR SIGNAGE – SECOND FLOOR UNIT F	8/09/2024	Issued with Addendum 06
A922G	SECOND FLOOR SIGNAGE – SECOND FLOOR UNIT G	8/09/2024	Issued with Addendum 06
A923	POST AND PANEL DIRECTIONAL SIGNAGE	8/09/2024	Issued with Addendum 06
K100	FOODSERVICE GENERAL NOTES & SHEET INDEX	8/09/2024	Issued with Addendum 06
K101	FOODSERVICE LAYOUT OVERALL	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

K102	FOODSERVICE LAYOUT	8/09/2024	Issued with Addendum 06
K103	FOODSERVICE SPECIAL CONDITIONS LAYOUT	8/09/2024	Issued with Addendum 06
K104	ROOF TOP LAYOUT	8/09/2024	Issued with Addendum 06
K200	FOODSERVICE EQUIPMENT SCHEDULE	8/09/2024	Issued with Addendum 06
K201	FOODSERVICE EQUIPMENT SCHEDULE	8/09/2024	Issued with Addendum 06
K300	FOODSERVICE PLUMBING LAYOUT	8/09/2024	Issued with Addendum 06
K301	FOODSERVICE ELECTRICAL LAYOUT	8/09/2024	Issued with Addendum 06
K400	WALK-IN COOLER / FREEZER DETAILS	8/09/2024	Issued with Addendum 06
K401	WALK-IN COOLER / FREEZER DETAILS	8/09/2024	Issued with Addendum 06
K500	FOODSERVICE EXHAUST SYSTEM DETAILS	8/09/2024	Issued with Addendum 06
K501	FOODSERVICE EXHAUST SYSTEM DETAILS	8/09/2024	Issued with Addendum 06
K600	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS	8/09/2024	Issued with Addendum 06
K601	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS	8/09/2024	Issued with Addendum 06
K602	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS	8/09/2024	Issued with Addendum 06
K603	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS	8/09/2024	Issued with Addendum 06
K604	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS	8/09/2024	Issued with Addendum 06
K605	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS	8/09/2024	Issued with Addendum 06
FP201	OVERALL GROUND FLOOR ZONE MAP - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP201A	GROUND FLOOR PLAN - UNIT A - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP201B	GROUND FLOOR PLAN - UNIT B - FIRE PROTECTION	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

FP201C	GROUND FLOOR PLAN - UNIT C - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP201D	GROUND FLOOR PLAN - UNIT D - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP201E	GROUND FLOOR PLAN - UNIT E - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP201F	GROUND FLOOR PLAN - UNIT F - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP201G	GROUND FLOOR PLAN - UNIT G - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP201H	GROUND FLOOR PLAN - UNIT H - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP202	OVERALL SECOND FLOOR ZONE MAP - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP202A	GROUND FLOOR PLAN - UNIT A - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP202B	GROUND FLOOR PLAN - UNIT B - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP202C	GROUND FLOOR PLAN - UNIT C - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP202D	GROUND FLOOR PLAN - UNIT D - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP202F	GROUND FLOOR PLAN - UNIT F - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP202G	GROUND FLOOR PLAN - UNIT G - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP301	ENLARGED PLANS - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP302	ENLARGED PLANS - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
FP401	DETAILS AND SCHEDULES - FIRE PROTECTION	8/09/2024	Issued with Addendum 06
P101A	UNDERSLAB PLAN - UNIT A - PLUMBING	8/09/2024	Issued with Addendum 06
P101B	UNDERSLAB PLAN - UNIT B - PLUMBING	8/09/2024	Issued with Addendum 06
P101C	UNDERSLAB PLAN - UNIT C - PLUMBING	8/09/2024	Issued with Addendum 06
P101D	UNDERSLAB PLAN - UNIT D - PLUMBING	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

P101E	UNDERSLAB PLAN - UNIT E - PLUMBING	8/09/2024	Issued with Addendum 06
P101F	UNDERSLAB PLAN - UNIT F - PLUMBING	8/09/2024	Issued with Addendum 06
P101G	UNDERSLAB PLAN - UNIT G - PLUMBING	8/09/2024	Issued with Addendum 06
P101H	UNDERSLAB PLAN - UNIT H - PLUMBING	8/09/2024	Issued with Addendum 06
P201A	GROUND FLOOR PLAN - UNIT A - PLUMBING	8/09/2024	Issued with Addendum 06
P201B	GROUND FLOOR PLAN - UNIT B - PLUMBING	8/09/2024	Issued with Addendum 06
P201C	GROUND FLOOR PLAN - UNIT C - PLUMBING	8/09/2024	Issued with Addendum 06
P201D	GROUND FLOOR PLAN - UNIT D - PLUMBING	8/09/2024	Issued with Addendum 06
P201E	GROUND FLOOR PLAN - UNIT E - PLUMBING	8/09/2024	Issued with Addendum 06
P201F	GROUND FLOOR PLAN - UNIT F - PLUMBING	8/09/2024	Issued with Addendum 06
P201G	GROUND FLOOR PLAN - UNIT G - PLUMBING	8/09/2024	Issued with Addendum 06
P201H	GROUND FLOOR PLAN - UNIT H - PLUMBING	8/09/2024	Issued with Addendum 06
P201OB	GROUND FLOOR - OUTBUILDING - PLUMBING	8/09/2024	Issued with Addendum 06
P202A	SECOND FLOOR PLAN - UNIT A - PLUMBING	8/09/2024	Issued with Addendum 06
P202B	SECOND FLOOR PLAN - UNIT B - PLUMBING	8/09/2024	Issued with Addendum 06
P202C	SECOND FLOOR PLAN - UNIT C - PLUMBING	8/09/2024	Issued with Addendum 06
P202D	SECOND FLOOR PLAN - UNIT D - PLUMBING	8/09/2024	Issued with Addendum 06
P202F	SECOND FLOOR PLAN - UNIT F - PLUMBING	8/09/2024	Issued with Addendum 06
P202G	SECOND FLOOR PLAN - UNIT G - PLUMBING	8/09/2024	Issued with Addendum 06
P220A	PARTIAL ROOF PLAN - UNIT A - PLUMBING	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

P220B	PARTIAL ROOF PLAN - UNIT B - PLUMBING	8/09/2024	Issued with Addendum 06
P220C	PARTIAL ROOF PLAN - UNIT C - PLUMBING	8/09/2024	Issued with Addendum 06
P220D	PARTIAL ROOF PLAN - UNIT D - PLUMBING	8/09/2024	Issued with Addendum 06
P220E	PARTIAL ROOF PLAN - UNIT E - PLUMBING	8/09/2024	Issued with Addendum 06
P220F	PARTIAL ROOF PLAN - UNIT F - PLUMBING	8/09/2024	Issued with Addendum 06
P220G	PARTIAL ROOF PLAN - UNIT G - PLUMBING	8/09/2024	Issued with Addendum 06
P220H	PARTIAL ROOF PLAN - UNIT H - PLUMBING	8/09/2024	Issued with Addendum 06
P301	ENLARGED MECHANICAL ROOM - PLUMBING	8/09/2024	Issued with Addendum 06
P302	PENTHOUSE - PLUMBING	8/09/2024	Issued with Addendum 06
P361	ENLARGED KITCHEN PLAN - PLUMBING	8/09/2024	Issued with Addendum 06
P401	DETAILS - PLUMBING	8/09/2024	Issued with Addendum 06
P402	DETAILS - PLUMBING	8/09/2024	Issued with Addendum 06
P501	ISOMETRICS - PLUMBING	8/09/2024	Issued with Addendum 06
P502	ISOMETRICS - PLUMBING	8/09/2024	Issued with Addendum 06
P601	SCHEDULES - PLUMBING	8/09/2024	Issued with Addendum 06
PM001	SYMBOLS, ABBREVIATIONS & GENERAL NOTES - MECHANICAL	8/09/2024	Issued with Addendum 06
M100	PARTIAL SITE PLAN - WELL FIELD - MECHANICAL	8/09/2024	Issued with Addendum 06
M201A	GROUND FLOOR PLAN - UNIT A - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M201B	GROUND FLOOR PLAN - UNIT B - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M201C	GROUND FLOOR PLAN - UNIT C - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

M201D	GROUND FLOOR PLAN - UNIT D - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M201E	GROUND FLOOR PLAN - UNIT E - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M201F	GROUND FLOOR PLAN - UNIT F - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M201G	GROUND FLOOR PLAN - UNIT G - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M201H	GROUND FLOOR PLAN - UNIT H - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M202A	SECOND FLOOR PLAN - UNIT A - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M202B	SECOND FLOOR PLAN - UNIT B - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M202C	SECOND FLOOR PLAN - UNIT C - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M202D	SECOND FLOOR PLAN - UNIT D - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M202F	SECOND FLOOR PLAN - UNIT F - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M202G	SECOND FLOOR PLAN - UNIT G - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M211A	GROUND FLOOR PLAN - UNIT A - HYDRONICS	8/09/2024	Issued with Addendum 06
M211B	GROUND FLOOR PLAN - UNIT B - HYDRONICS	8/09/2024	Issued with Addendum 06
M211C	GROUND FLOOR PLAN - UNIT C - HYDRONICS	8/09/2024	Issued with Addendum 06
M211D	GROUND FLOOR PLAN - UNIT D - HYDRONICS	8/09/2024	Issued with Addendum 06
M211E	GROUND FLOOR PLAN - UNIT E - HYDRONICS	8/09/2024	Issued with Addendum 06
M211F	GROUND FLOOR PLAN - UNIT F - HYDRONICS	8/09/2024	Issued with Addendum 06
M211G	GROUND FLOOR PLAN - UNIT G - HYDRONICS	8/09/2024	Issued with Addendum 06
M211H	GROUND FLOOR PLAN - UNIT H - HYDRONICS	8/09/2024	Issued with Addendum 06
M212A	SECOND FLOOR PLAN - UNIT A - HYDRONICS	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

M212B	SECOND FLOOR PLAN - UNIT B - HYDRONICS	8/09/2024	Issued with Addendum 06
M212C	SECOND FLOOR PLAN - UNIT C - HYDRONICS	8/09/2024	Issued with Addendum 06
M212D	SECOND FLOOR PLAN - UNIT D - HYDRONICS	8/09/2024	Issued with Addendum 06
M212G	SECOND FLOOR PLAN - UNIT G - HYDRONICS	8/09/2024	Issued with Addendum 06
M220	ROOF PLAN OVERALL - MECHANICAL	8/09/2024	Issued with Addendum 06
M301	UNIT F - ENLARGED MECHANICAL ROOM F113 - MECHANICAL	8/09/2024	Issued with Addendum 06
M302	UNIT A - ENLARGED MECHANICAL ROOM A227 - MECHANICAL	8/09/2024	Issued with Addendum 06
M303	UNIT B - ENLARGED MECHANICAL MEZZANINE - MECHANICAL	8/09/2024	Issued with Addendum 06
M304	UNIT C - ENLARGED MECHANICAL MEZZANINE - MECHANICAL	8/09/2024	Issued with Addendum 06
M305	UNIT A - ENLARGED MECHANICAL ROOMS - MECHANICAL	8/09/2024	Issued with Addendum 06
M306	UNIT B - ENLARGED MECHANICAL ROOMS - MECHANICAL	8/09/2024	Issued with Addendum 06
M307	UNIT C - ENLARGED MECHANICAL ROOMS - MECHANICAL	8/09/2024	Issued with Addendum 06
M308	UNIT E - ENLARGED MECHANICAL ROOMS - MECHANICAL	8/09/2024	Issued with Addendum 06
M309	UNIT F - ENLARGED MECHANICAL ROOMS - MECHANICAL	8/09/2024	Issued with Addendum 06
M310	UNIT G - ENLARGED MECHANICAL ROOMS - MECHANICAL	8/09/2024	Issued with Addendum 06
M311	UNIT H - ENLARGED MECHANICAL ROOMS - MECHANICAL	8/09/2024	Issued with Addendum 06
M401	DETAILS - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M402	DETAILS - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M411	DETAILS - HYDRONICS	8/09/2024	Issued with Addendum 06
M412	DETAILS - VALVE VAULTS	8/09/2024	Issued with Addendum 06



**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
**LIST OF DRAWINGS**

M413	DETAILS - WELL FIELD	8/09/2024	Issued with Addendum 06
M415	ERV PROFILES – MECHANICAL	8/09/2024	Issued with Addendum 06
M501	SCHEMATICS – ERV-A - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M502	SCHEMATICS – ERV-B - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M503	SCHEMATICS – ERV-C - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M504	SCHEMATICS – ERV-E - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M506	SCHEMATICS – ERV-F - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M507	SCHEMATICS – ERV-G - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M511	SCHEMATICS - HYDRONICS	8/09/2024	Issued with Addendum 06
M601	SCHEDULES - AIR DISTRIBUTION	8/09/2024	Issued with Addendum 06
M611	SCHEDULES - HYDRONICS	8/09/2024	Issued with Addendum 06
M612	SCHEDULES - HYDRONICS	8/09/2024	Issued with Addendum 06
M701	CONTROLS - GENERAL	8/09/2024	Issued with Addendum 06
M702	CONTROLS – GROUND LOOP SYSTEM	8/09/2024	Issued with Addendum 06
M703	CONTROLS - ERV & WSHP AIRFLOW SCHEMATICS	8/09/2024	Issued with Addendum 06
M704	CONTROLS – ERV-E AIRFLOW SCHEMATIC	8/09/2024	Issued with Addendum 06
M705	CONTROLS – ERV-F AIRFLOW SCHEMATIC	8/09/2024	Issued with Addendum 06
M706	CONTROLS – ERV-G AIRFLOW SCHEMATIC	8/09/2024	Issued with Addendum 06
M707	CONTROLS – TERMINAL UNITS	8/09/2024	Issued with Addendum 06
E001	SYMBOLS, ABBREVIATIONS, & GENERAL NOTES – ELECTRICAL	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
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E100	SITE PLAN - ELECTRICAL	8/09/2024	Issued with Addendum 06
E101	SITE PLAN - BASEBALL - ELECTRICAL	8/09/2024	Issued with Addendum 06
E102	SITE PLAN - SOFTBALL - ELECTRICAL	8/09/2024	Issued with Addendum 06
E103	SITE PLAN - FOOTBALL - ELECTRICAL	8/09/2024	Issued with Addendum 06
E104	SITE PLAN - TENNIS - ELECTRICAL	8/09/2024	Issued with Addendum 06
E201A	GROUND FLOOR PLAN - UNIT A - LIGHTING	8/09/2024	Issued with Addendum 06
E201B	GROUND FLOOR PLAN - UNIT B - LIGHTING	8/09/2024	Issued with Addendum 06
E201C	GROUND FLOOR PLAN - UNIT C - LIGHTING	8/09/2024	Issued with Addendum 06
E201D	GROUND FLOOR PLAN - UNIT D - LIGHTING	8/09/2024	Issued with Addendum 06
E201E	GROUND FLOOR PLAN - UNIT E - LIGHTING	8/09/2024	Issued with Addendum 06
E201F	GROUND FLOOR PLAN - UNIT F - LIGHTING	8/09/2024	Issued with Addendum 06
E201G	GROUND FLOOR PLAN - UNIT G - LIGHTING	8/09/2024	Issued with Addendum 06
E201H	GROUND FLOOR PLAN - UNIT H - LIGHTING	8/09/2024	Issued with Addendum 06
E202A	SECOND FLOOR PLAN - UNIT A - LIGHTING	8/09/2024	Issued with Addendum 06
E202B	SECOND FLOOR PLAN - UNIT B - LIGHTING	8/09/2024	Issued with Addendum 06
E202C	SECOND FLOOR PLAN - UNIT C - LIGHTING	8/09/2024	Issued with Addendum 06
E202D	SECOND FLOOR PLAN - UNIT D - LIGHTING	8/09/2024	Issued with Addendum 06
E202F	SECOND FLOOR PLAN - UNIT F - LIGHTING	8/09/2024	Issued with Addendum 06
E202G	SECOND FLOOR PLAN - UNIT G - LIGHTING	8/09/2024	Issued with Addendum 06
E211A	GROUND FLOOR PLAN - UNIT A - POWER	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
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E211B	GROUND FLOOR PLAN - UNIT B - POWER	8/09/2024	Issued with Addendum 06
E211C	GROUND FLOOR PLAN - UNIT C - POWER	8/09/2024	Issued with Addendum 06
E211D	GROUND FLOOR PLAN - UNIT D - POWER	8/09/2024	Issued with Addendum 06
E211E	GROUND FLOOR PLAN - UNIT E - POWER	8/09/2024	Issued with Addendum 06
E211F	GROUND FLOOR PLAN - UNIT F - POWER	8/09/2024	Issued with Addendum 06
E211G	GROUND FLOOR PLAN - UNIT G - POWER	8/09/2024	Issued with Addendum 06
E211H	GROUND FLOOR PLAN - UNIT H - POWER	8/09/2024	Issued with Addendum 06
E212A	SECOND FLOOR PLAN - UNIT A - POWER	8/09/2024	Issued with Addendum 06
E212B	SECOND FLOOR PLAN - UNIT B - POWER	8/09/2024	Issued with Addendum 06
E212C	SECOND FLOOR PLAN - UNIT C - POWER	8/09/2024	Issued with Addendum 06
E212D	SECOND FLOOR PLAN - UNIT D - POWER	8/09/2024	Issued with Addendum 06
E212F	SECOND FLOOR PLAN - UNIT F - POWER	8/09/2024	Issued with Addendum 06
E212G	SECOND FLOOR PLAN - UNIT G - POWER	8/09/2024	Issued with Addendum 06
E213D	CLEAR STORY LEVEL - UNIT D - POWER	8/09/2024	Issued with Addendum 06
E220	ROOF PLAN - ELECTRICAL	8/09/2024	Issued with Addendum 06
E231A	GROUND FLOOR PLAN - UNIT A - FIRE ALARM	8/09/2024	Issued with Addendum 06
E231B	GROUND FLOOR PLAN - UNIT B - FIRE ALARM	8/09/2024	Issued with Addendum 06
E231C	GROUND FLOOR PLAN - UNIT C - FIRE ALARM	8/09/2024	Issued with Addendum 06
E231D	GROUND FLOOR PLAN - UNIT D - FIRE ALARM	8/09/2024	Issued with Addendum 06
E231E	GROUND FLOOR PLAN - UNIT E - FIRE ALARM	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
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E231F	GROUND FLOOR PLAN - UNIT F - FIRE ALARM	8/09/2024	Issued with Addendum 06
E231G	GROUND FLOOR PLAN - UNIT G - FIRE ALARM	8/09/2024	Issued with Addendum 06
E231H	GROUND FLOOR PLAN - UNIT H - FIRE ALARM	8/09/2024	Issued with Addendum 06
E232A	SECOND FLOOR PLAN - UNIT A - FIRE ALARM	8/09/2024	Issued with Addendum 06
E232B	SECOND FLOOR PLAN - UNIT B - FIRE ALARM	8/09/2024	Issued with Addendum 06
E232C	SECOND FLOOR PLAN - UNIT C - FIRE ALARM	8/09/2024	Issued with Addendum 06
E232D	SECOND FLOOR PLAN - UNIT D - FIRE ALARM	8/09/2024	Issued with Addendum 06
E232F	SECOND FLOOR PLAN - UNIT F - FIRE ALARM	8/09/2024	Issued with Addendum 06
E232G	SECOND FLOOR PLAN - UNIT G - FIRE ALARM	8/09/2024	Issued with Addendum 06
E301	UNIT F – ENLARGED MECHANICAL ROOM F113 – POWER	8/09/2024	Issued with Addendum 06
E302	UNIT A – ENLARGED MECHANICAL ROOM A227 – POWER	8/09/2024	Issued with Addendum 06
E303	UNIT B – ENLARGED MECHANICAL MEZZANINE – ELECTRICAL	8/09/2024	Issued with Addendum 06
E304	UNIT C – ENLARGED MECHANICAL MEZZANINE - ELECTRICAL	8/09/2024	Issued with Addendum 06
E305	UNIT A - ENLARGED MECHANICAL ROOMS - POWER	8/09/2024	Issued with Addendum 06
E306	UNIT B - ENLARGED MECHANICAL ROOMS - POWER	8/09/2024	Issued with Addendum 06
E307	UNIT C - ENLARGED MECHANICAL ROOMS - POWER	8/09/2024	Issued with Addendum 06
E308	UNIT E - ENLARGED MECHANICAL ROOMS - POWER	8/09/2024	Issued with Addendum 06
E309	UNIT F - ENLARGED MECHANICAL ROOMS - POWER	8/09/2024	Issued with Addendum 06
E310	UNIT G - ENLARGED MECHANICAL ROOMS - POWER	8/09/2024	Issued with Addendum 06
E311	UNIT H - ENLARGED MECHANICAL ROOMS - POWER	8/09/2024	Issued with Addendum 06

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
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E313	UNIT F – ENLARGED DRESSING ROOM ELEVATION	8/09/2024	Issued with Addendum 06
E361	ENLARGED KITCHEN PLAN - ELECTRICAL	8/09/2024	Issued with Addendum 06
E362	KITCHEN - SCHEDULES	8/09/2024	Issued with Addendum 06
E401	DETAILS - GROUNDING	8/09/2024	Issued with Addendum 06
E402	DETAILS - LIGHTING	8/09/2024	Issued with Addendum 06
E403	DETAILS - ELECTRICAL	8/09/2024	Issued with Addendum 06
E404	DETAILS - ELECTRICAL	8/09/2024	Issued with Addendum 06
E501	SINGLE-LINE DIAGRAM – MSB-L - ELECTRICAL	8/09/2024	Issued with Addendum 06
E502	SINGLE-LINE DIAGRAM – MSB-P - ELECTRICAL	8/09/2024	Issued with Addendum 06
E601	SCHEDULES - LIGHTING	8/09/2024	Issued with Addendum 06
E611	SCHEDULES - PANELBOARDS - MAIN, SITE	8/09/2024	Issued with Addendum 06
E612	SCHEDULES - PANELBOARDS - UNIT A	8/09/2024	Issued with Addendum 06
E613	SCHEDULES - PANELBOARDS - UNIT B	8/09/2024	Issued with Addendum 06
E614	SCHEDULES - PANELBOARDS - UNIT C	8/09/2024	Issued with Addendum 06
E615	SCHEDULES - PANELBOARDS - UNIT D	8/09/2024	Issued with Addendum 06
E616	SCHEDULES - PANELBOARDS - UNIT E	8/09/2024	Issued with Addendum 06
E617	SCHEDULES - PANELBOARDS - UNIT F	8/09/2024	Issued with Addendum 06
E618	SCHEDULES - PANELBOARDS - UNIT G	8/09/2024	Issued with Addendum 06
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**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
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E621	SCHEDULES – PANELBOARDS - SPORTSFIELDS	8/09/2024	Issued with Addendum 06
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T002	SECURITY SITE PLAN	8/09/2024	Issued with Addendum 06
T101	GROUND FLOOR OVERALL DISTRIBUTION	8/09/2024	Issued with Addendum 06
T101A	GROUND FLOOR DISTRIBUTION PLAN - UNIT A	8/09/2024	Issued with Addendum 06
T101B	GROUND FLOOR DISTRIBUTION PLAN - UNIT B	8/09/2024	Issued with Addendum 06
T101C	GROUND FLOOR DISTRIBUTION PLAN - UNIT C	8/09/2024	Issued with Addendum 06
T101D	GROUND FLOOR DISTRIBUTION PLAN - UNIT D	8/09/2024	Issued with Addendum 06
T101E	GROUND FLOOR DISTRIBUTION PLAN - UNIT E	8/09/2024	Issued with Addendum 06
T101F	GROUND FLOOR DISTRIBUTION PLAN - UNIT F	8/09/2024	Issued with Addendum 06
T101G	GROUND FLOOR DISTRIBUTION PLAN - UNIT G	8/09/2024	Issued with Addendum 06
T101H	GROUND FLOOR DISTRIBUTION PLAN - UNIT H	8/09/2024	Issued with Addendum 06
T102	SECOND FLOOR OVERALL DISTRIBUTION PLAN	8/09/2024	Issued with Addendum 06
T102A	SECOND FLOOR DISTRIBUTION PLAN- UNIT A	8/09/2024	Issued with Addendum 06
T102B	SECOND FLOOR DISTRIBUTION PLAN- UNIT B	8/09/2024	Issued with Addendum 06
T102C	SECOND FLOOR DISTRIBUTION PLAN- UNIT C	8/09/2024	Issued with Addendum 06
T102D	SECOND FLOOR DISTRIBUTION PLAN- UNIT D	8/09/2024	Issued with Addendum 06
T102F	SECOND FLOOR DISTRIBUTION PLAN- UNIT F	8/09/2024	Issued with Addendum 06
T102G	SECOND FLOOR DISTRIBUTION PLAN- UNIT G	8/09/2024	Issued with Addendum 06
T200	PRESS BOX TEHCNOLOGY PLANS	8/09/2024	Issued with

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
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T201B	GROUND FLOOR TECHNOLOGY PLAN - UNIT B	8/09/2024	Issued with Addendum 06
T201C	GROUND FLOOR TECHNOLOGY PLAN - UNIT C	8/09/2024	Issued with Addendum 06
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T201E	GROUND FLOOR TECHNOLOGY PLAN - UNIT E	8/09/2024	Issued with Addendum 06
T201F	GROUND FLOOR TECHNOLOGY PLAN - UNIT F	8/09/2024	Issued with Addendum 06
T201G	GROUND FLOOR TECHNOLOGY PLAN - UNIT G	8/09/2024	Issued with Addendum 06
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T202F	SECOND FLOOR TECHNOLOGY PLAN - UNIT F	8/09/2024	Issued with Addendum 06
T202G	SECOND FLOOR TECHNOLOGY PLAN - UNIT G	8/09/2024	Issued with Addendum 06
T203B/C	MEZZANINE LEVEL TECHNOLOGY PLAN	8/09/2024	Issued with Addendum 06
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T302	ENLARGED TR LAYOUTS / ELEVATIONS	8/09/2024	Issued with Addendum 06
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T304	ENLARGED TR LAYOUTS / ELEVATIONS	8/09/2024	Issued with

**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
**STEEL WORK AND RAILING WORK**  
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T306	TELECOM RACK ELEVATIONS	8/09/2024	Issued with Addendum 06
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T309	AV DIAGRAMS	8/09/2024	Issued with Addendum 06
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T316	AV ELEVATIONS	8/09/2024	Issued with Addendum 06
T317	AV ELEVATIONS	8/09/2024	Issued with Addendum 06
T318	AV ELEVATIONS	8/09/2024	Issued with Addendum 06
T319	AV RACK ELEVATIONS	8/09/2024	Issued with Addendum 06
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T402	TECHNOLOGY DETAILS	8/09/2024	Issued with Addendum 06
T403	SECURITY DETAILS	8/09/2024	Issued with Addendum 06
T404	SECURITY DETAILS	8/09/2024	Issued with



**New Westfield Middle School West**  
**BID PACKAGE 02, BID ITEM 02 & 03 – BUILDING CONCRETE WORK,**  
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26 09 23	LIGHTING CONTROL DEVICES	7/26/2024
26 22 00	LOW-VOLTAGE TRANSFORMERS	7/26/2024
26 24 13	SWITCHBOARDS	7/26/2024
26 24 16	PANELBOARDS	7/26/2024
26 27 26	WIRING DEVICES	7/26/2024
26 28 13	FUSES	7/26/2024
26 28 16	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	7/26/2024
26 29 13	ENCLOSED CONTROLLERS	7/26/2024
26 33 23	CENTRAL BATTERY EQUIPMENT FOR EMERGENCY LIGHTING	7/26/2024
26 43 13	SURGE PROTECTION FOR LOW-VOLTAGE ELECTRICAL POWER LOW CIRCUITS	7/26/2024
26 51 00	INTERIOR LIGHTING	7/26/2024
26 55 61	THEATRICAL LIGHTING	7/26/2024
26 55 68	ATHLETIC FIELD LIGHTING	7/26/2024
26 56 00	EXTERIOR LIGHTING	7/26/2024
27 05 00	COMMON WORK RESULTS FOR COMMUNICATIONS	7/26/2024

**SECTION 00 01 16**  
**LIST OF SPECIFICATIONS**

27 05 26	GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS	7/26/2024
27 05 28	PATHWAYS FOR COMMUNICATIONS SYSTEMS	7/26/2024
27 05 53	IDENTIFICATION FOR COMMUNICATION SYSTEMS	7/26/2024
27 11 00	COMMUNICATIONS EQUIPMENT ROOM FITTINGS	7/26/2024
27 11 16	COMMUNICATIONS CABINETS, RACKS, FRAMES AND ENCLOSURES	7/26/2024
27 11 19	COMMUNICATIONS TERMINATION BLOCKS AND PATCH PANELS	7/26/2024
27 13 23	COMMUNICATIONS OPTICAL FIBER BACKBONE CABLING	7/26/2024
27 14 23	COMMUNICATIONS OPTICAL FIBER RISER CABLING	7/26/2024
27 15 00.23	AUDIO VIDEO COMMUNICATIONS HORIZONTAL CABLING	7/26/2024
27 15 13	COMMUNICATIONS COPPER HORIZONTAL CABLING	7/26/2024
27 15 43	COMMUNICATIONS FACEPLATES AND CONNECTORS	7/26/2024
27 21 33	COMMUNICATIONS WIRELESS ACCESS SYSTEM	7/26/2024
27 41 16	INTEGRATED AUDIO VIDEO SYSTEMS AND EQUIPMENT	7/26/2024
27 51 23	CENTRAL SOUND AND PAGING SYSTEM	7/26/2024
28 13 00	ACCESS CONTROL	7/26/2024
28 23 00	VIDEO SECURITY	7/26/2024
28 31 11	DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM	7/26/2024
31 20 10	EARTHWORK - BUILDING	7/26/2024
32 11 23	GRANULAR BASE	7/26/2024
32 12 16	ASPHALT PAVING	7/26/2024
32 12 17	GEOSYNTHETICS	7/26/2024
32 12 18	TENNIS SURFACING	7/26/2024
32 13 16	CONCRETE PAVING	7/26/2024
32 13 17	STAMPED CONCRETE	7/26/2024
32 15 40	SHOTPUT BASE	7/26/2024
32 17 23	PAVING MARKING	7/26/2024
32 18 24	TRACK SURFACING – LATEX SYSTEM	7/26/2024
32 18 25	BALL DIAMOND CONSTRUCTION	7/26/2024
32 31 13	CHAIN LINK FENCES AND GATES	7/26/2024
32 31 19.01	METAL GATES	7/26/2024
32 33 00	SITE FURNISHINGS	7/26/2024
32 91 13	ROOT ZONE MEDIA FOR SAND-BASED FIELDS	7/26/2024
32 91 15	SYNTHETIC TURF	7/26/2024
32 92 00	TURF AND GRASSES	7/26/2024
32 92 10	SPORTS TURFGRASS	7/26/2024
32 93 00	PLANTING	7/26/2024
32 96 00	TRANSPLANTING	7/26/2024
33 40 16	FIELD SUBDRAINAGE	7/26/2024



**SECTION 00 21 13**  
**INSTRUCTIONS TO BIDDERS**

The following information and special instructions are being furnished to prospective Bidders desiring to submit Bids for the Work on the following project.

**1.01 PROJECT INFORMATION**

New Westfield Middle School West

This package is for the construction of the new Westfield Middle School West located at 17707 Centennial Road, Westfield, IN 46074.

Bids will be received for the following Bid Item:

Bid Item #02, Bid Item #02 – Building Concrete Work  
Bid Item #02, Bid Item #03 – Steel Work and Railing Work

**1.02 BID DOCUMENTS**

1. The bidding documents include the following:
  - a. Project Contract Manual and Project Technical Specifications covering Divisions 00 through 33.
  - b. Contract Documents per specification section 00 01 15.
2. Procurement: Bid documents will be available on or after August 5, 2024, Subcontractors can receive drawings/specifications, and addenda by contacting Michael Uhrig by email at [MUhrig@hagermangc.com](mailto:MUhrig@hagermangc.com) or by phone at (317) 577-6836.
3. Documents will also be available from Eastern Engineering  
<http://distribution.easternengineering.com/View/Default.aspx>  
Contact at Eastern Engineering is:  
Greg Holman  
Email: [greg.holman@easternengineering.com](mailto:greg.holman@easternengineering.com) / Office: (317) 598-0661
4. Any questions concerning bidding this project, project completion, scheduling, project administration, bidder questions, etc shall be directed to:

Mike Holtkamp, Hagerman, [mholtkamp@hagermangc.com](mailto:mholtkamp@hagermangc.com) or Cell: (317) 627-2138  
Hagerman, Inc. Main Office (Fishers, IN): (317) 577-6836

Michael Uhrig, Hagerman, [MUhrig@Hagermangc.com](mailto:MUhrig@Hagermangc.com) or Cell: (317) 617-4937  
Hagerman, Inc. Main Office (Fishers, IN): (317) 577-6836

**SECTION 00 21 13**  
**INSTRUCTIONS TO BIDDERS**

Jessica Gipson, Hagerman, [jgipson@hagermangc.com](mailto:jgipson@hagermangc.com)  
Hagerman, Inc. Main Office (Fishers, IN): (317) 577-6836

5. Bid Document Review: Construction will be in accordance with the bid documents, which may be viewed at the following locations, as well as local plan rooms:

Westfield Washington School Corporation  
19500 Tomlinson Road  
Westfield, IN 46074

Hagerman, Inc  
10315 Allisonville Road  
Fishers, IN 46038

CSO Architects, Inc.  
8831 Keystone Crossing  
Indianapolis, IN 46240

**1.03 INSTRUCTIONS TO BIDDERS**

1. Refer to Section 00 24 00 – “Scope of Bids” for a breakdown of Bid Item(s).
2. Bid Delivery: Deliver all sealed Bids by 4:00 p.m., Thursday, August 29, 2024:

Westfield Washington School Corporation  
Administration Building  
19500 Tomlinson Road  
Westfield, IN 46074  
Attn: Mr. Brian Tomamichel

**3. Faxed, emailed, or electronic bids will not be accepted.**

1. Bids submitted on the bid opening date will be received up to the hour of 4:00 P.M. Bids will be opened in public and read aloud at the Westfield Washington School Corporation Administration Building, 19500 Tomlinson Road, Westfield, IN 46074 on Thursday, August 29, 2024, at 4:00 P.M. by the Owner.
2. Bidder shall submit one (1) hard copy of the following bid documents enclosed in a sealed envelope addressed to Hagerman, Inc. C/O Westfield Washington School Corporation:
  - a. One (1) copy of Hagerman Bid Form
  - b. One (1) copy of Bid Security in the form of an AIA A310 Bid Bond in the amount of 10% of the Base Bid or a certified check in the amount of 10% of the Base Bid. Note: Make Bid Bond and/or Certified check payable to Hagerman, Inc.

**SECTION 00 21 13**  
**INSTRUCTIONS TO BIDDERS**

- c. One (1) copy of the Indiana State Board of Accounts Form 96 (revised 2013) including a signed Non-Collusion Affidavit
  - d. Bid Submittal Checklist
3. Mark the front of the envelope as follows:
- Include the Bidder's name, address, and telephone number on the outside of the envelope.
  - Include the Construction Manager's name, address, and main point of contact on the outside of the envelope.
  - Include the notation "BID ENCLOSED" on the outside of the envelope.
  - Include the project name on the outside of the envelope.
  - Indicate the bid items you are bidding on the outside of the envelope.
4. Hand delivered bids will be accepted. Bids may be hand delivered to the Westfield Washington School Corporation Administration Building at the address identified above. Hand delivered bids shall be enclosed in a sealed opaque envelope and shall include all required bid documents and forms.

**1.04 EXAMINING THE SITE**

1. The Bidder shall carefully study and compare the Bid Documents with each other and with other work being bid concurrently or presently under construction to the extent that it relates to the Work for which the Bid is submitted, shall examine the site and local conditions, and shall at once report to the Construction Manager errors, inconsistencies or ambiguities discovered.
2. Each Bidder submitting a Bid represents that he/she has read and understands the Bidding Documents and Scope of Work. Each Bidder represents that he/she has visited the site and has adequately familiarized himself/herself with the existing conditions. No additional cost to the Owner will be allowed by the Subcontractor's failure to avail himself/herself of a complete and thorough on-site inspection of existing conditions.
3. Arrangements to visit and examine the site in accordance with the General Instructions to Bidders may be made by contacting Hagerman, Inc., **Mike Holtkamp** **Cell: (317) 627-2138**. Questions during the bidding period shall be in written form **ONLY** and should be directed to Mike Holtkamp, [mholtkamp@hagermangc.com](mailto:mholtkamp@hagermangc.com)

**1.05 PRE-BID CONFERENCE**

1. A pre-bid meeting for all parties interested in bidding the project will be held

**SECTION 00 21 13**  
**INSTRUCTIONS TO BIDDERS**

**Tuesday, August 20, 2024, at 1:00 P.M.** The Meeting will be held at the Westfield Washington School Corp. Administration Building, 19500 Tomlinson Road, Westfield, IN 46074. Representatives of the Owner, Construction Manager, and the Architect/Engineer will be present to answer questions regarding the project and bidding procedures. All interested Bidders are encouraged to attend.

**1.06 GENERAL INSTRUCTIONS**

1. Each Bid shall have the amount clearly and legibly written in ink or typed on the prepared Bid Form.
2. Bids shall include whole numbers only, no cents will be accepted.
3. Bids shall not be withdrawn for a period of ninety (90) calendar days after the receipt of Bids, without the consent of the Owner and Construction Manager.
4. Bid Alternates shall be good for a period of one hundred eighty (180) calendar days after receipt of Bids, without the consent of the Owner and Construction Manager.
5. The Construction Manager / Owner reserve the right to reject any and all Bids and waive any informality in the bidding.
6. Bidders shall also be prepared to submit a Bid Breakdown including, but not limited to, labor, materials, Sub-subcontractors, overhead, profit, etc. if/when required.
7. Taxes, Permits, and Inspections:
  - a. Indiana State Gross Retail and Use Tax: All Bids shall be submitted without inclusion in the bid price for the amounts, if any, of Gross Retail and Use Tax (generally called the "Sales Tax").
  - b. Permits: See Specification Section 00 24 00 – Scopes of Bid for which permits will be provided by the Owner / Construction Manager and which shall be included in the Subcontractor's scope of work and pricing.
  - c. Construction Schedule: Each entity submitting a Bid, unless exception is taken in writing, indicates it can and will have its own worker, Subcontractors, materials, and equipment available to keep its Work on or ahead of the Preliminary Construction Schedule. Refer Section 00 31 13 Preliminary Schedule for further schedule requirements.

**1.07 SUBCONTRACTOR MATERIAL / SUPPLIER LIST**

1. The Subcontractor Material and Supplier List will be due within 24 hours after the receipt of the Bid.

**1.08 SUBSTITUTIONS**

**SECTION 00 21 13**  
**INSTRUCTIONS TO BIDDERS**

It shall be the Bidder's responsibility to meet the listed requirements if he intends to utilize any of the Acceptable Manufacturers in lieu of the Reference Standard.

1. The description or naming of materials, products and equipment in the bidding documents is done for the purpose of establishing the Reference Standard of required function, dimension, appearance, and quality, and not for the purpose of limiting competition.
  - a. Refer to Section 00 43 25, Substitution Request Form, for form to be used to request substitutions and approvals.

1.09 E-VERIFY

1. The Contractor and subcontractors shall fully comply with all the E-Verify requirements set forth in Ind. Code 22-5-1.7. <https://www.uscis.gov/e-verify>

1.10 SAFETY

1. Safety: All Contractors shall comply with OSHA and IOSHA rules and regulations regarding Safety for this project and All contractors shall abide by the 2020 Hagerman Safety manual. The safety manual can be found accessible at [www.thehagermangroup.com](http://www.thehagermangroup.com) using password "safety."

1.11 TAXES, PERMITS, INSPECTIONS

1. Taxes, Permits, Inspections: All Bids shall be submitted without inclusion in the bid price for the amounts, if any, of Indiana State Gross Retail and Use Tax (generally called the "Sales Tax") for materials and properties that are to be purchased by the Bidder that will become a permanent part of the Project. Owner will provide a tax-exempt form.

END OF SECTION



# Work Bid Schedule Revised 8-16-24 Construction Schedule

Line	Activity ID	Activity Name	Duration	Remaining Duration	Early Start	Early Finish	2024												2025												2026			
							May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April				
1		<b>WWS NMS Bid Package 02 Building Concrete and Steel Work Bid Schedule Revised 8-16-24</b>	<b>65ew 4.38ed</b>	<b>65ew 4.38ed</b>	<b>5/20/2024</b>	<b>8/22/2025</b>																												
2	012	<b>Project Milestones</b>	<b>321d</b>	<b>321d</b>	<b>5/20/2024</b>	<b>8/22/2025</b>																												
3	1650	Start Project	0d		8/26/2024	8/26/2024																												
4	1670	Mobilize to Site	0d		8/26/2024	8/26/2024																												
5	1680	Main Building Pad Complete	0d		11/19/2024	11/19/2024																												
6	1690	Building Structural Foundation Starts	0d		11/20/2024	11/20/2024																												
7	4150	Building Structural Foundation Finish	0d		5/9/2025	5/9/2025																												
8	4151	Pour Slabs Start	0d		4/8/2025	4/8/2025																												
9	4790	Pour Slabs Finish	0d		8/5/2025	8/5/2025																												
10	1700	Erect Structural Steel Starts	0d		3/7/2025	3/7/2025																												
11	1710	Erect Structural Steel Finish	0d		8/22/2025	8/22/2025																												
12	1671	Certificate of Occupancy 5/3/27	0d		5/20/2024	5/20/2024																												
13	3880	Certificate of Substantial Completion 5/3/27	0d		5/20/2024	5/20/2024																												
14	022	Finish Project 5/3/27	0d		5/20/2024	5/20/2024																												
15	4160	<b>Bid Period BP1 BI01 Earthwork &amp; Site Utilities</b>	<b>300d</b>	<b>300d</b>	<b>5/20/2024</b>	<b>7/24/2025</b>																												
16	4180	100% Final Construction Drawings and Specifications for Bid Package #01	0d		5/20/2024	5/20/2024																												
17	4170	Hagerman Scoping, Schedule, Phasing Schedule, and Project Contract Manual Preparation	10d	10d	5/20/2024	6/3/2024																												
18	4190	Project Out for Public Bid	0d		6/3/2024	6/3/2024																												
19	4200	Addenda 01	0d		6/7/2024	6/7/2024																												
20	4210	Hamilton County Times Bid Advertisement #1	0d		6/5/2024	6/5/2024																												
21	4220	Hamilton County Reporter Bid Advertisement #1	0d		6/10/2024	6/10/2024																												

Symbols  
 Critical  
 Start After  
 Start On

Milestone Appearances  
 Start Milestone











# Work Bid Schedule Revised

## 8-16-24

### Construction Schedule

Line	Activity ID	Activity Name	Duration	Remaining Duration	Early Start	Early Finish	2024												2025												2026											
							May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April												
84	3820	Install North Parking Lot to Subgrade	5d	5d	1/8/2025	1/14/2025													Install North Parking Lot to Subgrade																							
85	3830	Install South Parking Lot to Subgrade	5d	5d	1/15/2025	1/21/2025													Install South Parking Lot to Subgrade																							
86	3831	Winter Weather Work	40d	40d	1/22/2025	3/18/2025													Winter Weather Work																							
87	3850	Install Football and Track & Field to Subgrade	25d	25d	3/19/2025	4/22/2025													Install Football and Track & Field to Subgrade																							
88	3840	Install (8) Tennis Courts to Subgrade	10d	10d	4/23/2025	5/6/2025													Install (8) Tennis Courts to Subgrade																							
89	3860	Install Softball Field to Subgrade	15d	15d	5/7/2025	5/27/2025													Install Softball Field to Subgrade																							
90	3870	Install Baseball Field to Subgrade	15d	15d	5/28/2025	6/17/2025													Install Baseball Field to Subgrade																							
91	3790	BP1 BI01 Storm Utilities	129d	129d	5/20/2024	11/19/2024	BP1 BI01 Storm Utilities																																			
92	3700	Engineering, Fabrication, and Procurement of Storm Utilities	35d	35d	5/20/2024	7/9/2024	Engineering, Fabrication, and Procurement of Storm Utilities																																			
93	3710	Install Early Storm Utilities at Dry Detention Pond for Initial Site Drainage	20d	20d	7/10/2024	8/6/2024	Install Early Storm Utilities at Dry Detention Pond for Initial Site Drainage																																			
94	3810	Install Storm Utilities	74d	74d	8/7/2024	11/19/2024	Install Storm Utilities																																			
95	3780	BP1 BI01 Water Utilities	77d	77d	5/20/2024	9/6/2024	BP1 BI01 Water Utilities																																			
96	3690	Engineering, Fabrication, and Procurement of Water Utilities	55d	55d	5/20/2024	8/6/2024	Engineering, Fabrication, and Procurement of Water Utilities																																			
97	3572	Install Water Utilities North Loop	10d	10d	8/7/2024	8/20/2024	Install Water Utilities North Loop																																			
98	3573	Install Water Utilities South & East Loop	10d	10d	8/21/2024	9/4/2024	Install Water Utilities South & East Loop																																			
99	3581	Water Utilities Tie In PVC Pressure Connection (Hot Tap) to 20" WATER MAIN BY OTHERS NW of Tennis Courts	2d	2d	9/5/2024	9/6/2024	Water Utilities Tie In PVC Pressure Connection (Hot Tap) to 20" WATER MAIN BY OTHERS NW of Tennis Courts																																			
100	3591	BP1 BI01 Sanitary Utilities	109d	109d	5/20/2024	10/22/2024	BP1 BI01 Sanitary Utilities																																			
101	3601	Engineering, Fabrication, and Procurement of Sanitary Utilities	55d	55d	5/20/2024	8/6/2024	Engineering, Fabrication, and Procurement of Sanitary Utilities																																			
102	2201	Install (S2) Grease Interceptor & (S4) Sample Structure at Unit F Loading Dock	10d	10d	8/7/2024	8/20/2024	Install (S2) Grease Interceptor & (S4) Sample Structure at Unit F Loading Dock																																			
103	3500	Install (3) Sanitary Laterals to Sanitary Main	15d	15d	8/21/2024	9/11/2024	Install (3) Sanitary Laterals to Sanitary Main																																			
104	3501	Install Sanitary Structure #605	5d	5d	9/12/2024	9/18/2024	Install Sanitary Structure #605																																			
105	3720	Install 368' of 8" SDR-35 PVC from #605 to #604 Lateral from Unit G	5d	5d	9/19/2024	9/25/2024	Install 368' of 8" SDR-35 PVC from #605 to #604 Lateral from Unit G																																			

**Symbols**

Critical     Start After     Start On

**Milestone Appearances**

◆ Start Milestone

Author: Joel Fleming  
Run Date: 5/20/2024  
Page: 5

Start Date: 5/20/2024  
Finish Date: 8/22/2025  
Data Date: 8/16/2024

Summary Task     Task

Hammock Task     Progressed Task     Buffer Task

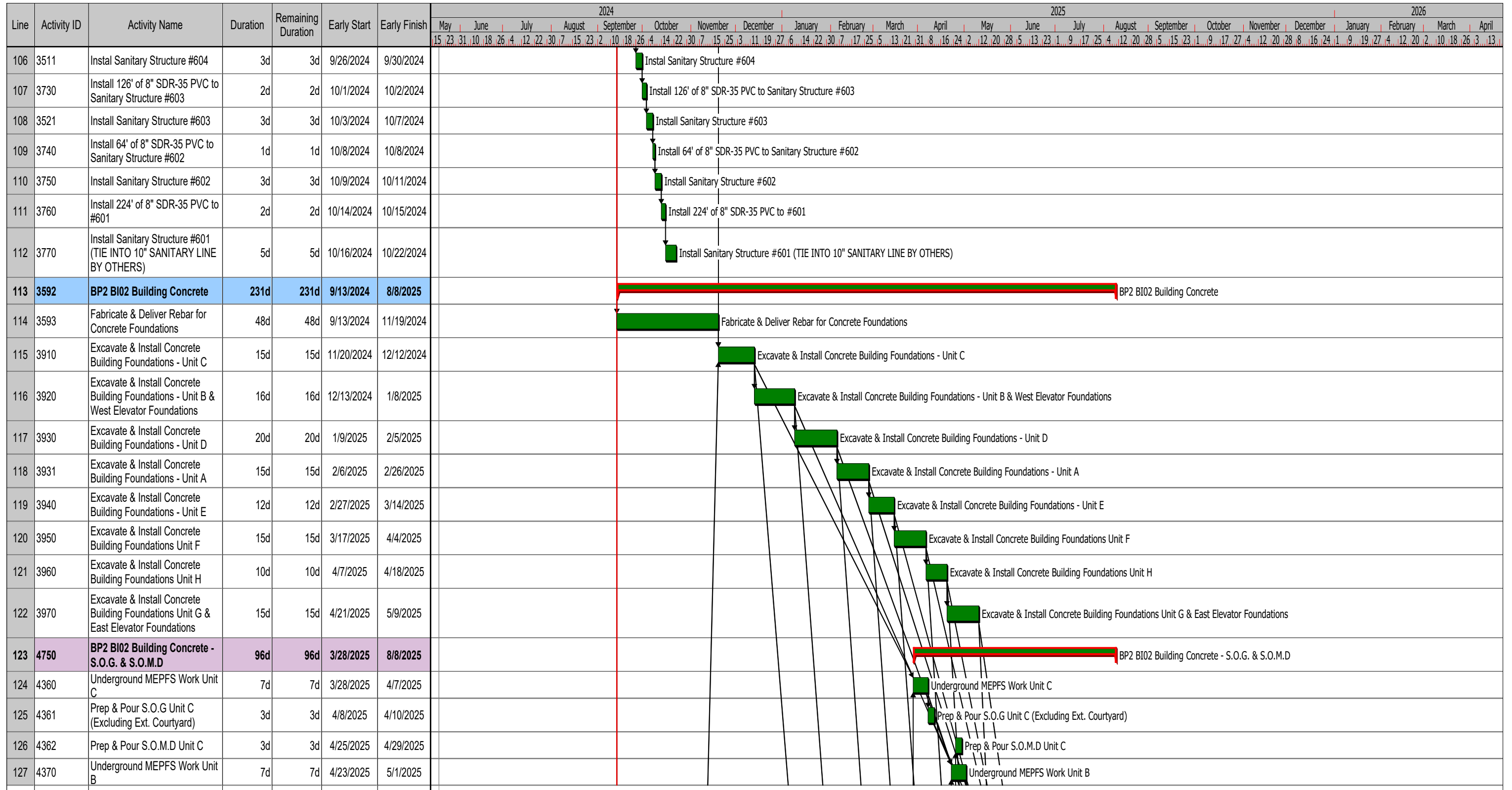
Expanded Task     Critical Task    ◆ Milestone



# Work Bid Schedule Revised

## 8-16-24

### Construction Schedule



Symbols

Critical    Start After    Start On

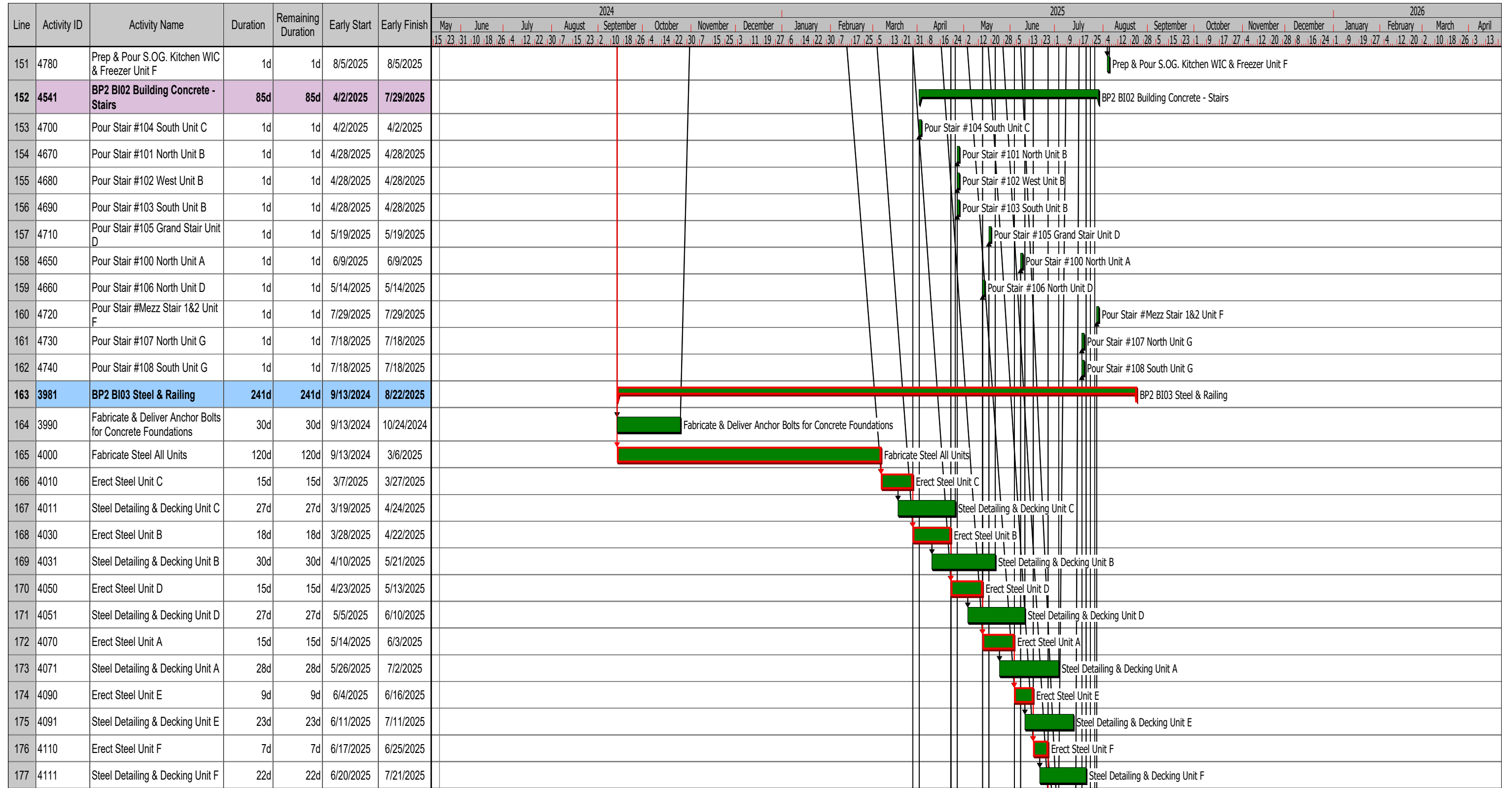
Milestone Appearances

Start Milestone





# Work Bid Schedule Revised 8-16-24 Construction Schedule



Symbols  
Critical (red bar) Start After (green bar with blue triangle) Start On (green bar with green triangle)  
Milestone Appearances  
Start Milestone (diamond with red border)

Summary Task (green bar with bracket)  
Task (green bar)  
Hammock Task (green bar with bracket)  
Progressed Task (blue bar)  
Expanded Task (green bar with bracket)  
Critical Task (red bar)  
Buffer Task (green bar with blue triangle)  
Milestone (diamond)



SECTION 05 55 16 – STAIR NOSINGS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. Section Includes:
  - 1. Stair nosing.

1.03 ACTION SUBMITTALS

- A. Product Data: For the following:
  - 1. Abrasive nosings.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
- C. Samples for Initial Selection: For products involving selection of color, texture, or design.
- D. Samples for Verification: For the following products, in manufacturer's standard sizes:
  - 1. Abrasive nosings.

1.04 INFORMATIONAL SUBMITTALS

- A. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: Arrange for stair nosings specified in this Section to be installed by firm with minimum of 5 years' experience and acceptable to manufacturer.

1.06 COORDINATION

- A. Coordinate installation of stair nosings with carpet tile installation for a complete and professional installation.

PART 2 - PRODUCTS

2.01 ABRASIVE NOSINGS

- A. Cast-Metal Units: Cast aluminum, with an integral abrasive, as-cast finish consisting of aluminum oxide, silicon carbide, or a combination of both. Fabricate units in lengths necessary to accurately fit openings or conditions.

1. Basis of Design: Subject to compliance with requirements, provide Amstep Model 231A or comparable products by one of the following:
    - a. American Safety Tread Co., Inc.
    - b. Amstep Products
    - c. Balco Inc.
    - d. Nystrom Building Products.
    - e. Wooster Products Inc.
  2. Configuration: 3 inches wide, lip 1-1/8 inch from underside. Tread 1/4 inch thick; lip design to provide close fit.
  3. Length: Match length of stair tread, minus 1/8 inch maximum allowance for ease of installation.
  4. Abrasive Filler: Aluminum oxide and silicon granules in an epoxy resin and hardener mixture and locked into channels in an extruded aluminum base, alloy 6063-T6.
  5. Coefficient of friction 1.02 dry, 0.98 wet per ASTM F 609.
  6. Abrasive filler color as selected by Architect.
- B. Adhesive: As recommended by manufacturer for substrate.

## 2.02 ANCHORS

- A. General: Provide 1/4 by 1-3/4 inch, Tapcon 410, stainless steel Philips flat head concrete anchors or as approved by nosing manufacturer. Select anchors for type, grade, and class required.

## PART 3 - EXECUTION

### 3.01 INSTALLATION

- A. Comply with stair nosing manufacturer written installation instructions.
- B. Clean concrete bearing surfaces of bond-reducing materials. Clean bottom surface of plates.
- C. Apply adhesive to back of nosing in accordance with manufacturer's written installation instructions.
- D. Fastening to In-Place Construction: Provide anchorage devices and anchors where necessary for securing nosings to in-place construction.
  1. Pre-drill pilot holes as recommended by manufacturer.
  2. Secure nosing to concrete stair tread with manufacturer approved anchors.
- E. Cutting, Fitting, and Placement: Stair nosings to be fabricated to required lengths. Field cutting not recommended due to factory drilled anchor hole locations and impact on proper installation of nosing.

END OF SECTION



MATCH LINE: REFER TO L101

MATCH LINE: REFER TO L103

MATCH LINE: REFER TO L101

MATCH LINE: REFER TO L103

MATCH LINE: REFER TO L106

ALTERNATE:  
 (5) Tennis Courts, Refer to  
 L304-305 Series, Athletic Plans  
 ALTERNATE:  
 (8) Tennis Courts, Refer to  
 L304-305 Series, Athletic Plans

Athletic Storage Building,  
 Refer to Sheet A330

Football and  
 Track & Field  
 Refer to Sheet L306

Football Bleacher (Refer to Specification 13 34 30)  
 with Press Box (Refer to Specification 13 12 36)

Westfield Centennial  
 Middle School

KEY	DESCRIPTION / REFERENCE
(C)	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
(S)	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
(G)	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
(M)	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

KEY	DESCRIPTION / REFERENCE
(C01)	CURB, POST REFER TO SITE DETAIL 7L500
(C02)	CURB, INTEGRAL REFER TO SITE DETAIL 8L500
(C03)	CURB, FLUSH REFER TO SITE DETAIL 8L500
(C04)	CURB AND CUTTER REFER TO SITE DETAIL 9L500
(C05)	WHEEL STOP REFER TO SITE DETAIL 8L501

KEY	DESCRIPTION / REFERENCE
(F01)	BIKE RACK INSTALLATION REFER TO DETAIL 11L501 AND SPECIFICATION 12 93 02
(F02)	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
(F03)	BENCHES REFER TO SPECIFICATION 12 93 00
(F04)	FLAGPOLE REFER TO DETAIL 12L501 & SPECIFICATION 12 93 00
(F05)	4" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10L501 AND SPECIFICATION 05 50 01

KEY	DESCRIPTION / REFERENCE
(G01)	8" FT. CHAIN-LINK FENCE, GROUNDING, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
(G02)	DOUBLE LEAF SWING GATE, 8" FT. OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
(G03)	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
(G04)	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 12" FT. OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
(G05)	BRIDGE OVER SWING GATE, 10" FT. OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
(G06)	ENTRY GATE, REFER TO SHEET A333
(G07)	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

KEY	DESCRIPTION / REFERENCE
(P01)	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 4L500 AND SPECIFICATION 32 12 16
(P02)	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2L500 AND SPECIFICATION 32 12 16
(P03)	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3L500 AND SPECIFICATION 32 13 16
(P04)	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4L500 AND SPECIFICATION 32 13 16
(P05)	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4L500 AND SPECIFICATION 32 13 17
(P06)	SHOT PUT PIT, REFER TO DETAIL 8L513

KEY	DESCRIPTION / REFERENCE
(R01)	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2L501
(R02)	PARALLEL CURB RAMP REFER TO SITE DETAIL 3L501
(R03)	STRAIGHT RAMP REFER TO SITE DETAIL 1L501
(R04)	GUARDRAIL, REFER TO DETAIL 10L500
(R05)	WOODEN RAMP (REFER TO SHEET L306) REFER TO DETAIL 1 & 3L502, REFER TO ARCHITECTURAL SHEETS FOR CHECK WALL
(R06)	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6L502
(R07)	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5L502

KEY	DESCRIPTION / REFERENCE
(S01)	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7L501
(S02)	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6L501
(S03)	STOP SIGN REFER TO SITE DETAIL 9L501
(S04)	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9L501
(S05)	BUS ONLY REFER TO SITE DETAIL 9L501

KEY	DESCRIPTION / REFERENCE
(W01)	RETAINING WALL REFER TO DETAIL 2L502

KEY	DESCRIPTION / REFERENCE
(PA)	PLANTED AREA



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PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST  
 BID DOCUMENTS**  
 17707 CENTENNIAL RD., WESTFIELD, IN 48074

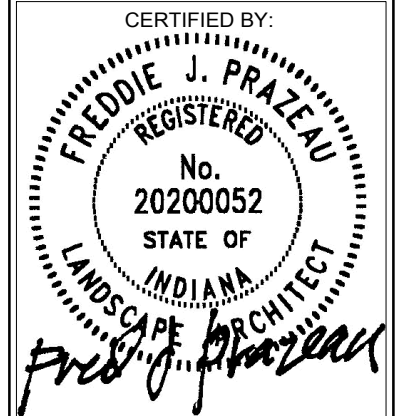
SCOPE DRAWINGS:  
 These drawings indicate the general scope of the project  
 in terms of architectural design concept, the dimensions of  
 the building, the major structural elements and the type  
 of materials to be used. The drawings do not necessarily indicate all details  
 and are not intended to be used for construction without the aid of  
 the contractor's shop drawings and specifications.  
 On the basis of the general scope indicated or described  
 the contractor shall verify all dimensions and conditions for the  
 proper execution and completion of the work.

REVISIONS:

1	Addendum 1	2024/06/07
2	TAC Response	2024/06/27
3	Addendum 5	2024/08/09
4	Addendum 6	2024/08/16

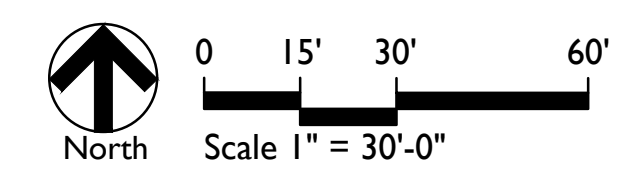
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07/26/2024	SS	FP

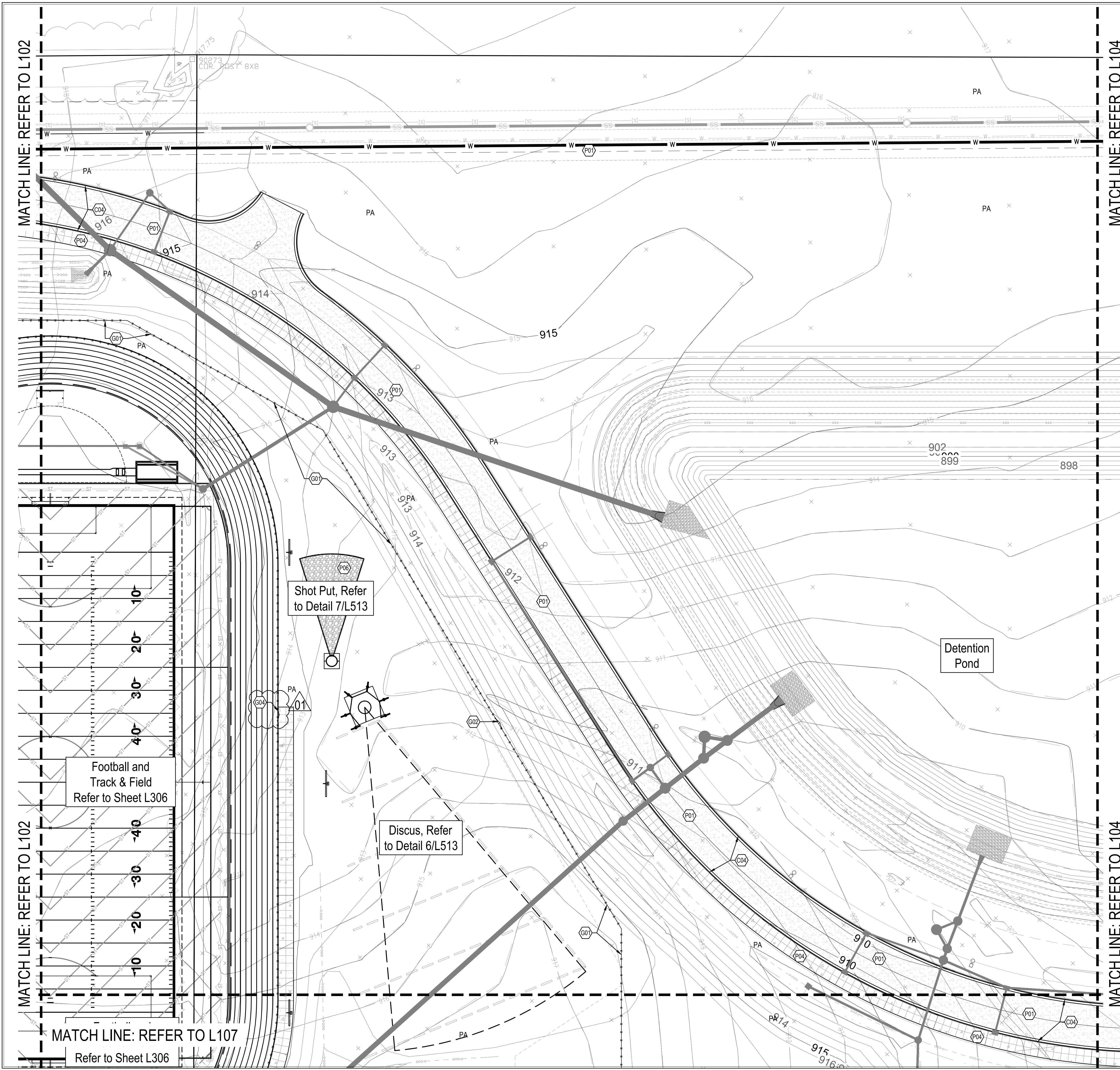
DRAWING TITLE:  
**MATERIALS &  
 NOTES**



DRAWING NUMBER  
**L102**

PROJECT NUMBER  
**2023016**





REFERENCE KEYNOTES	
KEY	DESCRIPTION / REFERENCE
(A)	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
(S)	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
(G)	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
(M)	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

CURBS	
KEY	DESCRIPTION / REFERENCE
(C01)	CURB, POST REFER TO SITE DETAIL 7L500
(C02)	CURB, INTEGRAL REFER TO SITE DETAIL 8L500
(C03)	CURB, FLUSH REFER TO SITE DETAIL 6L500
(C04)	CURB AND CUTTER REFER TO SITE DETAIL 9L500
(C05)	WHEEL STOP REFER TO SITE DETAIL 8L501

FURNISHINGS	
KEY	DESCRIPTION / REFERENCE
(F01)	BIKE RACK INSTALLATION REFER TO DETAIL 11L501 AND SPECIFICATION 12 93 02
(F02)	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
(F03)	BENCHES REFER TO SPECIFICATION 12 93 00
(F04)	FLAGPOLE REFER TO DETAIL 12L501 & SPECIFICATION 12 93 00
(F05)	4" DIA STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10L501 AND SPECIFICATION 05 50 01

GATES & FENCING	
KEY	DESCRIPTION / REFERENCE
(G01)	6" OF NET CHAIN LINK FENCE, GROUNDING, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
(G02)	DOUBLE LEAF SWING GATE, 8" OF OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
(G03)	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
(G04)	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 12'-0" OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
(G05)	DOUBLE LEAF SWING GATE, 8" OF OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
(G06)	ENTRY GATE, REFER TO SHEET A333
(G07)	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

PAVEMENT	
KEY	DESCRIPTION / REFERENCE
(P01)	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1L500 AND SPECIFICATION 32 12 16
(P02)	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2L500 AND SPECIFICATION 32 12 16
(P03)	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 4 & 4L500 AND SPECIFICATION 32 13 16
(P04)	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 4L500 AND SPECIFICATION 32 13 16
(P05)	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 4L500 SPECIFICATION 32 13 17
(P06)	SHOT PUT PIT, REFER TO DETAIL 8L513

RAMPS & STAIRS	
KEY	DESCRIPTION / REFERENCE
(R01)	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2L501
(R02)	PARALLEL CURB RAMP REFER TO SITE DETAIL 3L501
(R03)	STRAIGHT RAMP REFER TO SITE DETAIL 1L501
(R04)	GUARDRAIL, REFER TO DETAIL 10L500
(R05)	MONUMENTAL WALL WITH FINISHED TOP, REFER TO DETAIL 1 & 3L502, REFER TO ARCHITECTURAL SHEETS FOR CHECK WALL
(R06)	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6L502
(R07)	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5L502

SIGNAGE	
KEY	DESCRIPTION / REFERENCE
(S01)	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7L501
(S02)	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6L501
(S03)	STOP SIGN REFER TO SITE DETAIL 9L501
(S04)	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9L501
(S05)	BUS ONLY REFER TO SITE DETAIL 9L501

WALLS	
KEY	DESCRIPTION / REFERENCE
(W01)	RETAINING WALL REFER TO DETAIL 2L502

PLANTING	
KEY	DESCRIPTION / REFERENCE
(PA)	PLANTED AREA



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PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS**  
17707 CENTENNIAL RD., WESTFIELD, IN 48074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project as shown on the architectural design concept. The dimensions of the building, the major structural elements and the type of work required for full performance and completion of the project are not shown. On the basis of the general scope indicated or described, the contractor shall verify all dimensions and conditions for the proper execution and completion of the work.

REVISIONS:  
1 Addendum 6 2024/08/16

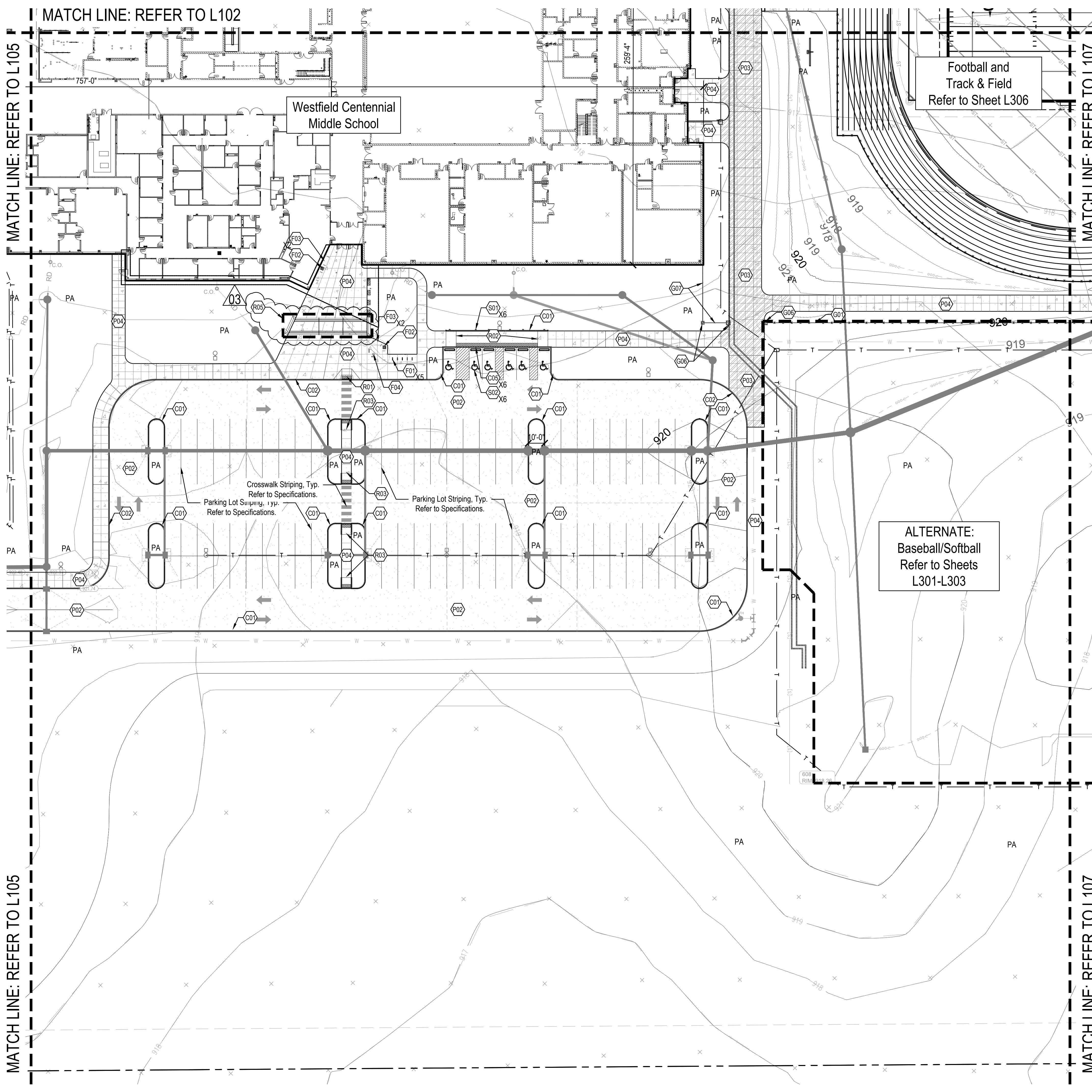
ISSUE DATE: 07/26/2024  
DRAWN BY: SS  
CHECKED BY: FP

DRAWING TITLE:  
**MATERIALS & NOTES**

CERTIFIED BY:  
**FREDIE J. PRZELAN**  
REGISTERED  
No. 20200052  
STATE OF INDIANA  
LANDSCAPE ARCHITECT  
*Fred J. Przelan*

DRAWING NUMBER:  
**L103**

PROJECT NUMBER:  
**2023016**



KEY	REFERENCE KEYNOTES
	DESCRIPTION / REFERENCE
(A)	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
(C)	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
(G)	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
(M)	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

KEY	CURBS
	DESCRIPTION / REFERENCE
(C01)	CURB, POST REFER TO SITE DETAIL 71.500
(C02)	CURB, INTEGRAL REFER TO SITE DETAIL 81.500
(C03)	CURB, FLUSH REFER TO SITE DETAIL 61.500
(C04)	CURB AND CUTTER REFER TO SITE DETAIL 91.500
(C05)	WHEEL STOP REFER TO SITE DETAIL 81.501

KEY	FURNISHINGS
	DESCRIPTION / REFERENCE
(F01)	BIKE RACK INSTALLATION REFER TO DETAIL 111.501 AND SPECIFICATION 12 93 02
(F02)	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
(F03)	BENCHES REFER TO SPECIFICATION 12 93 00
(F04)	FLAGPOLE REFER TO DETAIL 121.501 & SPECIFICATION 12 93 00
(F05)	4" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 101.501 AND SPECIFICATION 05 50 01

KEY	GATES & FENCING
	DESCRIPTION / REFERENCE
(G01)	6" FT. CHAIN LINK FENCE, GROUNDING, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
(G02)	DOUBLE LEAF SWING GATE, 8'-0" OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
(G03)	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
(G04)	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 12'-0" OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
(G05)	SINGLE LEAF SWING GATE, 6'-0" OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
(G06)	ENTRY GATE, REFER TO SHEET A333
(G07)	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

KEY	PAVEMENT
	DESCRIPTION / REFERENCE
(P01)	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 11.500 AND SPECIFICATION 32 12 16
(P02)	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 21.500 AND SPECIFICATION 32 12 16
(P03)	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 34 51.500 AND SPECIFICATION 32 13 16
(P04)	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 51.500 AND SPECIFICATION 32 13 16
(P05)	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 51.500 SPECIFICATION 32 13 17
(P06)	SHOT PUT PIT, REFER TO DETAIL 81.513

KEY	RAMP & STAIRS
	DESCRIPTION / REFERENCE
(R01)	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 21.501
(R02)	PARALLEL CURB RAMP REFER TO SITE DETAIL 31.501
(R03)	STRAIGHT RAMP REFER TO SITE DETAIL 11.501
(R04)	GUARDRAIL, REFER TO DETAIL 101.500
(R05)	MINIMUM RISE AT CURB WITH RETAINING WALL, REFER TO DETAIL 1 & 31.502, REFER TO ARCHITECTURAL SHEETS FOR CHECK WALL
(R06)	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 61.502
(R07)	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-51.502

KEY	SIGNAGE
	DESCRIPTION / REFERENCE
(S01)	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 71.501
(S02)	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 61.501
(S03)	STOP SIGN REFER TO SITE DETAIL 91.501
(S04)	PEDESTRIAN CROSSING REFER TO SITE DETAIL 91.501
(S05)	BUS ONLY REFER TO SITE DETAIL 91.501

KEY	WALLS
	DESCRIPTION / REFERENCE
(W01)	RETAINING WALL REFER TO DETAIL 21.502

KEY	PLANTING
	DESCRIPTION / REFERENCE
(PA)	PLANTED AREA



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PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS**  
17707 CENTENNIAL RD., WESTFIELD, IN 48074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project as shown on the architectural design concept. The dimensions of the building, the major structural elements and the type of materials, finishes and fixtures are shown. 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 submit all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 1	2024/06/07
2	TAC Response	2024/06/27
3	Addendum 5	2024/08/09
	Addendum 6	2024/08/16

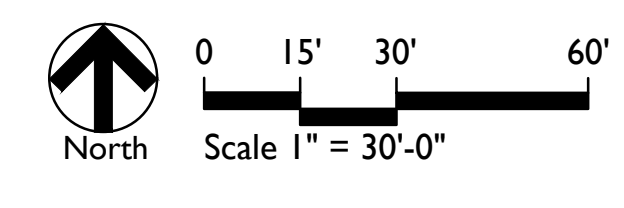
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07/26/2024	SS	FP

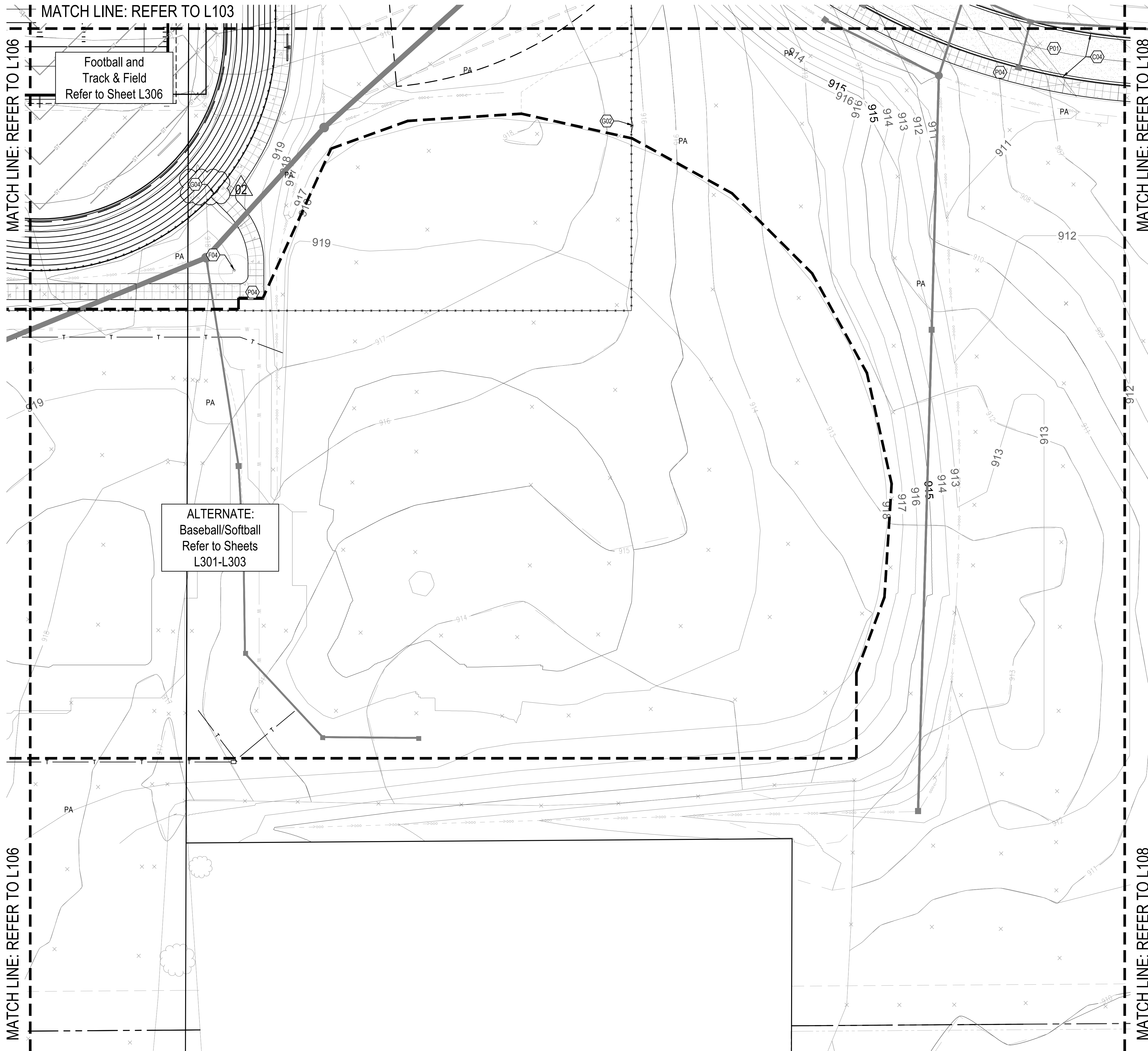
DRAWING TITLE:  
**MATERIALS & NOTES**

CERTIFIED BY:  
**FREDIE J. PRZELAN**  
REGISTERED  
No. 20200052  
STATE OF INDIANA  
LANDSCAPE ARCHITECT  
*Fredie J. Przelan*

DRAWING NUMBER  
**L106**

PROJECT NUMBER  
**2023016**





Football and  
Track & Field  
Refer to Sheet L306

ALTERNATE:  
Baseball/Softball  
Refer to Sheets  
L301-L303

REFERENCE KEYNOTES	
KEY	DESCRIPTION / REFERENCE
(A)	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
(C)	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
(G)	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
(M)	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

CURBS	
KEY	DESCRIPTION / REFERENCE
(C01)	CURB, POST REFER TO SITE DETAIL 7L500
(C02)	CURB, INTEGRAL REFER TO SITE DETAIL 8L500
(C03)	CURB, FLUSH REFER TO SITE DETAIL 6L500
(C04)	CURB AND CUTTER REFER TO SITE DETAIL 9L500
(C05)	WHEEL STOP REFER TO SITE DETAIL 8L501

FURNISHINGS	
KEY	DESCRIPTION / REFERENCE
(F01)	BIKE RACK INSTALLATION REFER TO DETAIL 11L501 AND SPECIFICATION 12 93 02
(F02)	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
(F03)	BENCHES REFER TO SPECIFICATION 12 93 00
(F04)	FLAGPOLE REFER TO DETAIL 12L501 & SPECIFICATION 12 93 00
(F05)	8" DIA STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10L501 AND SPECIFICATION 05 50 01

GATES & FENCING	
KEY	DESCRIPTION / REFERENCE
(G01)	6" FT NET CHAIN LINK FENCE, GROUNDING, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
(G02)	DOUBLE LEAF SWING GATE, 8" FT OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
(G03)	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
(G04)	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 12" FT OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
(G05)	BRIDGE GATE WITH TIE-BACK POSTS, 12" FT OPENING, GROUNDING, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
(G06)	ENTRY GATE, REFER TO SHEET A333
(G07)	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

PAVEMENT	
KEY	DESCRIPTION / REFERENCE
(P01)	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1L500 AND SPECIFICATION 32 12 16
(P02)	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2L500 AND SPECIFICATION 32 12 16
(P03)	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3L500 AND SPECIFICATION 32 13 16
(P04)	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 5L500 AND SPECIFICATION 32 13 16
(P05)	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5L500 SPECIFICATION 32 13 17
(P06)	SHOT PUT PIT, REFER TO DETAIL 8L513

RAMPS & STAIRS	
KEY	DESCRIPTION / REFERENCE
(R01)	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2L501
(R02)	PARALLEL CURB RAMP REFER TO SITE DETAIL 3L501
(R03)	STRAIGHT RAMP REFER TO SITE DETAIL 1L501
(R04)	GUARDRAIL, REFER TO DETAIL 10L500
(R05)	MINIMUM RISE OF 1:12 WITH RETAINING WALL REFER TO DETAIL 1 & 3L502, REFER TO ARCHITECTURAL SHEETS FOR CHECK WALL
(R06)	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6L502
(R07)	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5L502

SIGNAGE	
KEY	DESCRIPTION / REFERENCE
(S01)	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7L501
(S02)	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6L501
(S03)	STOP SIGN REFER TO SITE DETAIL 9L501
(S04)	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9L501
(S05)	BUS ONLY REFER TO SITE DETAIL 9L501

WALLS	
KEY	DESCRIPTION / REFERENCE
(W01)	RETAINING WALL REFER TO DETAIL 2L502

PLANTING	
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA



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PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS**  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project as shown on the architectural design concept. The dimensions of the building, the major structural elements and the type of materials, finishes and fixtures are shown. The design is not necessarily indicative of the actual work required for full performance and completion of the project. On the basis of the general scope indicated or described, the contractor shall submit all items required for the proper execution and completion of the work.

REVISIONS:			
1	Addendum 1	2024/06/07	TAC Response 2024/06/27
2	Addendum 6	2024/08/16	

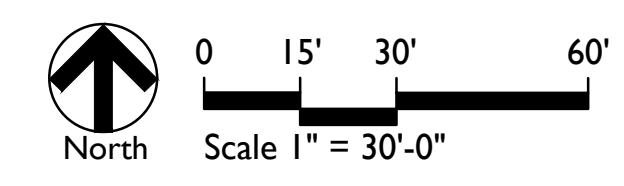
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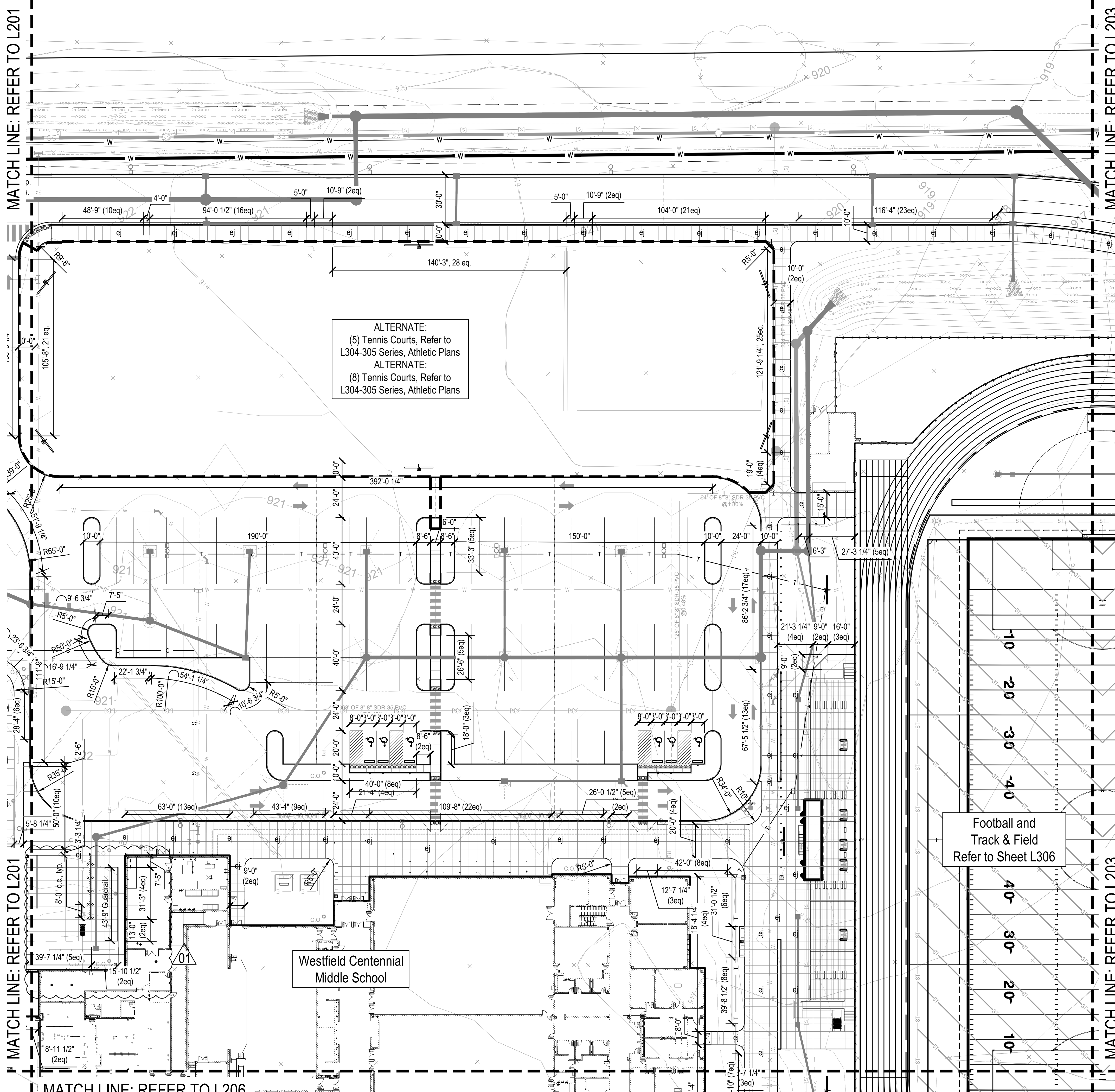
DRAWING TITLE:  
**MATERIALS & NOTES**

CERTIFIED BY:  
**FREDIE J. PRZELAN**  
REGISTERED  
No. 20200052  
STATE OF INDIANA  
LANDSCAPE ARCHITECT  
*Freddie J. Przelan*

DRAWING NUMBER  
**L107**

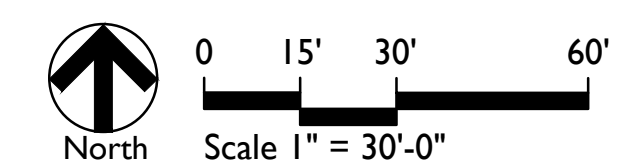
PROJECT NUMBER  
**2023016**





ALTERNATE:  
 (5) Tennis Courts, Refer to  
 L304-305 Series, Athletic Plans  
 ALTERNATE:  
 (8) Tennis Courts, Refer to  
 L304-305 Series, Athletic Plans

Football and  
 Track & Field  
 Refer to Sheet L306



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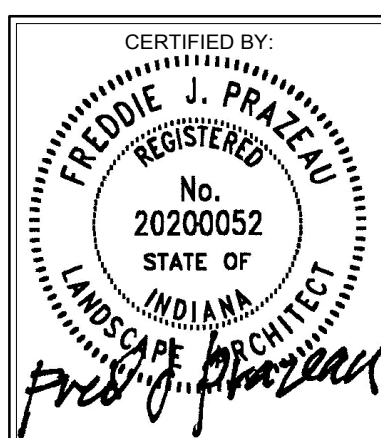
PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS**  
**WESTFIELD MIDDLE SCHOOL WEST**  
**BID DOCUMENTS**  
 17707 CENTENNIAL RD. WESTFIELD, IN 48074

SCOPE DRAWINGS:  
 These drawings indicate the general scope of the project as shown on the drawings. The contractor shall be responsible for the accuracy of the drawings. The contractor shall be responsible for the accuracy of the drawings. The contractor shall be responsible for the accuracy of the drawings.

REVISIONS:	DATE	BY
1	Addendum 6	2024/08/16

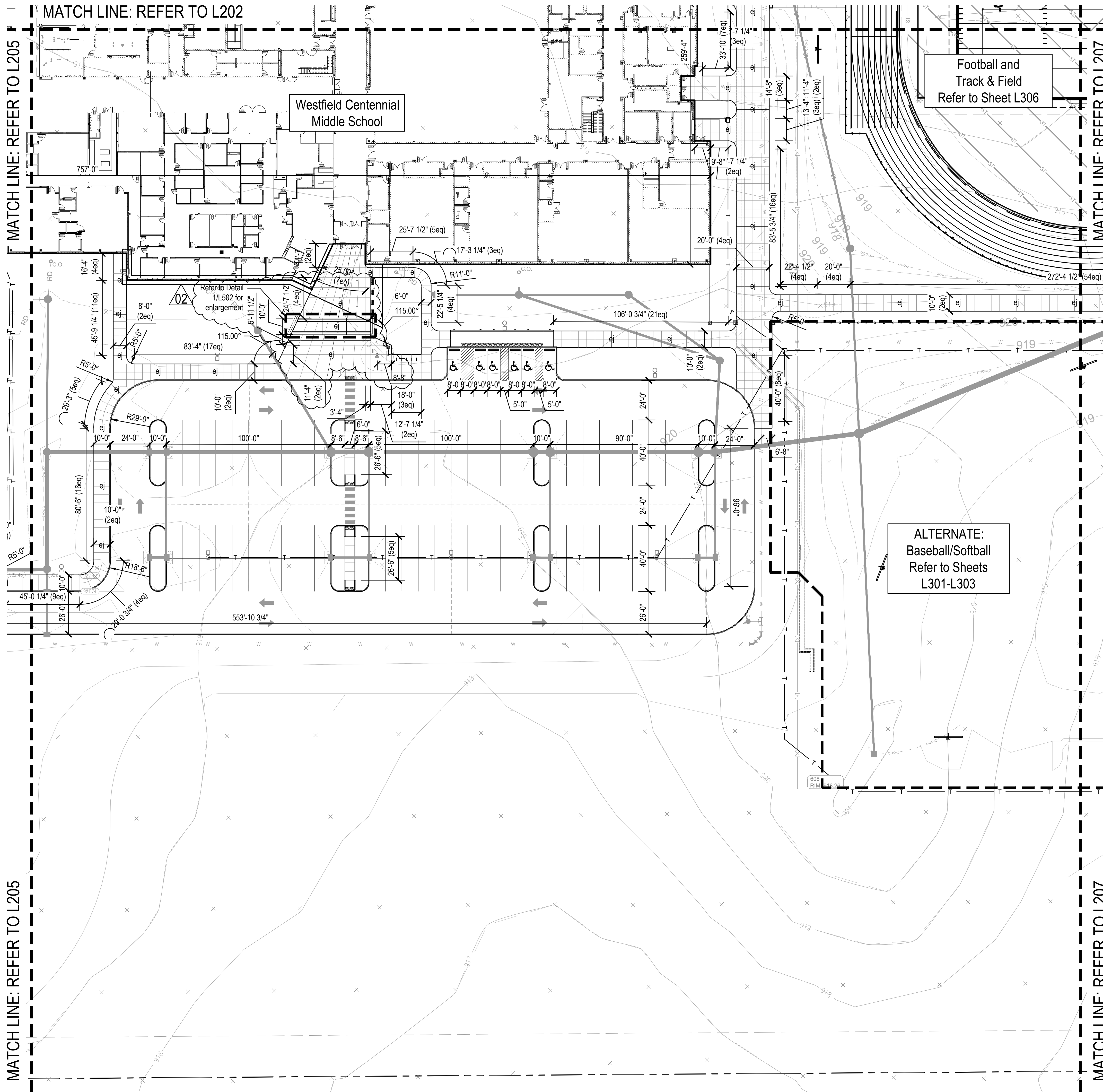
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:  
**LAYOUT PLAN**



DRAWING NUMBER:  
**L202**

PROJECT NUMBER:  
 2023016



MATCH LINE: REFER TO L205

MATCH LINE: REFER TO L205

MATCH LINE: REFER TO L207

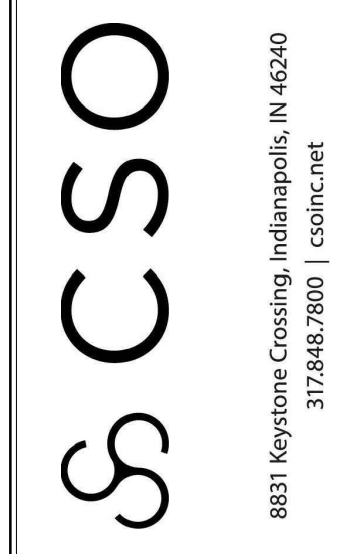
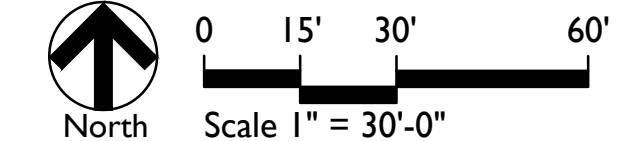
MATCH LINE: REFER TO L207

Football and Track & Field  
Refer to Sheet L306

ALTERNATE:  
Baseball/Softball  
Refer to Sheets  
L301-L303

02  
Refer to Detail  
1.L.502 for  
enlargement

Westfield Centennial  
Middle School



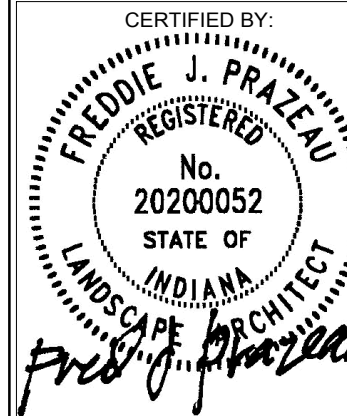
PROJECT:  
WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS  
17707 CENTENNIAL RD. WESTFIELD, IN 48074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project as shown on the architectural design concept, the dimensions of the building, the major structural elements and the type of materials to be used. 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 by these drawings, the contractor shall be responsible for the proper execution and completion of the work.

REVISIONS:	ADDENDUM	DATE
1	Addendum 5	2024/08/09
2	Addendum 6	2024/08/16

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:  
**LAYOUT  
PLAN**

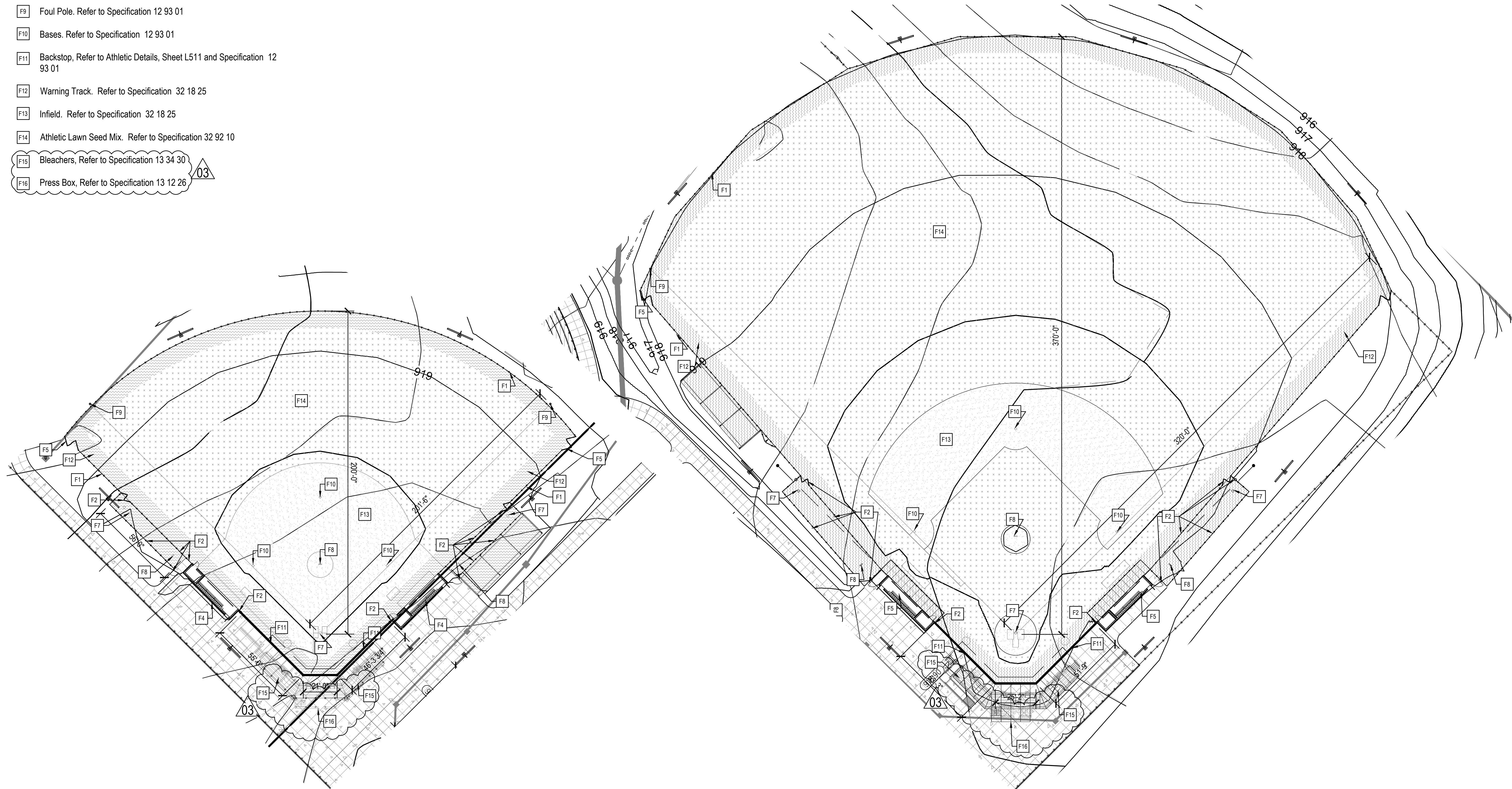


DRAWING NUMBER  
**L206**

PROJECT NUMBER  
2023016

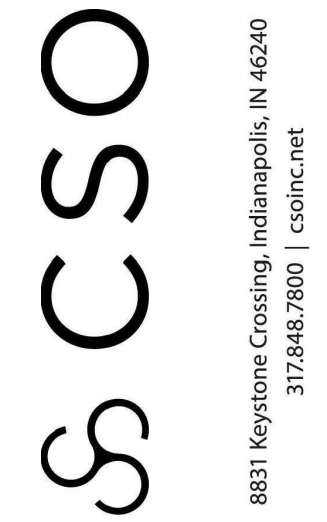
**BASEBALL & SOFTBALL FIELDS LEGEND**

- F1 6' Chain Link Fence and Gates. Refer to Specification 32 31 13
- F2 8' Chain Link Fence and Gates. Refer to Specification 32 31 13
- F3 Masonry Dugouts, Baseball. Refer to Sheet A332
- F4 Masonry Dugouts, Softball. Refer to Sheet A332
- F5 (2) 5' Wide Chain Link Gates. Refer to Specification 32 31 13
- F6 4' Wide Chain Link Gate. Refer to Specification 32 31 13
- F7 Home Plate and Batters Box. Refer to Athletic Details 1&3/L511 and to Specification 12 93 01.
- F8 Pitchers Mound and Bullpens, 10" height. Refer to Athletic Details 2 & 4/L511 and Specification 32 18 25
- F9 Foul Pole. Refer to Specification 12 93 01
- F10 Bases. Refer to Specification 12 93 01
- F11 Backstop, Refer to Athletic Details, Sheet L511 and Specification 12 93 01
- F12 Warning Track. Refer to Specification 32 18 25
- F13 Infield. Refer to Specification 32 18 25
- F14 Athletic Lawn Seed Mix. Refer to Specification 32 92 10
- F15 Bleachers, Refer to Specification 13 34 30
- F16 Press Box, Refer to Specification 13 12 26



○ PROTOTYPE - COMPETITION SOFTBALL FIELD - NATURAL GRASS  
Scale: 1" = 30'-0"

○ PROTOTYPE - COMPETITION BASEBALL FIELD - NATURAL GRASS  
Scale: 1" = 30'-0"



PROJECT:  
WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS  
17707 CENTENNIAL RD. WESTFIELD, IN 48074

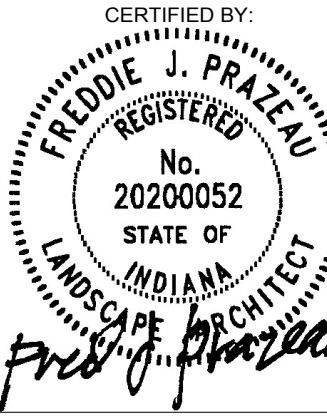
SCOPE DRAWINGS:  
These drawings indicate the general scope of the project as shown on the drawings. The contractor shall be responsible for the accuracy of the drawings. The contractor shall be responsible for the accuracy of the drawings. The contractor shall be responsible for the accuracy of the drawings.

REVISIONS:

1	Addendum 1	2024/06/07
T1	TAC Response	2024/06/27
2	Addendum 5	2024/08/09
3	Addendum 6	2024/08/16

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:  
**ENLARGED  
ATHLETIC  
PLANS**



DRAWING NUMBER  
**L303**

PROJECT NUMBER  
**2023016**

# TENNIS COURTS LEGEND

## F1.0 Fencing

- F1.1** Chain-Link Fencing, 10'-0" Ht., Black Vinyl Coated, Refer to Athletic Details 4-6/L513 and Specification 32 31 13
- F1.2** Chain-Link Fence Gate, 4'-0" Wide, Single Leaf, Match Adjacent Fencing Height, Refer to Specification 32 31 13

## F2.0 Furnishings

- F2.1** Tennis Posts and Netting, Refer to Athletic Detail 2/L513 and Specification 12 93 01

## P1.0 Pavement, Asphalt

- P1.1** Tennis Court Pavement, Refer to Athletic Details Sheet L512 and Specification 32 12 18

NOTE: Refer to Civil for Sub-Surface Drainage Requirements.

KEY	DESCRIPTION / REFERENCE
○	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
○	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
○	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
○	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

KEY	DESCRIPTION / REFERENCE
○	CURBS
○	CURB, POST REFER TO SITE DETAIL 7/L500
○	CURB, INTEGRAL REFER TO SITE DETAIL 8/L500
○	CURB, FLUSH REFER TO SITE DETAIL 6/L500
○	CURB AND GUTTER REFER TO SITE DETAIL 9/L500
○	WHEEL STOP REFER TO SITE DETAIL 8/L501

KEY	DESCRIPTION / REFERENCE
○	BIKE RACK INSTALLATION REFER TO DETAIL 11/L501 AND SPECIFICATION 12 93 00
○	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
○	BENCHES REFER TO SPECIFICATION 12 93 00
○	FLAGPOLE REFER TO DETAIL 12/L501 & SPECIFICATION 12 85 00
○	8" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10/L501 AND SPECIFICATION 05 92 01

KEY	DESCRIPTION / REFERENCE
○	6'-0" HT. CHAIN-LINK FENCE, GROUND, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
○	DOUBLE LEAF SWING GATE, 8'-0" OPENING, GROUND, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
○	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
○	DOUBLE LEAF GATE WITH THE BACK POSTS, 10'-0" OPENING, GROUND, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
○	SINGLE LEAF SWING GATE, 6'-0" OPENING, GROUND, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
○	ENTRY GATE, REFER TO SHEET A333
○	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

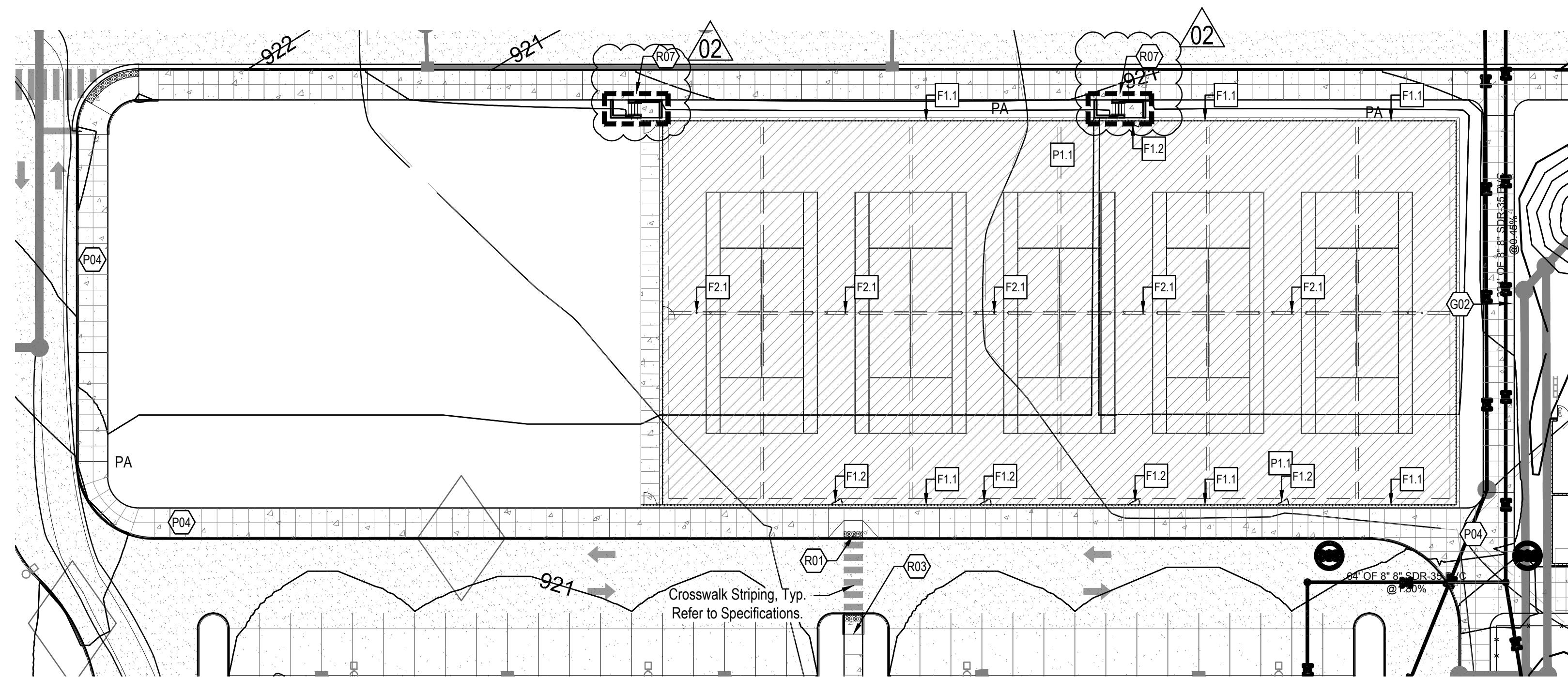
KEY	DESCRIPTION / REFERENCE
○	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1/L500 AND SPECIFICATION 32 12 16
○	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2/L500 AND SPECIFICATION 32 12 16
○	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3/L500 AND SPECIFICATION 32 13 16
○	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 5/L500 AND SPECIFICATION 32 13 16
○	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
○	SHOT PUT PIT, REFER TO DETAIL 8/L513

KEY	DESCRIPTION / REFERENCE
○	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2/L501
○	PARALLEL CURB RAMP REFER TO SITE DETAIL 3/L501
○	STRAIGHT RAMP REFER TO SITE DETAIL 1/L501
○	NOT USED
○	MAIN ENTRANCE STAIRS WITH HANDRAIL REFER TO DETAIL 1 & 3/L502; REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
○	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
○	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

KEY	DESCRIPTION / REFERENCE
○	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7/L501
○	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6/L501
○	STOP SIGN REFER TO SITE DETAIL 9/L501
○	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9/L501
○	BUS ONLY REFER TO SITE DETAIL 9/L501

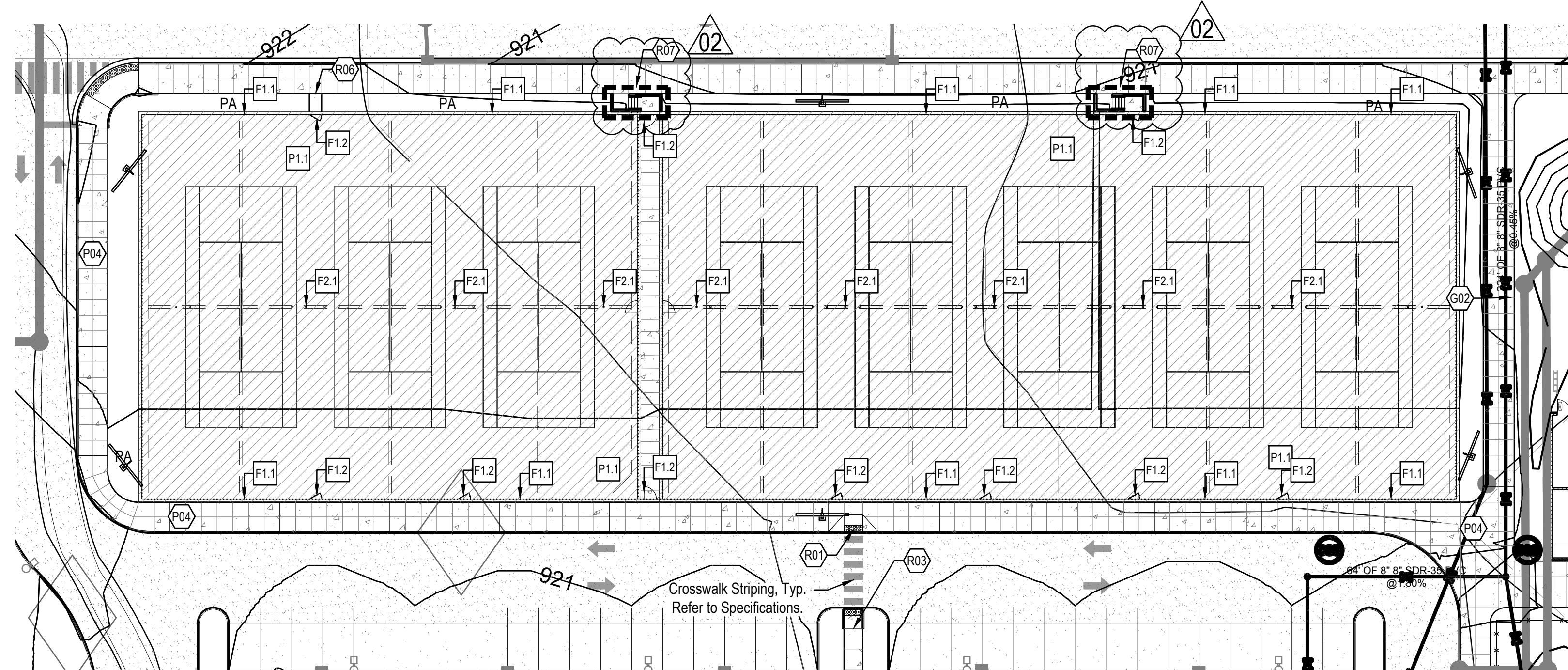
KEY	DESCRIPTION / REFERENCE
○	RETAINING WALL REFER TO DETAIL 2/L502

KEY	DESCRIPTION / REFERENCE
○	PLANTED AREA



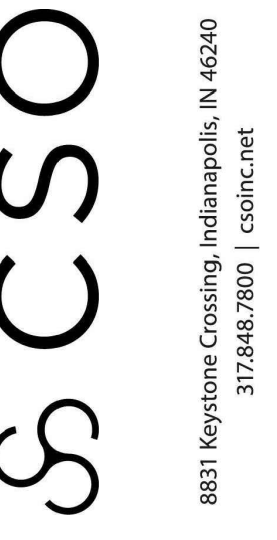
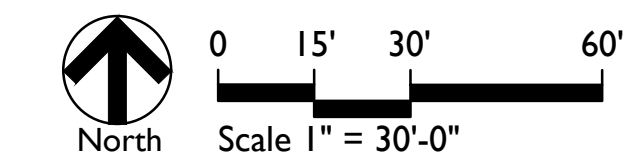
### ALTERNATE - (5) TENNIS COURTS - MATERIALS

Scale: 1" = 30'-0"



### ALTERNATE - (8) TENNIS COURTS - MATERIALS

Scale: 1" = 30'-0"



PROJECT:  
WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS  
17707 CENTENNIAL RD. WESTFIELD, IN 48074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project as shown on the architectural design concept. The responsibility of the client is to provide all necessary information and details as required for full performance and completion of the project. On the basis of the general scope indicated or described by these drawings, the contractor shall verify all items required for the proper execution and completion of the work.

REVISIONS:	DATE	BY	CHECKED BY
1 Addendum 5	2024/08/09	SS	FP
2 Addendum 6	2024/08/16	SS	FP

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:  
**ENLARGED  
ATHLETIC  
PLANS**



DRAWING NUMBER  
**L304**

PROJECT NUMBER  
**2023016**



# TENNIS COURTS LEGEND

## F1.0 Fencing

- F1.1** Chain-Link Fencing, 10'-0" Ht., Black Vinyl Coated, Refer to Athletic Details 4-6/L513 and Specification 32 31 13
- F1.2** Chain-Link Fence Gate, 4'-0" Wide, Single Leaf, Match Adjacent Fencing Height, Refer to Specification 32 31 13

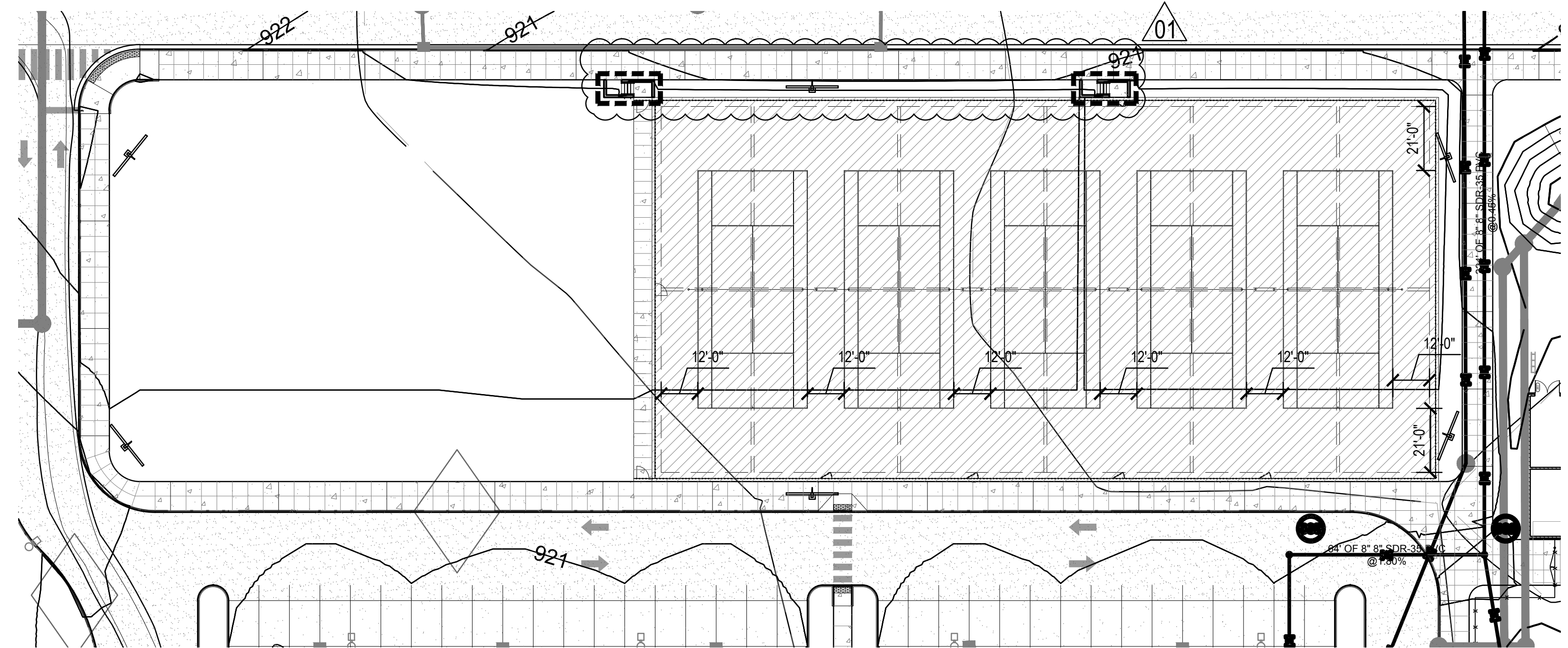
## F2.0 Furnishings

- F2.1** Tennis Posts and Netting, Refer to Athletic Detail 2/L513 and Specification 12 93 01

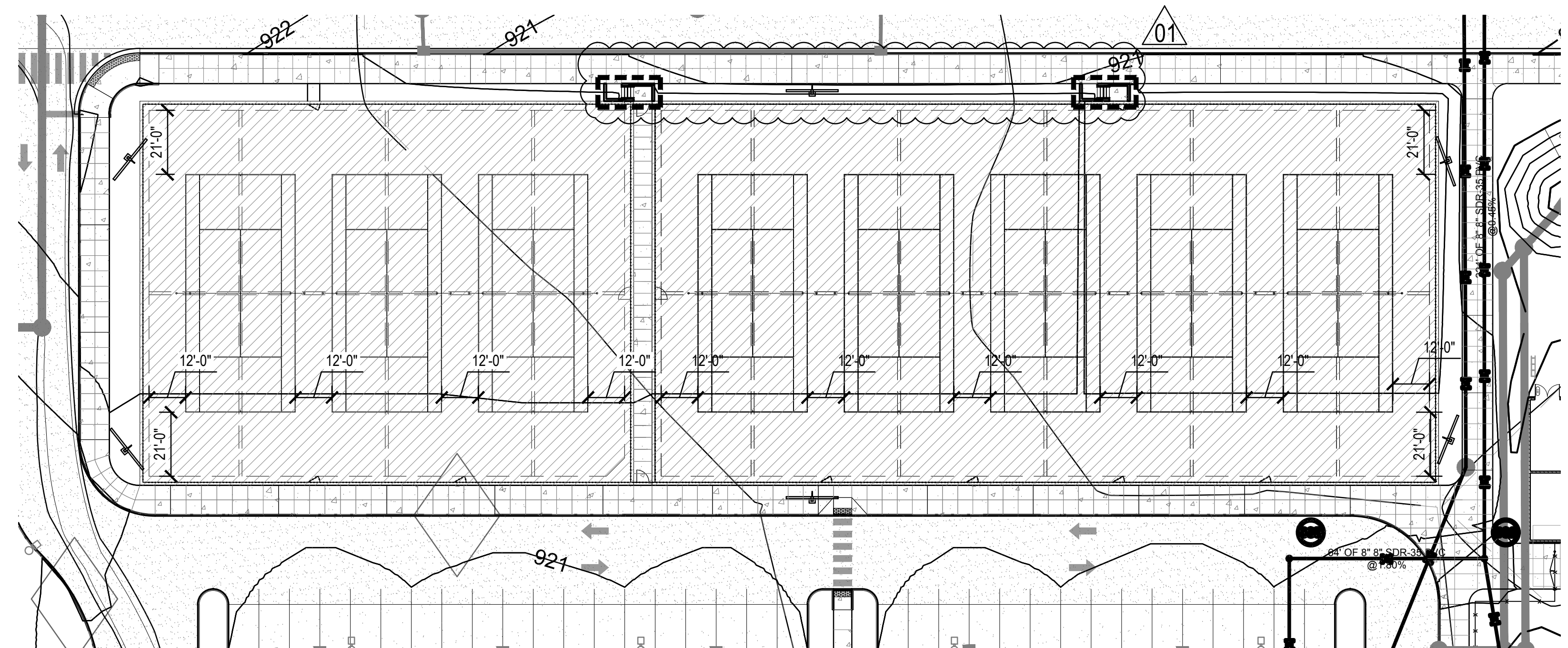
## P1.0 Pavement, Asphalt

- P1.1** Tennis Court Pavement, Refer to Athletic Details Sheet L512 and Specification 32 12 18

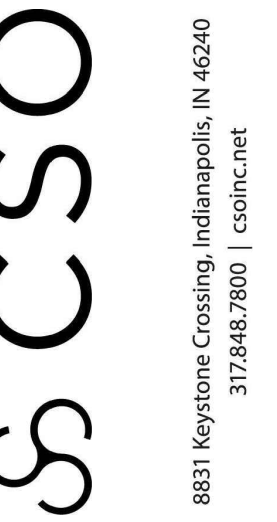
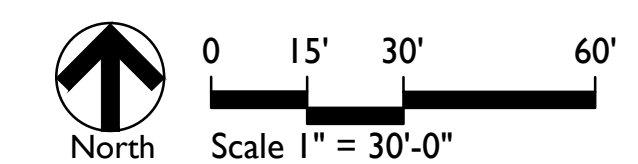
NOTE: Refer to Civil for Sub-Surface Drainage Requirements.



**ALTERNATE - (5) TENNIS COURTS - LAYOUT**  
Scale: 1" = 30'-0"



**ALTERNATE - (8) TENNIS COURTS - LAYOUT**  
Scale: 1" = 30'-0"



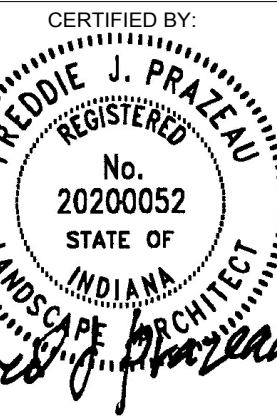
PROJECT:  
WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS  
17707 CENTENNIAL RD. WESTFIELD, IN 48074

SCOPE DRAWINGS:  
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REVISIONS:
1 Addendum 6 2024/08/16

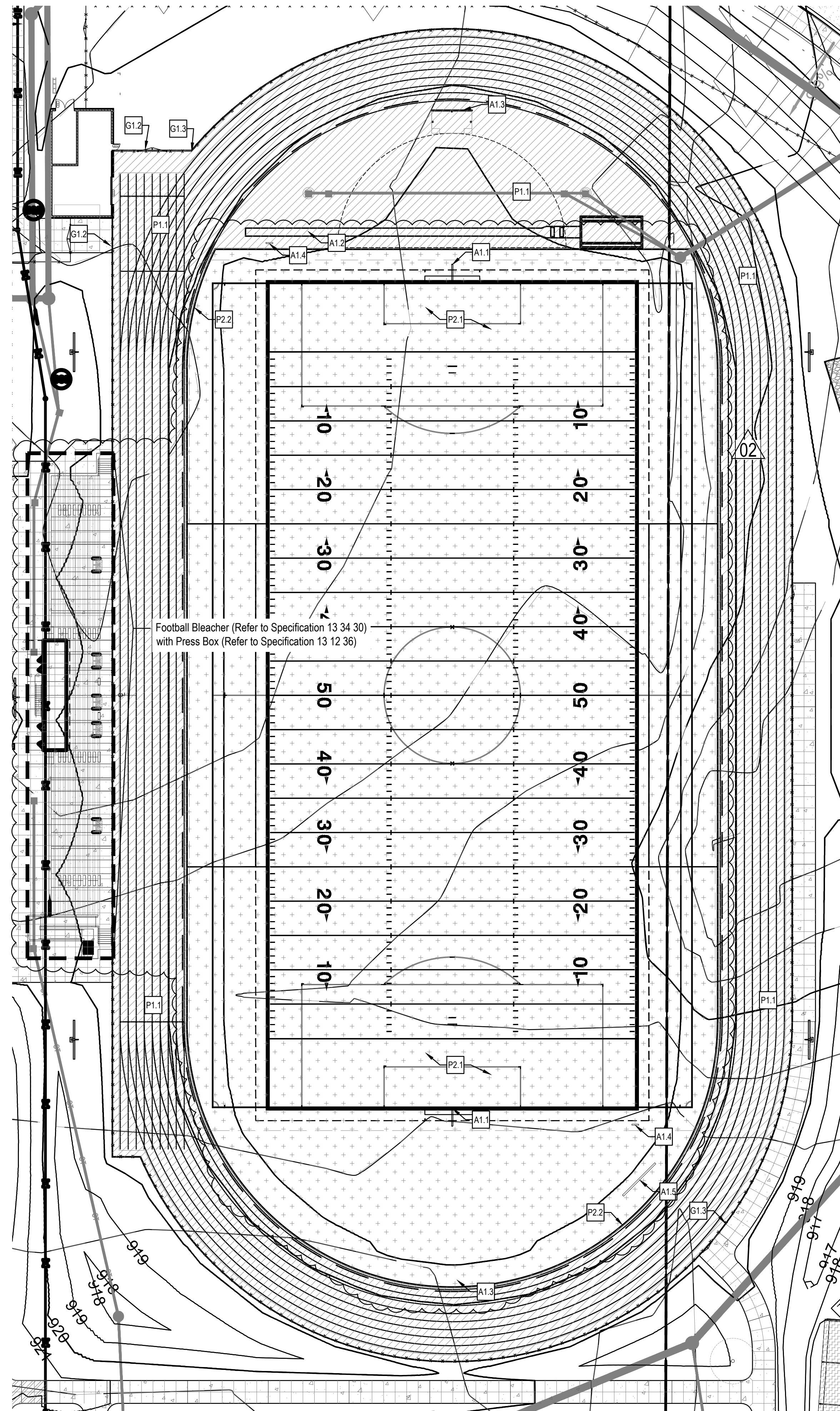
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:  
**ENLARGED  
ATHLETIC  
PLANS**



DRAWING NUMBER  
**L305**

PROJECT NUMBER  
**2023016**



**FOOTBALL FIELD AND TRACK & FIELD**  
Scale: 1" = 30'-0"

**FOOTBALL AND TRACK & FIELD LEGEND**

- A1.0 Athletic Furnishings
  - A1.1 Football Uprights, Refer to Specification 12 93 01
  - A1.2 Long Jump Pit, Refer to Athletic Detail 3/L514 and Specification 11 68 33
  - A1.3 High Jump Landing Zone, Refer to Athletic Detail 4/L514 and Specification 11 68 33
  - A1.4 Timeclock, Refer to Specification 12 93 01
  - A1.5 Scoreboard by Others
  
- G1.0 Gates
  - G1.1 4'-0" Opening Gate, 4'-0" ht. Black, Vinyl-Coated Chain-Link Fence, Refer to Specification 32 31 13
  - G1.2 12'-0" Opening Gate, 4'-0" ht. Black, Vinyl-Coated Chain-Link Fence, Refer to Specification 32 31 13
  - G1.3 4'-0" ht. Black, Vinyl-Coated Chain-Link Fence, Refer to Specification 32 31 13
  
- P1.0 Pavement, Track Surfacing
  - P1.1 Track Surfacing, Contractor Asphalt Base, Refer to Athletic Details 2 & 5/L514 and Specification 32 18 23
  
- P2.0 Pavement, Specialty
  - P2.1 Synthetic Sports Turf, Refer to Detail 9/L512 and Specification 32 91 15
  - P2.2 Nailer Curb, Refer to Detail 1/L512 and specification 32 91 15



**CSO**  
8831 Keystone Crossing, Indianapolis, IN 46240  
317-948-7800 | csoinc.net

**context**  
DESIGN  
5825 Lawson Loop E. Dr. | Indianapolis, IN 46216  
317-465-9700 | www.context-design.com

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS**  
17707 CENTENNIAL RD. WESTFIELD, IN 48074

**SCOPE DRAWINGS:**  
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On the basis of the general scope indicated or described by these drawings, the contractor shall verify all items required for the proper execution and completion of the work.

**REVISIONS:**

2	Addendum 6	2024/08/16
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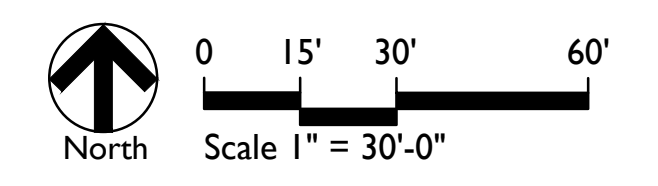
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:  
**ENLARGED  
ATHLETIC  
PLANS**

CERTIFIED BY:  
**FREDIE J. PRZELAU**  
REGISTERED  
No. 20200052  
STATE OF INDIANA  
LANDSCAPE ARCHITECT  
*Fredie J. Przelau*

DRAWING NUMBER  
**L306**

PROJECT NUMBER  
**2023016**





**CSO**  
 8831 Keystone Crossing, Indianapolis, IN 46240  
 317-948-7800 | csoinc.net

**context**  
 DESIGN  
 5825 Lawson Loop E. Dr. 1 Indianapolis, IN 46216  
 317-465-9700 | www.context-design.com

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST  
 BID DOCUMENTS**  
 17707 CENTENNIAL RD. WESTFIELD, IN 48074

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REVISIONS:

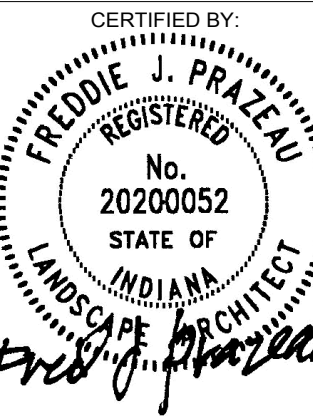
1	Addendum 1	2024/06/07
2	Addendum 6	2024/08/16

ISSUE DATE: 07/26/2024

DRAWN BY: SS	CHECKED BY: FP
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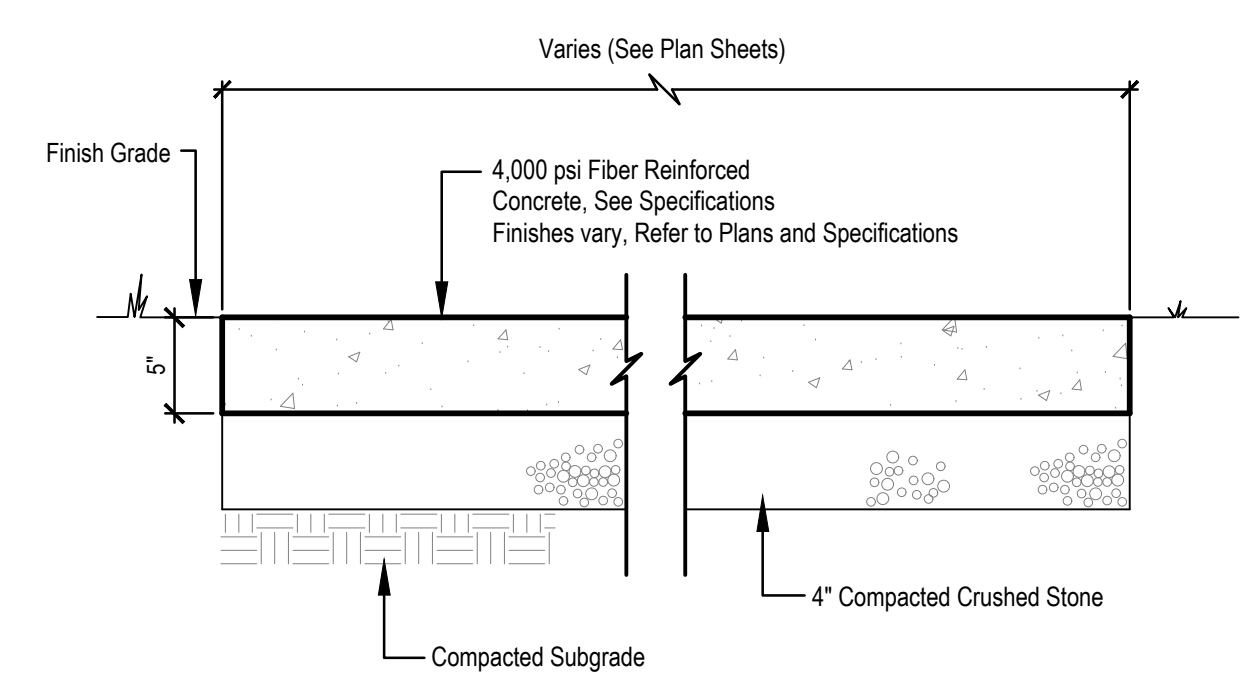
DRAWING TITLE:

**SITE DETAILS**



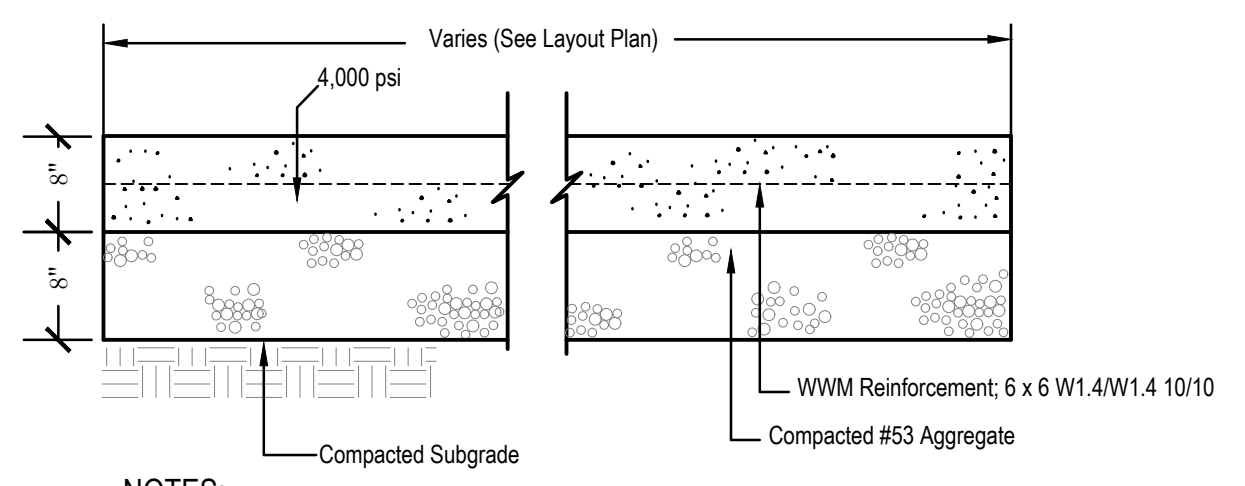
DRAWING NUMBER  
**L500**

PROJECT NUMBER  
**2023016**



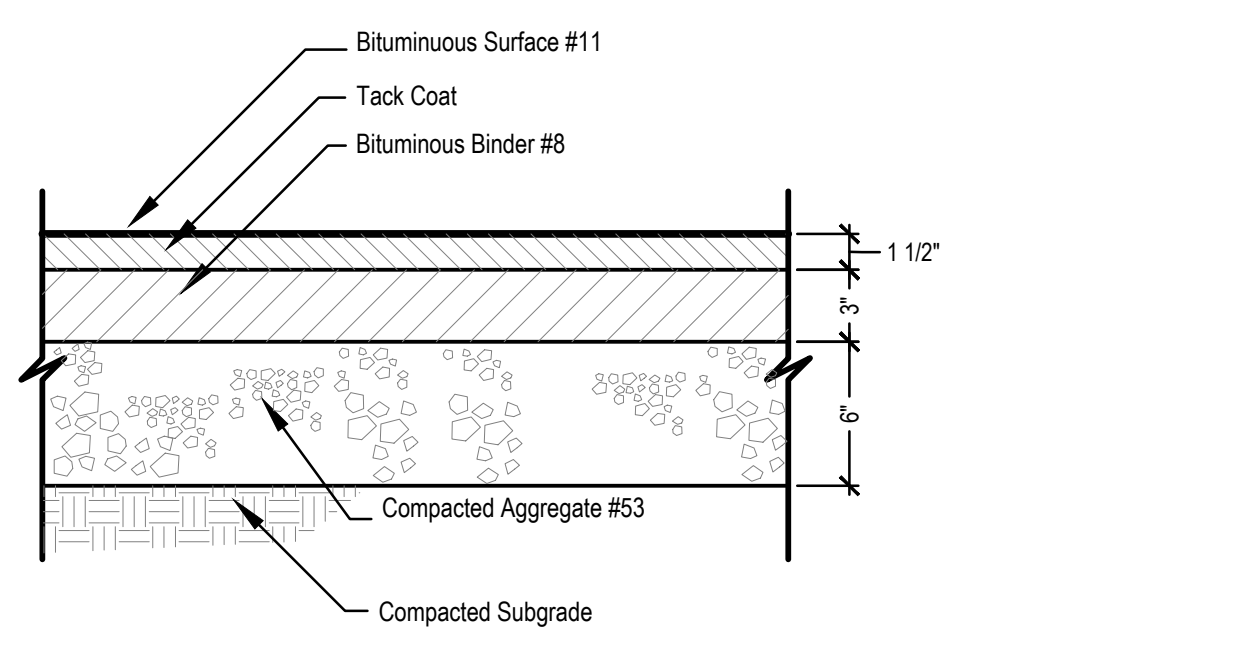
**4 STANDARD CONCRETE PAVEMENT**  
 Not to scale

NOTES:  
 1. Provide expansion joints at intersection with another sidewalk, between walks and building slabs, and at other points as indicated on the drawings.  
 2. Refer to plan drawings for locations of control and expansion joints.

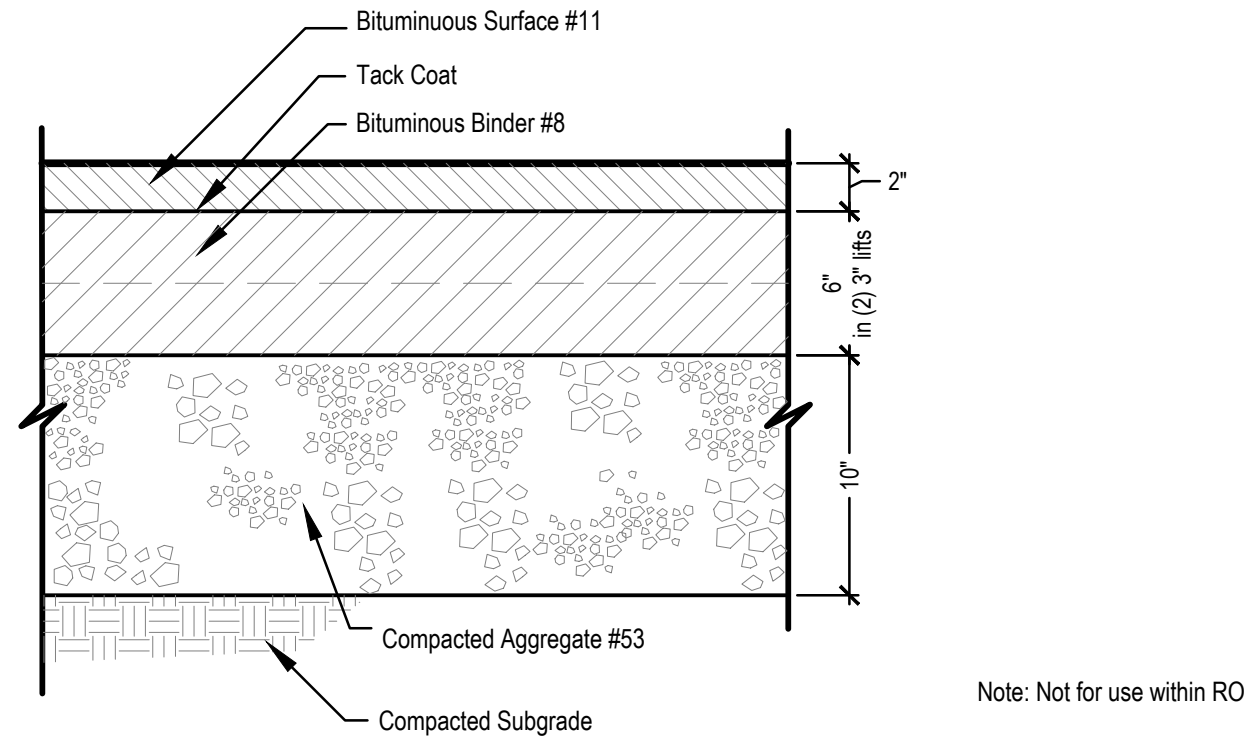


**3 HEAVY DUTY CONCRETE**  
 Not to Scale

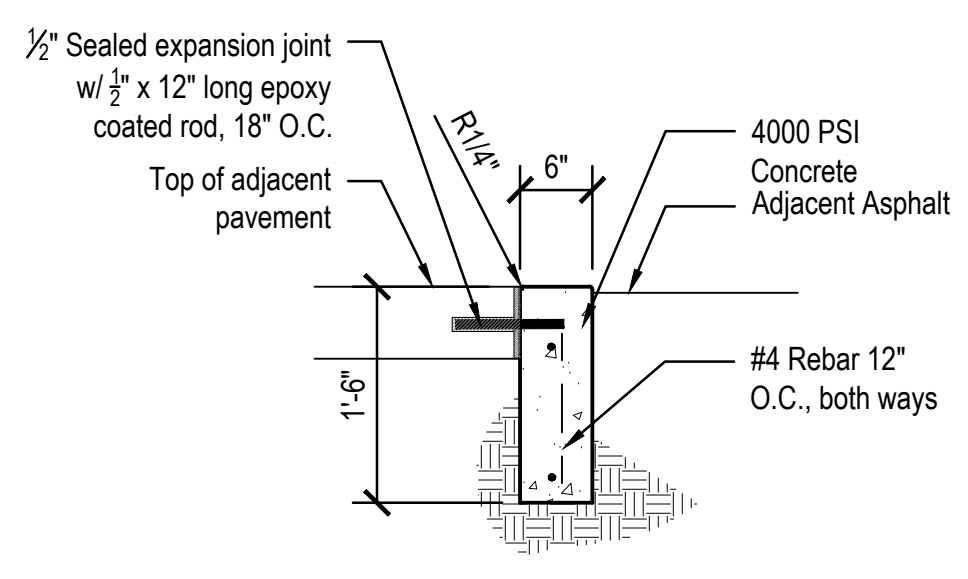
NOTES:  
 1. Provide expansion joints at intersection with another sidewalk, between walks and building slabs, and at other points as indicated on the drawings.  
 2. Refer to plan drawings for locations of control and expansion joints.



**2 STANDARD ASPHALT PAVEMENT (Parking)**  
 Not to Scale

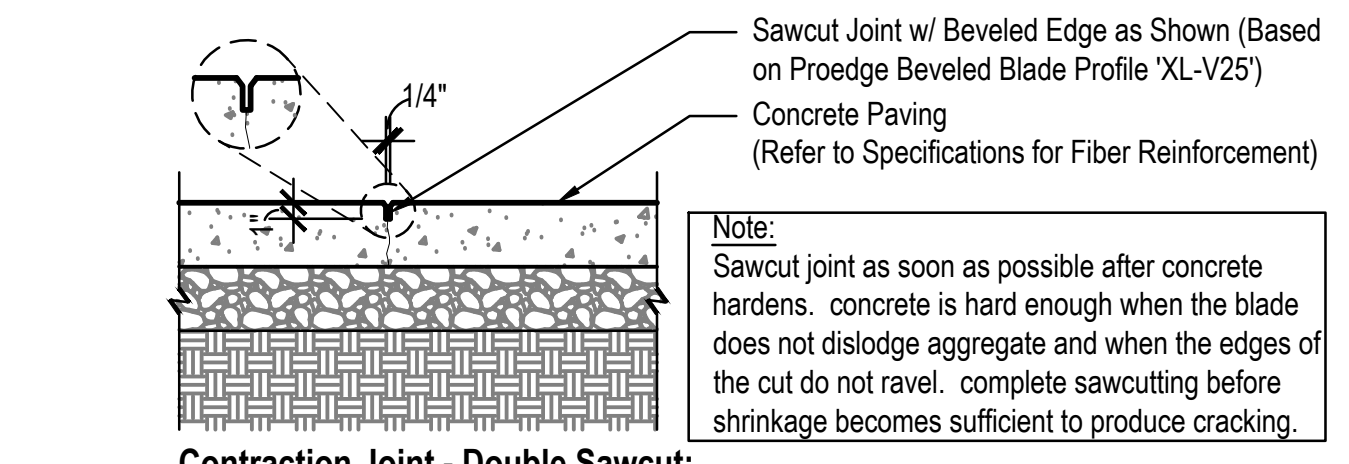


**1 HEAVY-DUTY ASPHALT PAVEMENT (Bus Lot and Drives)**  
 Not to Scale



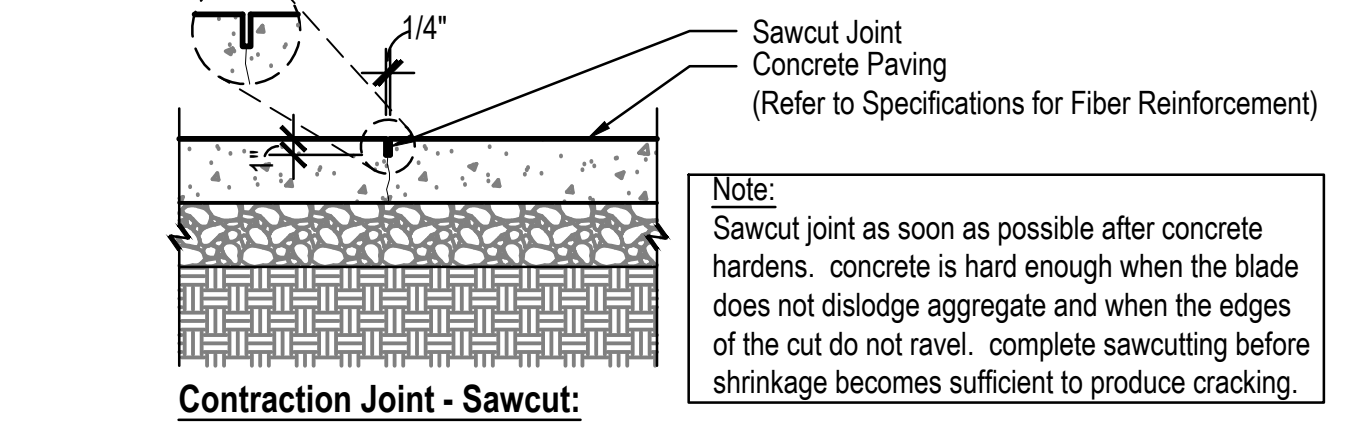
**6 CURB, FLUSH 6"**  
 Scale: 3/4" = 1'-0"

NOTES:  
 1. Curb shall have 1/2" expansion joints at 40'-0" max, control joints at 8'-0" max, unless otherwise noted. See Plans for jointing layout.  
 2. Control joints shall be cut 1/4" depth of total thickness of slab.



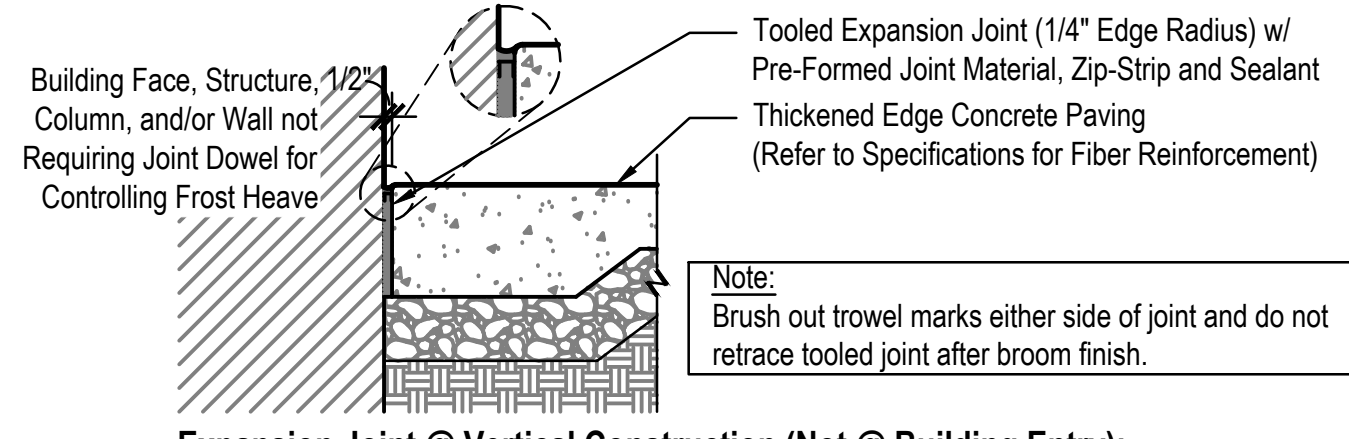
**Contraction Joint - Double Sawcut:**

Note:  
 Sawcut joint as soon as possible after concrete hardens. concrete is hard enough when the blade does not dislodge aggregate and when the edges of the cut do not ravel. complete sawcutting before shrinkage becomes sufficient to produce cracking.



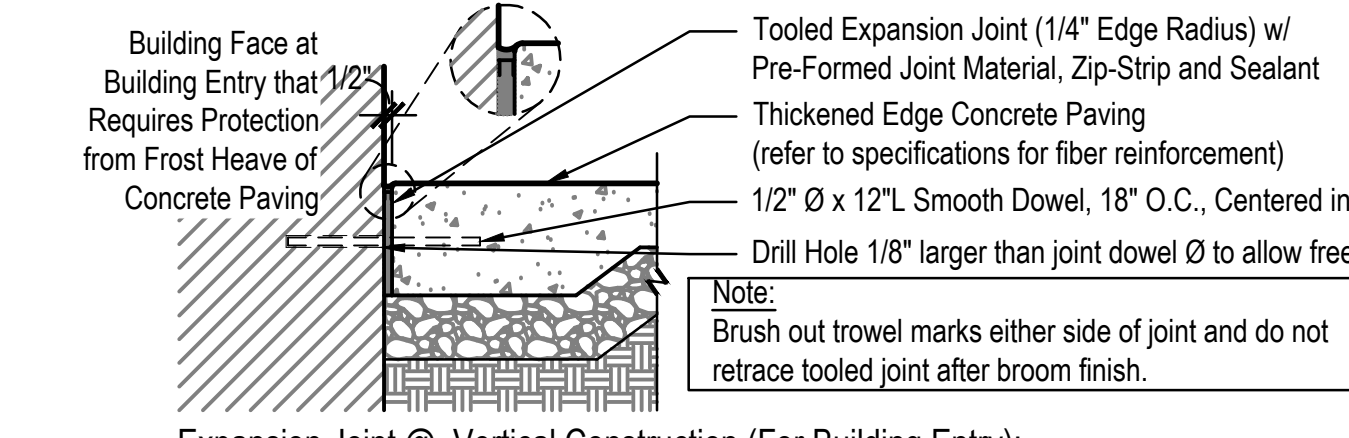
**Contraction Joint - Sawcut:**

Note:  
 Sawcut joint as soon as possible after concrete hardens. concrete is hard enough when the blade does not dislodge aggregate and when the edges of the cut do not ravel. complete sawcutting before shrinkage becomes sufficient to produce cracking.



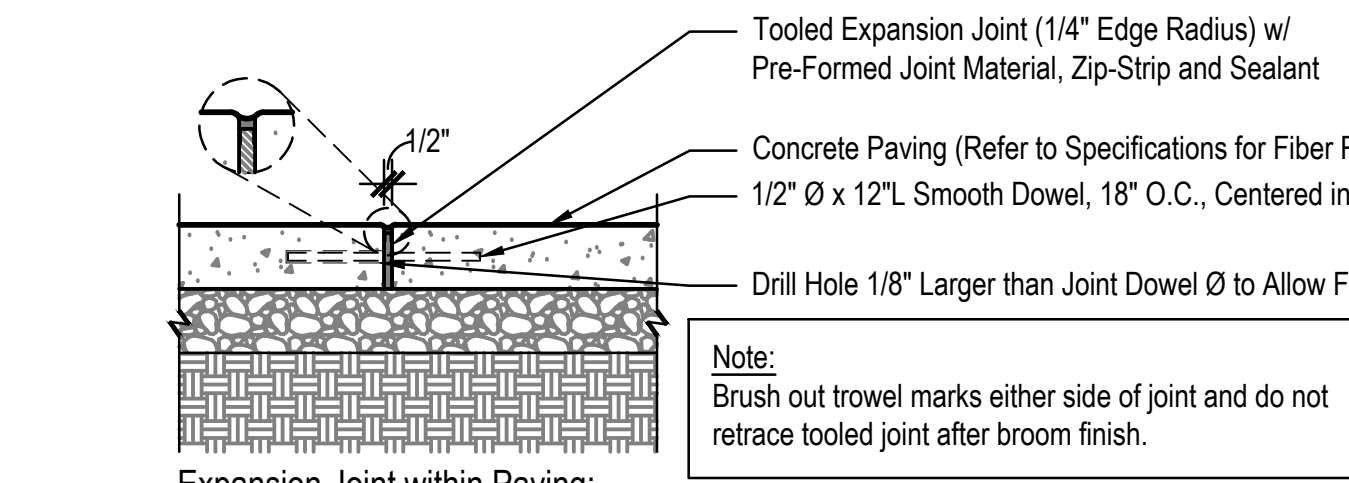
**Expansion Joint @ Vertical Construction (Not @ Building Entry):**

Note:  
 Brush out trowel marks either side of joint and do not retrace tooled joint after broom finish.



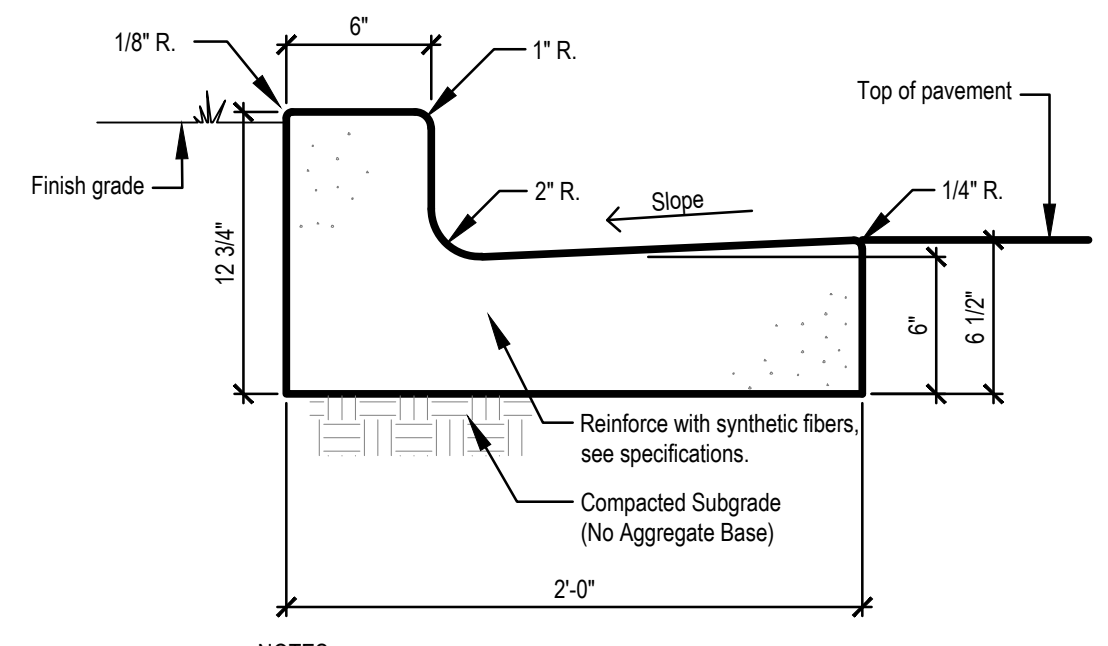
**Expansion Joint @ Vertical Construction (For Building Entry):**

Note:  
 Brush out trowel marks either side of joint and do not retrace tooled joint after broom finish.



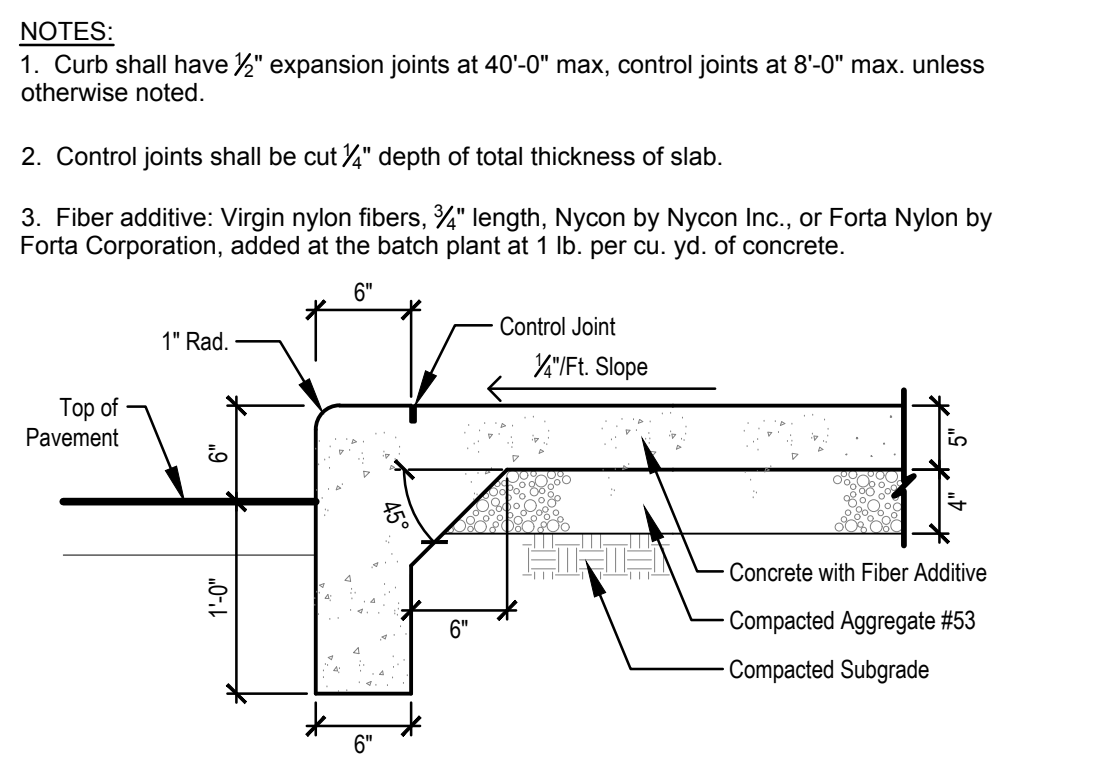
**Expansion Joint within Paving:**

Note:  
 Brush out trowel marks either side of joint and do not retrace tooled joint after broom finish.



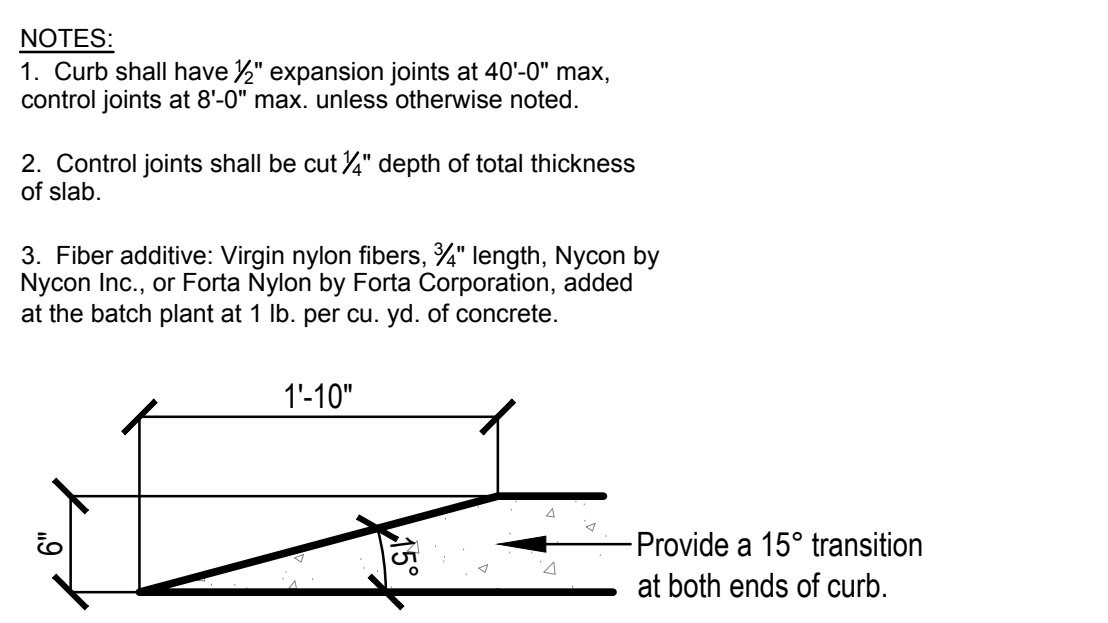
**9 CONCRETE CURB & GUTTER**  
 1 1/2" = 1'-0"

NOTES:  
 1. Curb shall have 1/2" expansion joints at 40'-0" max, and at ends of radii unless otherwise noted. Saw control joints shall be at 8'-0" max, unless otherwise noted.  
 2. Confirm slope direction of gutter section with grading plans.



**8 INTEGRAL CONCRETE CURB & WALK**  
 Scale: 1" = 1'-0"

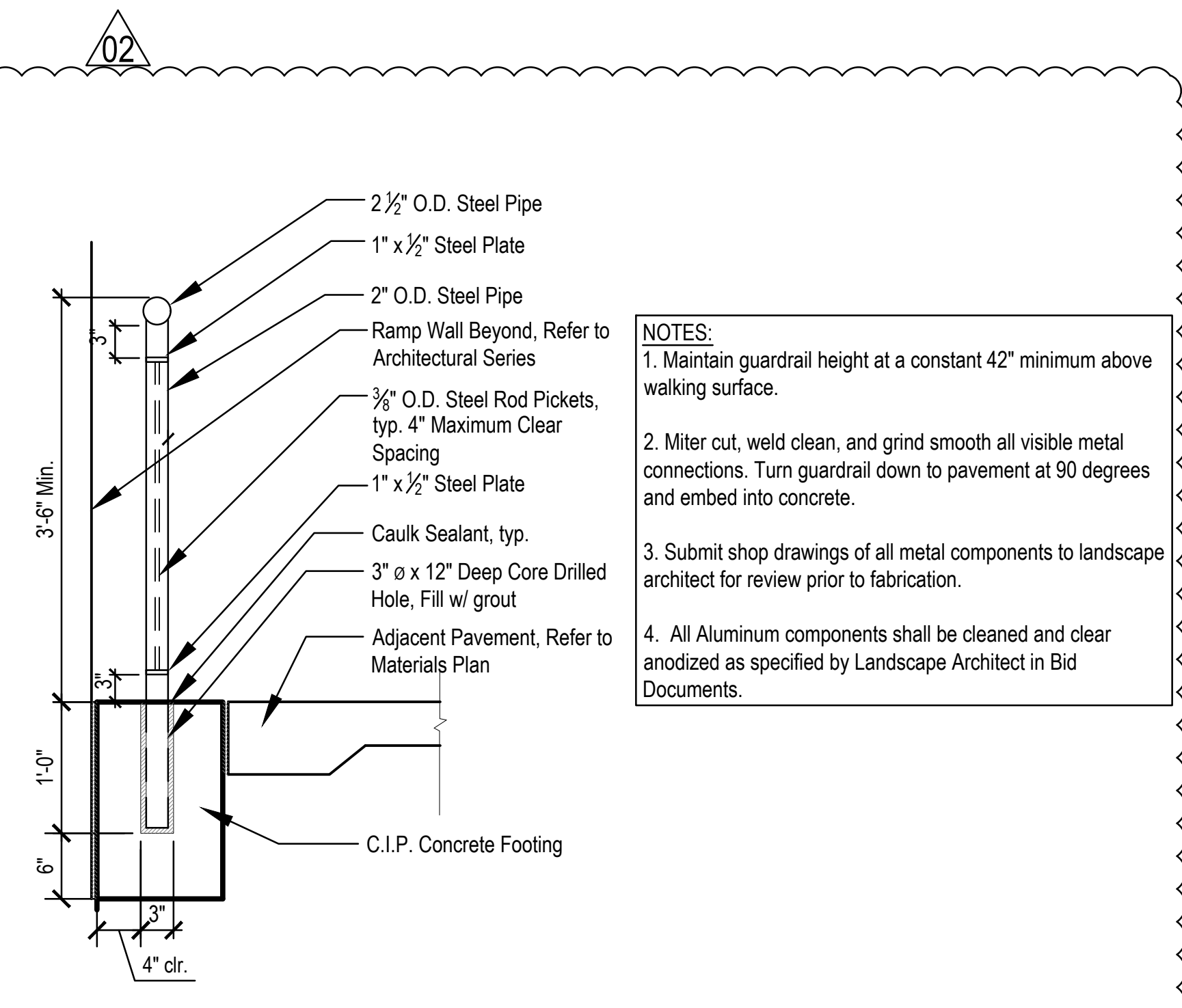
NOTES:  
 1. Curb shall have 1/2" expansion joints at 40'-0" max, control joints at 8'-0" max, unless otherwise noted.  
 2. Control joints shall be cut 1/4" depth of total thickness of slab.  
 3. Fiber additive: Virgin nylon fibers, 3/4" length, Nycon by Nycon Inc., or Forta Nylon by Forta Corporation, added at the batch plant at 1 lb. per cu. yd. of concrete.



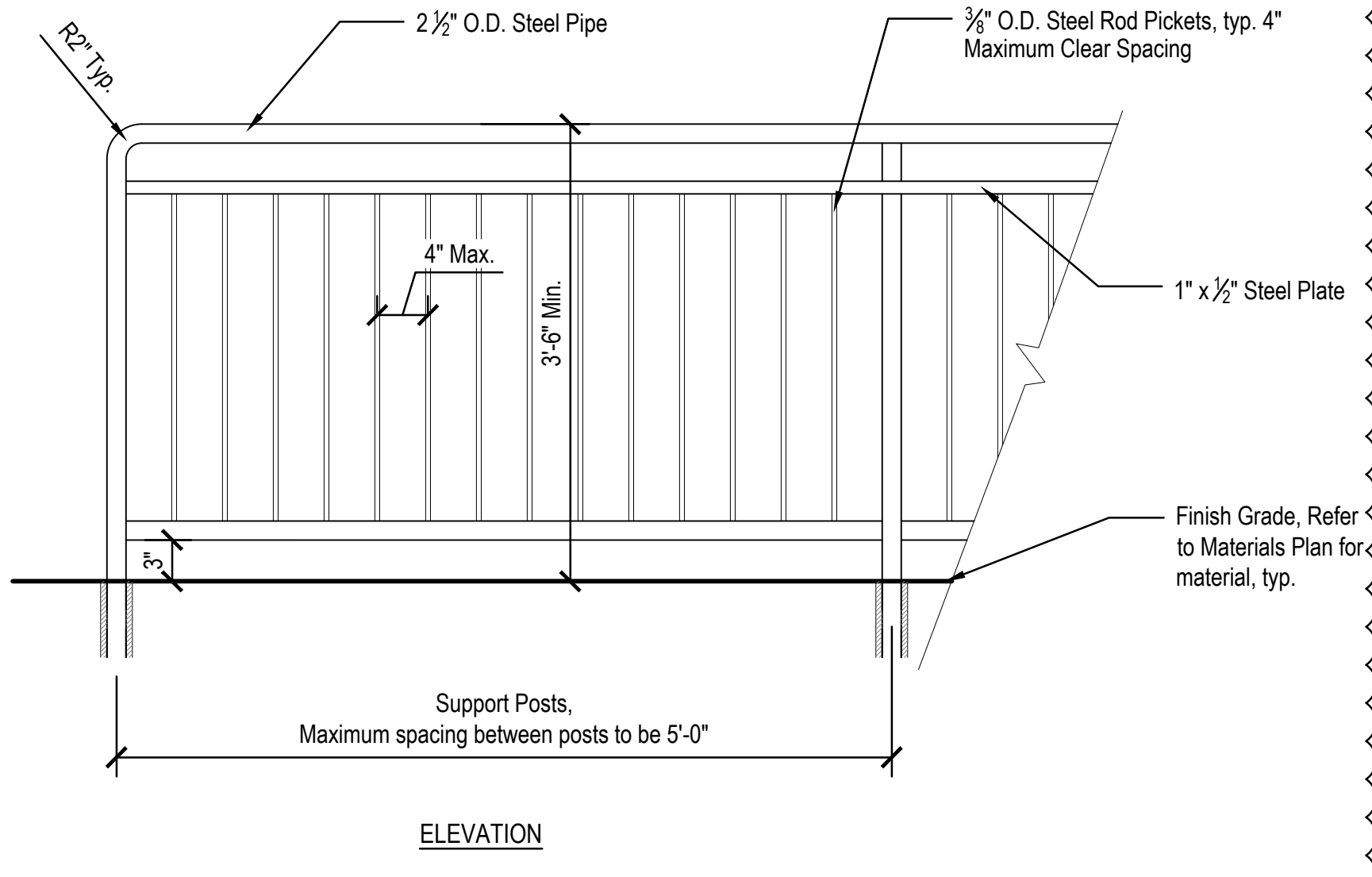
**7 CONCRETE POST CURB**  
 Scale: 1" = 1'-0"

NOTES:  
 1. Curb shall have 1/2" expansion joints at 40'-0" max, control joints at 8'-0" max, unless otherwise noted.  
 2. Control joints shall be cut 1/4" depth of total thickness of slab.  
 3. Fiber additive: Virgin nylon fibers, 3/4" length, Nycon by Nycon Inc., or Forta Nylon by Forta Corporation, added at the batch plant at 1 lb. per cu. yd. of concrete.

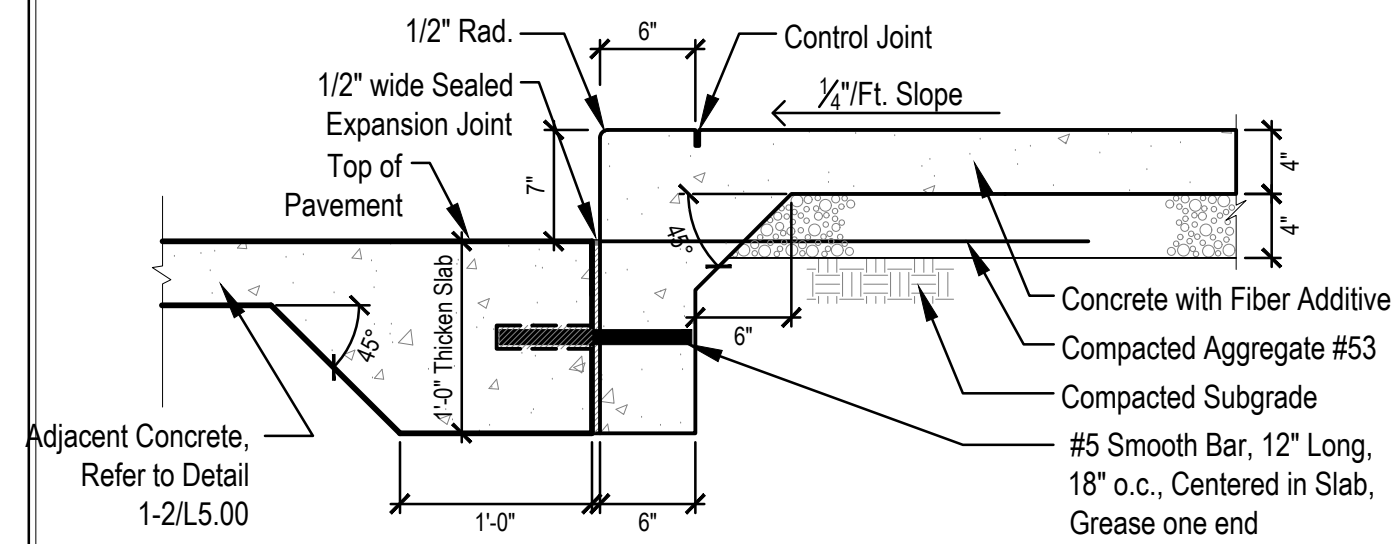
**5 CONCRETE JOINTING**  
 Scale: 1" = 1'-0"



**NOTES:**  
 1. Maintain guardrail height at a constant 42" minimum above walking surface.  
 2. Miter cut, weld clean, and grind smooth all visible metal connections. Turn guardrail down to pavement at 90 degrees and embed into concrete.  
 3. Submit shop drawings of all metal components to landscape architect for review prior to fabrication.  
 4. All Aluminum components shall be cleaned and clear anodized as specified by Landscape Architect in Bid Documents.

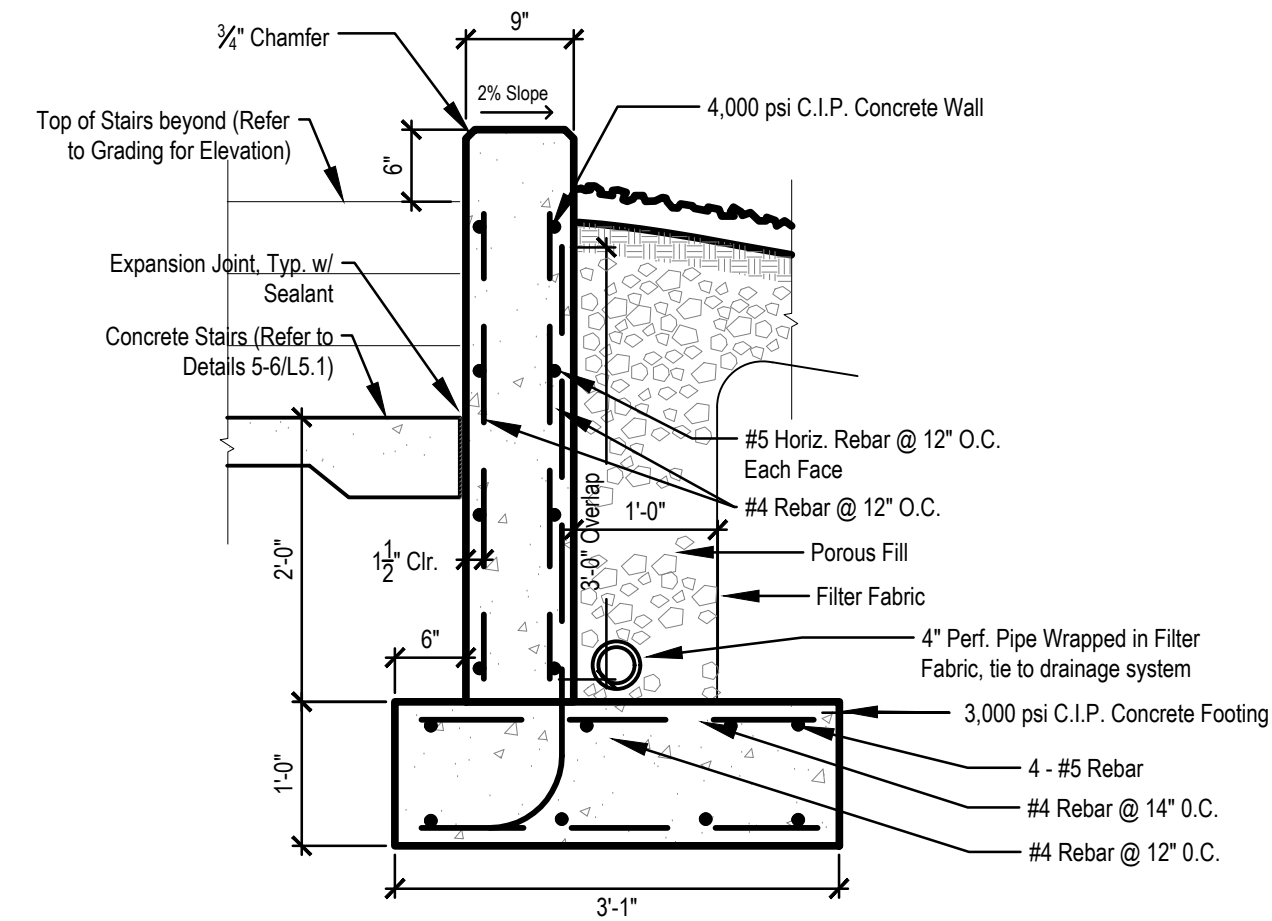


**10 GUARDRAIL AT LOADING DOCK**  
 Scale: 1" = 1'-0"



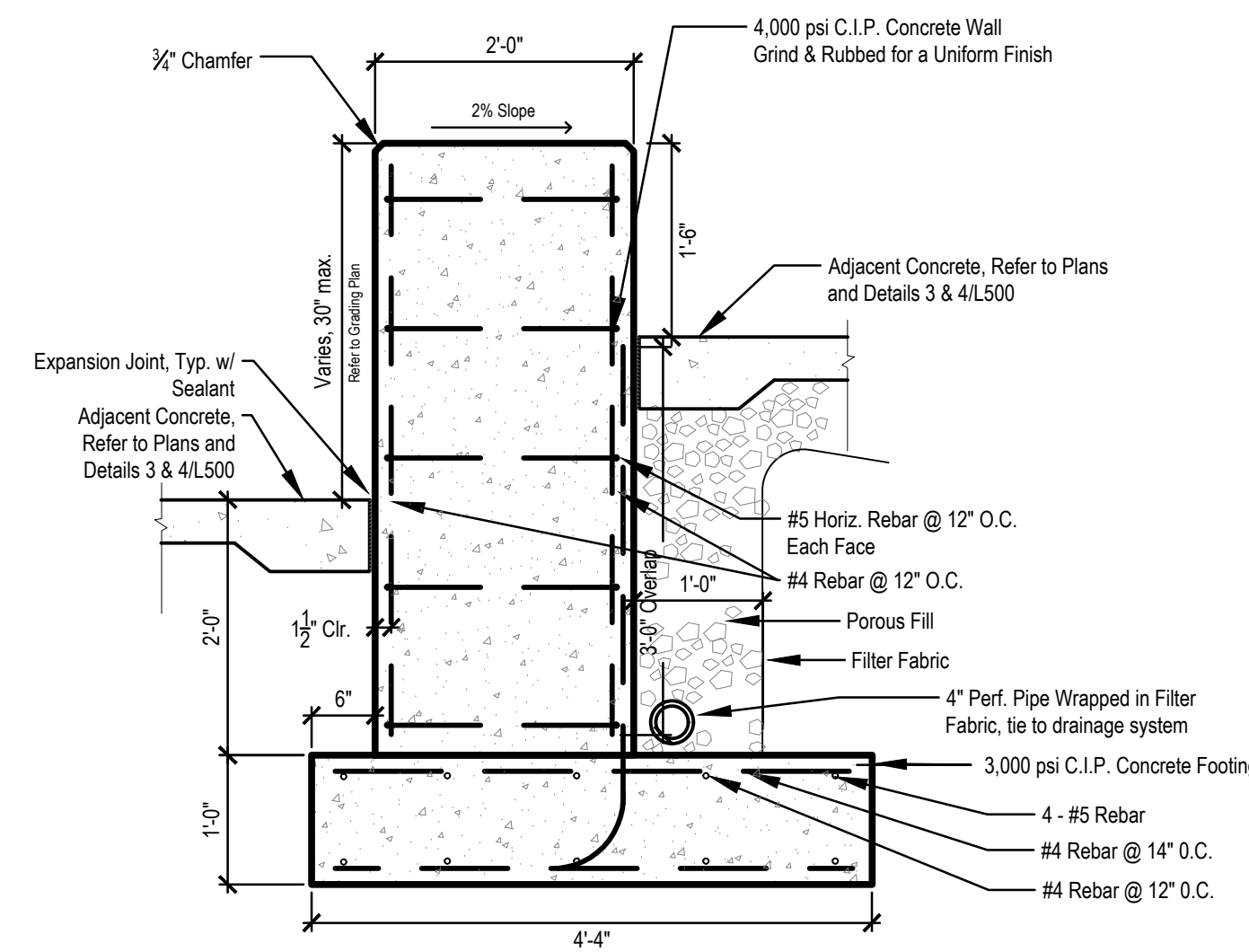
**6 SINGLE SIDEWALK RISER**

Scale: 1"=1'-0"



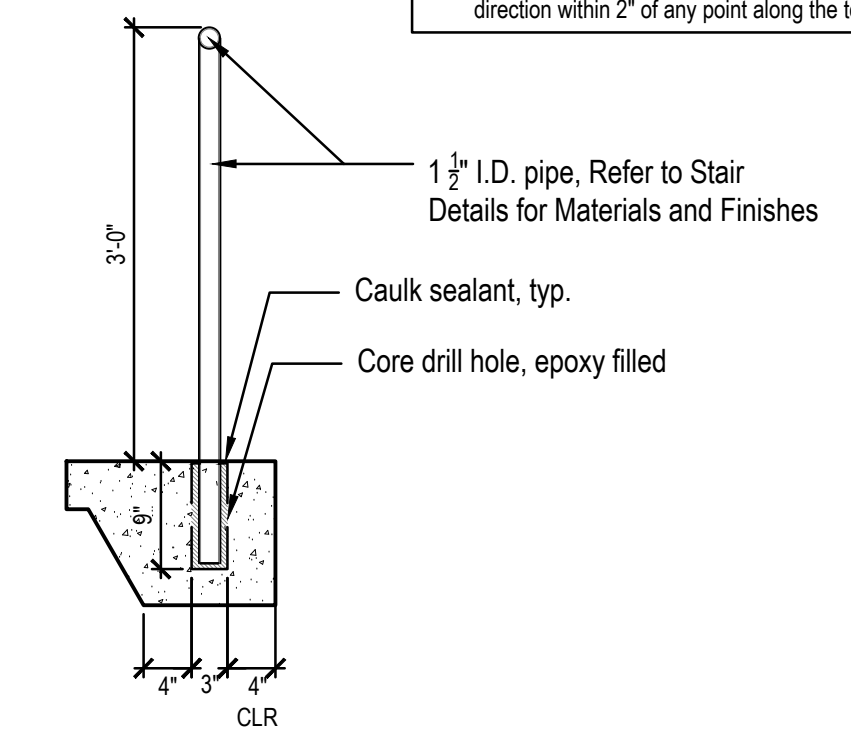
**5 CONCRETE RETAINING WALL AROUND STAIRS**

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



**2 CONCRETE RETAINING WALL BY BLEACHERS**

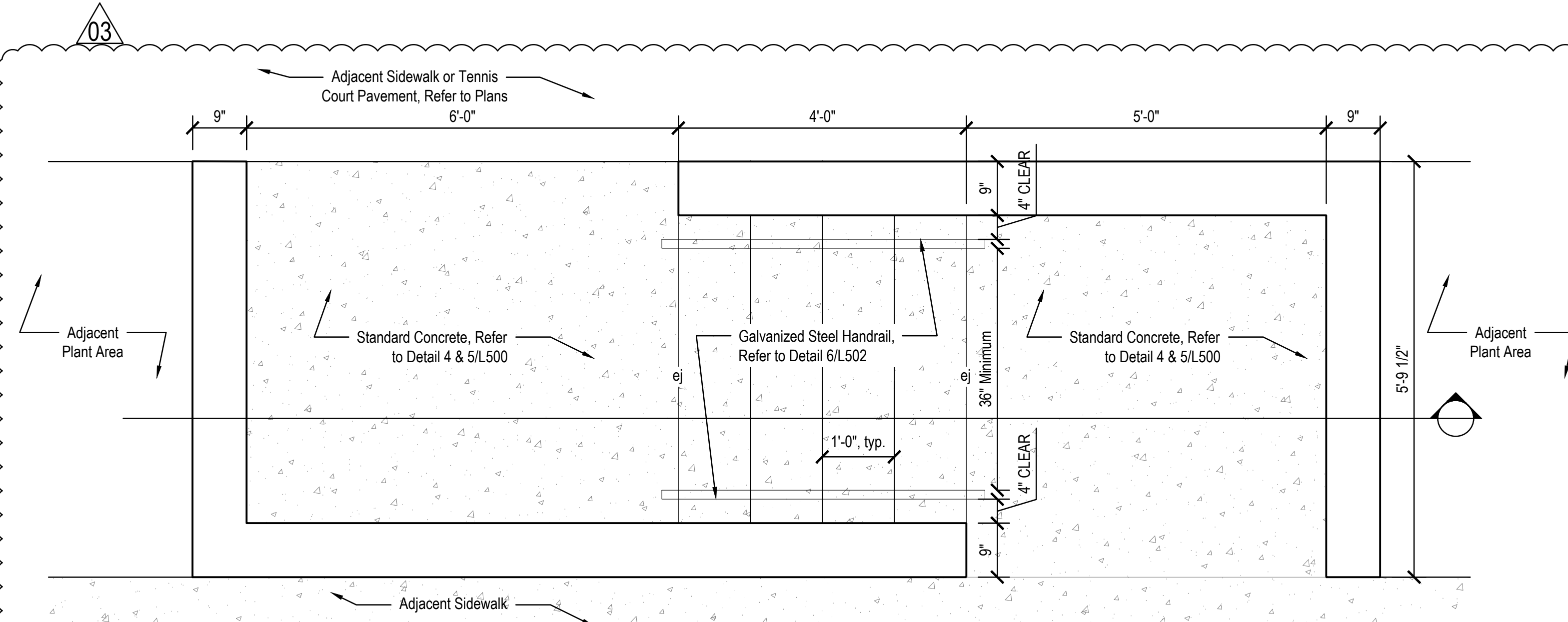
Scale: 3/4"=1'-0"



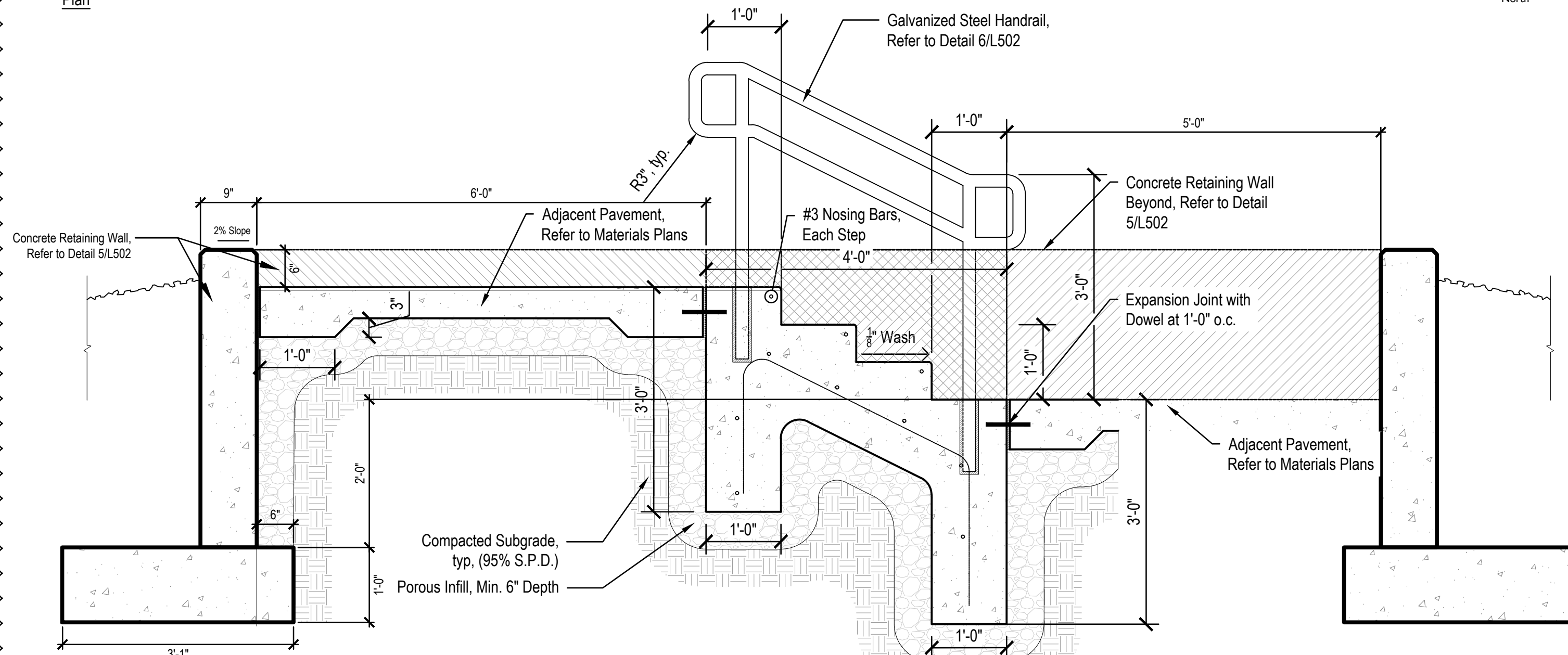
**3 METAL HANDRAIL, EMBEDDED**

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

- NOTES:**
1. Maintain handrail height at a constant height above walking surface at 36" typical.
  2. Miter cut, weld clean, and grind smooth all visible metal connections. Turn handrail back into posts at 90 degrees and weld connection at end conditions.
  3. Submit shop drawings of all metal components to landscape architect for review prior to fabrication.
  4. All steel components shall be cleaned, primed, and painted as specified by landscape architect in bid package.
  5. Contractor to ensure all handrails can withstand no less than 200 pounds (89N) applied in any downward or outward direction within 2" of any point along the top edge of the rail.



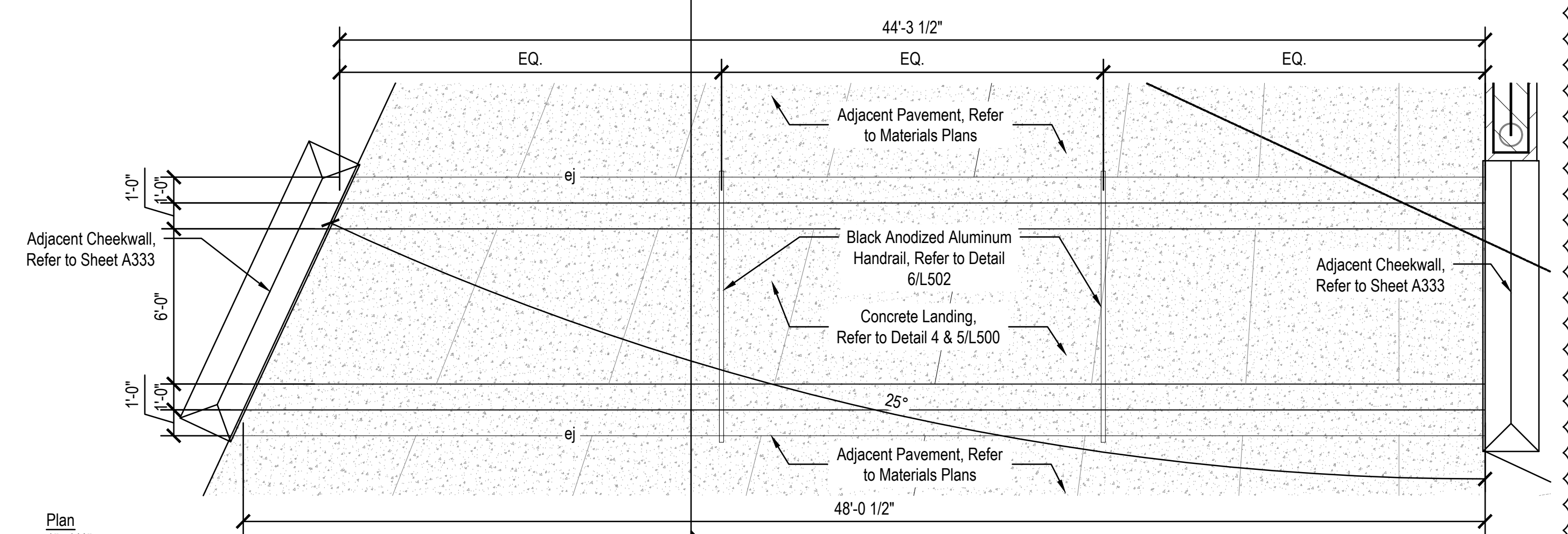
Plan



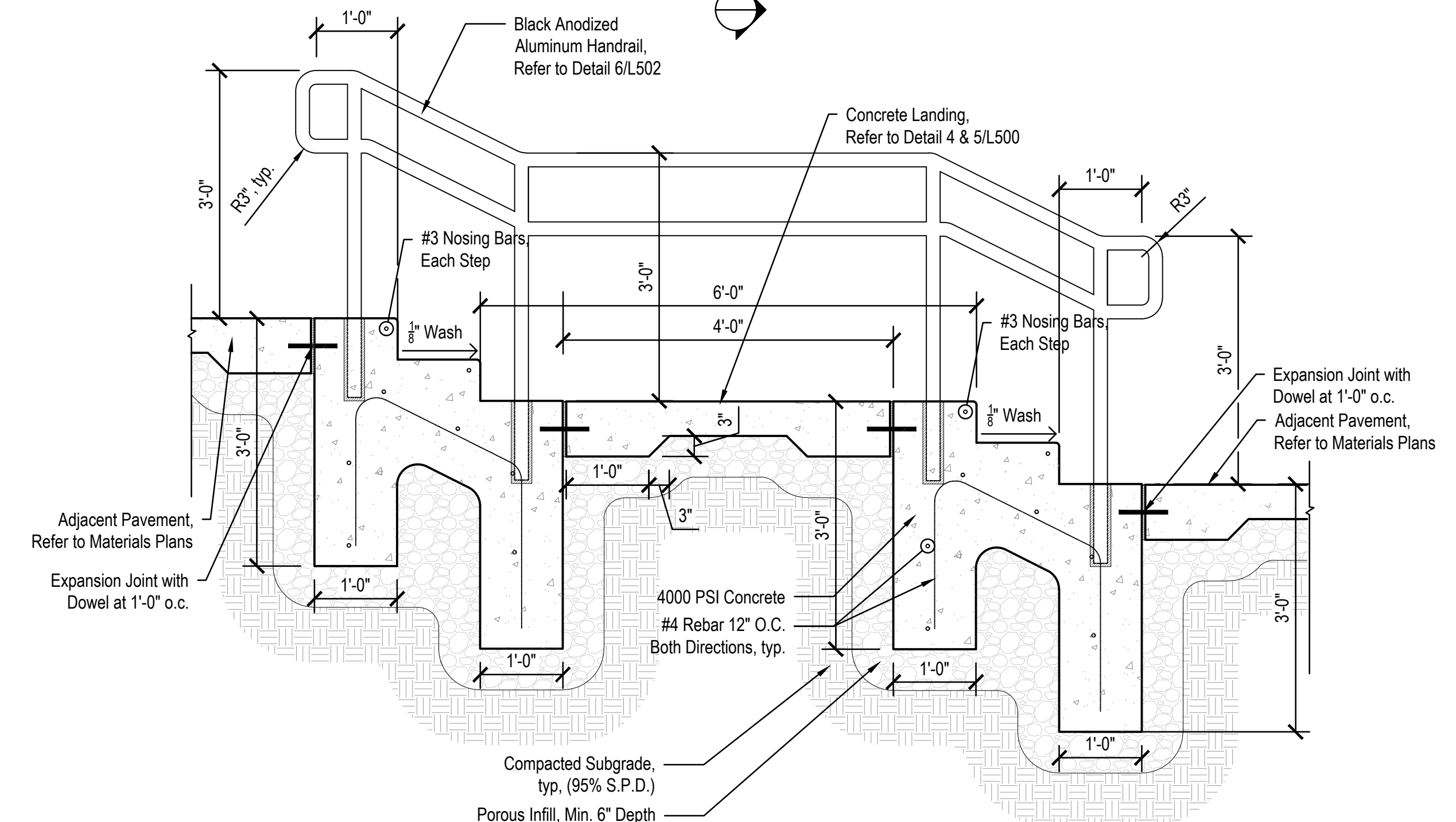
Section

**4 3-STEP STAIR WITH HANDRAIL AND RETAINING WALL - SECTION**

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



Plan  
1"=1/4"



Section  
3/4"=1'-0"

**1 STAIR, 4 STEPS, 2 TIERS - SECTION**



**CSO**  
8883 Keystone Crossing, Indianapolis, IN 46240  
317-948-7800 | csoinc.net

**context**  
DESIGN  
5825 Lawson Loop E. Dr. | Indianapolis, IN 46216  
317-465-9700 | www.contextdesign.com

**WESTFIELD WASHINGTON SCHOOLS**  
**WESTFIELD MIDDLE SCHOOL WEST**  
**BID DOCUMENTS**  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of architectural design concept, the appropriateness of the building, the major structural elements and the type of materials, finishes and fixtures to be used.  
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 by these drawings, the contractor shall verify and confirm the proper execution and completion of the work.

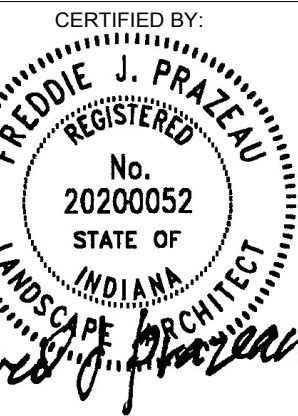
**REVISIONS:**

No.	Description	Date
1	Addendum 2	2024/06/17
2	Addendum 5	2024/08/09
3	Addendum 6	2024/08/16

**ISSUE DATE** 07/26/2024  
**DRAWN BY** SS  
**CHECKED BY** FP

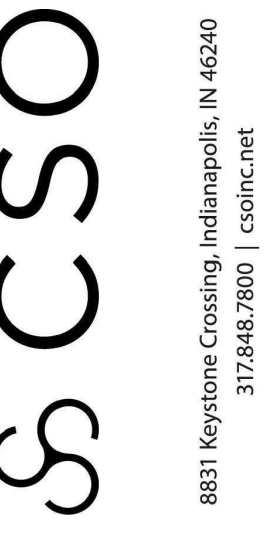
**DRAWING TITLE:**

**SITE DETAILS**



**DRAWING NUMBER**  
**L502**

**PROJECT NUMBER**  
**2023016**



8831 Keystone Crossing, Indianapolis, IN 46240  
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5825 Lawson Loop E. Dr., Indianapolis, IN 46216  
317-465-9700 | www.context-design.com

PROJECT:  
WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project as shown on the drawings. The contractor shall be responsible for the quantity, the type, and the quality of the materials and workmanship required for the full performance and completion of the project. On the basis of the general scope indicated or described on these drawings, the contractor shall submit all items required for the proper execution and completion of the work.

REVISIONS:  
1 Addendum 6 2024/08/16

ISSUE DATE: 07/26/2024  
DRAWN BY: SS  
CHECKED BY: FP

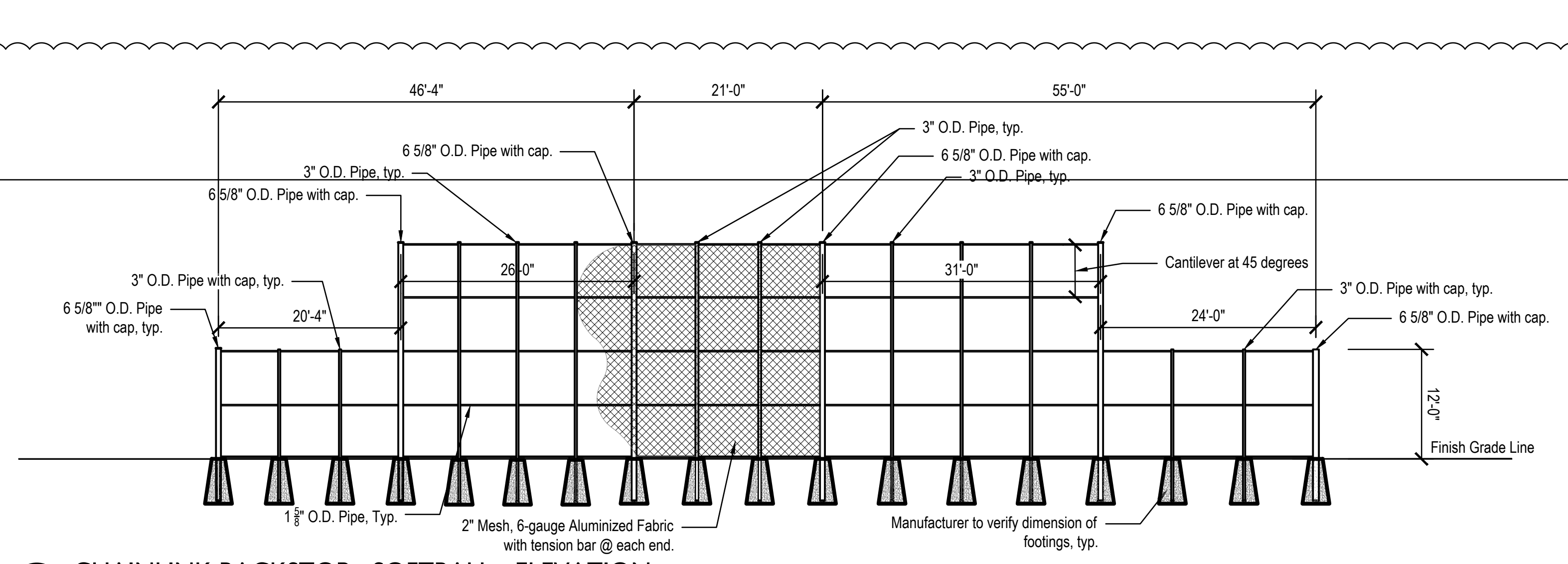
DRAWING TITLE:

ATHLETIC  
DETAILS

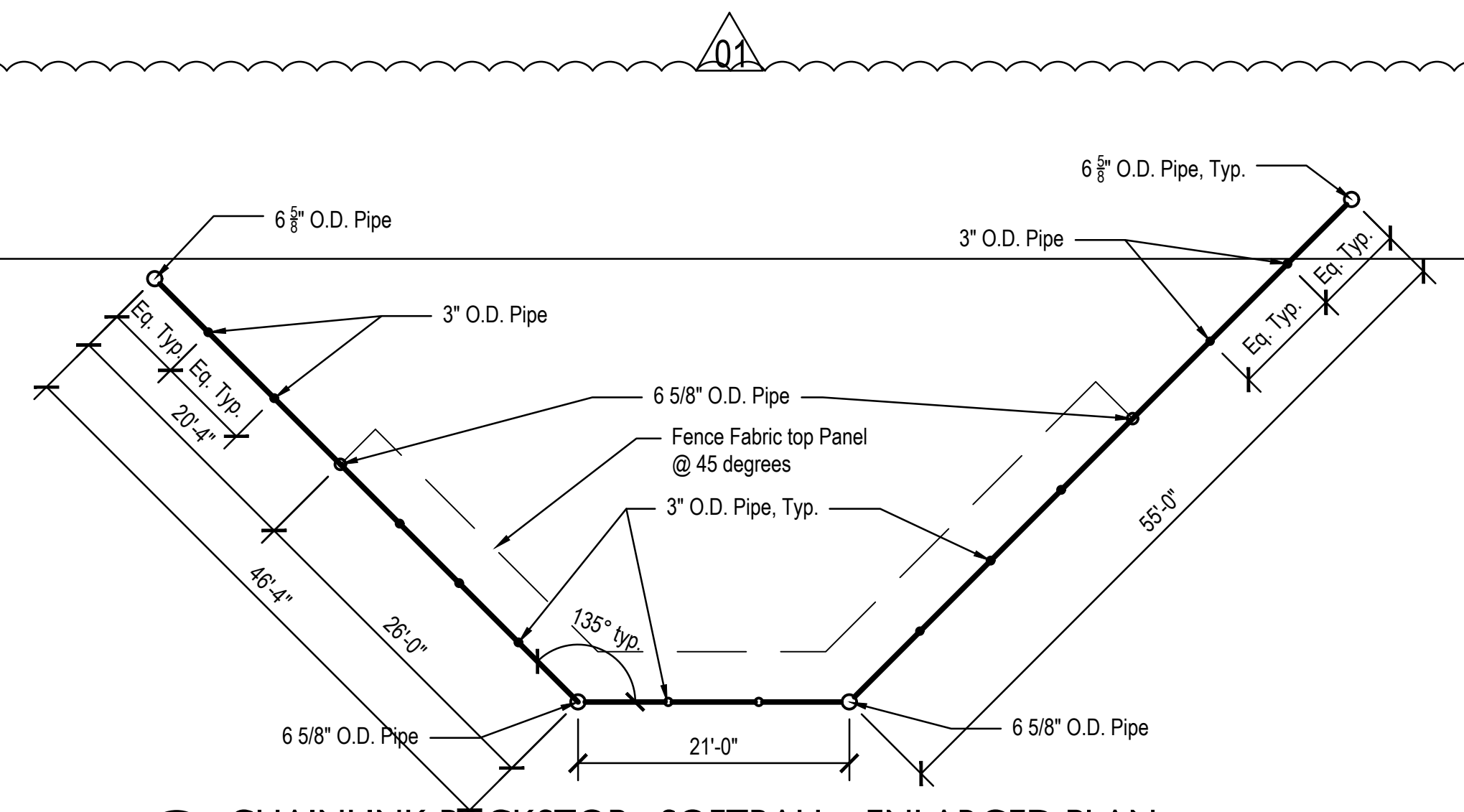


DRAWING NUMBER  
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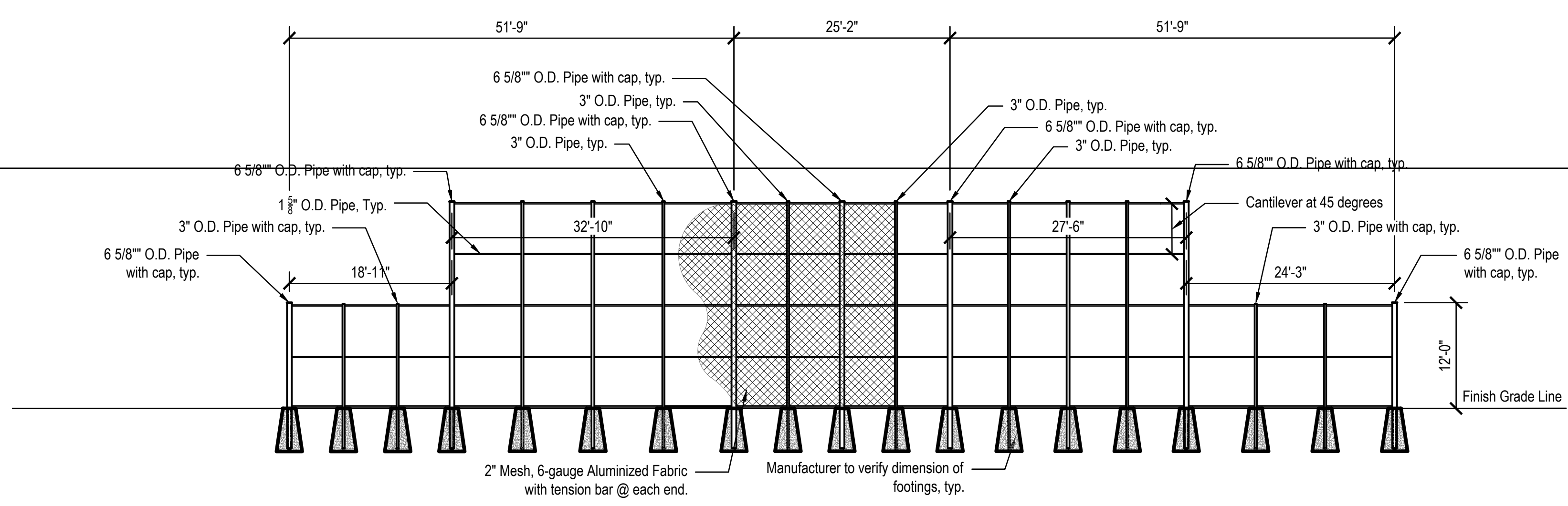
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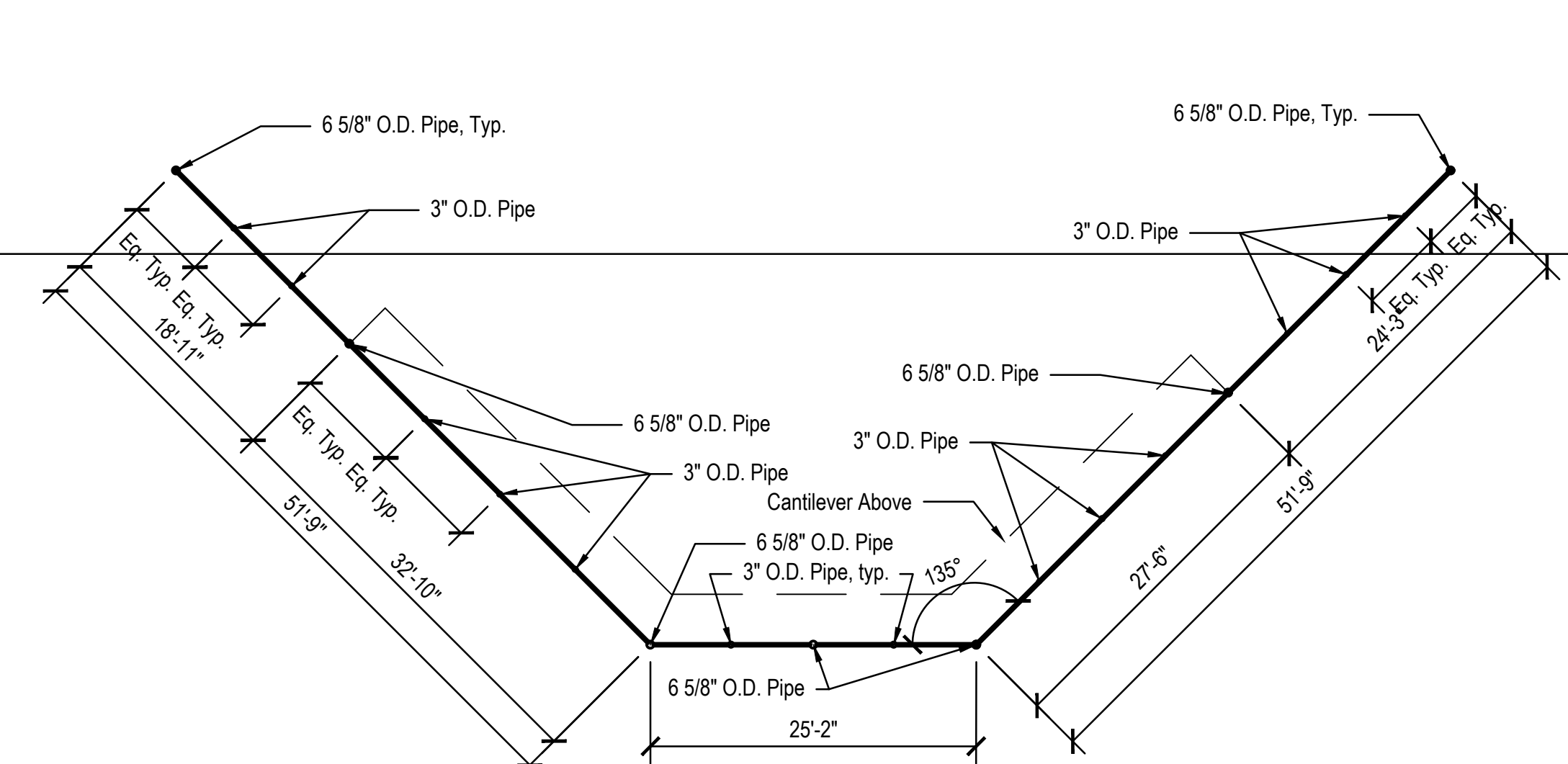
4 CHAINLINK BACKSTOP - SOFTBALL - ELEVATION  
Scale: 3/32" = 1'-0"



2 CHAINLINK BACKSTOP - SOFTBALL - ENLARGED PLAN  
Scale: 3/32" = 1'-0"



3 CHAINLINK BACKSTOP - BASEBALL - SECTION  
Scale: 3/32" = 1'-0"



1 CHAINLINK BACKSTOP - BASEBALL - ENLARGED PLAN  
Scale: 3/32" = 1'-0"



**CSO**

8831 Keystone Crossing, Indianapolis, IN 46240  
317-948-7800 | csoinc.net

**context DESIGN**

5825 Loveton Loop E. Dr. | Indianapolis, IN 46216  
317-465-9700 | www.context-design.com

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS**

17707 CENTENNIAL RD. WESTFIELD, IN 48074

SCOPE DRAWINGS:  
These drawings indicate the general concept of the project in terms of architectural design concept, the dimensions of the building, the major structural elements and the type of construction materials and methods to be used. 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 by these drawings, the contractor shall submit all items required for the proper execution and completion of the work.

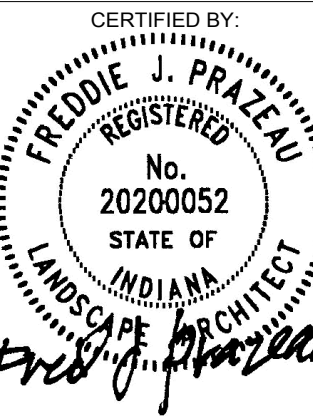
REVISIONS:

1	Addendum 2	2024/06/17
2	Addendum 3	2024/06/24
3	Addendum 6	2024/08/16

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

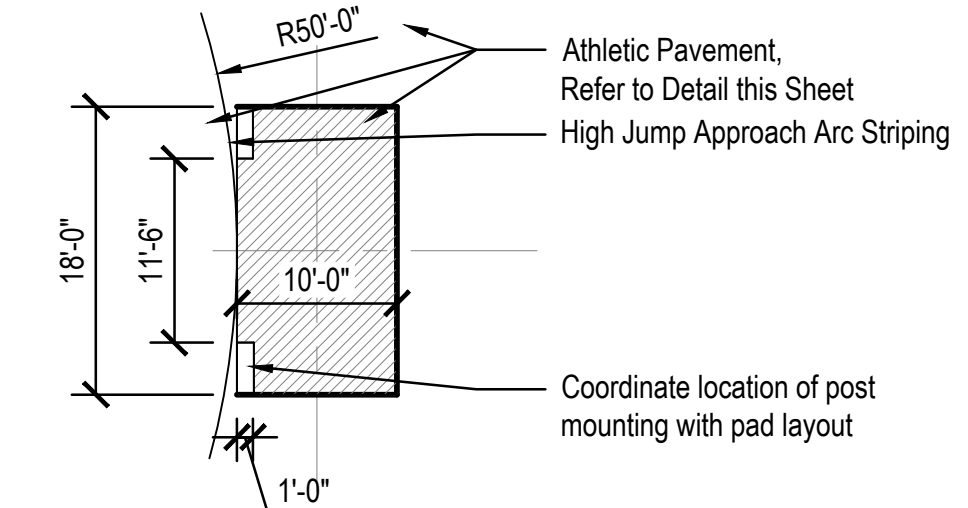
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**ATHLETIC DETAILS**

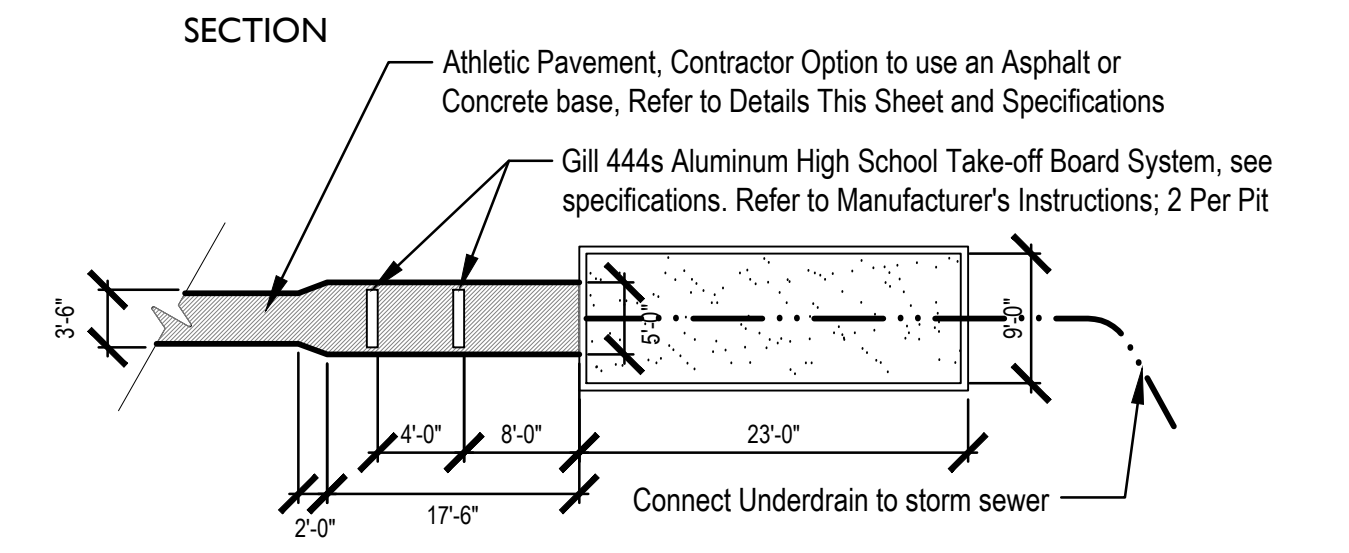
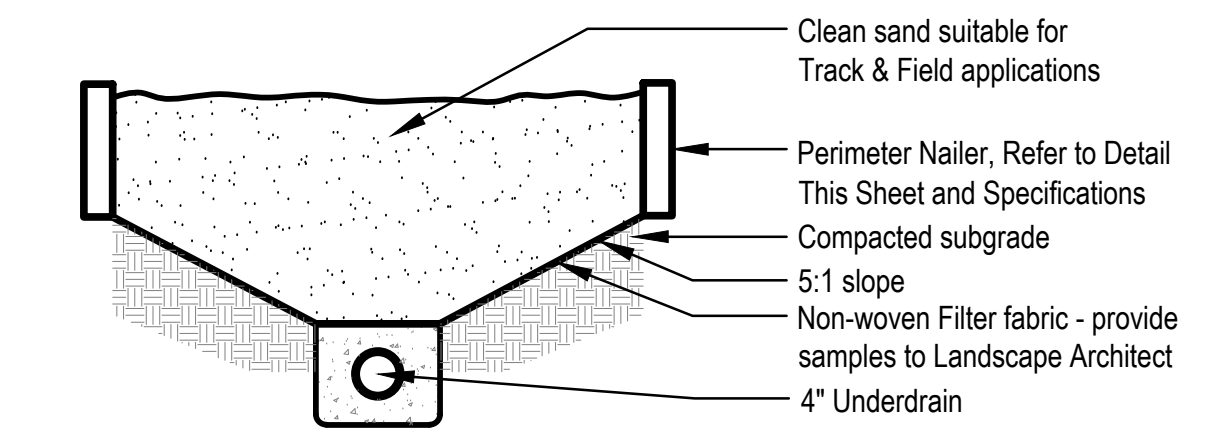


DRAWING NUMBER  
**L513**

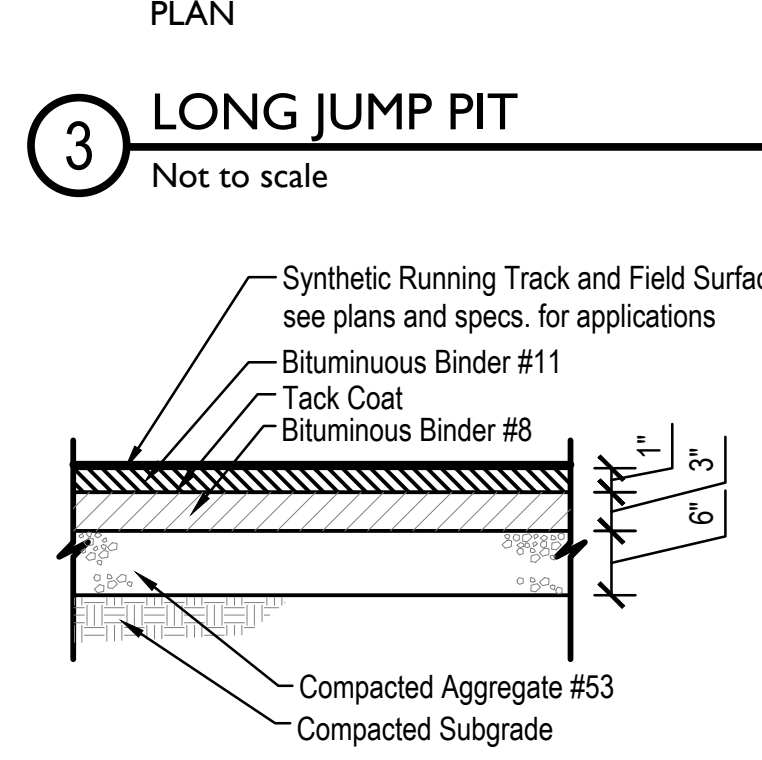
PROJECT NUMBER  
**2023016**



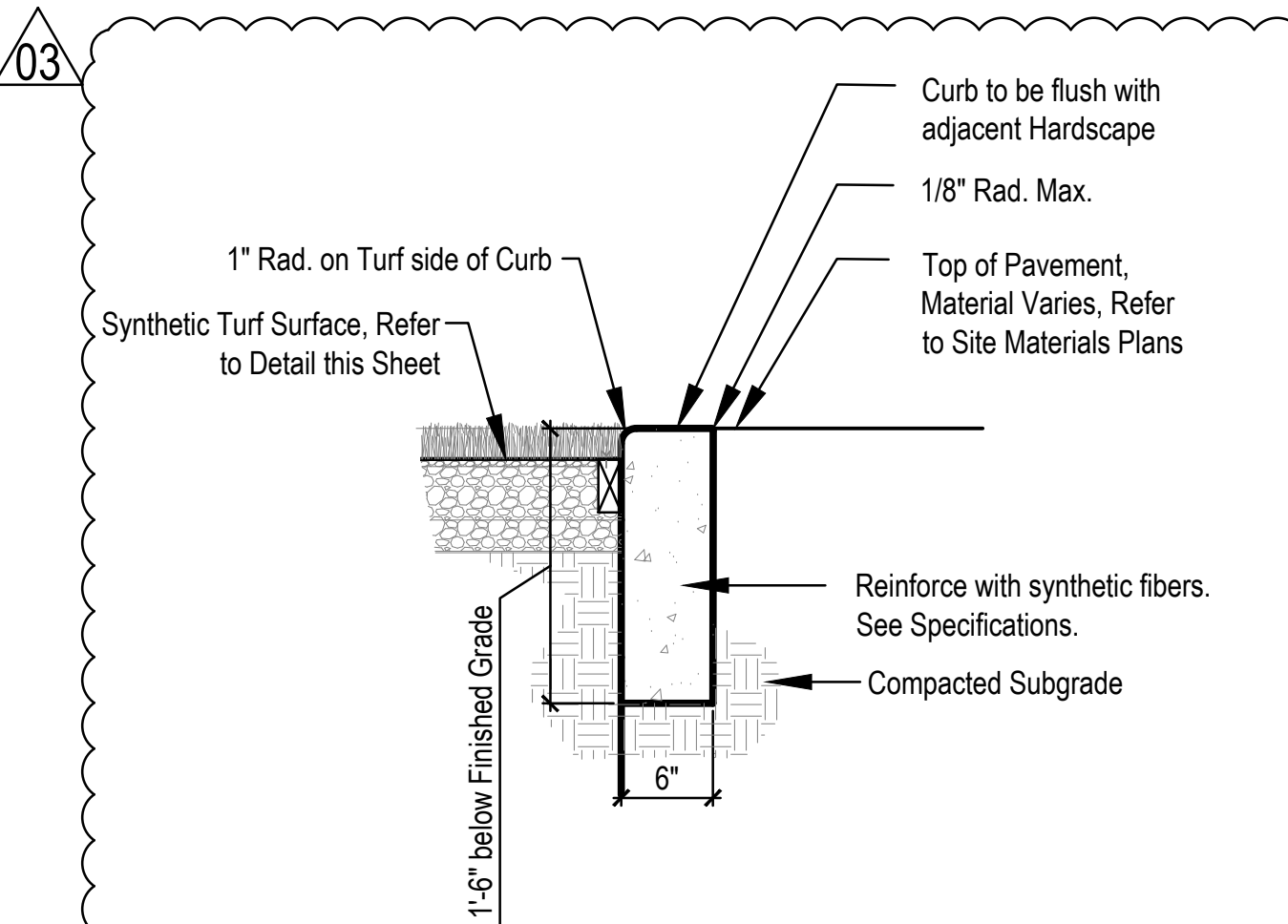
**4 HIGH JUMP LANDING ZONE**  
Not to Scale



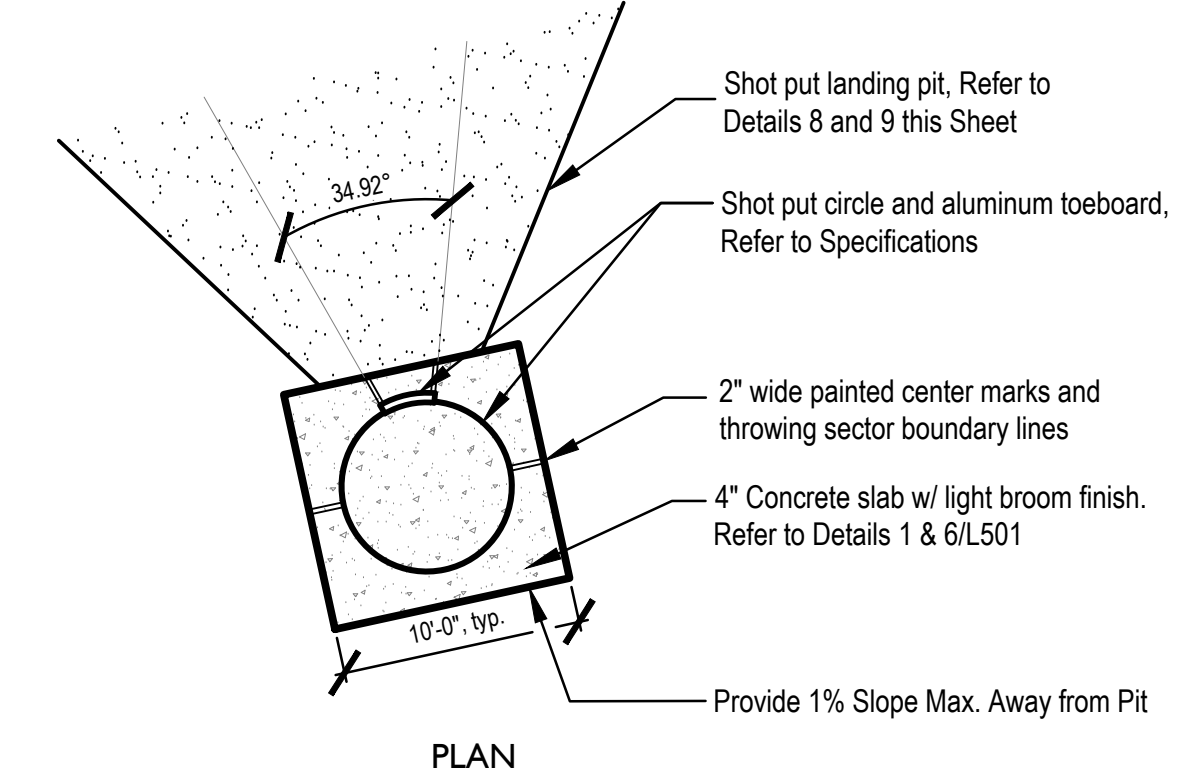
**3 LONG JUMP PIT**  
Not to scale



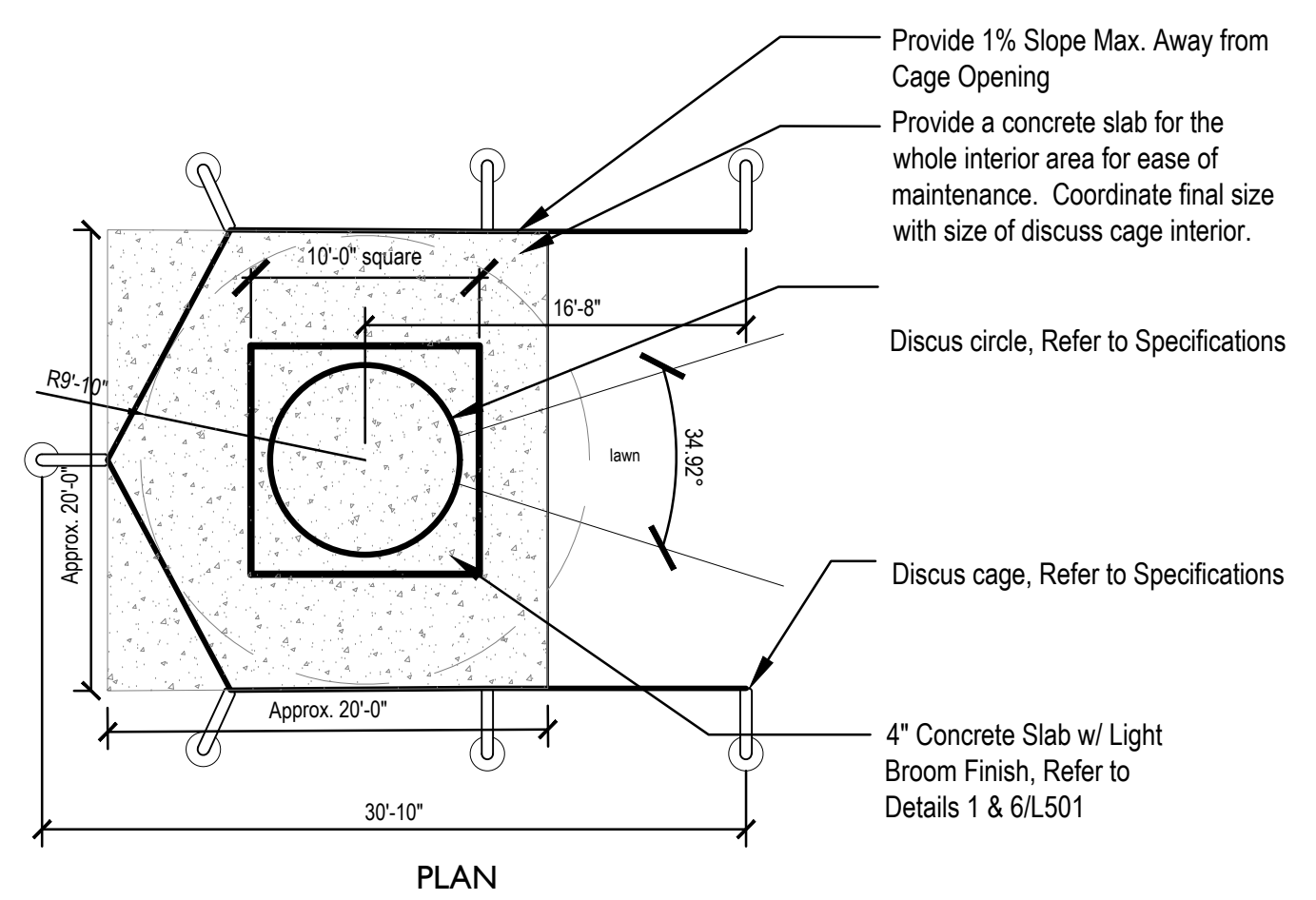
**2 TRACK PAVEMENT - ASPHALT BASE**  
Not to Scale



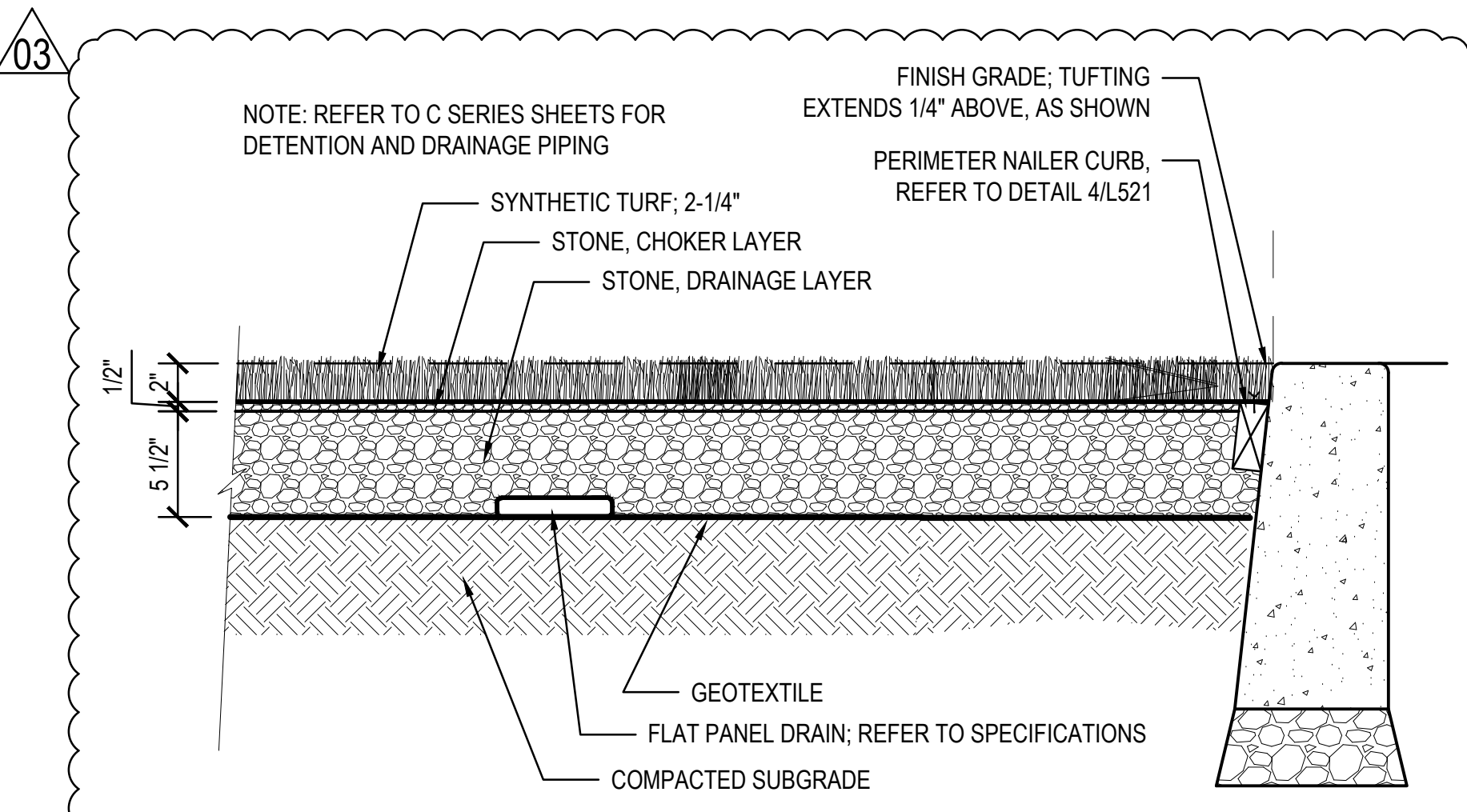
**1 PERIMETER NAILER CURB**  
1"=1'-0"



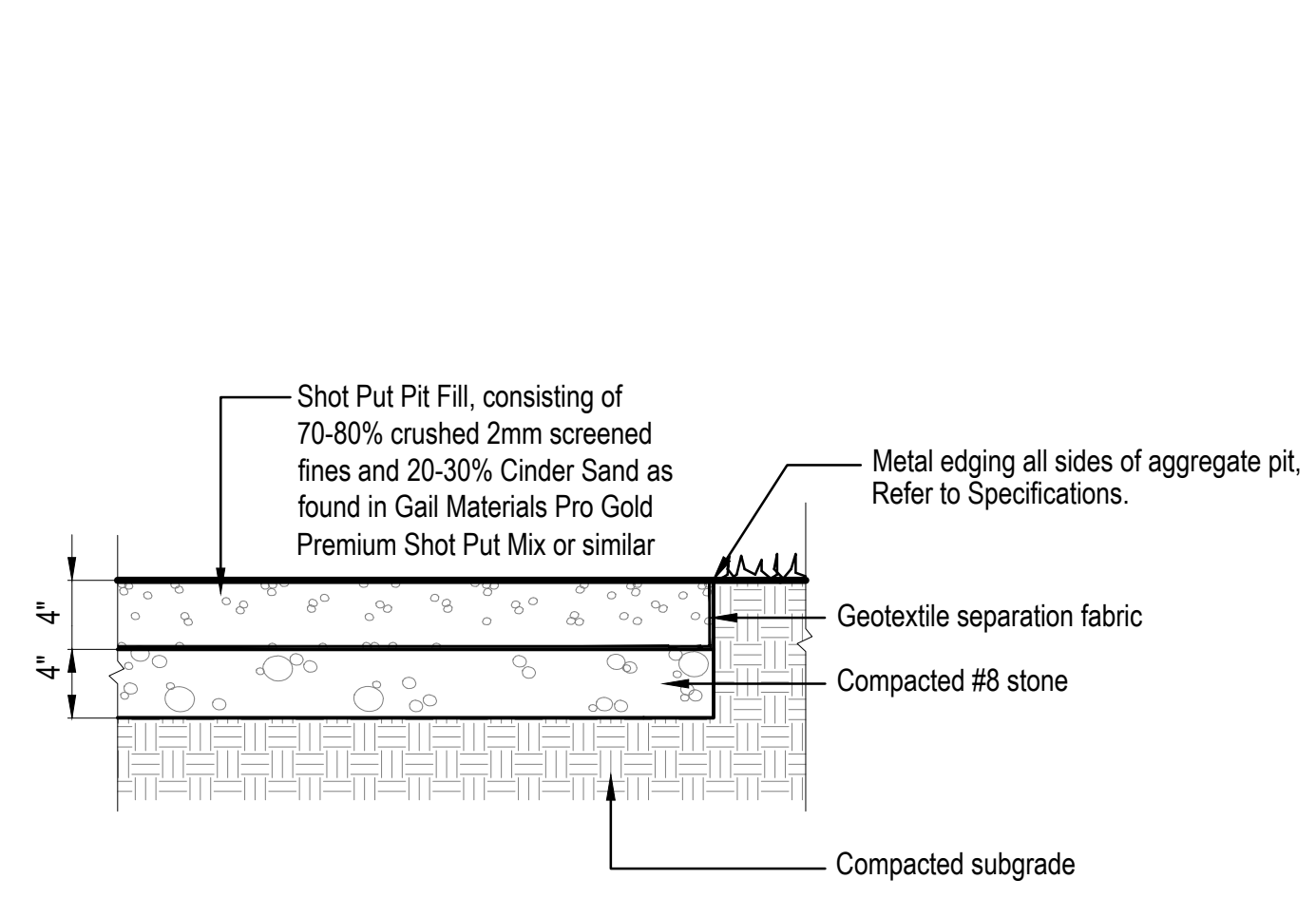
**7 SHOT PUT PAD**  
Not to scale



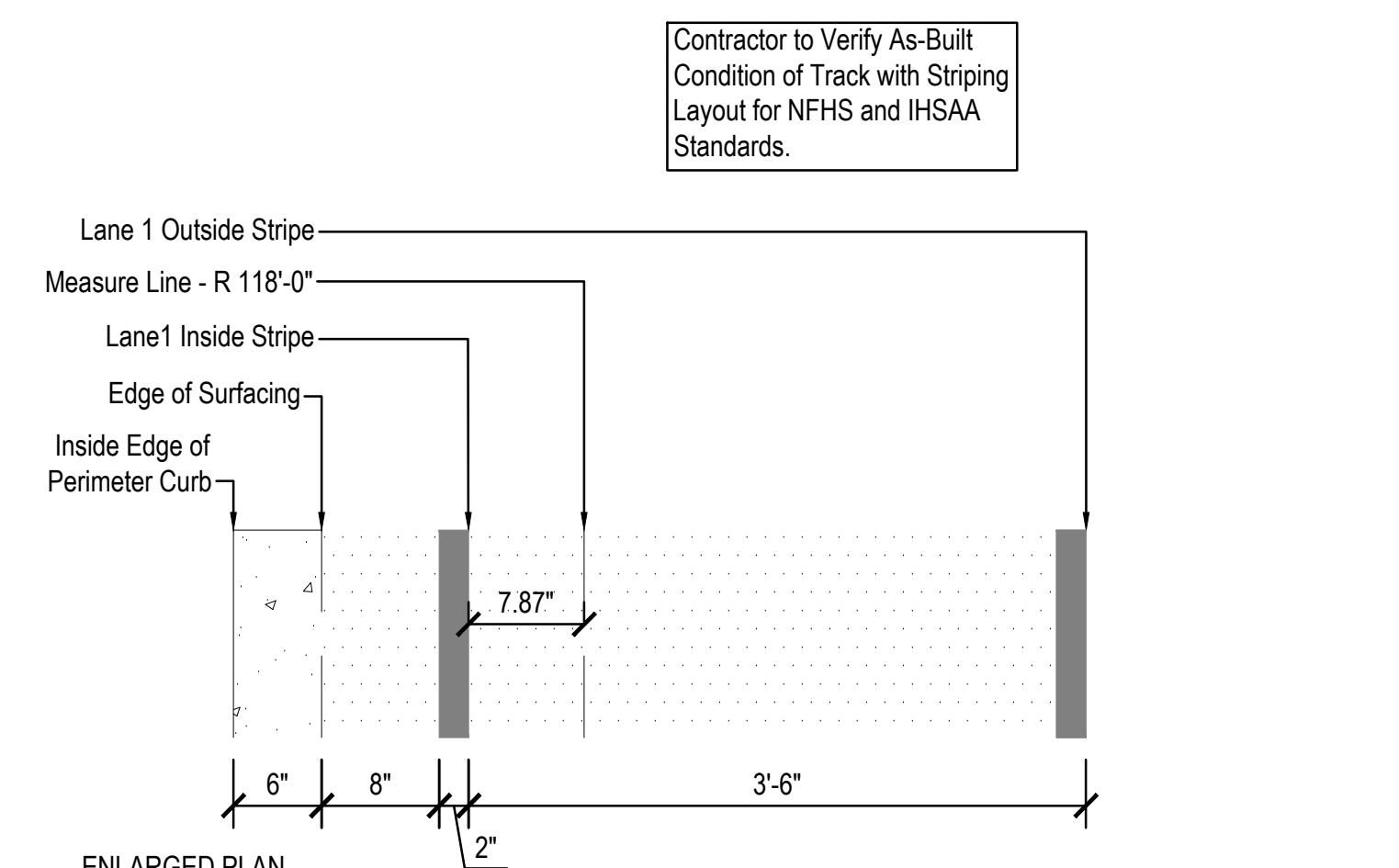
**6 DISCUS CAGE**  
Not to Scale



**9 SYNTHETIC TURF - TYPICAL SECTION**  
Scale: 1-1/2" = 1'-0"



**8 SHOT PUT PIT**  
Not to Scale



**5 PROTOTYPICAL TRACK LAYOUT AND LANE STRIPING**  
Scale: 1" = 1'-0"

Contractor to Verify As-Built Condition of Track with Striping Layout for NFHS and IHSAA Standards.



**CSO**  
 8831 Keystone Crossing, Indianapolis, IN 46240  
 317.286.7800 | CSOinc.net

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

**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
 BID DOCUMENTS  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project in accordance with the contract documents. The drawings of structural, mechanical and electrical systems are the responsibility of the respective disciplines and are not to be construed as a representation of the contractor's obligations. The contractor shall verify all dimensions and conditions of the work shown on the drawings prior to construction and shall be responsible for any discrepancies or omissions. The contractor shall be responsible for obtaining all necessary permits and approvals for the project.

**REVISIONS:**  
 ADDENDUM NO. 06 08/10/2024

**ISSUE DATE** 07/26/2024  
**DRAWN BY** JR/JURO  
**CHECKED BY** MDL

**DRAWING TITLE:**  
**FOUNDATION PLAN - UNIT D**

**CERTIFIED BY:**  
 MARK D. LAMBERT  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF INDIANA  
 PE19400114

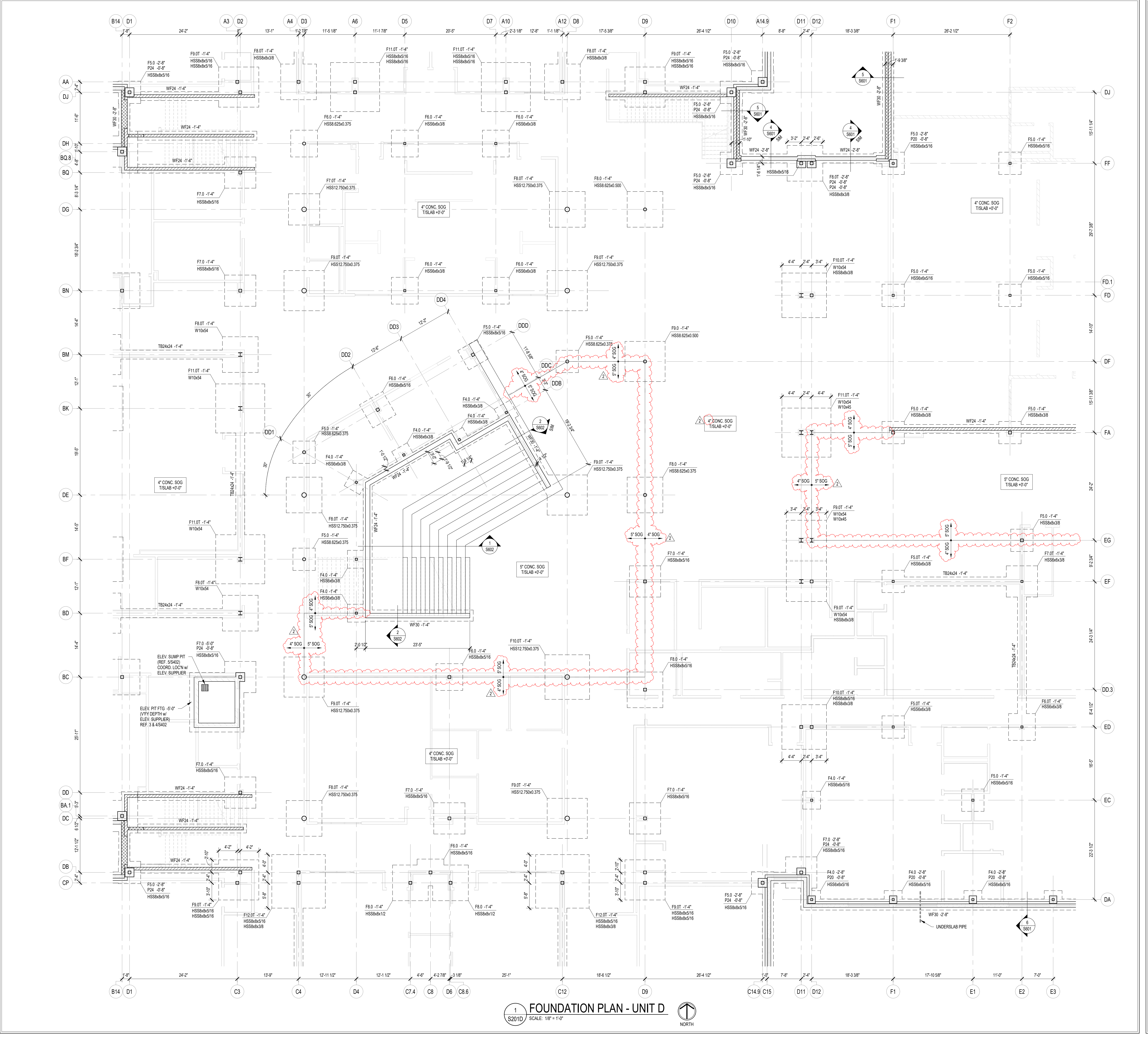
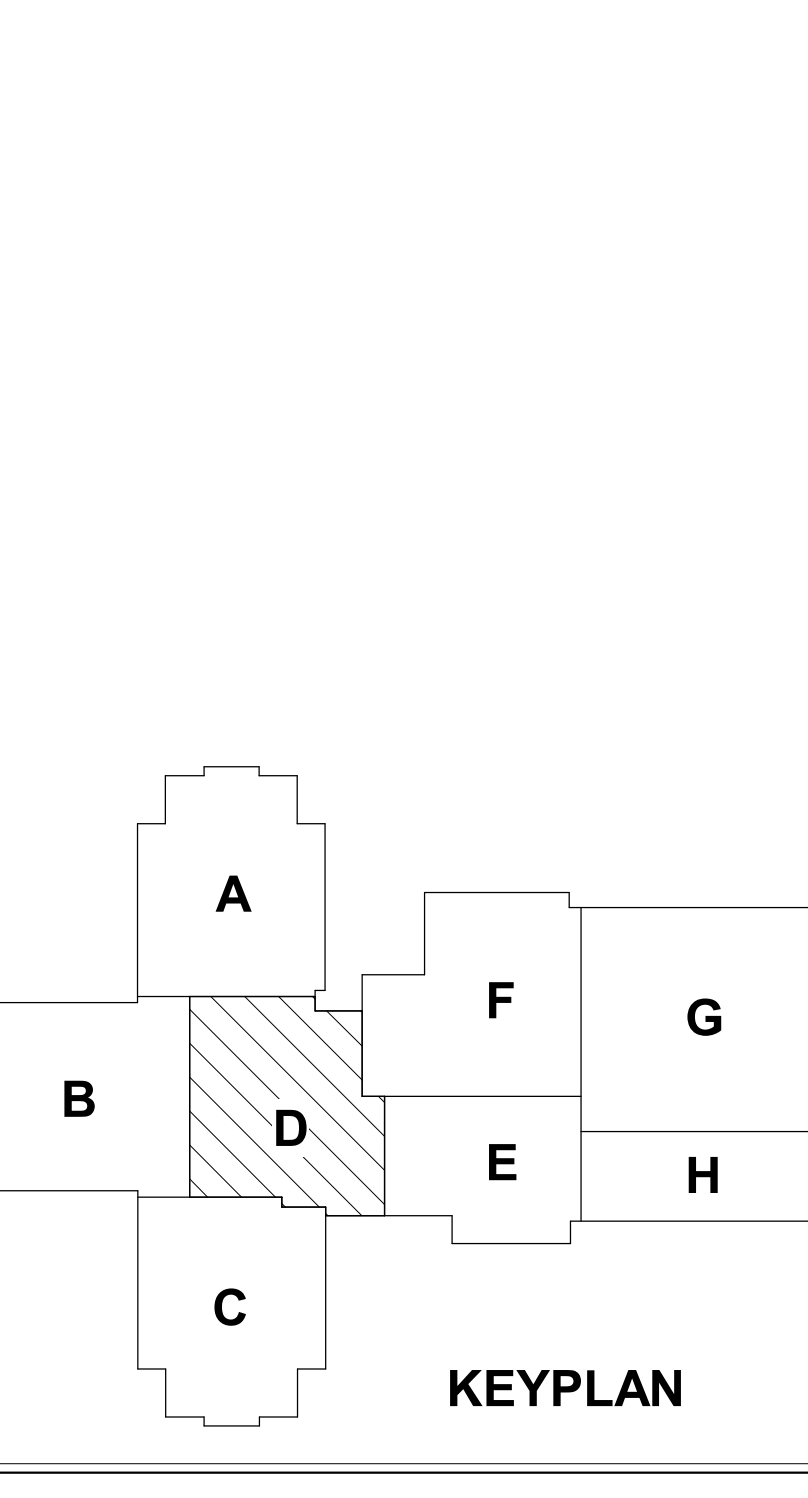
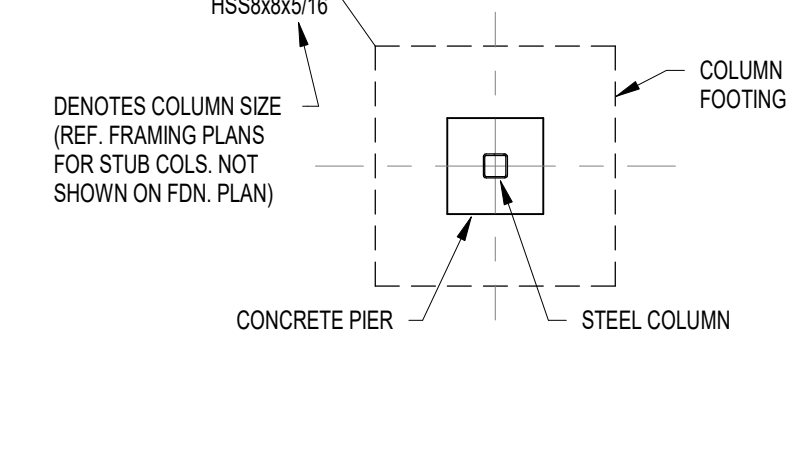
**DRAWING NUMBER**  
**S201D**

**PROJECT NUMBER**  
**2023061**

**FOUNDATION PLAN NOTES**

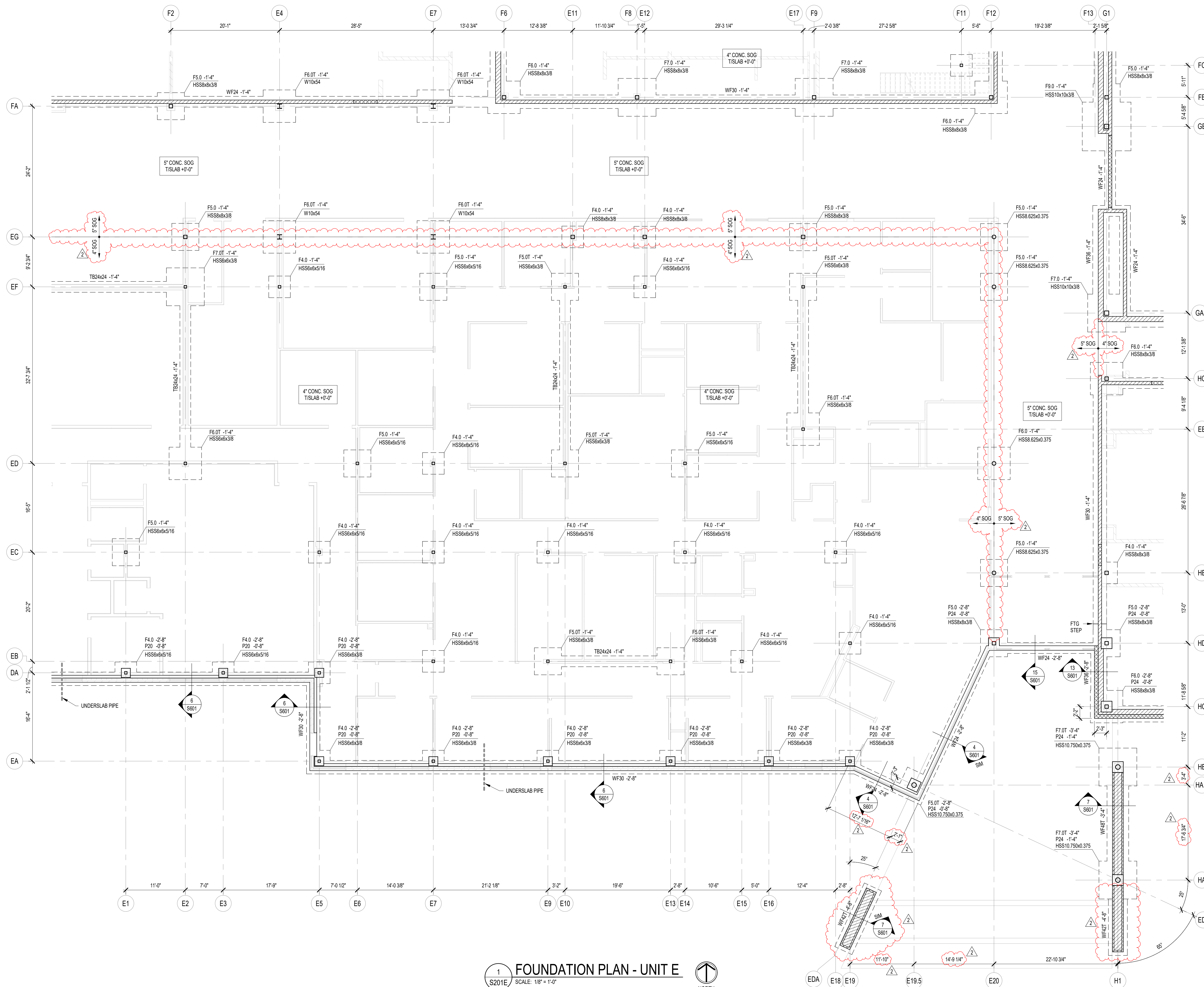
- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S400 SERIES FOR TYPICAL FOUNDATION AND MASONRY DETAILS.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). 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 ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
- NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G. SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
- ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- PROVIDE CMU REINFORCING AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLANS & SECTIONS:  
 12" CMU, EXTERIOR (> 27" TALL): #6 @ 16" OC  
 12" CMU, EXTERIOR (< 27" TALL): #6 @ 32" OC  
 12" CMU, INTERIOR (> 27" TALL): #6 @ 32" OC  
 12" CMU, INTERIOR (< 27" TALL): #6 @ 32" OC  
 10" CMU, EXTERIOR: #6 @ 32" OC  
 10" CMU, INTERIOR: #6 @ 32" OC  
 8" CMU: #5 @ 32" OC  
 FOUNDATION WALLS NOT EXTENDING ABOVE GRADE: #5 @ 48" OC
- NOTE: WHERE ONLY THE UPPER PORTION OF WALL HAS EXTERIOR EXPOSURE, THE ENTIRE WALL IS AN EXTERIOR WALL FOR REINFORCING PURPOSES.
- PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10" O.C. MAX. VERTICAL SPACING). PROVIDE 1/2" OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- COORDINATE REINFORCING DOVELS FOR CMU VERTICAL REINFORCING WITH REINFORCING NOTED ON PLANS & SECTIONS.
- GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
- PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
- ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
- PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
- EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING AND SLUSHING). HOWEVER, THE PLAN DIMENSION OF EARTH-FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING (I.E. 2" WIDE WALL FOOTINGS SHALL BE 2" WIDE AND 5" SQUARE COLUMN FOOTINGS SHALL BE 5" SQUARE).
- SUBSTITUTION OF POLYPROPYLENE FIBER SECONDARY REINFORCING FOR WELDED WIRE FABRIC IS PERMITTED FOR SLABS ON GRADE EXCEPT FOR CYMBALUM SLABS AND SLABS THAT RECEIVE EPOXY FLOORING. (COORD. LOCATIONS WITH ARCHITECTURAL FINISH PLANS).
- REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.

- PLAN LEGEND:**
- FF DENOTES FIN. FLOOR
  - 7/8" DENOTES TOP OF FTG. SLAB, PIER, ETC.
  - B/8" DENOTES BOTTOM OF FTG. GRADE BEAM, ETC.
  - CJ DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
  - WF24 -2'-8" DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG. SCHED.)
  - TB24x24 -1'-4" DENOTES THE BEAM MARK & TBEAM ELEVATION (REF. THE BEAM SCHEDULE)
  - DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401
  - DENOTES CMU FOUNDATION WALL
  - DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS
  - #5 @ 32" OC DENOTES CMU WALL VERT. REINFORCING SIZE & SPACING. IF NOT SHOWN, PROVIDE MIN. PER NOTE 10 ABOVE.
  - 4" CONC. SOG T/SLAB +0'-0" DENOTES SLAB ON GRADE THICKNESS & T/SLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 8" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING:  
 4" SLAB: 6x6-W1 4xW1 4 W/WF  
 5" SLAB: 6x6-W2 1xW1 1 W/WF  
 6" SLAB: 6x6-W2 2xW1 2 W/WF
  - DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE COL. FTG. SCHED. ON S002)
  - F7.0 -2'-8" P24 -0'-8" HSS8x6x5/16 DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED. ON S002)
  - DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COLS. NOT SHOWN ON FDN. PLAN)
  - CONCRETE PIER
  - STEEL COLUMN



**1 FOUNDATION PLAN - UNIT D**  
 S201D SCALE: 1/8" = 1'-0"





1 FOUNDATION PLAN - UNIT E  
SCALE: 1/8" = 1'-0"



**FOUNDATION PLAN NOTES**

- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S400 SERIES FOR TYPICAL FOUNDATION 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 ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 924.00). 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 ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
- NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G. SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
- ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- PROVIDE CMU REINFORCING AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLANS & SECTIONS:
 

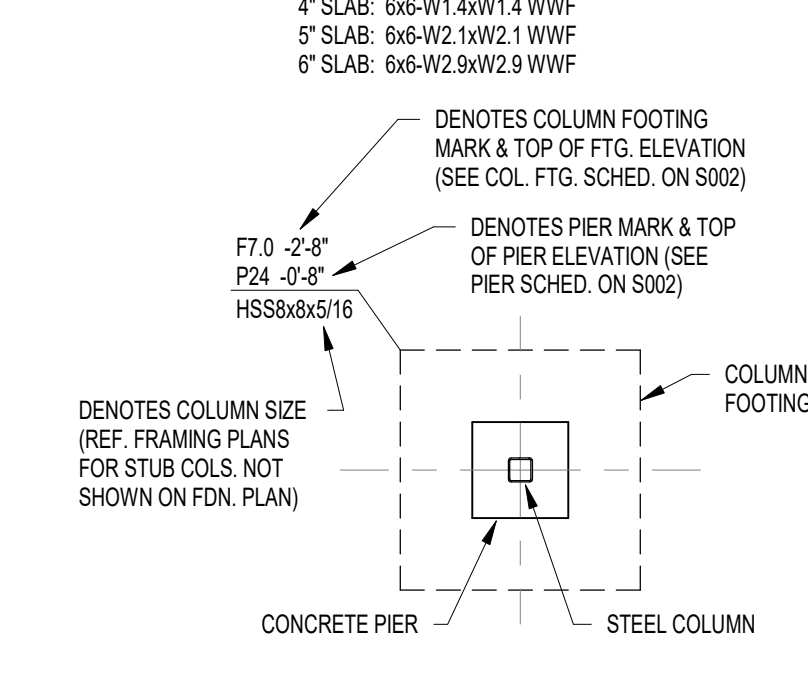
12" CMU, EXTERIOR (> 27" TALL)	#6 @ 16" OC
12" CMU, EXTERIOR (< 27" TALL)	#6 @ 32" OC
12" CMU, INTERIOR (> 27" TALL)	#6 @ 32" OC
12" CMU, INTERIOR (< 27" TALL)	#6 @ 32" OC
10" CMU, EXTERIOR	#6 @ 32" OC
10" CMU, INTERIOR	#6 @ 32" OC
8" CMU	#5 @ 32" OC
6" CMU	#5 @ 48" OC

NOTE: WHERE ONLY THE UPPER PORTION OF WALL HAS EXTERIOR EXPOSURE, THE ENTIRE WALL IS AN EXTERIOR WALL FOR REINFORCING PURPOSES.)

PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS AT CHANGES IN CMU THICKNESS AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" MAX VERTICAL SPACING). PROVIDE 1/2" OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.

- COORDINATE REINFORCING DOVELS FOR CMU VERTICAL REINFORCING WITH REIN. NOTED ON PLANS & SECTIONS.
- GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
- PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
- ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
- PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
- EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING AND SLUICING). HOWEVER, THE PLAN DIMENSION OF EARTH-FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING (I.E. 2" WIDE WALL FOOTINGS SHALL BE 2" WIDE AND 5" SQUARE COLUMN FOOTINGS SHALL BE 5" SQUARE).
- SUBSTITUTION OF POLYPROPYLENE FIBER SECONDARY REINFORCING FOR WELDED WIRE FABRIC IS PERMITTED FOR SLABS ON GRADE EXCEPT FOR CYMNASIUM SLABS AND SLABS THAT RECEIVE EPOXY FINISH FLOORING (COORD. LOCATIONS WITH ARCHITECTURAL FINISH PLANS).
- REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.

19. PLAN LEGEND:
- |                            |  |
|----------------------------|--|
| FF                         | DENOTES FIN. FLOOR   |
| 7/8"                       | DENOTES TOP OF FTG. SLAB, PIER, ETC.   |
| B/X                        | DENOTES BOTTOM OF FTG. GRADE BEAM, ETC.  |
| CJ                         | DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT  |
| WF24 -2'-8"                | DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG. SCHED.)   |
| TB24x24 -1'-4"             | DENOTES THE BEAM MARK & TBEAM ELEVATION (REF. THE BEAM SCHEDULE)   |
| (Symbol)                   | DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401  |
| (Symbol)                   | DENOTES CMU FOUNDATION WALL  |
| (Symbol)                   | DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS  |
| #5@32"OC                   | DENOTES CMU WALL VERT. REINF. SIZE & SPACING. IF NOT SHOWN, PROVIDE MIN. PER NOTE 10 ABOVE.  |
| 4" CONC. SOG TISLAB +0'-0" | DENOTES SLAB ON GRADE THICKNESS & TISLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 4" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: |



**CSO**  
8831 Keystone Crossing, Indianapolis, IN 46240  
317.248.7800 | CSOinc.net

**HJB**  
Lynch, Harrison & Brumleve, Inc.  
550 Virginia Avenue, Indianapolis, IN 46203  
317.423.1551

**PROJECT:**  
WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
**BID DOCUMENTS**  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of mechanical design content. The drawings of electrical, mechanical and electrical systems are not included in the project. The drawings are not intended to be used as a basis for construction or completion of the project. On the basis of the general scope indicated on drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

**REVISIONS:**  
ADDITION NO. 06 08/10/2024

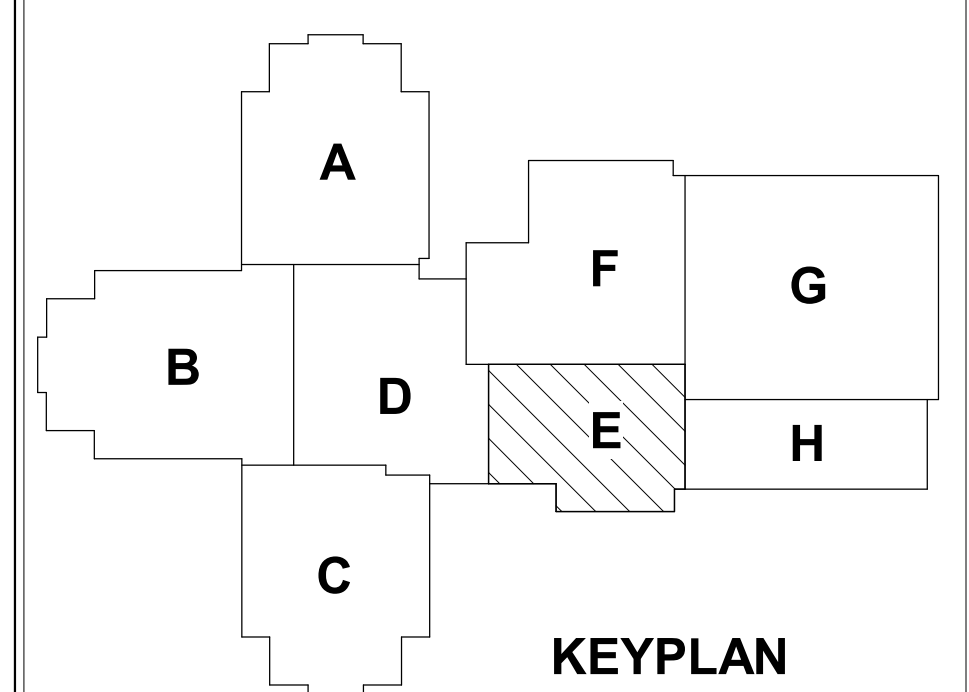
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRVJRO	MDL

**DRAWING TITLE:**  
FOUNDATION PLAN - UNIT E

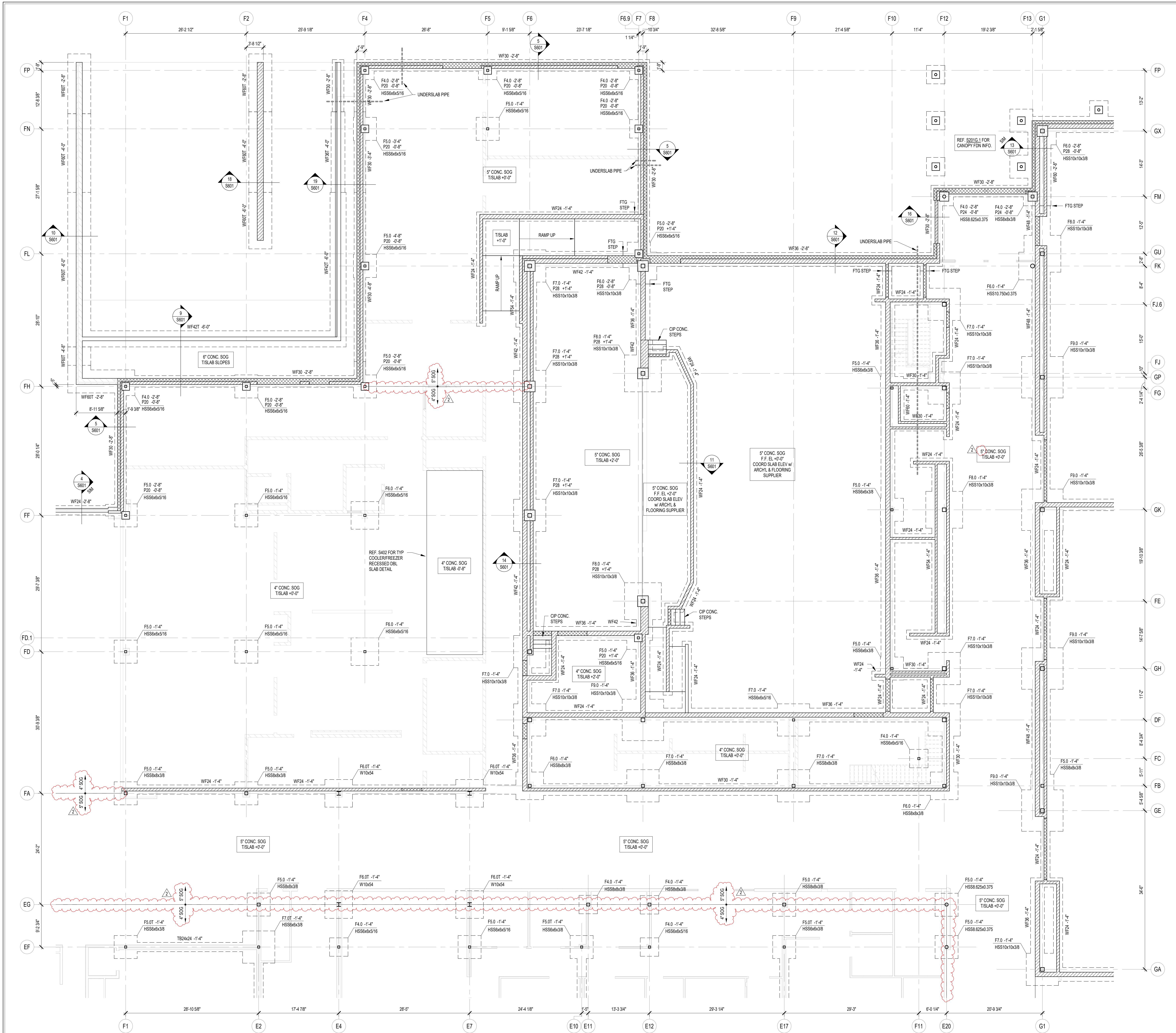
**CERTIFIED BY:**  
MARK D. LAY  
REGISTERED PROFESSIONAL ENGINEER  
PE19400114  
STATE OF INDIANA

**DRAWING NUMBER:**  
S201E

**PROJECT NUMBER:**  
2023061







**FOUNDATION PLAN NOTES**

- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
  - REF. THE S400 SERIES FOR TYPICAL FOUNDATION 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 ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). 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 ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
  - NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G. SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
  - ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
  - PROVIDE CMU REINFORCING AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLANS & SECTIONS:
 

12" CMU, EXTERIOR (> 27' TALL):	#6 @ 16" OC
12" CMU, EXTERIOR (< 27' TALL):	#6 @ 32" OC
12" CMU, INTERIOR (> 27' TALL):	#6 @ 32" OC
12" CMU, INTERIOR (< 27' TALL):	#6 @ 32" OC
10" CMU, EXTERIOR:	#6 @ 32" OC
10" CMU, INTERIOR:	#6 @ 32" OC
8" CMU:	#6 @ 32" OC
6" CMU:	#6 @ 48" OC
  - FOUNDATION WALLS NOT EXTENDING ABOVE GRADE: #5 @ 48" OC
- (NOTE: WHERE ONLY THE UPPER PORTION OF WALL HAS EXTERIOR EXPOSURE, THE ENTIRE WALL IS AN EXTERIOR WALL FOR REINFORCING PURPOSES.)
- PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS AT CHANGES IN CMU THICKNESS AND WHERE INDICATED ON PLANS & SECTIONS (10" O.C. MAX. VERTICAL SPACING). PROVIDE 1/2" OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
  - COORDINATE REINFORCING DOVELS FOR CMU VERTICAL REINFORCING WITH REINFORCING NOTED ON PLANS & SECTIONS.
  - GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
  - PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
  - ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
  - PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
  - EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING AND SLUICING). HOWEVER, THE PLAN DIMENSION OF EARTH-FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING (I.E. 2" WIDE WALL FOOTINGS SHALL BE 2" WIDE AND 5" SQUARE COLUMN FOOTINGS SHALL BE 5" 4" SQUARE).
  - SUBSTITUTION OF POLYPROPYLENE FIBER SECONDARY REINFORCING FOR WELDED WIRE FABRIC IS PERMITTED FOR SLABS ON GRADE EXCEPT FOR CYMNASIUM SLABS AND SLABS THAT RECEIVE EPOXY FINISH FLOORING (COORD. LOCATIONS WITH ARCHITECTURAL FINISH PLANS).
  - REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.

19. PLAN LEGEND:
- |                            |  |
|----------------------------|--|
| FF                         | DENOTES FIN. FLOOR   |
| 7'x                        | DENOTES TOP OF FTG. SLAB, PIER, ETC.   |
| B'x                        | DENOTES BOTTOM OF FTG. GRADE BEAM, ETC.  |
| CJ                         | DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT  |
| WF24 -2'-8"                | DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG. SCHED.)   |
| TB24x24 -1'-4"             | DENOTES THE BEAM MARK & TBEAM ELEVATION (REF. THE BEAM SCHEDULE)   |
| (Symbol)                   | DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401  |
| (Symbol)                   | DENOTES CMU FOUNDATION WALL  |
| (Symbol)                   | DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS  |
| #6@32"OC                   | DENOTES CMU WALL VERT. REINF. SIZE & SPACING. IF NOT SHOWN, PROVIDE MIN. PER NOTE 10 ABOVE.  |
| 4" CONC. SOG TISLAB +0'-0" | DENOTES SLAB ON GRADE THICKNESS & TISLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 8" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: |
| 4" SLAB: 6x6-W1 4xW1 4 W/W |  |
| 5" SLAB: 6x6-W2 1xW1 1 W/W |  |
| 6" SLAB: 6x6-W2 2xW1 2 W/W |  |



**WCSO**  
 8831 Keystone Crossing, Indianapolis, IN 46240  
 317.287.7800 | 5061nc@net

**HJB**  
 Lynch, Harrison & Brumleve, Inc.  
 550 Virginia Avenue, Indianapolis, IN 46203  
 317.423.1551

**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST  
 BID DOCUMENTS**  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

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 the performance and completion of the Contract. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:  
 ADDENDUM NO. 05 08/09/2024  
 ADDENDUM NO. 06 08/16/2024

ISSUE DATE: 07/26/2024  
 DRAWN BY: JRV/RO  
 CHECKED BY: MDL

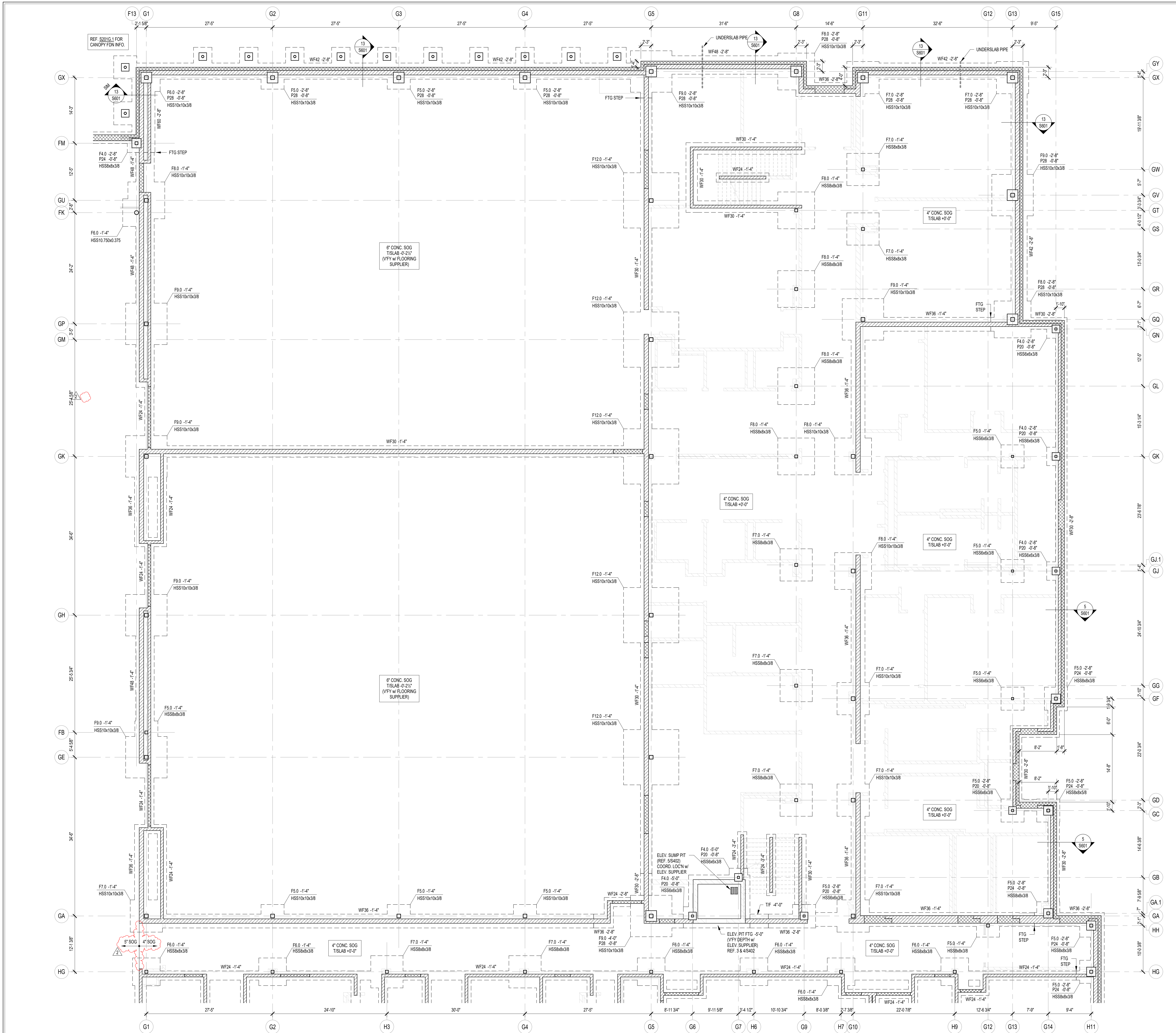
DRAWING TITLE:  
**FOUNDATION PLAN - UNIT F**

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

DRAWING NUMBER:  
**S201F**

PROJECT NUMBER:  
 2023061

**FOUNDATION PLAN - UNIT F**  
 SCALE: 1/8" = 1'-0"  
 NORTH



**FOUNDATION PLAN NOTES**

- REF. S301 & S302 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
  - REF. THE S400 SERIES FOR TYPICAL FOOTINGS 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 ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). 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 ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
  - NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G. SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
  - ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
  - PROVIDE CMU REINFORCING AS FOLLOWS, UNLESS NOT OTHERWISE ON PLANS & SECTIONS.
 

12" CMU, EXTERIOR (> 27" TALL)	#6 @ 16" OC
12" CMU, EXTERIOR (< 27" TALL)	#6 @ 32" OC
12" CMU, INTERIOR (> 27" TALL)	#6 @ 32" OC
12" CMU, INTERIOR (< 27" TALL)	#6 @ 32" OC
10" CMU, EXTERIOR	#6 @ 32" OC
10" CMU, INTERIOR	#6 @ 32" OC
8" CMU	#6 @ 32" OC
6" CMU	#6 @ 48" OC
  - FOUNDATION WALLS NOT EXTENDING ABOVE GRADE: #5 @ 48" OC
- (NOTE: WHERE ONLY THE UPPER PORTION OF WALL HAS EXTERIOR EXPOSURE, THE ENTIRE WALL IS AN EXTERIOR WALL FOR REINFORCING PURPOSES.)
- PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" OC MAX VERTICAL SPACING). PROVIDE 1/2" OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- COORDINATE REINFORCING DOVELS FOR CMU VERTICAL REINFORCING WITH REIN. NOTED ON PLANS & SECTIONS.
  - GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
  - PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
  - ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
  - PROVIDE CONTROL CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
  - EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CUTTING AND SLUICING). HOWEVER, THE PLAN DIMENSION OF EARTH-FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING (I.E. 2" WIDE WALL FOOTINGS SHALL BE 2" WIDE AND 5'-4" SQUARE COLUMN FOOTINGS SHALL BE 5'-4" SQUARE).
  - SUBSTITUTION OF POLYPROPYLENE FIBER SECONDARY REINFORCING FOR WELDED WIRE FABRIC IS PERMITTED FOR SLABS ON GRADE EXCEPT FOR CYLINDRICAL SLABS AND SLABS THAT RECEIVE EPOXY FINISH FLOORING (COORD. LOCATIONS WITH ARCHITECTURAL FINISH PLANS).
  - REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- PLAN LEGEND:**
- |                            |  |
|----------------------------|--|
| FF                         | DENOTES FIN. FLOOR   |
| 7'x                        | DENOTES TOP OF FTG. SLAB, PIER, ETC.   |
| B'x                        | DENOTES BOTTOM OF FTG. GRADE BEAM, ETC.  |
| CJ                         | DENOTES SLAB ON GRADE CONTROL CONTRACTION JOINT  |
| WF24 - 2'-8"               | DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG. SCHED.)   |
| TB24x24 - 1'-4"            | DENOTES THE BEAM MARK & TBEAM ELEVATION (REF. THE BEAM SCHEDULE)   |
| (Hatched pattern)          | DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401  |
| (Hatched pattern)          | DENOTES CMU FOUNDATION WALL  |
| (Hatched pattern)          | DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS  |
| #6@32"OC                   | DENOTES CMU WALL VERT. REIN. SIZE & SPACING. IF NOT SHOWN, PROVIDE MIN. PER NOTE 10 ABOVE.   |
| 4" CONC. SOG TISLAB +0'-0" | DENOTES SLAB ON GRADE THICKNESS & TISLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 4" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: |
- 4" SLAB: 6x6-W14W14 WVF  
 5" SLAB: 6x6-W12-W12 WVF  
 6" SLAB: 6x6-W20-W20 WVF
- DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE COL. FTG. SCHED. ON S302)
- DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED. ON S302)
- DENOTES COLUMN SIZE FOR STUB COLS. NOT SHOWN ON FDN. PLAN
- CONCRETE PIER
- STEEL COLUMN



**CSO**  
 8831 Keystone Crossing, Indianapolis, IN 46240  
 317.246.7800 | CSOinc.net

**HJB**  
 Lynch, Harrison & Brumleve, Inc.  
 550 Virginia Avenue, Indianapolis, IN 46203  
 317.423.1551

**PROJECT:**  
 WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST  
**BID DOCUMENTS**  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project in terms of mechanical design content. The architectural, structural, mechanical and electrical systems shown on these drawings are not necessarily indicated or described as work required for the performance of the project. On the basis of the general scope indicated on these drawings, the trade contractors shall furnish all items required for the proper installation and completion of the work.

**REVISIONS:**  
 ADDENDUM NO. 06 08/10/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

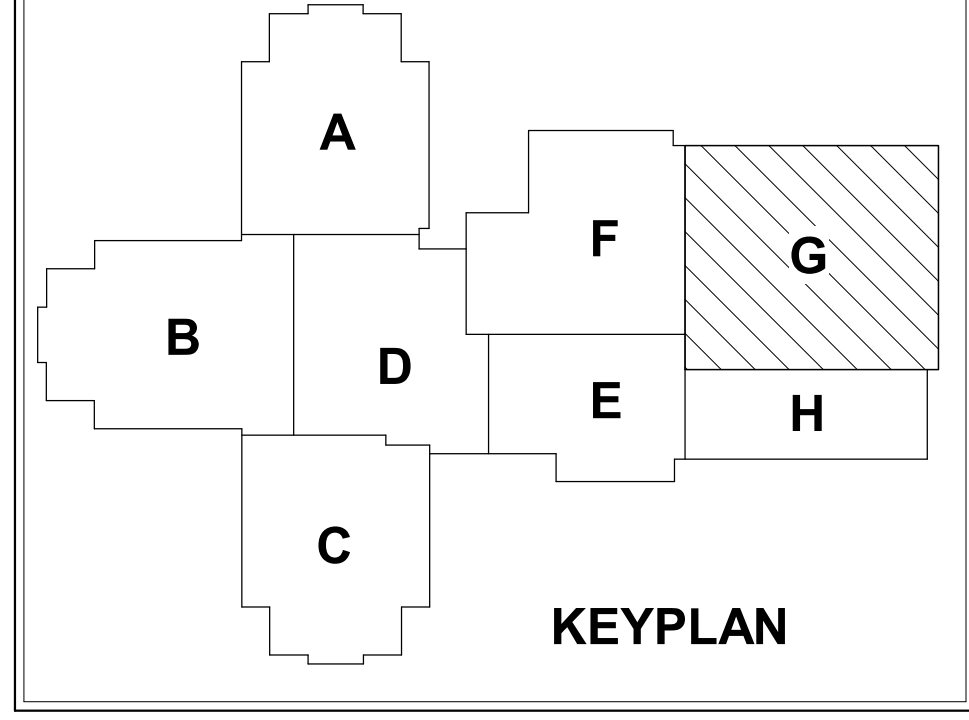
**DRAWING TITLE:**  
**FOUNDATION PLAN - UNIT G**

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

**DRAWING NUMBER:**  
**S201G**

**PROJECT NUMBER:**  
 2023061

**FOUNDATION PLAN - UNIT G**  
 SCALE: 1/8" = 1'-0"  
 NORTH



**FOUNDATION PLAN NOTES**

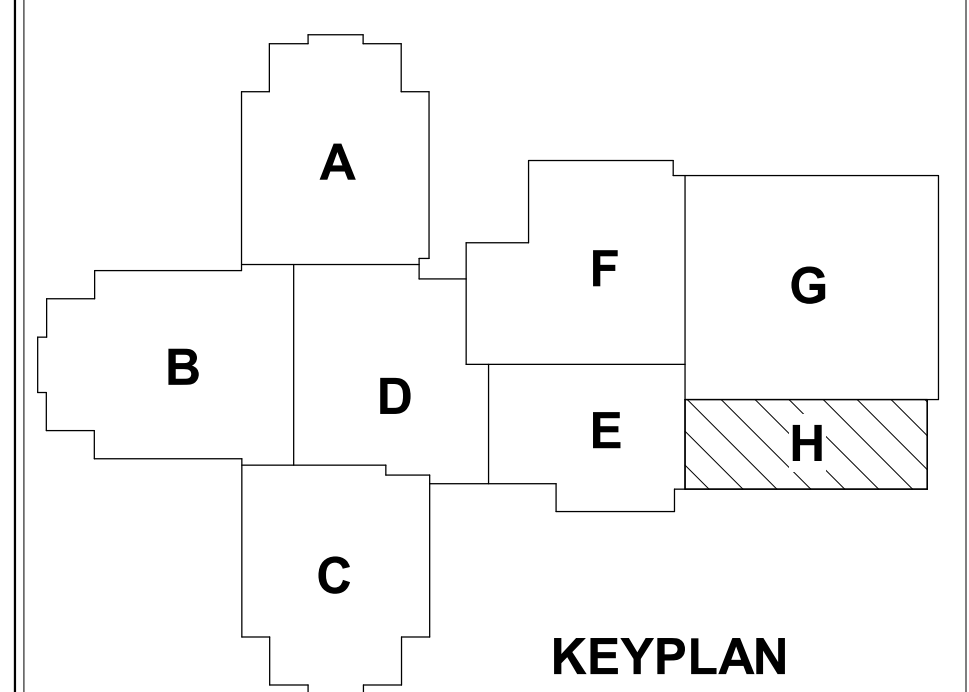
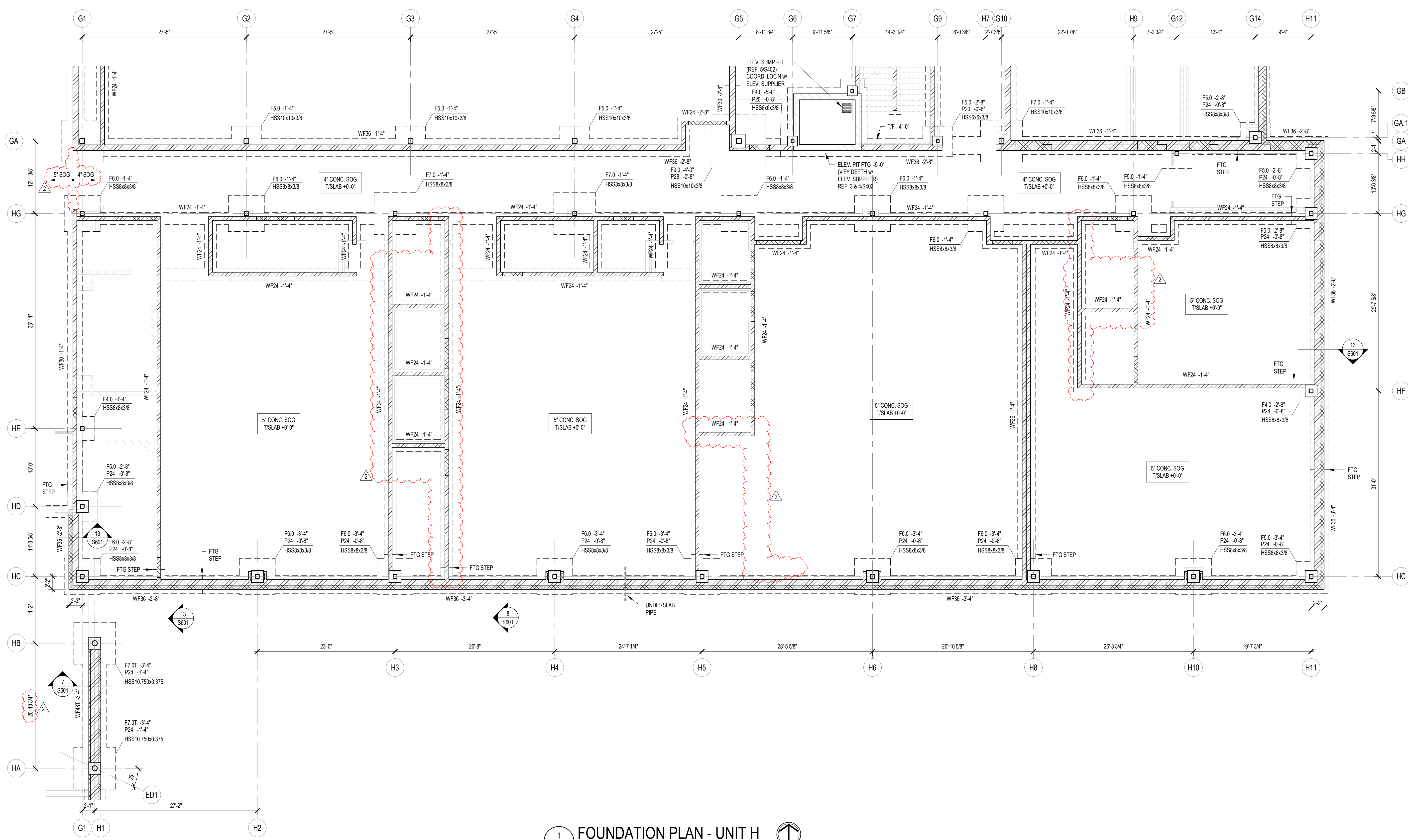
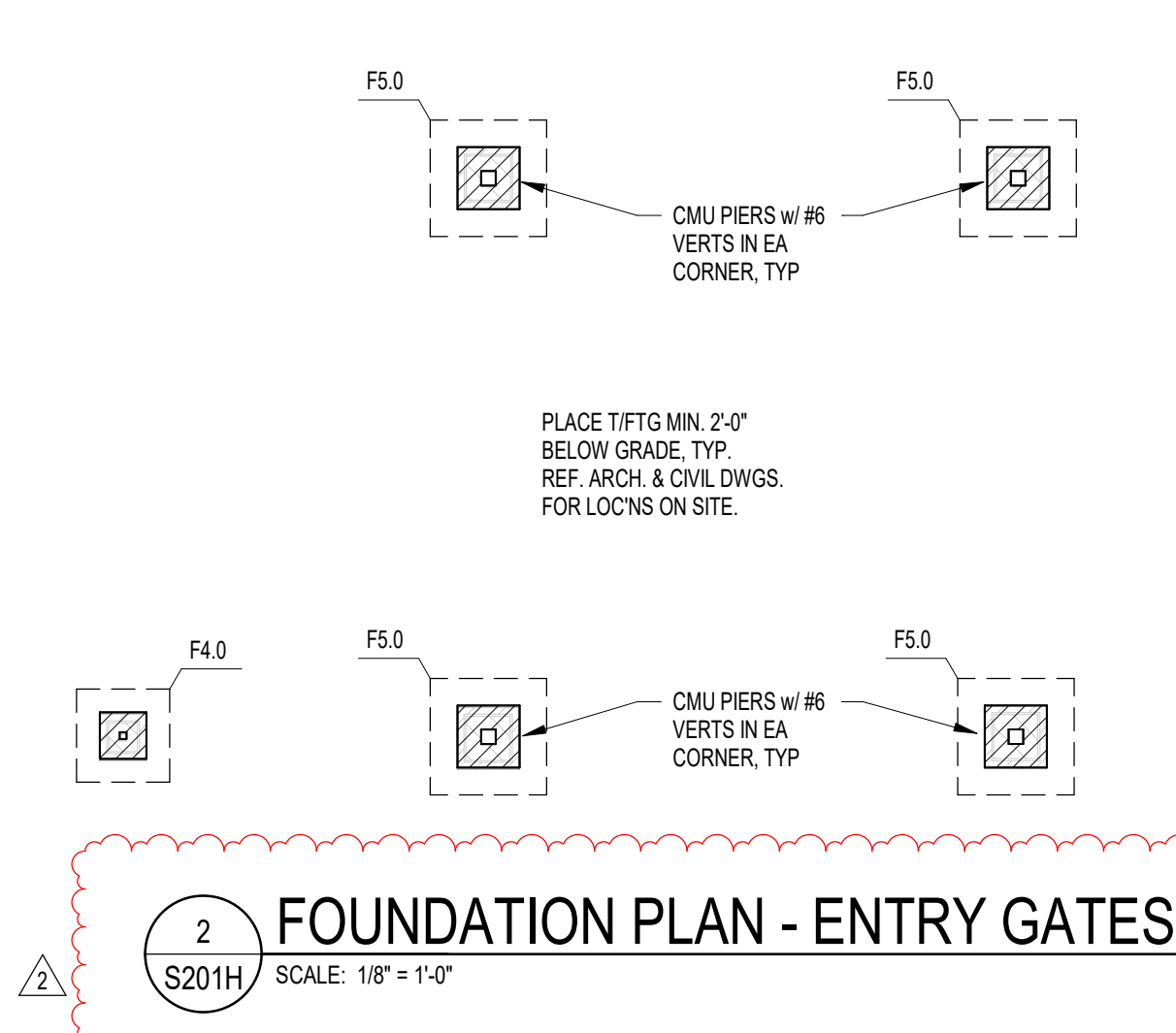
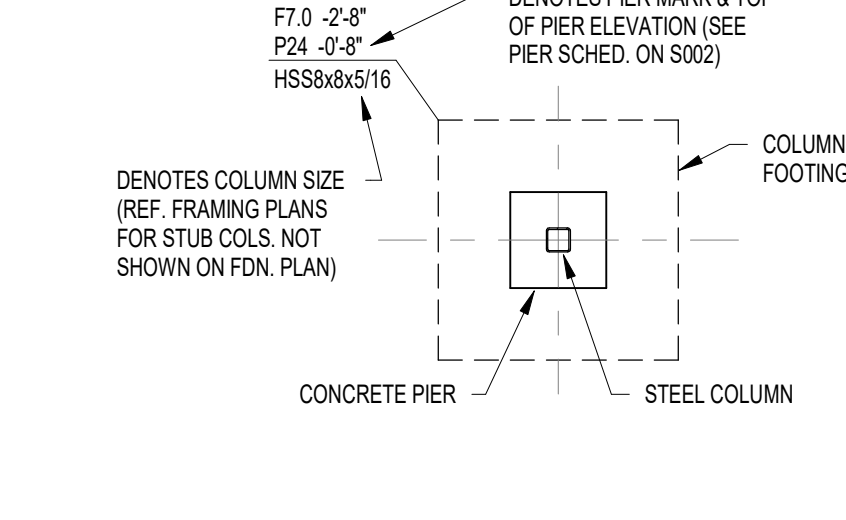
- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S400 SERIES FOR TYPICAL FOUNDATION AND MASONRY DETAILS.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 924.00). 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 ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
- NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G. SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
- ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- PROVIDE CMU REINFORCING AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLANS & SECTIONS:
 

12" CMU, EXTERIOR (> 27' TALL)	#5 @ 16" OC
12" CMU, EXTERIOR (< 27' TALL)	#5 @ 32" OC
12" CMU, INTERIOR (> 27' TALL)	#5 @ 32" OC
12" CMU, INTERIOR (< 27' TALL)	#5 @ 32" OC
10" CMU, EXTERIOR	#5 @ 32" OC
10" CMU, INTERIOR	#5 @ 32" OC
8" CMU	#5 @ 32" OC
6" CMU	#5 @ 48" OC

NOTE: WHERE ONLY THE UPPER PORTION OF WALL HAS EXTERIOR EXPOSURE, THE ENTIRE WALL IS AN EXTERIOR WALL FOR REINFORCING PURPOSES.

PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" MAX VERTICAL SPACING), PROVIDE 1/2" OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- COORDINATE REINFORCING DOVELLS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
- GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
- PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
- ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
- PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK SET TERRAZZO, CERAMIC OR PORCELAIN TILE (VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
- EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING AND SLUSHING). HOWEVER, THE PLAN DIMENSION OF EARTH-FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING (E. 2" WIDE WALL FOOTINGS SHALL BE 2'-0" WIDE AND 5'-4" SQUARE COLUMN FOOTINGS SHALL BE 5'-4" SQUARE).
- SUBSTITUTION OF POLYPROPYLENE FIBER SECONDARY REINFORCING FOR WELDED WIRE FABRIC IS PERMITTED FOR SLABS ON GRADE EXCEPT FOR MASONRY BASES AND SLABS THAT RECEIVE EPOXY FINISH FLOORING (COORD. LOCATIONS WITH ARCHITECTURAL FINISH PLANS).
- REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.

19. PLAN LEGEND:
- |                            |  |
|----------------------------|--|
| FF                         | DENOTES FIN. FLOOR   |
| 1/4"                       | DENOTES TOP OF FTG. SLAB, PIER, ETC.   |
| B'x"                       | DENOTES BOTTOM OF FTG. GRADE BEAM, ETC.  |
| CJ                         | DENOTES SLAB ON GRADE  |
| WF24 -1'-4"                | CONTROL/CONTRACTION JOINT  |
| WF24 -2'-8"                | DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG. SCHED.)   |
| TB24x24 -1'-4"             | DENOTES THE BEAM MARK & BEAM ELEVATION (REF. THE BEAM SCHEDULE)  |
| ---                        | DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401  |
| ---                        | DENOTES CMU FOUNDATION WALL  |
| ---                        | DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS  |
| #5@32"OC                   | DENOTES CMU WALL VERT. REINF. SIZE & SPACING. IF NOT SHOWN, PROVIDE MIN. PER NOTE 10 ABOVE.  |
| 4" CONC. SOG TISLAB +0'-0" | DENOTES SLAB ON GRADE THICKNESS & TISLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 4" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: |
| 4" SLAB: 6x6-W1 4xW1 4 WWF |  |
| 5" SLAB: 6x6-W2 1xW1 1 WWF |  |
| 6" SLAB: 6x6-W2 6xW2 9 WWF |  |



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**HJB**

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

**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST**

**BID DOCUMENTS**

17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**

These drawings indicate the general scope of the project in terms of mechanical design concepts, the arrangement of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all requirements of the Contract.

On the basis of the general scope indicated on drawings, the trade contractors shall furnish all items required for the proper installation and completion of the work.

**REVISIONS:**

ADDITION NO. 06 08/10/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRVURO	MDL

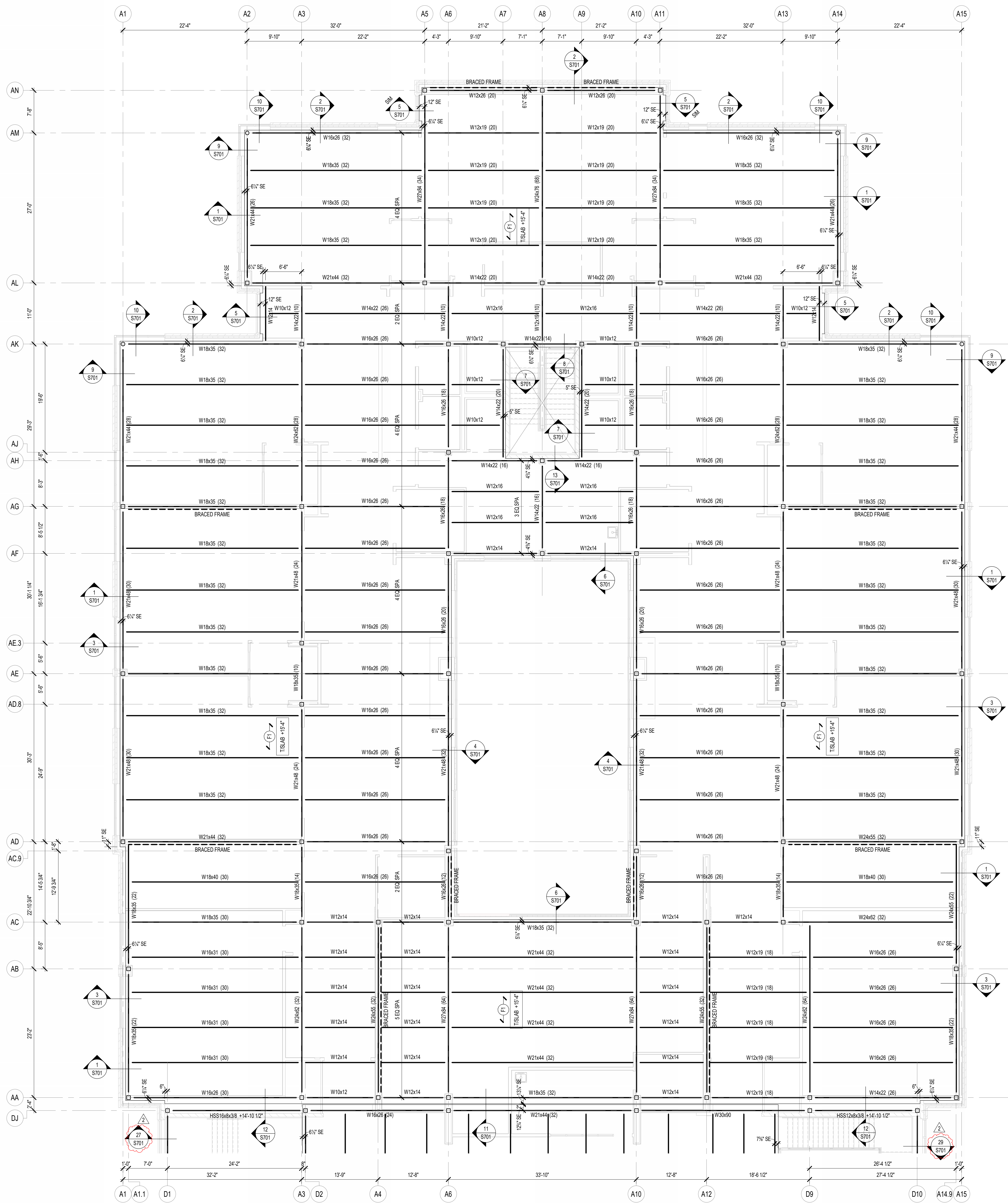
**FOUNDATION PLANS - UNIT H & ENTRY GATES**

**CERTIFIED BY:**

MARK D. LAY, P.E.  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA  
PE19400114

**DRAWING NUMBER**  
**S201H**

**PROJECT NUMBER**  
**2023061**

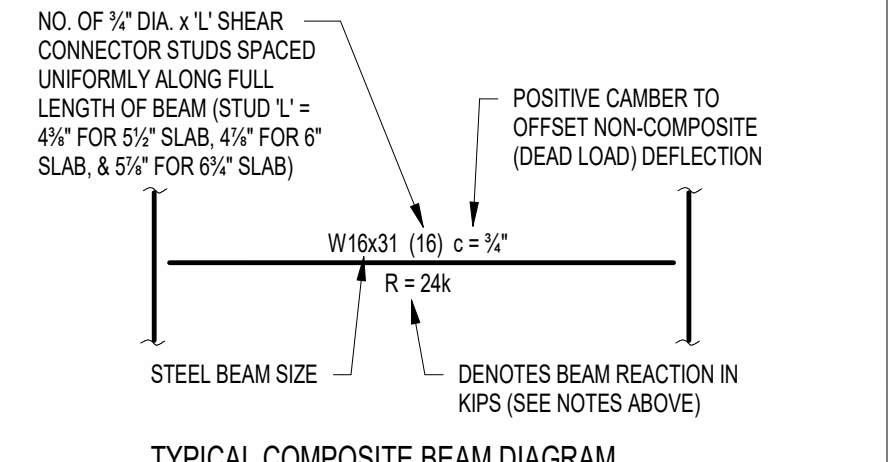


1 SECOND FLOOR FRAMING PLAN - UNIT A  
 S202A SCALE: 1/8" = 1'-0"

**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 ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). VERIFY USGS ELEVATION WITH CIVIL DWGS.
- ALL WALLS SHALL BE LAD 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 ON S404. 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.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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 SJ 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:

- FF DENOTES FIN. FLOOR
- TX DENOTES TOP OF STEEL SLAB, ETC.
- BTX DENOTES BOTTOM OF UNTEL, 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
- F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45' NW CONC. SLAB w/ #6-W2.3W/2.3 W/W. TOTAL T = 5". REF. DETAIL 15404.
- F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45' NW CONC. SLAB w/ #6-W2.3W/2.3 W/W. TOTAL T = 6". REF. DETAIL 25404.
- F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC ON 1" SUPPORTS + FIBERFORCE 80 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 35404.
- 1 DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 45404.
- 2 DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 15406.
- 2A DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACoustICAL STEEL ROOF DECK + INSULATION. MIN. RVC = 2.00. REF. DETAIL 25406.
- 3 DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP RIB STEEL ROOF DECK. REF. DETAIL 55404.
- 3S DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 35406.
- Denotes BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
- Denotes BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
- Denotes APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.



TYPICAL COMPOSITE BEAM DIAGRAM



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 550 Virginia Avenue, Indianapolis, IN 46203  
 317.423.1550  
 317.423.1551

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
**BID DOCUMENTS**  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
 These drawings indicate the general scope of the project in terms of architectural design concepts. The architectural, mechanical, electrical and plumbing systems shown are preliminary and subject to change. The drawings do not constitute a contract and shall not be used for construction or for any other purpose without the written consent of the architect.

REVISIONS:  
 ADDENDUM NO. 06 08/10/2024

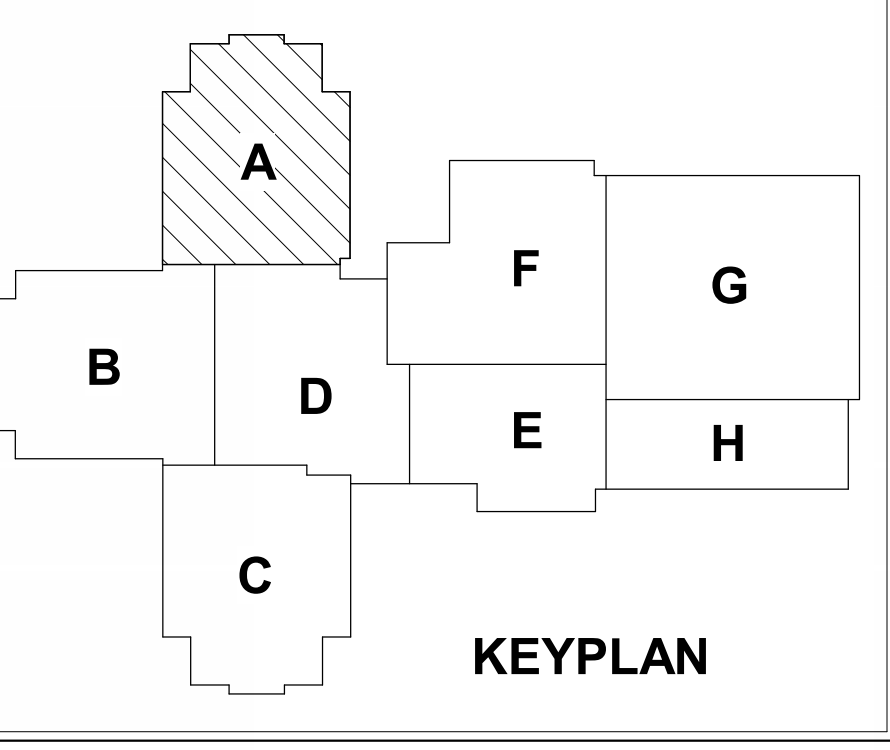
ISSUE DATE 07/26/2024  
 DRAWN BY JRV  
 CHECKED BY MDL

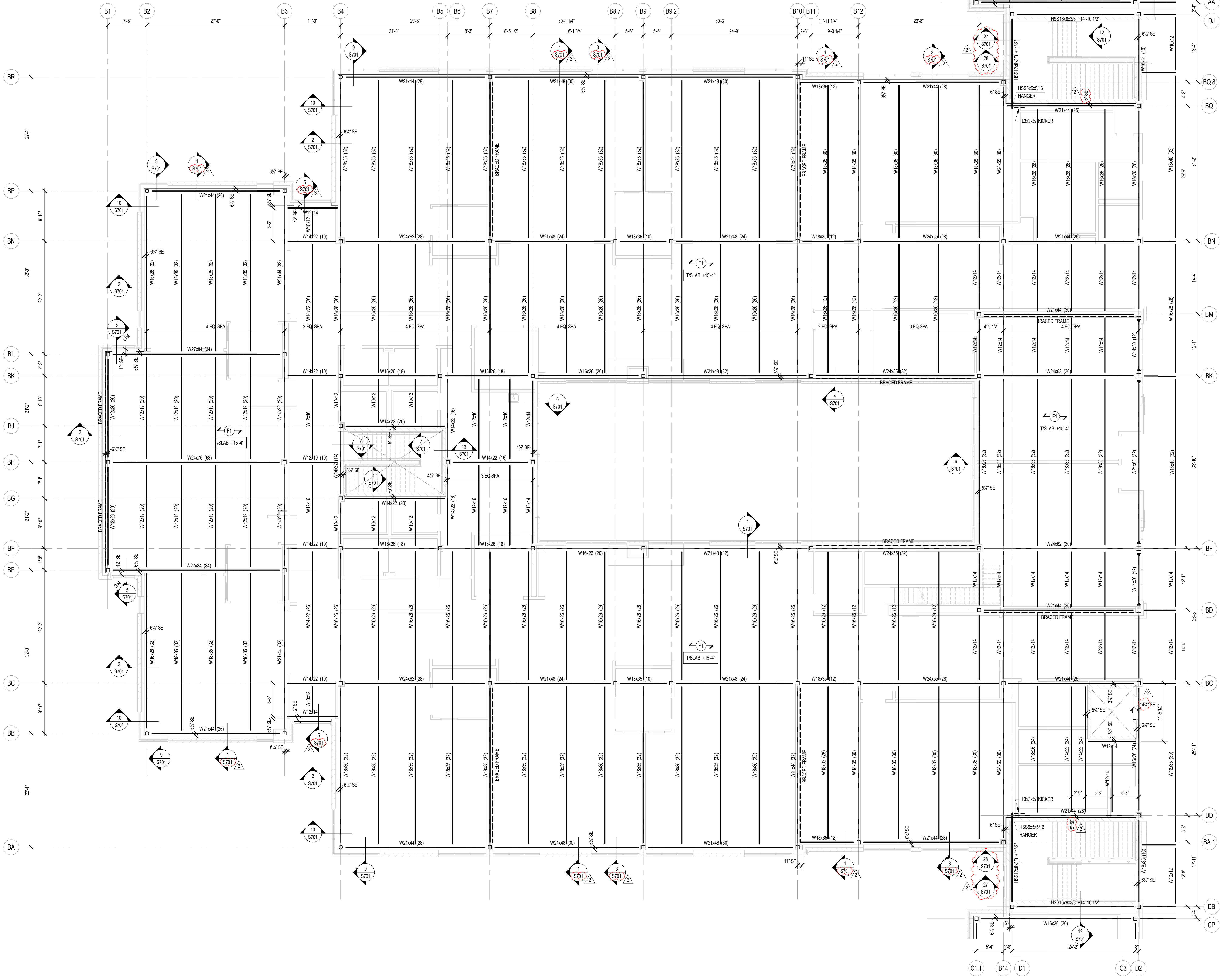
DRAWING TITLE:  
**SECOND FLOOR  
 FRAMING PLAN -  
 UNIT A**

CERTIFIED BY:  
 Mark D. Lyle, P.E.  
 PE19400114  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

DRAWING NUMBER  
**S202A**

PROJECT NUMBER  
**2023061**

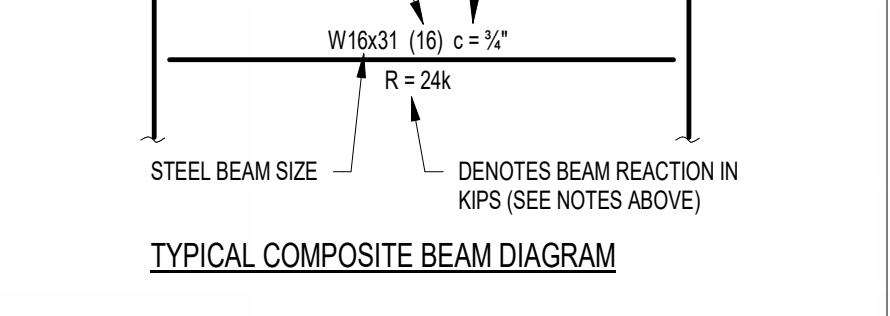




1 SECOND FLOOR FRAMING PLAN - UNIT B  
 S202B SCALE: 1/8" = 1'-0"  
 NORTH

**FRAMING PLAN NOTES**

- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
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- 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.
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- ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
- PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S404. 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 DRAWINGS.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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 SJI SPECIFICATIONS.
- FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDED 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:
  - FF DENOTES FIN. FLOOR
  - TX DENOTES TOP OF STEEL SLAB, ETC.
  - BTX DENOTES BOTTOM OF UNTEL, 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
  - F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45' NW CONC. SLAB w/ #6-W2.3W/2.9 W/W. TOTAL T = 5.5'. REF. DETAIL 15404.
  - F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45' NW CONC. SLAB w/ #6-W2.3W/2.9 W/W. TOTAL T = 6.5'. REF. DETAIL 25404.
  - F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBER/FOUR 80 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 1'. REF. DETAIL 15404.
  - 1 DENOTES 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 4S404.
  - 2 DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 15406.
  - 2A DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACoustICAL STEEL ROOF DECK w/ INSULATION. MIN. IRI = 0.90. REF. DETAIL 25406.
  - 3 DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5S404.
  - 3.5 DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3S406.
  - BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
  - BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
  - 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. 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 15 KIPS.
  - NO. OF 3/4" DIA. 1" S'HEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STD) L = 45' FOR 5 1/2" SLAB, 45' FOR 6" SLAB, & 55' FOR 6 1/2" SLAB)
  - POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION



TYPICAL COMPOSITE BEAM DIAGRAM



REVISIONS:

NO.	DATE	DESCRIPTION
1	08/10/2024	ADDENDUM NO. 06

ISSUE DATE: 07/26/2024  
 DRAWN BY: JRV  
 CHECKED BY: MDL

DRAWING TITLE:  
**SECOND FLOOR FRAMING PLAN - UNIT B**

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

DRAWING NUMBER:  
**S202B**

PROJECT NUMBER:  
 2023061



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 317.287.7800 | CSOinc.net

**HJB**  
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PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
 BID DOCUMENTS  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
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REVISIONS:  
 ADDENDUM NO. 06 08/10/2024

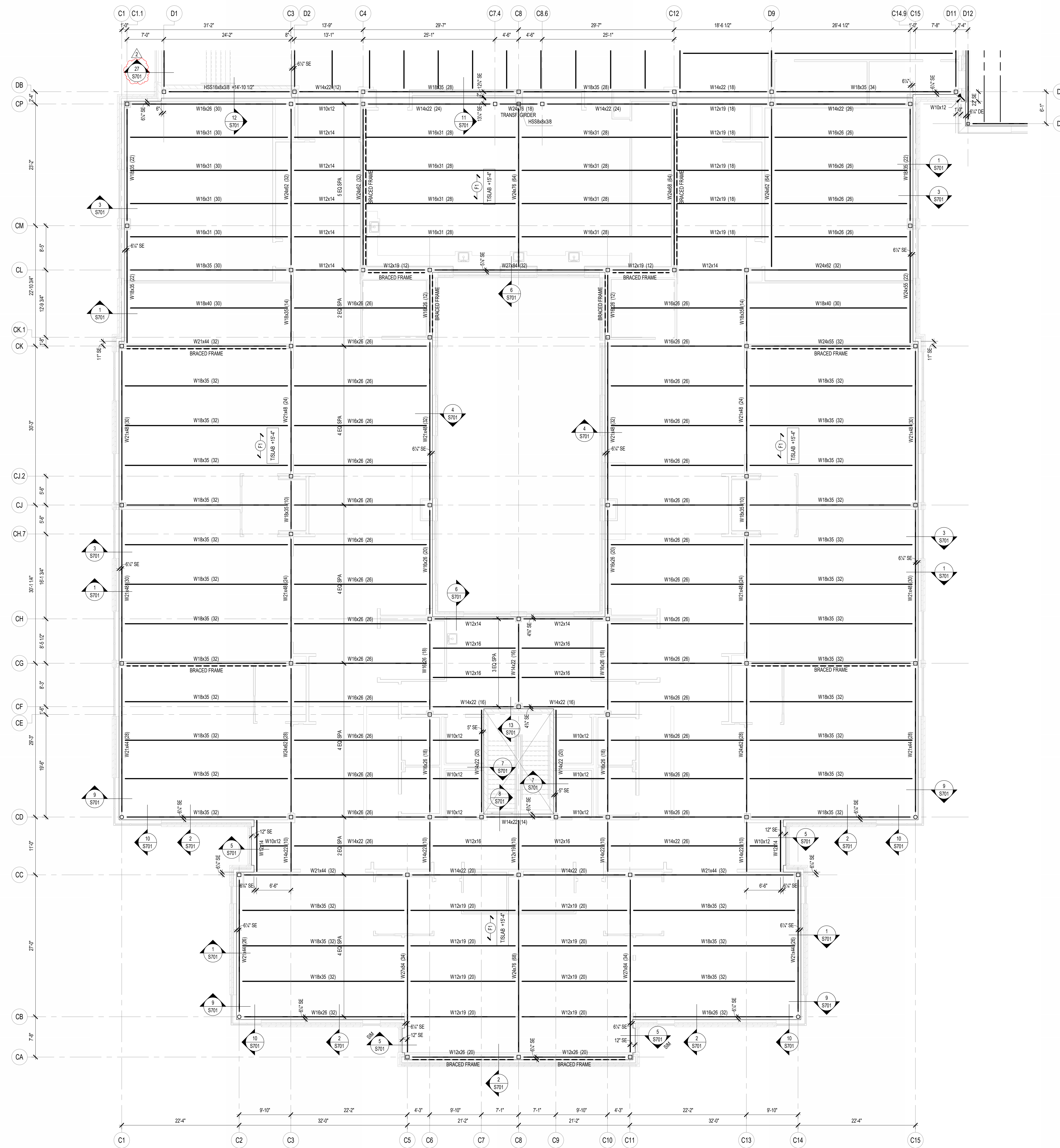
ISSUE DATE: 07/26/2024  
 DRAWN BY: JRV  
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DRAWING TITLE:  
**SECOND FLOOR FRAMING PLAN - UNIT B**

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

DRAWING NUMBER:  
**S202B**

PROJECT NUMBER:  
 2023061



1 SECOND FLOOR FRAMING PLAN - UNIT C  
SCALE: 1/8" = 1'-0"

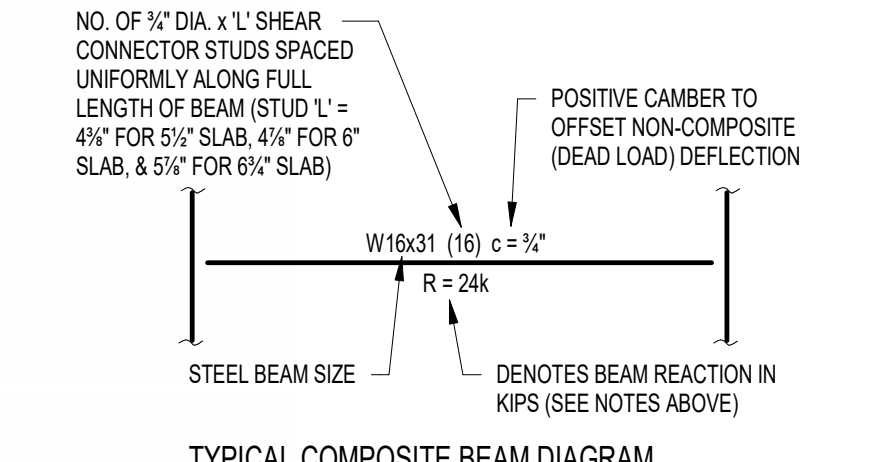


**FRAMING PLAN NOTES**

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- PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S404. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
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- PLAN LEGEND:

- FF DENOTES FIN. FLOOR
- TX DENOTES TOP OF STEEL SLAB, ETC.
- BTX DENOTES BOTTOM OF UNTEL, 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
- F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 3/4" NW CONC. SLAB w/ 6#-W2.9/W2.9 WWF. TOTAL T = 5 1/2". REF. DETAIL 15404.
- F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4/4" NW CONC. SLAB w/ 6#-W2.9/W2.9 WWF. TOTAL T = 6 1/2". REF. DETAIL 25404.
- F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBERFOCE 80 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 35404.
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- 2 DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 15406.
- 2A DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACoustICAL STEEL ROOF DECK + INSULATION. MIN. IRI-C = 0.90. REF. DETAIL 2S406.
- 3 DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5S404.
- 3S DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3S406.
- 1 DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
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- 3 DENOTES BRACED FRAME OR KICKER LOCATION
- 4 DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.

17. 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 15 KIPS.



TYPICAL COMPOSITE BEAM DIAGRAM

NO. OF 3/4" DIA. 1" SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STD) L = 4 1/2" FOR 6 1/2" SLAB, 4 1/2" FOR 6" SLAB, & 5 1/2" FOR 6 1/2" SLAB



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17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project in terms of mechanical design concepts. The drawings of electrical, mechanical and structural systems are not included in this set of drawings and shall be provided by the contractor at the time of construction and completion of the project.

REVISIONS:  
ADDENDUM NO. 06 08/10/2024

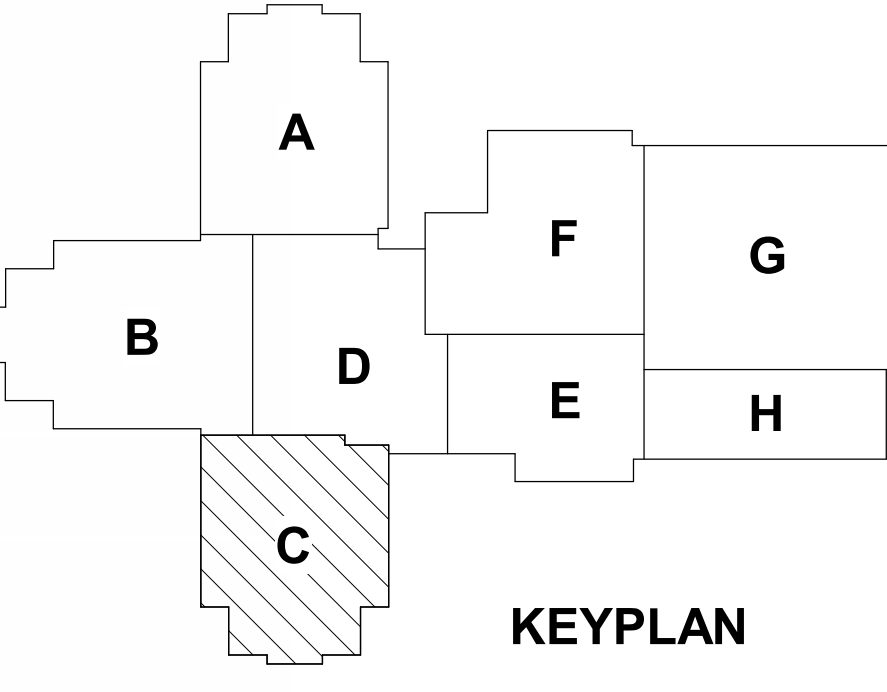
ISSUE DATE 07/26/2024  
DRAWN BY JRV  
CHECKED BY MDL

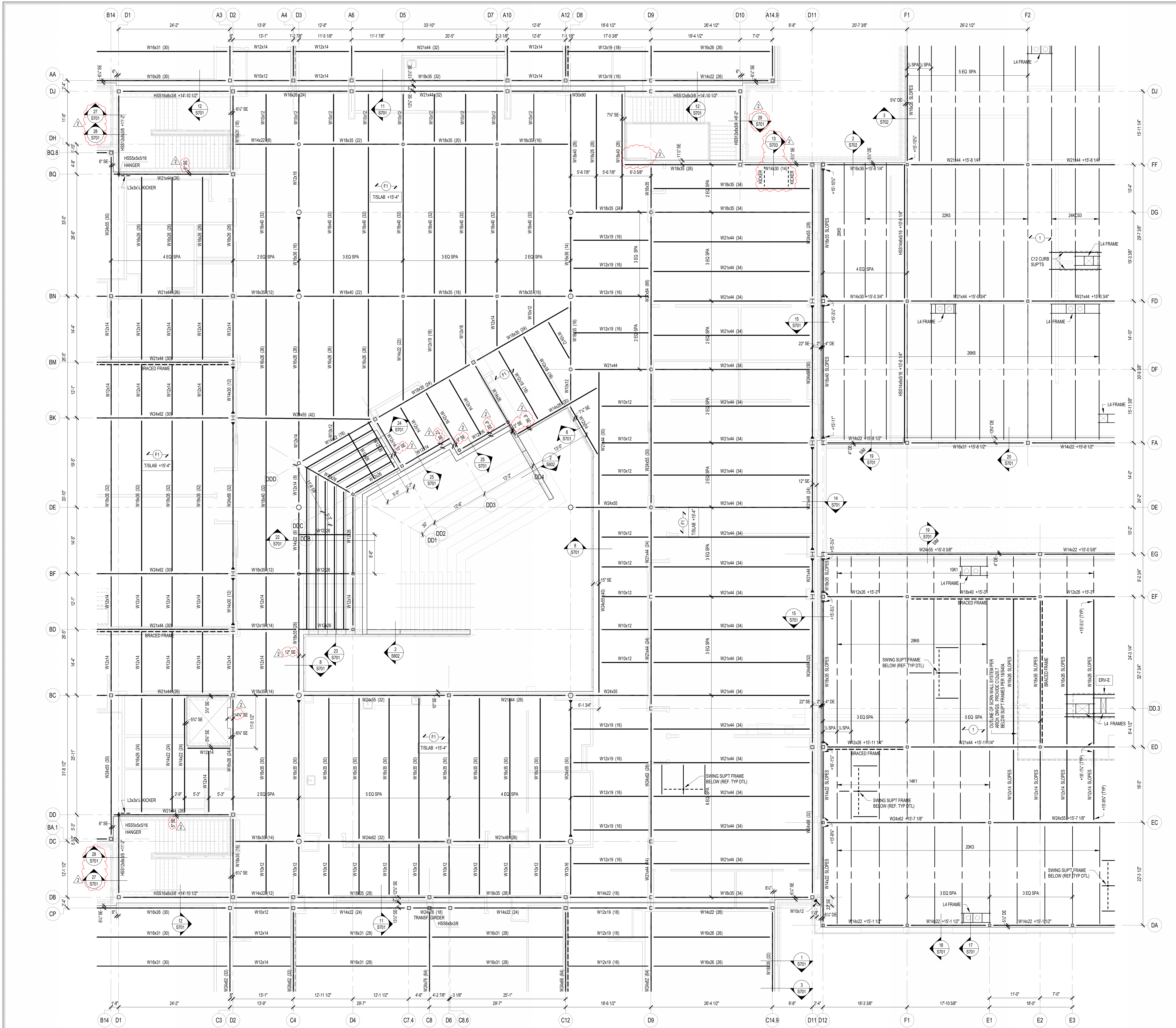
DRAWING TITLE:  
**SECOND FLOOR  
FRAMING PLAN -  
UNIT C**

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

DRAWING NUMBER  
**S202C**

PROJECT NUMBER  
**2023061**

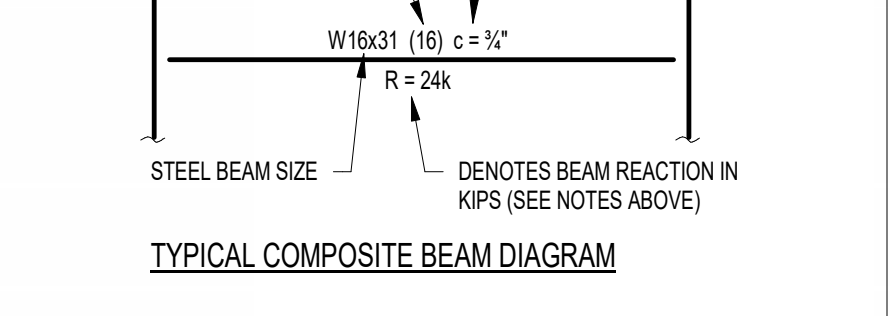




1 SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT D  
 SCALE: 1/8" = 1'-0"  
 NORTH

**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 ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.0). 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 ON S404. 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.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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 SJ 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:
  - FF DENOTES FIN. FLOOR
  - TX DENOTES TOP OF STEEL SLAB, ETC.
  - SX 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
  - F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45' NW CONC. SLAB w/ #6-W2.3W/2.3 W/W. TOTAL T = 5.5". REF. DETAIL 1S404.
  - F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45' NW CONC. SLAB w/ #6-W2.3W/2.3 W/W. TOTAL T = 5.5". REF. DETAIL 2S404.
  - F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC EW ON 1" SUPP. FIBERFORCE 80 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 3S404.
  - F4 DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 4S404.
  - F5 DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 4S406.
  - F6 DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACUSTICAL STEEL ROOF DECK. REF. DETAIL 2S406.
  - F7 DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5S404.
  - F8 DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3S406.
  - MC DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
  - MB DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
  - MC DENOTES BRACED FRAME OR KICKER LOCATION
  - MC 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 15 KIPS.
  - NO. OF 3/4" DIA. x 1" SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STD 1/2" = 45" FOR 5 1/2" SLAB, 45" FOR 6" SLAB, & 55" FOR 6 1/2" SLAB)
  - POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD DEFLECTION)



**CSO**  
 8831 Keystone Crossing, Indianapolis, IN 46240  
 317.287.7800 | CSOinc.net

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

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
**BID DOCUMENTS**  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
 These drawings indicate the general scope of the project in terms of mechanical design content. The architectural, structural, mechanical and electrical systems are shown for information only. The drawings do not necessarily indicate or describe all requirements of the Contract.  
 On the basis of the general scope indicated on these drawings, the fabricator shall furnish all items required for the proper installation and completion of the work.

REVISIONS:	DATE	BY
ADDENDUM NO. 05	08/09/2024	
ADDENDUM NO. 06	08/16/2024	

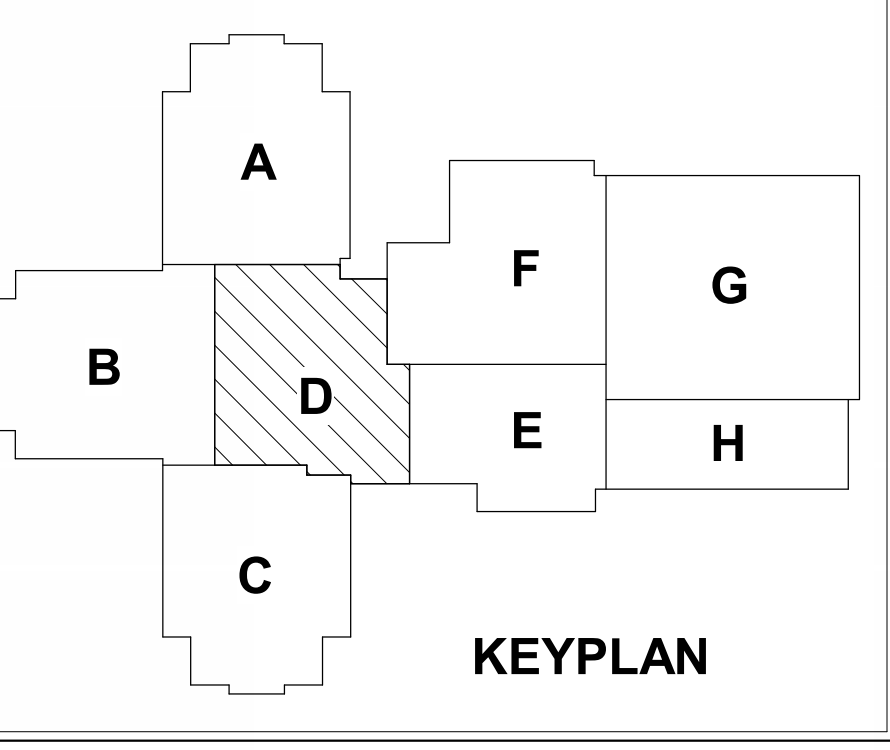
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

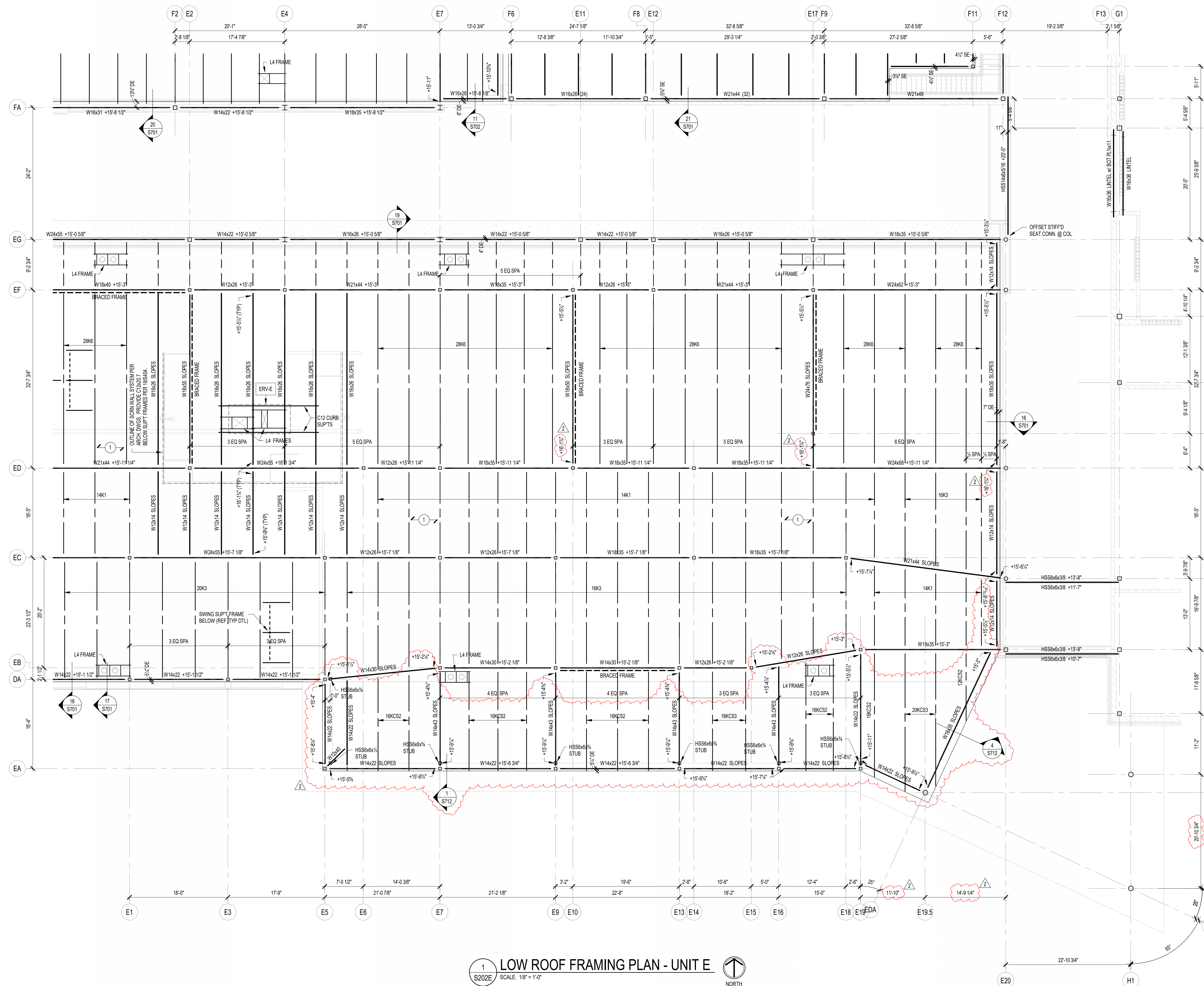
DRAWING TITLE:  
**SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT D**

CERTIFIED BY:  
  
 MARK D. LAVELLE  
 PROFESSIONAL ENGINEER  
 STATE OF INDIANA  
 LICENSE NO. PE19400114

DRAWING NUMBER  
**S202D**

PROJECT NUMBER  
**2023061**

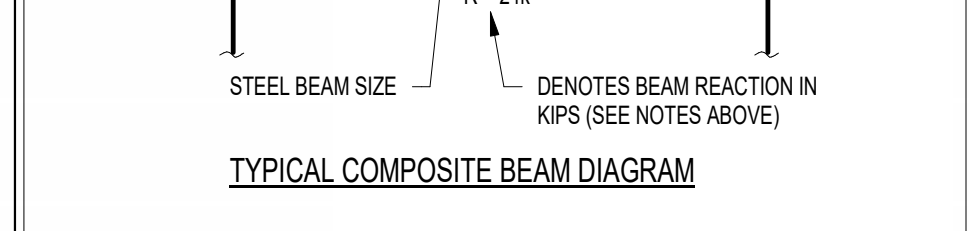




1 LOW ROOF FRAMING PLAN - UNIT E  
SCALE: 1/8" = 1'-0"

- ### 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 ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). 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 ON S404. 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 DRAWINGS.
  - REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
  - 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 SJ 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:
- FF DENOTES FIN. FLOOR
  - TX DENOTES TOP OF STEEL SLAB, ETC.
  - BTX DENOTES BOTTOM OF UNTEL, 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
  - F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45' NW CONC. SLAB w/ #6-W2.3W/2.3 WWF. TOTAL T = 5.5'. REF. DETAIL 15404.
  - F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45' NW CONC. SLAB w/ #6-W2.3W/2.3 WWF. TOTAL T = 5.5'. REF. DETAIL 25404.
  - F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBERFORCE 80 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 35404.
  - 1 DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RB STEEL ROOF DECK. REF. DETAIL 4S404.
  - 2 DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 15406.
  - 2A DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACoustICAL STEEL ROOF DECK. INSULATION MIN. NRC = 0.90. REF. DETAIL 2S406.
  - 3 DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RB STEEL ROOF DECK. REF. DETAIL 5S404.
  - 3S DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3S406.
  - DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
  - DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
  - DENOTES BRACED FRAME OR KICKER LOCATION
  - DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.
17. 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 15 KIPS.
- NO. OF 3/4" DIA. x 1" SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STUD L = 45" FOR 5 1/2" SLAB, 45" FOR 6" SLAB, & 55" FOR 6 1/2" SLAB)
- POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION



TYPICAL COMPOSITE BEAM DIAGRAM

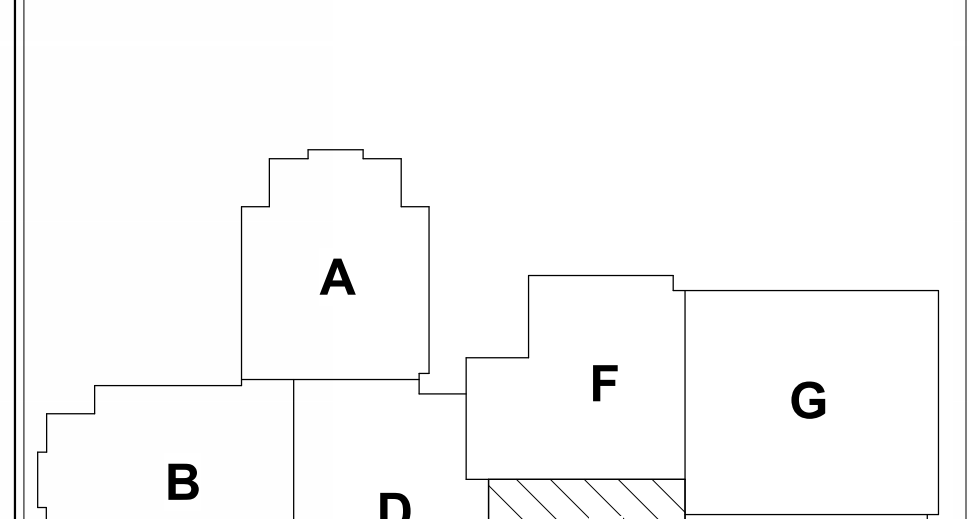
REVISIONS:

ADDENDUM NO. 05	08/09/2024
ADDENDUM NO. 06	08/16/2024

ISSUE DATE DRAWN BY CHECKED BY

07/26/2024	JRV	MDL
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DRAWING TITLE:  
**LOW ROOF FRAMING PLAN - UNIT E**



DRAWING NUMBER  
**S202E**

PROJECT NUMBER  
**2023061**

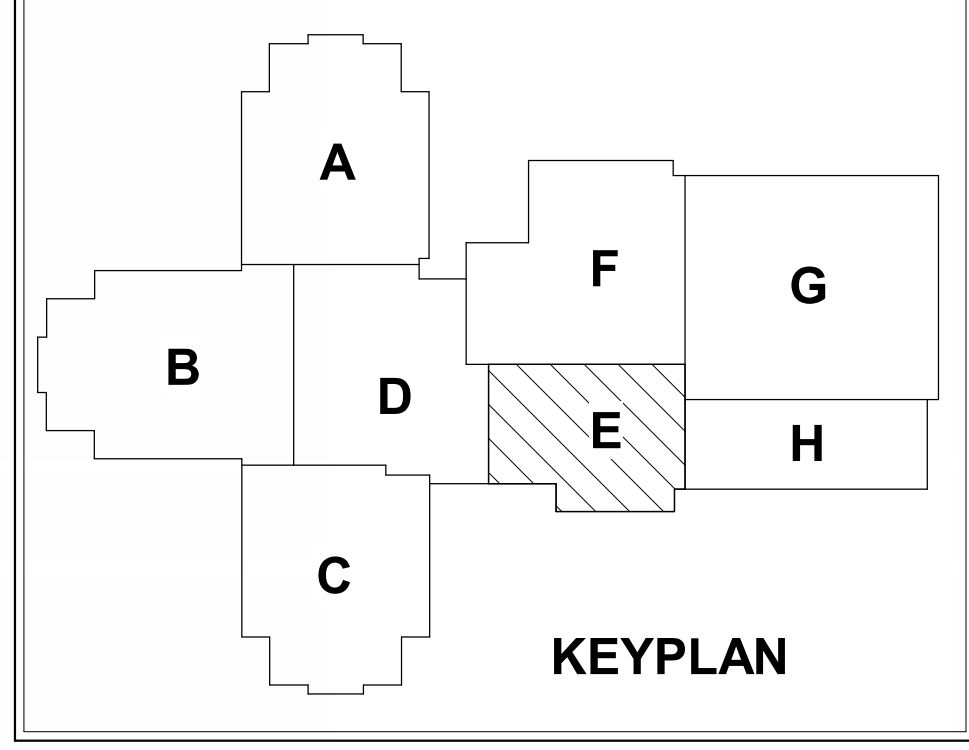


**CSO**  
8831 Keystone Crossing, Indianapolis, IN 46240  
317.246.7800 | CSOinc.net

**HJB**  
Lynch, Harrison & Brumleve, Inc.  
550 Virginia Avenue  
Indianapolis, IN 46203  
317.423.1551

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST**  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project in terms of architectural design concept. The architectural, structural, mechanical and electrical systems shown on these drawings are not necessarily indicative of the actual construction to be performed and completion of the project. On the basis of the general scope indicated on these drawings, the fabricator shall furnish all items required for the proper installation and completion of the work.







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 317.284.7800 | CSOinc.net

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

**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST  
 BID DOCUMENTS**  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project in terms of architectural design content. The structural, mechanical, electrical and plumbing aspects are not in the scope of these drawings. Therefore, all required materials and work may not be indicated. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

**REVISIONS:**  
 ADDENDUM NO. 05 08/09/2024  
 ADDENDUM NO. 06 08/16/2024

**ISSUE DATE** 07/26/2024  
**DRAWN BY** JRV/JROM/ML  
**CHECKED BY** MDL

**DRAWING TITLE:**  
**CANOPY FRAMING PLANS**

**CERTIFIED BY:**  
 PE19400114  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

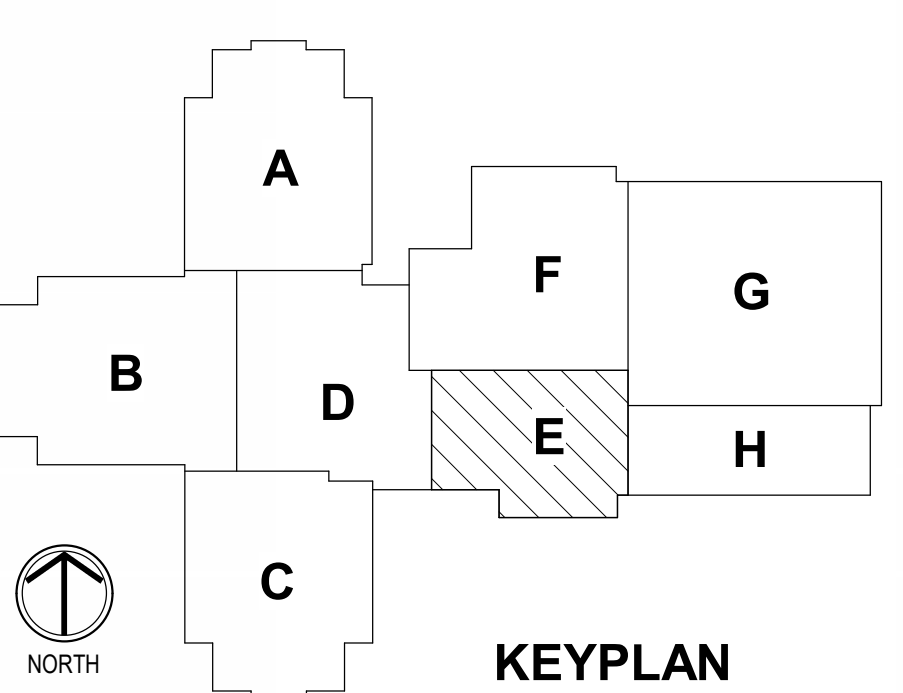
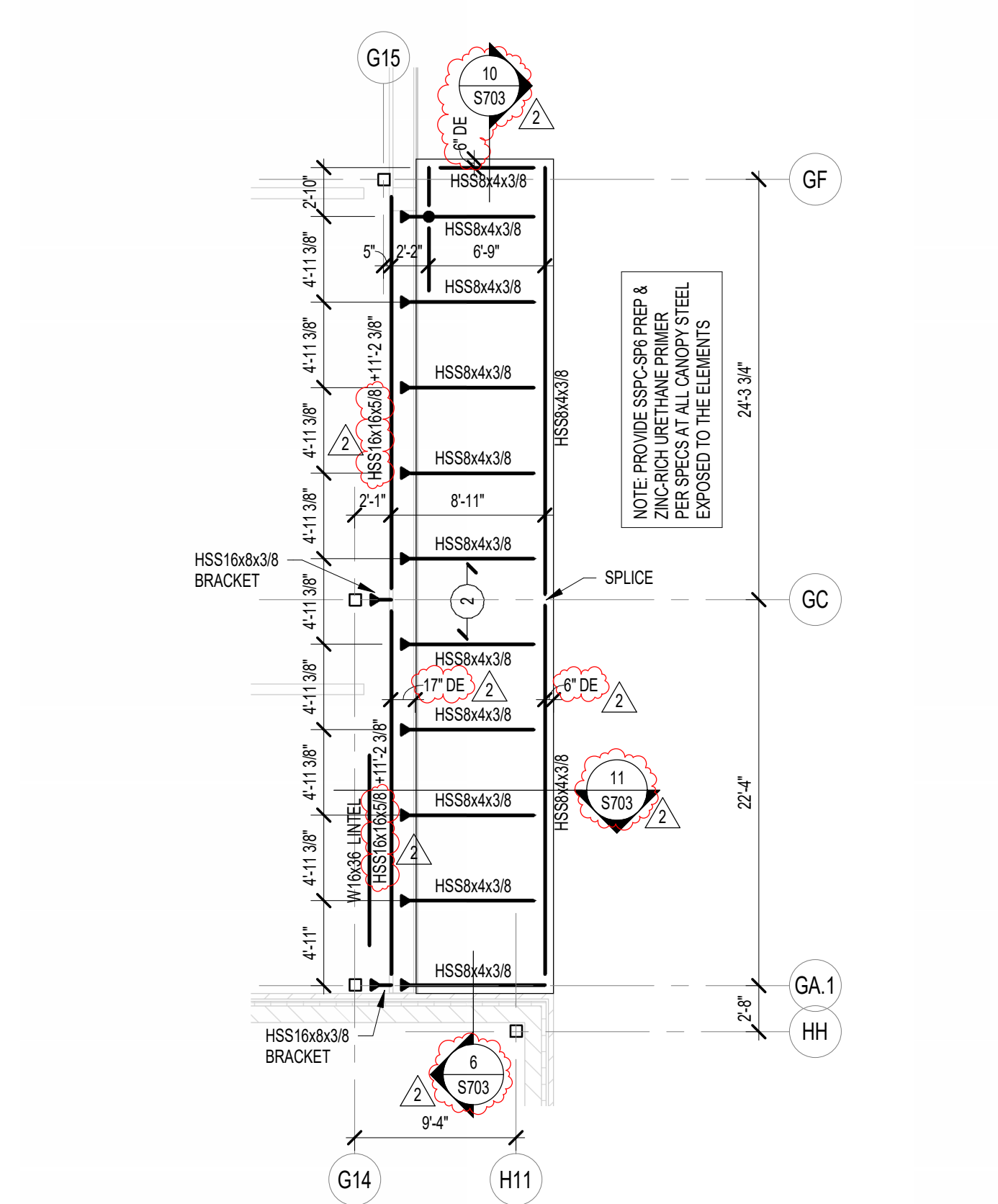
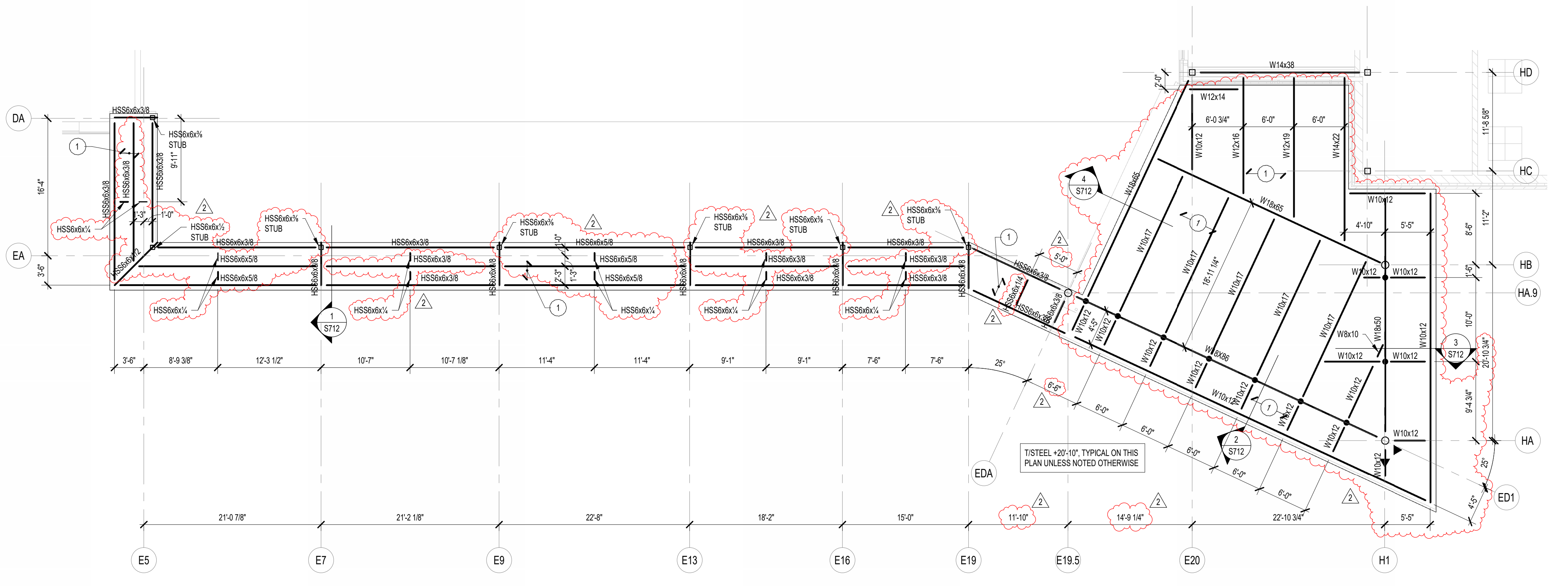
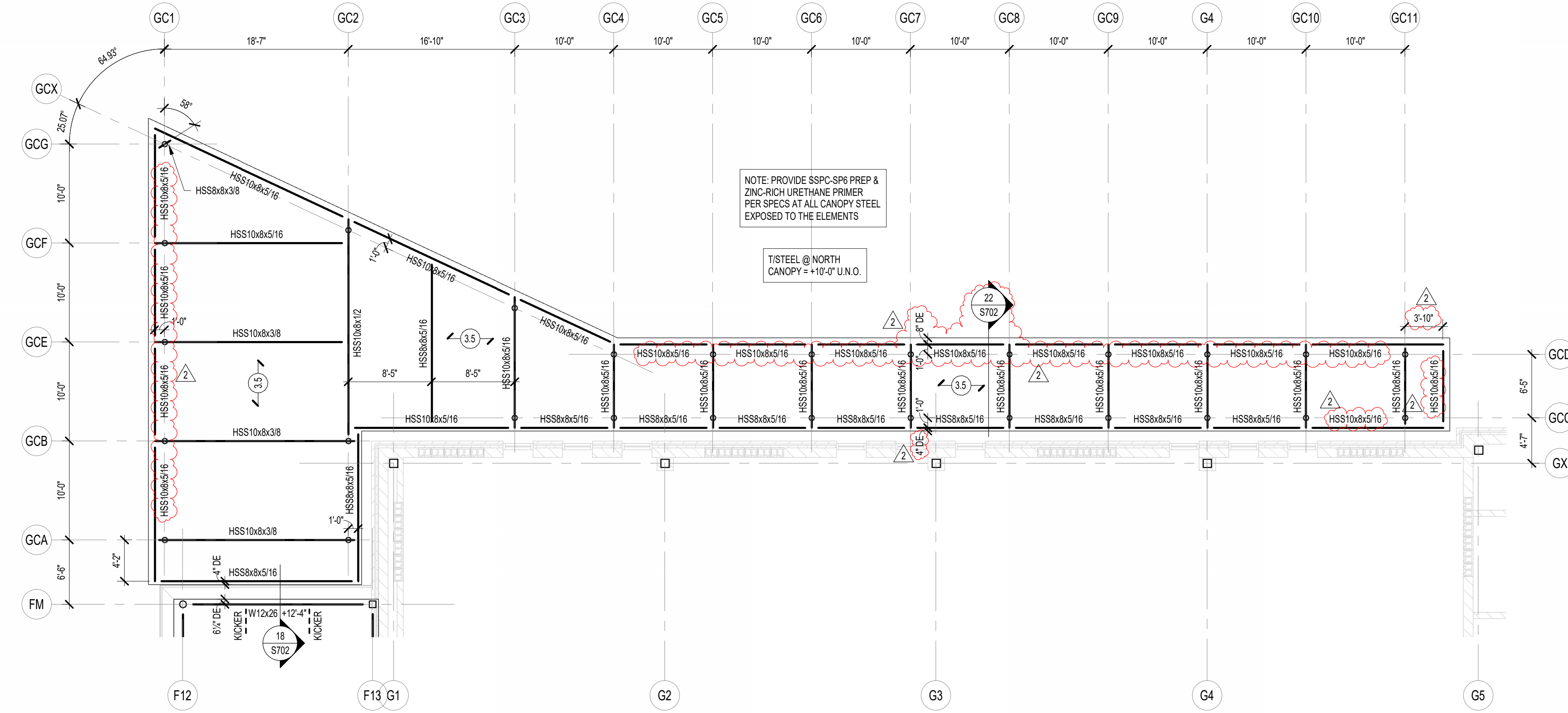
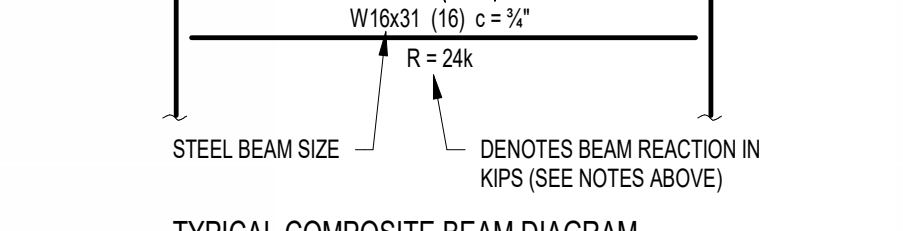
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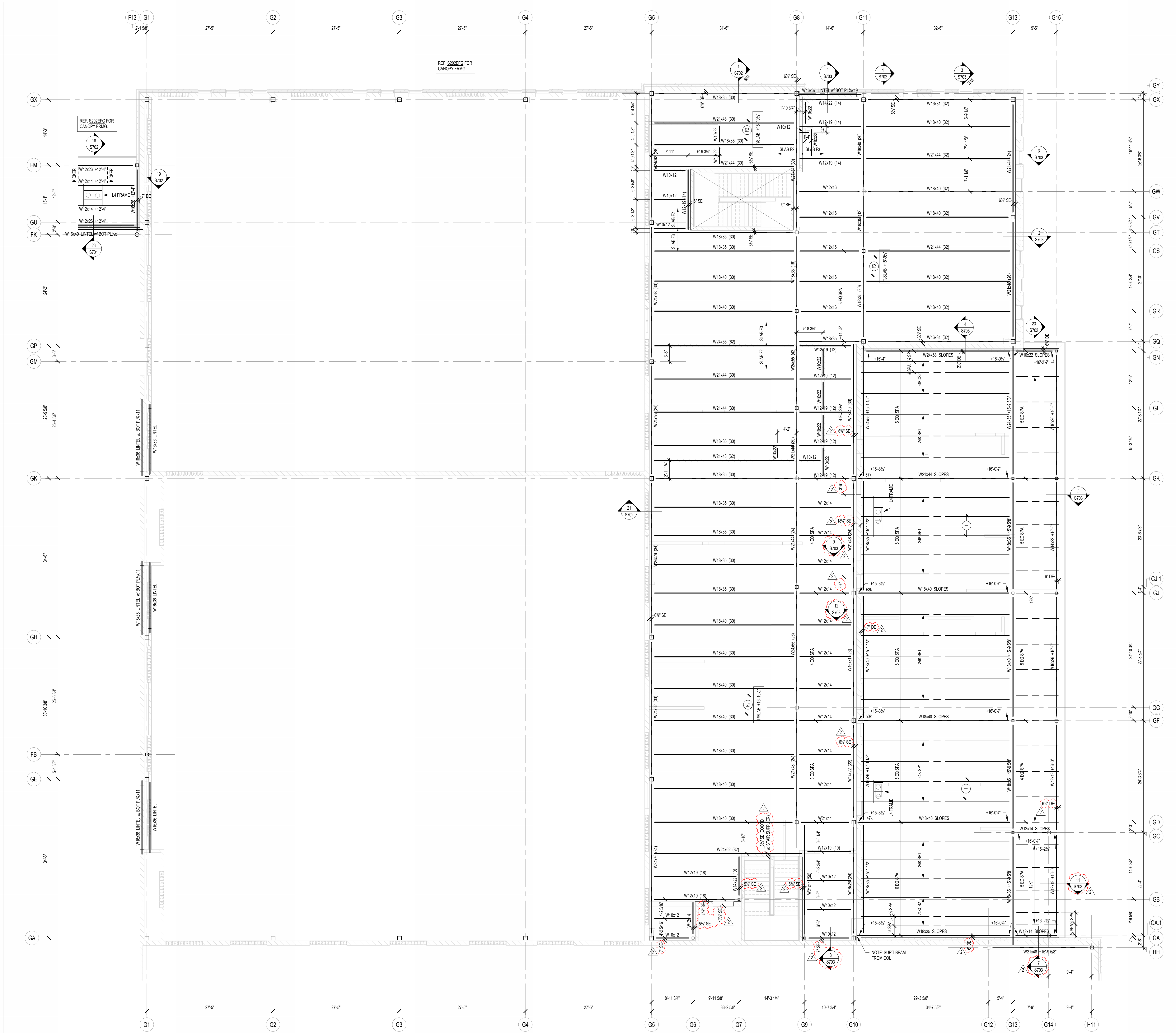
**PROJECT NUMBER:**  
 2023061

**FRAMING PLAN NOTES**

- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
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- PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S404. 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.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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.
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- PLAN LEGEND:

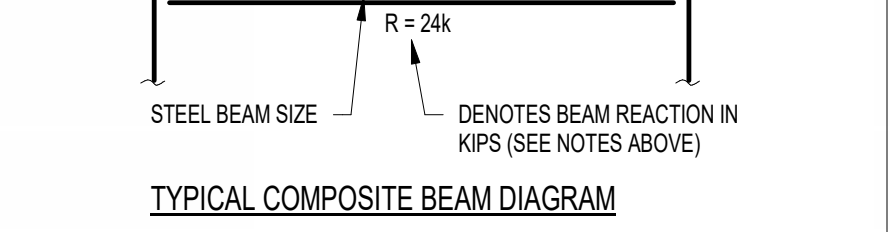
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- BTX DENOTES BOTTOM OF LINTEL, ETC.
- SE DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
- DE DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
- BP DENOTES BEAM BEARING PLATE ON CMU WALL
- F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 3/4" NW CONC. SLAB w/ 6#-W2.3W/2.3 WWF. TOTAL T = 5". REF. DETAIL 15404.
- F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4/4" NW CONC. SLAB w/ 6#-W2.3W/2.3 WWF. TOTAL T = 6". REF. DETAIL 25404.
- F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBERGLASS FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 35404.
- 1 DENOTES 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 45404.
- 2 DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 15406.
- 2A DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACoustical STEEL ROOF DECK + INSULATION. MIN. RVC = 2.00. REF. DETAIL 25406.
- 3 DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 55404.
- 3.5 DENOTES 3/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 35406.
- BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
- BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
- BRAIDED FRAME OR KICKER LOCATION
- APPROX. LOCATION OF OPENING IN DECK SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.





**FRAMING PLAN NOTES**

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- 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 ON S404. 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 DRAWINGS.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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 SJ 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:
  - FF DENOTES FIN. FLOOR
  - TX DENOTES TOP OF STEEL, SLAB, ETC.
  - BTX DENOTES BOTTOM OF UNTEL, 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
  - F1 DENOTES 2" 20 GA GALVANIZED COMPOSITE DECK w/ 45° NW CONC SLAB w/ 6#-W2.9W/2.9 W/W. TOTAL T = 5". REF. DETAIL 1S404.
  - F2 DENOTES 2" 20 GA GALVANIZED COMPOSITE DECK w/ 45° NW CONC SLAB w/ 6#-W2.9W/2.9 W/W. TOTAL T = 5". REF. DETAIL 2S404.
  - F3 DENOTES 2" 20 GA GALVANIZED COMPOSITE DECK w/ 4" NW CONC SLAB w/ #4@12" OC ON 1" SUPPORTS + FIBERFORCE 850 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 3S404.
  - 1 DENOTES 1 1/2" 20 GA GALVANIZED & PRIME-PAINTED WIDE RB STEEL ROOF DECK. REF. DETAIL 4S404.
  - 2 DENOTES 2" 20 GA GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 1S406.
  - 2A DENOTES 2" 18 GA GALVANIZED & PRIME-PAINTED DOVETAIL ACoustICAL STEEL ROOF DECK + INSULATION. MIN. RVC = 0.90. REF. DETAIL 2S406.
  - 3 DENOTES 3" 20 GA GALVANIZED & PRIME-PAINTED DEEP-RB STEEL ROOF DECK. REF. DETAIL 5S404.
  - 3.5 DENOTES 3 1/2" 20 GA GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3S406.
  - BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
  - BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
  - 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 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 15 KIPS.
  - NO. OF 3/4" DIA. 1" S'N'EAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STUD 1" = 4" FOR 5 1/2" SLAB, 4 1/2" FOR 6" SLAB, & 5 1/2" FOR 6 1/2" SLAB)
  - POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION



TYPICAL COMPOSITE BEAM DIAGRAM



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 8831 Keystone Crossing, Indianapolis, IN 46240  
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**HJB**  
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 550 Virginia Avenue, Indianapolis, IN 46203  
 317.423.1550

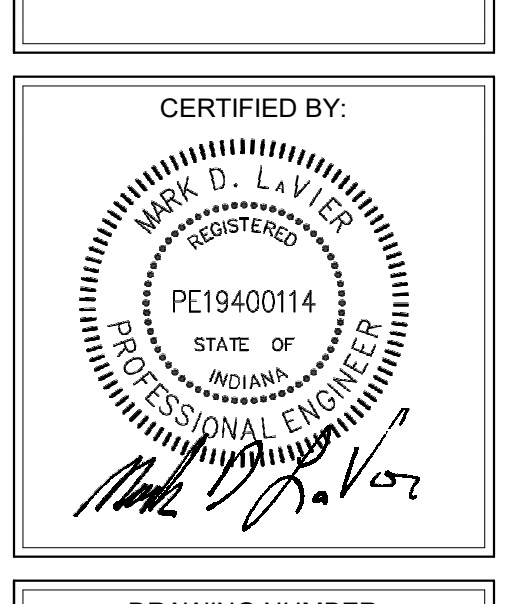
PROJECT: WESTFIELD WASHINGTON SCHOOLS WESTFIELD MIDDLE SCHOOL WEST  
 BID DOCUMENTS  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
 These drawings indicate the general scope of the project. The contractor shall verify the accuracy of all dimensions and conditions of the site. The contractor shall be responsible for obtaining all necessary permits and approvals for the project.

REVISIONS:	ADDENDUM NO. 05	08/09/2024
ADDENDUM NO. 06	08/16/2024	

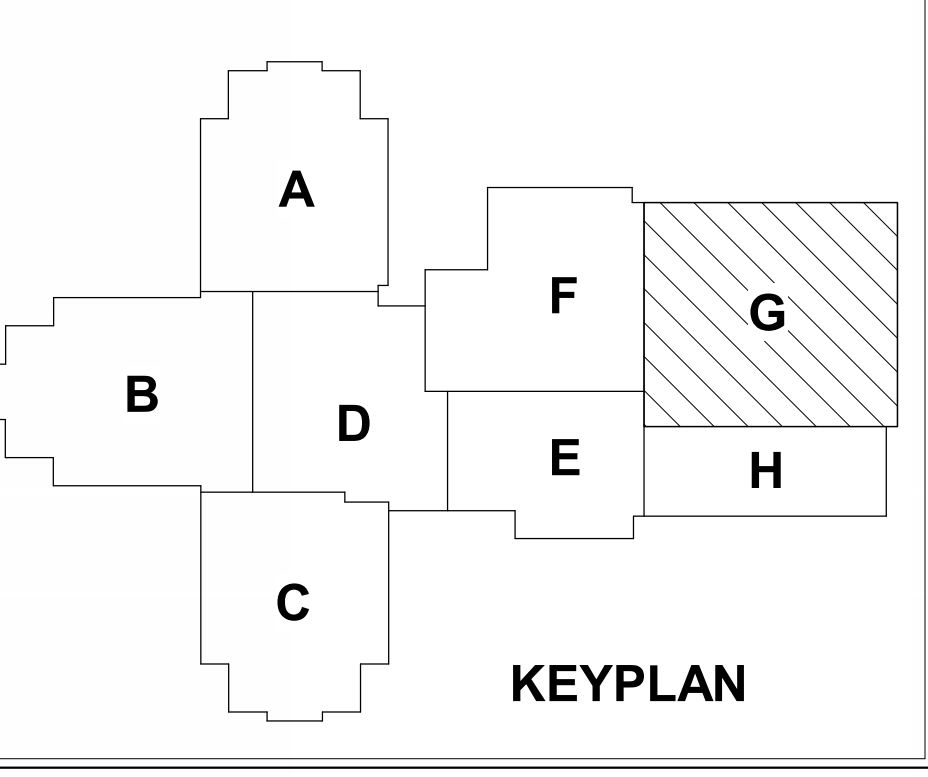
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

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



DRAWING NUMBER:  
**S202G**

PROJECT NUMBER:  
 2023061

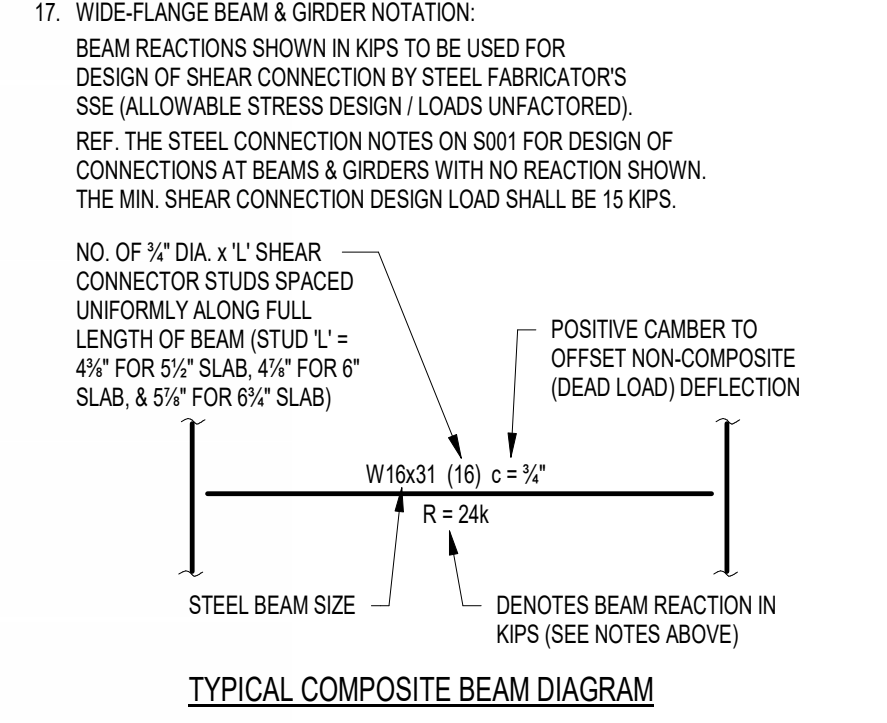


1 SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT G  
 SCALE: 1/8" = 1'-0"  
 NORTH

**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 ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). 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.
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- ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
- PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S404. 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.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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 SJI 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:
  - FF DENOTES FIN. FLOOR
  - TX DENOTES TOP OF STEEL, SLAB, ETC.
  - BTX 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
  - F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45° NW CONC. SLAB w/ #6-W2.3W/2.3 WWF. TOTAL T = 5". REF. DETAIL 1S404.
  - F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 45° NW CONC. SLAB w/ #6-W2.3W/2.3 WWF. TOTAL T = 6". REF. DETAIL 2S404.
  - F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4° NW CONC. SLAB w/ #4@12" OC SW ON 1" SUPPORTS + FIBERFORCE 800 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 1". REF. DETAIL 3S404.
  - 1 DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 4S404.
  - 2 DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 1S406.
  - 2A DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACoustICAL STEEL ROOF DECK w/ INSULATION, MIN. R19-C = 0.90. REF. DETAIL 2S406.
  - 3 DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5S404.
  - 3.5 DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3S406.
  - BEAM TO BEAM CONNECTION: REF. DETAILS ON S405.
  - BEAM-THRU-BEAM MOMENT CONNECTION: REF. DETAILS ON S405.
  - 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.
  - 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 15 KIPS.
  - NO. OF 3/4" DIA. x 1" SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STUD "L" = 45" FOR 6 1/2" SLAB, 45" FOR 6" SLAB, & 51" FOR 6 1/2" SLAB)
  - POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION



TYPICAL COMPOSITE BEAM DIAGRAM

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project in terms of architectural design content. The structural, mechanical, electrical and plumbing systems shown in these drawings are not necessarily indicative of the actual work to be performed. It is the responsibility of the contractor to verify all requirements of the Contract.  
On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:  
ADDENDUM NO. 06 08/10/2024

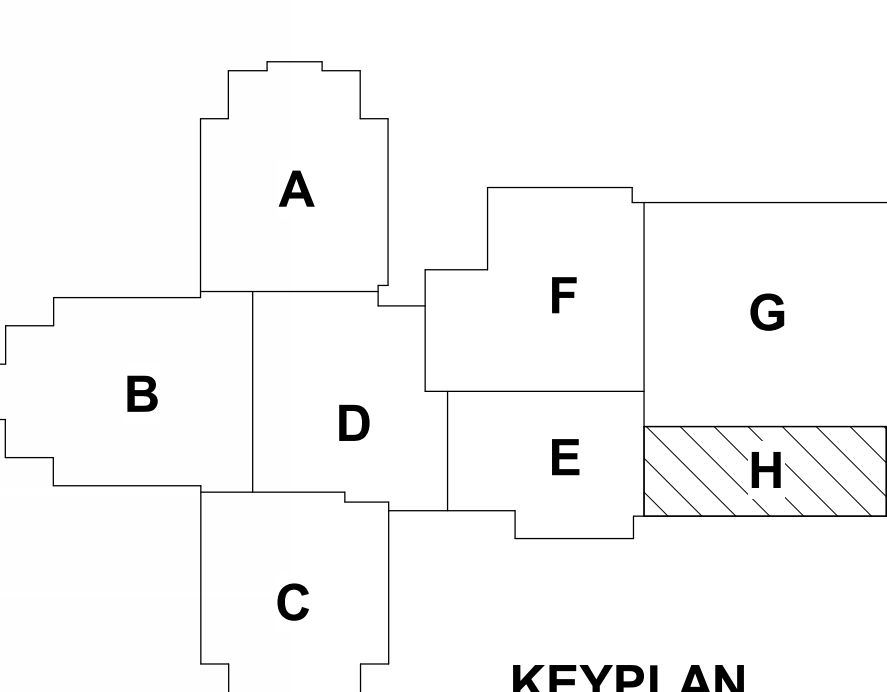
ISSUE DATE 07/26/2024 DRAWN BY JRV CHECKED BY MDL

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

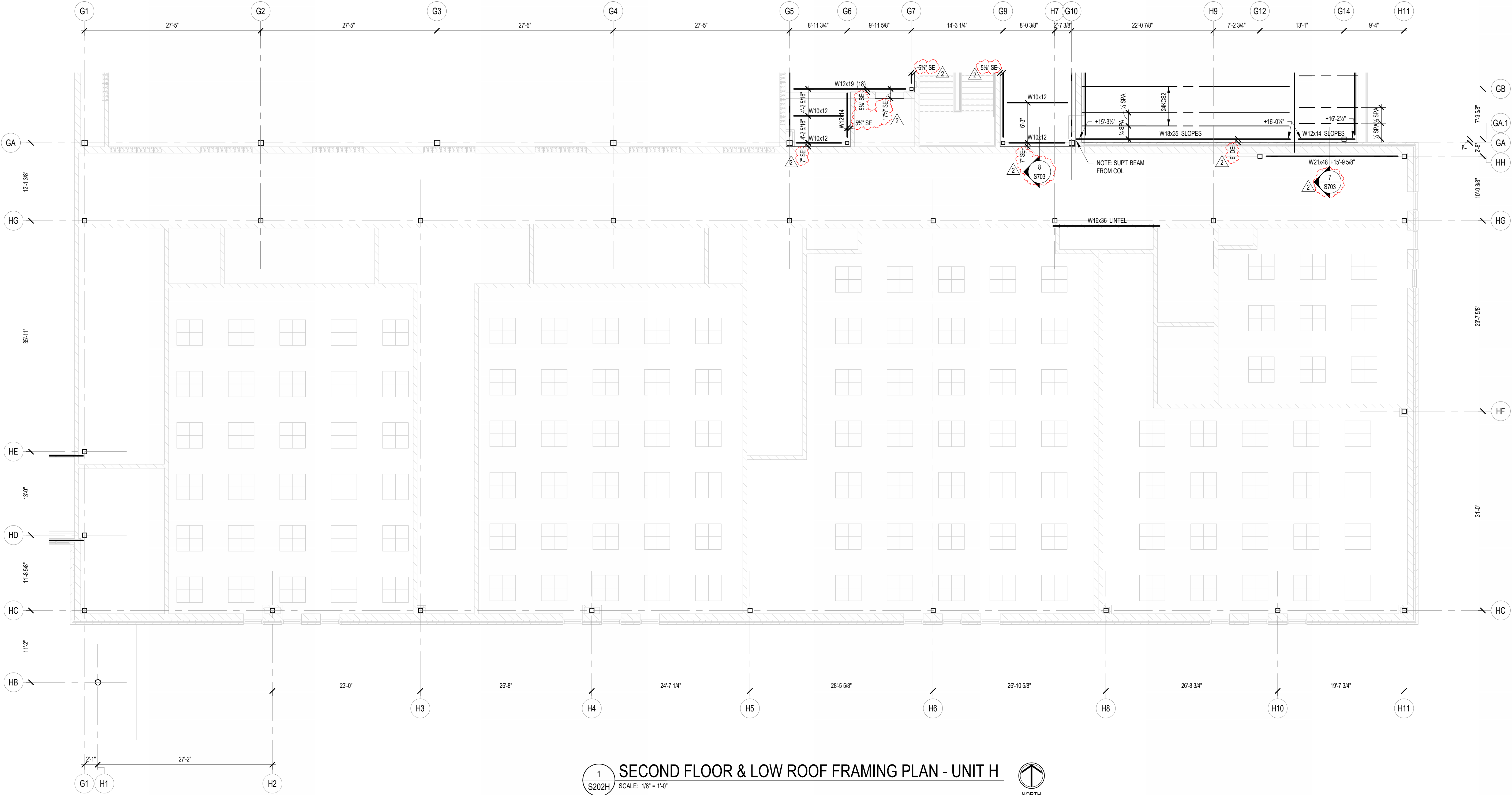
CERTIFIED BY:  
MAX D. L. V. L.P.E.  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA  
PE19400114  
08/10/2024

DRAWING NUMBER  
S202H

PROJECT NUMBER  
2023061



KEYPLAN



1 SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT H  
S202H SCALE: 1/8" = 1'-0" NORTH



**CSO**  
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Lynch, Harrison & Brumleve, INC.  
550 Virginia Avenue  
Indianapolis, IN 46203  
317.423.1551

PROJECT:  
WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
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REVISIONS:  
ADDENDUM NO. 06 08/10/2024

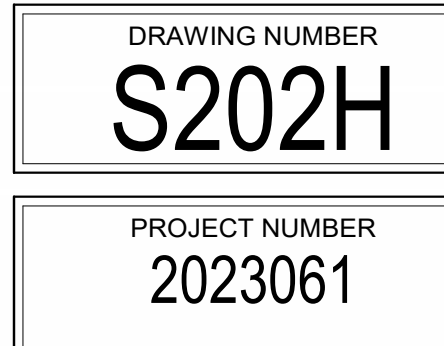
ISSUE DATE 07/26/2024 DRAWN BY JRV CHECKED BY MDL

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

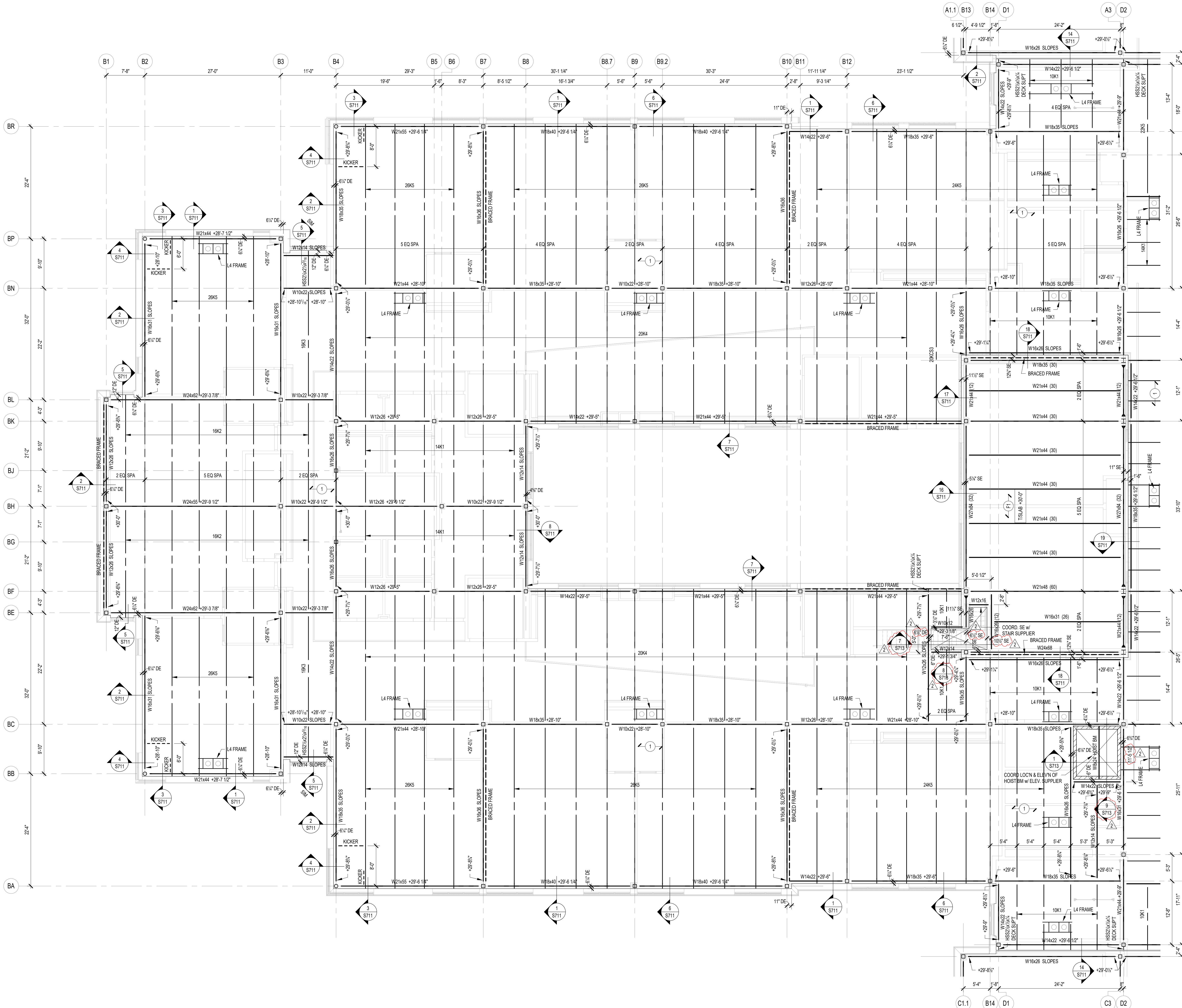
CERTIFIED BY:  
MAX D. L. V. L.P.E.  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA  
PE19400114  
08/10/2024

DRAWING NUMBER  
S202H

PROJECT NUMBER  
2023061



KEYPLAN



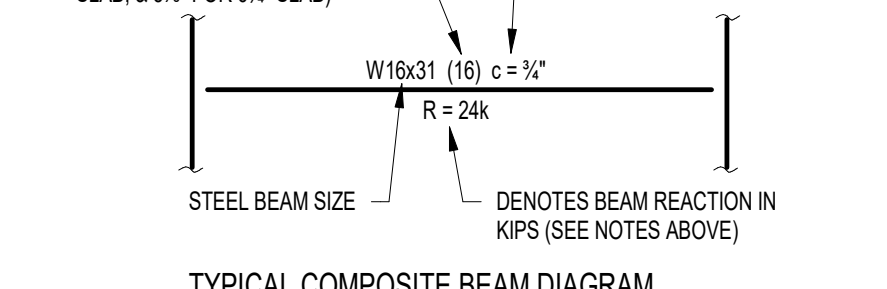
1 ROOF FRAMING PLAN - UNIT B  
 S203B SCALE: 1/8" = 1'-0"  
 NORTH

**FRAMING PLAN NOTES**

- REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
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- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). 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 ON S404. 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 DRAWINGS.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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 SJ 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:

- FF DENOTES FIN. FLOOR
- TX DENOTES TOP OF STEEL SLAB, ETC.
- BTX DENOTES BOTTOM OF UNTEL, 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
- F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 3/4" NW CONC. SLAB w/ #6-W2.3W2.3 W/W. TOTAL T = 5.5". REF. DETAIL 1S404.
- F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4/2" NW CONC. SLAB w/ #6-W2.3W2.3 W/W. TOTAL T = 6.5". REF. DETAIL 2S404.
- F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBERFORCE 80 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 3S404.
- F4 DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PANDED WIDE RIB STEEL ROOF DECK. REF. DETAIL 4S404.
- F5 DENOTES 2" 20 GA. GALVANIZED & PRIME-PANDED DOVETAIL STEEL ROOF DECK. REF. DETAIL 1S406.
- 2A DENOTES 2" 18 GA. GALVANIZED & PRIME-PANDED DOVETAIL ACoustICAL STEEL ROOF DECK. INSULATION MIN. R=3. REF. DETAIL 2S406.
- 3 DENOTES 3" 20 GA. GALVANIZED & PRIME-PANDED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5S404.
- 3S DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PANDED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3S406.
- BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
- BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
- DENOTES BRACED FRAME OR KICKER LOCATION
- DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.

17. 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 15 KIPS.



TYPICAL COMPOSITE BEAM DIAGRAM

NO. OF 3/4" DIA. 1" SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STD) L = 4S' FOR 5 1/2" SLAB, 4 1/2" FOR 6" SLAB, & 5 1/2" FOR 6 1/2" SLAB

POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD DEFLECTION)

W18x31 (18) c = 12"

R = 2 1/2"

DENOTES BEAM REACTION IN KIPS (SEE NOTES ABOVE)

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 requirements of the Contract. On the basis of the general scope indicated on these drawings, the fabricator shall furnish all items required for the proper installation and completion of the work.

REVISIONS:  
 ADDENDUM NO. 06 08/10/2024

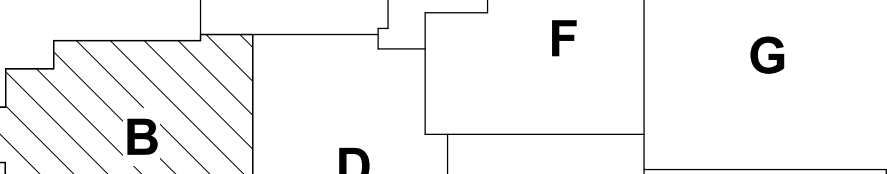
ISSUE DATE 07/26/2024 DRAWN BY JRV CHECKED BY MDL

DRAWING TITLE:  
**ROOF FRAMING PLAN - UNIT B**

CERTIFIED BY:  
 MARK D. LAY, L.P.E.  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF INDIANA  
 PE19400114

DRAWING NUMBER  
**S203B**

PROJECT NUMBER  
 2023061



KEYPLAN



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**HJB**  
 Lynch, Harrison & Brumleve, Inc.  
 550 Virginia Avenue  
 Indianapolis, IN 46203  
 317.423.1551

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
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 17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
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REVISIONS:  
 ADDENDUM NO. 06 08/10/2024

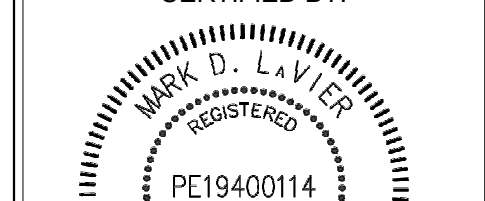
ISSUE DATE 07/26/2024 DRAWN BY JRV CHECKED BY MDL

DRAWING TITLE:  
**ROOF FRAMING PLAN - UNIT B**

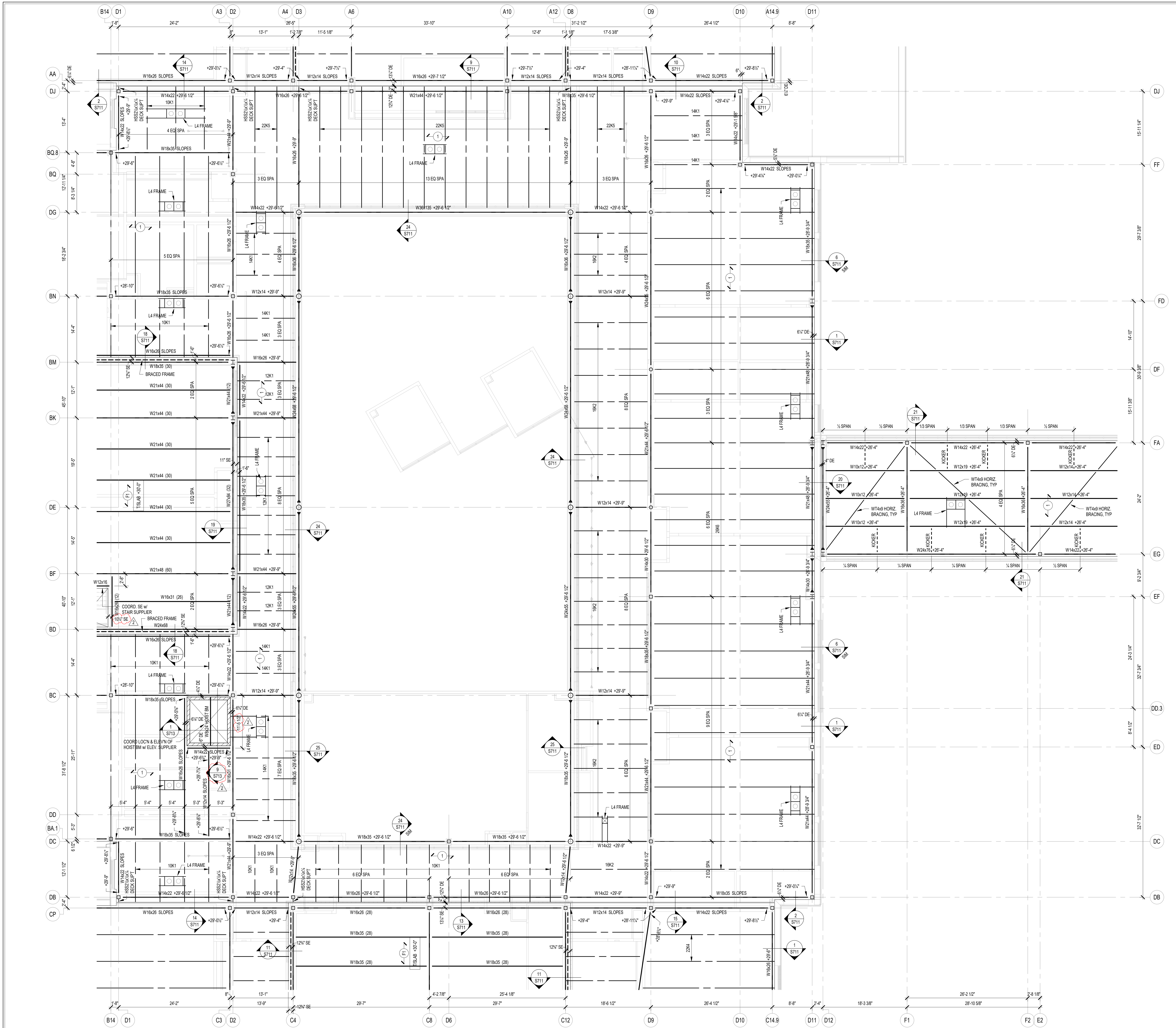
CERTIFIED BY:  
 MARK D. LAY, L.P.E.  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF INDIANA  
 PE19400114

DRAWING NUMBER  
**S203B**

PROJECT NUMBER  
 2023061



KEYPLAN

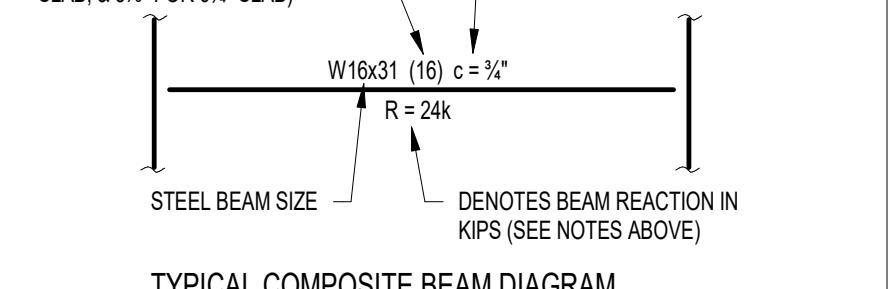


**FRAMING PLAN NOTES**

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- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). 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 ON S404. 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 DRAWINGS.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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 SJI 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:

- FF DENOTES FIN. FLOOR
- TX DENOTES TOP OF STEEL SLAB, ETC.
- BTX DENOTES BOTTOM OF UNTEL, 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
- F1 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 3/4" NW CONC. SLAB w/ 6#-W2.1X12.1 W/W. TOTAL T = 5 1/2". REF. DETAIL 1S404.
- F2 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4 1/2" NW CONC. SLAB w/ 6#-W2.3XW2.3 W/W. TOTAL T = 6 1/2". REF. DETAIL 2S404.
- F3 DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBERFORCE 80 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 3S404.
- 1 DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 4S404.
- 2 DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 1S406.
- 2A DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACoustICAL STEEL ROOF DECK WITH INSULATION. MIN. R10. REF. DETAIL 2S406.
- 3 DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP RIB STEEL ROOF DECK. REF. DETAIL 5S404.
- 3.5 DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3S406.
- Denotes BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
- Denotes BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
- 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 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 15 KIPS.  
NO. OF 3/4" DIA. x 1" S'HEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STUD L = 45" FOR 5 1/2" SLAB, 45" FOR 6" SLAB, & 5 1/2" FOR 6 1/2" SLAB)



TYPICAL COMPOSITE BEAM DIAGRAM

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project in terms of architectural design concept. The architectural, structural, mechanical and electrical systems shown are for informational purposes only and do not constitute a contract. The contractor shall verify all dimensions and conditions of the work shown on the drawings and make any necessary adjustments to the drawings prior to construction.

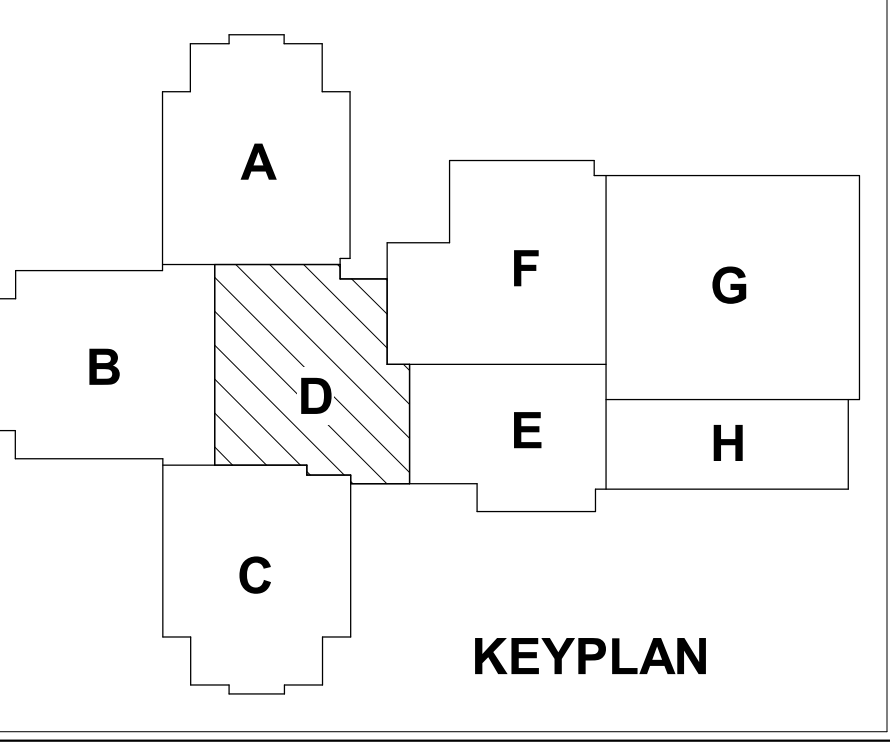
REVISIONS:  
 A ADDENDUM NO. 05 08/09/2024  
 B ADDENDUM NO. 06 08/16/2024

ISSUE DATE DRAWN BY CHECKED BY  
 07/26/2024 JRV MDL

DRAWING TITLE:  
**ROOF FRAMING PLAN - UNIT D**

CERTIFIED BY:  
 PE19400114  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

DRAWING NUMBER  
**S203D**  
 PROJECT NUMBER  
 2023061



1 ROOF FRAMING PLAN - UNIT D  
 SCALE: 1/8" = 1'-0"  
 NORTH



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**HJB**  
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 550 Virginia Avenue, Indianapolis, IN 46203  
 317.423.1550  
 317.423.1551

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
 BID DOCUMENTS  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
 These drawings indicate the general scope of the project in terms of architectural design concept. The architectural, structural, mechanical and electrical systems shown are for informational purposes only and do not constitute a contract. The contractor shall verify all dimensions and conditions of the work shown on the drawings and make any necessary adjustments to the drawings prior to construction.

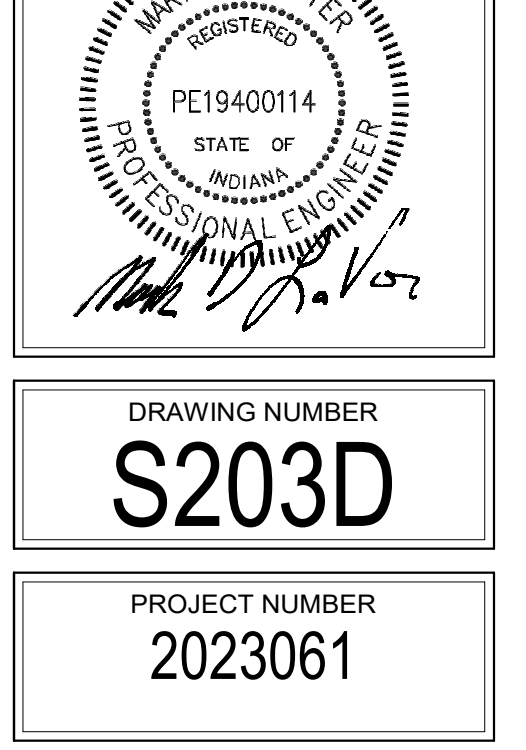
REVISIONS:  
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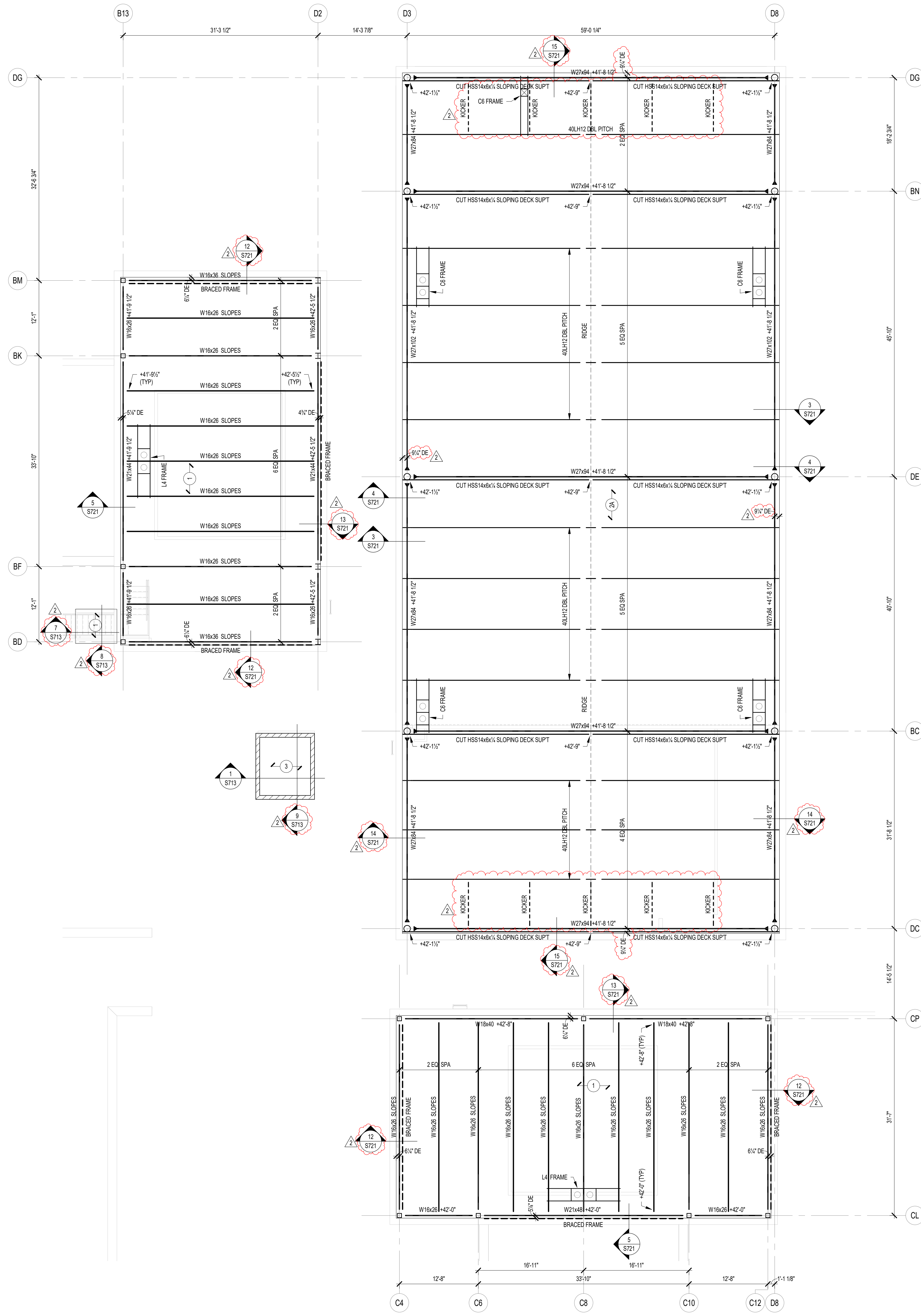
ISSUE DATE DRAWN BY CHECKED BY  
 07/26/2024 JRV MDL

DRAWING TITLE:  
**ROOF FRAMING PLAN - UNIT D**

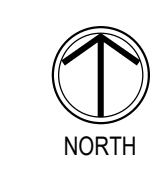
CERTIFIED BY:  
 PE19400114  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

DRAWING NUMBER  
**S203D**  
 PROJECT NUMBER  
 2023061





1 UPPER ROOF FRAMING PLAN - UNITS B, C & D  
S204BCD SCALE: 1/8" = 1'-0"

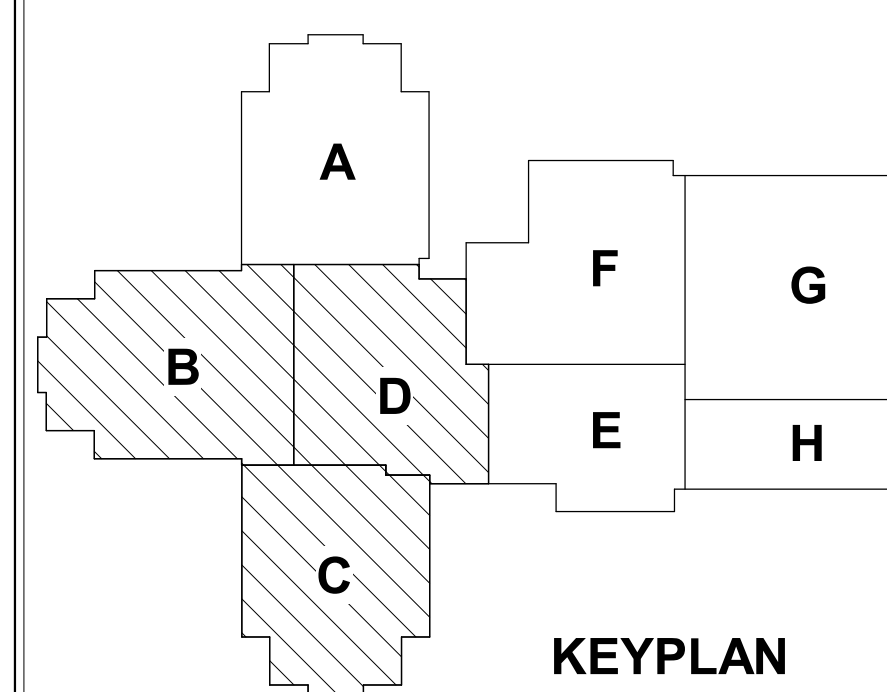


**FRAMING PLAN NOTES**

- 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 ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 824.00). 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 ON S404. 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 DRAWINGS.
- REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
- 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 SJ 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:
 

FF	DENOTES FIN. FLOOR
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
F1	DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 3/4" NW CONC. SLAB w/ #6-W2.3M@12" W/WF. TOTAL T = 5". REF. DETAIL 1/5404.
F2	DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4/4" NW CONC. SLAB w/ #6-W2.3M@12" W/WF. TOTAL T = 6". REF. DETAIL 2/5404.
F3	DENOTES 2" 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC. SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBERFORCE 850 FIBER REIN. BLEND @ 24 LB/CY. TOTAL T = 4". REF. DETAIL 3/5404.
1	DENOTES 1 1/2" 20 GA. GALVANIZED & PRIME-PAINTED WIDE-RIB STEEL ROOF DECK. REF. DETAIL 4/5404.
2	DENOTES 2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 1/5406.
2A	DENOTES 2" 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACOUSTICAL STEEL ROOF DECK w/ INSULATION. MIN. RRC = 0.90. REF. DETAIL 2/5406.
3	DENOTES 3" 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5/5404.
3S	DENOTES 3 1/2" 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3/5406.
—	DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
—	DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
—	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 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 15 KIPS.  
NO. OF 3/4" DIA. x 1" SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STD) L = 4" FOR 5 1/2" SLAB, 4" FOR 6" SLAB, & 5" FOR 6 1/2" SLAB.  
POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION  
STEEL BEAM SIZE DENOTES BEAM REACTION IN KIPS (SEE NOTES ABOVE)

TYPICAL COMPOSITE BEAM DIAGRAM



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**HJB**  
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Indianapolis, IN 46203  
317.423.1550  
317.423.1551

**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS**  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of architectural design content. The drawings are not intended to show the details of structural, mechanical and electrical systems. The drawings are not necessarily indicative of the location or quantity of work required for the performance and completion of the project. On the basis of the general scope indicated on drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

**REVISIONS:**

ADDENDUM NO. 05	08/09/2024
ADDENDUM NO. 06	08/16/2024

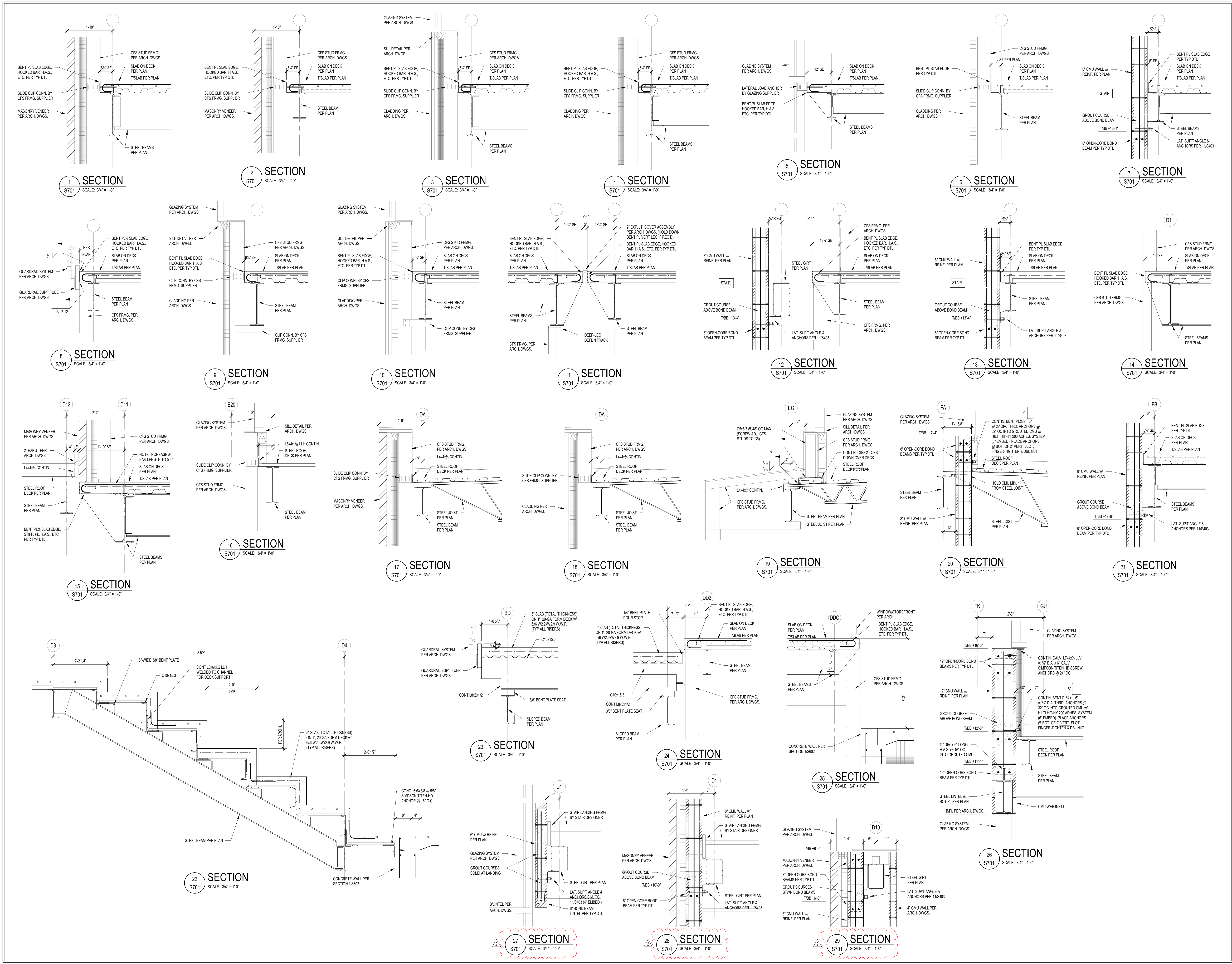
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

**DRAWING TITLE:**  
UPPER ROOF FRAMING PLAN - UNITS B, C & D

**CERTIFIED BY:**  
MARK D. LAYLER  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA  
PE19400114  
*[Signature]*

**DRAWING NUMBER:**  
**S204BCD**

**PROJECT NUMBER:**  
2023061



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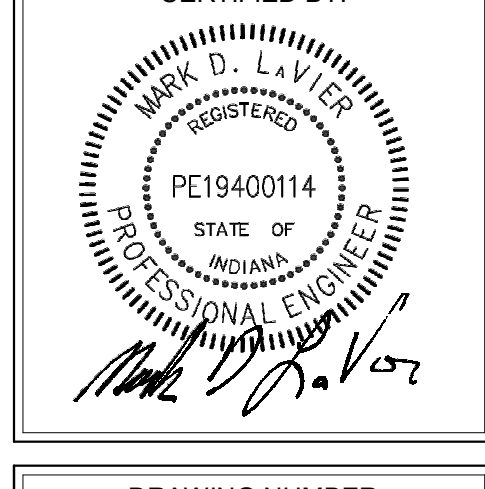
PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
 BID DOCUMENTS  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
 These drawings indicate the general scope of the project in terms of mechanical design content. The drawings of electrical, mechanical and electrical systems. The drawings do not constitute a contract or any part thereof. It is the responsibility of the contractor to verify all requirements of the Contract. On the basis of the general scope indicated on drawings, the contractor shall furnish all items required for the proper installation and completion of the work.

REVISIONS:	ADDITION NO.	DATE
1	06	08/09/2024
2	05	08/16/2024

ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:  
**FRAMING  
 SECTIONS AND  
 DETAILS**



DRAWING NUMBER  
**S701**  
 PROJECT NUMBER  
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**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
 BID DOCUMENTS  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project in accordance with the design contract. The architectural, mechanical, electrical and plumbing drawings are not intended to be a contract document. The contractor shall be responsible for obtaining all necessary permits and for coordinating with all other trades and agencies to ensure the proper installation and completion of the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper installation and completion of the work.

**REVISIONS:**  
 ADDENDUM NO. 05 08/09/2024  
 ADDENDUM NO. 06 08/16/2024

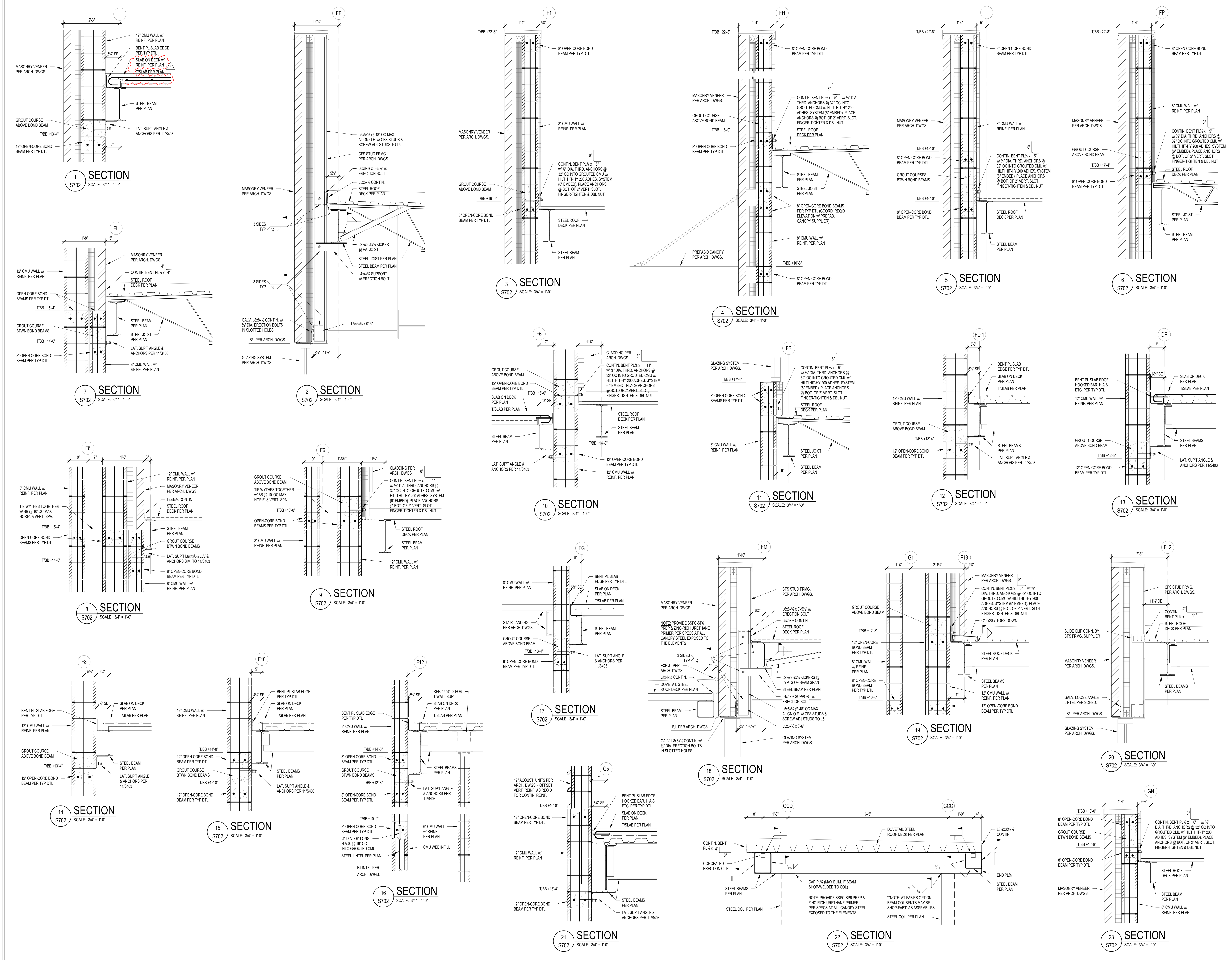
**ISSUE DATE** 07/26/2024  
**DRAWN BY** JRV  
**CHECKED BY** MDL

**DRAWING TITLE:**  
**FRAMING SECTIONS AND DETAILS**

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

**DRAWING NUMBER**  
**S702**

**PROJECT NUMBER**  
**2023061**







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PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS**  
**WESTFIELD MIDDLE SCHOOL WEST**  
**BID DOCUMENTS**  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project in terms of architectural design content. The drawings are not intended to be a contract document. The drawings are not intended to be a contract document. The drawings are not intended to be a contract document.

**REVISIONS:**  
 ADDENDUM NO. 05 08/09/2024  
 ADDENDUM NO. 06 08/16/2024

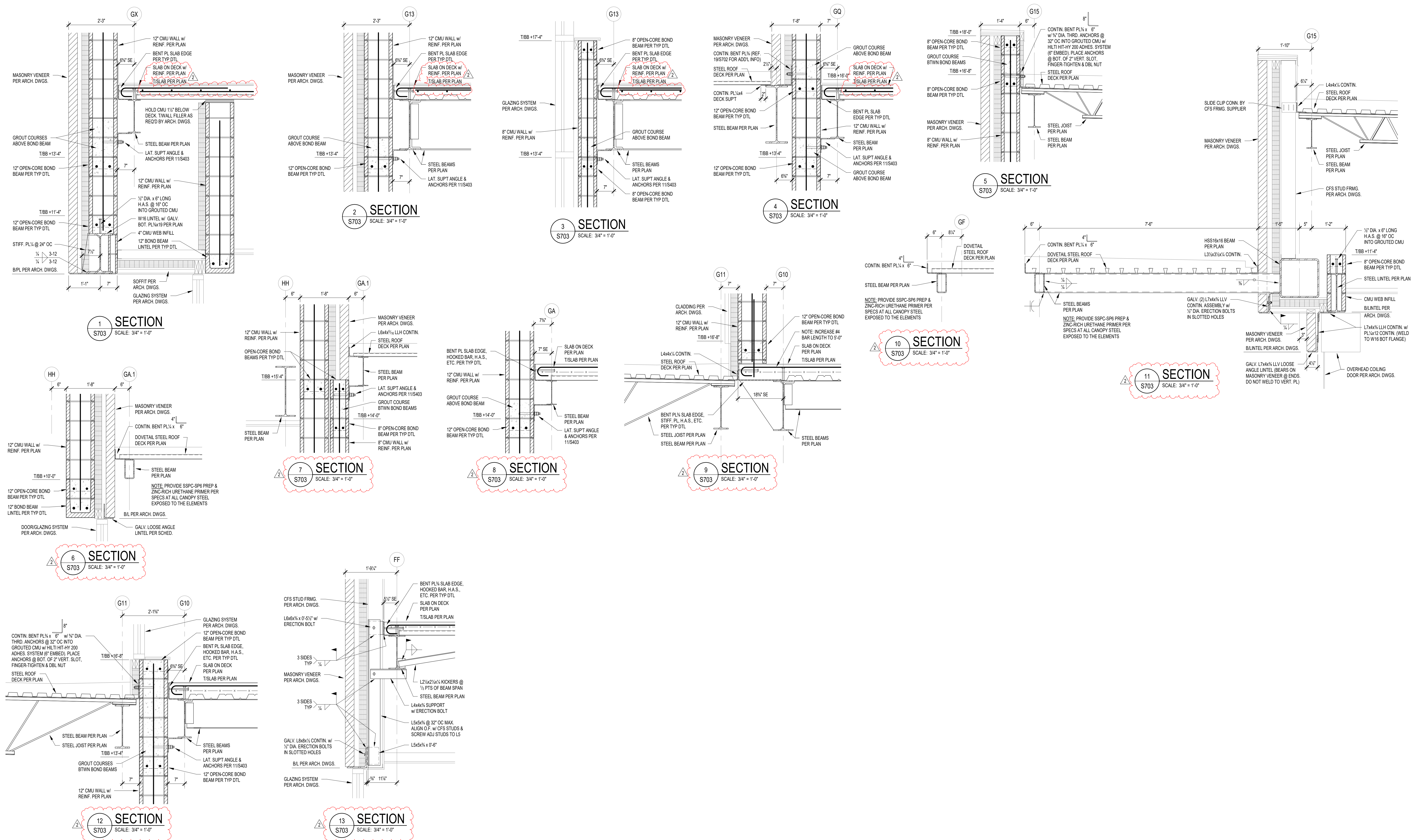
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DRAWING TITLE:  
**FRAMING SECTIONS AND DETAILS**

CERTIFIED BY:  
  
 MARK D. LAVELLE  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF INDIANA  
 PE19400114

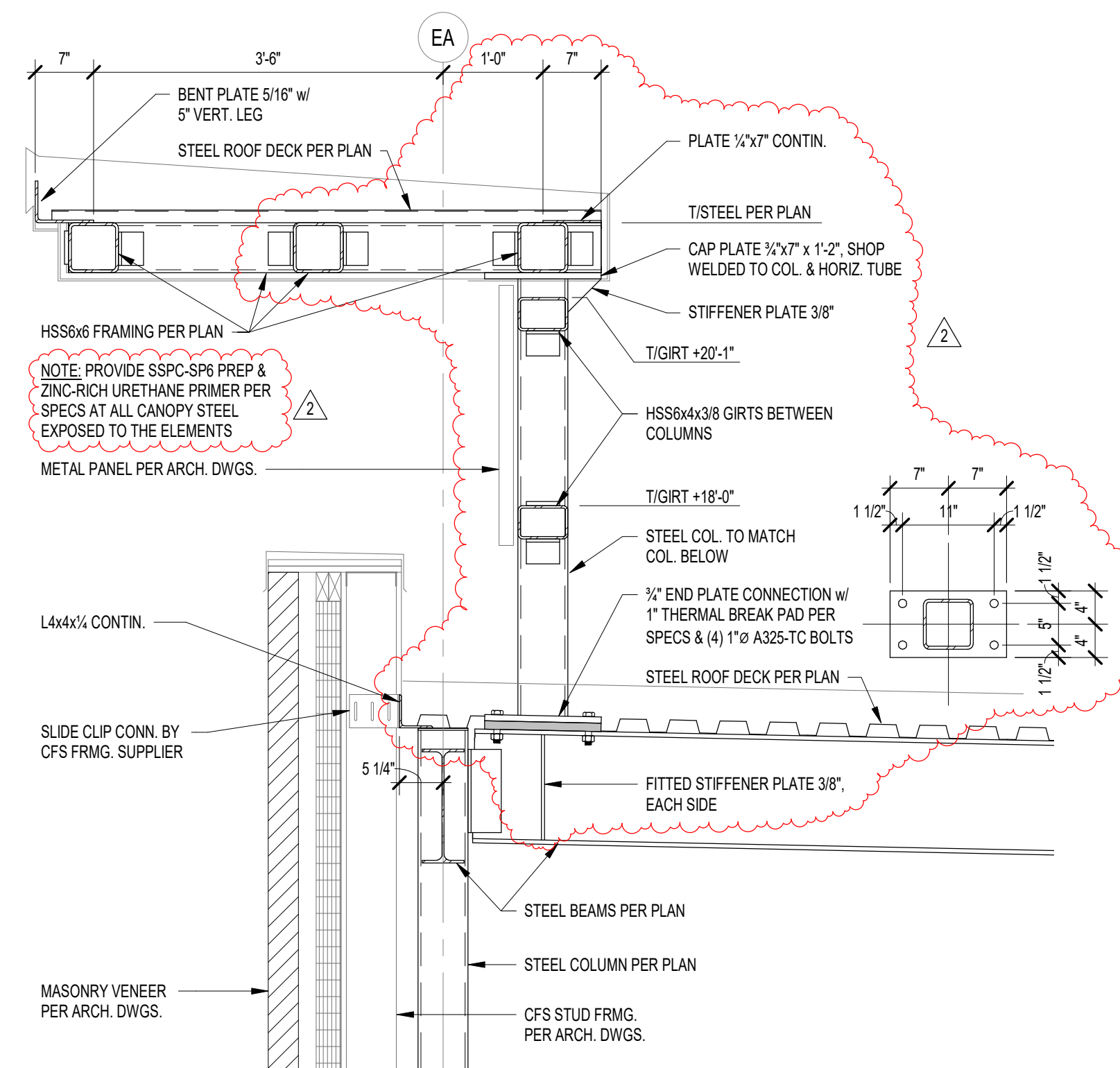
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**S703**

PROJECT NUMBER  
 2023061

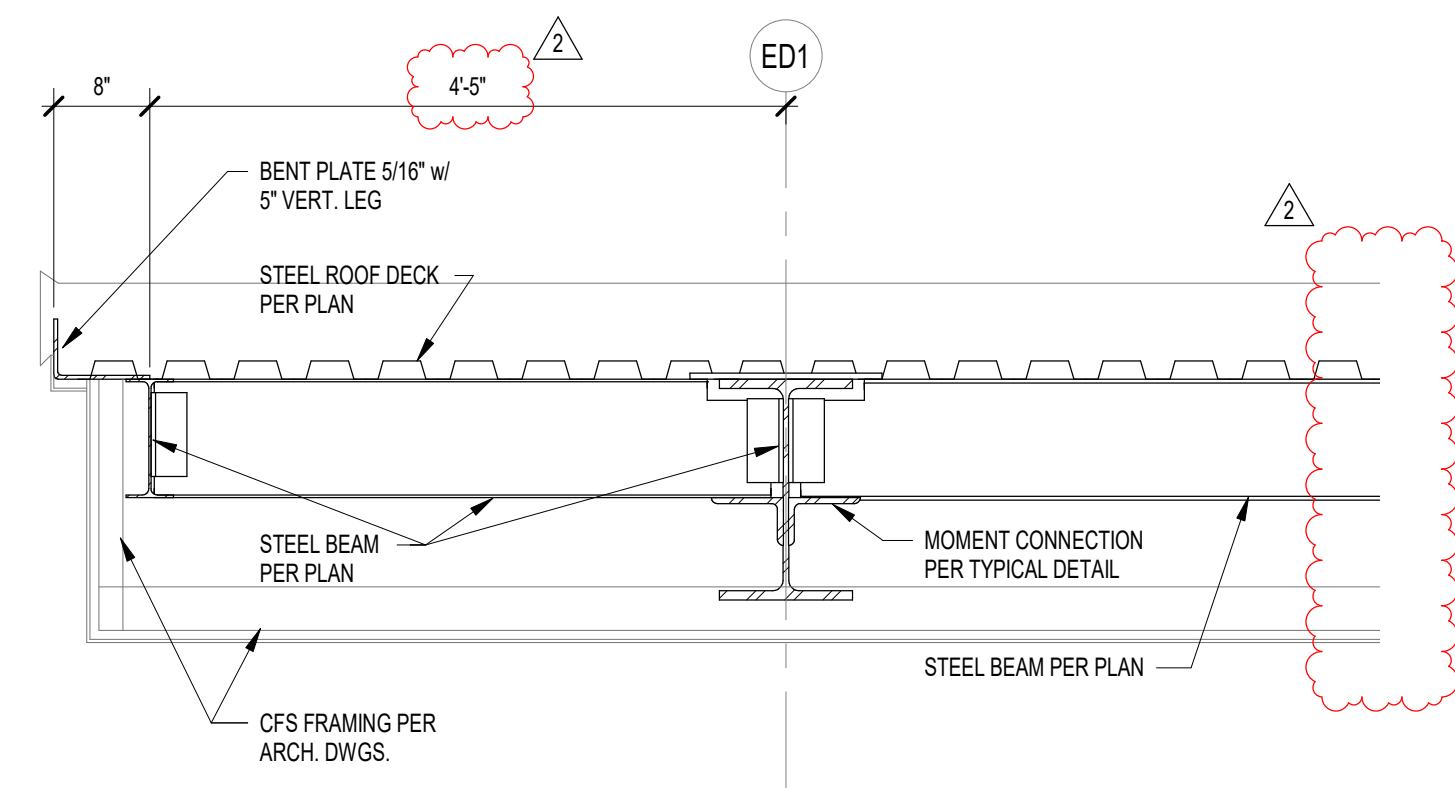


12 SECTION  
 S703 SCALE: 3/4" = 1'-0"

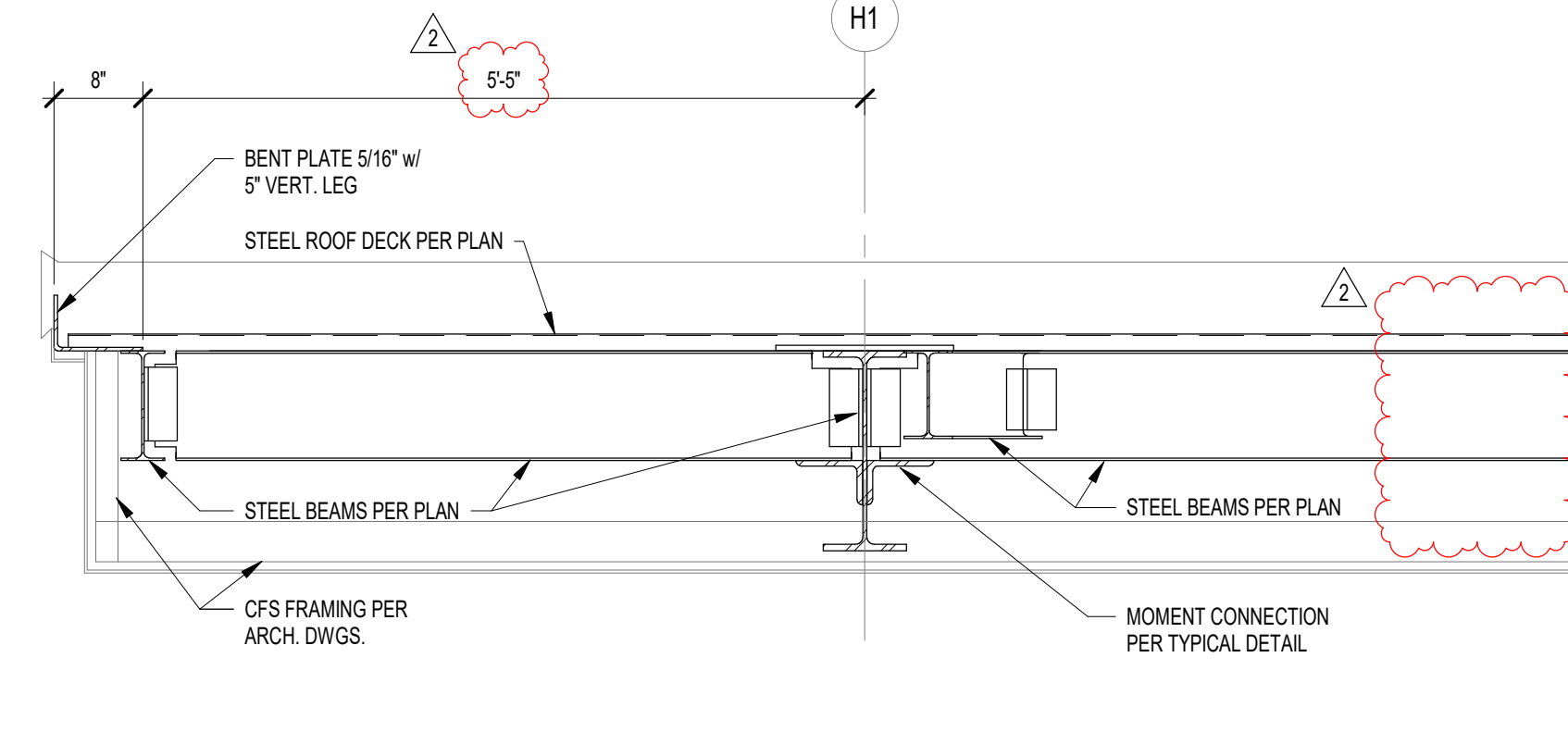
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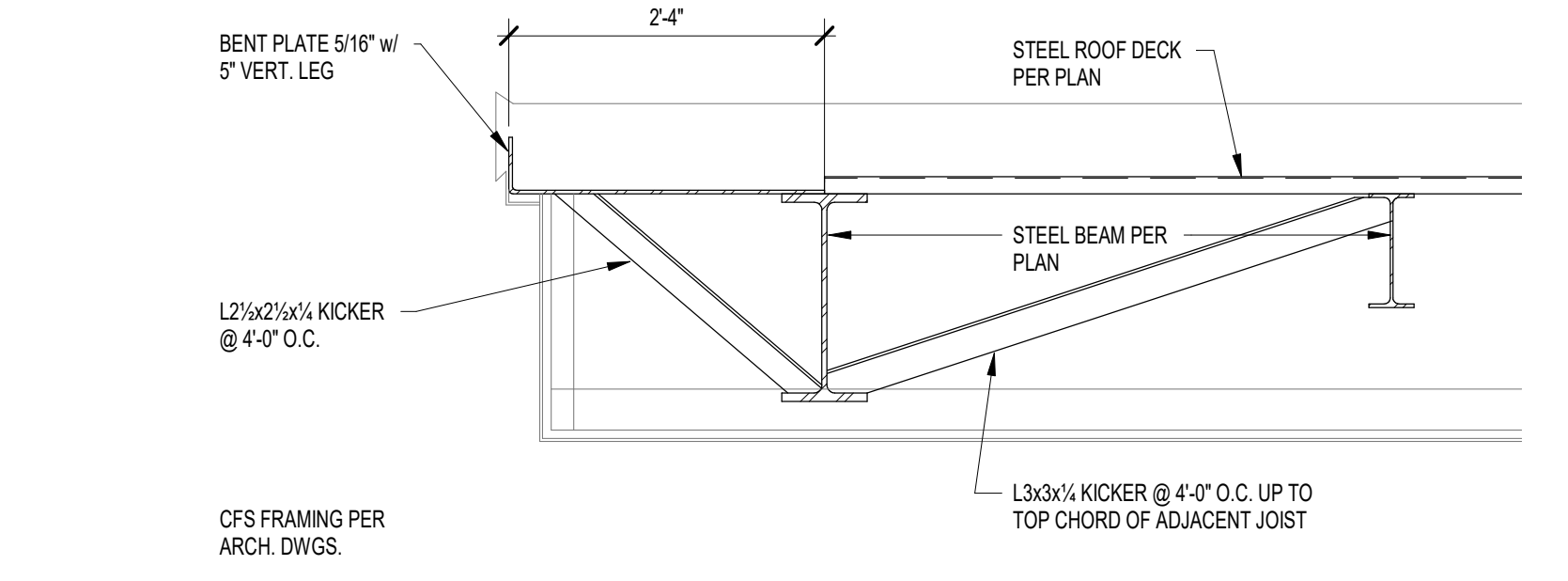
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S712 SCALE: 3/4" = 1'-0"



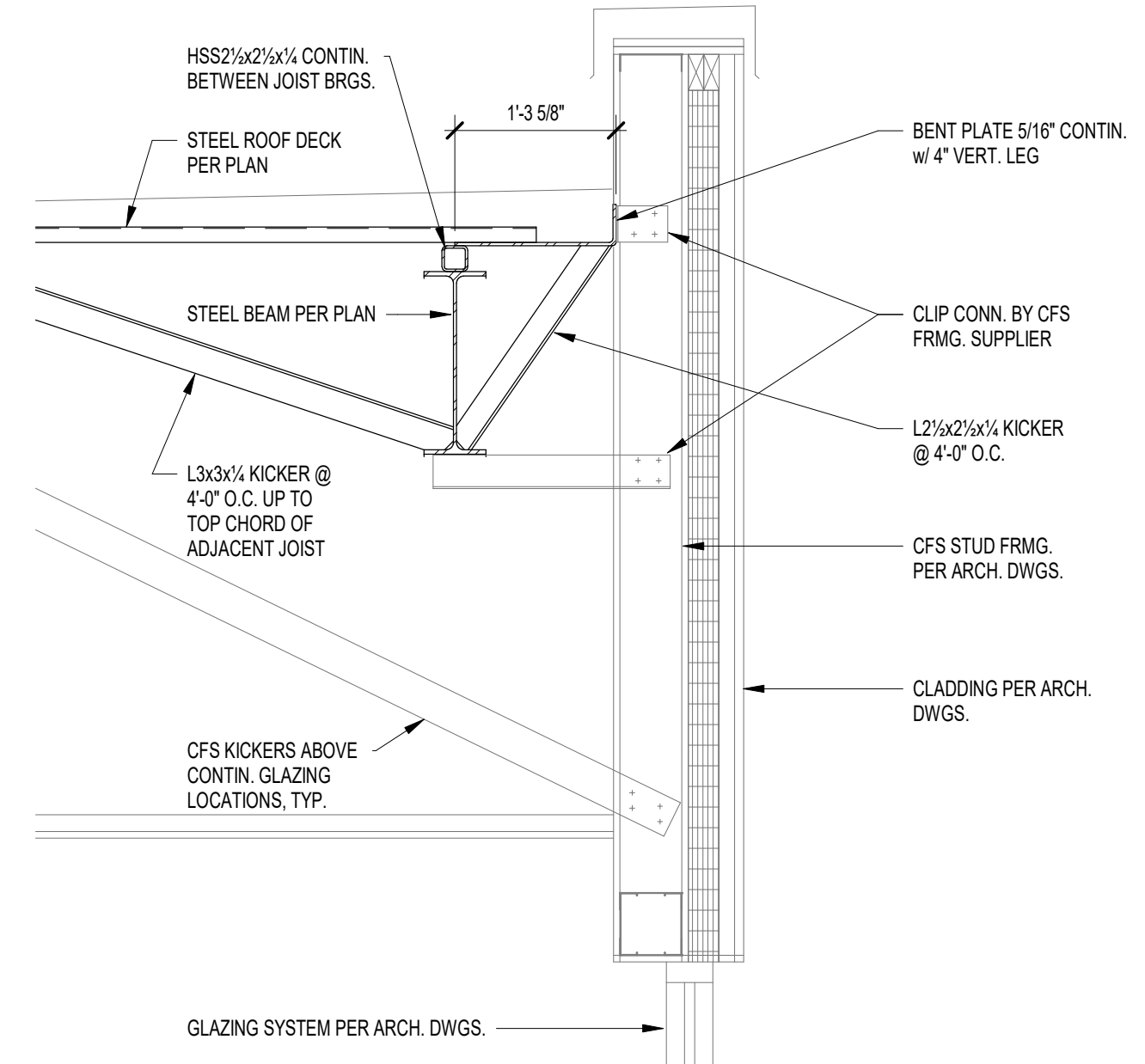
2 SECTION  
S712 SCALE: 3/4" = 1'-0"



3 SECTION  
S712 SCALE: 3/4" = 1'-0"



4 SECTION  
S712 SCALE: 3/4" = 1'-0"



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PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST**  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

**BID DOCUMENTS**

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project in terms of architectural design content. The drawings of structural, mechanical and electrical systems are not included in this set of drawings. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:  
ADDENDUM NO. 06 08/10/2024

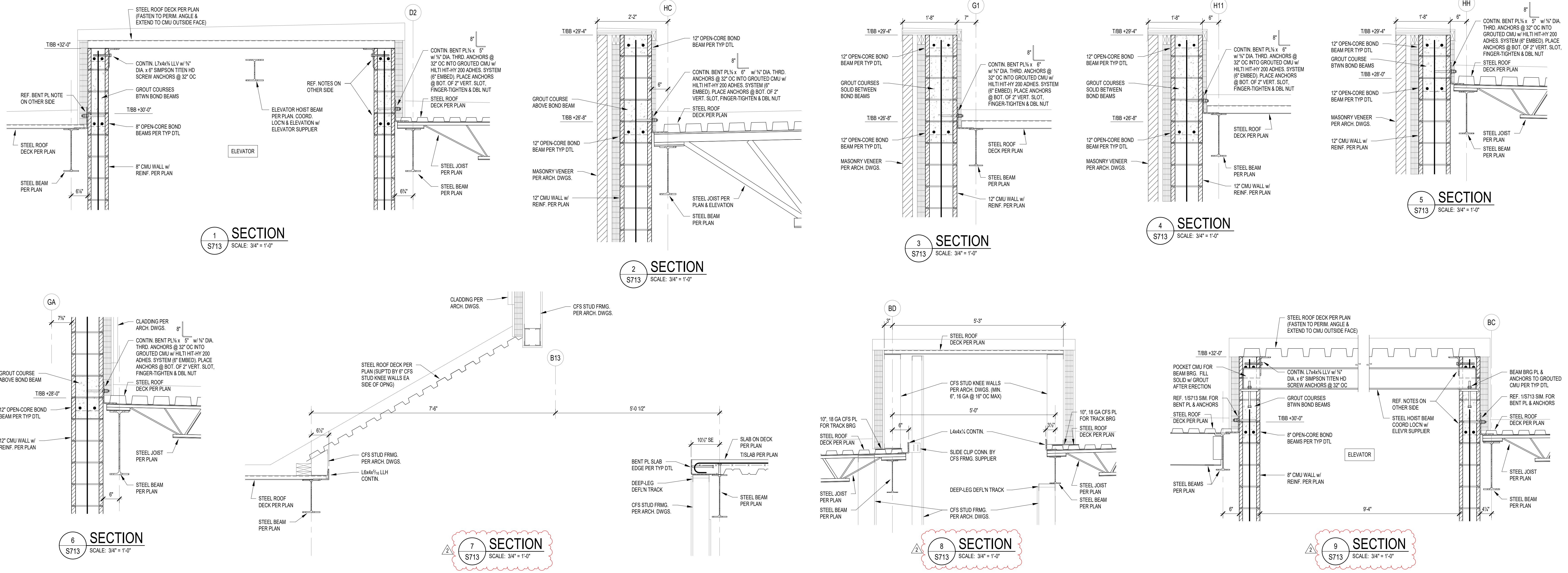
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07/26/2024	MDL	MDL

DRAWING TITLE:  
**FRAMING  
SECTIONS AND  
DETAILS**

CERTIFIED BY:  
MARK D. LAYMAN  
REGISTERED  
PE19400114  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

DRAWING NUMBER  
**S712**

PROJECT NUMBER  
**2023061**



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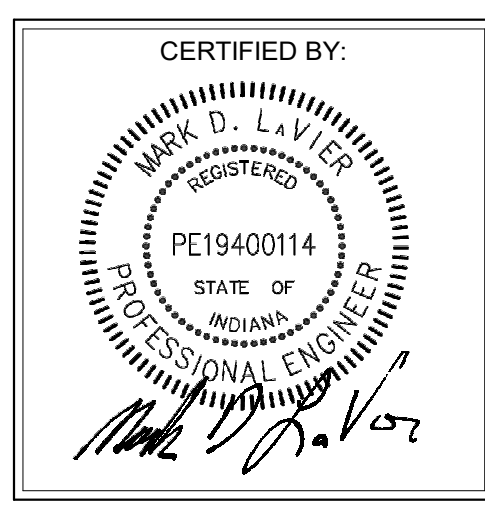
PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST**  
**BID DOCUMENTS**  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of architectural design content. The structural, mechanical, electrical and plumbing systems are shown for informational purposes only. The contractor shall verify all items required for the project and obtain all necessary permits and approvals as required by the local, state and federal authorities. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:	DATE	BY
ADDENDUM NO. 05	08/09/2024	
ADDENDUM NO. 06	08/16/2024	

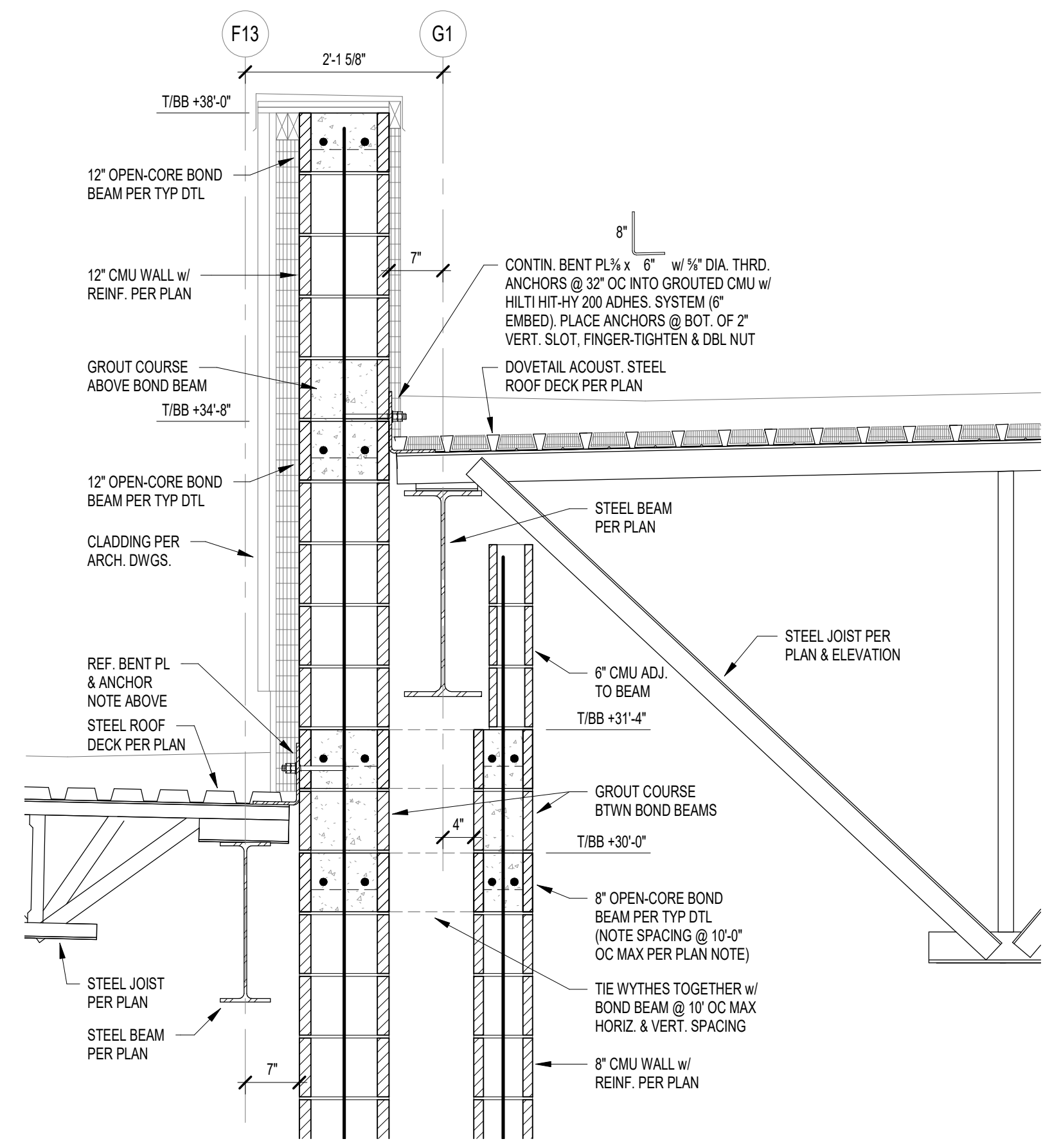
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:  
**FRAMING  
SECTIONS AND  
DETAILS**

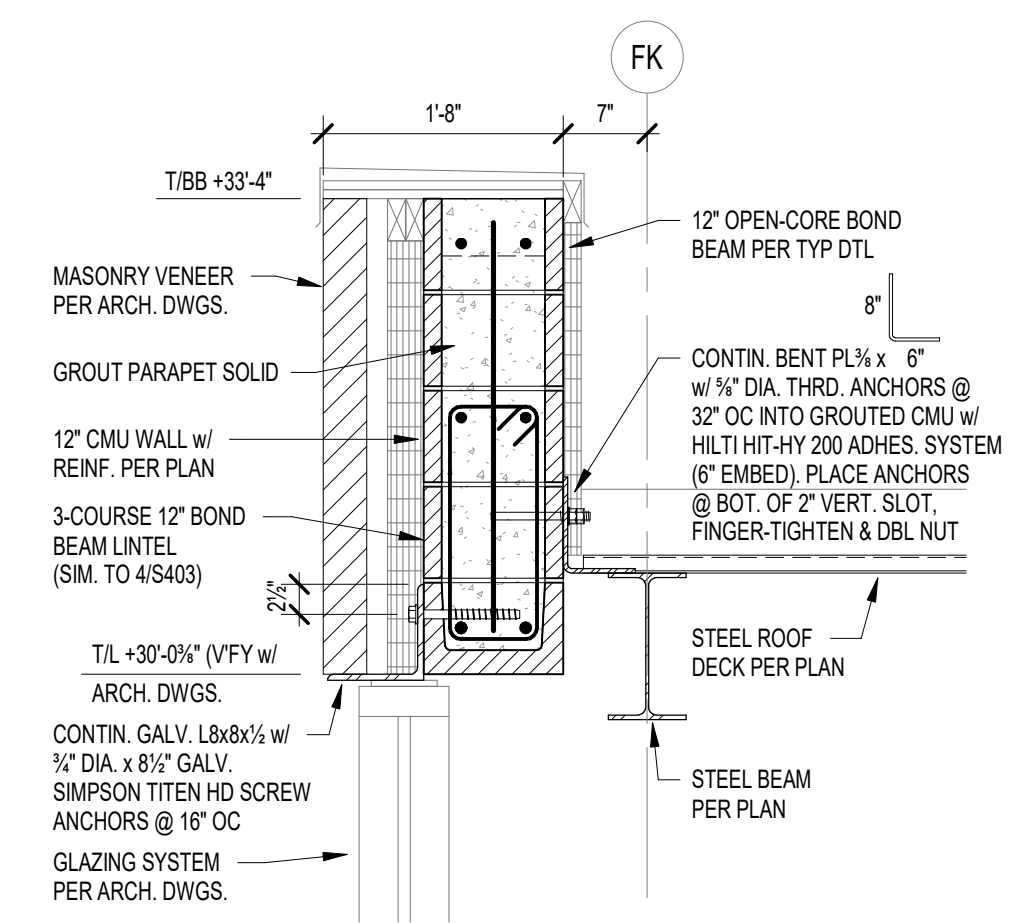


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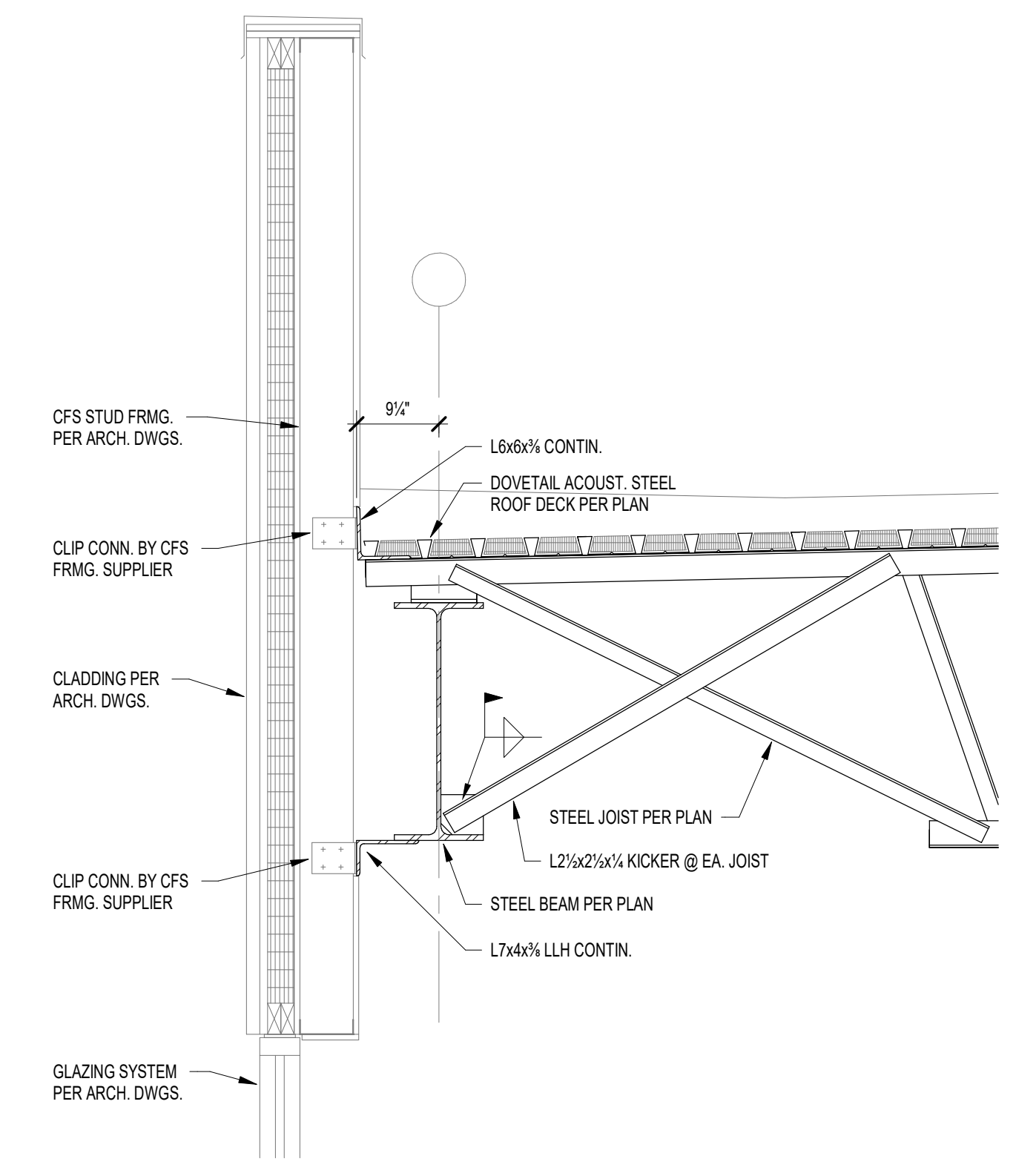
PROJECT NUMBER:  
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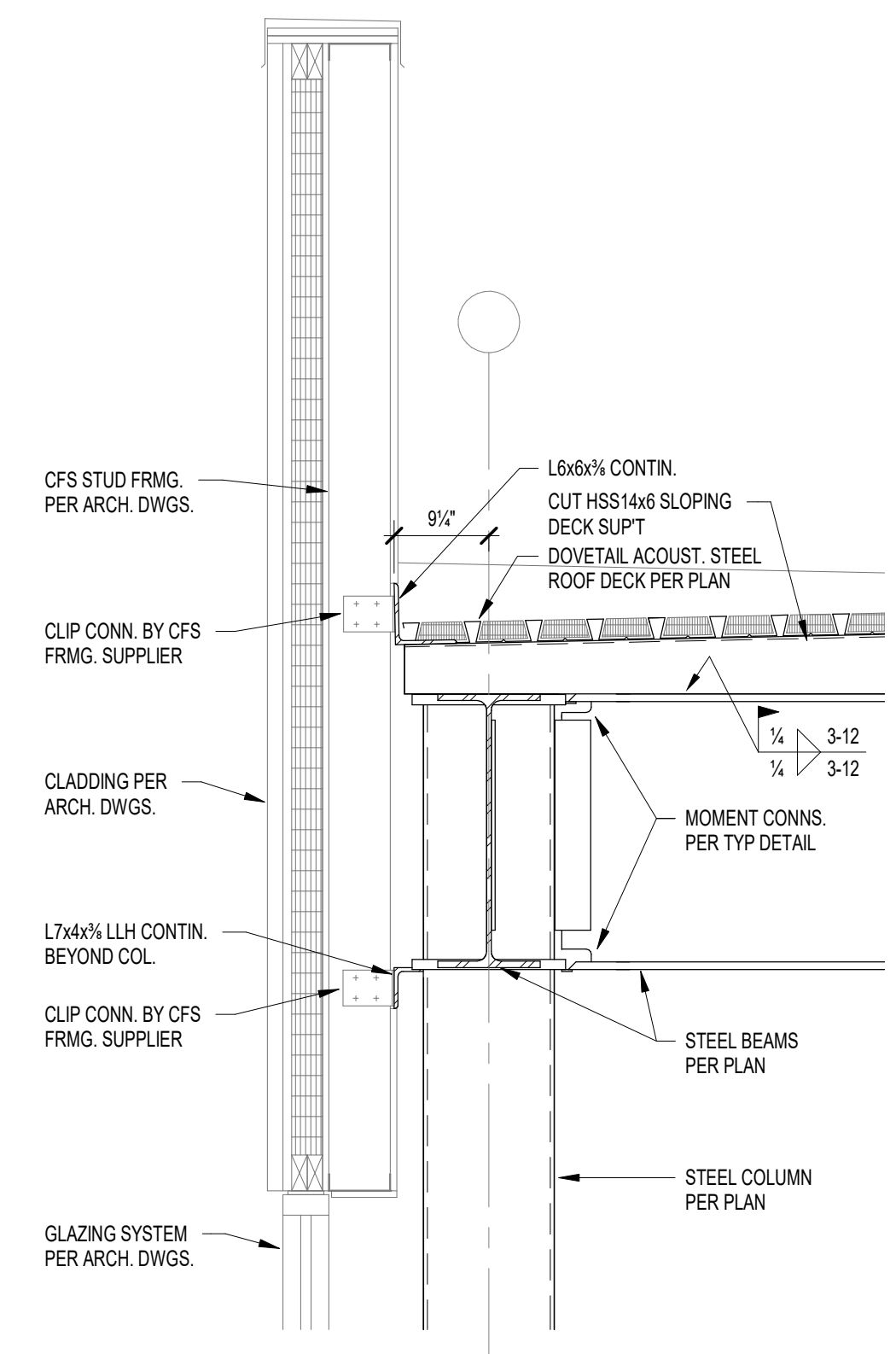
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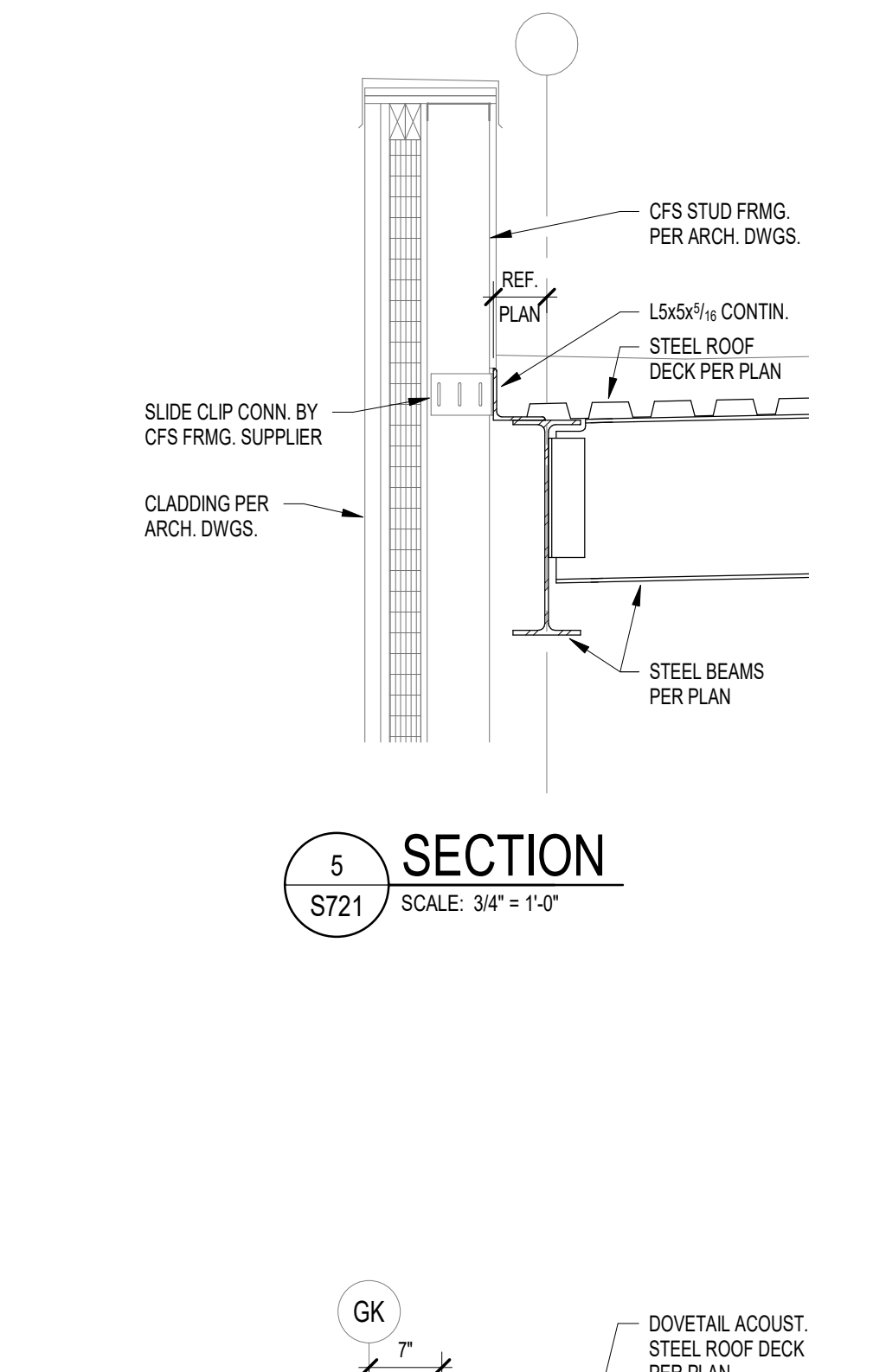
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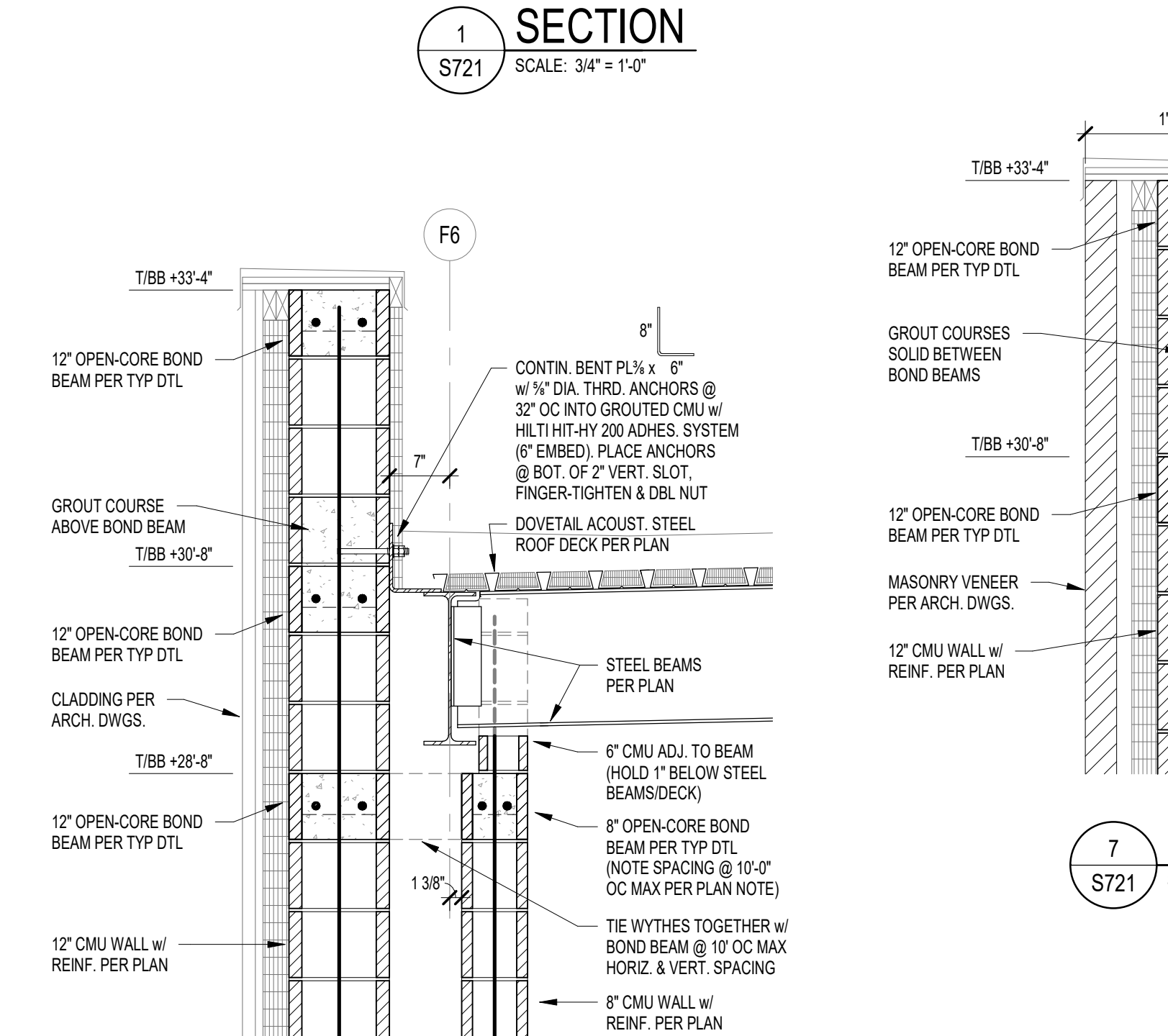
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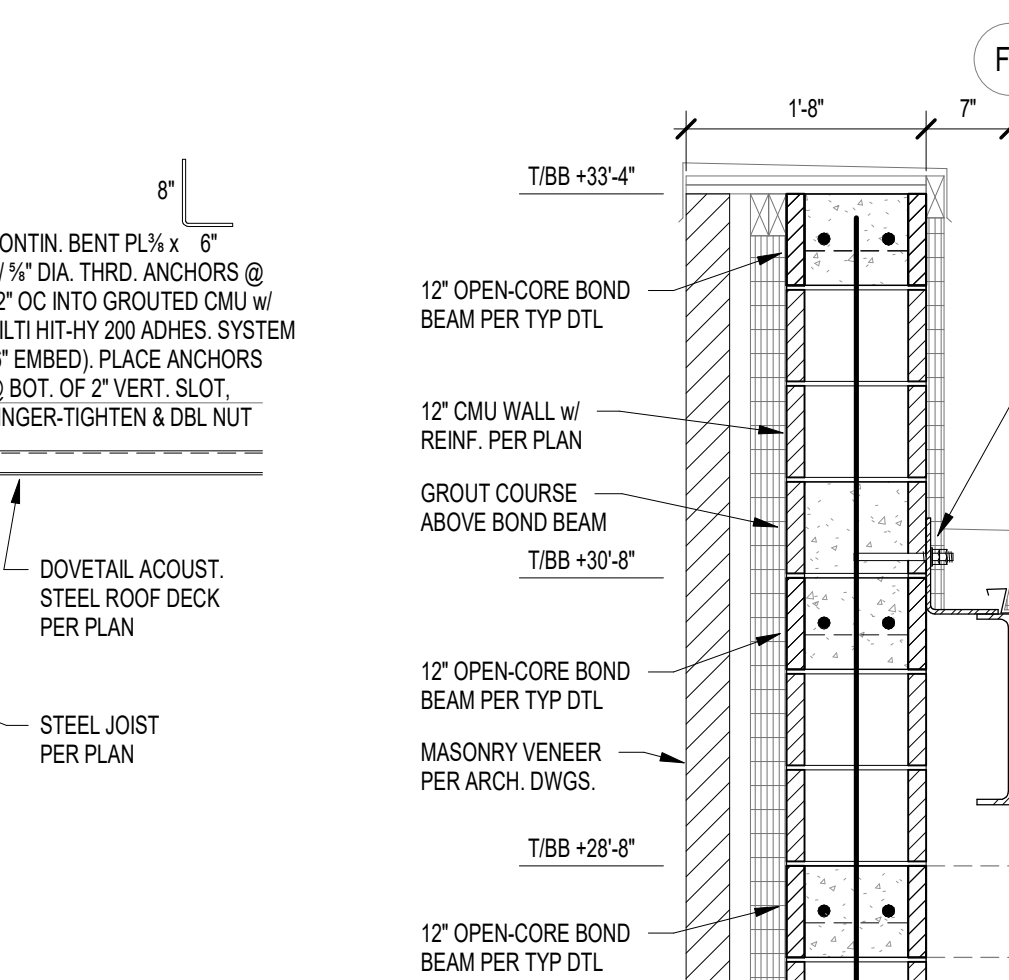
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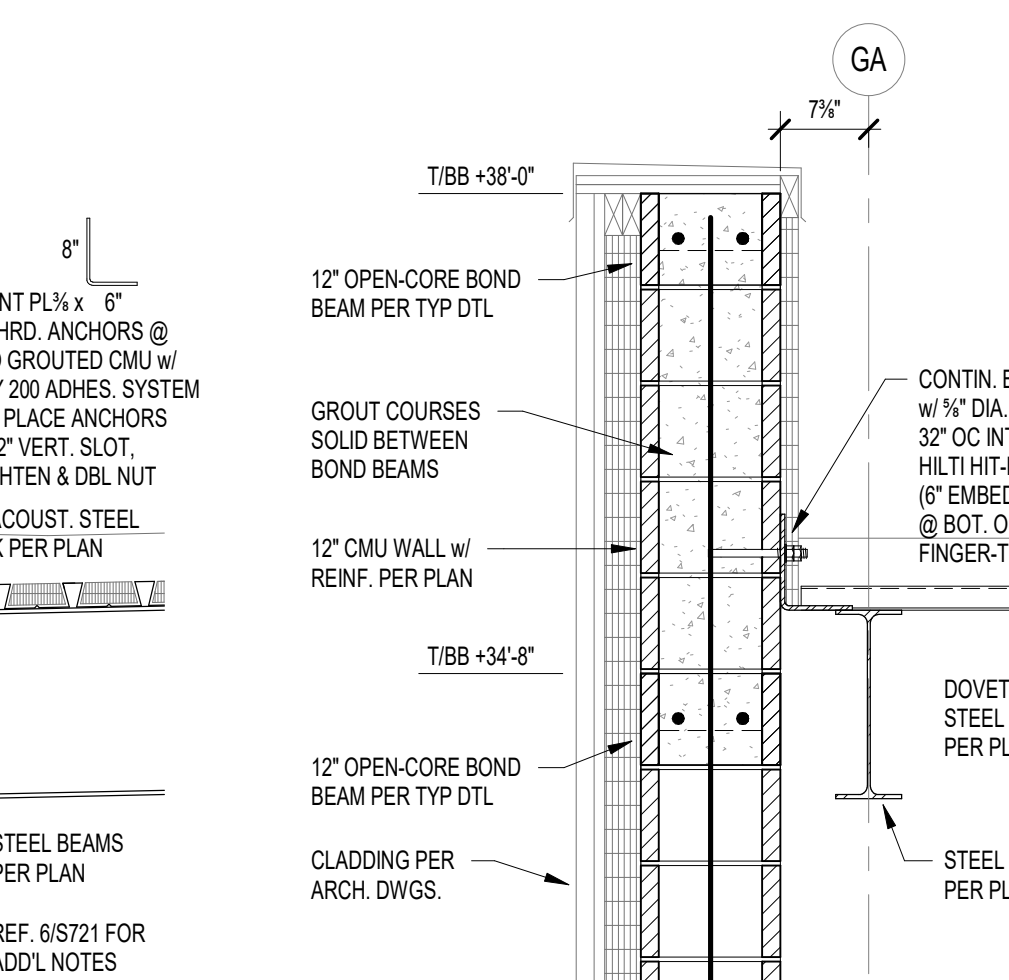
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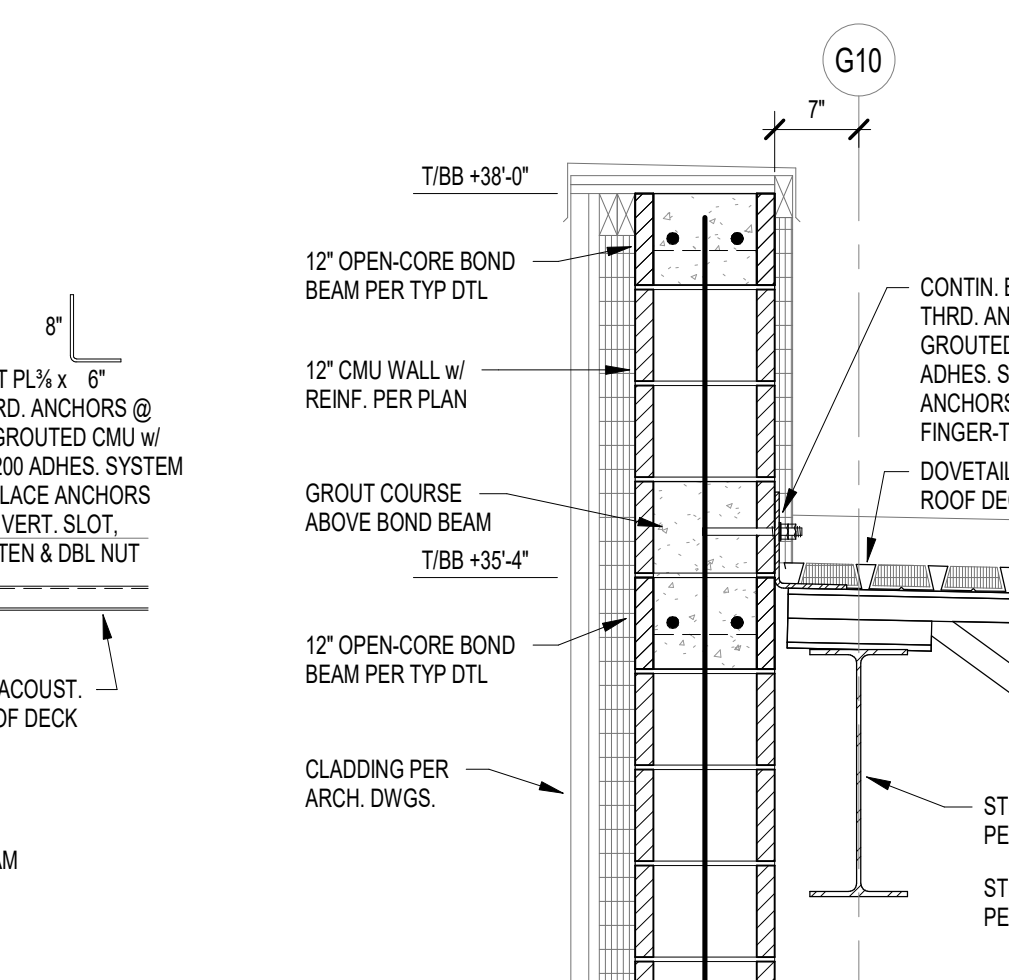
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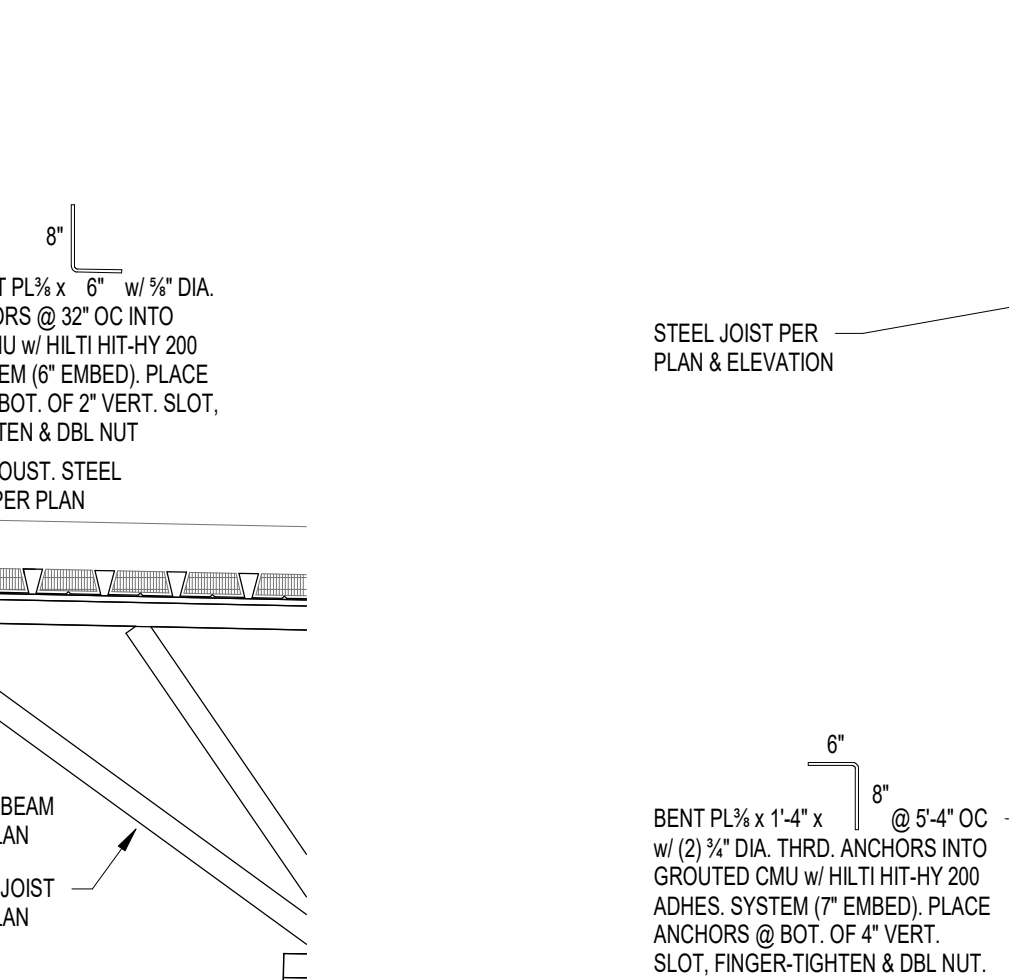
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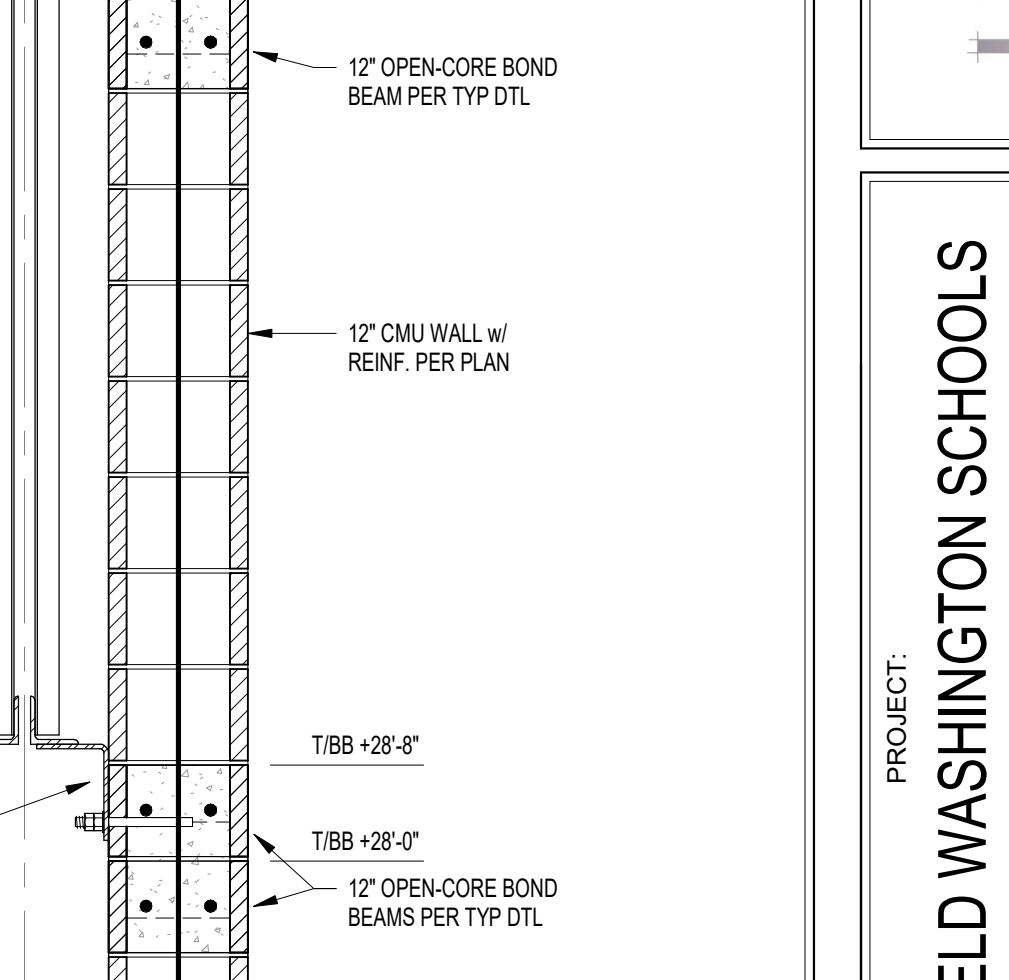
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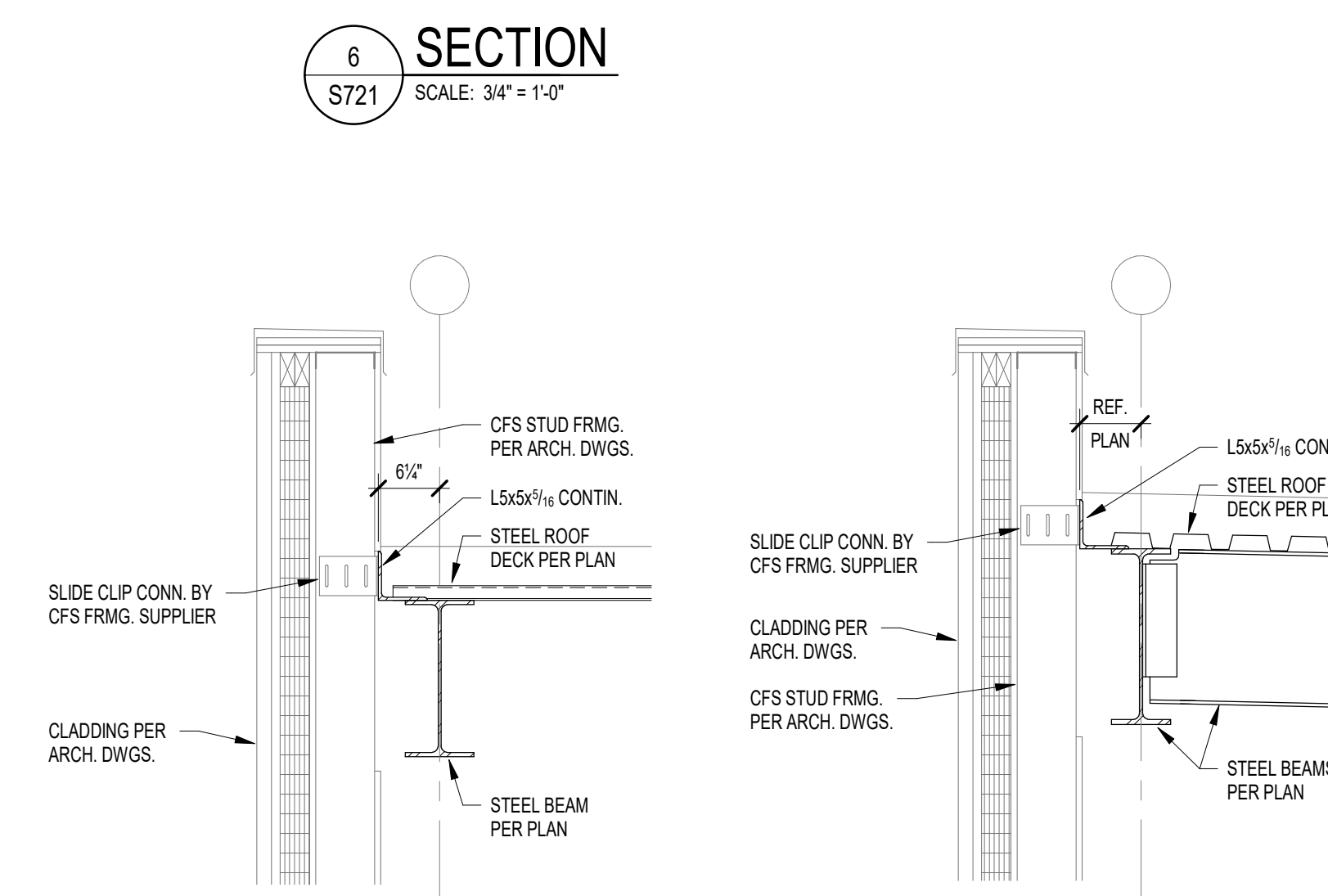
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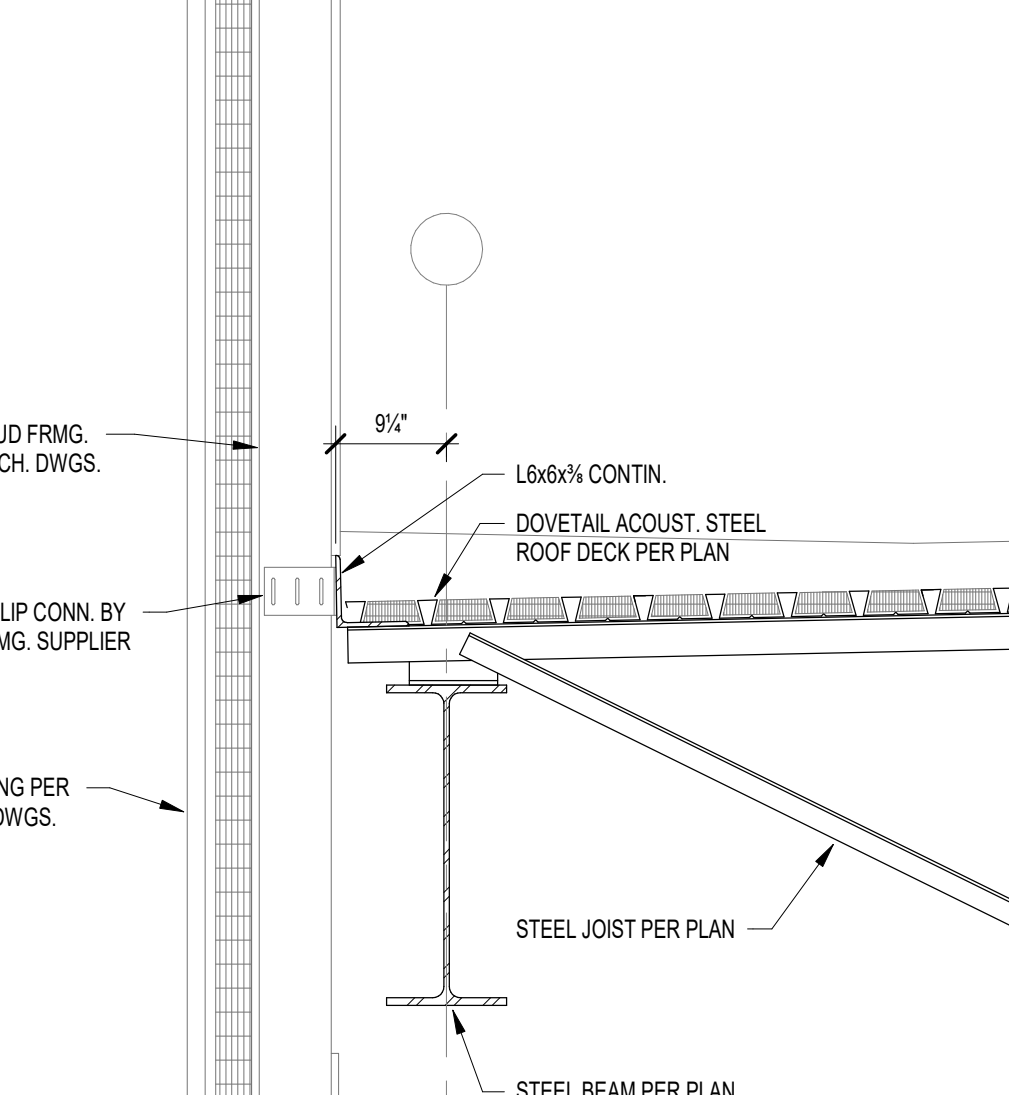
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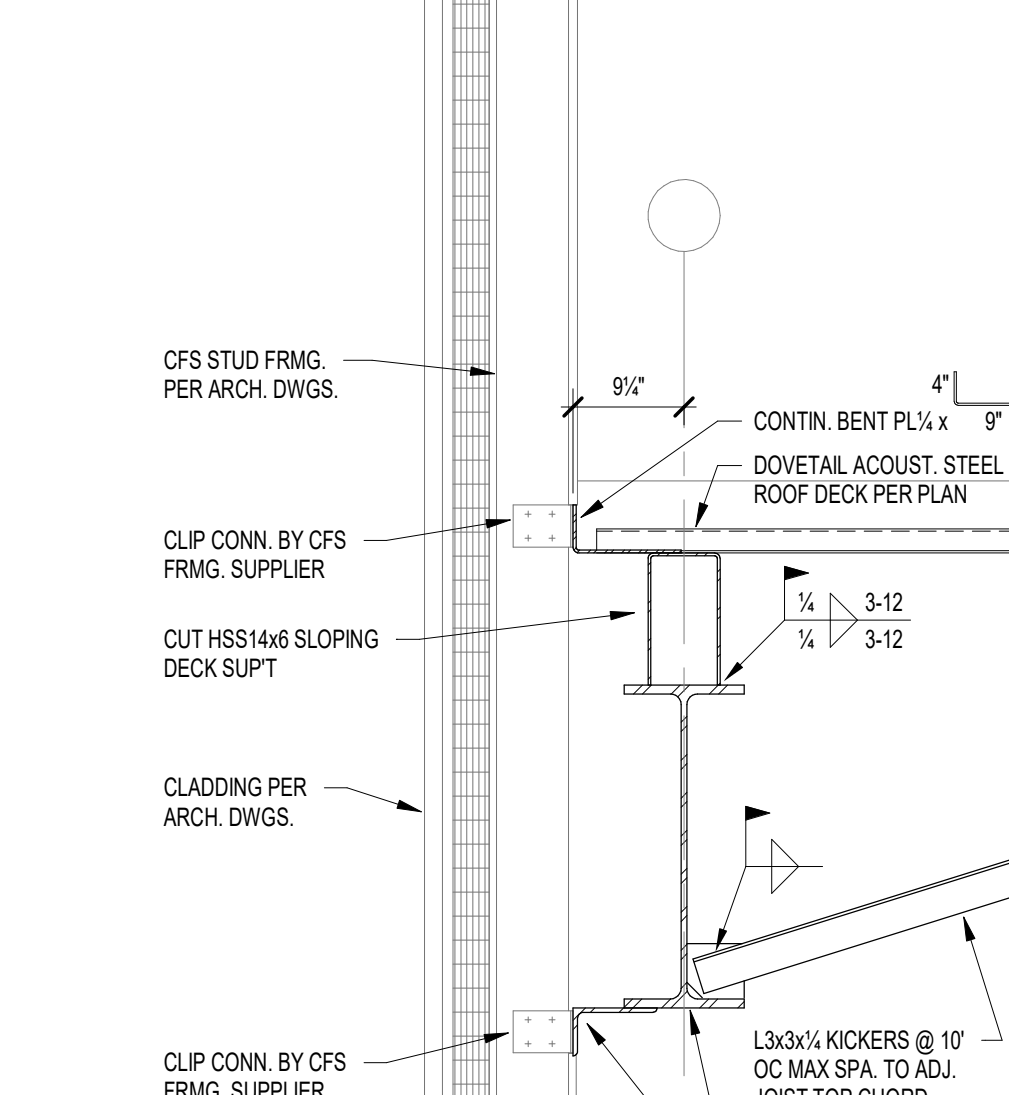
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12 SECTION  
S721 SCALE: 3/4" = 1'-0"



13 SECTION  
S721 SCALE: 3/4" = 1'-0"



14 SECTION  
S721 SCALE: 3/4" = 1'-0"



15 SECTION  
S721 SCALE: 3/4" = 1'-0"



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**HJB**  
Lynch, Harrison & Brumleve, Inc.  
550 Virginia Avenue  
Indianapolis, IN 46203  
317.423.1550  
317.423.1551

PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST**  
17707 CENTENNIAL RD., WESTFIELD, IN 46074  
**BID DOCUMENTS**

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of architectural design content. The drawings do not constitute a contract. The drawings are not intended to be used for any purpose other than that intended by the architect. On the basis of the general scope indicated on drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:	ADDENDUM NO.	DATE
1	05	08/09/2024
2	06	08/16/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:  
**FRAMING SECTIONS AND DETAILS**

CERTIFIED BY:  
MARK D. L. L. L.  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA  
PE19400114  
*Mark D. L. L. L.*

DRAWING NUMBER:  
**S721**

PROJECT NUMBER:  
**2023061**

**ROOF PLAN NOTES**

1. ROOF EXPANSION JOINT LOCATION, SEE 07 95 13.16
2. LOADING DOCK CANOPY ROOF, WITH GUTTERS AND DOWNSPOUTS, SEE 10 53 20
3. ELEVATOR HOISTWAY ABOVE ROOF DECK, PROVIDE ROOF MEMBRANE AND 4" OF INSULATION ON ALL SIDES
4. ROOF LADDER, FOR ATTACHMENT AT STEEL STUDS, SEE DETAIL 3/A442, SEE 05 50 00
5. ROOF SCREEN, SEE 10 82 00
6. ROOF WALK PAD, 07 54 19
7. GUTTER, 07 71 00
8. 54"x30" - THERMALLY BROKEN ROOF ACCESS HATCH, SEE 07 72 00
9. SMOKE VENT, SEE 07 72 00



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PROJECT:  
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST**  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project. The contractor shall be responsible for the coordination of all mechanical, electrical and plumbing systems. The contractor shall be responsible for the coordination of all systems with the existing building. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper installation and completion of the work.

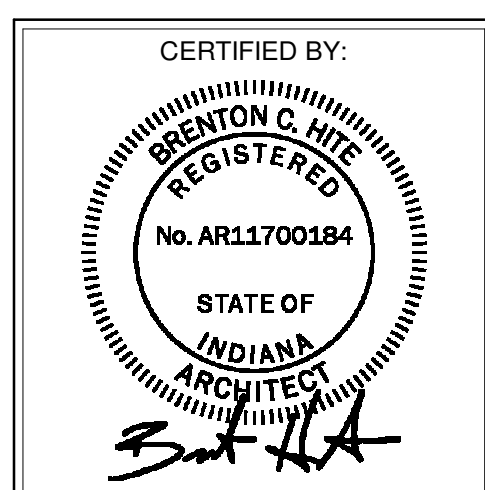
**REVISIONS:**

1	ADDENDUM #5	08/09/2024
2	ADDENDUM #6	08/16/2024

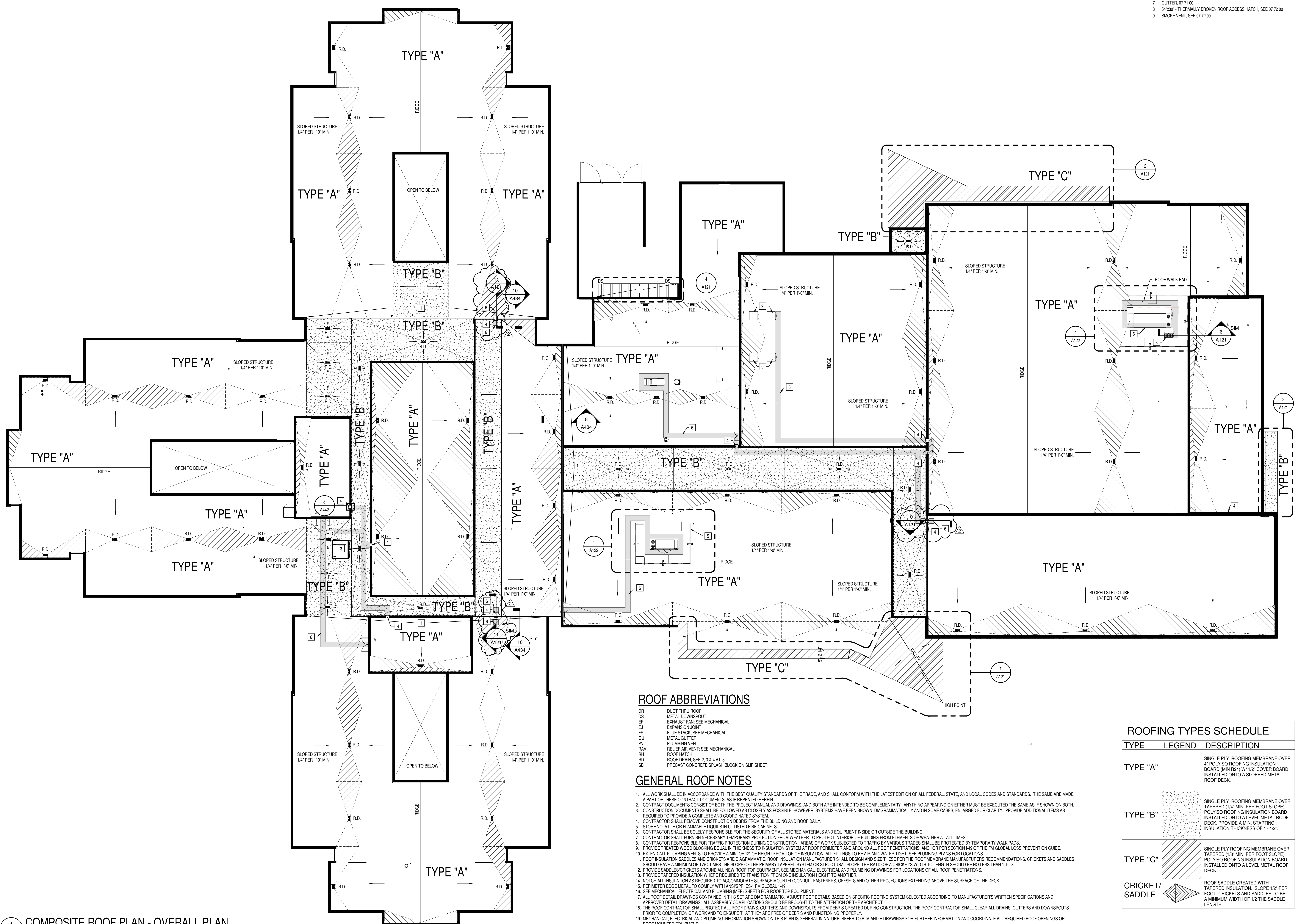
**ISSUE DATE**    **DRAWN BY**    **CHECKED BY**

08/09/24	KRK	EHM
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**DRAWING TITLE:**  
**COMPOSITE ROOF PLAN**



**DRAWING NUMBER**  
**A120**  
**PROJECT NUMBER**  
**2023061**



**ROOF ABBREVIATIONS**

- DR DUCT THRU ROOF
- DS METAL DOWNSPOUT
- EF EXHAUST FAN SEE MECHANICAL
- EJ EXPANSION JOINT
- FS FLUE STACK; SEE MECHANICAL
- GL METAL GUTTER
- PV PLUMBING VENT
- RAV RELIEF AIR VENT; SEE MECHANICAL
- RH ROOF HATCH
- RD ROOF DRAIN, SEE 2, 3 & 4 A123
- SB PRECAST CONCRETE SPLASH BLOCK ON SLIP SHEET

**GENERAL ROOF NOTES**

1. 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.
2. 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.
3. 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.
4. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.
5. STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
6. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.
7. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
8. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
9. PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION 148 OF THE FM GLOBAL LOSS PREVENTION GUIDE.
10. 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.
11. 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.
12. PROVIDE SADDLE CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.
13. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION TYPE TO ANOTHER.
14. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK.
15. PERIMETER EDGE METAL TO COMPLY WITH ANSI/SPRI ES-1 FM GLOBAL 1-49.
16. SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.
17. ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC. ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED DETAIL DRAWINGS. ALL ASSEMBLY CONDUCTIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
18. 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.
19. 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.
20. SEE DETAIL 5/A123 FOR TYPICAL THROUGH WALL FLASHING AT ROOF TERMINATION DETAIL.

**ROOFING TYPES SCHEDULE**

TYPE	LEGEND	DESCRIPTION
TYPE "A"	[Pattern]	SINGLE PLY ROOFING MEMBRANE OVER 4" POLYSTYROLE INSULATION BOARD (MIN R24) W/ 1/2" COVER BOARD INSTALLED ONTO A SLOPPED METAL ROOF DECK.
TYPE "B"	[Pattern]	SINGLE PLY ROOFING MEMBRANE OVER TAPERED (1/4" MIN. PER FOOT SLOPE) POLYSTYROLE INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK. PROVIDE A MIN. STARTING INSULATION THICKNESS OF 1 - 1 1/2".
TYPE "C"	[Pattern]	SINGLE PLY ROOFING MEMBRANE OVER TAPERED (1/8" MIN. PER FOOT SLOPE) POLYSTYROLE INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK.
CRICKET/ SADDLE	[Pattern]	ROOF SADDLE CREATED WITH TAPERED INSULATION. SLOPE 1/2" PER FOOT. CRICKETS AND SADDLES TO BE A MINIMUM WIDTH OF 1/2 THE SADDLE LENGTH.

**1** **COMPOSITE ROOF PLAN - OVERALL PLAN**  
 SCALE: 3/64" = 1'-0"



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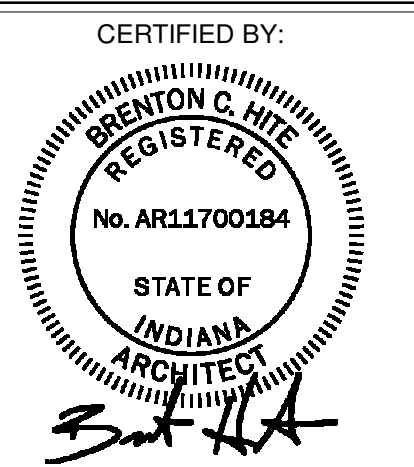
**WESTFIELD WASHINGTON SCHOOLS  
 WESTFIELD MIDDLE SCHOOL WEST  
 BID DOCUMENTS**  
 17707 CENTENNIAL RD., WESTFIELD, IN 46074

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project. The contractor shall coordinate with the architect for the installation of mechanical, electrical and plumbing systems. The contractor shall be responsible for the coordination of all trades and for the proper installation and completion of the work.

**REVISIONS:**  
 1. ADDENDUM #5 08/09/2024  
 2. ADDENDUM #6 08/16/2024

**ISSUE DATE** 08/09/24  
**DRAWN BY** KRK  
**CHECKED BY** EHM

**DRAWING TITLE:**  
**ENLARGED ROOF PLANS**



**DRAWING NUMBER**  
**A121**

**PROJECT NUMBER**  
**2023061**

**ROOF PLAN NOTES**

1. ROOF EXPANSION JOINT LOCATION; SEE 07 95 13 16
2. LOADING DOCK CANOPY ROOF; WITH GUTTERS AND DOWNSPOUTS; SEE 10 53 20
3. ELEVATOR HOISTWAY ABOVE ROOF DECK; PROVIDE ROOF MEMBRANE AND 4" OF INSULATION ON ALL SIDES
4. ROOF LADDER; FOR ATTACHMENT AT STEEL STUDS; SEE DETAIL 3/A442; SEE 05 00 09
5. ROOF SCREEN; SEE 10 82 00
6. ROOF WALK PAD; 07 54 19
7. GUTTER; 07 71 00
8. 54/30° THERMALLY BROKEN ROOF ACCESS HATCH; SEE 07 72 00
9. SMOKE VENT; SEE 07 72 00

**ROOF ABBREVIATIONS**

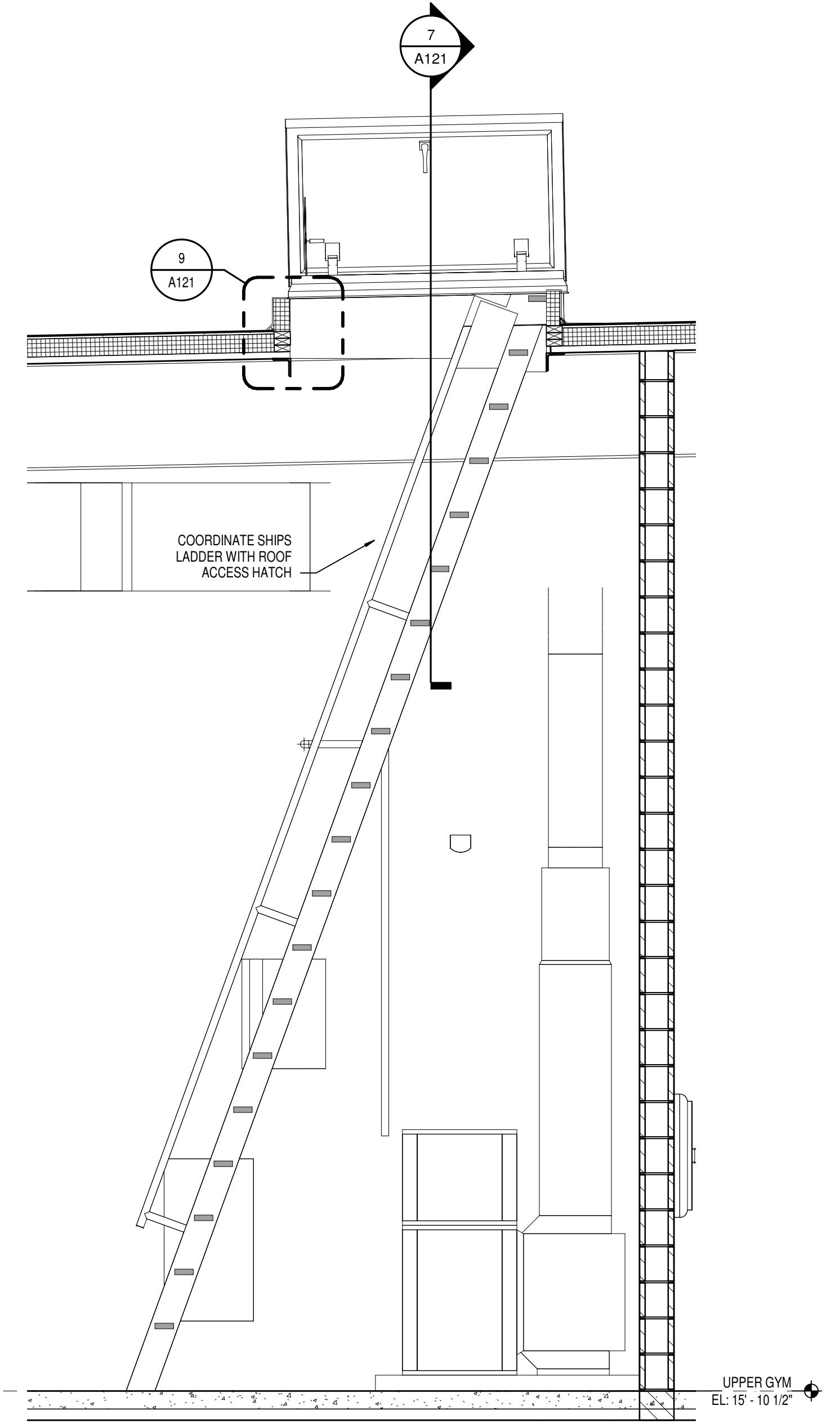
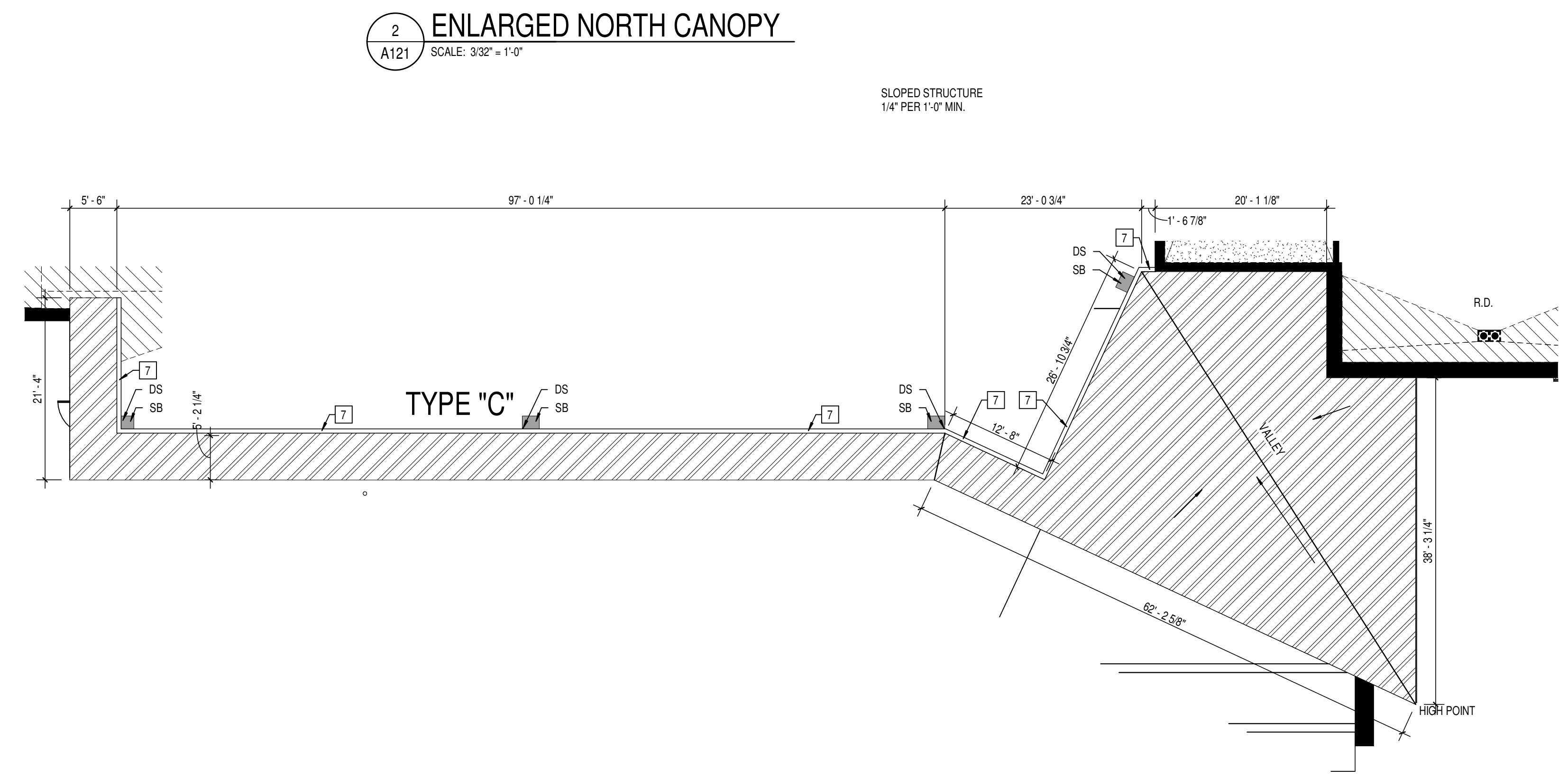
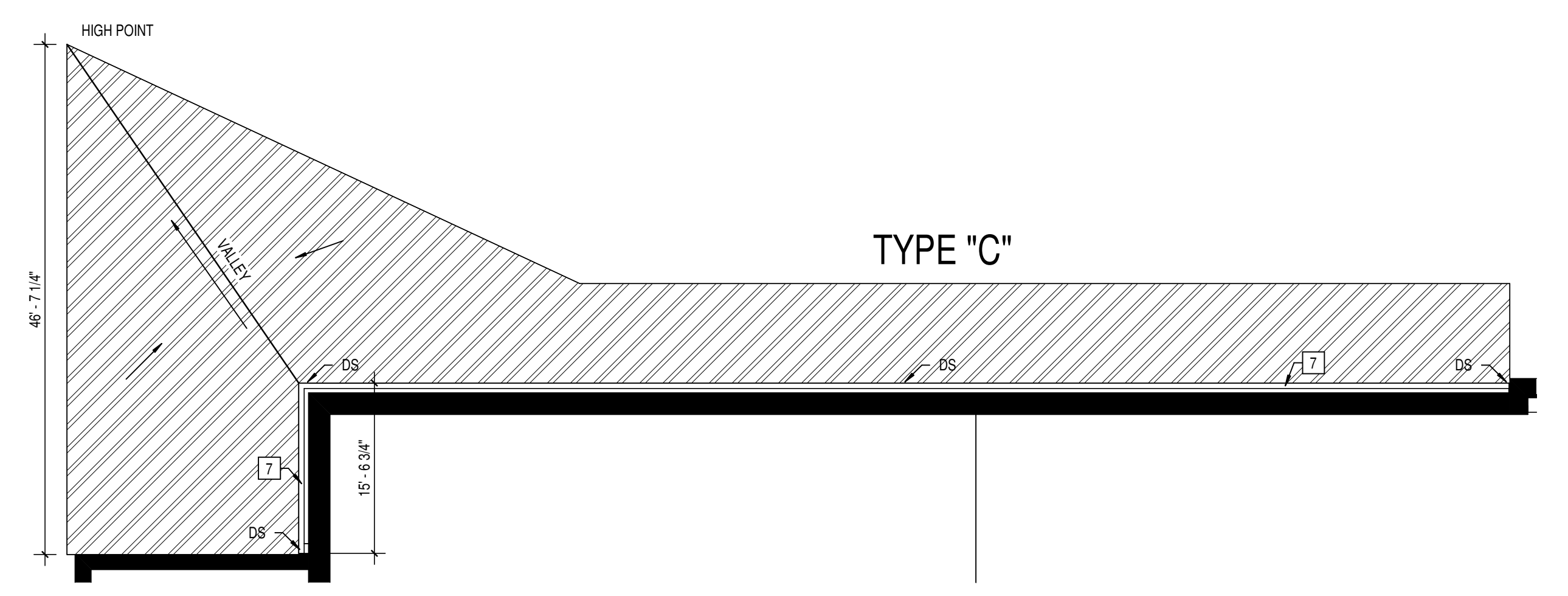
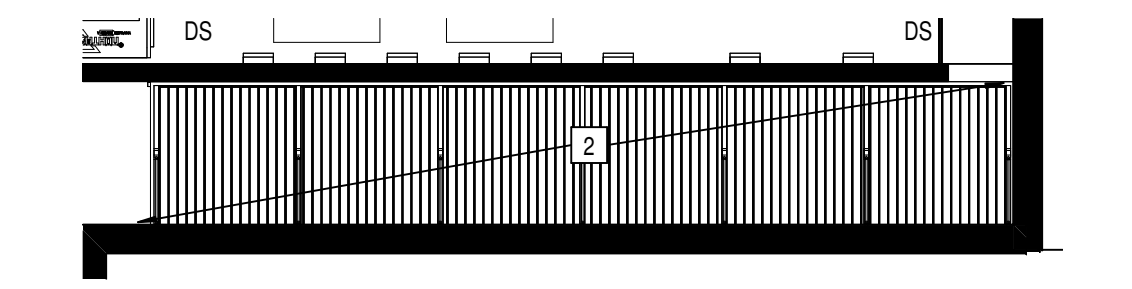
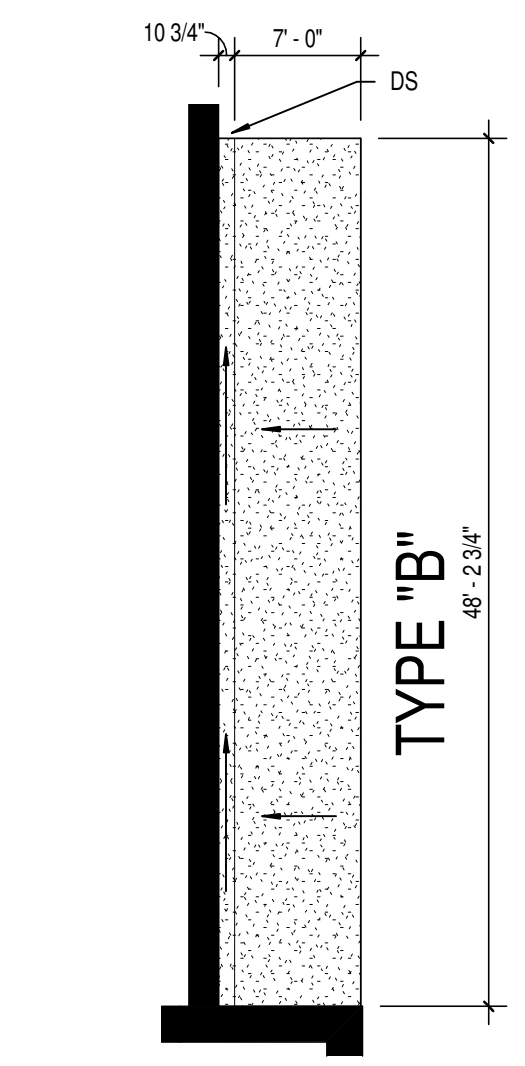
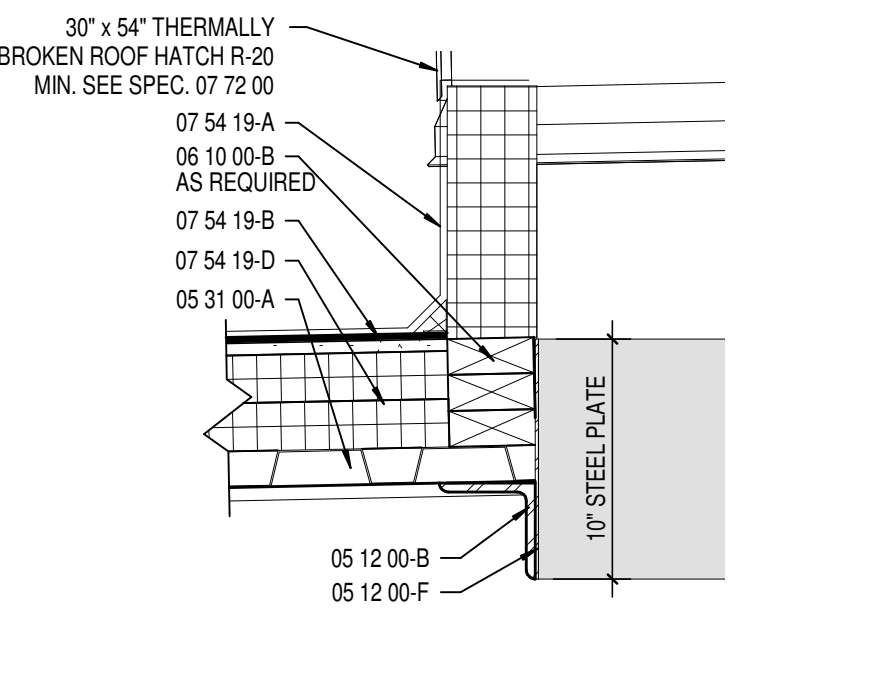
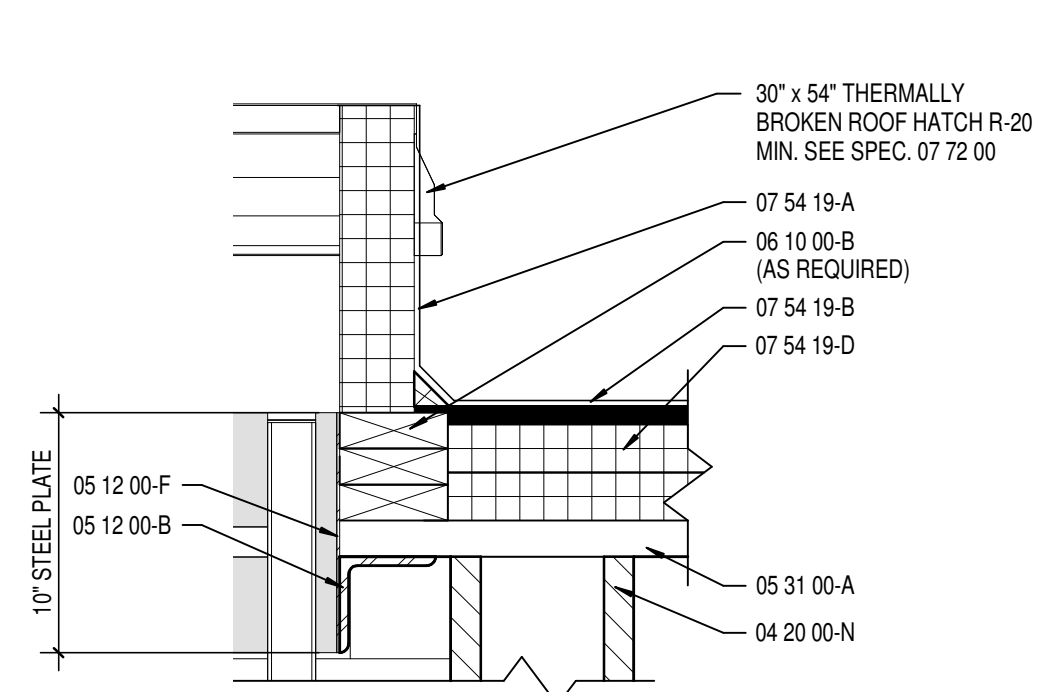
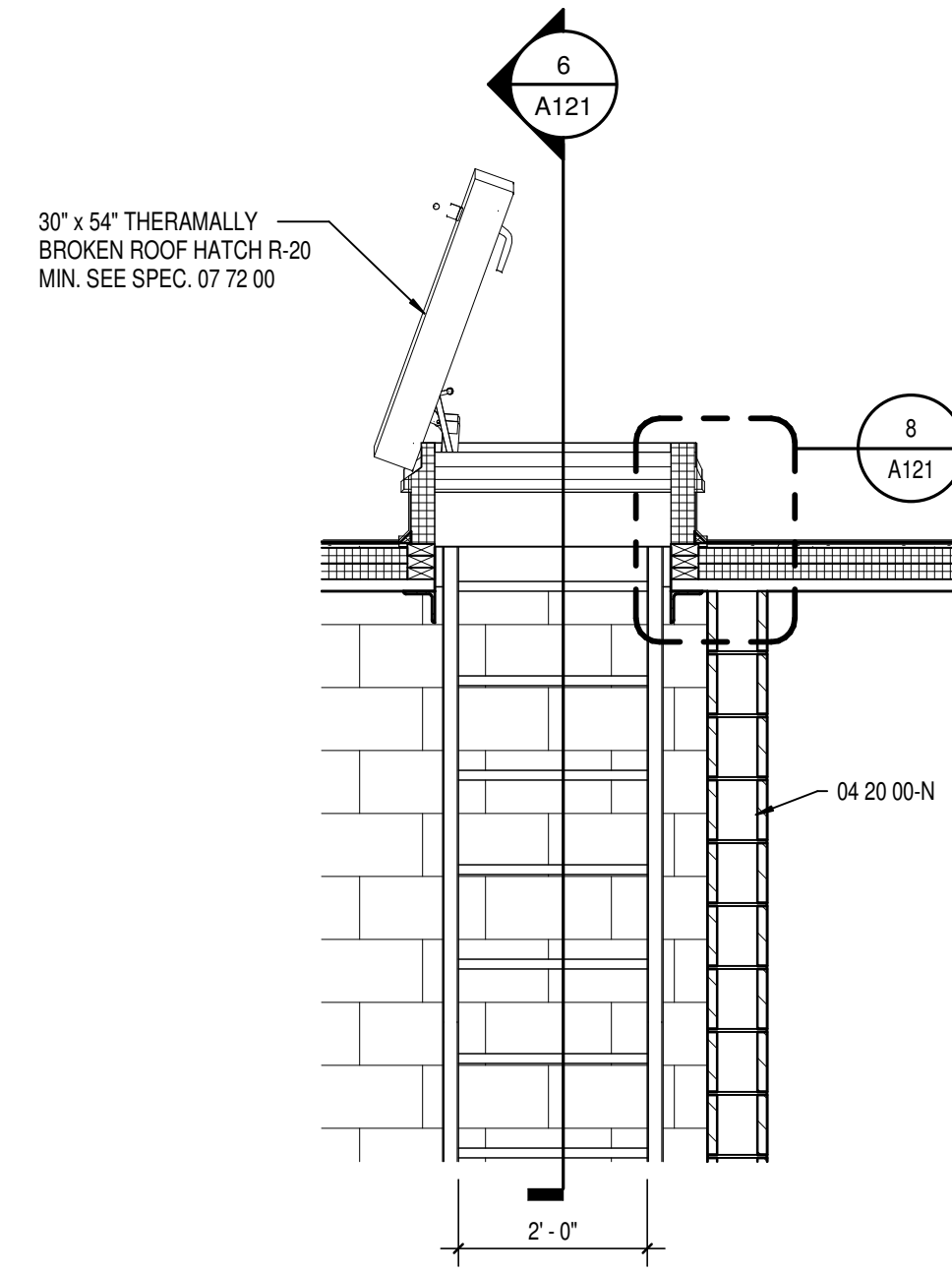
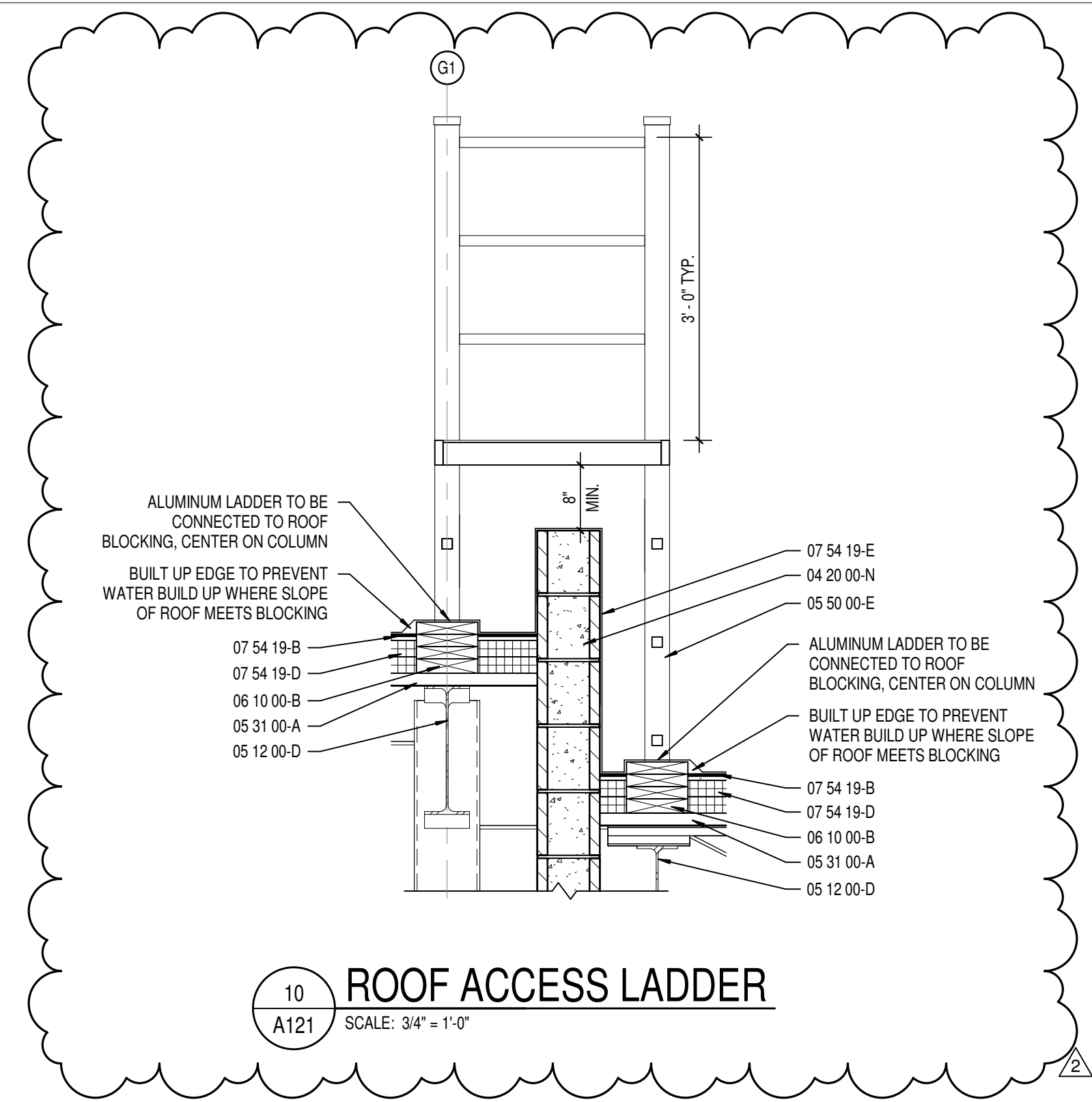
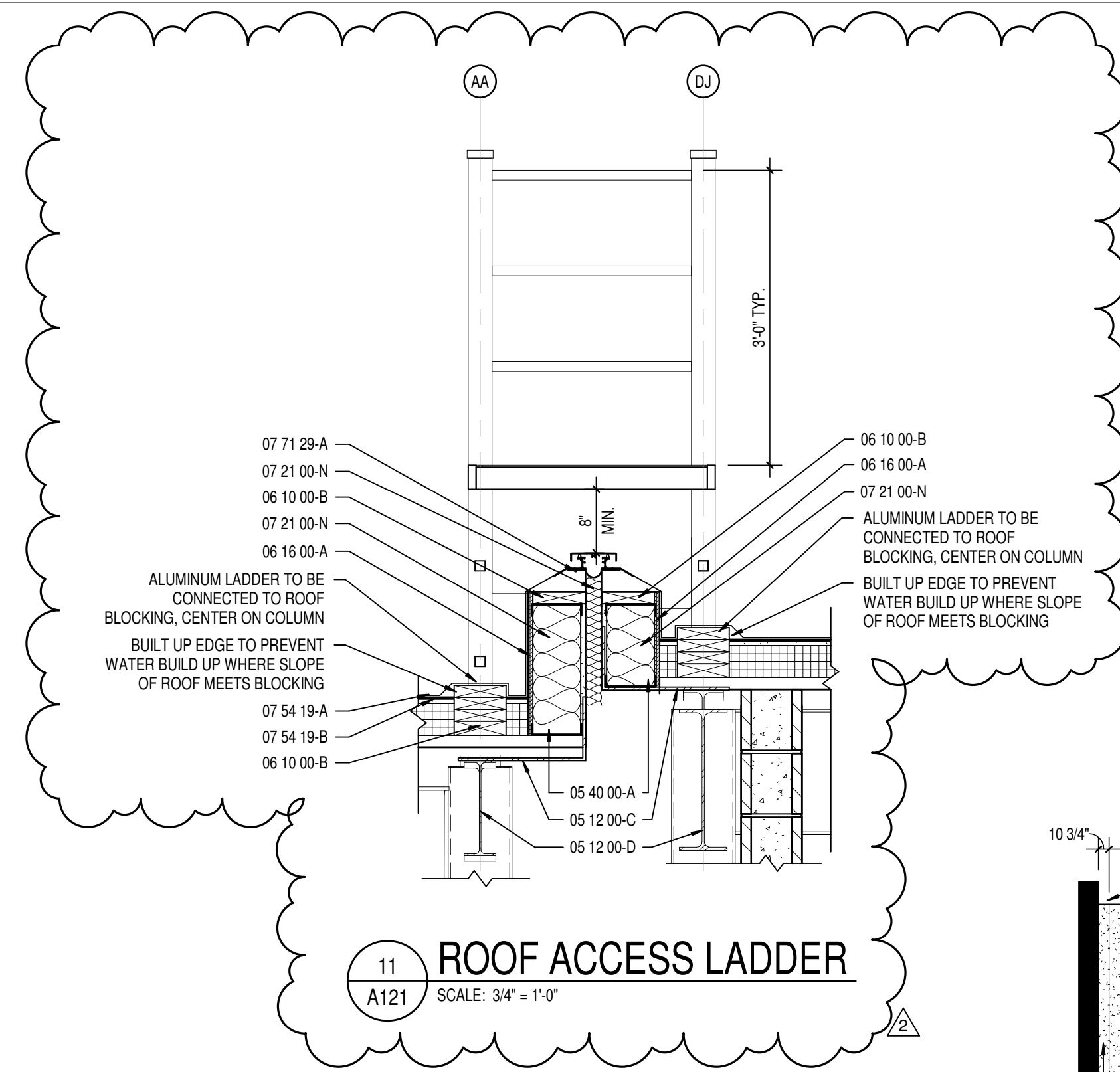
- DR DUCT THRU ROOF
- DS METAL DOWNSPOUT
- EF EXHAUST FAN; SEE MECHANICAL
- EJ EXPANSION JOINT
- FS METAL GUTTER
- FS FLUE STACK; SEE MECHANICAL
- GU METAL GUTTER
- PV PLUMBING VENT
- RAV ROOF AIR VENT; SEE MECHANICAL
- RH ROOF HATCH
- SB SPLASH BLOCK

**GENERAL ROOF NOTES**

1. 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.
2. 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.
3. 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.
4. 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.
5. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.
6. STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.
8. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
9. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECT TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
10. PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION 4-09 OF THE GLOBAL LOSS PREVENTION GUIDE.
11. 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.
12. ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURER'S 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.
13. PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.
14. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION HEIGHT TO ANOTHER.
15. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK.
16. PERIMETER EDGE METAL TO COMPLY WITH ANSI SPRI ES-1 FM GLOBAL 1-49.
17. SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.
18. 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.
19. ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC. ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
20. 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.
21. 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
TYPE "A"		SINGLE PLY ROOFING MEMBRANE OVER 4" POLYISO ROOFING INSULATION BOARD (MIN R24) W/ 1/2" COVER BOARD INSTALLED ONTO A SLOPPED METAL ROOF DECK.
TYPE "B"		SINGLE PLY ROOFING MEMBRANE OVER TAPERED (1/4" MIN. PER FOOT SLOPE) POLYISO ROOFING INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK. PROVIDE A MIN. STARTING INSULATION THICKNESS OF 1 - 1/2".
TYPE "C"		SINGLE PLY ROOFING MEMBRANE OVER TAPERED (1/8" MIN. PER FOOT SLOPE) POLYISO ROOFING INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK.
CRICKET/SADDLE		ROOF SADDLE CREATED WITH TAPERED INSULATION. SLOPE 1/2" PER FOOT. CRICKETS AND SADDLES TO BE A MINIMUM WIDTH OF 1/2 THE SADDLE LENGTH.





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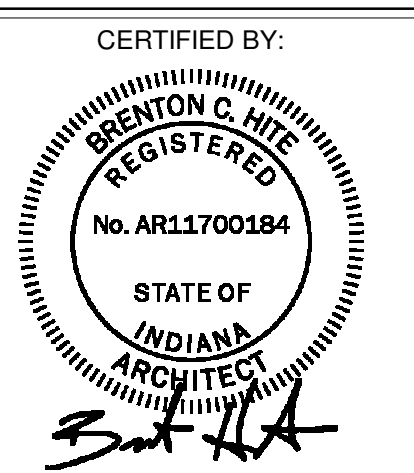
PROJECT:  
WESTFIELD WASHINGTON SCHOOLS  
WESTFIELD MIDDLE SCHOOL WEST  
BID DOCUMENTS  
17707 CENTENNIAL RD., WESTFIELD, IN 46074

SCOPE DRAWINGS:  
These drawings indicate the general scope of the project in terms of architectural design content. The structure of the building, mechanical and electrical systems, and other details are not necessarily included or described as work required for full performance and completion of the project.  
On the basis of the general scope indicated on drawings, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:  
1 ADDENDUM #5 08/09/2024  
2 ADDENDUM #6 08/16/2024

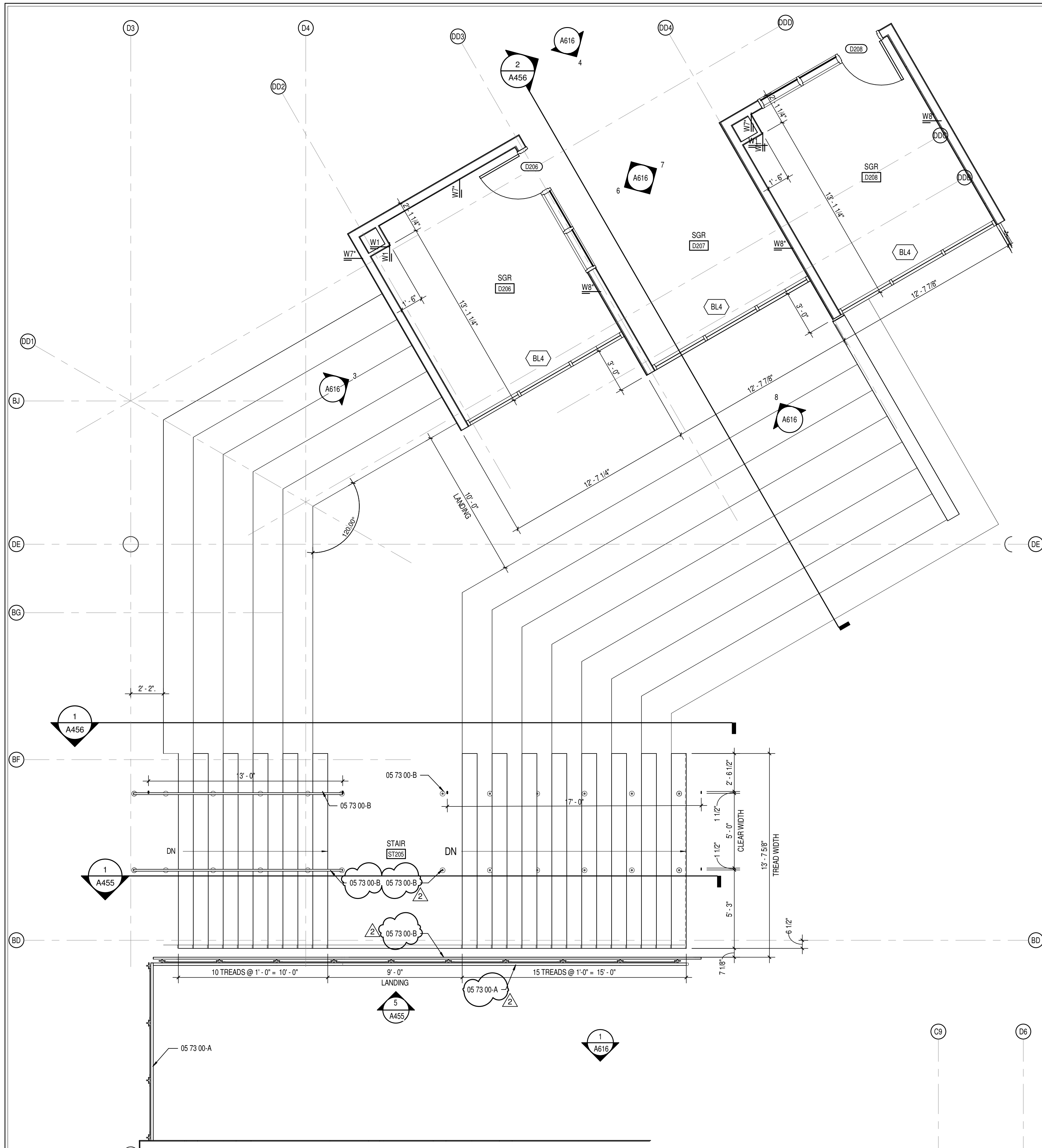
ISSUE DATE DRAWN BY CHECKED BY  
08/09/24 LNF EHM

DRAWING TITLE:  
VERTICAL  
CIRCULATION  
PLANS,  
SECTIONS, AND  
DETAILS

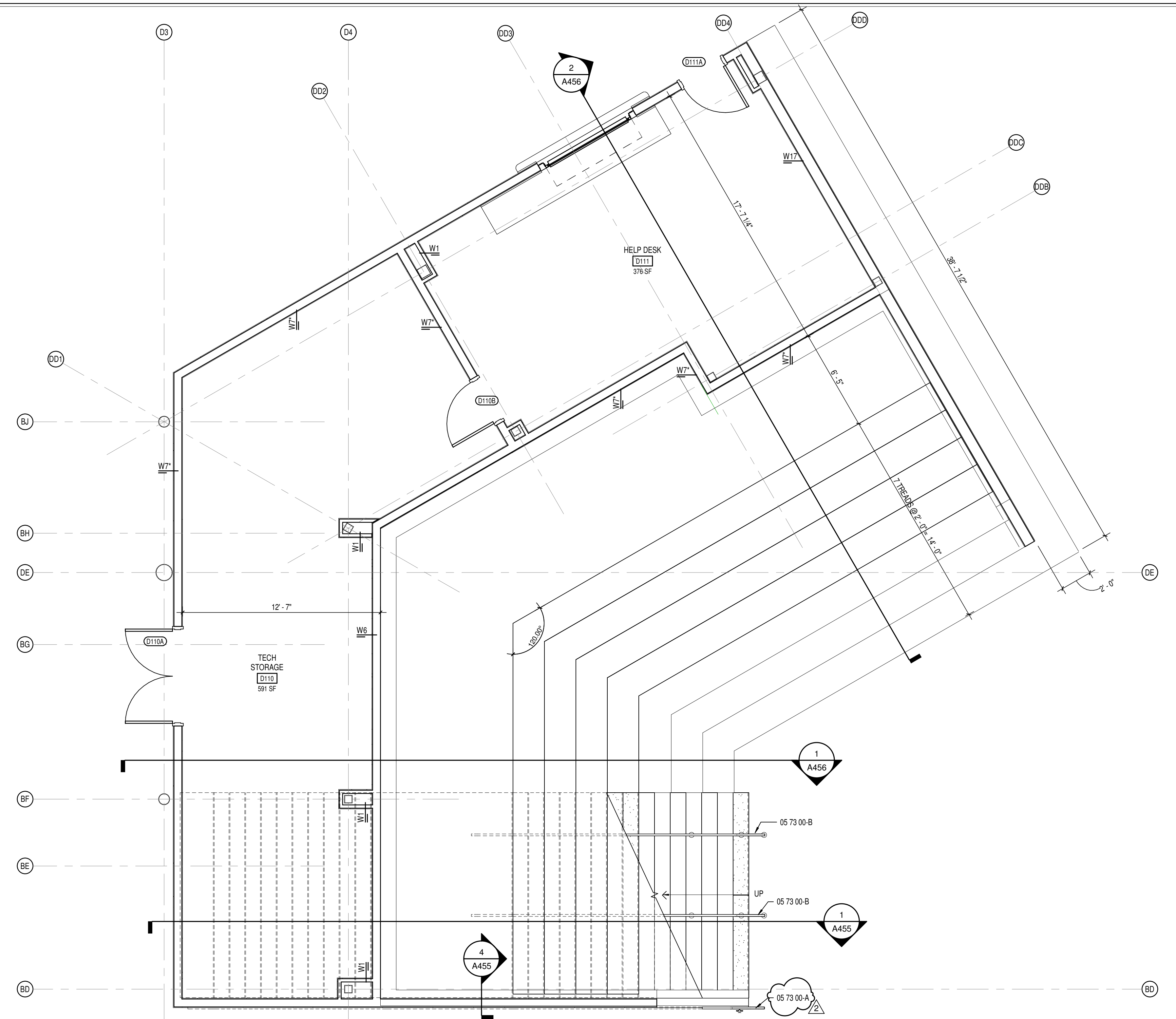


DRAWING NUMBER  
A455

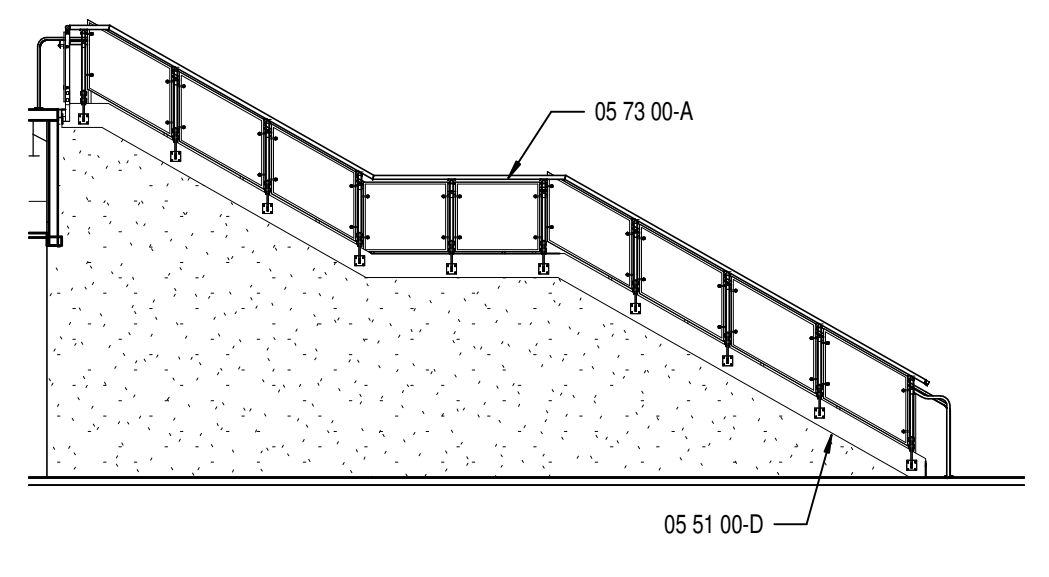
PROJECT NUMBER  
2023061



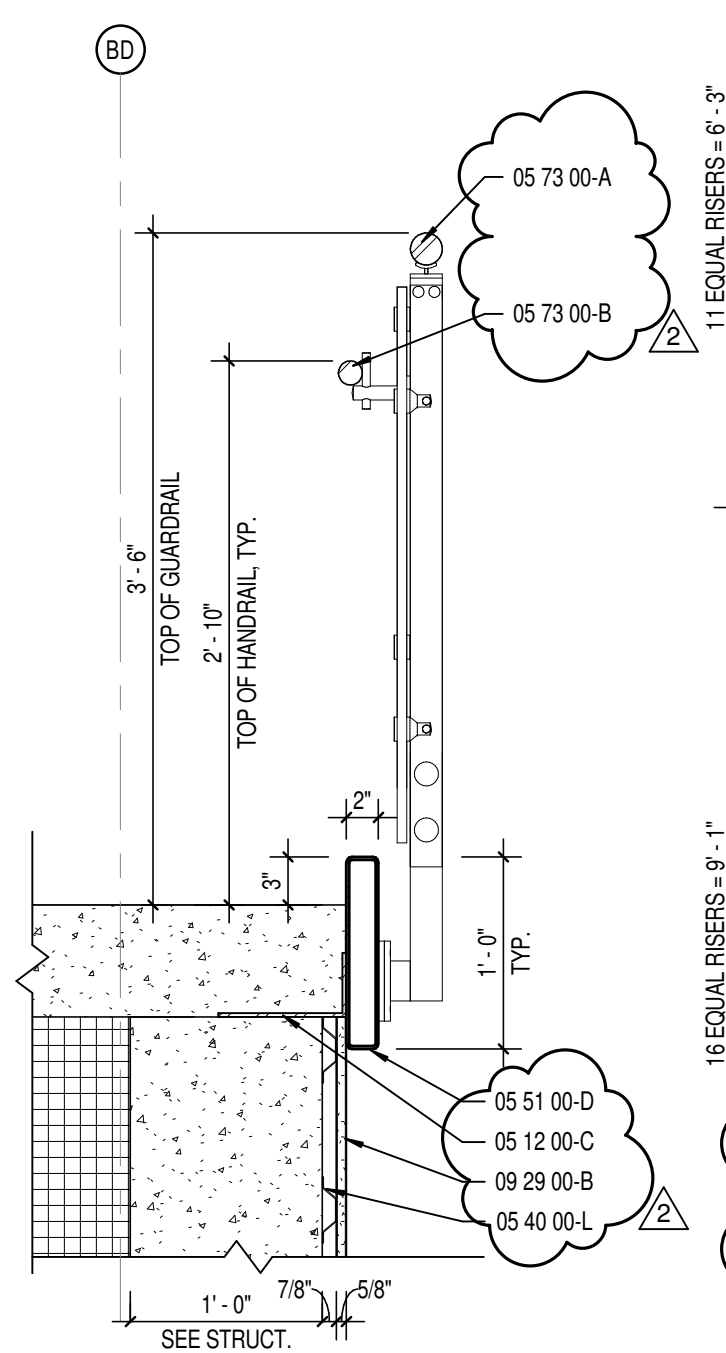
3 STAIR ST105 ENLARGED SECOND FLOOR PLAN  
SCALE: 1/4" = 1'-0"



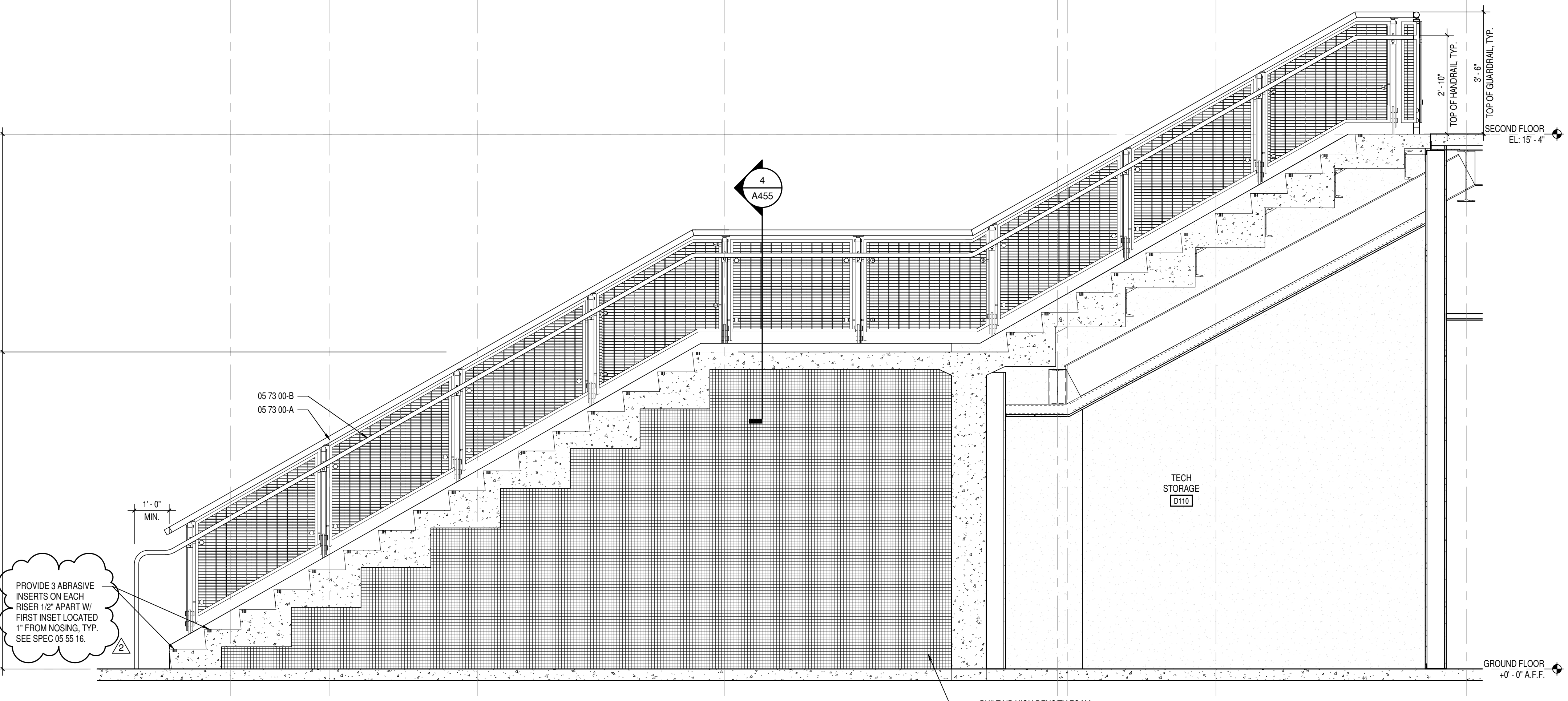
2 STAIR ST105 ENLARGED GROUND FLOOR PLAN  
SCALE: 1/4" = 1'-0"



5 STAIR ST105 - ELEVATION - NORTH  
SCALE: 1/8" = 1'-0"



4 ENLARGED RAILING DETAIL  
SCALE: 1" = 1'-0"



1 STAIR ST105 SECTION B - SOUTH  
SCALE: 1/2" = 1'-0"