



## &lt;Addendum #3&gt;

NJSDA  
1 West State Street  
Trenton, NJ 08625  
Phone: 609-292-8775  
**Fax: 609-656-4642**

**Date: September 11, 2012**

**PROJECT #: EL-0006-C01**

**DESCRIPTION: Elizabeth Academic High School**

This addendum shall be considered part of the Bid Documents issued in connection with the referenced project. Should information conflict with the Bid Documents, this Addendum shall supercede the relevant information in the Bid Documents.

---

**A. RFI QUESTIONS & NJSDA ANSWERS**

**A.1 Question:** The cold water, hot water, hot water return, gas mains and sanitary branch lines are not marked for size anywhere on the prints. Please provide.

**Answer:** Plumbing system line sizes are shown on riser diagram drawings. Refer to P-201 through P206 for pipe sizes.

**A.2 Question:** On print P-101A, there is no Leader #25 (underground). On print P-205A (Storm Riser) there is no Leader #25. However on prints P-102A, P-103A and P-104, Leader #25 appears on all three pages. Is there a Leader #25? Please clarify.

**Answer:** There is a Leader #25. See clarification sketches (Attachment #1) showing the underground connection and riser diagram.

**A.3 Question:** Leader #16 does not appear on P-101A (underground) or on the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and Riser prints. However, it is on P-104A (4<sup>th</sup> floor) and P-105A (Roof Plan). Is there a Leader #16 or not? Also Leader #24 only appears on print P-104A. Please clarify.

**Answer:** Both Leaders #16 & #24 are required. See clarification sketches (Attachment #1) showing the path through the building along with the riser diagram.

**A.4 Question:** Please confirm that the building permits are waived.

**Answer:** See General Conditions - Section 4.0 (Contractor's Responsibilities) - Article 4.11 (Permits) in the Project Manual (Volume 1 of 3).

**A.5 Question:** Is the Maintenance Bond required for One Year or Two Years?

**Answer:** This is addressed in the Project Manual (Volume 1 of 3) under the following:

- General Conditions - Section 9.0 (Bonds and Insurance) – Article 9.1.3
- General Conditions - Section 19.0 (Warranties)
- Specification Section 01850 – Warranties and Bonds (**See Revision B.2 in Section B of this Addendum #3 (ADDENDUM TO PROJECT MANUAL AND DRAWINGS).**)

**A.6 Question:** Bid Documents – On Drawing A-401 thru A-501, Reflective Ceiling Plans, drawings, as provided, are not clear and the line weights are too light. You cannot determine the extent and transitions between acoustic tile ceilings and gypsum board ceilings and soffits. Please clarify or re-issue new drawings.

**Answer:** Drawings A-401 through A-501 are attached electronically in pdf format (Attachment #3).

**A.7 Question:** Due to the architectural drawings being printed very light, many suppliers have asked to clarify the quantity of all operable casement vent windows. Are all openings to be operable, if not please advise where the fix units are located.

**Answer:** Drawings A-202 through A-206 are attached electronically in pdf format (Attachment #2).

**A.8 Question:** The following doors are scheduled as hollow metal. However, the details appear to show aluminum frames. Please verify the door/frame materials for the following openings.

- 101D, 101E, 117C, 123B, 125B, 128B, 130A, 130B, 132AA, 159C, 159D, 166A, 172B, 179B, 180B, 379A, 101A, and 101B.

**Answer:** All exterior windows to be aluminum. All interior windows and doors to be hollow metal. All exterior entrance doors are aluminum and glass. All exterior auxiliary doors are hollow metal.

**A.9 Question:** The following doors are scheduled with Frame Type Q (frame without side lite) but appear in plan to have a side lite. Should the following frames be Type O (frame with side lite)?

- 462A, 432A, 426A, 425A, 362A, 332A, 325A, and 326A.

**Answer:** Doors 462A, 432A, 426A, 425A, 362A, 332A, 325A, & 326A to be frame Type O.

**A.10 Question:** Please provide specification for the precast plank shown in Detail 7/A-340.

**Answer:** A precast spec section will be issued in an upcoming addendum.

**A.11 Question:** Please indicate what door number is shown at 5/A-340 (lower area), between columns "D & E".

**Answer:** Door number not indicated. Should be 343-C.

**A.12 Question:** The specification section 08900 Aluminum and Glass Curtain Wall, indicates a 6" deep curtain wall system, yet the details within the architectural drawings indicate a 7" deep system. Please advise which depth is correct.

**Answer:** All curtain wall mullions are shown in details as 7 1/2" deep. All storefront mullions are shown in details as 8" deep. Specification will be updated accordingly in an upcoming addendum.

**A.13 Question:** The specification section 08910 Aluminum Windows only refers to fixed windows. Is there a specification section for the operable casement windows with model type, profile depth, hardware, finish, etc.? Please advise.

**Answer:** Specification section 08910 will be modified to refer to operable casement windows in an upcoming addendum.

**A.14 Question:** Several doors are indicated within the door schedule as H. M., but details show them as aluminum doors. Refer to 101D, 101E, 130A, and 130B. Please advise.

**Answer:** See answer to A.8 in this Addendum.

**A.15 Question:** With reference to frame elevation 2/ A-220. Is this to be a H. M. frame with glass type GL07 as shown within the door schedule or 2 1/2" x 8" aluminum fire rated curtain wall frame with glass type GL02A as shown? The doors are also detailed as aluminum in lieu of H.M. as per the door schedule. Please advise.

**Answer:** Frame shown is in an 8" deep storefront system. Door Schedule will be revised accordingly in an upcoming addendum.

**A.16 Question:** With reference to frame elevation "W-11" (1/A-204), will this frame remain a window as per the exterior window schedule? The detail call outs indicate a combination of stacked window wall and curtain wall. Please advise which system is to be utilized.

**Answer:** The frame shown is a storefront system.

**A.17 Question:** Doors number 159C and 159D are called out as H. M. doors, yet they are shown as aluminum in frame elevation 2/ A-220. Please advise.

**Answer:** See answer to A.8 in this Addendum.

**A.18: Question:** With regards to the aluminum curtain wall framing that occurs within the Courtyard Areas, is it possible that the daylight opening height dimensions be divided in two sections? Reason being, is that it will have an impact on glass pricing and field labor installation. Please advise.

**Answer:** Frame and glass sizes should not be divided any further than shown.

**A.19 Question:** At door number 378A, it is shown as a single door on floor plan A-103A and elevation 6/A-205, yet the door schedule indicates a pair of doors is required. Please advise which is correct.

**Answer:** Drawings are correct. Door schedule will be modified to indicate single door in an upcoming addendum.

**A.20 Question:** With regards to elevation 9/ A-206, it differs from what is shown on the floor plan 2/A-340. Please advise which is shown correctly.

**Answer:** Plan (2/A-340) is correct. Elevation (9/A-206) will be revised accordingly in an upcoming addendum.

**A.21 Question:** At the enlarged floor plan on sheet 4/ A-340 there is a discrepancy in the dimensions; the plan indicates that there are 23 spaced @ 4'-0" that is equal to 87" -10 5/8".

**Answer:** Plan shows 22 spaces at 87'-10 5/8". All spaces are 4'-0", except for end panel at gridline "H" at 3'-10 5/8".

**A.22 Question:** Who provides the smoke detectors? Rooftop section states the equipment manufacturer provides factory installed ATC section and Electrical sections states that Electrical Contractor provided the equipment smoke detectors?

**Answer:** Duct smoke detectors shall be furnished by the Electrical Contractor. Mounting shall be by the Mechanical Contractor and wiring to the Fire alarm System and Fan starter shall be by the Electrical Contractor. Wiring into the DDC system shall be by the A.T.C. contractor. In specification 15781, delete Paragraph 2.13 in its entirety. Duct smoke detectors shall be furnished and installed in accordance with specifications 15900 and 13851.

**A.23 Question:** With reference to the door schedule in specification section # 08702, there are many wood doors that are indicated with glass type GL-11 which is designated as fire rated glazing with 45 and 60 minute rating, yet this is not always the case with many of the wood doors. Will these doors actually receive fire rated glass type GL-11? If so what, minute rating will they have? Please advise.

**Answer:** Door glazing to receive same rating as door assembly.

**A.24 Question:** There has been some concern with regards to the casement windows set within the curtain wall framing. It is specifically related to the overall size of the windows, since they are very close in size to a door opening. Consideration should be taken into account from a performance and safety standpoint since this window is to be utilized within a school application.

**Answer:** Spec section 08810 will be revised and issued in an upcoming addendum.

- A.25 Questions:** The operable casement windows mentioned with the specification section 08810 indicates a model designation which appears to be a captured unit, yet the details and sections show a “Zero Sightline” window unit. Please advise which type is to be selected and quoted.

**Answer:** Spec section 08810 will be revised and issued in an upcoming addendum.

## **B ADDENDUM TO PROJECT MANUAL AND DRAWINGS**

### **B.1 General Conditions: The following are revisions to the General Conditions section in the Project Manual (Volume 1 of 3):**

Section 6.6 (Inspection of Work): shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*):

6.6.2 The Contractor shall notify the Design Consultant, the CM and the Authority in writing 72 hours prior to the need for required code inspections or special inspections. **It shall be the responsibility of the Contractor to schedule and arrange for all required code inspections from DCA, at the appropriate time and in accordance with established DCA procedures.** ~~The Contractor shall not directly request any inspection from DCA.~~ All communications with DCA shall be **copied to the** ~~through the~~ CM.

Section 8.2 (Change Orders): shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*). Insert the following new section 8.2.4:

**8.2.4 All requests for adjustment to the Contract Time and/or Contract Price, and all Change Orders resulting in adjustment to the Contract Time and/or Contract Price, shall contain a written representation by the Contractor that the requested adjustments include all known and anticipated delay impacts or costs, and that the Contractor, in executing the Change Order, waives any and all claims for other or additional compensation relating to the Change in the Work and Services, whether such claims constitute direct damages, or noncompensable indirect or consequential damages that are otherwise precluded pursuant to Section 8.6 herein.**

Section 8.3.4: shall be deleted in its entirety, as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*):

~~8.3.4 All requests for adjustment to the Contract Time or Contract Price shall contain a written representation by the Design Builder that the requested adjustments include all known and anticipated delay impacts or costs, including all direct, indirect and consequential damages which may be incurred as a result of the Change in the Services and/or Work~~

Section 8.6 (Claims for Indirect Costs): shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*):

8.6 The Contractor shall not be entitled to any amount for indirect costs, consequential damages or expenses, including labor inefficiency, wage, material or other escalations beyond

the lump sum, unit price or time and materials calculations provided for in this Section 8.0 and in Section 01080 of the Specifications, regardless of any delays, interference, suspensions, changes in sequence or the like, for whatever cause, whether reasonable or unreasonable, foreseeable or unforeseeable, or avoidable or unavoidable, arising from the performance of any and all Changes in the Work performed pursuant to this Section 8.0. It is understood and agreed that the Contractor's sole and exclusive remedy in the event of a Change in the Work shall be the recovery of its direct costs and an extension of the Contract Time, as per the requirements of this Section 8.0. In no case shall the Contractor be entitled to damages or compensation for lost profit or lost opportunity; **damages or compensation under theories of "total cost", "loss of productivity" or "cumulative impact"**; compensation for extended, unabsorbed or under-absorbed home office overhead or damages calculated under the Eichleay formula or under any other formula used by the Contractor to calculate damages for lost profit or lost opportunity, or extended, unabsorbed or under-absorbed home office overhead; or any other kind of consequential or indirect cost or damage as a result of any claim for delay or Change in the Work under this Section 8.0.

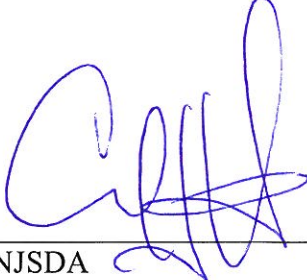
## B.2 Specification Section 01850 – Warranties and Bonds:

1.5 Preparation of Submittals: shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*):

- C. Co-Sign all submittals. Contractor is responsible for coordination and completion of all warranty work during ~~two (2)~~ **one (1)** year warranty period.

### **End of Addendum No. #3**

Any bidder attempting to contact government officials (elected or appointed), including NJSDA Board members, NJSDA Staff, and Selection Committee members in an effort to influence the selection process may be immediately disqualified.

  
NJSDA \_\_\_\_\_ Date 9.11.12  
Carl Valenti

<Addendum #3>

NJSDA  
1 West State Street  
Trenton, NJ 08625  
Phone: 609-292-8775  
**Fax:** 609-656-4642

**Date:** September 11, 2012

**PROJECT #:** EL-0006-C01

**DESCRIPTION:** Elizabeth Academic High School

Addendum No. 3

**Acknowledgement of Receipt of Addendum**

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via fax to 609-656-4642, or in an attachment via E-mail to [djohnson@njsda.gov](mailto:djohnson@njsda.gov). Signed acknowledgement must be received prior to the Technical Proposal and Price Proposal Due Date. Acknowledgement of the Addendum must also be made in the Technical Proposal Submission.

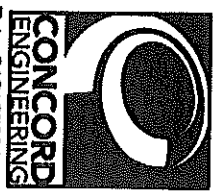
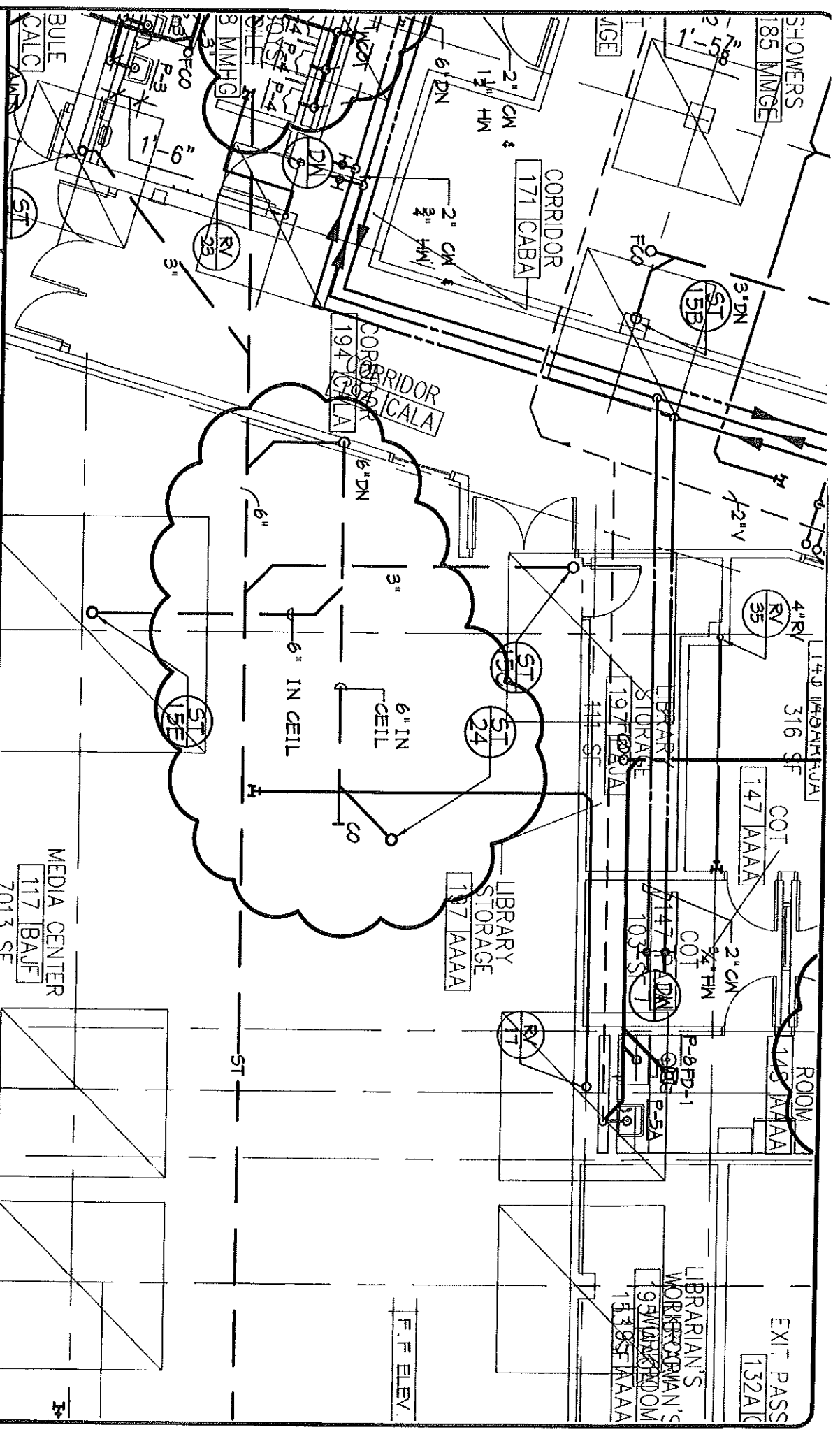
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date





P.A. 246A27996700  
 520 South Perry Hill Road  
 Voorhees, New Jersey 08003  
 (856) 427-0200  
 www.concord-engineering.com  
 © 2012 Concord Engineering Group, Inc.

Professional Engineer  
 Richard Buckle P.E.  
 New Jersey P.E. No. 55780  
 Engineer & License No.

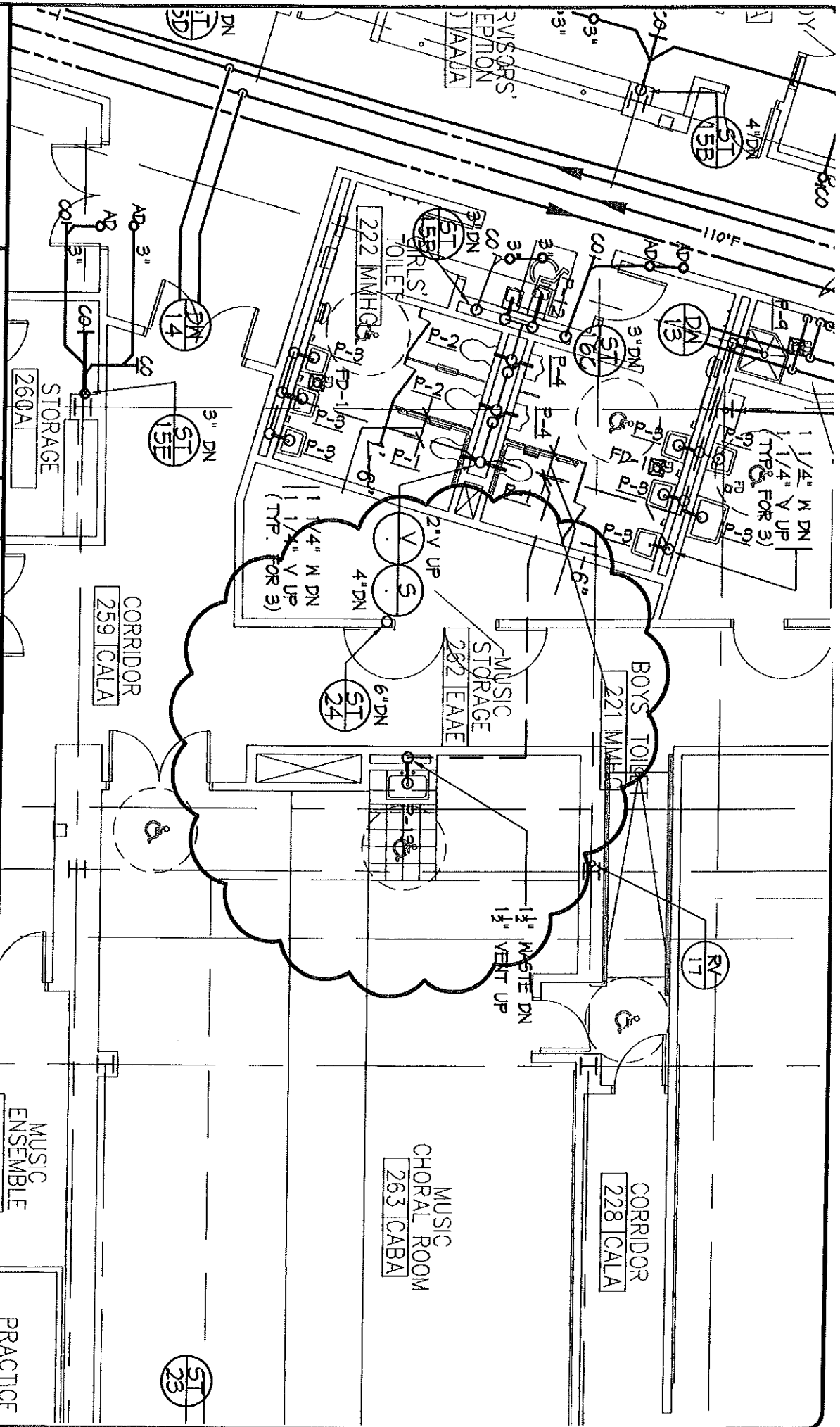
| No. | Description | Date |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |

PROJECT TITLE  
**ELIZABETH**  
**ACADEMIC HIGH SCHOOL**

SKETCH TITLE  
**PLUMBING GROUND FLOOR**  
**PLAN - PART A - ST-24**

|               |              |
|---------------|--------------|
| DWG REF. NO.: | P-101A       |
| PROJ NO.:     | 1C12192      |
| SCALE:        | 1/8" = 1'-0" |
| DWN BY:       | -            |
| CHK BY:       | -            |
| DATE:         | -            |
| SKETCH NO.:   | -            |
| CSK-P-101A-2  | -            |





P.A. 246A27936700  
 630 South Burnt Hill Road  
 Voorhees, New Jersey 08045  
 (856) 427-0200  
 www.concord-engineering.com

© 2012 Concord Engineering Group, Inc.

Professional Engineer  
 Michael Richards P.E.  
 New Jersey P.E. No. 3776  
 Signature & License No.

| No. | Description | Date |
|-----|-------------|------|
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |

PROJECT TITLE  
**ELIZABETH**  
**ACADEMIC HIGH SCHOOL**

SKETCH TITLE  
**PUMPING SECOND FLOOR**  
**PLAN - PART A - ST-24**

|               |              |
|---------------|--------------|
| DWG REF. NO.: | P-102A       |
| PROJ NO.:     | 1612192      |
| SCALE:        | 1/8" = 1'-0" |
| DWN BY:       | -            |
| CHK BY:       | -            |
| DATE:         | -            |
| SKETCH NO.:   | CSK-P-102A-1 |

CAREER  
SOURCE CENTER  
235 | AAJA

GUIDANCE  
RECEPTION  
234 | AAJA

TEACHER  
WORKROOM  
233 | AAJA

STUDENT  
ACT. CENTER  
231 | AAJA

SUPERVISORS'  
RECEPTION  
230 | AAJA

GUIDANCE  
OFFICE  
243 | BAOA

GUIDANCE  
OFFICE  
242 | BAOA

GUIDANCE  
OFFICE  
241 | BAOA

GUIDANCE  
STORAGE  
240 | BAOA

COMMUNITY  
SERVICE  
239 | BAOA

DROPOUT  
PREVENTION  
238 | BAOA

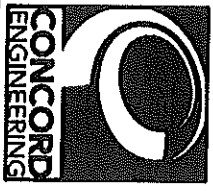
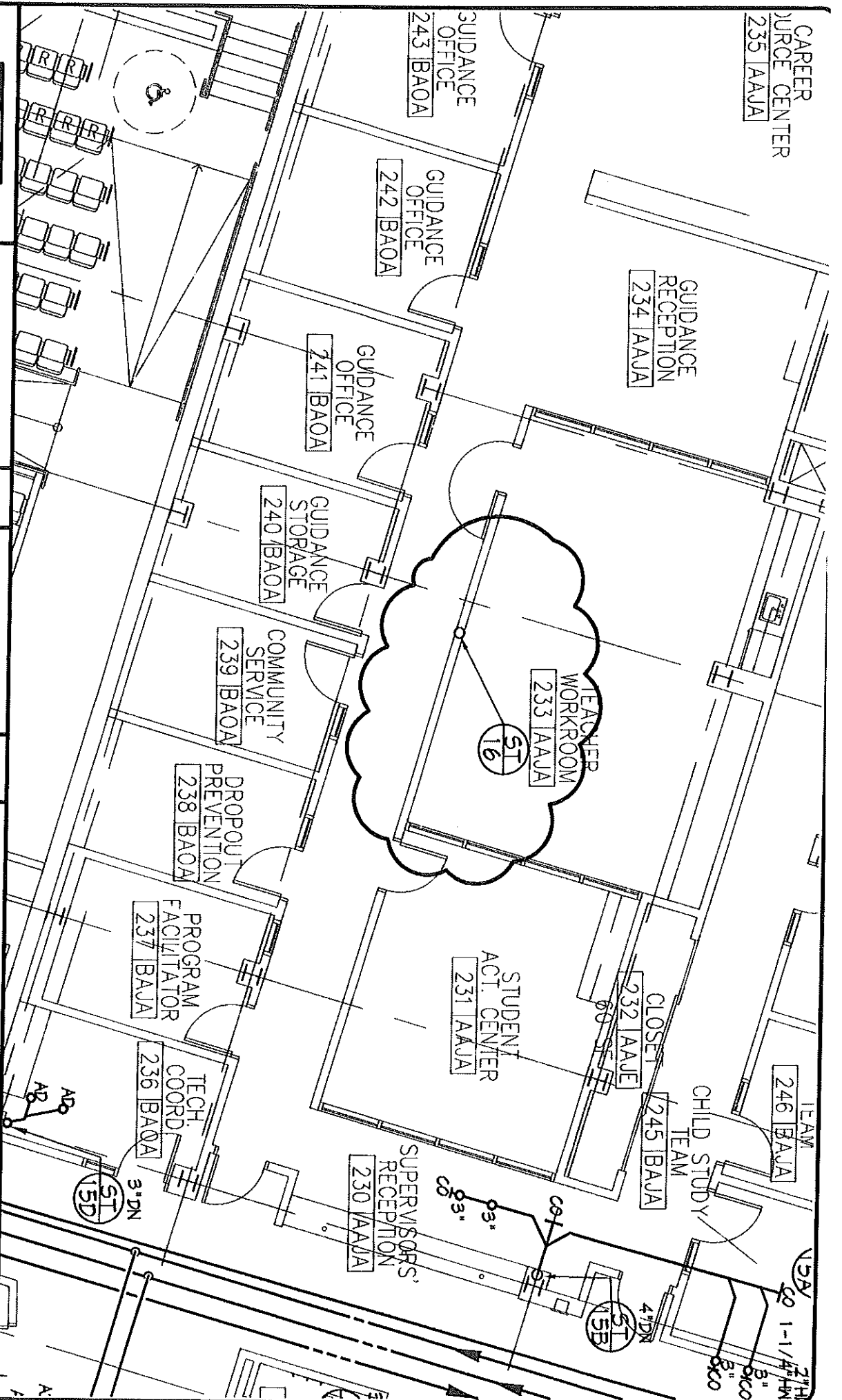
PROGRAM  
FACILITATOR  
237 | BAOA

TECH.  
COORD.  
236 | BAOA

CHILD STUDY  
TEAM  
245 | BAOA

CLOSET  
232 | AAJE

TEAM  
246 | BAOA



P.A. 246A27998700  
520 South Burritt Mill Road  
Voorhees, New Jersey 08043  
(866) 427-0200  
www.ceg-inc.net  
© 2012 Concord Engineering Group, Inc.

Professional Engineer  
Michael Jacobo P.E.  
New Jersey P.E. No. 55798  
Signature & License No.

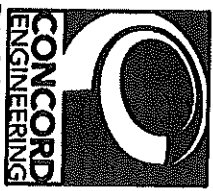
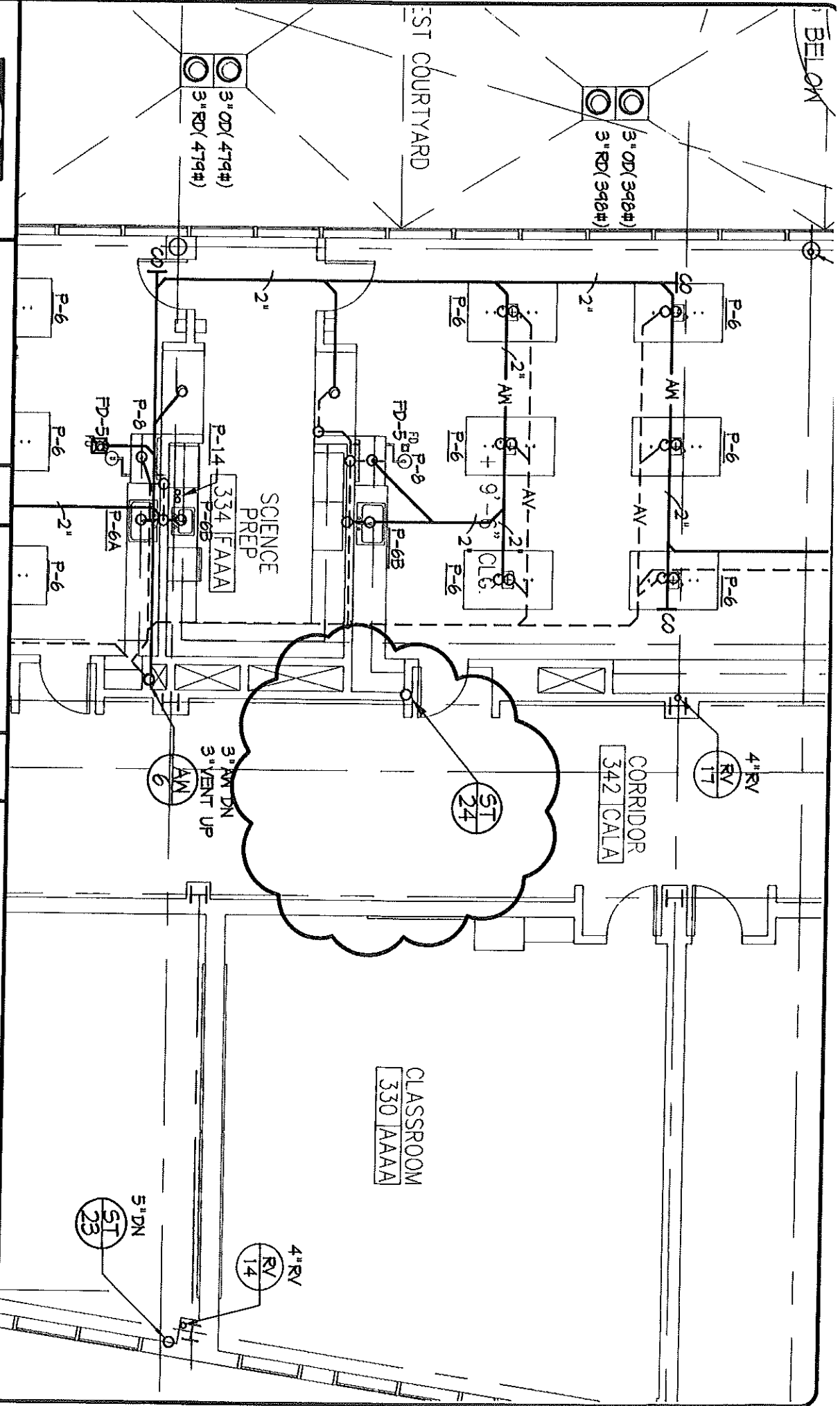
| No. | Description | Date |
|-----|-------------|------|
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |

PROJECT TITLE  
**ELIZABETH  
ACADEMIC HIGH SCHOOL**

SKETCH TITLE  
**PLUMBING SECOND FLOOR  
PLAN - PART A - ST-16**

|                     |              |
|---------------------|--------------|
| DWG REF. NO.:       | P-102A       |
| PROJ NO.:           | 102192       |
| SCALE:              | 1/8" = 1'-0" |
| DWN BY:             | -            |
| CHK BY:             | -            |
| DATE:               | -            |
| SKETCH NO.:         | -            |
| <b>CSK-P-102A-2</b> |              |





P.A. 246A27086700  
 530 South Burrill Hill Road  
 Voorhees, New Jersey 08043  
 (856) 427-0200  
 www.concord-engineering.com  
 © 2012 Concord Engineering Group, Inc.

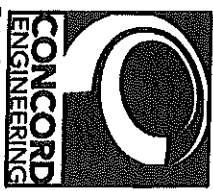
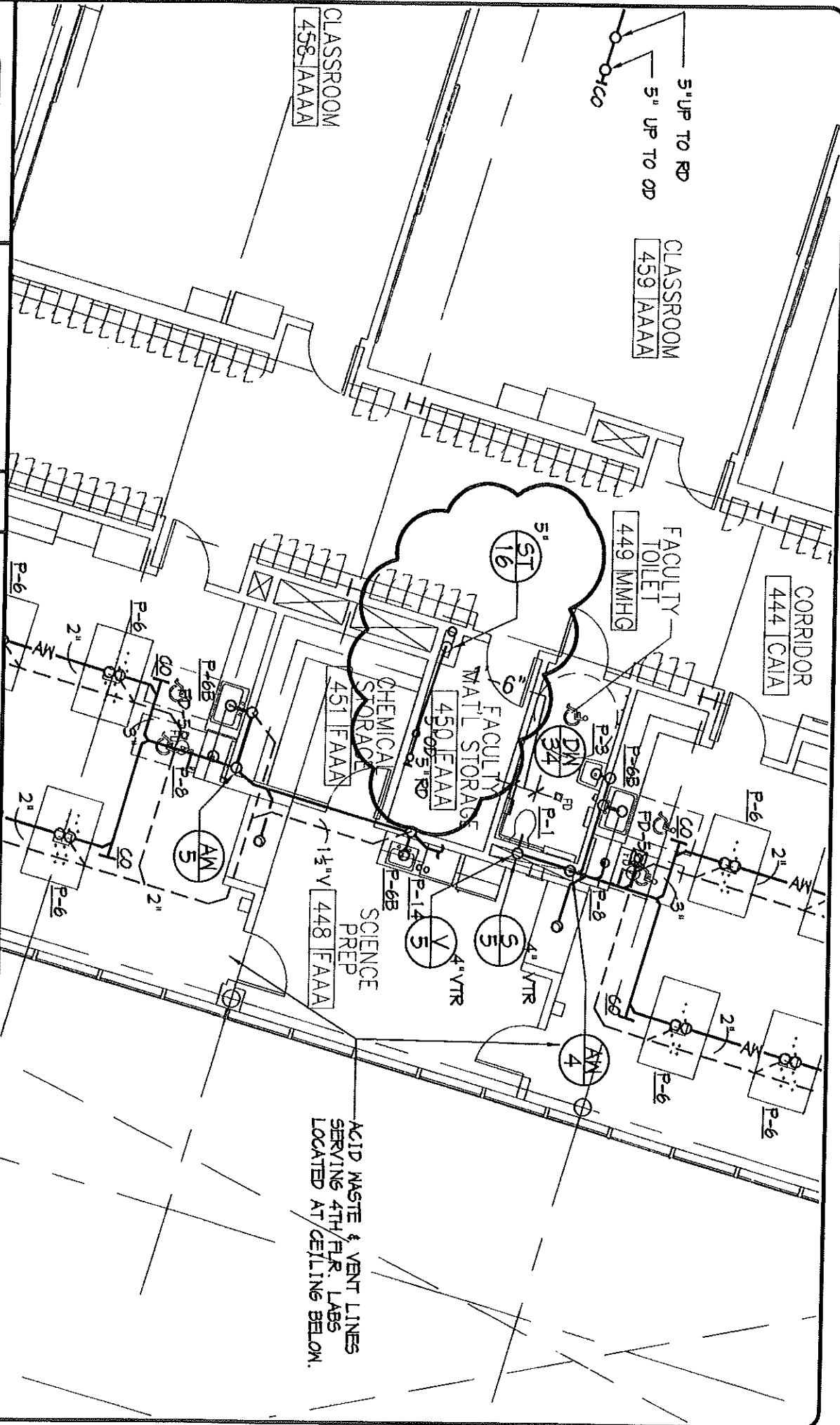
Professional Engineer  
 Michael Jacobus P.E.  
 New Jersey P.E. No. SC778  
 Engineers & Architects Inc.

| No. | Description | Date |
|-----|-------------|------|
| 1   |             |      |
| 2   |             |      |
| 3   |             |      |
| 4   |             |      |
| 5   |             |      |
| 6   |             |      |
| 7   |             |      |
| 8   |             |      |
| 9   |             |      |
| 10  |             |      |

PROJECT TITLE  
**ELIZABETH  
 ACADEMIC HIGH SCHOOL**

SKETCH TITLE  
**PLUMBING THIRD FLOOR  
 PLAN - PART A - ST-24**

|                     |              |
|---------------------|--------------|
| DWG REF. NO.:       | P-103A       |
| PROJ NO.:           | 1012142      |
| SCALE:              | 1/8" = 1'-0" |
| DWN BY:             | -            |
| CHK BY:             | -            |
| DATE:               | -            |
| SKETCH NO.:         | -            |
| <b>CSK-P-103A-2</b> |              |



**CONCORD ENGINEERING**  
P.A. 24627836700  
520 South Burnt Mill Road  
 Voorhees, New Jersey 08043  
 (856) 427-0200  
 www.ceg-inc.net  
 © 2012 Concord Engineering Group, Inc.

**Professional Engineer**  
Michael P. J. J.  
New Jersey P.E. No. 33788  
Engineer & License No.

| No. | Description | Date |
|-----|-------------|------|
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |
| -   | -           | -    |

**PROJECT TITLE**  
**ELIZABETH**  
**ACADEMIC HIGH SCHOOL**

**SKETCH TITLE**  
**PLUMBING FOURTH FLOOR**  
**PLAN - PART A - ST-16**

|                       |              |
|-----------------------|--------------|
| <b>DWG. REF. NO.:</b> | P-104A       |
| <b>PROJ. NO.:</b>     | 1012142      |
| <b>SCALE:</b>         | 1/8" = 1'-0" |
| <b>DWN. BY:</b>       | -            |
| <b>CHK. BY:</b>       | -            |
| <b>DATE:</b>          | -            |
| <b>SKETCH NO.:</b>    | -            |

**CSK-P-104A-1**

4" VENT LINES  
1/2" FLR. LABS  
CEILING BELOW.

SELF-CONTAINED  
SPECIAL ED. CLASSROOM

435 AAAA

5" UP TO OD  
5" UP TO RD

COMPUTER  
SCIENCE/APPS. LAB

434 GAAA

ST  
24

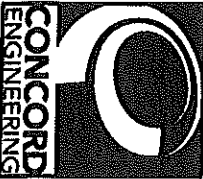
442 ICALA

CLASSROOM  
430 AAAA

5" UP TO OD  
5" UP TO RD

4" RV  
RY  
14

1/8" = 1'-0"



P.A. 24627936700  
520 South Street Mill Road  
Voorhees, New Jersey 08043  
(609) 427-0200  
www.ceg-inc.net  
© 2012 Concord Engineering Group, Inc.

Professional Engineer  
Michael Markata P.E.  
New Jersey P.E. No. 33736  
Registration & License No.

| No. | Description | Date |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |

PROJECT TITLE  
**ELIZABETH  
ACADEMIC HIGH SCHOOL**

SKETCH TITLE  
**PLUMBING FOURTH FLOOR  
PLAN - PART A - ST-24**

CLASSROOM

DWG REF. NO.: P-104A

PROJ NO.: 1C12142

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

DWN BY: -

CHK BY: -

DATE: -

SKETCH NO:

**CSK-P-104A-2**

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
Bovis Lend Lease  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
Consulting Engineers  
Collaborative, Inc.  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
Concord Engineering Group, Inc.  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

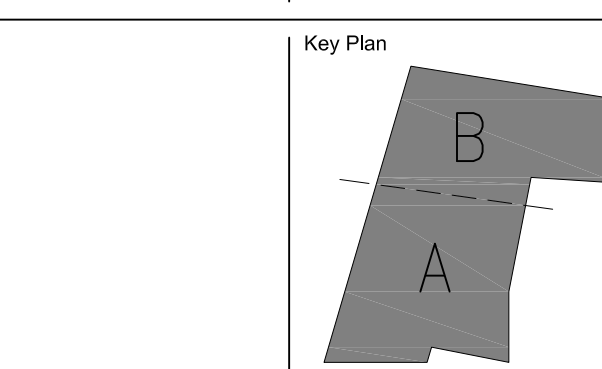
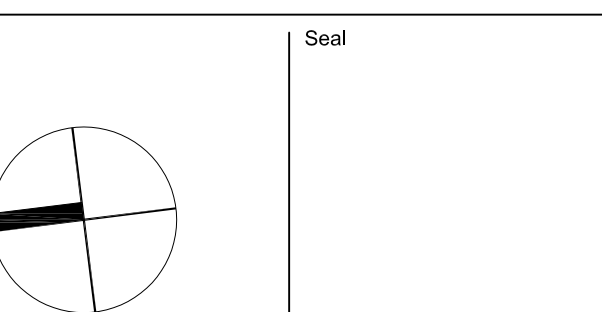
Surveying and Civil Engineering  
Langan Engineering  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
MKW & Associates  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
Intertech Associates, Inc.  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
Hopkins Food Service  
Specialists, Inc.  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
Code Consultants, Inc.  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



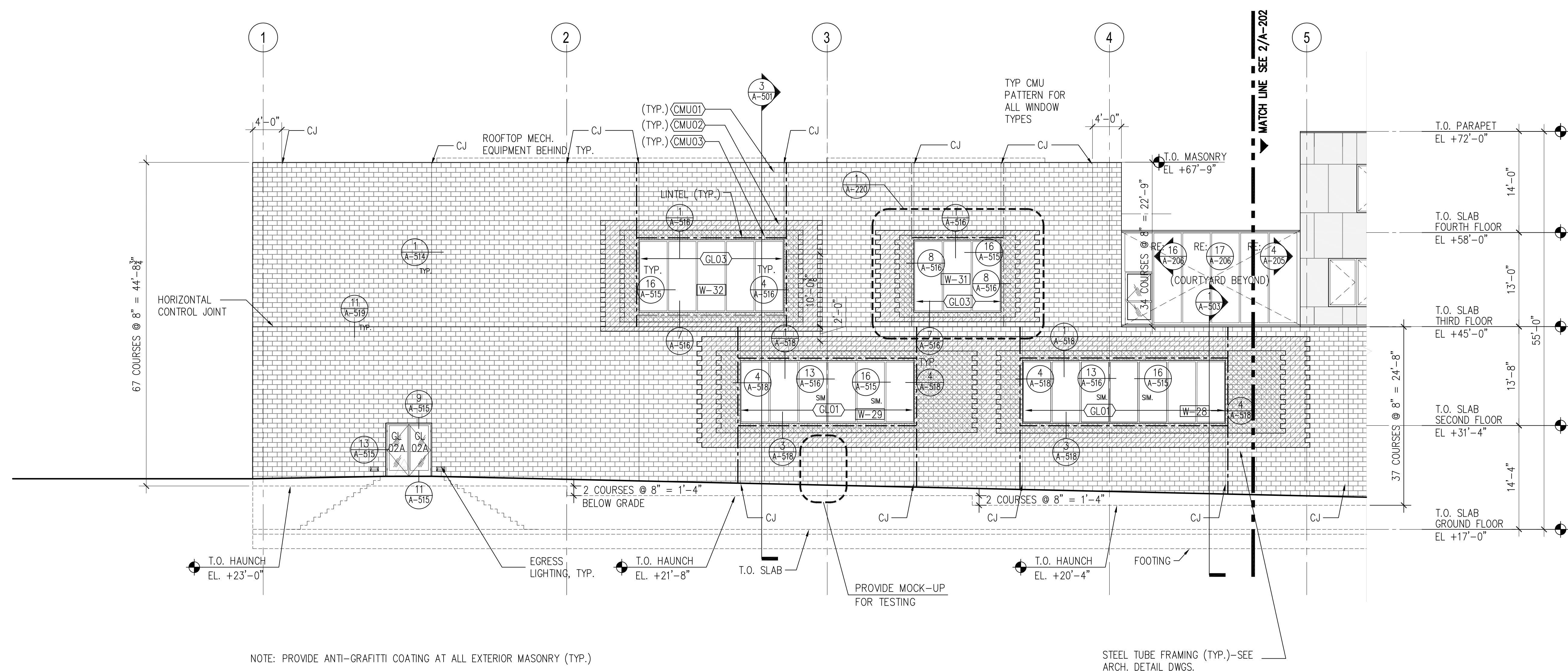
1 JUL 13, 12 ISSUED FOR BID  
No. Date Issue  
Sheet Name:

**EXTERIOR ELEVATIONS  
NORTH**

Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009

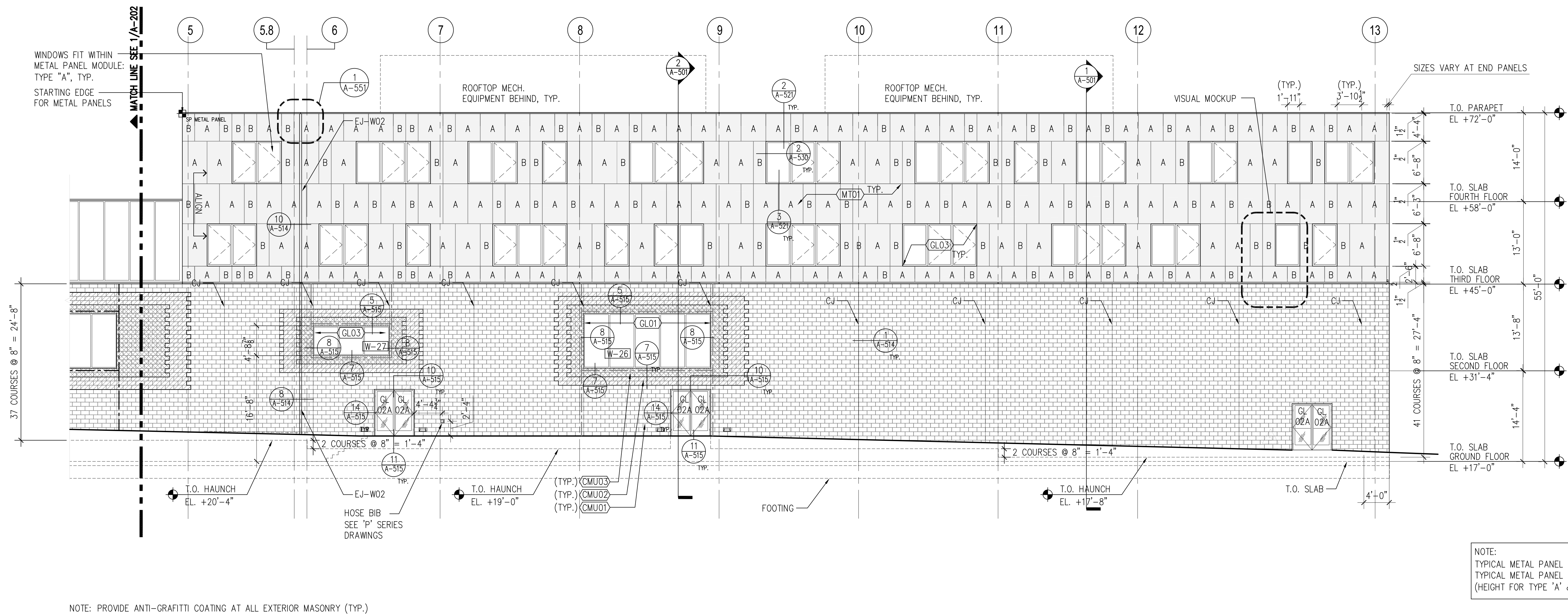
Scale:  
1/8"=1'-0"  
SDW 588 No.:  
209065  
P/E Name:  
A-202.dwg

**A-202**



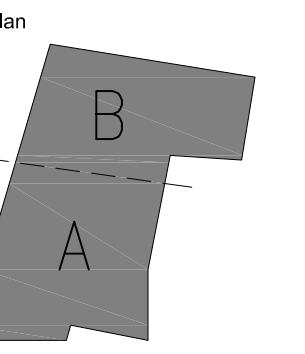
**1 NORTH ELEVATION-EAST SIDE**

SCALE: (N) 1/8" = 1'



**2 NORTH ELEVATION-WEST SIDE**

SCALE: (N) 1/8" = 1'



A-203



**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
**State of New Jersey Schools  
Development Authority**  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(201) 296-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

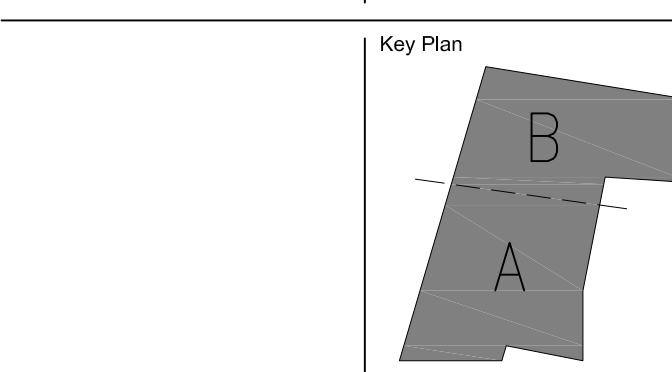
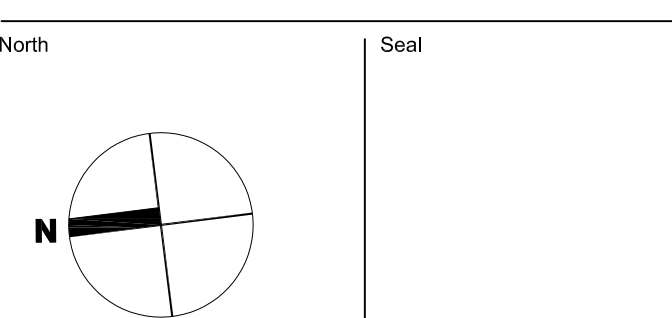
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freshfield, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10011  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596

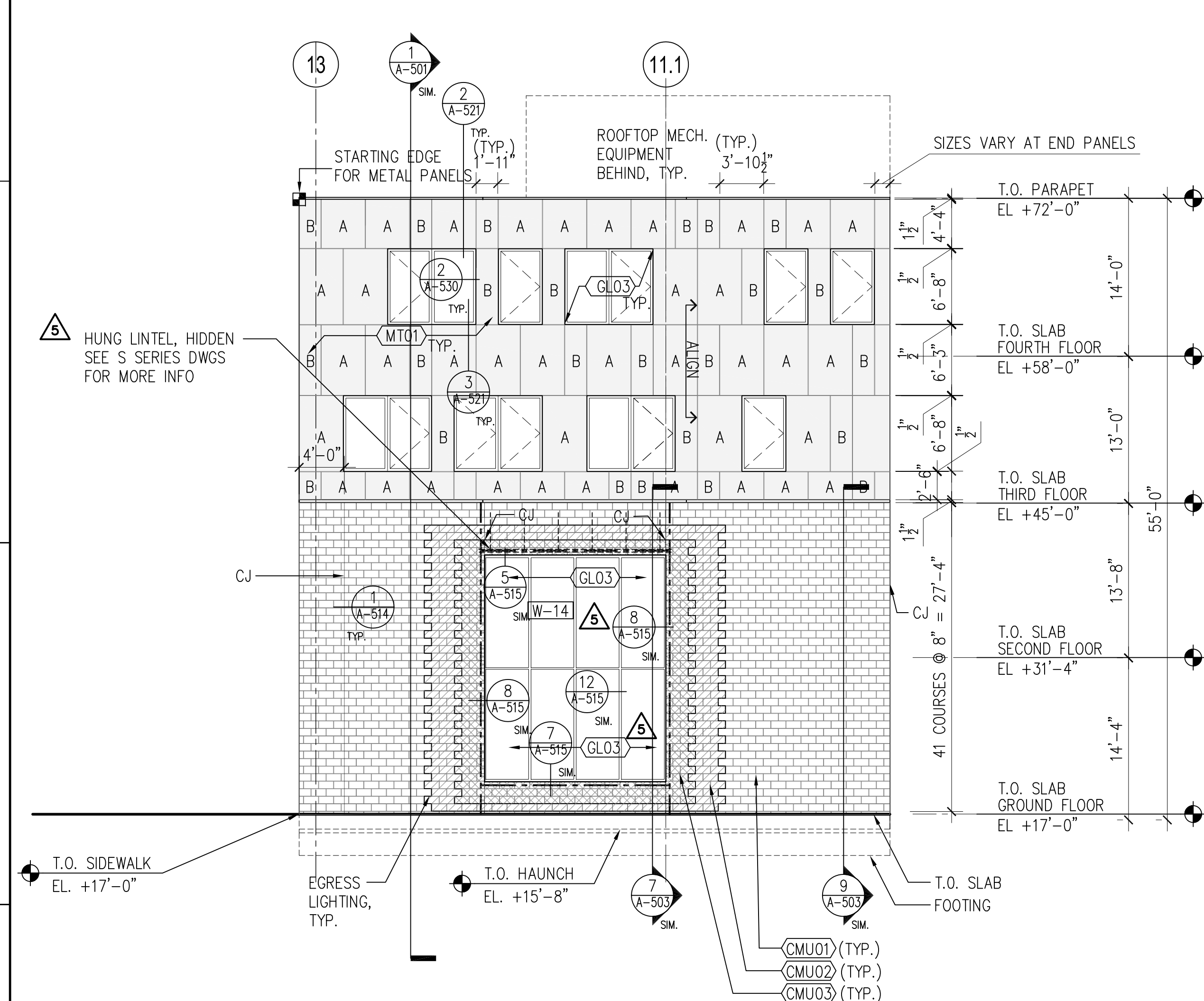


| No. | Date       | Issue          |
|-----|------------|----------------|
| 1   | JUL 13, 12 | ISSUED FOR BID |

**EXTERIOR ELEVATIONS  
SOUTH**

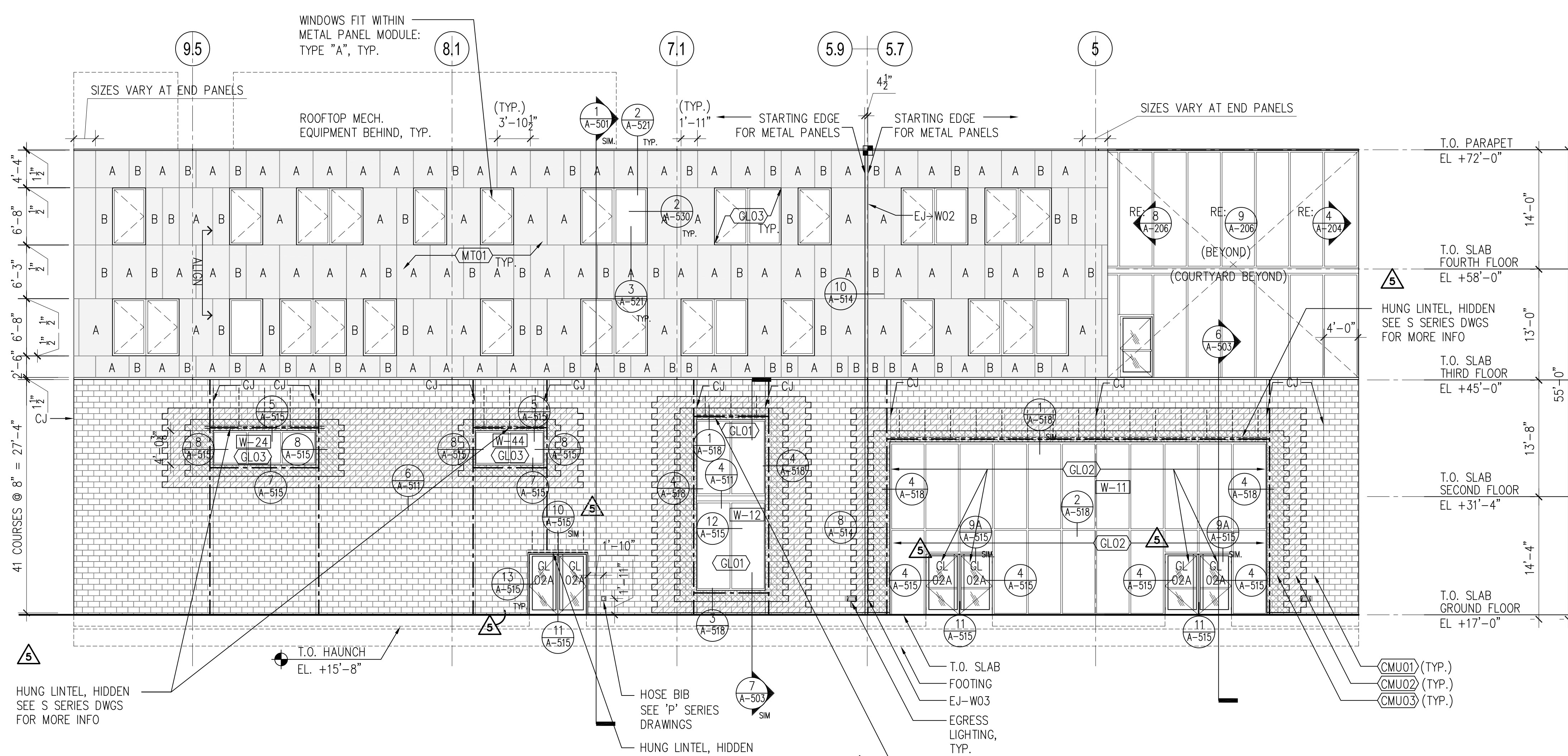
Copyright: Skidmore, Owings & Merrill Architects, LLP 2009  
Scale: 1/8" = 1'-0"  
SDA 558 NCL  
209065  
A-204.dwg

**A-204**



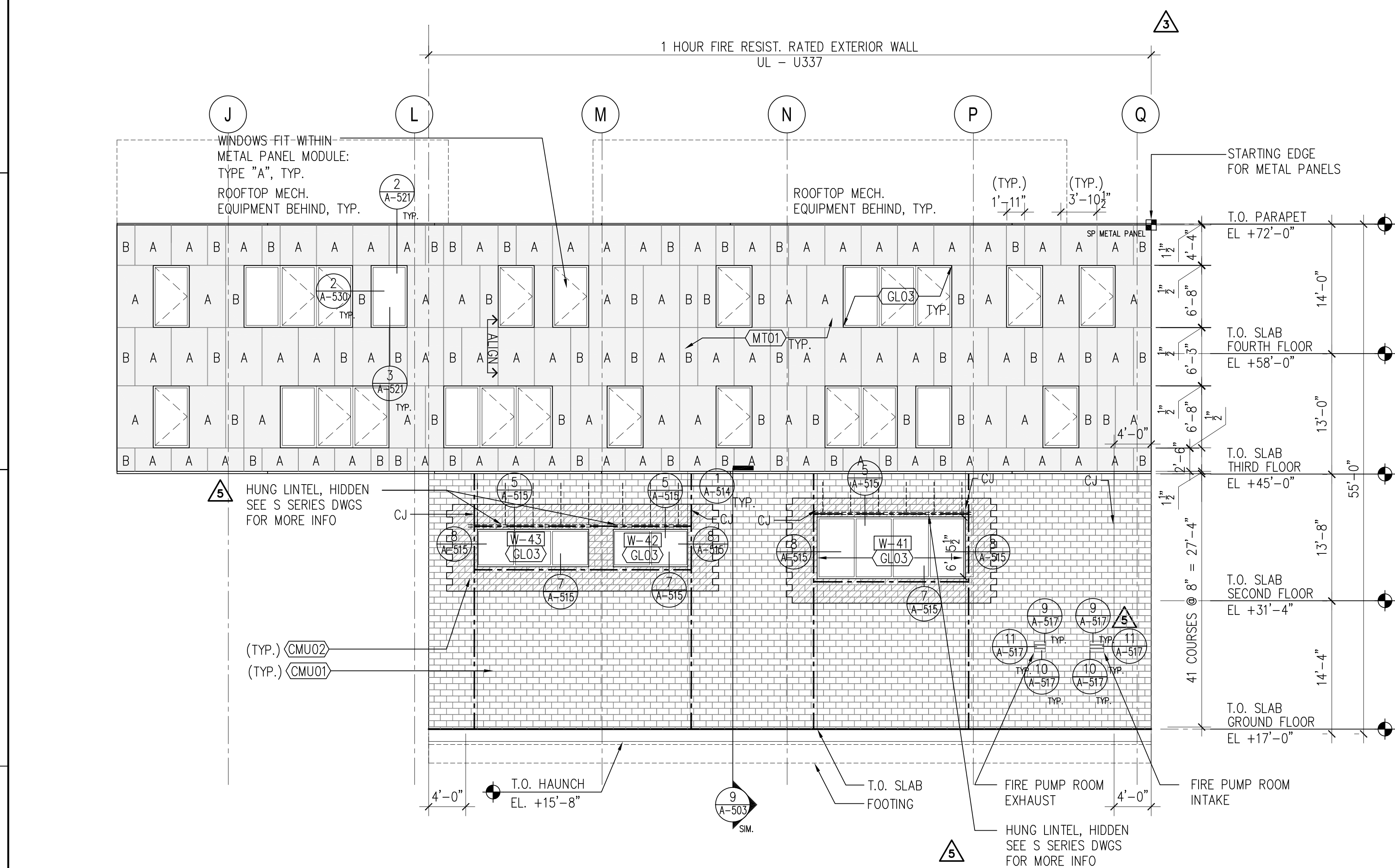
**2 SOUTH ELEVATION - PART 1**

SCALE: (N) 1/8" = 1'



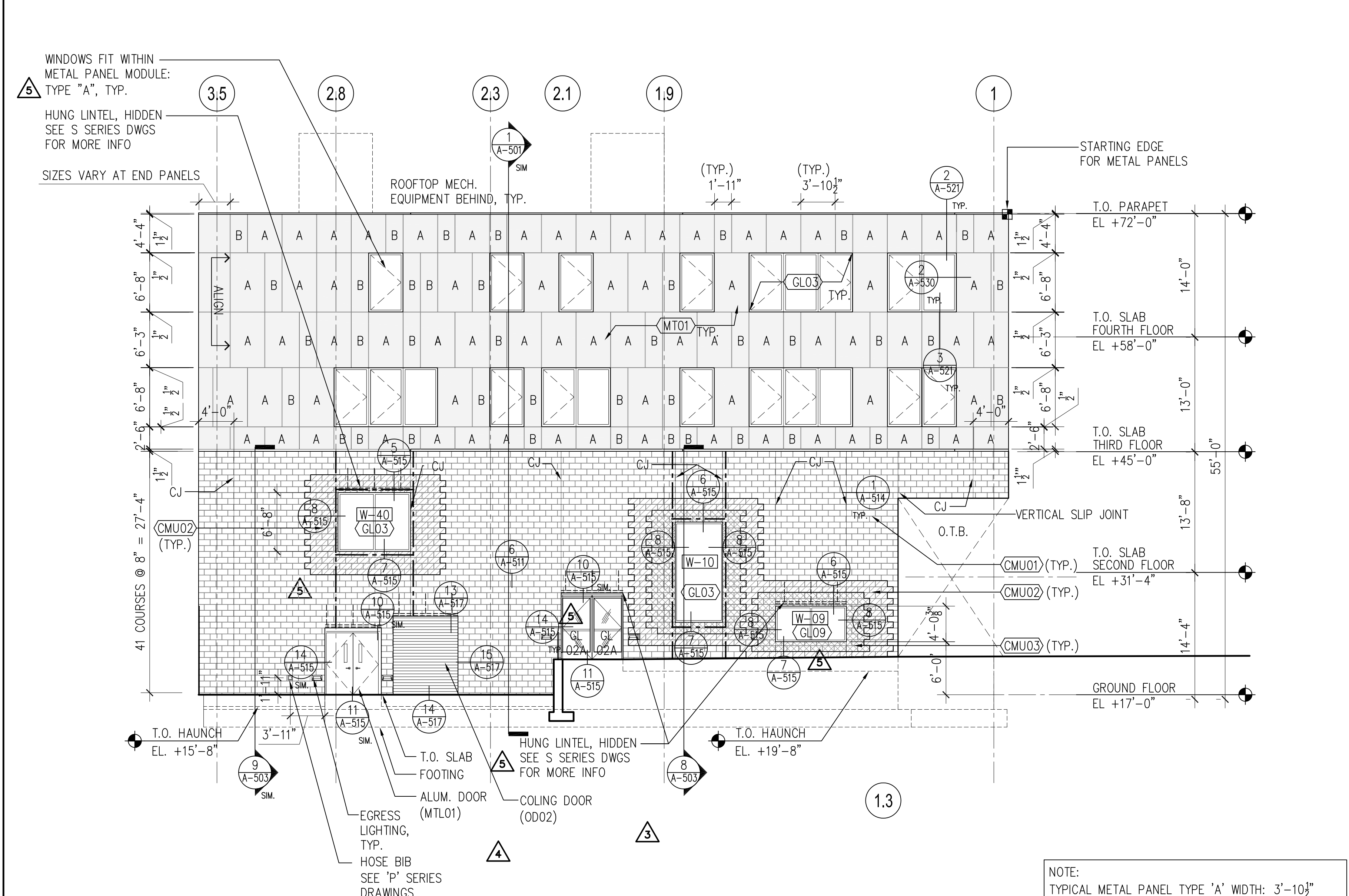
**1 SOUTH ELEVATION - PART 2**

SCALE: (N) 1/8" = 1'



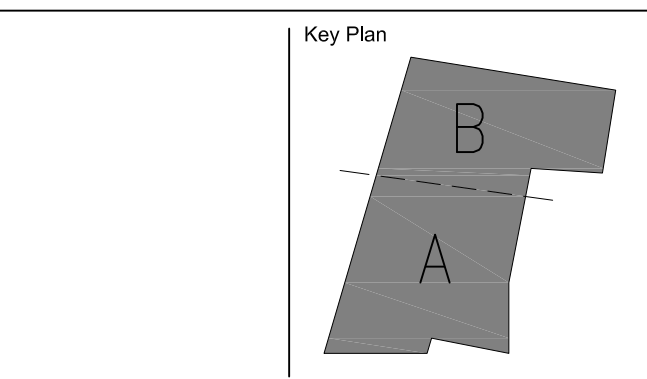
**4 SOUTH ELEVATION - PART 3**

SCALE: (N) 1/8" = 1'

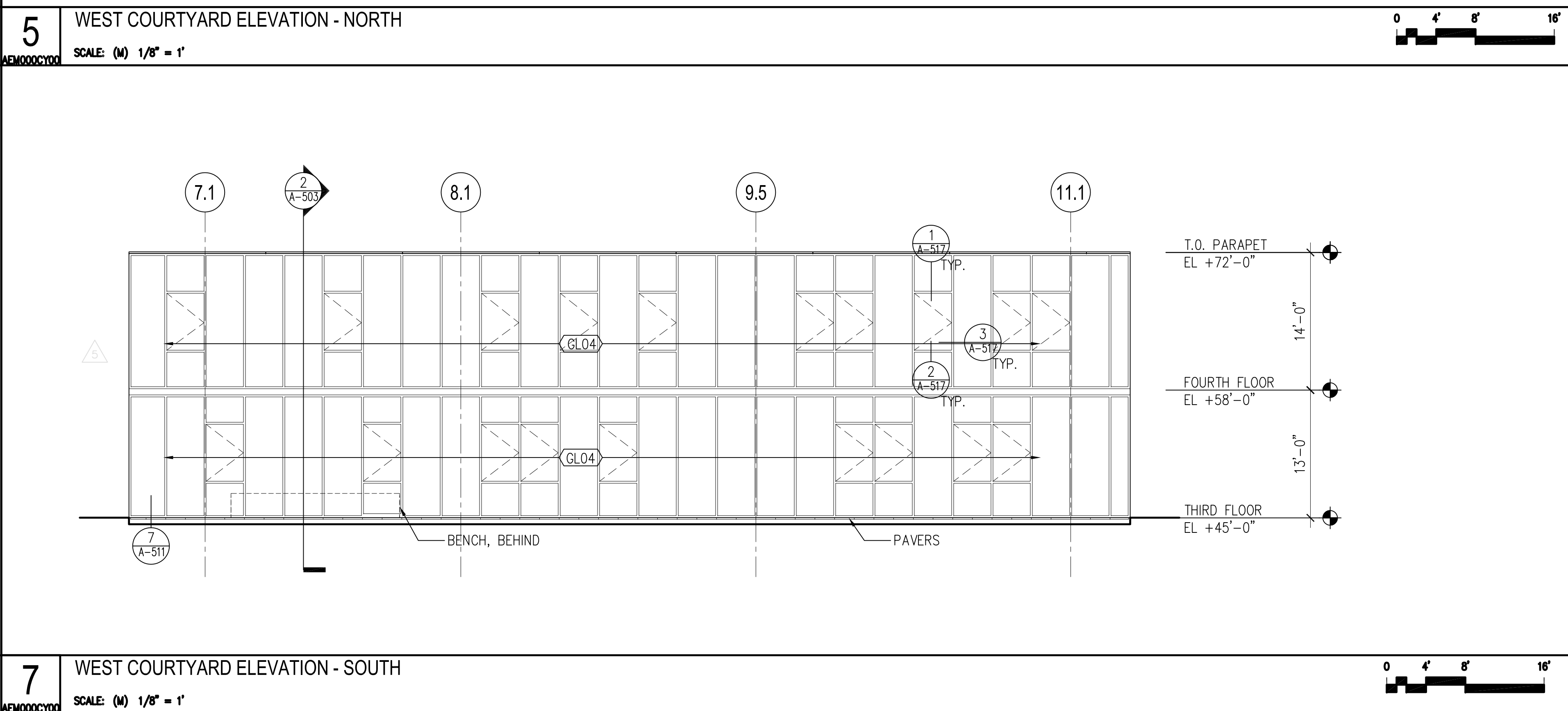
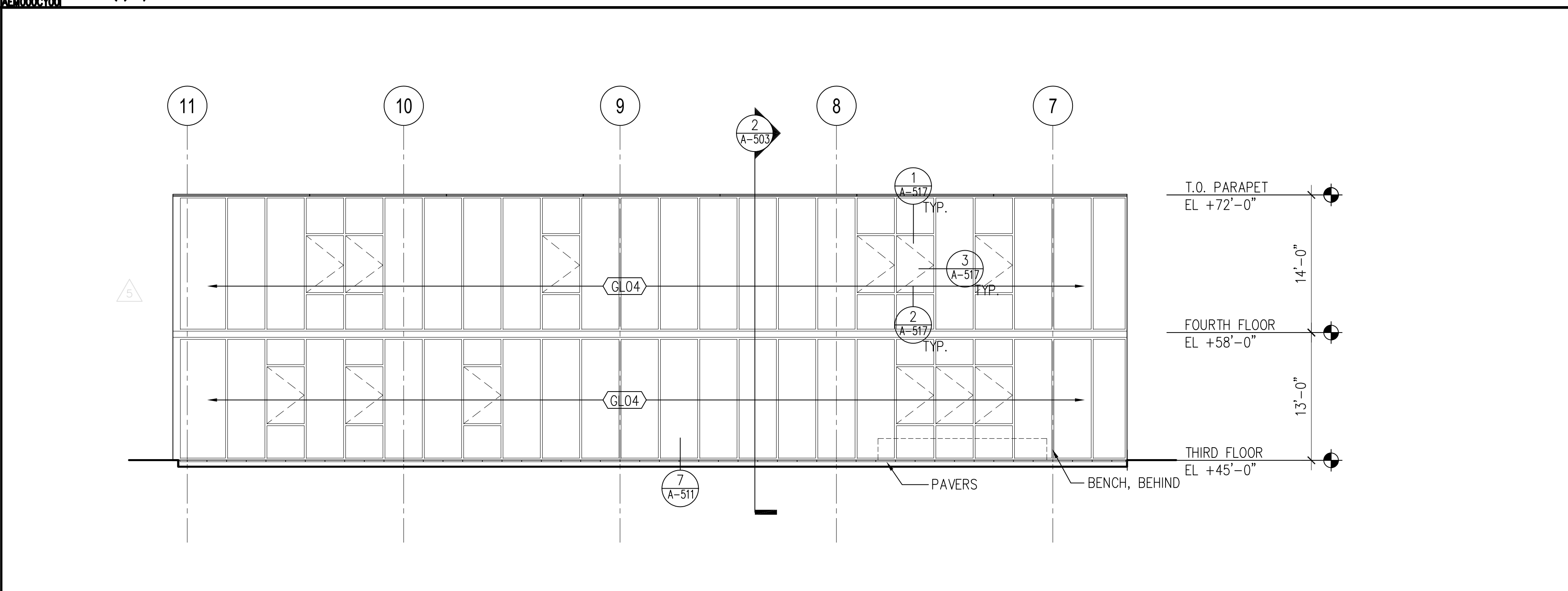
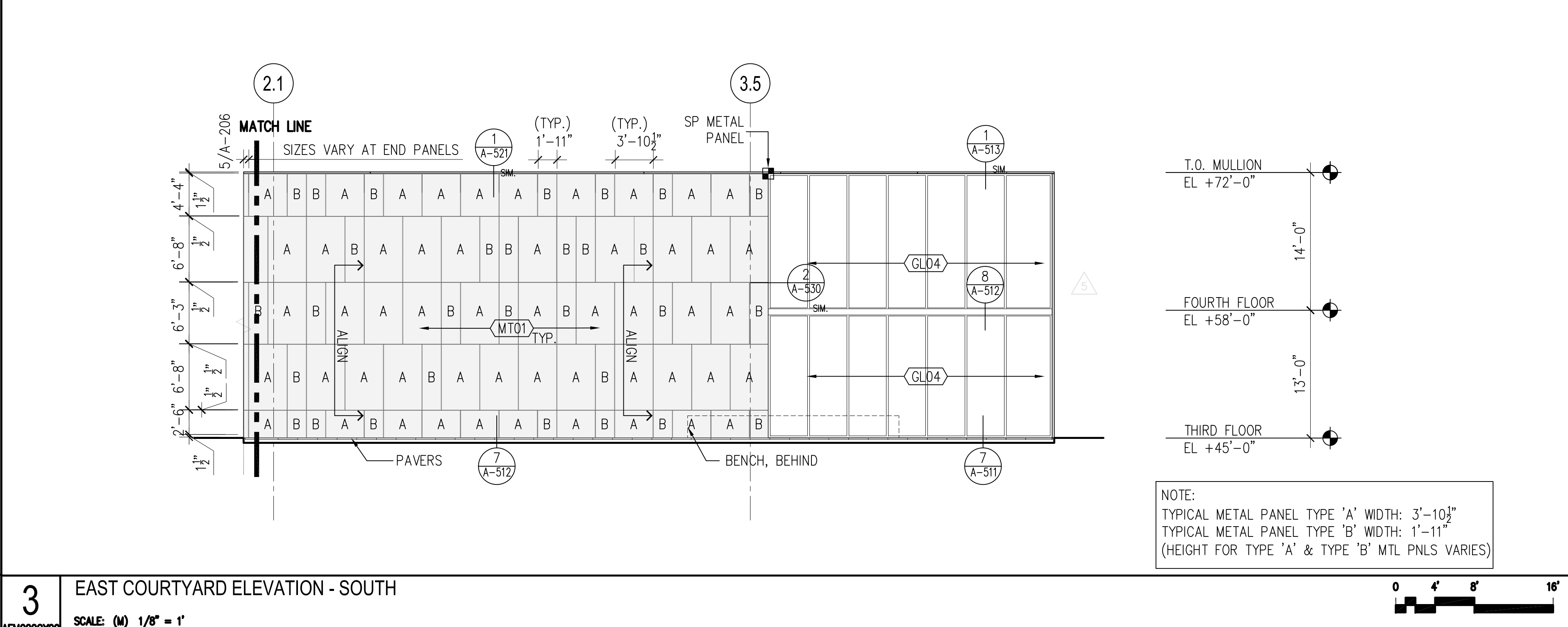
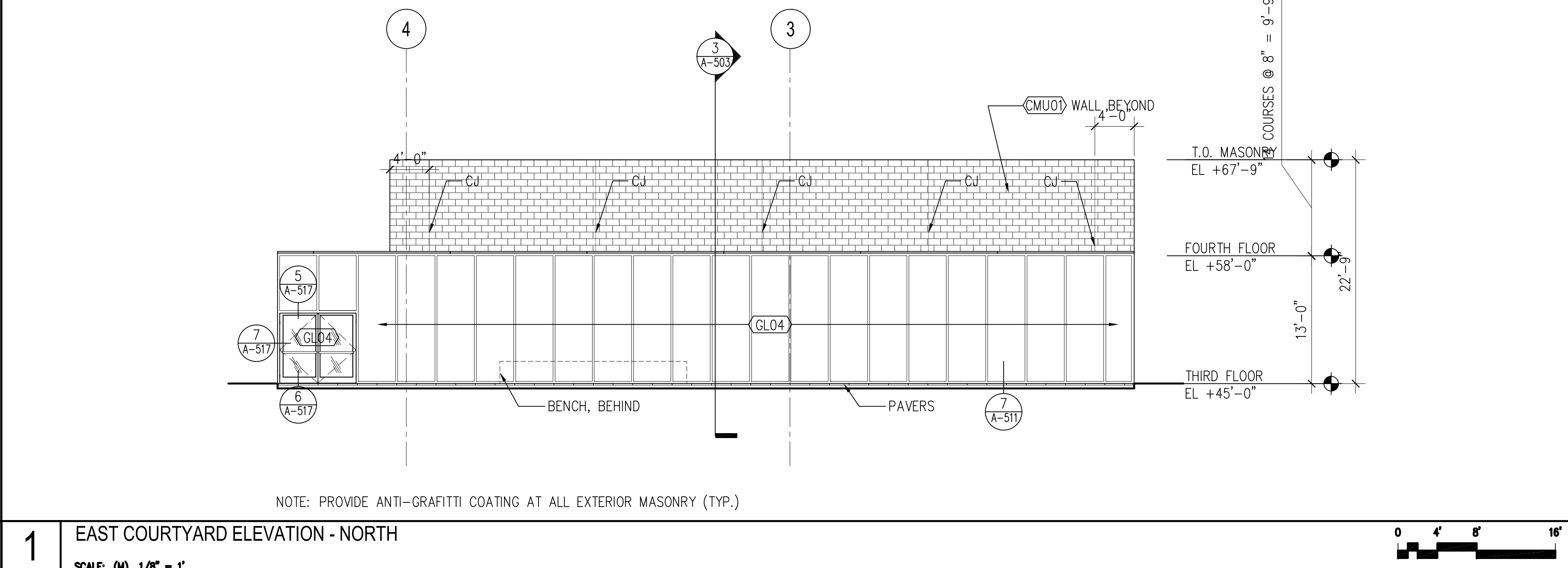


**3 SOUTH ELEVATION - PART 4**

SCALE: (N) 1/8" = 1'



## EXTERIOR ELEVATIONS COURTYARDS



# SDA

NJ Schools Development Authority

## ELIZABETH ACADEMIC HIGH SCHOOL

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
Bovis Lend Lease  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
Consulting Engineers  
Collaborative, Inc.  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical and Electrical Engineering  
Plumbing and Fire Protection  
Concord Engineering Group, Inc.  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

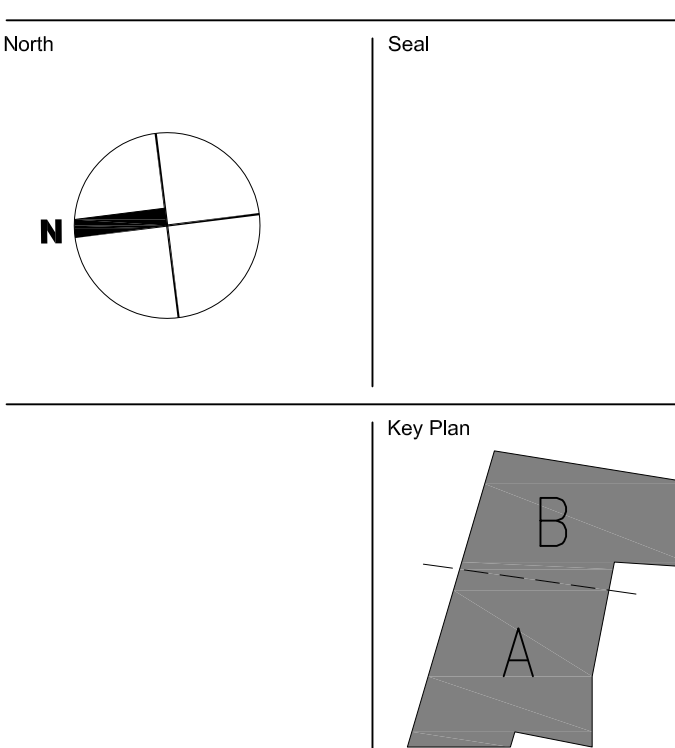
Surveying and Civil Engineering  
Langan Engineering  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
MKW & Associates  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
Intertech Associates, Inc.  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
Hopkins Food Service  
Specialists, Inc.  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
Code Consultants, Inc.  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



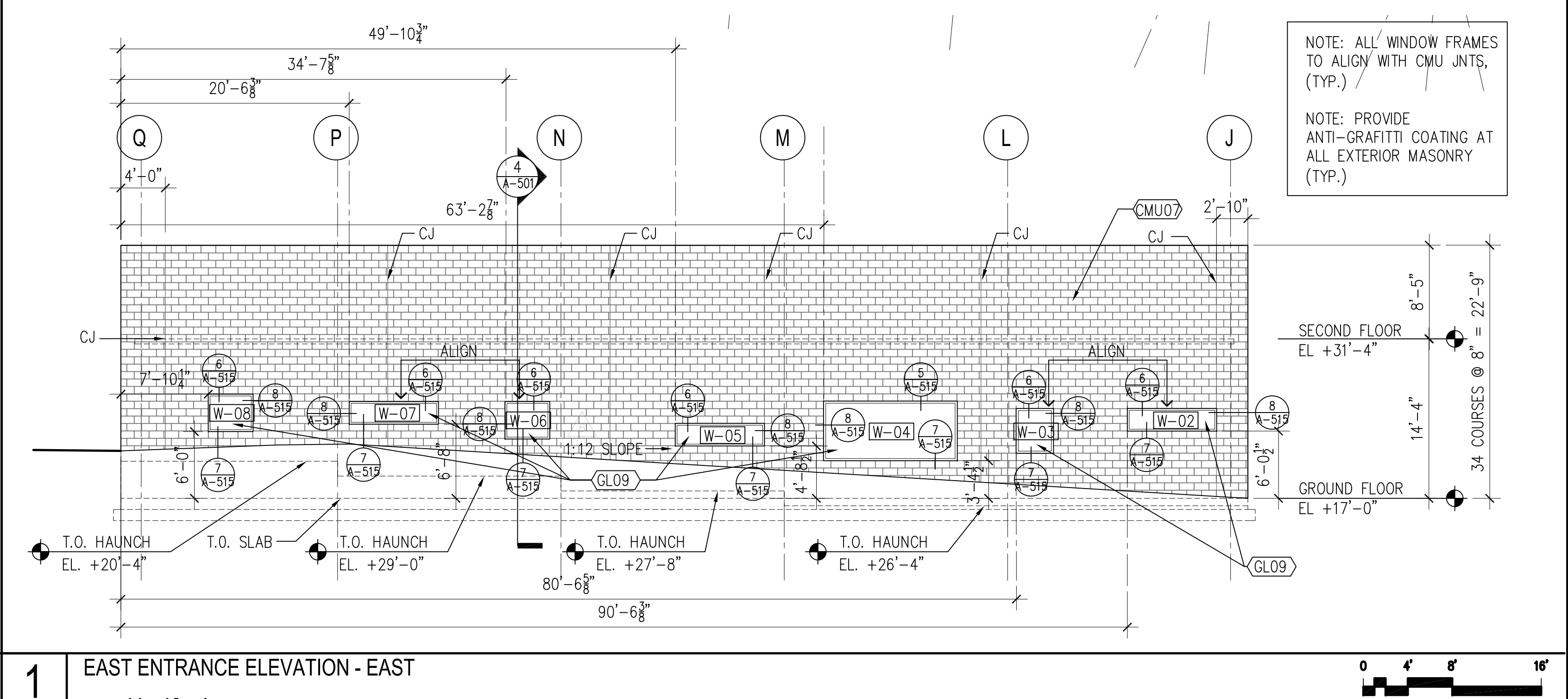
1 JUL 13, 12 ISSUED FOR BID  
No. Date Issue  
Sheet Name:

## EXTERIOR ELEVATIONS TERRACES AND BUILDING ENTRANCES

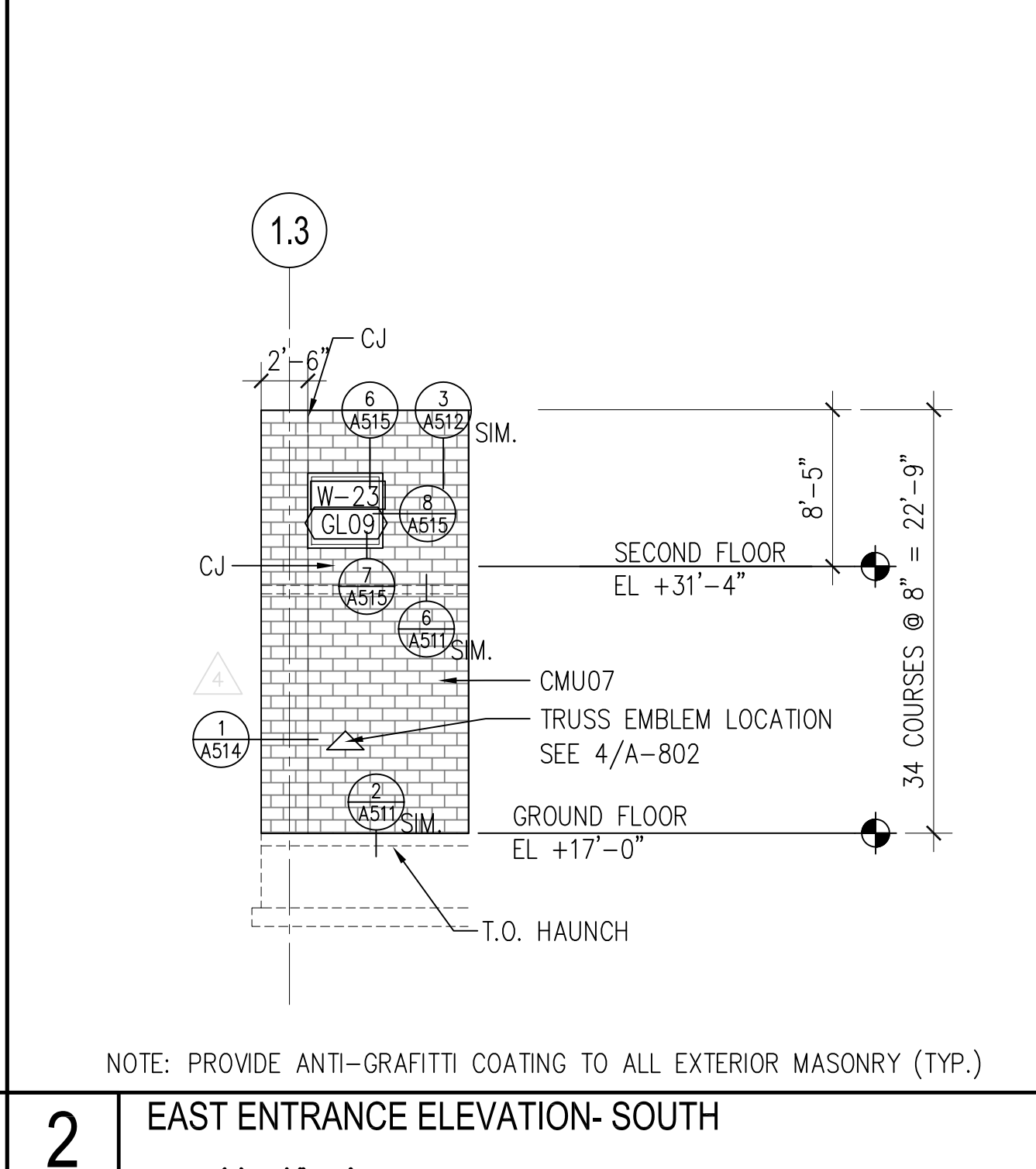
Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009

Scale:  
1/8"=1'-0"  
209065  
A-206.dwg

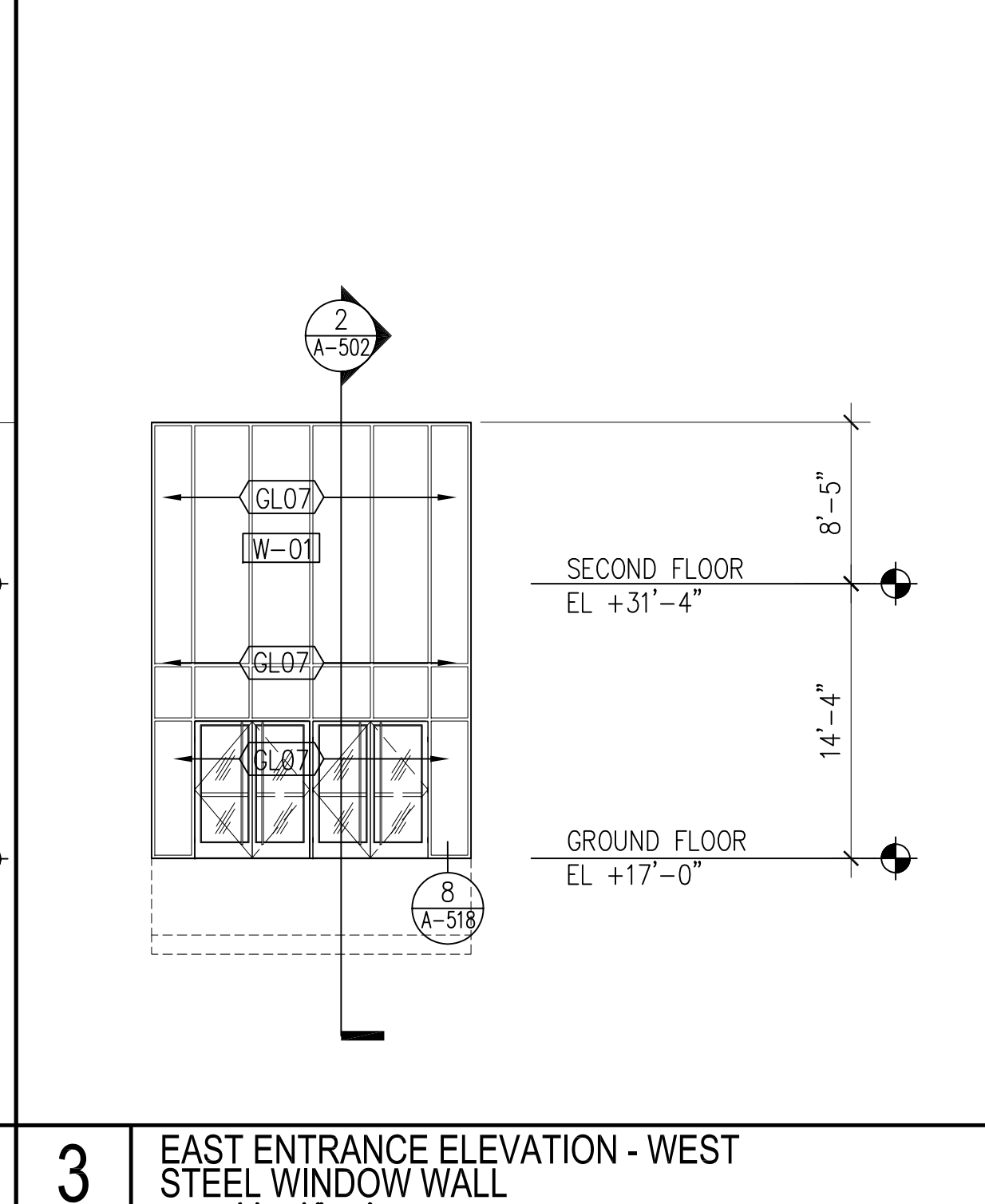
A-206



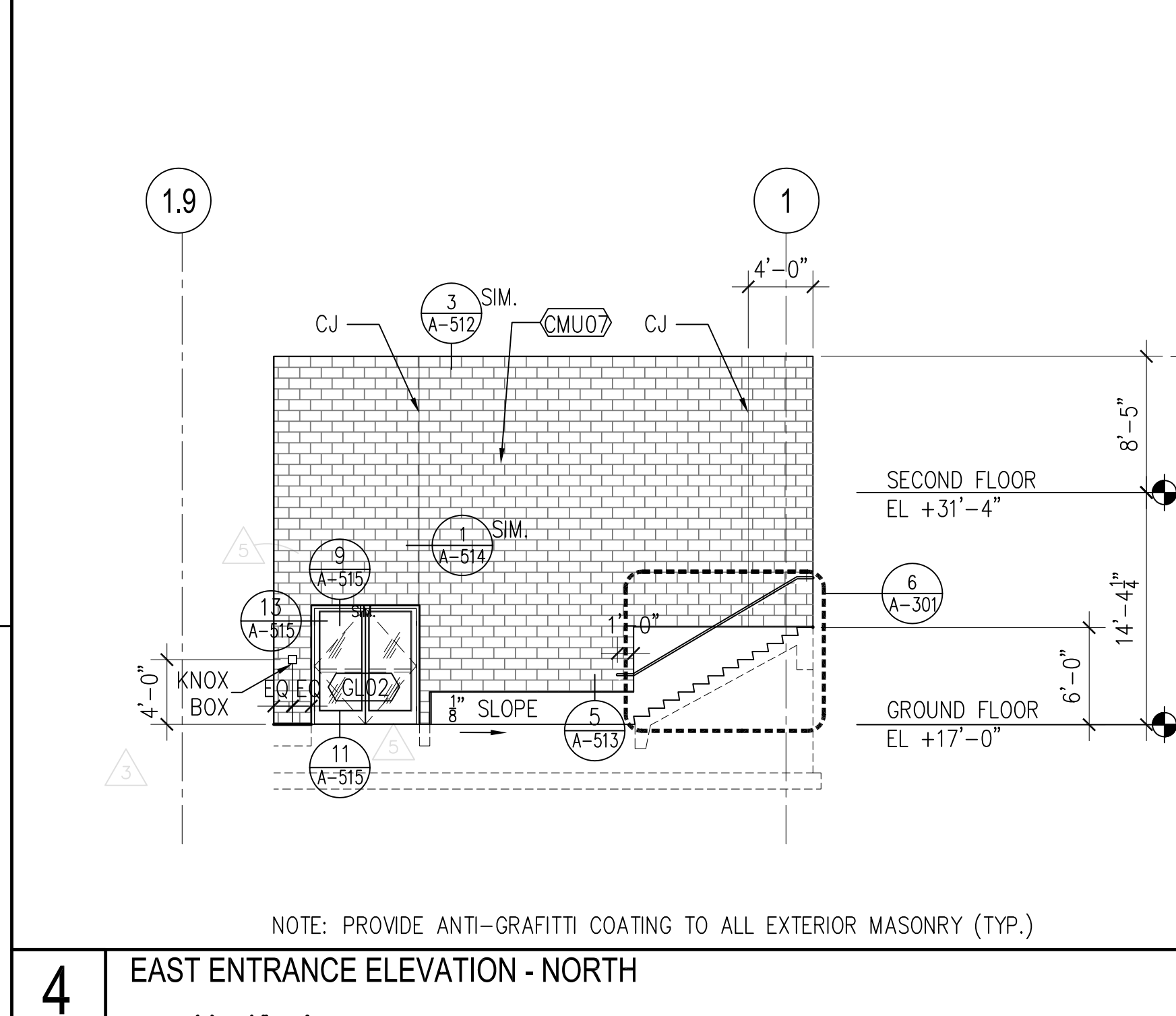
1 EAST ENTRANCE ELEVATION - EAST  
SCALE: (N) 1/8" = 1'



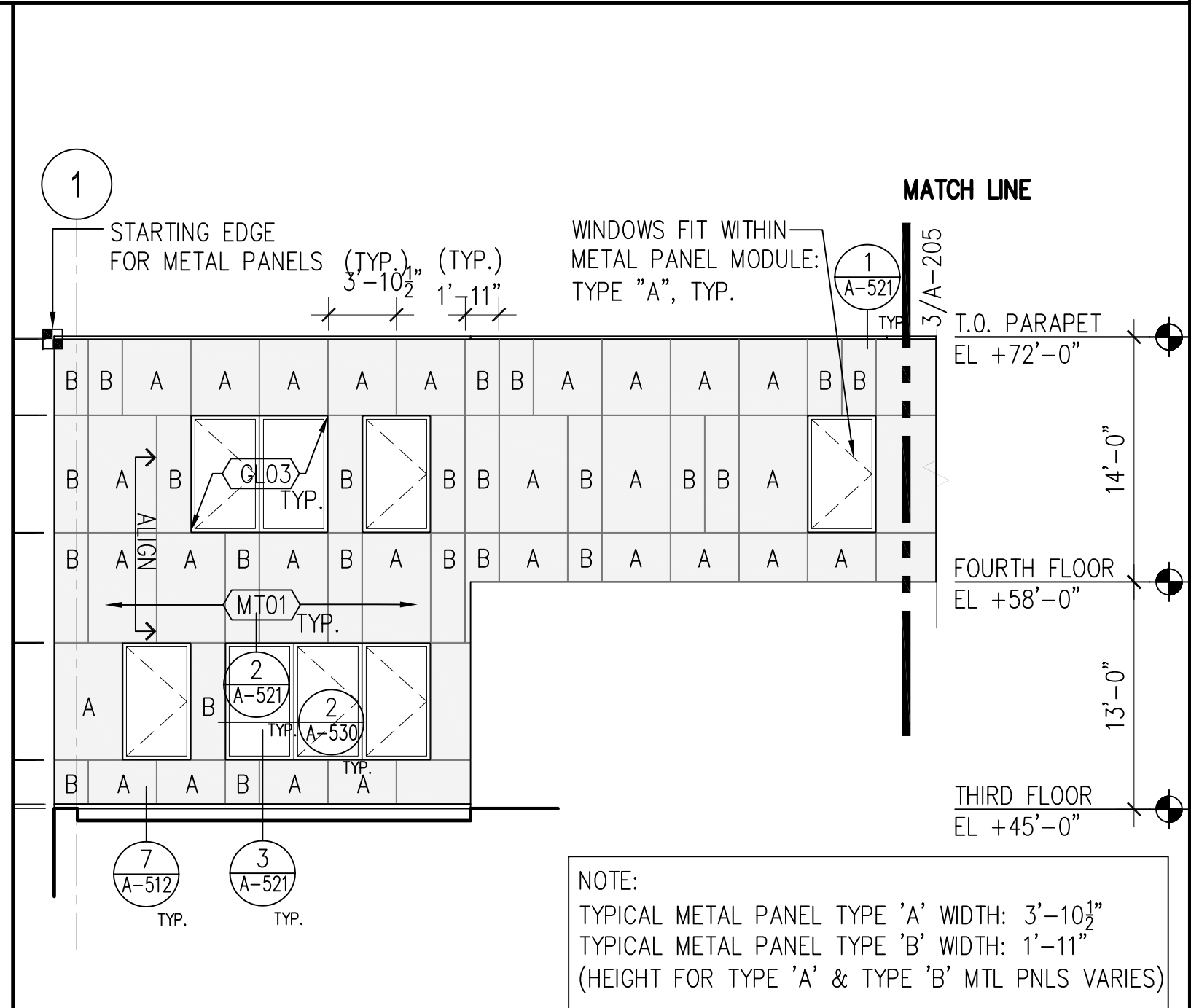
2 EAST ENTRANCE ELEVATION - SOUTH  
SCALE: (N) 1/8" = 1'



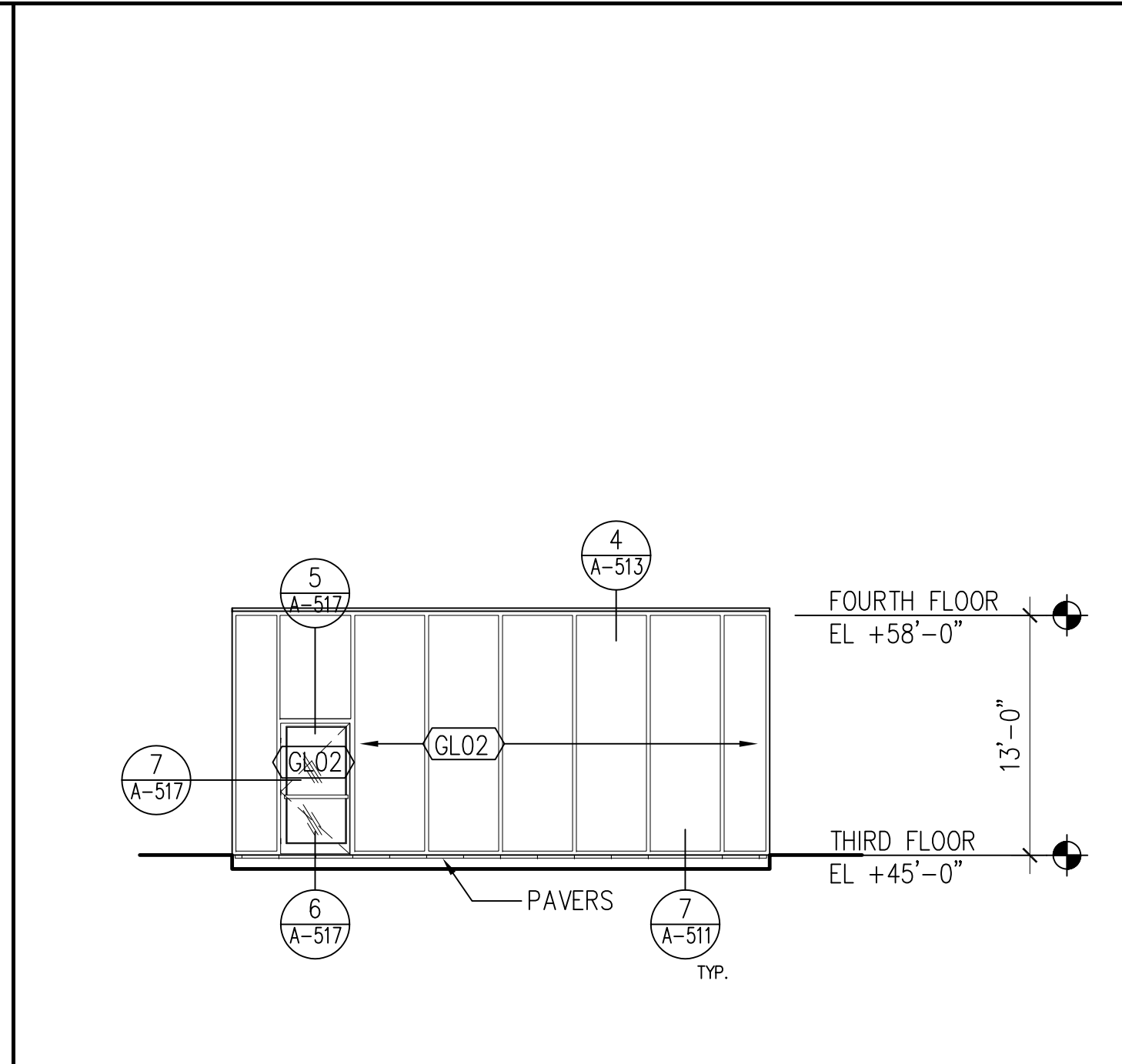
3 EAST ENTRANCE ELEVATION - WEST  
SCALE: (N) 1/8" = 1'



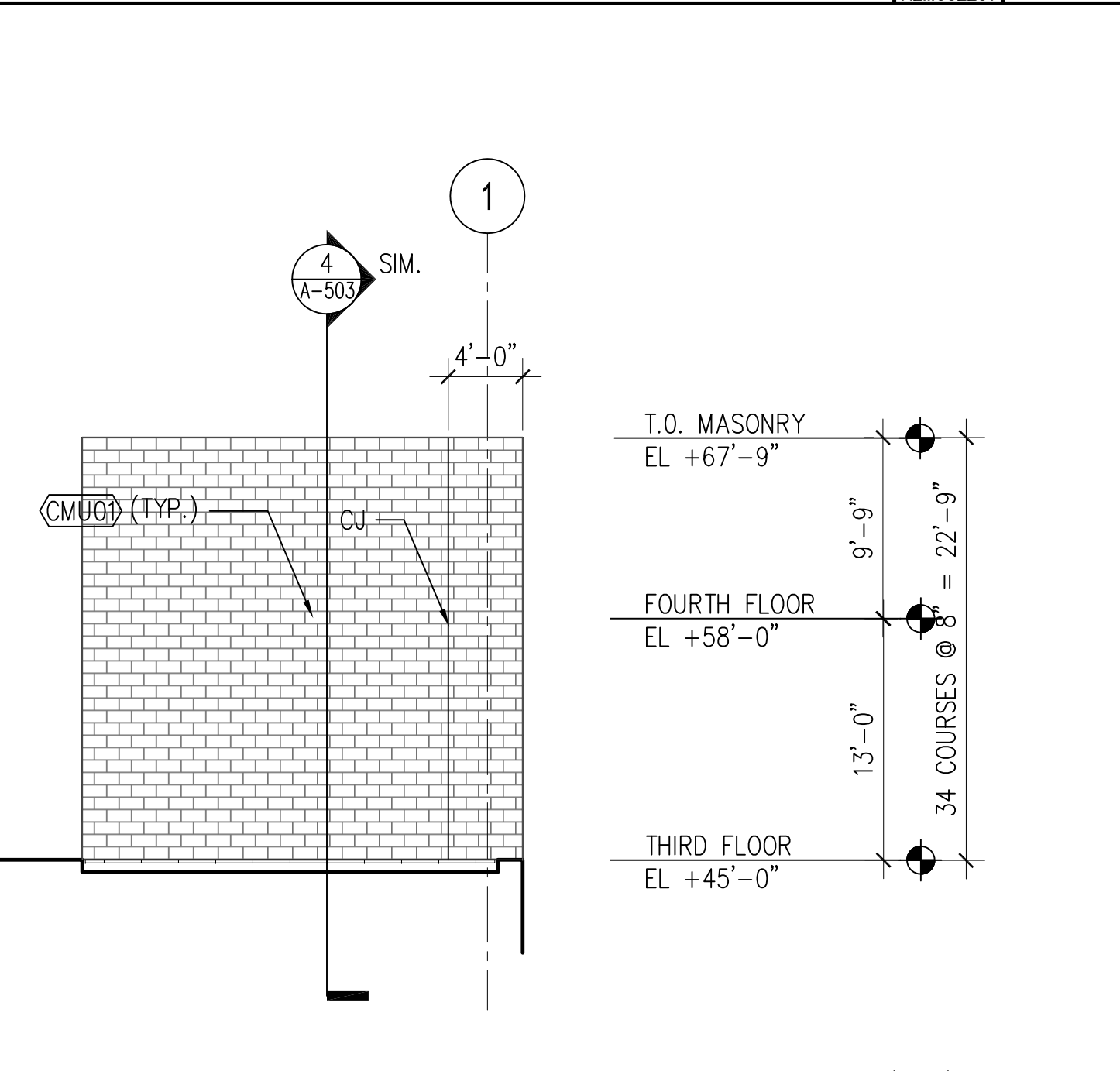
4 EAST ENTRANCE ELEVATION - NORTH  
SCALE: (N) 1/8" = 1'



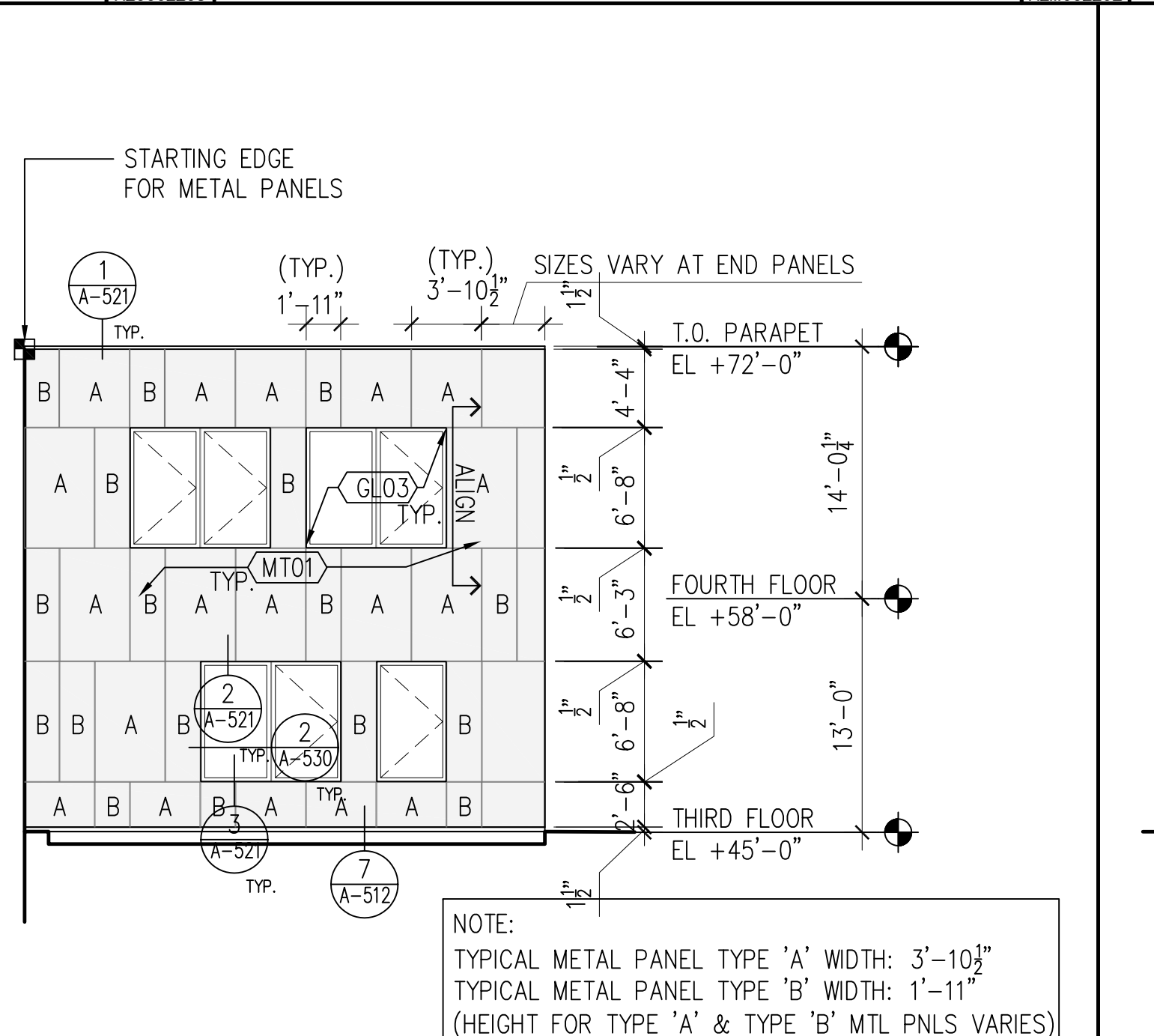
5 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



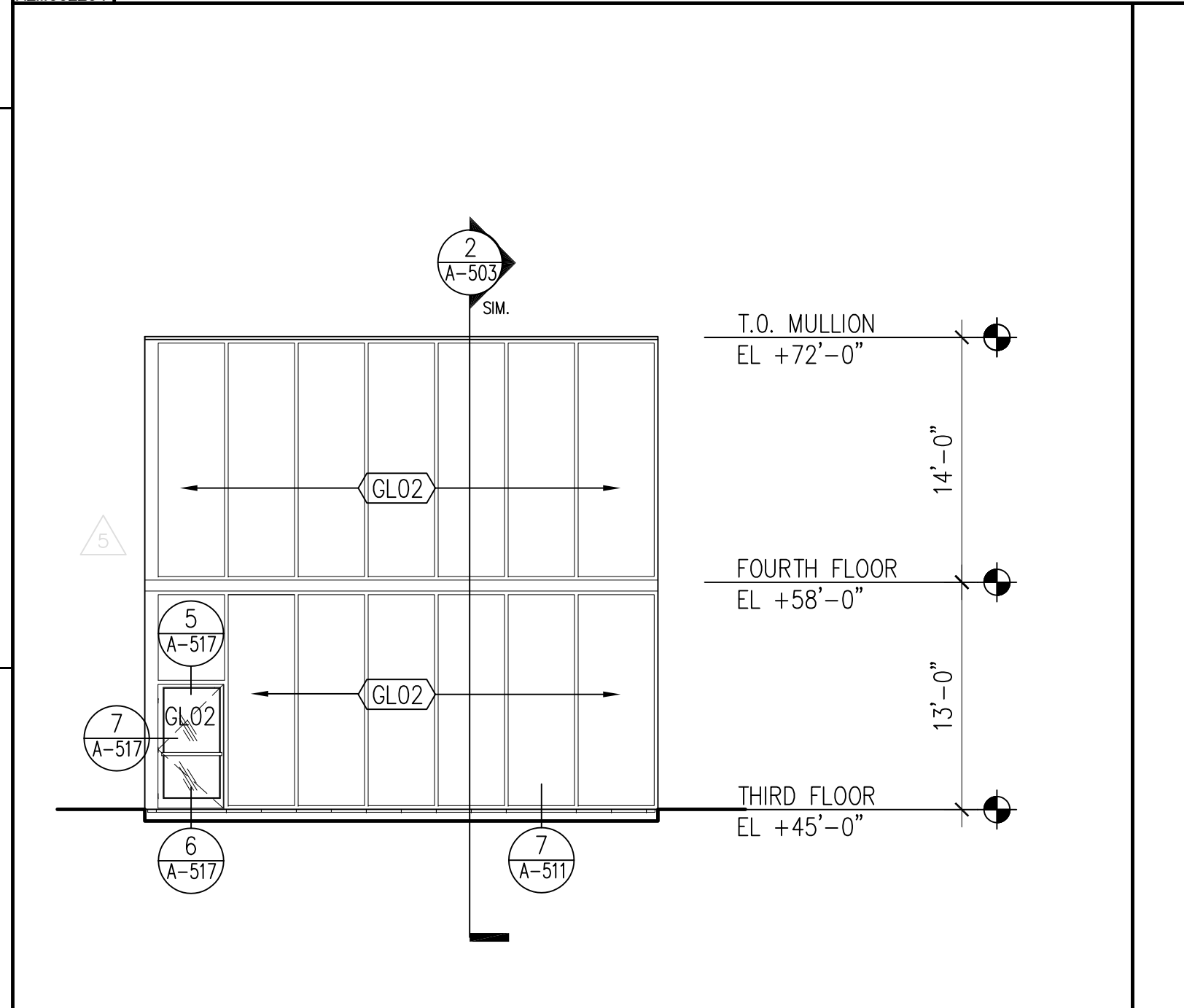
6 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



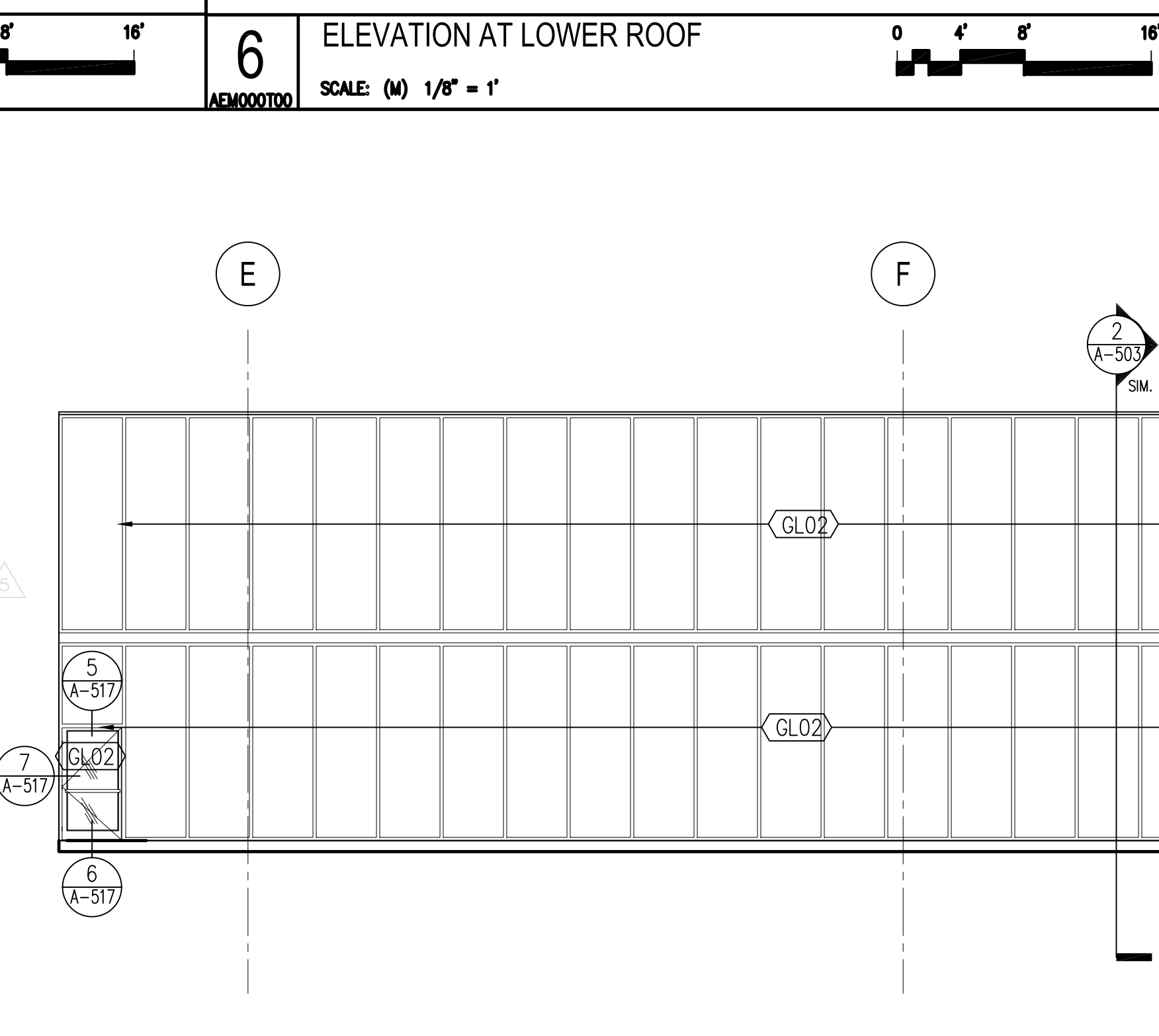
7 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



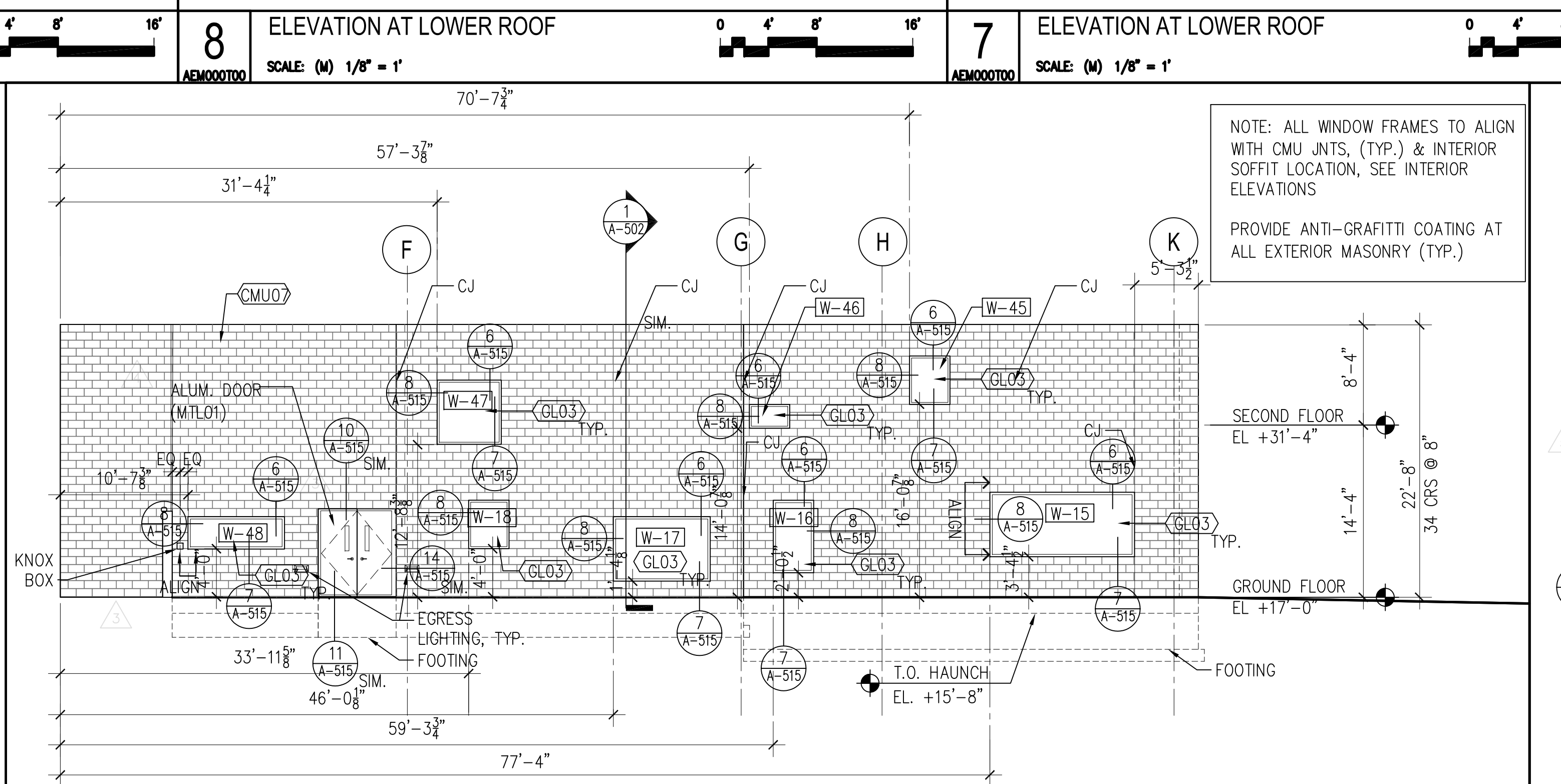
8 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



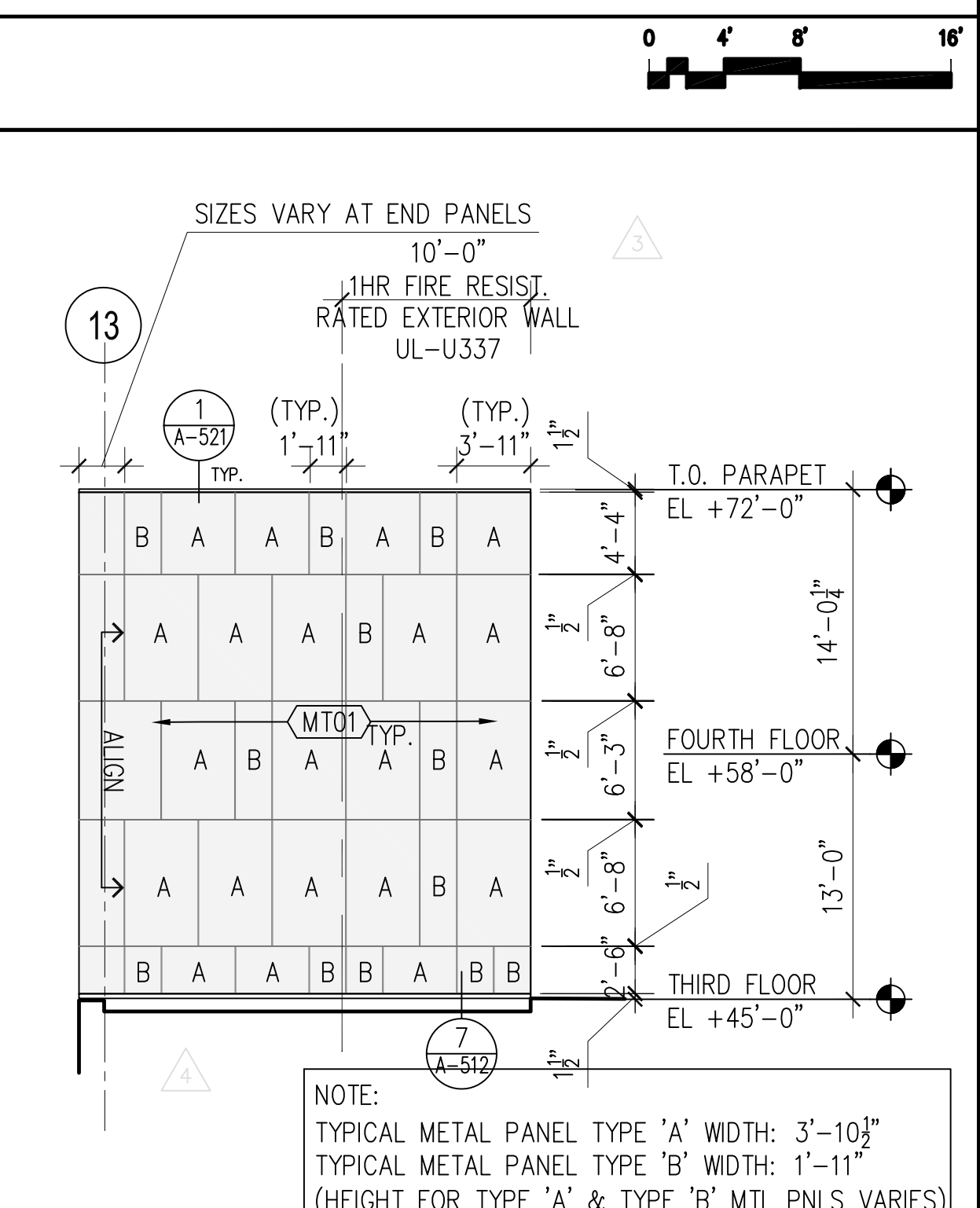
9 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



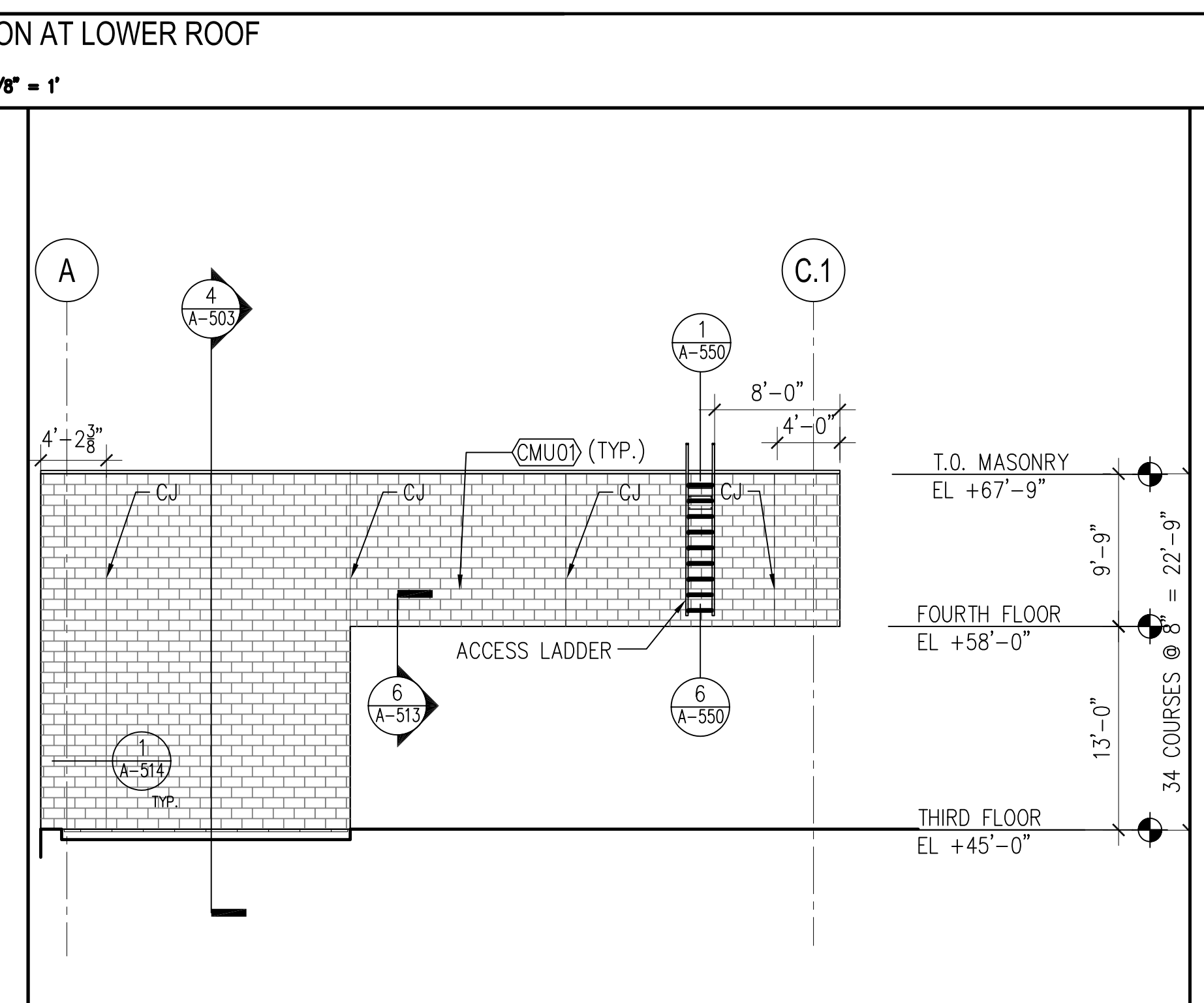
10 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



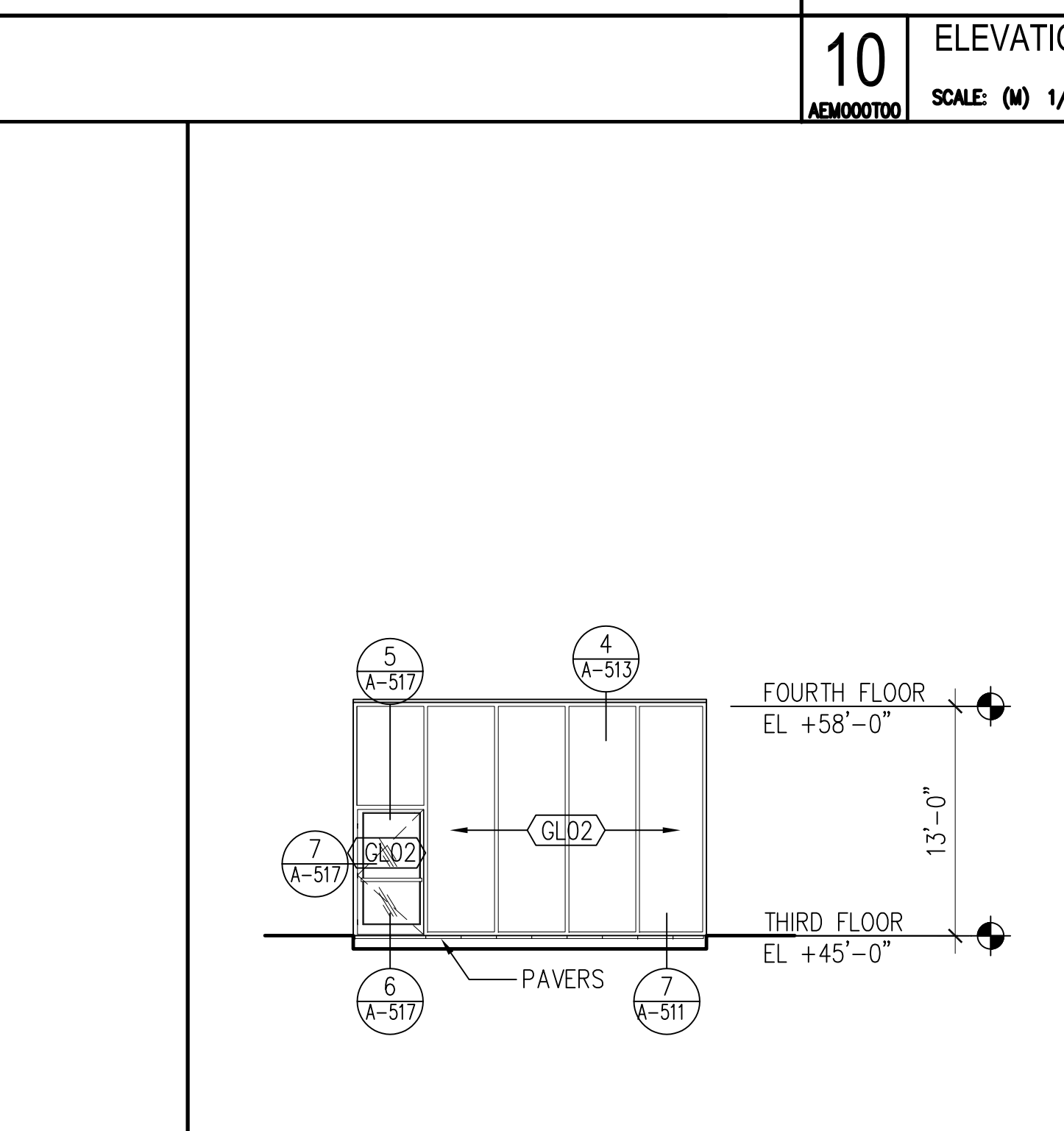
11 WEST ENTRANCE ELEVATION  
SCALE: (N) 1/8" = 1'



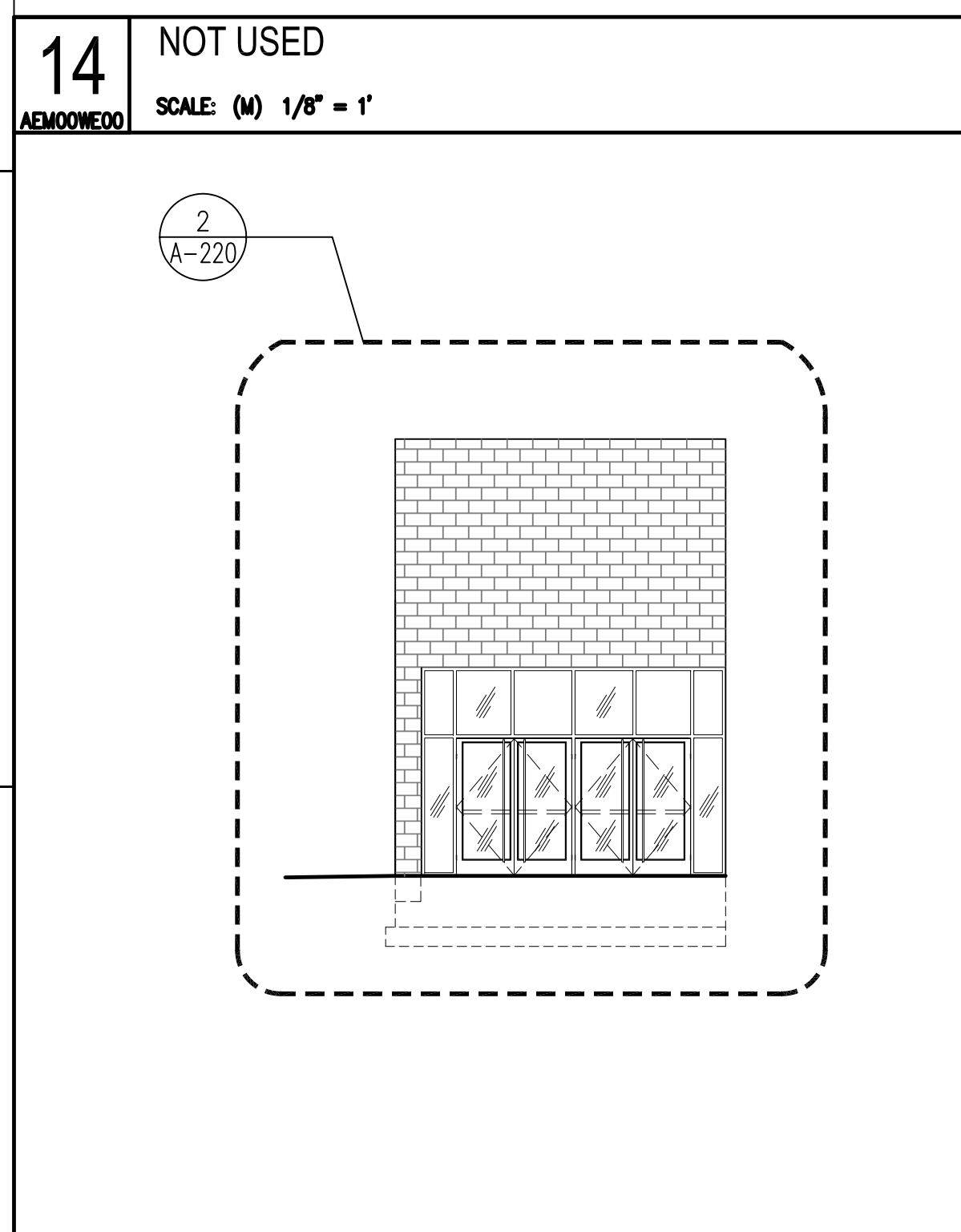
15 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



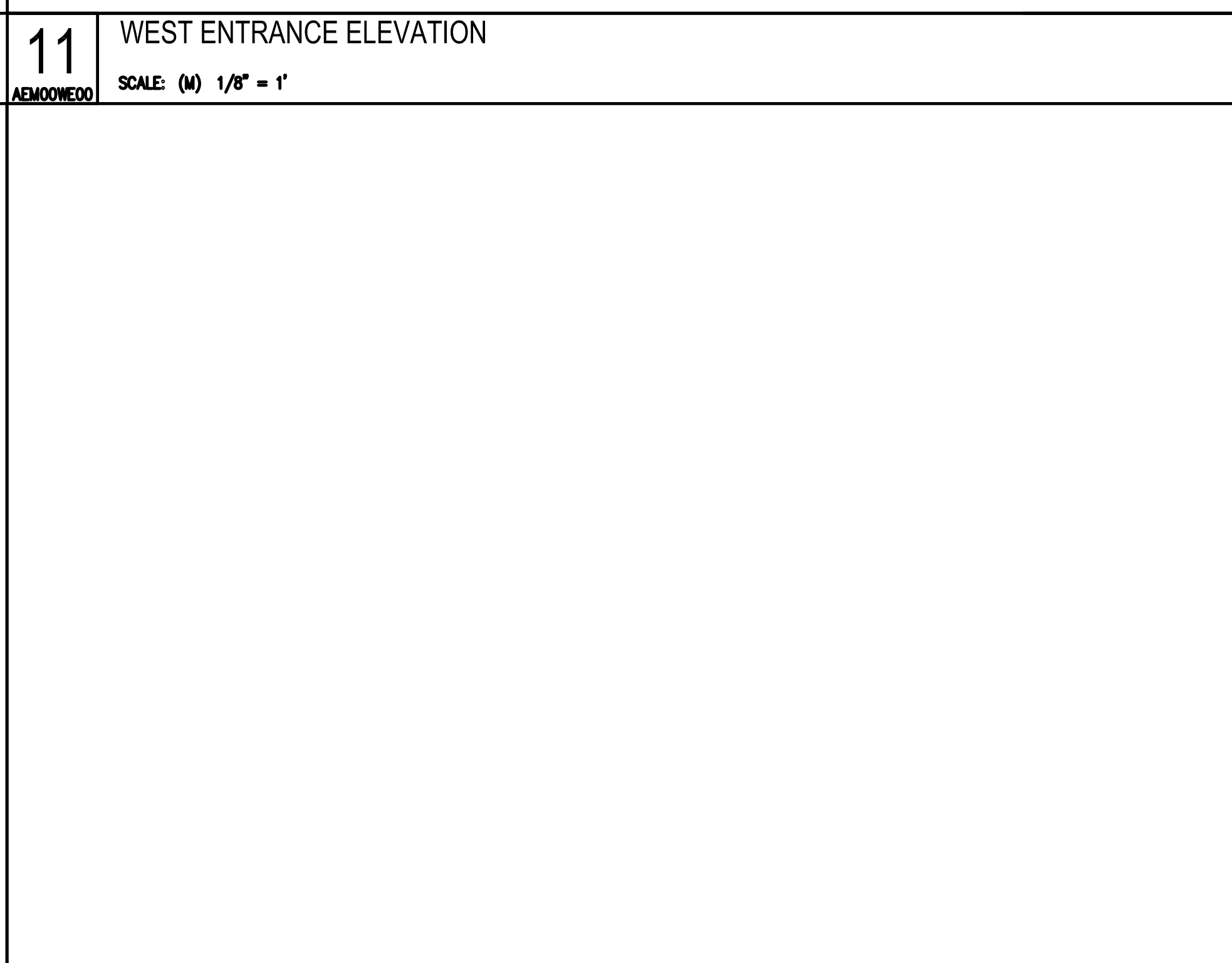
16 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



17 ELEVATION AT LOWER ROOF  
SCALE: (N) 1/8" = 1'



19 WEST ENTRANCE ELEVATION  
SCALE: (N) 1/8" = 1'



18 NOT USED  
SCALE: (N) 1/8" = 1'

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

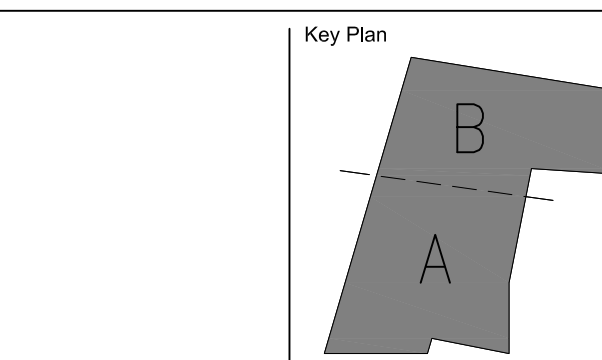
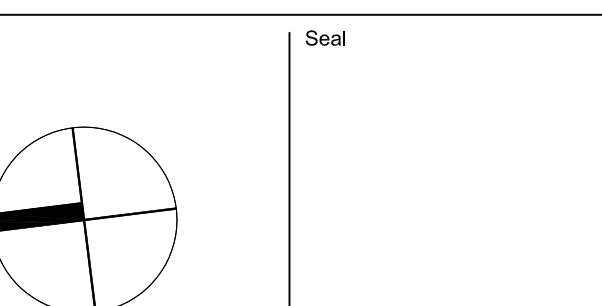
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



| No. | Date       | Issue          |
|-----|------------|----------------|
| 1   | JUL 13, 12 | ISSUED FOR BID |

**GROUND FLOOR  
REFLECTED  
CEILING KEY PLAN**

Copyright, Skidmore, Owings & Merrill Architects, LLP 2009  
Date: \_\_\_\_\_ Sheet No.: \_\_\_\_\_  
Scale: 1/16" = 1'-0"  
SOM Job No.: 209065  
File Name: A-401.DWG

**A-401**



**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

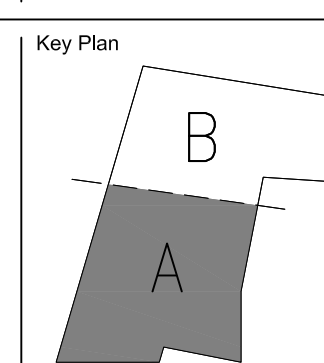
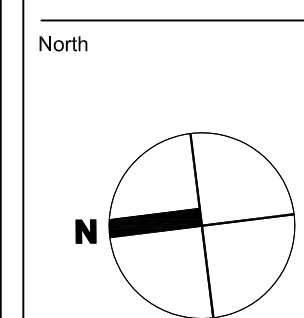
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



NOTE:  
REFER TO G-004 FOR REFLECTED CEILING PLAN  
LEGEND AND SYMBOLS.  
ALL CEILING TILES ARE ACT-01 UNLESS OTHERWISE  
NOTED.  
ALL GWB CEILING WITH PT-02 FINISH, UNLESS  
OTHERWISE NOTED, REFER TO A-100 SERIES FLOOR  
PLANS FOR ROOM FINISHES.  
REFER TO 'EL' SERIES DRAWINGS FOR LIGHTING  
DESIGNATIONS.  
REFER TO A-419 AND A-420 FOR TYPICAL ACT  
LAYOUTS AND REFLECTED CEILING PLAN DETAILS.  
ALL MEP SYSTEMS SUPPORTED BY GALVANIZED  
SCOTTED CHANNEL HANGERS AS REQUIRED. REFER TO  
SPECIFICATIONS FOR DETAILS.

1 JUL 13, 12 ISSUED FOR BID

No. Date Issue

Sheet Name:

**GROUND FLOOR  
REFLECTED  
CEILING PLAN**

**AREA A**

Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009

Date: Sheet No.:

SCALE: AS NOTED

SDP 205 No.:

209065

Filename:

A-401A.dwg

**A-401A**

**1 GROUND FLOOR REFLECTED CEILING PLAN - AREA A**

SCALE: (N) 1/8" = 1'

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
Bovis Lend Lease  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
Consulting Engineers  
Collaborative, Inc.  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
Concord Engineering Group, Inc.  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

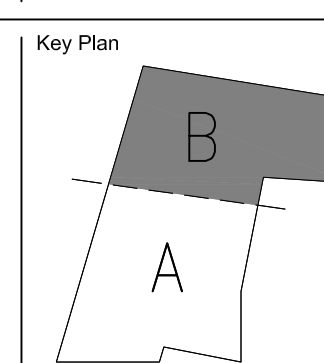
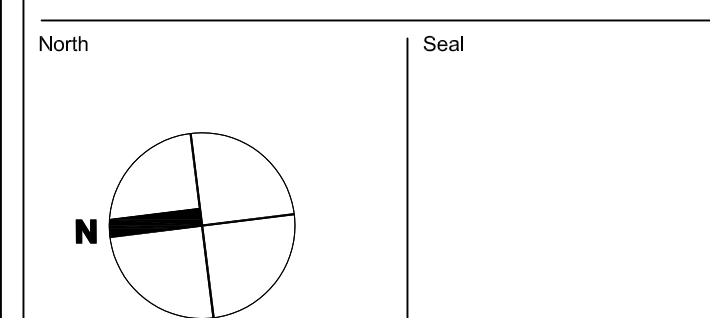
Surveying and Civil Engineering  
Langan Engineering  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
MKW & Associates  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
Intertech Associates, Inc.  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
Hopkins Food Service  
Specialists, Inc.  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
Code Consultants, Inc.  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



NOTE:  
REFER TO G-004 FOR REFLECTED CEILING PLAN  
LEGEND AND SYMBOLS.  
ALL CEILING TILES ARE ACT-01 UNLESS OTHERWISE  
NOTED.  
ALL GWB CEILING WITH PT-02 FINISH, UNLESS  
OTHERWISE NOTED, REFER TO A-100 SERIES FLOOR  
PLANS FOR ROOM FINISHES.  
REFER TO 'EL' SERIES DRAWINGS FOR LIGHTING  
DESIGNATIONS.  
REFER TO A-419 AND A-420 FOR TYPICAL ACT  
LAYOUTS AND REFLECTED CEILING PLAN DETAILS.  
ALL MEP SYSTEMS SUPPORTED BY GALVANIZED  
SLOTTED CHANNEL HANGERS AS REQUIRED. REFER TO  
SPECIFICATIONS FOR DETAILS.



**1** GROUND FLOOR REFLECTED CEILING PLAN - AREA B  
SCALE: (N) 1/8" = 1'

| No. | Date       | Issue          |
|-----|------------|----------------|
| 1   | JUL 13, 12 | ISSUED FOR BID |

**GROUND FLOOR  
REFLECTED CEILING  
PLAN**

**PART B**

Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009  
Scale:  
1/8" = 1'-0"  
SOF 205 NC:  
209065  
Filename:  
A-401B.dwg

**A-401B**

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

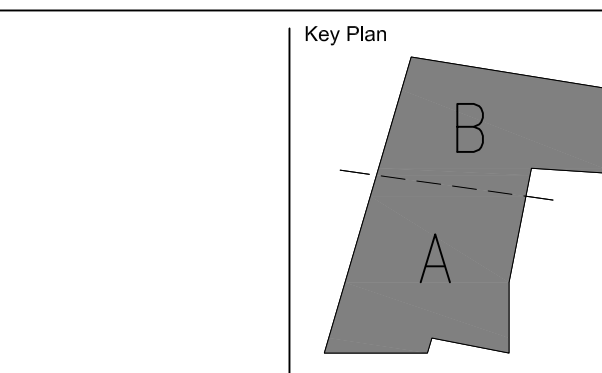
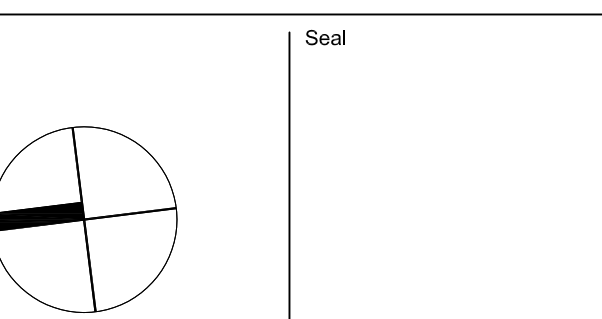
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



| No. | Date       | Issue          |
|-----|------------|----------------|
| 1   | JUL 13, 12 | ISSUED FOR BID |

Sheet Name:

**SECOND FLOOR  
REFLECTED  
CEILING KEY PLAN**

Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009

Scale:  
1/16" = 1'-0"  
SOM No.:  
209065  
File Name:  
A-402.dwg

**A-402**



**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical and Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

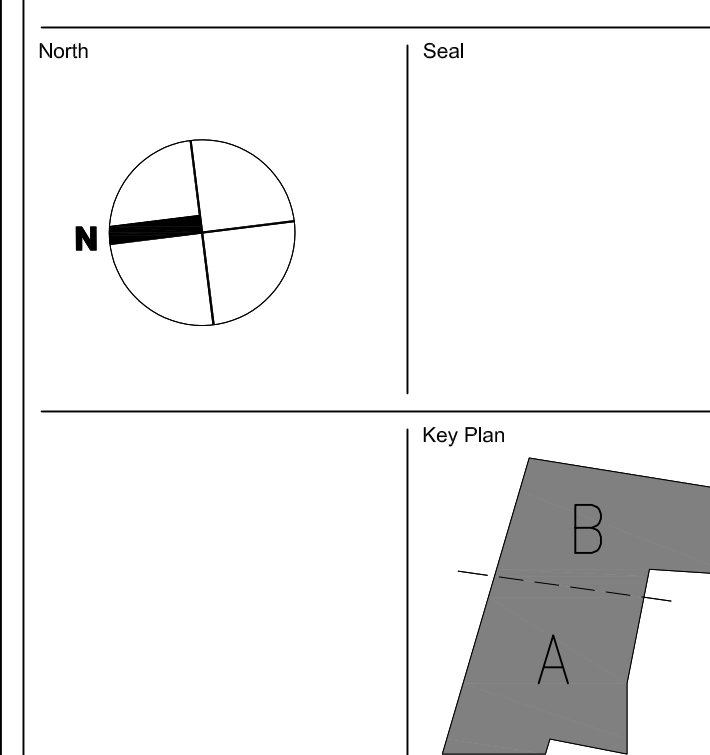
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



NOTE:  
REFER TO G-004 FOR REFLECTED CEILING PLAN  
LEGEND AND SYMBOLS.  
ALL CEILING TILES ARE ACT-01 UNLESS OTHERWISE  
NOTED.  
ALL GWB CEILING WITH PT-02 FINISH, UNLESS  
OTHERWISE NOTED, REFER TO A-100 SERIES FLOOR  
PLANS FOR ROOM FINISHES.  
REFER TO 'EL' SERIES DRAWINGS FOR LIGHTING  
DESIGNATIONS.  
REFER TO A-419 AND A-420 FOR TYPICAL ACT  
LAYOUTS AND REFLECTED CEILING PLAN DETAILS.  
ALL MEP SYSTEMS SUPPORTED BY GALVANIZED  
SLOTTED CHANNEL HANGERS AS REQUIRED. REFER TO  
SPECIFICATIONS FOR DETAILS.



**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

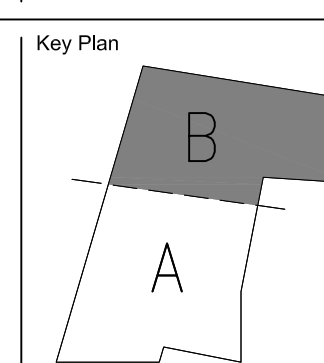
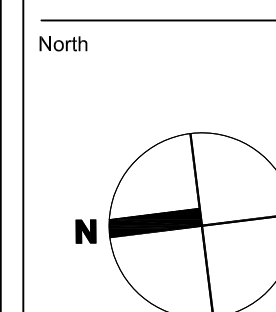
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



NOTE:  
REFER TO G-004 FOR REFLECTED CEILING PLAN  
LEGEND AND SYMBOLS.  
ALL CEILING TILES ARE ACT-01 UNLESS OTHERWISE  
NOTED.  
ALL GWB CEILING WITH PT-02 FINISH, UNLESS  
OTHERWISE NOTED, REFER TO A-100 SERIES FLOOR  
PLANS FOR ROOM FINISHES.  
REFER TO 'EL' SERIES DRAWINGS FOR LIGHTING  
DESIGNATIONS.  
REFER TO A-419 AND A-420 FOR TYPICAL ACT  
LAYOUTS AND REFLECTED CEILING PLAN DETAILS.  
ALL MEP SYSTEMS SUPPORTED BY GALVANIZED  
SLOTTED CHANNEL HANGERS AS REQUIRED. REFER TO  
SPECIFICATIONS FOR DETAILS.



|     |            |                |
|-----|------------|----------------|
| 1   | JUL 13, 12 | ISSUED FOR BID |
| No. | Date       | Issue          |

**SECOND FLOOR  
REFLECTED CEILING  
CEILING PLAN**

**PART B**  
Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009  
Scale:  
1/8" = 1'-0"  
SOM 205 No.:  
209065  
File Name:  
A-401B.dwg

**A-402B**

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

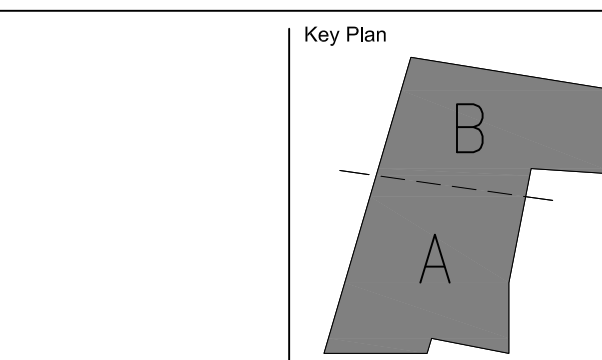
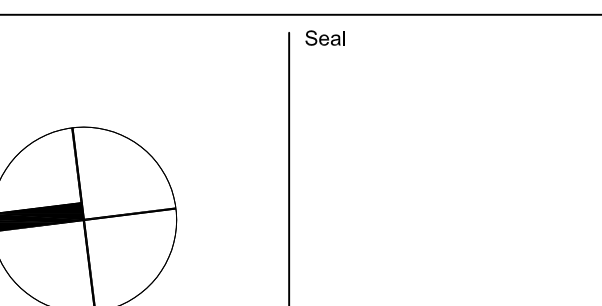
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



| No. | Date       | Issue          |
|-----|------------|----------------|
| 1   | JUL 13, 12 | ISSUED FOR BID |

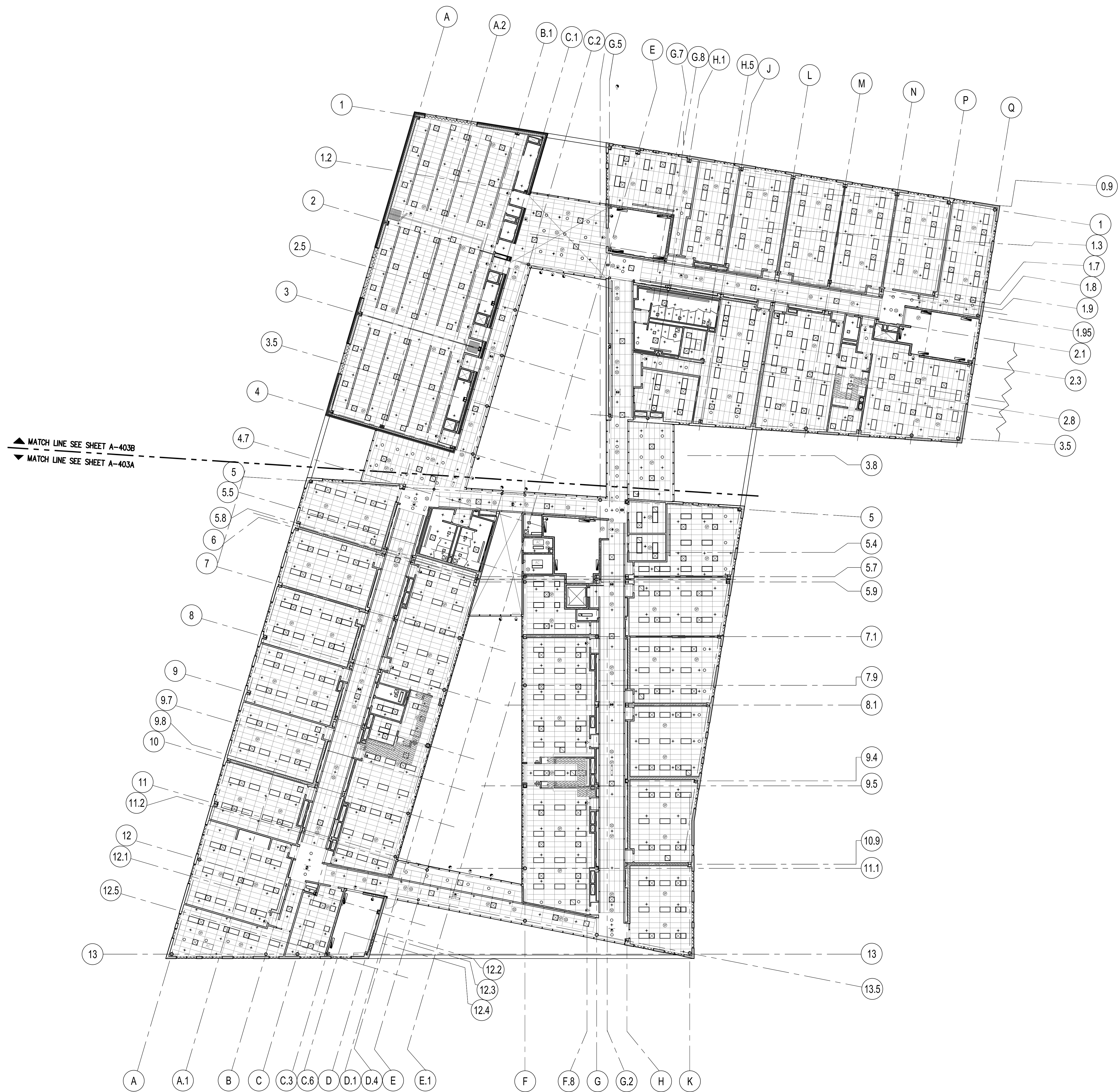
Sheet Name:

**THIRD FLOOR  
REFLECTED  
CEILING KEY PLAN**

Copyright, Skidmore, Owings & Merrill Architects, LLP 2009

Scale:  
1/16"=1'-0"  
SOF 200 No.:  
209065  
File Name:  
A-402.dwg

**A-403**



**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 943-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

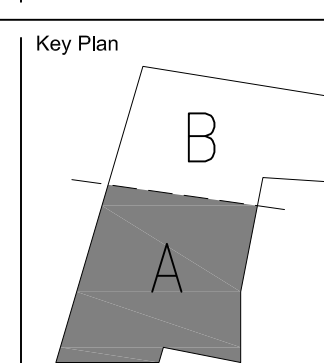
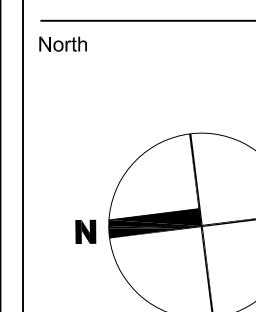
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



NOTE:  
REFER TO G-004 FOR REFLECTED CEILING PLAN  
LEGEND AND SYMBOLS.  
ALL CEILING TILES ARE ACT-01 UNLESS OTHERWISE  
NOTED.  
ALL GWB CEILING WITH PT-02 FINISH, UNLESS  
OTHERWISE NOTED, REFER TO A-100 SERIES FLOOR  
PLANS FOR ROOM FINISHES.  
REFER TO 'EL' SERIES DRAWINGS FOR LIGHTING  
DESIGNATIONS.  
REFER TO A-419 AND A-420 FOR TYPICAL ACT  
LAYOUTS AND REFLECTED CEILING PLAN DETAILS.  
ALL MEP SYSTEMS SUPPORTED BY GALVANIZED  
SLOTTED CHANNEL HANGERS AS REQUIRED. REFER TO  
SPECIFICATIONS FOR DETAILS.

1 JUL 13, 12 ISSUED FOR BID  
No. Date Issue

THIRD FLOOR  
REFLECTED  
CEILING PLAN

AREA A

Copyright, Skidmore, Owings & Merrill Architects, LLP 2009  
Date: Sheet No.:

SCALE:  
1/8" = 1'-0"  
SHEET NO.:  
209065  
REVISION:

A-403A

1 THIRD FLOOR REFLECTED CEILING PLAN - AREA A  
SCALE: (N) 1/8" = 1'

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
Bovis Lend Lease  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
Consulting Engineers  
Collaborative, Inc.  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
Concord Engineering Group, Inc.  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

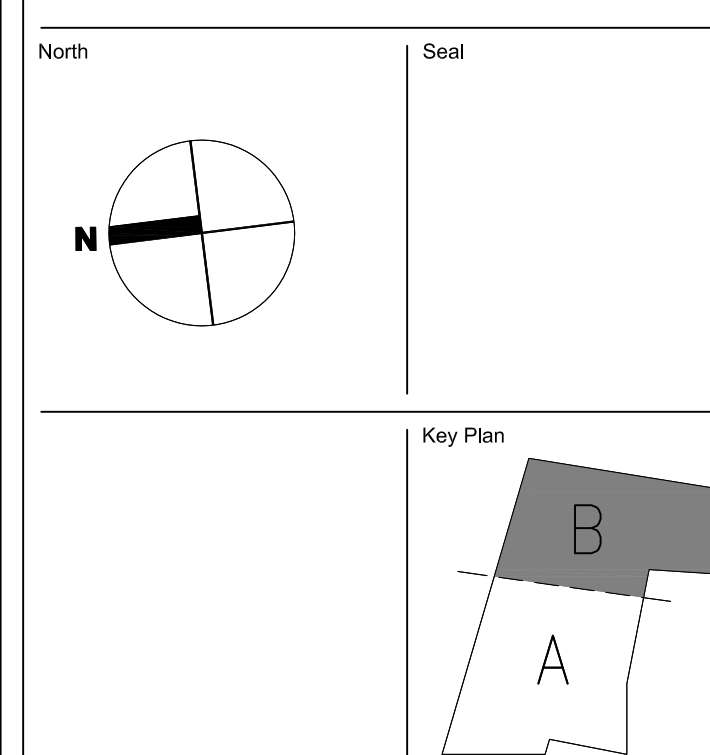
Surveying and Civil Engineering  
Langan Engineering  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
MKW & Associates  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
Intertech Associates, Inc.  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
Hopkins Food Service  
Specialists, Inc.  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
Code Consultants, Inc.  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



NOTE:  
REFER TO G-004 FOR REFLECTED CEILING PLAN  
LEGEND AND SYMBOLS.  
ALL CEILING TILES ARE ACT-01 UNLESS OTHERWISE  
NOTED.  
ALL GWB CEILING WITH PT-02 FINISH, UNLESS  
OTHERWISE NOTED, REFER TO A-100 SERIES FLOOR  
PLANS FOR ROOM FINISHES.  
REFER TO 'EL' SERIES DRAWINGS FOR LIGHTING  
DESIGNATIONS.  
REFER TO A-419 AND A-420 FOR TYPICAL ACT  
LAYOUTS AND REFLECTED CEILING PLAN DETAILS.  
ALL MEP SYSTEMS SUPPORTED BY GALVANIZED  
SLOTTED CHANNEL HANGERS AS REQUIRED. REFER TO  
SPECIFICATIONS FOR DETAILS.



**1** THIRD FLOOR REFLECTED CEILING PLAN - AREA B  
SCALE: (N) 1/8" = 1'

|                                                            |            |       |
|------------------------------------------------------------|------------|-------|
| 1 JUL 13, 12 ISSUED FOR BID                                |            |       |
| No.                                                        | Date       | Issue |
| Sheet Name:                                                |            |       |
| <b>THIRD FLOOR<br/>REFLECTED CEILING<br/>PLAN</b>          |            |       |
| <b>PART B</b>                                              |            |       |
| Copyright, Skidmore, Owings & Merrill Architects, LLP 2009 |            |       |
| Scale:                                                     | Sheet No.: |       |
| 1/8" = 1'-0"                                               | 209065     |       |
| Filename: A-403B.dwg                                       |            |       |

**A-403B**

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
**State of New Jersey Schools  
Development Authority**  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

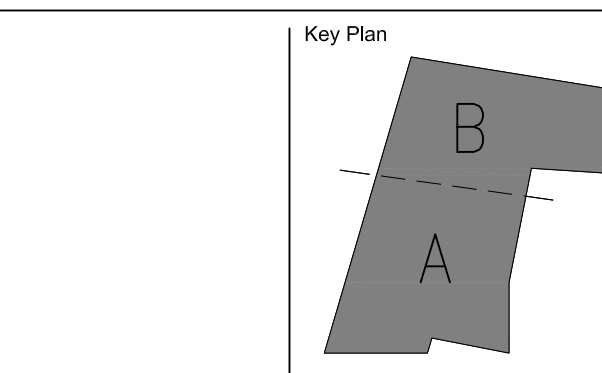
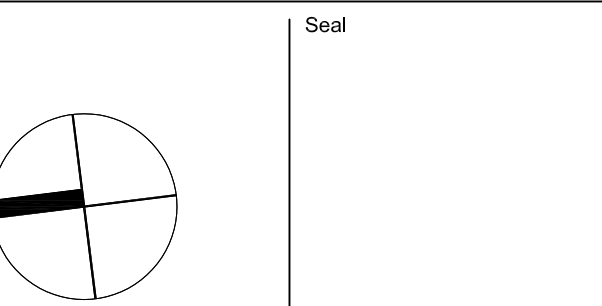
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



|     |            |                |
|-----|------------|----------------|
| 1   | JUL 13, 12 | ISSUED FOR BID |
| No. | Date       | Issue          |

Sheet Name:

**FOURTH FLOOR  
REFLECTED  
CEILING KEY PLAN**

Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009

Scale:  
1/16" = 1'-0"  
SOM Job No.:  
209065  
File Name:  
A-404.dwg

**A-404**



▲ MATCH LINE SEE SHEET A-404B  
▼ MATCH LINE SEE SHEET A-404A

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

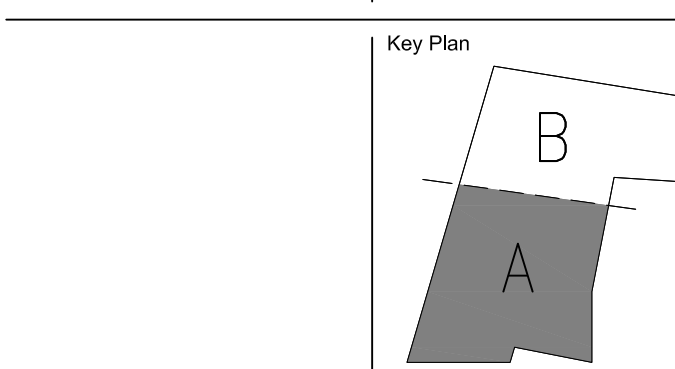
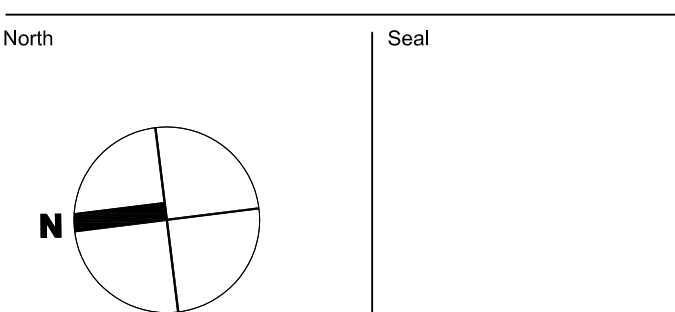
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



NOTE:  
REFER TO G-004 FOR REFLECTED CEILING PLAN  
LEGEND AND SYMBOLS.  
ALL CEILING TILES ARE ACT-01 UNLESS OTHERWISE  
NOTED.  
ALL GWB CEILING WITH PT-02 FINISH, UNLESS  
OTHERWISE NOTED, REFER TO A-100 SERIES FLOOR  
PLANS FOR ROOM FINISHES.  
REFER TO 'EL' SERIES DRAWINGS FOR LIGHTING  
DESIGNATIONS.  
REFER TO A-419 AND A-420 FOR TYPICAL ACT  
LAYOUTS AND REFLECTED CEILING PLAN DETAILS.  
ALL MEP SYSTEMS SUPPORTED BY GALVANIZED  
SLOTTED CHANNEL HANGERS AS REQUIRED. REFER TO  
SPECIFICATIONS FOR DETAILS.

1 JUL 13, 12 ISSUED FOR BID  
No. Date Issue  
Sheet Name:

**FOURTH FLOOR  
REFLECTED  
CEILING PLAN**

**AREA A**

Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009  
Scale:  
1/16" = 1'-0"  
SOM 255 No.:  
209065  
P/E: [signature]

**A-404A**



**1** FOURTH FLOOR REFLECTED CEILING PLAN - PART A  
SCALE: (N) 1/8" = 1'

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
State of New Jersey Schools  
Development Authority  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

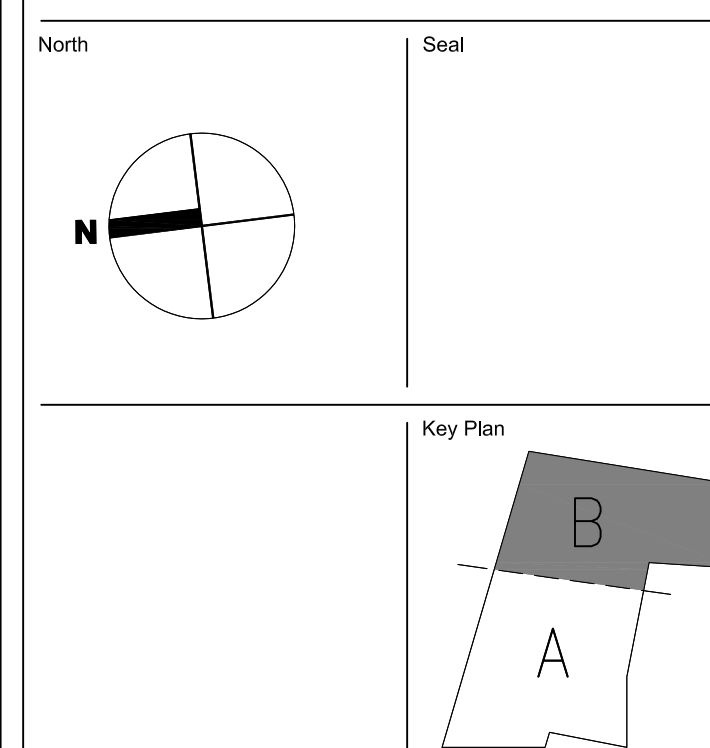
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



1 JUL 13, 12 ISSUED FOR BID

No. Date Issue

Sheet Name:

**FOURTH FLOOR  
REFLECTED CEILING  
CEILING PLAN**

**PART B**

Copyright, Skidmore, Owings & Merrill Architects, LLP 2009

Date: Sheet No.:

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

SDM 2006 No.:

209065

Filename: A-404B.dwg

**A-404B**



NOTE:  
REFER TO G-004 FOR REFLECTED CEILING PLAN  
LEGEND AND SYMBOLS.  
ALL CEILING TILES ARE ACT-01 UNLESS OTHERWISE  
NOTED.  
ALL GWB CEILING WITH PT-02 FINISH, UNLESS  
OTHERWISE NOTED. REFER TO A-100 SERIES FLOOR  
PLANS FOR ROOM FINISHES.  
REFER TO 'EL' SERIES DRAWINGS FOR LIGHTING  
DESIGNATIONS.  
REFER TO A-419 AND A-420 FOR TYPICAL ACCT  
LAYOUTS AND REFLECTED CEILING PLAN DETAILS.  
ALL MEP SYSTEMS SUPPORTED BY GALVANIZED  
SLOTTED CHANNEL HANGERS AS REQUIRED. REFER TO  
SPECIFICATIONS FOR DETAILS.

**1 FOURTH FLOOR REFLECTED CEILING PLAN - AREA B**  
SCALE: (N) 1/8" = 1'

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
**State of New Jersey Schools  
Development Authority**  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

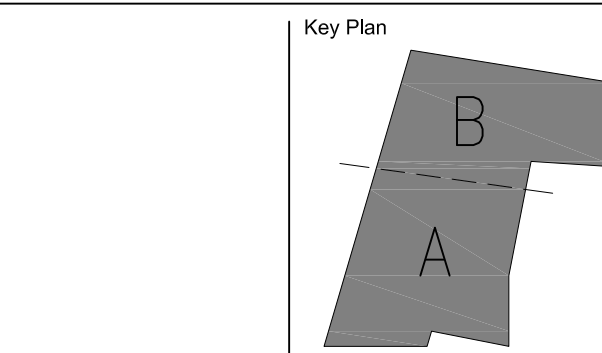
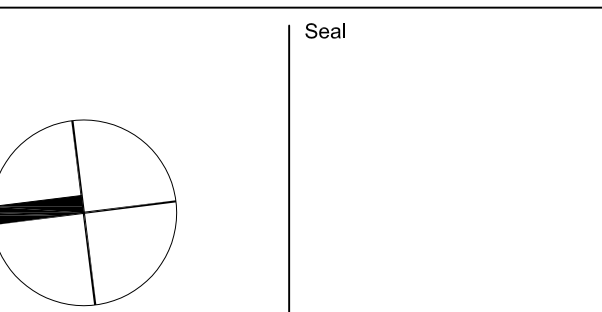
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



1 JUL 13, 12 ISSUED FOR BID

No. Date Issue

Sheet Name:

**SECOND FLOOR  
REFLECTED  
CEILING PLAN**

**AUDITORIUM**

Copyright, Skidmore, Owings & Merrill Architects, LLP 2009

Date: Sheet No.:

Scale:  
AS NOTED

SOM 255 No.:

209065

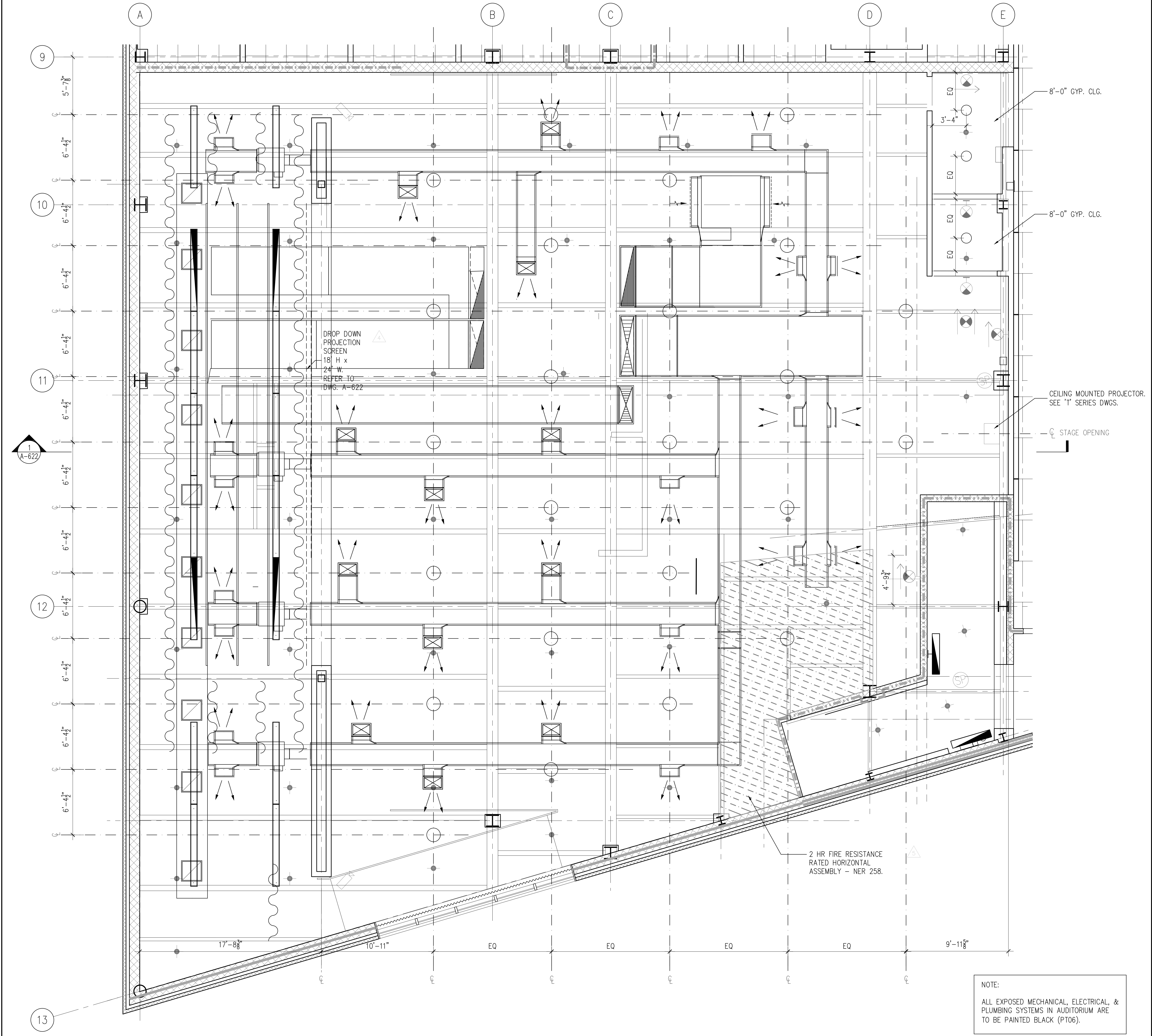
File Name:

A-405.dwg

**A-405**

1 NOT USED  
SCALE:

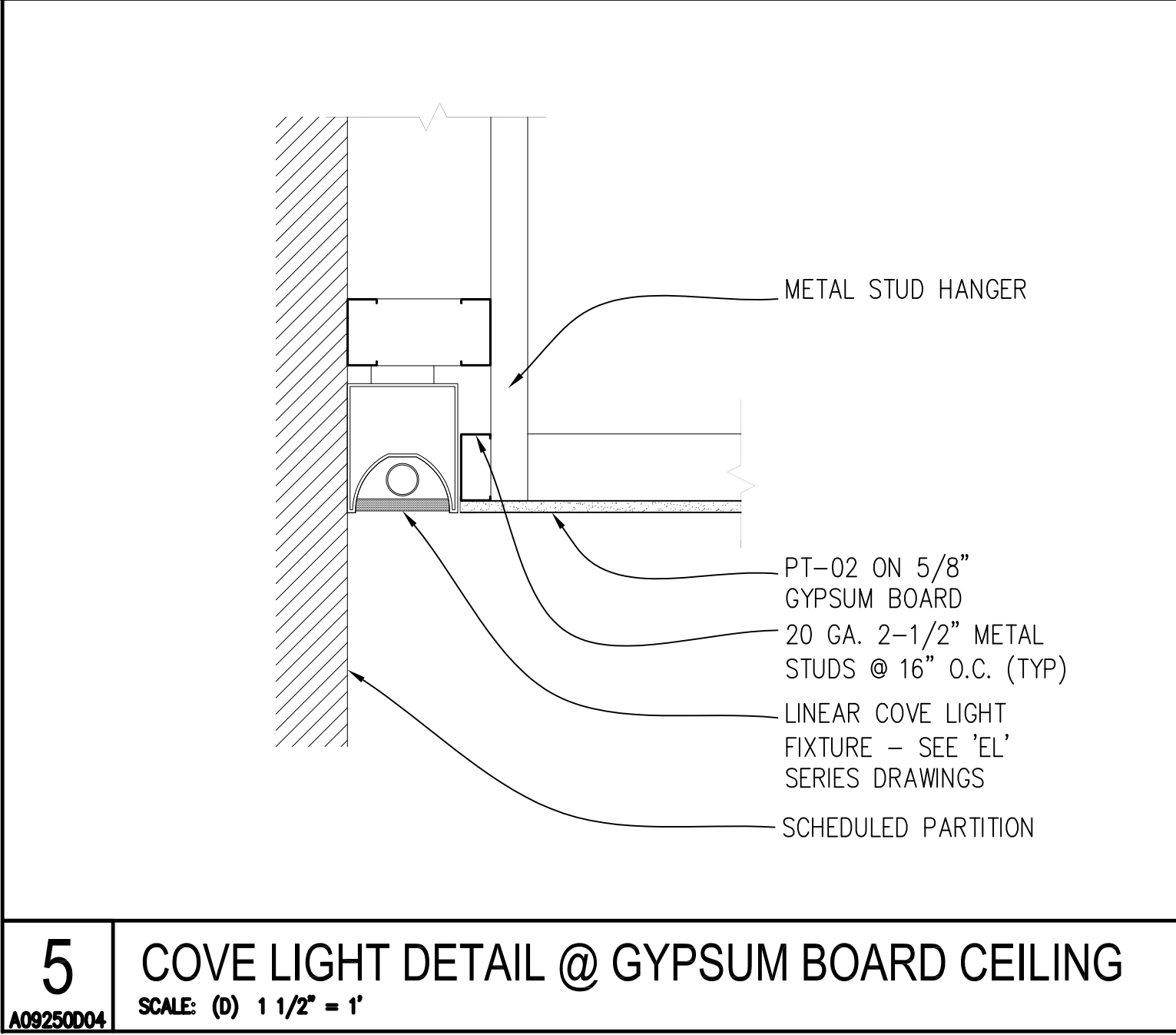
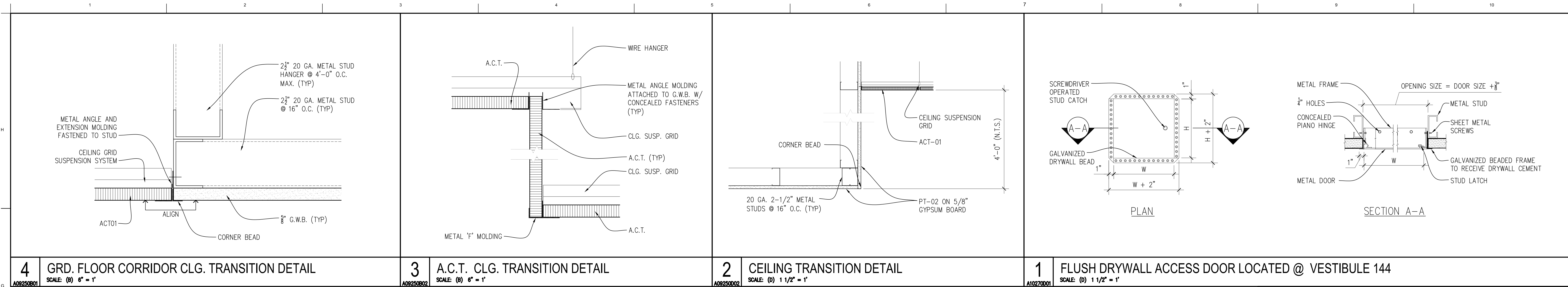
AS SHOWN



NOTE:  
ALL EXPOSED MECHANICAL, ELECTRICAL, &  
PLUMBING SYSTEMS IN AUDITORIUM ARE  
TO BE PAINTED BLACK (PT06).

2 AUDITORIUM CEILING  
SCALE: (A) 1/4" = 1'

AS SHOWN



**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
**State of New Jersey Schools  
Development Authority**  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 941-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

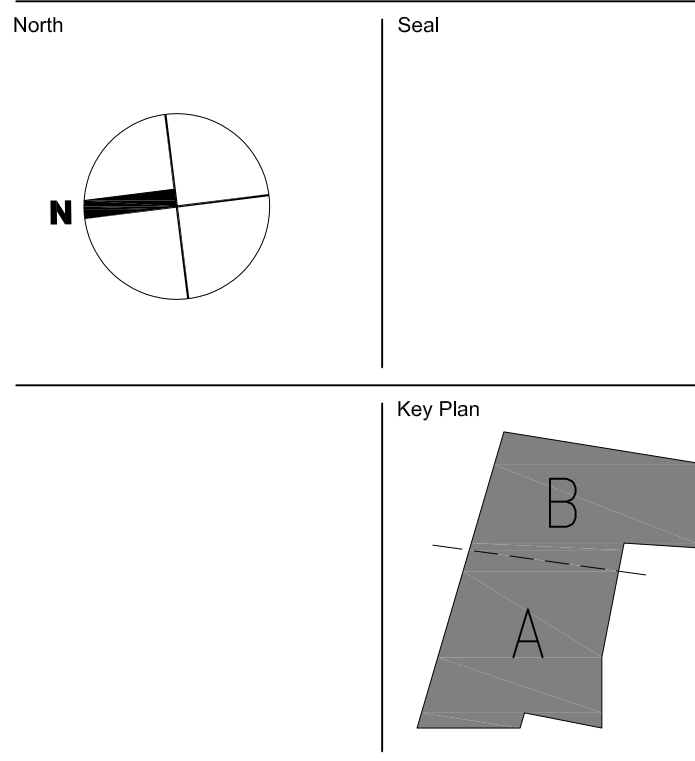
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



|     |            |                |
|-----|------------|----------------|
| 1   | JUL 13, 12 | ISSUED FOR BID |
| No. | Date       | Issue          |

Sheet Name:  
**REFLECTED CEILING  
PLAN  
DETAILS**

Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009  
Scale:  
1 1/2"=1'-0"  
SOM Job No.:  
209065  
File Name:  
A-419.DWG

**A-419**

**SDA**  
NJ Schools Development Authority  
**ELIZABETH  
ACADEMIC HIGH  
SCHOOL**

Owner  
**State of New Jersey Schools  
Development Authority**  
1 West State Street  
Trenton, NJ 08625  
(609) 943-5955

Project Management  
**Bovis Lend Lease**  
821 Alexander Road  
Princeton, NJ 08540  
(609) 951-0500

Architect  
**SOM**  
SKIDMORE, OWINGS & MERRILL PA  
14 Wall Street  
New York, NY 10005  
(212) 298-9300

Structural Engineering  
**Consulting Engineers  
Collaborative, Inc.**  
730 Boulevard  
Kenilworth, NJ 07033  
(908) 298-1600

Mechanical & Electrical Engineering  
Plumbing and Fire Protection  
**Concord Engineering Group, Inc.**  
520 South Burnt Mill Road  
Voorhees, NJ 08043  
(856) 427-0200

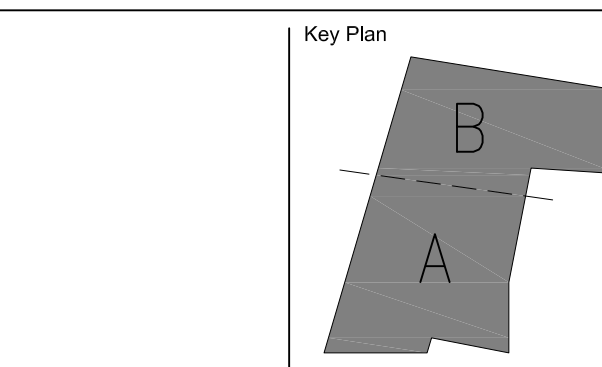
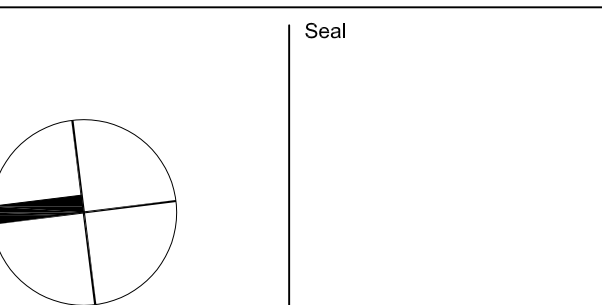
Surveying and Civil Engineering  
**Langan Engineering**  
River Drive Center 1  
Elmwood Park, NJ 07407  
(201) 794-6900

Landscape Design  
**MKW & Associates**  
39 Park Avenue  
Rutherford, NJ 07070  
(201) 933-7809

Information Technology  
**Intertech Associates, Inc.**  
77-55 Schanck Road  
Suite A-14  
Freehold, NJ 07728  
(732) 431-4236

Food Service Consultants  
**Hopkins Food Service  
Specialists, Inc.**  
27 West 24th Street  
New York, NY 10010  
(301) 320-9200

Fire Protection and Life Safety  
**Code Consultants, Inc.**  
330 West 38th Street  
New York, NY 10018  
(212) 216-9596



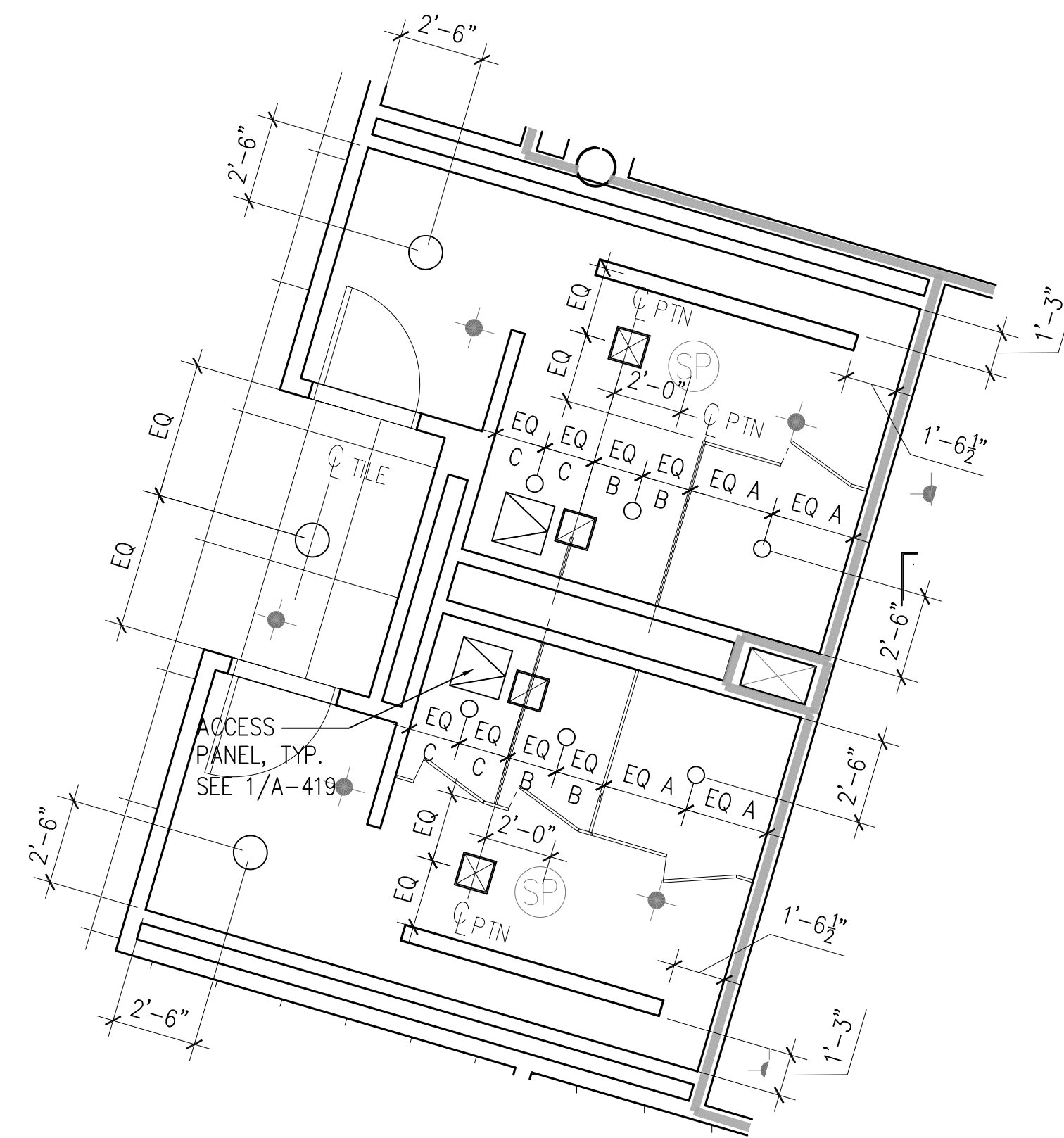
1 JUL 13, 12 ISSUED FOR BID  
No. Date Issue

**REFLECTED  
CEILING  
PLAN  
DETAILS**

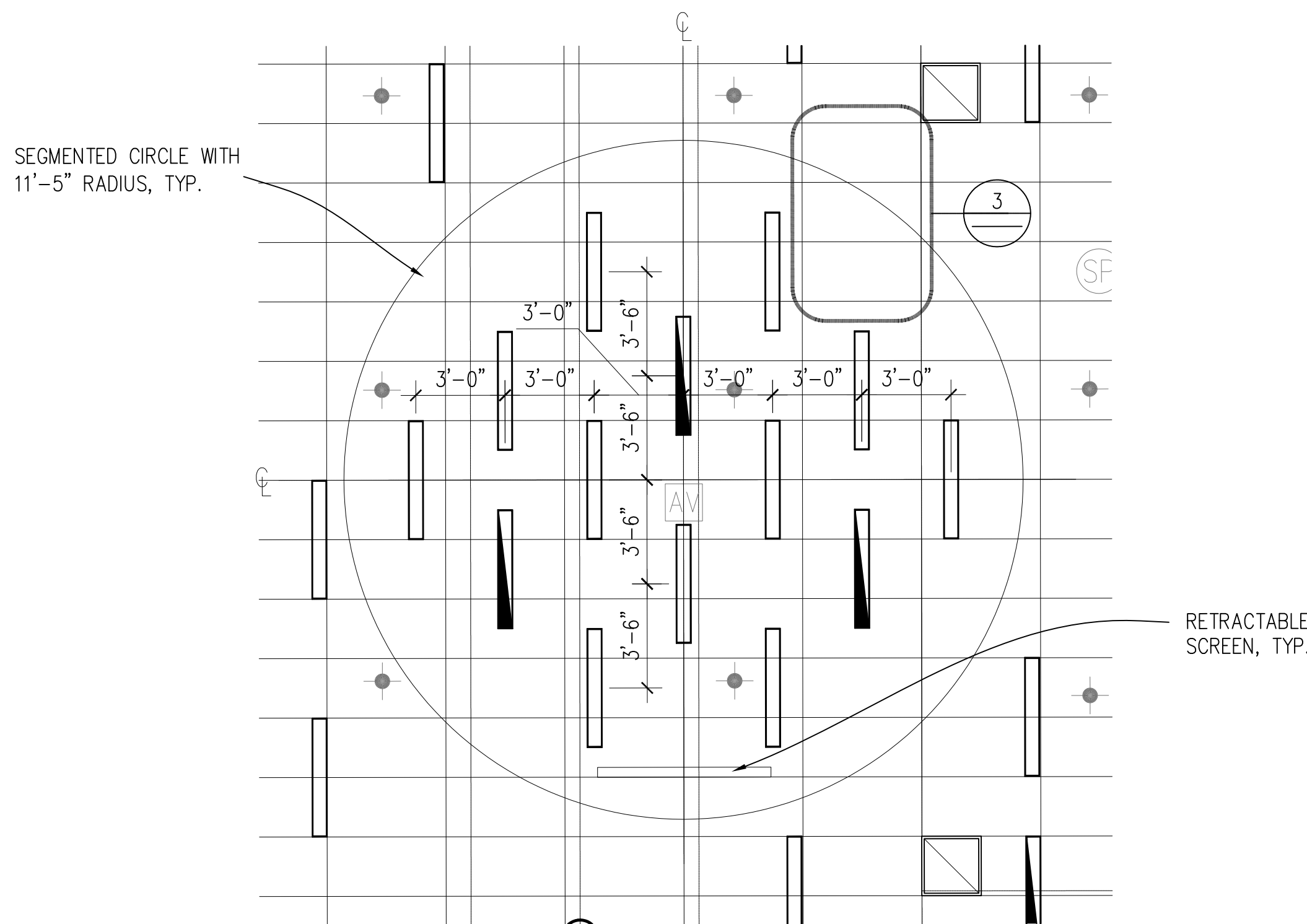
Copyright, Skidmore, Owings & Merrill Architects, LLP, 2009  
Date: Sheet No.:

Scale:  
AS NOTED  
SOM 205 No.:  
209065  
PFR No.:  
A-420.dwg

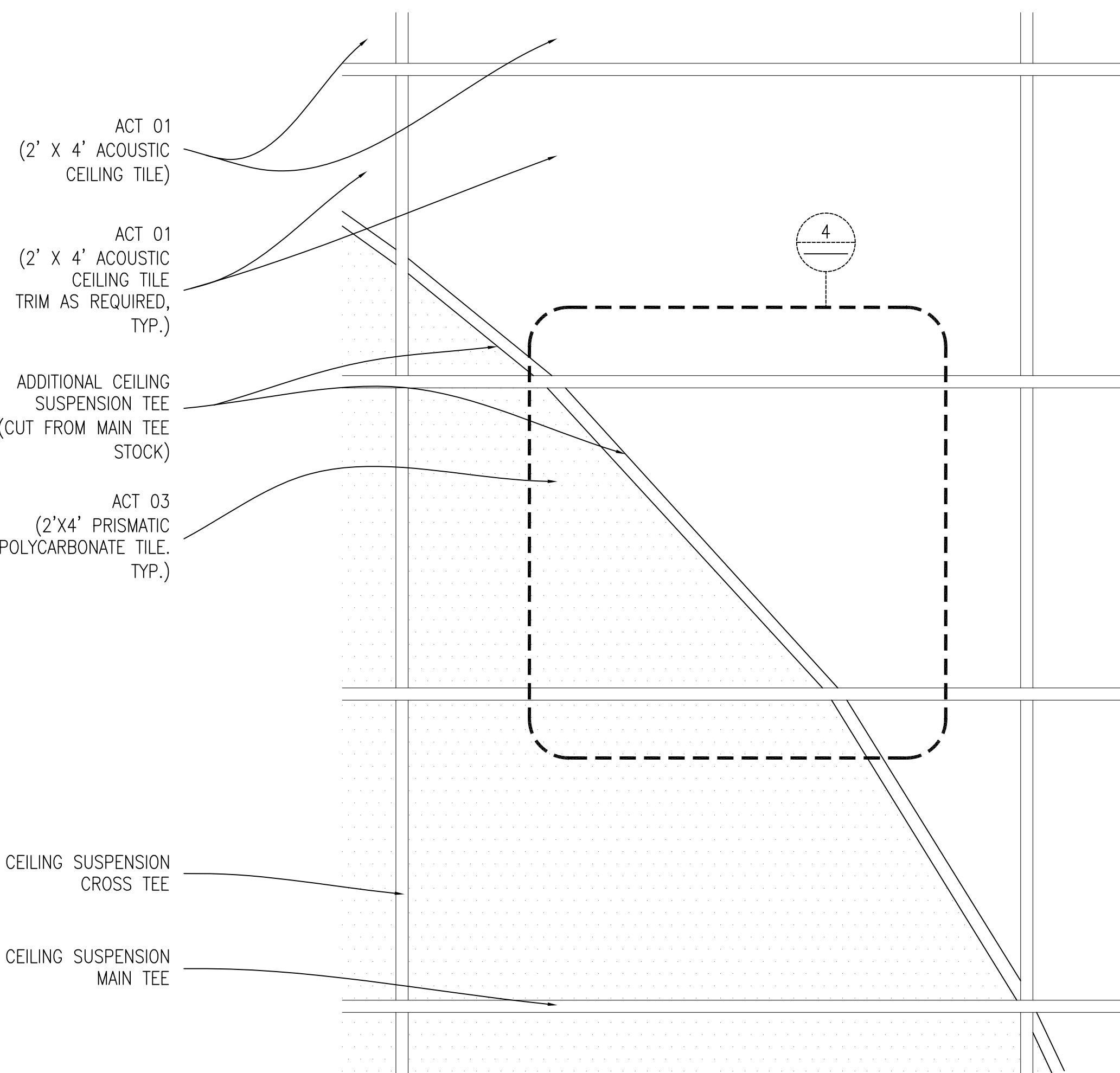
**A-420**



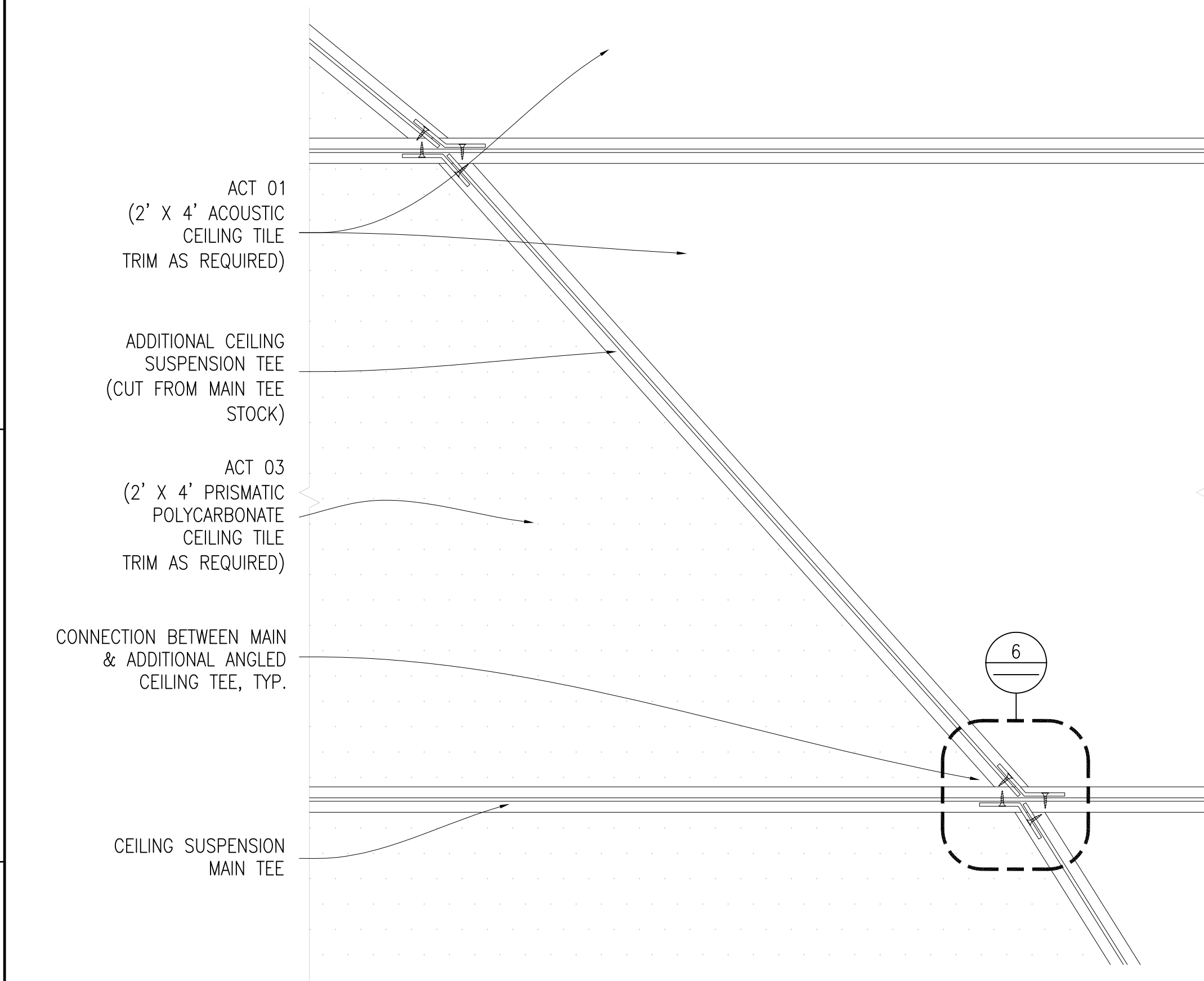
**1 TYPICAL TOILET ROOM DETAIL - REFLECTED CEILING PLAN**  
SCALE: (A) 1/4" = 1'



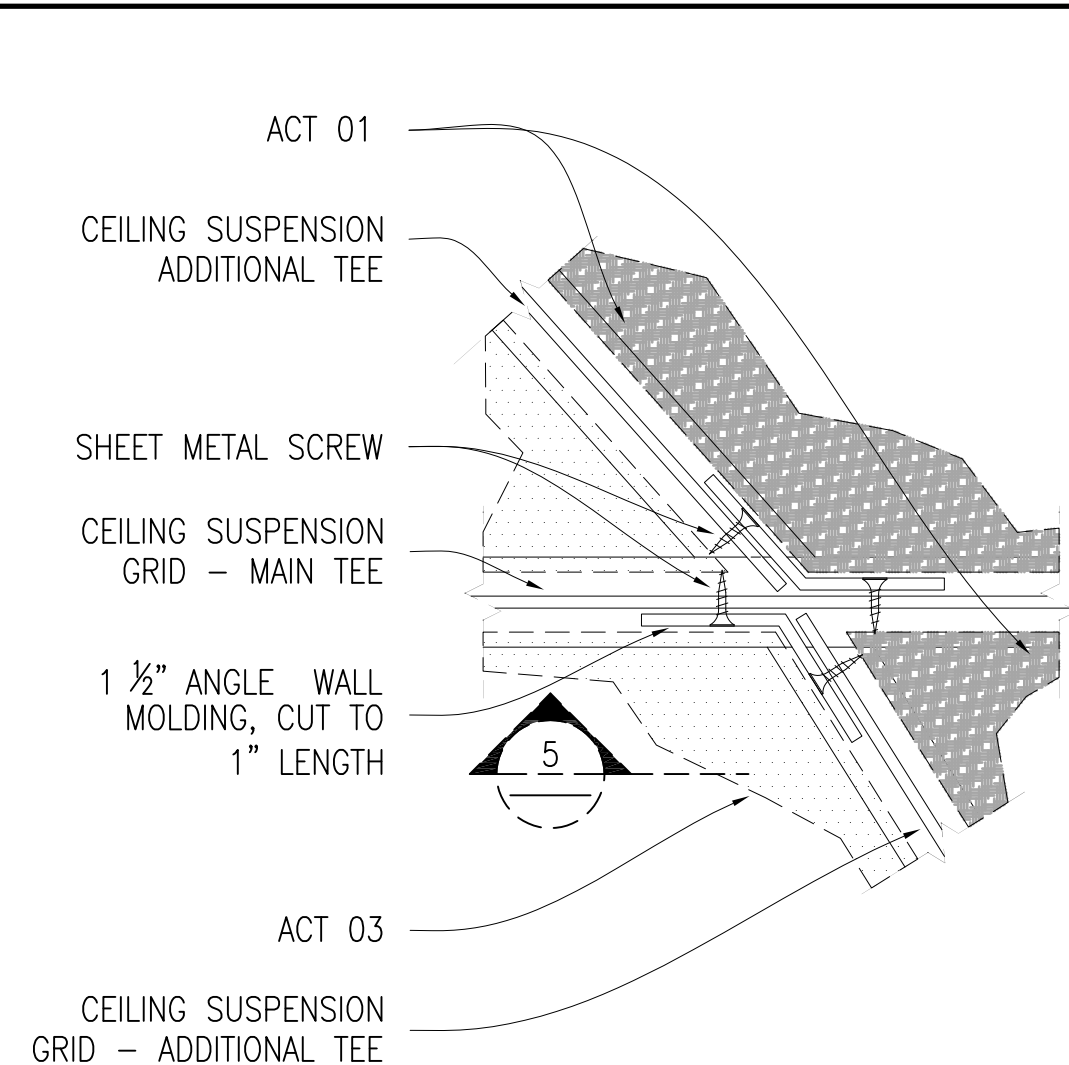
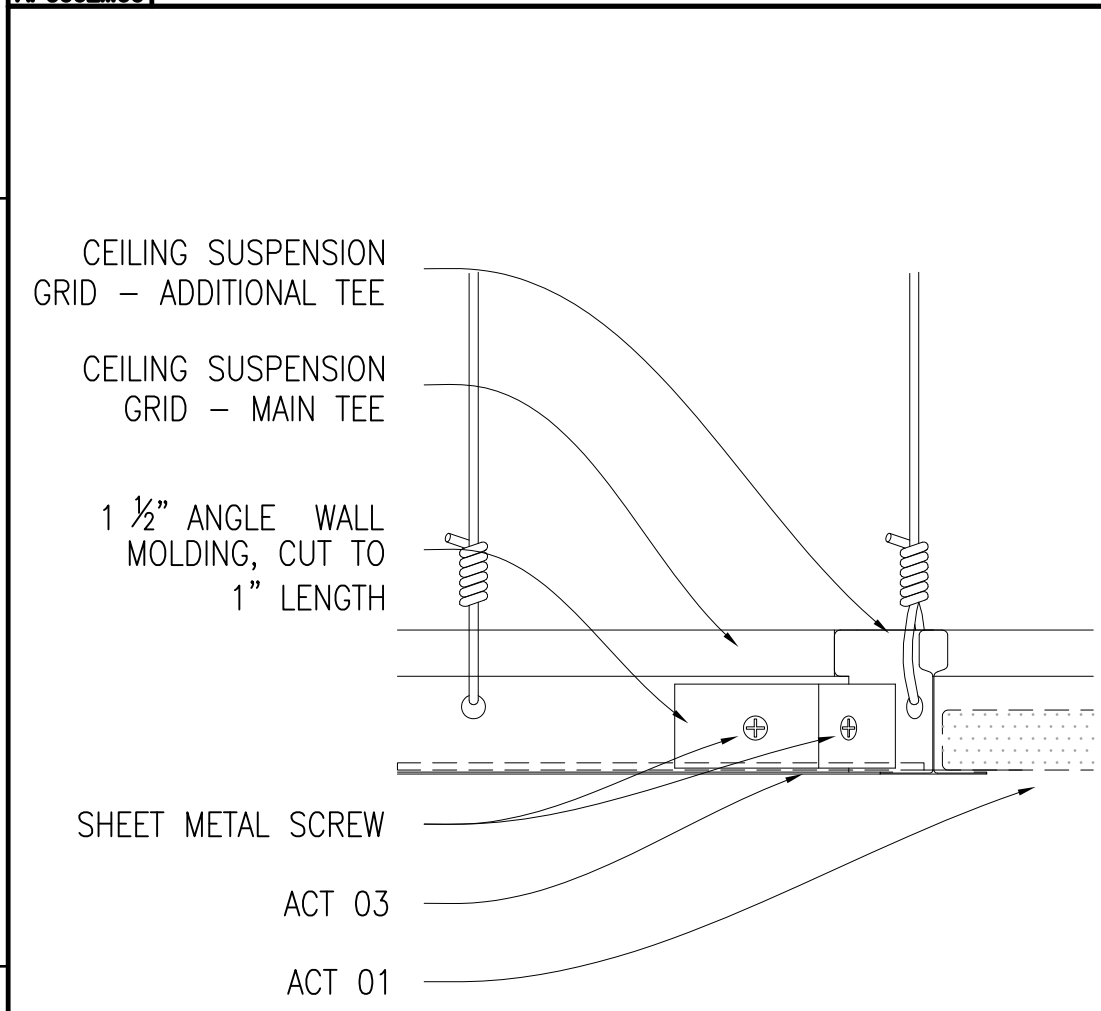
**2 MEDIA CENTER DETAIL - REFLECTED CEILING PLAN**  
SCALE: (A) 1/4" = 1'



**3 MEDIA CENTER DETAIL - REFLECTED CEILING PLAN**  
SCALE: (B) 1 1/2" = 1'

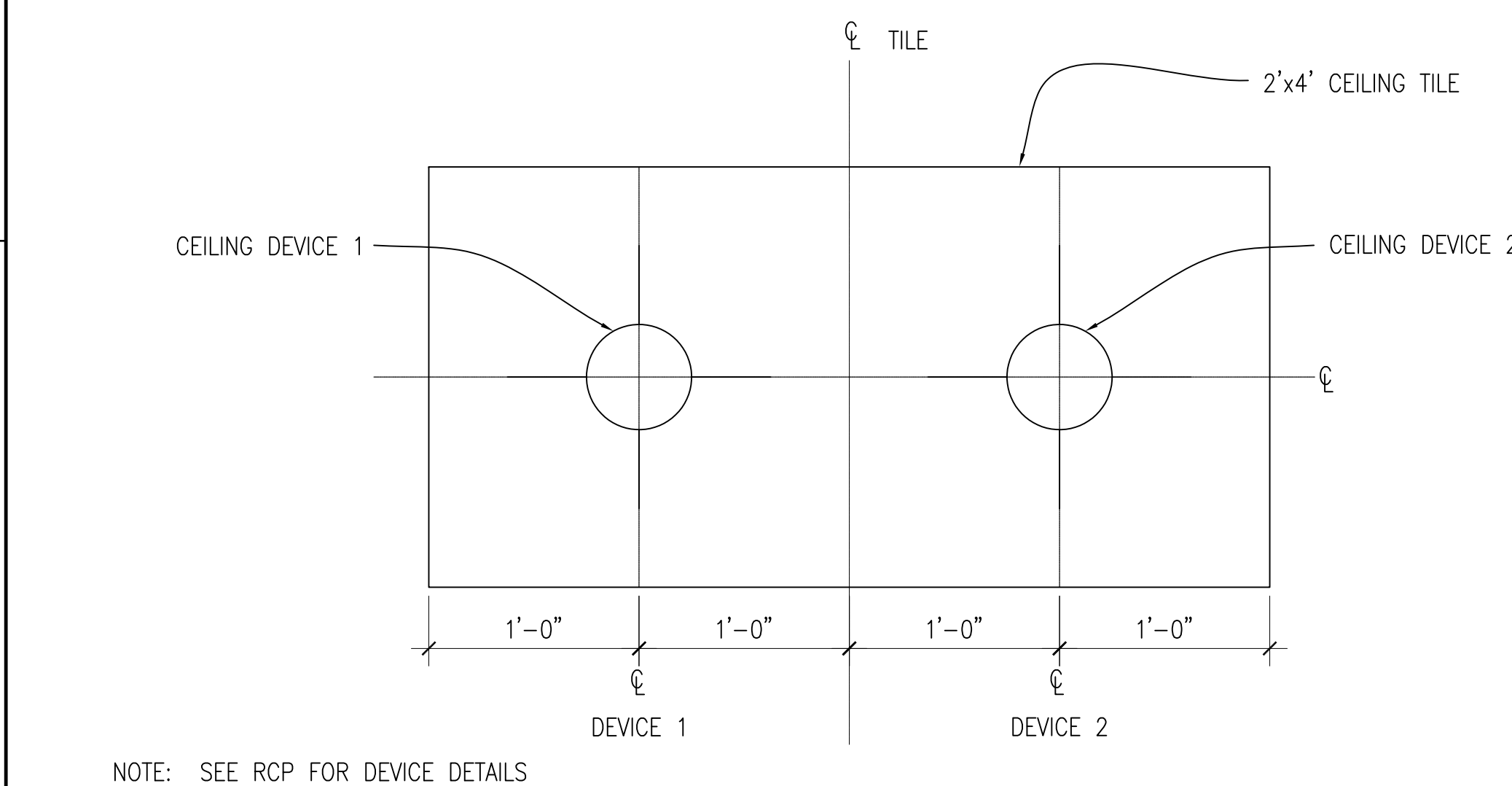


**4 CEILING SUSPENSION SYSTEM PLAN DETAIL (FROM ABOVE)**  
SCALE: (B) 3" = 1'

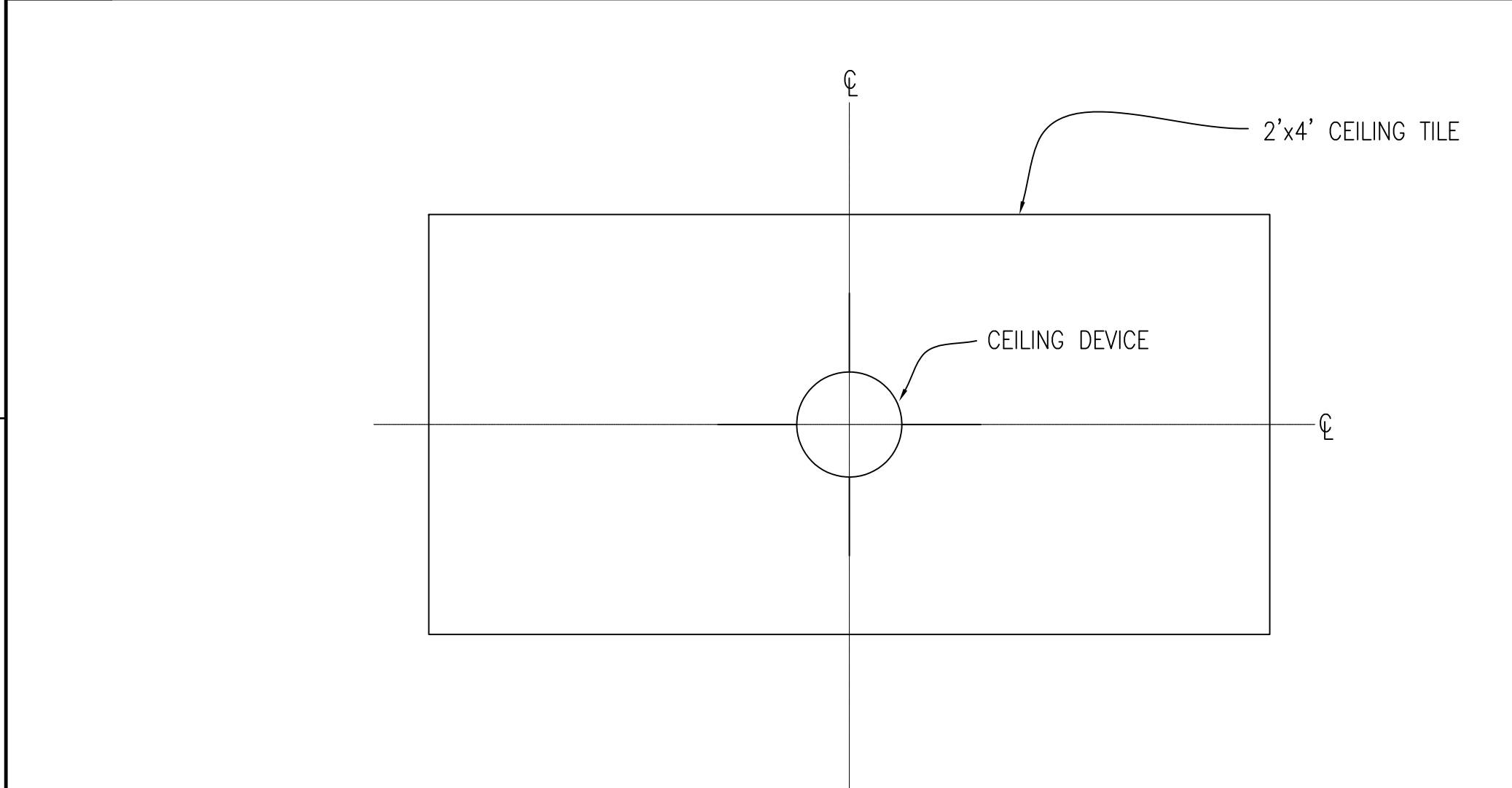


**5 SECTION DETAIL**  
SCALE: (B) 6" = 1'

**6 PLAN DETAIL**  
SCALE: (B) 6" = 1'



**7 TYPICAL ACOUSTIC CEILING TILE LAYOUT 1**  
SCALE: (B) 1 1/2" = 1'



**8 TYPICAL ACOUSTIC CEILING TILE LAYOUT 2**  
SCALE: (B) 1 1/2" = 1'

**3 MEDIA CENTER DETAIL - REFLECTED CEILING PLAN**  
SCALE: (B) 1 1/2" = 1'