Paycor Stadium Southeast & Southwest VT Escalator Towers
Bid Package 2: Steel, Demo & Concrete
ITB#033-26
Addendum 3

May 6, 2026

To All Registered Vendors:

NOTE:

Add the following:
Specifications

00 10 00	Bid Form – replace in its entirety
00 01 10	Index to Project Manual
	Updated index
00 01 15	Drawing Index
	Updated index
01 23 00	Alternates – replace in its entirety
09 91 14	Exterior Painting (MPI Standards)
	Added specification

Drawings

AD-101 New sheet with existing photos.
AD-103.4 Sector 4 – Level 400, 500
North wall to remain with limited demolition to remove existing Club stair.
AD-104.4 Sector 4 – Level 600
North wall to remain
AD-211.4 Sector 4 – Demolition Section & Elevation
North wall to remain with limited demolition to remove existing Club stair.
S-103
Refer to sheet for clouded revisions
Framing revisions
S-104
Refer to sheet for clouded revisions
Framing revisions
S-105
Refer to sheet for clouded revisions
Framing revisions
Added section cuts
S-106
Refer to sheet for clouded revisions
Framing revisions
S-108

Refer to sheet for clouded revisions
Framing revisions

S-109

Refer to sheet for clouded revisions
Framing revisions
Added section cuts

S-201

Refer to sheet for clouded revisions
Updated details for clarification

S-203

Refer to sheet for clouded revisions
Updated details for clarification

S-204

Refer to sheet for clouded revisions
Updated details for clarification

S-205

New Sheet - Refer to sheet for clouded revisions
Added section 79 thru 81

Attachments

1. Locations for On Season Structural Work
2. Revised crane path shoring dimensions
3. East Crane Specifications

Questions & Answers

1. TC-04 Concrete Structure has a $ 150,000 allowance. Is this use defined? Is it intended to cover winter conditions such as heating, enclosures and blanketing that cannot be accurately estimated?
   Answer: The allowance use is not defined and does not include winter conditions. Winter Condtions for TC04 will be completed on a Time and Material basis, as needed.

2. TC-04 Scope of Work Item # 25 refers to on-season slab dowel drilling and installation. What areas and levels is this possible?
   Answer: Any location where the new slab is not located at existing slabs. Goal is to get as much work completed during on-season to reduce the amount of work required during the On-season..

3. TC-04 Scope of Work Item # 31 states to include formwork for boxouts but TC-03 Item # 44 states to provide pour stops at all openings and boxouts. Which is correct?
   Answer: TC03 to include all pour stops shown on the Structural drawings. TC04 to provide any wood boxouts / formwork around escalator openings, floor drains, pour breaks, pour sequencing bulkheads, etc.

4. TC-04 Scope of Work Item # 34 discusses slab insulation under topping slab per drawings. No notes or sections show insulation. Is any required?
   Answer: No – Slab insulation is not shown and not required.

5. TC-04 Scope of Work Item # 71 states to caulk all deck openings but TC-03 Item # 44 also states to perform. Which is correct?
   Answer: TC04 to caulk all deck openings that are ¼" or less.
   TCO3 to caulk / close all openings that are ¼" inch or larger.

6. Can the bid date be extended to allow more time for contractors to prepare pricing?
   Answer: Yes. Bid opening extended to Friday May 15, 2026

7. What is the anticipated point load for the outriggers on the crane on the East side to be assumed for the shoring purposes?
   Answer: See attached crane specifications

8. Will the MEP's under the deck in the Eastside shored area be moved by others prior to shoring installation?
   Answer: No. All MEP's to remain under the deck.

9. TC-02 Scope Item 22: It is our understanding that the steel installation is being sequenced to properly support the structure to remain throughout this project, is this correct? Is this item solely to ensure structural stability of the during the removal?
   Answer: Sequencing of demolition and structural steel to be coordinated with the Construction Manager. The Bid documents show sequencing to allow work to occur from the +/- 500 level in order to reach Levels 600 and 700.

10. During the site visit in-season work was discussed to be completed, what in-season work is the TC-02 contractor to provide?
    Answer: None

11. TC-02 Scope item 58: Can additional details on the temporary weather protection area be provided? Is this a full height area? Will utility services/connections be provided by others?
    Answer: Utilities for temporary heat to be provided by others

12. TC-02 Item 43: What type of weather protection is acceptable in these areas? How many pipes/utility runs exist in each chase?
    Answer: Reinforced plastic on scaffold frame with doors. Review site conditions for means and methods. Coordinate install with TC02 and TC03

13. TC-02 Scope item 12: Will the crane and operator provided by the TC-03 contractor be available during OT or off hours work? Who is to carry the cost for the overtime needed to achieve the schedule?

Answer: Crane to be controlled by Construction Manager. All overtime and off-hours work will be recorded on a daily time ticket signed each day by the Construction Manager, and a change order issued for those hours.

14. For all temporary enclosures and walls installed, is the TC-02 contractor to complete the removal of these items after the installation of new work?
    Answer: Temporary walls for escalator assembly area to be provided by TC02 and removed by others.

15. Section 01 23 00 Alternates: The specification lists alternates as TBD. Are there any alternates to be included on this project?
    Answer: See revised 01 23 00 Alternates
    Alternate 1: Add to provide G-rail or similar system at Levels 700 & 500 for the duration of the project.

16. We request that the schedule be re-worked to allow for a stagger between the Southeast and Southwest work so that the demolition for both towers and the steel erection for both towers are not concurrent. This would allow for the crews to work back and forth between the two areas and eliminate doubling the manpower required.
    Answer: The pace of the project does not allow for the schedule to be reworked. Following Award, the Construction Manager will coordinate the work with TC02 Demolition and TC03 Structural Steel and schedule could accommodate this request if the bid schedule completion dates are met.

17. Can a list of specific equipment that is permitted to be driven/used on the ramps be provided. If specific allowable equipment cannot be provided, can information be provided that will allow us to choose the equipment?
    Answer weigh limit is 100 pounds per square foot. All equipment must be submitted and reviewed by the Structural Engineer prior to using equipment on the ramps.

18. We assume finish paint on the steel will be by others. Is that correct?
    Answer: TC03 Structural Steel to prep and prime steel prior to shipping to the project.

19. The scope of work states that testing specified to be by the owner shall be provided by the contractor. Special inspections for steel must be provided by the owner or CM and not the steel contractor as it is a conflict of interest. Please verify that special inspections will be provided by either the owner or the CM.
    Answer: Refer to Specification Section 05 12 00 1.7B
    The Contractor is responsible for and shall perform quality control, testing and inspection of all work as required by the Contract Documents, referenced codes, specifications and standards. Contractor shall employ qualified inspectors to perform inspections, tests and quality control daily. Submit reports weekly.

20. The general scope of work states that all shop drawings and submittals must be submitted within one week from notice to proceed. The steel scope of work and the schedule show 20

days for shop drawings and calculations. It is likely to require significantly more time to produce the shop drawings for this scope of work. Please clarify that there is flexibility in those durations.
Answer: Shop Drawings to be sequenced to meet On Season and Off Season Schedule.

21. The steel scope of work item #84 states to patch/repair steel members remaining from demolition. It will be impossible to quantify the extent of this work during the bidding process. Can an allowance be provided to cover this scope item?
Answer Patch/Repair to be included if shown on the Structural Drawings. Unforeseen patch and repair will be reimbursed from the Allowance.

22. The crane size for the Southeast scope is noted in the scope as a 100 ton crane. The information provided is for a 250 ton crane. Please clarify which crane is to be included.
Answer: See attachment for East Tower Crane specifications.

23. The steel scope calls for the inclusion of cranes for all scopes from January 15th thru July 22nd. How many shifts should this be included for? Should it be included for weekends? With it being provided for the demo and concrete contractor, it is impossible to make assumptions on what will be necessary. Can the crane cost be included as a provided allowance?
Answer: Base bid crane time to be based on five, ten hour days per week which includes climb time, inspections, etc. Work hours more than fifty hours per week to be paid on an Time and Material basis.

Sincerely,

Jill Williams

Jill Williams
Purchasing Director

DIVISION 00 – GENERAL PROJECT REQUIREMENTS
SECTION 00 01 10
INDEX TO PROJECT MANUAL

NOTICE:

DIVISION 00 – GENERAL PROJECT REQUIREMENTS
INTRODUCTORY PAGES

BIDDING REQUIREMENTS, CONTRACT FORMS, AND CONDITIONS OF THE CONTRACT

END OF DOCUMENT

DIVISION 00 – GENERAL PROJECT REQUIREMENTS
SECTION 00 01 15
DRAWING INDEX

SHEET #	SHEET NAME	DATE
GENERAL		
G-000	COVER SHEET	04/17/26
G-001	SHEET INDEX	05/05/26
ARCHITECTURE		
A-001	SYMBOLS & ABBREVIATIONS	04/17/26
AD-101	SECTOR 4 & 9 EXISTING PHOTOS	05/05/26
AD-102.4	SECTOR 4 – LEVEL 200 & 300 DEMOLITION FLOOR PLAN	04/17/26
AD-103.4	SECTOR 4 – LEVEL 400 & 500 DEMOLITION FLOOR PLAN	05/05/26
AD-104.4	SECTOR 4 – LEVEL 600 & 700 DEMOLITION FLOOR PLAN	05/05/26
AD-106.9	SECTOR 9 – LEVEL 200 & 300 DEMOLITION FLOOR PLAN	04/17/26
AD-107.9	SECTOR 9 – LEVEL 400 & 500 DEMOLITION FLOOR PLAN	04/17/26
AD-108.9	SECTOR 9 – LEVEL 600 & 700 DEMOLITION FLOOR PLAN	04/17/26
AD-211.4	SECTOR 4 – DEMOLITION SECTION & ELEVATION	05/05/26
AD-211.9	SECTOR 9 – DEMOLITION SECTION	04/17/26
A-102.4	SECTOR 4 – LEVEL 200 & 300 PLANS	04/28/26
A-103.4	SECTOR 4 – LEVEL 400 & 500 PLANS	04/28/26
A-104.4	SECTOR 4 – LEVEL 600 & 650 PLANS	04/28/26
A-105.4	SECTOR 4 – LEVEL 700 PLAN & ROOF PLAN	04/28/26
A-106.4	SECTOR 4 – LEVEL 700 HEAD HOUSE PLANS	04/17/26
A-106.9	SECTOR 9 – LEVEL 200 & 300 PLANS	04/28/26
A-107.9	SECTOR 9 – LEVEL 400, 450 & 500 PLANS	04/28/26
A-108.9	SECTOR 9 – LEVEL 600 & 650 PLANS	04/28/26
A-109.9	SECTOR 9 – LEVEL 700 PLANN & ROOF PLAN	04/28/26
A-110.9	SECTOR 9 – LEVEL 700 HEAD HOUSE PLANS	04/17/26
A-111.4	SECTOR 4 – LEVEL 200 & 300 CEILING PLANS	04/17/26
A-112.4	SECTOR 4 – LEVEL 400 & 500 CEILING PLANS	04/17/26
A-113.4	SECTOR 4 – LEVEL 600, 650 & 700 CEILING PLANS	04/17/26
A-116.9	SECTOR 9 – LEVEL 200 & 300 CEILING PLANS	04/17/26
A-117.9	SECTOR 9 – LEVEL 400 & 500 CEILING PLANS	04/17/26
A-118.9	SECTOR 9 – LEVEL 600, 650 & 700 CEILING PLANS	04/17/26
A-201.4	SECTOR 4 – EXTERIOR ELEVATIONS	04/17/26
A-202.4	SECTOR 4 – HEAD HOUSE ELEVATIONS	04/17/26
A-211.4	SECTOR 4 – SECTIONS	04/17/26
A-212.4	SECTOR 4 – SECTIONS	04/17/26
A-213.4	SECTOR 4 – HEAD HOUSE SECTIONS	04/17/26
A-201.9	SECTOR 9 – EXTERIOR ELEVATIONS	04/17/26
A-202.9	SECTOR 9 – HEAD HOUSE ELEVATIONS	04/17/26
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A-212.9	SECTOR 9 – SECTIONS	04/17/26
A-213.9	SECTOR 9 – HEAD HOUSE SECTIONS	04/17/26

A-220.9	SECTOR 9 – 3D AXON	04/17/26
A-301	SECTOR 4 – SECTIONS	04/17/26
A-502	GUARDRAIL DETAILS	04/17/26
A-701.4	SECTOR 4 – STAIR PLANS & SECTIONS	04/17/26
A-702.4	SECTOR 4 – LEVELS 300, 400, 500, & 600 STAIR PLANS	04/17/26
A-703.4	SECTOR 4 – LEVEL 650 & 700 STAIR PLANS	04/17/26
A-704.4	SECTOR 4 – LEVEL 200 TO 300 RAMP	04/17/26
A-701.9	SECTOR 9 – STAIR SECTIONS	04/17/26
A-702.9	SECTOR 9 – LEVEL 200 & 300 STAIR & RAMP PLANS	04/17/26
A-703.9	SECTOR 9 – LEVEL 450, 500 & 600 STAIR PLANS	04/17/26
A-704.9	SECTOR 9 – LEVEL 650 & 700 STAIR PLANS	04/17/26
A-705.4	TYPICAL STAIR SECTIONS & DETAILS	04/28/26

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S-002	TYPICAL DETAILS	04/17/26
S-102	SECTOR 4 – LEVEL 200 & 300 FRAMING PLANS	04/28/26
S-103	SECTOR 4 – LEVEL 400, 450 & 500 FRAMING PLANS	05/05/26
S-104	SECTOR 4 – LEVEL 600 & 650 FRAMING PLANS	05/05/26
S-105	SECTOR 4 – LEVEL 700 & 750 FRAMING PLANS	05/05/26
S-106	SECTOR 9 – LEVEL 200 & 300 FRAMING PLANS	05/05/26
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P-102	PLUMBING PARTIAL PLANS LEVEL 400 DEMOLITION	04/28/26
P-103	PLUMBING PARTIAL PLANS LEVEL 500 DEMOLITION	04/28/26
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P-600	PLUMBING STORM RISER DIAGRAM - SOUTHEAST RAMP	04/28/26
P-601	PLUMBING STORM RISER DIAGRAM - SOUTHWEST RAMP	04/28/26
P-602	PLUMBING STACK & RISER DIAGRAM - SOUTHWEST RAMP	04/17/26

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H-101	HVAC PARTIAL PLANS LEVEL 300 DEMOLITION	04/28/26

FIRE PROTECTION

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FP-101	FIRE PROTECTION PARTIAL PLANS LEVEL 300 DEMOLITION	04/28/26
FP-102	FIRE PROTECTION PARTIAL PLANS LEVEL 400 DEMOLITION	04/17/26
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ELECTRICAL

E-001	ELECTRICAL LEGEND & GENERAL NOTES	04/17/26
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E-101	ELECTRICAL PARTIAL PLANS LEVEL 300 DEMOLITION	04/28/26
E-102	ELECTRICAL PARTIAL PLANS LEVEL 400 DEMOLITION	04/28/26
E-103	ELECTRICAL PARTIAL PLANS LEVEL 500 DEMOLITION	04/17/26
E-104	ELECTRICAL PARTIAL PLANS LEVEL 600 DEMOLITION	04/17/26
E-105	ELECTRICAL PARTIAL PLANS LEVEL 700 DEMOLITION	04/17/26
E-106	ELECTRICAL ELEVATIONS	04/17/26

END OF SECTION 00 01 15

BID FORM

ACKNOWLEDGMENT OF BIDDER:

Submitted by: _____
(enter company name here)

TO: The Board of County Commissioners, Hamilton County, Ohio
Hamilton County Purchasing Department
138 East Court Street, Room 507
Cincinnati, Ohio 45202

We, the undersigned, having visited the site, carefully studied the local conditions affecting the cost of the work, and having thoroughly examined the Bidding Documents, consisting of the Instructions to Bidders, this Proposal Form, Bonding Requirements, Minority, Women, and Small Business Enterprise Program, Contract Form, General Conditions, Technical Specifications, Drawings, and Addenda for the Project titled:

Paycor Stadium Southeast/Southwest Escalator Towers
Structural and Demolition Package
ITB#033-26
TC-02 Demolition, TC-03 Structural Steel, Handrails,
Head House Structure, and Precast Stairs and
TC-04 Concrete Decks

prepared by KZF., 700 Broadway, Cincinnati, Ohio 45202, for the Board of County Commissioners, Hamilton County, Ohio, do hereby propose to perform all work required to be performed, and to provide and furnish equipment, transportation services, and temporary installations necessary to perform and complete, in a workmanlike manner, such items of work hereinafter designated by and for the sum of money set forth for said items.

ACKNOWLEDGMENT OF ADDENDA:

The undersigned acknowledges receipt of the following Addenda to the Contract documents (indicate Addendum Number and Issue Date):

Addendum No._____ Date:_____ Page(s): _____

Addendum No. _____ Date: _____ Page(s): _____

Addendum No. _____ Date: _____ Page(s): _____

Addendum No. _____ Date: _____ Page(s): _____

Addendum No. _____ Date: _____ Page(s): _____

A. BIDDER AGREEMENTS:

The undersigned Bidder Agrees:

1. To accept the provisions of these Instruction to Bidders, Supplementary Instructions to Bidders, General Conditions, and Division 1 of the Specifications.
2. To provide and include a Bid Guaranty and Contract Bond as dictated in the Legal Advertisement.
3. To accept the provisions and provide all required documents contained within the Minority, Women, and Small Business Enterprise Program.
4. That the amounts stated in this Proposal Form represents the entire cost of the work. The completion time stated represents the entire time for performance of the work. The amount bid includes allowances for all fees for permits, taxes and insurance required or applicable to the work. That no claims will be made for any increases in wage scales or material costs.
5. To certify that this bid is genuine not sham or collusive or made in the interest or in behalf of any person not herein named, and that the undersigned has not directly or indirectly induced or solicited any other bidder to put in a sham bid, or any other person, firm or corporation to refrain from bidding and that the undersigned bidder has not in any manner sought by collusion to secure for himself and advantage over any other bidder.
6. And certifies that (we) (he) (they) (has) (have not) previously performed work subject to the President's Executive Order No. 11246.
7. That this bidder will comply with all City, State, and Federal Statutes relating to Liability Insurance, Working Hours, Minimum Wages, Safety and Sanitary Regulations, which in any way may affect those engaged or employed on the work in the event that the award of the Contract is made on the Proposal herein submitted.
8. That the bidder will comply with any new laws or acts regulating public buying procedures.
9. Refer to additional instructions for bidder registration process (See Registration Form within the Legal Advertisement Packet).

BID FORM STIPULATIONS:

1. The wording of this proposal shall be used throughout, without damage, alteration or addition. Any change in wording may cause it to be rejected.
2. Include all required forms.
3. Bid amounts shall be provided in both words and figures. The worded amount shall govern in the case of discrepancies or in cases of error in extending the total amount of the bid, the unit price may govern.
4. In the event that qualified bidders submit equal bids (to the penny) and are deemed the lowest and best bidders for that trade’s bid, those bidders agree to let the County award the contract to the bidder selected by the current "tied bid" procedures used by the Hamilton County Purchasing Department.
5. A Base Bid must be submitted prior to bidding Alternates Bid unless noted otherwise in the Bid Form.

6. The Board of County Commissioners reserves the right to reject any or all bids and, unless otherwise specified by the bidder, to accept any item in the bid.

C. ALLOWANCES:

The County may after the bids are opened add an allowance to the contract at its own discretion. This allowance shall be added to the contract and so denoted in the contract in section 4.3. Any allowances added by the County shall be for incidentals associated with this project. If unused, during the project all allowance monies shall be returned to the County at the end of the project or at the County's request.

A. General:

1. Work related to cash allowances will be performed on a time and material basis. The Contractor shall furnish and certify daily detail records of all labor and materials provided.

2. If the cost to complete the work is less than the cash allowance, a deduct Change Order will be prepared by the County for the cost difference.

B. Cash Allowance Items:
   1. Trade Contract TC-02 Demolition No.1: $350,000
   2. Trade Contract TC-03 Structural Steel, Handrails, Head House Structure, and Precast Stairs No.2: $350,000
   3. Trade Contract TC-04 Concrete Decks No.3: $150,000

D. AWARDING:

The selection process includes but is not limited to:

1. The rules and laws set forth in the Ohio Revised Code for Public Bids.
2. The bidder submitting the Lowest and Best Bid per Ohio Revised Code.
3. The lowest accepted Base Bid and "Accepted" Alternate combination.
4. The bidder best meeting all required specifications.
5. Review of the required forms submitted by the Bidder at the time of the Bid Opening in compliance with the Minority, Women, and Small Business Program.
6. Substitutions not approved prior to the bid opening cannot be used in the determination of the Lowest and Best Bid Determination.
7. Substitutions will not be used in determining Lowest and Best Bids.
8. If Hamilton County and the bidder are unable to successfully come to terms regarding the bid and subsequent contract, Hamilton County reserves the right to terminate contract discussions with the bidder(s) and select the next apparent low bidder.

Hamilton County reserves the right to:

1. Reject any or all bids.
2. Waive any informality in the bids.
3. Eliminate conditions or terms that are not in the best interest of Hamilton County and its residents.

E. ADDITIONAL BID REQUIREMENTS:

Bidder shall review the Legal Advertisement for project timeline, pre-bid meeting information, bidding registrations, and addendum notifications.

Bidder shall review the Summary of Work for work hours, length of project, permitting requirements, contractor and sub assignments, and prime contract arrangements (single vs multiple contracts).

Bidder shall assume that No Asbestos removal or remediation is required on this project. Any contractor suspecting asbestos shall stop work immediately and report suspicious areas to the Owner. The owner shall be responsible for removing any asbestos discovered or targeted for removal in this project.

F. BID PROPOSALS:

Bidder's Name: _____

Each bidder is required to fill out all entries in the proposal section. Enter "NO BID" where no bid will be entered for this proposal.

BASE BID TC-02 Demolition

(Includes $350,000 Cash Allowance)

TOTAL COST (LUMP SUM): _____ *(in numbers)*

_____ *(in words)*

the worded amount shall govern

For reference only provide a breakdown of the total prices listed in the Base Bid. This breakdown is solely a reference tool to be used by the County and shall not enter into the determination of the winning bidder for this project. The summation of the lines below should equal your total price listed above.

General Contractor Material: $_____ *(in numbers)*

General Contractor Labor: $_____ *(in numbers)*

Mechanical Material: $_____ *(in numbers)*

Mechanical Labor: $_____ *(in numbers)*

Electrical Material: $_____ *(in numbers)*

Electrical Labor: $_____ *(in numbers)*

Project Management: $_____ *(in numbers)*

The summation of these lines should equal the Total Cost above.

BASE BID TC-03 Structural Steel, Handrails, Head House Structure and Precast Stairs

(Includes $350,000 Cash Allowance)

TOTAL COST (LUMP SUM): _____ *(in numbers)*

_____ *(in words)*

the worded amount shall govern

For reference only provide a breakdown of the total prices listed in the Base Bid. This breakdown is solely a reference tool to be used by the County and shall not enter into the determination of the winning bidder for this project. The summation of the lines below should equal your total price listed above.

General Contractor Material: $_____ *(in numbers)*

General Contractor Labor: $_____ *(in numbers)*

Mechanical Material: $_____ *(in numbers)*

Mechanical Labor: $_____ *(in numbers)*

Electrical Material: $_____ *(in numbers)*

Electrical Labor: $_____ *(in numbers)*

Project Management: $_____ *(in numbers)*

The summation of these lines should equal the Total Cost above.

BASE BID TC-04 Concrete Decks

(Includes $150,000 Cash Allowance)

TOTAL COST (LUMP SUM): _____ *(in numbers)*

_____ *(in words)*

the worded amount shall govern

For reference only provide a breakdown of the total prices listed in the Base Bid. This breakdown is solely a reference tool to be used by the County and shall not enter into the determination of the winning bidder for this project. The summation of the lines below should equal your total price listed above.

General Contractor Material: $_____ *(in numbers)*

General Contractor Labor: $_____ *(in numbers)*

Mechanical Material: $_____ *(in numbers)*

Mechanical Labor: $_____ *(in numbers)*

Electrical Material: $_____ *(in numbers)*

Electrical Labor: $_____ *(in numbers)*

Project Management: $_____ *(in numbers)*

The summation of these lines should equal the Total Cost above.

G. ALTERNATES:

Alternates, if accepted.

ALTERNATE -

Add to provide G-rail or similar system at Levels 700 & 500 for the duration of the project.

TOTAL COST $: _____ (LUMP SUM ADD/DEDUCT) *(in numbers)*

(circle one)

_____ *(in words)*

the worded amount shall govern

H. SUBSTITUTIONS – No substitutions

Bidder's Name: _____

All Prime Contractors hereby acknowledge and accept all responsibilities assigned to them by the General Conditions, Minority, Women, and Small Business Program, and Division One of the Specifications. All fees for supervision and coordination are included in the bids.

Bids submitted by virtue of this Proposal hereby are acknowledged by the Owner to be made under the conditions that the Bidder will not be prevented, on account of strikes or other disruptions affecting source of supply, from obtaining materials necessary to carry out his contract to complete the construction covered thereby.

It is understood and agreed by the undersigned that the Owner reserves the right to reject any and all bids.

It is agreed that this Proposal shall be irrevocable for a period of Sixty (60) days after receipt of same by the Owner at the Day and Place set forth in the "Legal Advertisement".

[ ] We have read and agree to the terms listed above.
(check here)

Firm Name: _____

( ) Corporation ( ) Partnership ( ) Sole Proprietorship *(check one)*

Authorized Offerror *(print name):* _____

Authorized Signature *(sign name):* _____

Title: _____

Official Address: _____

_____

_____

E-mail Address: _____

Telephone Number

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

B. Alternates described in this Section are part of the Work only if enumerated in the Agreement.

C. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

D. Work not specifically identified or reasonably inferable as being part of an Alternate shall be considered as being in the base scope of the project.

E. Unless otherwise indicated, each Alternate shall be considered to include all costs necessitated by its acceptance, including, but not limited to labor, material, delivery, storage, handling, supervision, tools, equipment, taxes, compliance with Division 1 General Requirements, and construction facilities and administration associated with the Alternate.

F. The Subcontractor shall fully investigate each proposed Alternate and understand each Alternate's effect on the overall Work. Work which, by virtue of acceptance of the Alternate, will be necessary in order to provide a complete and proper installation shall be considered as being part of that Alternate, whether indicated or not. Likewise, work, which is made unnecessary by acceptance of the Alternate, shall be considered as being deducted from the base Work, even if not specifically indicated as such.

1.3 PROCEDURES

A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Notification: Immediately following award of the Trade Contractor's Subcontract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.

C. Execute accepted alternates under the same conditions as other work of the Subcontract.

D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - SCHEDULE OF ALTERNATES

2.1 Provide Schedule of Alternates for the following:

A. Add to provide G-rail or similar system at Levels 700 & 500 for the duration of the project.

Add:_____

END OF SECTION 01 23 00

DIVISION 09 – FINISHES
SECTION 09 91 14
EXTERIOR PAINTING (MPI STANDARDS)

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Surface preparation and application of paint systems on **the following exterior substrates:**

a. Concrete.
b. Concrete masonry units (CMUs).
c. Steel and iron.
d. Galvanized metal.
e. Aluminum (not anodized or otherwise coated).

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include printout of current "MPI Approved Products List" for each product category specified, with the proposed product highlighted.

B. Sustainable Design Submittals:

C. Samples: For each type of topcoat product.

D. Product List: Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in the Exterior Painting Schedule to cross-reference paint systems specified in this Section. Include color designations.

1.3 QUALITY ASSURANCE

A. Mockups: Apply mockups of each paint system indicated and each color and finish selected to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.

1. Architect will select one surface to represent surfaces and conditions for application of each paint system.

a. Vertical and Horizontal Surfaces: Provide samples of at least 100 sq. ft. (9 sq. m).
b. Other Items: Architect will designate items or areas required.

2. Final approval of color selections will be based on mockups.

a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by Architect at no added cost to Owner.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis-of-Design Product: Subject to compliance with requirements, provide The Sherwin-Williams Company listed product or comparable product by one of the following:

1. Benjamin Moore & Co.
2. PPG Paints.

2.2 PAINT PRODUCTS

A. MPI Standards: Provide products complying with MPI standards indicated and listed in its "MPI Approved Products List."

B. Material Compatibility:

1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
2. For each coat in a paint system, provide products recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated.

C. Colors: **As indicated on drawings.**

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.

B. Proceed with coating application only after unsatisfactory conditions have been corrected.

1. Application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Comply with manufacturer's written instructions and recommendations in "MPI Manual" applicable to substrates and paint systems indicated.

B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.

1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection.

3.3 INSTALLATION

A. Apply paints in accordance with manufacturer's written instructions and recommendations in "MPI Manual."

B. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

3.4 CLEANING AND PROTECTION

A. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.

B. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.

C. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.5 EXTERIOR PAINTING SCHEDULE

A. Concrete Substrates, Vertical Surfaces:

1. Latex System:

a. Prime Coat: Primer, alkali resistant, water based**, MPI #3**.
1) S-W Loxon Concrete & Masonry Primer Sealer, A24W8300, at 8.0 mils (0.203 mm) wet, 3.2 mils (0.081 mm) dry.

b. Prime Coat, Latex: Exterior, matching topcoat.
c. Intermediate Coat: Latex, exterior, matching topcoat.

d. Low-Sheen Topcoat: Latex, exterior, low sheen (MPI Gloss Level 3-4).

1) S-W A-100 Exterior Latex Low Sheen, A12 Series, at 4.0 mils (0.102 mm) wet, 1.5 mils (0.038 mm) dry, per coat.

B. CMU Substrates:

1. Latex System **MPI EXT 4.2A**:

a. Prime Coat: Block filler, latex, interior/exterior**, MPI #4**.
1) S-W PrepRite Block Filler, B25W25, at 75 to 125 sq. ft. per gal. (1.84 to 3.07 sq. m per liter).

b. Intermediate Coat: Latex, exterior, matching topcoat.

c. Low-Sheen Topcoat: Latex, exterior, low sheen (MPI Gloss Level 3-4)**, MPI #15**.

1) **S-W A-100 Exterior Latex Low Sheen, A12 Series, at 4.0 mils (0.102 mm) wet, 1.5 mils (0.038 mm) dry, per coat**

C. Metal Substrates:

1. Water-Based Light Industrial Coating System:

a. Water-Based Prime Coat: Primer, rust inhibitive, water based **MPI #107**.
1) S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series, 5.0 to 10.0 mils (0.127 to 0.254 mm) wet, 2.0 to 4.0 mils (0.051 to 0.102 mm) dry.
b. Intermediate Coat: Light industrial coating, exterior, water based, matching topcoat.

c. Semigloss Topcoat: Light industrial coating, exterior, water based, semigloss (MPI Gloss Level 5)**, MPI #163**.
1) S-W Pro Industrial Acrylic Semi-Gloss Coating, B66-650 Series, at 2.5 to 4.0 mils (0.064 to 0.102 mm) dry, per coat.

D. Steel Structural Steel:

1. Water-Based Light Industrial Coating System:

a. Primer: Single component, weldable, high-solids, rust-inhibitive, lead and chromate free, MPI #76, MPW #79..
1) Steel Spec 3002 Universal Primer
b. Intermediate Coat: Epoxy, high build, low gloss**, MPI #108** high solids 2-pack epoxy, pigmented with a high load of micaceous iron oxide (MIO)
1) Macropoxy 267

c. Semigloss Topcoat: Two-component polyester-modified, aliphatic, acrylic, polyurethane (MPI Gloss Level 5)**, MPI #163**.
1) Acrolon 218 HS

E. Galvanized-Metal Substrates:
1. **Galvanized railings to remain unpainted. DO NO PAINT.**

2. Latex System **MPI EXT 5.3A**:

a. Water-Based Prime Coat: Primer, galvanized, water based**, MPI #134**.

1) S-W Pro Industrial™ Pro-Cryl® Universal Primer, B66-1300 Series (5.0 mils wet, 1.9 mils dry)

b. Intermediate Coat: Latex, exterior, matching topcoat.

c. Semigloss Topcoat: Latex, exterior, semigloss (MPI Gloss Level 5)**, MPI #11**.

1) S-W Pro Industrial™ Pre-Catalyzed Waterbased Epoxy Semi-Gloss, K46 Series (4.0 mils wet, 1.4 mils dry per coat)

END OF SECTION 09 91 14

2.3

SHEET #	SHEET NAME	DATE
GENERAL		
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AD-101	SECTOR 4 & 9 EXISTING PHOTOS	05/05/26
AD-102.4	SECTOR 4 – LEVEL 200 & 300 DEMOLITION FLOOR PLAN	04/17/26
AD-103.4	SECTOR 4 – LEVEL 400 & 500 DEMOLITION FLOOR PLAN	05/05/26
AD-104.4	SECTOR 4 – LEVEL 600 & 700 DEMOLITION FLOOR PLAN	05/05/26
AD-106.9	SECTOR 9 – LEVEL 200 & 300 DEMOLITION FLOOR PLAN	04/17/26
AD-107.9	SECTOR 9 – LEVEL 400 & 500 DEMOLITION FLOOR PLAN	04/17/26
AD-108.9	SECTOR 9 – LEVEL 600 & 700 DEMOLITION FLOOR PLAN	04/17/26
AD-211.4	SECTOR 4 – DEMOLITION SECTION & ELEVATION	05/05/26
AD-211.9	SECTOR 9 – DEMOLITION SECTION	04/17/26
A-102.4	SECTOR 4 – LEVEL 200 & 300 PLANS	04/28/26
A-103.4	SECTOR 4 – LEVEL 400 & 500 PLANS	04/28/26
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A-105.4	SECTOR 4 – LEVEL 700 PLAN & ROOF PLAN	04/28/26
A-106.4	SECTOR 4 – LEVEL 700 HEAD HOUSE PLANS	04/17/26
A-106.9	SECTOR 9 – LEVEL 200 & 300 PLANS	04/28/26
A-107.9	SECTOR 9 – LEVEL 400, 450 & 500 PLANS	04/28/26
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A-109.9	SECTOR 9 – LEVEL 700 PLANN & ROOF PLAN	04/28/26
A-110.9	SECTOR 9 – LEVEL 700 HEAD HOUSE PLANS	04/17/26
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A-113.4	SECTOR 4 – LEVEL 600, 650 & 700 CEILING PLANS	04/17/26
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A-201.4	SECTOR 4 – EXTERIOR ELEVATIONS	04/17/26
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A-211.4	SECTOR 4 – SECTIONS	04/17/26
A-212.4	SECTOR 4 – SECTIONS	04/17/26
A-213.4	SECTOR 4 – HEAD HOUSE SECTIONS	04/17/26
A-201.9	SECTOR 9 – EXTERIOR ELEVATIONS	04/17/26
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S-201	FRAMING DETAILS	05/05/26
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E-106	ELECTRICAL ELEVATIONS	04/17/26

NO.	DATE	DESCRIPTION
2.1	04/17/2026	STRUCTURAL AND DEMOLITION BID PACKAGE
2.2	04/28/2026	STRUCT. & DEMO. ADDENDUM 1
2.3	05/05/2026	STRUCT. & DEMO. ADDENDUM 2
3.1	05/01/2026	ARCHITECTURAL & MEP BID

Hamilton County OHIO

Paycor Stadium - Southeast/Southwest Escalator Tower

1 Paycor Stadium, Cincinnati, OH 45202, United States

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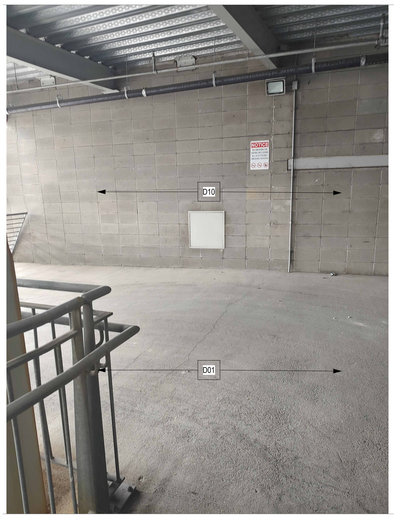
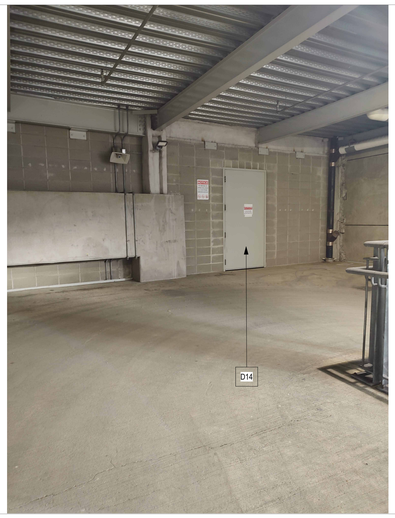
DESIGNED	COMM. NO.
CARLETON	8445.01
DRAWN	DATE
CARLETON	05/01/2026
CHECKED	PROJ. MGR.
THAMANN	SHULTZ

SHEET INDEX

DRAWING NUMBER	ISSUE
G-001	2.3



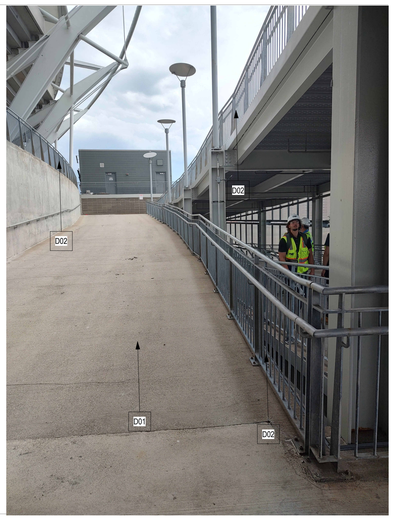
SECTOR 4 - LEVEL 550 SOUTH LANDING



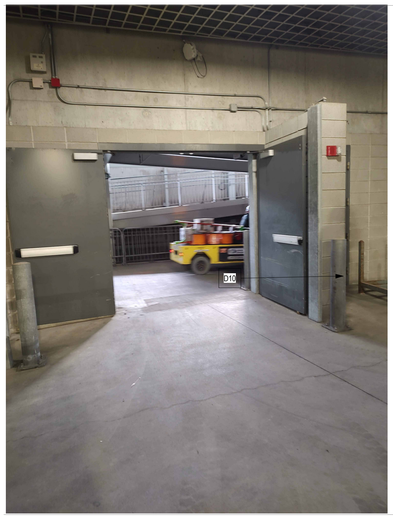
SECTOR 4 - LEVEL 400 NORTH LANDING

SECTOR 9 - LEVEL 350 NORTH LANDING

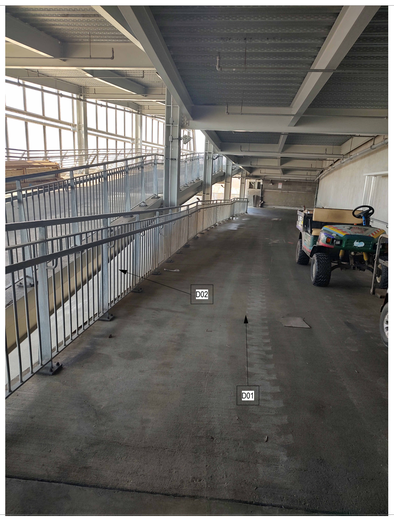
SECTOR 9 - LEVEL 700 RAMP



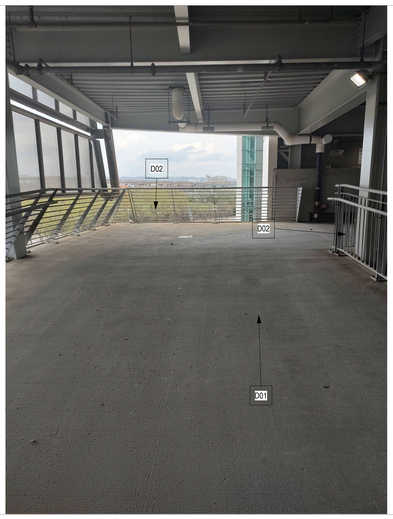
SECTOR 9 - LEVEL 700 RAMP



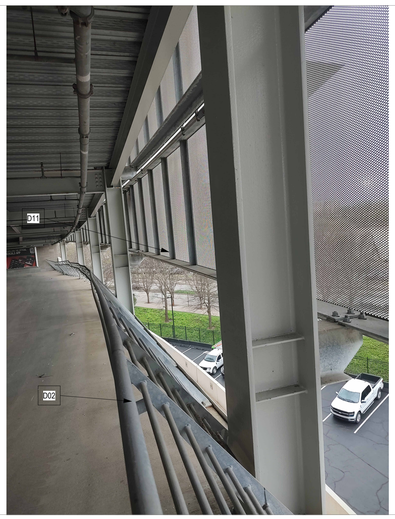
SECTOR 4 - LEVEL 300 EXISTING RAMP ENTRANCE



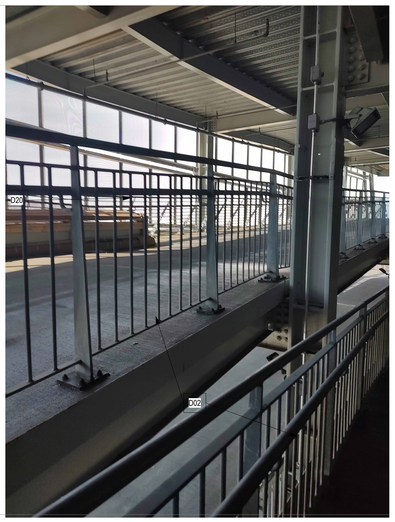
SECTOR 4 - LEVEL 350 RAMP



SECTOR 9 - LEVEL 500 NORTH



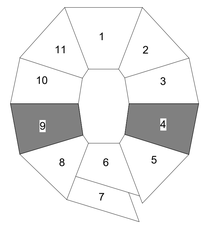
SECTOR 9 - LEVEL 350 RAMP EXISTING SCREEN



SECTOR 4 - LEVEL 400 RAMP CENTER COLUMN

☐ DRAWING NOTES

D01 RAMP FLOOR AND STRUCTURE TO BE REMOVED
D02 REMOVE EXISTING RAILINGS AND ASSOCIATED HARDWARE
D10 REMOVE EXISTING WALL
D11 EXISTING METAL PERFORATED PANELS TO REMAIN. PROTECT PANELS DURING CONSTRUCTION
D14 REMOVE EXISTING DOOR AND FRAME
D20 NOTCH EXISTING PRECAST FOR NEW STEEL BEAM. SEE STRUCTURAL DRAWINGS.



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0 4' 8' 16'
SCALE: 1/8"=1'-0"

NO.	DATE	DESCRIPTION
2.3	05/05/2026	STRUCT. & DEMO. ADDENDUM 2
3.1	05/01/2026	ARCHITECTURAL & MEP BID

Hamilton County OHIO

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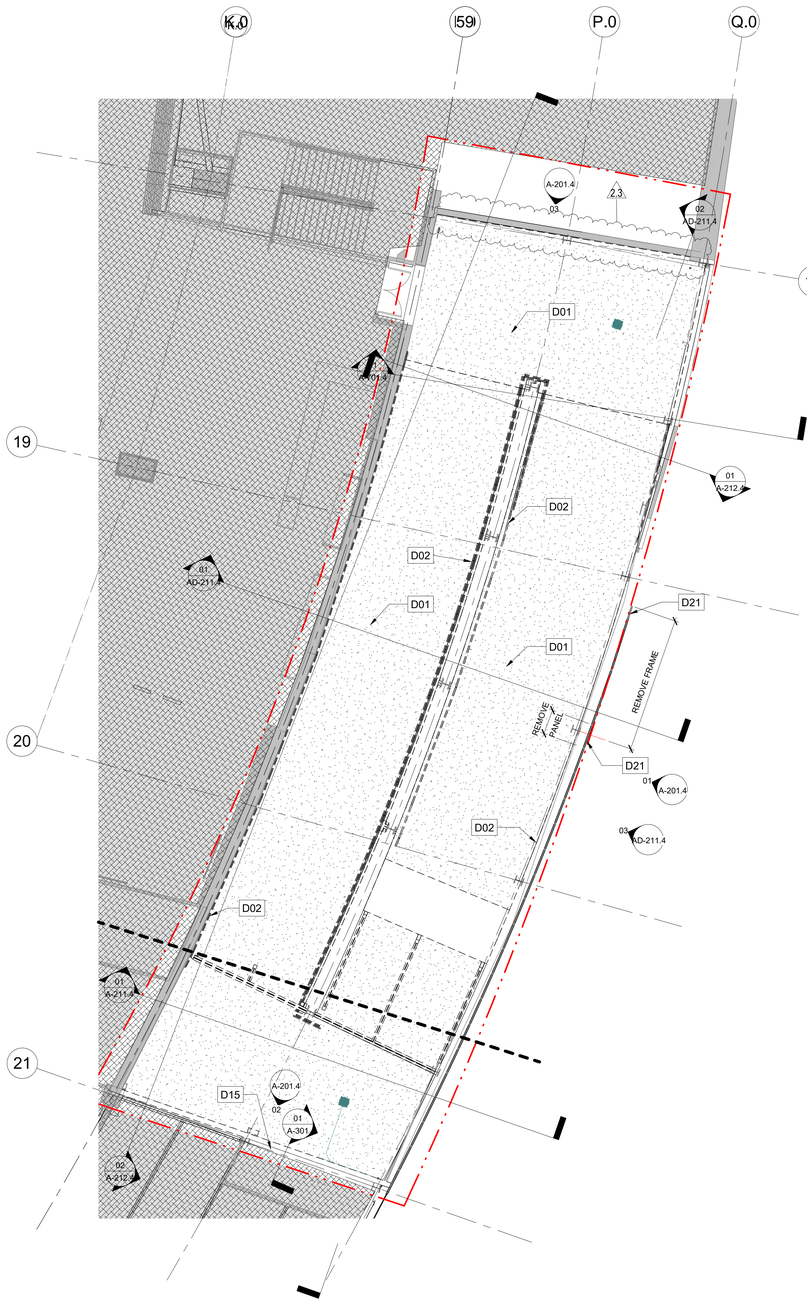
DESIGNED	COMM. NO.
CARLETON	8445.01
DRAWN	DATE
ALMOND	04/17/2026
CHECKED	PROJ. MGR.
THAMANN	SHULTZ

SECTOR 4 & 9 EXISTING PHOTOS

DRAWING NUMBER	ISSUE
AD-101	2.3

01 AD-103.4 **SECTION 4 - LEVEL 400 DEMOLITION**
1/8" = 1'-0"



02 AD-103.4 **SECTION 4 - LEVEL 500 DEMOLITION**
1/8" = 1'-0"

DEMOLITION GENERAL NOTES

A. MEP EQUIPMENT, PIPING, DUCTWORK, CONDUITS, ETC. SHALL BE DEMOLISHED AS REQUIRED FOR NEW WORK, INCLUDING, BUT NOT LIMITED TO ALL ASSOCIATED ITEMS SUCH AS FOUNDATIONS, HOUSEKEEPING PADS, ANCHORS, HANGERS, ACCESSOROES AND OTHER ASSOCIATED ITEMS NO LONGER NEEDED.

B. DEMOLISH ALL EXISTING FLOORING FINISHES, WALL BASE, UNDERLAYMENTS, TRANSITIONS STRIPS, ETC. IN AREAS SCHEDULED TO RECEIVE NEW FINISHES UNLESS NOTED OTHERWISE. PATCH AND/OR REPAIR DAMAGED WALLS AS REQUIRED FOR INSTALLATION OF NEW WALL BASE. PREPARE EXISTING SLABS AS REQUIRED FOR NEW FLOOR FINISHES, INCLUDING ANY NECESSARY REPAIR AND/OR LEVELING FOR NEW FINISHES

C. SEE STRUCTURAL DRAWINGS FOR DEMOLITION SCOPE OF COLUMNS, BEAMS, BRACES, ETC. **DO NOT START DEMOLITION WITHOUT STRUCTURAL BRACING AND SHORING AS NOTED ON STRUCTURAL DRAWNGS.**

D. ALL REMOVED/DEMOLISHED JUNCTION BOXES, ETC. IN WALLS SLATED TO REMAIN SHALL BE INFILLED - INFILL MATERIAL TO MATCH ADJACENT MATERIAL AND FINISH

E. ALL GLAZING AND DOORS SHALL REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE

F. PATCH FLOOR AT ALL REMOVED PIPING & CONDUIT

G. DEMOLITION CONTRACTOR IS RESPONSIBLE FOR DISCONNECTION & REMOVAL OF ALL MEP & TELECOM ITEMS - COORDINATE WITH FACILITIES MANAGEMENT - REMOVE ITEMS BACK TO NEAREST TRUNK LINE, RISER, ETC. SLATED TO REMAIN AND CAP OFF DEMOLISHED LINES AS REQUIRED

H. SUITES AND CLUB AREAS ARE NOT IN SCOPE

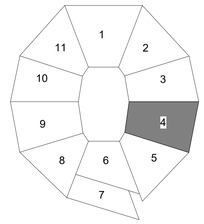
I. PROTECT ALL EXISTING T.V. VIDEO SCREENS, ARTWORK ADJACENT TO AREAS OF DEMOLITION

J. EXISTING EXTERIOR METAL SCREEN IS TO REMAIN. PROTECT PANELS AND RELATED STRUCTURE DURING DEMOLITION.

☐ DRAWING NOTES

D01	RAMP FLOOR AND STRUCTURE TO BE REMOVED
D02	REMOVE EXISTING RAILINGS AND ASSOCIATED HARDWARE
D12	EXISTING CONCRETE AND METAL DECK TO BE REMOVED. STRUCTURE TO REMAIN. SEE STRUCTURAL DRAWINGS.
D14	REMOVE EXISTING DOOR AND FRAME
D15	REMOVE EXISTING CONCRETE BLOCK WALL. PROTECT EXISTING FINISH SPACES BEYOND AS REQUIRED.
D16	REMOVE EXISTING STAIR, LANDING AND HANDRAIL
D17	EXISTING STOREFRONT TO REMAIN AND BRACED. WALL ABOVE TO BE REMOVED
D21	REMOVE FRAME SECTION WITH PERFORATED PANEL TO BE REMOVED FOR STEEL DEMOLITION. STORE AND PROTECT PERFORATED PANELS TO REINSTALL AT COMPLETION OF PROJECT
D22	REMOVE EXISTING INTERIOR RAILING IN CLUB INTERIOR SPACE. SAVE HORZ. SECTION TO REINSTALL.
D23	LIMITED DEMOLITION FOR REMOVAL OF STEEL RELATED TO EXISTING STAIR IN CLUB INTERIOR SPACE

2.3.



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NO.	DATE	DESCRIPTION
2.1	04/17/2026	STRUCTURAL AND DEMOLITION BID PACKAGE
2.3	05/05/2026	STRUCT. & DEMO. ADDENDUM 2
3.1	05/01/2026	ARCHITECTURAL & MEP BID

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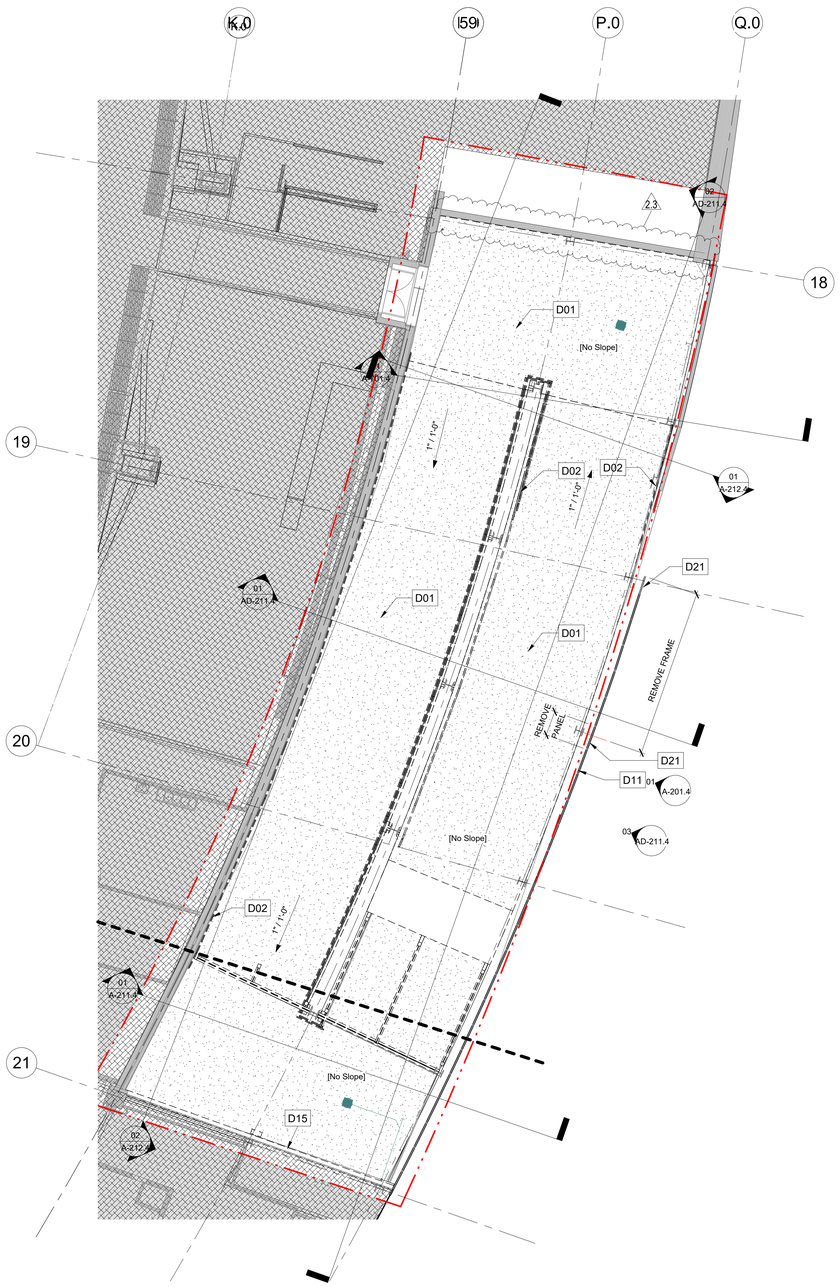
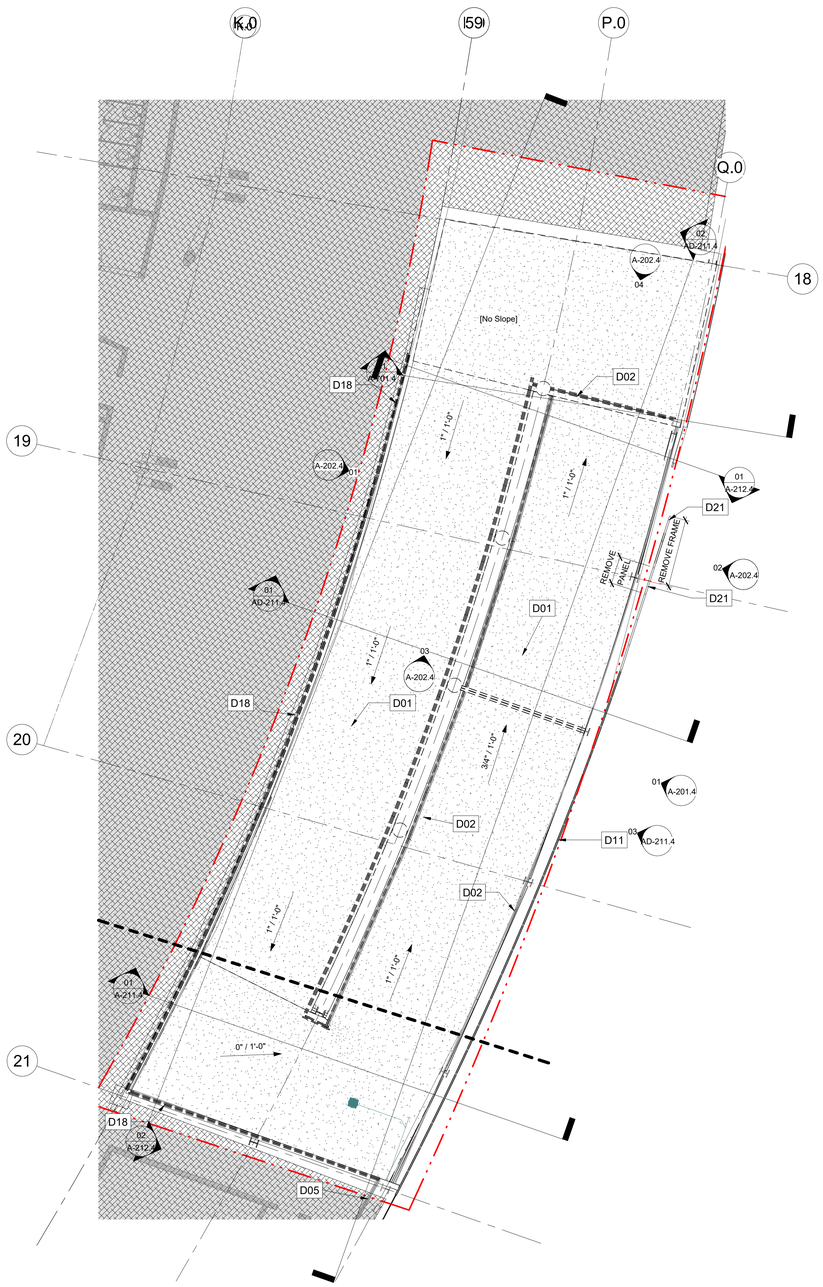
CARLETON	8445.01
DRAWN	DATE
ALMOND	05/01/2026
CHECKED	PROJ. MGR.
THAMANN	SHULTZ

SECTOR 4 - LEVEL 400 & 500 DEMOLITION FLOOR PLAN

DRAWING NUMBER ISSUE
AD-103.4 2.3



1 SECTOR 4 - LEVEL 600 DEMOLITION
AD-104.4 1/8" = 1'-0"



2 SECTOR 4 - LEVEL 700 DEMOLITION
AD-104.4 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

A. MEP EQUIPMENT, PIPING, DUCTWORK, CONDUITS, ETC. SHALL BE DEMOLISHED AS REQUIRED FOR NEW WORK, INCLUDING, BUT NOT LIMITED TO ALL ASSOCIATED ITEMS SUCH AS FOUNDATIONS, HOUSEKEEPING PADS, ANCHORS, HANGERS, ACCESSOROES AND OTHER ASSOCIATED ITEMS NO LONGER NEEDED.

B. DEMOLISH ALL EXISTING FLOORING FINISHES, WALL BASE, UNDERLAYMENTS, TRANSITIONS STRIPS, ETC. IN AREAS SCHEDULED TO RECEIVE NEW FINISHES UNLESS NOTED OTHERWISE. PATCH AND/OR REPAIR DAMAGED WALLS AS REQUIRED FOR INSTALLATION OF NEW WALL BASE. PREPARE EXISTING SLABS AS REQUIRED FOR NEW FLOOR FINISHES, INCLUDING ANY NECESSARY REPAIR AND/OR LEVELING FOR NEW FINISHES

C. SEE STRUCTURAL DRAWINGS FOR DEMOLITION SCOPE OF COLUMNS, BEAMS, BRACES, ETC. **DO NOT START DEMOLITION WITHOUT STRUCTURAL BRACING AND SHORING AS NOTED ON STRUCTURAL DRAWNGS.**

D. ALL REMOVED/DEMOLISHED JUNCTION BOXES, ETC. IN WALLS SLATED TO REMAIN SHALL BE INFILLED - INFILL MATERIAL TO MATCH ADJACENT MATERIAL AND FINISH

E. ALL GLAZING AND DOORS SHALL REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE

F. PATCH FLOOR AT ALL REMOVED PIPING & CONDUIT

G. DEMOLITION CONTRACTOR IS RESPONSIBLE FOR DISCONNECTION & REMOVAL OF ALL MEP & TELECOM ITEMS - COORDINATE WITH FACILITIES MANAGEMENT - REMOVE ITEMS BACK TO NEAREST TRUNK LINE, RISER, ETC. SLATED TO REMAIN AND CAP OFF DEMOLISHED LINES AS REQUIRED

H. SUITES AND CLUB AREAS ARE NOT IN SCOPE

I. PROTECT ALL EXISTING T.V. VIDEO SCREENS, ARTWORK ADJACENT TO AREAS OF DEMOLITION

J. EXISTING EXTERIOR METAL SCREEN IS TO REMAIN. PROTECT PANELS AND RELATED STRUCTURE DURING DEMOLITION.

☐ DRAWING NOTES

D01	RAMP FLOOR AND STRUCTURE TO BE REMOVED
D02	REMOVE EXISTING RAILINGS AND ASSOCIATED HARDWARE
D05	EXISTING RAILING TO REMAIN
D11	EXISTING METAL PERFORATED PANELS TO REMAIN. PROTECT PANELS DURING CONSTRUCTION.
D15	REMOVE EXISTING CONCRETE BLOCK WALL. PROTECT EXISTING FINISH SPACES BEYOND AS REQUIRED.
D18	REMOVE EXISTING GUARDRAIL AND CONCRETE CURB
D21	REMOVE FRAME SECTION WITH PERFORATED PANEL TO BE REMOVED FOR STEEL DEMOLITION. STORE AND PROTECT PERFORATED PANELS TO REINSTALL AT COMPLETION OF PROJECT

NO.	DATE	DESCRIPTION
2.1	04/17/2026	STRUCTURAL AND DEMOLITION BID PACKAGE
2.3	05/05/2026	STRUCT. & DEMO. ADDENDUM 2
3.1	05/01/2026	ARCHITECTURAL & MEP BID

Hamilton County OHIO

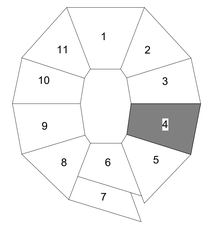
Paycor Stadium - Southeast/Southwest Escalator Tower

1 Paycor Stadium, Cincinnati, OH 45202, United States

KZF DESIGN
Designing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzf.com

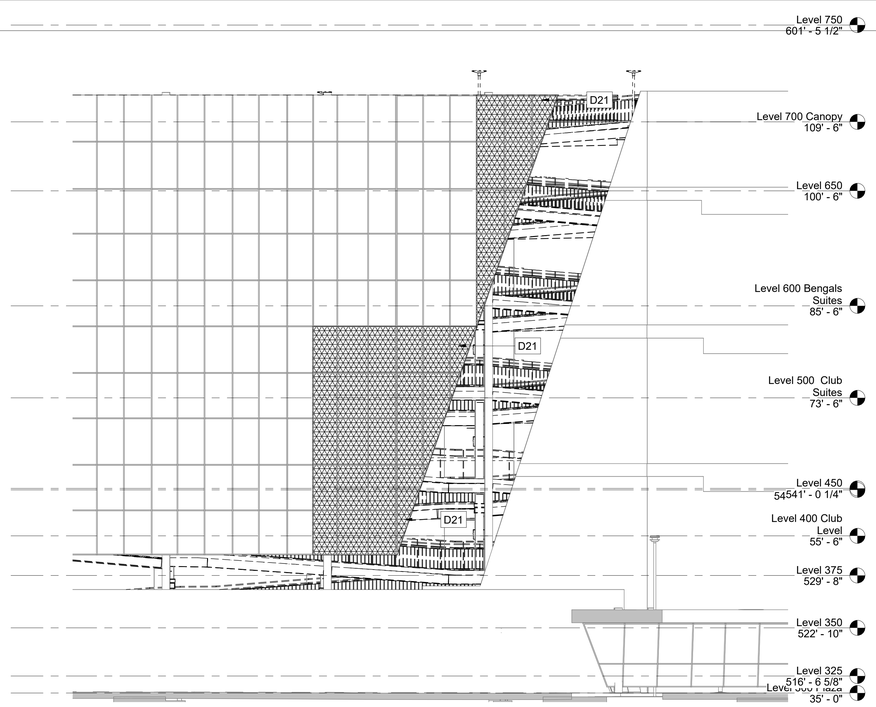


DESIGNED	COMM. NO.
CARLETON	8445.01
DRAWN	DATE
ALMOND	05/01/26
CHECKED	PROJ. MGR.
THAMANN	SHULTZ

SECTOR 4 - LEVEL 600 & 700 DEMOLITION FLOOR PLAN

DRAWING NUMBER ISSUE
AD-104.4 2.3

0 4" 8" 16"
SCALE: 1/8"=1'-0"



03 **SECTOR 4 - DEMOLITION ELEVATION**
AD-211.4 1/8" = 1'-0"

☐ DRAWING NOTES

D01	RAMP FLOOR AND STRUCTURE TO BE REMOVED
D02	REMOVE EXISTING RAILINGS AND ASSOCIATED HARDWARE
D03	RETAIN PORTION OF EXISTING LANDING AND/OR RAMP
D05	EXISTING RAILING TO REMAIN
D11	EXISTING METAL PERFORATED PANELS TO REMAIN. PROTECT PANELS DURING CONSTRUCTION.
D15	REMOVE EXISTING CONCRETE BLOCK WALL. PROTECT EXISTING FINISH SPACES BEYOND AS REQUIRED.
D16	REMOVE EXISTING STAIR, LANDING AND HANDRAIL
D17	EXISTING STOREFRONT TO REMAIN AND BRACED. WALL ABOVE TO BE REMOVED
D21	REMOVE FRAME SECTION WITH PERFORATED PANEL TO BE REMOVED FOR STEEL DEMOLITION. STORE AND PROTECT PERFORATED PANELS TO REINSTALL AT COMPLETION OF PROJECT
D23	LIMITED DEMOLITION FOR REMOVAL OF STEEL RELATED TO EXISTING STAIR IN CLUB INTERIOR SPACE

DEMOLITION GENERAL NOTES

A. MEP EQUIPMENT, PIPING, DUCTWORK, CONDUITS, ETC. SHALL BE DEMOLISHED AS REQUIRED FOR NEW WORK, INCLUDING, BUT NOT LIMITED TO ALL ASSOCIATED ITEMS SUCH AS FOUNDATIONS, HOUSEKEEPING PADS, ANCHORS, HANGERS, ACCESSOROES AND OTHER ASSOCIATED ITEMS NO LONGER NEEDED.

B. DEMOLISH ALL EXISTING FLOORING FINISHES, WALL BASE, UNDERLAYMENTS, TRANSITIONS STRIPS, ETC. IN AREAS SCHEDULED TO RECEIVE NEW FINISHES UNLESS NOTED OTHERWISE. PATCH AND/OR REPAIR DAMAGED WALLS AS REQUIRED FOR INSTALLATION OF NEW WALL BASE. PREPARE EXISTING SLABS AS REQUIRED FOR NEW FLOOR FINISHES, INCLUDING ANY NECESSARY REPAIR AND/OR LEVELING FOR NEW FINISHES

C. SEE STRUCTURAL DRAWINGS FOR DEMOLITION SCOPE OF COLUMNS, BEAMS, BRACES, ETC. **DO NOT START DEMOLITION WITHOUT STRUCTURAL BRACING AND SHORING AS NOTED ON STRUCTURAL DRAWNGS.**

D. ALL REMOVED/DEMOLISHED JUNCTION BOXES, ETC. IN WALLS SLATED TO REMAIN SHALL BE INFILLED - INFILL MATERIAL TO MATCH ADJACENT MATERIAL AND FINISH

E. ALL GLAZING AND DOORS SHALL REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE

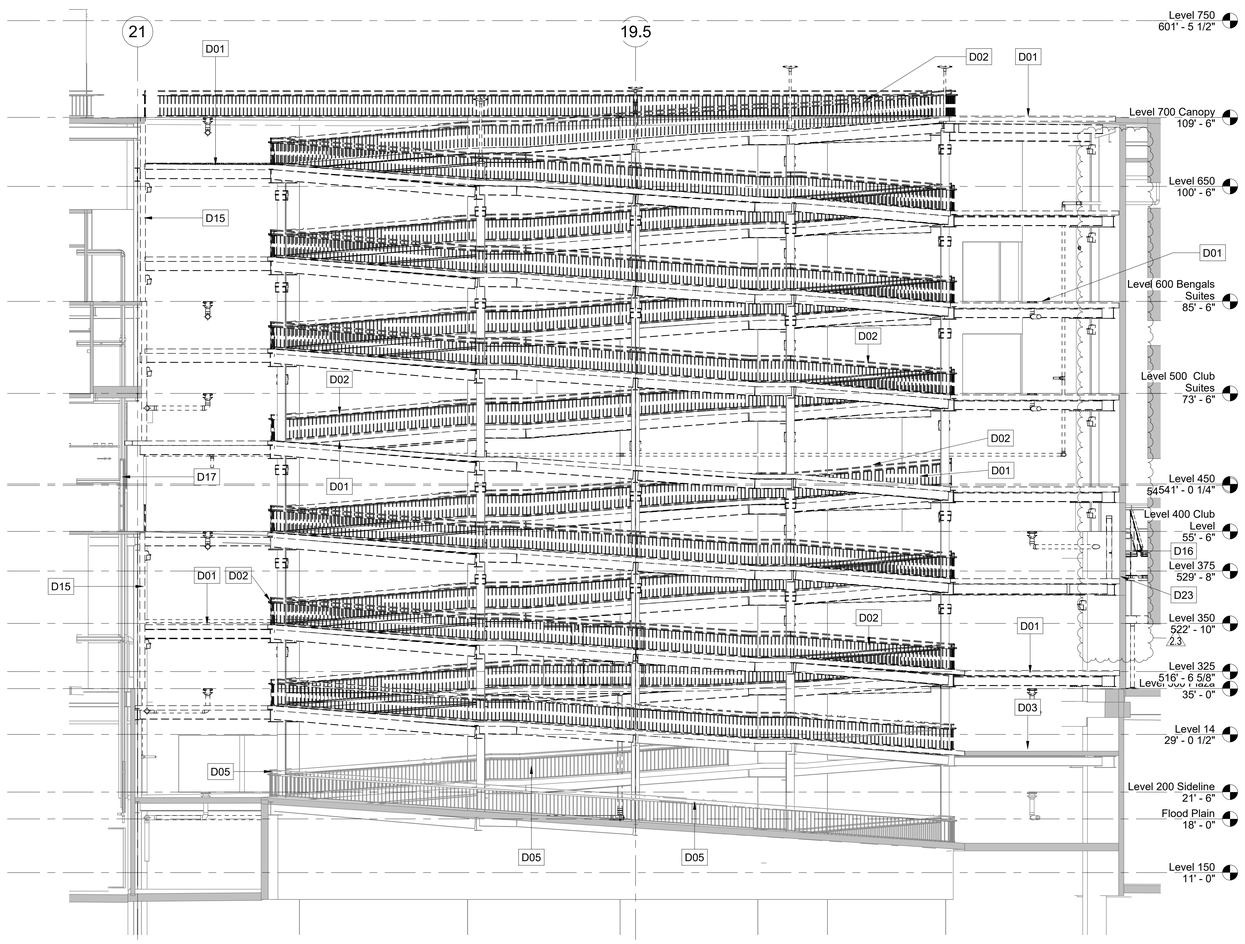
F. PATCH FLOOR AT ALL REMOVED PIPING & CONDUIT

G. DEMOLITION CONTRACTOR IS RESPONSIBLE FOR DISCONNECTION & REMOVAL OF ALL MEP & TELECOM ITEMS - COORDINATE WITH FACILITIES MANAGEMENT - REMOVE ITEMS BACK TO NEAREST TRUNK LINE, RISER, ETC. SLATED TO REMAIN AND CAP OFF DEMOLISHED LINES AS REQUIRED

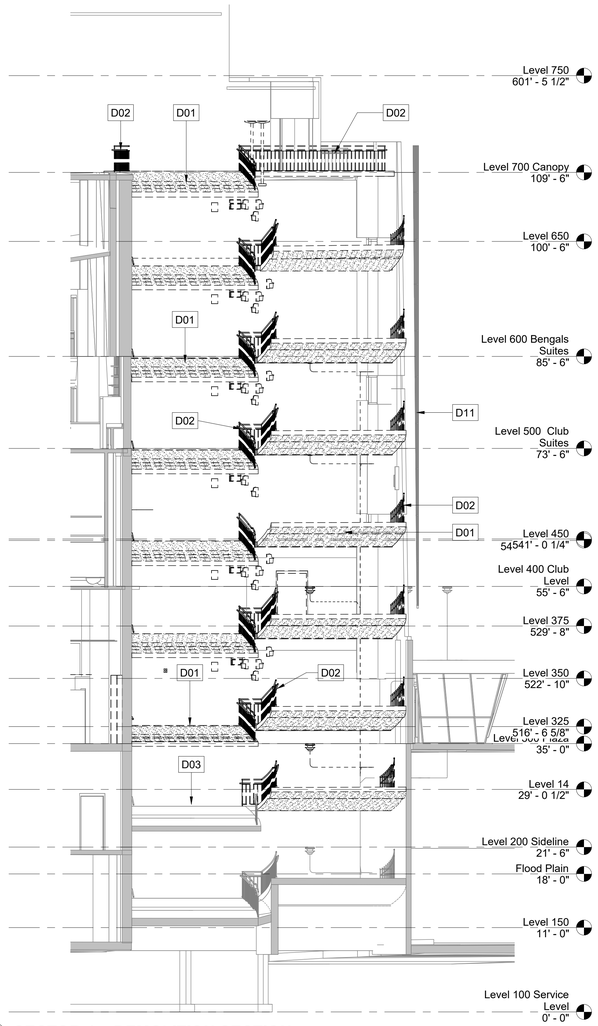
H. SUITES AND CLUB AREAS ARE NOT IN SCOPE

I. PROTECT ALL EXISTING T.V. VIDEO SCREENS, ARTWORK ADJACENT TO AREAS OF DEMOLITION

J. EXISTING EXTERIOR METAL SCREEN IS TO REMAIN. PROTECT PANELS AND RELATED STRUCTURE DURING DEMOLITION.



02 **SECTOR 4 - DEMOLITION SECTION**
AD-211.4 1/8" = 1'-0"



01 **SECTOR 4 - DEMOLITION SECTION**
AD-211.4 1/8" = 1'-0"

NO.	DATE	DESCRIPTION
2.1	04/17/2026	STRUCTURAL AND DEMOLITION BID PACKAGE
2.3	05/05/2026	STRUCT. & DEMO. ADDENDUM 2
3.1	05/01/2026	ARCHITECTURAL & MEP BID

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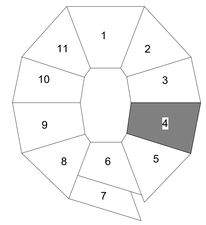


0 4' 8' 16'
SCALE: 1/8"=1'-0"

DESIGNED	COMM. NO.
CARLETON	8445.01
DRAWN	DATE
ALMOND	05/01/26
CHECKED	PROJ. MGR.
THAMANN	SHULTZ

SECTOR 4 - DEMOLITION SECTION & ELEVATION

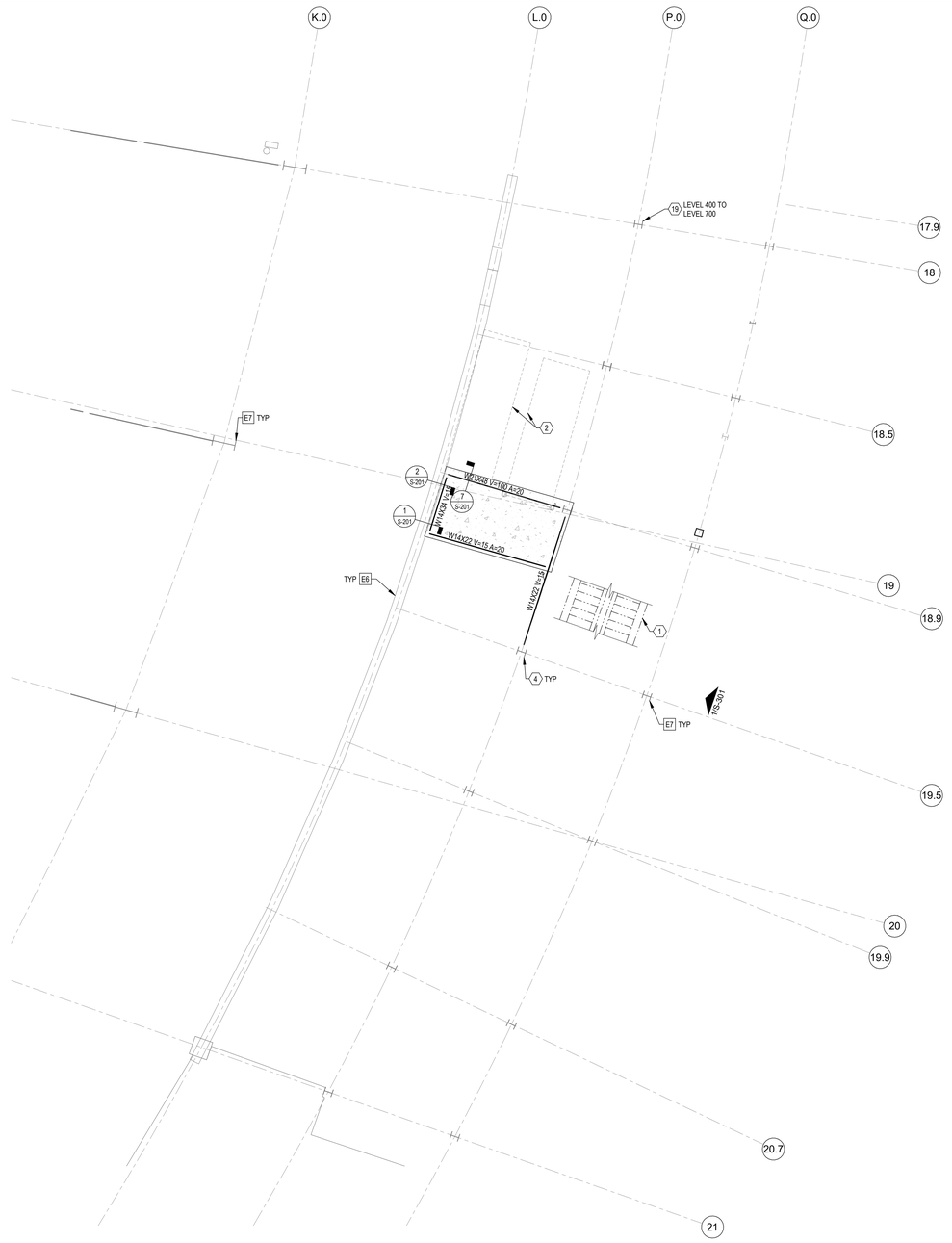
DRAWING NUMBER ISSUE
AD-211.4 2.3


K.0
L.0
P.0
Q.0
17.9
18
18.5
18.9
19
19.5
19.9
20
20.7
21
SIM 1 S-201
45 S-203
E5 BELOW
E7 ABOVE
19 LEVEL 400 TO LEVEL 700
71 S-304
W21X48 V=70 A=20
L6X4X5/16
76 S-205
11
2
7 S-201
W14X21 V=20
W8X35 V=30
40 S-203
10
W18X40 V=75
W14X22 V=20
W21X44 V=90
HSS14X8X3/8
24 S-202
W24X68 V=125 A=20
W18X35 V=30 A=20
19
E5 TYP
W14X21 V=20
W18X50 V=90
W14X22 V=20
W18X50 V=65 A=20
HSS12X12X3/8 [53A-11 1/2"]
C12X20 [53A-11 1/2"]
33 S-202
19 LEVEL 100 TO LEVEL 400
TYP E6
W14X26 V=30
W14X22 V=20
W18X40 V=60 A=20
HSS12X12X3/8 [53A-11 1/2"]
2 S-201
W14X22 V=20
W14X26 V=30
W14X22 V=20
4 TYP
1 S-201
W18X40 V=65 A=20
W14X22 V=20
HSS12X12X3/8 [53A-11 1/2"]
74 S-205
E7 TYP
1DS-301
E3 TYP
E1 TYP
W14X26 V=30
W18X35 V=40
W18X35 V=30
W14X26 V=30
HSS12X12X3/8 [53A-9"]
HSS12X12X3/8 [53A-11 1/2"]
EX W12X65
41 S-203
9
E8 TYP
EX W14X82
EX W14X22
EX W14X22
EX W14X22

SECTOR 4 - T/SLAB = 565'-6"± U.N.O.

1 S-104 LEVEL 600 FRAMING PLAN

1/8" = 1'-0"



SECTOR 4 - T/SLAB = 577'-6"± U.N.O.

2 S-104 LEVEL 650 FRAMING PLAN

1/8" = 1'-0"

DRAWING NOTES:

1. REFER TO S-001 AND S-002 FOR GENERAL NOTES AND TYPICAL DETAILS.
2. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL DIMENSIONS AND REQUIREMENTS.
3. ALL EXISTING CONDITIONS SHOWN ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OR CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.

DRAWING NOTES: ☐

E1. EXISTING PRECAST DOUBLE TEE FLOOR FRAMING WITH STRUCTURAL TOPPING.

E2. EXISTING PRECAST PLANK FLOOR FRAMING WITH STRUCTURAL TOPPING.

E3. EXISTING CAST IN PLACE CONCRETE BEAM.

E4. EXISTING PRECAST CONCRETE BEAM.

E5. EXISTING CAST IN PLACE CONCRETE COLUMN.

E6. EXISTING CAST IN PLACE CONCRETE WALL.

E7. EXISTING STEEL COLUMN.

E8. EXISTING STEEL FLOOR FRAMING WITH SLAB ON METAL DECK.

E9. EXISTING EXPANSION JOINT.

E10. EXISTING STEEL BOOMERANG COLUMNS.

KEY NOTES: ⬡

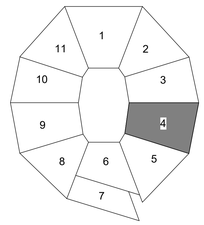
1. NEW ESCALATOR ASSEMBLY. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
2. NEW PRECAST STAIR. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3. 4 1/2" NW CONCRETE OVER 2" 18 GA COMPOSITE METAL DECK (6 1/2" TOTAL THICKNESS) ON NEW STEEL FRAMING MIN. 2 SPANS. REFER TO TYP. DETAIL FOR ADDL. REINF. REQUIREMENTS.
4. EXISTING WF COLUMN TO REMAIN AND BE REUSED. DO NOT DAMAGE DURING DEMO OF EXISTING RAMP STRUCTURE.
5. 4" TOPPING SLAB OVER 6 1/2" STRUCTURAL SLAB. REFER TO ARCH.
6. HSS6X6X5/16 HANGER TO FLOOR ABOVE.
7. RAMP SLAB. REFER TO ARCH FOR ELEVATIONS.
8. EXISTING RAMP TO REMAIN THIS LEVEL. NO WORK.
9. REMOVE EXISTING SLAB THIS AREA. CUT SLAB (1) FLUTE NORTH/SOUTH OF EXISTING STOREFRONT AT EACH/WEST RAMP. REUSE EXISTING STEEL FRAMING TO SUPPORT NEW SLAB ON METAL DECK. PROVIDE 1" ADDITIONAL CONCRETE TO MATCH EXISTING ELEVATIONS.
10. HSS HANGER TO FLOOR BELOW.
11. HSS POST TO LANDING ABOVE.
12. HSS6X6X5/16 POST TO FLOOR BELOW.
13. NEW OPENING IN CONCRETE WALL. SAW CUT FULL DEPTH TO ROUGH SIZE OF OPENING AND CHIP BACK SALVAGING EXISTING REINFORCING PER DETAIL. REFER TO ARCH FOR DIMENSIONS.
14. CUT DOWN TOP OF EXISTING WALL TO ALLOW FOR TOPPING SLAB AND WATERPROOFING TO RUN CONTINUOUSLY THROUGH.
15. EXTEND COLUMN TO LEVEL OF NEW FRAMING WITH W12 TO MATCH EXIST. (W12X106 TYP. FIELD VERIFY). PREPARE TOP OF COLUMN AND PROVIDE COMPLETE PEN. WELD ALL AROUND.
16. SALVAGE EXISTING DIAPHRAGM REINFORCING EXTENDING FROM PEDESTRIAN BRIDGE. CAST INTO NEW SLAB ON METAL DECK.
17. REMOVE COLUMN BETWEEN 500 AND 600 LEVEL AFTER NEW BEAM AT 700 LEVEL IS INSTALLED AND ALL CONNECTIONS ARE COMPLETE. PORTION ABOVE 600 LEVEL TO REMAIN AS HANGER.

KEY NOTES: ⬡

18. NEW RAMP SUPPORTED BY REINFORCED CONCRETE WALLS BELOW. SEE DETAIL 14/S-201.
19. REINFORCE COLUMN, SEE DETAIL 4/S-201.
20. PLACE BEAM BELOW EXISTING PRECAST PLANK AT NEW STAIR BEARING. SHIM AND GROUT. PROVIDE 1/2" DIA HILTI HUS SCREW ANCHORS THRU FLANGE INTO UNDERSIDE OF PRECAST AT MID/SPAN AND QUARTER POINTS.
21. SAW CUT EXISTING PRECAST TO ALLOW FOR NEW BEAM PLACEMENT. SURVEY EXISTING CONDITIONS INCLUDING LOCATION OF ATTACHMENT POINTS AND SCANNING FOR REINFORCING AND REPORT TO ENGINEER PRIOR TO CUTTING.
22. 1 1/2" 18 GA ROOF DECK. MIN. 2 SPANS 2.3
23. KINK BEAM TO MATCH SLOPE OF EXISTING RAMP. PROVIDE COMPLETE PENETRATION SPLICE AT KINK.
24. V.I.F. EXISTING STEEL BEAM TO STEEL BEAM AND STEEL COLUMN CONNECTIONS. REINFORCE CONNECTIONS AS REQUIRED. SEE DETAIL 42/S-203.
25. ALTERNATIVELY SHORE EXISTING BEAMS AND REPLACE WITH WIDE FLANGE BEAM.
26. NEW STAIR LANDING SUPPORTED BY REINFORCED CONCRETE WALLS BELOW.
27. REFER TO ARCH FOR SLAB DRAIN. ADJUST STEEL ELEVATION TO FOLLOW SLOPED SLAB.
28. BOX-OUT SLAB AT ESCALATOR BAY. POUR SLAB AFTER ESCALATOR IS INSTALLED. 2.3

FRAMING PLAN LEGEND:

- SLAB STEP
- BEAM SPLICE
- DIRECTION OF DECK SPAN
- MOMENT CONNECTION
- [XXX'-XX"] INDICATES BEAM TOP OF STEEL ELEVATION U.N.O.
- XXX'-XX" DECK BEARING ELEVATION
- EP-5 EMBED PLATE MARK, SEE TYPICAL DETAIL



0 4' 8' 16'

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

NO.	DATE	DESCRIPTION
2.1	4/17/26	STRUCTURAL AND DEMOLITION PACKAGE
2.2	4/28/26	ADDENDUM 01
2.3	5/5/26	ADDENDUM 02
3.1	5/1/26	ARCHITECTURAL & MEP BID - FOR REFERENCE ONLY

Hamilton County OHIO

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main 513.621.6211
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STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED
PROFESSIONAL ENGINEER
5/5/26

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

SECTOR 4 - LEVEL 600 AND 650 FRAMING PLANS

DRAWING NUMBER ISSUE

S-104 2.3


K.0
L.0
P.0
Q.0
17.9
18
18.5
18.9
19
19.5
19.9
20
20.7
21
LEVEL 400 TO LEVEL 700
W14X211 V=20
W18X76 V=35
W24X55 M=300 V=45
W18X35 M=150 V=90
W10X26 V=25
W18X35 M=150 V=90
W14X145 M=160 V=50 A=20
W12X14 V=10
W14X22 V=20
W18X50 V=20 A=20
W18X76 V=35
W18X60 V=30 A=20
W18X40 V=20
W18X50 V=20
W18X71 V=20
W18X76 V=30
W14X74 V=20
W14X43 V=20
W14X74
W21X55
SIM.
HSS4X4X3/8
HSS6X6X5/16
TYP E6
TYP E7
TYP E8
E7 TYP
TYP
EX W30X90
EX W30X116
EX W30X99
EX W30X108
EX W30X148
EX W30X118
EX W30X124
EX W30X132
EX W30X173
EX W30X211
EX W30X235
EX W30X261
EX W30X292
EX W30X326
EX W30X357
EX W30X391
EX W30X424
EX W30X454
EX W30X477
EX W30X500
EX W30X526
EX W30X543
EX W30X581
EX W30X616
EX W30X652
EX W30X686
EX W30X717
EX W30X741
EX W30X765
EX W30X790
EX W30X808
EX W30X826
EX W30X846
EX W30X866
EX W30X891
EX W30X908
EX W30X924
EX W30X941
EX W30X961
EX W30X985
EX W30X1004
EX W30X1024
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EX W30X1228
EX W30X1248
EX W30X1268
EX W30X1288
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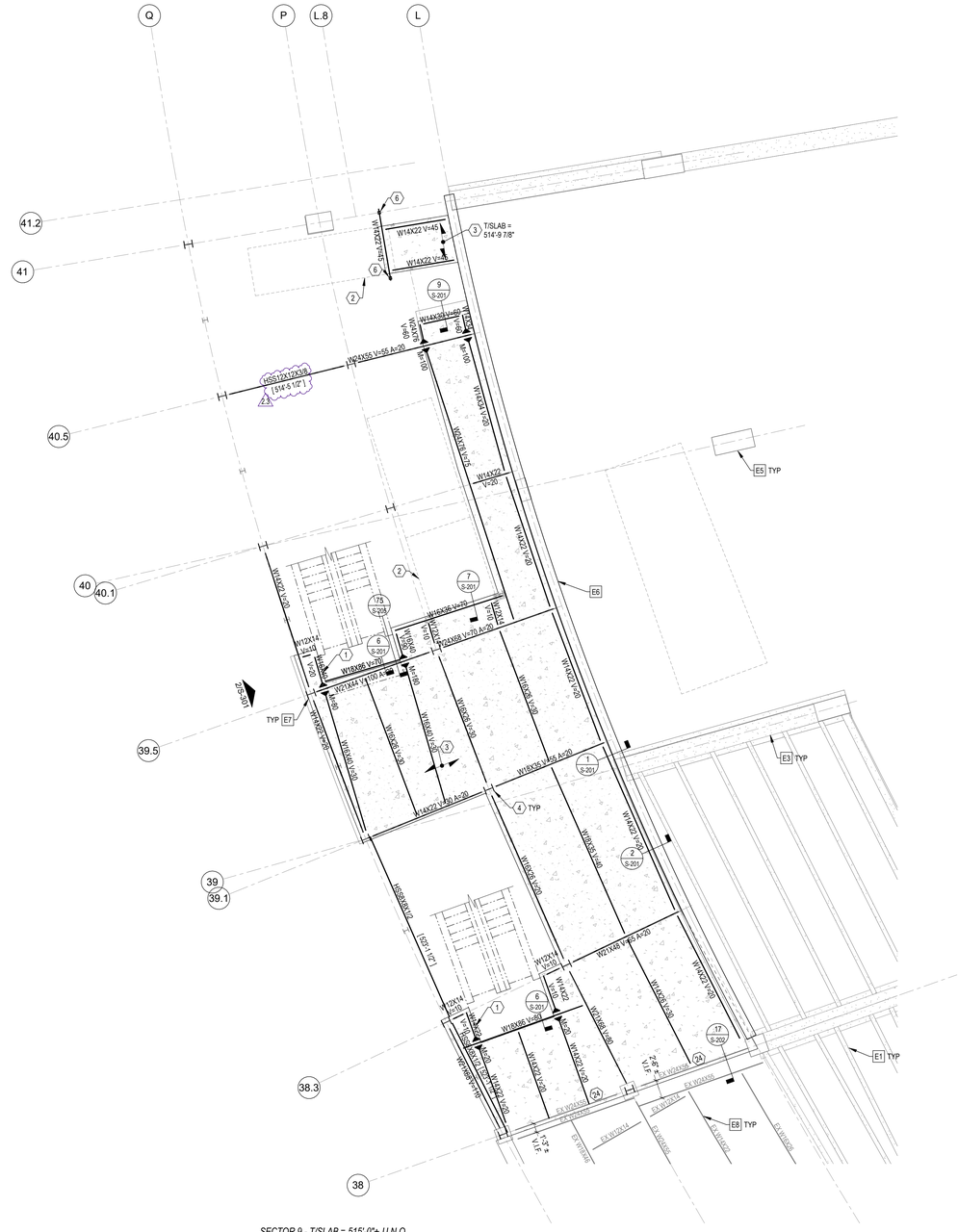
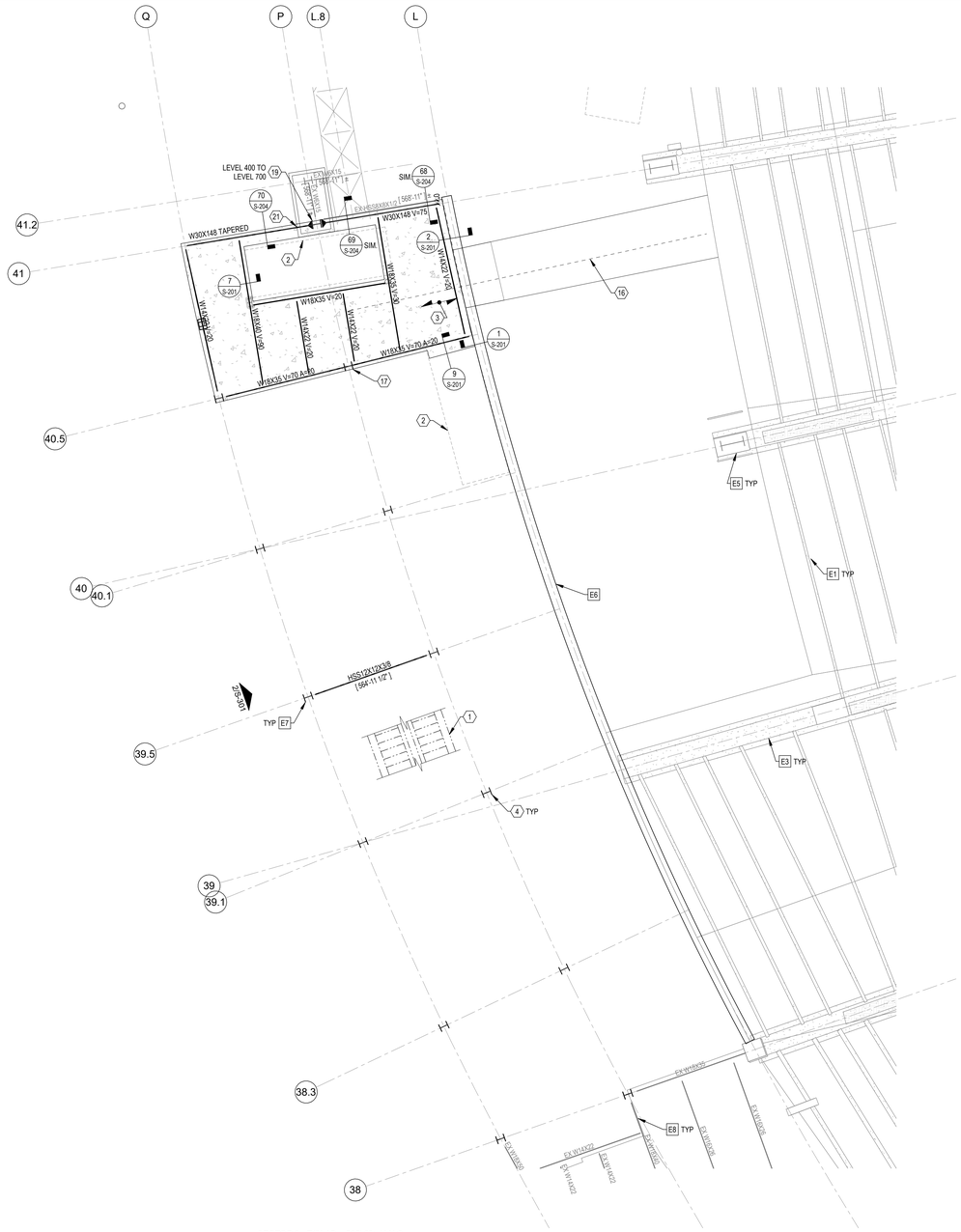
EX W30X1328
EX W30X1348
EX W30X1368
EX W30X1388
EX W30X1408
EX W30X1428
EX W30X1448
EX W30X1468
EX W30X1488
EX

SECTOR 9 - T/SLAB = 501'-6"± U.N.O.

1 / S-106 LEVEL 200 FRAMING PLAN

1/8" = 1'-0"


Q
P
L.8
L
41.2
41
40.5
40
40.1
39.5
39
39.1
38.3
38
E1
E2
E3 TYP
E5 TYP
E6
E7 TYP
E8 TYP
W14X22 V=45
W14X22 V=45
W14X22 V=45



SECTOR 9 - T/SLAB = 565'-6"± U.N.O.

1 / S-108 LEVEL 600 FRAMING PLAN

1/8" = 1'-0"

SECTOR 9 - T/SLAB = 577'-6"± U.N.O.

2 / S-108 LEVEL 650 FRAMING PLAN

1/8" = 1'-0"

DRAWING NOTES:

1. REFER TO S-001 AND S-002 FOR GENERAL NOTES AND TYPICAL DETAILS.
2. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL DIMENSIONS AND REQUIREMENTS.
3. ALL EXISTING CONDITIONS SHOWN ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OR CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.

DRAWING NOTES: ☐

E1. EXISTING PRECAST DOUBLE TEE FLOOR FRAMING WITH STRUCTURAL TOPPING.
E2. EXISTING PRECAST PLANK FLOOR FRAMING WITH STRUCTURAL TOPPING.
E3. EXISTING CAST IN PLACE CONCRETE BEAM.
E4. EXISTING PRECAST CONCRETE BEAM.
E5. EXISTING CAST IN PLACE CONCRETE COLUMN.
E6. EXISTING CAST IN PLACE CONCRETE WALL.
E7. EXISTING STEEL COLUMN.
E8. EXISTING STEEL FLOOR FRAMING WITH SLAB ON METAL DECK.
E9. EXISTING EXPANSION JOINT.
E10. EXISTING STEEL BOOMERANG COLUMNS.

KEY NOTES: ⬡

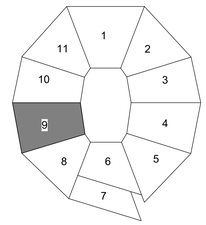
1. NEW ESCALATOR ASSEMBLY. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
2. NEW PRECAST STAIR. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3. 4 1/2" NW CONCRETE OVER 2" 18 GA COMPOSITE METAL DECK (6 1/2" TOTAL THICKNESS) ON NEW STEEL FRAMING MIN. 2 SPANS. REFER TO TYP. DETAIL FOR ADDL. REINF. REQUIREMENTS.
4. EXISTING WF COLUMN TO REMAIN AND BE REUSED. DO NOT DAMAGE DURING DEMO OF EXISTING RAMP STRUCTURE.
5. 4" TOPPING SLAB OVER 6 1/2" STRUCTURAL SLAB. REFER TO ARCH.
6. HSS6X6X5/16 HANGER TO FLOOR ABOVE.
7. RAMP SLAB. REFER TO ARCH FOR ELEVATIONS.
8. EXISTING RAMP TO REMAIN THIS LEVEL. NO WORK.
9. REMOVE EXISTING SLAB THIS AREA. CUT SLAB (1) FLUTE NORTH/SOUTH OF EXISTING STOREFRONT AT EACH/WEST RAMP. REUSE EXISTING STEEL FRAMING TO SUPPORT NEW SLAB ON METAL DECK. PROVIDE 1" ADDITIONAL CONCRETE TO MATCH EXISTING ELEVATIONS.
10. HSS HANGER TO FLOOR BELOW.
11. HSS POST TO LANDING ABOVE.
12. HSS6X6X5/16 POST TO FLOOR BELOW.
13. NEW OPENING IN CONCRETE WALL. SAW CUT FULL DEPTH TO ROUGH SIZE OF OPENING AND CHIP BACK SALVAGING EXISTING REINFORCING PER DETAIL. REFER TO ARCH FOR DIMENSIONS.
14. CUT DOWN TOP OF EXISTING WALL TO ALLOW FOR TOPPING SLAB AND WATERPROOFING TO RUN CONTINUOUSLY THROUGH.
15. EXTEND COLUMN TO LEVEL OF NEW FRAMING WITH W12 TO MATCH EXIST. (W12X106 TYP. FIELD VERIFY). PREPARE TOP OF COLUMN AND PROVIDE COMPLETE PEN. WELD ALL AROUND.
16. SALVAGE EXISTING DIAPHRAGM REINFORCING EXTENDING FROM PEDESTRIAN BRIDGE. CAST INTO NEW SLAB ON METAL DECK.
17. REMOVE COLUMN BETWEEN 500 AND 600 LEVEL AFTER NEW BEAM AT 700 LEVEL IS INSTALLED AND ALL CONNECTIONS ARE COMPLETE. PORTION ABOVE 600 LEVEL TO REMAIN AS HANGER.

KEY NOTES: ⬡

18. NEW RAMP SUPPORTED BY REINFORCED CONCRETE WALLS BELOW. SEE DETAIL 14/S-201.
19. REINFORCE COLUMN, SEE DETAIL 4/S-201.
20. PLACE BEAM BELOW EXISTING PRECAST PLANK AT NEW STAIR BEARING. SHIM AND GROUT. PROVIDE 1/2" DIA HILTI HUS SCREW ANCHORS THRU FLANGE INTO UNDERSIDE OF PRECAST AT MIDPSAN AND QUARTER POINTS.
21. SAW CUT EXISTING PRECAST TO ALLOW FOR NEW BEAM PLACEMENT. SURVEY EXISTING CONDITIONS INCLUDING LOCATION OF ATTACHMENT POINTS AND SCANNING FOR REINFORCING AND REPORT TO ENGINEER PRIOR TO CUTTING.
22. 1 1/2" 18 GA ROOF DECK. MIN. 2 SPANS. 2.3
23. KINK BEAM TO MATCH SLOPE OF EXISTING RAMP. PROVIDE COMPLETE PENETRATION SPLICE AT KINK.
24. V.I.F. EXISTING STEEL BEAM TO STEEL BEAM AND STEEL COLUMN CONNECTIONS. REINFORCE CONNECTIONS AS REQUIRED. SEE DETAIL 42/S-203.
25. ALTERNATIVELY SHORE EXISTING BEAMS AND REPLACE WITH WIDE FLANGE BEAM.
26. NEW STAIR LANDING SUPPORTED BY REINFORCED CONCRETE WALLS BELOW.
27. REFER TO ARCH FOR SLAB DRAIN. ADJUST STEEL ELEVATION TO FOLLOW SLOPED SLAB.
28. BOX-OUT SLAB AT ESCALATOR BAY. POUR SLAB AFTER ESCALATOR IS INSTALLED. 2.3

FRAMING PLAN LEGEND:

- SLAB STEP
- BEAM SPLICE
- DIRECTION OF DECK SPAN
- MOMENT CONNECTION
- [XXX'-XX"] INDICATES BEAM TOP OF STEEL ELEVATION U.N.O.
- XXX'-XX" DECK BEARING ELEVATION
- EP-5 EMBED PLATE MARK, SEE TYPICAL DETAIL



0 4' 8' 16'
SCALE: 1/8"=1'-0"

NO.	DATE	DESCRIPTION
2.1	4/17/26	STRUCTURAL AND DEMOLITION PACKAGE
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700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzf.com

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

SECTOR 9 - LEVEL 600 AND 650 FRAMING PLANS

DRAWING NUMBER **S-108** ISSUE **2.3**


Q
P
L.8
L
41.2
41
40.5
40
40.1
39.5
39
39.1
38.3
38
LEVEL 400 TO LEVEL 700
W30X148 TAPERED
W18X86 TAPERED
W18X97 TAPERED
W18X76 TAPERED
W18X65 TAPERED
W18X50 TAPERED
W18X60 TAPERED
W18X55 TAPERED
W14X22 TAPERED
W14X30 TAPERED
W14X43 TAPERED
W14X61 TAPERED
W14X74 TAPERED
W14X82 TAPERED
W14X90 TAPERED
W14X99 TAPERED
W14X109 TAPERED
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W14X605 TAPERED
W14X665 TAPERED
W14X730 TAPERED
W14X808 TAPERED
W14X873 TAPERED
W14X932 TAPERED
W14X1000 TAPERED
W14X1082 TAPERED
W14X1176 TAPERED
W14X1269 TAPERED
W14X1370 TAPERED
W14X1455 TAPERED
W14X1500 TAPERED
W14X1561 TAPERED
W14X1627 TAPERED
W14X1730 TAPERED
W14X1808 TAPERED
W14X1873 TAPERED
W14X1932 TAPERED
W14X2000 TAPERED
W14X2082 TAPERED
W14X2176 TAPERED
W14X2269 TAPERED
W14X2370 TAPERED
W14X2455 TAPERED
W14X2500 TAPERED
W14X2561 TAPERED
W14X2627 TAPERED
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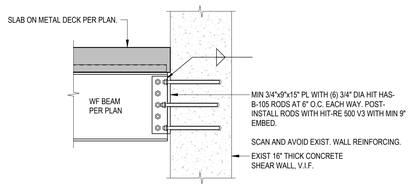
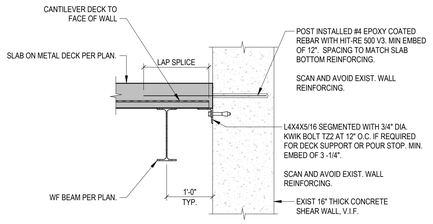


NEW STEEL BEAM TO EXISTING CONCRTE WALL

1 S-201 SECTION

3/4" = 1'-0"



NEW SLAB TO EXISTING CONCRETE WALL

2 S-201 SECTION

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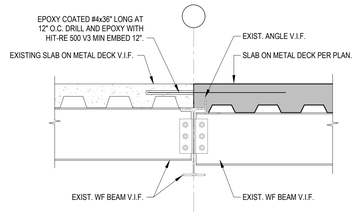
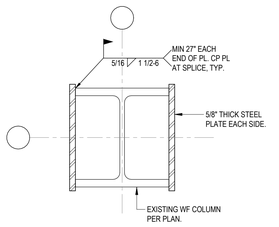


NEW SLAB TO EXISTING SLAB

3 S-201 SECTION

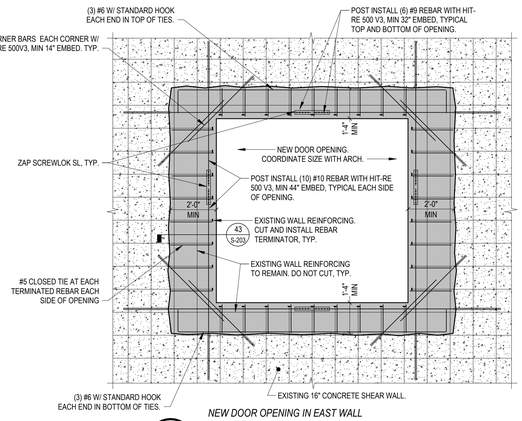
3/4" = 1'-0"



EXISTING COLUMN REINFORCING

4 S-201 PLAN DETAIL

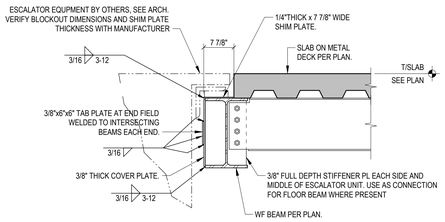
1 1/2" = 1'-0"



NEW DOOR OPENING IN EAST WALL

5 S-201 ELEVATION

3/8" = 1'-0"



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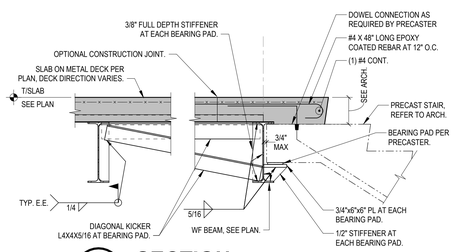
3/4" = 1'-0"



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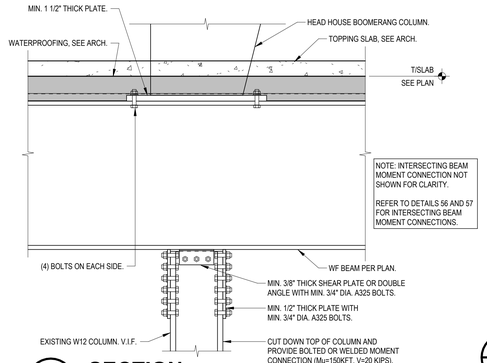
3/4" = 1'-0"



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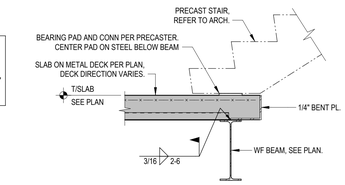

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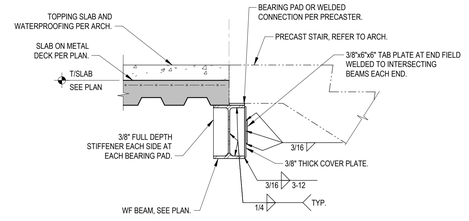

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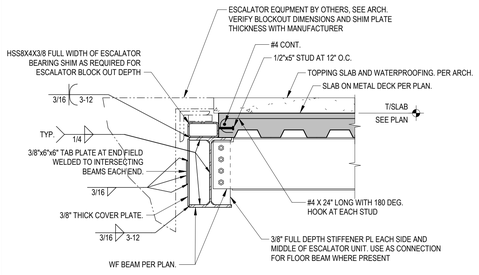
3/4" = 1'-0"



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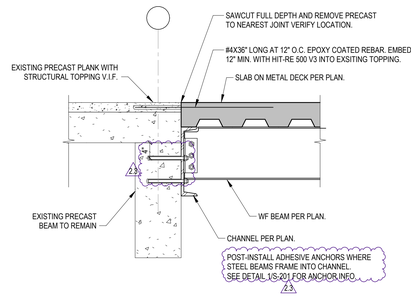
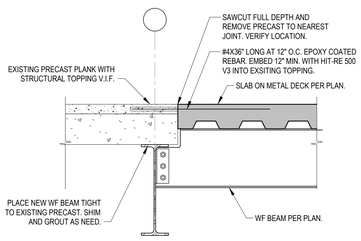
3/4" = 1'-0"



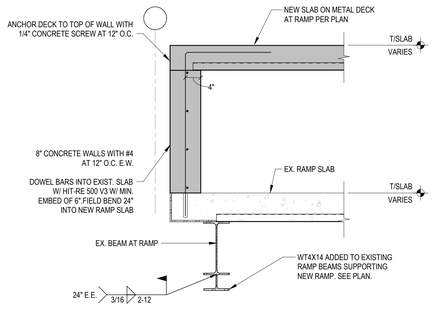
12 S-201 SECTION

3/4" = 1'-0"



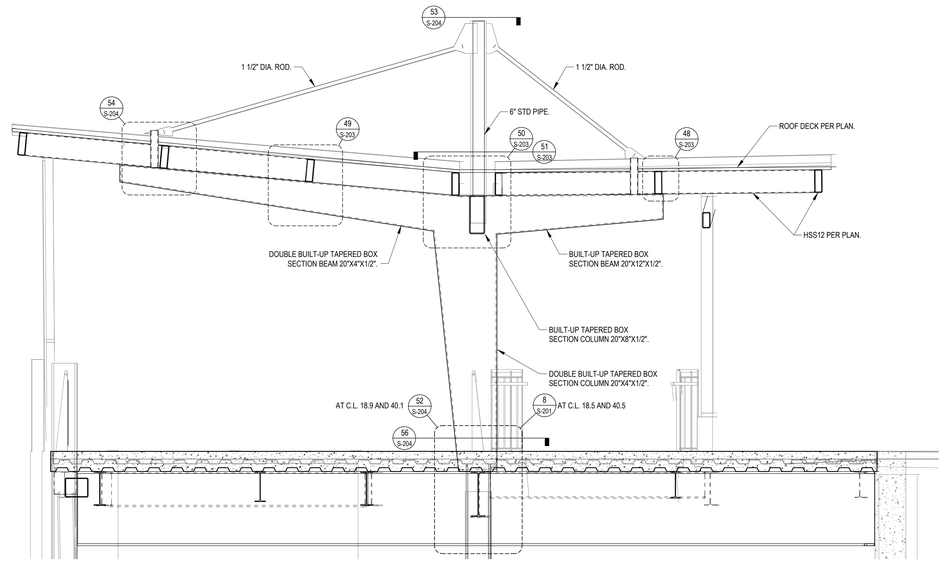
13 S-201 SECTION

3/4" = 1'-0"



14 S-201 SECTION

3/4" = 1'-0"



15 S-201 SECTION

3/8" = 1'-0"

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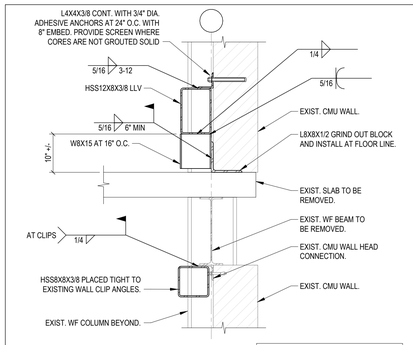
STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED
PROFESSIONAL ENGINEER
5/1/26

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

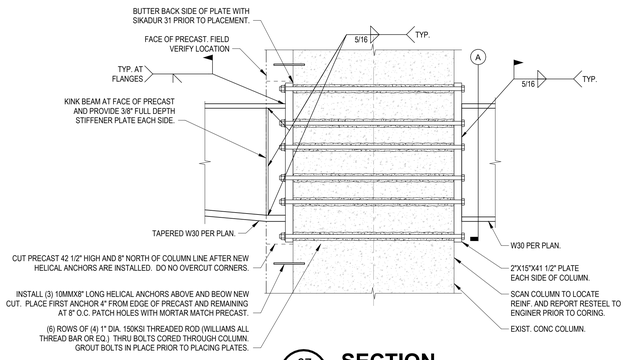
FRAMING DETAILS

DRAWING NUMBER	ISSUE
S-201	2.3



NOTE: CONNECT HSS MEMBERS TO COLUMNS EACH END SIMILAR TO 27/S-202

36 S-203 **SECTION**
3/4" = 1'-0"



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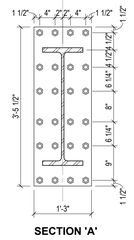
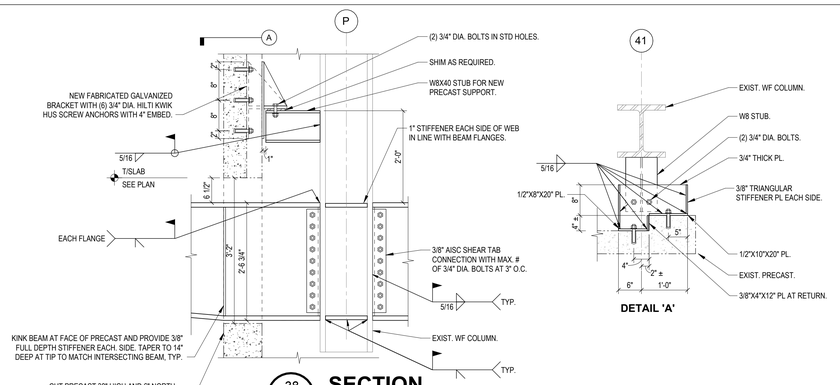
3/4" = 1'-0"

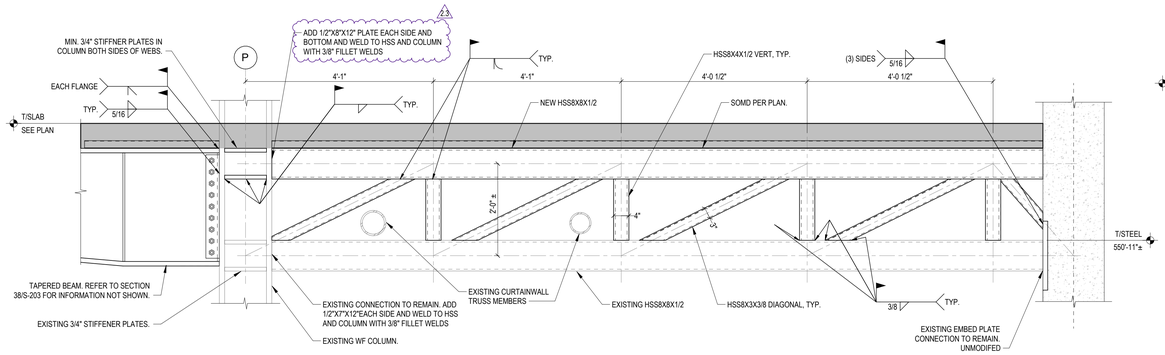


SECTION 'A'

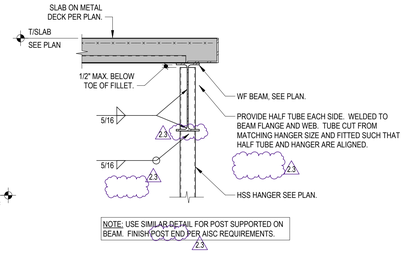


38 S-203 **SECTION**
3/4" = 1'-0"

DETAIL 'A'

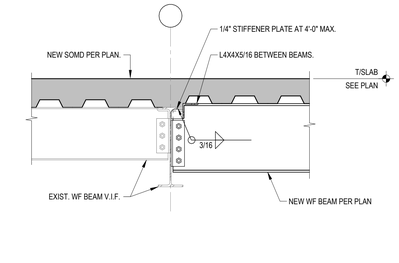


39 S-203 **SECTION**
3/4" = 1'-0"



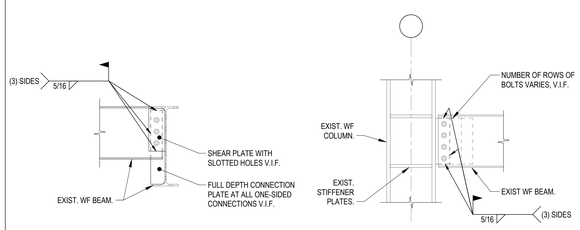
HANGER TO BEAM CONNECTION

40 S-203 **DETAIL**
3/4" = 1'-0"



METAL DECK SUPPORT AT BEAMS WITH DIFFERENT ELEVATIONS

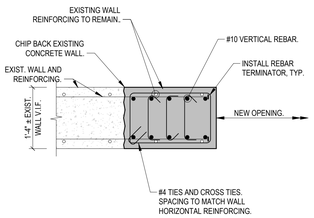
41 S-203 **DETAIL**
3/4" = 1'-0"



EXISTING BEAM TO BEAM CONNECTION REINFORCING

EXISTING BEAM TO COLUMN FLANGE CONNECTION REINFORCING

42 S-203 **DETAIL**
3/4" = 1'-0"



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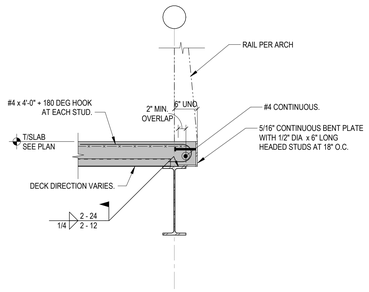
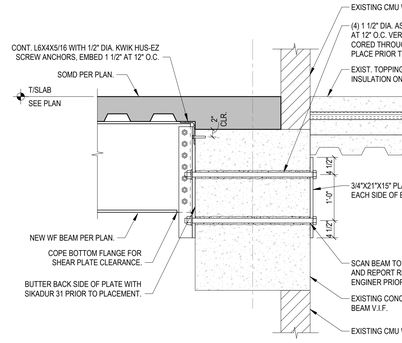
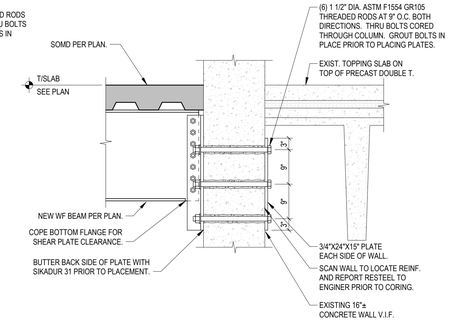


TYPICAL SLAB EDGE

44 S-203 **DETAIL**
3/4" = 1'-0"



45 S-203 **SECTION**
3/4" = 1'-0"



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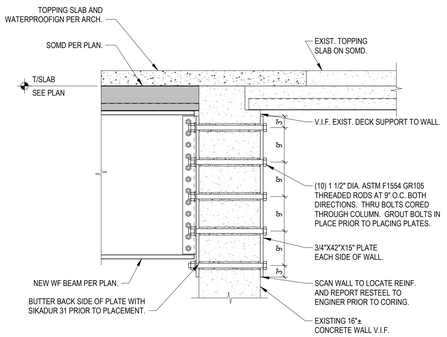

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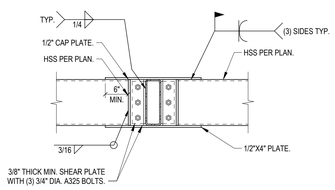
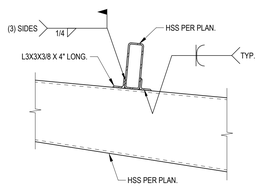


48 S-203 **SECTION**
3/4" = 1'-0"



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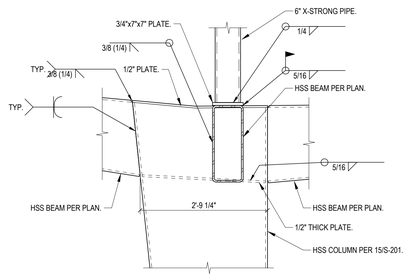

50 S-203 **SECTION**
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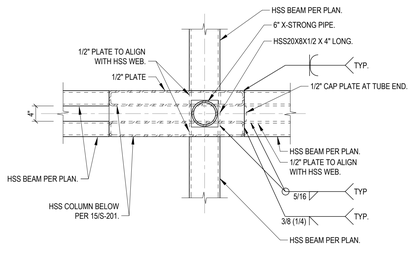

51 S-203 **PLAN DETAIL**
3/4" = 1'-0"

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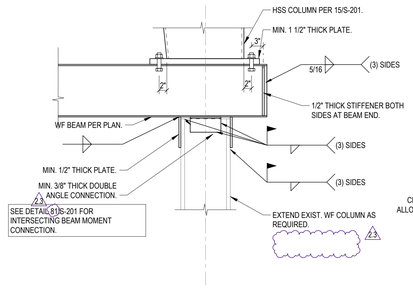
CHECKED	PROJ. MGR.
J. Jones	L. Wang

FRAMING DETAILS

DRAWING NUMBER **S-203** ISSUE 2.3



52 S-204 **SECTION**
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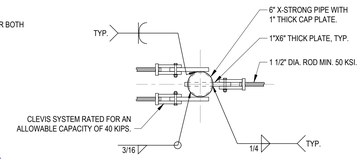
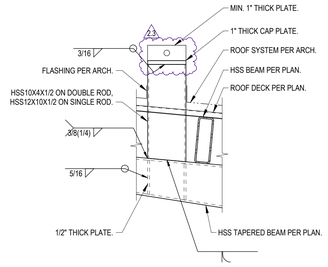


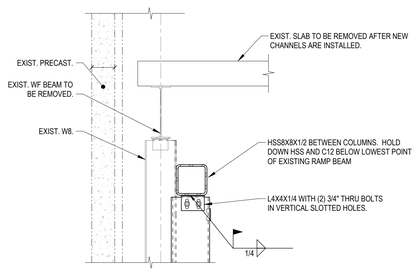
ROD TO PIPE CONNECTION

53 S-204 **PLAN DETAIL**
3/4" = 1'-0"

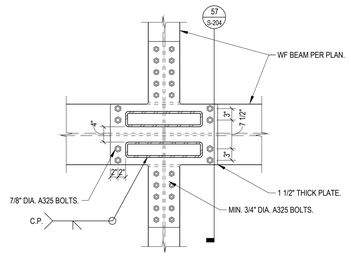


ROD TO TUBE CONNECTION

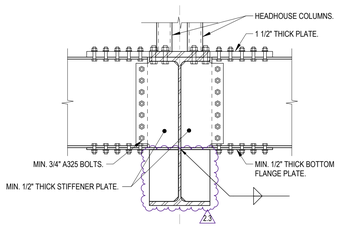
54 S-204 **SECTION**
3/4" = 1'-0"



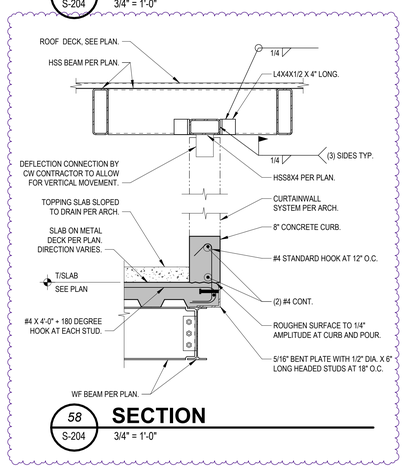
55 S-204 **SECTION**
3/4" = 1'-0"



56 S-204 **SECTION**
3/4" = 1'-0"



57 S-204 **SECTION**
3/4" = 1'-0"



58 S-204 **SECTION**
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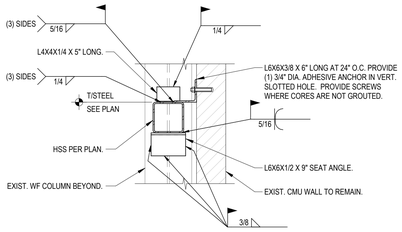

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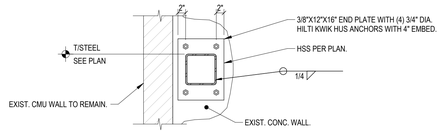

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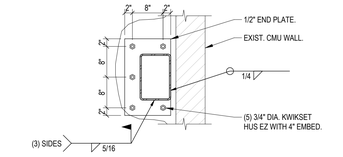
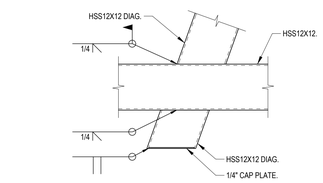
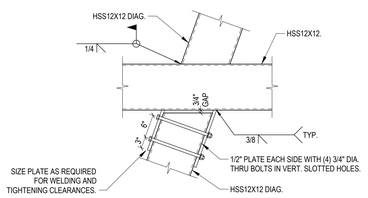
3/4" = 1'-0"



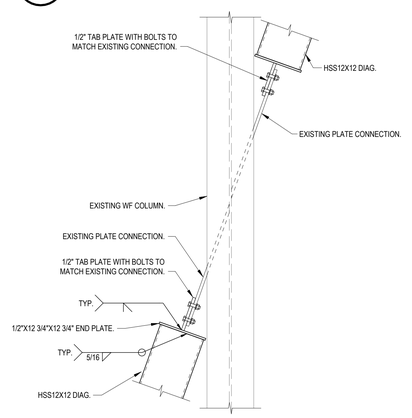
61 S-204 **SECTION**
3/4" = 1'-0"



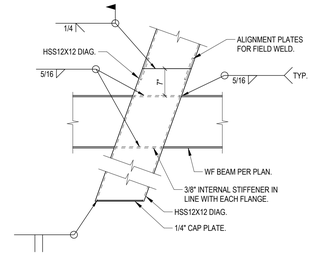
62 S-204 **SECTION**
3/4" = 1'-0"



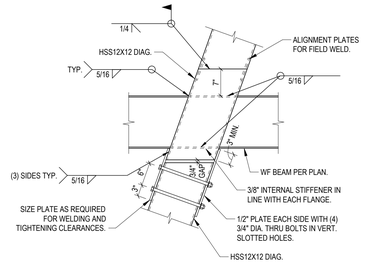
63 S-204 **SECTION**
3/4" = 1'-0"



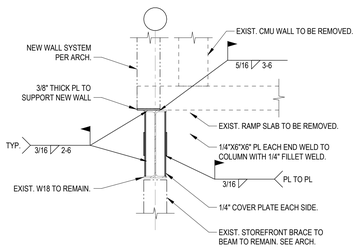
64 S-204 **SECTION**
3/4" = 1'-0"



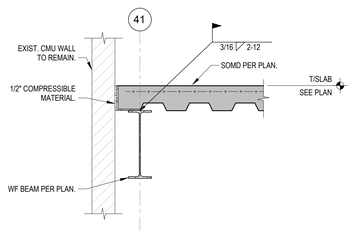
65 S-204 **SECTION**
3/4" = 1'-0"



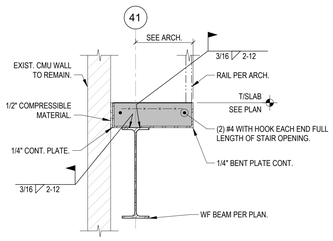
66 S-204 **SECTION**
3/4" = 1'-0"



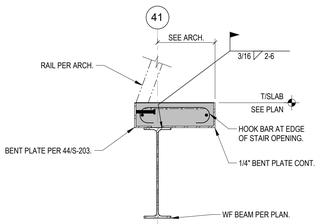
67 S-204 **SECTION**
3/4" = 1'-0"



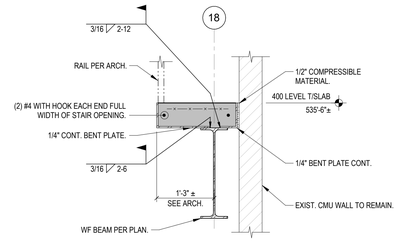
68 S-204 **SECTION**
3/4" = 1'-0"



69 S-204 **SECTION**
3/4" = 1'-0"



70 S-204 **SECTION**
3/4" = 1'-0"



71 S-204 **SECTION**
3/4" = 1'-0"

NO.	DATE	DESCRIPTION
2.1	4/17/26	STRUCTURAL AND DEMOLITION PACKAGE
2.2	4/28/26	ADDENDUM 01
2.3	5/5/26	ADDENDUM 02
3.1	5/1/26	ARCHITECTURAL & MEP BID - FOR REFERENCE ONLY

Hamilton County OHIO

Paycor Stadium - Southeast/Southwest Escalator Tower

1 Paycor Stadium, Cincinnati, OH 45202, United States

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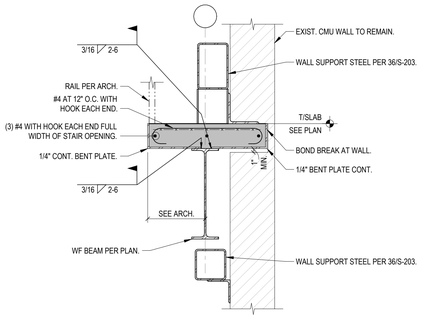
STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED PROFESSIONAL ENGINEER
5/5/26

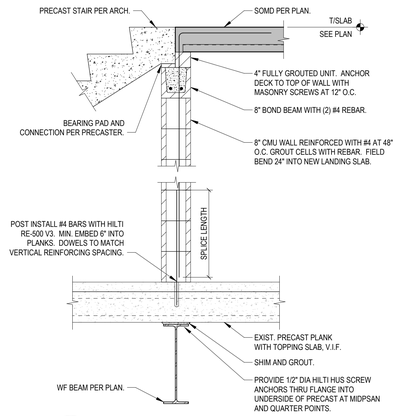
DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

FRAMING DETAILS

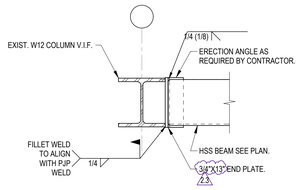
DRAWING NUMBER **S-204** ISSUE **2.3**



72 S-205 **SECTION**
3/4" = 1'-0"

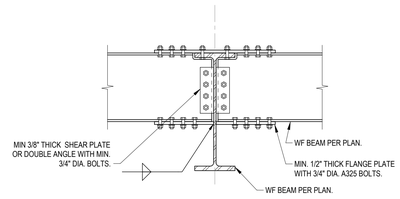


73 S-205 **SECTION**
3/4" = 1'-0"



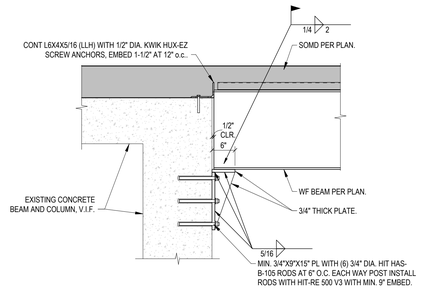
PERIMETER HSS GIRT TO COLUMN

74 S-205 **SECTION**
3/4" = 1'-0"



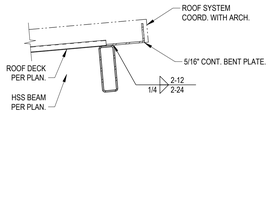
MOMENT CONNECTION AT ESCALATOR CANTILEVER

75 S-205 **SECTION**
3/4" = 1'-0"



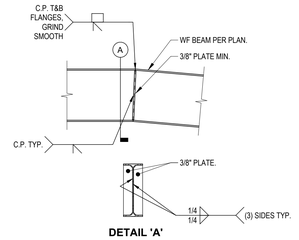
SEATED BEAM

76 S-205 **SECTION**
3/4" = 1'-0"



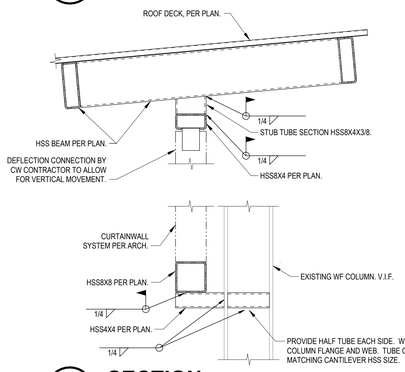
HEADHOUSE ROOF EDGE

77 S-205 **SECTION**
3/4" = 1'-0"



DETAIL 'A'

78 S-205 **SECTION**
3/4" = 1'-0"



79 S-205 **SECTION**
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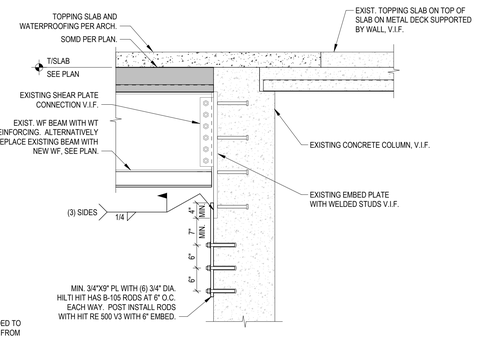
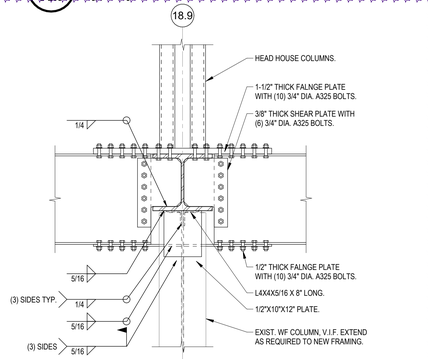


80 S-205 **SECTION**
3/4" = 1'-0"



81 S-205 **SECTION**
3/4" = 1'-0"

2.3

NO.	DATE	DESCRIPTION
2.2	4/28/26	ADDENDUM 01
2.3	5/5/26	ADDENDUM 02
3.1	5/1/26	ARCHITECTURAL & MEP BID - FOR REFERENCE ONLY

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STATE OF OHIO
JASON M. JONES
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REGISTERED
PROFESSIONAL ENGINEER
5/5/26

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/28/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

FRAMING DETAILS

DRAWING NUMBER	ISSUE
S-205	2.3

The following sheets are intended to provide intent of the amount of work the steel contractor will be installing during the on season. This is meant to be a guide and not all encompassing. STL contractor to perform site visit to confirm exact items. Yellow highlight denotes is intention is for this work to be completed DURING on season.

Connections / angles to be installed to fullest extent possible during on season

Demo contractor to take care not to damage during demo

Stl contractor to provide temporary public protection consisting of rigid foam of any elements below 8-0 from walking surface that may be stuck by the public

For holes within existing structural decks: stl contractor to lay out holes needed, demo contractor to demo holes and provide hole protection until stl contractor installs steel, Stl contractor to provide temporary secured hole proteciton (min 3/4" plywood with edges chamfered) to protect pubic holes after steel install

Each contractor shall provide their own means of hoisting during on season work. Cranes will not be permited as the parking area on the west will be utilized by the team and the shoring will not be in place for the crane on the east. Contractors will be able to utilize the freight elevator & small forklifts on the ramp. Include chainfalls or other means as necessary.

Ext beams may be installed as feasible prior to skin removal

SECTOR 4 - T/SLAB = 501'-6"± U.N.O.

1 / S-102 LEVEL 200 FRAMING PLAN

1/8" = 1'-0"

SECTOR 4 - T/SLAB = 515'-0"± U.N.O.

2 / S-102 LEVEL 300 FRAMING PLAN

1/8" = 1'-0"

DRAWING NOTES:

1. REFER TO S-001 AND S-002 FOR GENERAL NOTES AND TYPICAL DETAILS.
2. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL DIMENSIONS AND REQUIREMENTS.
3. ALL EXISTING CONDITIONS SHOWN ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OR CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.

DRAWING NOTES:

E1. EXISTING PRECAST DOUBLE TEE FLOOR FRAMING WITH STRUCTURAL TOPPING.
E2. EXISTING PRECAST PLANK FLOOR FRAMING WITH STRUCTURAL TOPPING.
E3. EXISTING CAST IN PLACE CONCRETE BEAM.
E4. EXISTING PRECAST CONCRETE BEAM.
E5. EXISTING CAST IN PLACE CONCRETE COLUMN.
E6. EXISTING CAST IN PLACE CONCRETE WALL.
E7. EXISTING STEEL COLUMN.
E8. EXISTING STEEL FLOOR FRAMING WITH SLAB ON METAL DECK.
E9. EXISTING EXPANSION JOINT.
E10. EXISTING STEEL BOOMERANG COLUMNS.

KEY NOTES:

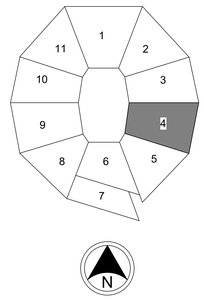
1. NEW ESCALATOR ASSEMBLY. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
2. NEW PRECAST STAIR. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3. 4 1/2" NW CONCRETE OVER 2" 18 GA COMPOSITE METAL DECK (6 1/2" TOTAL THICKNESS) ON NEW STEEL FRAMING MIN. 2 SPANS. REFER TO TYP. DETAIL FOR ADDL. REINF. REQUIREMENTS.
4. EXISTING WF COLUMN TO REMAIN AND BE REUSED. DO NOT DAMAGE DURING DEMO OF EXISTING RAMP STRUCTURE.
5. 4" TOPPING SLAB OVER 6 1/2" STRUCTURAL SLAB. REFER TO ARCH.
6. HSS6X6X5/16 HANGER TO FLOOR ABOVE.
7. RAMP SLAB. REFER TO ARCH FOR ELEVATIONS.
8. EXISTING RAMP TO REMAIN THIS LEVEL. NO WORK.
9. REMOVE EXISTING SLAB THIS AREA. CUT SLAB (1) FLUTE NORTH/SOUTH OF EXISTING STOREFRONT AT EACH WEST RAMP. REUSE EXISTING STEEL FRAMING TO SUPPORT NEW SLAB ON METAL DECK. PROVIDE 1" ADDITIONAL CONCRETE TO MATCH EXISTING ELEVATIONS.
10. HSS HANGER TO FLOOR BELOW.
11. HSS POST TO LANDING ABOVE.
12. HSS6X6X5/16 POST TO FLOOR BELOW.
13. NEW OPENING IN CONCRETE WALL. SAW CUT FULL DEPTH TO ROUGH SIZE OF OPENING AND CHIP BACK SALVAGING EXISTING REINFORCING PER DETAIL. REFER TO ARCH FOR DIMENSIONS.
14. CUT DOWN TOP OF EXISTING WALL TO ALLOW FOR TOPPING SLAB AND WATERPROOFING TO RUN CONTINUOUSLY THROUGH.
15. EXTEND COLUMN TO LEVEL OF NEW FRAMING WITH W12 TO MATCH EXIST. (W12X106 TYP. FIELD VERIFY). PREPARE TOP OF COLUMN AND PROVIDE COMPLETE PEN. WELD ALL AROUND.
16. SALVAGE EXISTING DIAPHRAGM REINFORCING EXTENDING FROM PEDESTRIAN BRIDGE. CAST INTO NEW SLAB ON METAL DECK.
17. REMOVE COLUMN BETWEEN 500 AND 600 LEVEL AFTER NEW BEAM AT 700 LEVEL IS INSTALLED AND ALL CONNECTIONS ARE COMPLETE. PORTION ABOVE 600 LEVEL TO REMAIN AS HANGER.

KEY NOTES:

18. NEW RAMP SUPPORTED BY REINFORCED CONCRETE WALLS BELOW. SEE DETAIL 14/S-201.
19. REINFORCE COLUMN, SEE DETAIL 4/S-201.
20. PLACE BEAM BELOW EXISTING PRECAST PLANK AT NEW STAIR BEARING. SHIM AND GROUT. PROVIDE 1/2" DIA HILTI HUS SCREW ANCHORS THRU FLANGE INTO UNDERSIDE OF PRECAST AT MIDSPAN AND QUARTER POINTS.
21. SAW CUT EXISTING PRECAST TO ALLOW FOR NEW BEAM PLACEMENT. SURVEY EXISTING CONDITIONS INCLUDING LOCATION OF ATTACHMENT POINTS AND SCANNING FOR REINFORCING AND REPORT TO ENGINEER PRIOR TO CUTTING.
22. 1 1/2" ROOF DECK.
23. KINK BEAM TO MATCH SLOPE OF EXISTING RAMP. PROVIDE COMPLETE PENETRATION SPLICE AT KINK.
24. V.I.F. EXISTING STEEL BEAM TO STEEL BEAM AND STEEL COLUMN CONNECTIONS. REINFORCE CONNECTIONS AS REQUIRED. SEE DETAIL 42/S-203.
25. ALTERNATIVELY SHORE EXISTING BEAMS AND REPLACE WITH WIDE FLANGE BEAM.
26. NEW STAIR LANDING SUPPORTED BY REINFORCED CONCRETE WALLS BELOW.

FRAMING PLAN LEGEND:

- SLAB STEP
- BEAM SPLICE
- DIRECTION OF DECK SPAN
- MOMENT CONNECTION
- [XXX'-XX"] INDICATES BEAM TOP OF STEEL ELEVATION U.N.O.
- XXX'-XX" DECK BEARING ELEVATION
- EP-5 EMBED PLATE MARK, SEE TYPICAL DETAIL



0 4' 8' 16'
SCALE: 1/8"=1'-0"

NO.	DATE	DESCRIPTION
1	4/17/2026	STRUCTURAL AND DEMOLITION PACKAGE
2	4/28/2026	ADDENDUM 01

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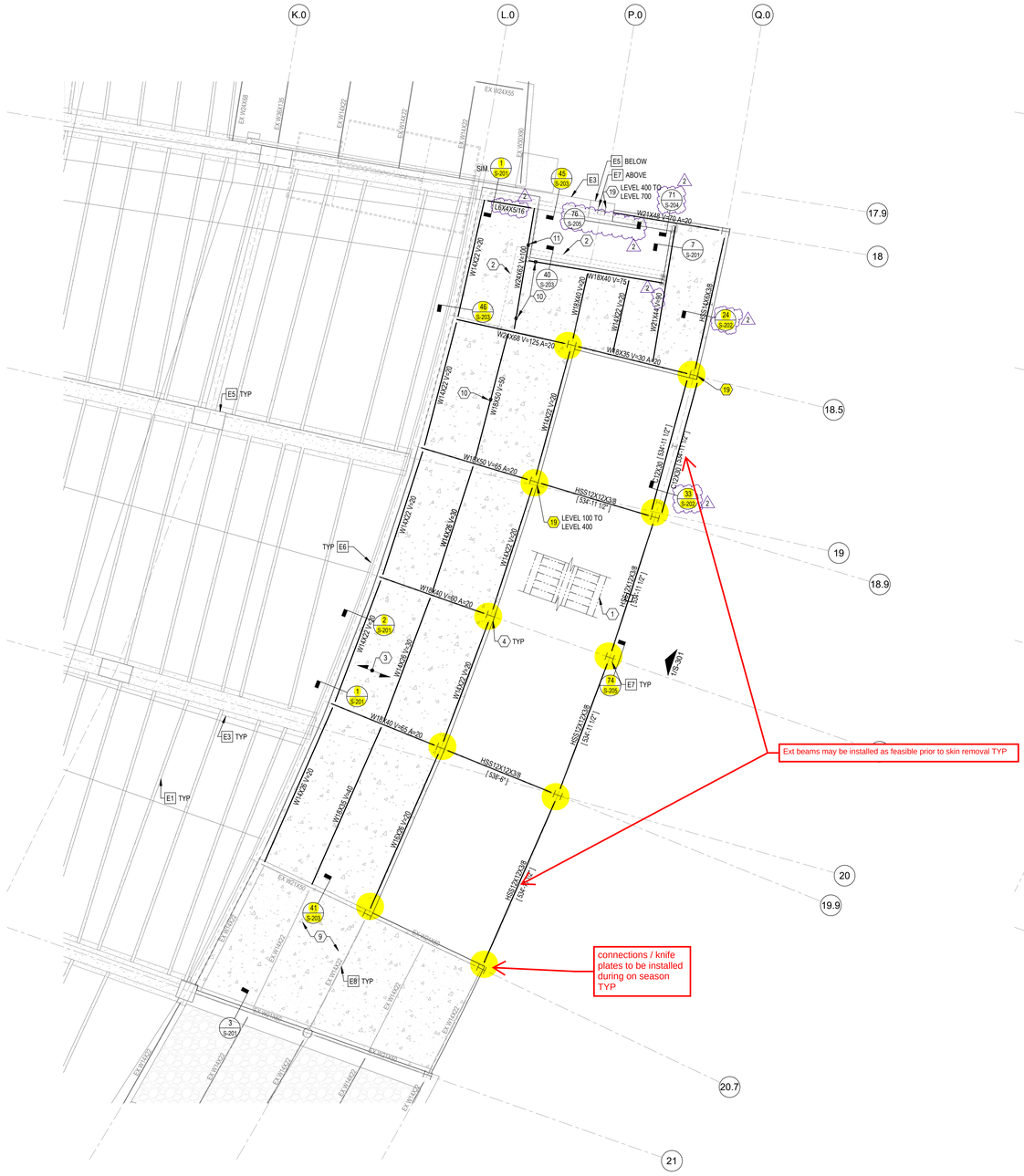
STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED PROFESSIONAL ENGINEER
4/28/26

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

SECTOR 4 - LEVEL 200 & 300 FRAMING PLANS

DRAWING NUMBER ISSUE
S-102 2



SECTOR 4 - T/SLAB = 535'-6"± U.N.O.

1 S-103 LEVEL 400 FRAMING PLAN

1/8" = 1'-0"

SECTOR 4 - T/SLAB = 553'-6"± U.N.O.

3 S-103 LEVEL 500 FRAMING PLAN

1/8" = 1'-0"

DRAWING NOTES:

1. REFER TO S-001 AND S-002 FOR GENERAL NOTES AND TYPICAL DETAILS.
2. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL DIMENSIONS AND REQUIREMENTS.
3. ALL EXISTING CONDITIONS SHOWN ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OR CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.

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E4. EXISTING PRECAST CONCRETE BEAM.
E5. EXISTING CAST IN PLACE CONCRETE COLUMN.
E6. EXISTING CAST IN PLACE CONCRETE WALL.
E7. EXISTING STEEL COLUMN.
E8. EXISTING STEEL FLOOR FRAMING WITH SLAB ON METAL DECK.
E9. EXISTING EXPANSION JOINT.
E10. EXISTING STEEL BOOMERANG COLUMNS.

KEY NOTES:

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2. NEW PRECAST STAIR. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3. 4 1/2" NW CONCRETE OVER 2" 18 GA COMPOSITE METAL DECK (6 1/2" TOTAL THICKNESS) ON NEW STEEL FRAMING MIN. 2 SPANS. REFER TO TYP. DETAIL FOR ADDL. REINF. REQUIREMENTS.
4. EXISTING WF COLUMN TO REMAIN AND BE REUSED. DO NOT DAMAGE DURING DEMO OF EXISTING RAMP STRUCTURE.
5. 4" TOPPING SLAB OVER 6 1/2" STRUCTURAL SLAB. REFER TO ARCH.
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8. EXISTING RAMP TO REMAIN THIS LEVEL. NO WORK.
9. REMOVE EXISTING SLAB THIS AREA. CUT SLAB (1) FLUTE NORTH/SOUTH OF EXISTING STOREFRONT AT EACH/WEST RAMP. REUSE EXISTING STEEL FRAMING TO SUPPORT NEW SLAB ON METAL DECK. PROVIDE 1" ADDITIONAL CONCRETE TO MATCH EXISTING ELEVATIONS. (2)
10. HSS HANGER TO FLOOR BELOW.
11. HSS POST TO LANDING ABOVE.
12. HSS6X6X5/16 POST TO FLOOR BELOW.
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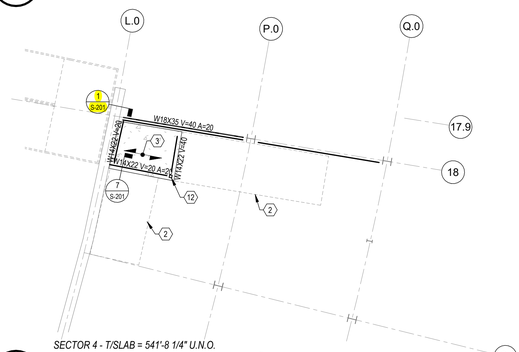
16. SALVAGE EXISTING DIAPHRAGM REINFORCING EXTENDING FROM PEDESTRIAN BRIDGE. CAST INTO NEW SLAB ON METAL DECK.
17. REMOVE COLUMN BETWEEN 500 AND 600 LEVEL AFTER NEW BEAM AT 700 LEVEL IS INSTALLED AND ALL CONNECTIONS ARE COMPLETE. PORTION ABOVE 600 LEVEL TO REMAIN AS HANGER.

KEY NOTES:

18. NEW RAMP SUPPORTED BY REINFORCED CONCRETE WALLS BELOW. SEE DETAIL 14/S-201.
19. REINFORCE COLUMN, SEE DETAIL 4/S-201.
20. PLACE BEAM BELOW EXISTING PRECAST PLANK AT NEW STAIR BEARING. SHIM AND GROUT. PROVIDE 1/2" DIA HILTI HUS SCREW ANCHORS THRU FLANGE INTO UNDERSIDE OF PRECAST AT MIDPSAN AND QUARTER POINTS.
21. SAW CUT EXISTING PRECAST TO ALLOW FOR NEW BEAM PLACEMENT. SURVEY EXISTING CONDITIONS INCLUDING LOCATION OF ATTACHMENT POINTS AND SCANNING FOR REINFORCING AND REPORT TO ENGINEER PRIOR TO CUTTING.
22. 1 1/2" ROOF DECK.
23. KINK BEAM TO MATCH SLOPE OF EXISTING RAMP. PROVIDE COMPLETE PENETRATION SPLICE AT KINK.
24. V.I.F. EXISTING STEEL BEAM TO STEEL BEAM AND STEEL COLUMN CONNECTIONS. REINFORCE CONNECTIONS AS REQUIRED. SEE DETAIL 42/S-203.
25. ALTERNATIVELY SHORE EXISTING BEAMS AND REPLACE WITH WIDE FLANGE BEAM.
26. NEW STAIR LANDING SUPPORTED BY REINFORCED CONCRETE WALLS BELOW.

FRAMING PLAN LEGEND:

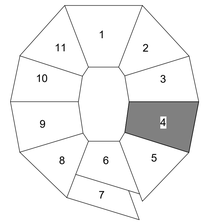
- SLAB STEP
- BEAM SPLICE
- DIRECTION OF DECK SPAN
- MOMENT CONNECTION
- [XXX'-XX"] INDICATES BEAM TOP OF STEEL ELEVATION U.N.O.
- XXX'-XX" DECK BEARING ELEVATION
- EP-5 EMBED PLATE MARK, SEE TYPICAL DETAIL



SECTOR 4 - T/SLAB = 541'-8 1/4" U.N.O.

2 S-103 LEVEL 450 FRAMING PLAN

1/8" = 1'-0"



0 4' 8' 16'
SCALE: 1/8"=1'-0"

NO.	DATE	DESCRIPTION
1	4/17/2026	STRUCTURAL AND DEMOLITION PACKAGE
2	4/28/2026	ADDENDUM 01

Hamilton County OHIO

Paycor Stadium - Southeast/Southwest Escalator Tower

1 Paycor Stadium, Cincinnati, OH 45202, United States

KZF DESIGN
Designing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

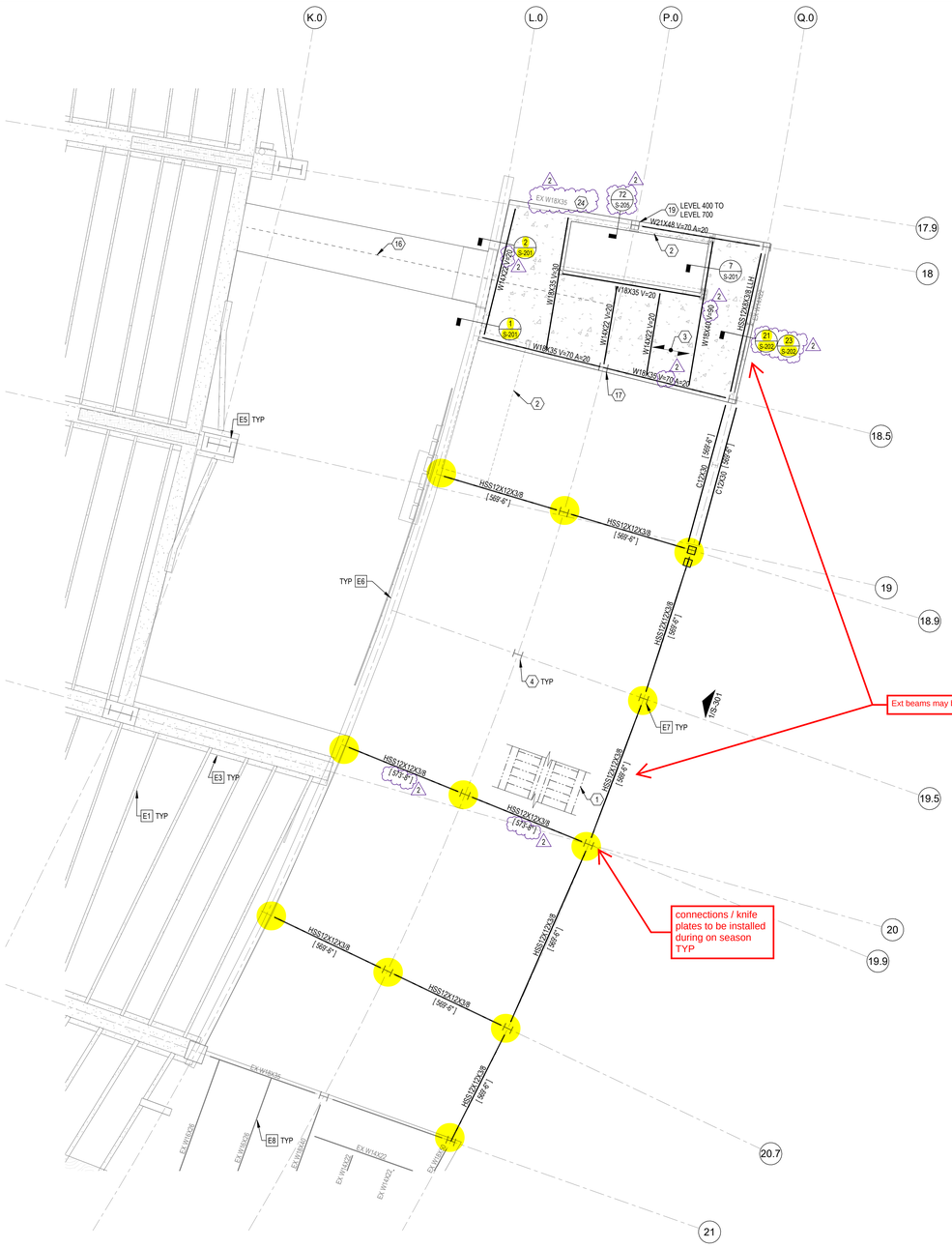
main 513.621.6211
kzf.com

STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED
PROFESSIONAL ENGINEER

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

SECTOR 4 - LEVEL 400, 450, AND 500 FRAMING PLANS

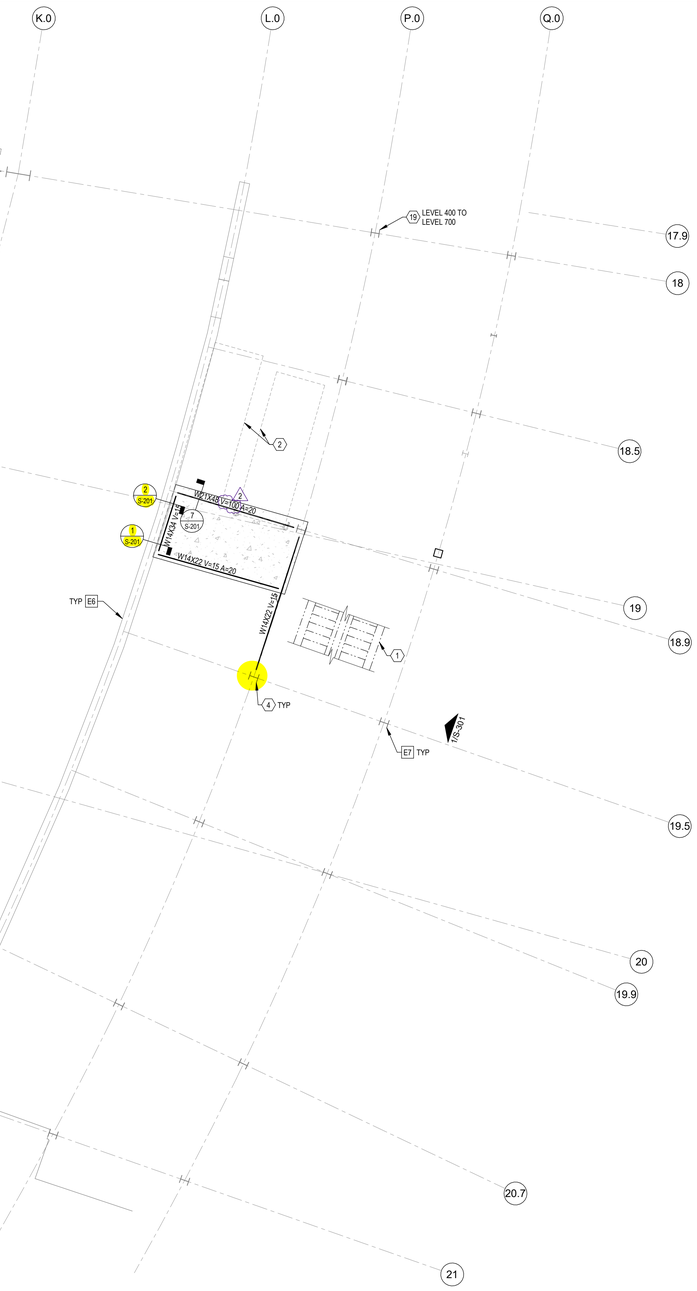
DRAWING NUMBER **S-103** ISSUE **2**



SECTOR 4 - T/SLAB = 565'-6"± U.N.O.

1 S-104 LEVEL 600 FRAMING PLAN

1/8" = 1'-0"



SECTOR 4 - T/SLAB = 577'-6"± U.N.O.

2 S-104 LEVEL 650 FRAMING PLAN

1/8" = 1'-0"

DRAWING NOTES:

1. REFER TO S-001 AND S-002 FOR GENERAL NOTES AND TYPICAL DETAILS.
2. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL DIMENSIONS AND REQUIREMENTS.
3. ALL EXISTING CONDITIONS SHOWN ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OR CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.

DRAWING NOTES: ☐

E1. EXISTING PRECAST DOUBLE TEE FLOOR FRAMING WITH STRUCTURAL TOPPING.
E2. EXISTING PRECAST PLANK FLOOR FRAMING WITH STRUCTURAL TOPPING.
E3. EXISTING CAST IN PLACE CONCRETE BEAM.
E4. EXISTING PRECAST CONCRETE BEAM.
E5. EXISTING CAST IN PLACE CONCRETE COLUMN.
E6. EXISTING CAST IN PLACE CONCRETE WALL.
E7. EXISTING STEEL COLUMN.
E8. EXISTING STEEL FLOOR FRAMING WITH SLAB ON METAL DECK.
E9. EXISTING EXPANSION JOINT.
E10. EXISTING STEEL BOOMERANG COLUMNS.

KEY NOTES: ⬡

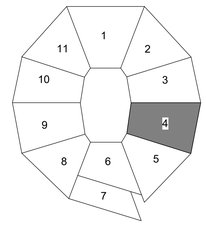
1. NEW ESCALATOR ASSEMBLY. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
2. NEW PRECAST STAIR. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3. 4 1/2" NW CONCRETE OVER 2" 18 GA COMPOSITE METAL DECK (6 1/2" TOTAL THICKNESS) ON NEW STEEL FRAMING MIN. 2 SPANS. REFER TO TYP. DETAIL FOR ADDL. REINF. REQUIREMENTS.
4. EXISTING WF COLUMN TO REMAIN AND BE REUSED. DO NOT DAMAGE DURING DEMO OF EXISTING RAMP STRUCTURE.
5. 4" TOPPING SLAB OVER 6 1/2" STRUCTURAL SLAB. REFER TO ARCH.
6. HSS6X6X5/16 HANGER TO FLOOR ABOVE.
7. RAMP SLAB. REFER TO ARCH FOR ELEVATIONS.
8. EXISTING RAMP TO REMAIN THIS LEVEL. NO WORK.
9. REMOVE EXISTING SLAB THIS AREA. CUT SLAB (1) FLUTE NORTH/SOUTH OF EXISTING STOREFRONT AT EACH/WEST RAMP. REUSE EXISTING STEEL FRAMING TO SUPPORT NEW SLAB ON METAL DECK. PROVIDE 1" ADDITIONAL CONCRETE TO MATCH EXISTING ELEVATIONS. (2)
10. HSS HANGER TO FLOOR BELOW.
11. HSS POST TO LANDING ABOVE.
12. HSS6X6X5/16 POST TO FLOOR BELOW.
13. NEW OPENING IN CONCRETE WALL. SAW CUT FULL DEPTH TO ROUGH SIZE OF OPENING AND CHIP BACK SALVAGING EXISTING REINFORCING PER DETAIL. REFER TO ARCH FOR DIMENSIONS.
14. CUT DOWN TOP OF EXISTING WALL TO ALLOW FOR TOPPING SLAB AND WATERPROOFING TO RUN CONTINUOUSLY THROUGH.
15. EXTEND COLUMN TO LEVEL OF NEW FRAMING WITH W12 TO MATCH EXIST. (W12X106 TYP. FIELD VERIFY). PREPARE TOP OF COLUMN AND PROVIDE COMPLETE PEN. WELD ALL AROUND.
16. SALVAGE EXISTING DIAPHRAGM REINFORCING EXTENDING FROM PEDESTRIAN BRIDGE. CAST INTO NEW SLAB ON METAL DECK.
17. REMOVE COLUMN BETWEEN 500 AND 600 LEVEL AFTER NEW BEAM AT 700 LEVEL IS INSTALLED AND ALL CONNECTIONS ARE COMPLETE. PORTION ABOVE 600 LEVEL TO REMAIN AS HANGER.

KEY NOTES: ⬡

18. NEW RAMP SUPPORTED BY REINFORCED CONCRETE WALLS BELOW. SEE DETAIL 14/S-201.
19. REINFORCE COLUMN, SEE DETAIL 4/S-201.
20. PLACE BEAM BELOW EXISTING PRECAST PLANK AT NEW STAIR BEARING. SHIM AND GROUT. PROVIDE 1/2" DIA HILTI HUS SCREW ANCHORS THRU FLANGE INTO UNDERSIDE OF PRECAST AT MID'SPAN AND QUARTER POINTS.
21. SAW CUT EXISTING PRECAST TO ALLOW FOR NEW BEAM PLACEMENT. SURVEY EXISTING CONDITIONS INCLUDING LOCATION OF ATTACHMENT POINTS AND SCANNING FOR REINFORCING AND REPORT TO ENGINEER PRIOR TO CUTTING.
22. 1 1/2" ROOF DECK.
23. KINK BEAM TO MATCH SLOPE OF EXISTING RAMP. PROVIDE COMPLETE PENETRATION SPLICE AT KINK.
24. V.I.F. EXISTING STEEL BEAM TO STEEL BEAM AND STEEL COLUMN CONNECTIONS. REINFORCE CONNECTIONS AS REQUIRED. SEE DETAIL 42/S-203.
25. ALTERNATIVELY SHORE EXISTING BEAMS AND REPLACE WITH WIDE FLANGE BEAM.
26. NEW STAIR LANDING SUPPORTED BY REINFORCED CONCRETE WALLS BELOW.

FRAMING PLAN LEGEND:

- SLAB STEP
- BEAM SPLICE
- DIRECTION OF DECK SPAN
- MOMENT CONNECTION
- [XXX'-XX"] INDICATES BEAM TOP OF STEEL ELEVATION U.N.O.
- XXX'-XX" DECK BEARING ELEVATION
- EP-5 EMBED PLATE MARK, SEE TYPICAL DETAIL



0 4' 8' 16'
SCALE: 1/8"=1'-0"

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700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzf.com

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

SECTOR 4 - LEVEL 600 AND 650 FRAMING PLANS

DRAWING NUMBER ISSUE
S-104 2

SECTOR 4 - T/STRUCTURAL SLAB = 589'-2"± U.N.O.

1 S-105 LEVEL 700 FRAMING PLAN

1/8" = 1'-0"

SECTOR 4

2 S-105 LEVEL 750 FRAMING PLAN

1/8" = 1'-0"

DRAWING NOTES:

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KEY NOTES:

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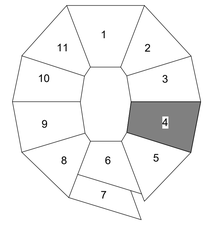

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SCALE: 1/8"=1'-0"

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STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED
PROFESSIONAL ENGINEER
4/28/26

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

SECTOR 4 - LEVEL 700 AND 750 FRAMING PLAN

DRAWING NUMBER	ISSUE
S-105	2

SECTOR 9 - T/SLAB = 501'-6"± U.N.O.

1 S-106 LEVEL 200 FRAMING PLAN

1/8" = 1'-0"


Q
P
L.8
L
41.2
41
40.5
40
40.1
39.5
39
39.1
38.3
38
E1 TYP
E2
E3 TYP
E5 TYP
E7 TYP
E8 TYP
W14X22 V=45
W14X30 V=40
W14X43 V=20
W14X61 V=20
W18X71 V=70
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W21X44 V=100
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39.1
38.3
38
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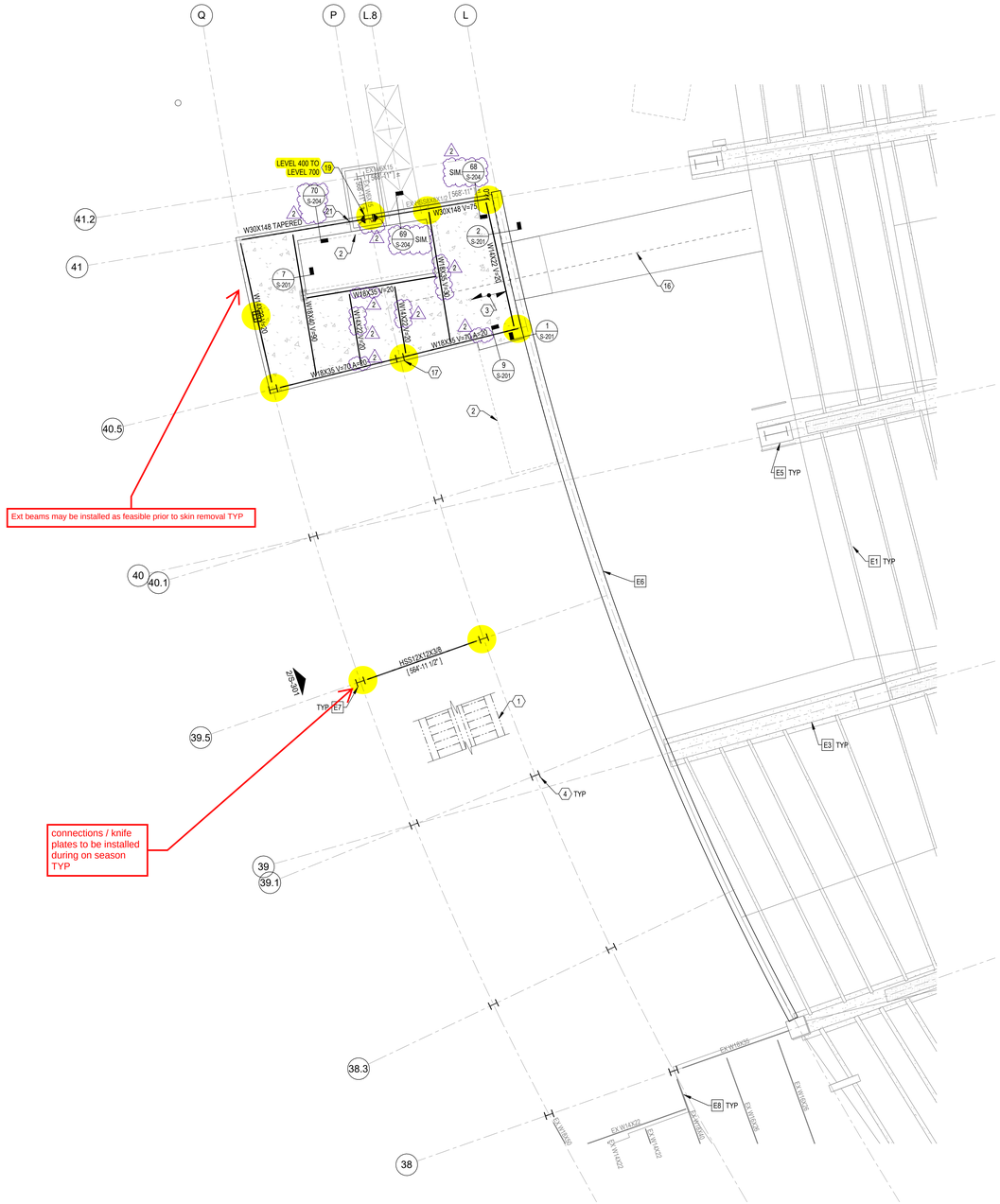
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L
41.2
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19
70 S-204
68 S-204
SIM
69 S-204
SIM
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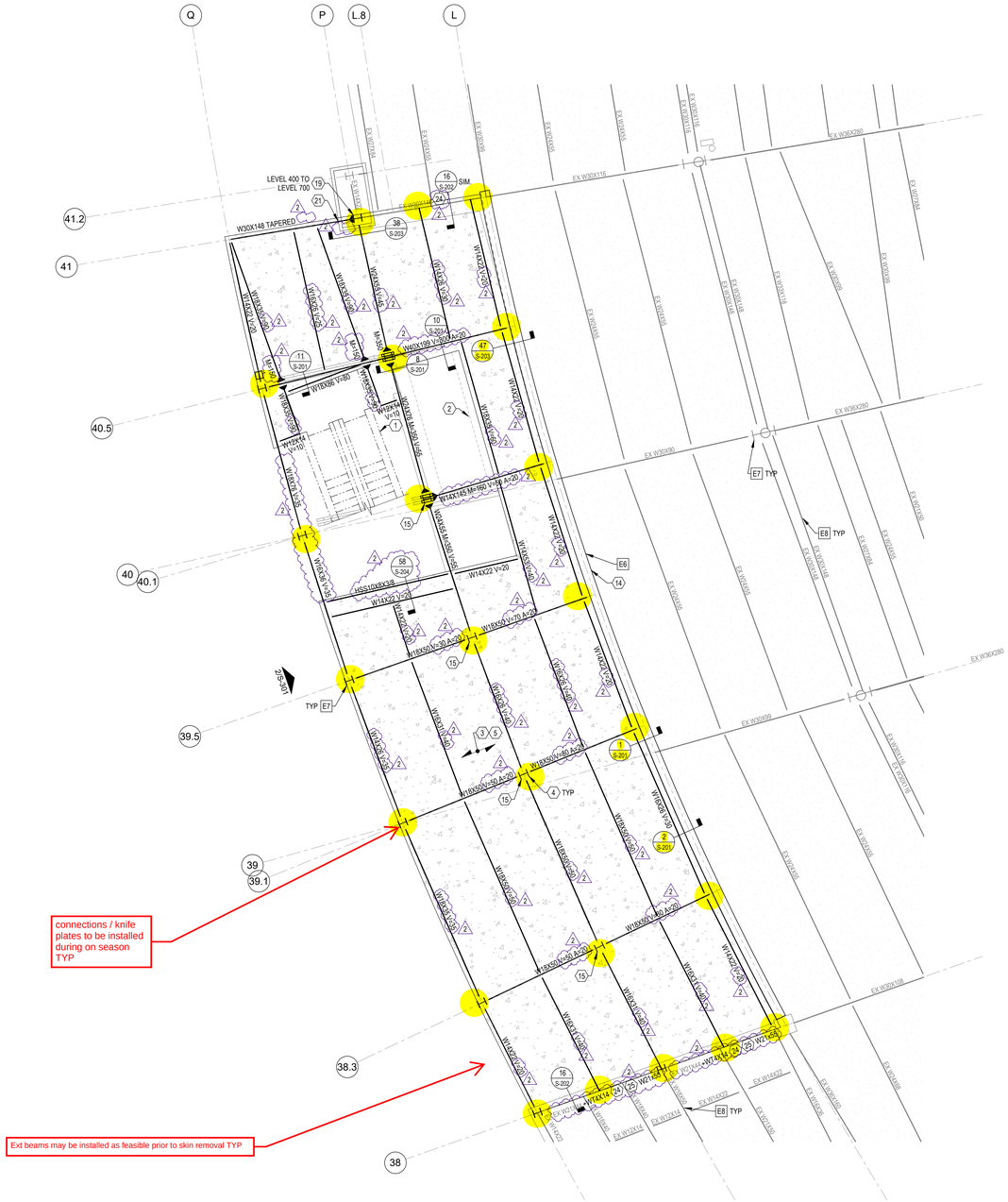
W12X26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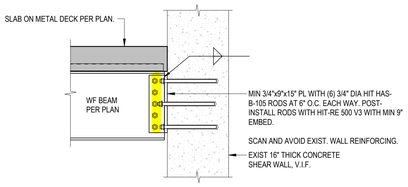
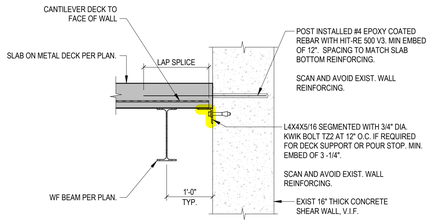


NEW STEEL BEAM TO EXISTING CONCRTE WALL

1 S-201 SECTION

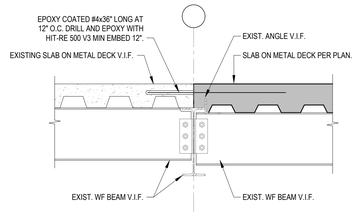
3/4" = 1'-0"



NEW SLAB TO EXISTING CONCRETE WALL

2 S-201 SECTION

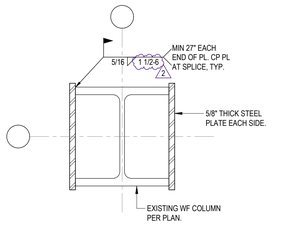
3/4" = 1'-0"



NEW SLAB TO EXISTING SLAB

3 S-201 SECTION

3/4" = 1'-0"



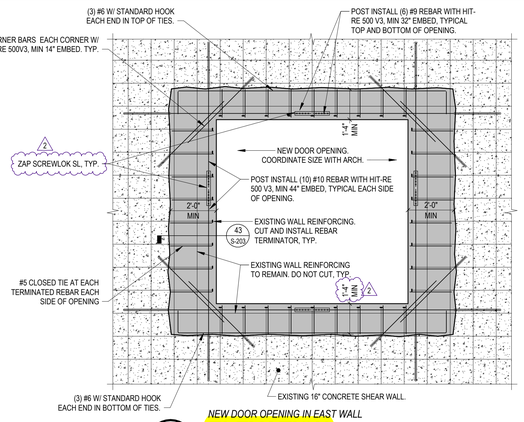
EXISTING COLUMN REINFORCING

4 S-201 PLAN DETAIL

1 1/2" = 1'-0"

backside may have to be done during off season

Stl contractor to provide small plates / multiple splices as neccessary to facility install ass much as posible

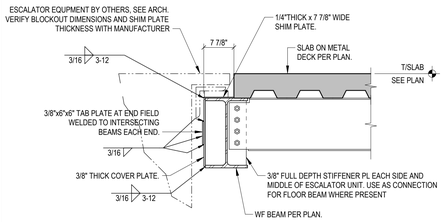


NEW DOOR OPENING IN EAST WALL

5 S-201 ELEVATION

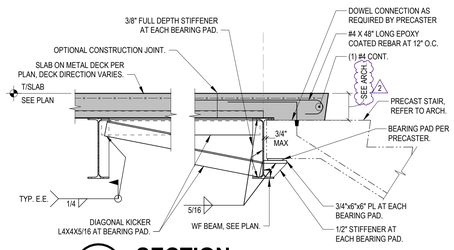
3/8" = 1'-0"

demo contractor to provide weather tight removable wood 2x4 @16" oc with plywood on both side to secure opening during season.



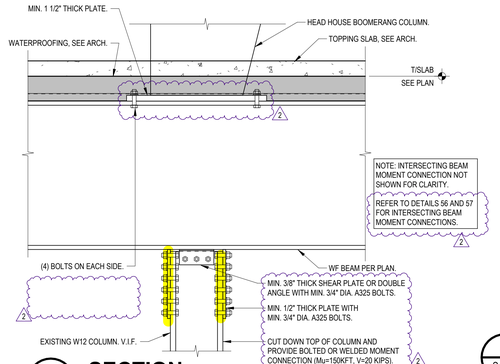
6 S-201 SECTION

3/4" = 1'-0"



7 S-201 SECTION

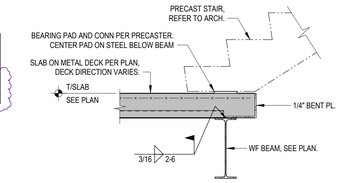
3/4" = 1'-0"



8 S-201 SECTION

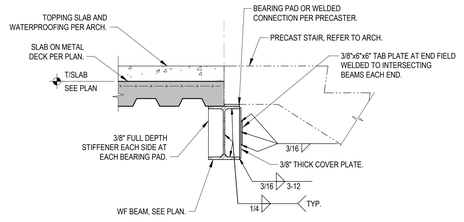
3/4" = 1'-0"

stl contractor to prep for moment connection during on season



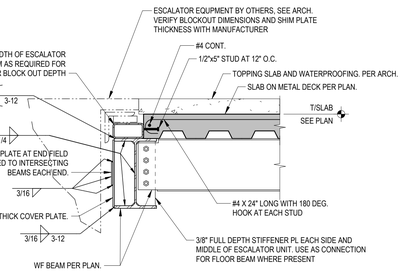
9 S-201 SECTION

3/4" = 1'-0"



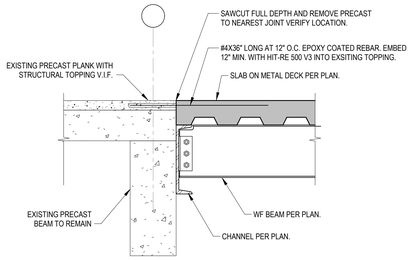
10 S-201 SECTION

3/4" = 1'-0"



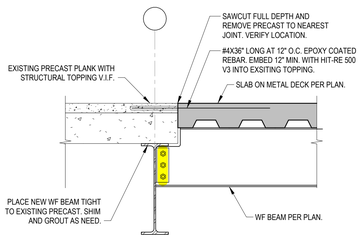
11 S-201 SECTION

3/4" = 1'-0"



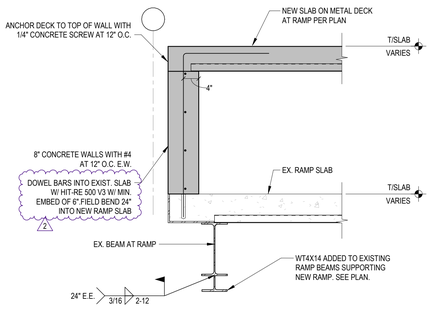
12 S-201 SECTION

3/4" = 1'-0"



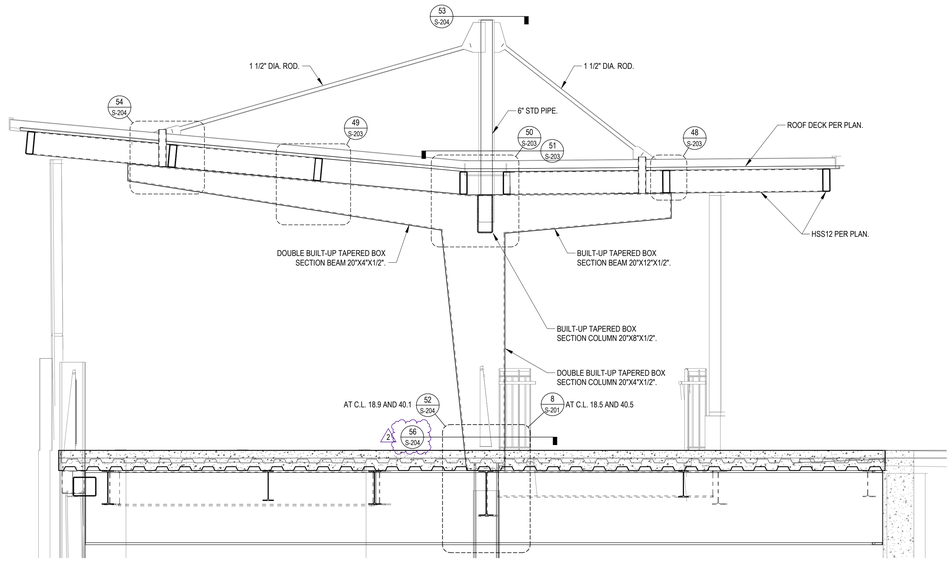
13 S-201 SECTION

3/4" = 1'-0"



14 S-201 SECTION

3/4" = 1'-0"



15 S-201 SECTION

3/8" = 1'-0"

NO.	DATE	DESCRIPTION
1	4/17/2026	STRUCTURAL AND DEMOLITION PACKAGE
2	4/28/2026	ADDENDUM 01

Hamilton County OHIO

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1 Paycor Stadium, Cincinnati, OH 45202, United States

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Cincinnati, OH 45202

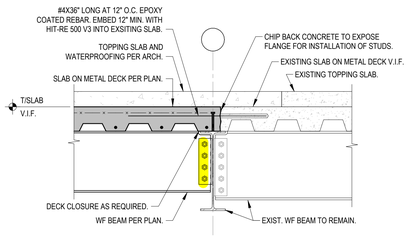
main 513.621.6211
kzf.com

STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED
PROFESSIONAL ENGINEER

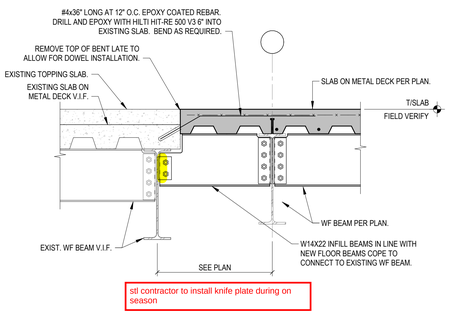
DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

FRAMING DETAILS

DRAWING NUMBER **S-201** ISSUE **2**

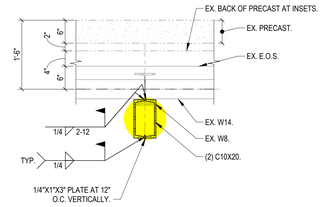


16 S-202 **SECTION**
3/4" = 1'-0"

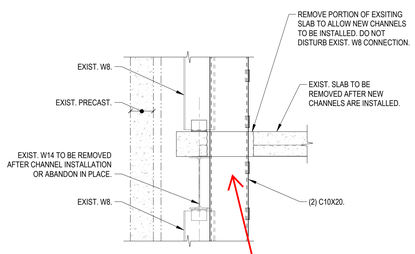


stl contractor to install knife plate during on season

17 S-202 **SECTION**
3/4" = 1'-0"



18 S-202 **SECTION**
3/4" = 1'-0"

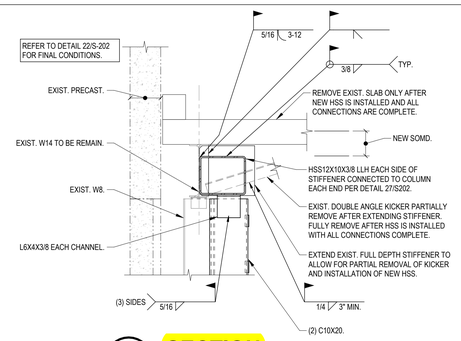


stl contractor to lay out holes needed

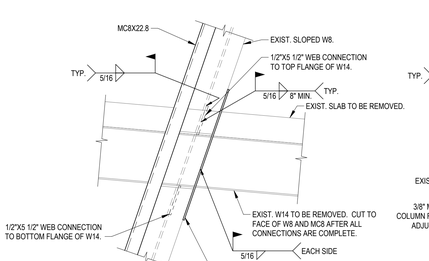
demo contractor to demo holes and provide hole protection until stl contractor installs steel

stl contractor to provide temporary secured hole proteciton (min 3/4" plywood with edges chamfered) to protect pubic holes after steel install

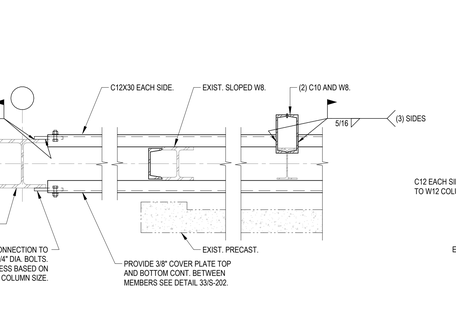
19 S-202 **SECTION**
3/4" = 1'-0"



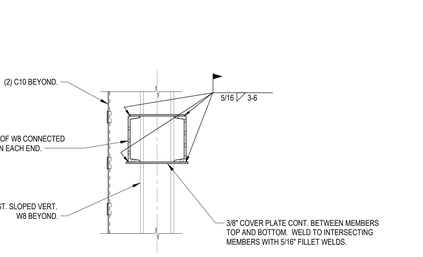
20 S-202 **SECTION**
3/4" = 1'-0"



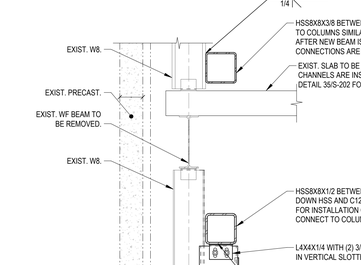
21 S-202 **SECTION**
3/4" = 1'-0"



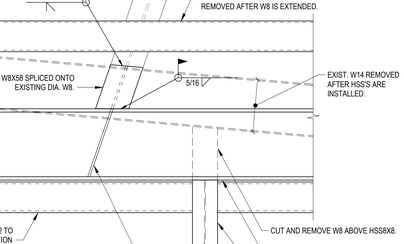
22 S-202 **SECTION**
3/4" = 1'-0"



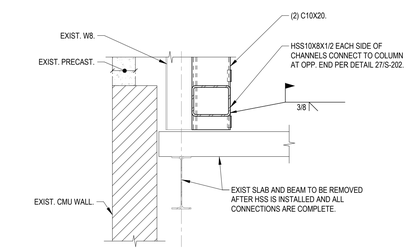
23 S-202 **SECTION**
3/4" = 1'-0"



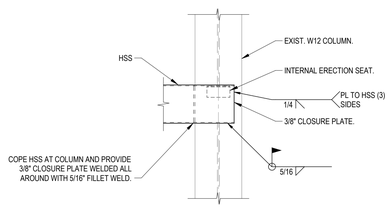
24 S-202 **SECTION**
3/4" = 1'-0"



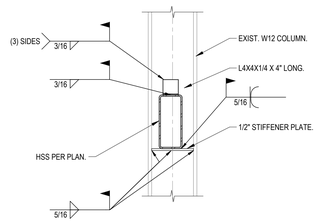
25 S-202 **SECTION**
3/4" = 1'-0"



26 S-202 **SECTION**
3/4" = 1'-0"



27 S-202 **SECTION**
3/4" = 1'-0"

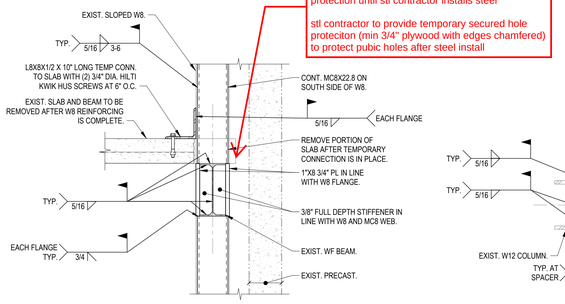


28 S-202 **SECTION**
3/4" = 1'-0"

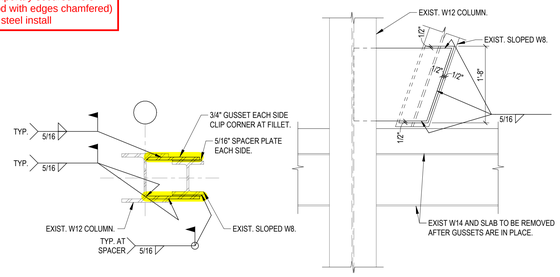
stl contractor to lay out holes needed

demo contractor to demo holes and provide hole protection unitl stl contractor installs steel

stl contractor to provide temporary secured hole proteciton (min 3/4" plywood with edges chamfered) to protect pubic holes after steel install



29 S-202 **SECTION**
3/4" = 1'-0"



30 S-202 **SECTION**
3/4" = 1'-0"

31 S-202 **SECTION**
3/4" = 1'-0"

32 S-202 **SECTION**
3/4" = 1'-0"

33 S-202 **SECTION**
3/4" = 1'-0"

34 S-202 **SECTION**
3/4" = 1'-0"

35 S-202 **SECTION**
3/4" = 1'-0"

NO.	DATE	DESCRIPTION
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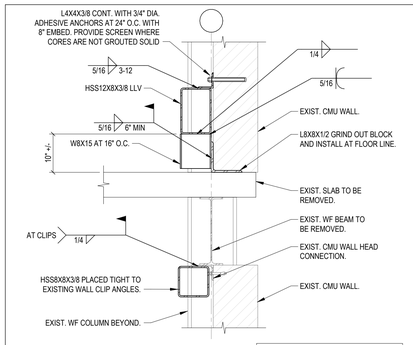
STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED
PROFESSIONAL ENGINEER

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

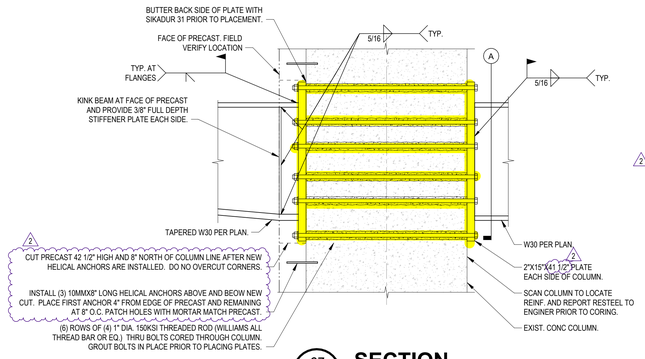
FRAMING DETAILS

DRAWING NUMBER **S-202** ISSUE **1**

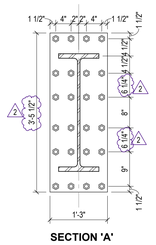


NOTE: CONNECT HSS MEMBERS TO COLUMNS EACH END SIMILAR TO 27/S-202

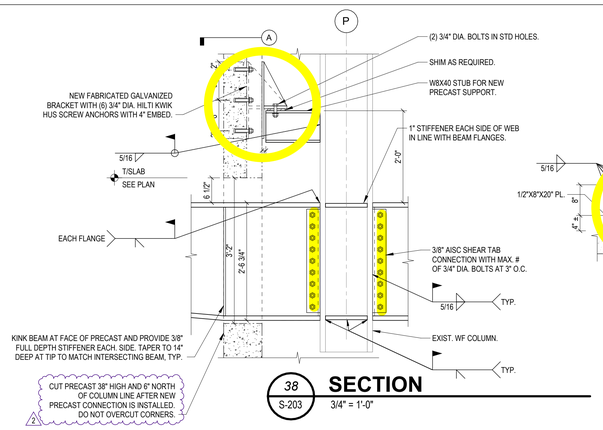
36 S-203 **SECTION**
3/4" = 1'-0"



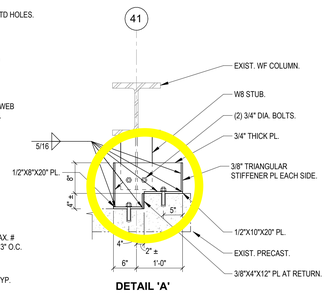
37 S-203 **SECTION**
3/4" = 1'-0"



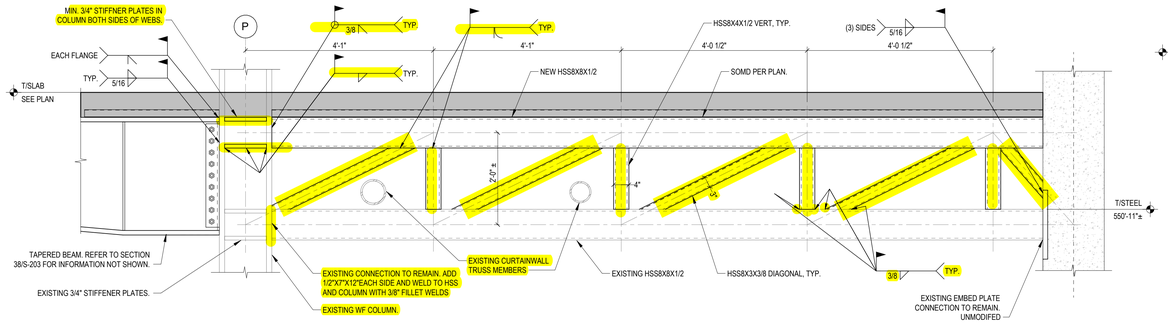
SECTION 'A'



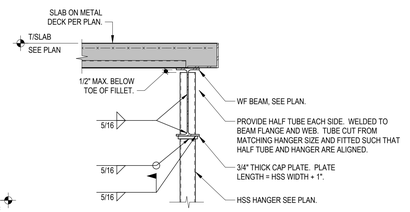
38 S-203 **SECTION**
3/4" = 1'-0"



DETAIL 'A'



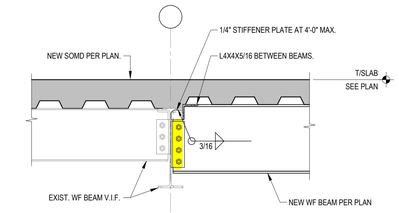
39 S-203 **SECTION**
3/4" = 1'-0"



NOTE: USE SIMILAR DETAIL FOR POST SUPPORTED ON BEAM. FINISH POST END AND BASE PLATE PER AISC REQUIREMENTS. FIT BASE PLATE TO BEAR.

HANGER TO BEAM CONNECTION

40 S-203 **DETAIL**
3/4" = 1'-0"



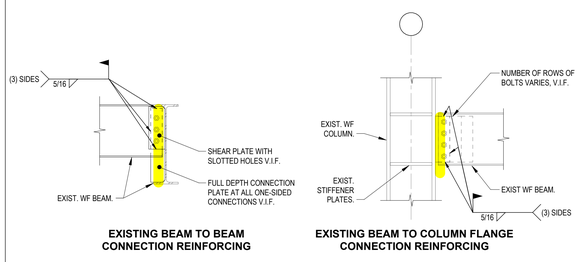
Connections / angles to be installed to fullest extent possible during on season

Demo contractor to take care not to damage during demo

Stl contractor to provide temporary public protection consisting of rigid foam of any elements below 8-0 from walking surface that may be stuck by the public

METAL DECK SUPPORT AT BEAMS WITH DIFFERENT ELEVATIONS

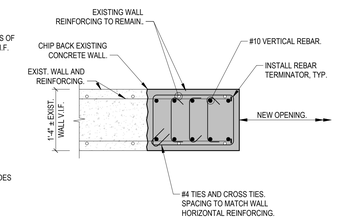
41 S-203 **DETAIL**
3/4" = 1'-0"



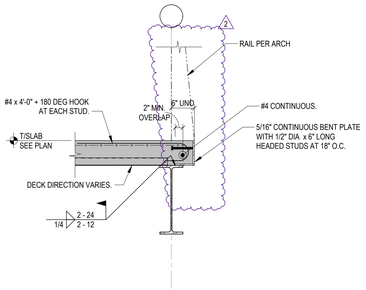
EXISTING BEAM TO BEAM CONNECTION REINFORCING

EXISTING BEAM TO COLUMN FLANGE CONNECTION REINFORCING

42 S-203 **DETAIL**
3/4" = 1'-0"

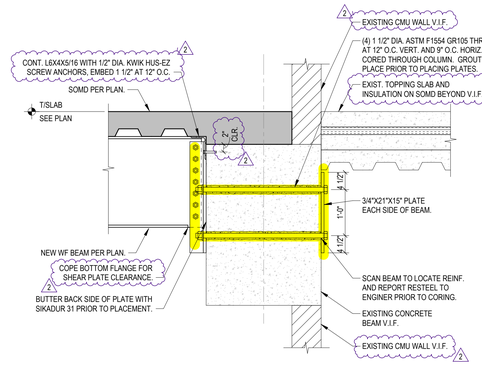


43 S-203 **DETAIL**
3/4" = 1'-0"

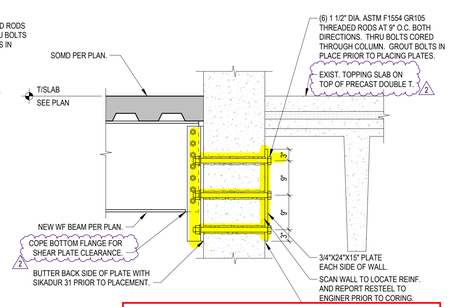


TYPICAL SLAB EDGE

44 S-203 **DETAIL**
3/4" = 1'-0"



45 S-203 **SECTION**
3/4" = 1'-0"

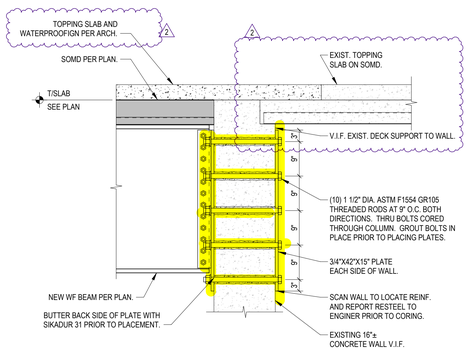


Connections / angles to be installed to fullest extent possible during on season

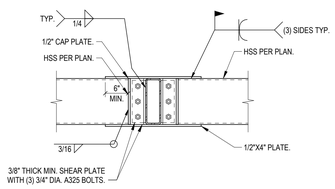
Demo contractor to take care not to damage during demo

Stl contractor to provide temporary public protection consisting of rigid foam of any elements below 8-0 from walking surface that may be stuck by the public

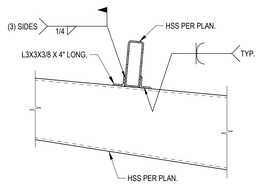
46 S-203 **SECTION**
3/4" = 1'-0"



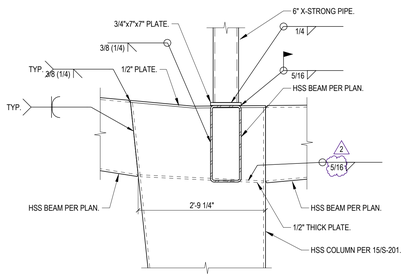
47 S-203 **SECTION**
3/4" = 1'-0"



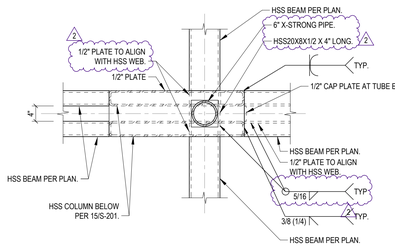
48 S-203 **SECTION**
3/4" = 1'-0"



49 S-203 **SECTION**
3/4" = 1'-0"



50 S-203 **SECTION**
3/4" = 1'-0"



51 S-203 **PLAN DETAIL**
3/4" = 1'-0"

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DESIGNED	COMM. NO.
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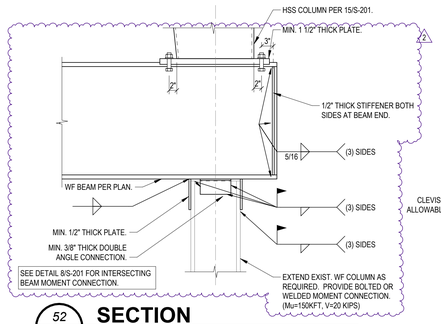
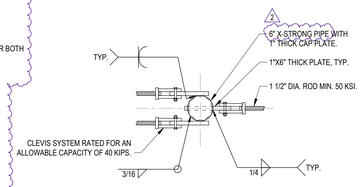
CHECKED	PROJ. MGR.
J. Jones	L. Wang

FRAMING DETAILS

DRAWING NUMBER ISSUE
S-203 2

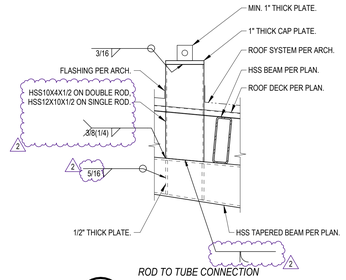


52 S-204 **SECTION** 3/4" = 1'-0"



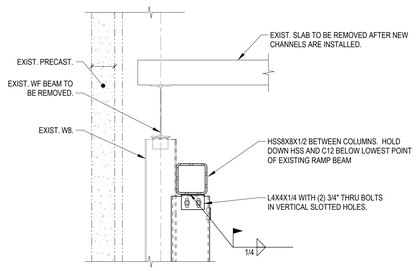
ROD TO PIPE CONNECTION

53 S-204 **PLAN DETAIL** 3/4" = 1'-0"



ROD TO TUBE CONNECTION

54 S-204 **SECTION** 3/4" = 1'-0"



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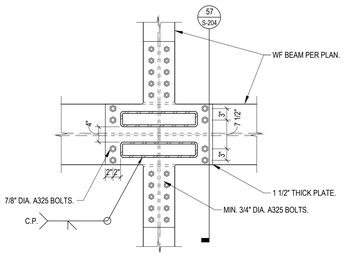

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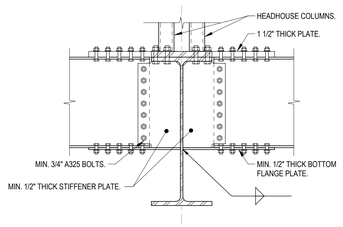

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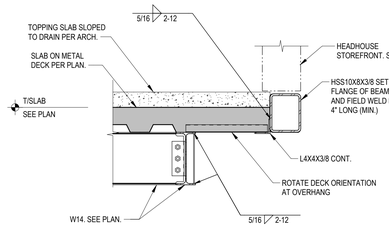

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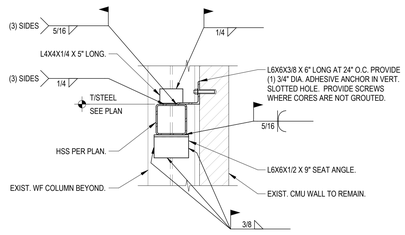

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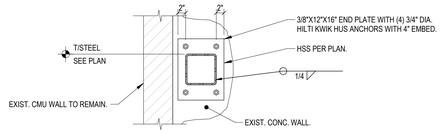

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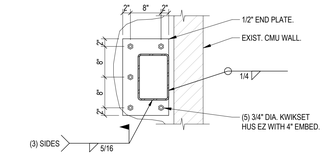

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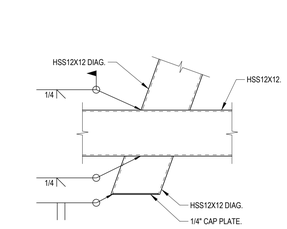

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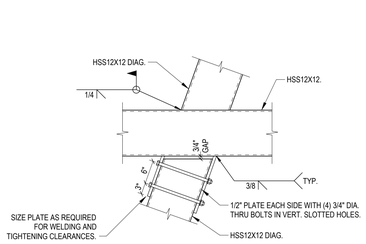

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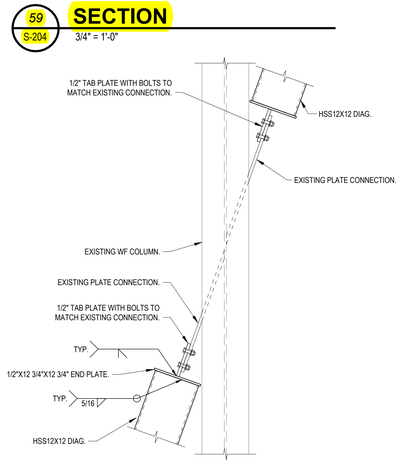

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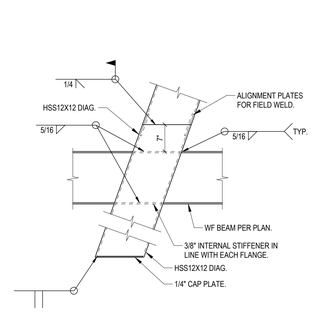

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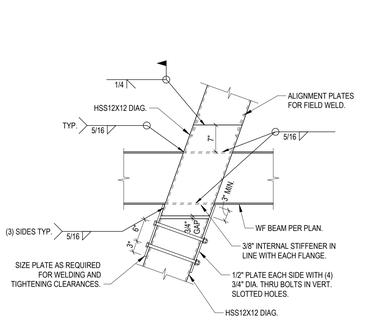

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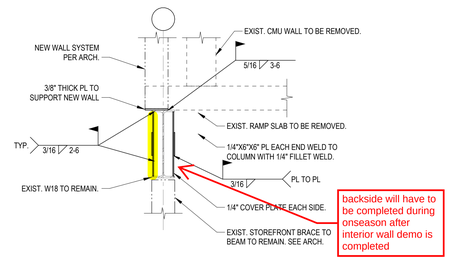

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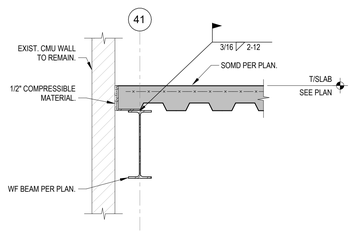

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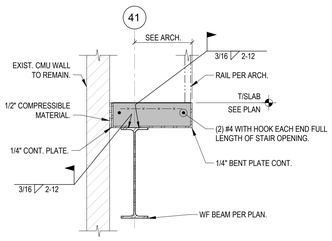

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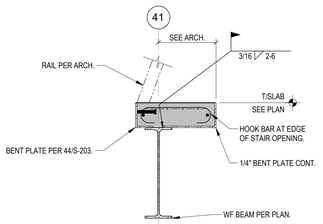
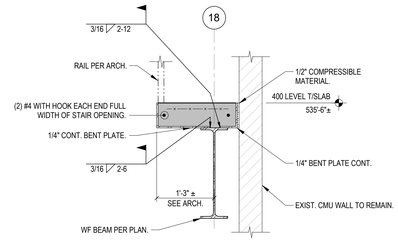


70 S-204 **SECTION** 3/4" = 1'-0"



71 S-204 **SECTION** 3/4" = 1'-0"

NO.	DATE	DESCRIPTION
1	4/17/2026	STRUCTURAL AND DEMOLITION PACKAGE
2	4/28/2026	ADDENDUM 01

Hamilton County OHIO

Paycor Stadium - Southeast/Southwest Escalator Tower

1 Paycor Stadium, Cincinnati, OH 45202, United States

KZF DESIGN
Designing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

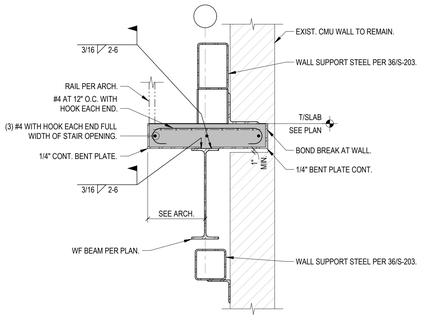
main 513.621.6211
kzf.com

STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED
PROFESSIONAL ENGINEER
4/28/26

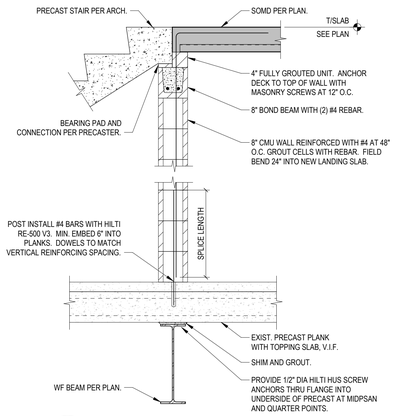
DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

FRAMING DETAILS

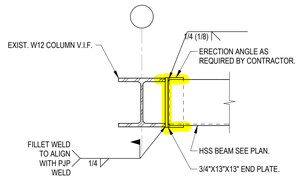
DRAWING NUMBER **S-204** ISSUE **2**



72 S-205 **SECTION**
3/4" = 1'-0"



73 S-205 **SECTION**
3/4" = 1'-0"



PERIMETER HSS GIRT TO COLUMN

74 S-205 **SECTION**
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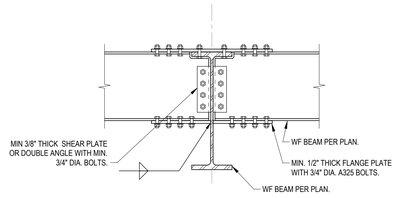
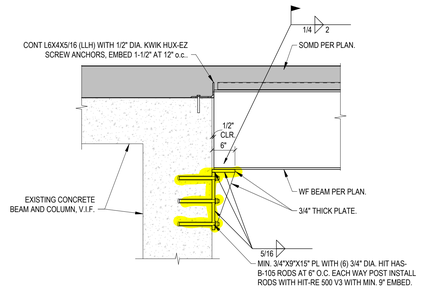


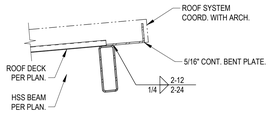
MOMENT CONNECTION AT ESCALATOR CANTILEVER

75 S-205 **SECTION**
3/4" = 1'-0"



SEATED BEAM

76 S-205 **SECTION**
3/4" = 1'-0"



HEADHOUSE ROOF EDGE

77 S-205 **SECTION**
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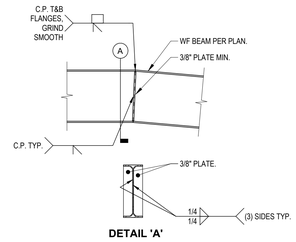


DETAIL 'A'

78 S-205 **SECTION**
3/4" = 1'-0"

NO.	DATE	DESCRIPTION
2	4/29/2026	ADDENDUM 01

Hamilton County OHIO

Paycor Stadium - Southeast/Southwest Escalator Tower

1 Paycor Stadium, Cincinnati, OH 45202, United States

KZF DESIGN
Designing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

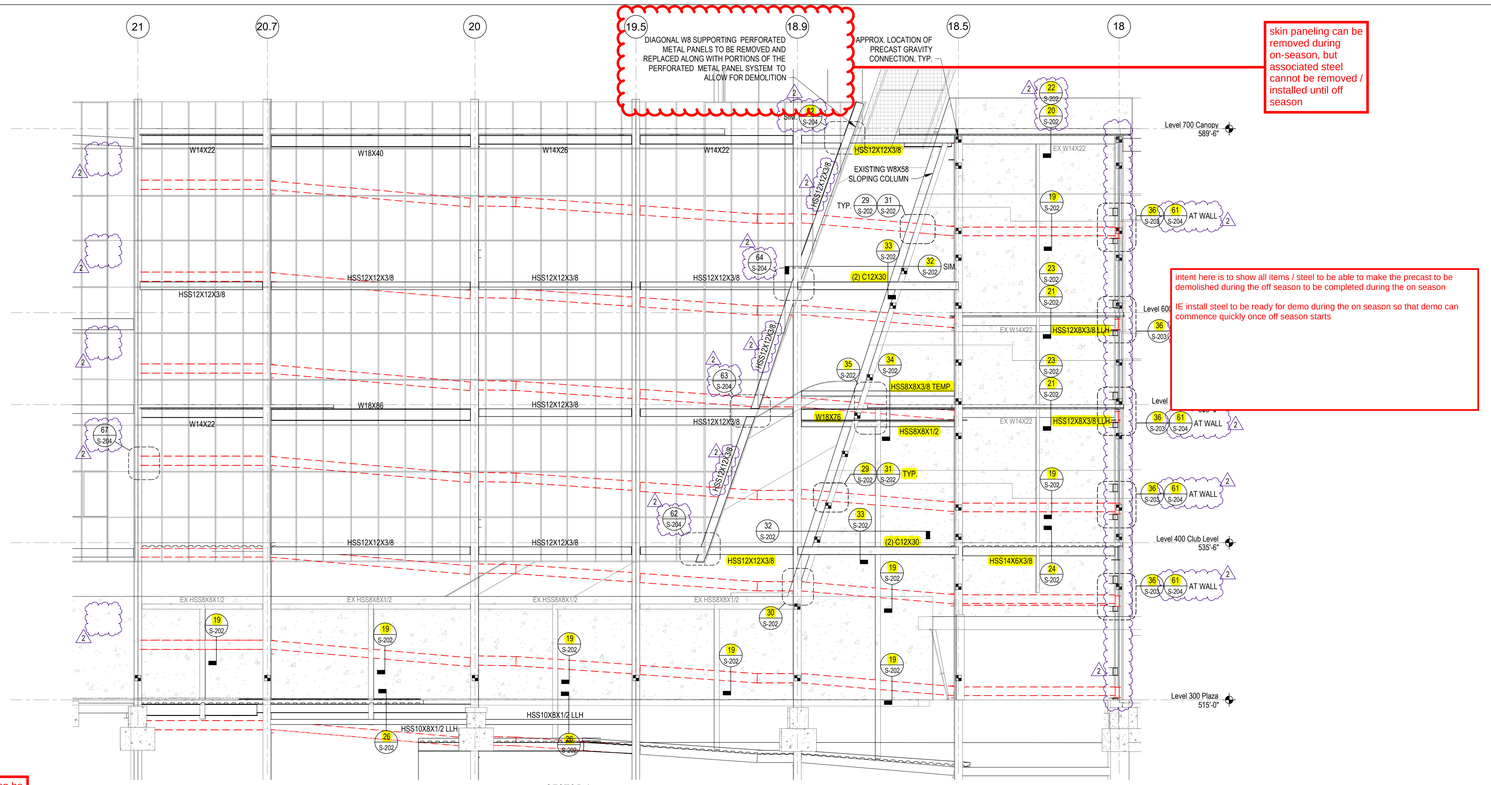
main 513.621.6211
kzf.com

STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED
PROFESSIONAL ENGINEER
4/29/26

DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/24/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

FRAMING DETAILS

DRAWING NUMBER: S-205 ISSUE: 2

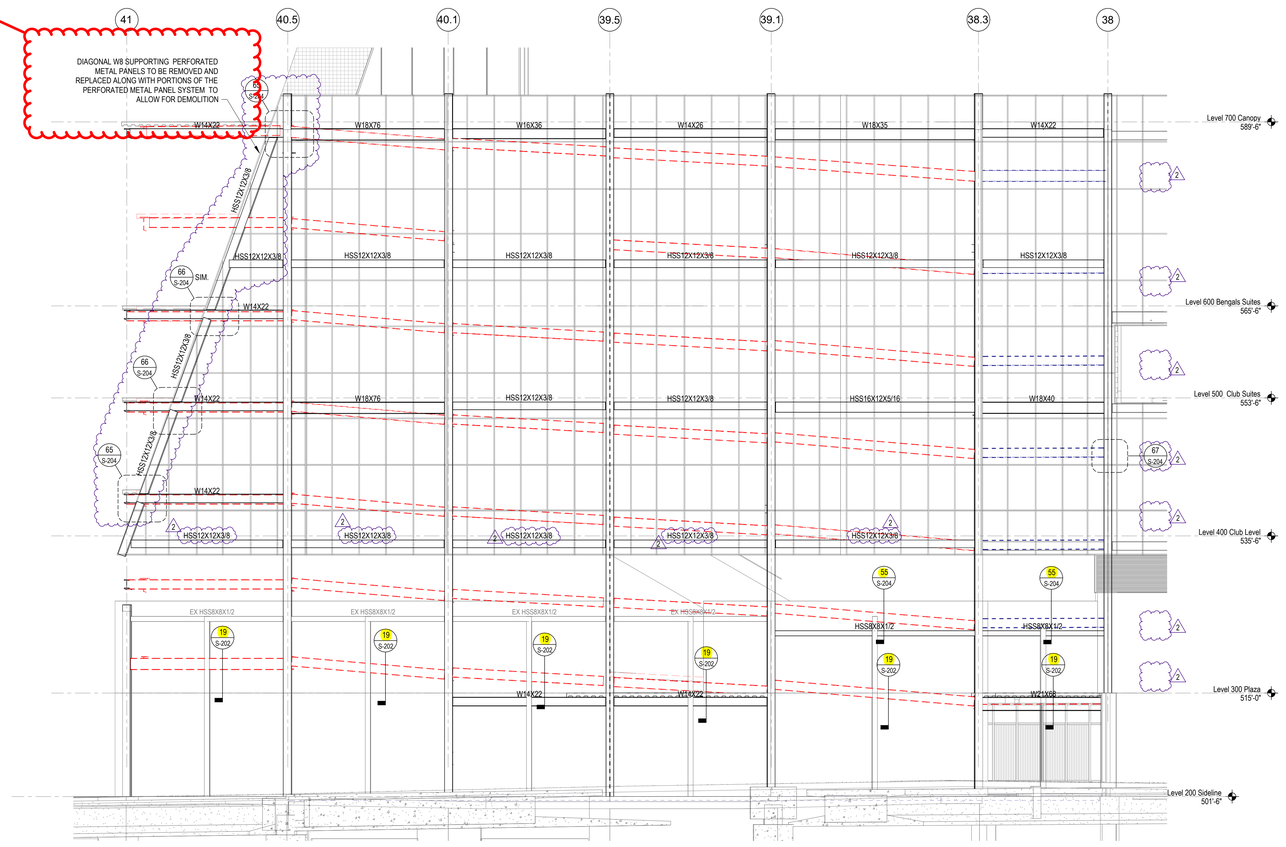


SECTOR 4

1 / S-301 FRAMING ELEVATION

1/8" = 1'-0"

skin paneling can be removed On Season, but associated steel cannot be removed / installed until off season



SECTOR 9

2 / S-301 FRAMING ELEVATION

1/8" = 1'-0"

NO.	DATE	DESCRIPTION
1	4/17/2026	STRUCTURAL AND DEMOLITION PACKAGE
2	4/28/2026	ADDENDUM 01

Hamilton County OHIO

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1 Paycor Stadium, Cincinnati, OH 45202, United States

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STATE OF OHIO
JASON M. JONES
E-66114
REGISTERED PROFESSIONAL ENGINEER
4/28/2026

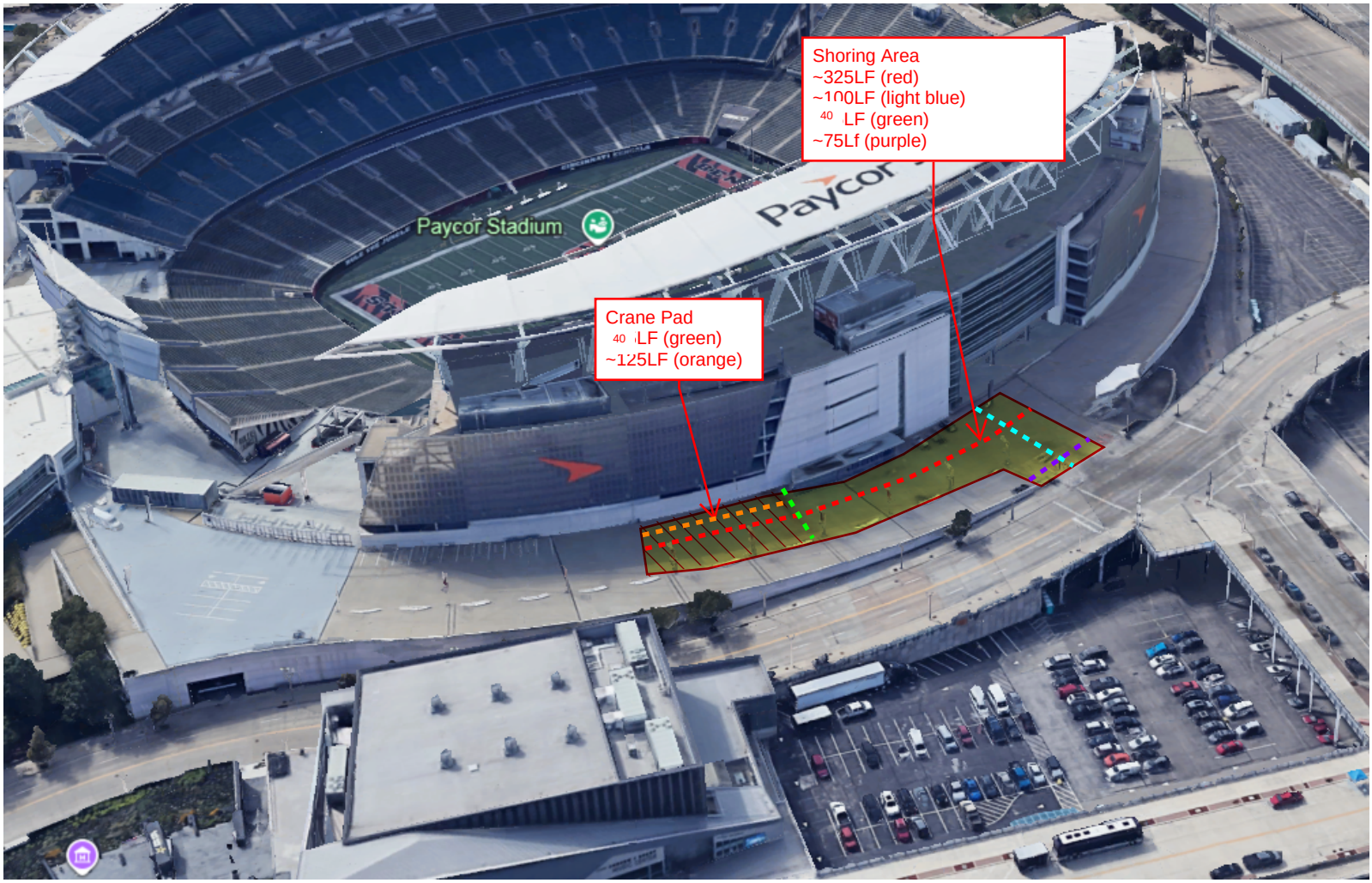
DESIGNED	COMM. NO.
M. Hall	8445.01
DRAWN	DATE
J. Holman	04/17/26
CHECKED	PROJ. MGR.
J. Jones	L. Wang

FRAMING ELEVATIONS

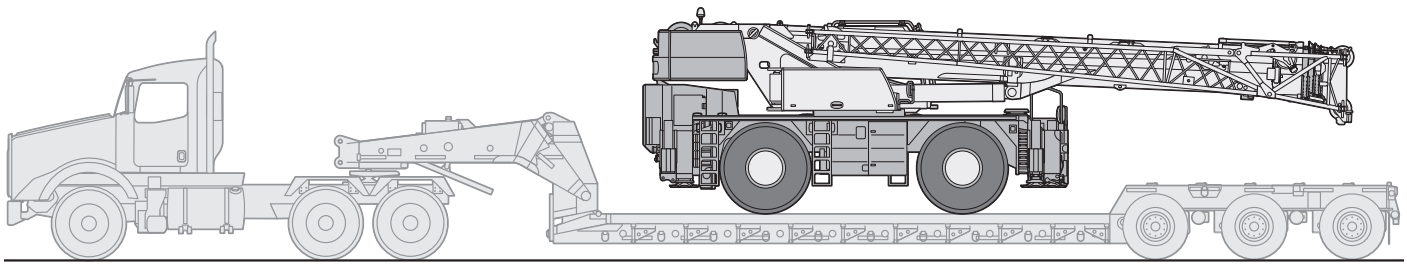
DRAWING NUMBER	ISSUE
S-301	2

East Shoring & Crane Pad Areas

Crane pad width and shoring route
width revised from 75'-0 to 40'-0



Transportation
Transport



US3092

Basic unit/Machine de base

Without ballast, inclusive auxiliary winch, boom nose, boom position at -2.5° Sans lest, avec treuil auxiliaire, poulie en extrémité de mât, Position de la flèche à -2,5°	Total weight Poids total	1	2
	85,878 lbs	57,223 lbs	28,655 lbs

All weights are to be understood with a difference of ±2.5 %/Tous les poids sont indiqués avec une différence de ±2,5 %

Crane superstructure/ Partie tournante

	+26,455 lbs	-8,565 lbs	+35,020 lbs
Hydraulic ballasting device Dispositif de lestage hydraulique	+915 lbs	+1,122 lbs	-207 lbs

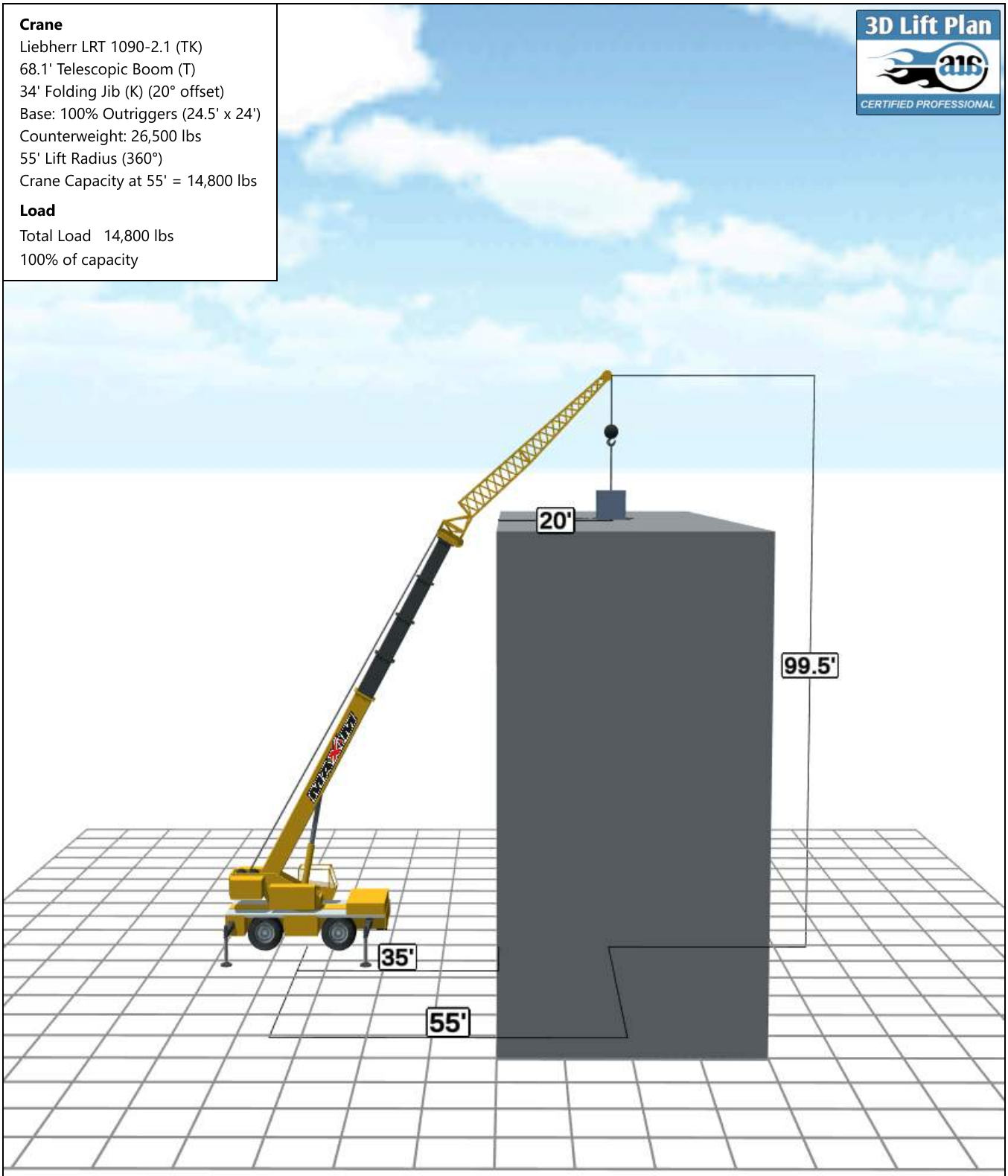
Working attachement/Equipement de travail

*)		+3,452 lbs	+5,692 lbs	-2,240 lbs
198,416 lbs		+1,676 lbs	+1,991 lbs	-315 lbs
142,419 lbs		+1,169 lbs	+1,387 lbs	-218 lbs
93,256 lbs		+992 lbs	+1,177 lbs	-185 lbs
41,226 lbs		+662 lbs	+785 lbs	-123 lbs
13,889 lbs		+309 lbs	+366 lbs	-57 lbs

* Transportation position/Position de transport

Crane
Liebherr LRT 1090-2.1 (TK)
68.1' Telescopic Boom (T)
34' Folding Jib (K) (20° offset)
Base: 100% Outriggers (24.5' x 24')
Counterweight: 26,500 lbs
55' Lift Radius (360°)
Crane Capacity at 55' = 14,800 lbs

Load
Total Load 14,800 lbs
100% of capacity



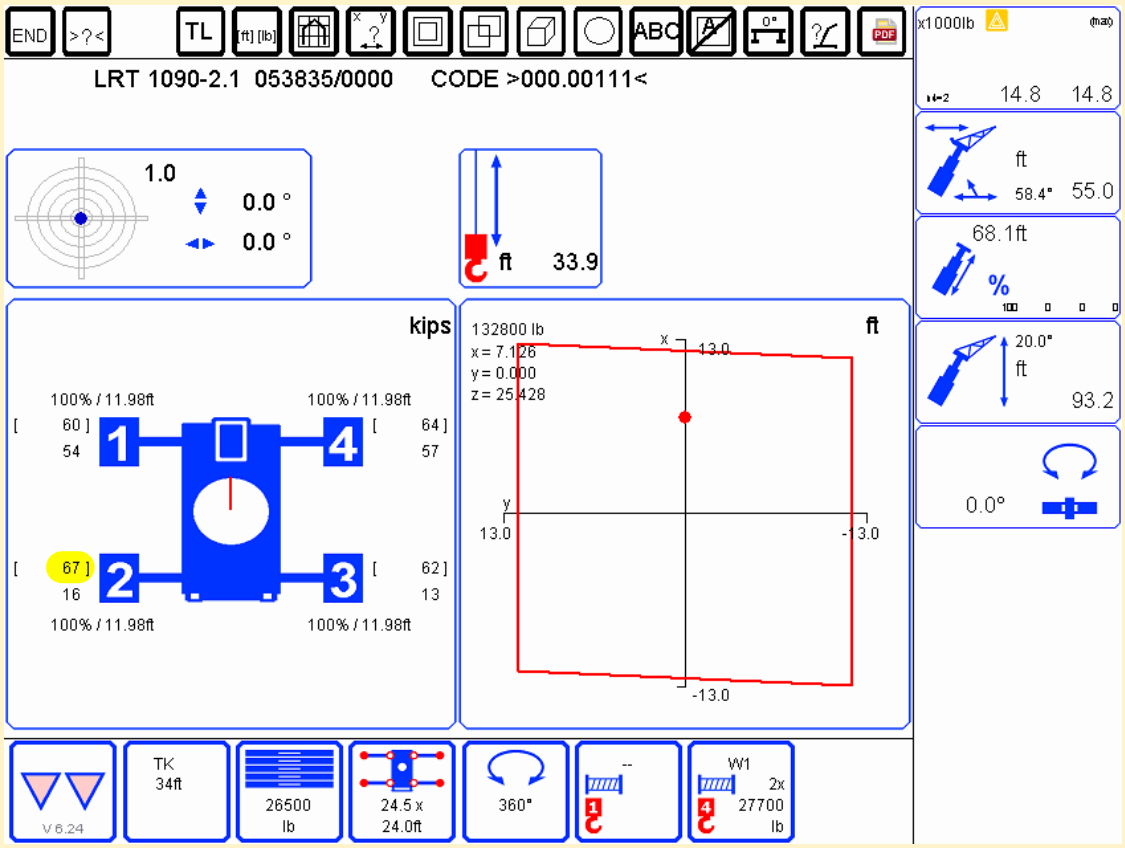
NOT ISSUED FOR CONSTRUCTION
Not issued for construction. For pre-planning only.

PLAN FOR GBP WORST CASE REASONS ONLY

MAXIM Crane Works, L.P.

Title	Lift Plan
Project	East side Paycore
Customer	Messer
Description	
Drawn By	1/22/2026

Created with 3D Lift Plan *www.3dliftplan.com* *Grid: 10' x 10'*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ft 33.9
kips
100% / 11.98ft
100% / 11.98ft
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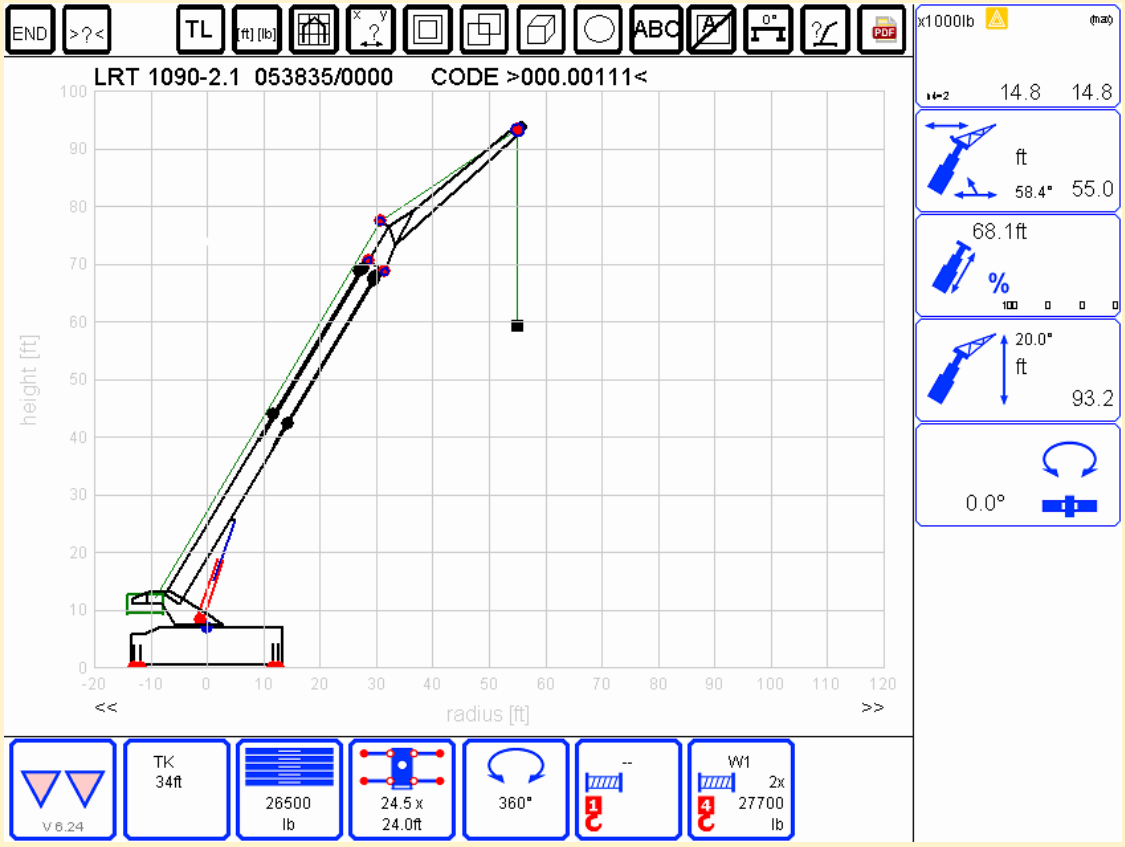
54
[64]
57
[67]
16
[62]
13
100% / 11.98ft
100% / 11.98ft
132800 lb
x = 7.126
y = 0.000
z = 25.428
ft
13.0
-13.0
13.0
-13.0
x1000lb
14.8 14.8
ft
58.4° 55.0
68.1ft
%
20.0°
ft
93.2
0.0°
V 6.24
TK
34ft
26500
lb
24.5 x
24.0ft
360°
W1
2x
27700
lb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radius [ft]
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x1000lb
14.8 14.8
ft
58.4° 55.0
68.1ft
%
20.0°
ft
93.2
0.0°
V 6.24
TK
34ft
26500
lb
24.5 x
24.0ft
360°
W1
2x
27700
lb

Ground Bearing Pressure
Below the Outrigger Pad Calc

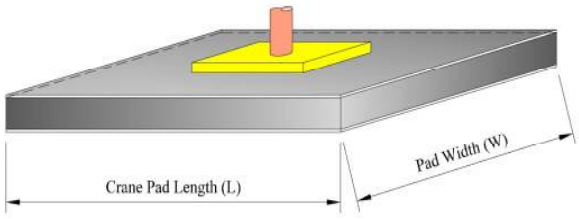
Description of Lift

360 Degree Swing Outrigger Load

Project	**55 ft. radius w/ jib**
Client	
Rev	
Prepared	**DJC**
Date	**1/22/2026**
Job number	

Crane & Lift Details:

Crane Type	**Liebherr LRT1090-2.1**	
Crane Counterweight	**26,500**	lbs
Superlift attached	**no**	
Outrigger position	**Fully Extended**	
Main Boom Length	**68.1**	feet
Jib Type (Fixed or Luffing)	**Fixed @ 20 deg.**	
Jib Length	**34**	feet
Lift Weight	**14,800**	lbs
Lift Radius	**55**	feet
Allowable Boom Swing	**360**	degrees
Maximum Outrigger Load - "P"	**67,000**	lbs



Outrigger Mat Pad Details:

Rectangular

Outrigger Mat Pad		
Pad Material =	**Steel Pad / Mat**	
Is this the Outrigger Float?	**no**	
Pad Length (L) =	**6.00**	feet
Pad Width (W) =	**6.00**	feet

Results:

Determine GBP 'q' below crane Mat Pad

$$q = \frac{\text{Outrigger Load}}{W * L}$$

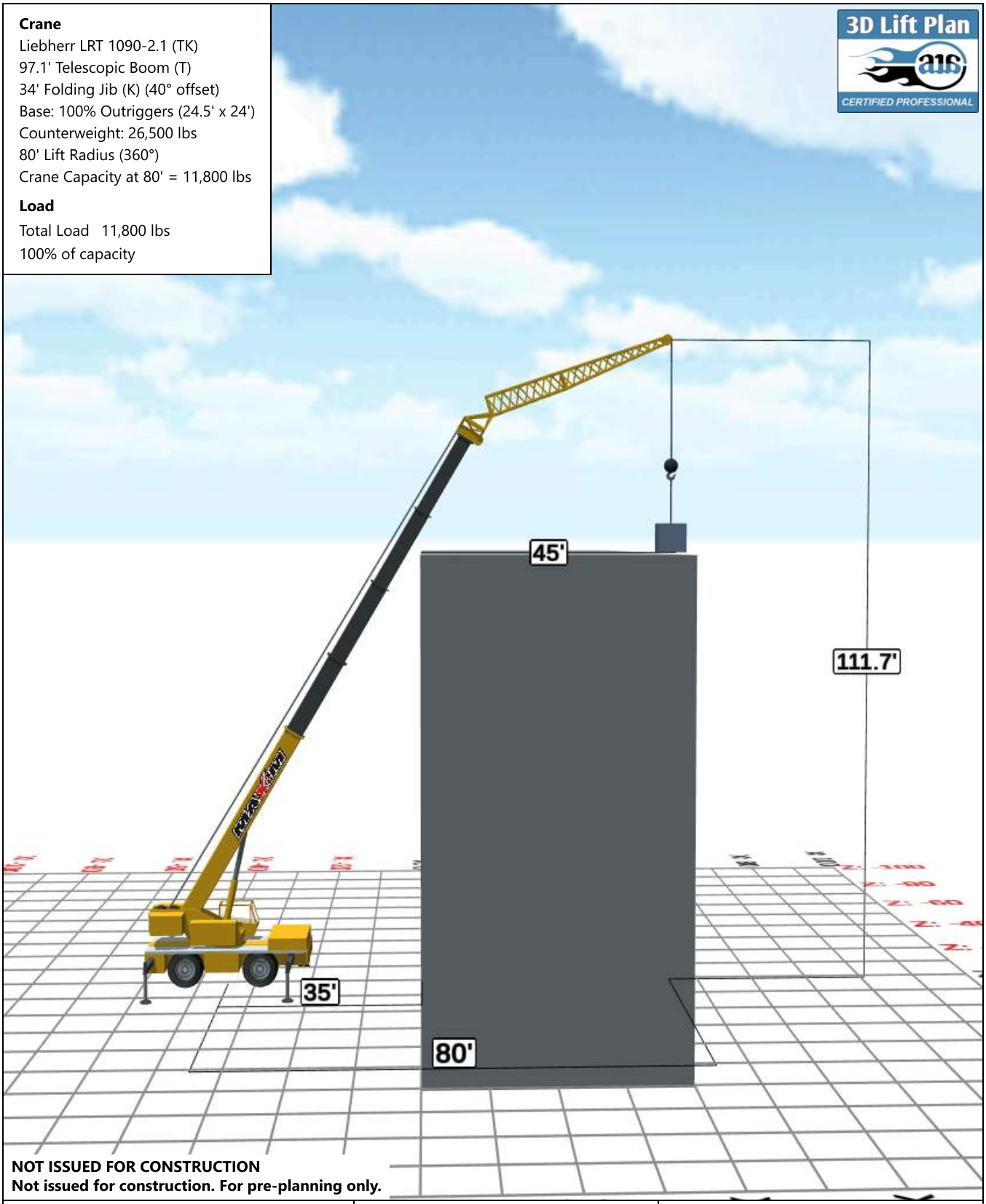
1,861	psf	GBP By Crane
100	psf	+ Crane Outrigger Mat Pad Weight
1,961	**psf**	**Ground Bearing Pressure**

Notes:

1. The ability of the ground to support the crane is critical. The controlling entity shall verify the current ground conditions are able to support the loads provided for the assist crane in accordance with OSHA 1926-1400.
2. If an outrigger mat pad is not used then the dimensions of the outrigger pontoon shall be used.
3. The calculations performed assume the outrigger is centered on the pad.

Crane
Liebherr LRT 1090-2.1 (TK)
97.1' Telescopic Boom (T)
34' Folding Jib (K) (40° offset)
Base: 100% Outriggers (24.5' x 24')
Counterweight: 26,500 lbs
80' Lift Radius (360°)
Crane Capacity at 80' = 11,800 lbs

Load
Total Load 11,800 lbs
100% of capacity



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Project	East side Paycore
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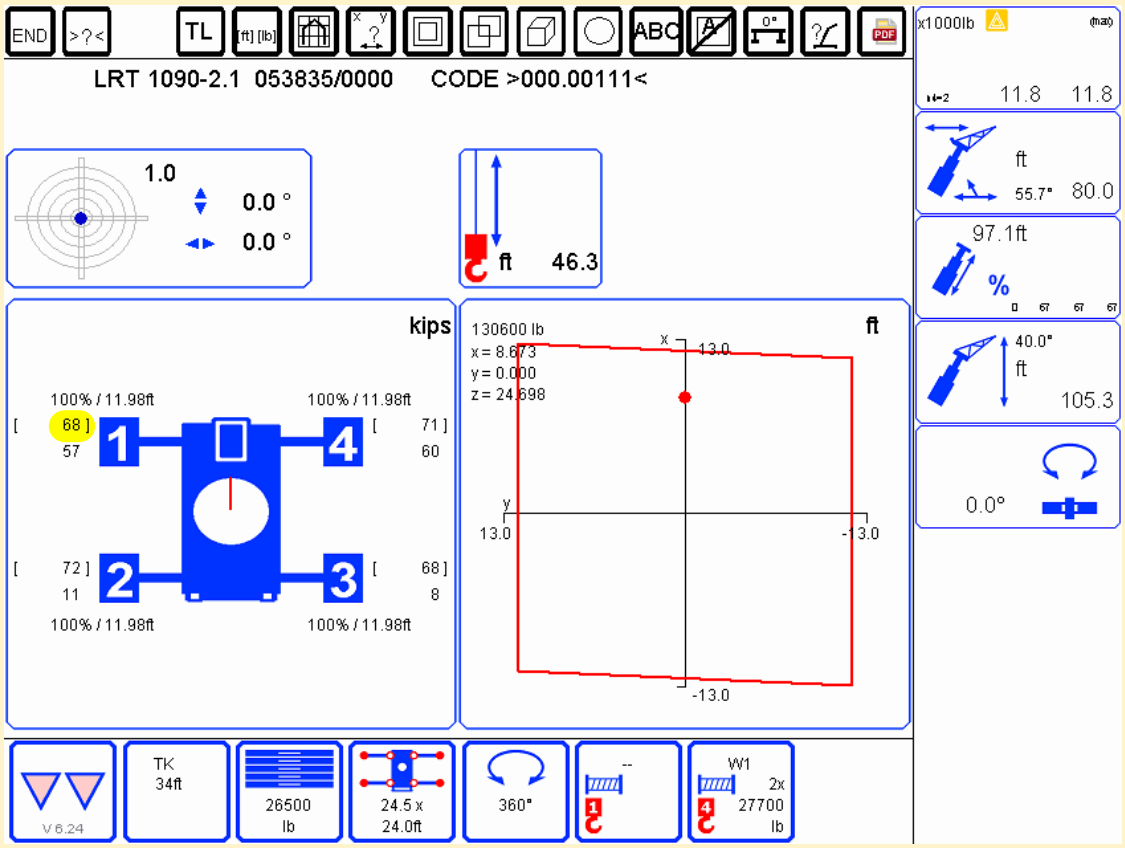
Description	
Drawn By	1/22/2026

Created with 3D Lift Plan www.3dliftplan.com *Grid: 10' x 10'*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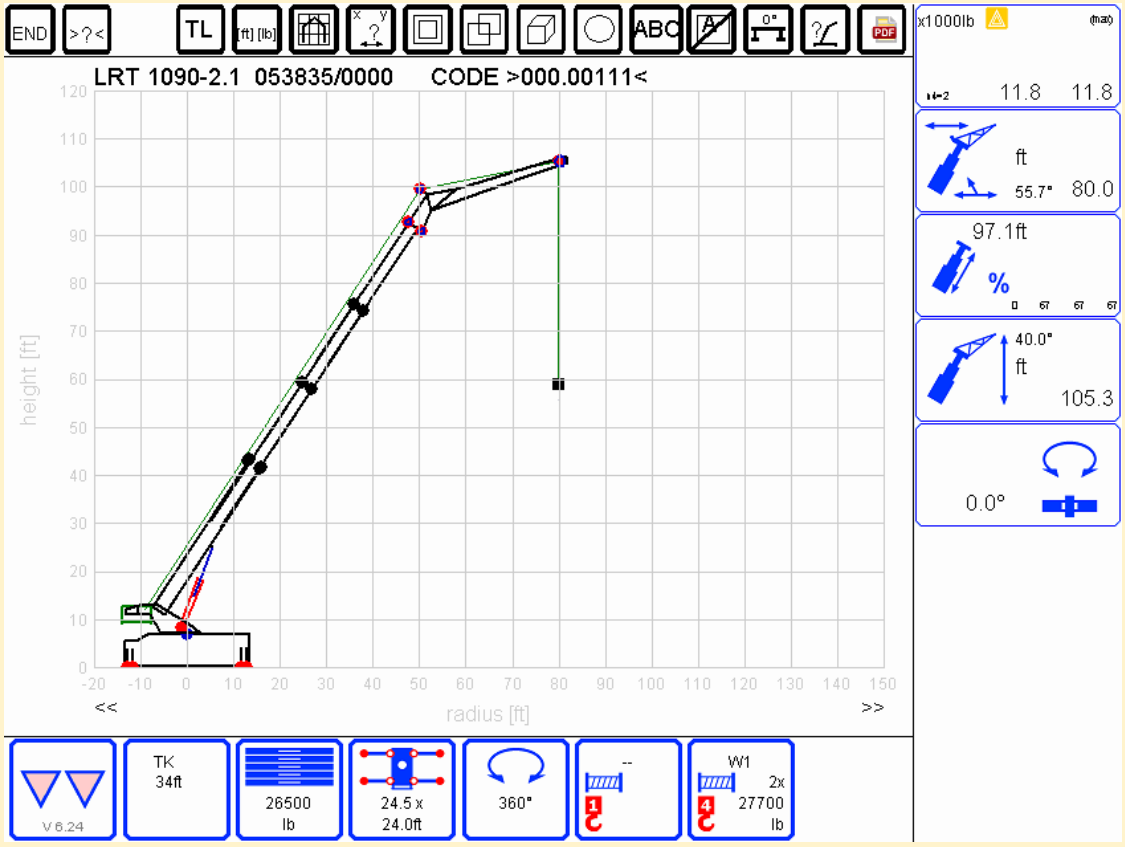
0.0 °
0.0 °
ft 46.3
kips
100% / 11.98ft
[68] 57
1
4
[71] 60
[72] 11
2
3
[68] 8
100% / 11.98ft
100% / 11.98ft
100% / 11.98ft
130600 lb
x = 8.673
y = 0.000
z = 24.698
ft
x
13.0
y
13.0
-13.0
-13.0
x1000lb
11.8 11.8
ft
55.7° 80.0
97.1ft
%
40.0°
ft
105.3
0.0°
V 6.24
TK
34ft
26500
lb
24.5 x
24.0ft
360°
--
W1
2x
27700
lb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105.3
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V 6.24
TK
34ft
26500
lb
24.5 x
24.0ft
360°
--
W1
2x
27700
lb

Ground Bearing Pressure
Below the Outrigger Pad Calc

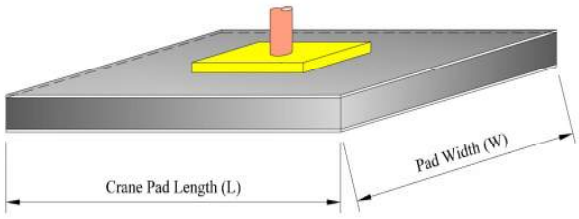
Description of Lift

360 Degree Swing Outrigger Load

Project	**80 ft. radius w/ jib**
Client	
Rev	
Prepared	**DJC**
Date	**1/22/2026**
Job number	

Crane & Lift Details:

Crane Type	**Liebherr LRT1090-2.1**	
Crane Counterweight	**26,500**	lbs
Superlift attached	**no**	
Outrigger position	**Fully Extended**	
Main Boom Length	**97.1**	feet
Jib Type (Fixed or Luffing)	**Fixed @ 40 deg.**	
Jib Length	**34**	feet
Lift Weight	**11,800**	lbs
Lift Radius	**80**	feet
Allowable Boom Swing	**360**	degrees
Maximum Outrigger Load - "P"	**68,000**	lbs



Outrigger Mat Pad Details:

Rectangular

Outrigger Mat Pad		
Pad Material =	**Steel Pad / Mat**	
Is this the Outrigger Float?	**no**	
Pad Length (L) =	**6.00**	feet
Pad Width (W) =	**6.00**	feet

Results:

Determine GBP 'q' below crane Mat Pad

$$q = \frac{\text{Outrigger Load}}{W * L}$$

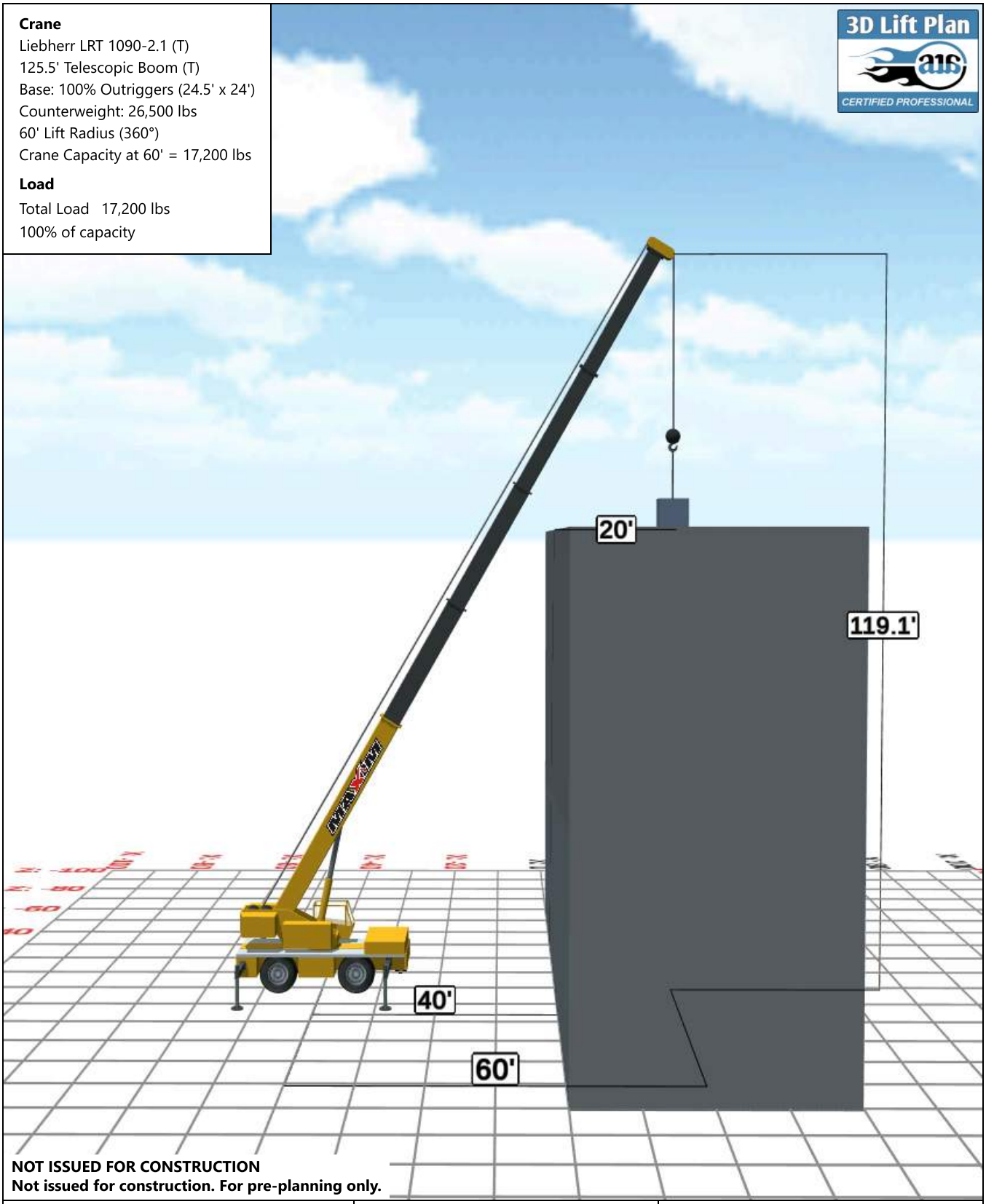
1,889	psf	GBP By Crane
100	psf	+ Crane Outrigger Mat Pad Weight
1,989	**psf**	**Ground Bearing Pressure**

Notes:

1. The ability of the ground to support the crane is critical. The controlling entity shall verify the current ground conditions are able to support the loads provided for the assist crane in accordance with OSHA 1926-1400.
2. If an outrigger mat pad is not used then the dimensions of the outrigger pontoon shall be used.
3. The calculations performed assume the outrigger is centered on the pad.

Crane
Liebherr LRT 1090-2.1 (T)
125.5' Telescopic Boom (T)
Base: 100% Outriggers (24.5' x 24')
Counterweight: 26,500 lbs
60' Lift Radius (360°)
Crane Capacity at 60' = 17,200 lbs

Load
Total Load 17,200 lbs
100% of capacity



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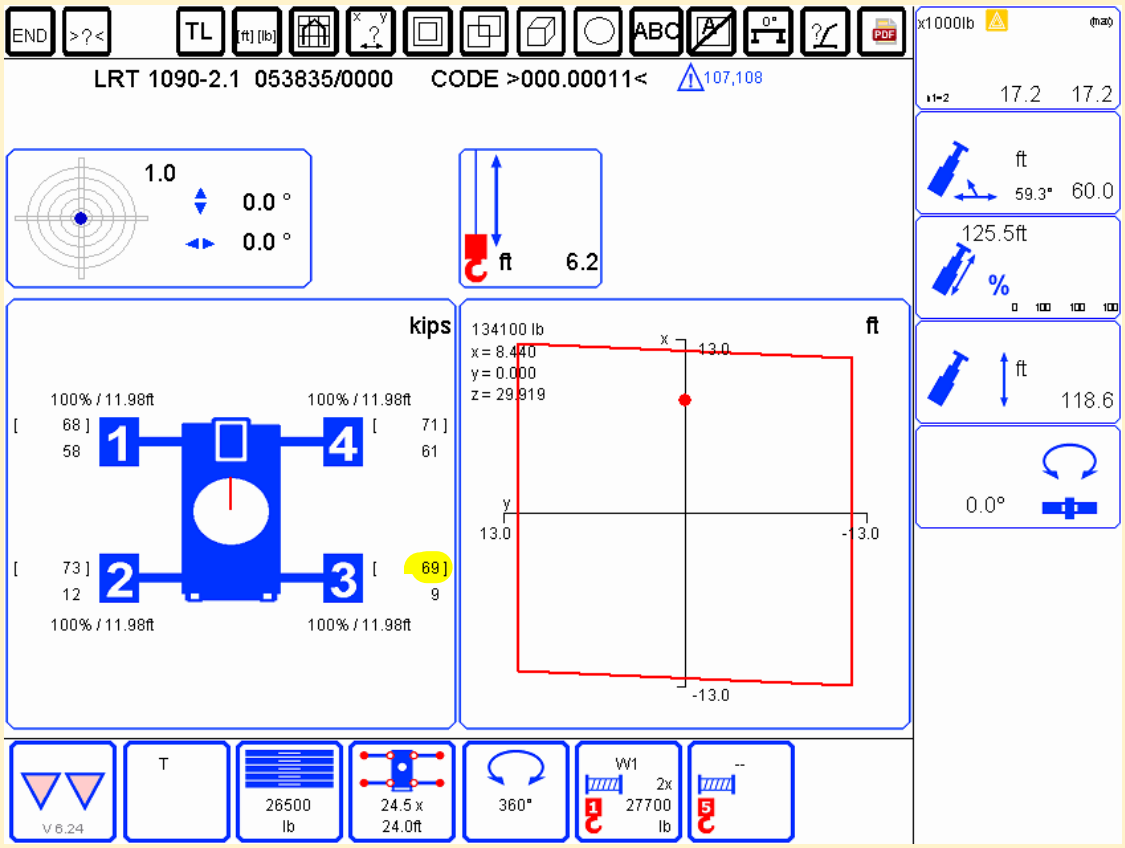
PLAN FOR GBP WORST CASE REASONS ONLY

MAXIM Crane Works, L.P.

Title	Lift Plan
Project	East side Paycore
Customer	Messer
Description	
Drawn By	1/22/2026

Created with 3D Lift Plan www.3dliftplan.com *Grid: 10' x 10'*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[68] 58
[71] 61
[73] 12
[69] 9
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x = 8.440
y = 0.000
z = 29.919
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13.0
13.0
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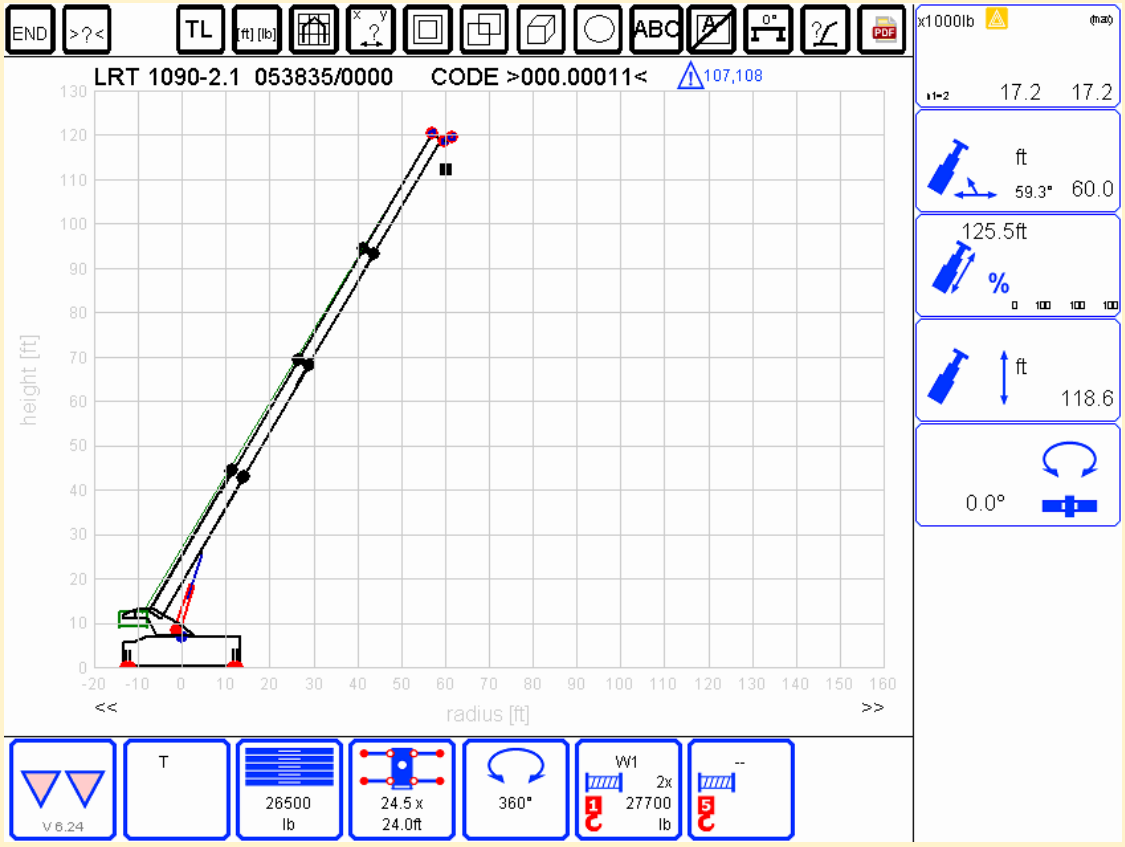
-13.0
x1000lb
17.2 17.2
ft
59.3° 60.0
125.5ft
%
ft
118.6
0.0°
T
V 6.24
26500 lb
24.5 x 24.0ft
360°
W1
2x
27700 lb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59.3° 60.0
125.5ft
%
ft
118.6
0.0°
T
V 6.24
26500 lb
24.5 x 24.0ft
360°
W1
2x
27700 lb

Ground Bearing Pressure
Below the Outrigger Pad Calc

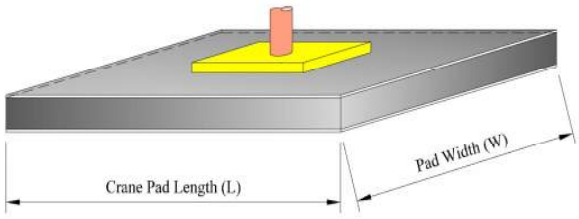
Description of Lift

360 Degree Swing Outrigger Load

Project	**60 ft. radius Main Boom**
Client	
Rev	
Prepared	**DJC**
Date	**1/22/2026**
Job number	

Crane & Lift Details:

Crane Type	**Liebherr LRT1090-2.1**	
Crane Counterweight	**26,500**	lbs
Superlift attached	**no**	
Outrigger position	**Fully Extended**	
Main Boom Length	**125.5**	feet
Jib Type (Fixed or Luffing)	**None**	
Lift Weight	**17,200**	lbs
Lift Radius	**60**	feet
Allowable Boom Swing	**360**	degrees
Maximum Outrigger Load - "P"	**69,000**	lbs



Outrigger Mat Pad Details:

Rectangular

Outrigger Mat Pad		
Pad Material =	**Steel Pad / Mat**	
Is this the Outrigger Float?	**no**	
Pad Length (L) =	**6.00**	feet
Pad Width (W) =	**6.00**	feet

Results:

Determine GBP 'q' below crane Mat Pad

$$q = \frac{\text{Outrigger Load}}{W * L}$$

1,917 psf	GBP By Crane
100 psf	+ Crane Outrigger Mat Pad Weight
2,017 psf	**Ground Bearing Pressure**

Notes:

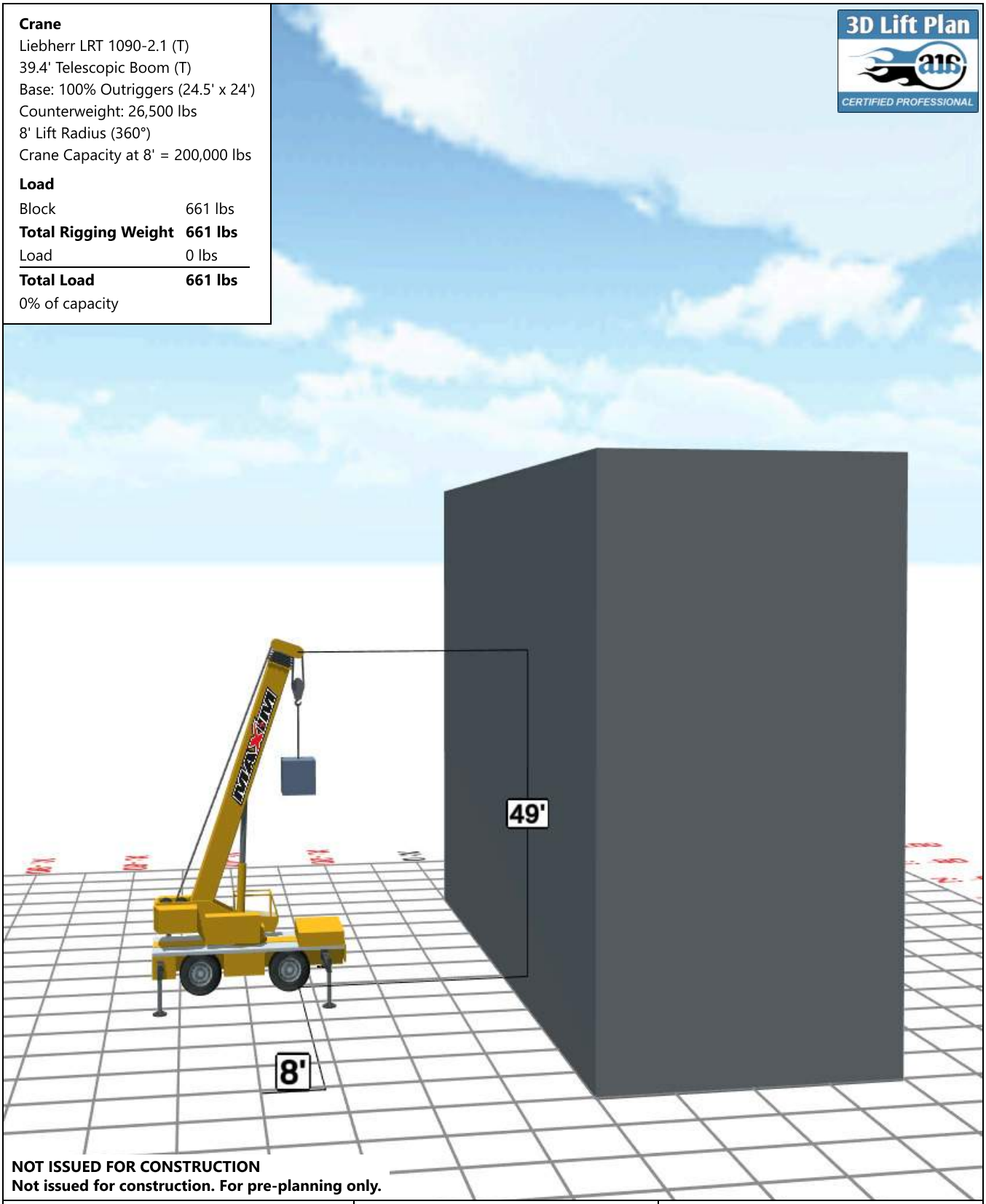
1. The ability of the ground to support the crane is critical. The controlling entity shall verify the current ground conditions are able to support the loads provided for the assist crane in accordance with OSHA 1926-1400.
2. If an outrigger mat pad is not used then the dimensions of the outrigger pontoon shall be used.
3. The calculations performed assume the outrigger is centered on the pad.

Crane
Liebherr LRT 1090-2.1 (T)
39.4' Telescopic Boom (T)
Base: 100% Outriggers (24.5' x 24')
Counterweight: 26,500 lbs
8' Lift Radius (360°)
Crane Capacity at 8' = 200,000 lbs

Load

Block	661 lbs
Total Rigging Weight	**661 lbs**
Load	0 lbs
Total Load	**661 lbs**

0% of capacity



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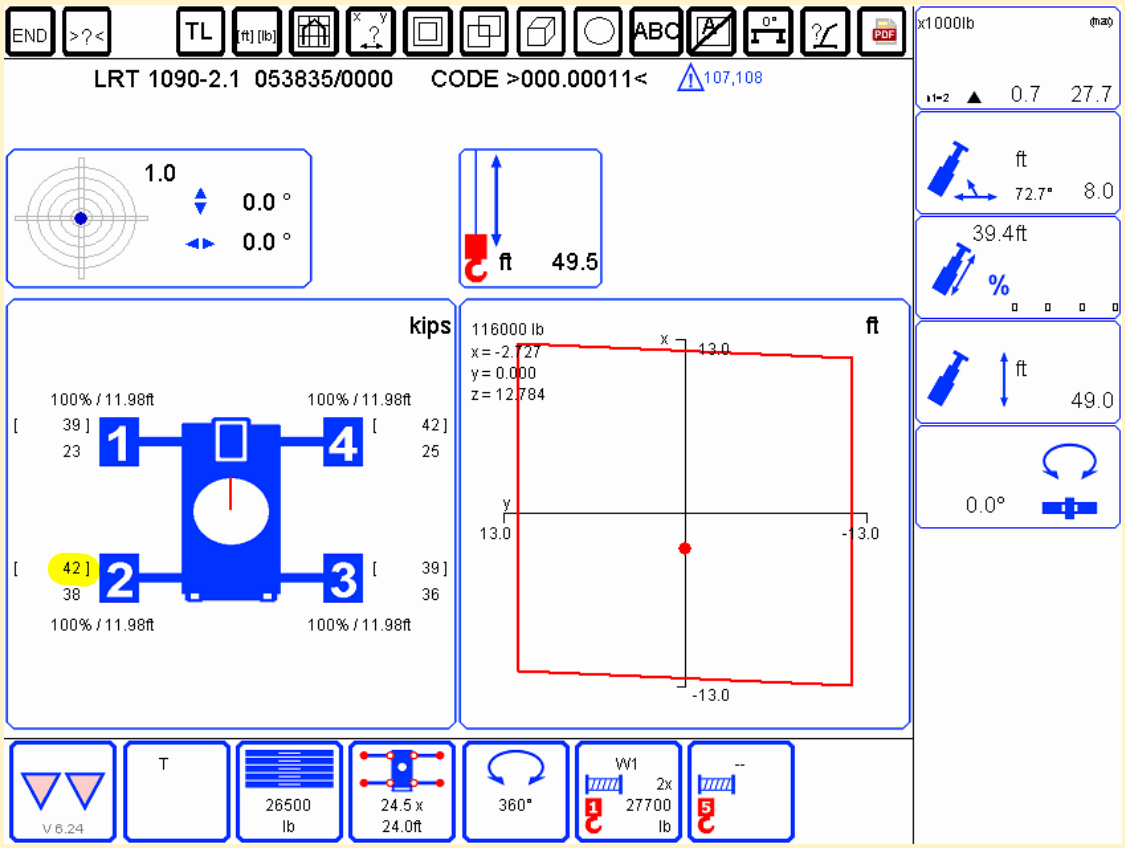
Not issued for construction. For pre-planning only.

PLAN FOR GBP WORST CASE REASONS ONLY
No Load Min Radius Scenario

MAXIM Crane Works, L.P.

Title	Lift Plan
Project	East side Paycore
Customer	Messer
Description	
Drawn By	1/22/2026

Created with 3D Lift Plan *www.3dliftplan.com* *Grid: 10' x 10'*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[42] 25
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[39] 36
100% / 11.98ft
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2
3
4
116000 lb
x = -2.727
y = 0.000
z = 12.784
ft
13.0
-13.0
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-13.0
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ft
72.7° 8.0
39.4ft
%
ft
49.0
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T
V 6.24
26500 lb
24.5 x 24.0ft
360°
W1
2x
27700 lb
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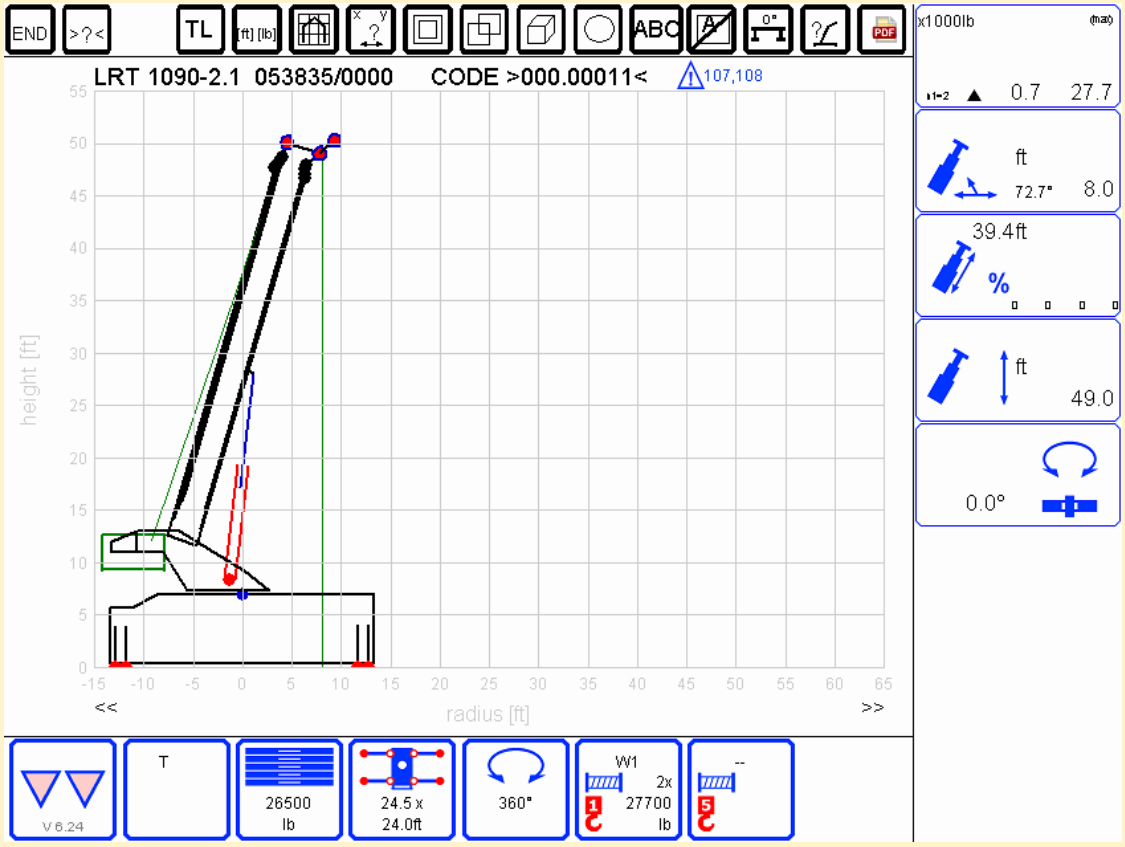
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x1000lb
0.7 27.7
ft
72.7° 8.0
39.4ft
%
ft
49.0
0.0°
T
V 6.24
26500 lb
24.5 x 24.0ft
360°
W1
2x
27700 lb
--

Ground Bearing Pressure
Below the Outrigger Pad Calc

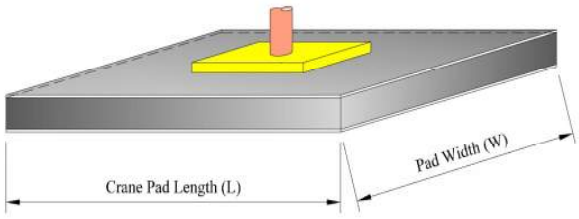
Description of Lift

360 Degree Swing Outrigger Load

Project	**No Load Min Radius**
Client	
Rev	
Prepared	**DJC**
Date	**1/22/2026**
Job number	

Crane & Lift Details:

Crane Type	**Liebherr LRT1090-2.1**	
Crane Counterweight	**26,500**	lbs
Superlift attached	**no**	
Outrigger position	**Fully Extended**	
Main Boom Length	**39.4**	feet
Jib Type (Fixed or Luffing)	**None**	
Lift Weight	**661**	lbs
Lift Radius	**8**	feet
Allowable Boom Swing	**360**	degrees
Maximum Outrigger Load - "P"	**42,000**	lbs



Outrigger Mat Pad Details:

Rectangular

Outrigger Mat Pad		
Pad Material =	**Steel Pad / Mat**	
Is this the Outrigger Float?	**no**	
Pad Length (L) =	**6.00**	feet
Pad Width (W) =	**6.00**	feet

Results:

Determine GBP 'q' below crane Mat Pad

$$q = \frac{\text{Outrigger Load}}{W * L}$$

1,167 psf	GBP By Crane
100 psf	+ Crane Outrigger Mat Pad Weight
1,267 psf	**Ground Bearing Pressure**

Notes:

1. The ability of the ground to support the crane is critical. The controlling entity shall verify the current ground conditions are able to support the loads provided for the assist crane in accordance with OSHA 1926-1400.
2. If an outrigger mat pad is not used then the dimensions of the outrigger pontoon shall be used.
3. The calculations performed assume the outrigger is centered on the pad.