

ADDENDUM NO. 4

PROJECT NAME: UNL Devaney Sports Center Improvements
UNL PROJECT NUMBER: C100P098

Design Professionals:

Sinclair Hille Architects – Architects
Engineering Technologies, Inc. – Mechanical/Electrical Engineers
Nielsen-Baumert Engineering – Structural Engineers
Erhart Griffin & Associates – Civil Engineering
Wrightson, Johnson, Haddon, & Williams Inc. – Audio/Visual Consultant

DATE OF ISSUANCE: Wednesday, April 11, 2012

DATE OF BID OPENING: Wednesday, April 18, 2012

The bid documents dated March 21, 2012 for the above referenced project are amended by this addendum.

NOTICE: This Addendum is issued to all interested prospective bidders as an amendment to the project manual or other parts of the bidding (contract) documents for the above named project. Reference to this Addendum must be included in the Bid proposal. The information contained herein shall be fully incorporated into the contract documents as though originally included therein.

GENERAL CLARIFICATIONS

1. DEVANEY CENTER INSPECTION—Due to requests, the Devaney Center will be open for inspection by bidders on Monday April 16, 2012 from 1:00 PM to 4:00 PM. This will be for viewing purposes. No questions can be answered.
2. EXISTING CONCOURSE FLOOR LOAD—A question was asked regarding the load capacity of the existing south concourse floor slab. See Sheet S001-Note G1 that indicates the design live loads as listed on the original construction drawings.
3. ALTERNATE #1 ADD—This alternate is to provide modified restroom and concessions space on the west side of the concourse. The layout of the alternate is a mirror of the restroom and concession on the east side of the concourse. For CLARIFICATION we have attached a plan generally indicating the layout and room numbers for this alternate. Note that Club 280A shown on this alternate plan is to be bid as part of the Base Bid. (See Attachment)

QUESTIONS / ANSWERS

1. Q: Clarify the size, material, and color for countertops at Elevation H5/A503 (Women's Locker 183)?
A: This Lav does not require the skirt indicated. Add Section Cut A11/A604 to this elevation to indicate counter with integral sink. Top to be Zodiaq Indus Red with Glacier White sink bowl. This Elevation and Detail shall be the same in Men's Locker 191.
2. Q: Clarify color for the shower shelf for Room 183A?
A: Provide a shower shelf in all showers in the project. The shelf shall be solid surface, Corian "Designer White".

3. Q: Clarify the size, material, and color for countertops at Room 222A-Concessions (Detail N13/A504)?
A: The front counters shall be solid surface material, Corian "Silver Birch". The back counters shall be plastic laminate PL-4, Wilsonart 4779-60 "Pewter Brush". These are the materials for all concessions stands, new and existing, Base Bid and Alternate.
4. Q: Confirm STN-1 is to be used at the Suite Counters (Elevations F6, F11, and F13/A504), Lounge 320 (Elevation L8/A504) and Hospitality 186 (Elevation H1/A503)?
A: YES—and these are the only stone locations in the project.
5. Q: Need sizes for coiling doors. Only one door 171B.1 is on the door schedule. Need door sizes for concessions 222A, 234A and alternate 1: 282A and 264A, also arena area level A has door in receiving 136A, one on dock 134 A on exterior wall and another interior in Corridor 132 close to the receiving door that I think is the fire door?
A: See the Addendum Items below for Sections 083313 and 083323.
6. Q: What is pattern for tiles PCT-1 and PCT-3 in Shower 107BB?
A: The PCT-1 is for the floor area outside the shower—lay in an ashlar pattern running north-south. PCT-3 is for the floor inside the showers.
7. Q: What is pattern for tiles PCT-1 and PCT-2 in Toilet 341A?
A: See Enlarged Plan H6/A105. The PCT-1 is for the floor area outside the shower—lay in an ashlar pattern running north-south. PCT-2 is for the floor inside the showers.
8. Q: I understand UNL will handle the landscaping and seeding/sod work but is there a lawn irrigation system in the area? If so are we to figure replacement/reconfiguration of them or will UNL handle this?
A: Yes—there is a lawn irrigation system in the grass area around the Devaney Center. UNL will handle any lawn irrigation work unless indicated otherwise on the drawing.

MODIFICATIONS TO THE DRAWINGS

MECHANICAL / ELECTRICAL Modifications

1. See the Attached Mechanical / Electrical Addendum. (See Attachment)

Sheet A000.A

1. Per Addendum #3, the fire sprinkler needs to be installed in the corridor north of the existing Gymnastics Training Room. (This space is actually west of Corridor 166 and not shown on an Architectural Plan.) The existing ceiling is to be removed and replaced with a new ceiling APC-1.

Sheet A001.A

1. Where the existing NE Concessions rooms are removed, the existing concrete slab will need to be repaired to provide a finished surface. For these repairs, make a shallow (1/8") straight-line saw cut at the perimeter of the affected floor area (12" outside the perimeter of the concessions walls), to create an edge for the floor repair. Install a feather edge fill and patching material to cover the entire area within the saw cut lines to produce a consistent finish appearance. Finish surface with a concrete floor sealer—either transparent or opaque surface. Before beginning this work, prepare a mock-up of the repaired and finish surface for review and approval by the Owner.

Sheet A001.B

1. Where the existing SE Concessions rooms are removed, repair the concourse floor slab as described above in Item #1 for Sheet A001.A for the NE concessions rooms.

Sheet A100.A

1. At Concessions 156—replace the (2) existing coiling counter doors with new manual operated aluminum counter doors as specified in Section 083313. The doors are 13'-0" wide x 4'-0" high. (Field Verify actual opening size.)
2. Per Addendum #3, the fire sprinkler needs to be installed in the corridor north of the existing Gymnastics Training Room. (This space is actually west of Corridor 166 and not shown on an Architectural Plan.) The existing ceiling is to be removed and replaced with a new ceiling with APC-1.

Sheet A100.B

1. Refer to Hospitality 186. There is a keynote 102226.A indicating the operable partition. This partition requires structural support which can be provided by the slab above. Add a SHEET SPECIFIC NOTE 11 to read as follows:

“All mounting hardware for the operable partition system, including hanger brackets and hanger rods shall be furnished and installed by the Partition Manufacturer and/or General Contractor. Connect hanger rods to the underside of the Concourse Level concrete floor slab above using Hilti HDI Drop-in Anchors or approved equal, installed per Manufacture's specifications. .

Sheet A101.A

1. At Concessions 264A—replace the (4) existing coiling counter doors with new manual operated aluminum counter doors as specified in Section 083313. The doors are 10'-0" wide x 4'-0" high. (Field Verify actual opening size.)

Sheet A101.B

1. At Concessions 282A—replace the (4) existing coiling counter doors with new manual operated aluminum counter doors as specified in Section 083313. The doors are 10'-0" wide x 4'-0" high. (Field Verify actual opening size.)
2. See the attached set of detail sketches for the SE stair—including an enlarged plan at the concourse floor level. (See Attachment)

Sheet A102.B

1. See the attached set of detail sketches for the SE stair—including an enlarged plan at the club floor level. (See Attachment)

Sheet A103

1. Refer to C11-Seating Level Plan. Add 2 enclosed storage rooms in the seat riser area behind the 'great wall'. (See the Attachment) See Mechanical / Electrical Addendum for the M/E work at these new rooms.
The Storage Room work also includes another row of riser overbuild as per Detail 13/S401 with a wall and counter per Detail A1/A602.
The work also includes a stair and landing at Door 430.2 constructed as similar to Detail 7/S402. This landing and stair is also to be constructed at the east side of the 'great wall' at Door 430.1

Sheet A112

1. Refer to Elevation A1—PHASING. Due to the necessary construction phasing the work at the Club Level is to be complete in Phase 3. The work at the south entrance below Club Level is not completed until Phase 5. This will require phased installation of the south curtain wall assembly between Grids T and CC. The upper portion needs to install first and will need to be supported at the new Club Level floor structure.

Sheet A104

1. Refer to Enlarged Plan C3. Per the Addendum note to Section 149100 below, there is to be a fire-rated laundry chute door installed in the north wall Laundry173A to Corridor 142 in the wall just west of Door 173.1. This installation is not indicated on the Drawing.

Sheet A105

1. Refer to Enlarged Plan A14. The front counter of Concessions 222A is noted as plastic laminate. This is not correct. This counter shall be solid surface material as indicated on the elevation N13/A504. The rear counter shall be plastic laminate. These are the materials for all concessions stands, new and existing, Base Bid and Alternate

Sheet A300

1. Refer to Section A1, A5, and H14—PHASING. Due to the necessary construction phasing the work at the Club Level is to be complete in Phase 3. The work at the south entrance below Club Level is not completed until Phase 5. This will require phased installation of the south curtain wall assembly between Grids T and CC. The upper portion needs to install first and will need to be supported at the new Club Level floor structure.

Sheet A302

1. Refer to Section F6—Delete the gypsum board bulkhead shown behind the coiling door housing. The coiling door housing shall be square—not round as shown—and the lay-in ceiling system can butt to the housing.

Sheet A503

1. Refer to Elevation H5/A503—This Lav does not require the skirt indicated. Add Section Cut A11/A604 to this elevation to indicate counter with integral sink. Top to be Zodiaq Indus Red with Glacier White sink bowl. This Elevation and Detail shall be the same in Men's Locker 191.

Sheet A604

1. See the attached Details for the casework lockers in Volleyball Locker 107A and Gymnastic Locker 176A. (See Attachment).

Sheet A700.A

1. Per Addendum #3, the fire sprinkler needs to be installed in the corridor north of the existing Gymnastics Training Room. (This space is actually west of Corridor 166 and not shown on an Architectural Plan.) The existing ceiling is to be removed and replaced with a new ceiling APC-1. The ceiling size is approximately 13' wide x 108' long. (See the Electrical Addendum for ceiling layout.)

MODIFICATIONS TO THE PROJECT MANUAL

MECHANICAL / ELECTRICAL Modifications

1. See the Attached Mechanical / Electrical Addendum. (See Attachment)

Section 006217 "Preparation Instructions for Contractor's Architect's and /or Engineers Certificate of Insurance"

1. The Preparation Instructions for Contractors, Architect's and/or Engineer's Certificate of Insurance requires the Contractor to provide Architect's and/or Engineer's Professional Liability Insurance. This is not a design-build project, so this type of insurance is not applicable.

Section 055213 "Metal Railings"

1. See the Attached sketch for the typical steel pipe guardrail and handrail to replace the rails at the existing NE, NW, SE and SW stairs. The detail of the new SW stair from Concourse to Club levels shall also match this detail. The guard steel shall all be painted. The handrail shall be Type 304 stainless steel with brushed finish. (See Attachment.)

(The new SE stair from Club to Concourse shall have a glass guard with stainless steel handrail as specified in Section 057200.)

Section 057200 “Decorative Metal Railings”

1. The table of contents references 057200 Decorative Metal Railings. The Project Manual includes a Section 057200 “Glass Railings and a Section 057300 “Decorative Railings”. Section 057300 does not appear on the table of contents. The two Sections in the Manual have identical wording. Change the title of 057200 to match the TOC and delete 057300.

The Decorative Rail Section is to include both glass and decorative stainless rails with the intent was that the glass rail supplier would also provide the stainless steel pipe rails for consistency of brackets and other appearance issues.

2. Refer to 1.5.D—Delegated Design Submittal. Add paragraph 1. to read as follows:

“1. For the Glass Supported Guard without Rails provide complete engineering calculations for the rail assembly for submittal to the Building Official to confirm compliance with the Exception to sub-section 2407.1.2. of the 2009 International Building Code. These calculations shall include analysis of each component of the rail assembly—glass, shoe, and attachment to the structure. The analysis shall be signed and sealed by the engineer of record confirming the design of the rail assembly in part and in whole meets the structural requirements of the IBC .”

Section 057300 “Decorative Metal Railings”

1. Delete this Section from the Project Manual. See Item #1 for Section 057200 above.

Section 064023 “Interior Architecture Woodwork”

1. See the following table for the Plastic Laminate color schedule:

PLASTIC LAMINATE			
-			
PL-1	MANUFACTURER:	FORMICA	Maple
	PRODUCT:	AMBER MAPLE, 7012-58	
	INSTALLATION:	VERTICAL SURFACES OF CASEWORK	
PL-2	MANUFACTURER:	FORMICA	White
	PRODUCT:	PEARL, 934-58	
	INSTALLATION:	CASEWORK INTERIOR	
PL-3	MANUFACTURER:	FORMICA	Black
	PRODUCT:	909-90, POLISHED BLACK LAMINATE	
	INSTALLATION:	DISPLAY CASE	
PL-4	MANUFACTURER:	WILSONART	Gray
	PRODUCT:	4779-60, PEWTER BRUSH	
	INSTALLATION:	COUNTERTOPS	

1. Refer to Q & A #2 above—provide the solid surface shelf in all showers in the project. Color—Corian “Designer White”.
2. Locker Lock—for the locker doors in Gymnastics 176A and the drawer inside the lockers in Volleyball 107A provide a combination lock with key override—Master Lock #1636MKDA.
3. The AV equipment in the base cabinets for: Lounge 107, Conf 109A, Conf 331, we’ll require passive ventilation. Provide ventilation openings with net 18 to 20 Sq. in. each in the top and bottom of the casework. Locations to be coordinated during the submittal phase.
4. At the doors to Suites 319, 321, 323, 325, 327, and 329 provide wood trim at the inside and outside of the opening installed over the HM frame. (See the attached sketch.)

Section 081416 “Flush Wood Doors”

1. The existing doors on Arena Level are typically 7’-0” tall with wood transoms in the overall 9’-0” HM frame height. At the openings where we have indicated leaving the frame and installing a new door, include replacement of the transom with a wood panel to match the new door. These doors include 120.1, 122.1, 134.1, 144.1, 146.1, 152.1, 154.1, 158.1, and 162.1.

Section 083313 “Overhead Coiling Counter Doors”

1. A question was asked regarding the size of the coiling counter doors at the following locations:
 - Concessions 222A and 234A—the doors opening shall be 10’-0” wide x 6’-0” high. (This will be the same for the west concessions stands in Alternate No. 1)
 - Equipment Locker 171—the door opening shall be 6’-0” wide x 5’-0” high. (The height for this door is incorrect in the Door Schedule. This is the only OH door listed in the Door Schedule.)
 - Existing Concessions 156—the doors (2) are 13’-0” wide x 4’-0” high. (Field Verify opening size.)
 - Existing Concessions 264A and 282A—the doors (4 each) are 10’-0” wide x 4’-0” high. (Field Verify opening size.) This replacement is in Base Bid work only and will not be included in Alternate #1 for the new west concessions stands.

Section 083323 “Overhead Coiling Counter Doors”

1. A question was asked regarding the size of the coiling counter doors at the following locations:
 - Dock 134A-Exterior Service Door: 14’-0” wide x 10’-0” high (FV height w/conditions)
 - Receiving 136A-Interior Service Door: 6’-0” wide x 8’-0” high.
 - Dock 134-Interior Fire Doors (2) at Corridors 116 and 132: 10’-8” wide x 9’-0” high (FV size as these are to fit in and attach to an existing steel tube frame.)
 - There is another existing coiling door at the east end of the court floor into Dock 134. This door is being removed and the wall opening filled with CMU.

Section 084426 “All-Glass Entrances”

1. At the shower doors in Volleyball Locker 107B, the door pull shall be a 1-1/4” x 36” back-to-back pull—CRL 36LPBS or an equivalent product.
2. At the shower doors in Volleyball Locker 107B, install a frosted crystal vinyl film at the inside surface of the doors.

Section 084413 “Glazed Aluminum Curtain Wall”

1. CLARIFICATION: As a further discussion to the item in Addendum #3 regarding the curtain wall work, the intent of packaging the exterior wall assembly into the Curtain Wall

specification is to ensure the coordination of all of the scopes of work associated with this assembly. The delegated engineering is assigned to the Curtain Wall manufacturer as the curtain wall assembly is supporting the loads of the other exterior materials and must be designed accordingly.

2. PHASING. Due to the necessary construction phasing the work at the Club Level is to be complete in Phase 3. The work at the south entrance below Club Level is not completed until Phase 5. This will require phased installation of the south curtain wall assembly between Grids T and CC. The upper portion needs to install first and will need to be supported at the new Club Level floor structure.

Section 087100 "Door Hardware"

1. At the aluminum entrance doors—inside and outside—change the specified pull to a Rockwood RM3341, 60" length, US32D, or an equivalent product.
2. Additional doors in the project will likely require door closers to be installed that are not indicated in the hardware sets. Include in the hardware costs providing and installing 24 additional closers of the specified type. The actual doors requiring these closers are to be determined.

Section 088000 "Glazing"

1. Q: What color of silicone spandrel are you after.
A: For bidding purposes—assume it is a light gray similar to the clear anodized framing.
2. Q: Insulated Laminated Glass is specified and referenced as skylight glass replacement. Where in the documents do you indicate skylight glass replacement?
A: At the SE skylight steel columns have been added to support the curtain wall and sun shade. The steel will require removal and replacement of skylight glass at those locations.

Section 092900 "Gypsum Board"

1. Replace the specified gypsum board with mold-resistant gypsum board at the inside wall face of these rooms—107A, 162, 162A, 162B, 162C, 176A, 183, 189A, 189B, and 191. (These are generally the gypsum wall surfaces in mechanical rooms and lockers room.)
The mold-resistant gypsum board shall be DensArmor Plus High Performance Interior Panels as manufactured by Georgia Pacific Gypsum or an approved equivalent product.
2. Replace the specified gypsum board with abuse-resistant gypsum board at the walls of these concourse level rooms—220, 222, 222A, 224, 224A, 224B, 226, 226A, 228, 228B, 232, 232A, 232B, 234, 234A, 236, 270, 270A, 276, 276A, 278, AND 278A. This also includes the toilet and concessions rooms in Alternate #1.
These are generally the concessions and restrooms and the walls of these rooms that face the Concourse. The walls above the 'eyebrow' do not require the abuse-resistant product.
The abuse-resistant gypsum board shall be DensArmor Plus Fireguard Abuse-Resistant Interior Panels as manufactured by Georgia Pacific Gypsum or an approved equivalent product.

Section 096513 "Resilient Base and Accessories"

1. Q: Clarify the finishes at SE Stair?
A: The SE Stair is to receive the resilient stair accessory materials specified in 2.2 from the floor at exterior Door 114.1 at Arena Level to the top of the stair at Club Level. This includes all treads, risers, and landings including the areas at Event and Concourse Levels that serve as landings. At Concourse level where the landing material abuts sealed concrete, provide a continuous resilient transition strip. At Club Level, provide a resilient nosing at the top riser to transition to carpet.

2. Refer to Section Detail K7. At the edge of the floor and the edges of the riser steps, provide a stair edge nosing to terminate the carpet surface. The nosing shall be a Johnsonite RCN-XX-A, color as selected by Owner.

Section 099123 "Interior Painting"

1. At the walls that are to be finished with abuse-resistant gypsum board, replace the specified paint finish with a water-based epoxy finish. This includes the walls of these concourse level rooms—220, 222, 222A, 224, 224A, 224B, 226, 226A, 228,228B, 232, 232A, 232B, 234, 234A, 236,270, 270A, 276, 276A, 278, AND 278A. This also includes the toilet and concessions rooms in Alternate #1.

These are generally the concessions and restrooms and the walls of these rooms that face the Concourse.

The water-based epoxy finish shall be Sherwin Williams Series 70 Water Based Catalyzed Epoxy Resin coating, semi-gloss or an equivalent product from one of the other specified paint manufacturers.

2. Refer to the Floor Plans for painting not indicated in the Room Finish Schedule. This includes the following:

A101.A—See Notes 4, 13, 14, and 15. Add Keynote 099123.C at the NE and NW stairs to indicate that all exposed steel in these stairs is to be painted.

A101.B—See Keynote 099123.C and Notes 6, 12, 13, and 14.

A102.A—Keynotes 099123.D and 099123.E.

A102.B—Keynotes 099123.E.

A103—Keynote 099123.D and Notes 4, 5, and 6.

Section 101419 "Dimensional Letter Signage"

1. Q: In spec section 101419, it states that the "N" is to be 16'-0" (page 101419-4) and on Sheet A200 in the Keynote Legend it states 13'-6" and it scales out at 16'-6" --- which size should we be bidding?

A: Bid the sign as 16'-0" tall.

2. Refer to 1.8—Quality Assurance. Add the following paragraph:

"B. Sign Fabricator:

1. Fabricator shall coordinate power requirements, electrical connections, and support with the Contractor.
2. All internally illuminated signage shall be UL listed.
3. Fabricator shall provide sign templates with electrical penetrations for all exterior signage for coordination with the Contractor.
4. Location of signs on the Drawings is for general information. Final location shall be confirmed with the Owner.
5. Fabricator shall provide engineering services and dedicated project manager.
6. There shall be no visible labels on completed signs unless required by law."

Section 149100 "Facility Chutes"

1. The work in this section is to provide an install a fire-rated laundry chute door in the wall of Laundry173A to Corridor 142 in the wall just west of Door 173.1. This should include a short section of chute or slide to direct soiled laundry to a cart set below the opening.

SUBSTITUTION REQUESTS--APPROVED

Subject to compliance with the requirements in the specifications, the following substitutions have been approved for use on this Project:

1. 057200 “Glass Rails”
VIVA LLC, VIVA Shoe Railing System
2. Section 084413 “Glazed Aluminum Curtain Walls”--Sunshades
 - a. ASCA Inc.
 - b. Industrial Louvers, Inc.

NOTE—Section 084413 specifies performance and other requirements, not manufacturers for the sun shades. However, due to the integrated nature of this project the sun shades need to be bid to the curtain wall suppliers as a part of their packaged sub-bid—not the GC. The suppliers above did submit a substitution request and these products have been approved.
3. Section 102226 “Operable Partitions”
Moderco Inc. Signature 8000 Series.
4. Mechanical / Electrical Substitution Requests—Approved
See the Attached Mechanical / Electrical Addendum.

SUBSTITUTION REQUESTS—NOT APPROVED

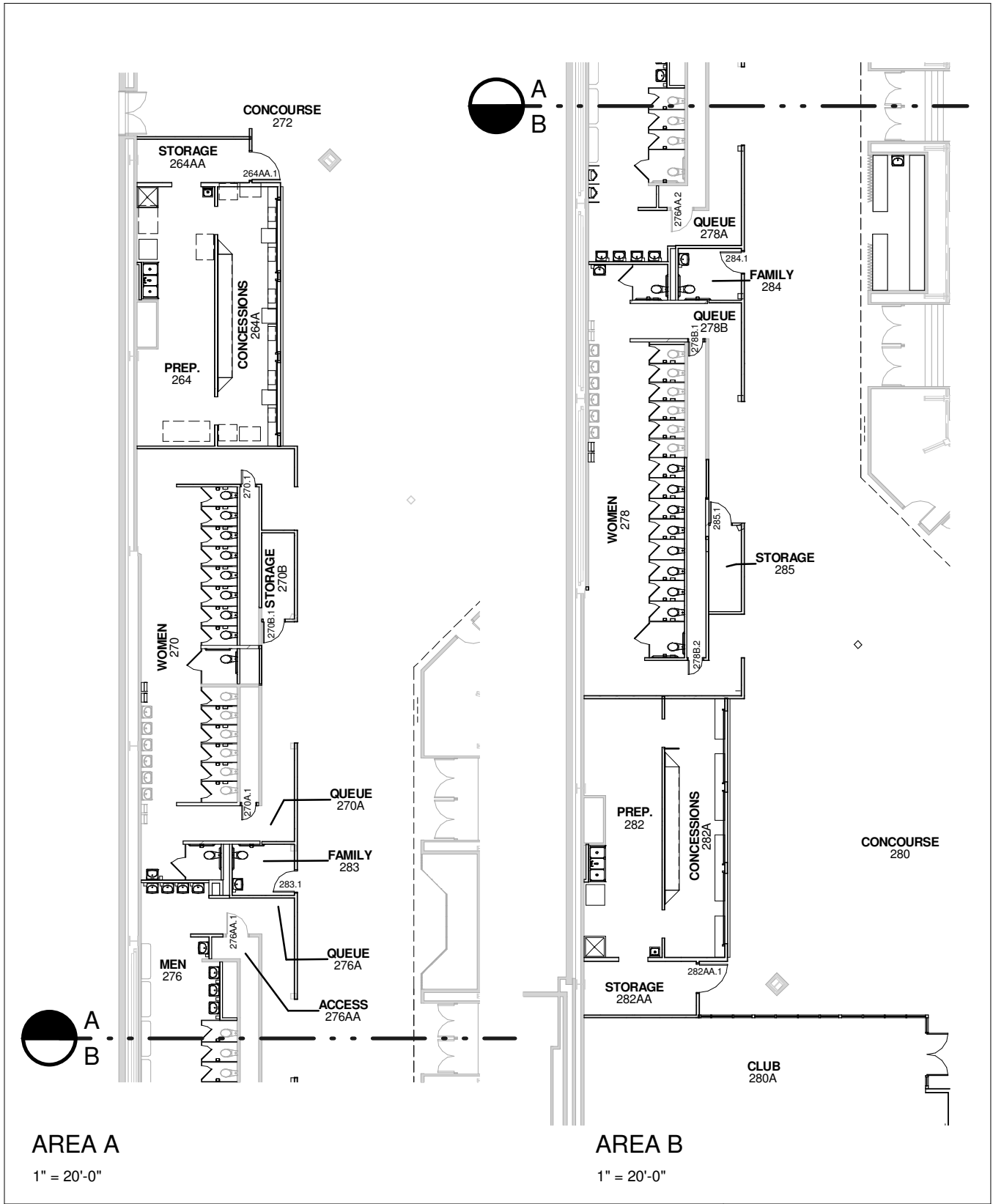
The following substitutions have not been approved for use on this Project:

1. Section 095113 “Acoustical Panel Ceilings”
USG Ceiling products—The Owner is not taking substitutions for the ceilings as other parts of the existing building are already finished with Celotex material.
2. Bike Loops (See Sheet C101)
Sitescapes KR2 Kreston Bike Rack—The Owner is not taking substitutions for the bike loops. The specified Wabash product is the campus standard.
3. Mechanical / Electrical Substitution Requests—Not Approved
See the Attached Mechanical / Electrical Addendum.

ATTACHMENTS

1. Plan—Alternate #1 ADD West Restrooms and Concessions (1 page).
2. SE Stair Enlarged Plans and Detail Sketches (4 pages).
3. Storage Room—Architectural and Structural Sheets (8 pages).
4. Locker Details—(5 pages).
5. Stair Rail Detail—(1 page).
6. Suite Door Trim Detail—(1 page).
7. Mechanical / Electrical Addendum—(11 pages).

END OF ADDENDUM NO. 4



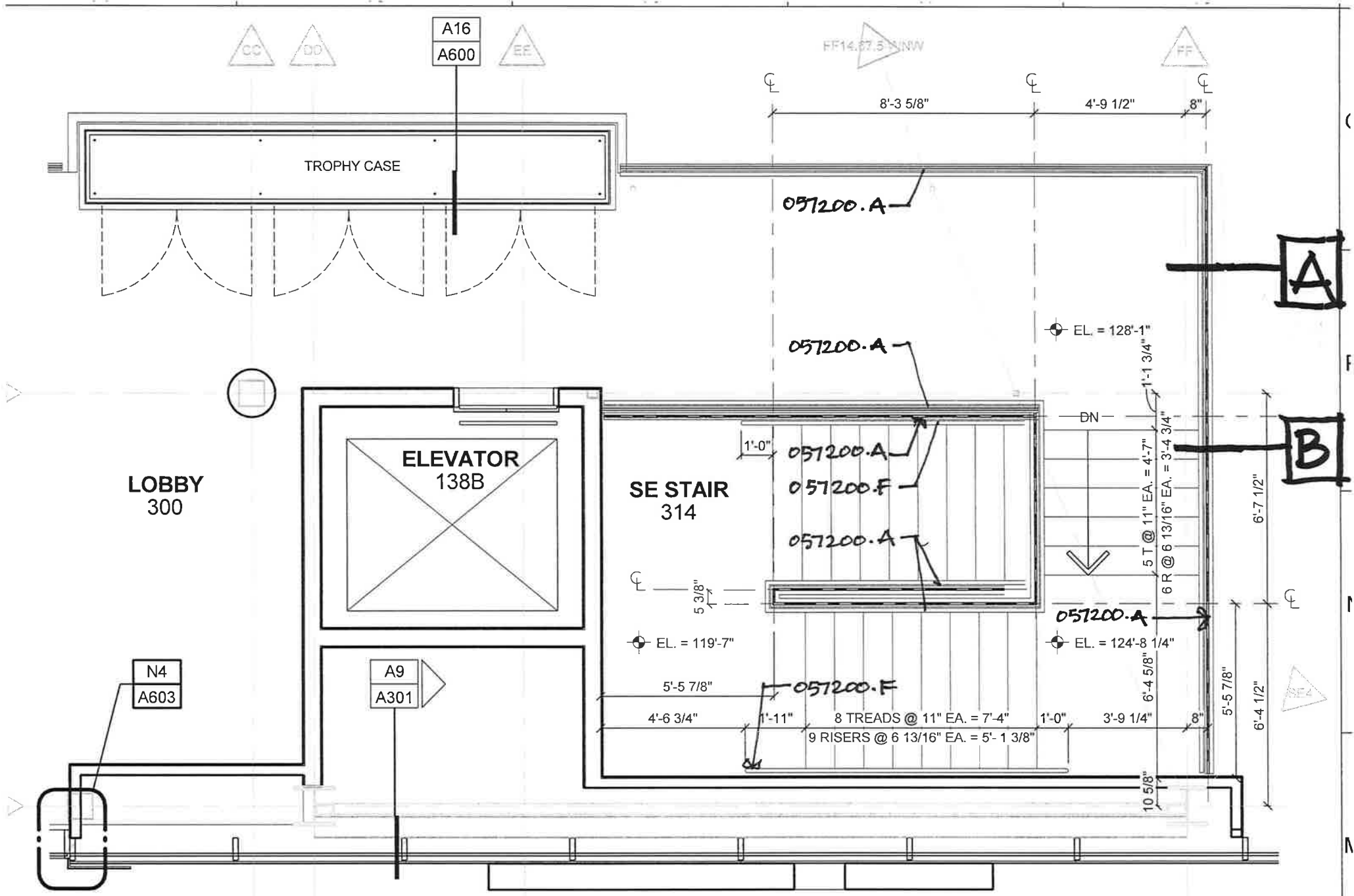
AREA A

1" = 20'-0"

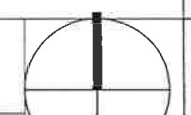
AREA B

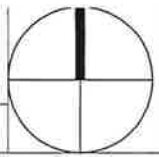
1" = 20'-0"

<p>Attachment to:</p> <p>Date: 04/12/12</p>	<h1>A101.</h1>
<p>Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS</p> <p>Project Number: 11005</p>	<p>SINCLAIR hille architects</p>



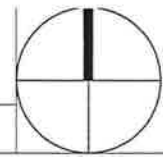
ATTACHMENT 1 OF 4





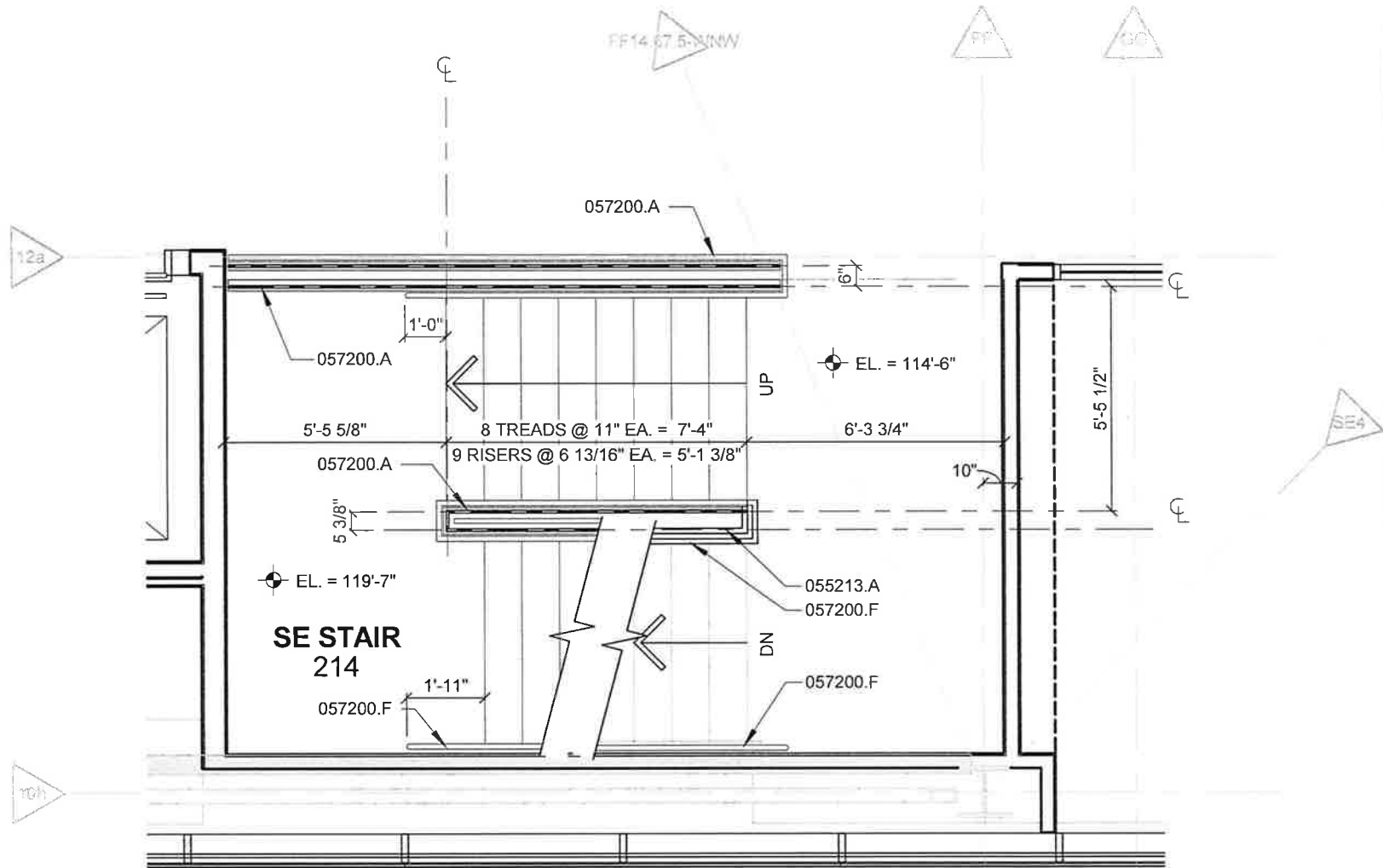
D10

ENLARGED PLAN



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

RESTROOMS - CLUB LEVEL - AREA B



ATTACHMENT 2 OF 4

A10

ENLARGED PLAN

A10/A105

A14

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

SE STAIR 214

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

10

11

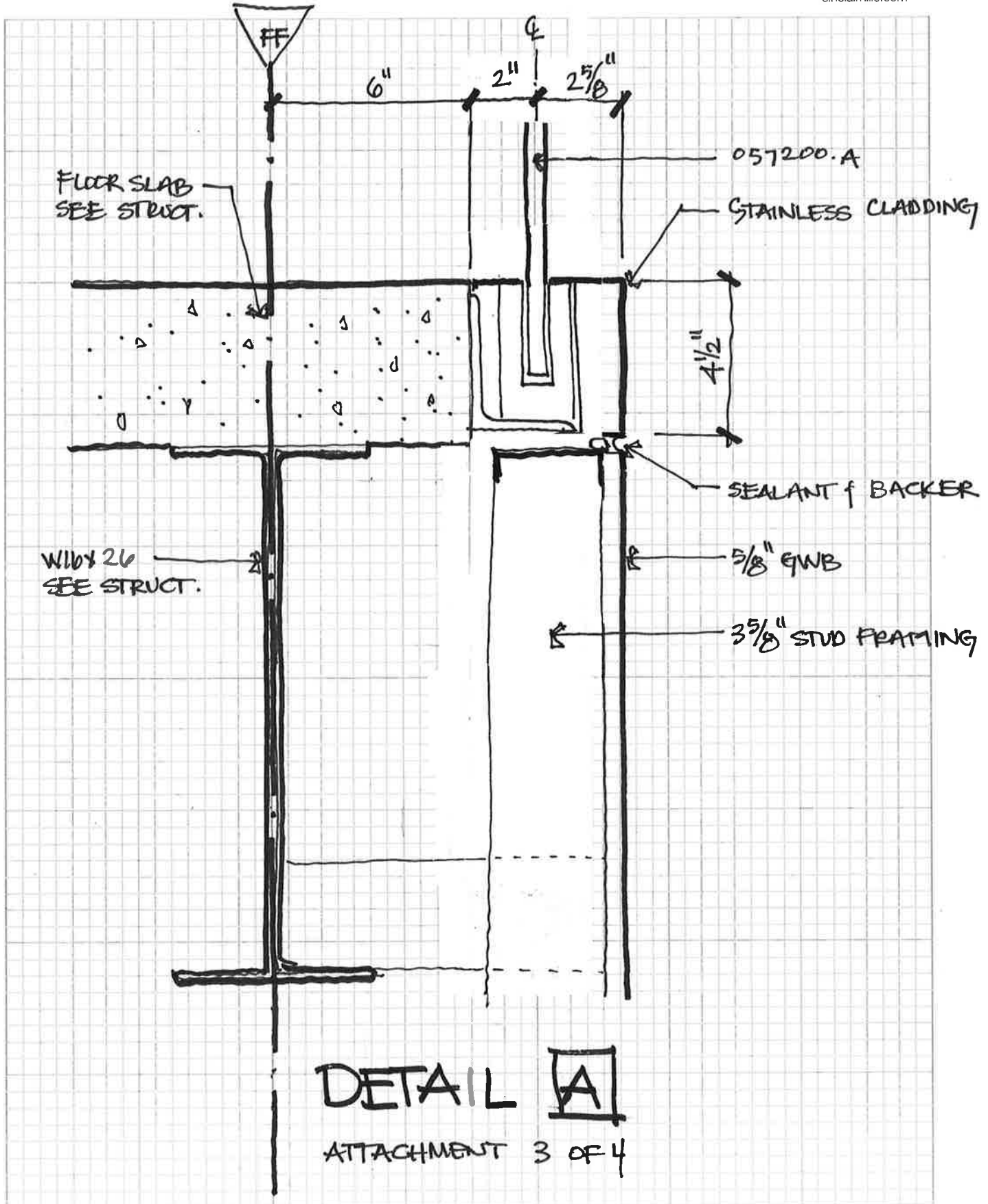
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13

Date _____

Project # / Phase _____

Project Name _____



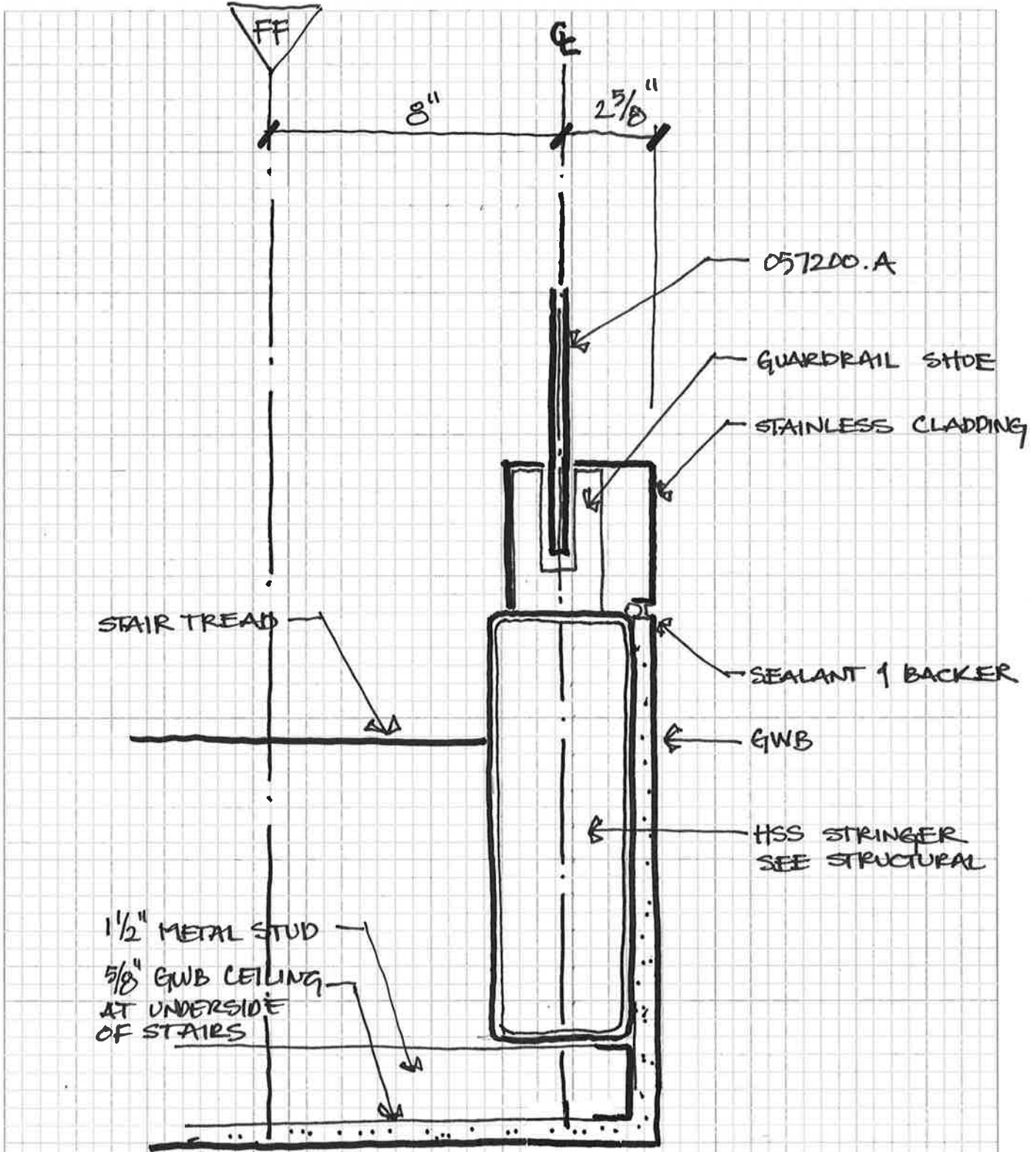
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Project # / Phase

Project Name

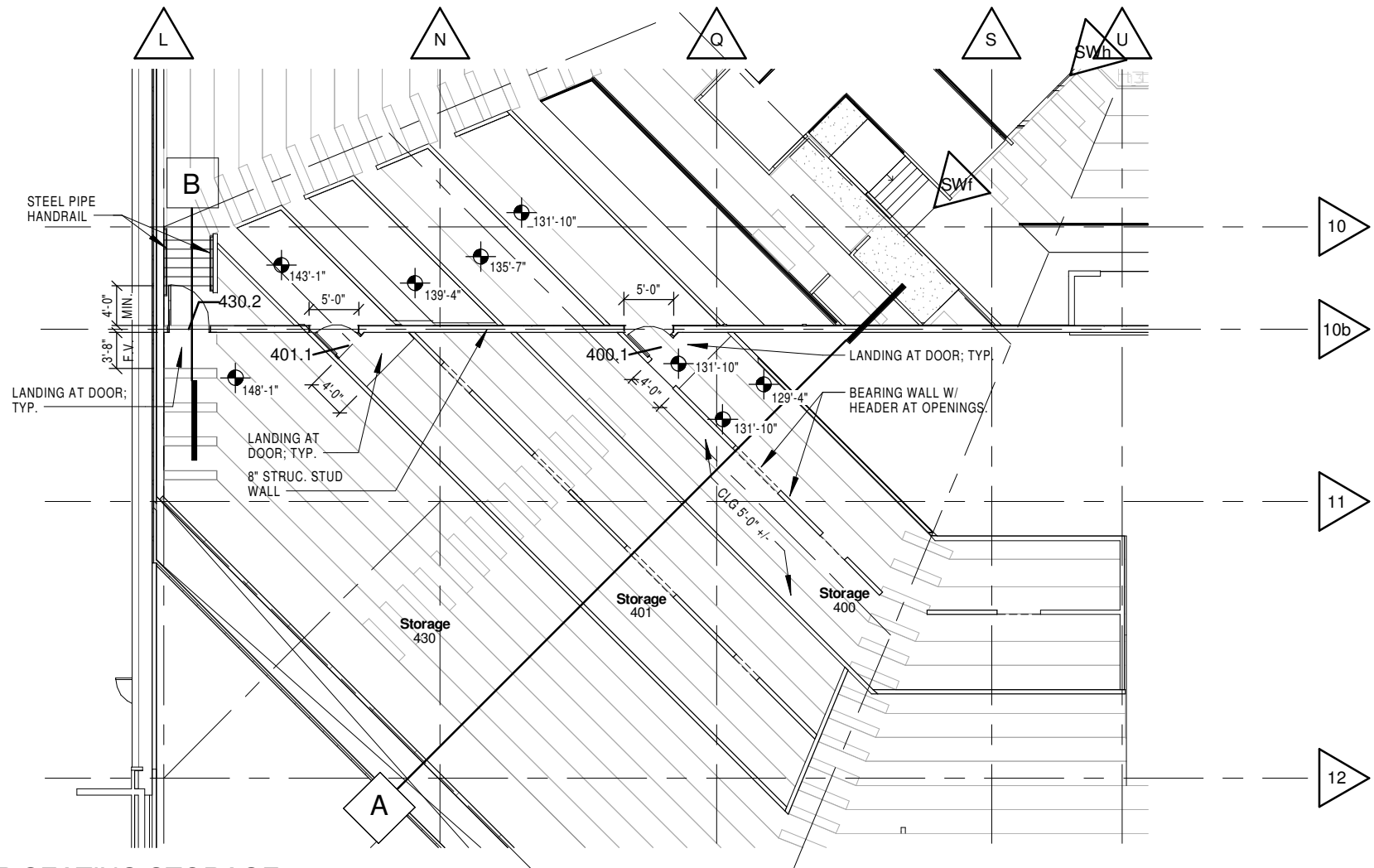
SINCLAIR **hille**
architects

700 Q Street
Lincoln, NE 68508
T: 402.476.7331
F: 402.476.8341
sinclairhille.com



DETAIL [B]

ATTACHMENT 4 OF 4



UPPER SEATING STORAGE

1/16" = 1'-0"

Attachment to:

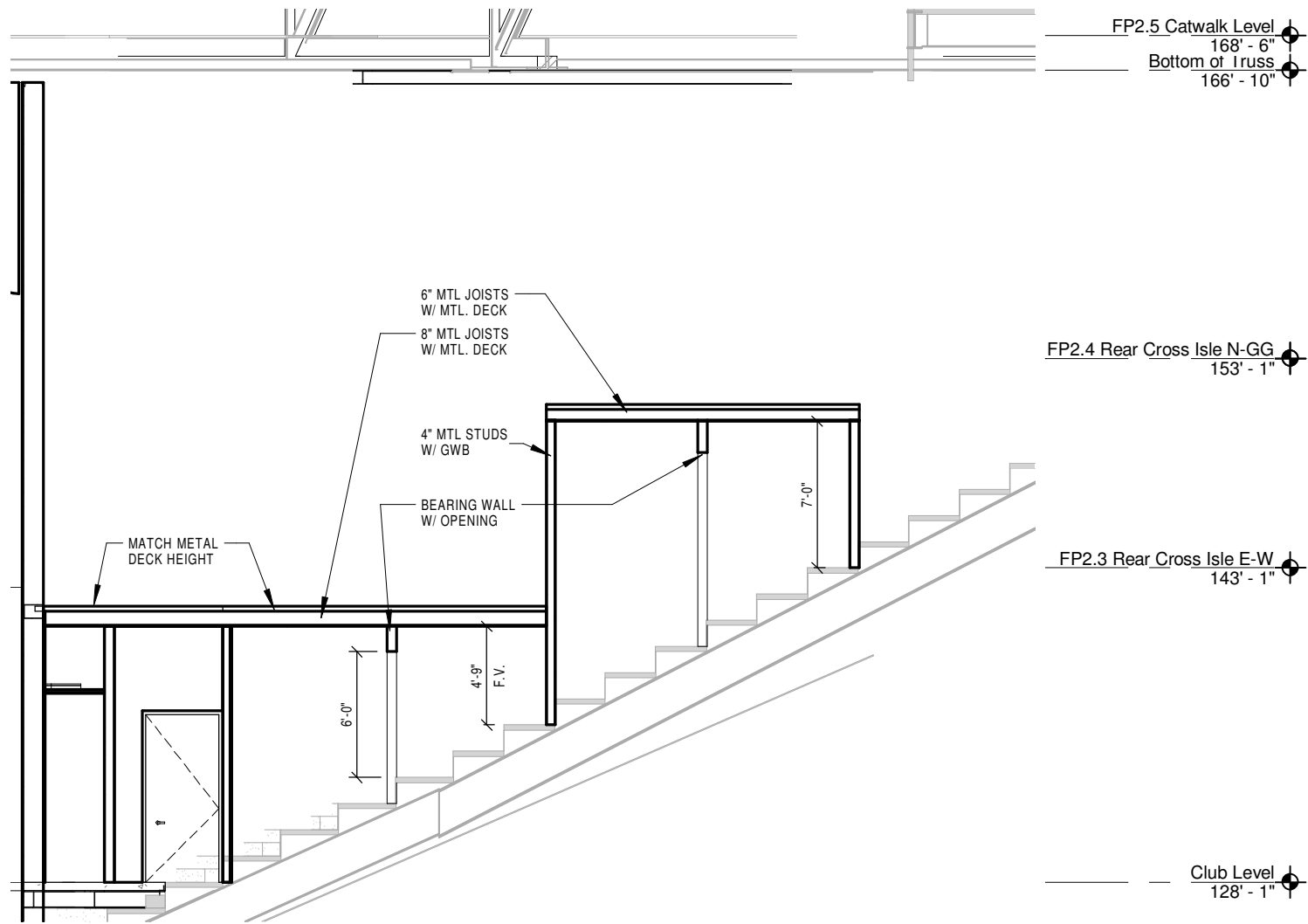
Date: 04/10/12

Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS

Project Number: 11005

A.1

SINCLAIR **hille**
architects



SECTION A

1/8" = 1'-0"

Attachment to:

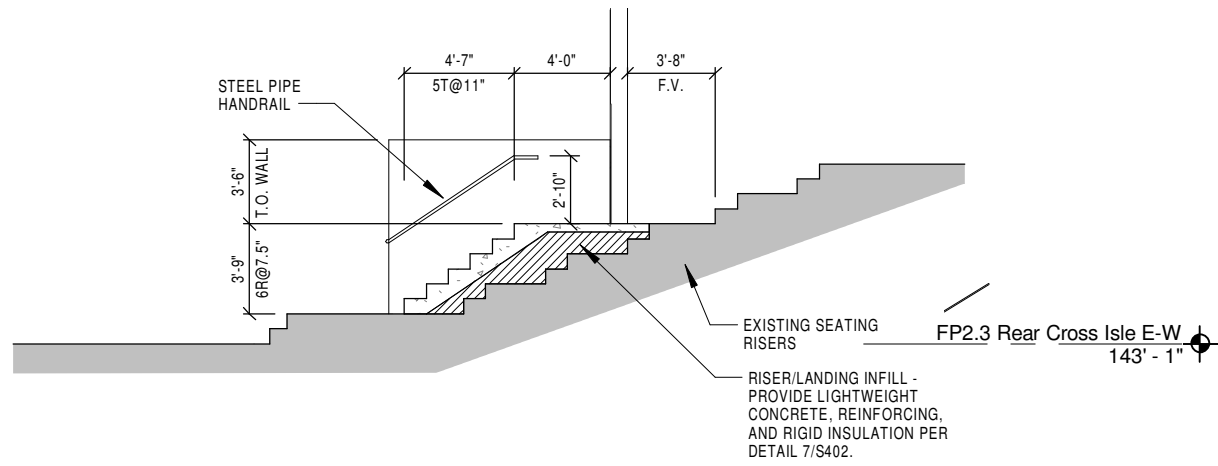
Date: 04/11/12

Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS

Project Number: 11005

A.2

SINCLAIR **hille**
architects



SECTION B

1/8" = 1'-0"

Attachment to:

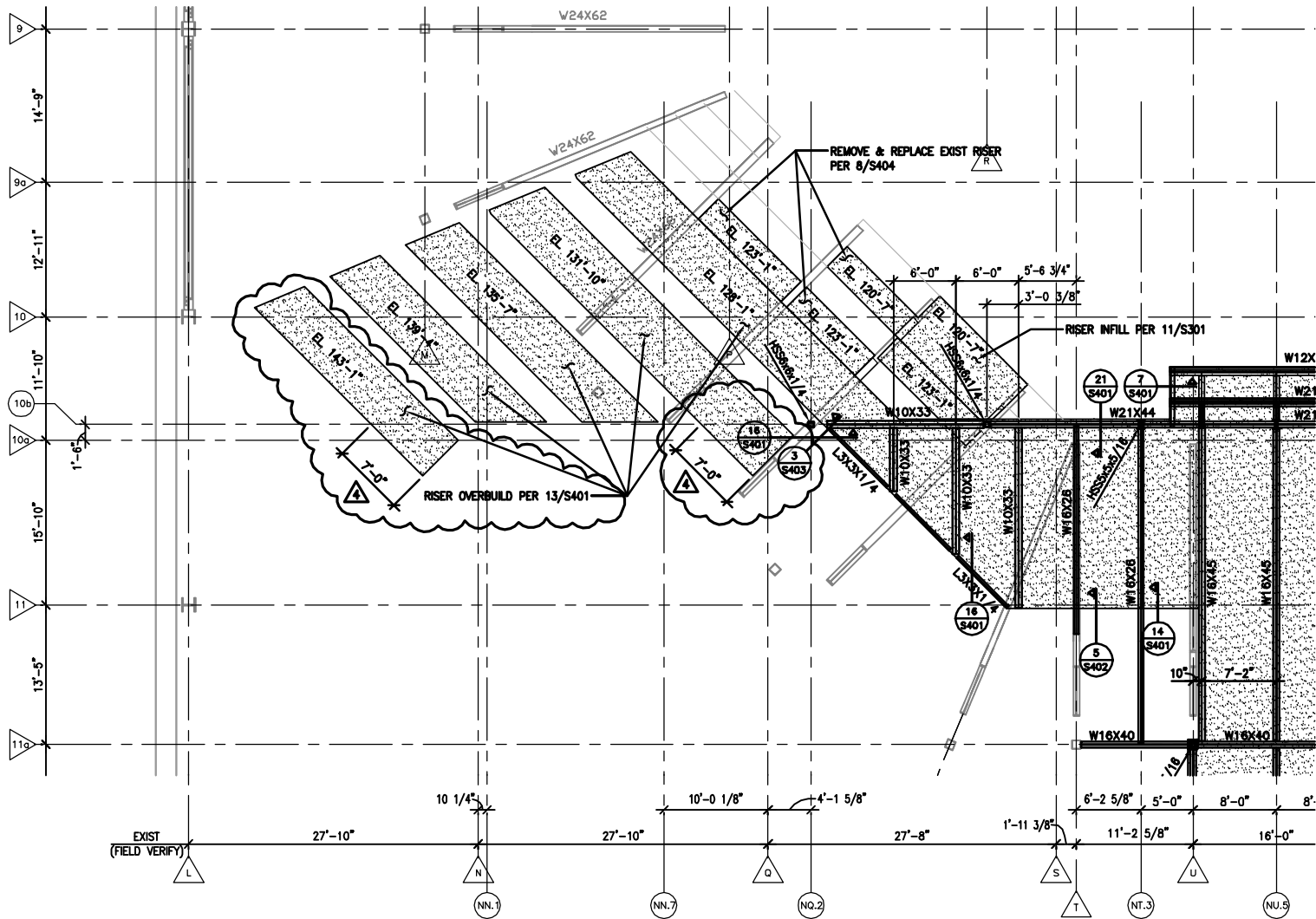
Date: 04/11/12

Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS

Project Number: 11005

A.3

SINCLAIR | hille
architects



PARTIAL CLUB LEVEL FLOOR FRAMING PLAN



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

Attachment to:

Date: 04/10/12

4-13-12 STORAGE FRAMING

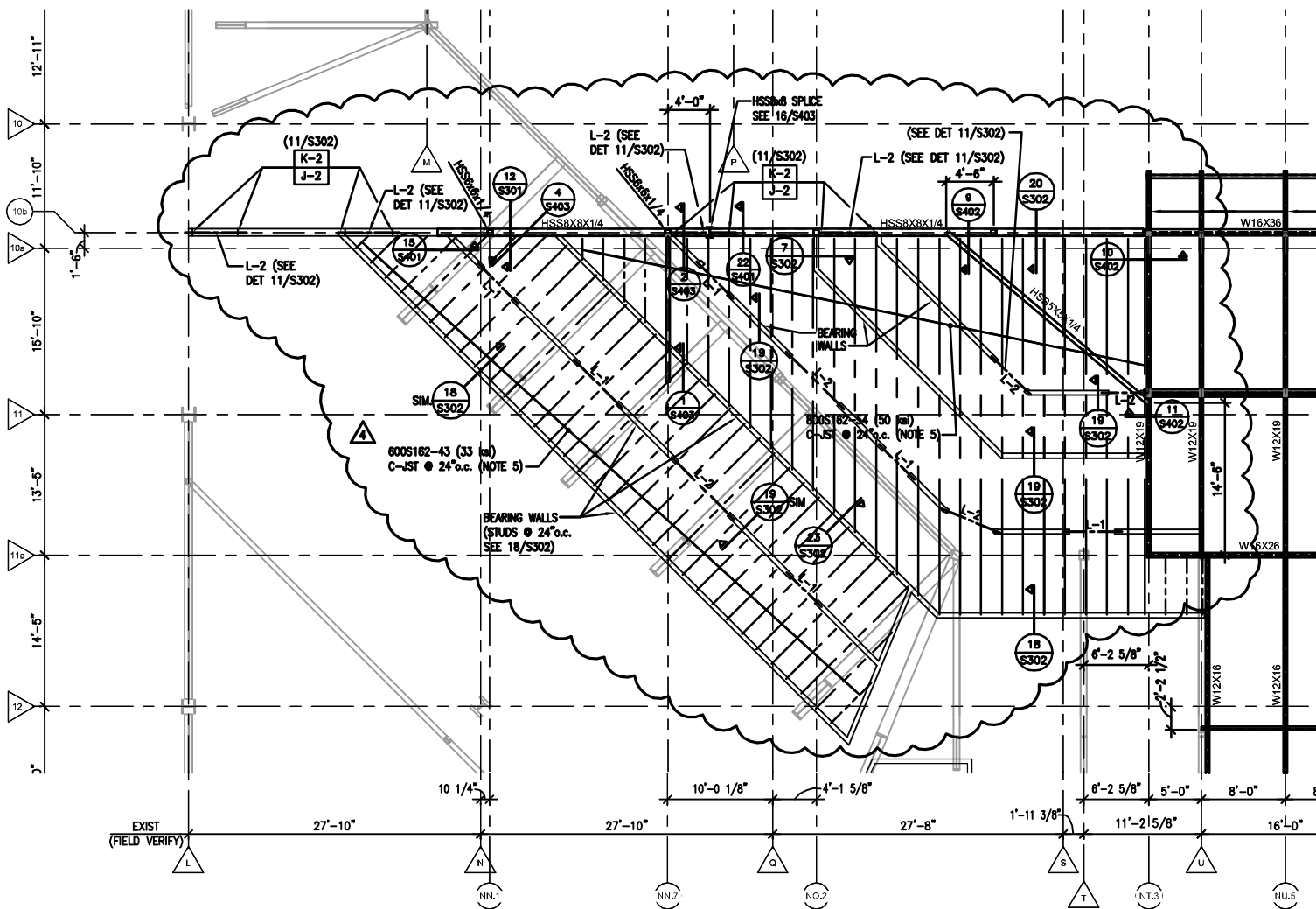
S121-A

Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS

Project Number: SHA #11005, (NBE #11-033)

NIELSEN - BAUMERT ENGINEERING INC.

9802 NICHOLAS STREET, SUITE 105 Omaha, NE 68114
(402) 496-4750 FAX (402) 496-1147



PARTIAL CLUB LEVEL CEILING FRAMING PLAN



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

Attachment to:

Date: 04/13/12

4 4-13-12 STORAGE FRAMING

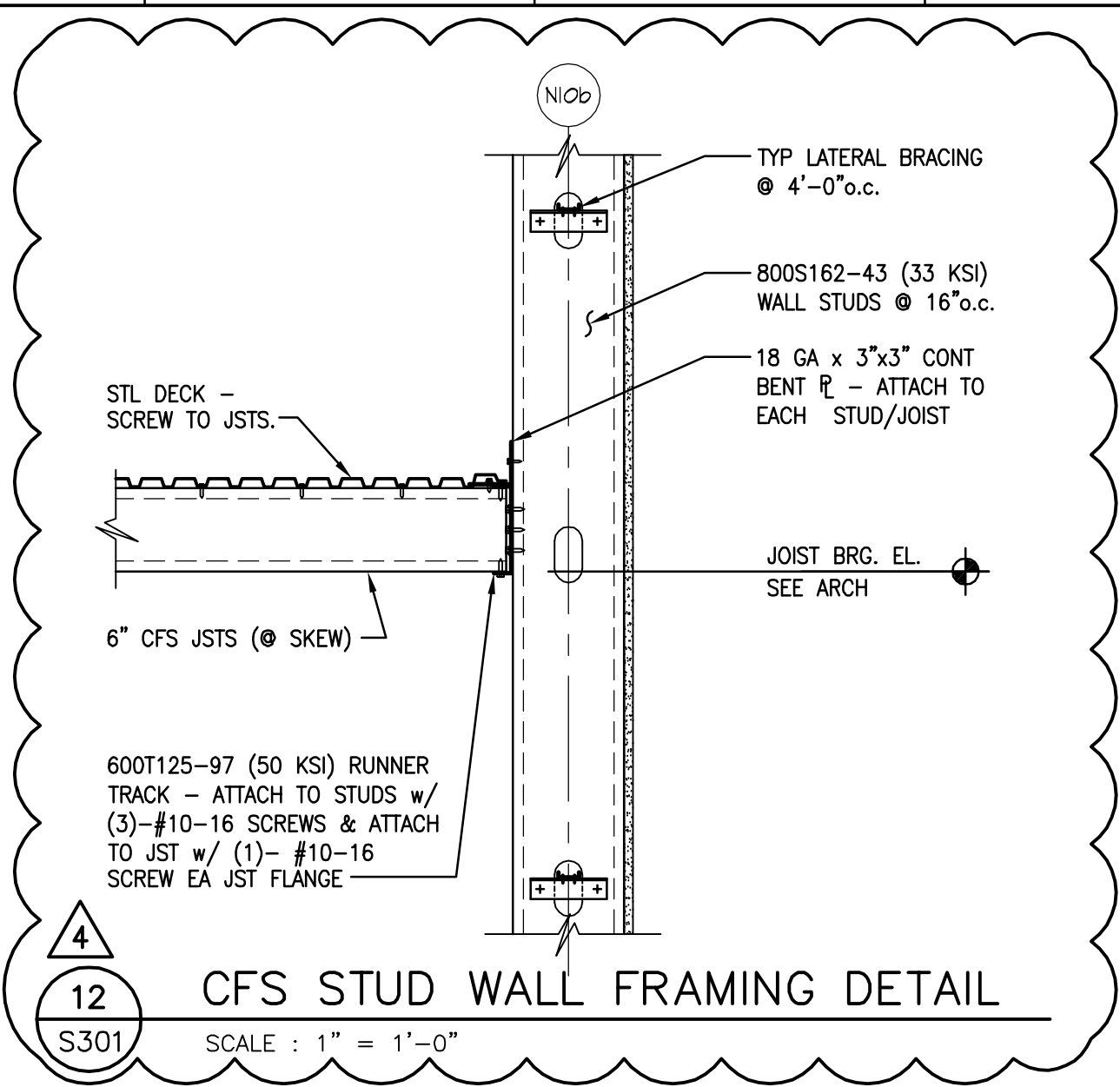
S131-A

Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS

Project Number: SHA #11005, (NBE #11-033)

NIELSEN - BAUMERT ENGINEERING INC.

9802 NICHOLAS STREET, SUITE 105 Omaha, NE 68114
(402) 496-4750 FAX (402) 496-1147



Attachment to:

Date: 04/13/12

4 4-13-12 STORAGE
FRAMING

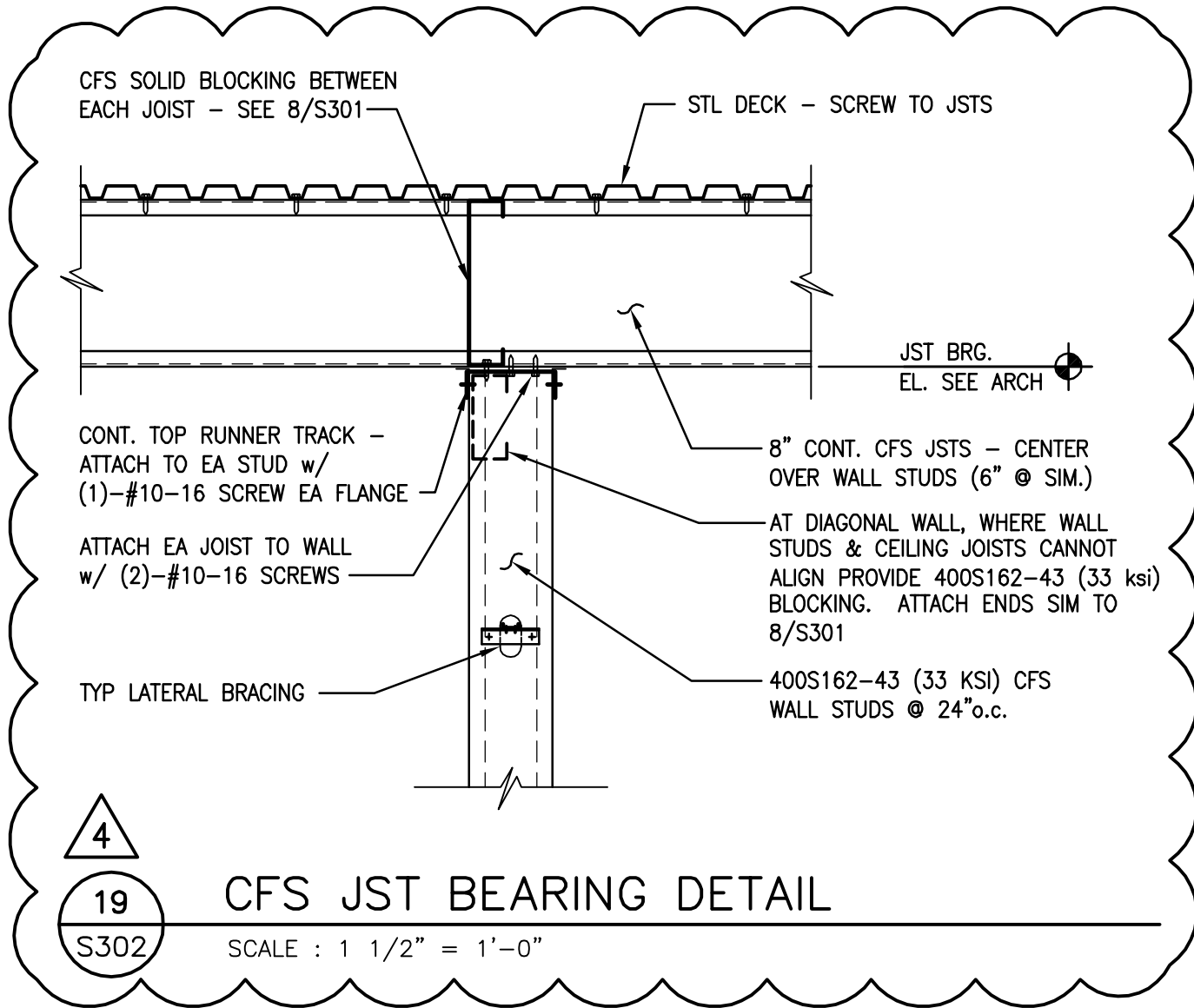
S301-A

Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS

Project Number: SHA #11005, (NBE #11-033)

NIELSEN - BAUMERT ENGINEERING INC.

9802 NICHOLAS STREET, SUITE 105 Omaha, NE 68114
(402) 496-4750 FAX (402) 496-1147



Attachment to:

Date: 04/13/12

4 4-13-12 STORAGE FRAMING

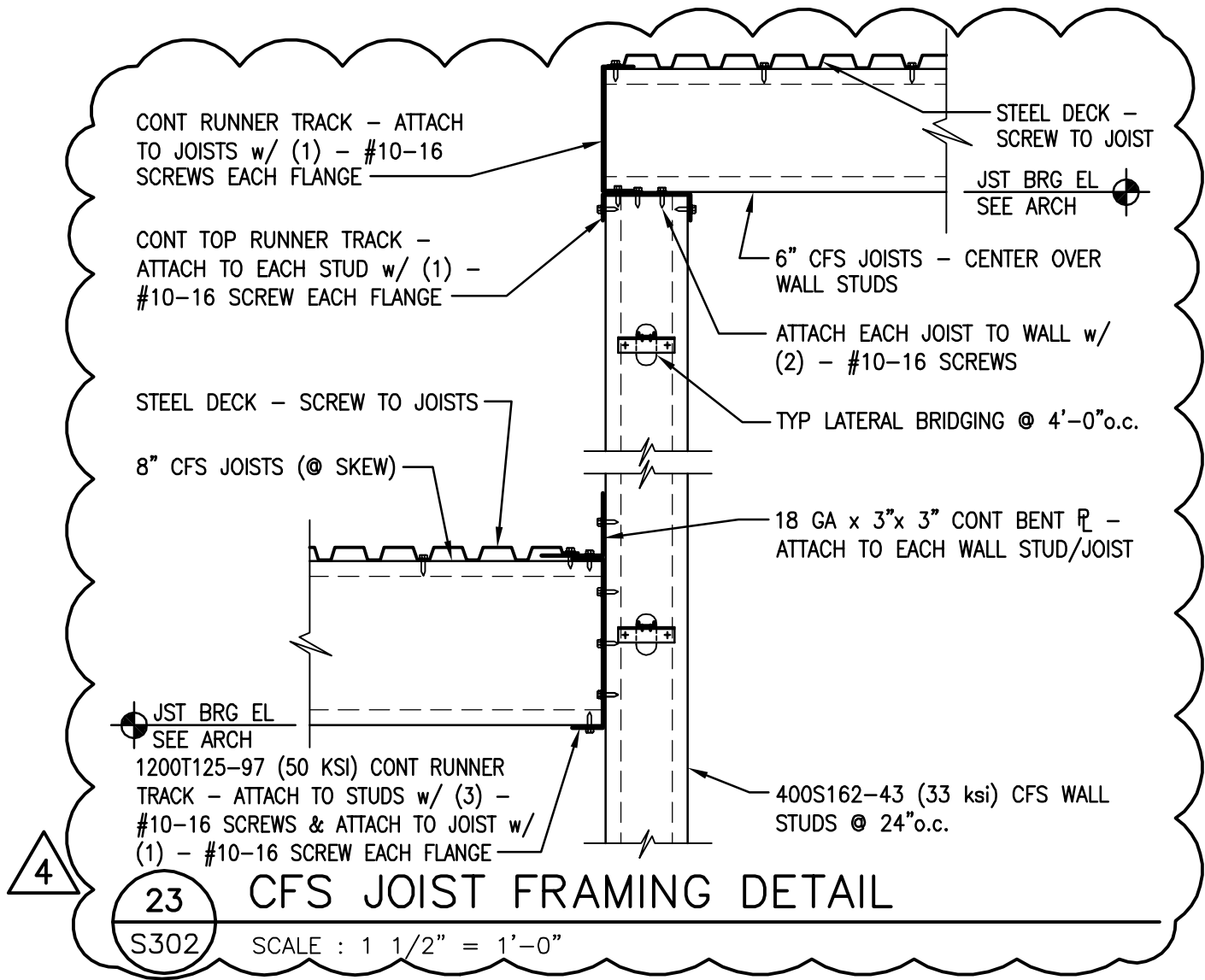
S302-A

Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS

Project Number: SHA #11005, (NBE #11-033)

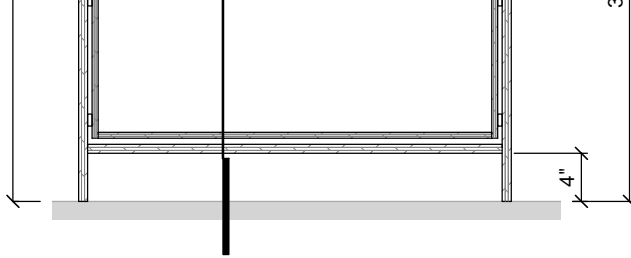
NIELSEN - BAUMERT ENGINEERING INC.

9802 NICHOLAS STREET, SUITE 105 Omaha, NE 68114
(402) 496-4750 FAX (402) 496-1147



Attachment to:	Date: 04/13/12	4 4-13-12 STORAGE FRAMING	S302-B
Project Name: DEVANEY SPORTS CENTER IMPROVEMENTS	Project Number: SHA #11005, (NBE #11-033)	NIELSEN - BAUMERT ENGINEERING INC. 9802 NICHOLAS STREET, SUITE 105 Omaha, NE 68114 (402) 496-4750 FAX (402) 496-1147	

SLIDES



J5

SECTION

J7

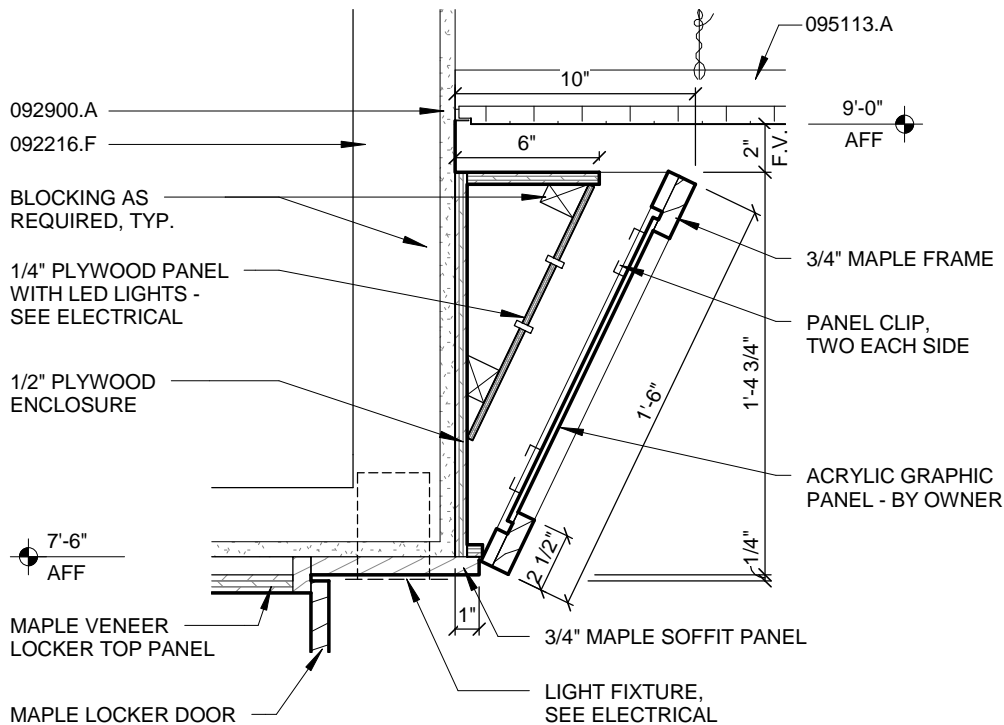
S

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

LOCKER SECTION - VOLLEYBALL LOCKERS 107A

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

VIS



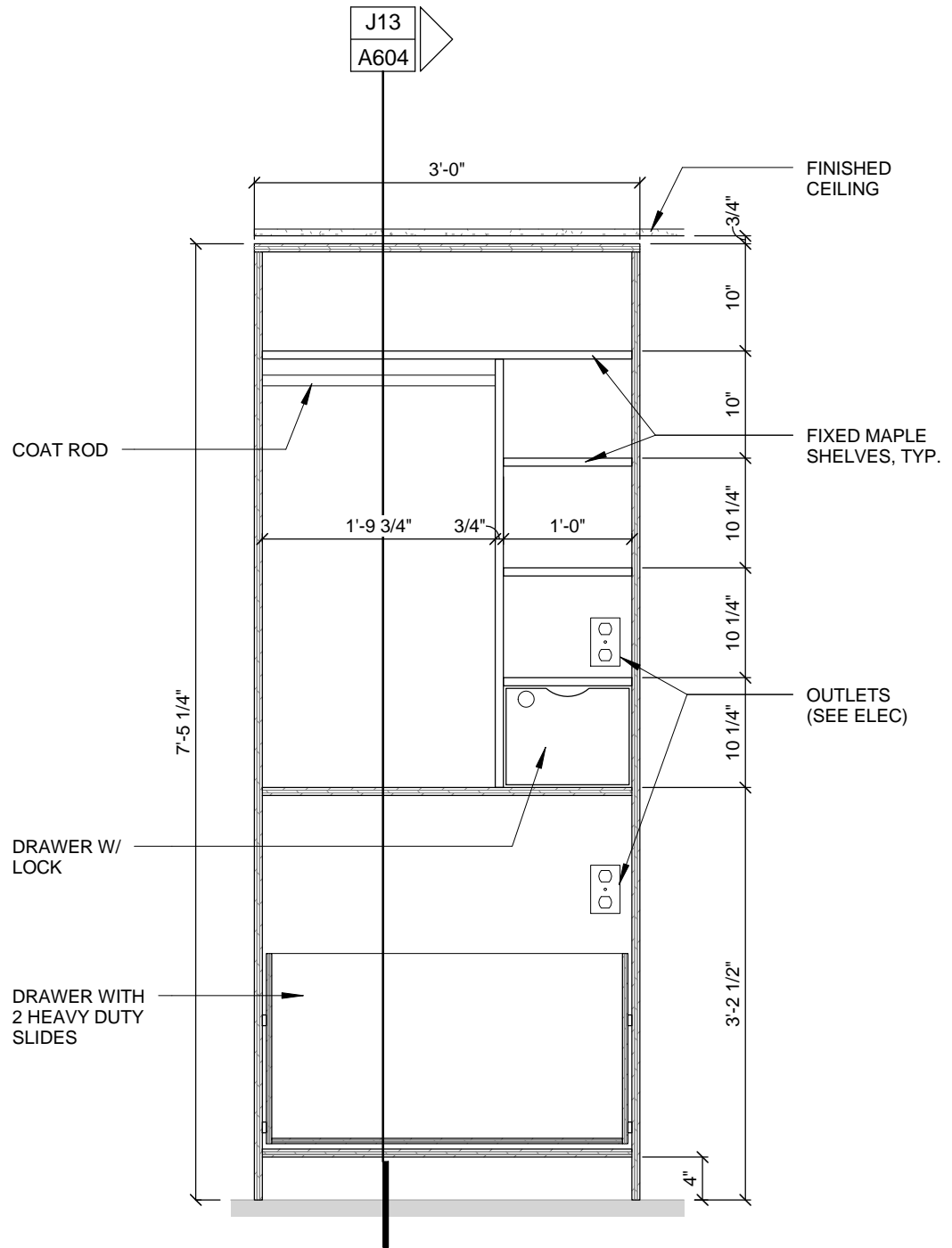
F5

MILLWORK DETAIL

SCALE: 1 1/2" = 1'-0"

TYPICAL LOCKER GRAPHIC PANEL

RO
SH
BR
MAPLE V
M
E



J5

SECTION

J7

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

LOCKER SECTION - VOLLEYBALL LOCKERS 107A

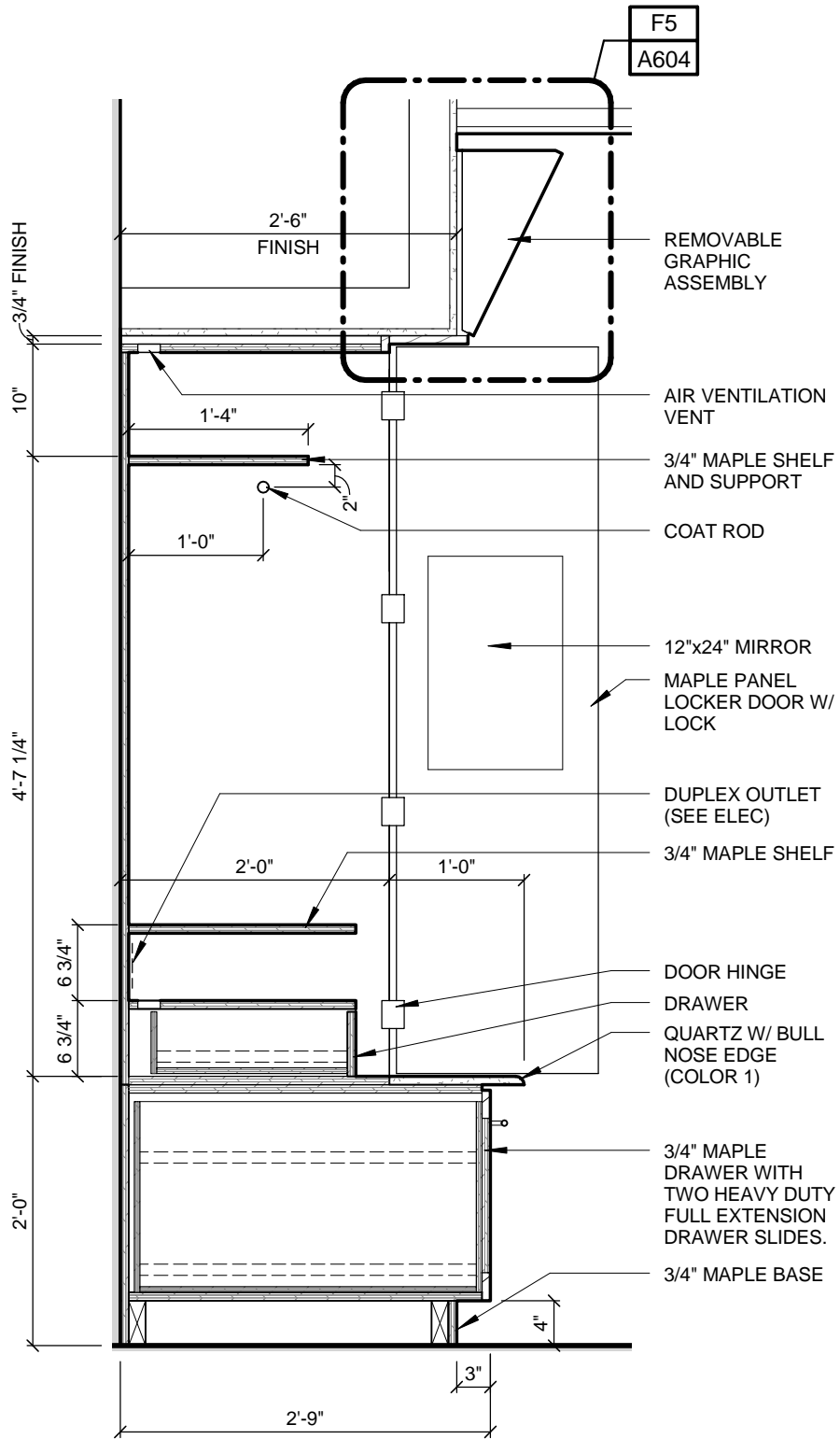
SCALE: 3/4"

OP PROVIDED BY LOCKER MFR.

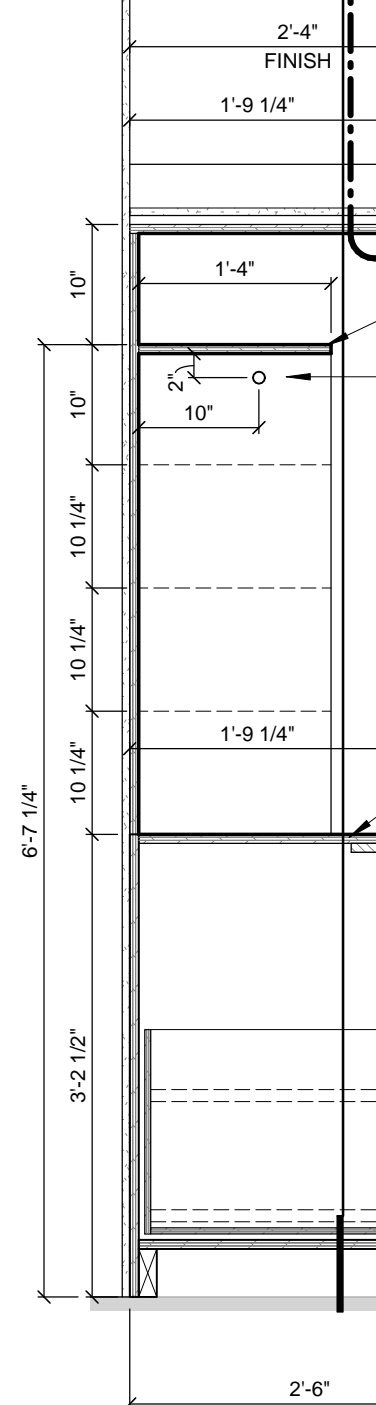
105113

4" CONC BASE

FP1 Arena Level
100' - 0"



J5
A604



J11

MILLWORK DETAIL

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

LOCKER SECTION - GYMNASIICS LOCKER ROOM 176A

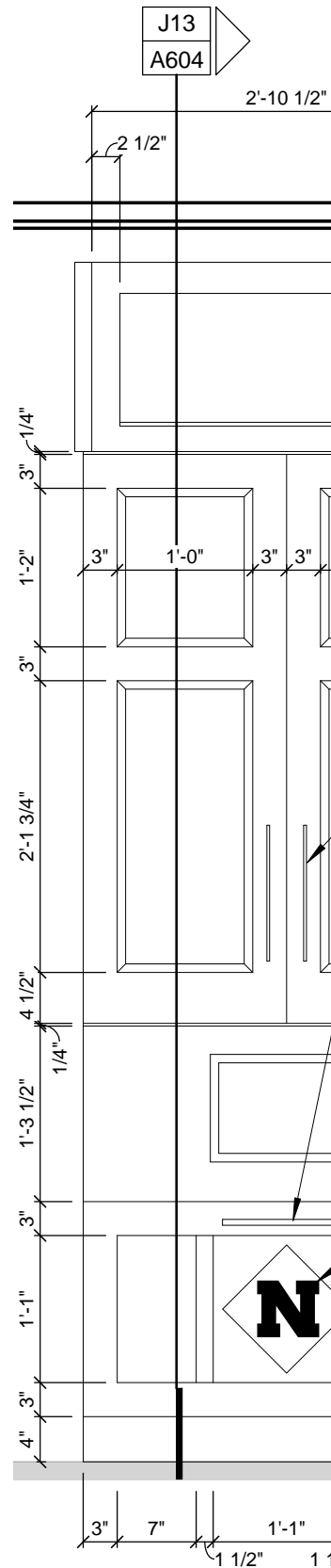
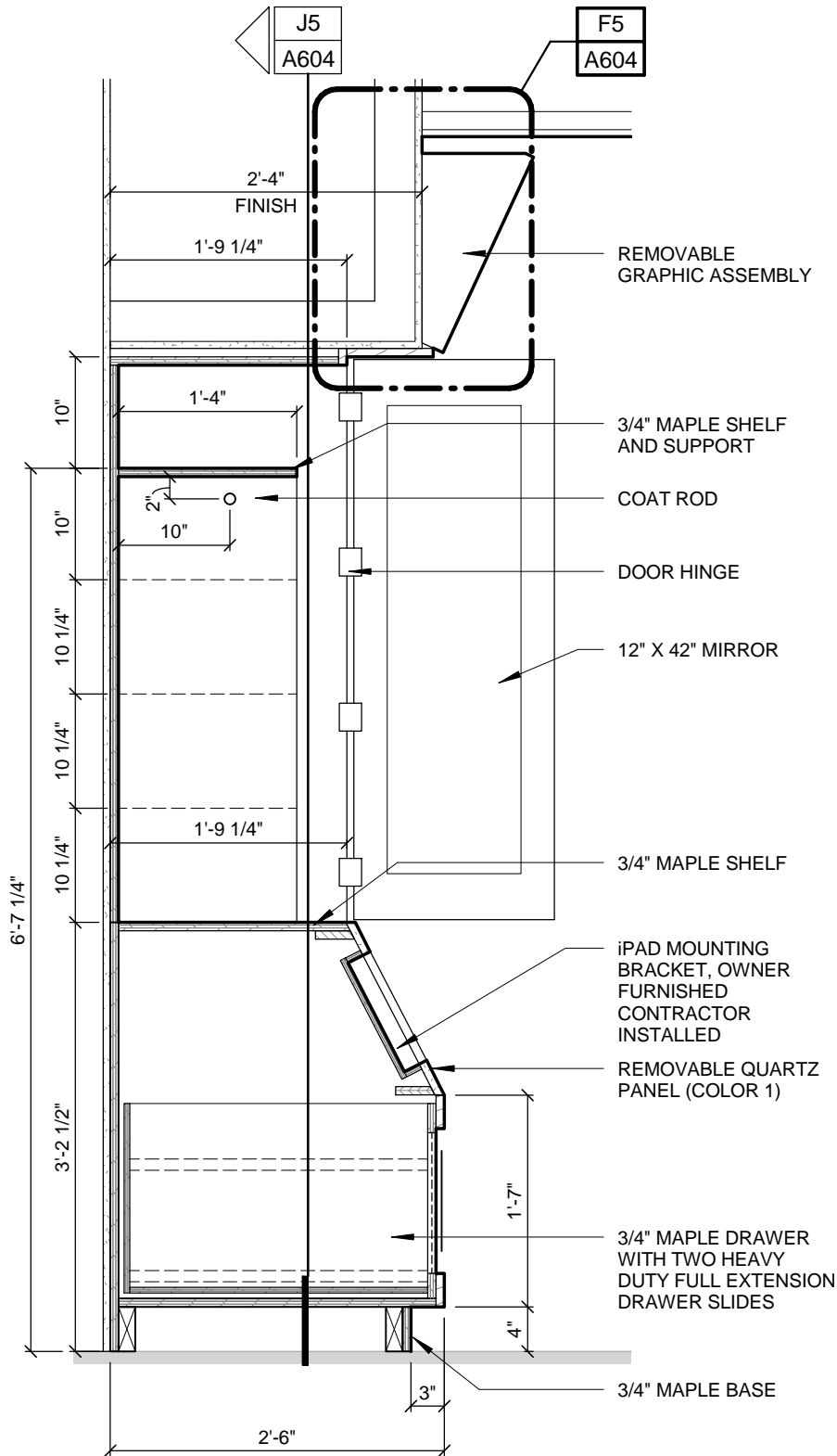
J13

SEC

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

LOCKER S

- F5
A604
- REMOVABLE GRAPHIC ASSEMBLY
- AIR VENTILATION VENT
- 3/4" MAPLE SHELF AND SUPPORT
- COAT ROD
- 12"x24" MIRROR
- MAPLE PANEL LOCKER DOOR W/ LOCK
- DUPLEX OUTLET (SEE ELEC)
- 3/4" MAPLE SHELF
- DOOR HINGE
- DRAWER
- QUARTZ W/ BULL NOSE EDGE (COLOR 1)
- 3/4" MAPLE DRAWER WITH TWO HEAVY DUTY FULL EXTENSION DRAWER SLIDES.
- 3/4" MAPLE BASE



DETAIL	J13	SECTION	J16	INTE
LOCKER ROOM 176A	SCALE: 3/4" = 1'-0"	LOCKER SECTION - VOLLEYBALL LOCKERS 107A	SCALE: 3/4" = 1'-0"	LOCKER EL

MOVABLE
GRAPHIC ASSEMBLY

MAPLE SHELF
SUPPORT

T ROD

R HINGE

42" MIRROR

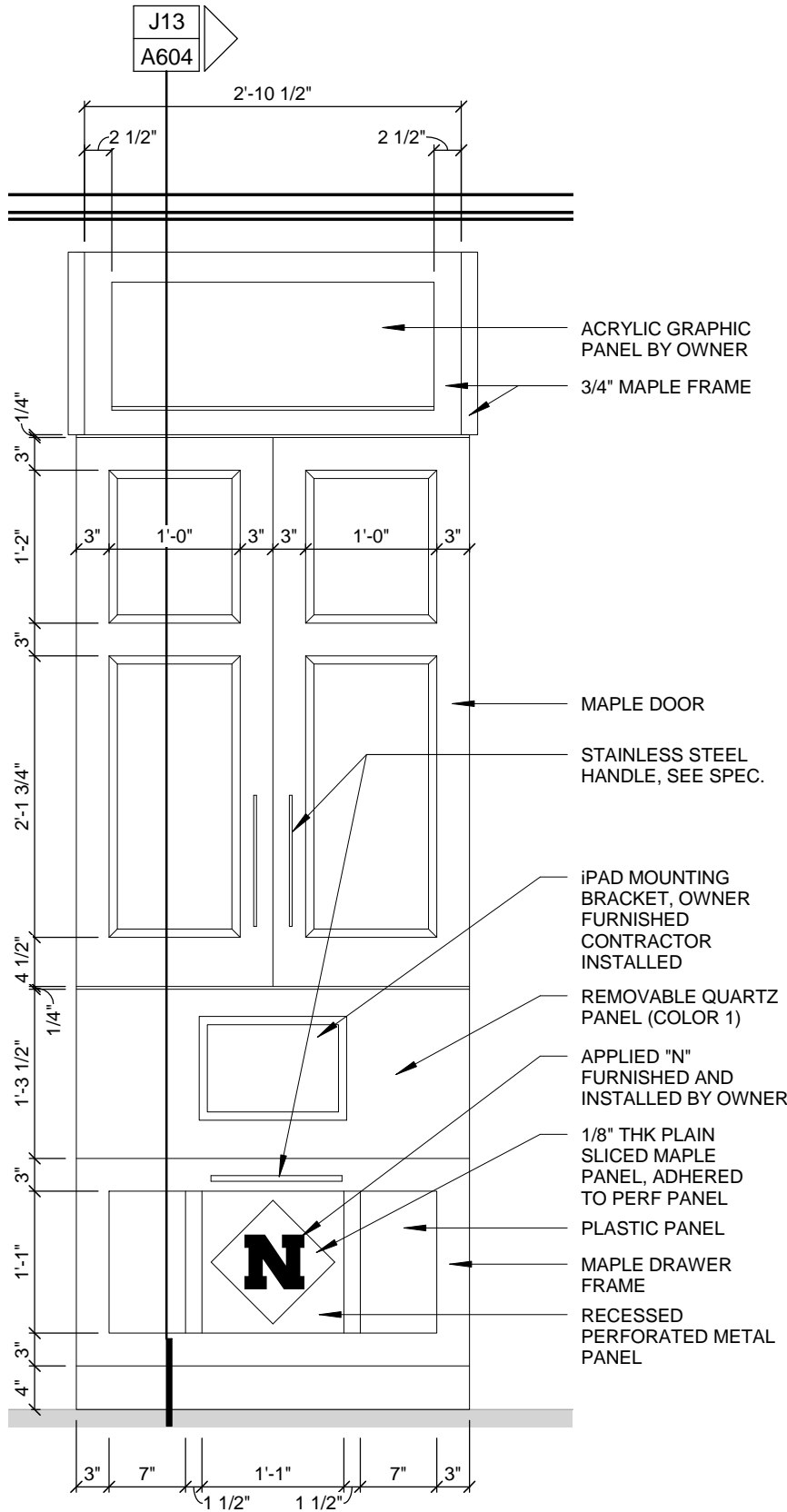
MAPLE SHELF

MOUNTING
BRACKET, OWNER
FURNISHED
CONTRACTOR
INSTALLED

MOVABLE QUARTZ
PANEL (COLOR 1)

MAPLE DRAWER
WITH TWO HEAVY
DUTY FULL EXTENSION
DRAWER SLIDES

MAPLE BASE



- 092216.F METAL STUD BULKHEAD FR...
- 092900.A 5/8" TYPE X GYPSUM WALLB...
- 095113.A ACOUSTICAL PANEL CEILING...
- 096513.A RESILIENT WALL BASE
- 097700.A WOOD PANEL SYSTEM
- 105113 METAL LOCKERS
- 123640.B GRANITE COUNTERTOP

P

N

M

L

K

J16

INTERIOR ELEVATIONS

07A

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

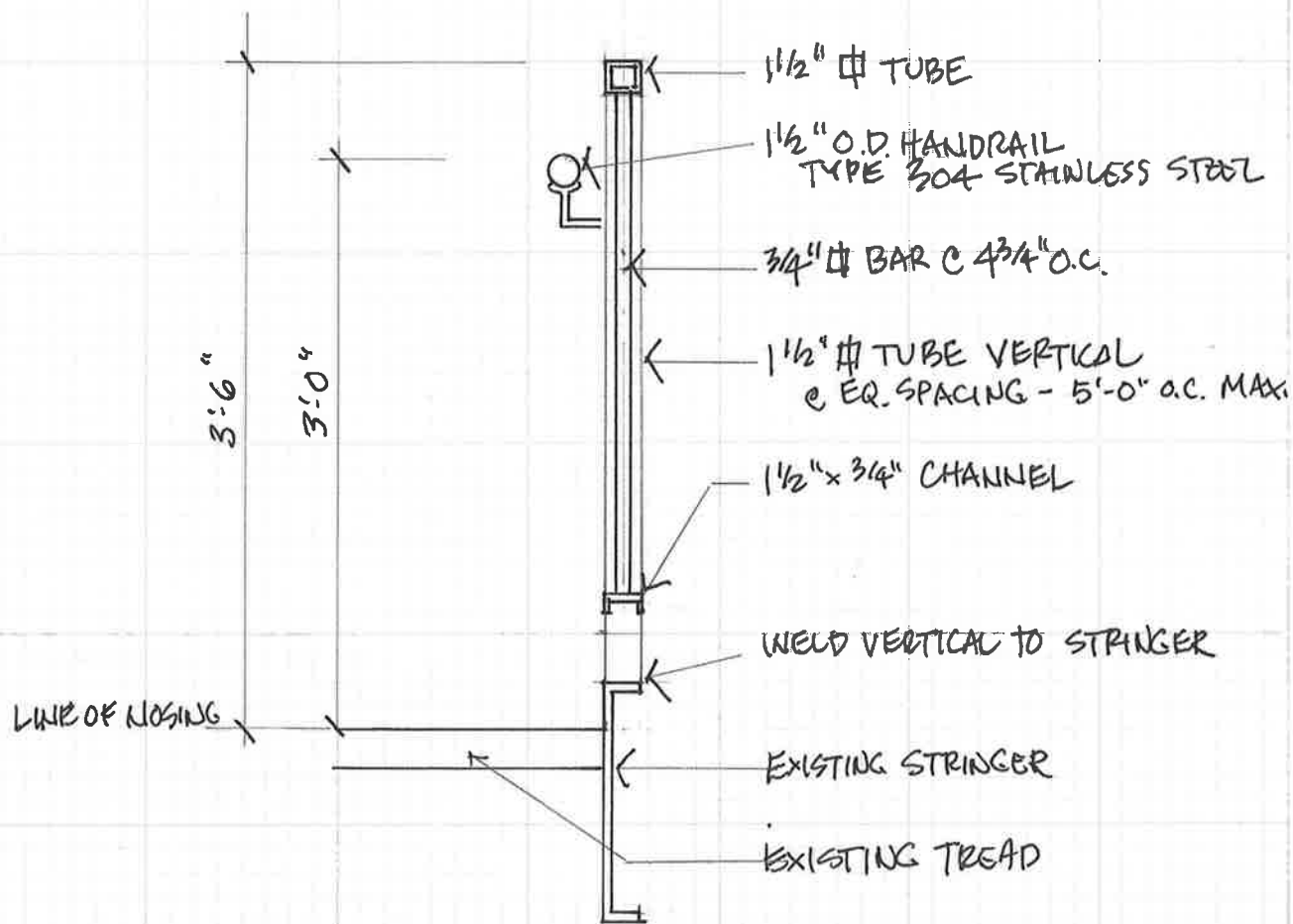
LOCKER ELEVATION - VOLLEYBALL LOCKERS 107A

J

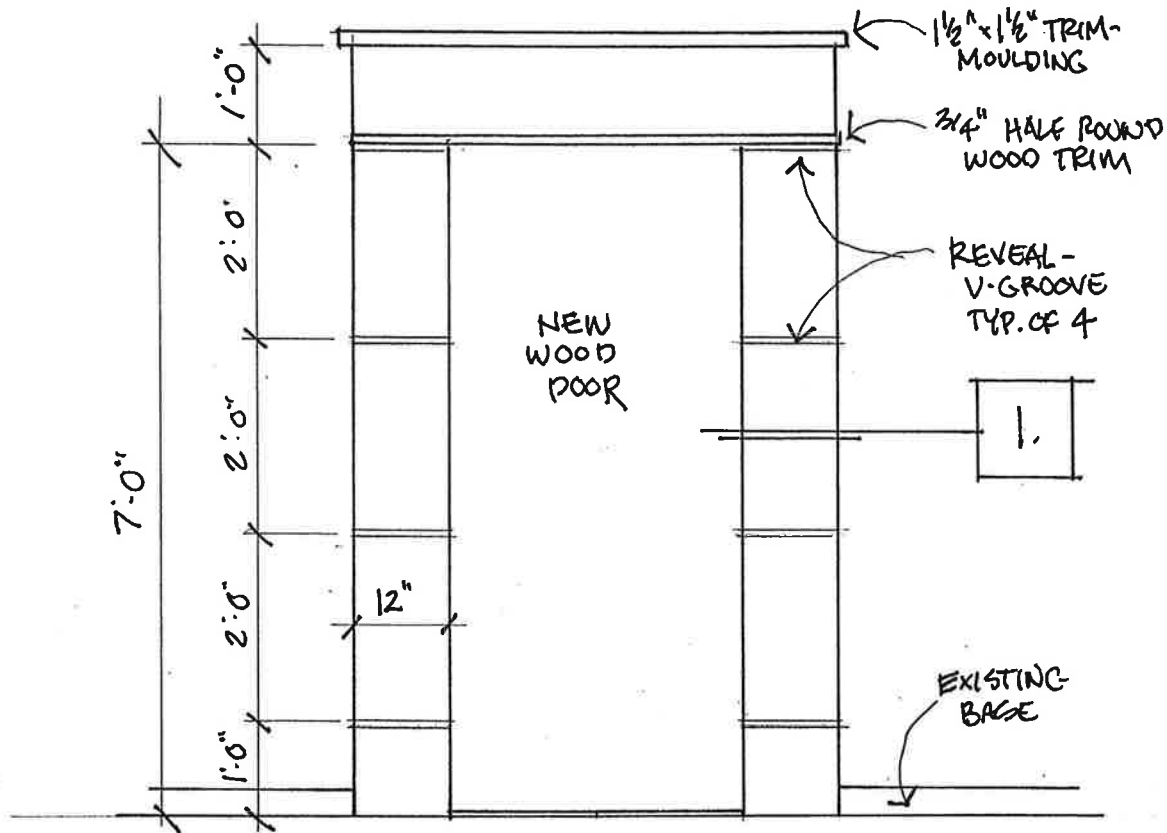
Date

Project # / Phase

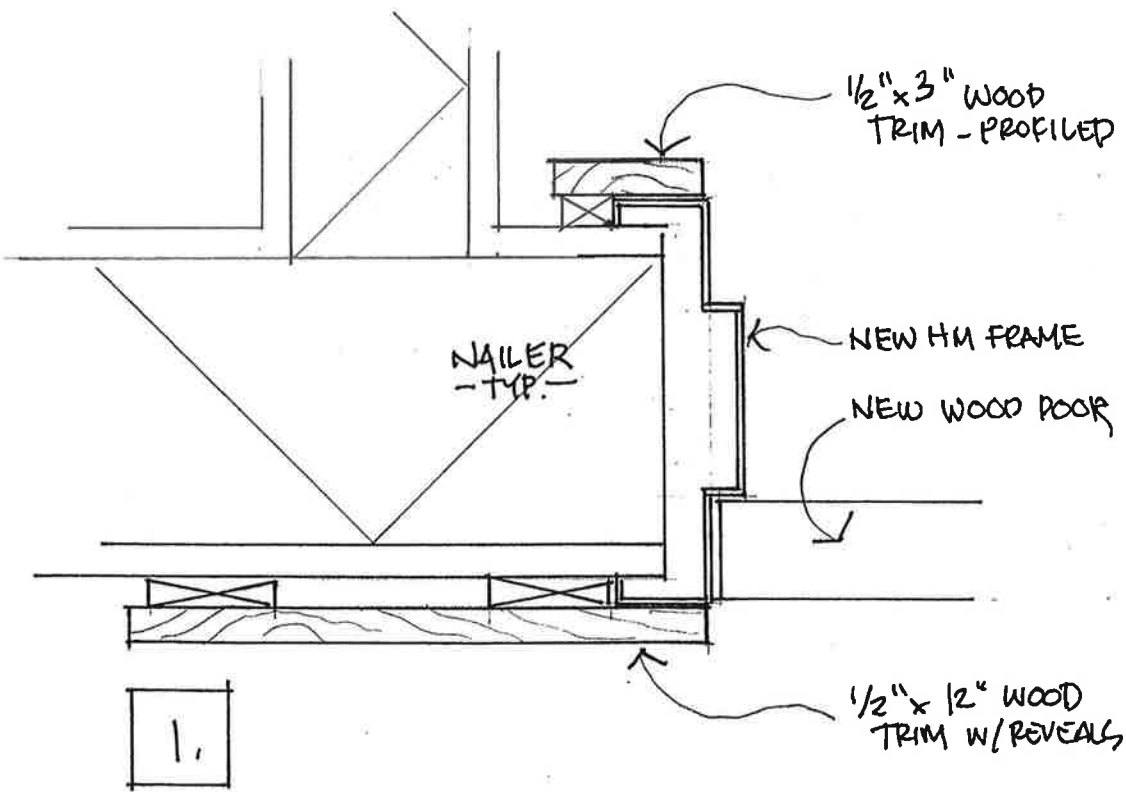
Project Name



Detail ← TYP. GUARDRAIL @ STAIR



Date _____
Project # / Phase _____
Project _____



detail SUITE DOOR TRIM - TYP.

700 Q Street
Lincoln, NE 68508
T: 402.476.7331
F: 402.476.8341

601 E Locust Street
Suite 202
Des Moines, IA 50309
T: 515.244.7640
F: 515.244.7642

www.sinclairhille.com



DATE ISSUED April 13, 2012

ADDENDUM # 4

ENGINEER Engineering Technologies, Inc.
825 M Street, Suite 200
Lincoln, NE 68508

PROJECT UNL Devaney Center Improvement Project

ETI PROJECT # 2011-016

The Architect issues this Addendum to all known bidders before receipt of proposals. Bidder shall acknowledge the receipt of this addendum on their proposal sheet and all information contained herein shall become a part of the contract documents.

ADDENDUM:

PRIOR APPROVAL – MECHANICAL

- 1. The following manufacturers have received prior approval for bidding purposes subject to shop drawing review:

Table with 3 columns: Equipment, Manufacturer, Approval. Row 1: Floor Drains/Area Drains/ Floor Sinks/Roof Drains/ Cleanouts/ Fixture Supports/ Shock Arrestors/Interceptors/ Hydrants, Watts, Approved.

GENERAL ITEMS – MECHANICAL

- 1. UNL is responsible for any modifications to the lawn sprinkler system due to landscaping changes.

SPECIFICATIONS – MECHANICAL

- 1. Section 23 3100 – HVAC DUCTS AND CASINGS
A. Revise section 2.04 paragraph C to read as follows:
C. Ductwork downstream of VAV boxes as well as ductwork connected to individual exhaust fans shall be 1” pressure class. Ductwork to be fabricated and supported in accordance with SMACNA HVAC Duct Construction Standards, this includes all joints, hangers and duct reinforcement.

DRAWINGS – MECHANICAL

- 1. Sheet M303 – Catwalk Level Plan - HVAC
A. Added exhaust grilles and ductwork to serve the new Storage Rooms west of the Club Level.
B. See attachment 1M.
2. Sheet M401 – Enlarged Mechanical Room 138 – Mechanical & HVAC
A. Note 25 references sheet M204. See addendum #3 for sheet M204.
3. Sheet M408 – Enlarged SW Mechanical Room 540 – Mechanical & HVAC
A. Revised exhaust duct size from 14 x 12 to 14 x 14. See attachment 2M.
4. Sheet M600 – Mechanical Schedules
A. EF-6 has changed from a Z102HTDA to a ZC10. See attachment 3M.
5. Sheet M601 – Mechanical Details
A. The duct liner shall be removed from the Regain Box Detail. The Regain box shall be insulated with 1-1/2” duct wrap insulation to match the supply ductwork.

ELECTRICAL QUESTIONS / ANSWERS

- 1) Q: On Sheet E302.B the two floor boxes in Volleyball Reception 340 have a Sheet Note #17. There is no Note #17 shown on the sheet. Please advise.
A: Note 17 added below.
- 2) Q: On sheet E303.B there is a Sheet Note #15 pointing to a horn/ strobe fire alarm device. There is no Note #15 shown on the sheet. Please advise.
A: Note should be #13.
- 3) Q: On sheet E500 Detail L1 BCU-2 is shown. But there is no Panel designation shown? What Panel are we supposed to connect to? Please advise.
A: Connect to Panel OLTC. Add one (1) 15A, 1-pole breaker.
- 4) Q: On Sheet E201.A in Room 238 there are (3) 35c fixtures shown. They do not appear to be the same fixture as shown on the Fixture Schedule. Are these 35c fixtures part of the track lighting in this room or something different? Please clarify.
A: Fixture shall be type 52, see Fixture Schedule note below.
- 5) Q: The Interior Light Fixture Schedule does not have Types 9E, 4R, 4S, or 41A. However these fixture types are shown on Sheets E200.A, E200.B, E201.A, E201.B, E202.B Please advise.
A: See Fixture Schedule items below for Types 9E and 4R. Type 4S on sheet E202.B should be Type 4. Type 41A on sheet E200.B should be Type 41.
- 6) Q: On sheet E201.A and E201.B there is reference to Alternate #1 for the concession stand areas. Would it be possible to have details for the lighting similar to those shown for the power for these areas? There is some uncertainty in which lighting fixtures are to be part of base bid, and which ones are to be added, deleted, or moved as part of the alternate.
A: As part of Alternate #1, the lighting in the concessions and corners of the west concourse shall be identical to the east, except the northwest will not have a team store.
- 7) Q: On Electrical Sheet E700 Coordination of Responsibilities For Mechanical, Electrical And UNL Furnished Systems Matrix. It states the Variable Speed Drives VFD Safety Disconnects Are Furnished by BSM/EC. I was wondering which ones EC is to provide and which ones UNL BSM are to provide?
A: VFDs and disconnects are to be furnished by UNL BMS, installed by contractor.
- 8) Q: On sheet E701, E803 and E804 distribution panel boards DHB1 and DHD1 are identified at being furnished by the owner. It is unclear as to which breakers the contractor is to provide as part of this bid to be used in these panels. Please provide additional clarification.
A: On schedules, sheet E701, existing breakers are indicated by Note 2, all other breakers are new.
- 9) Q: On sheet E701 the panel schedule for Panel ED1L shows now active or spare breakers, is this panel to be furnished and installed as an empty panel tub, with bare interior?
A: Panel is existing, schedule to be deleted.
- 10) Q: On sheet E702 the following electrical panel schedules are show, however, these panels are not shown or clearly identified on the one-line drawings, E800, E801, E802, E803, or E804. Panel schedules in reference are Panel LA3b, Panel L-PT, and Panel PLP. Please provide additional information as to where these panels are located, and being fed from.
A: Panel LA3B was added to riser in previous Addendum. Panel L-PT is existing shown on sheet E504, fed from Existing Panel H-PT. Panel PLP is shown on Site Plan sheet E001.
- 11) Q: On sheet E803 there is a transformer show fed from Panel HA4A feeding Panel LA4A, what is the designation for this transformer?
A: This is XFMR T-LA4A, reference previous Addendum.
- 12) Q: On sheet E803 there is a transformer TA5 feeding an existing 400A disconnect, should this transformer be labeled TA8?
A: Yes, this is XFMR TA8, shown on sheet E300.A.
- 13) Q: On Sheet E303.B Column Line 8 &M there is three Homeruns shown going to WWA-SW-L. Are these three homeruns supposed to go to WWB-SW-L?
A: Yes, these three (3) circuits should connect to Panel WWB-SW-L.

GENERAL ITEMS – ELECTRICAL

1. Provide power connection to all game clocks in Media 188, Volleyball Locker 107A, Lockers 133A, B, C. Connect to newest receptacle circuits.

PRIOR APPROVAL - ELECTRICAL

1. The following manufacturers have received prior approval for bidding purposes subject to shop drawing review:

A. Types 4, 4E, 4D	Williams
B. Type 9	Williams
C. Type 10	Metalumen, Linear, Alera
D. Type 11	Luminaire, Williams
E. Types 13, 13D	Light Alarms
F. Types 16, 16D, 16P, 16PD	Light Alarms
G. Type 18	Luminaire, Williams
H. Type 19	Williams
I. Types 22A, B, D, E	Juno
J. Type 24	Prudential
K. Type 25A, B	IO Lighting
L. Type 26	Alkco, Kenall
M. Types 31A, B	Columbia
N. Types 35A, B, C	Prudential
O. Type 38	DMF Lighting
P. Type 42	Cooper
Q. Type 43	McPhilben
R. Types 50, 51	Con-Tech
S. Type A, B	Gardco

SPECIFICATIONS – ELECTRICAL

- Section 26 0534 - Conduit
 - Delete Paragraph 2.2 D.4.
 - Delete Paragraph 2.2 D.5.
- Section 26 0545 – Pathways for Communications and Security Systems
 - Paragraph 3.1 C: Change boxes to 1½” deep.

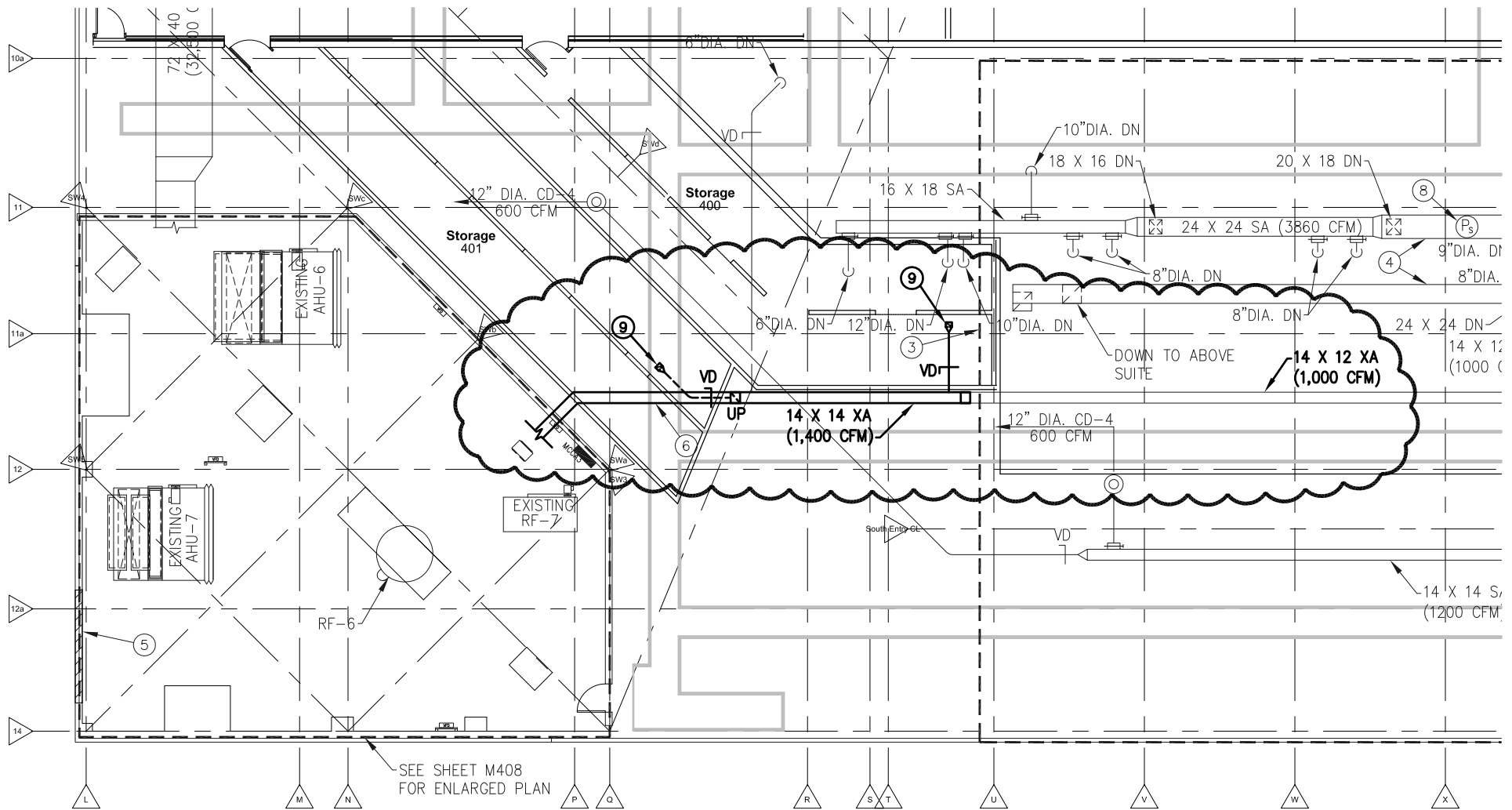
DRAWINGS – ELECTRICAL

- Sheet E100.A – Arena Level Electrical Demolition Plan – Area A
 - Central Concessions 136: Disconnect power to work island counter that is being removed, existing outlets on columns are to remain.
 - Arena 130: Disconnect overhead door at east wall, near match line, into dock area. Remove circuit to source.
 - Remove existing lighting in north track corridor, sixteen (16) 4ft, 2-lamp fluorescent troffers and exit lights.
- Sheet E200.A – Arena Level Lighting Plan – Area A
 - Add new lighting to north track corridor as shown on Attachment E3.
 - Gymnastics 176A:
 - Add Type 53 LED fixtures for backlit panels above lockers, as shown on detail A11/E600. Connect fixtures to circuit LC1B-32 and add a switch at the door for control. Reference Architectural Plans for locker quantity and layout.
 - Add type 28 light fixtures centered above each locker, connect to same circuit and switch as Type 53 fixtures. Reference Architectural Plans for locker quantity and layout.
- Sheet E200.B – Arena Level Lighting Plan – Area B
 - West Corridor: Change Type 41A fixtures to Type 41.
 - Lounge 107: Add two (2) Type 54 light fixtures at south wall, reference C15/A503 and G16/A600. Fixtures shall be connected to circuit HB1A-4 in this room and connected through Lounge Scene Controller on dimming relay.
- Sheet E201.A – Concourse Level Lighting Plan – Area A
 - Team Store 238: Change Type 35 fixtures to Type 52. Add three (3) Type 34 fixtures to north/south track selection. Add two (2) switches at west wall, switches (c,d) shall control north 2-circuit track, switch (e) shall control Type 52 fixtures.
 - Vestibule 252: Add one (1) 277V, 20A circuit HC1A-40 (LCPC1-31) above vestibule. Contractor to provide connection and installation of decorative lighting element.
- Sheet E201.B – Concourse Level Lighting Plan – Area B
 - Concourse 200: Add twelve (12) Type 22B fixtures at trophy cases, adjacent to current fixtures.

- B. Storage 201, 201A, 211 – Add one (1) 3-way switch at new door and replace existing switch with new 3-way switch. Re-circuit fixtures as required for 3-way switching.
6. Sheet 202.B – Seating Level Power Plan – Area B
 - A. Lounge 320: Add one (1) 277V, 20A circuit HA3A-7 (LCPA3-17) at south sloped ceiling, contractor to provide connection and installation of decorative lighting element to be provided by Owner.
 - B. Corridor 300D: Change Type 4S fixture to Type 4.
 - C. Add lighting in Storage 400, 401, 430 as shown on Attachment E1.
 7. Sheet E300.A – Arena Level Power Plan – Area A
 - A. Central Concession 136: Delete six (6) receptacles at center island, circuits LD1C-7, 9, 19, 21, 23, breakers shall become spares.
 - B. Receiving 136A: Add connection to Garage Door (GD) at south wall. Circuit to 20A, 1-pole breaker in Panel LD1C and install pushbutton station (Sheet Note 23).
 - C. Marketing 133D: Change circuit to two (2) quad outlets to LD1A-17.
 8. Sheet E300.B – Arena Level Power Plan – Area B at southwest Vomitory AV “JBT”
 - A. Arena 130: Add three (3) quad outlets, each with dedicated circuits, to Panel LA1A.
 - B. Media 188: Add three (3) quad outlets at east wall AV “JBT”, each with dedicated circuits, to Panel LB1A.
 9. Sheet E302.B – Seating Level Power Plan – Area B
 - A. Add Note 17 to read, “Coordinate exact location of floor box with Owner’s furniture layout prior to rough-in.”
 - B. Add receptacles in Storage 400, 401, 430 as shown on Attachment E2.
 - C. Elec 313B: Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLTA3.
 10. Sheet E303.A – Catwalk Level Power Plan – Area A
 - A. Mechanical 320: Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLD1.
 - B. Mechanical 330: Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLTC1.
 11. Sheet E303.A – Catwalk Level Power Plan – Area A
 - A. Mechanical 310: Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLA1.
 - B. Mechanical 340: Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLB1.
 12. Sheet E500 – Enlarged Arena Level Electrical Plans – Areas A & B
 - A. Mechanical 118:
 - 1) Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLA1.
 - 2) Add a 120V, 20A circuit to for Hydronic Controls, coordinate with UNL BMS. Circuit to Panel OLA1.
 - B. Mechanical 138:
 - 1) Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLD1.
 - 2) Add a 120V, 20A circuit to for AHU Controls, coordinate with UNL BMS. Circuit to Panel OLD1.
 - C. Mechanical 162:
 - 1) Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLTC1.
 - 2) Add a 120V, 20A circuit to for AHU Controls, coordinate with UNL BMS. Circuit to Panel OLTC1.
 - D. Mechanical 198:
 - 1) Add a 120V, 20A circuit to above door for Room Controls, coordinate with UNL BMS. Circuit to Panel OLB1.
 - 2) Add a 120V, 20A circuit to for AHU Controls, coordinate with UNL BMS. Circuit to Panel OLB1.
 13. Sheet E600 – Electrical Risers, Details, and Symbols
 - A. Riser Diagram E8: Note 5 shall be connected to ATS-1, connect all house lighting control panels to receive contact closure from ATS. Upon switchover to emergency power, all emergency relays shall be turned on.
 - B. Scene Control Diagrams A1 & A6: Note 5 Relay control panel shall be located in Mechanical 198.
 14. Sheet E700 – Electrical Schedules
 - A. Light Fixture Schedule:
 - 1) Add Type 4R: Shaper: 340-6-CFL/1/32-277-SCSF-CYF-CRT
 - 2) Add Type 9E: Portfolio: C6118-E-6251-H-GTD
 - 3) Change Type 27F to: Metalux: 8AV-217-UNV-EB8-WH
 - 4) Add Type 52: Omega: OR212-32PLT-Finish-Poly-A-CL-LED12
 15. Sheet E701 – Electrical Schedules
 - A. Switchboard MSA: Circuit #21 (ATS #1) Change feeder to 4-500MCM & #1 ground in 3½” conduit.
 - B. Panel HC1A: Change to 60-pole and add nine (9) spare 20A, 1-pole breakers.
 - C. Panel HA1B: Change to 65kAIC rated.
 - D. Panels HA4A, HB1A, HC4A, HD1A: Change to 35kAIC rated.

- E. Panel H-PT: Circuit #2 (AHU-27), change to a new 20A, 3-pole breaker.
16. Sheet E702 – Electrical Schedules
- A. Panels LA1A, LC1A, LC1B, LC1C: Change to 22k AIC rated.
 - B. Panels OMHA, OMHC: Change to 35k AIC rated.
17. Sheet E802 – Emergency System Electrical Riser Diagram
- A. Change Sheet Note 23 to read “4-3/0 AWG conductors, #3 ground in 2 ½” conduit.

END OF ADDENDUM



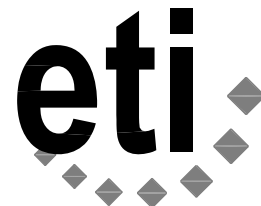
SHEET NOTES

- 9. 8 X 6 EXHAUST AIR GRILLE TYPE 4 (XA-4), BALANCE TO 200 CFM. EXTEND 8"DIA. DUCT AS SHOWN.

DEVANEY SPORTS CENTER IMPROVEMENTS
 STORAGE ROOMS
 UNL PROJECT C100P098

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

ADDENDUM #4



Engineering Technologies Inc.
 Mechanical & Electrical Building Solutions

825 M Street, Suite 200 | Lincoln, NE 68508
 P 402.476.1273 | F 402.476.1274

4559 South 133rd Street | Omaha, NE 68137
 P 402.330.2772 | F 402.330.2630

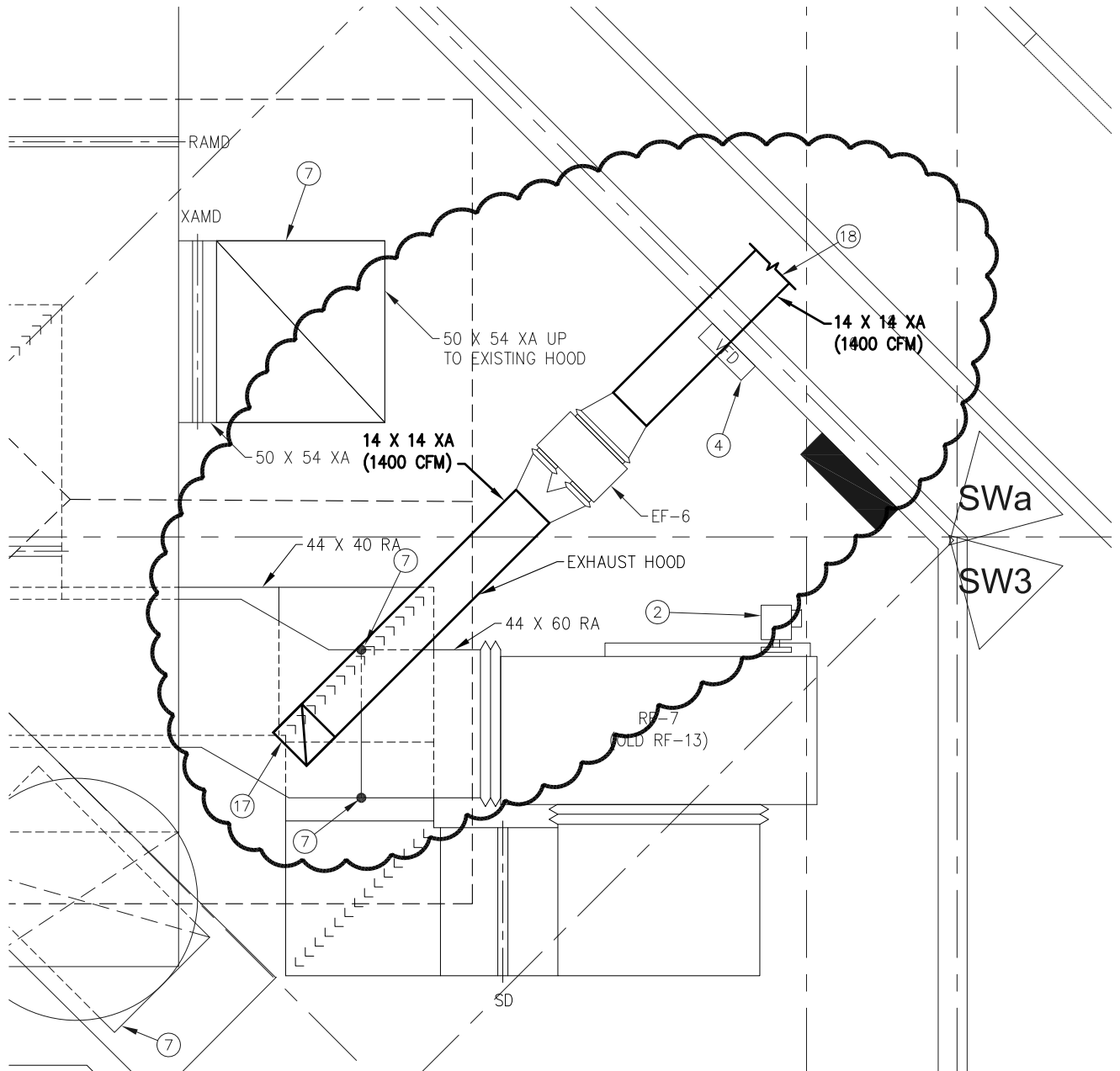
ETI Project No: (2011-016)

04.13.12

SHEET
M303
 ATTACHMENT NO.

1M

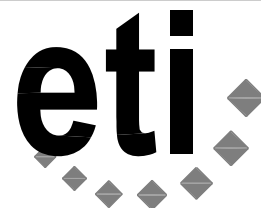
TLD



DEVANEY SPORTS CENTER IMPROVEMENTS
STORAGE ROOMS
UNL PROJECT C100P098

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

ADDENDUM #4



Engineering Technologies Inc.
Mechanical & Electrical Building Solutions

825 M Street, Suite 200 | Lincoln, NE 68508
P 402.476.1273 | F 402.476.1274

4559 South 133rd Street | Omaha, NE 68137
P 402.330.2772 | F 402.330.2630

ETI Project No: (2011-016)

04.13.12

SHEET

M408

ATTACHMENT NO.

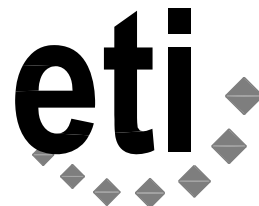
2M

TLD

EXHAUST FAN SCHEDULE

MK	DRIVE	CFM	S.P. IN W.G.	MOTOR DATA					ROOF, WALL OR CLG. MOUNTED	MANUFACTURER/ MODEL NO.	AREA SERVED	LOCATION
				HP	VOLT	PH	RPM	SONES				
EF-1	BELT	4600	1.0	1-1/2	480	3	1800	19	MIXED FLOW	PENNBARRY/ESI222	GYMNASTS/SWIM	MECHANICAL 162
EF-2	DIRECT	300	.27"	FRAC.	120	1	1550	4.0	CLG.	PENNBARRY/Z8HTDA	ELEV. EQUIP ROOM 118A	MECHANICAL 118
EF-3	BELT	3900	.75"	2	480	3	1750	25.1	FLOOR	PENNBARRY/D15	EAST CONCOURSE	FAN ROOM 380
EF-4	BELT	3000	.75	1	480	3	1430	20.6	FLOOR	PENNBARRY/D15	WEST CONCOURSE	FAN ROOM 390
EF-5	DIRECT	200	.30	FRAC.	120	1	1050	2.9	INLINE	PENNBARRY/Z81STDA	ELEV. EQUIP. 144	MECHANICAL 138
EF-6	BELT	1400	.75	1/2	120	1	910	13.6	INLINE	PENNBARRY/ZC10	CLUB LEVEL	MECHANICAL 540
EF-7	DIRECT	1600	.5"	1/4	120	1	860	9.5	SIDEWALL	GREENHECK/CW-161-C	CONCESSIONS EXPANSIONS 136B	CONCESSIONS EXPANSIONS 136B

DEVANEY SPORTS CENTER
IMPROVMENTS
UNL PROJECT C100P098



Engineering Technologies Inc.
Mechanical & Electrical Building Solutions
 825 M Street, Suite 200 | Lincoln, NE 68508
 P 402.476.1273 | F 402.476.1274
 4559 South 133rd Street | Omaha, NE 68137
 P 402.330.2772 | F 402.330.2630
ETI Project No: (2011-016)

04.13.12

SHEET
M600

ATTACHMENT NO.

3M

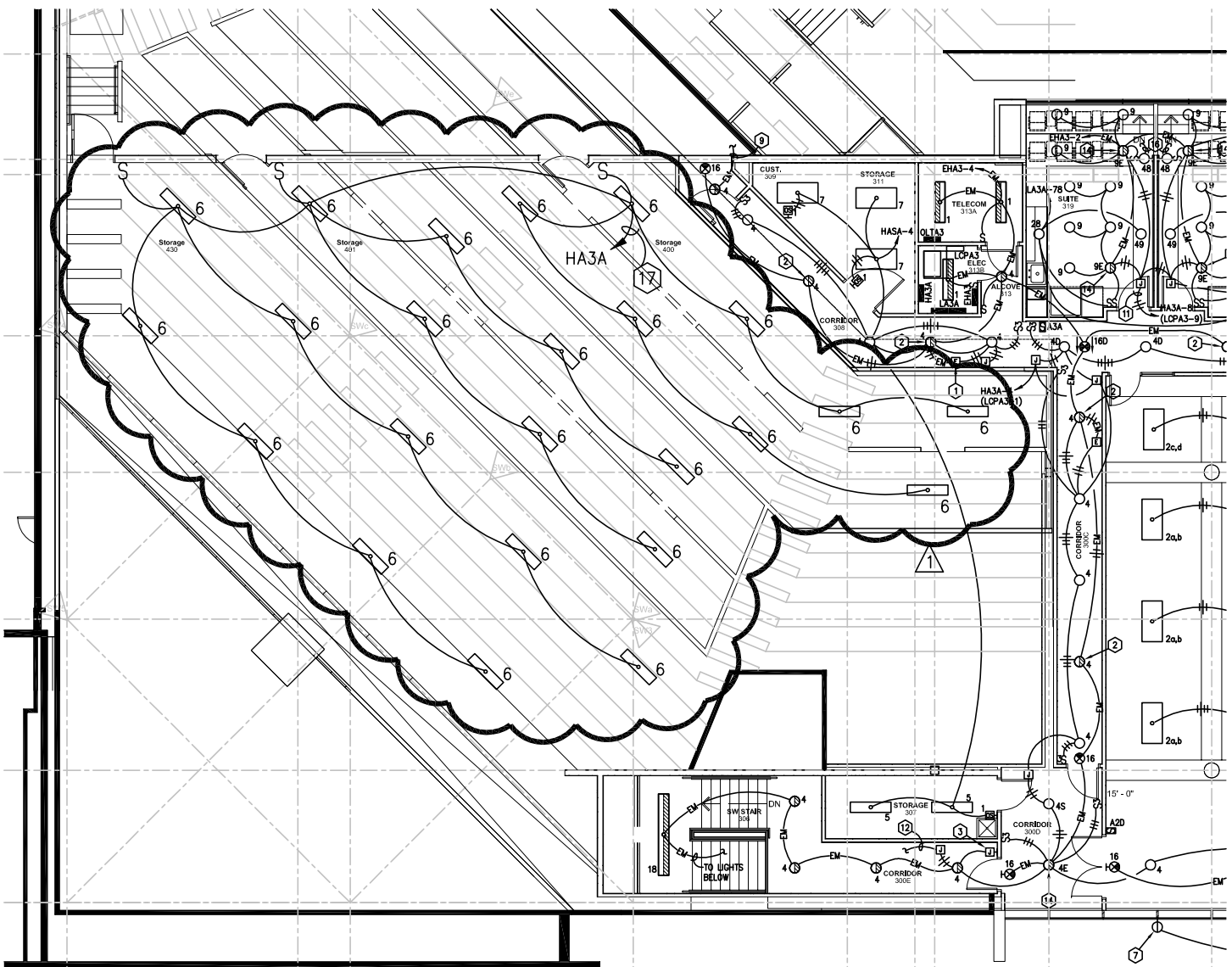
TLD

SCALE: NONE

ADDENDUM #4

SHEET NOTES

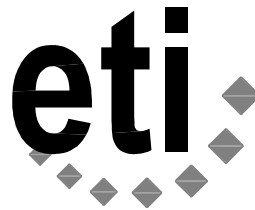
- CONNECT TO SPARE 20A/1P BREAKER IN PANEL "HA3A".



DEVANEY SPORTS CENTER
 IMPROVEMENTS
 Seating Level Lighting Plan - Area B

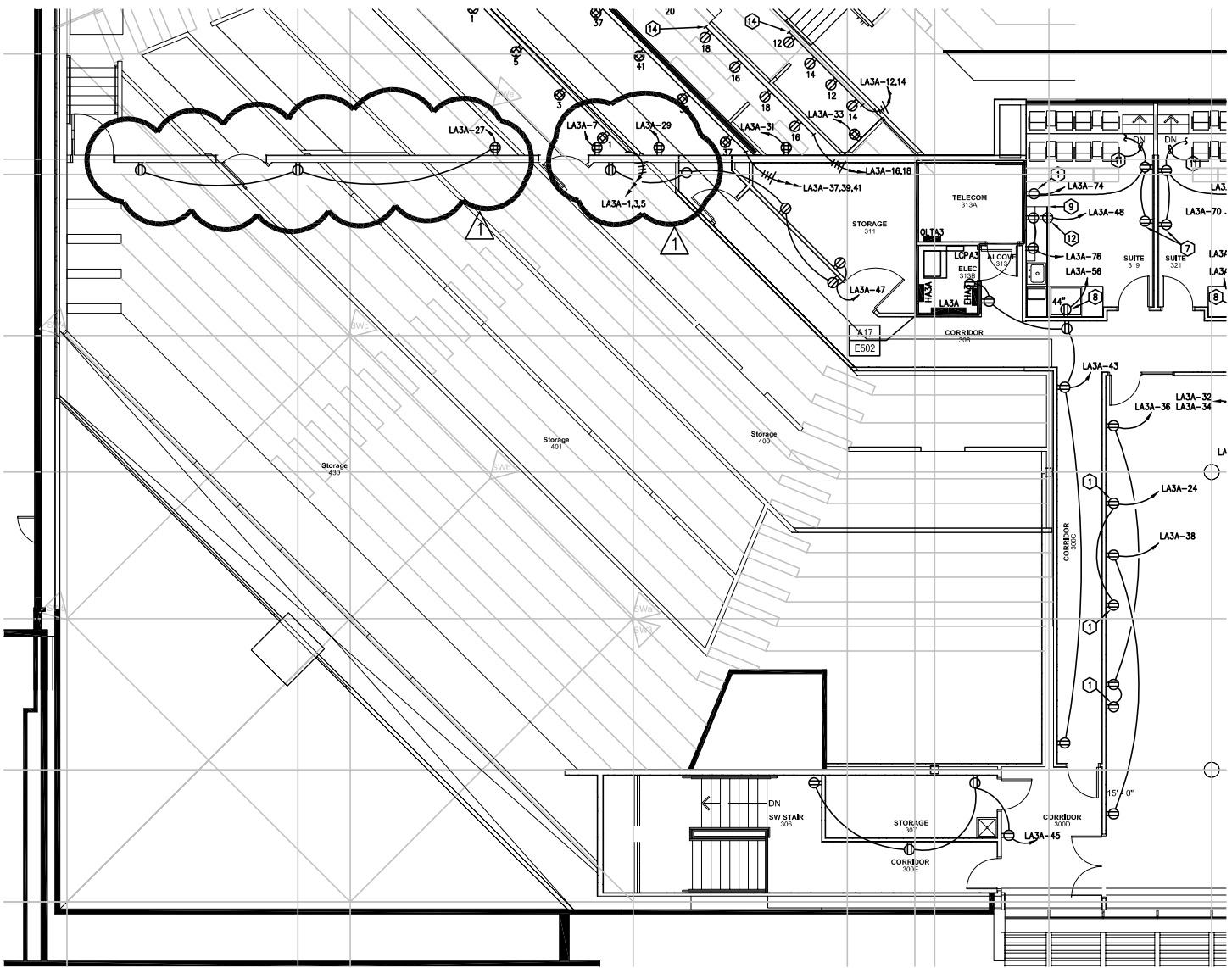
SCALE: 1/16" = 1'-0"

ADDENDUM #4



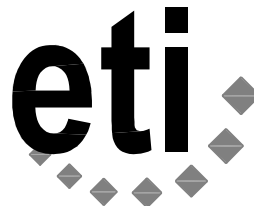
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 Mechanical & Electrical Building Solutions
 4559 South 133rd Street | Omaha, NE 68137
 P 402.330.2772 | F 402.330.2630
 825 M Street, Suite 200 | Lincoln, NE 68508
 P 402.476.1273 | F 402.476.1274
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04/12/12
 SHEET
E202.B
 ATTACHMENT NO.
E1
 CDE



DEVANEY SPORTS CENTER
IMPROVEMENTS
Seating Level Power Plan - Area B

SCALE: 1/16" = 1'-0" ADDENDUM #4



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Mechanical & Electrical Building Solutions
 4559 South 133rd Street | Omaha, NE 68137
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 825 M Street, Suite 200 | Lincoln, NE 68508
 P 402.476.1273 | F 402.476.1274
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04/12/12
SHEET E302.B
ATTACHMENT NO. E2
CDE

