



MHAworks, A Progressive Company

409 Evans Street; Suite C
Greenville, NC 27858
P 252.329.0119
F 252.329.0121

ADDENDUM NUMBER 1

Date: July 15, 2026

Re: Greenville Utilities Commission New Operations Center Renovations
Greenville, North Carolina 27858

The following items supersede the bid documents dated June 17, 2026, and shall become a part of those bid documents with full force and effect, as though set forth therein. Bidders shall acknowledge receipt of this Addendum No.01 in the appropriate place on the "Bid Proposal Form".

Addendum No. 001 includes the following drawing and specification attachments:

1. General Instructions for Formal Bids – 4 Pages
2. Proposal Form – 2 Pages
3. GUC Specification Exemption Form – 1 Page
4. Letter of Compliance for E-Verify for GUC – 1 Page
5. Bid Bond – 1 Page
6. Performance Bond/Payment Bond – 2 Pages
7. 01 1000 – Summary – 2 Pages
8. 01 7000 – Execution and Closeout Requirements – 7 Pages
9. 08 8000 – Glazing – 5 Pages
10. Drawing Sheet 2G101
11. Drawing Sheet 2G103
12. Drawing Sheet 2G104
13. Drawing Sheet 2G105
14. Drawing Sheet 2G106
15. Drawing Sheet 2EP101
16. Drawing Sheet 3G101
17. Drawing Sheet 3G104
18. Drawing Sheet 3G105
19. Drawing Sheet 3G106
20. Drawing Sheet 3S201
21. Drawing Sheet 3A201
22. Drawing Sheet 3MD101
23. Drawing Sheet 3M101
24. Drawing Sheet 3ED101

Bidder Questions and General Clarifications:

1. I'm reaching out to request a list of general contractors?
 - Wimco Corporation, American Builders, Stocks & Taylor, CA Lewis, Cooke & Associates, Berry Building Group, Design Co, IMEC GROUP, Jackson Builders, TA Loving & Muter Construction were contacted.
 - See pre-bid meeting sign-in sheets for additional bidders.
2. I am potentially interested in assisting with the Renovations to GUC Operations Center (Buildings 2 & 3) do you happen to have the plans and specs for this project to share?
 - Please review the Bid on our website.
 - www.guc.com
 - Your Business
 - Doing Business With Us
 - Current bids or Past bids
 - Scroll down and find the Bid (26-45)
3. Wondering if there were building controls needed?
 - Yes, controls are identified in the documents and specifications. Specifically, see drawing sheets 2M701 & 3M701 notes regarding integrating new control points into the existing JCI controls building automation system.
4. Do you anticipate needing temporary wall systems for dust containment or clean zone separation? If required, could you please help confirm the following so we can prepare accurate pricing?
 - Shall be constructed as noted within specification section 01 50000 Temporary Facilities and Controls. GUC would prefer the temporary plastic curtain walls to define work zones and to contain dust in a reasonable manner and we shall clarify those locations with additional notes on the drawings within this addendum.
5. The existing wall separating Facilities Maintenance 3108 and Training 3107 appeared to be a 1-hour fire barrier. Clarify if doors 3107A and 3107 OH 2 need to be fire rated.
 - Based on the current drawing classification, that wall is not required to hold a 1-hour rating so the doors also do not need to be rated.
6. Alternate #3 on the bid form states that the base bid is to include the foundation and walls as shown in documents for Building 3 mezzanine only. This reads as if we are to include the foundation work and CMU walls for the mezzanine in the base bid. Please clarify if the base bid is to only include the new metal stud/sheetrock walls per sheet 3A101, and alternate #3 should include the foundation work, CMU walls and all other work associated with the mezzanine.
 - This clarification has been updated in the specifications to match the construction documents.
7. Please clarify that the owner will remove / relocate all lockers and cubicles.
 - The Owner shall relocate all furniture, lockers, and equipment out of the project scope areas ahead of the project start unless noted otherwise on the drawings.
8. There was mention that the owner may be performing some scopes of work associated with offices 3121 and 3123. Please clarify our scope of work for this area.
 - The Owner may perform some of that scope ahead of the project bid however, the scope shall be clarified at the start of the project and potentially be a deductive change order at that time.
9. Sheet 2E501, general note C mentions a power system study and refers to specification section 26 0573. Is a power study required for this project? The referenced spec section does not appear to be included with the specs, please clarify.
 - A power study is not required since these are existing panels.
10. Confirm that all tele/data/tv equipment, devices, wiring, and installation is by others.
 - All equipment shall be Owner installed unless noted otherwise on the drawings. Power and data notes are also on the drawings for those Owner installed/provided items.
11. Confirm that all security/access controls equipment, devices, wiring, and installation is by others.
 - All security/access control equipment, devices, wiring, and installation is by others unless note otherwise on the documents. One existing interior card reader is noted to be demolished and reinstalled at the fitness room by the GC specifically.
 - The Owner shall program the card reader.

12. Sheet EP101, keyed note #8 states to re-use existing feeders but replace if insufficient length. Can this verbiage be changed to “consider the existing feeders to be adequate for new panel location”? If this verbiage cannot be changed, will it be acceptable to install a pull box with splices for any feeder extensions that may be needed?
 - Notes and information have been updated on the construction documents for clarification within this addendum.
13. I see that on page 1 of the “Proposal Form” it mentions that “the project must be completed by early 2027.” Is there a specific deadline that would work best for the GUC? A formal ‘time of completion’ date?
 - See 01 100 Summary section 1.05C Owner Occupancy for note regarding phasing and timeline. There is no official end date however, the construction end date shall align with the notes in this specification section and shall begin directly following the Notice to Proceed.
14. And are there any Liquidated Damages? (Didn’t see any Supplementary General Conditions)
 - Updates to the 01 1000 Summary section were included regarding liquidated damages.
15. Please provide direction for the film for the SF1 window. Specification indicates to match existing, however, subcontractor requires a color to be able to price.
 - See specification section 08 8000, 2.05 Plastic Films for more information.
 - Updates were made within this addendum as well.
16. I have an RFI regarding existing flooring for the Reno of GUC Operations Buildings #2 & #3: Can the architect share what was used so we can match and make uniform throughout the project?
 - All finishes are intended to match existing and are noted on the finish plan and finish schedule.
17. Are there specified noise or work hours?
 - Normal Working hours are from 6AM – 5PM however, special hours can be scheduled upon request and coordination with the Owner. There are no noise hours.
18. Will the mechanical curb and/or bollards at building #3 be demolished in the alternate scope?
 - For the base bid, the unit is going away so the curb and bollard should also be removed. Alternate #2 is the "mobile unit" used either in New Facilities shop or Electric Distribution so the curb and bollard should stay for Alternate #2. There were no updates required on the drawings for this.
19. Is the existing panel in the shop bay adjacent to the work area for the new areas?
 - Please refer to the electrical plans for reference to panels in the proposed work areas.
20. The logistics plan and lay down areas were requested.
 - The logistics plan and lay down areas were updated in this addendum based on discussions with the Owner.
21. Who monitors the fire alarm system?
 - SCI monitors the fire alarm system.
22. The certification on the specifications was invalid and the bid forms could not be extracted. Can you include separately?
 - These sheets have been included in the Addendum for your bid submission.

Changes/Clarifications to the following Specification:

1. Specification Section “General Instructions for Formal Bids”:

- a) Section #13 removed. GUC has adopted an Affirmative Action and Minority and Women Business Enterprise Plan (M/WBE) Program. Firms submitting a proposal are attesting that they also have taken affirmative action to ensure equality of opportunity in all aspects of employment, and to utilize M/WBE suppliers of materials and/or labor.

2. Specification Section “Special Instructions to Bidders – City of Greenville/Greenville Utilities Commission Minority and/or Women Business Enterprise (M/WBE) Program”:

- a) Removed entire section (pages 20 – 35) in the original specification manual based on the notes above regarding changes to the M/WBE.

3. Specification Section “Proposal Form”:

- b) Updated alternate #3 description page #6 to coordinate with drawings.

4. Specification Section “GUC Specification Exemption Form”:

- a) Included this page in the addendum due to the bid specification manual certification being invalid. This will allow you to use this form in your bid submission.

5. Specification Section “Letter of Compliance for E-Verify for GUC”:

- a) Included this page in the addendum due to the bid specification manual certification being invalid. This will allow you to use this form in your bid submission.

6. Specification Section “Bid Bond”:

- a) Included this page in the addendum due to the bid specification manual certification being invalid. This will allow you to use this form in your bid submission.

7. Specification Section “Performance Bond/Payment Bond”:

- a) Included this page in the addendum due to the bid specification manual certification being invalid. This will allow you to use this form in your bid submission.

8. Specification Section “01 1000 - Summary”:

- b) Added information regarding liquidated damages under section 1.05 Owner Occupancy.
- c) Added normal working hours under section 1.05 Owner Occupancy.

9. Specification Section “01 70 00 – Execution and Closeout Requirements”:

- a) Updated Item 1.05 Project Conditions section #C regarding noise control and noise hours.

10. Specification Section “08 8000 – Glazing”:

- a) Updated item 2.05 Plastic Films information to clarify window film requirements.

Changes/Clarifications to the following Drawing Sheets:

- 1. Drawing Sheet “2G101 – Code Compliance Plan”:**
 - a) Updated building address.
 - b) Clarified existing and required ratings per City of Greenville comments.
- 2. Drawing Sheet “2G103 – Life Safety Plan Level 1”:**
 - a) Clarified existing and required ratings per City of Greenville comments.
- 3. Drawing Sheet “2G104 – Life Safety Plan Level 2”:**
 - a) Clarified existing and required ratings per City of Greenville comments.
- 4. Drawing Sheet “2G105 – Logistics Plan”:**
 - a) Updated lay down and parking area location.
- 5. Drawing Sheet “2G106 – Temporary Dust Partition Plan”:**
 - a) Added sheet for notes and layouts for dust partition and signage.
- 6. Drawing Sheet “2EP101 – First Floor Power Plan”:**
 - a) Updated notes and information regarding the existing feeder and panels.
 - b) Added information noting that the Owner shall be programming card readers.
- 7. Drawing Sheet “3G101 – Code Compliance Plan”:**
 - a) Updated building address.
 - b) Clarified existing and required ratings per City of Greenville comments.
- 8. Drawing Sheet “3G104 – Life Safety Plan & Code Decision Diagram”:**
 - a) Clarified existing and required ratings per City of Greenville comments.
- 9. Drawing Sheet “3G105 – Logistics Plan”:**
 - c) Updated lay down and parking area location.
 - d) Updated approximate work area shown on building.
- 10. Drawing Sheet “3G106 – Temporary Dust Partition Plan”:**
 - a) Added sheet for notes and layouts for dust partition and signage.
- 11. Drawing Sheet “3S201 – Typical Details”:**
 - b) Updated lintel detail B7.
- 12. Drawing Sheet “3A201 – Interior Elevations & Details”:**
 - a) Added note about patching and repairing exterior where existing awning is being removed.
- 13. Drawing Sheet “3MD101 – Facilities & Offices Mechanical Demolition Plan”:**
 - a) Added notes and information for relocation of existing condensate piping at proposed overhead door location.
 - b) Clarified notes regarding the removal of the concrete pad for the mechanical unit.
- 14. Drawing Sheet “3M101 – Facilities & Offices HVAC Plan”:**
 - a) Added notes and information for relocation of existing condensate piping at proposed overhead door location.
- 15. Drawing Sheet “3ED101 – First Floor Demolition Plan”:**
 - a) Clarified notes and information regarding existing conduit and speaker at proposed overhead door location.

SECTION I
GENERAL INSTRUCTIONS FOR FORMAL BIDS
RELATED TO THE PURCHASE OF APPARATUS, SUPPLIES,
MATERIALS, AND EQUIPMENT

1.0 NOTICE TO BIDDERS

Sealed bids, subject to the conditions made a part hereof, will be received in the Office of the Procurement Manager, Greenville Utilities Commission, 401 S. Greene Street, Greenville, North Carolina 27834 until 2:00 PM (EDT) on Thursday, July 23, 2026, the day of opening. **Bids submitted in a fax or e-mail in response to this Invitation for Bids will not be acceptable. Late Bids will not be considered.**

2.0 STANDARD FORMS REQUIRED

Each bidder must submit a proposal on the enclosed bid forms. **The bid must be signed by an authorized official of the firm. Return only the attached Proposal Form. Do not return the Advertisement for Bids, Instructions to Bidders or Specifications.**

3.0 PREPARATION OF BID

Bids must be in sealed envelopes clearly marked on the outside with the name of the bid and the bid opening date and time. Bid shall be addressed to the Procurement Manager, GREENVILLE UTILITIES COMMISSION, 401 S. GREENE STREET, GREENVILLE, NORTH CAROLINA 27835-1847.

4.0 TIME FOR OPENING BIDS

Bids will be opened promptly and read at the hour and on the date set forth in the advertisement in the Office of the Procurement Manager, Greenville Utilities Main Office, 401 S. Greene Street, Greenville, North Carolina. Bidders or their authorized agents are invited to be present.

5.0 DEPOSIT

A deposit is required for this bid.

6.0 NC SALES TAX

Do **not** include NC sales taxes in bid figure; however, Greenville Utilities Commission (GUC) does pay sales tax. Sales tax should be added to the invoice as a separate item.

7.0 FEDERAL EXCISE TAX

GUC is exempt from Federal Excise Tax and will issue a Federal Exemption Certificate upon request to the successful bidder.

8.0 EXCEPTIONS TO BE CLEARLY STATED

If bid is not in strict accordance with Section II, "Specifications," bidder must list or note all exceptions **on the Request for Proposal Form**, otherwise, it is fully understood that the successful bidder will furnish equipment and/or materials exactly as specified. GUC reserves the right to accept or reject bids with noted minor deviations from specifications and to determine the lowest responsible, responsive bid from the standpoint of quality, performance, and price.

9.0 EVALUATION AND AWARD OF BIDS

GUC reserves the right to reject any and all bids, to waive any and all informalities, and to disregard all nonconforming or conditional bids or counter proposals. In evaluating bids, GUC shall consider whether the bids comply with the prescribed requirements, plus all alternates or options requested. GUC reserves the right to include or exclude any option or alternative in GUC's opinion is in GUC's best interests. If a bid is to be awarded, it will be awarded to the lowest responsible, responsive bidder whose evaluation by GUC indicates that the award will be in GUC's best interests. Only firm prices will be considered for award of this bid.

10.0 PROMPT PAYMENT DISCOUNTS

Bidders are urged to compute all discounts into the price offered. If a prompt payment discount is offered, it may be considered in the award of the contract.

11.0 NUMERICAL ERRORS

In the case of a discrepancy between a unit price and the extension (the unit price multiplied by the number of units), the unit price governs. In the case where numerical bids are stated both in numbers and in words, the words govern.

12.0 BID WITHDRAWAL

A bidder must notify GUC in writing of its request to withdraw a bid within seventy-two (72) hours after the bid opening, not including Saturdays, Sundays, or holidays. In order to justify withdrawal, the bidder must demonstrate that a substantial error exists and that the bid was submitted in good faith.

13.0 M/WBE SECTION REMOVED

14.0 QUANTITIES

Quantities specified are only estimates of GUC's requirements. GUC reserves the right to purchase more or less than the stated quantities at prices indicated in the submitted Proposal Form based on our actual needs.

15.0 DELIVERY

Shipments will be made to GUC only upon releases from a purchase order issued by GUC in accordance with its current needs.

Time is of the essence with respect to all deliveries under this Agreement.

Delivery of all equipment, materials, or supplies shall be made Free on Board (FOB), GUC Warehouse, 701 Utility Way, Greenville, North Carolina 27834, unless otherwise specified. The agreed price for such equipment, materials, or supplies shall include all costs of delivery and ownership, and risks of loss shall not be transferred from Provider to GUC until express written acceptance of delivery and inspection by GUC. Delivery hours are between 8:00 AM and 4:30 PM Monday-Friday only. **GUC's purchase order number is to be shown on the packing slip or any related documents.** GUC reserves the right to refuse or return any delivery with no purchase order number or which is damaged. GUC will not be charged a restocking fee for any delivery which is refused or returned.

16.0 DELIVERY TIME

Delivery time is to be stated and will be considered in the evaluation of bids. Failure by the successful bidder to meet quoted delivery shall be interpreted as non-compliance with these specifications and may be deemed sufficient cause for removal of the manufacturer and/or distributor from our lists as acceptable manufacturers or bidders.

17.0 CONTRACT PERIOD

TBD.

18.0 MANUFACTURER

Bidder is to specify the manufacturer of RTUs being quoted. If requested, bidder shall identify the place of manufacturer of all RTUs being quoted.

19.0 CONTACT INFORMATION

Questions regarding this bid request should be directed to Cleve Haddock, Procurement Manager, Finance Department at (252) 551-1533, haddocgc@guc.com. **All questions must be received via e-mail by or before 5:00pm (EDT) Tuesday, July 14, 2026.**

20.0 TERMS AND CONDITIONS

The attached Terms and Conditions apply to all purchases made by Greenville Utilities Commission (GUC) and must be considered as part of the bid proposal.

[Balance of page left blank intentionally]

Vendor Name: _____

GREENVILLE UTILITIES COMMISSION

PROPOSAL FORM

QUOTATIONS SHOULD BE RECEIVED BY 2:00 PM ON Thursday, July 23, 2026.

Quotations can be mailed or delivered to Cleve Haddock, Lifetime CLGPO, Procurement Manager, 401 South Greene Street, Greenville, N.C. 27834. Greenville Utilities reserves the right to reject any and all quotes that are not in GUC's best interest.

The Bidder proposes and agrees if this proposal is accepted to contract with Greenville Utilities Commission in the form of contract specified herein to furnish all necessary materials , equipment, machinery, tools, apparatus, means of transportation and labor necessary to complete the construction and renovation of the GUC New Operations Center Building 2 and Building 3 as indicated on the contract documents. The project must be complete by early 2027, in full in complete accordance with the plan's specifications and contract documents to full and entire satisfaction of GUC and Progressive Companies.

Item No.	Description	Delivery Time (Days)	\$ Price
I	Base Bid		
II	Alternate # 1 – Provide motorized folding partitions in Building 2 per specifications and electrical drawings. Base Bid includes manual folding partitions.		
III	Alternate # 2 – Includes entire palletized HVAC scope for Building 3.		
IV	Alternate # 3 – Includes entire mezzanine scope. Base Bid does not include any mezzanine scope.		

TOTAL \$ _____

The undersigned bidder hereby declares that it has carefully examined the enclosed detailed specifications for furnishing GUC with the below listed items. The undersigned bidder further

agrees, if this proposal is accepted within thirty (30) days from the date of the opening, to furnish any or all of the items upon the quoted price.

Method of Award: GUC will award this bid as a total bid.

Complete and Check All Math: It is the responsibility of the Bidder to extend unit prices and supply a total for all items.

It is certified that this proposal is made in good faith and without collusion or connection with any other person bidding on the same above listed items. It is also certified that this proposal is made in good faith and without collusion or connection with any GUC employee(s).

Certified check or cash for \$_____or bid bond for \$_____attached.

Firm Name _____ Phone (____)_____

Address _____

City _____ State _____ Zip Code _____

Fax (____) _____ E-Mail _____

Authorized Official _____ Title _____
Typed Name

Signature Date _____

One (1) Sealed Hard copy & One (1) Electronic copy of your proposal should be received no later than Thursday, July 23, 2026 at 2:00 PM (EDT).

NO BIDS CONSIDERED UNLESS SUBMITTED ON THIS FORM(S)

(RETURN ONLY THIS FORM(S) AND EXCEPTION, E-VERIFY)

GREENVILLE UTILITIES COMMISSION

GREENVILLE, NORTH CAROLINA

SPECIFICATION/ EXCEPTION FORM

Specifications for: Renovations to Operation Center Building 2 and Building 3

Bidder's Certification: This is to certify that it is our intent to furnish equipment, material, services, etc. in absolute compliance with the bid specification except where expressly noted below.

Instructions: The following is a list of exceptions to the bidding documents and/or specifications pertaining to the renovation of GUC New Operations Center Building 2 and Building 3. Bidders shall identify each exception by specification page and paragraph number on this form. The omission of exception assumes complete compliance with the Specifications.

<u>Page/Paragraph #</u>	<u>Exception/Variation</u>

Firm Represented:

Typed Name:

Authorized Signature of Certification:

Date:

Letter of Compliance to E-Verify for Greenville Utilities Commission

1. I have submitted a bid for contract or desire to enter into a contract with the Greenville Utilities Commission;
2. As part of my duties and responsibilities pursuant to said bid and/or contract, I affirm that I am aware of and in compliance with the requirements of E-Verify, Article 2 of Chapter 64 of the North Carolina General Statutes, to include (mark which applies):
3. ____ After hiring an employee to work in the United States I verify the work authorization of said employee through E-Verify and retain the record of the verification of work authorization while the employee is employed and for one year thereafter; or
4. ____ I employ less than twenty-five (25) employees in the State of North Carolina.
5. As part of my duties and responsibilities pursuant to said bid and/or contract, I affirm that to the best of my knowledge and subcontractors employed as a part of this bid and/or contract, are in compliance with the requirements of E-Verify, Article 2 of Chapter 64 of the North Carolina General Statutes, to include (mark which applies):
6. ____ After hiring an employee to work in the United States the subcontractor verifies the work authorization of said employee through E-Verify and retains the record of the verification of work authorization while the employee is employed and for one year thereafter; or
7. ____ Employ less than twenty-five (25) employees in the State of North Carolina.
Specify subcontractor: _____

_____ (Company Name)

By: _____ (Typed Name)

_____ (Authorized Signatory)

_____ (Title)

_____ (Date)

BID BOND

KNOW ALL MEN BY THESE PRESENT, THAT WE _____
_____ as Principal, and _____
as Surety, who is duly licensed to act as Surety in North Carolina, are held and firmly bound unto
the Greenville Utilities Commission, Greenville, NC, as Obligee, in the penal sum of

_____ DOLLARS (\$_____) (5% Bid Bond),
lawful money of the United States of America, for the payment of which, well and truly to be
made, we bind ourselves, our heirs, administrators, successors and assigns, jointly and severally,
firmly by these present.

SIGNED, Sealed and dated this _____ day of _____, 2025.

WHEREAS, the said Principal is herewith submitting a Proposal for

RENOVATIONS TO OPERATION CENTER BUILDING 2 AND BUILDING 3

and the Principal desires to file this Bid Bond in Lieu of making the cash deposit as required by
the bidding documents contained herein;

NOW, THEREFORE, THE CONDITION OF THE ABOVE OBLIGATION is such that if the
principal shall be awarded the Purchase Order for which the bid is submitted and shall accept the
Purchase Order within ten (10) days after the award of same to the principal, then this obligation
shall be null and void; but if the principal fails to so accept such purchase order as required by the
bidding documents contained herein, the Surety shall, upon demand, forthwith pay to the Obligee
the amount set forth in the first paragraph hereof, and upon failure to forthwith make such
payment, the Surety shall pay the Obligee an amount equal to double the amount of this Bid
Bond as set forth in the first paragraph hereof. Power of Attorney from the surety to is
Attorneyin-Fact is attached hereto.

Principal

By _____(SEAL)

Corporate Surety

By _____(SEAL)

PERFORMANCE BOND/PAYMENT BOND

Date of Execution: _____

Name of Principal: _____

(Contractor) _____

Name of Surety: _____

Name of Contracting
Body: _____

Amount of Bond: _____

Project: _____

KNOW ALL THESE MEN BY THESE PRESENT, That We, the Principal and Surety above named, are held and firmly bound unto the above named Contracting Body, hereinafter called the Contracting Body, in the penal sum of the amount stated above the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these present.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal entered into a certain Contract with the Contracting Body, identified as shown above and hereto attached.

NOW, THEREFORE, if the Principal shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of said Contract during the original term of said Contract and any extensions there of that may be granted by the Contracting Body, with or without notice to the Surety, and during the life of any guaranty required under the Contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to the Surety being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under the several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed, and these present duly signed by its undersigned representative, pursuant to authority of its governing body.

Executed in five (5) counterparts.

Witness:

CONTRACTOR:

(Proprietorship or Partnership)

(Trade or Corporate Name)

ATTEST:

By:

By: _____

Title: _____
(Corporate Secretary or
Assistant Secretary Only)

Title: _____

(CORPORATE SEAL)

Witness:

SURETY COMPANY:

Countersigned:

By: _____

Title: _____
(Attorney-in-Fact)

N.C. Licensed Resident Agent

(Name and Address – Surety Agent)

(SURETY SEAL)

Surety Company Name and N.C.
Regional or Branch Office Address

SECTION 01 1000 SUMMARY

PART 1 GENERAL

1.01 PROJECT

- A. Project Name: Greenville Utilities Commission Renovations to Operation Center Building 2 and Building 3.
- B. Owner's Name: Greenville Utilities Commission.
- C. Architect's Name: Progressive Companies.
- D. The Project consists of the Renovation of Operation Center Buildings 2 and 3.

1.02 CONTRACT DESCRIPTION

- A. Contract Type: A single prime contract based on a Stipulated Price as described in Document 00 5200 - Agreement Form.

1.03 DESCRIPTION OF ALTERATIONS WORK

- A. Scope of alterations work is indicated on drawings.

1.04 WORK BY OWNER

- A. Items noted NIC (Not in Contract) will be supplied and installed by Owner as noted on the contract documents.

1.05 OWNER OCCUPANCY

- A. Owner intends to occupy a certain portion of the Project prior to the completion date for the conduct of normal operations.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations. Normal working hours are Monday through Friday 6AM to 5PM however, accommodations can be made outside of these times if coordinated with Owner.
- C. Schedule the Work to accommodate Owner occupancy. Work shall be phased with Building #2 work being completed and occupied prior to work at Building #3 beginning. Phase 1 shall include all scope within the Engineering & Operations Building #2 and shall commence directly following the Notice To Proceed and shall be completed within One-Hundred Twenty (120) Days. Procurement for Building #3 shall take place during the initial work phase. Phase #2 shall include all scope within the Systems Support Building #3 and shall commence directly following the acceptance of Phase #1 and shall be completed within Ninety (90) Days.
- D. For each day in excess of the time frame stipulated, the Contractor(s) shall pay to the Owner the sum of at least ONE THOUSAND DOLLARS (\$1,000.00), per day as liquidated damages reasonably estimated in advance to cover the losses to be incurred by the Owner by reason of failure of said Contractor(s) to complete the work within the time specified, such time being in the essence of this contract and material consideration thereof. The Designer shall be the judge as to the division of responsibility between the contractor(s), and shall apportion the amount of the liquidated damages to be paid by each of them, according to delay caused by any or all of them.

1.06 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
 - 1. Locate and conduct construction activities in ways that will limit disturbance to site.
- B. Provide access to and from site as required by law and by Owner:
 - 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 - 2. Do not obstruct roadways, sidewalks, or other public ways without permit.
- C. Utility Outages and Shutdown:
 - 1. Limit disruption of utility services to hours the building is unoccupied.
 - 2. Do not disrupt or shut down life safety systems, including but not limited to fire sprinklers and fire alarm system, without 7 days notice to Owner and authorities having jurisdiction.
 - 3. Prevent accidental disruption of utility services to other facilities.

1.07 WORK SEQUENCE

- A. Construct Work in stages during the construction period:
 - 1. Phase 1: Engineering & Operations Building #2 Scope.
 - 2. Phase 2: Systems Support Building #3 Scope.

SECTION 01 1000 SUMMARY

- B. Coordinate construction schedule and operations with Owner.
- C. Coordinate construction schedule and operations with Architect.

END OF SECTION

SECTION 01 7000 EXECUTION AND CLOSEOUT REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Examination, preparation, and general installation procedures.
- B. Requirements for alterations work, including selective demolition.
- C. Pre-installation meetings.
- D. Cutting and patching.
- E. Surveying for laying out the work.
- F. Cleaning and protection.
- G. Starting of systems and equipment.
- H. Demonstration and instruction of Owner personnel.
- I. Closeout procedures, including Contractor's Correction Punch List, except payment procedures.
- J. General requirements for maintenance service.

1.02 RELATED REQUIREMENTS

- A. Section 01 1000 - Summary: Limitations on working in existing building; continued occupancy; work sequence; identification of salvaged and relocated materials.
- B. Section 01 3000 - Administrative Requirements: Submittals procedures, Electronic document submittal service.
- C. Section 01 4000 - Quality Requirements: Testing and inspection procedures.
- D. Section 01 5000 - Temporary Facilities and Controls: Temporary exterior enclosures.
- E. Section 01 5000 - Temporary Facilities and Controls: Temporary interior partitions.
- F. Section 01 7419 - Construction Waste Management and Disposal: Additional procedures for trash/waste removal, recycling, salvage, and reuse.
- G. Section 01 7900 - Demonstration and Training: Demonstration of products and systems to be commissioned and where indicated in specific specification sections

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Survey work: Submit name, address, and telephone number of Surveyor before starting survey work.
 - 1. On request, submit documentation verifying accuracy of survey work.
 - 2. Submit a copy of site drawing signed by the Land Surveyor, that the elevations and locations of the work are in compliance with Contract Documents.
 - 3. Submit surveys and survey logs for the project record.
- C. Cutting and Patching: Submit written request in advance of cutting or alteration that affects:
 - 1. Structural integrity of any element of Project.
 - 2. Integrity of weather exposed or moisture resistant element.
 - 3. Efficiency, maintenance, or safety of any operational element.
 - 4. Visual qualities of sight exposed elements.
 - 5. Work of Owner or separate Contractor.
- D. Project Record Documents: Accurately record actual locations of capped and active utilities.

1.04 QUALIFICATIONS

- A. For surveying work, employ a land surveyor registered in the State in which the Project is located and acceptable to Architect. Submit evidence of surveyor's Errors and Omissions insurance coverage in the form of an Insurance Certificate. Employ only individual(s) trained and experienced in collecting and recording accurate data relevant to ongoing construction activities,
- B. For design of temporary shoring and bracing, employ a Professional Engineer experienced in design of this type of work and licensed in the State in which the Project is located.

1.05 PROJECT CONDITIONS

- A. Use of explosives is not permitted.

SECTION 01 7000 EXECUTION AND CLOSEOUT REQUIREMENTS

- B. Ventilate enclosed areas to assist cure of materials, to dissipate humidity, and to prevent accumulation of dust, fumes, vapors, or gases.
- C. Noise Control: Provide methods, means, and facilities to minimize noise produced by construction operations. There are no specified noise hours but the building will be occupied during construction.
 - 1. Indoors: Limit conduct of especially noisy interior work to the hours of 6 pm to 7 am.
- D. Rodent Control: Provide methods, means, and facilities to prevent rodents from accessing or invading premises.

1.06 COORDINATION

- A. Coordinate scheduling, submittals, and work of the various sections of the Project Manual to ensure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.
- B. Notify affected utility companies and comply with their requirements.
- C. Verify that utility requirements and characteristics of new operating equipment are compatible with building utilities. Coordinate work of various sections having interdependent responsibilities for installing, connecting to, and placing in service, such equipment.
- D. Coordinate space requirements, supports, and installation of mechanical and electrical work that are indicated diagrammatically on drawings. Follow routing indicated for pipes, ducts, and conduit, as closely as practicable; place runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
- E. In finished areas except as otherwise indicated, conceal pipes, ducts, and wiring within the construction. Coordinate locations of fixtures and outlets with finish elements.
- F. Coordinate completion and clean-up of work of separate sections.
- G. After Owner occupancy of premises, coordinate access to site for correction of defective work and work not in accordance with Contract Documents, to minimize disruption of Owner's activities.

PART 2 PRODUCTS

2.01 PATCHING MATERIALS

- A. New Materials: As specified in product sections; match existing products and work for patching and extending work.
- B. Type and Quality of Existing Products: Determine by inspecting and testing products where necessary, referring to existing work as a standard.
- C. Product Substitution: For any proposed change in materials, submit request for substitution described in Section 01 6000 - Product Requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that existing site conditions and substrate surfaces are acceptable for subsequent work. Start of work means acceptance of existing conditions.
- B. Verify that existing substrate is capable of structural support or attachment of new work being applied or attached.
- C. Examine and verify specific conditions described in individual specification sections.
- D. Take field measurements before confirming product orders or beginning fabrication, to minimize waste due to over-ordering or misfabrication.
- E. Verify that utility services are available, of the correct characteristics, and in the correct locations.
- F. Prior to Cutting: Examine existing conditions prior to commencing work, including elements subject to damage or movement during cutting and patching. After uncovering existing work, assess conditions affecting performance of work. Beginning of cutting or patching means acceptance of existing conditions.

3.02 PREPARATION

- A. Clean substrate surfaces prior to applying next material or substance.
- B. Seal cracks or openings of substrate prior to applying next material or substance.

SECTION 01 7000 EXECUTION AND CLOSEOUT REQUIREMENTS

- C. Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying any new material or substance in contact or bond.

3.03 PREINSTALLATION MEETINGS

- A. When required in individual specification sections, convene a preinstallation meeting at the site prior to commencing work of the section.
- B. Require attendance of parties directly affecting, or affected by, work of the specific section.
- C. Notify Architect four days in advance of meeting date.
- D. Prepare agenda and preside at meeting:
 - 1. Review conditions of examination, preparation and installation procedures.
 - 2. Review coordination with related work.
- E. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.

3.04 LAYING OUT THE WORK

- A. Verify locations of survey control points prior to starting work.
- B. Promptly notify Architect of any discrepancies discovered.
- C. Protect survey control points prior to starting site work; preserve permanent reference points during construction.
- D. Promptly report to Architect the loss or destruction of any reference point or relocation required because of changes in grades or other reasons.
- E. Replace dislocated survey control points based on original survey control. Make no changes without prior written notice to Architect.
- F. Utilize recognized engineering survey practices.
- G. Establish elevations, lines and levels. Locate and lay out by instrumentation and similar appropriate means:
 - 1. Site improvements including pavements; stakes for grading, fill and topsoil placement; utility locations, slopes, and invert elevations.
 - 2. Grid or axis for structures.
 - 3. Building foundation, column locations, ground floor elevations.
- H. Periodically verify layouts by same means.
- I. Maintain a complete and accurate log of control and survey work as it progresses.

3.05 GENERAL INSTALLATION REQUIREMENTS

- A. Install products as specified in individual sections, in accordance with manufacturer's instructions and recommendations, and so as to avoid waste due to necessity for replacement.
- B. Make vertical elements plumb and horizontal elements level, unless otherwise indicated.
- C. Install equipment and fittings plumb and level, neatly aligned with adjacent vertical and horizontal lines, unless otherwise indicated.
- D. Make consistent texture on surfaces, with seamless transitions, unless otherwise indicated.
- E. Make neat transitions between different surfaces, maintaining texture and appearance.

3.06 ALTERATIONS

- A. Drawings showing existing construction and utilities are based on casual field observation and existing record documents only.
 - 1. Verify that construction and utility arrangements are as indicated.
 - 2. Report discrepancies to Architect before disturbing existing installation.
 - 3. Beginning of alterations work constitutes acceptance of existing conditions.
- B. Keep areas in which alterations are being conducted separated from other areas that are still occupied.
 - 1. Provide, erect, and maintain temporary dustproof partitions of construction specified in Section 01 5000 .
- C. Remove existing work as indicated and as required to accomplish new work.
 - 1. Remove items indicated on drawings.
 - 2. Relocate items indicated on drawings.

SECTION 01 7000 EXECUTION AND CLOSEOUT REQUIREMENTS

3. Where new surface finishes are to be applied to existing work, perform removals, patch, and prepare existing surfaces as required to receive new finish; remove existing finish if necessary for successful application of new finish.
4. Where new surface finishes are not specified or indicated, patch holes and damaged surfaces to match adjacent finished surfaces as closely as possible.
- D. Services (Including but not limited to HVAC, Plumbing, Fire Protection, Electrical, and Telecommunications): Remove, relocate, and extend existing systems to accommodate new construction.
 1. Maintain existing active systems that are to remain in operation; maintain access to equipment and operational components; if necessary, modify installation to allow access or provide access panel.
 2. Where existing systems or equipment are not active and Contract Documents require reactivation, put back into operational condition; repair supply, distribution, and equipment as required.
 3. Where existing active systems serve occupied facilities but are to be replaced with new services, maintain existing systems in service until new systems are complete and ready for service.
 - a. Disable existing systems only to make switchovers and connections; minimize duration of outages.
 - b. See Section 01 1000 for other limitations on outages and required notifications.
 - c. Provide temporary connections as required to maintain existing systems in service.
 4. Verify that abandoned services serve only abandoned facilities.
 5. Remove abandoned pipe, ducts, conduits, and equipment, including those above accessible ceilings; remove back to source of supply where possible, otherwise cap stub and tag with identification; patch holes left by removal using materials specified for new construction.
- E. Protect existing work to remain.
 1. Prevent movement of structure; provide shoring and bracing if necessary.
 2. Perform cutting to accomplish removals neatly and as specified for cutting new work.
 3. Repair adjacent construction and finishes damaged during removal work.
- F. Adapt existing work to fit new work: Make as neat and smooth transition as possible.
- G. Patching: Where the existing surface is not indicated to be refinished, patch to match the surface finish that existed prior to cutting. Where the surface is indicated to be refinished, patch so that the substrate is ready for the new finish.
- H. Refinish existing surfaces as indicated:
 1. Where rooms or spaces are indicated to be refinished, refinish all visible existing surfaces to remain to the specified condition for each material, with a neat transition to adjacent finishes.
 2. If mechanical or electrical work is exposed accidentally during the work, re-cover and refinish to match.
- I. Clean existing systems and equipment.
- J. Remove demolition debris and abandoned items from alterations areas and dispose of off-site; do not burn or bury.
- K. Do not begin new construction in alterations areas before demolition is complete.
- L. Comply with all other applicable requirements of this section.

3.07 CUTTING AND PATCHING

- A. Whenever possible, execute the work by methods that avoid cutting or patching.
- B. See Alterations article above for additional requirements.
- C. Perform whatever cutting and patching is necessary to:
 1. Complete the work.
 2. Fit products together to integrate with other work.
 3. Provide openings for penetration of mechanical, electrical, and other services.
 4. Match work that has been cut to adjacent work.
 5. Repair areas adjacent to cuts to required condition.

SECTION 01 7000 EXECUTION AND CLOSEOUT REQUIREMENTS

6. Repair new work damaged by subsequent work.
 7. Remove samples of installed work for testing when requested.
 8. Remove and replace defective and non-complying work.
- D. Execute work by methods that avoid damage to other work and that will provide appropriate surfaces to receive patching and finishing. In existing work, minimize damage and restore to original condition.
- E. Employ original installer to perform cutting for weather exposed and moisture resistant elements, and sight exposed surfaces.
- F. Cut rigid materials using masonry saw or core drill. Pneumatic tools not allowed without prior approval.
- G. Restore work with new products in accordance with requirements of Contract Documents.
- H. Fit work air tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- I. At penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids with fire rated material in accordance with Section 07 8400, to full thickness of the penetrated element.
- J. Patching:
1. Finish patched surfaces to match finish that existed prior to patching. On continuous surfaces, refinish to nearest intersection or natural break. For an assembly, refinish entire unit.
 2. Match color, texture, and appearance.
 3. Repair patched surfaces that are damaged, lifted, discolored, or showing other imperfections due to patching work. If defects are due to condition of substrate, repair substrate prior to repairing finish.

3.08 PROGRESS CLEANING

- A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition.
- B. Remove debris and rubbish from pipe chases, plenums, attics, crawl spaces, and other closed or remote spaces, prior to enclosing the space.
- C. Broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust.
- D. Collect and remove waste materials, debris, and trash/rubbish from site periodically and dispose off-site; do not burn or bury.

3.09 PROTECTION OF INSTALLED WORK

- A. Protect installed work from damage by construction operations.
- B. Provide special protection where specified in individual specification sections.
- C. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.
- D. Provide protective coverings at walls, projections, jambs, sills, and soffits of openings.
- E. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, or movement of heavy objects, by protecting with durable sheet materials.
- F. Prohibit traffic or storage upon waterproofed or roofed surfaces. If traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturer.
- G. Remove protective coverings when no longer needed; reuse or recycle coverings if possible.

3.10 SYSTEM STARTUP

- A. Coordinate schedule for start-up of various equipment and systems.
- B. Verify that each piece of equipment or system has been checked for proper lubrication, drive rotation, belt tension, control sequence, and for conditions that may cause damage.
- C. Verify tests, meter readings, and specified electrical characteristics agree with those required by the equipment or system manufacturer.
- D. Verify that wiring and support components for equipment are complete and tested.

SECTION 01 7000 EXECUTION AND CLOSEOUT REQUIREMENTS

- E. Execute start-up under supervision of applicable Contractor personnel and manufacturer's representative in accordance with manufacturers' instructions.
- F. When specified in individual specification Sections, require manufacturer to provide authorized representative to be present at site to inspect, check, and approve equipment or system installation prior to start-up, and to supervise placing equipment or system in operation.
- G. Submit a written report that equipment or system has been properly installed and is functioning correctly.

3.11 DEMONSTRATION AND INSTRUCTION

- A. See Section 01 7900 - Demonstration and Training.

3.12 ADJUSTING

- A. Adjust operating products and equipment to ensure smooth and unhindered operation.
- B. Testing, adjusting, and balancing HVAC systems: See Section 23 0593 - Testing, Adjusting, and Balancing for HVAC.

3.13 FINAL CLEANING

- A. Use cleaning materials that are nonhazardous.
- B. Clean interior and exterior glass, surfaces exposed to view; remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces, vacuum carpeted and soft surfaces.
- C. Remove all labels that are not permanent. Do not paint or otherwise cover fire test labels or nameplates on mechanical and electrical equipment.
- D. Clean equipment and fixtures to a sanitary condition with cleaning materials appropriate to the surface and material being cleaned.
- E. Clean filters of operating equipment.
- F. Clean debris from roofs, gutters, downspouts, scuppers, overflow drains, area drains, and drainage systems.
- G. Clean site; sweep paved areas, rake clean landscaped surfaces.
- H. Remove waste, surplus materials, trash/rubbish, and construction facilities from the site; dispose of in legal manner; do not burn or bury.

3.14 CLOSEOUT PROCEDURES

- A. Make submittals that are required by governing or other authorities.
 - 1. Provide copies to Architect.
- B. Accompany Project Coordinator on preliminary inspection to determine items to be listed for completion or correction in the Contractor's Correction Punch List for Contractor's Notice of Substantial Completion.
- C. Notify Architect when work is considered ready for Architect's Substantial Completion inspection.
- D. Submit written certification containing Contractor's Correction Punch List, that Contract Documents have been reviewed, work has been inspected, and that work is complete in accordance with Contract Documents and ready for Architect's Substantial Completion inspection.
- E. Conduct Substantial Completion inspection and create Final Correction Punch List containing Architect's and Contractor's comprehensive list of items identified to be completed or corrected and submit to Architect.
- F. Correct items of work listed in Final Correction Punch List and comply with requirements for access to Owner-occupied areas.
- G. Notify Architect when work is considered finally complete and ready for Architect's Substantial Completion final inspection.
- H. Complete items of work determined by Architect listed in executed Certificate of Substantial Completion.

3.15 MAINTENANCE

- A. Provide service and maintenance of components indicated in specification sections.

SECTION 01 7000 EXECUTION AND CLOSEOUT REQUIREMENTS

- B. Maintenance Period: As indicated in specification sections or, if not indicated, not less than one year from the Date of Substantial Completion or the length of the specified warranty, whichever is longer.
- C. Examine system components at a frequency consistent with reliable operation. Clean, adjust, and lubricate as required.
- D. Include systematic examination, adjustment, and lubrication of components. Repair or replace parts whenever required. Use parts produced by the manufacturer of the original component.
- E. Maintenance service shall not be assigned or transferred to any agent or subcontractor without prior written consent of the Owner.

END OF SECTION

This page intentionally left blank

SECTION 08 8000 GLAZING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Insulating glass units.
- B. Glazing units.
- C. Plastic films.
- D. Glazing compounds.

1.02 RELATED REQUIREMENTS

- A. Section 08 1113 - Hollow Metal Doors and Frames: Glazed lites in doors.
- B. Section 08 1416 - Flush Wood Doors: Glazed lites in doors.

1.03 REFERENCE STANDARDS

- A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; Current Edition.
- B. AAMA 501.6 - Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from Window Wall, Curtain Wall and Storefront Systems; 2018.
- C. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test; 2015 (Reaffirmed 2020).
- D. ASCE 7 - Minimum Design Loads for Buildings and Other Structures; 2010, with 2013 Supplements and Errata.
- E. ASTM C864 - Standard Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers; 2005 (Reapproved 2026).
- F. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2018 (Reapproved 2024).
- G. ASTM C1036 - Standard Specification for Flat Glass; 2025.
- H. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2025.
- I. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2025.
- J. ASTM C1376 - Standard Specification for Pyrolytic and Vacuum Deposition Coatings on Flat Glass; 2021a.
- K. ASTM E413 - Classification for Rating Sound Insulation; 2022.
- L. ASTM E1300 - Standard Practice for Determining Load Resistance of Glass in Buildings; 2016.
- M. ASTM E2190 - Standard Specification for Insulating Glass Unit Performance and Evaluation; 2019.
- N. GANA (GM) - GANA Glazing Manual; 2022.
- O. GANA (LGRM) - Laminated Glazing Reference Manual; 2019.
- P. GANA (SM) - GANA Sealant Manual; 2008.
- Q. IGMA TM-3000 - North American Glazing Guidelines for Sealed Insulating Glass Units for Commercial & Residential Use; 1990 (Reaffirmed 2016).
- R. NFRC 300 - Test Method for Determining the Solar Optical Properties of Glazing Materials and Systems; 2023.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data on Insulating Glass Unit, Glazing Unit, and Plastic Film Glazing Types: Provide structural, physical and environmental characteristics, size limitations, special handling and installation requirements.
- C. Product Data on Glazing Compounds and Accessories: Provide chemical, functional, and environmental characteristics, limitations, special application requirements, and identify available colors.
- D. Samples: Submit 1 samples 8 by 8 inch in size of glass units.
- E. Manufacturer's qualification statement.
- F. Installer's qualification statement.

SECTION 08 8000 GLAZING

- G. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
- H. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements, for additional provisions.

1.05 QUALITY ASSURANCE

- A. Perform Work in accordance with GANA (GM), GANA (SM), GANA (LGRM), and IGMA TM-3000 for glazing installation methods. Maintain one copy on site.
- B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
- C. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years documented experience.

1.06 FIELD CONDITIONS

- A. Do not install glazing when ambient temperature is less than 40 degrees F.
- B. Maintain minimum ambient temperature before, during and 24 hours after installation of glazing compounds.

1.07 WARRANTY

- A. See Section 01 7800 - Closeout Submittals for additional warranty requirements.
- B. Insulating Glass Units: Provide a five (5) year manufacturer warranty to include coverage for seal failure, interpane dusting or misting, including providing products to replace failed units.

PART 2 PRODUCTS

2.01 PERFORMANCE REQUIREMENTS - EXTERIOR GLAZING ASSEMBLIES

- A. Provide type and thickness of exterior glazing assemblies to support assembly dead loads, and to withstand live loads caused by positive and negative wind pressure acting normal to plane of glass.
 - 1. Comply with ASTM E1300 for design load resistance of glass type, thickness, dimensions, and maximum lateral deflection of supported glass.
 - 2. Provide glass edge support system sufficiently stiff to limit the lateral deflection of supported glass edges to less than 1/175 of their lengths under specified design load.
 - 3. Glass thicknesses listed are minimum.
- B. Weather-Resistive Barrier Seals: Provide completed assemblies that maintain continuity of building enclosure water-resistive barrier, vapor retarder, and/or air barrier.
 - 1. In conjunction with weather barrier related materials described in other sections, as follows:
- C. Thermal and Optical Performance: Provide exterior glazing products with performance properties as indicated. Performance properties are in accordance with manufacturer's published data as determined with the following procedures and/or test methods:
 - 1. Center of Glass U-Value: Comply with NFRC 100 using Lawrence Berkeley National Laboratory (LBNL) WINDOW 6.3 computer program.
 - 2. Center of Glass Solar Heat Gain Coefficient (SHGC): Comply with NFRC 200 using Lawrence Berkeley National Laboratory (LBNL) WINDOW 6.3 computer program.
 - 3. Solar Optical Properties: Comply with NFRC 300 test method.

2.02 GLASS MATERIALS

- A. Float Glass: Provide float glass based glazing unless otherwise indicated.
 - 1. Type and Thickness as indicated on drawings.
 - 2. Annealed Type: ASTM C1036, Type I - Transparent Flat, Class 1 - Clear, Quality - Q3.
 - 3. Kind HS - Heat-Strengthened Type: Complies with ASTM C1048.
 - 4. Kind FT - Fully Tempered Type: Complies with ASTM C1048.
 - 5. Thicknesses: As indicated; provide greater thickness as required for exterior glazing wind load design.

2.03 INSULATING GLASS UNITS

- A. Insulating Glass Units: Types as indicated in drawings.
 - 1. Durability: Certified by an independent testing agency to comply with ASTM E2190.

SECTION 08 8000 GLAZING

2. Coated Glass: Comply with requirements of ASTM C1376 for pyrolytic (hard-coat) or magnetic sputter vapor deposition (soft-coat) type coatings on flat glass; coated vision glass, Kind CV; coated overhead glass, Kind CO; or coated spandrel glass, Kind CS.
3. Spacer Color: Black.
4. Edge Seal:
 - a. Color: Black.
5. Purge interpane space with dry air, hermetically sealed.

2.04 BASIS OF DESIGN - INSULATING GLASS UNITS

- A. Basis of Design - Insulating Glass Units: Vision glazing, with low-e coating.
 1. Applications: Exterior insulating glass glazing unless otherwise indicated.
 2. Space between lites filled with air.
 3. Total Thickness: As indicated on drawings.
 4. Coated Glass: Comply with requirements of ASTM C1376 for pyrolytic (hard-coat) or magnetic sputter vapor deposition (soft-coat) type coatings on flat glass; coated vision glass, Kind CV; coated overhead glass, Kind CO; or coated spandrel glass, Kind CS.
 5. Spacer Color: Black.
 6. Edge Seal:
 7. Color: Black.
 8. Purge interpane space with dry air, hermetically sealed.

2.05 PLASTIC FILMS

- A. Decorative Plastic Film: Polyvinyl butyral (PVB) type.
 1. Application: Locations as indicated on drawings.
 2. Series Type: Frost.
 3. Color: Frost. Intent is to allow light transmittance but maintain privacy within training room.
 4. Manufacturers:
 - a. Avery Dennison: www.averydennison.com/#sle.
 - b. LLumar, an Eastman Chemical Company; Decorative Window Film, LLumar: www.llumar.com/#sle.
 - c. XPEL, Inc; DECORATIVE: www.xpel.com/#sle.
 - d. Substitutions: See Section 01 6000 - Product Requirements.

2.06 GLAZING COMPOUNDS

- A. Type GC-5 - Silicone Sealant: Single component; neutral curing; capable of water immersion without loss of properties; nonbleeding, nonstaining; ASTM C920 Type S, Grade NS, Class 25, Uses M, A, and G; with cured Shore A hardness range of 15 to 25; color as selected.

2.07 ACCESSORIES

- A. Setting Blocks: Silicone, with 80 to 90 Shore A durometer hardness; ASTM C864 Option II. Length of 0.1 inch for each square foot of glazing or minimum 4 inch by width of glazing rabbet space minus 1/16 inch by height to suit glazing method and pane weight and area.
- B. Spacer Shims: Neoprene, 50 to 60 Shore A durometer hardness; ASTM C864 Option II. Minimum 3 inch long by one half the height of the glazing stop by thickness to suit application, self adhesive on one face.
- C. Glazing Tape: Closed cell polyvinyl chloride (PVC) foam, coiled on release paper over adhesive on two sides, maximum water absorption by volume of 2 percent, designed for compression of 25 percent to effect an air barrier and vapor retarder seal; ____x____ inch size.
- D. Glazing Splines: Resilient silicone extruded shape to suit glazing channel retaining slot; ASTM C864 Option II; color black.
- E. Glazing Clips: Manufacturer's standard type.

PART 3 EXECUTION

3.01 VERIFICATION OF CONDITIONS

- A. Verify that openings for glazing are correctly sized and within tolerances, including those for size, squareness, and offsets at corners.
- B. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and support framing is ready to receive glazing system.

SECTION 08 8000 GLAZING

- C. Verify that sealing between joints of glass framing members has been completed effectively.
- D. Proceed with glazing system installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Clean contact surfaces with appropriate solvent and wipe dry within maximum of 24 hours before glazing. Remove coatings that are not tightly bonded to substrates.
- B. Seal porous glazing channels or recesses with substrate compatible primer or sealer.
- C. Prime surfaces scheduled to receive sealant where required for proper sealant adhesion.

3.03 INSTALLATION, GENERAL

- A. Install glazing in compliance with written instructions of glass, gaskets, and other glazing material manufacturers, unless more stringent requirements are indicated, including those in glazing referenced standards.
- B. Install glazing sealants in accordance with ASTM C1193, GANA (SM), and manufacturer's instructions.
- C. Do not exceed edge pressures around perimeter of glass lites as stipulated by glass manufacturer.
- D. Set glass lites of system with uniform pattern, draw, bow, and similar characteristics.
- E. Set glass lites in proper orientation so that coatings face exterior or interior as indicated.
- F. Prevent glass from contact with any contaminating substances that may be the result of construction operations such as, and not limited to the following; weld splatter, fire-safing, plastering, mortar droppings, and paint.

3.04 INSTALLATION - BUTT JOINT GLAZING METHOD (SEALANT ONLY)

- A. Application - Exterior Glazed: Set glazing infills from exterior side of building.
- B. Temporarily brace glass in position for duration of glazing process; mask edges of glass at adjoining glass edges and between glass edges and framing members.
- C. Temporarily secure a small diameter nonadhering foamed rod on back side of joint.
- D. Apply sealant to open side of joint in continuous operation; thoroughly fill joint without displacing foam rod, and then tool sealant surface smooth to concave profile.
- E. Permit sealant to cure then remove foam backer rod, and then apply sealant to opposite side, tool smooth to concave profile.
- F. Remove masking tape.

3.05 INSTALLATION - PLASTIC FILM

- A. Install plastic film with adhesive, applied in accordance with film manufacturer's instructions.
- B. Place without air bubbles, creases or visible distortion.
- C. Install film tight to perimeter of glass and carefully trim film with razor sharp knife. Provide 1/16 inch to 1/8 inch gap at perimeter of glazed panel unless otherwise required. Do not score the glass.

3.06 FIELD QUALITY CONTROL

- A. Glass and Glazing product manufacturers to provide field surveillance of the installation of their products.
- B. Monitor and report installation procedures and unacceptable conditions.

3.07 CLEANING

- A. Remove excess glazing materials from finish surfaces immediately after application using solvents or cleaners recommended by manufacturers.
- B. Remove nonpermanent labels immediately after glazing installation is complete.
- C. Clean glass and adjacent surfaces after sealants are fully cured.
- D. Clean glass on both exposed surfaces not more than 4 days prior to Date of Substantial Completion in accordance with glass manufacturer's written recommendations.

SECTION 08 8000 GLAZING

3.08 PROTECTION

- A. After installation, mark pane with an 'X' by using removable plastic tape or paste; do not mark heat absorbing or reflective glass units.
- B. Remove and replace glass that is damaged during construction period prior to Date of Substantial Completion.

END OF SECTION

This page intentionally left blank



LOGISTICS NOTES & KEY

PARKING & LAY DOWN AREA (FOR DUMPSTER, UNLOADING, ETC.)

APPROXIMATE PROJECT AREA LOCATION INSIDE THE BUILDING

ENTRANCE TO PARKING DESIGNATED ZONE AND BUILDING

1. PROPOSED CONTRACTOR PARKING, TEMPORARY TOILET, LAY DOWN AREA, AND DUMPSTER TO BE LOCATED WITHIN THE PARKING LOT LIMITS INDICATED BY THE OWNER. COORDINATE WITH OWNER THE EXTENT OF SPACE REQUIRED. LOADING AND UNLOADING WILL ALSO TAKE PLACE IN THIS SAME ZONE.

2. PARKING LOT DESIGNATED IS ADJACENT TO THE BUILDING.

3. CONTRACTOR TO COORDINATE CARD ACCESS TO THE GATE ACCESS AND TO THE BUILDING WITH OWNER.

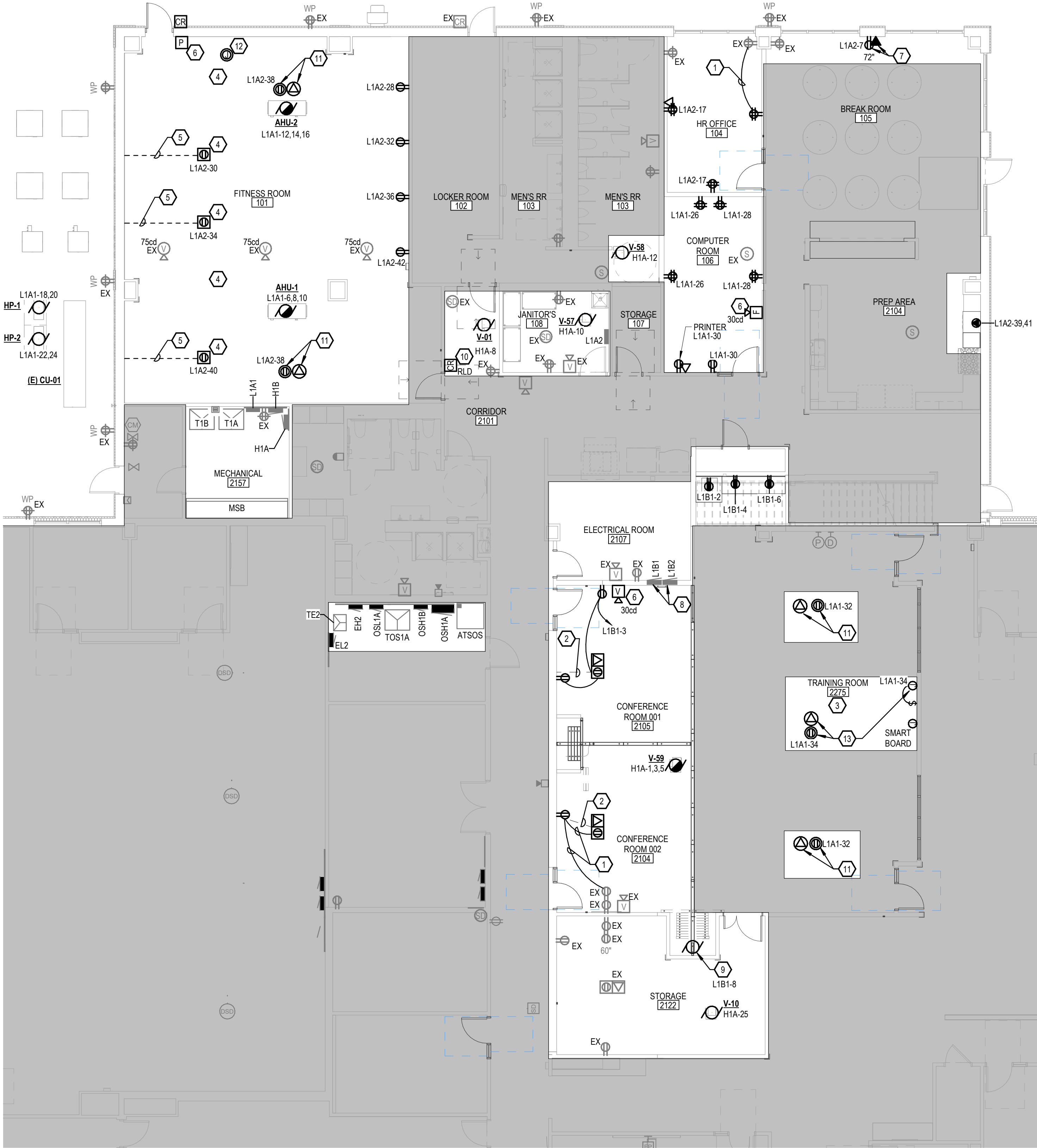
4. ITEMS MAY BE STORED IN THE BUILDING, ONLY INSIDE THE PROJECT AREAS, OR LAY DOWN AREA. G.C. RESPONSIBLE FOR SECURING ALL ITEMS RELATED TO THE PROJECT.

5. ALL INTERIOR FINISHES TO BE PROTECTED AS NECESSARY DURING WORK STOP PERIODS. G.C. SHALL CLEAN UP PROJECT AREAS AND ANY ROUTES INTO THE BUILDING WITH CONSTRUCTION DEBRIS.

A
B
C
D
E

THIS DOCUMENT AND ANY DATA CONTAINED HEREIN ARE THE PROPERTY OF PROGRESSIVE ARCHITECTURE ENGINEERING, P.C. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF PROGRESSIVE ARCHITECTURE ENGINEERING, P.C.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE								
TAG	DESCRIPTION	POWER	VOLTAGE	PHASE	FEEDER	DISCONNECTING MEANS	DISC FURNISH/INSTALL	NOTES
AHU-1	AIR HANDLING UNIT	12393 VA	208 V	3	4#6, 1#10G, 1" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
AHU-2	AIR HANDLING UNIT	12393 VA	208 V	3	4#6, 1#10G, 1" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
HP-1	HEAT PUMP	3727 VA	208 V	1	3#10, 1#10G, 3/4" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
HP-2	HEAT PUMP	3727 VA	208 V	1	3#10, 1#10G, 3/4" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
V-01	TERMINAL UNIT	2000 VA	277 V	1	2#12, #12, 3/4" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
V-10	TERMINAL UNIT	4000 VA	277 V	1	2#12, #12, 3/4" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
V-57	TERMINAL UNIT	2000 VA	277 V	1	2#12, #12, 3/4" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
V-58	TERMINAL UNIT	2000 VA	277 V	1	2#12, #12, 3/4" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
V-59	TERMINAL UNIT	6002 VA	480 V	3	4#12, #12G, 3/4" C.	PROVIDED WITH UNIT	DIV 23/DIV 23	
STARTER TYPES: FVNR FULL VOLTAGE NON-REVERSING FVR FULL VOLTAGE REVERSING 2-SPD TWO SPEED VFD VARIABLE FREQUENCY DRIVE RVS REDUCED VOLTAGE COMBINATION DISCONNECT TYPES: FS FUSED SWITCH NFS NON-FUSED SWITCH MCP MOTOR CIRCUIT PROTECTOR CB CIRCUIT BREAKER CONTROL DEVICES: HOA HAND-OFF-AUTO SWITCH RP RED (RUN) PILOT LIGHT GP GREEN (POWER) PILOT LIGHT 0/0 ON-OFF SELECTOR SWITCH SIS STOP-START PUSHBUTTONS								
NOTES: 1. INPUT AND OUTPUT CONDUCTORS TO AND FROM VFD'S SHALL BE INSTALLED IN SEPARATE RACEWAYS, INDEPENDENT FROM ANY OTHER CONDUCTORS, AND SHALL NOT PASS THRU ANY COMMON WIREWAY OR RACEWAY.								



FIRST FLOOR POWER PLAN
1/8" = 1'-0"

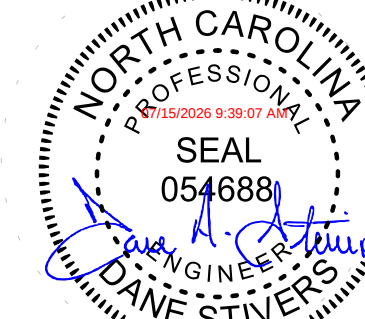
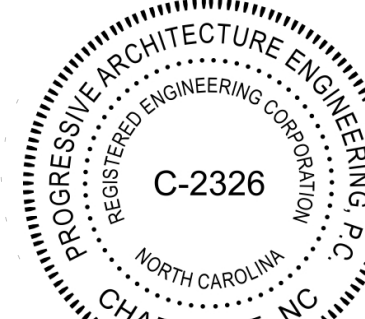
- POWER GENERAL NOTES**
- A. WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
 - B. VERIFY LOCATIONS AND ROUGH-IN REQUIREMENTS OF ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.
 - C. PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED AND GRADE MOUNTED ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DETAIL DRAWINGS FOR TRANSFORMER, GENERATOR, OR SWITCHGEAR PADS THAT MAY EXCEED REQUIREMENTS LISTED IN SPECIFICATIONS.
 - D. CONDUIT AND WIRE SHALL NOT BE INSTALLED BELOW FLOOR SLAB UNLESS INDICATED ON PLAN BY DASHED CONDUIT.
 - E. CIRCUIT WIRING IS NOT SHOWN EXCEPT FOR SWITCHING INTENT OF FIXTURES AND CONTROL OF DEVICES.
 - F. CIRCUIT NUMBERS AT DEVICES CORRESPOND TO PANELBOARD BREAKERS (SEE PANELBOARD SCHEDULE). BRANCH CIRCUITS SHALL BE SIZED ACCORDING TO THE CIRCUIT BREAKER RATING, UNLESS INDICATED OTHERWISE ON THE ELECTRICAL EQUIPMENT SCHEDULE.

- POWER KEYNOTES**
- 1. FURNISH AND INSTALL A NEW RECEPTACLE AT INDICATED LOCATION. ROUTE NEW BRANCH CIRCUIT WIRING FROM NEAREST EXISTING RECEPTACLE FOR TIE IN TO CIRCUIT.
 - 2. TRENCH FROM WALL TO FLOOR BOX LOCATION. ROUTE 3/4" CONDUIT FOR POWER AND CONNECT TO INDICATED CIRCUIT. ROUTE 1-1/4" CONDUIT WITH PULLSTRING FOR DATA CONNECTION.
 - 3. CONTRACTOR TO PROVIDE NEW FLUSH COVER PLATES AT EXISTING FLOOR BOX LOCATIONS. COLOR TO MATCH EXISTING FINISH COLOR IN AREA. COORDINATE FINISH COLOR WITH ARCHITECTURE PRIOR TO ORDERING.
 - 4. FURNISH AND INSTALL NEW FLOOR BOX FOR GYM EQUIPMENT. COORDINATE FINAL LOCATION OF FLOOR BOX WITH EQUIPMENT VENDOR LAYOUT PRIOR TO ROUGH-IN.
 - 5. TRENCH FROM WALL TO FLOOR BOX FOR ROUTING OF 3/4" CONDUIT FOR BRANCH CIRCUIT WIRING. CONNECT TO CIRCUIT INDICATED. COORDINATE FINAL LOCATION OF FLOOR BOX WITH EQUIPMENT VENDOR LAYOUT.
 - 6. FURNISH AND INSTALL NEW FIRE ALARM DEVICE. ROUTE NEW LOW VOLTAGE WIRING AND CONNECT TO NEAREST DEVICE ON LOOP FOR TIE-IN TO EXISTING FIRE ALARM SYSTEM.
 - 7. POWER AND DATA FOR RELOCATED MONITOR. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECTURE PRIOR TO ROUGH-IN.
 - 8. REINSTALL EXISTING PANELS AND SURGE PROTECTION DEVICE REMOVED DURING DEMOLITION AT INDICATED LOCATION. RECONNECT FEEDERS AND ALL BRANCH CIRCUIT WIRING TO ALIGN WITH ORIGINAL LAYOUT. CONSIDER THE EXISTING FEEDER AND BRANCH CIRCUIT WIRING LENGTHS TO BE ADEQUATE. IN THE EVENT THEY ARE NOT, INSTALL A PULL BOX WITH SPLICES FOR ANY EXTENSIONS THAT MAY BE NEEDED.
 - 9. **ALTERNATE #1:** POWER CONNECTION FOR MOTORIZED PARTITION. COORDINATE EXACT LOCATION WITH EQUIPMENT MANUFACTURER REQUIREMENTS. ROUTE LOW VOLTAGE CONTROL WIRING FROM CONTROL BOX TO CONTROL SWITCH. COORDINATE CONTROL SWITCH LOCATION WITH ARCHITECTURE PRIOR TO ROUGH-IN.
 - 10. INSTALL CARD READER REMOVED DURING DEMOLITION PHASE TO INDICATED LOCATION. ROUTE 1" C WITH PULL STRING AND END BUSHING AND STUB TO ABOVE ACCESSIBLE CEILING. CARD READERS TO BE PROGRAMMED BY THE OWNER.
 - 11. POWER AND DATA FOR FUTURE CEILING MOUNT TV MONITOR. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
 - 12. CEILING JUNCTION BOX FOR FUTURE CAMERA. ROUTE 1" CONDUIT WITH PULL STRING BACK TO IT CLOSET.
 - 13. POWER AND DATA FOR FUTURE CEILING MOUNT PROJECTOR. PROJECTOR TO BE FURNISHED AND INSTALLED BY OWNER. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. COORDINATE PROJECTOR CONTROLLER LOCATION AND MOUNTING HEIGHT WITH OWNER. ROUTE 3/4" CONDUIT WITH PULLSTRING FROM JUNCTION BOX LOCATION TO CONTROLLER LOCATION.

GREENVILLE UTILITIES COMMISSION

RENOVATIONS TO OPERATION CENTER
BUILDING 2

3355 NC-43, GREENVILLE, NC 27634



This form has been electronically signed and sealed by Doreen A. Stivers using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

ISSUANCE
05/15/2026 CONSTRUCTION DOCUMENTS
1 05/15/2026 ADDENDUM #1

PROJECT NUMBER
21550003
PROJECT MANAGER
A. IDOL
PROFESSIONAL
D. STIVERS, PE
DRAWN BY
D. HARRIS WILLIAMS
CHECKED BY
D. STIVERS, PE

FIRST FLOOR
POWER PLAN
2EP101

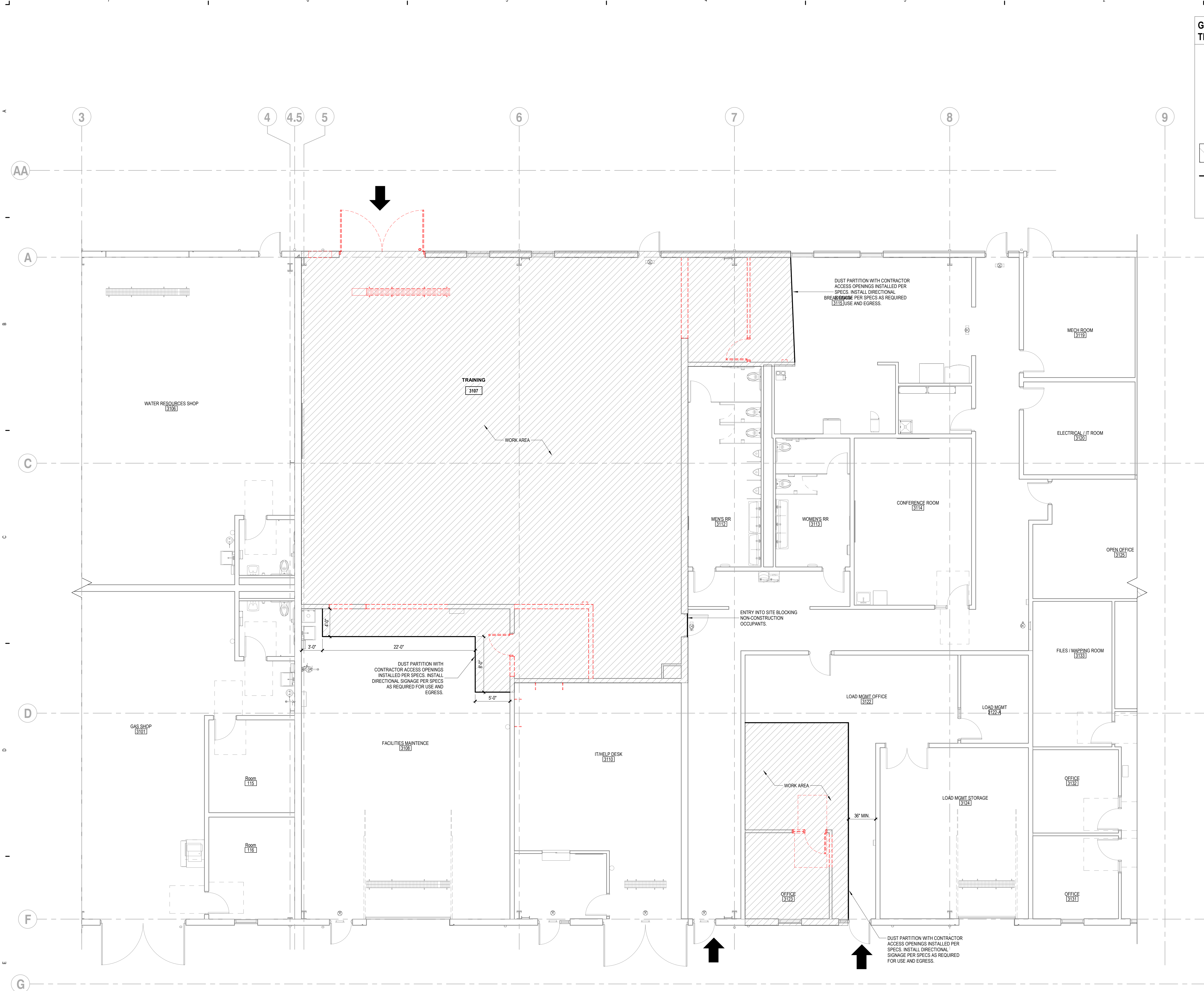
PROGRESSIVE ARCHITECTURE ENGINEERING, P.C.
**PROGRESSIVE
COMPANIES**
Charlotte, NC | Detroit, MI | Grand Rapids, MI
weareprogressive.com



1. PROPOSED CONTRACTOR PARKING, TEMPORARY TOILET, LAY DOWN AREA, AND DUMPSITER TO BE LOCATED WITHIN THE PARKING LOT LIMITS INDICATED BY THE CONTRACTOR. COORDINATE WITH OWNER THE EXTERIOR SPACE REQUIRED, LOADING AND UNLOADING WILL ALL TAKE PLACE IN THE SAME ZONE.
2. PARKING LOT DESIGNATED IS ADJACENT TO THE BUILDING.
3. CONTRACTOR TO COORDINATE CAR ACCESS TO THE GATE ACCESS AND TO THE BUILDING WITH OWNER.
4. ITEMS IN THE BUILDING, ONLY INSIDE THE PROJECT AREAS, OR LAY DOWN AREA, G.C. RESPONSIBLE FOR SECURING ALL ITEMS RELATED TO THE PROJECT.
5. ALL INTERIOR FINISHES TO BE PROTECTED AS NECESSARY DURING WORK STOP PERIOD. G.C. SHALL CLEAN UP PROJECT AREAS AND ANY ROUTES INTO THE BUILDING WITH CONSTRUCTION DEBRIS.



This item has been electronically signed and sealed by Yi Luo using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



**GENERAL NOTES -
TEMPORARY DUST PARTITIONS**

WORK AREA

TEMPORARY PARTITION

ENTRANCE TO BUILDING

1. CONSTRUCTION OF TEMPORARY PARTITIONS PER SPECS SECTION 01 5000.

2. ALL AREAS WITHIN THE DUST PARTITION WILL BE OFFLINE DURING CONSTRUCTION.

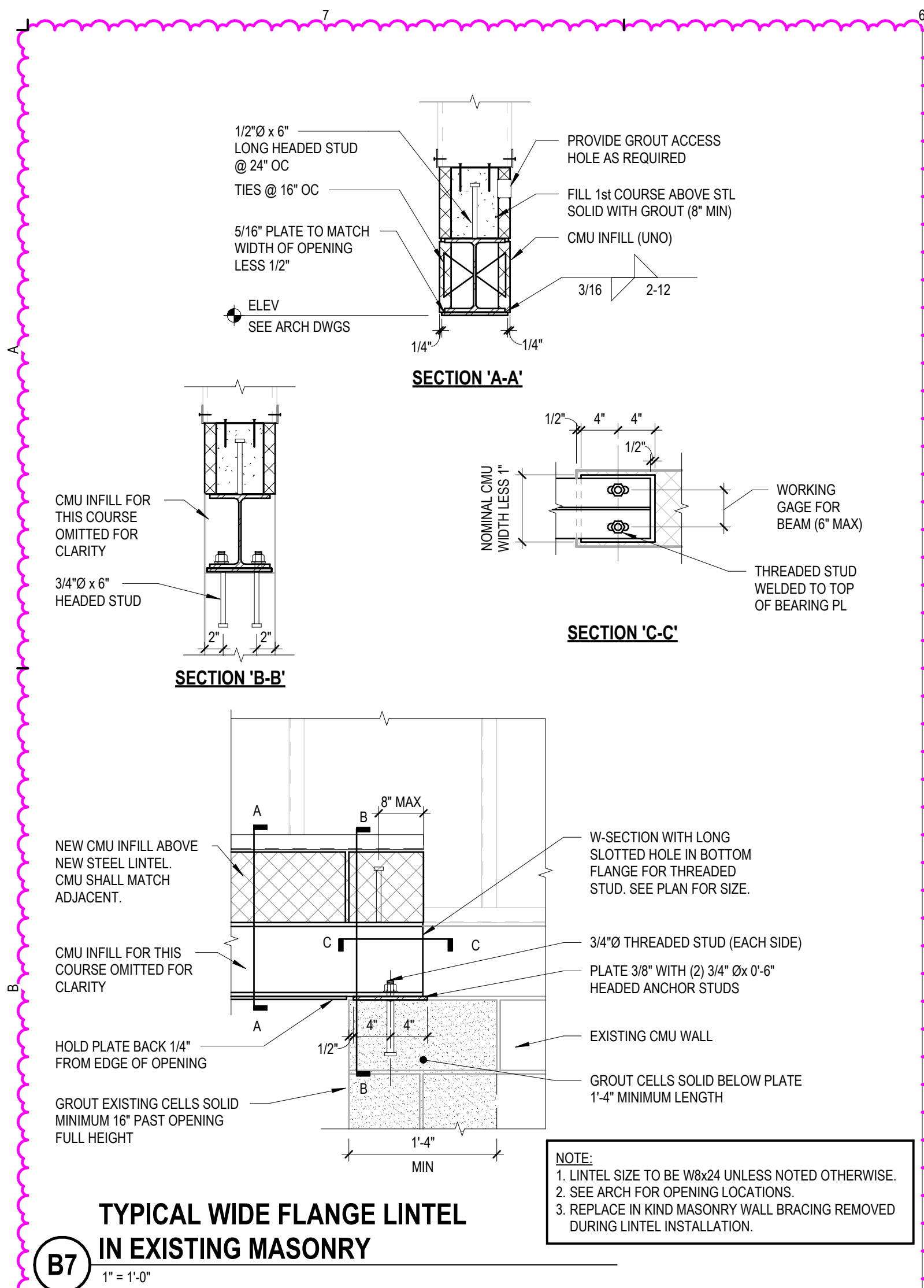
3. G.C. TO CONFIRM WITH OWNER PROPOSED TEMPORARY PARTITIONS SHOWN IN PLAN.

4. TEMPORARY PARTITIONS CAN BE ADJUSTED AS NEEDED ONCE SPACES GET FURTHER ALONG.

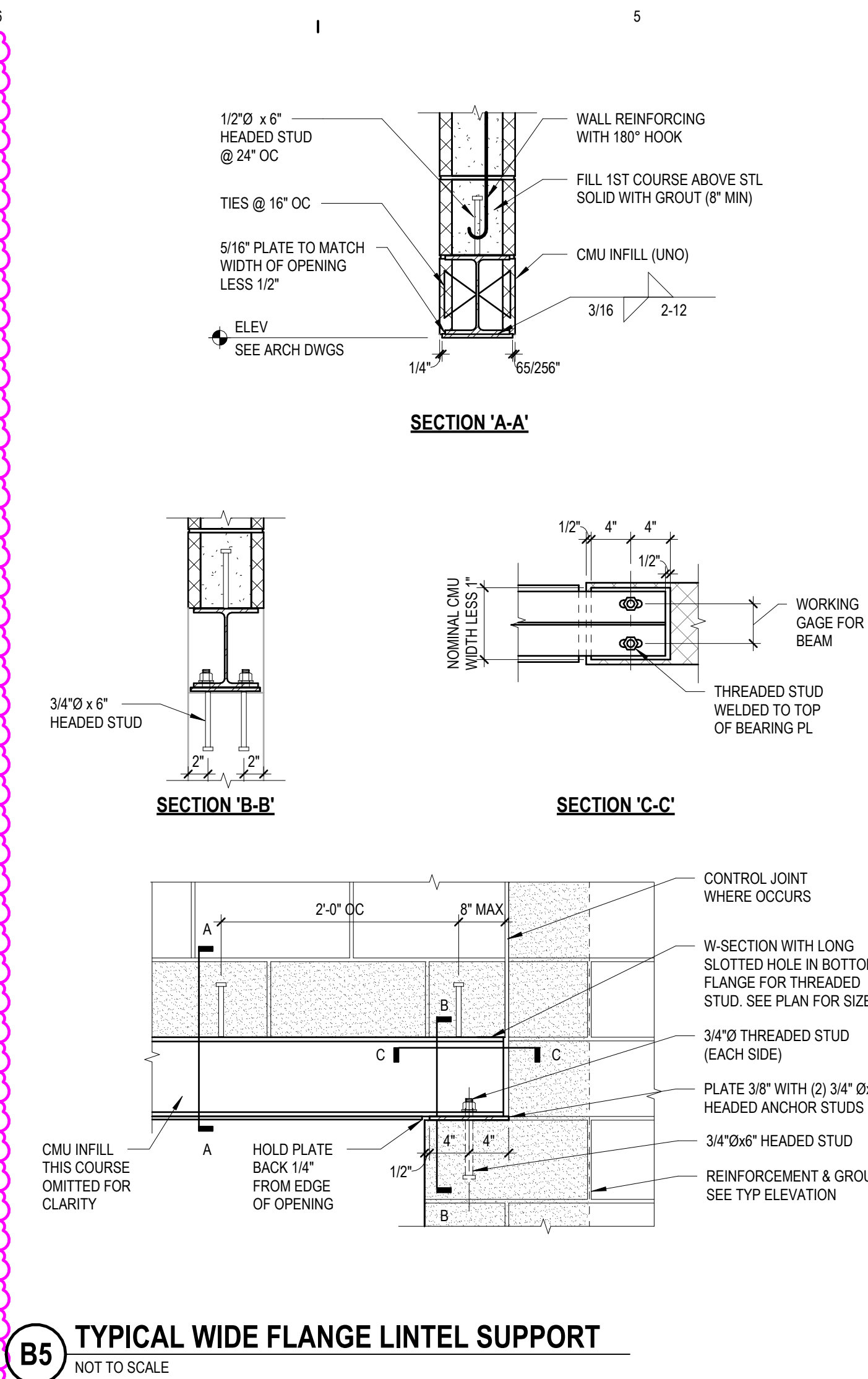
5. PROVIDE MINIMUM CORRIDOR CLEARANCES SHOWN IN PLAN TO COMPLY WITH TEMPORARY EGRESS.

6. COORDINATE TEMPORARY SIGNAGE INSIDE THE WORK AREAS WITH CONTRACTOR ACCESS. TEMPORARY EXIT SIGNS TO BE HIGH REFLECTIVE.

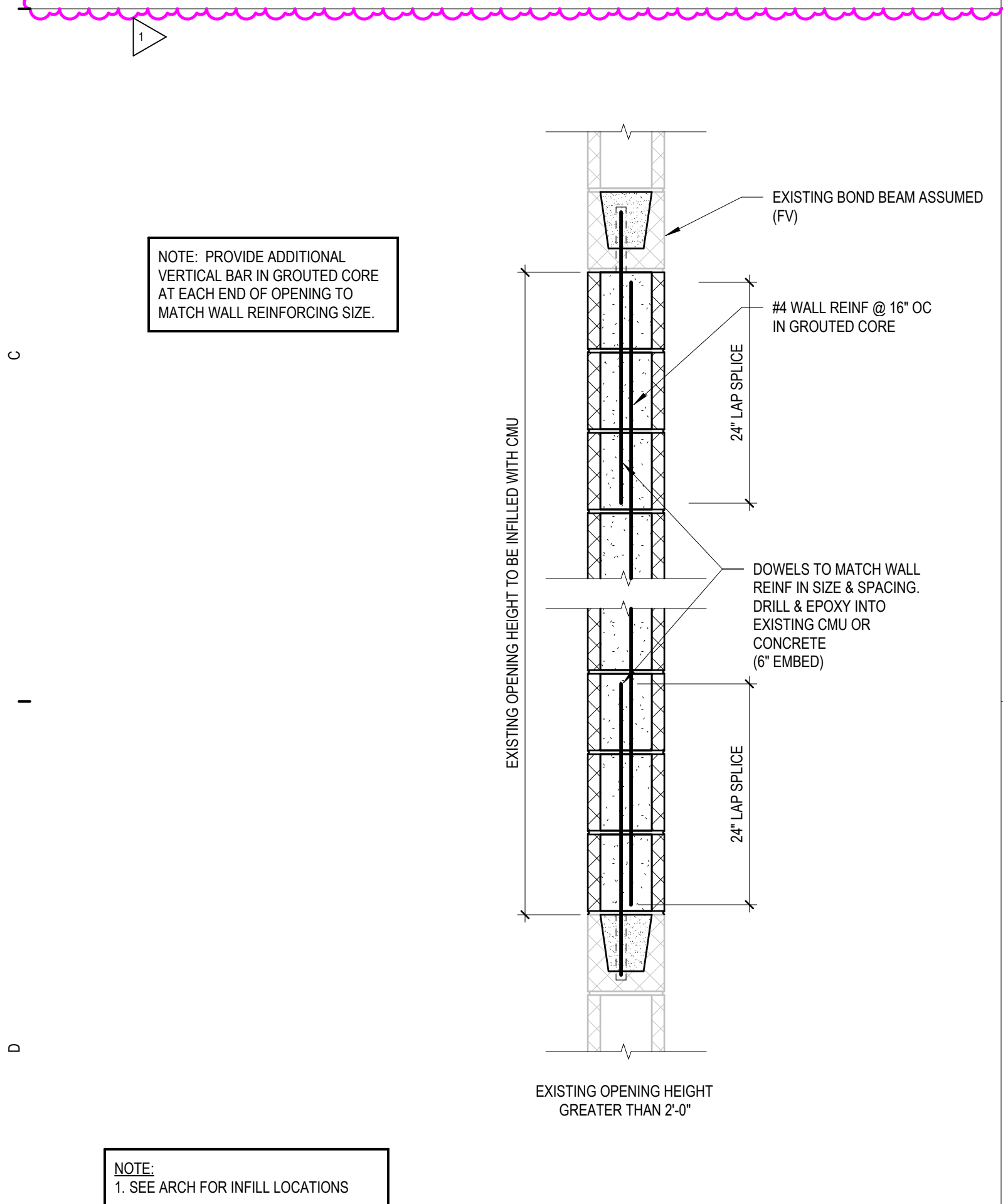
E3 TEMPORARY DUST PARTITION PLAN
3/16" = 1'-0"



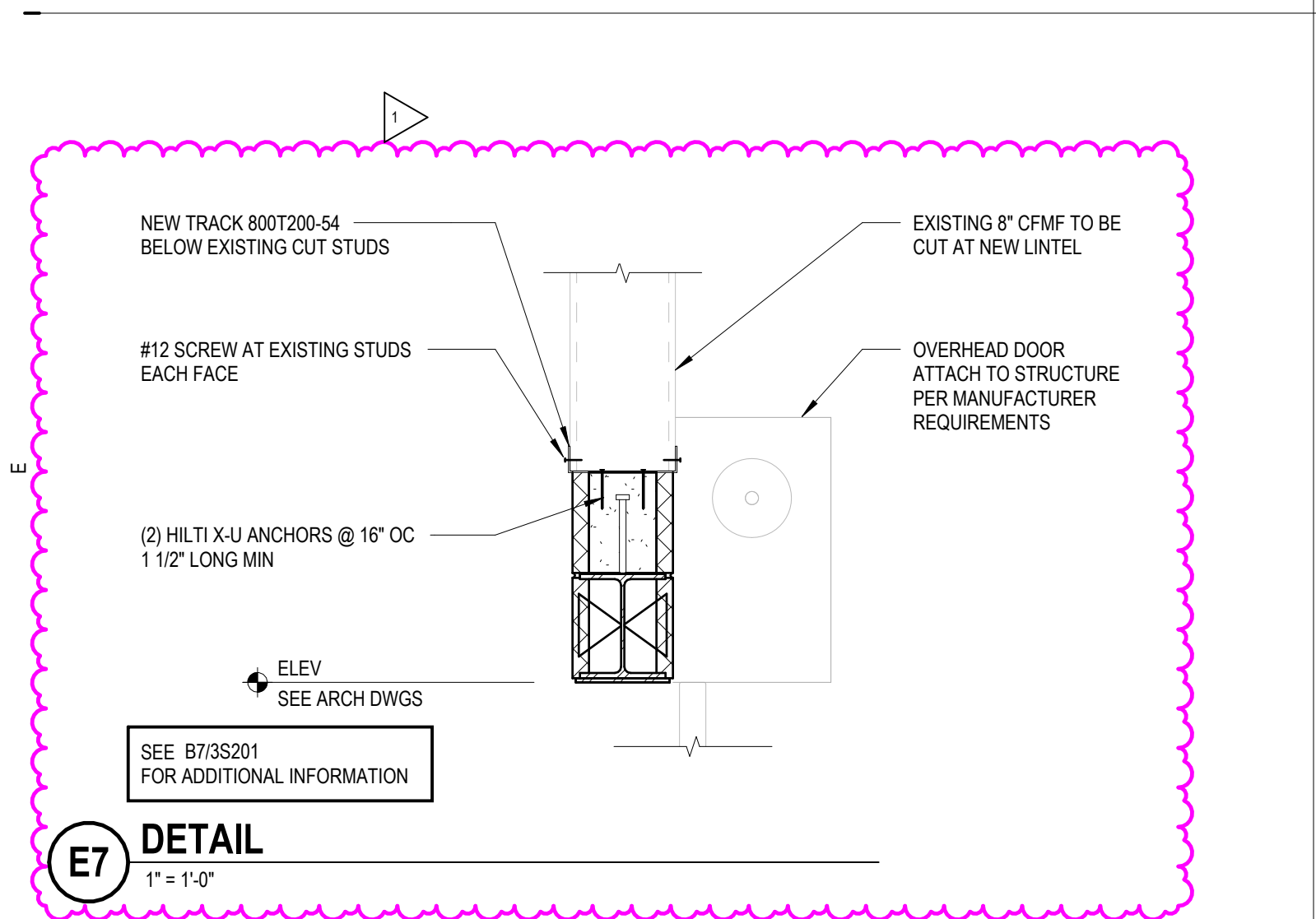
B7 TYPICAL WIDE FLANGE LINTEL
IN EXISTING MASONRY
1" = 1'-0"



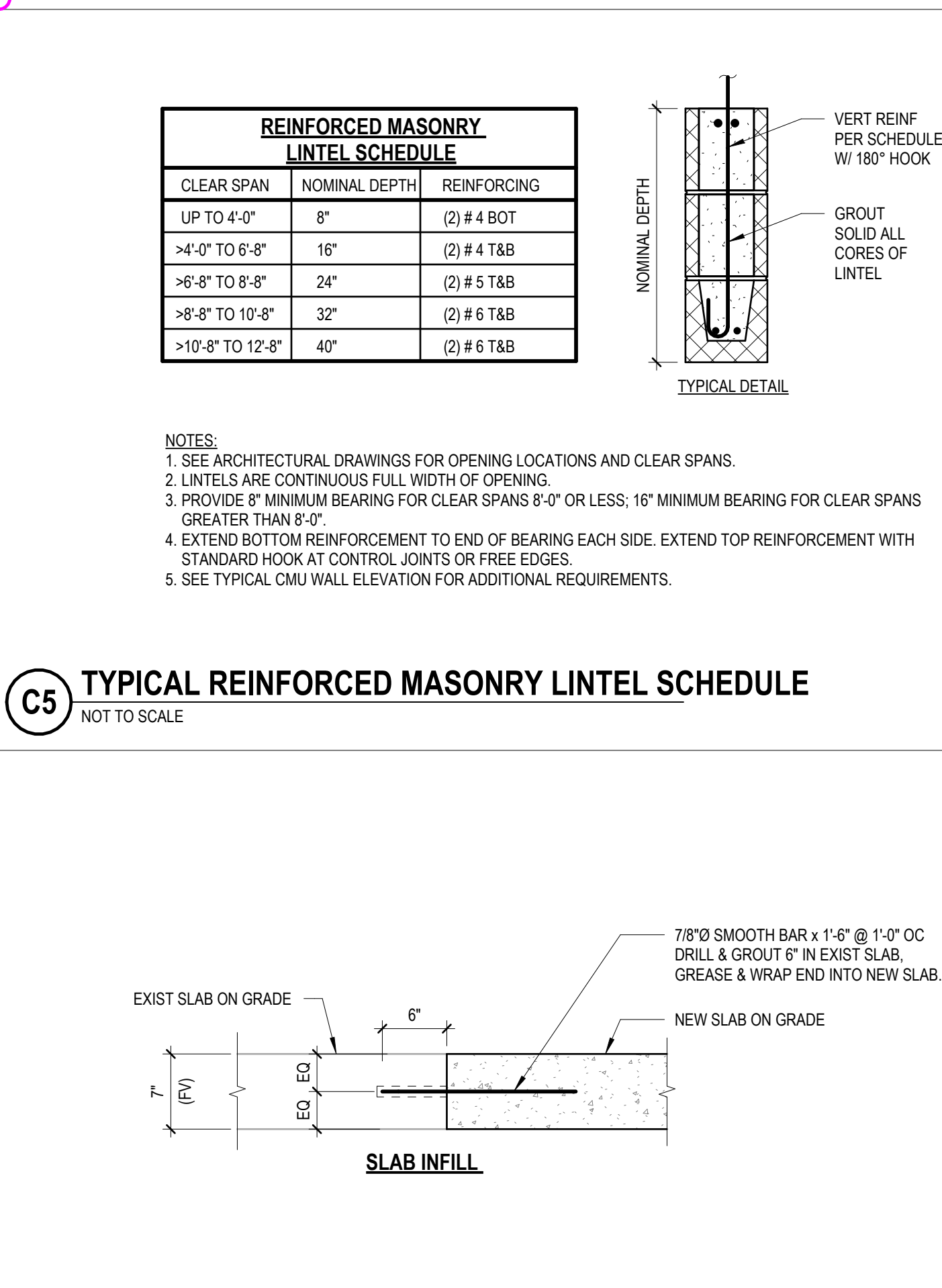
B5 TYPICAL WIDE FLANGE LINTEL SUPPORT
NOT TO SCALE



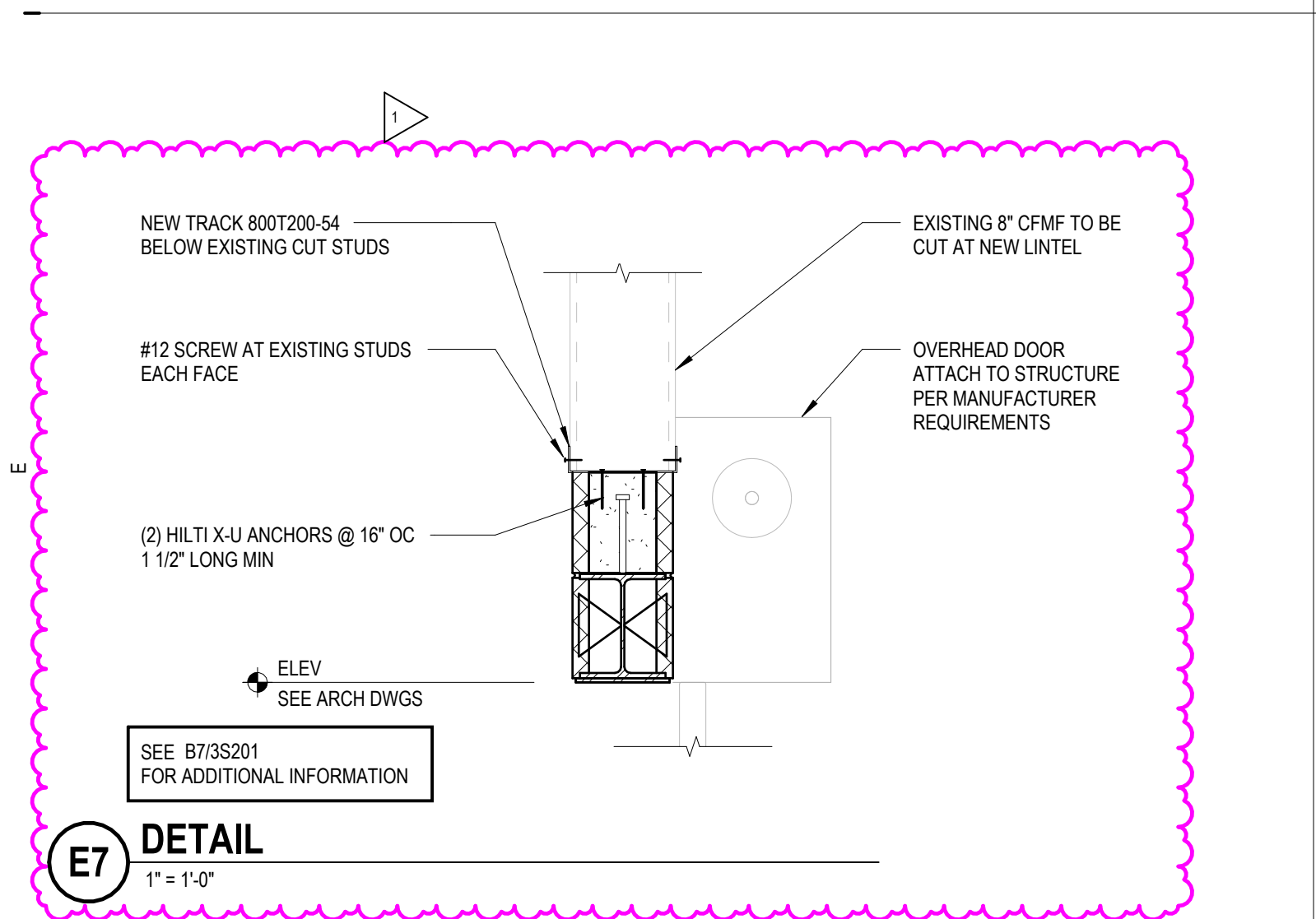
D7 TYPICAL CMU INFILL DETAIL
NOT TO SCALE



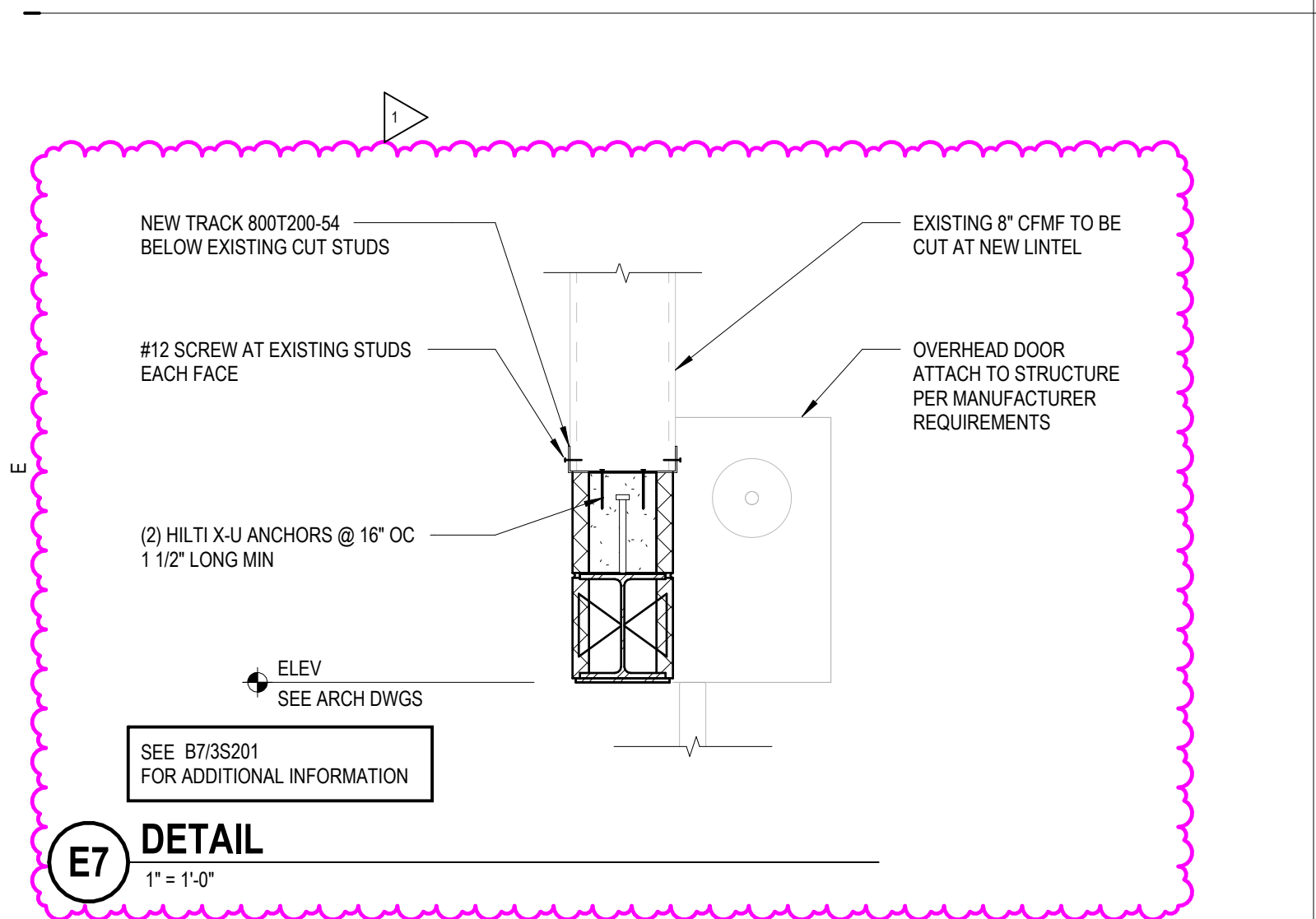
E5 TYPICAL BASE PLATES
1" = 1'-0"



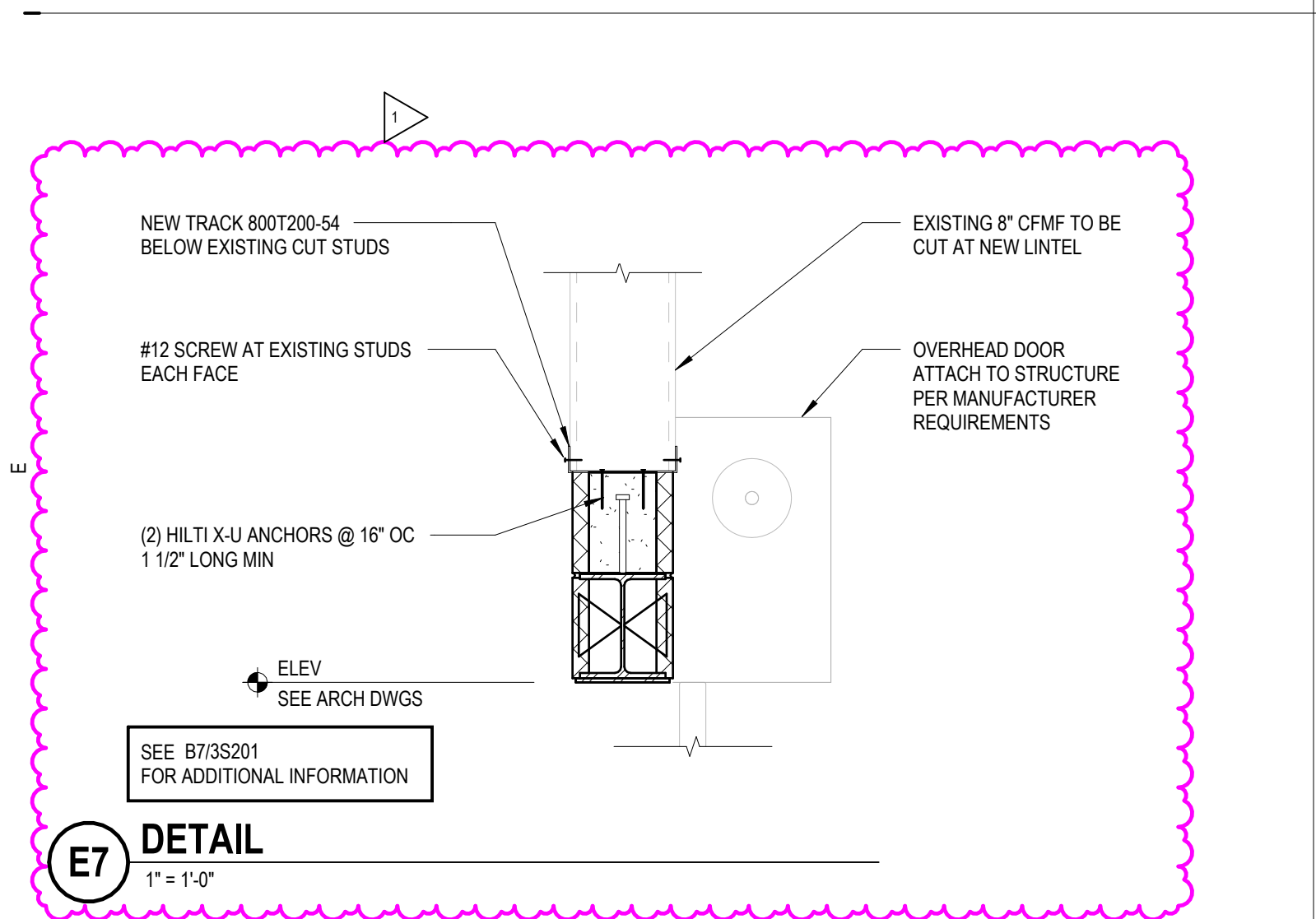
C5 TYPICAL REINFORCED MASONRY LINTEL SCHEDULE
NOT TO SCALE



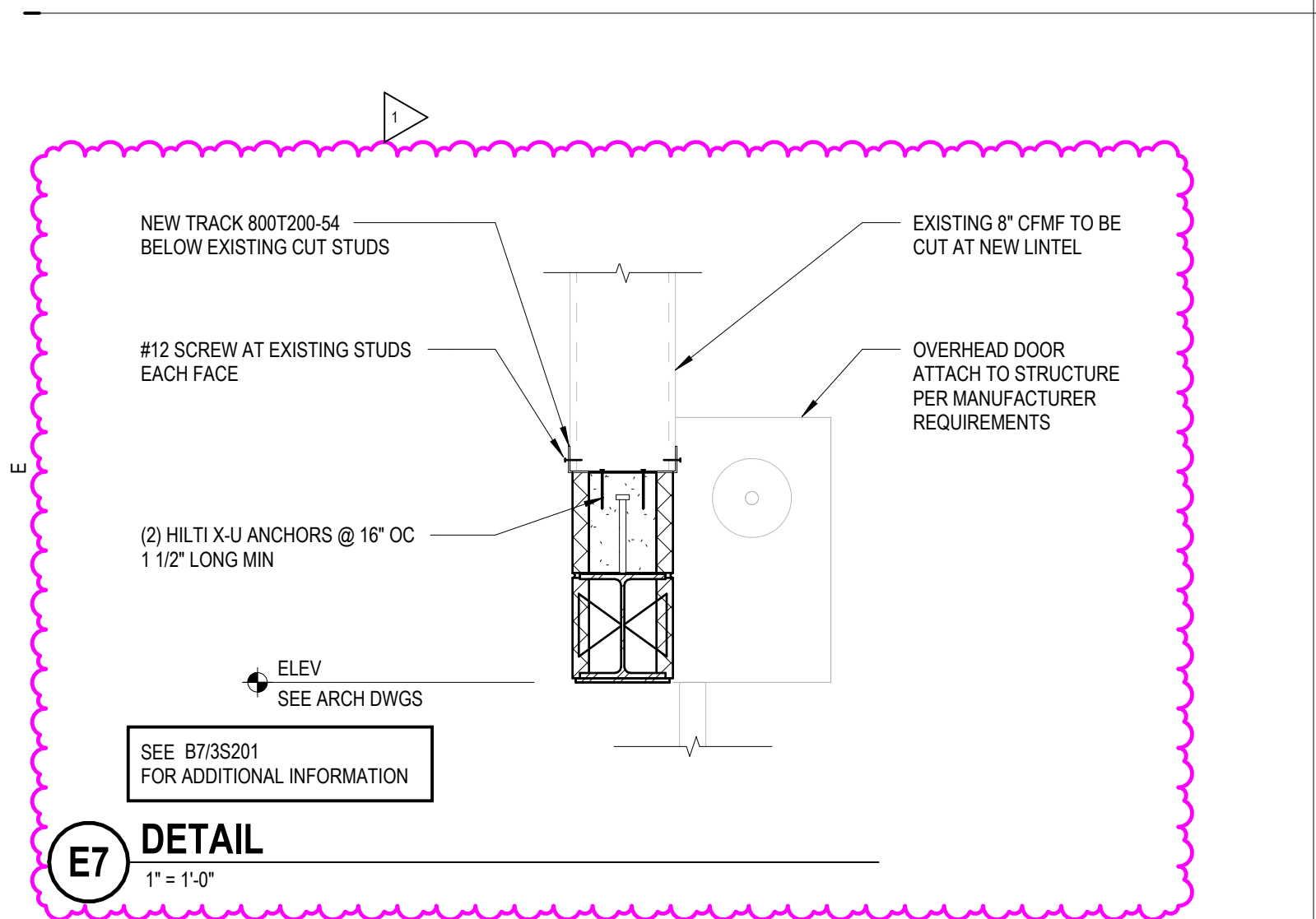
D5 DETAIL
NOT TO SCALE



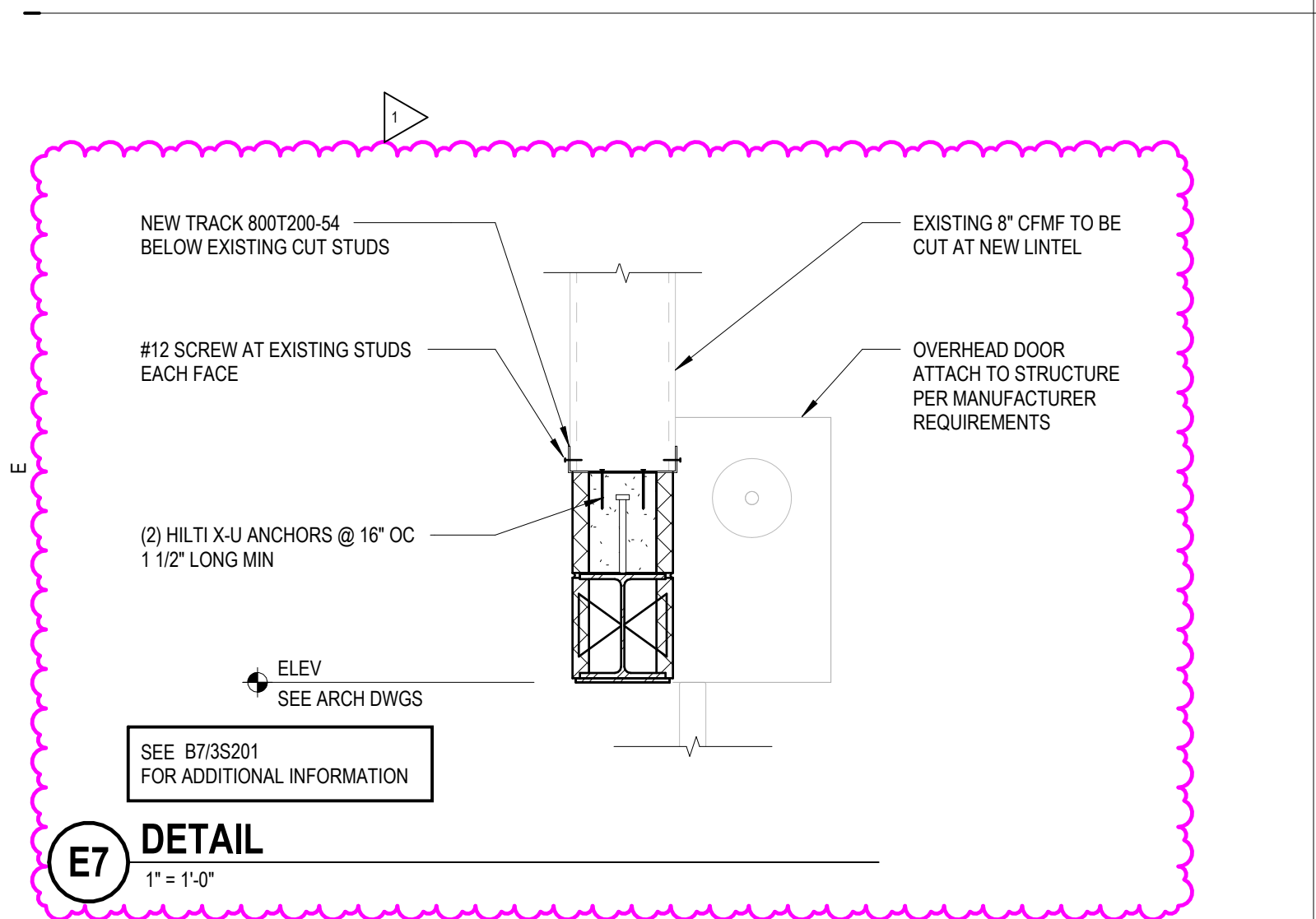
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



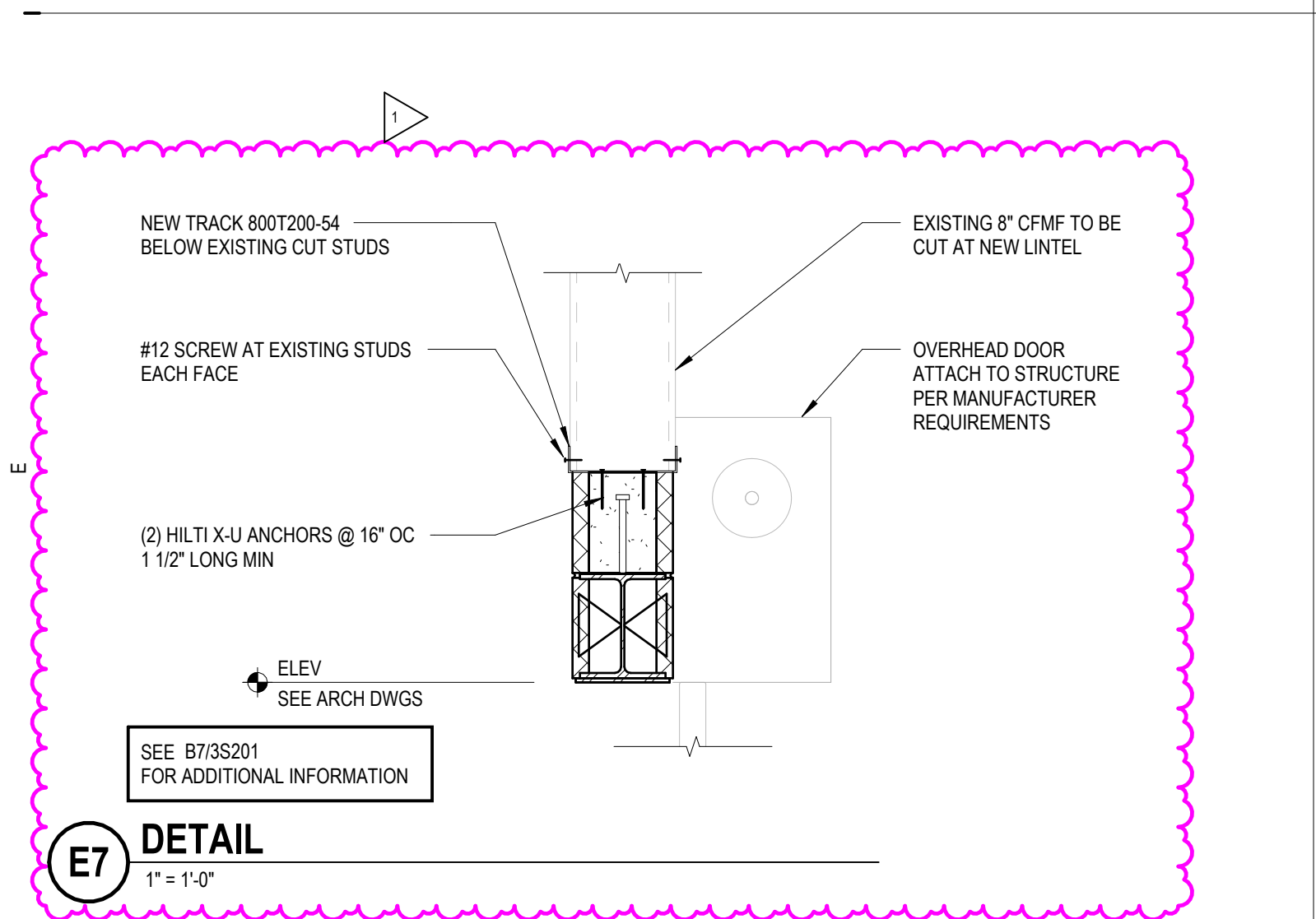
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



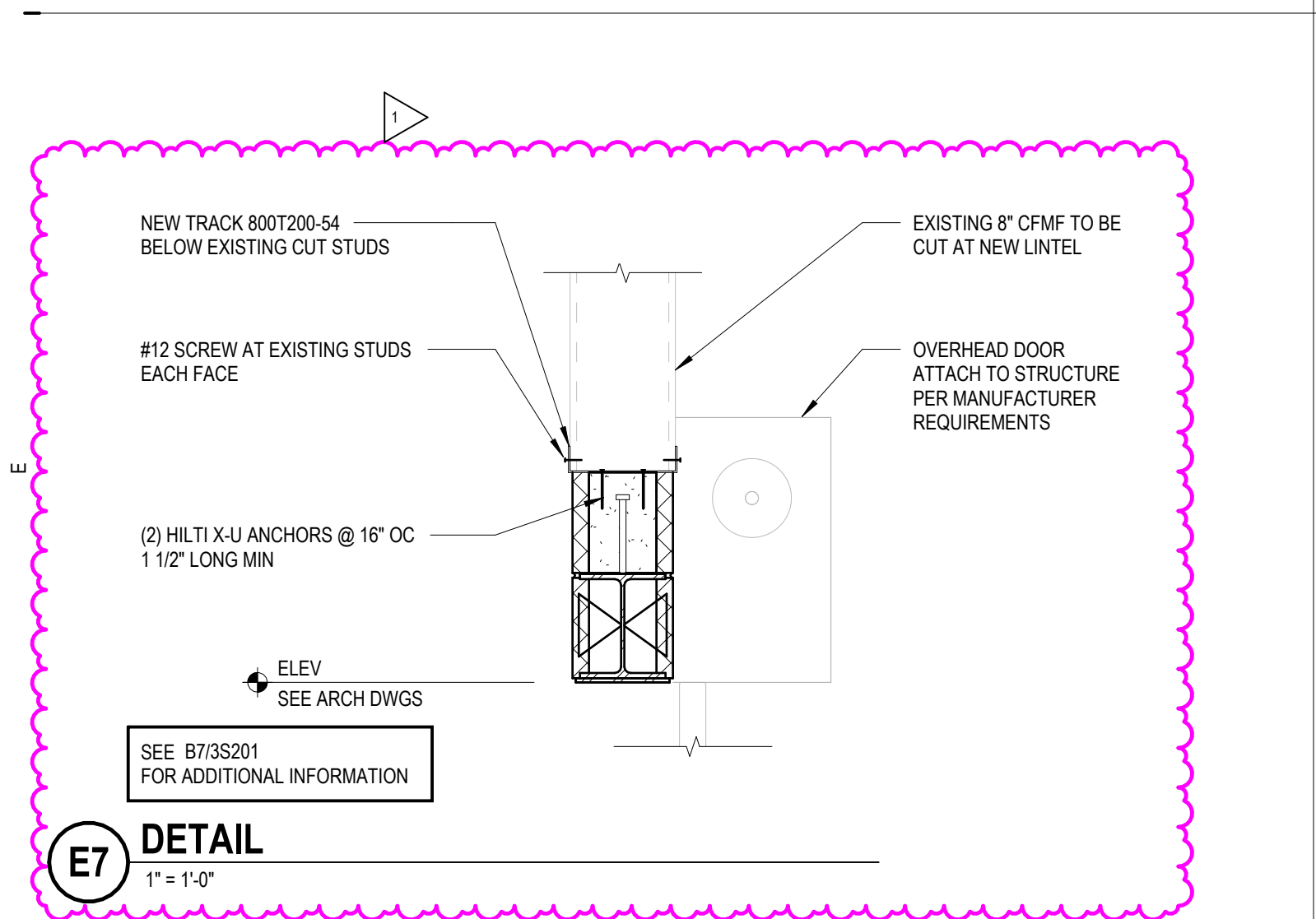
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



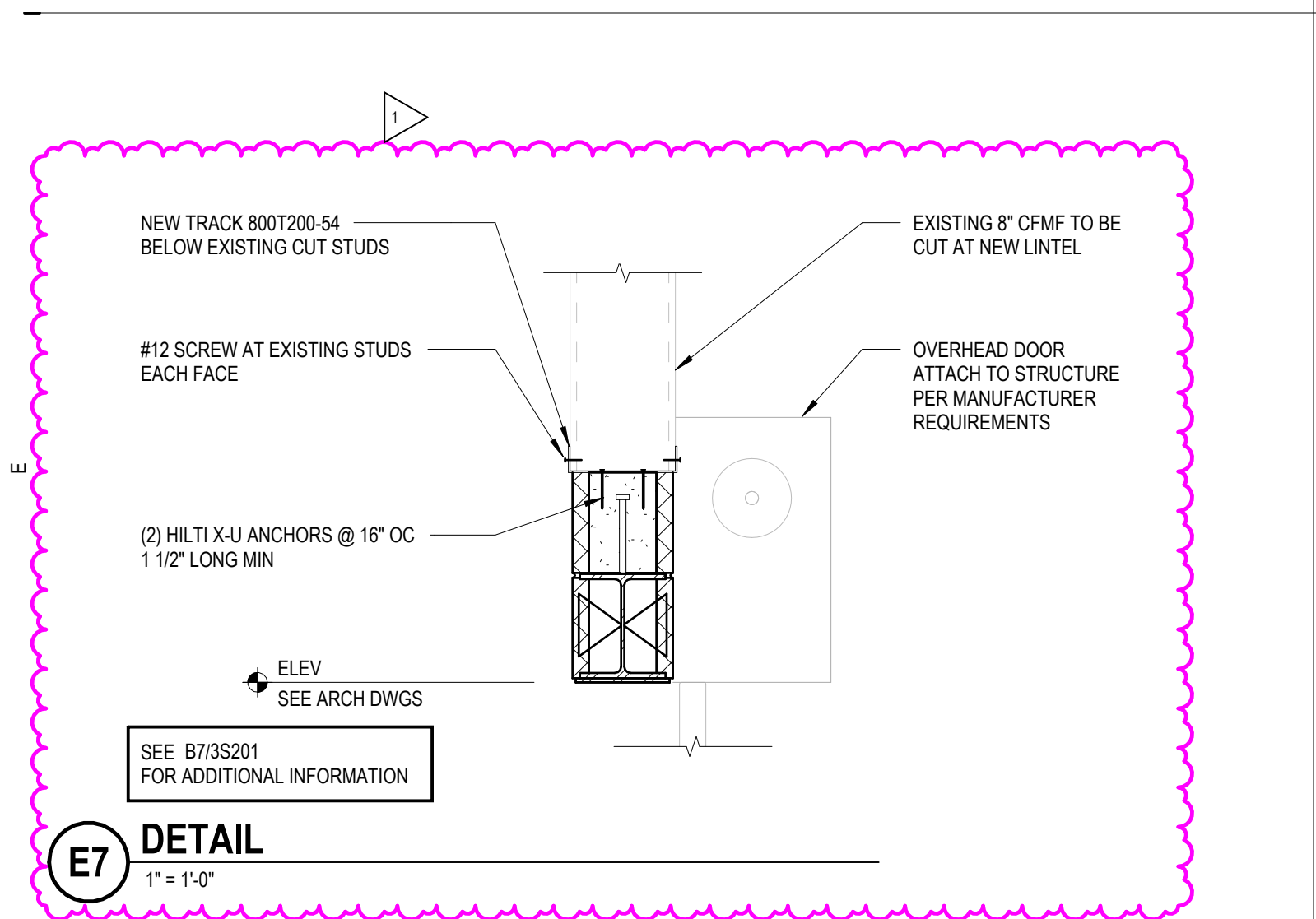
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



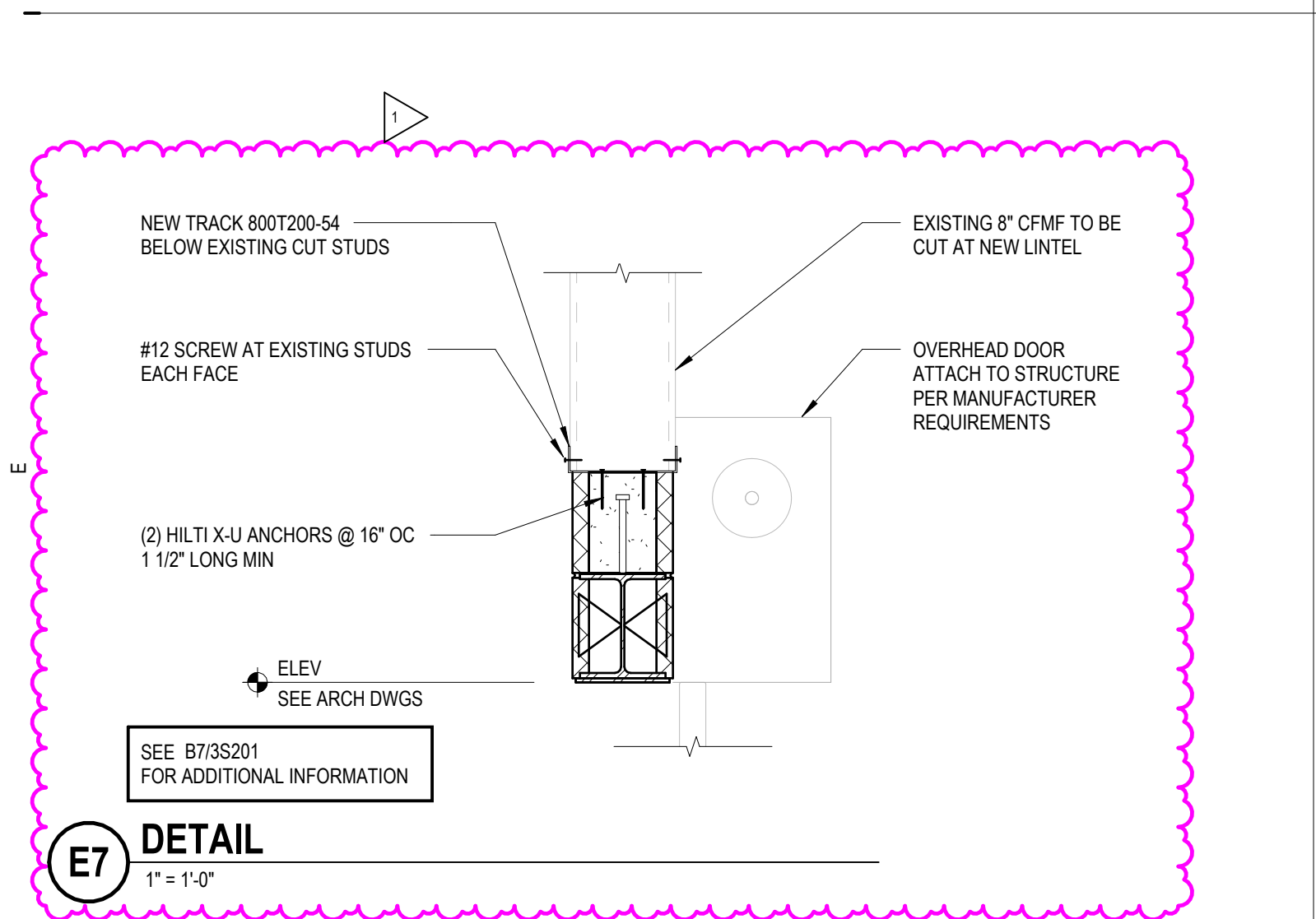
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



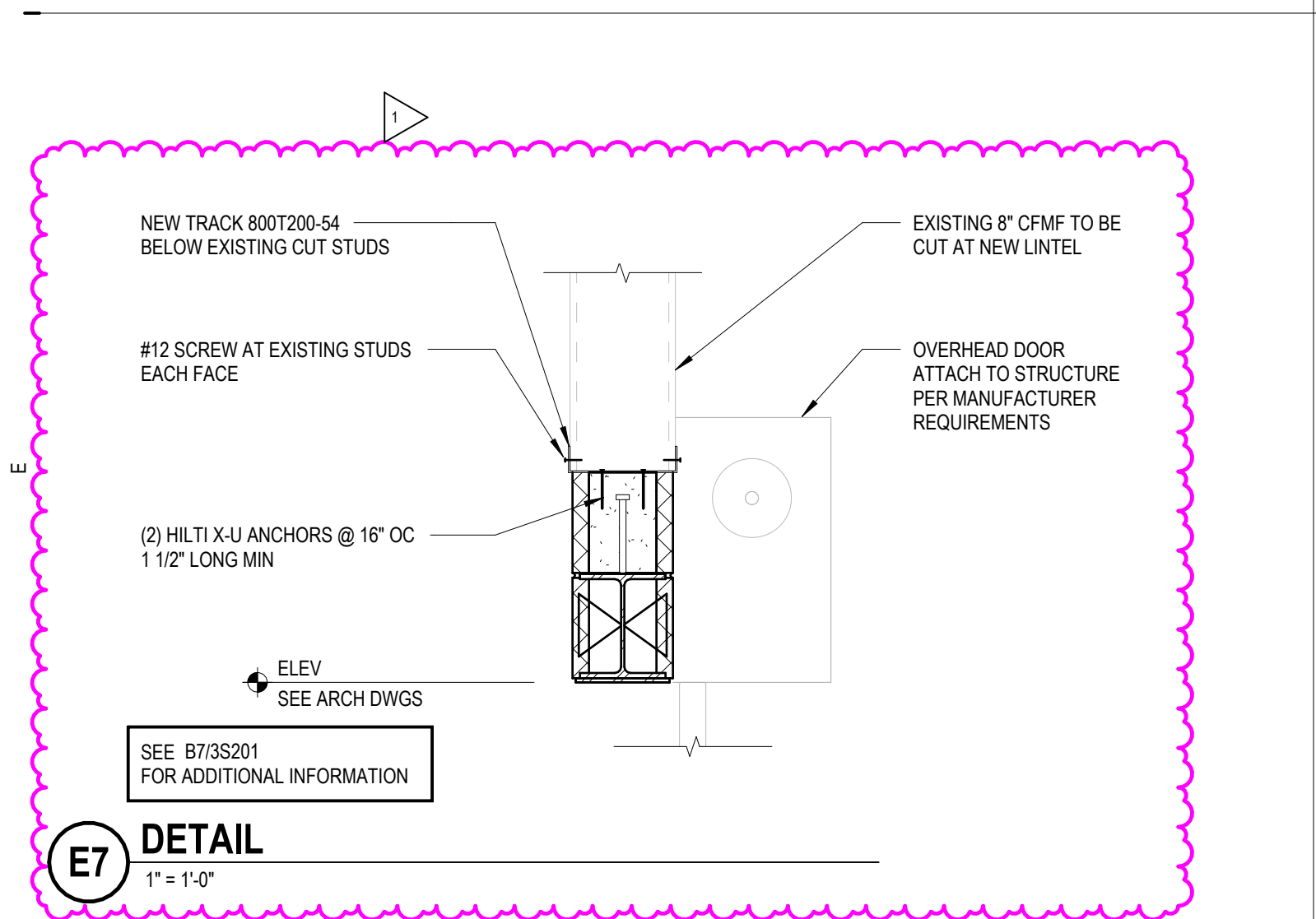
E1 TYPICAL BEARING PLATE
NOT TO SCALE



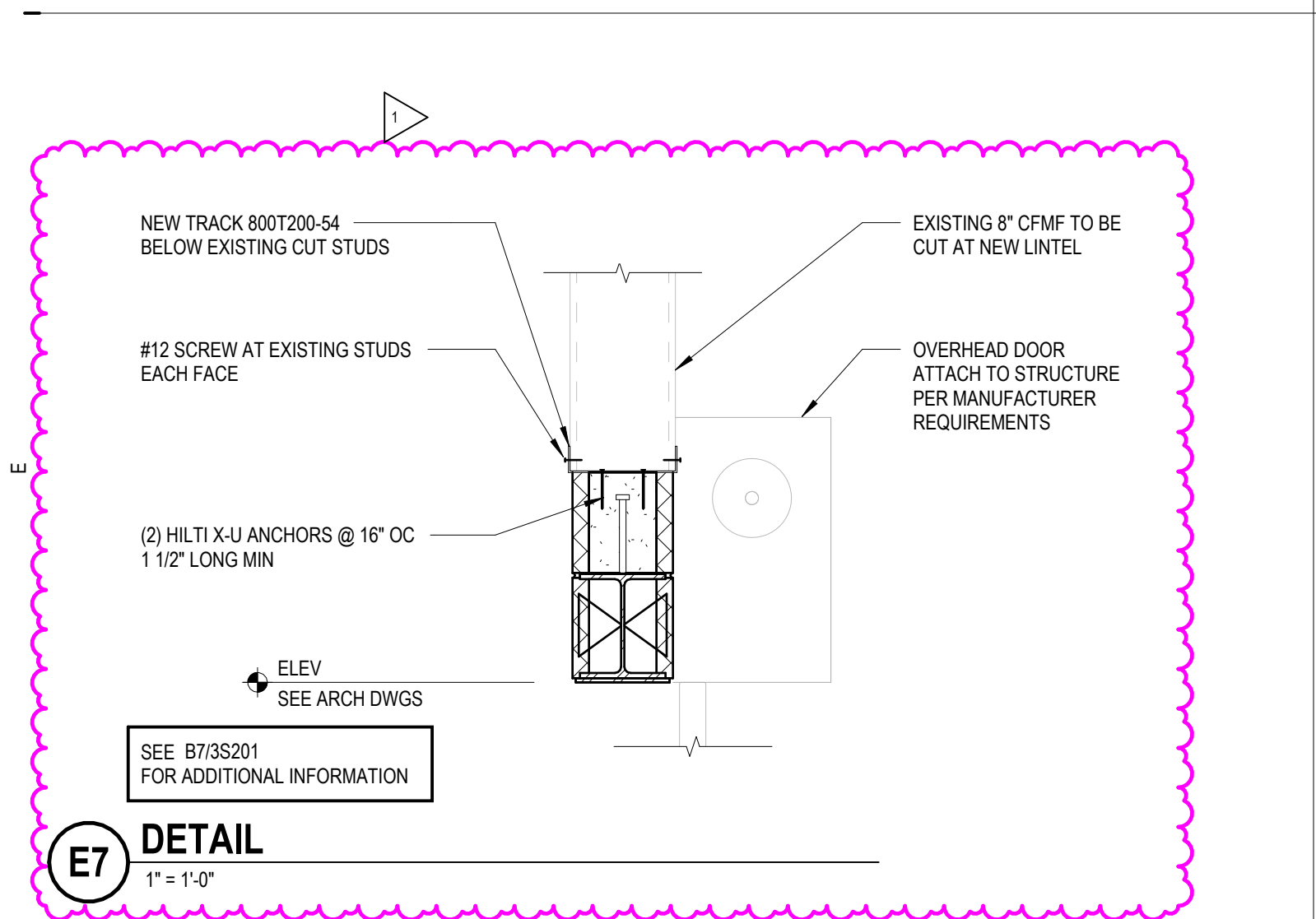
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



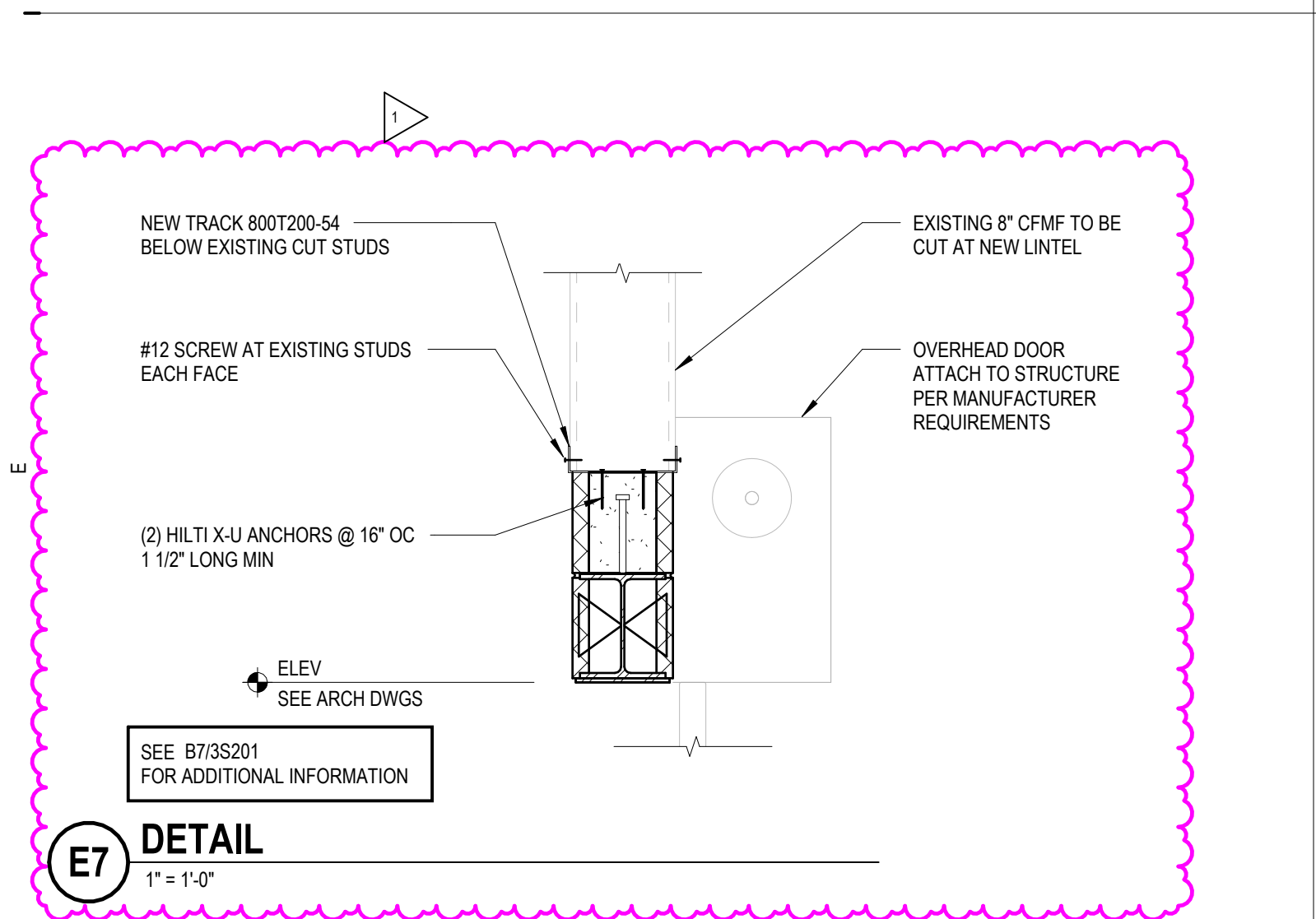
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



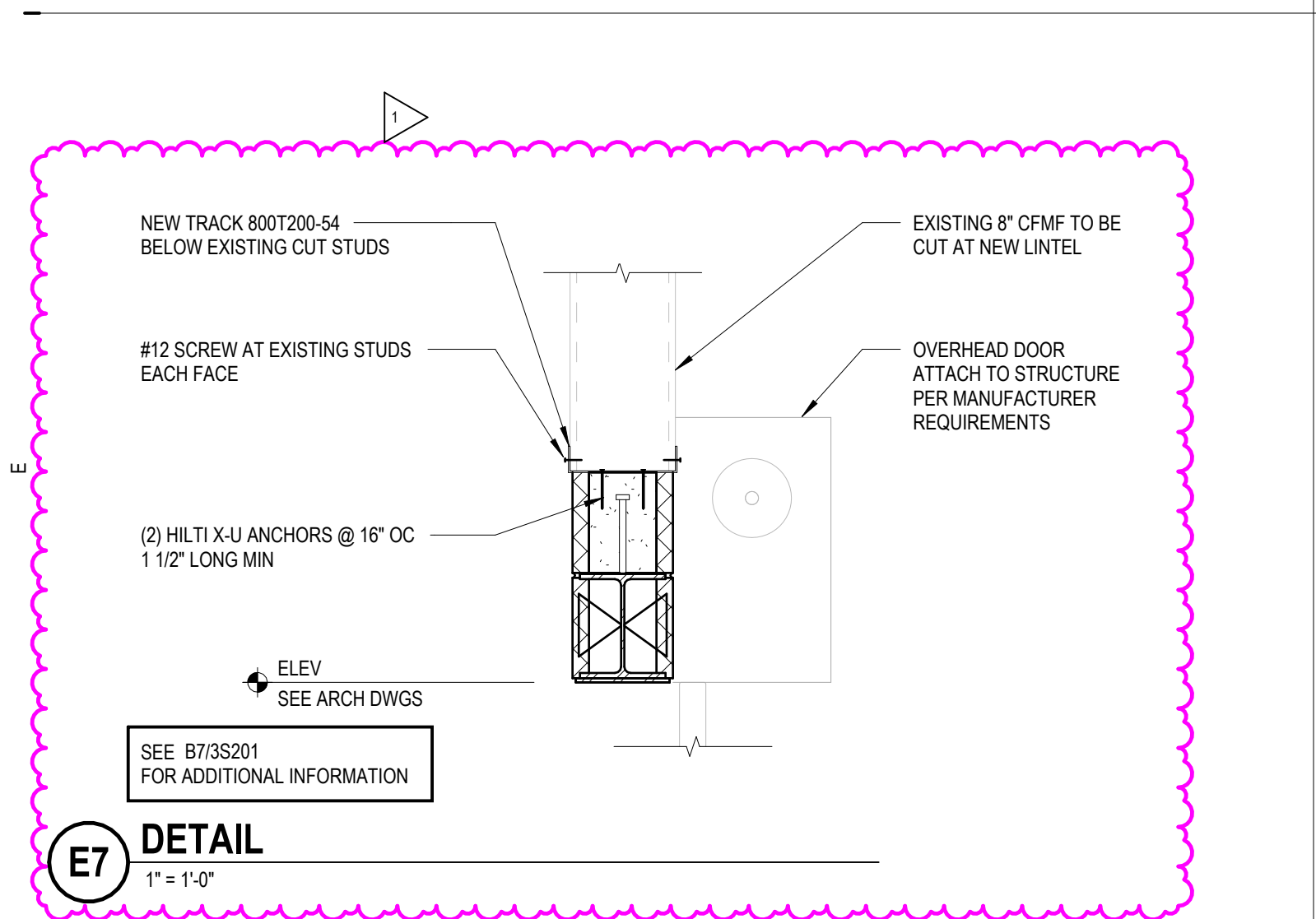
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



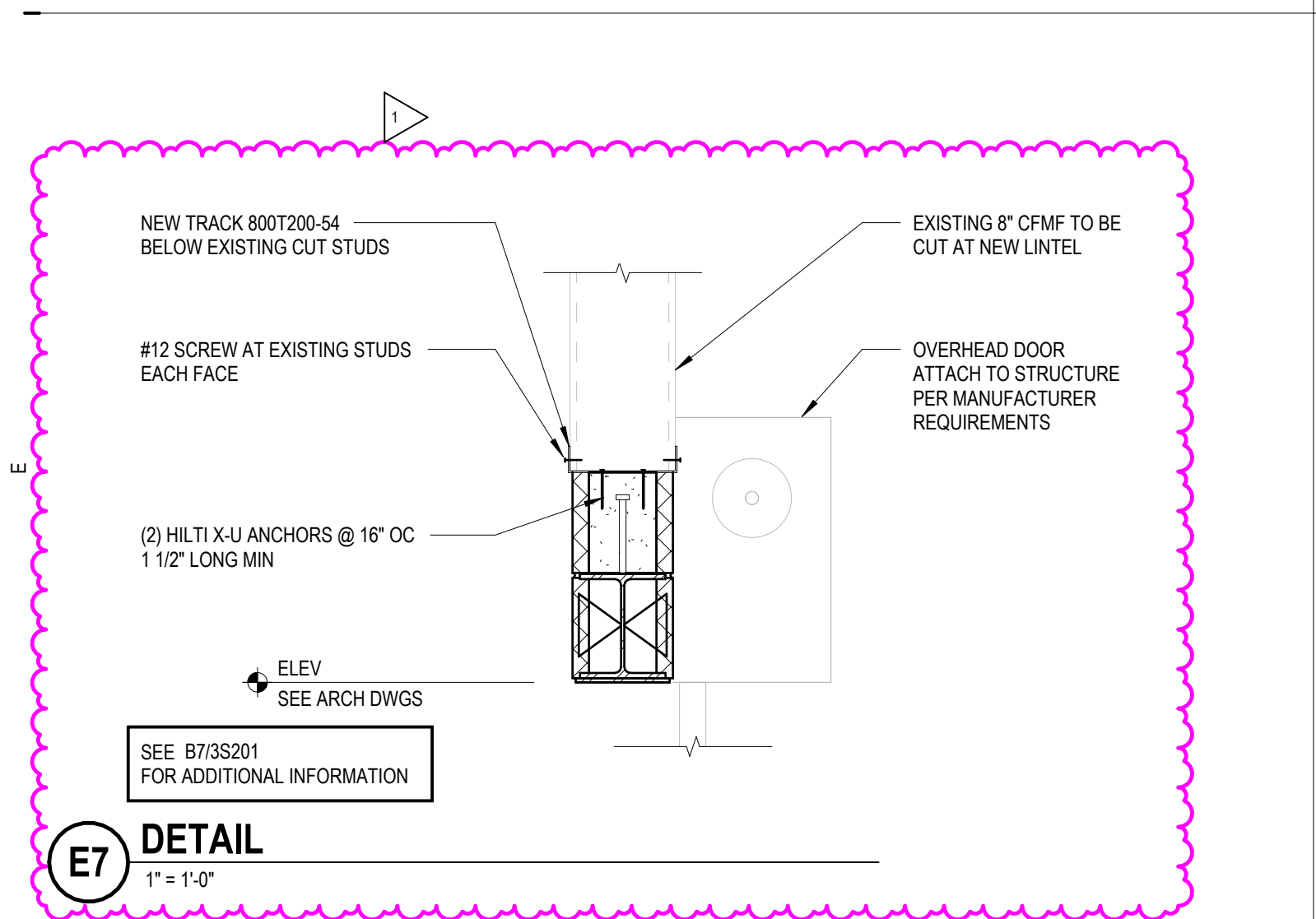
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



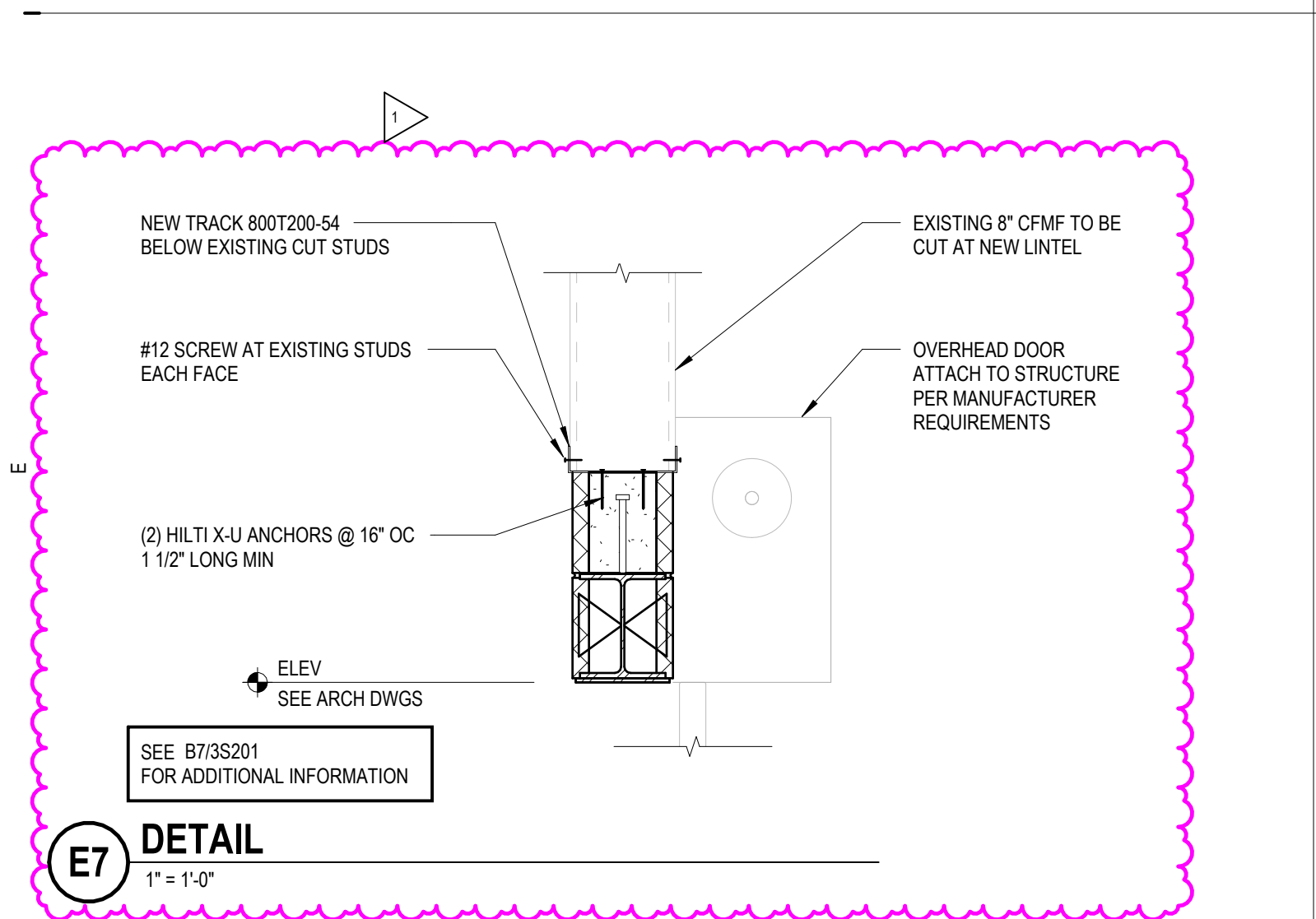
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



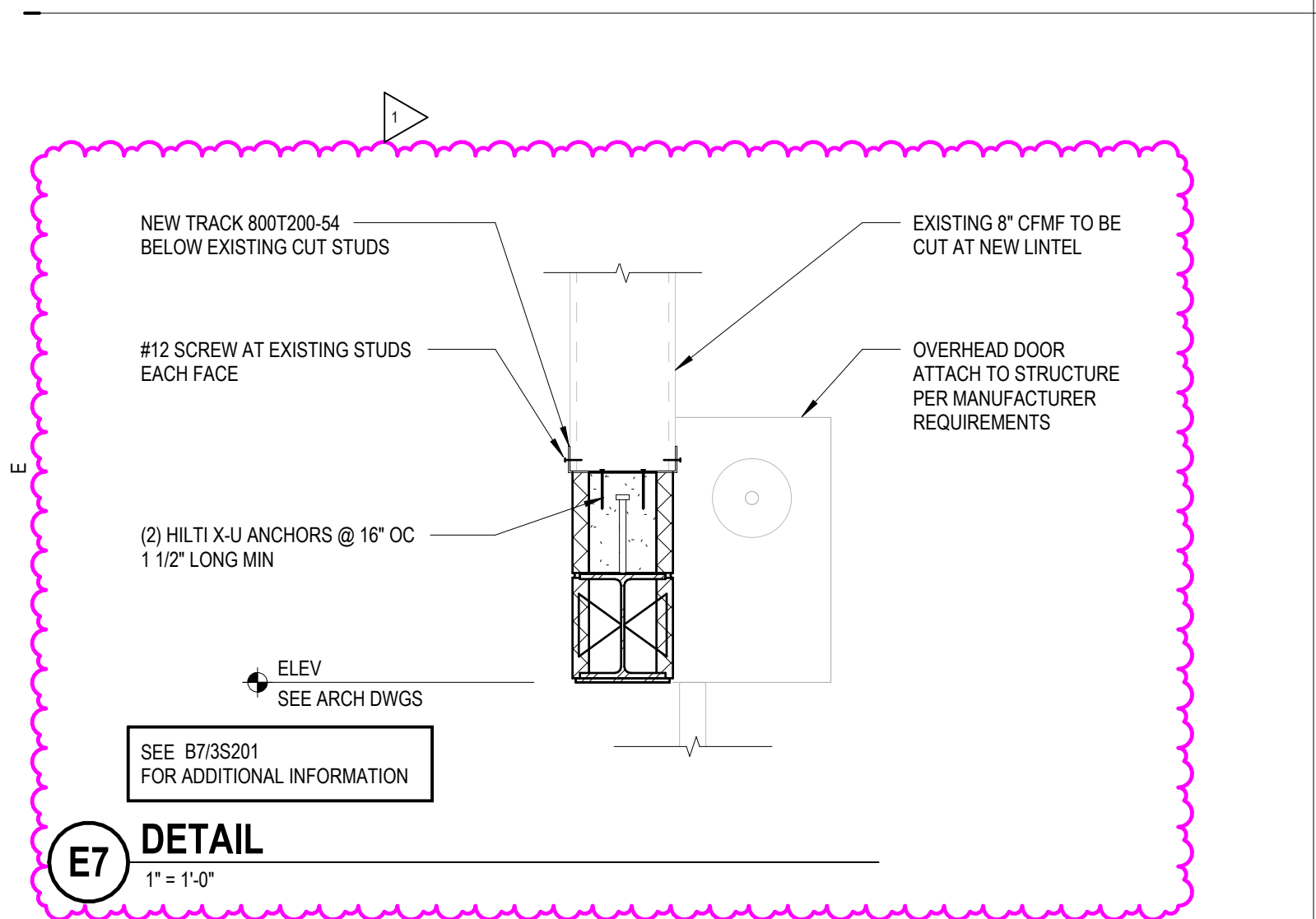
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



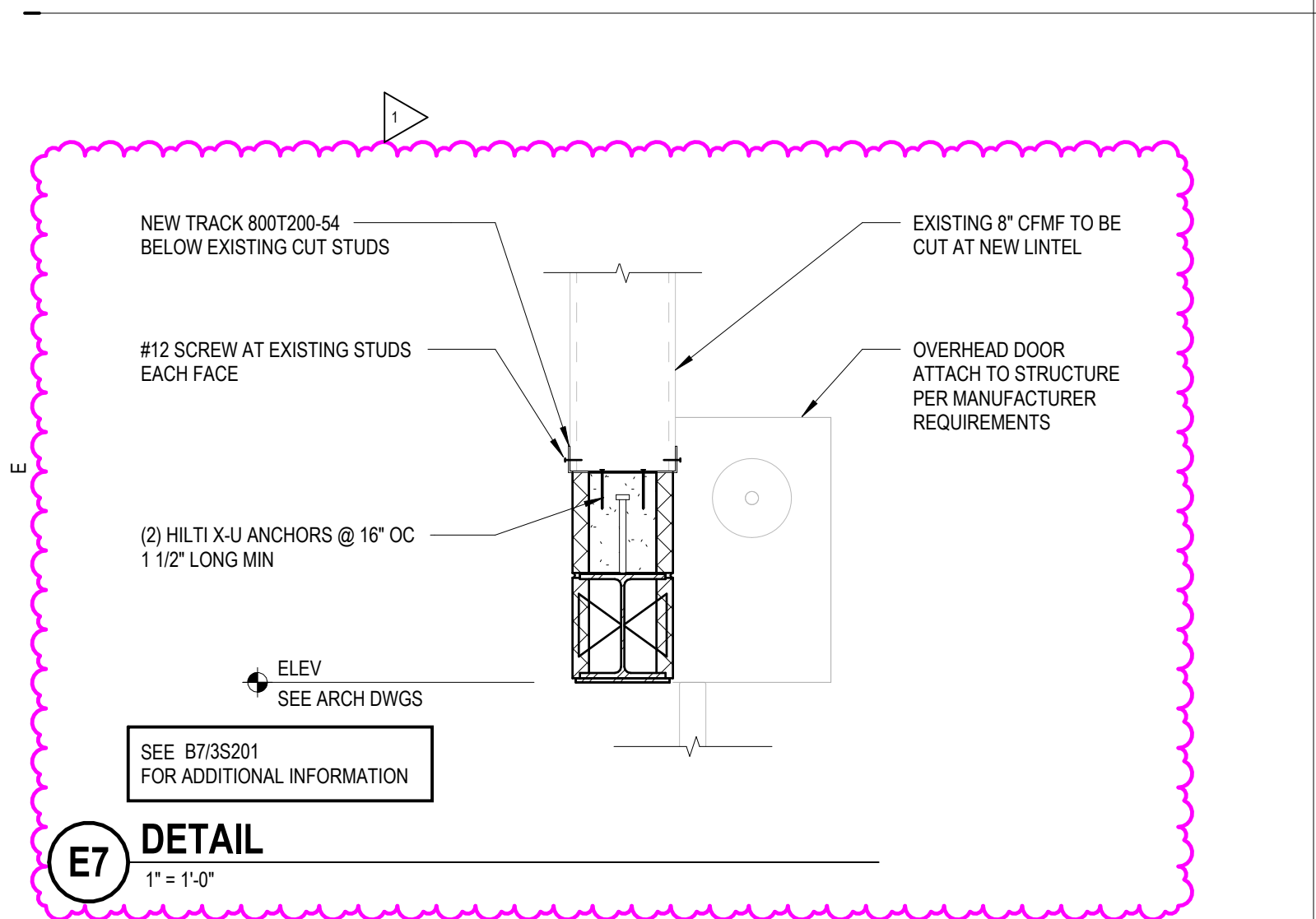
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



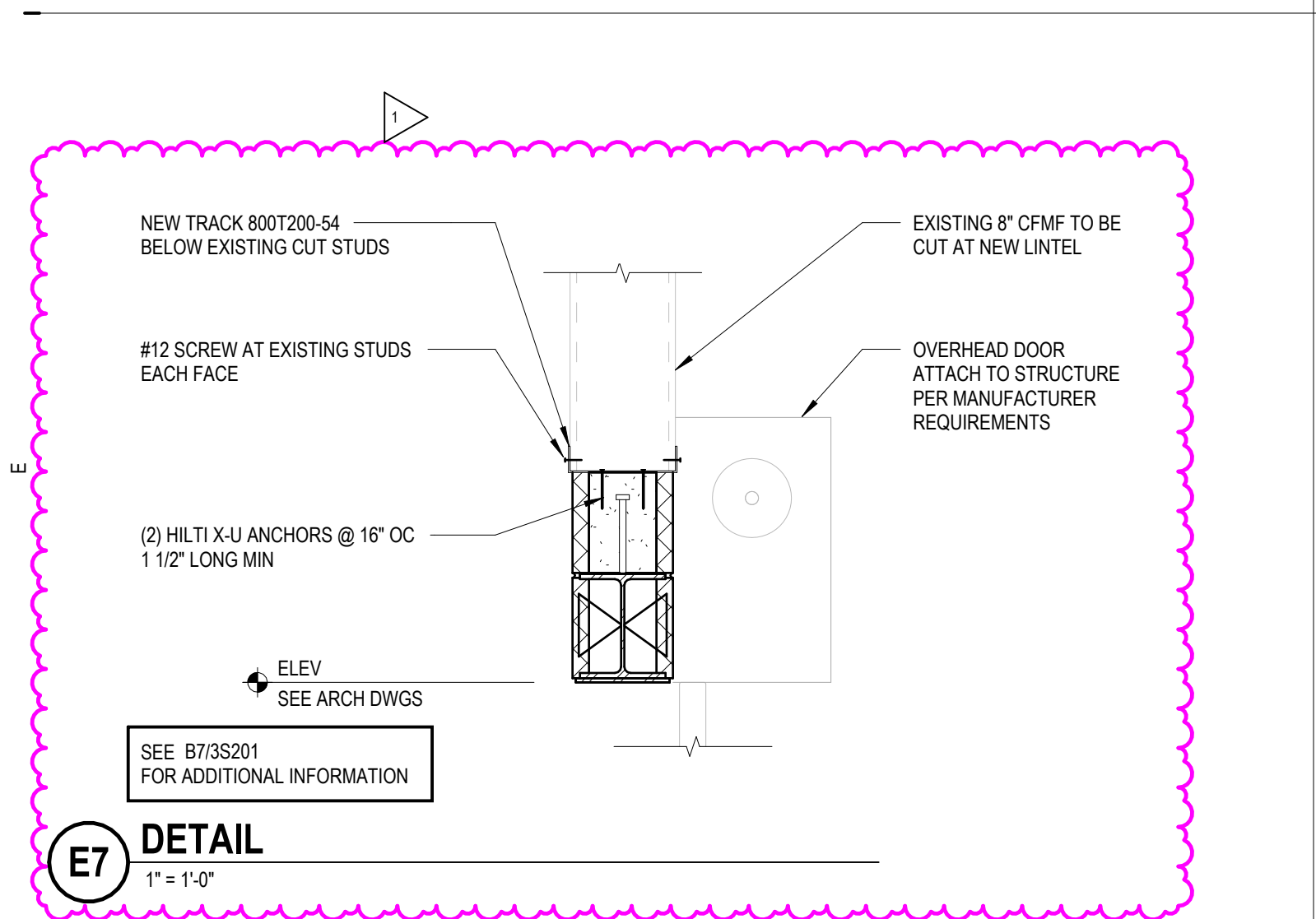
E1 TYPICAL BEARING PLATE
NOT TO SCALE



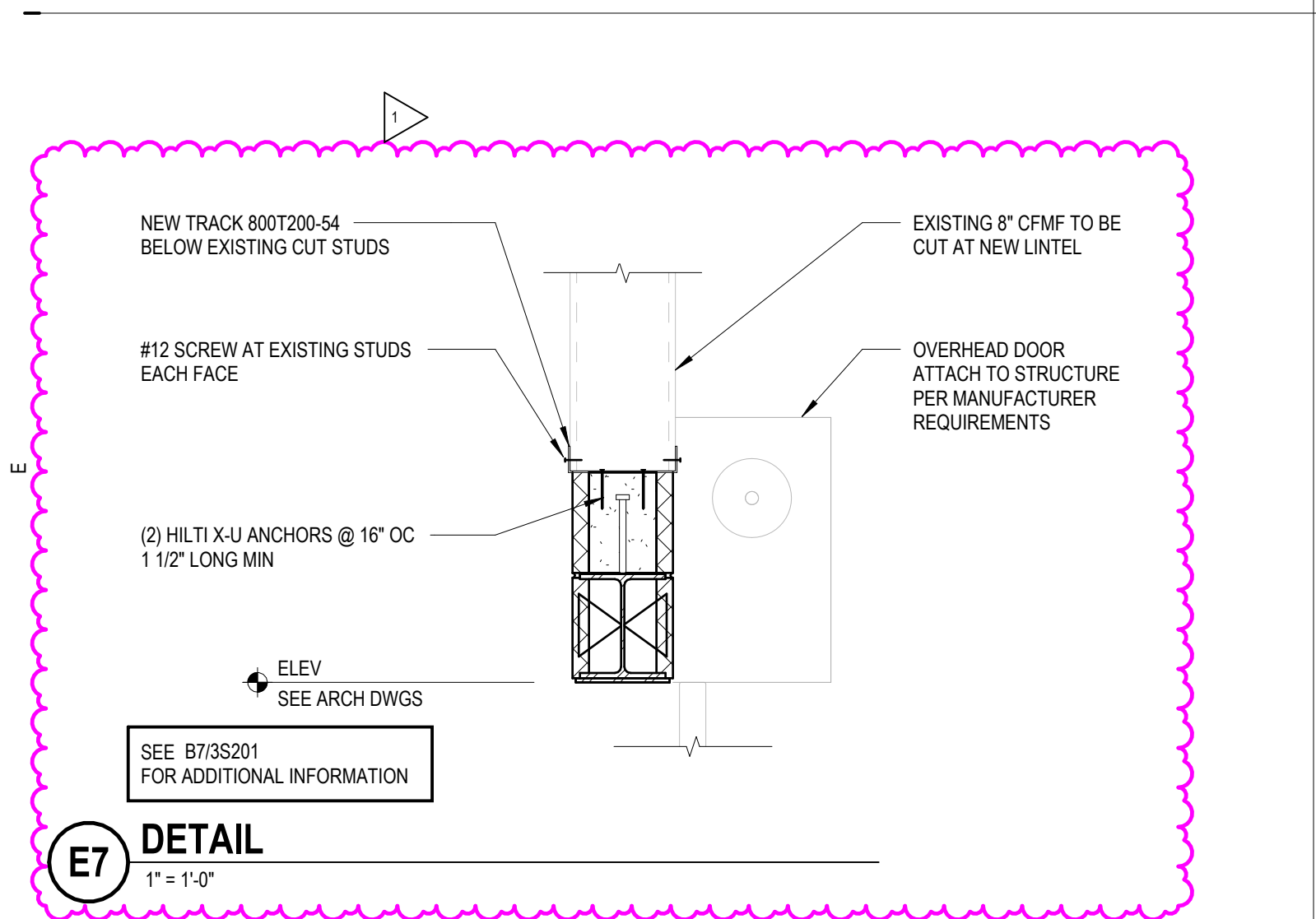
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



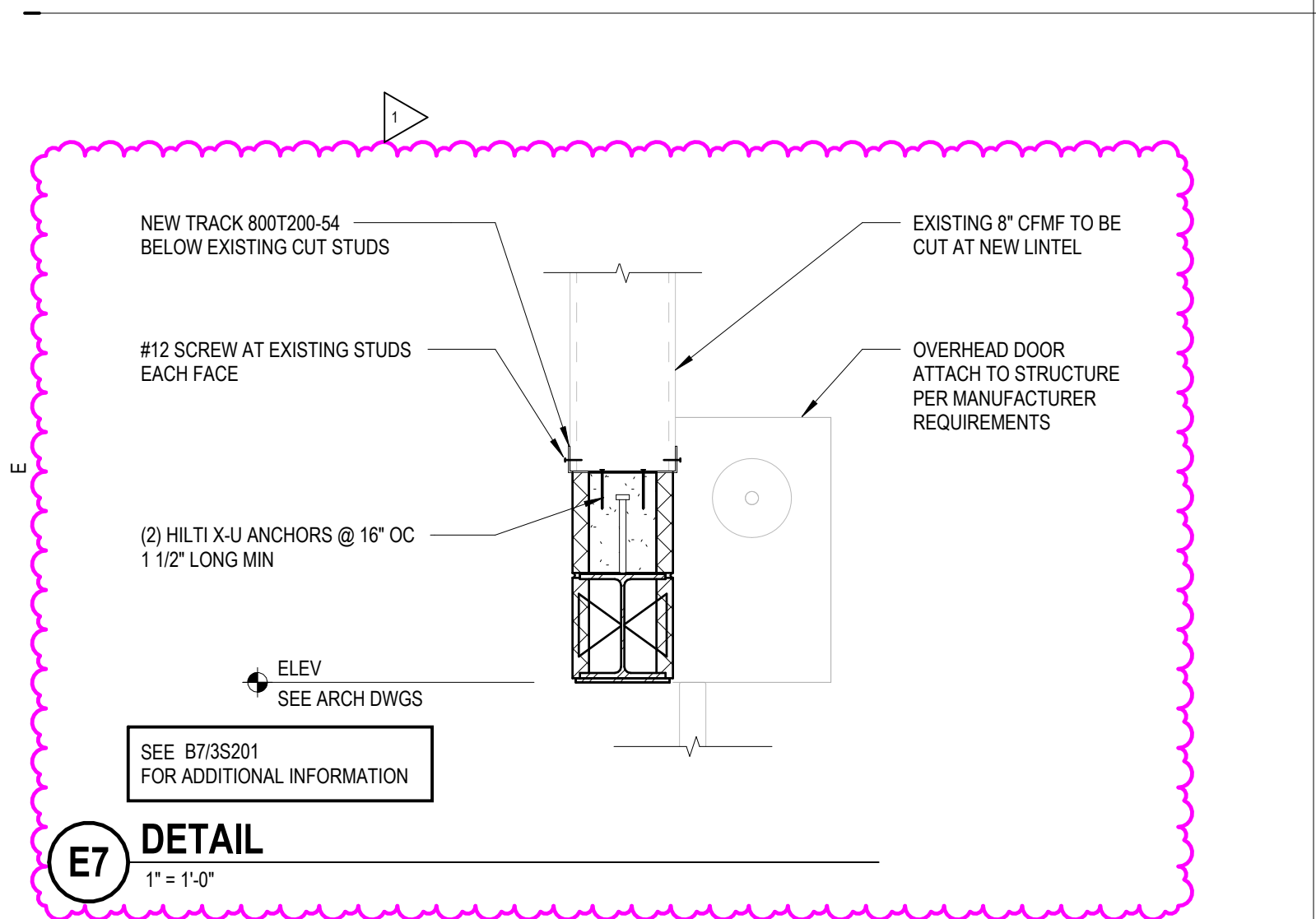
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



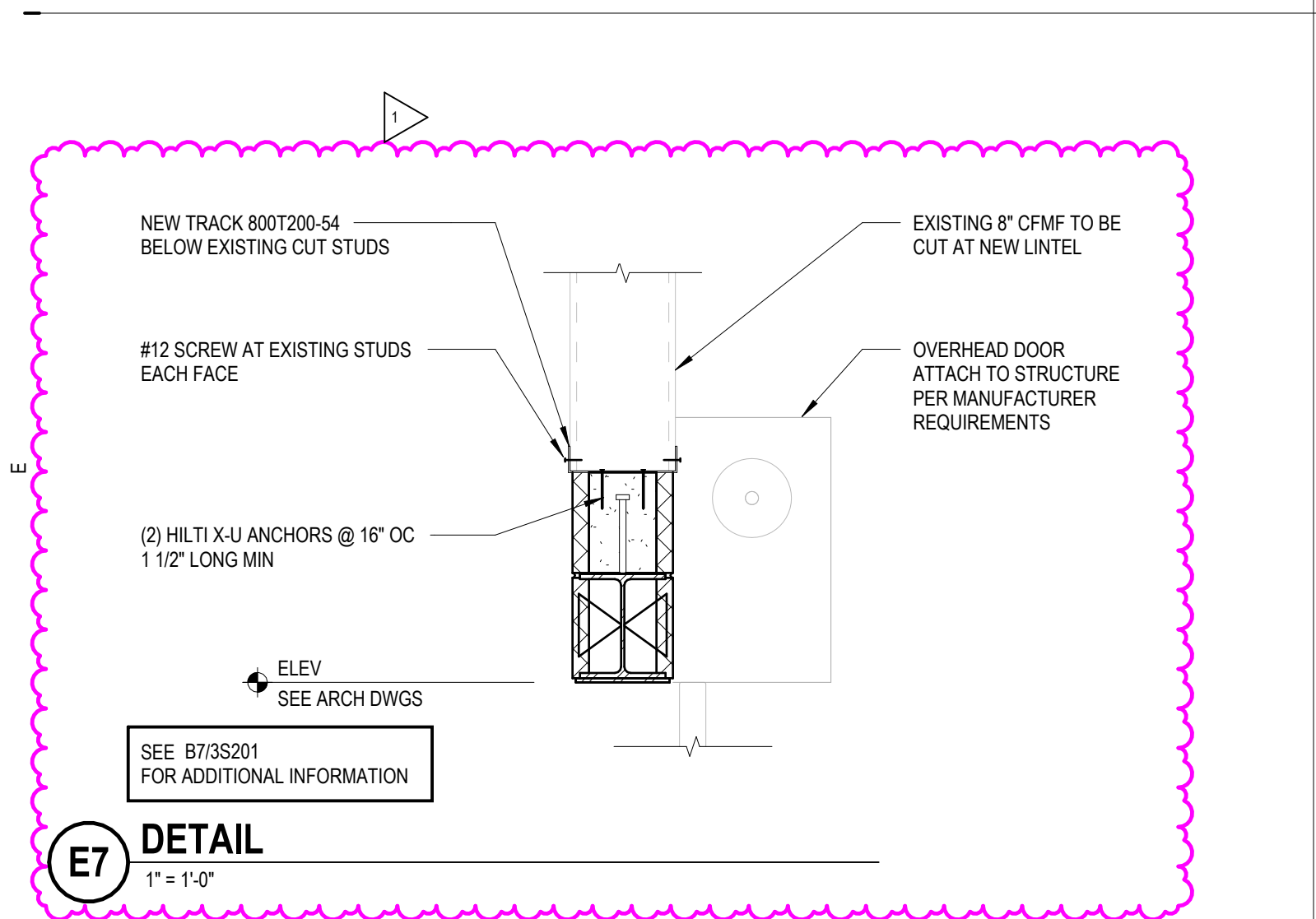
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



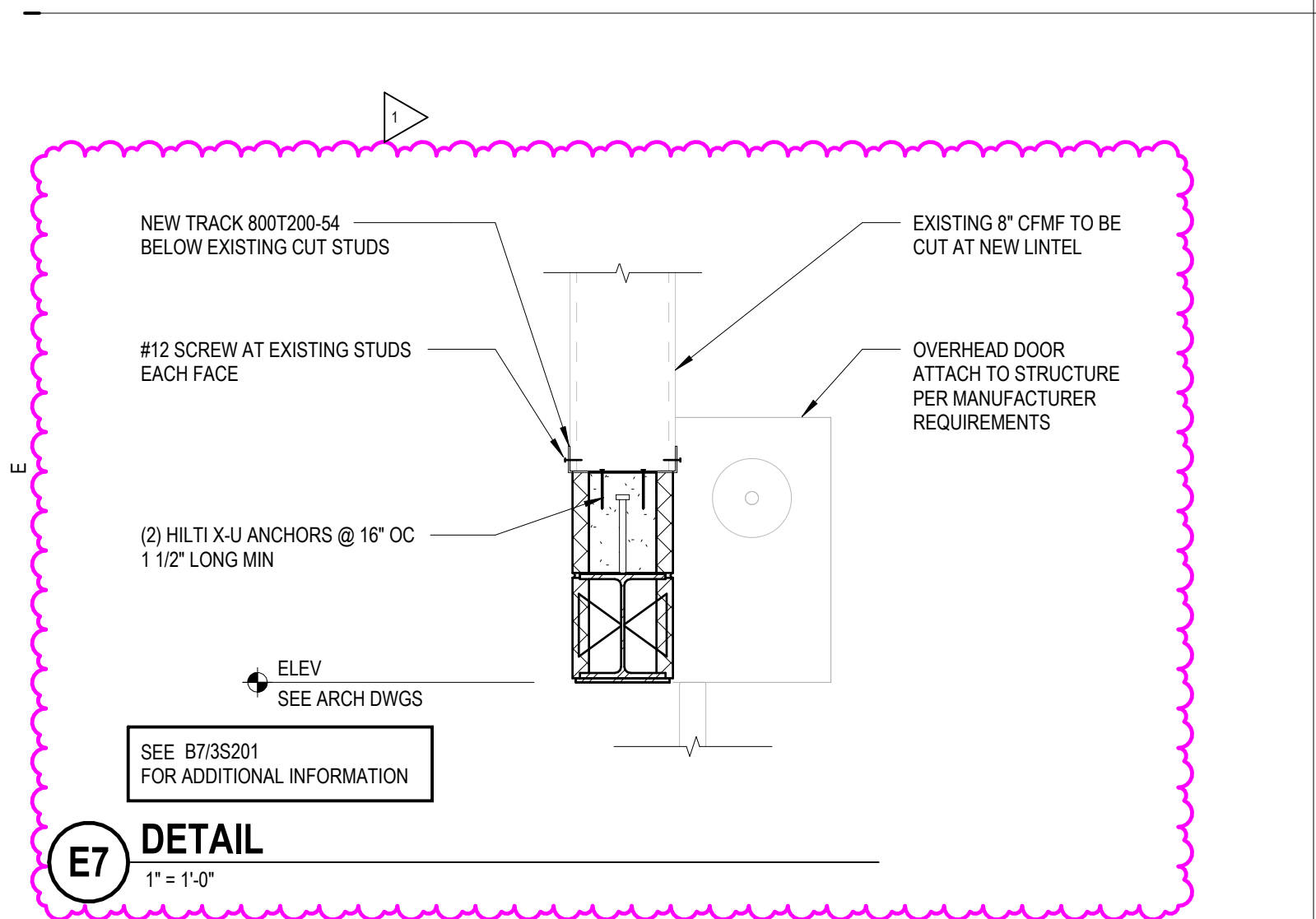
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



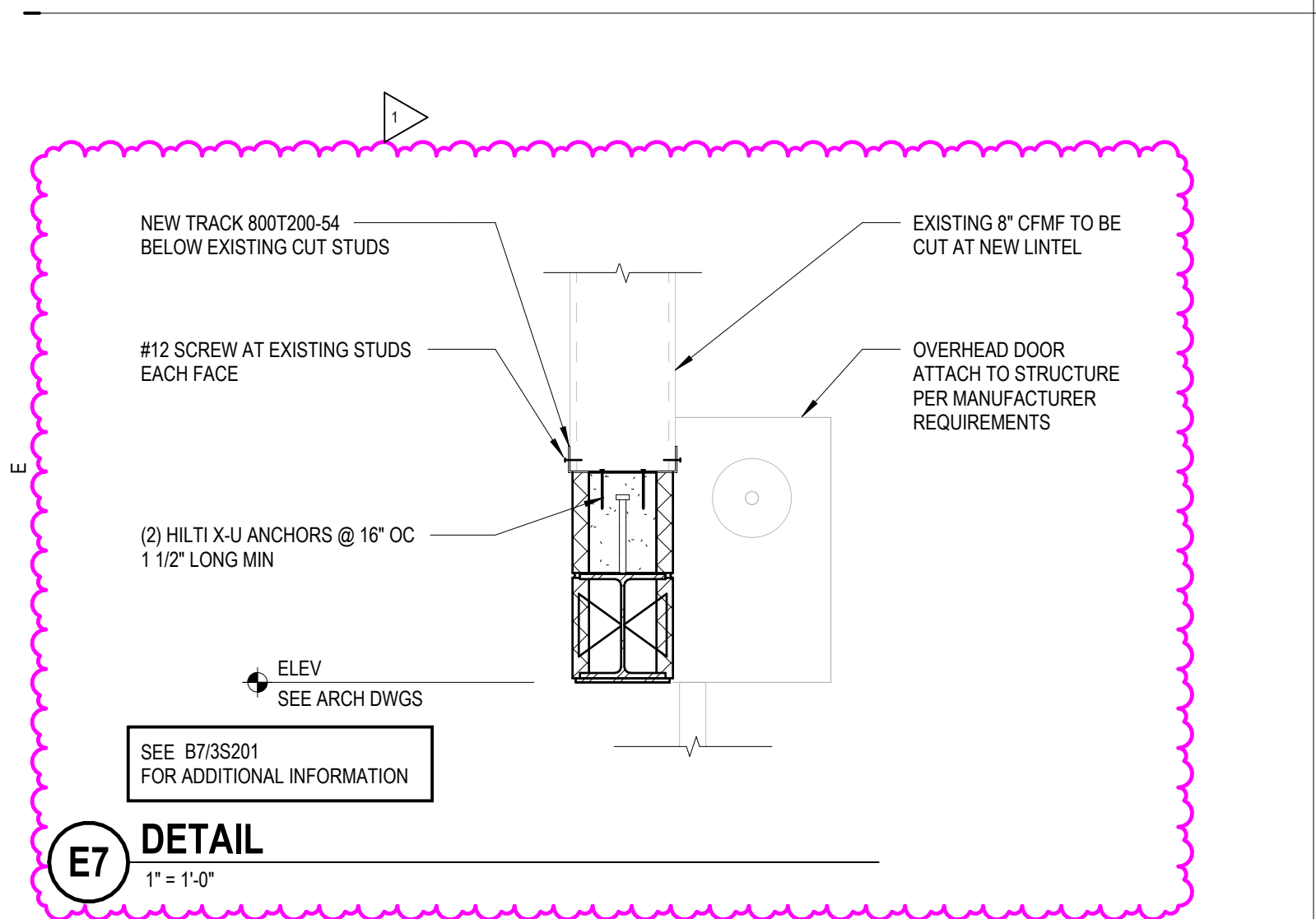
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



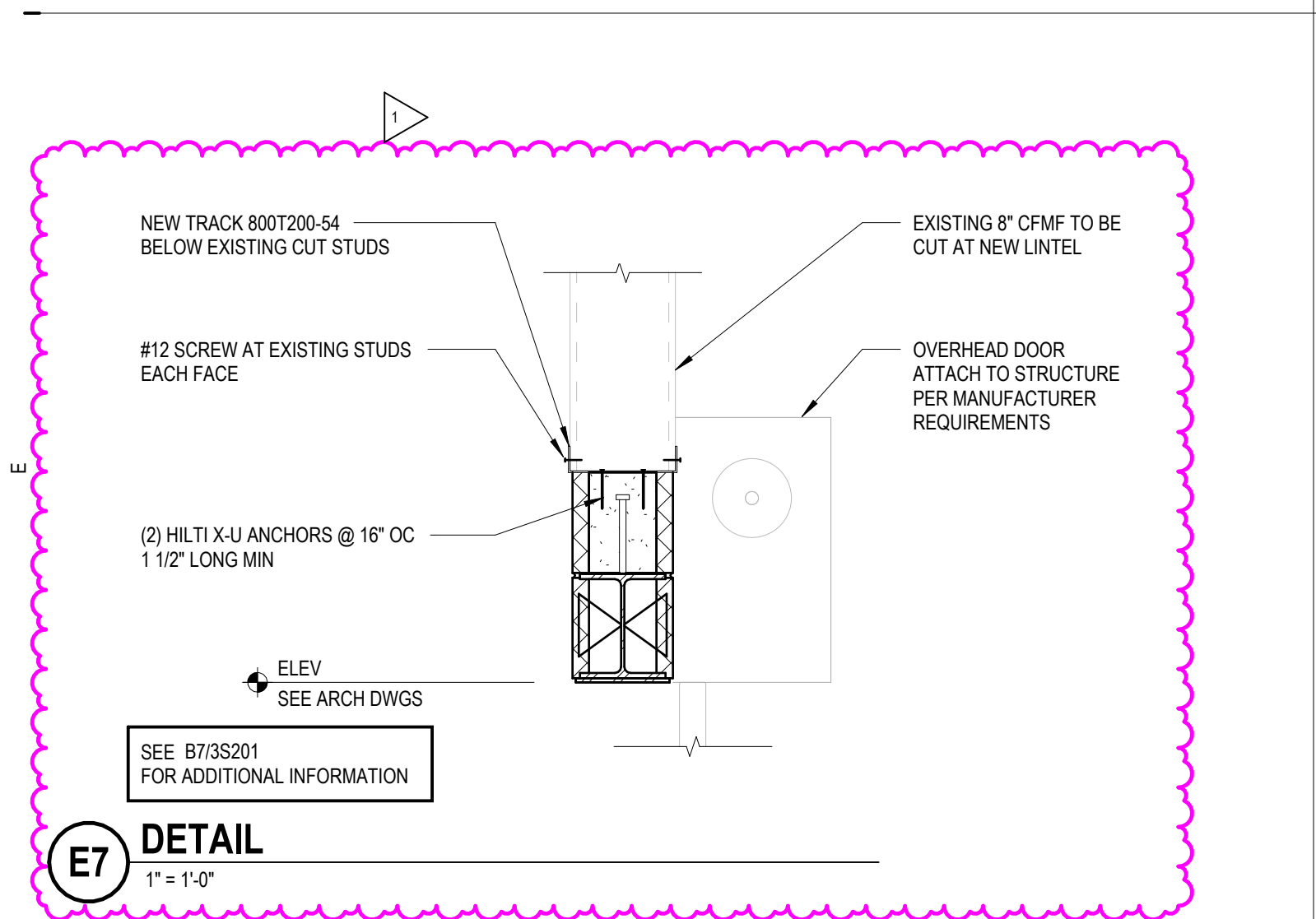
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



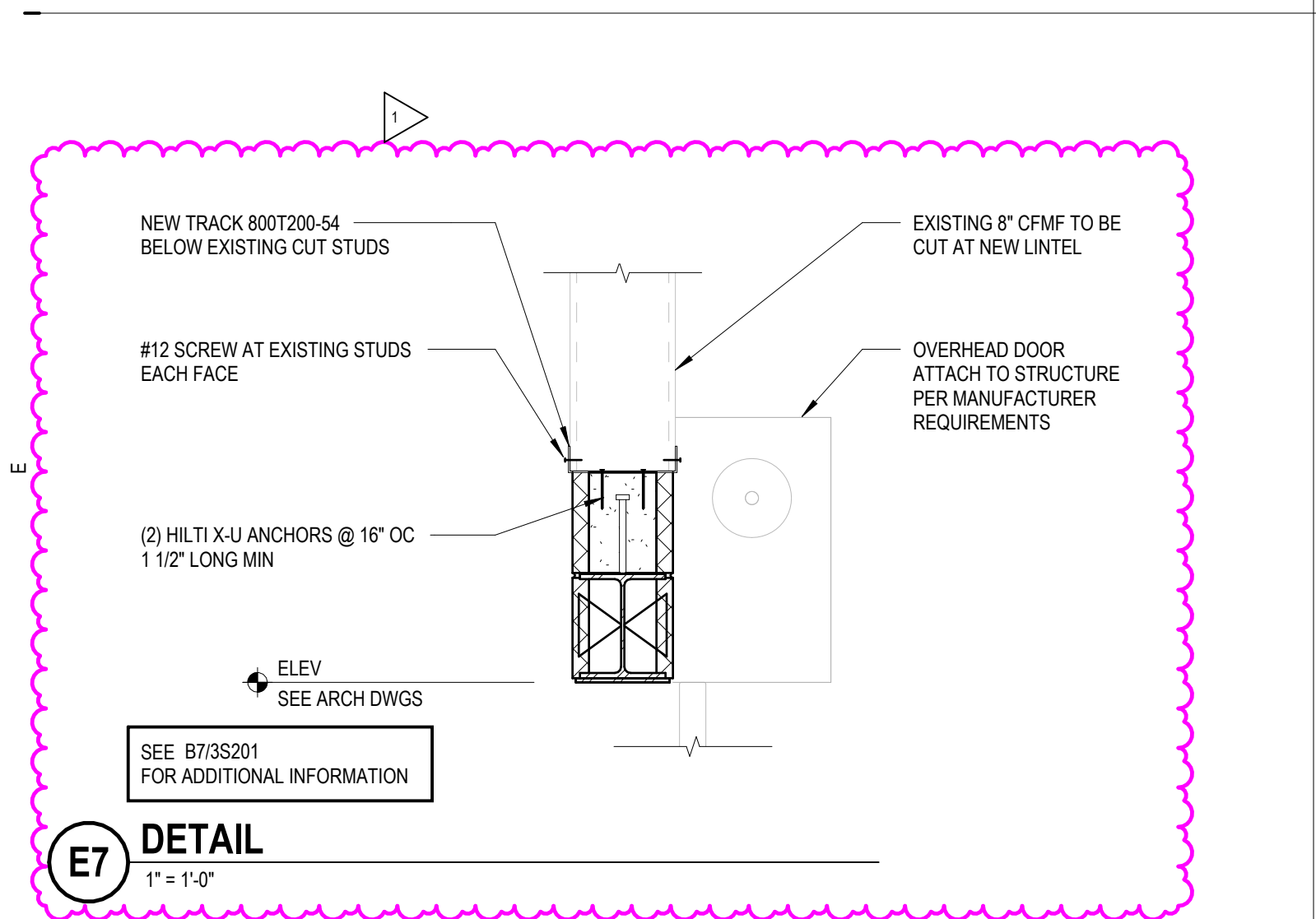
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



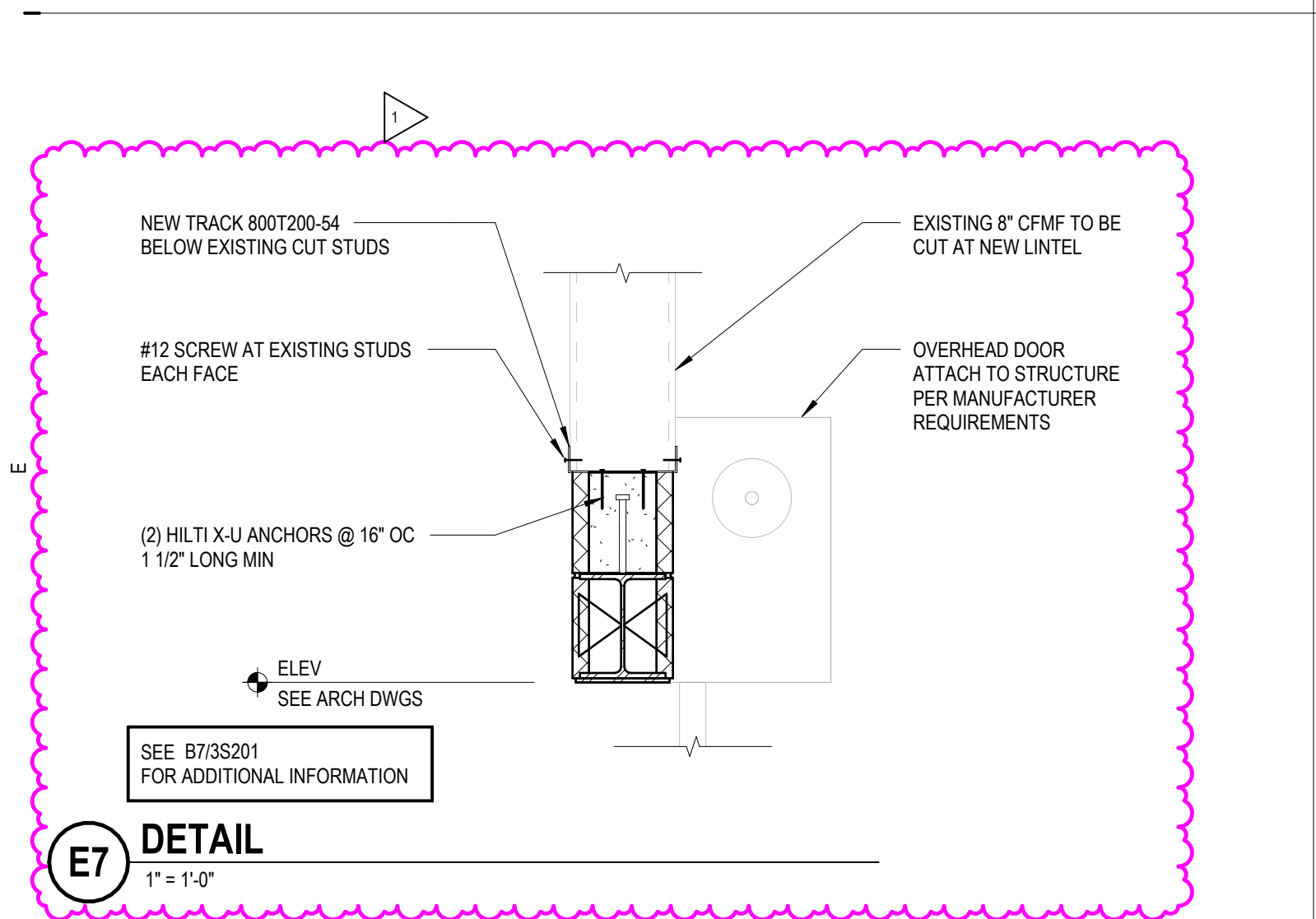
E1 TYPICAL BEARING PLATE
NOT TO SCALE



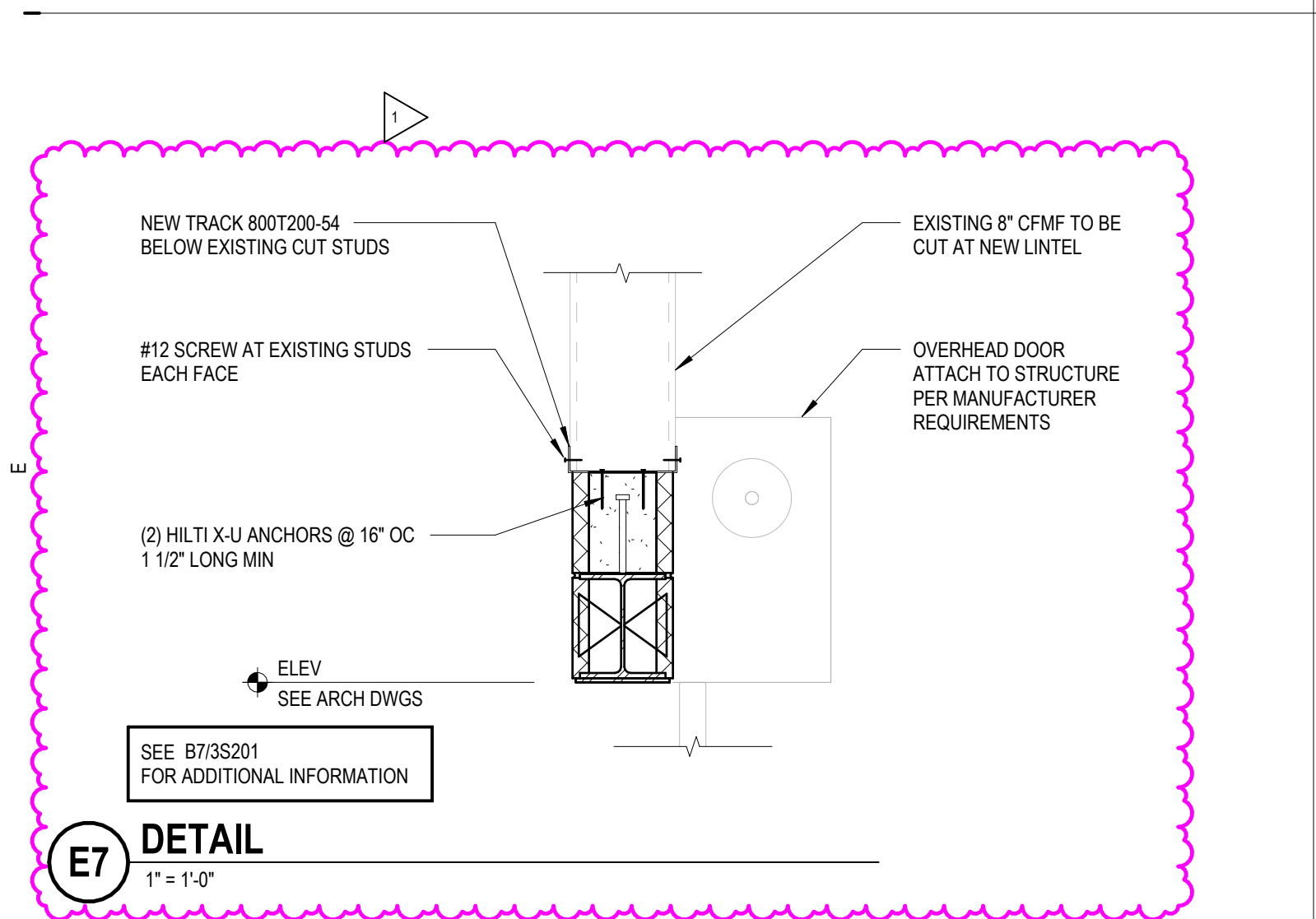
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



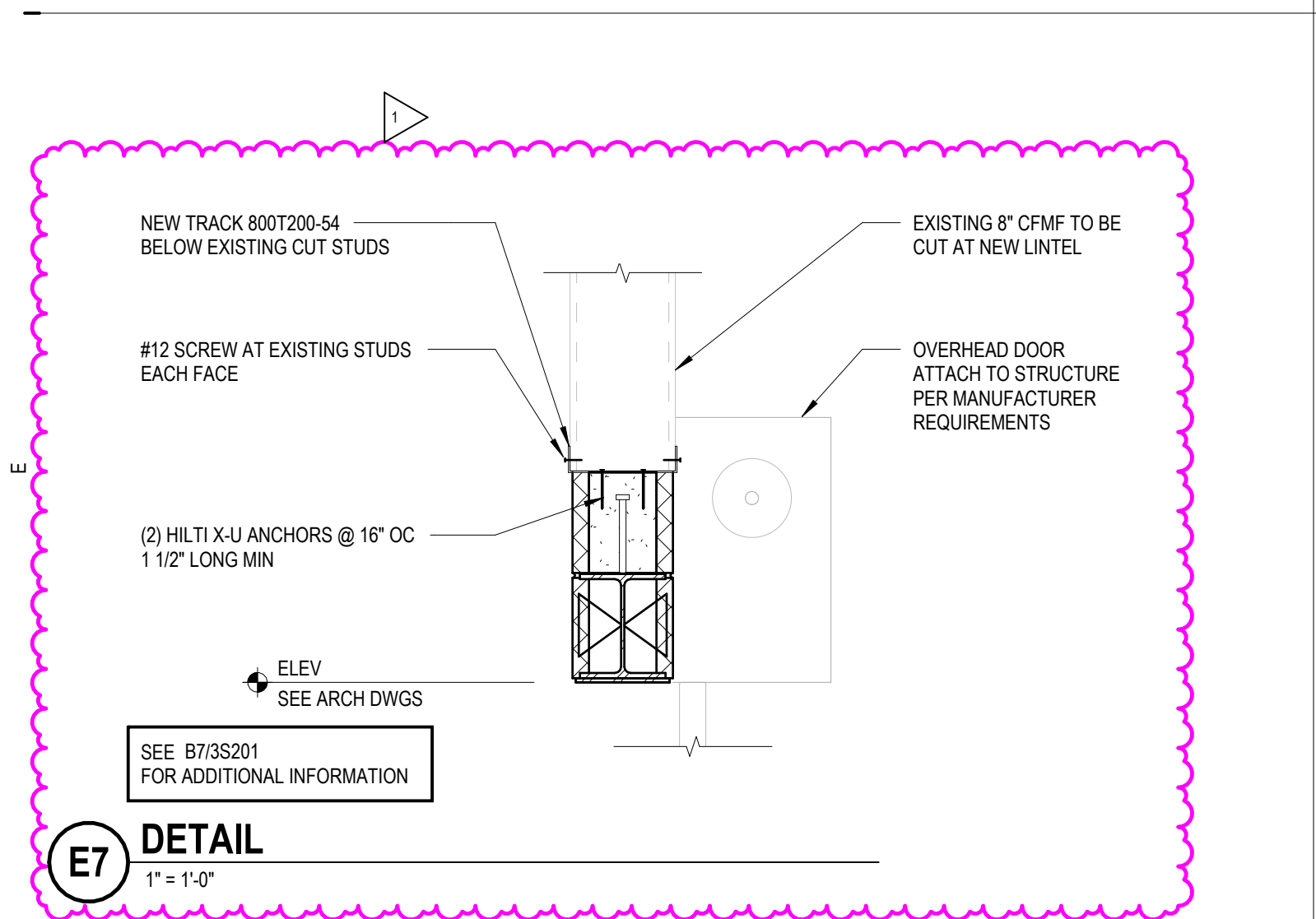
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



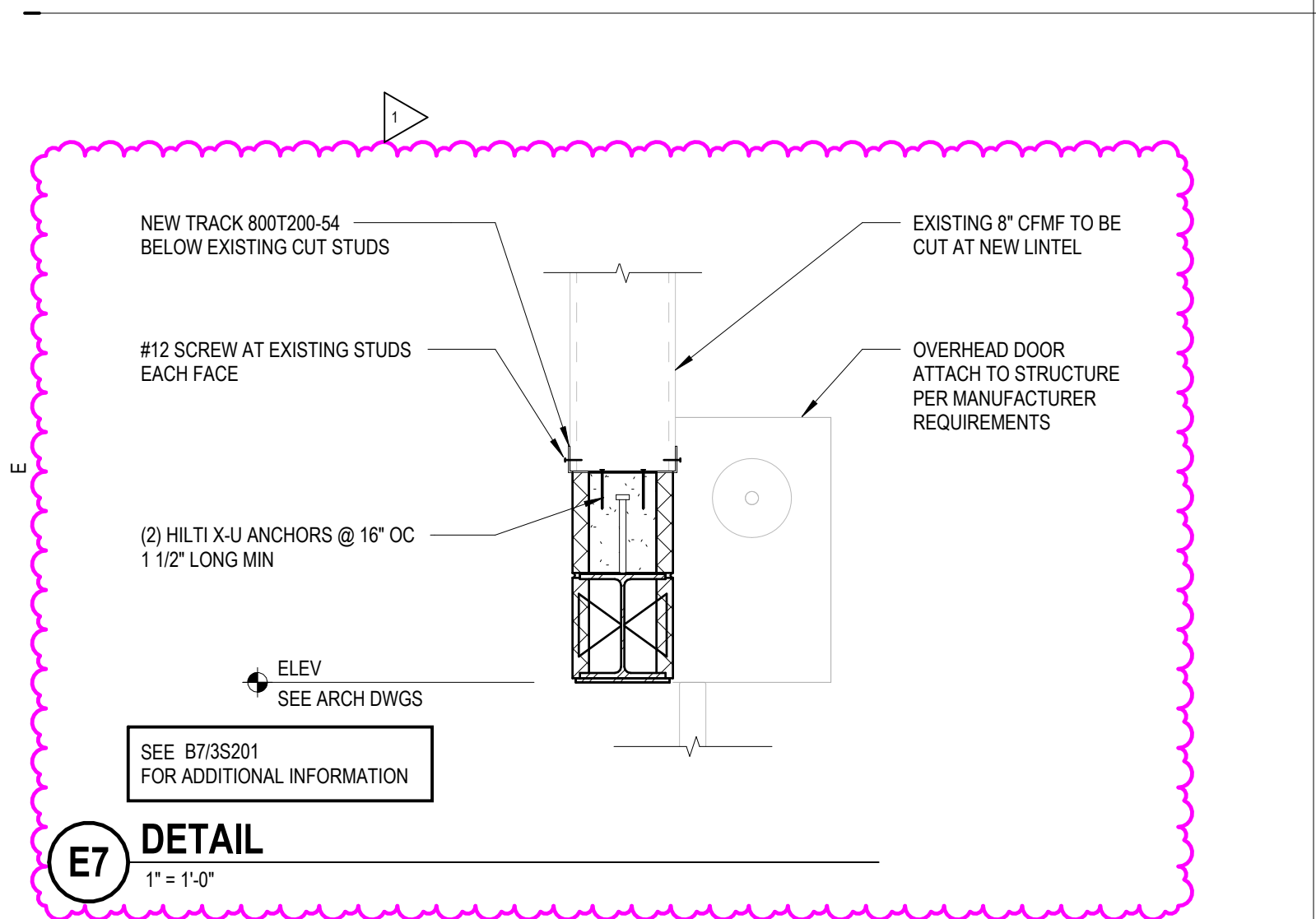
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



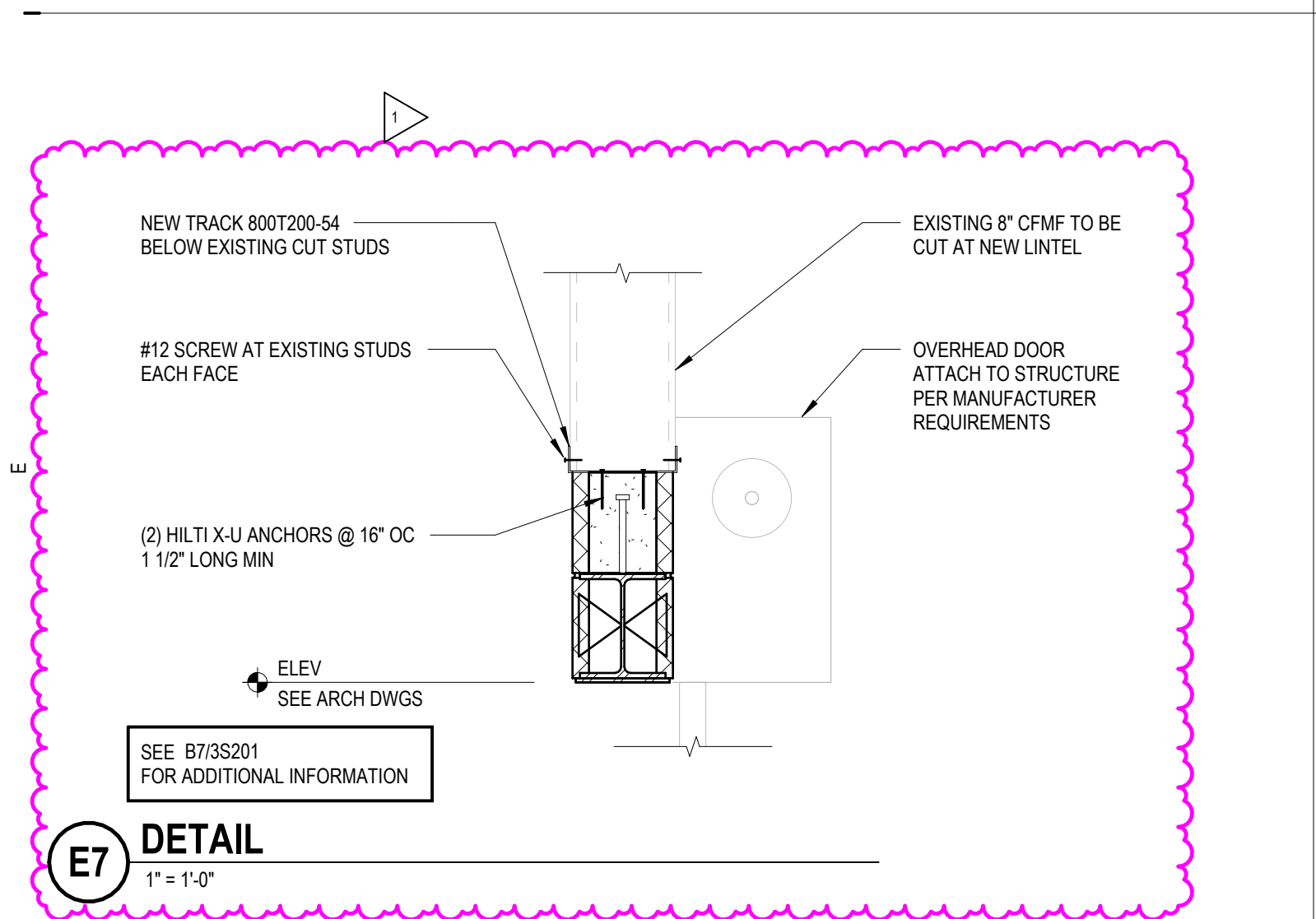
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



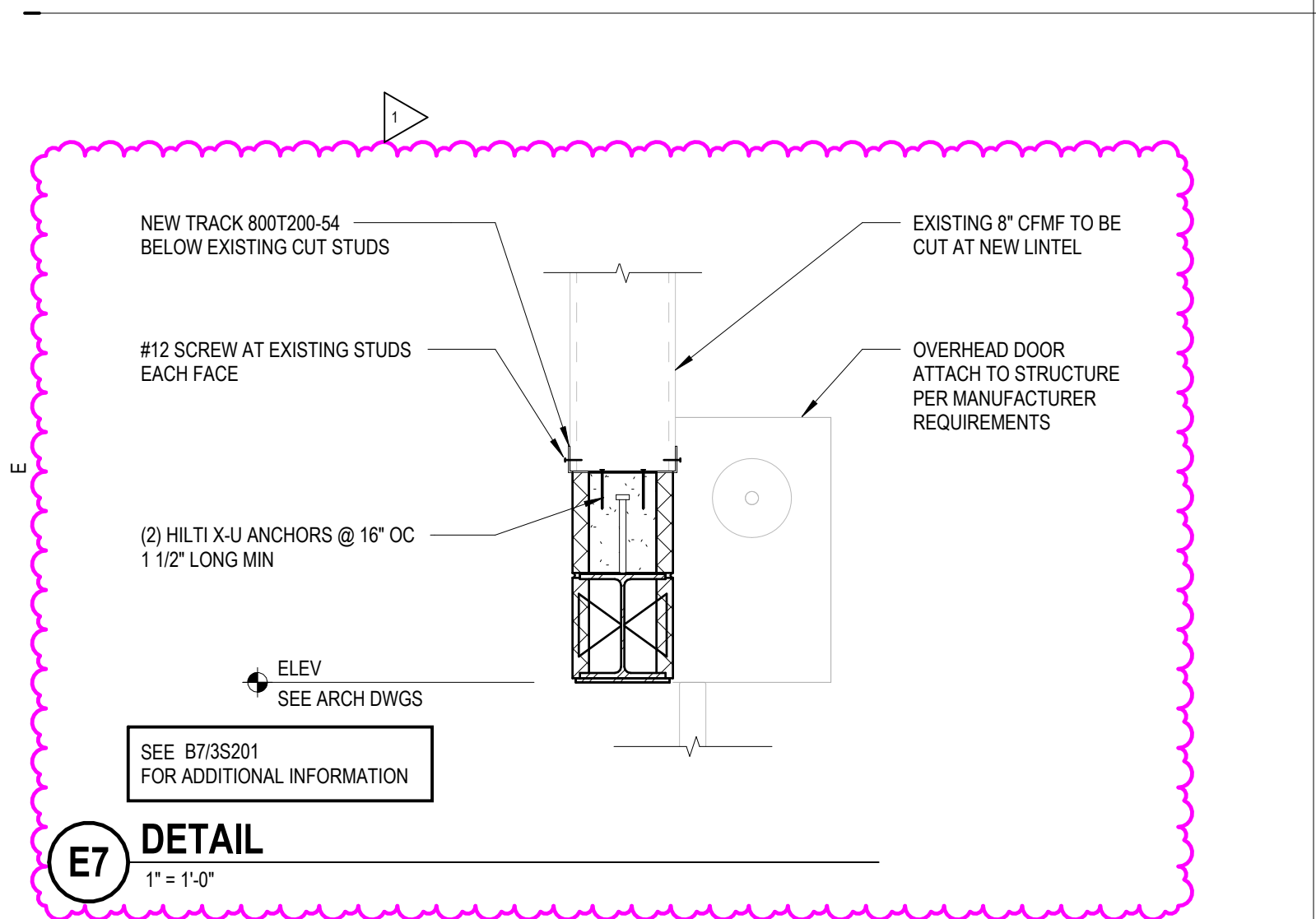
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



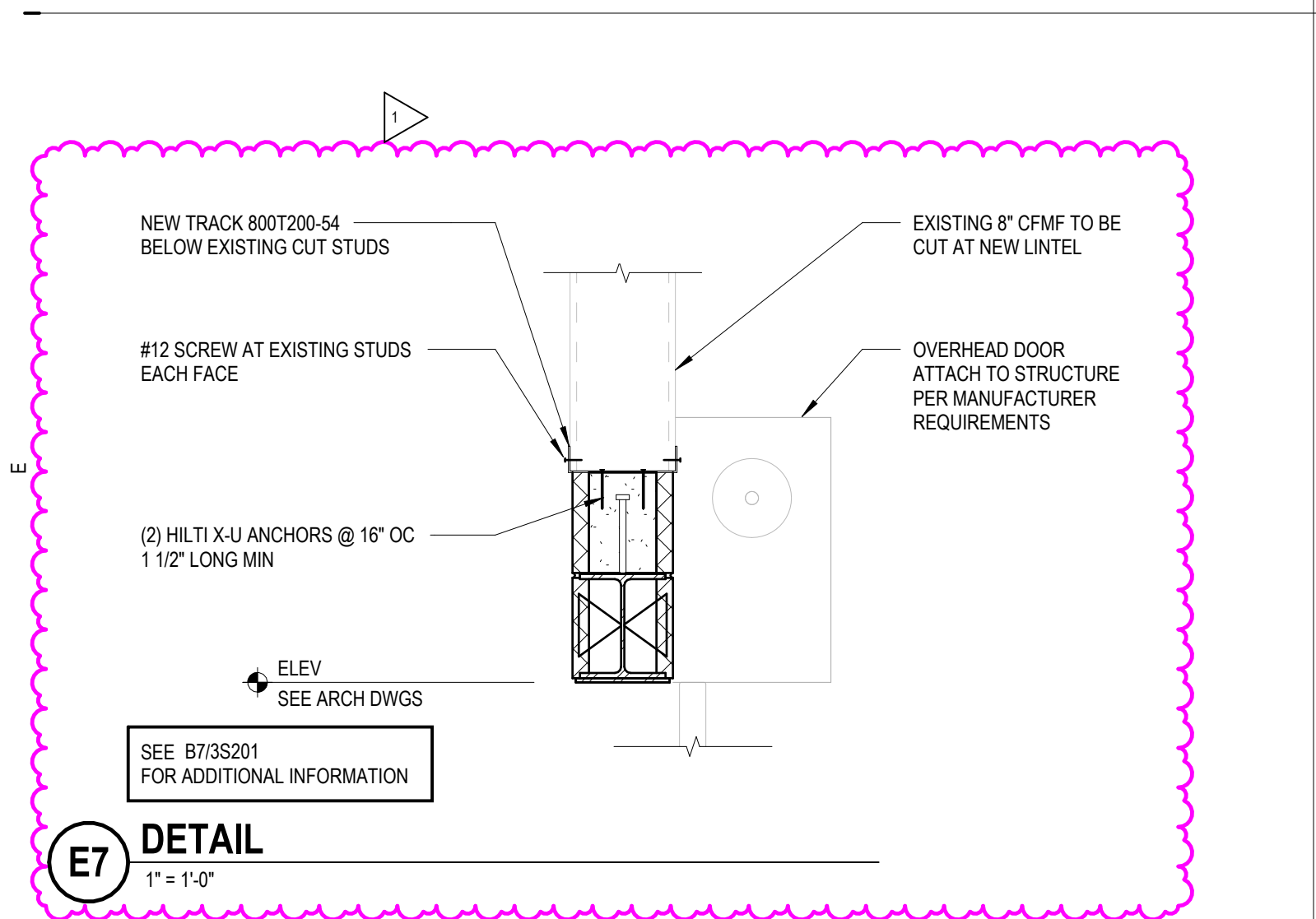
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



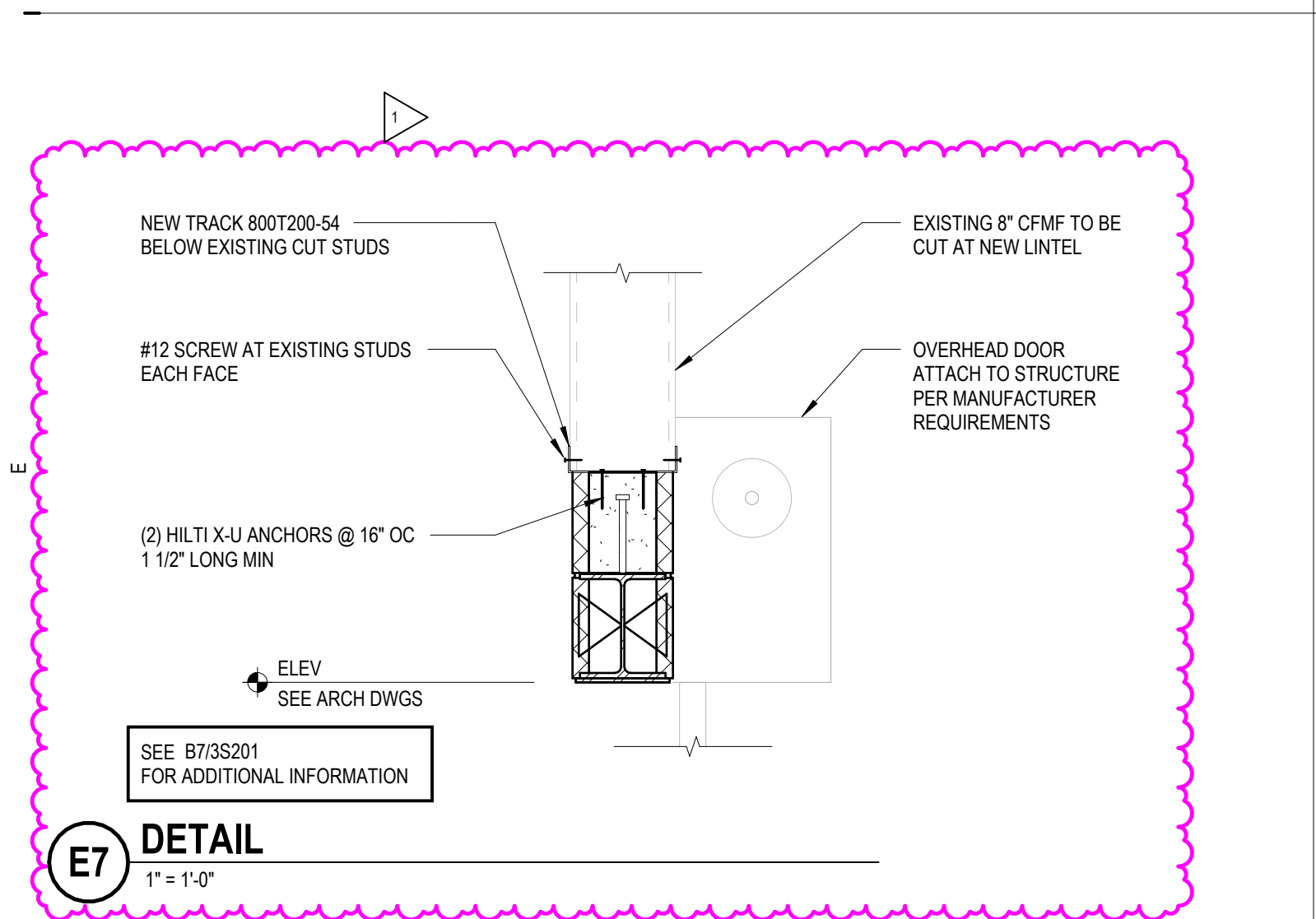
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



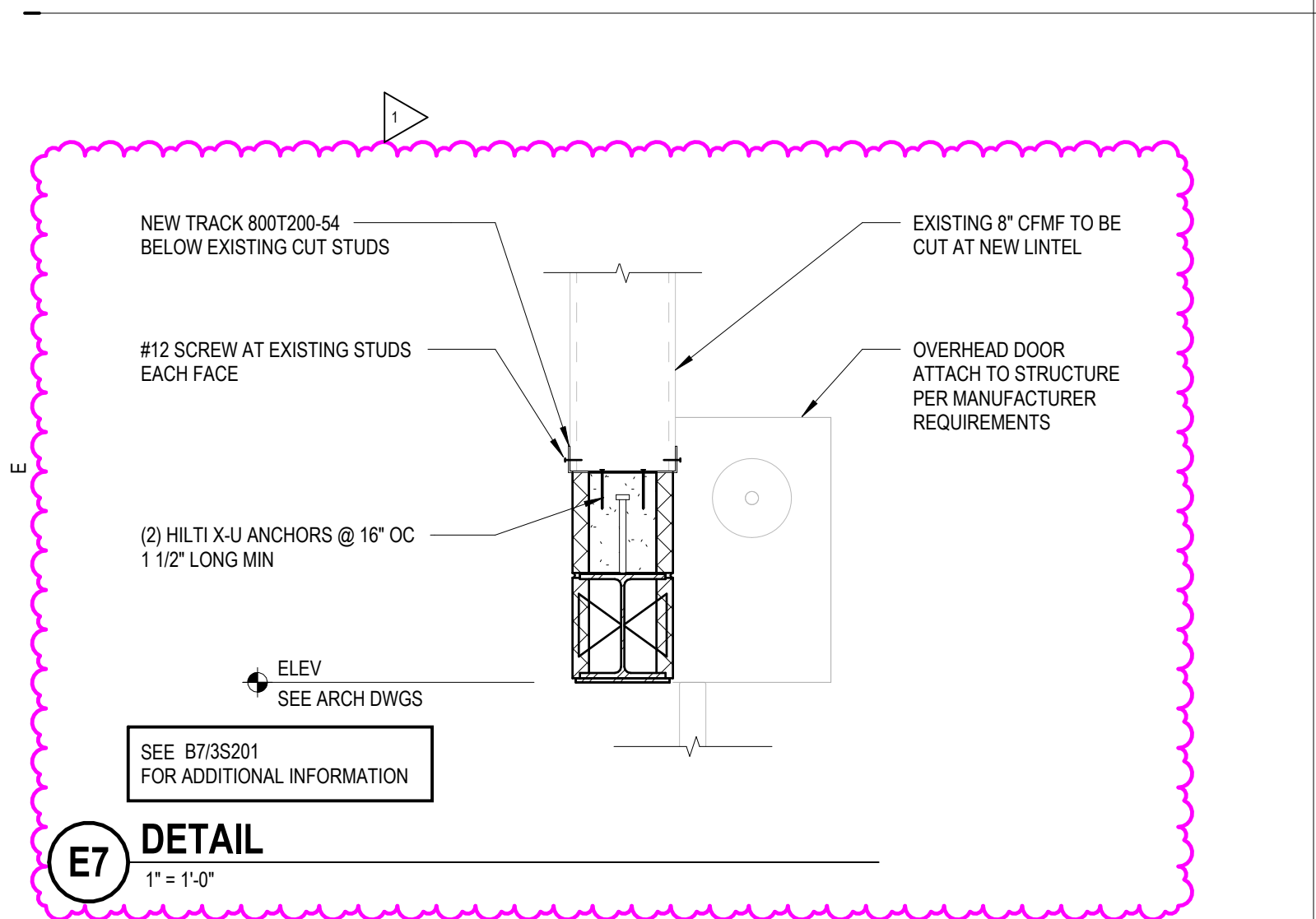
E1 TYPICAL BEARING PLATE
NOT TO SCALE



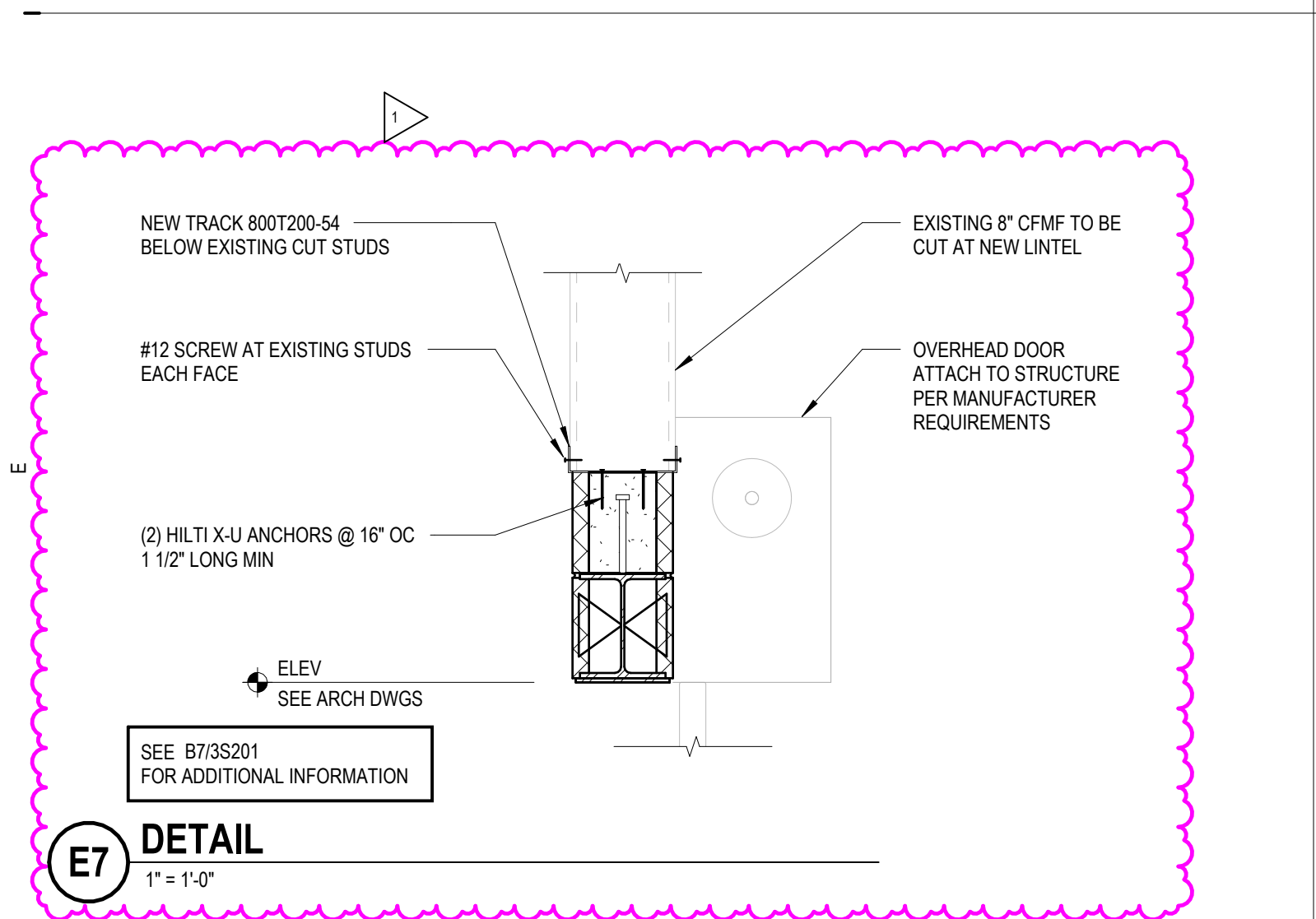
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



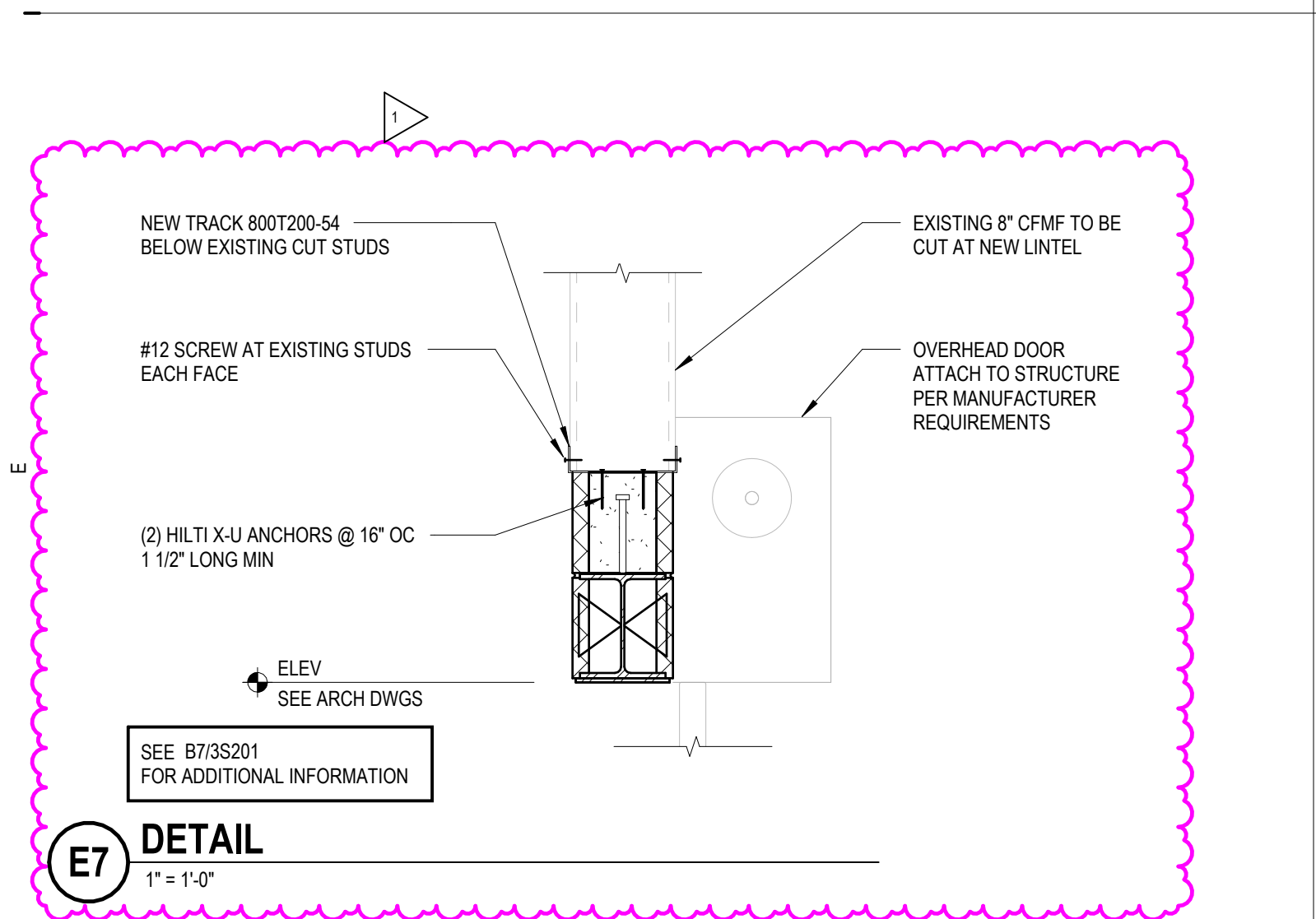
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



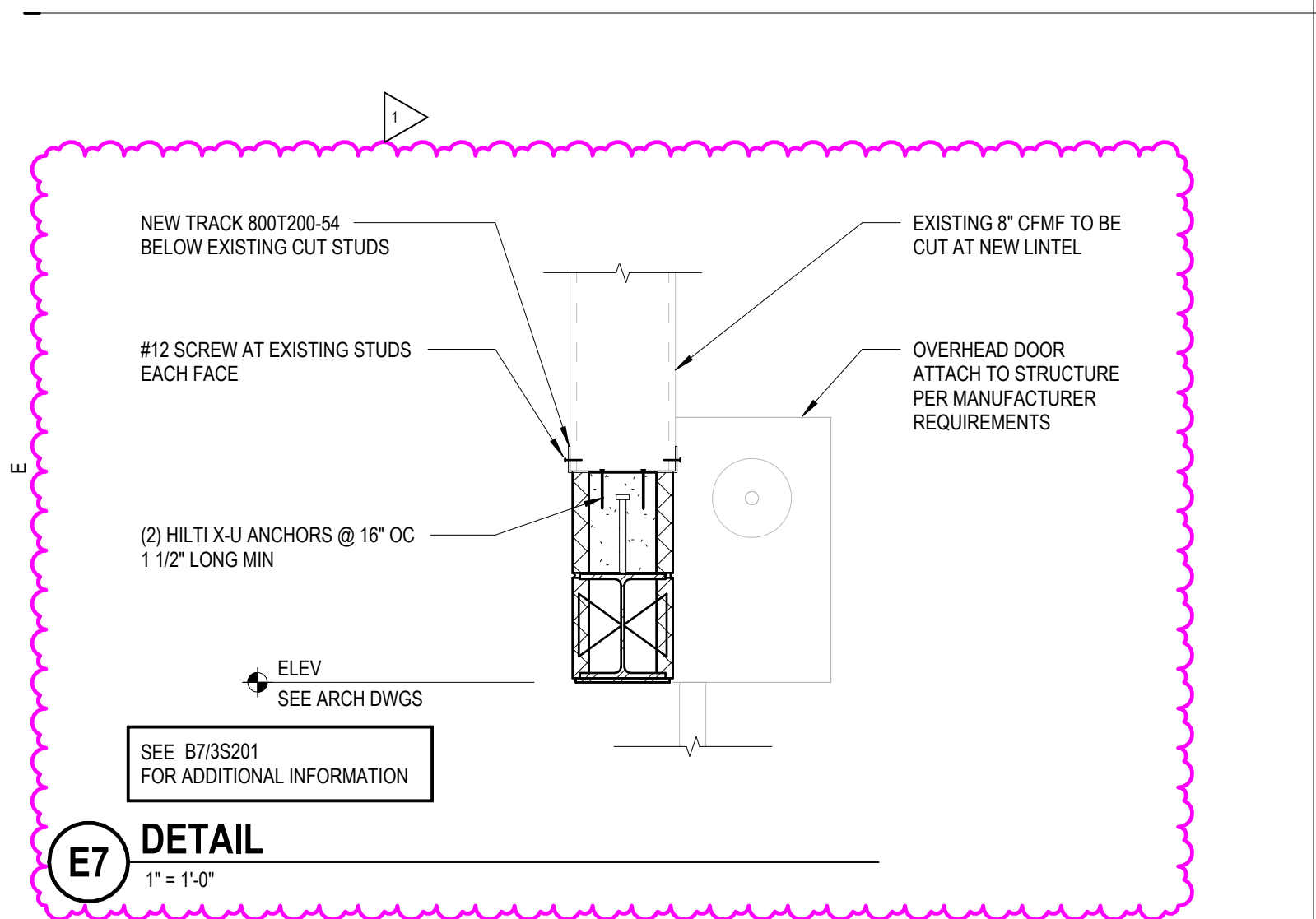
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



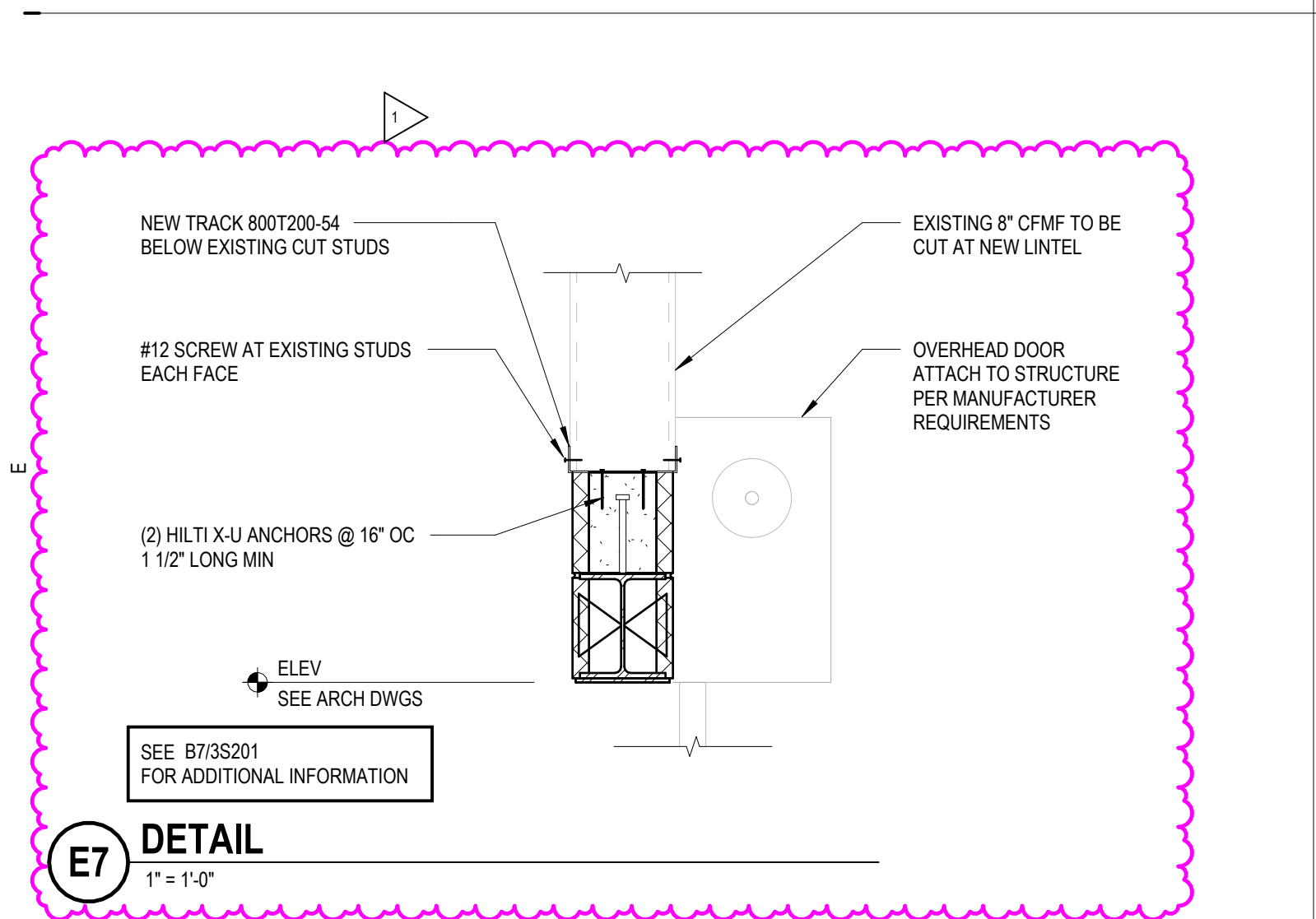
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



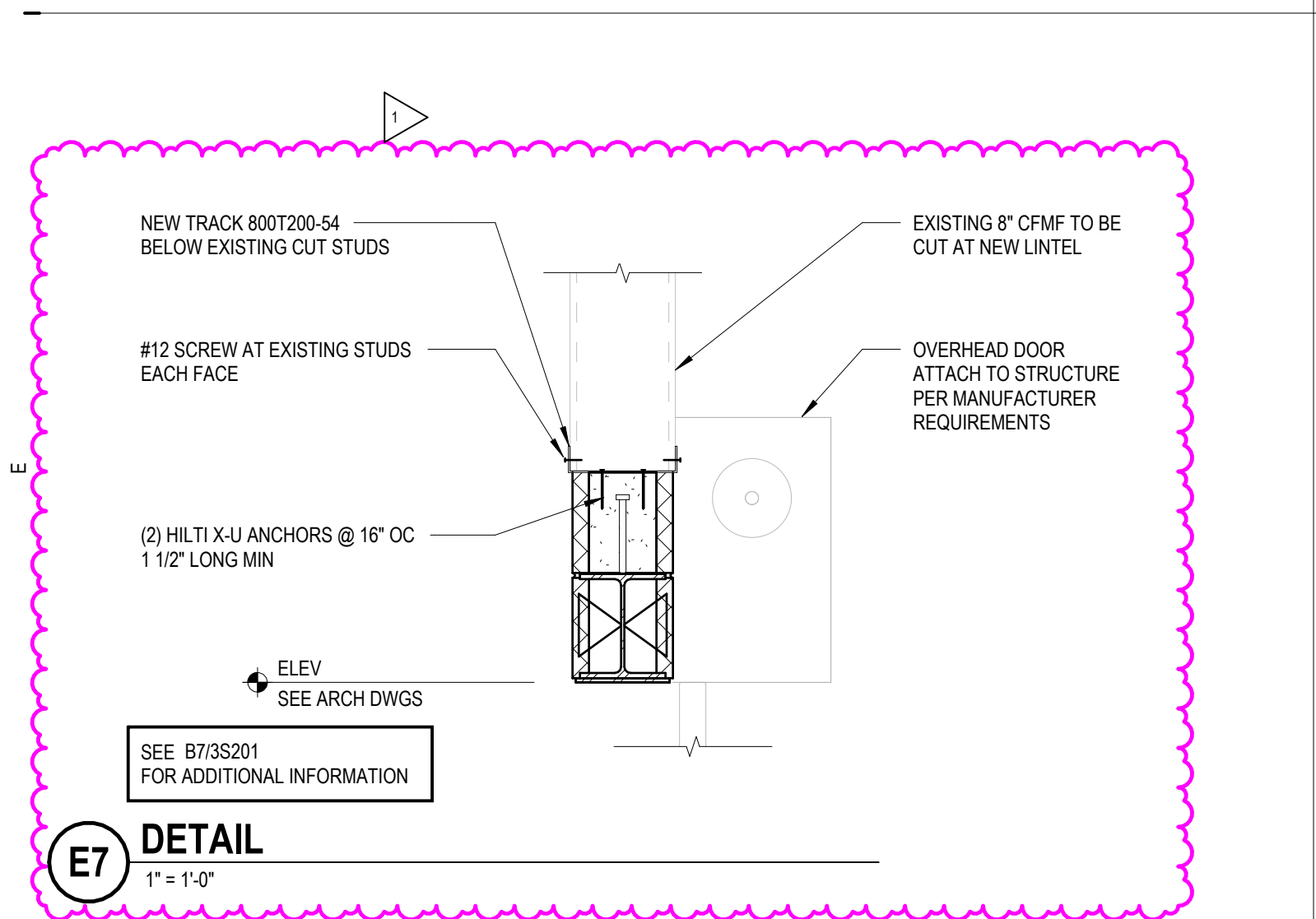
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



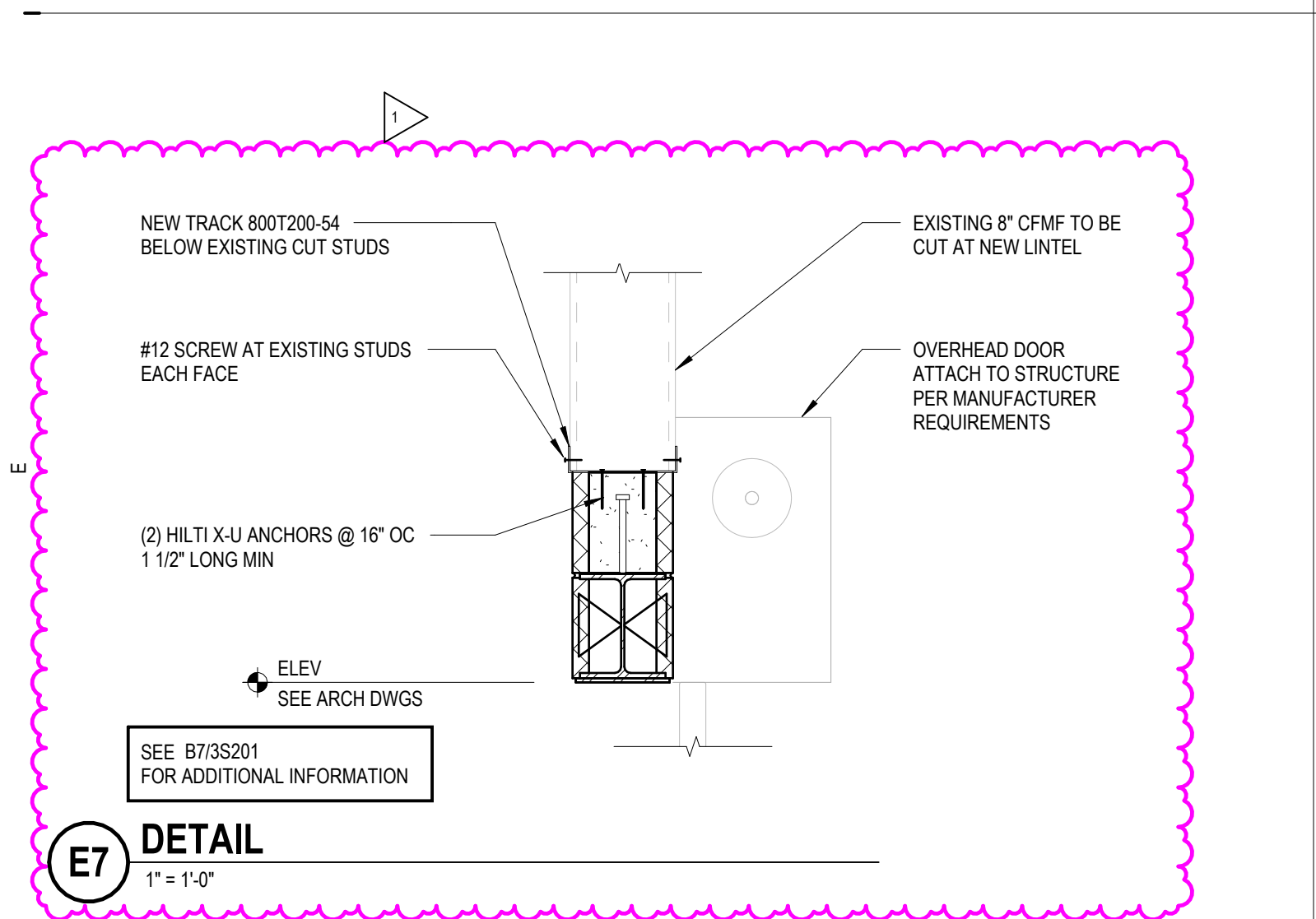
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



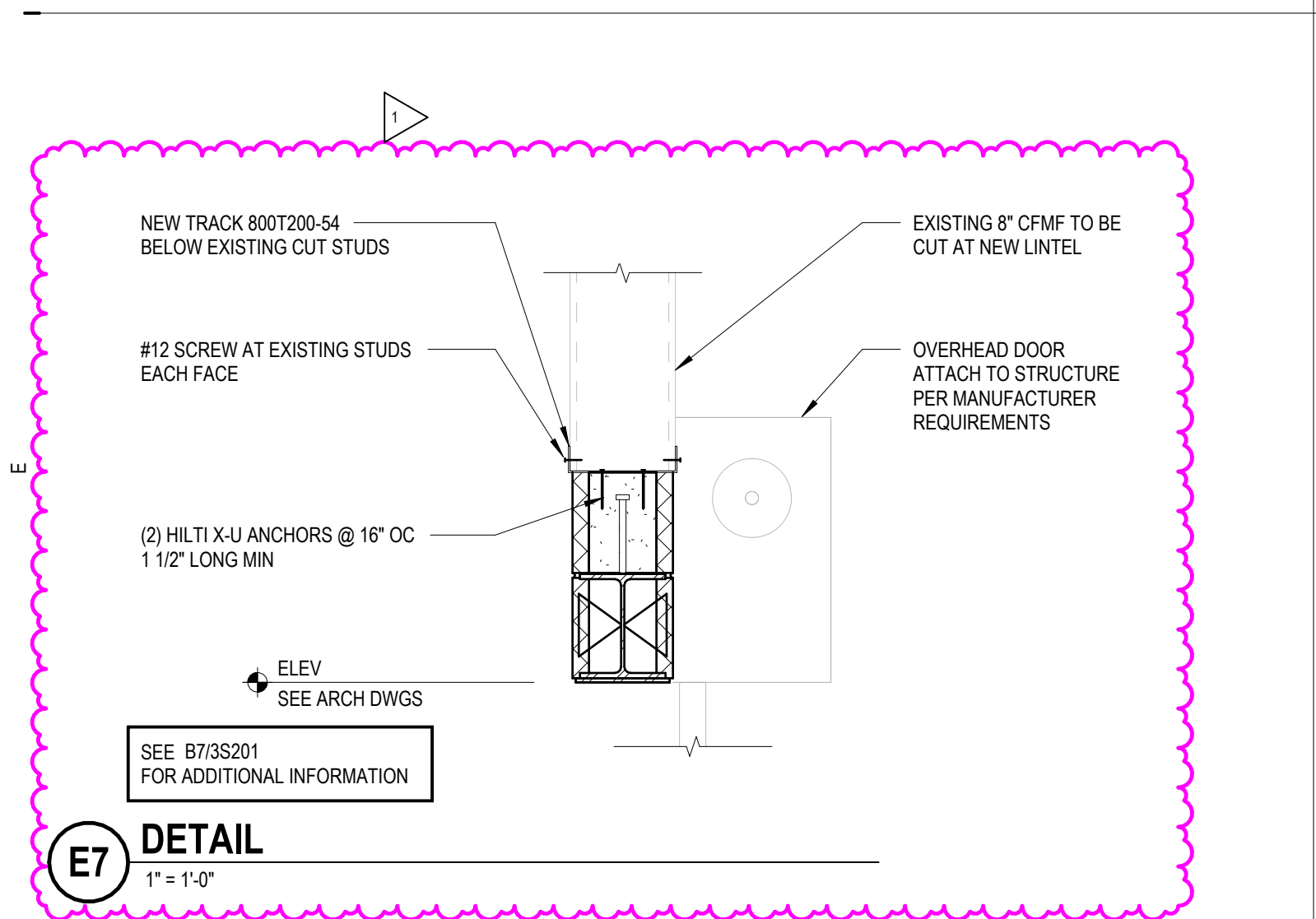
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



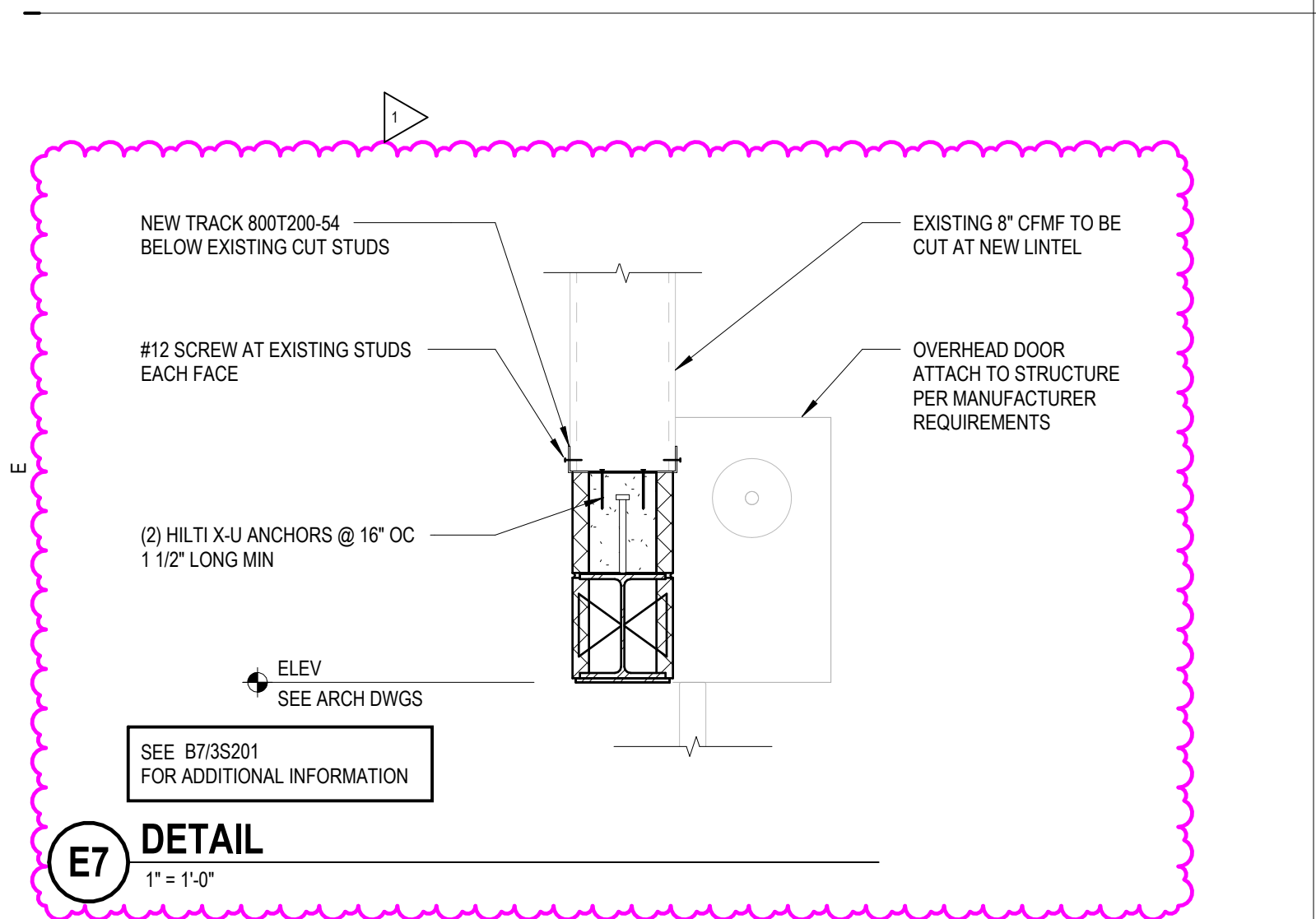
E1 TYPICAL BEARING PLATE
NOT TO SCALE



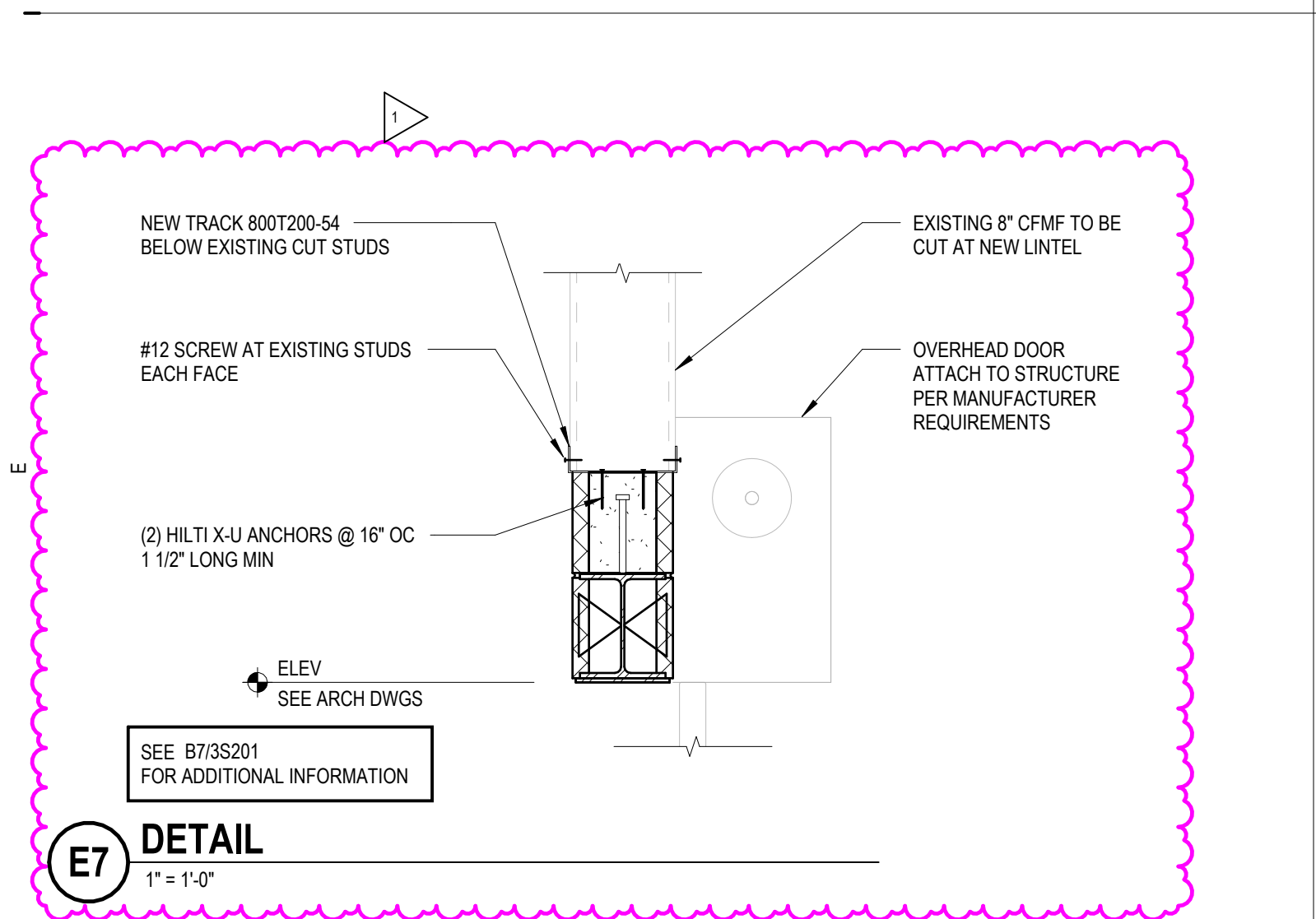
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



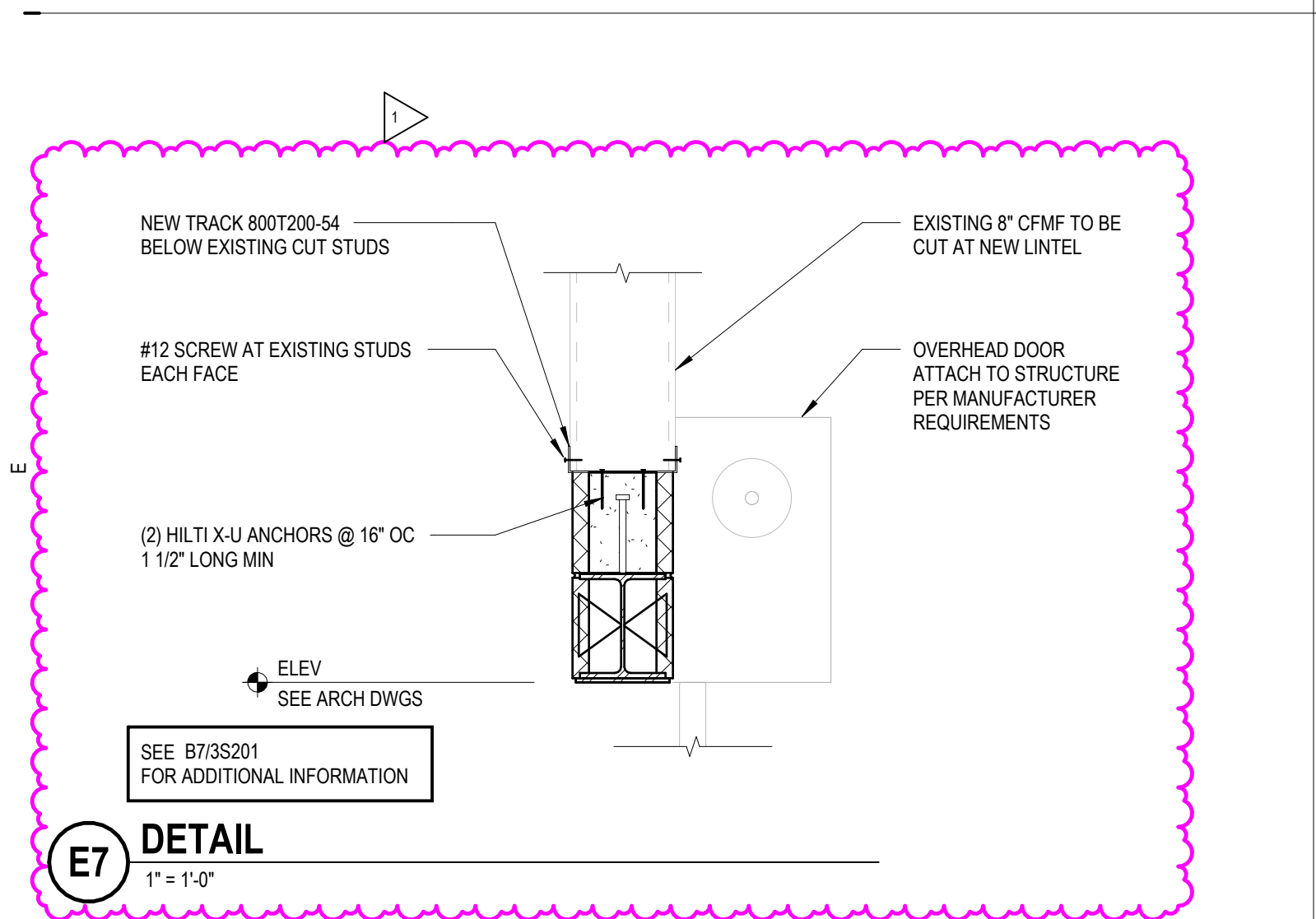
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



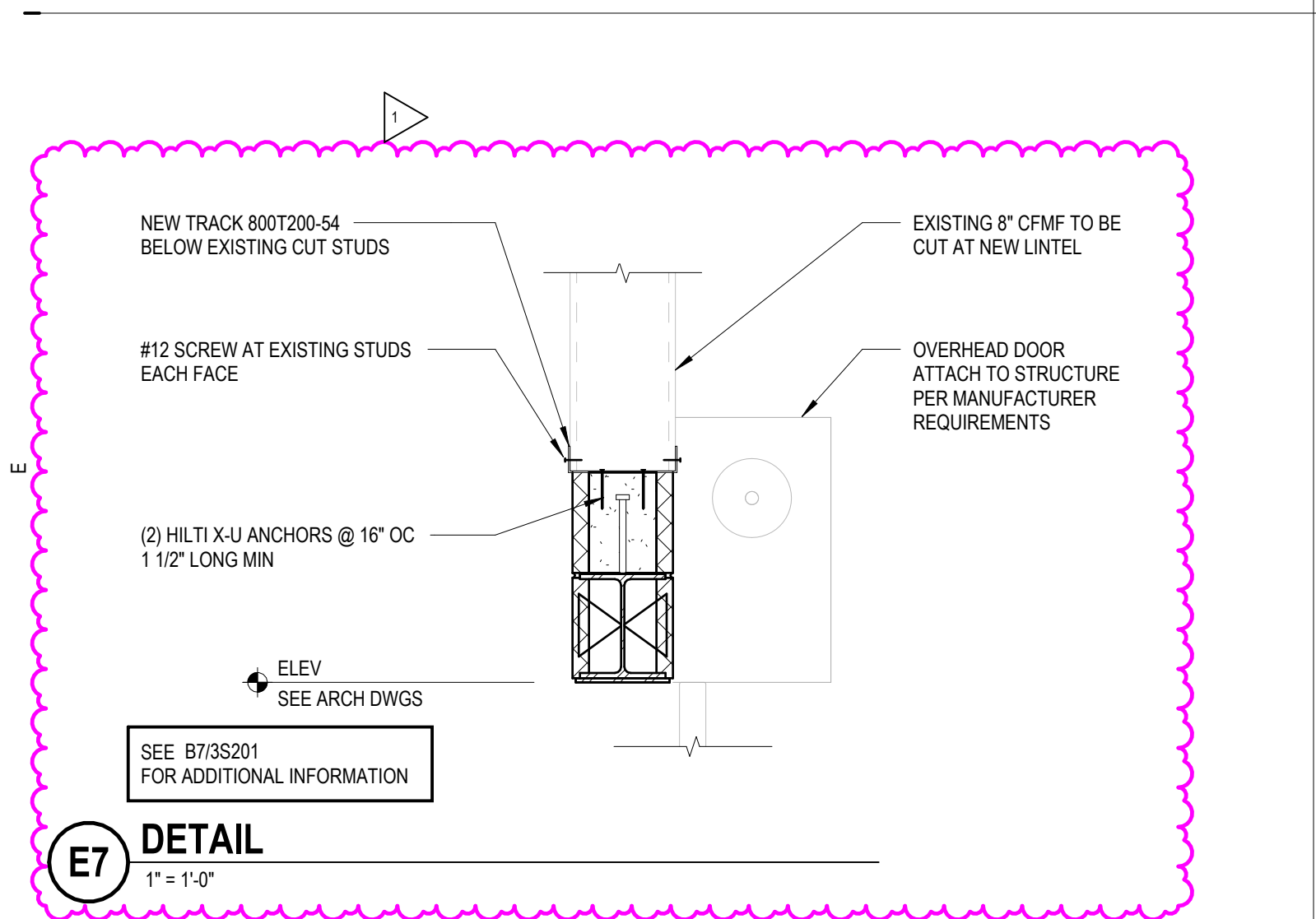
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



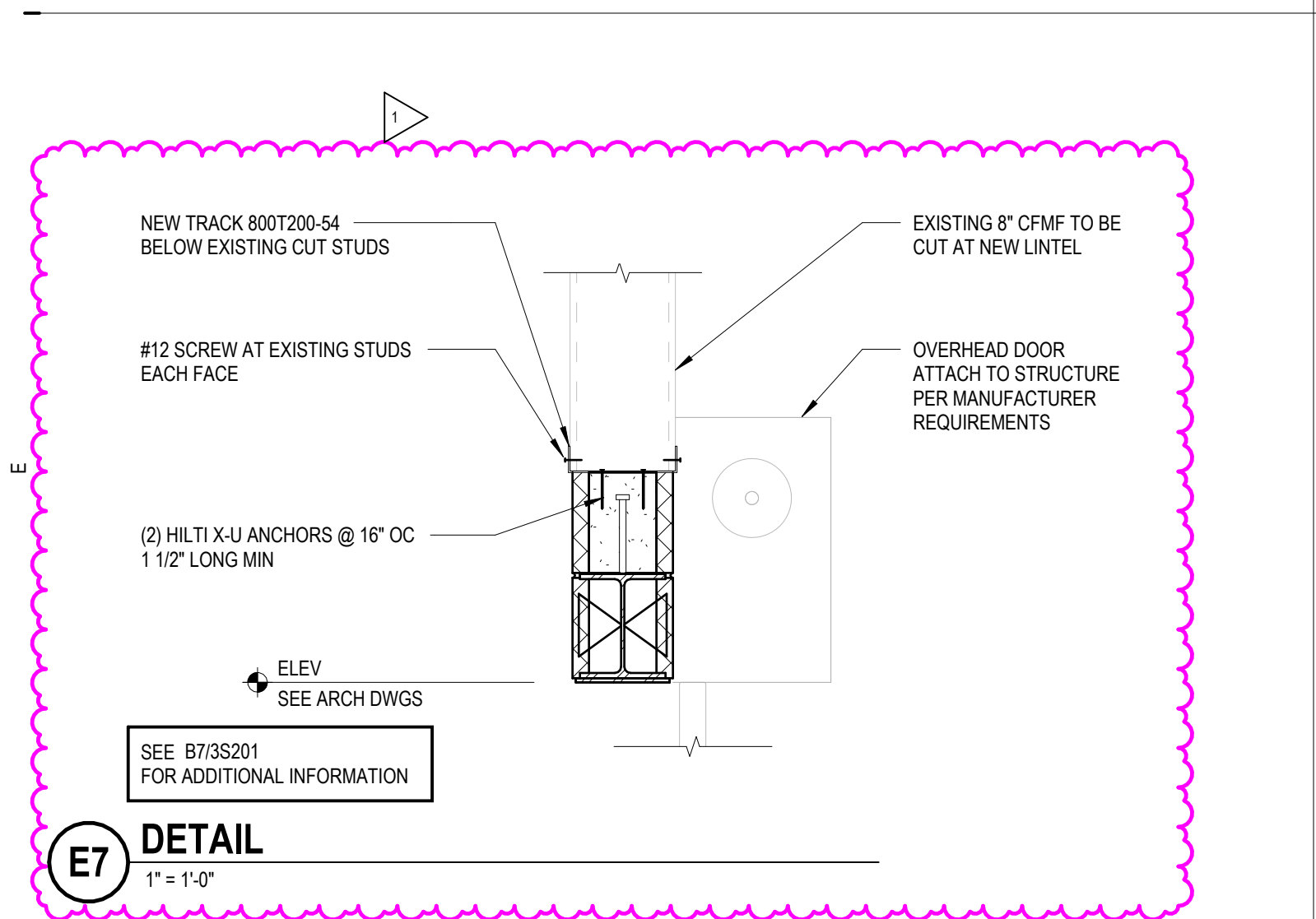
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



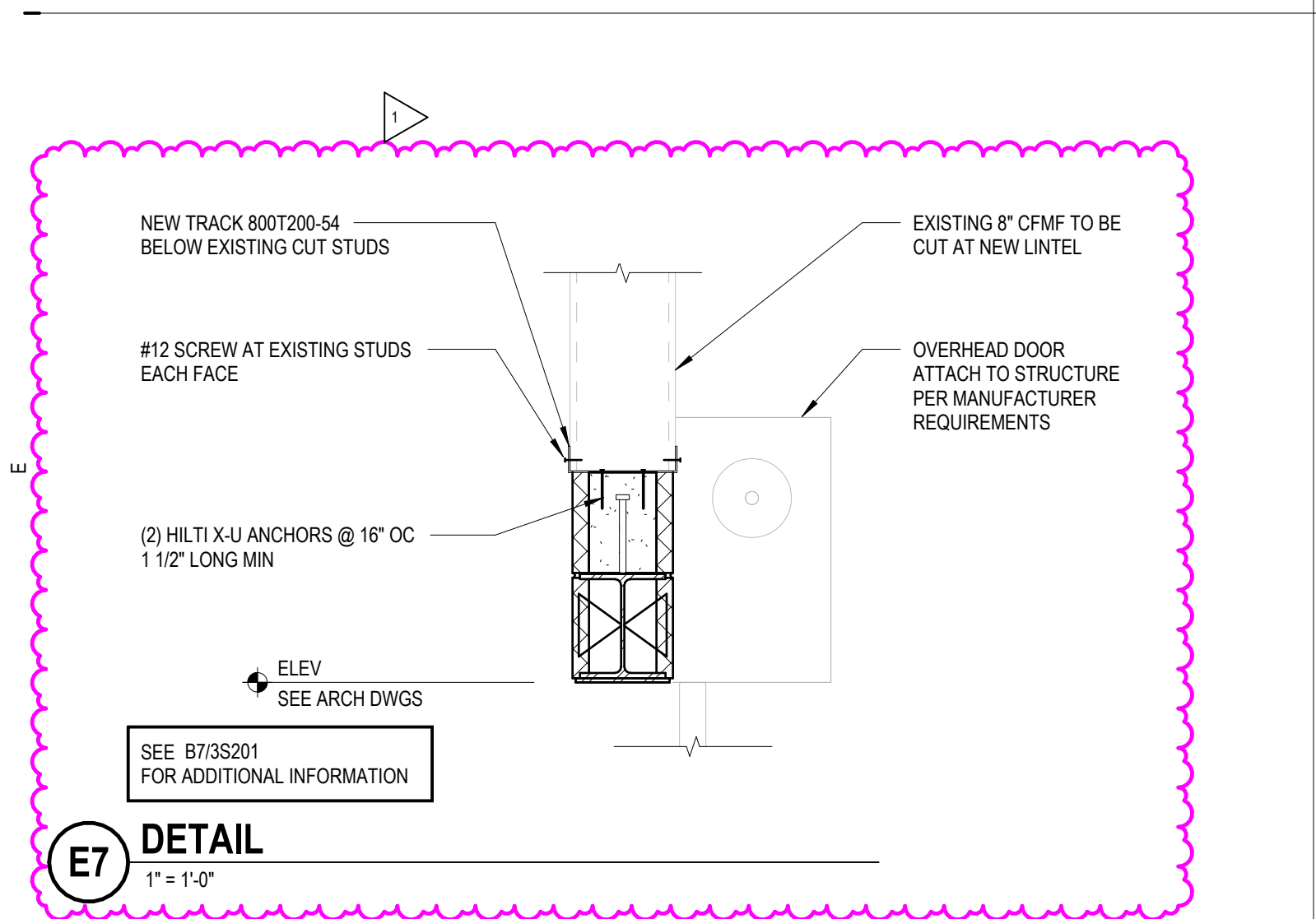
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



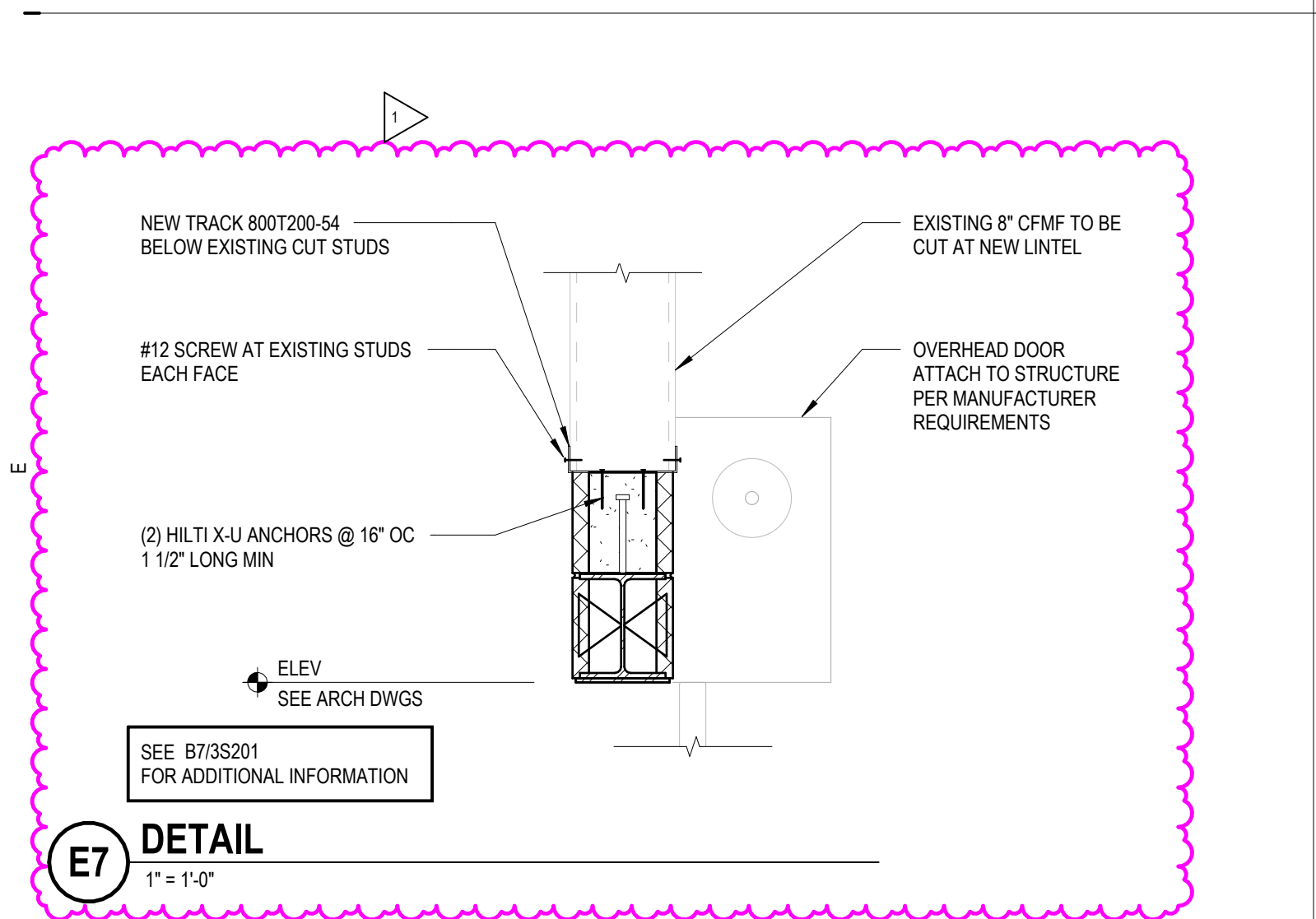
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



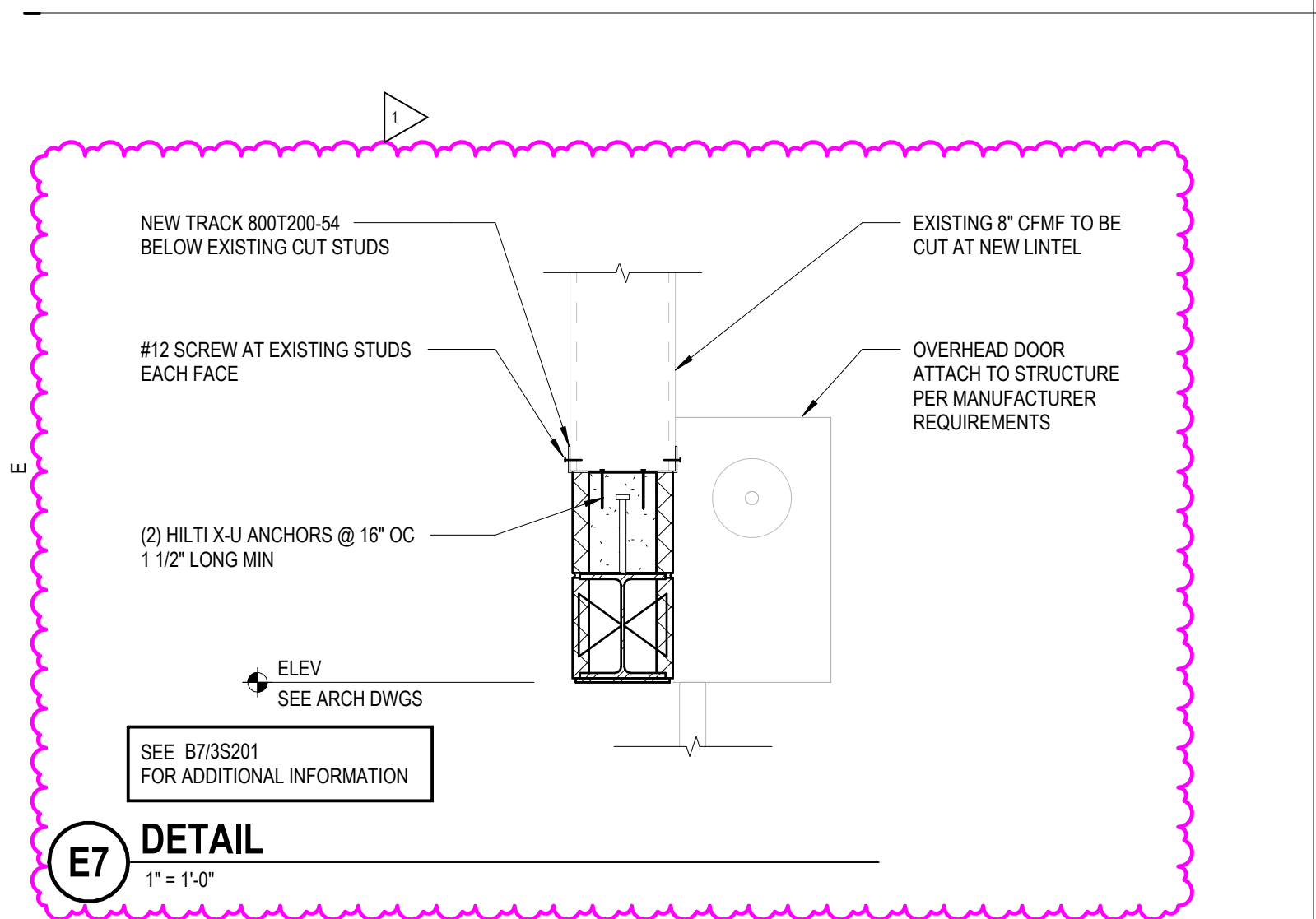
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



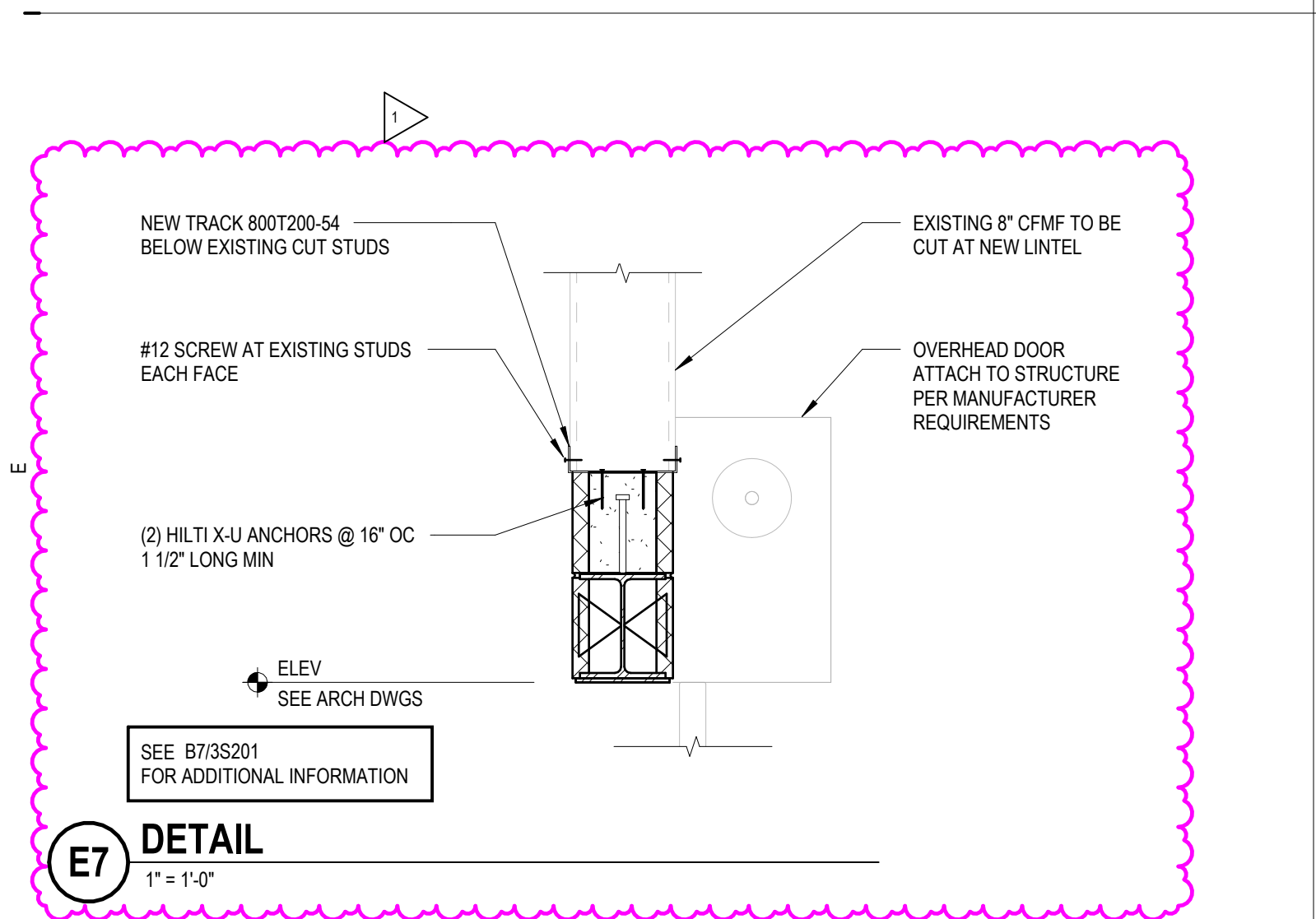
E1 TYPICAL BEARING PLATE
NOT TO SCALE



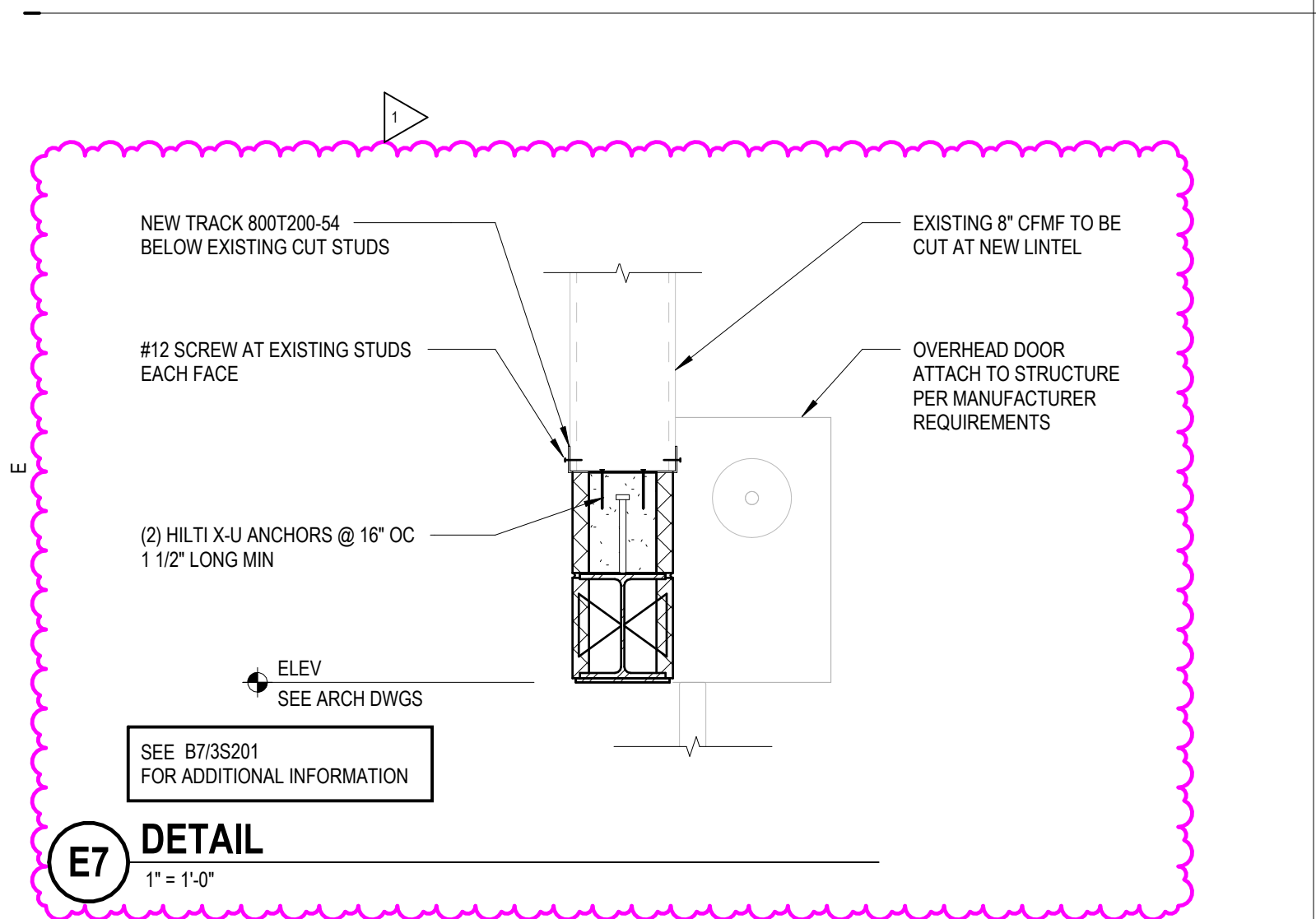
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



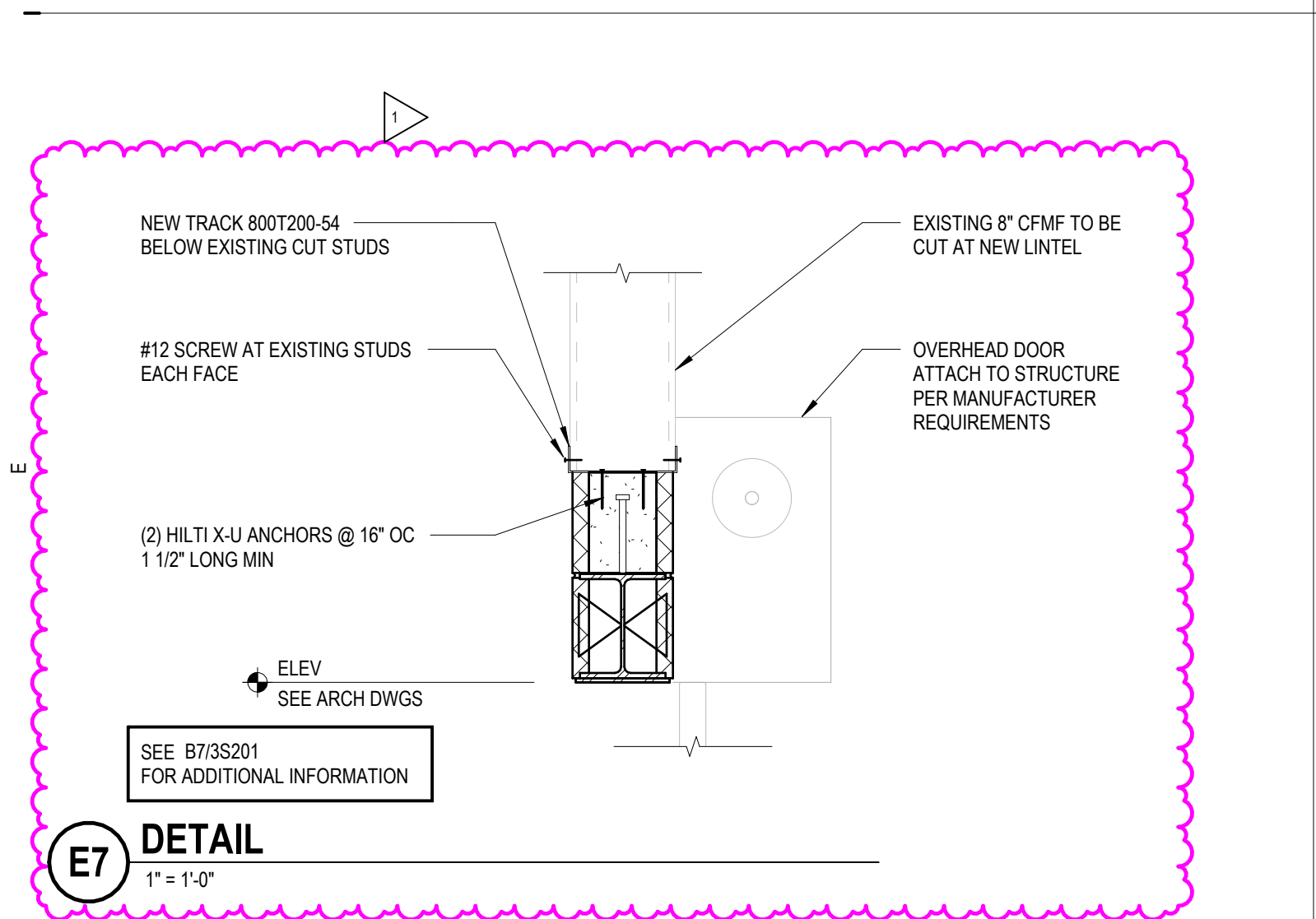
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



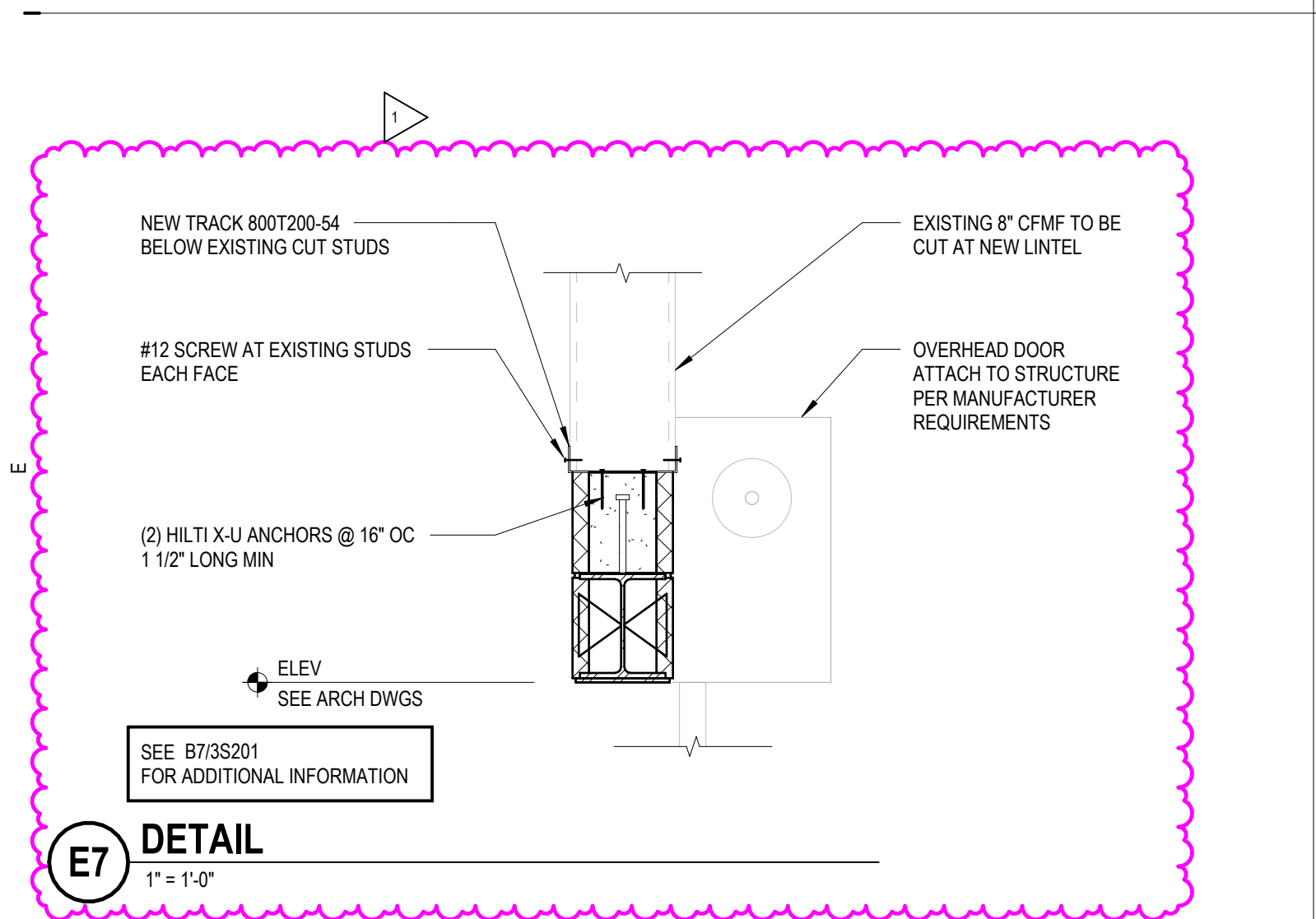
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



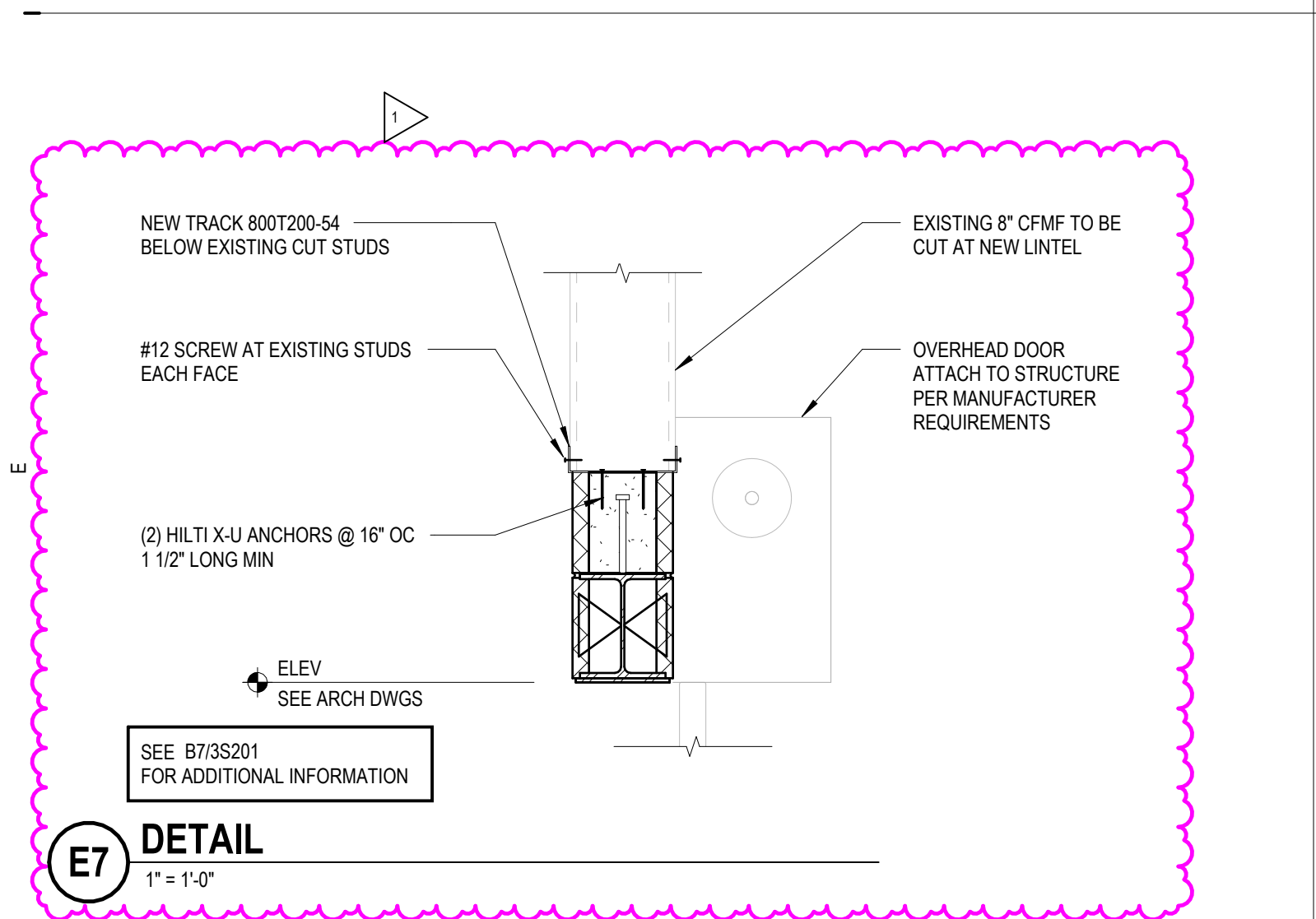
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



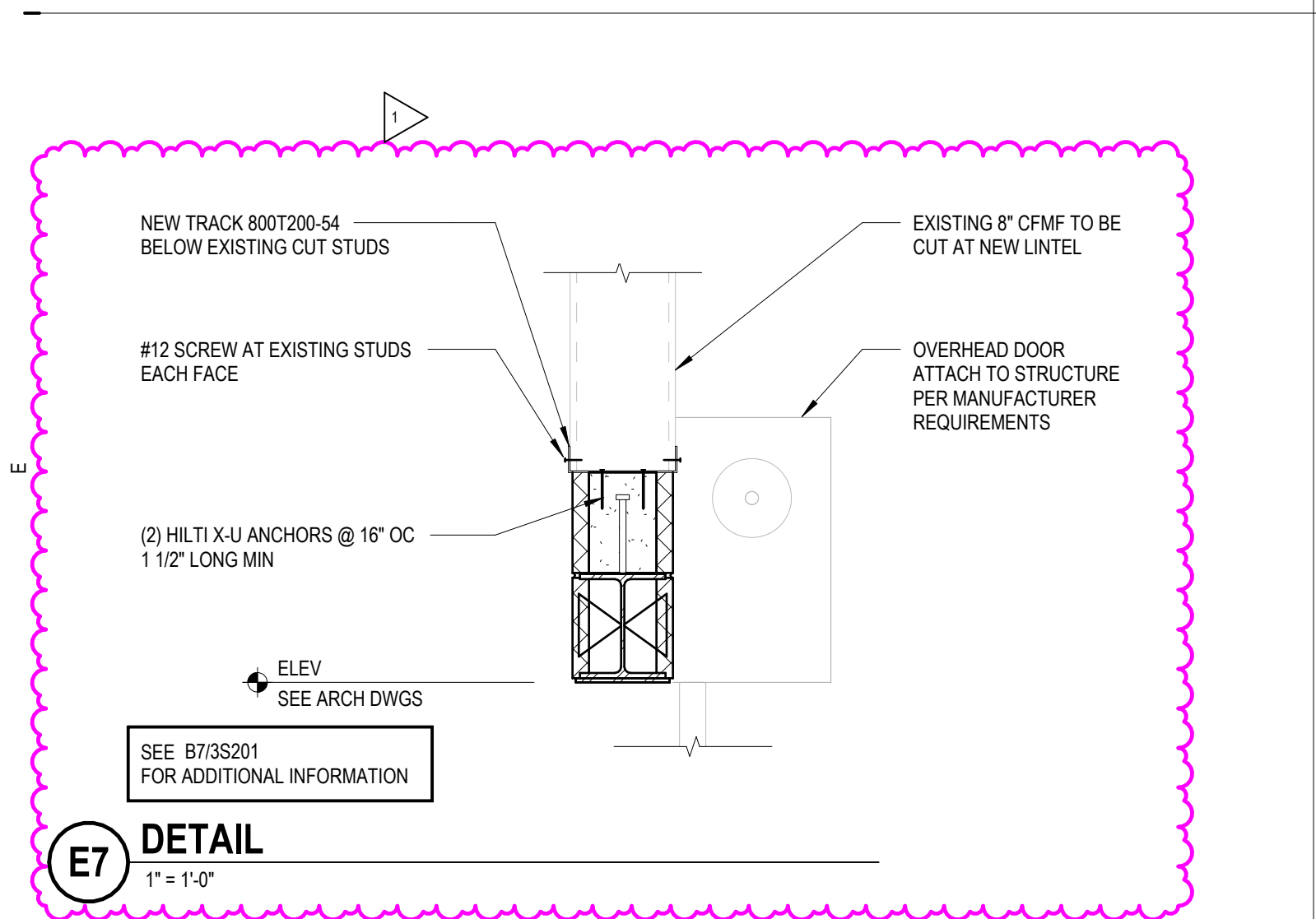
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



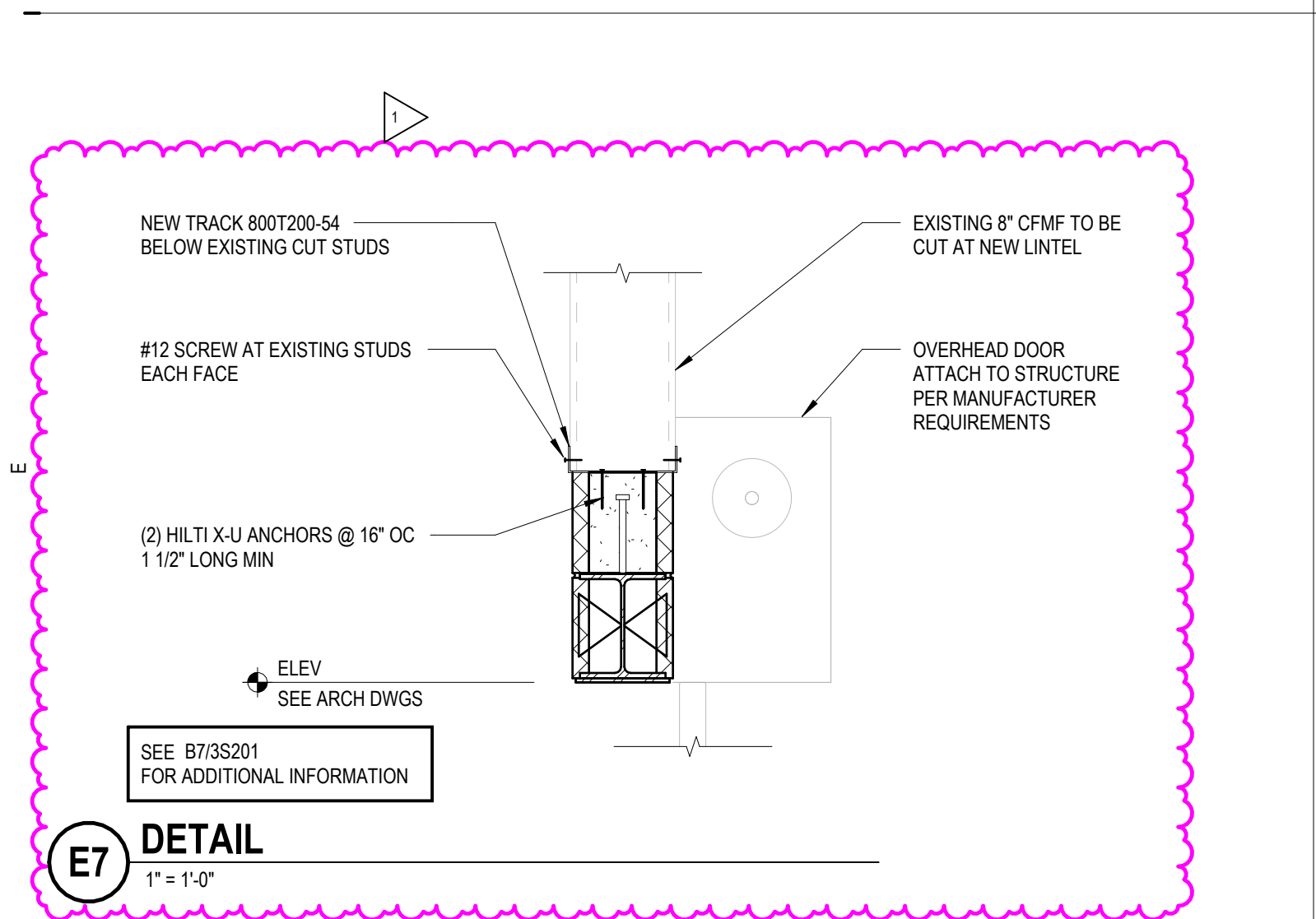
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



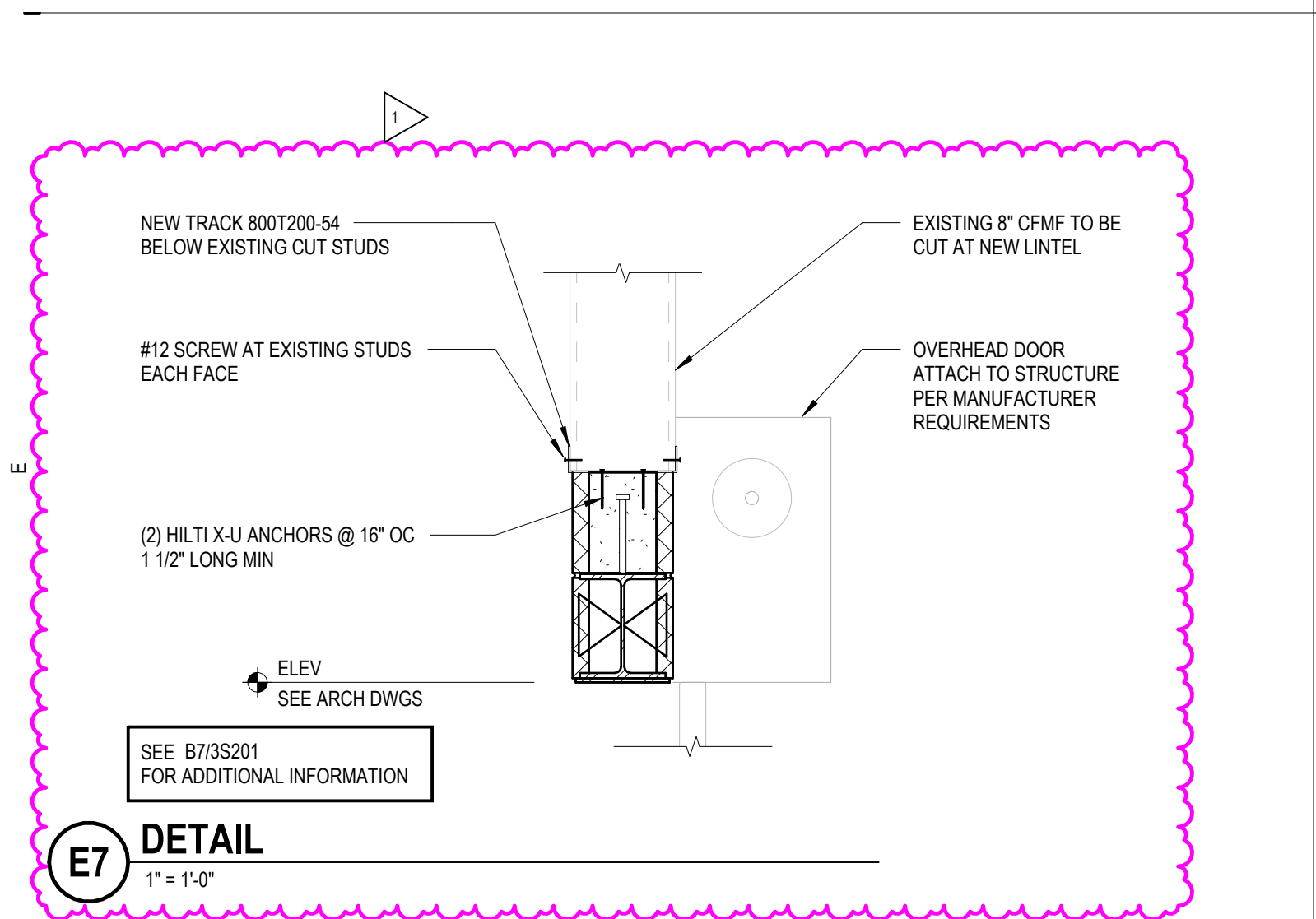
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



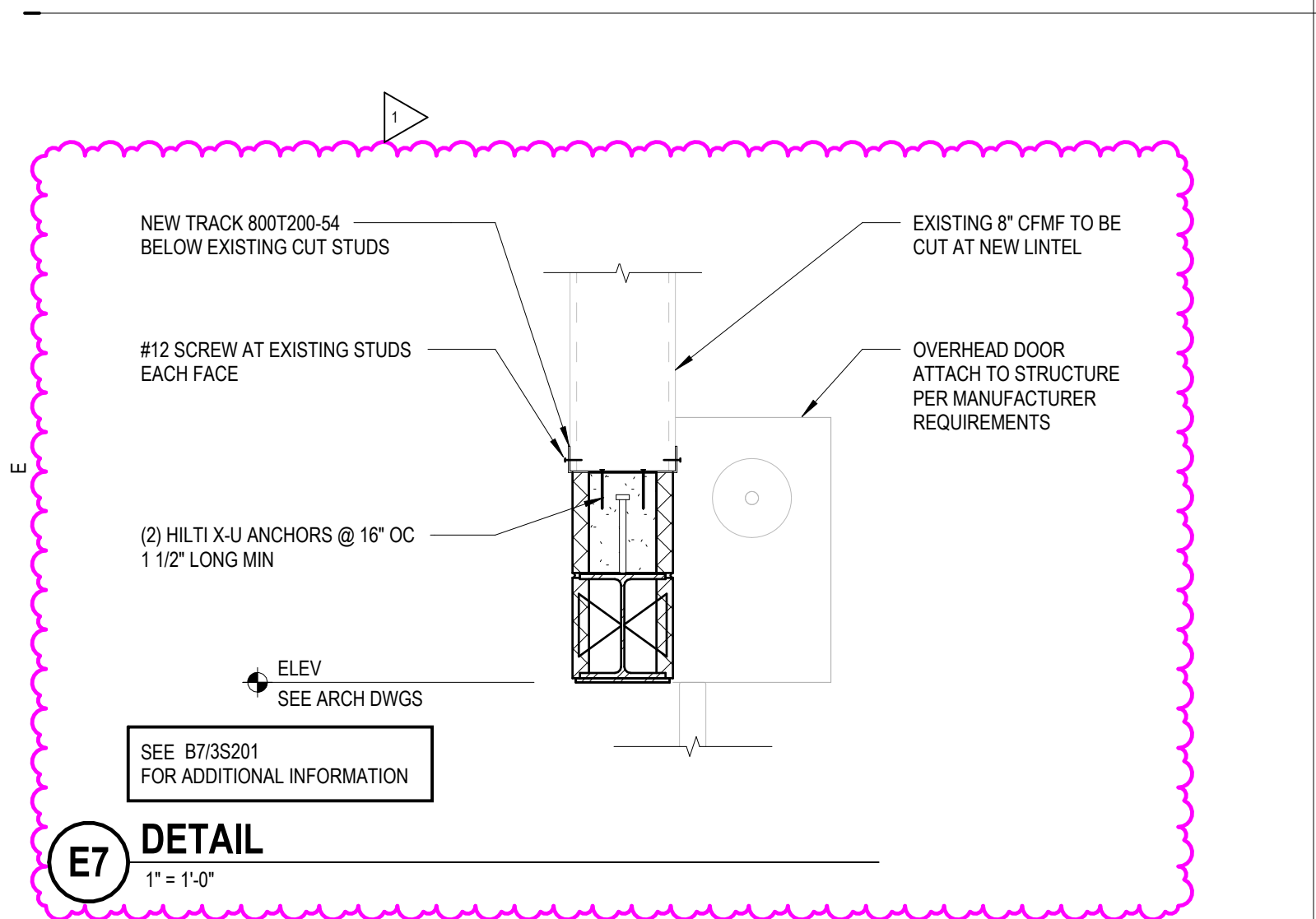
E1 TYPICAL BEARING PLATE
NOT TO SCALE



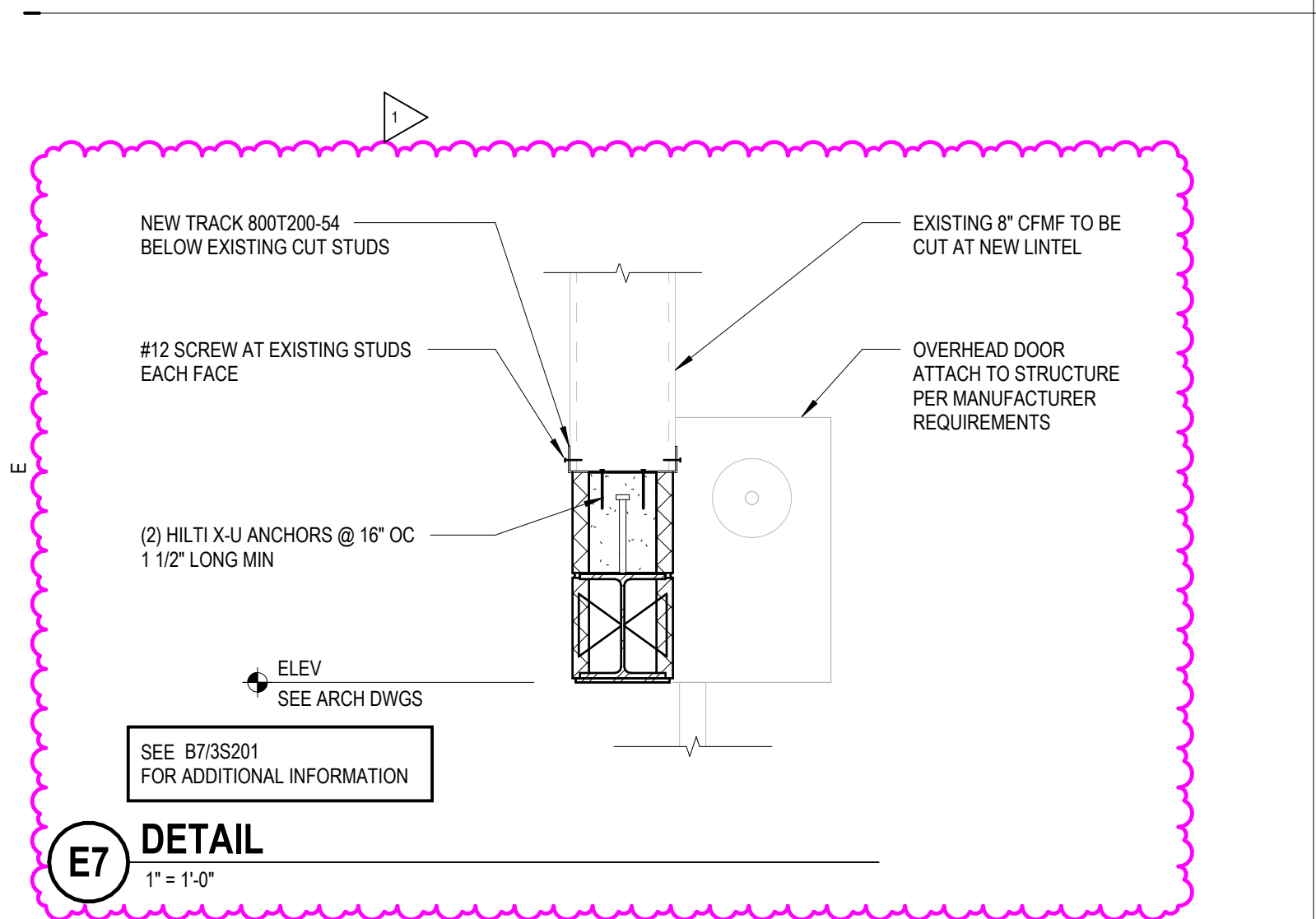
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



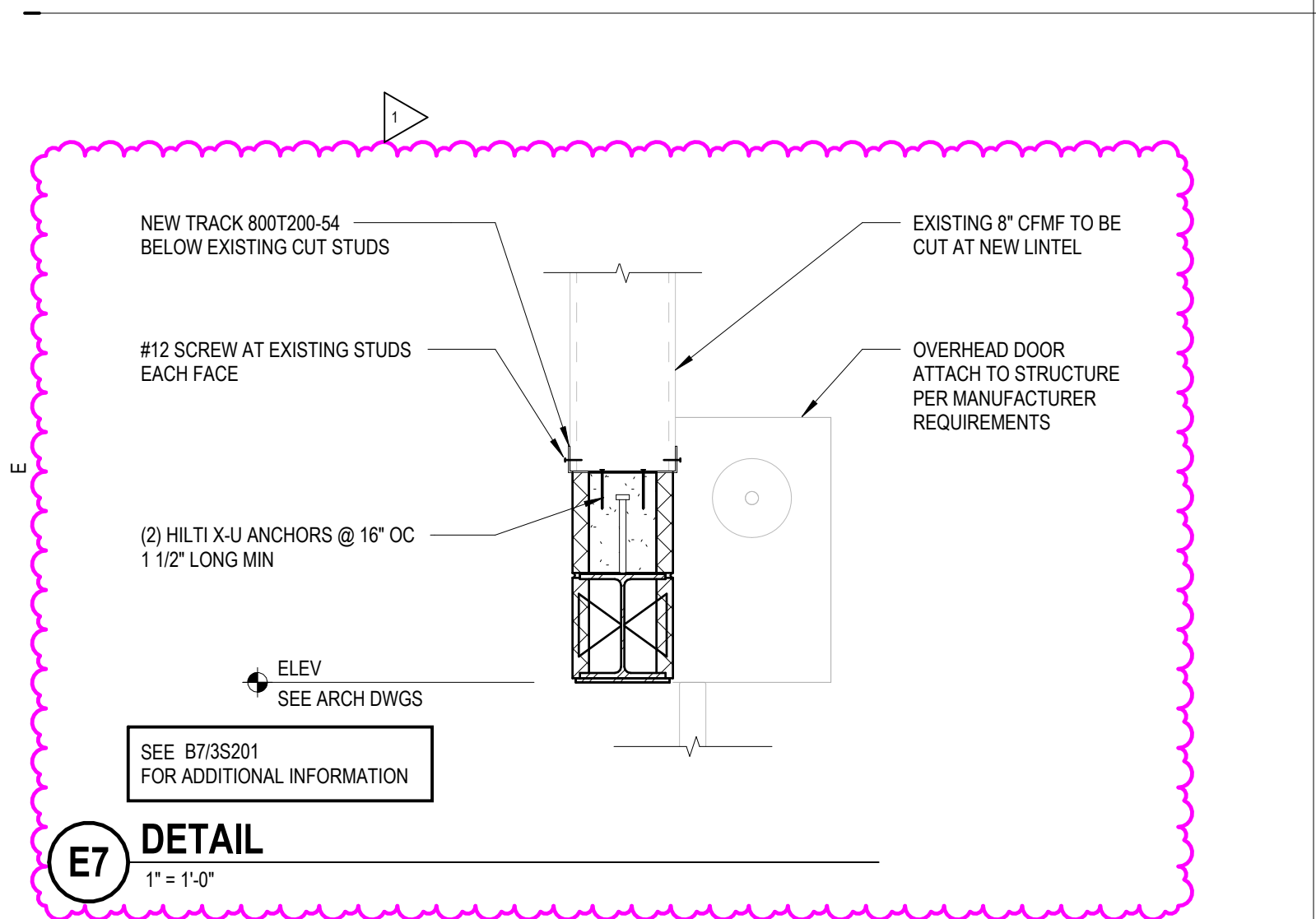
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



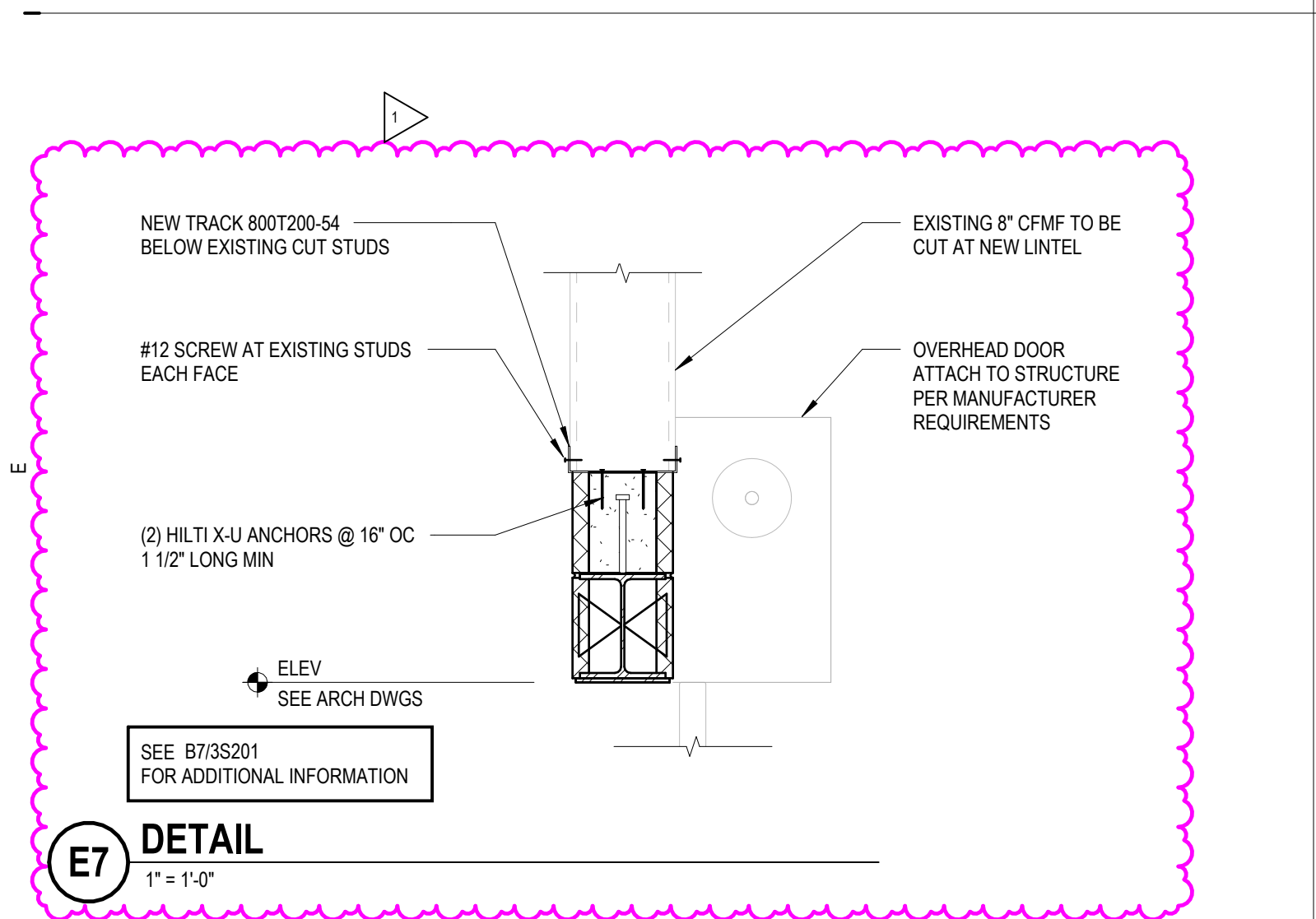
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



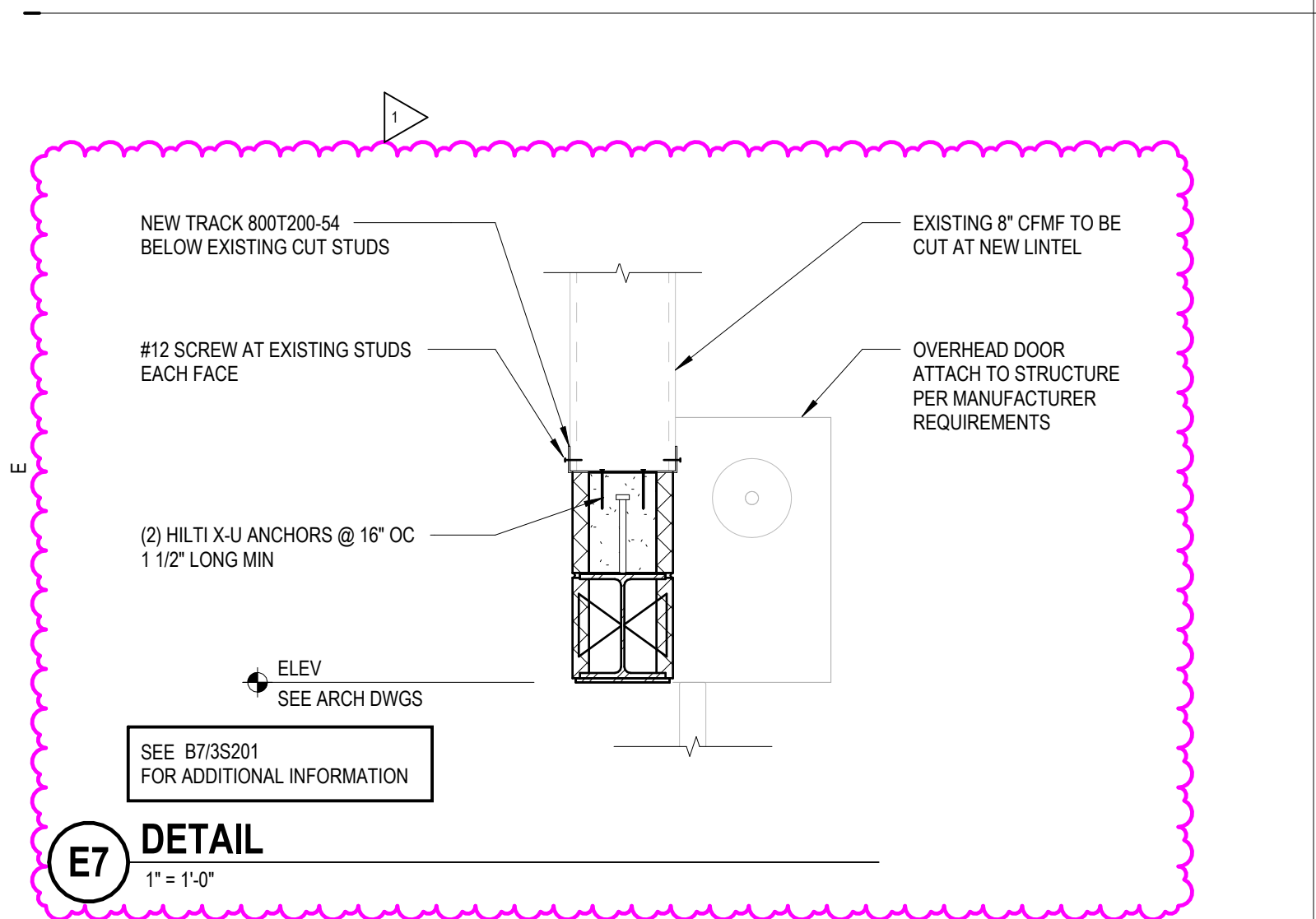
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



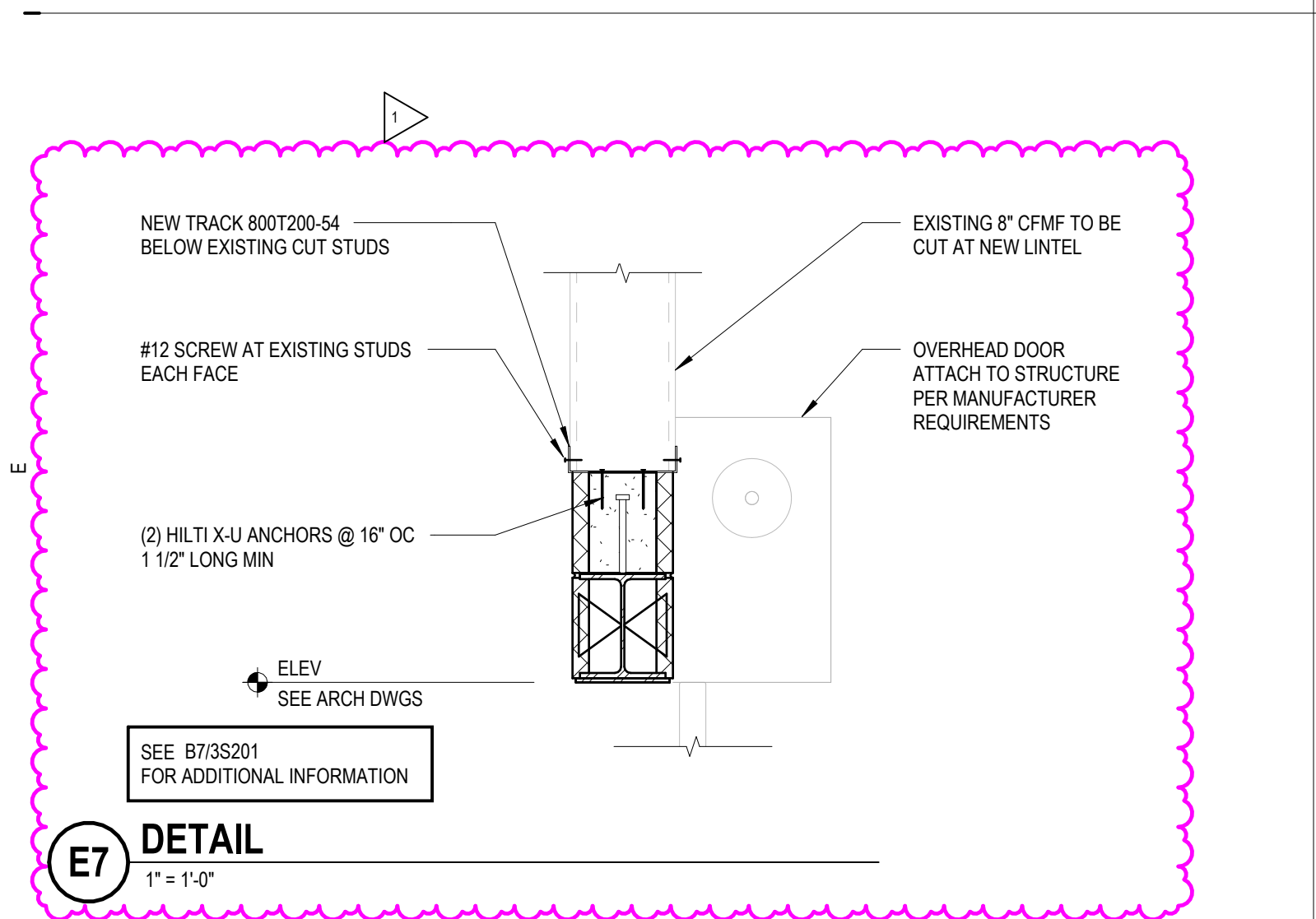
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



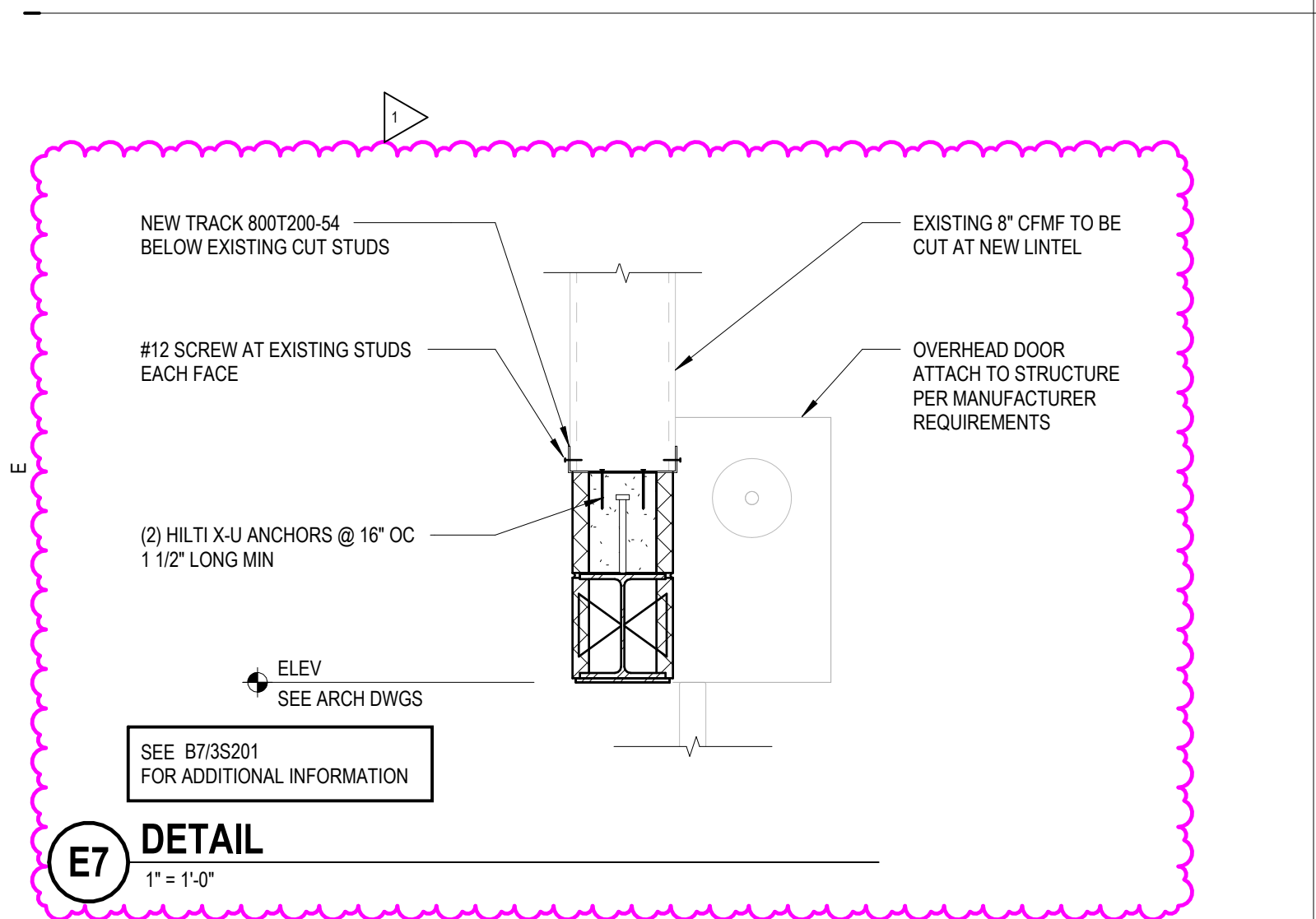
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



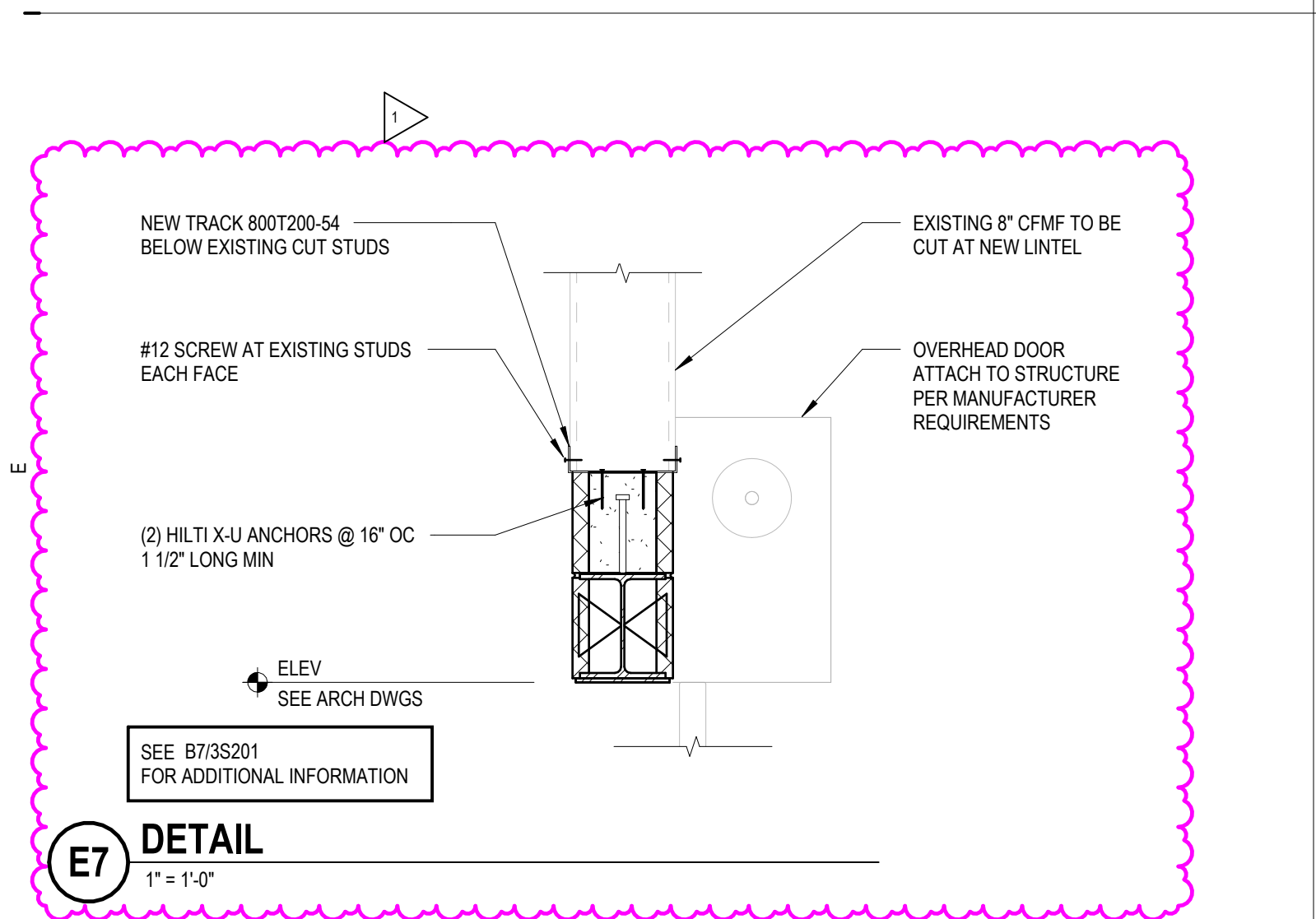
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



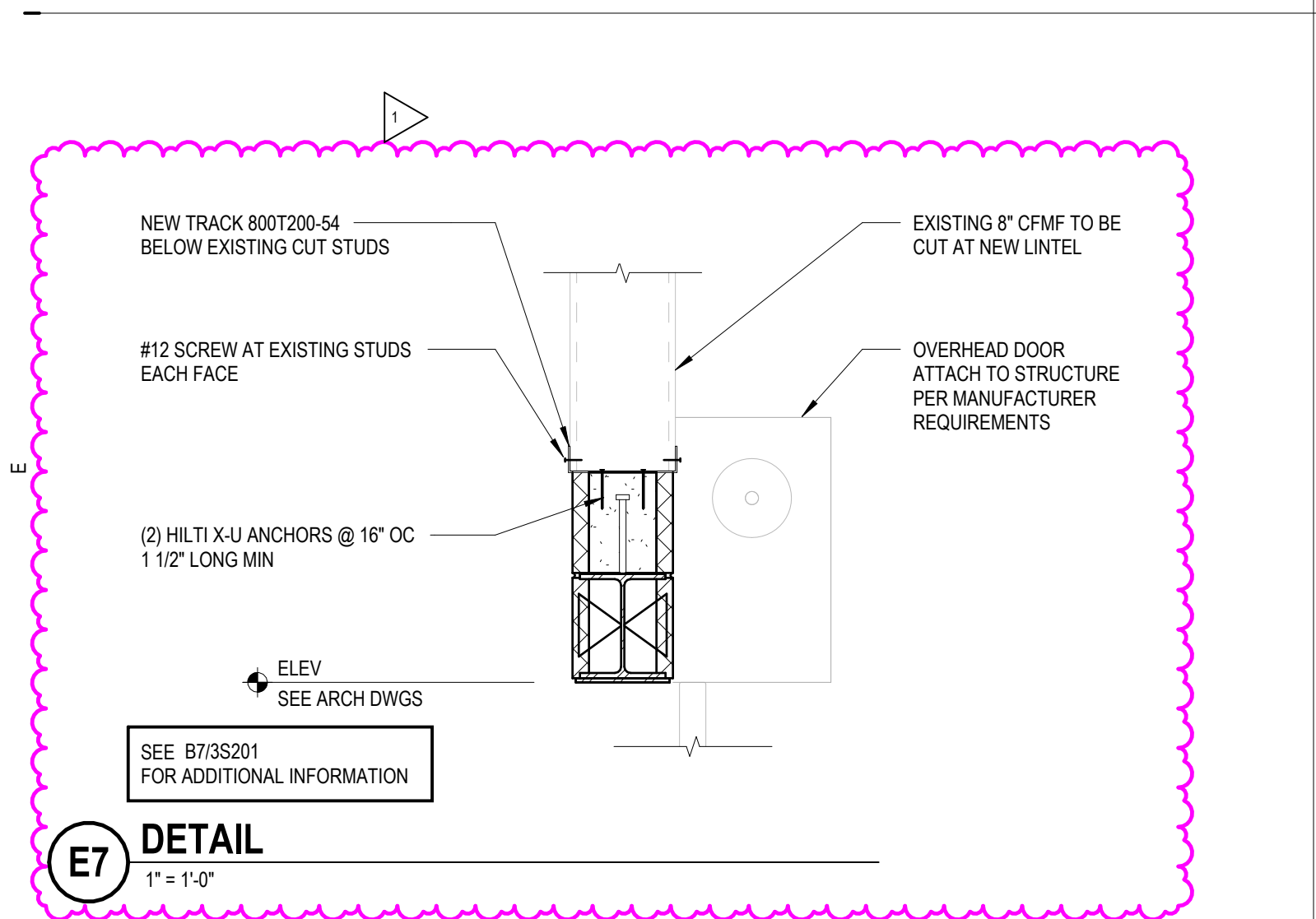
E1 TYPICAL BEARING PLATE
NOT TO SCALE



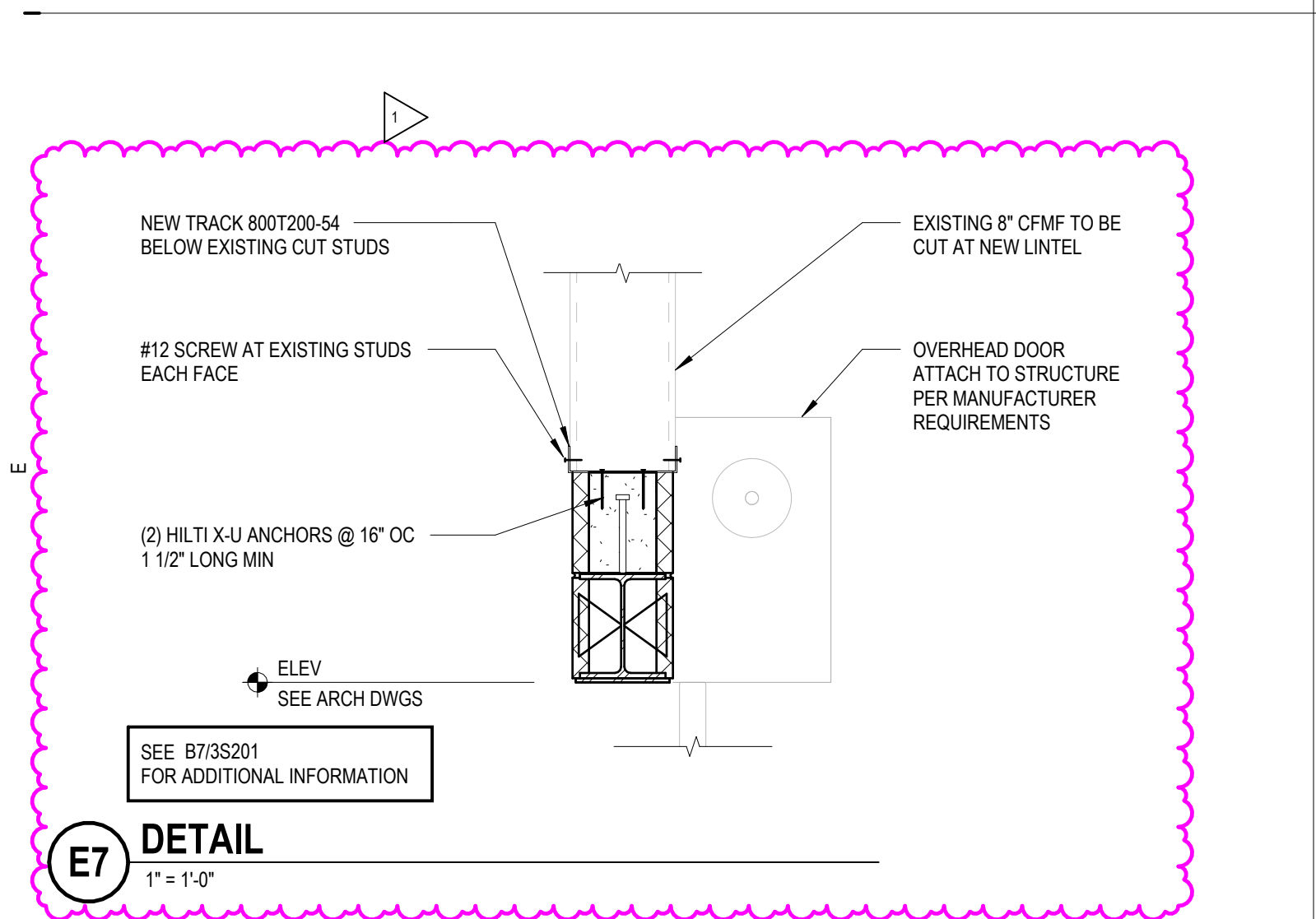
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



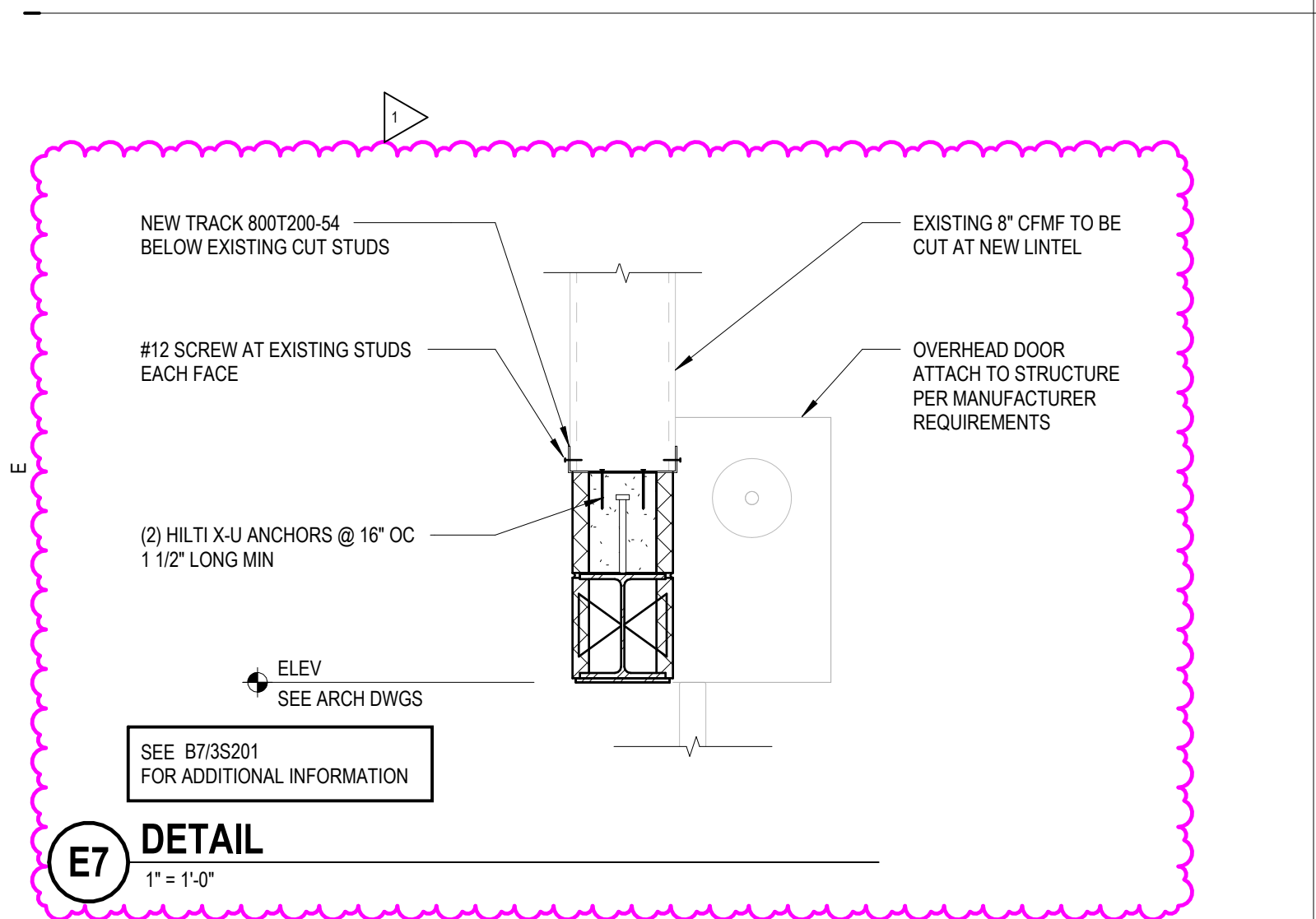
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



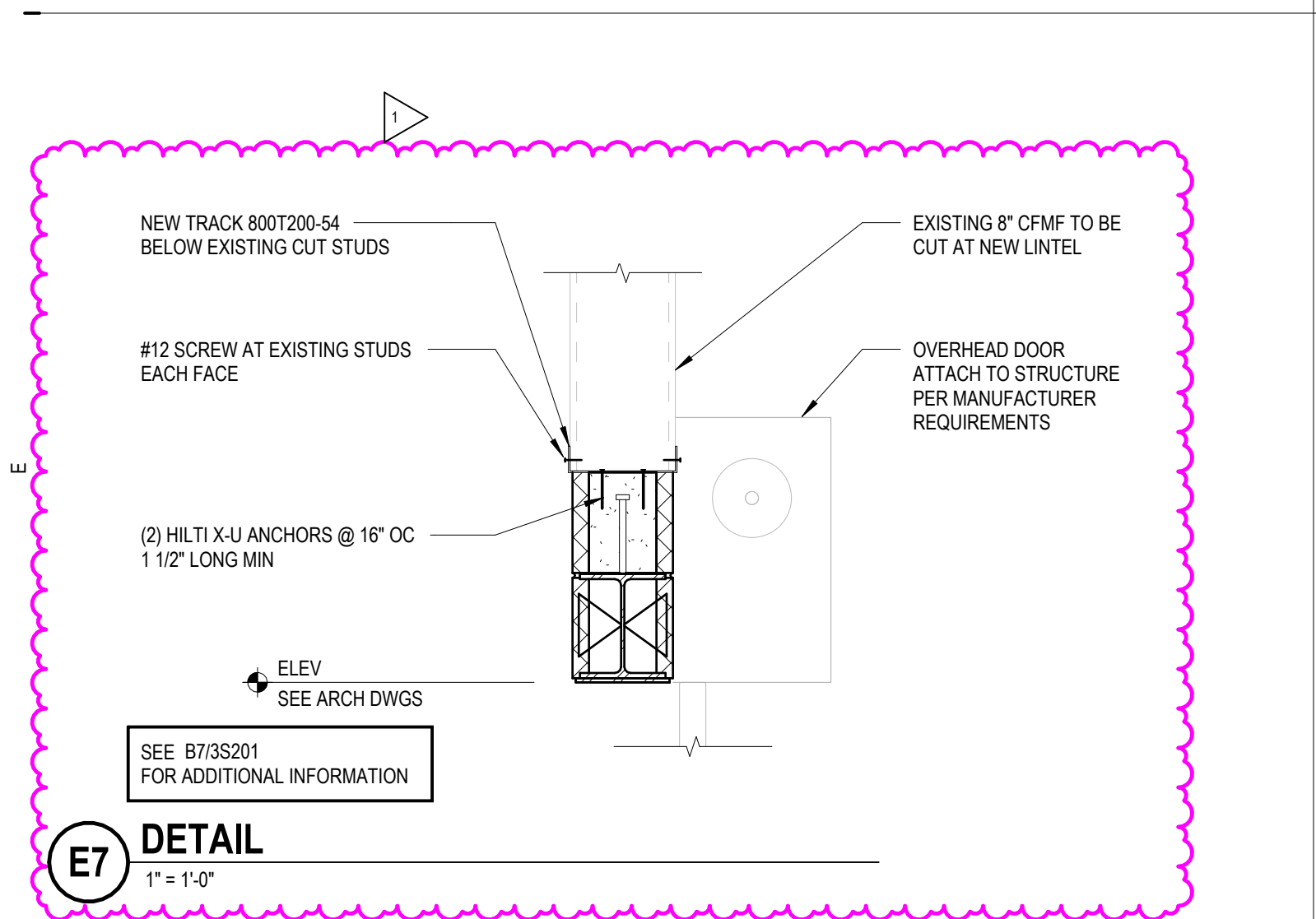
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



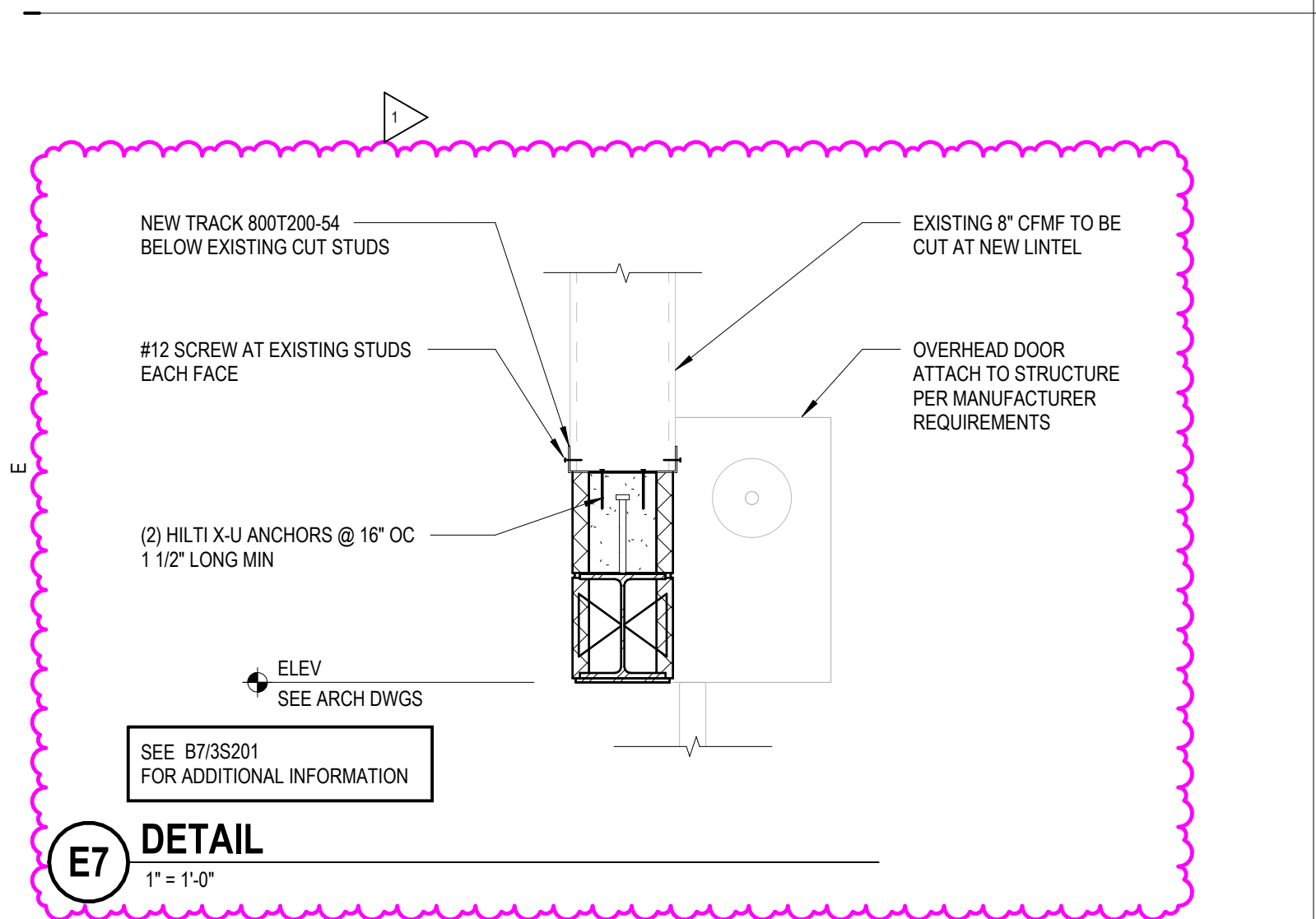
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



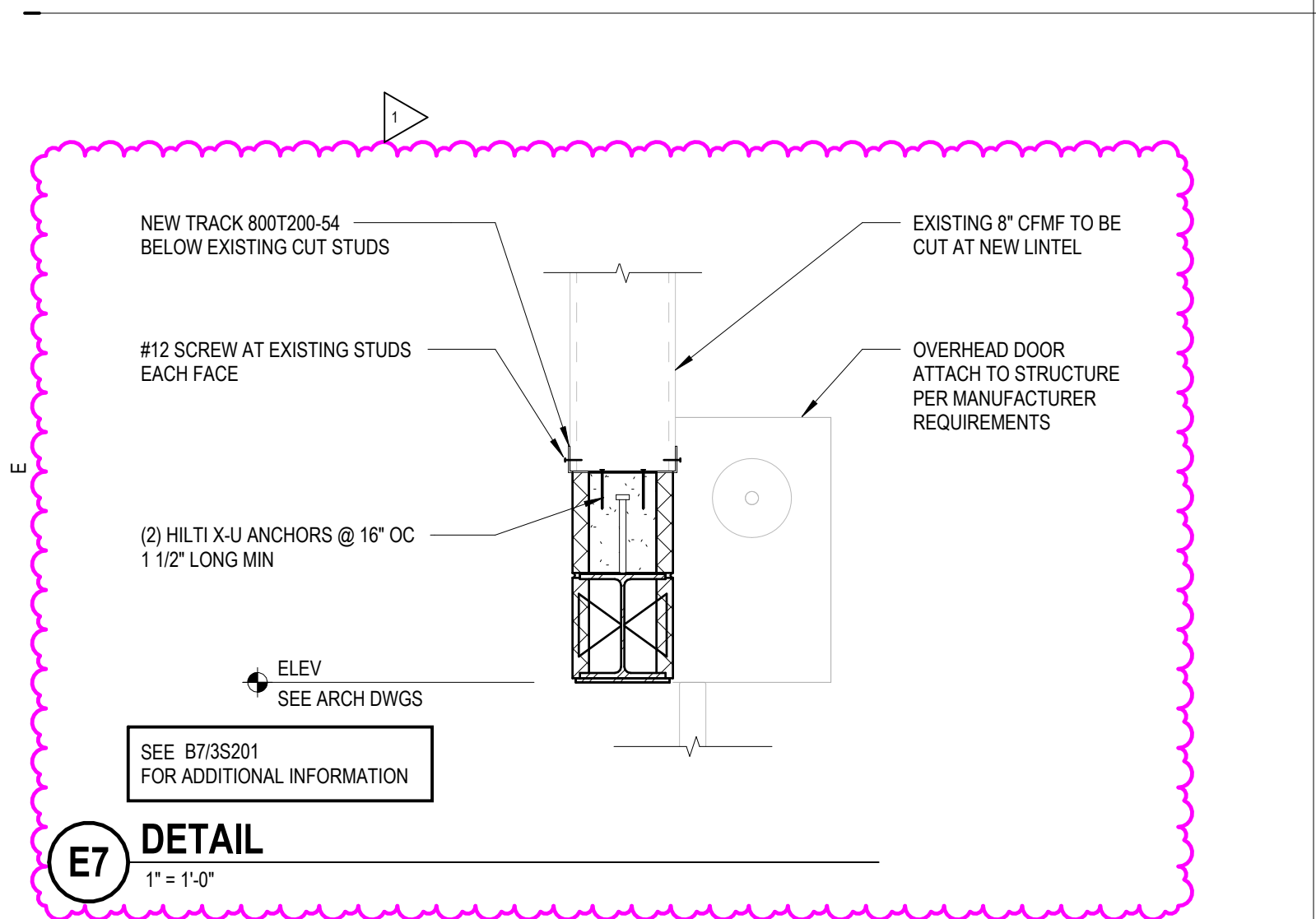
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE



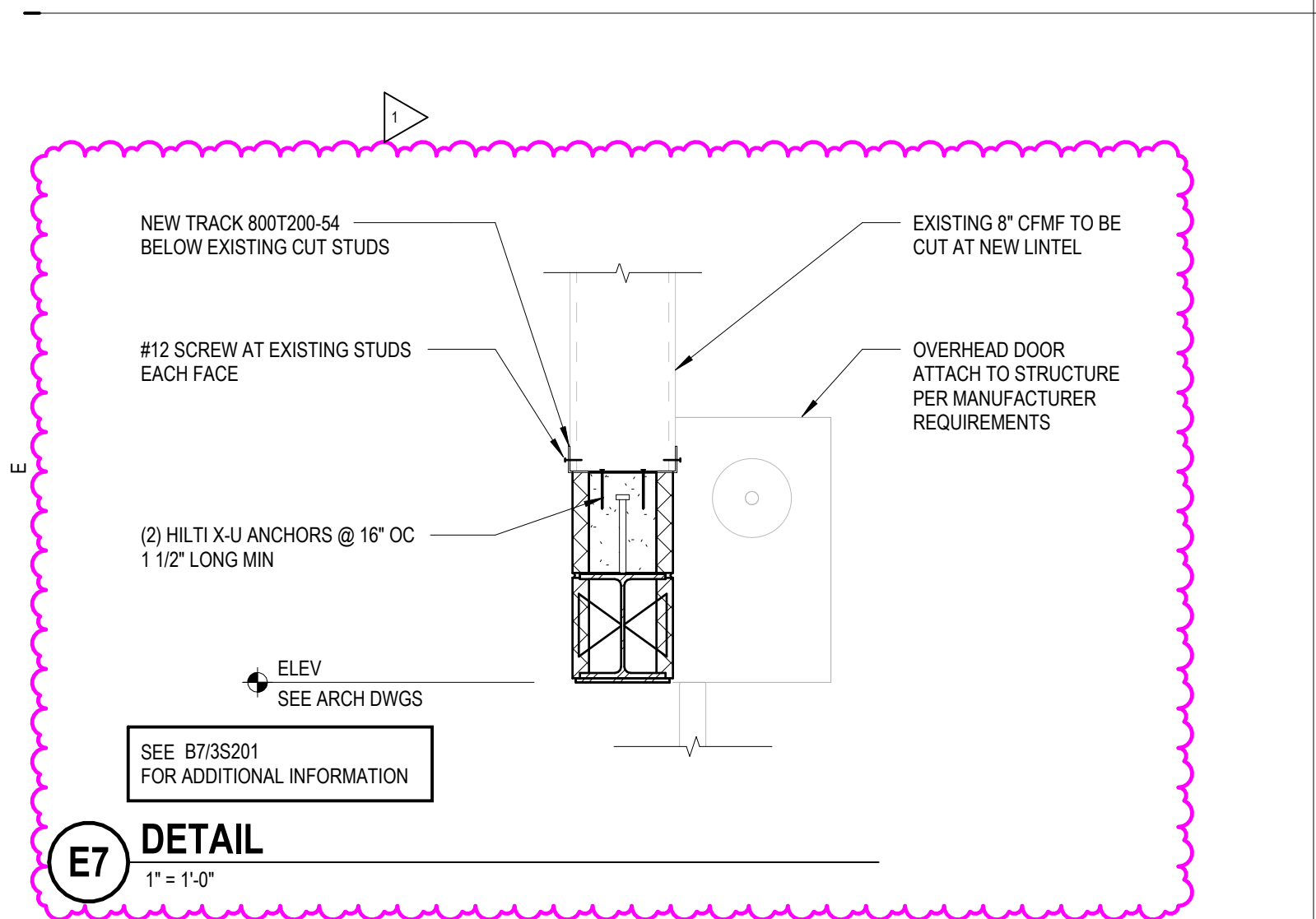
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



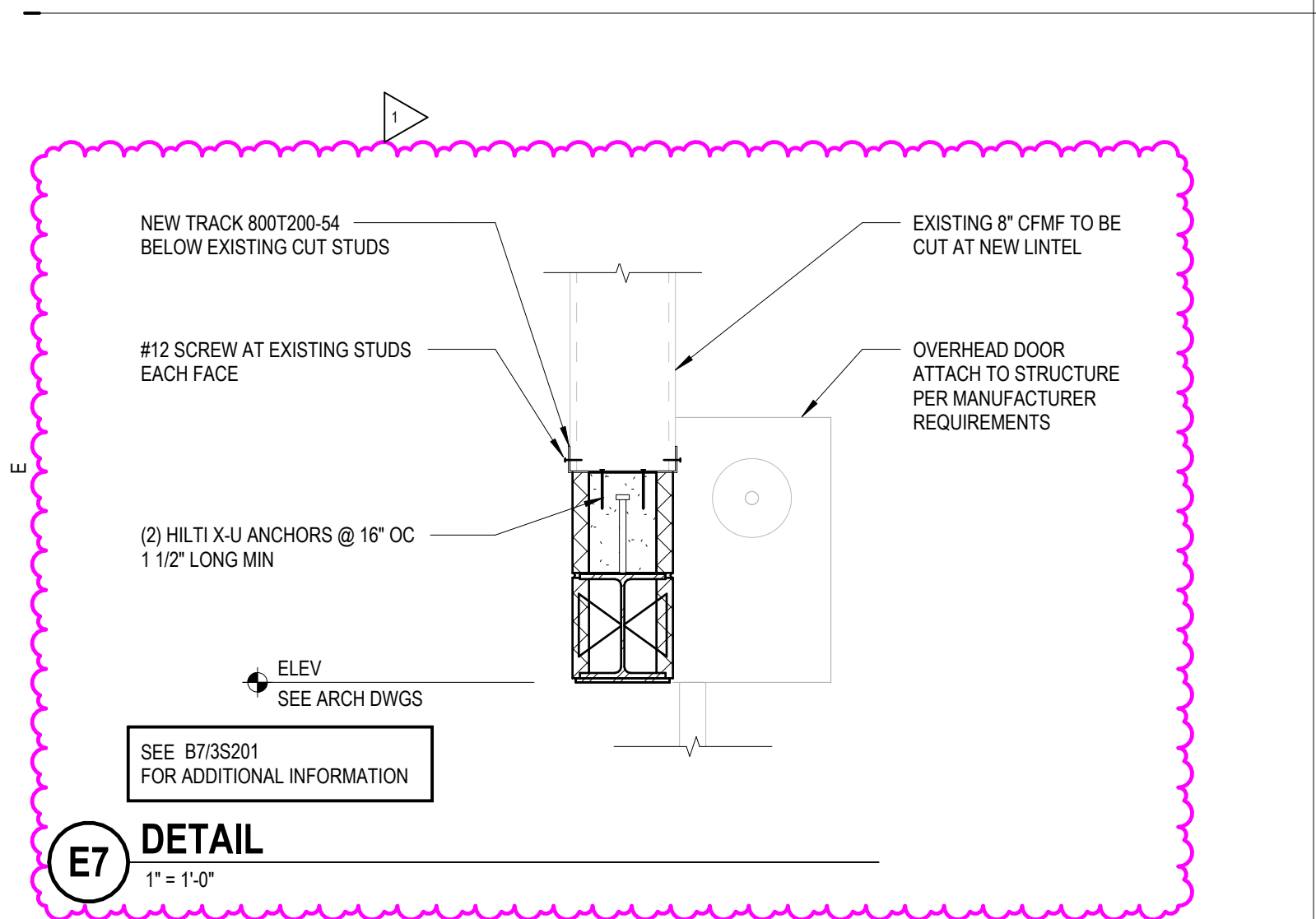
D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



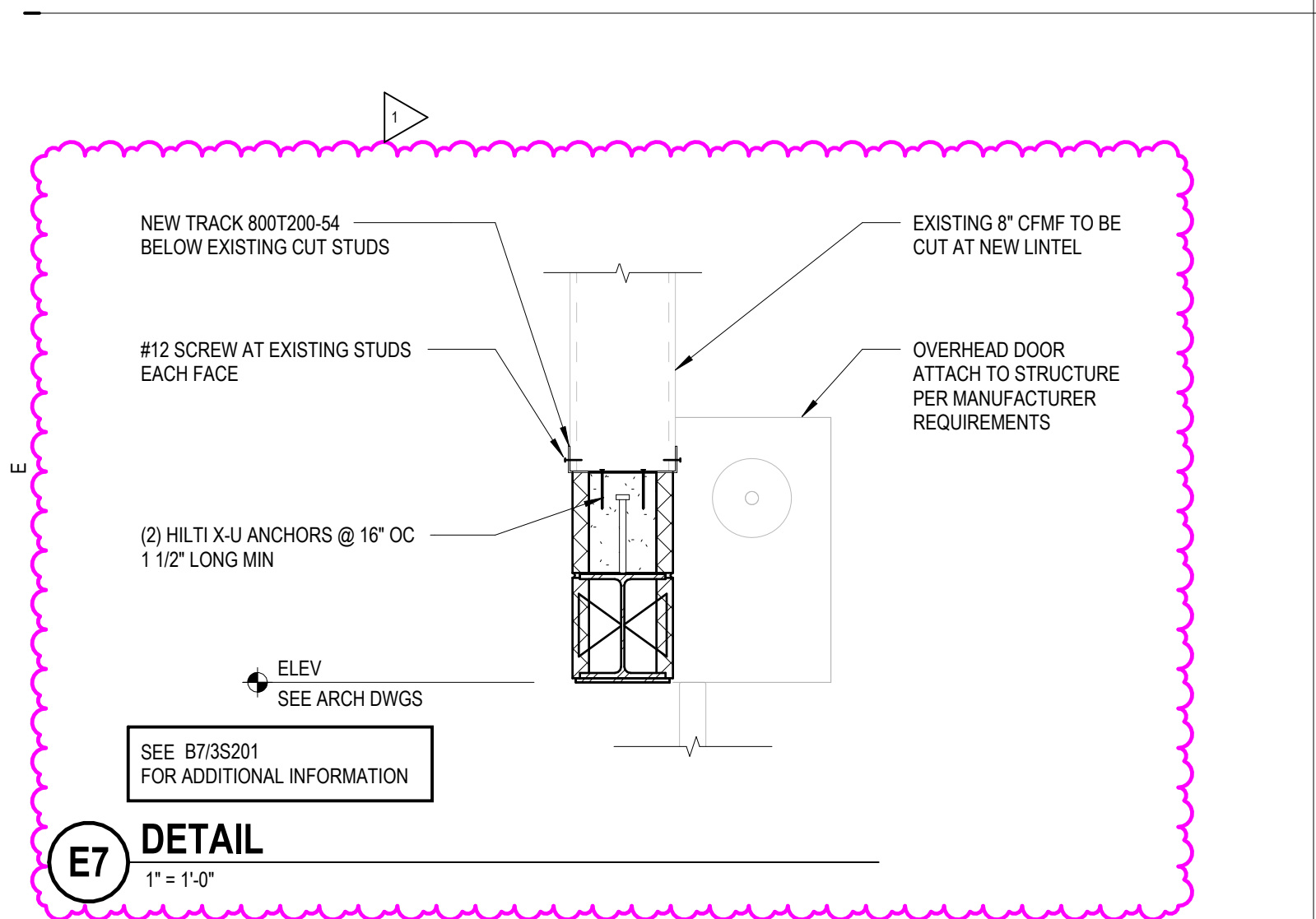
E1 TYPICAL BEARING PLATE
NOT TO SCALE



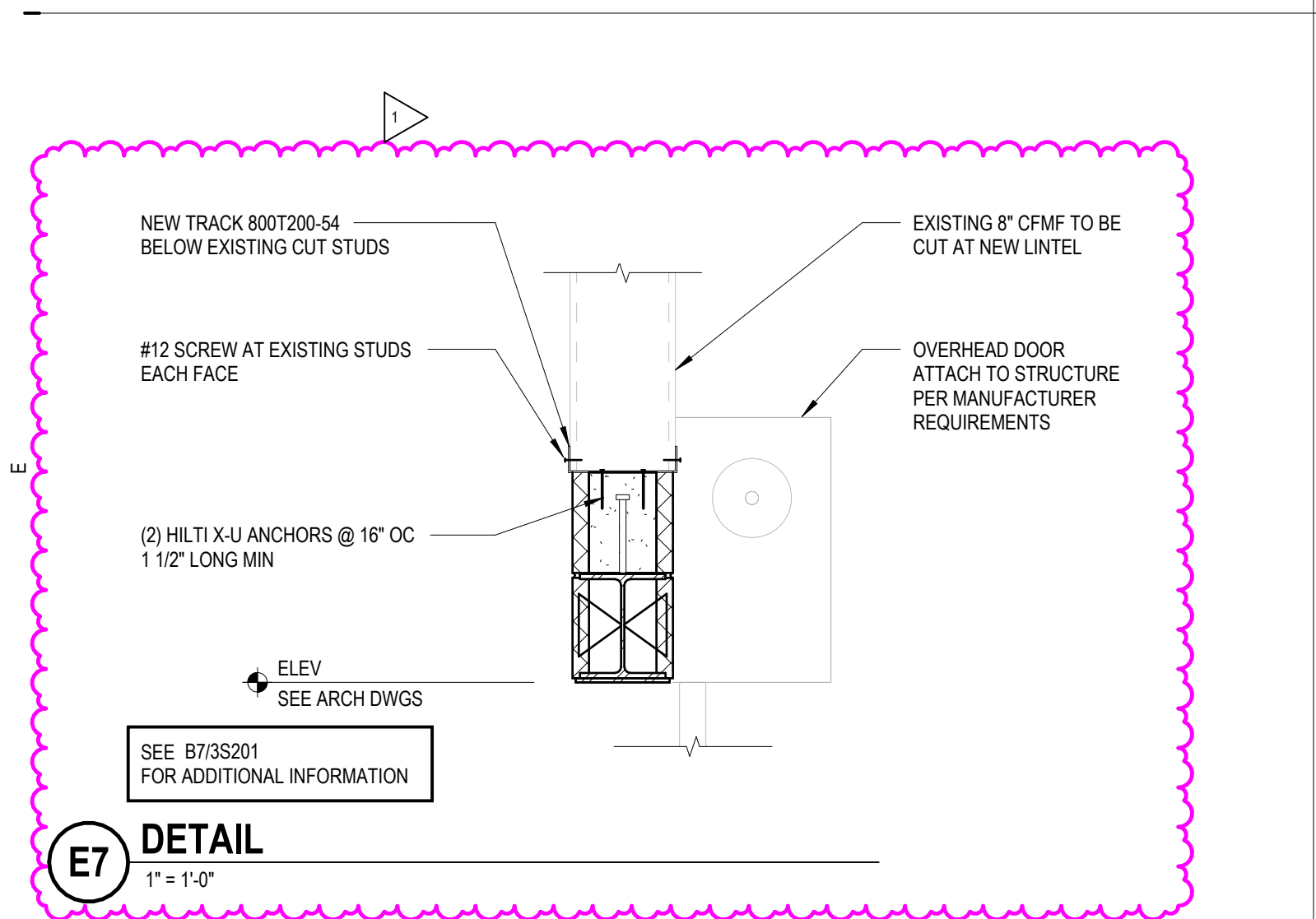
E2 TYP BOND BEAMS AT CONTROL JOINTS
NOT TO SCALE



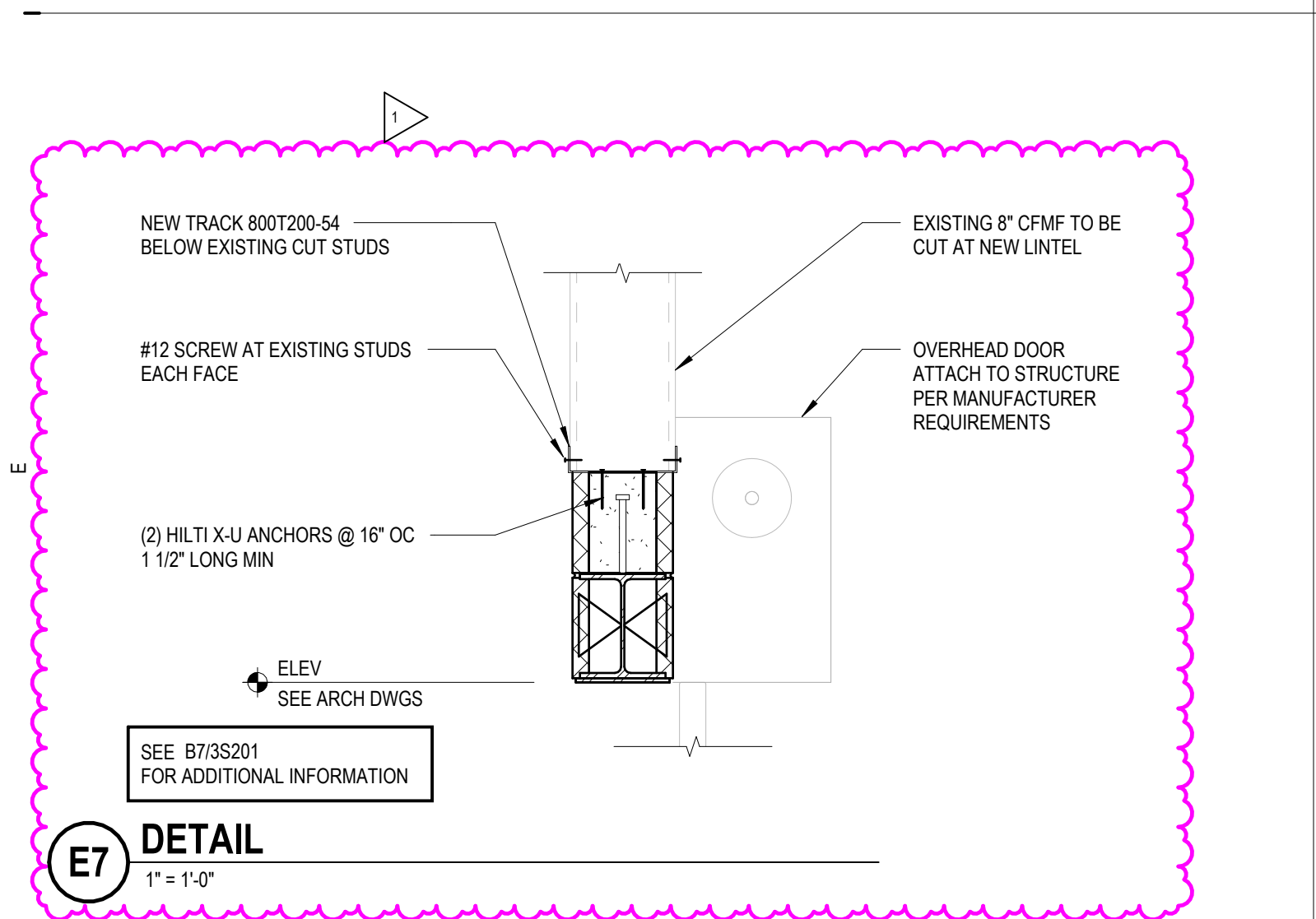
E4 TYPICAL SLAB ON GRADE EQUIPMENT BASE
1" = 1'-0"



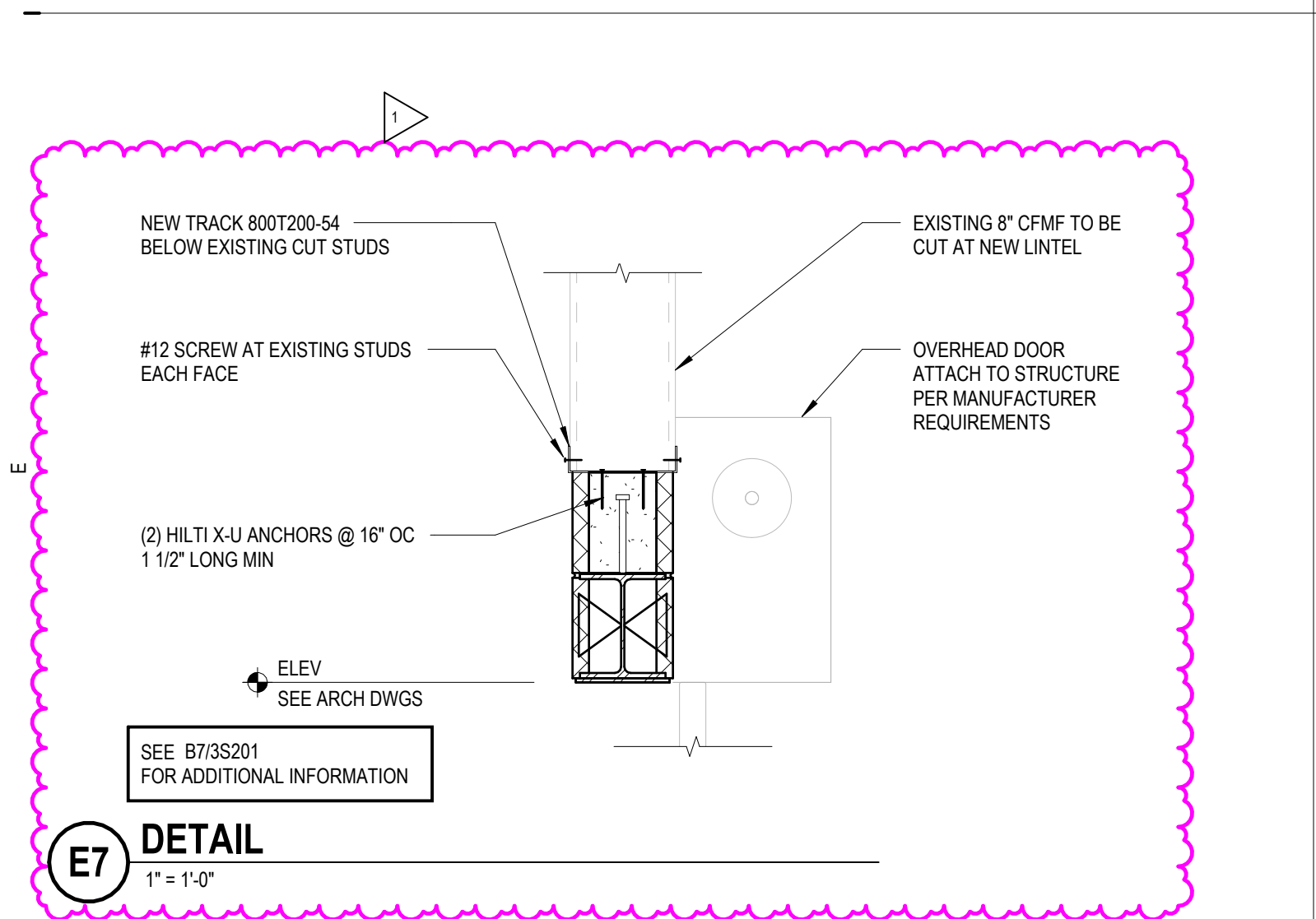
D4 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



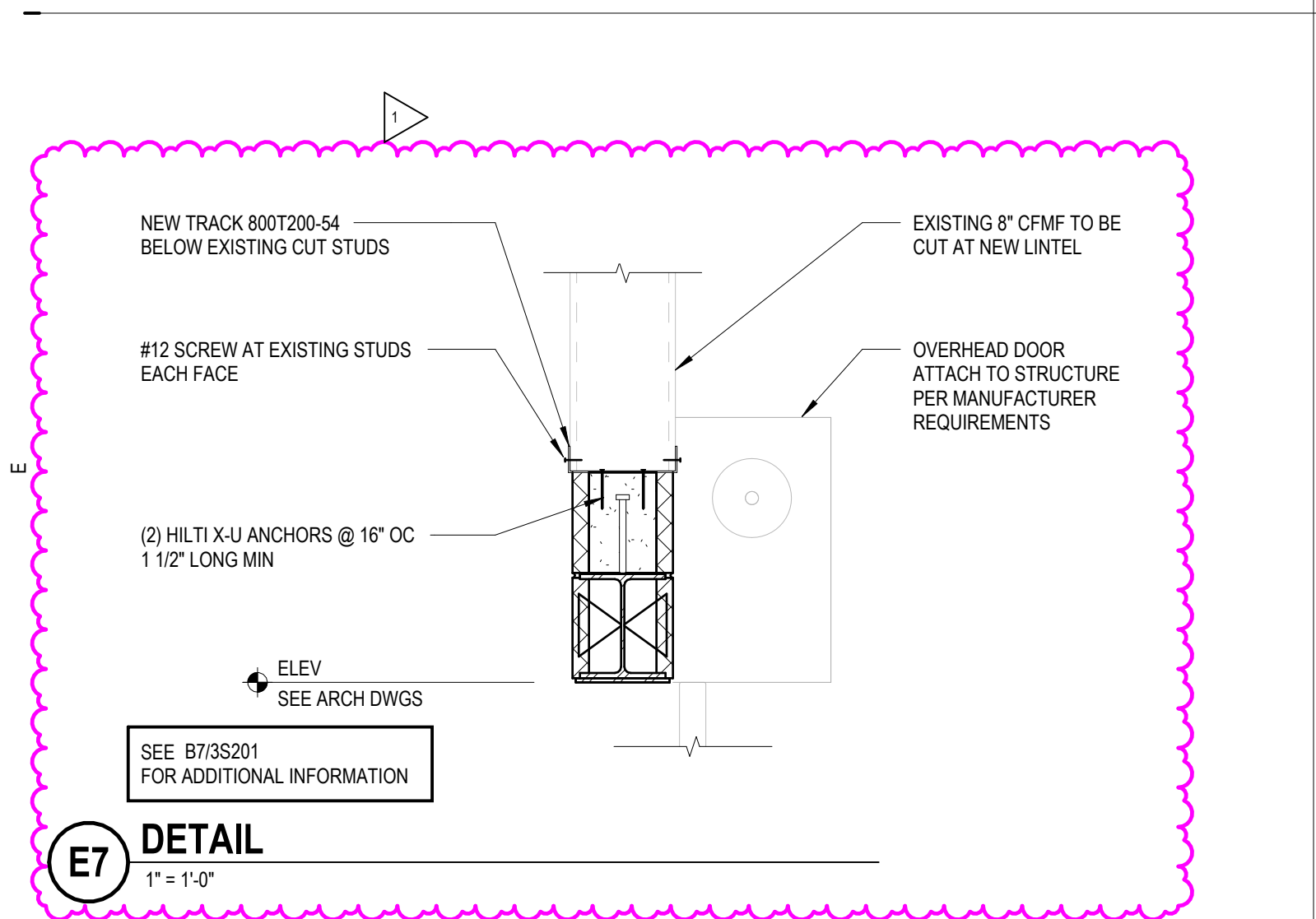
B4 TYPICAL CMU WALL ELEVATION
NOT TO SCALE



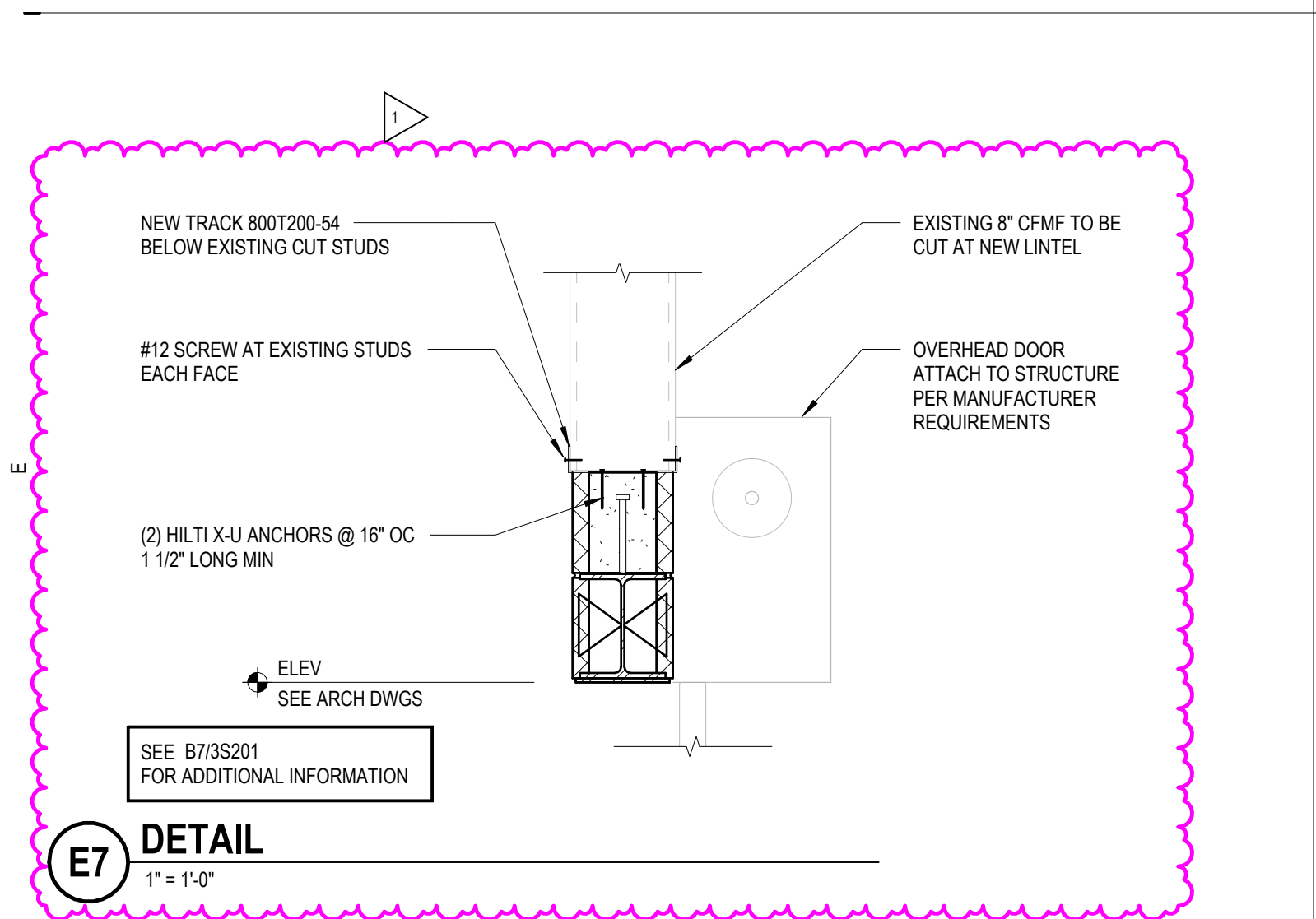
C4 TYPICAL CMU CONTROL JOINT (CJ)
NOT TO SCALE

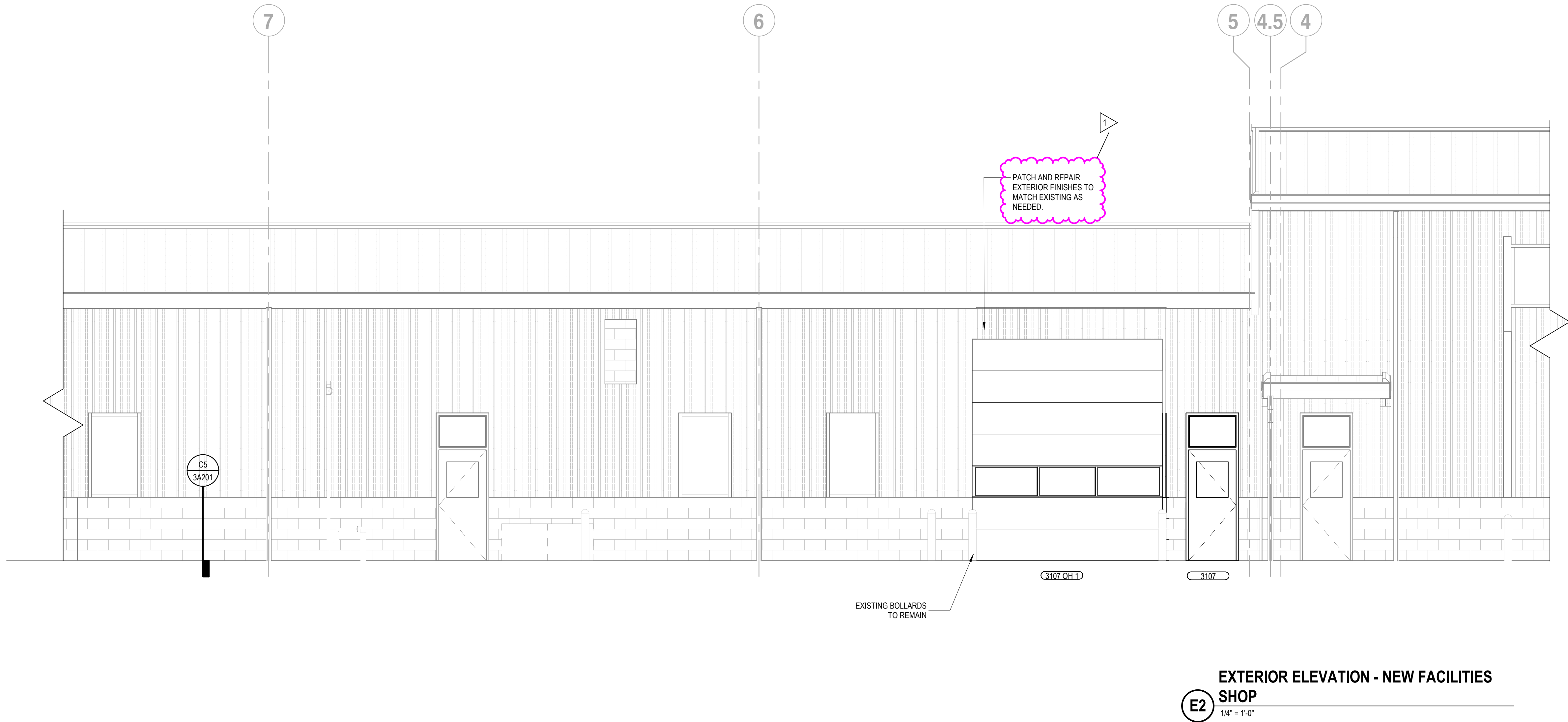
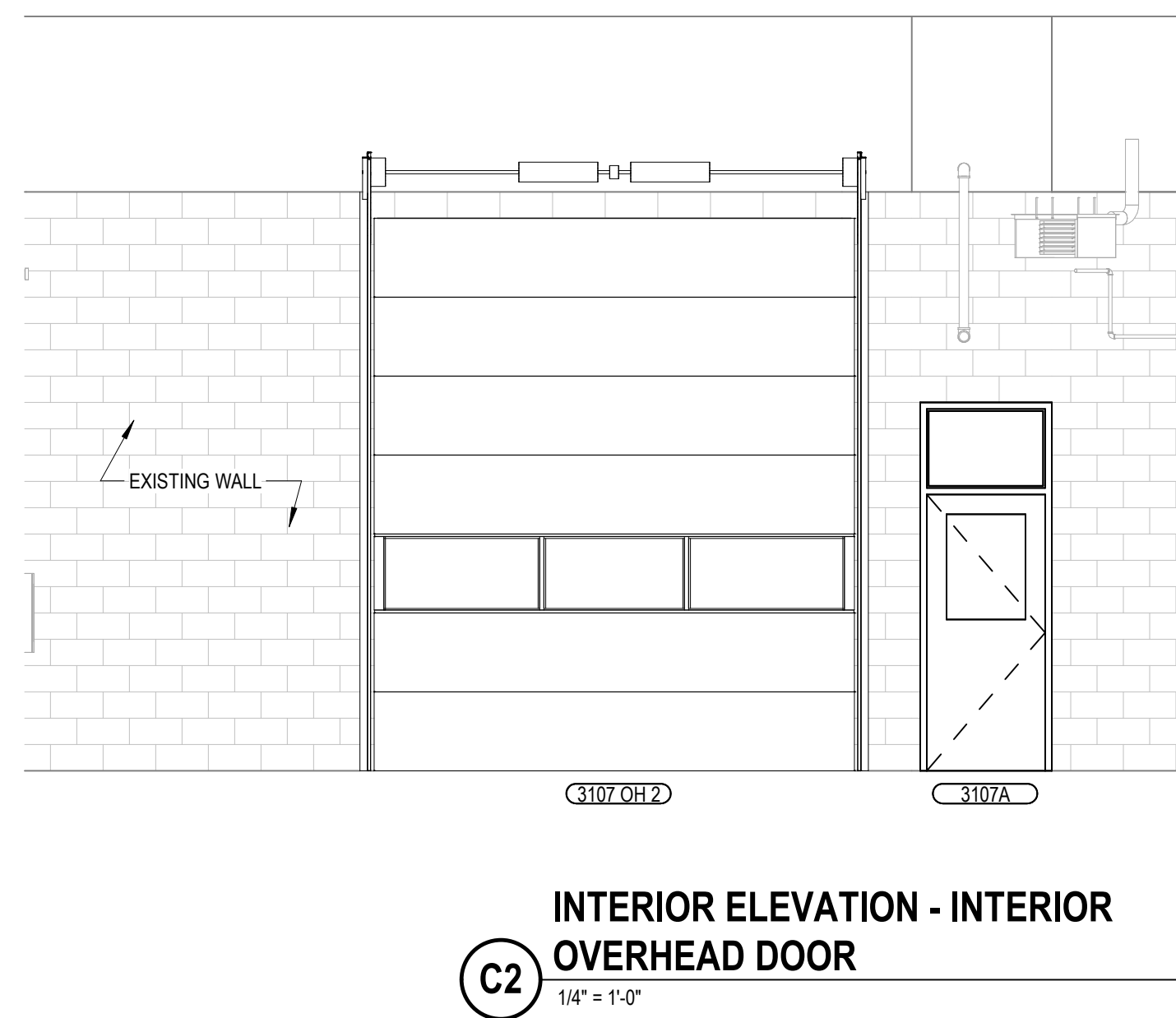
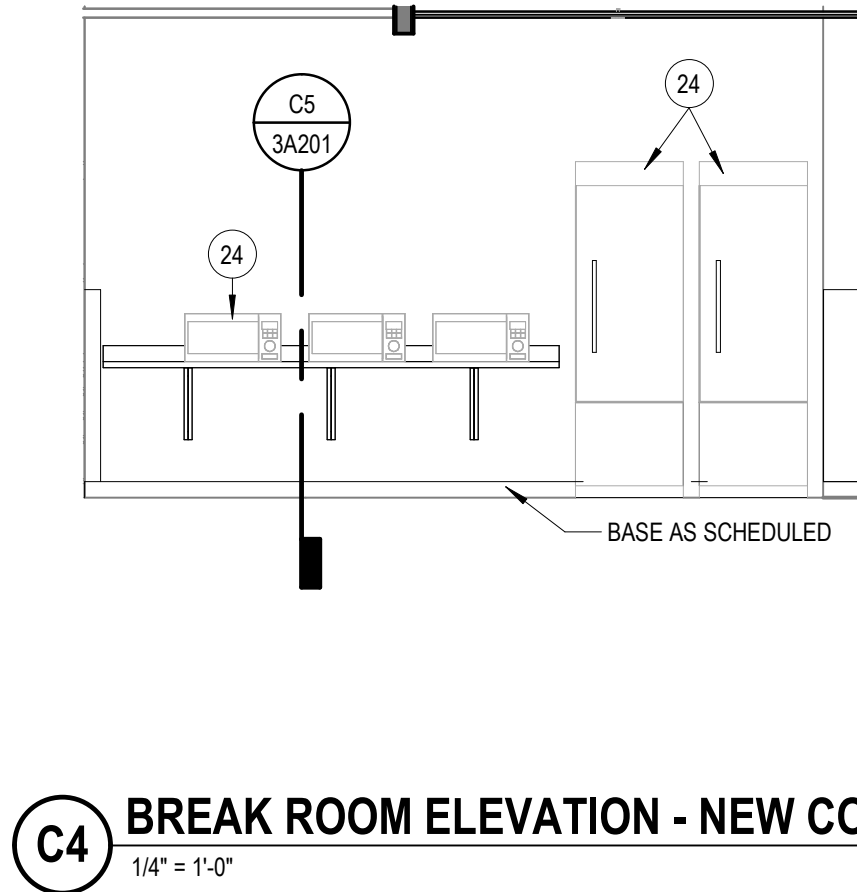
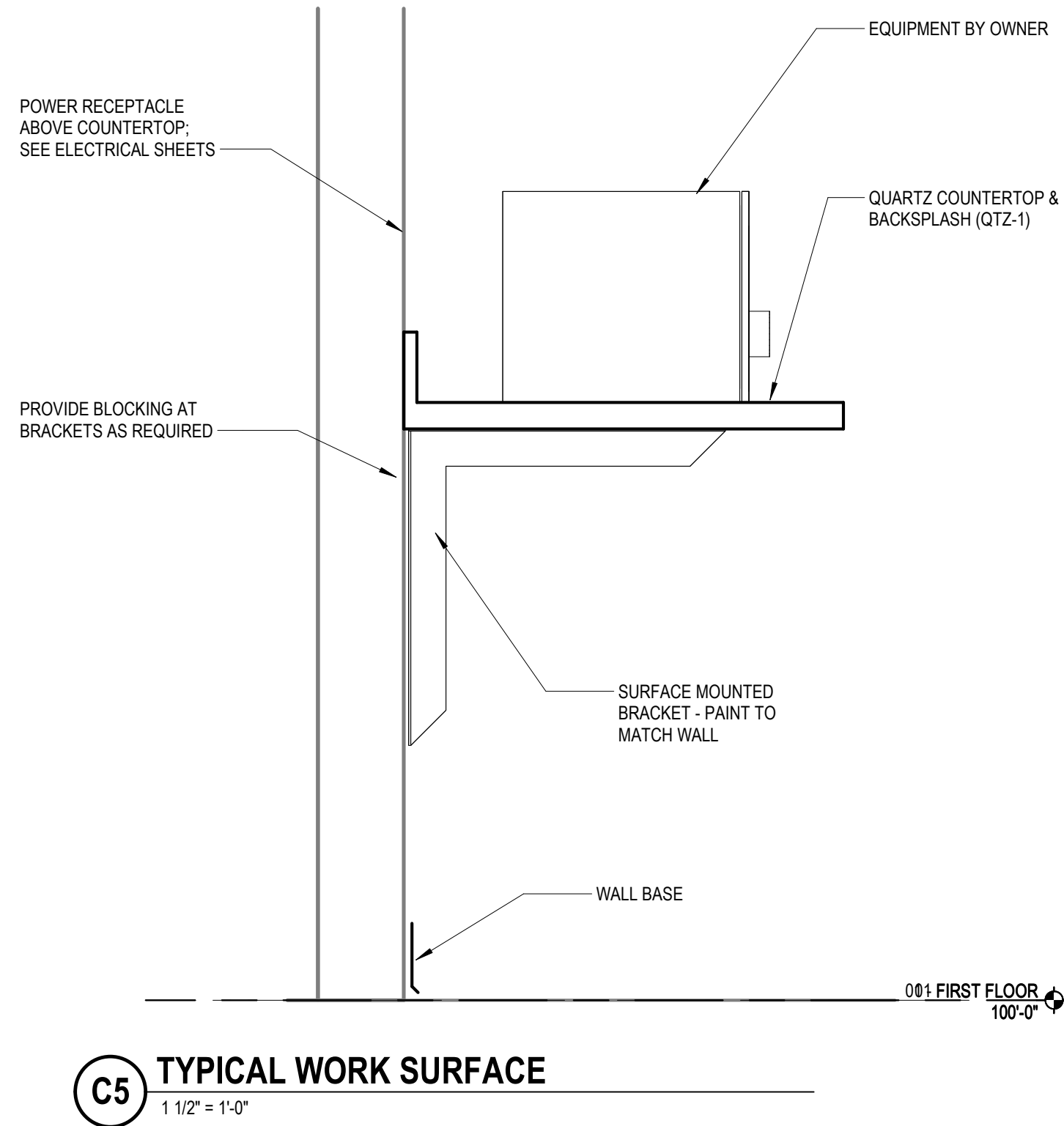


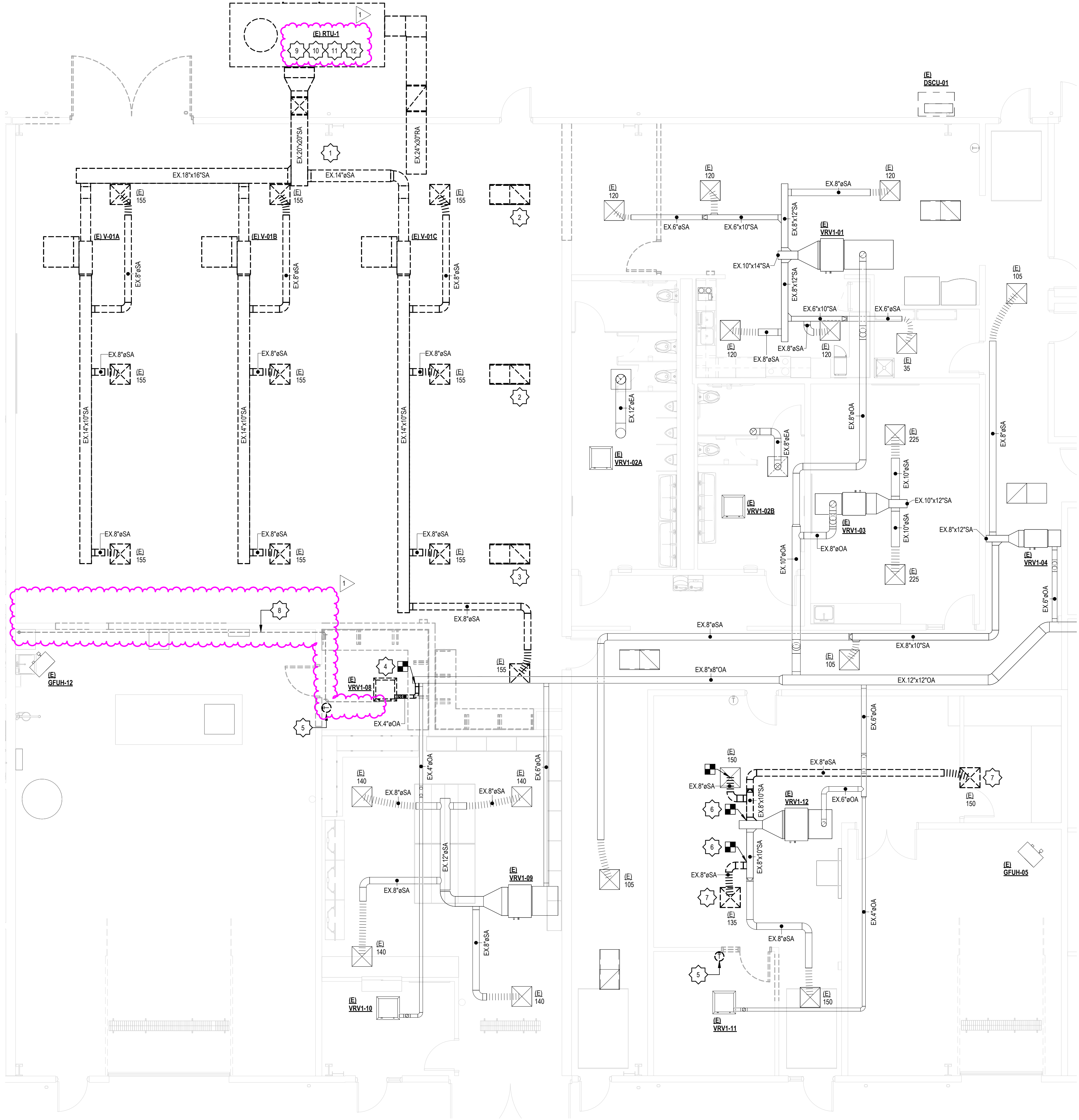
C2 TYP CMU BOND BEAM REINFORCEMENT
NOT TO SCALE



D2 TYPICAL CMU VERTICAL REINFORCEMENT
NOT TO SCALE



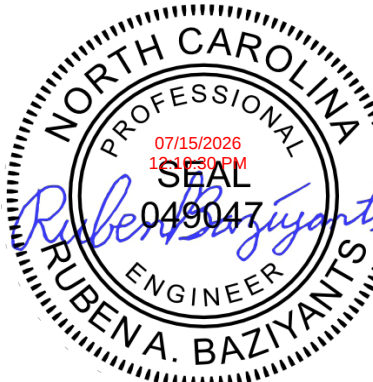




FACILITIES AND OFFICES MECHANICAL DEMOLITION PLAN
3/16" = 1'-0"

- ### MECHANICAL DEMOLITION KEYNOTES
- EXISTING TERMINAL UNITS, DUCTWORK AND DIFFUSERS TO BE DEMOLISHED.
 - EXISTING RETURN GRILL TO BE DEMOLISHED.
 - EXISTING RETURN GRILL TO BE RELOCATED TO NEW LOCATION SHOWN ON SHEET 3M101.
 - EXISTING INDOOR UNIT TO BE RELOCATED TO NEW LOCATION SHOWN ON SHEET 3M101.
 - EXISTING THERMOSTAT TO BE RELOCATED TO NEW LOCATION SHOWN ON SHEET 3M101.
 - EXISTING DUCTWORK TO BE DEMOLISHED.
 - EXISTING DIFFUSER TO BE RELOCATED TO NEW LOCATION SHOWN ON SHEET 3M101.
 - EXISTING CONDENSATE DRAIN LINE TO BE DEMOLISHED.
 - EXISTING RTU AND CONCRETE PAD TO BE DEMOLISHED.
 - EXISTING RTU TO BE REMOVED AND STORED AT NEW LOCATION FOR FUTURE USE. EXISTING CONCRETE PAD TO REMAIN. COORDINATE STORAGE LOCATION WITH OWNER.
 - ALTERNATIVE 2) INSTALL NEMA 3R RATED MALE PANEL MOUNT CAM-TYPE RECEPTACLES WITH PROTECTIVE SNAP COVERS ON RTU EXTERIOR. INTERNALLY WIRE RECEPTACLES TO RTU FOR POWER CONNECTION.
 - ALTERNATIVE 2) INSTALL MULTI-PIN CONNECTOR ON RTU EXTERIOR. INTERNALLY WIRE CONNECTOR TO RTU CONTROLS FOR THERMOSTAT WIRING.

GREENVILLE UTILITIES COMMISSION
RENOVATIONS TO OPERATION CENTER



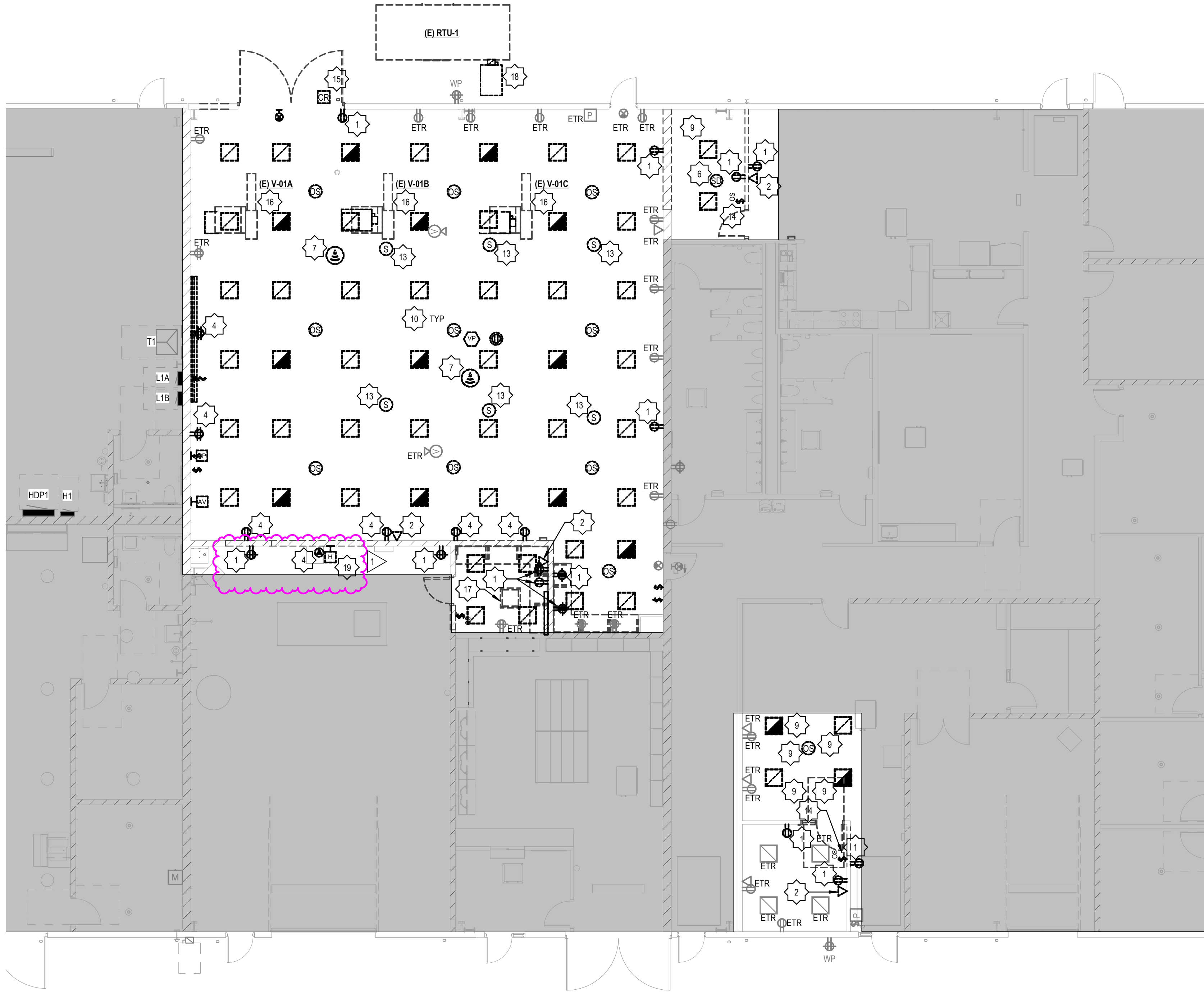
This item has been electronically signed and sealed by Ruben A. Bazzyants using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

ISSUANCE
06/17/2026 CONSTRUCTION DOCUMENTS
1 07/15/2026 ADDENDUM #1

PROJECT NUMBER
21550003
PROJECT MANAGER
A. IDOL
PROFESSIONAL
R. BAZZYANTS
DRAWN BY
R. BAZZYANTS
CHECKED BY
K. JAGER

FACILITIES AND
OFFICES
MECHANICAL
DEMOLITION
PLAN
3MD101

**FACILITIES AND
OFFICES HVAC
PLAN
3M101**



FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

DEMOLITION GENERAL NOTES

- A. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF DEMOLITION AND CONSTRUCTION. COORDINATE WITH GENERAL CONSTRUCTION.
- B. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES AND LIGHTING FIXTURES IN DEMOLITION AREAS UNLESS NOTED OTHERWISE.
- C. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES IN WALLS TO BE DEMOLISHED. WALLS TO BE DEMOLISHED ARE SHOWN DASHED. DISCONNECT AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO LAST REMAINING DEVICE. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF CIRCUIT(S) TO ANY EXISTING DEVICES TO REMAIN. COORDINATE AND VERIFY REQUIREMENTS WITH NEW WORK IN AREA.
- D. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF ANY FEEDERS OR BRANCH CIRCUITS ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
- E. FURNISH AND INSTALL CONDUIT AND/OR COMMUNICATIONS/DATA WIRING AS NECESSARY FOR CONTINUITY OF ANY WIRING ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY COMMUNICATIONS/DATA EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
- F. DISCONNECT AND REMOVE LIGHT SWITCHES IN DEMOLITION AREAS AS NECESSARY TO ACCOMMODATE NEW DOOR CONFIGURATIONS.
- G. DISCONNECT AND REMOVE ANY EXISTING ELECTRICAL DEVICES AND BACK BOXES AS NECESSARY WHERE NEW WALL CONSTRUCTION WILL INTERSECT AN EXISTING WALL. FURNISH AND INSTALL CONDUIT AND WIRE AS REQUIRED FOR CONTINUITY OF CIRCUIT(S).
- H. FURNISH AND INSTALL BLANK COVER PLATES OVER ALL EXISTING UNUSED OPENINGS.

DEMOLITION KEYNOTES

- 1. DISCONNECT AND REMOVE RECEPTACLE IN ITS ENTIRETY. REMOVE BRANCH CIRCUIT WIRING BACK TO NEAREST DEVICE ON CIRCUIT TO REMAIN.
- 2. DISCONNECT AND REMOVE TELECOM DEVICE IN ITS ENTIRETY. REMOVE CABLING BACK TO IT ROOM.
- 3. NOT USED.
- 4. DISCONNECT AND REMOVE RECEPTACLE IN ITS ENTIRETY. REMOVE BRANCH CIRCUIT WIRING BACK TO ORIGINAL POWER SOURCE. LABEL BREAKER AS SPARE AND SWITCH TO "OFF" POSITION FOR RE-USE.
- 5. NOT USED.
- 6. DISCONNECT AND REMOVE FIRE ALARM DEVICE IN ITS ENTIRETY. REMOVE LOW VOLTAGE WIRING BACK TO NEAREST FIRE ALARM DEVICE ON LOOP.
- 7. DISCONNECT AND REMOVE WIRELESS ACCESS POINT IN ITS ENTIRETY. REMOVE CABLING BACK TO IT ROOM.
- 8. NOT USED.
- 9. DISCONNECT AND REMOVE ALL LIGHTING FIXTURES AND LIGHTING CONTROLLER IN AREA. REMOVE BRANCH CIRCUIT WIRING BACK TO NEAREST LIGHTING FIXTURE ON CIRCUIT TO REMAIN.
- 10. DISCONNECT AND REMOVE LIGHTING FIXTURES. LIGHTING RELAYS AND CEILING OCCUPANCY SENSORS IN AREA SHOWN. REMOVE BRANCH CIRCUIT WIRING BACK TO NEAREST LIGHTING FIXTURE ON CIRCUIT TO REMAIN.
- 11. DISCONNECT AND REMOVE LIGHTING FIXTURE IN ITS ENTIRETY. REMOVE BRANCH CIRCUIT WIRING BACK TO NEAREST FIXTURE ON CIRCUIT TO REMAIN.
- 12. NOT USED.
- 13. DISCONNECT AND REMOVE CEILING MOUNT SPEAKERS IN THEIR ENTIRETY. REMOVE LOW VOLTAGE WIRING BACK TO SOURCE.
- 14. DISCONNECT AND REMOVE LIGHTING CONTROLLER IN ITS ENTIRETY. REFER TO SHEET EL101 FOR ADDITIONAL INFORMATION.
- 15. DISCONNECT AND REMOVE ACCESS CONTROL DEVICE IN ITS ENTIRETY. REMOVE LOW VOLTAGE WIRING BACK TO SOURCE.
- 16. DISCONNECT AND REMOVE EXISTING CONNECTION TO HVAC UNIT BEING REMOVED. REMOVE BRANCH CIRCUIT WIRING BACK TO ORIGINAL POWER SOURCE. SWITCH BREAKER TO "OFF" POSITION AND LABEL AS SPARE FOR RE-USE.
- 17. DISCONNECT AND REMOVE EXISTING CONNECTION TO HVAC UNIT BEING REMOVED. REMOVE BRANCH CIRCUIT WIRING BACK TO NEAREST UNIT ON CIRCUIT TO REMAIN.
- 18. DISCONNECT AND REMOVE CONNECTION TO RTU BEING REMOVED. REMOVE BRANCH CIRCUIT WIRING BACK TO ORIGINAL POWER SOURCE. SWITCH BREAKER TO "OFF" POSITION AND LABEL AS SPARE FOR RE-USE.
- 19. DISCONNECT AND REMOVE EXISTING WALL HORN FOR RELOCATION. REMOVE CONDUIT AND LOW VOLTAGE WIRING BACK TO NEAREST DEVICE ON SYSTEM TO REMAIN. COORDINATE NEW LOCATION FOR RE-INSTALLATION WITH OWNER PRIOR AND ROUTE NEW CONDUIT AND LOW VOLTAGE WIRING FOR TIE-IN TO EXISTING SYSTEM DURING CONSTRUCTION PHASE.