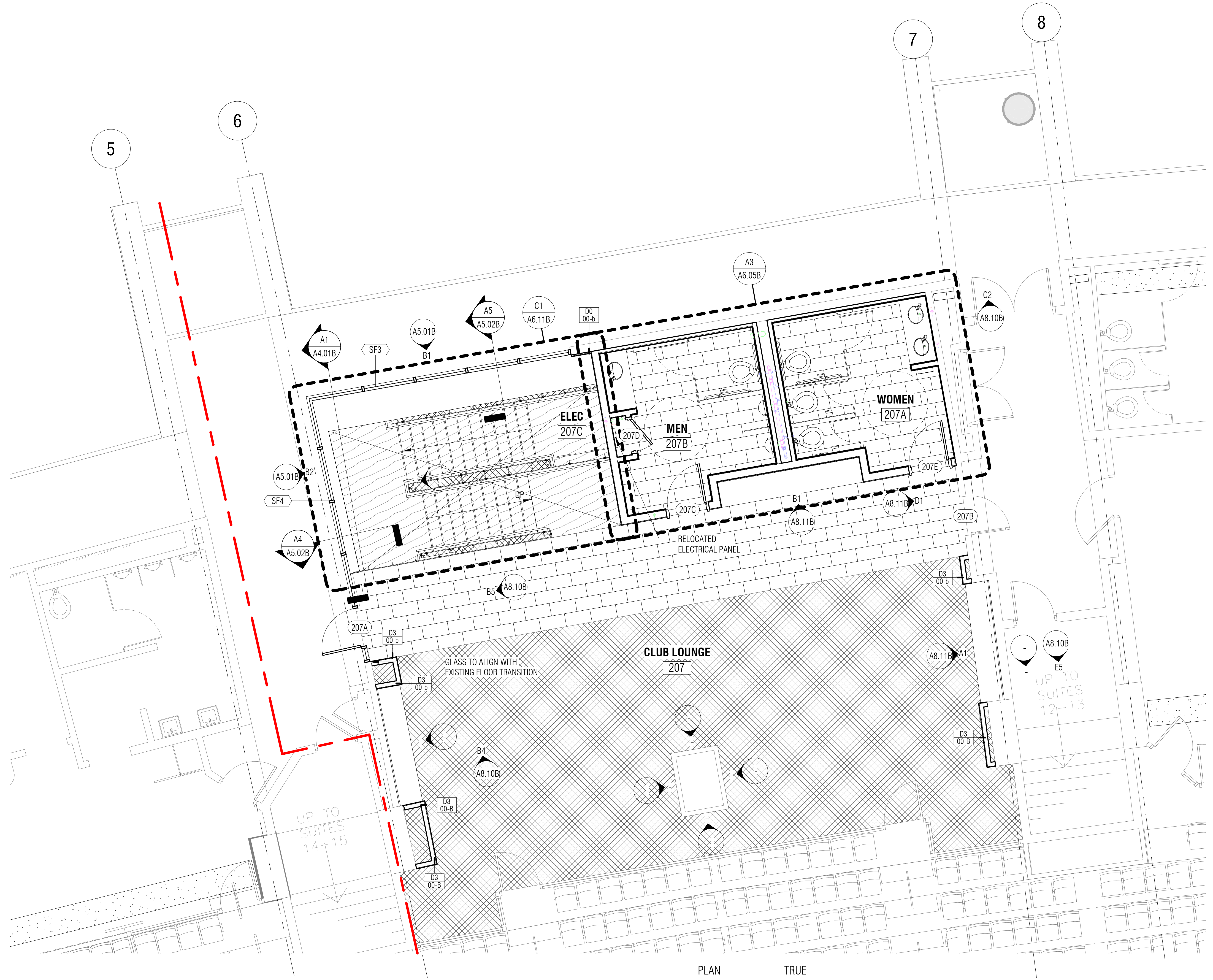
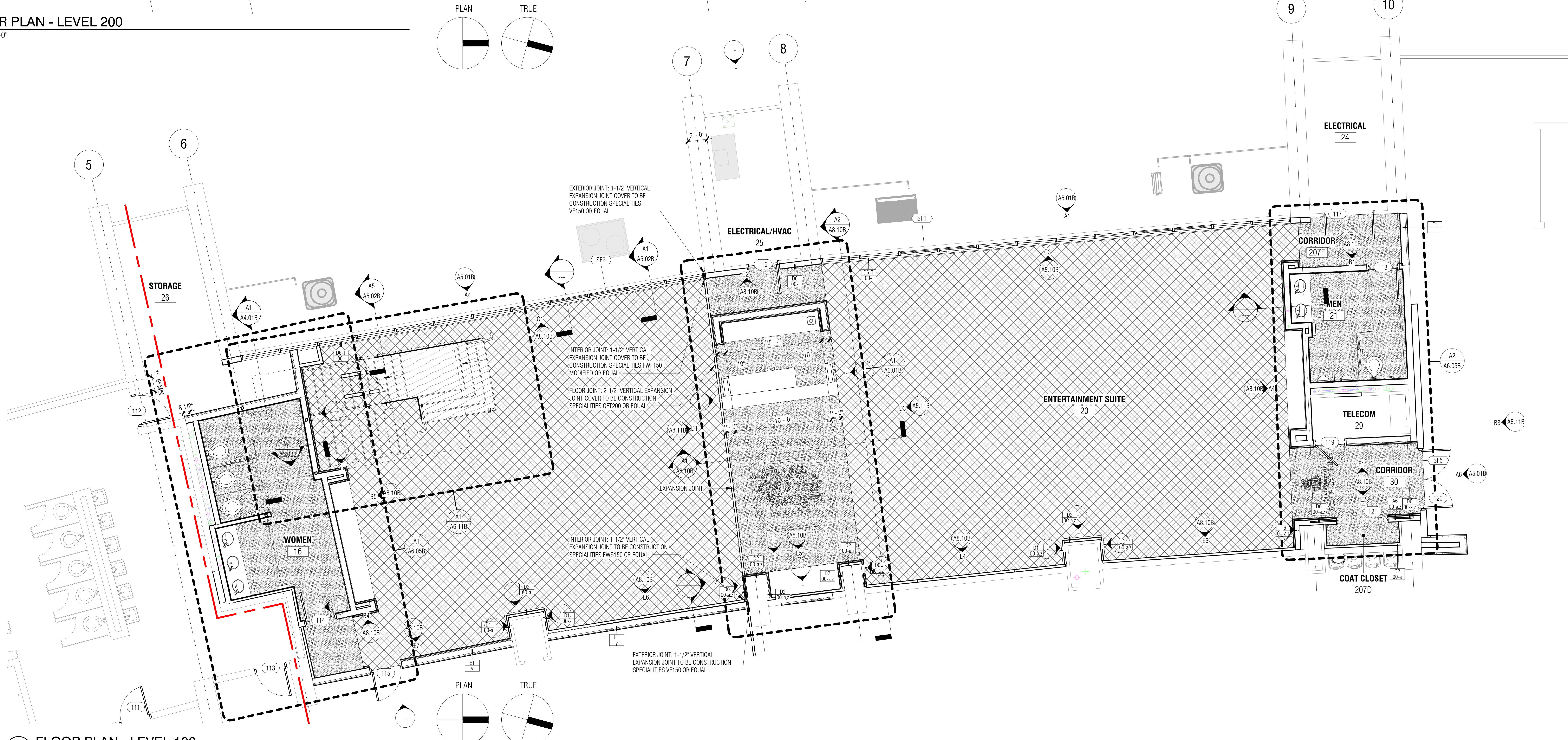


C1 A1.01B FLOOR PLAN - LEVEL 200
3/16" = 1'-0"



A1 FLOOR PLAN - LEVEL 100
3/16" = 1'-0"

FINISH SCHEDULE ENTERTAINMENT SUITE

ROOM		FINISHES		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		
NO.	NAME	FLOOR	BASE	MATL.	FINISH	MATL.	FINISH	MATL.	FINISH	MATL.	FINISH	MATL.	FINISH	REMARKS
LEVEL 01														
16	WOMEN													
20	ENTERTAINMENT SUITE													
21	MEN													
24	ELECTRICAL													
25	ELECTRICAL/HVAC													
26	STORAGE													
27	ELECTRICAL	EXISTING		EXISTING		EXISTING		EXISTING		EXISTING			EXISTING	
29	TELECOM													
30	CORRIDOR													
207D	COAT CLOSET													
207F	CORRIDOR													
LEVEL 02														
207	CLUB LOUNGE													
207A	WOMEN													
207B	MEN													
207C	ELEC													

ARCHITECTURE
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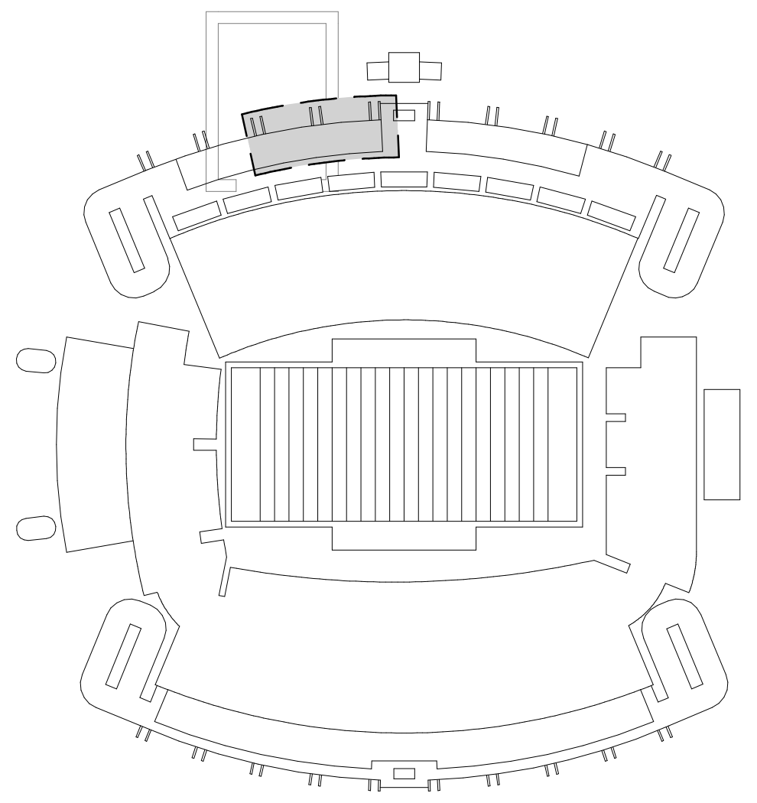
WATSON TATE SAVORY

WILLIAMS-BRICE STADIUM 100 LEVEL AND
SUITE 207 RENOVATIONS

PRELIMINARY- NOT FOR CONSTRUCTION



ISSUE DATE: APRIL 13, 2017
PHASE: CONSTRUCTION DOCUMENTS

#	DATE	REVISION

FLOOR PLANS -
LEVELS 100 & 200

-
STATE PROJECT NO.
1702
WTS PROJECT NO.

A1.01B
SHEET

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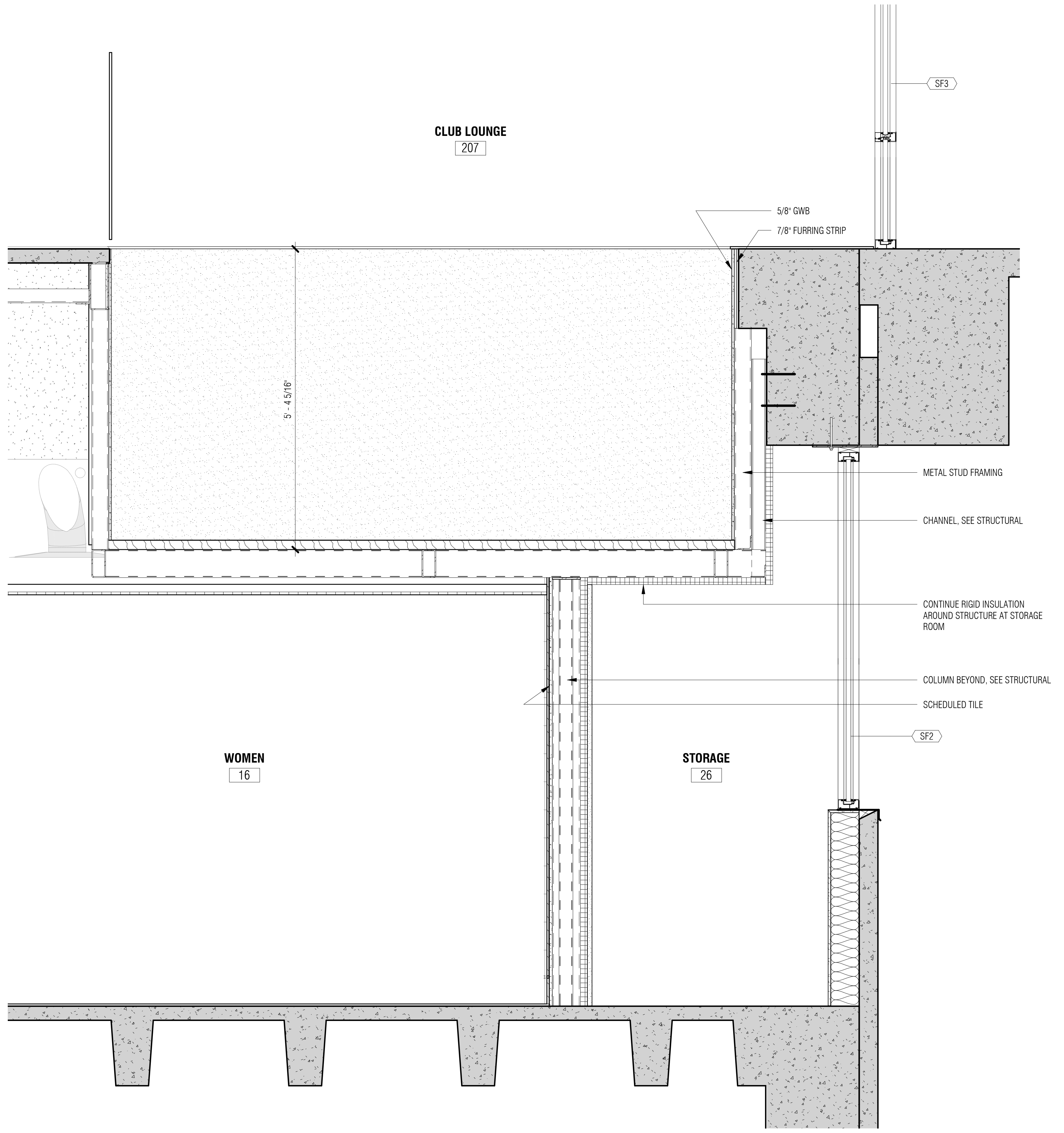

A1
A4.01B
WALL SECTION
3/4" = 1'-0"

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WILLIAMS-BRICE STADIUM 100 LEVEL AND
SUITE 207 RENOVATIONS

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ISSUE DATE: APRIL 13, 2017
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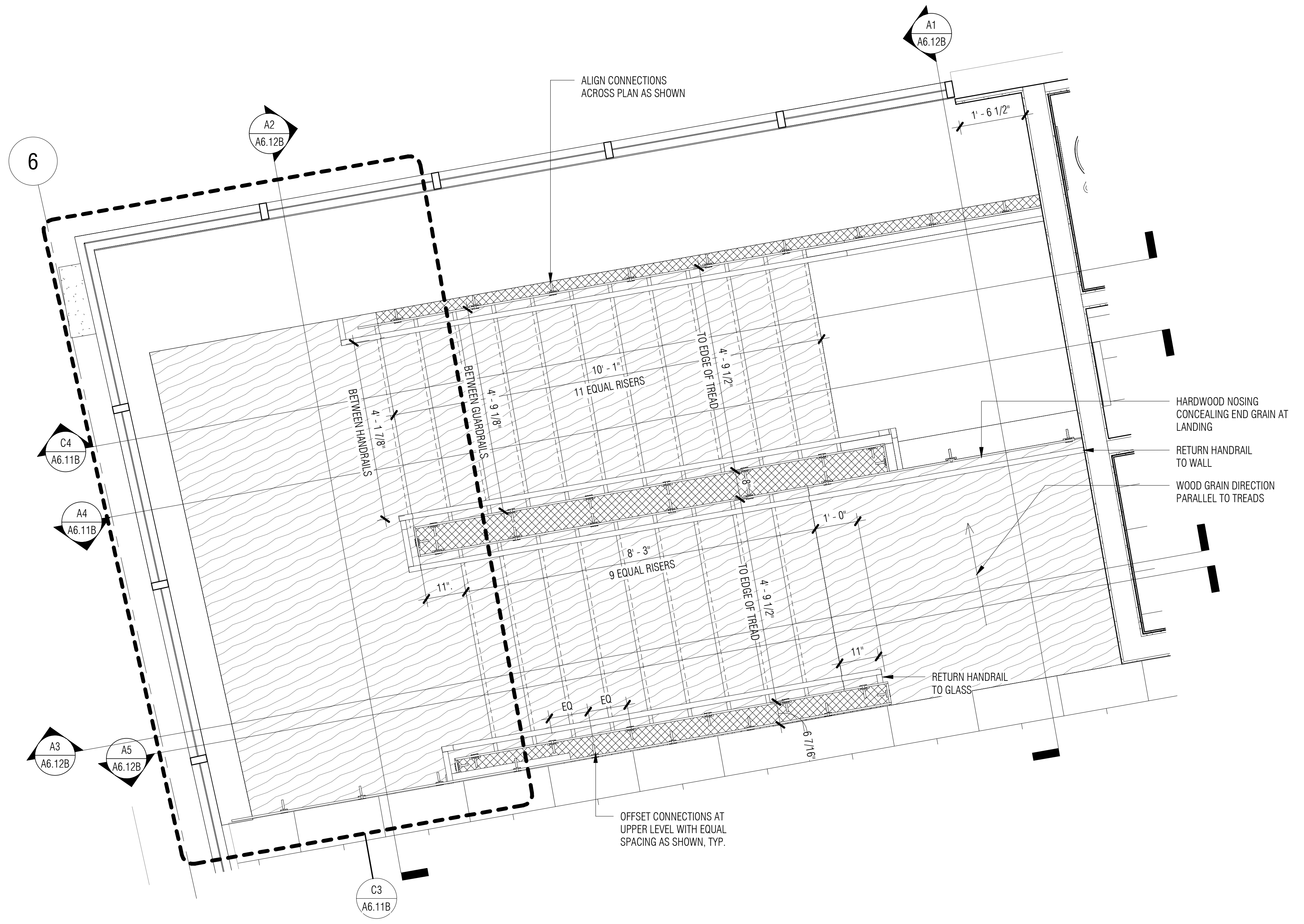
#	DATE	REVISION

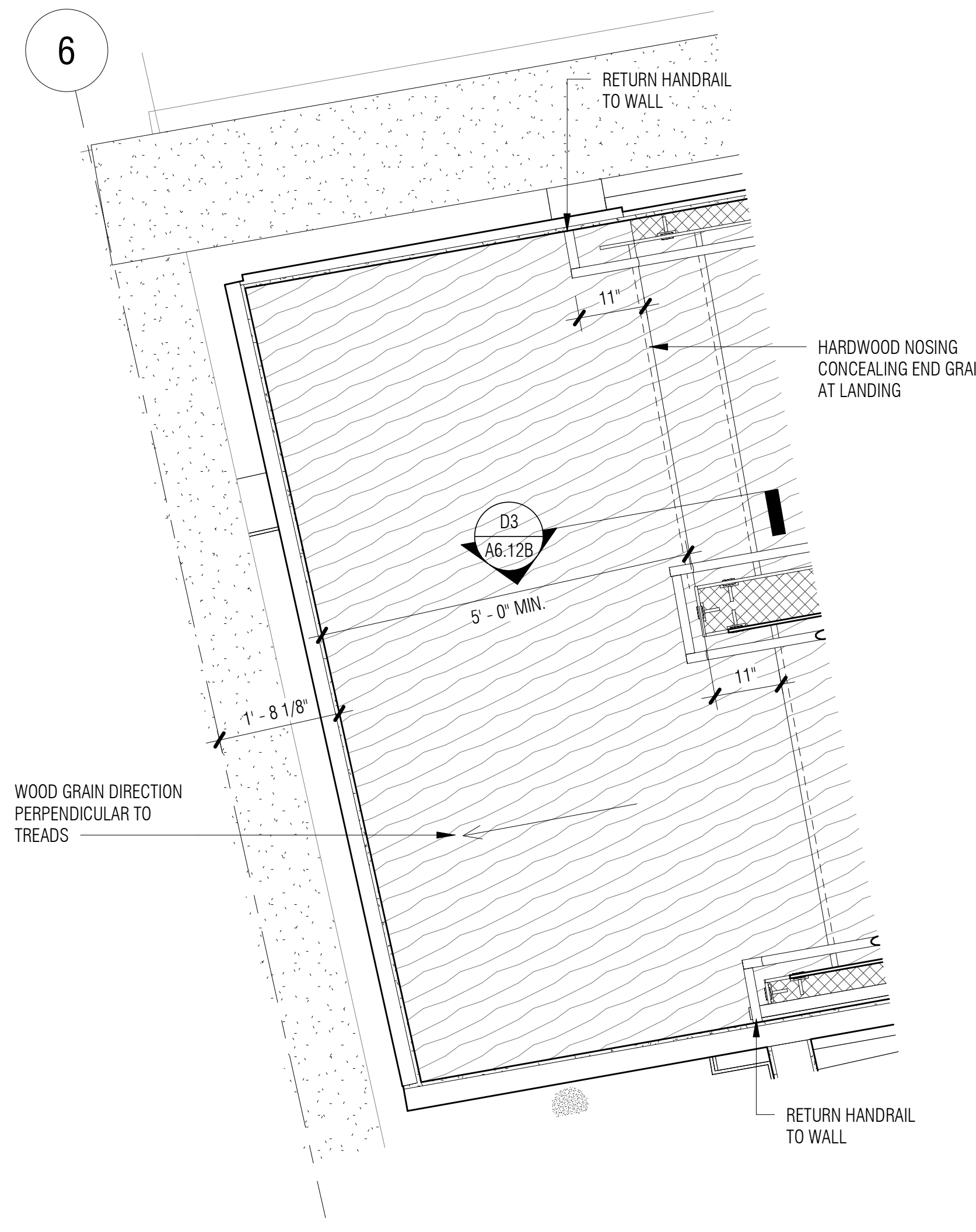
WALL SECTIONS

-
STATE PROJECT NO.
1702
WTS PROJECT NO.

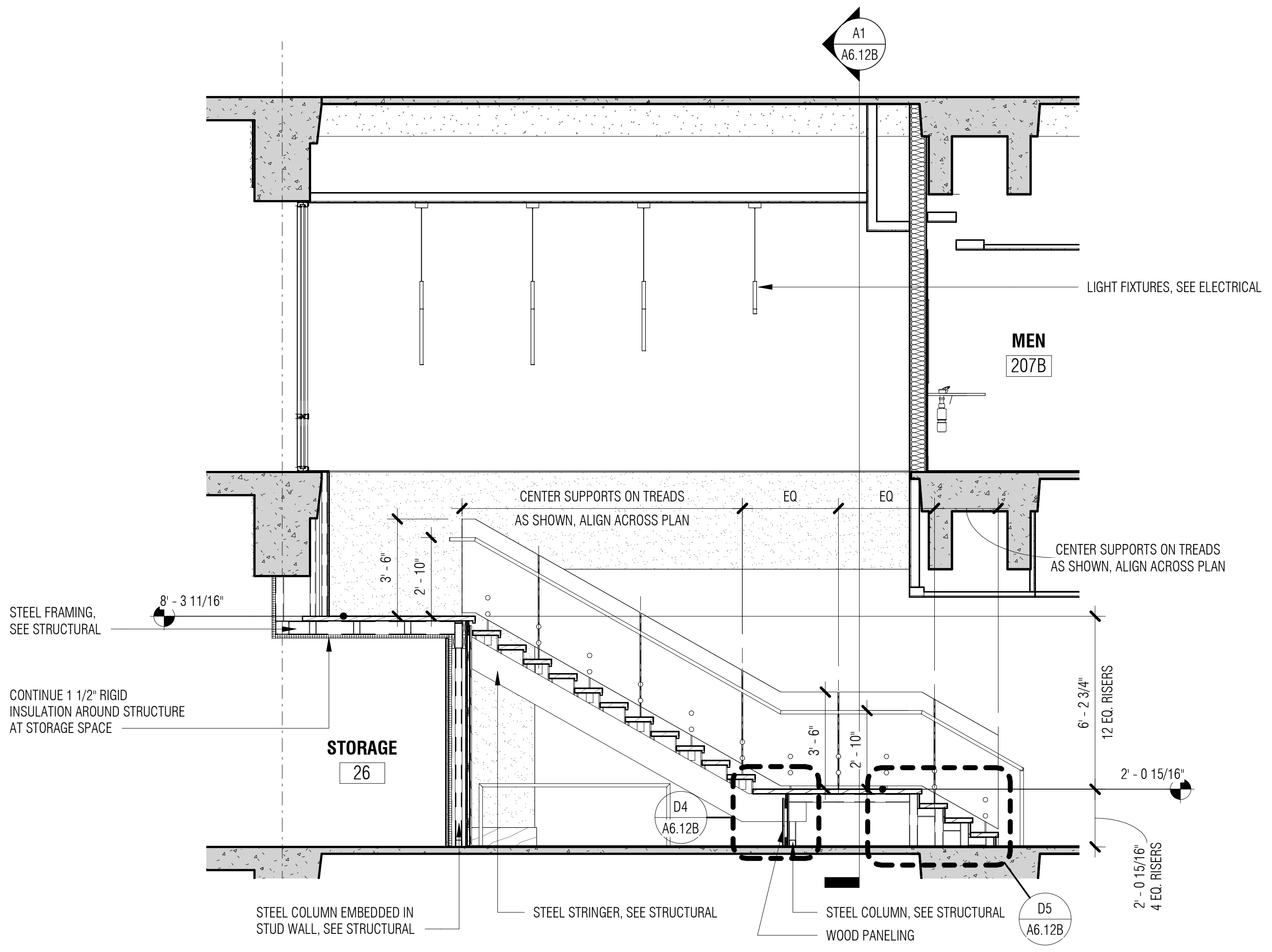
A4.01B
SHEET



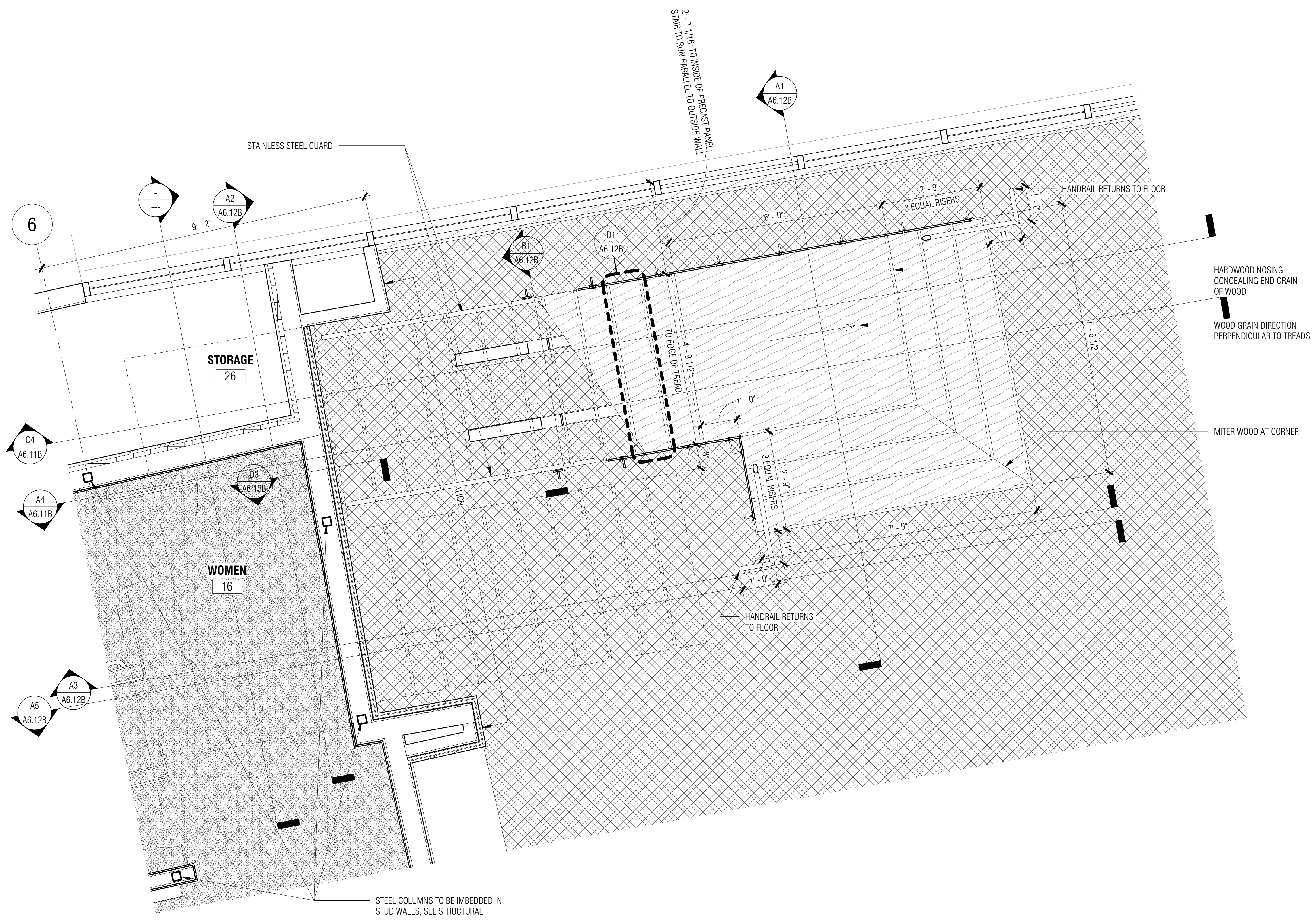
C1 A6.11B **ENLARGED STAIR PLAN - LEVEL 200**
1/2" = 1'-0"



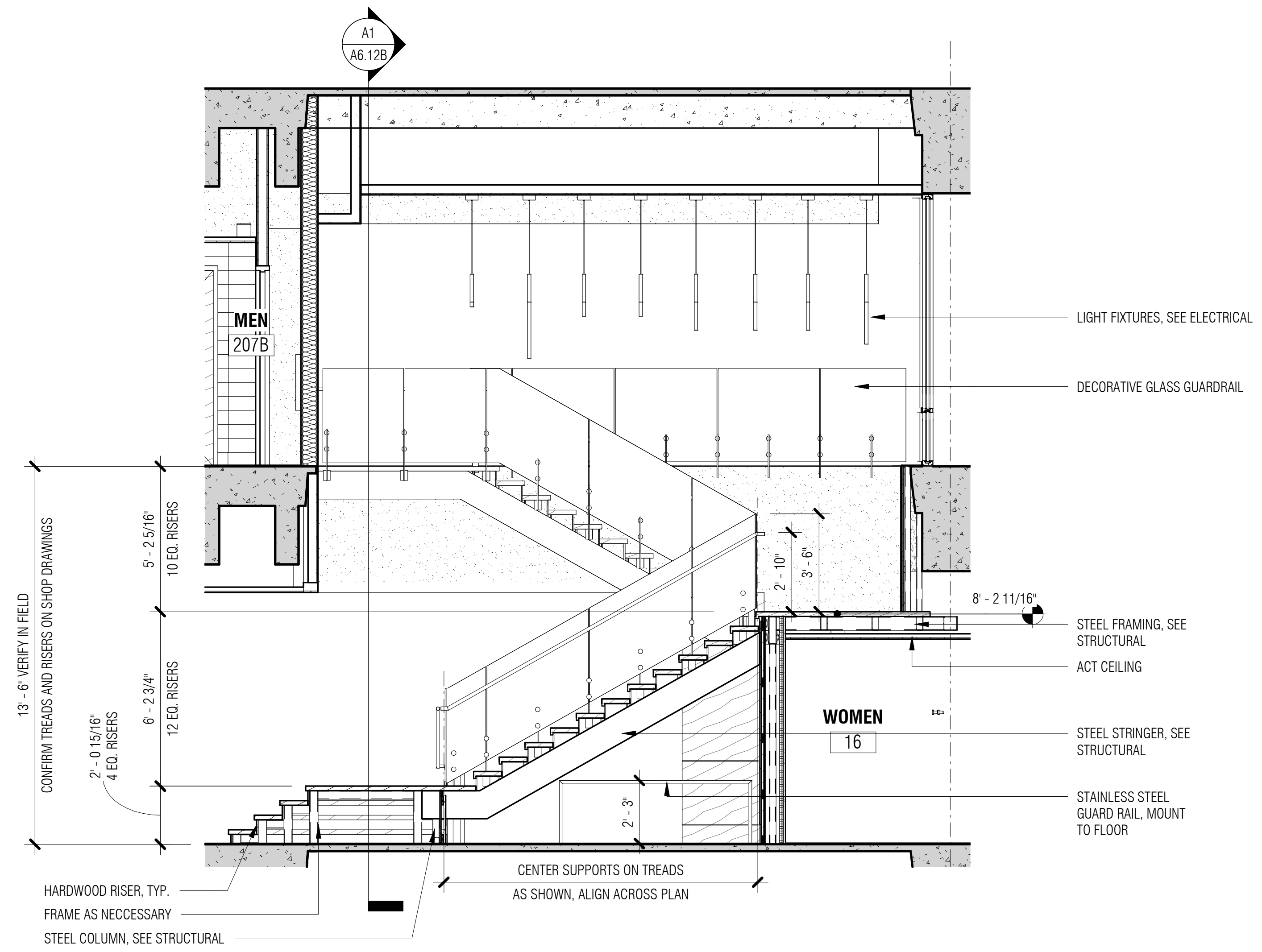
C3 A6.11B **ENLARGED STAIR PLAN AT LANDING**
1/2" = 1'-0"



C4 A6.11B **STAIR SECTION**
1/4" = 1'-0"



A1 A6.11B **ENLARGED STAIR PLAN - LEVEL 100**
1/2" = 1'-0"



A4 A6.11B **STAIR SECTION**
1/4" = 1'-0"

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WILLIAMS-BRICE STADIUM 100 LEVEL AND
SUITE 207 RENOVATIONS

PRELIMINARY- NOT FOR CONSTRUCTION

ISSUE DATE:	APRIL 13, 2017
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ENLARGED STAIR
PLANS &
SECTIONS

STATE PROJECT NO.
1702
WTS PROJECT NO.

A6.11B
SHEET

4/13/2017 11:50:25 AM

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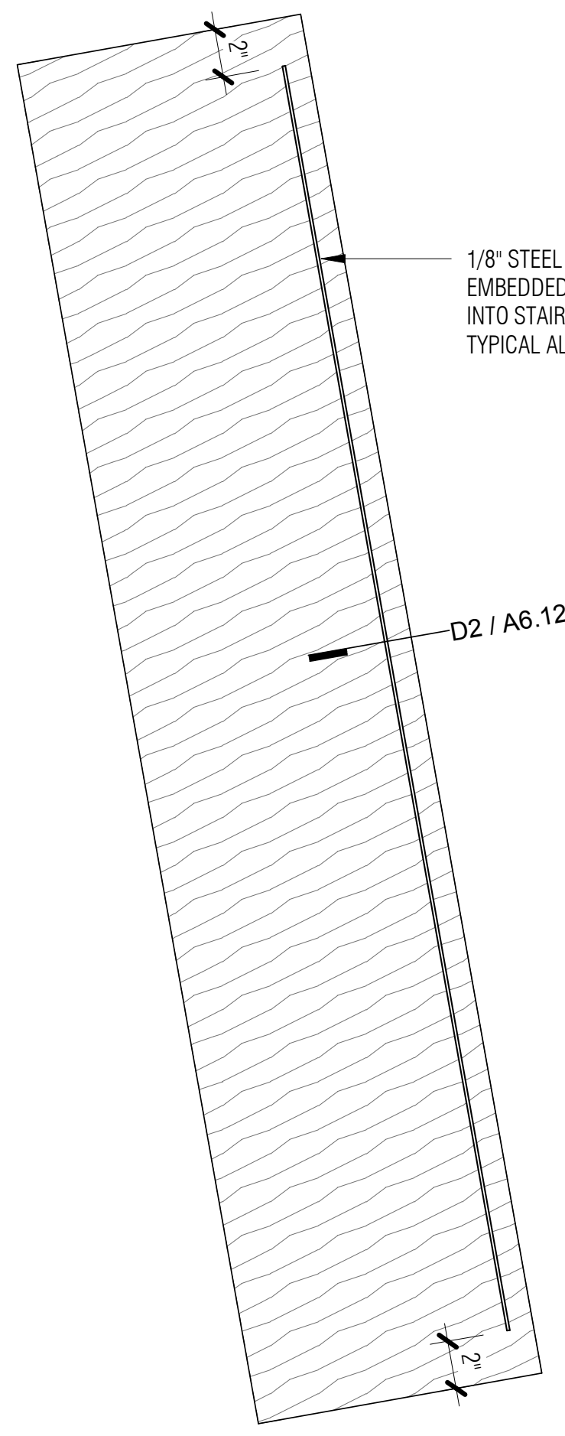
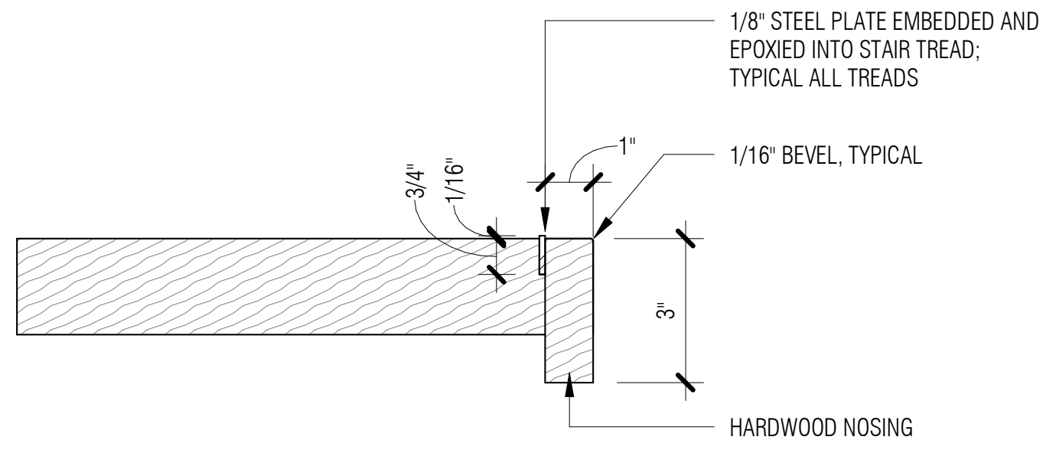
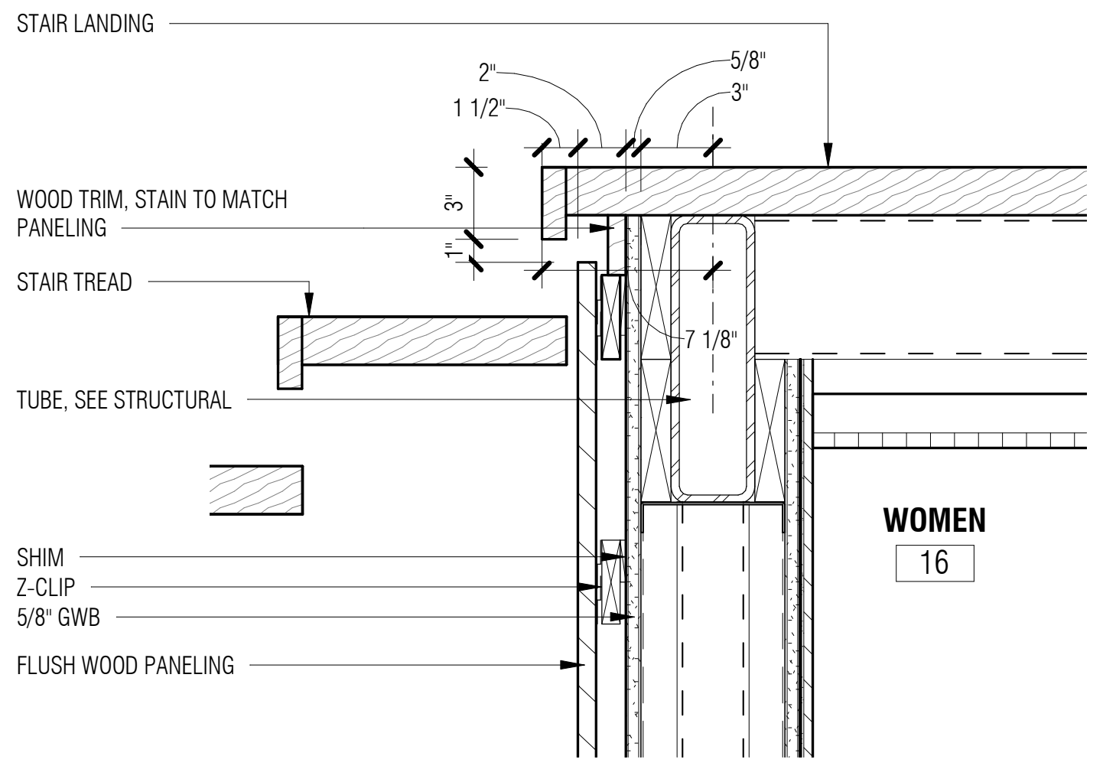


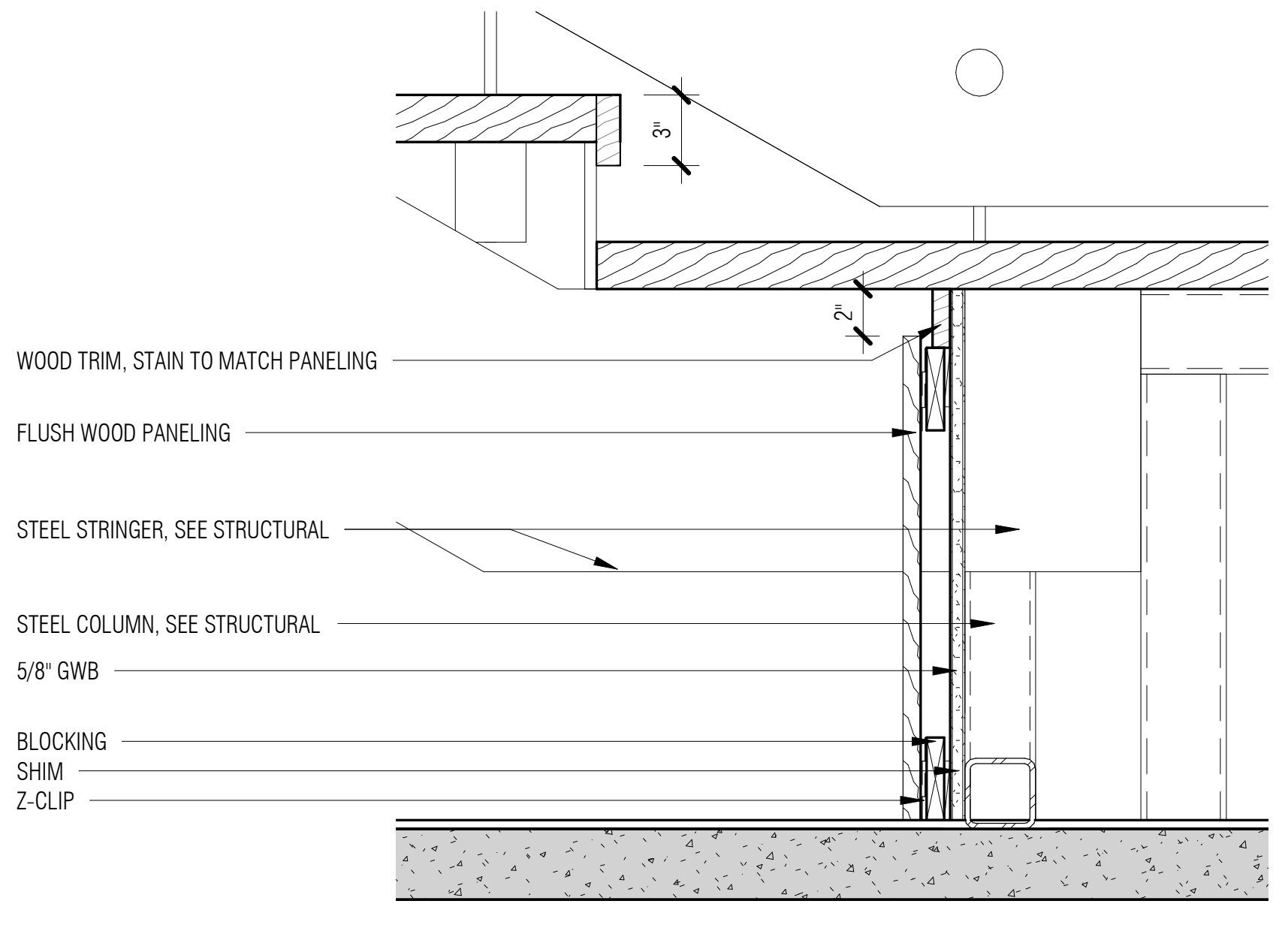
D1 A6.12B **TREAD DETAIL**
1 1/2" = 1'-0"



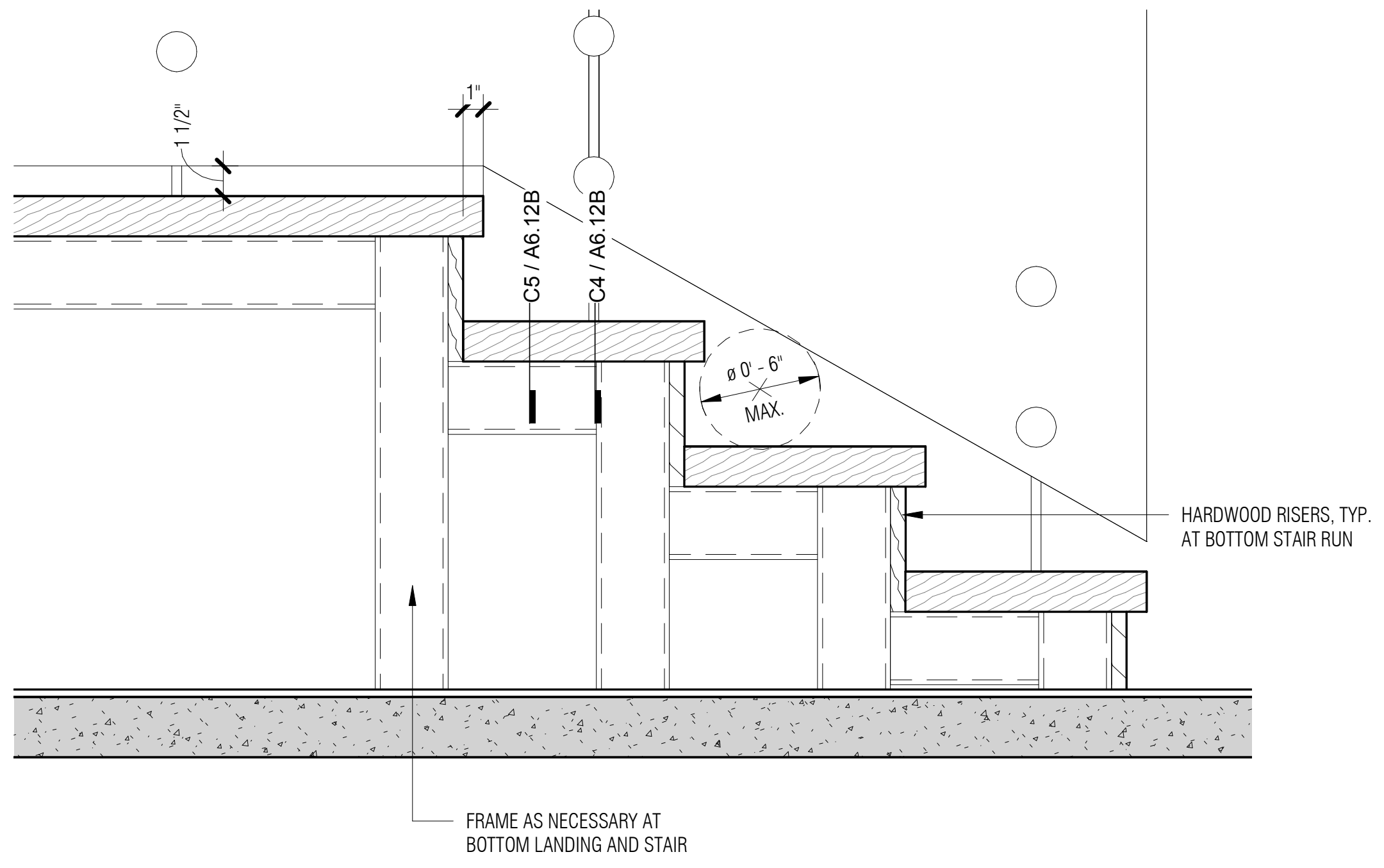
D2 A6.12B **TREAD DETAIL**
3" = 1'-0"



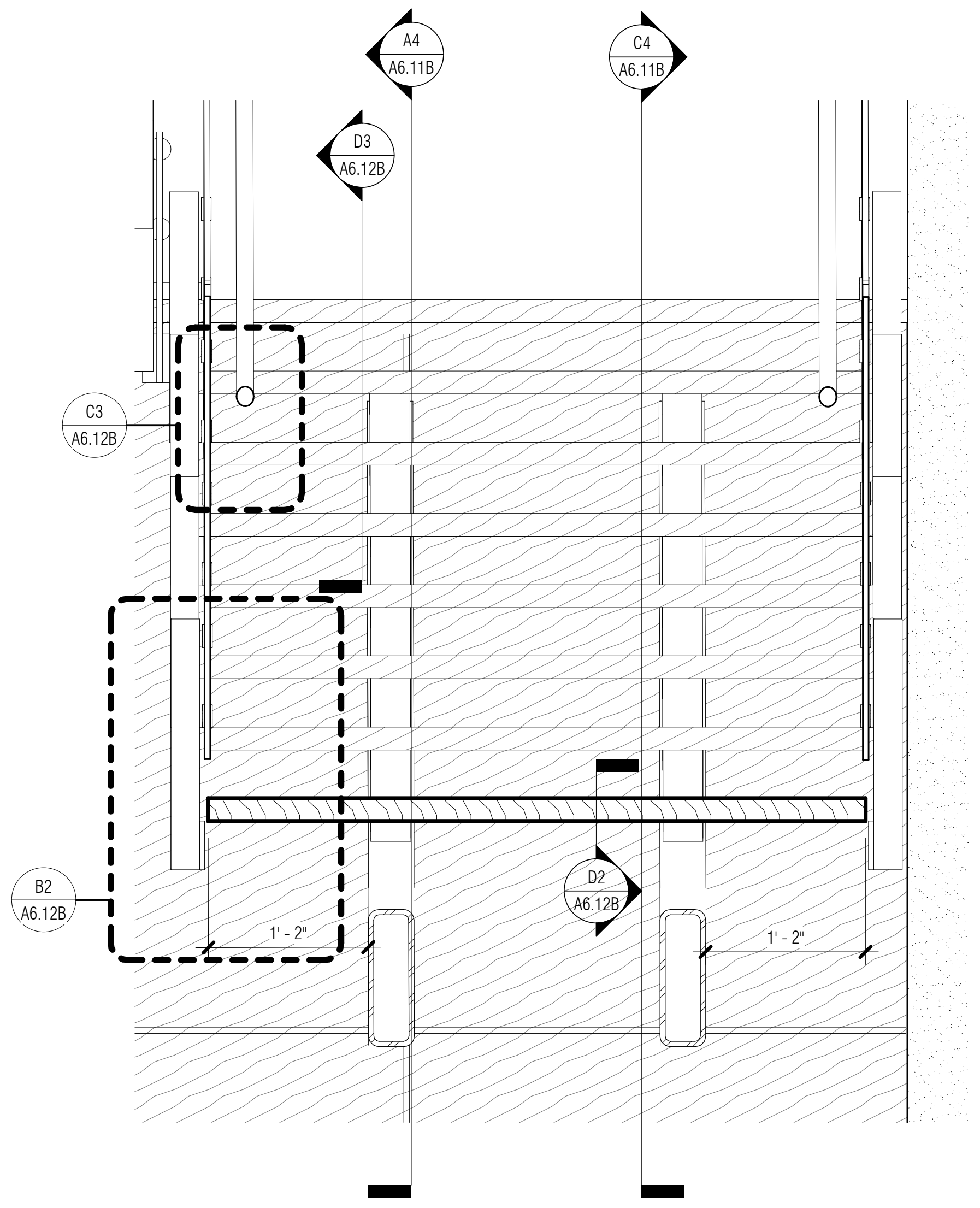
D3 A6.12B **DETAIL AT LANDING**
1 1/2" = 1'-0"



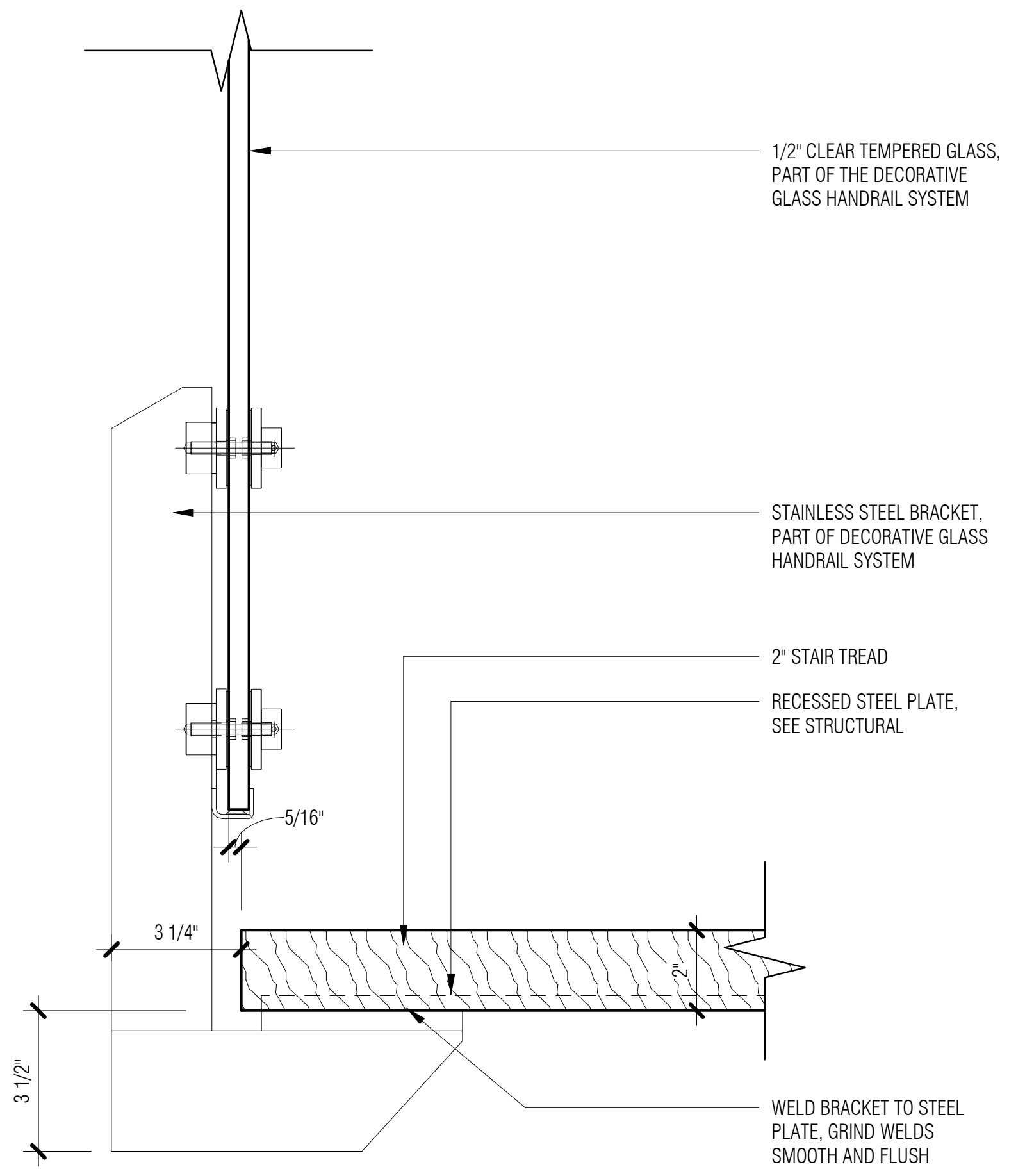
D4 A6.12B **DETAIL AT LANDING**
1 1/2" = 1'-0"



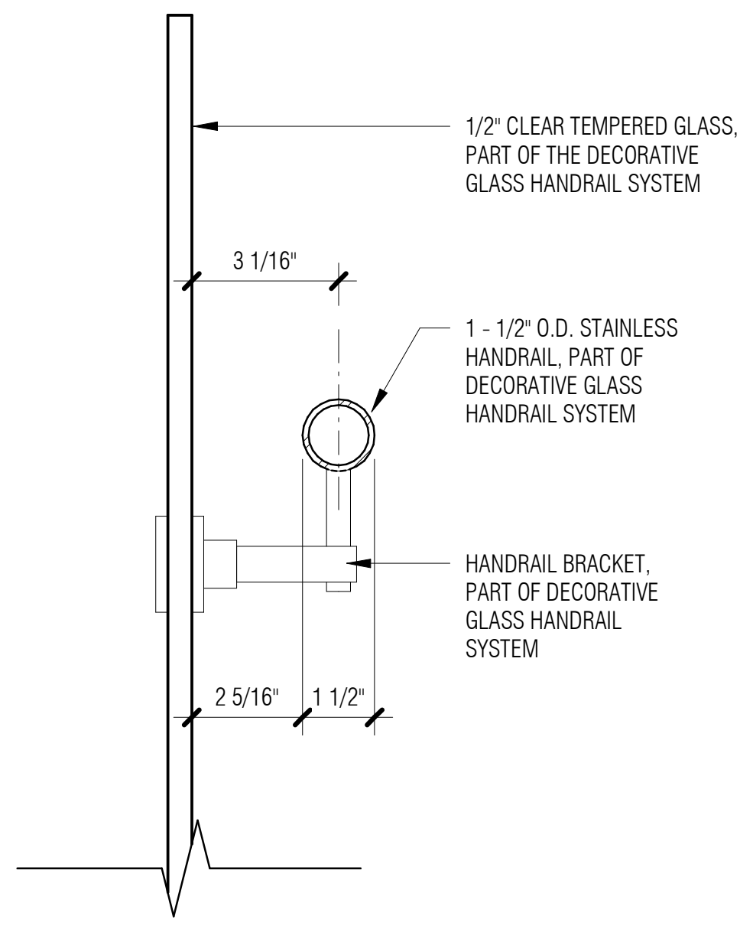
D5 A6.12B **DETAIL AT STAIR**
1 1/2" = 1'-0"



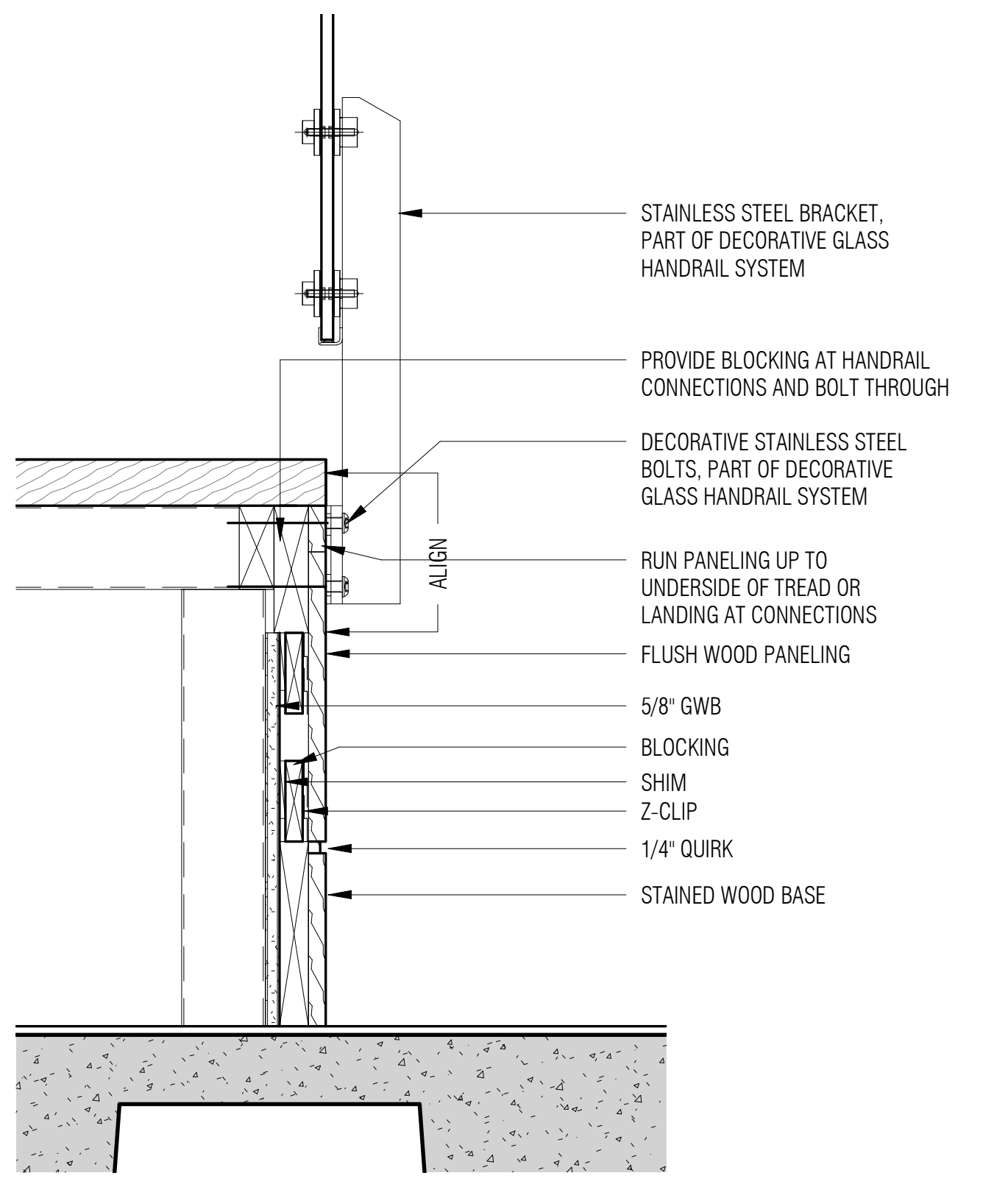
B1 A6.12B **STAIR DETAIL - CARRIAGE SECTION**
1" = 1'-0"



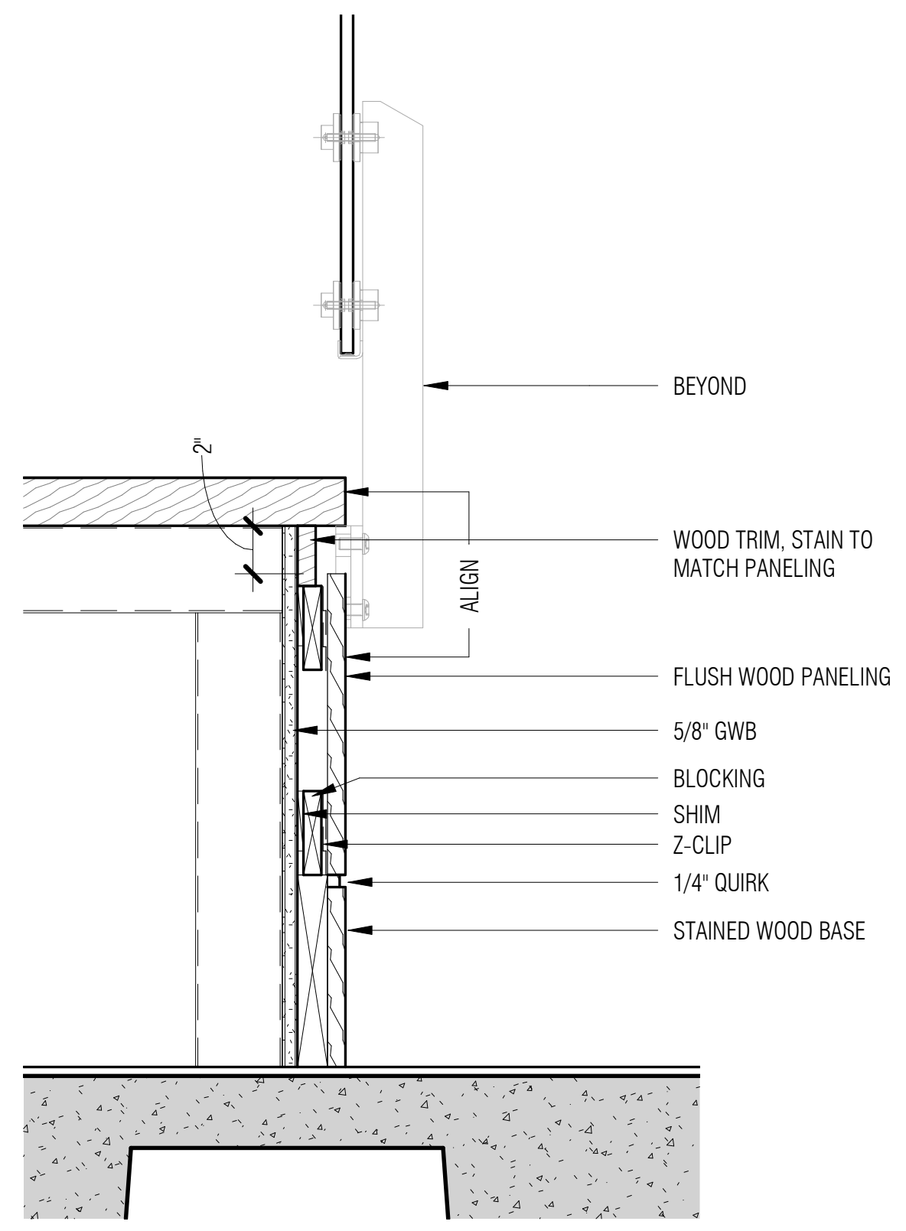
B2 A6.12B **STAIR RAILING DETAIL**
3" = 1'-0"



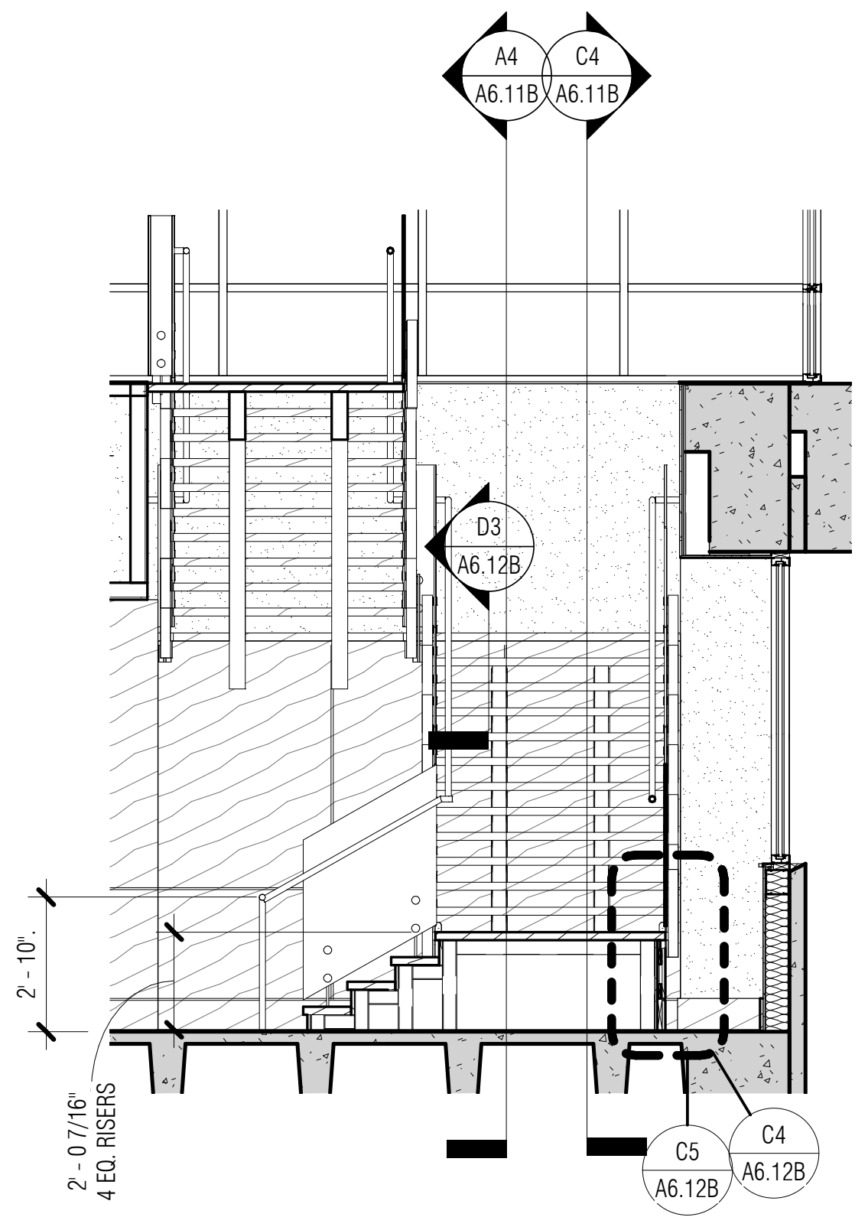
C3 A6.12B **STAIR RAILING DETAIL**
3" = 1'-0"



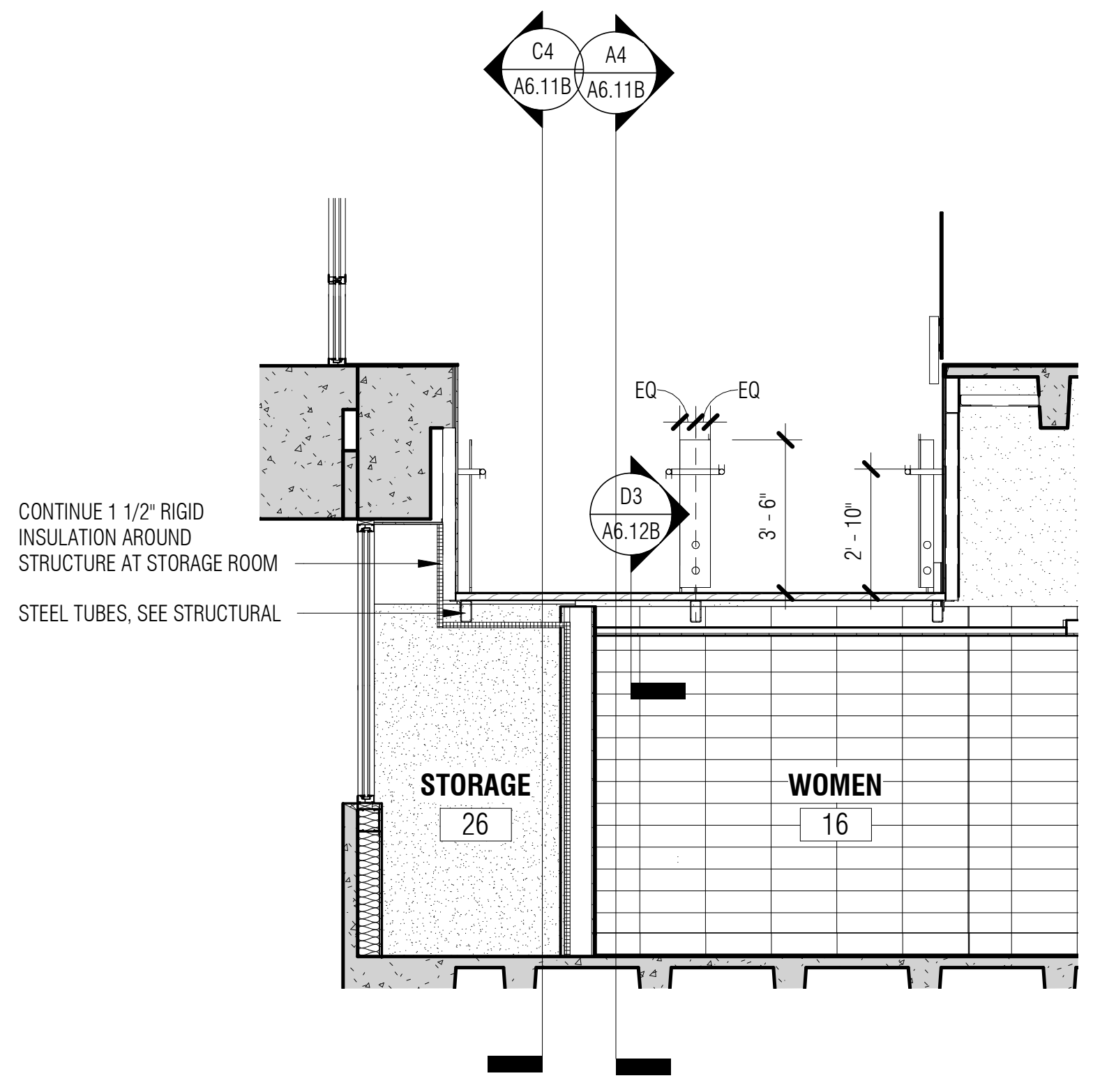
C4 A6.12B **DETAIL AT CONNECTION**
1 1/2" = 1'-0"



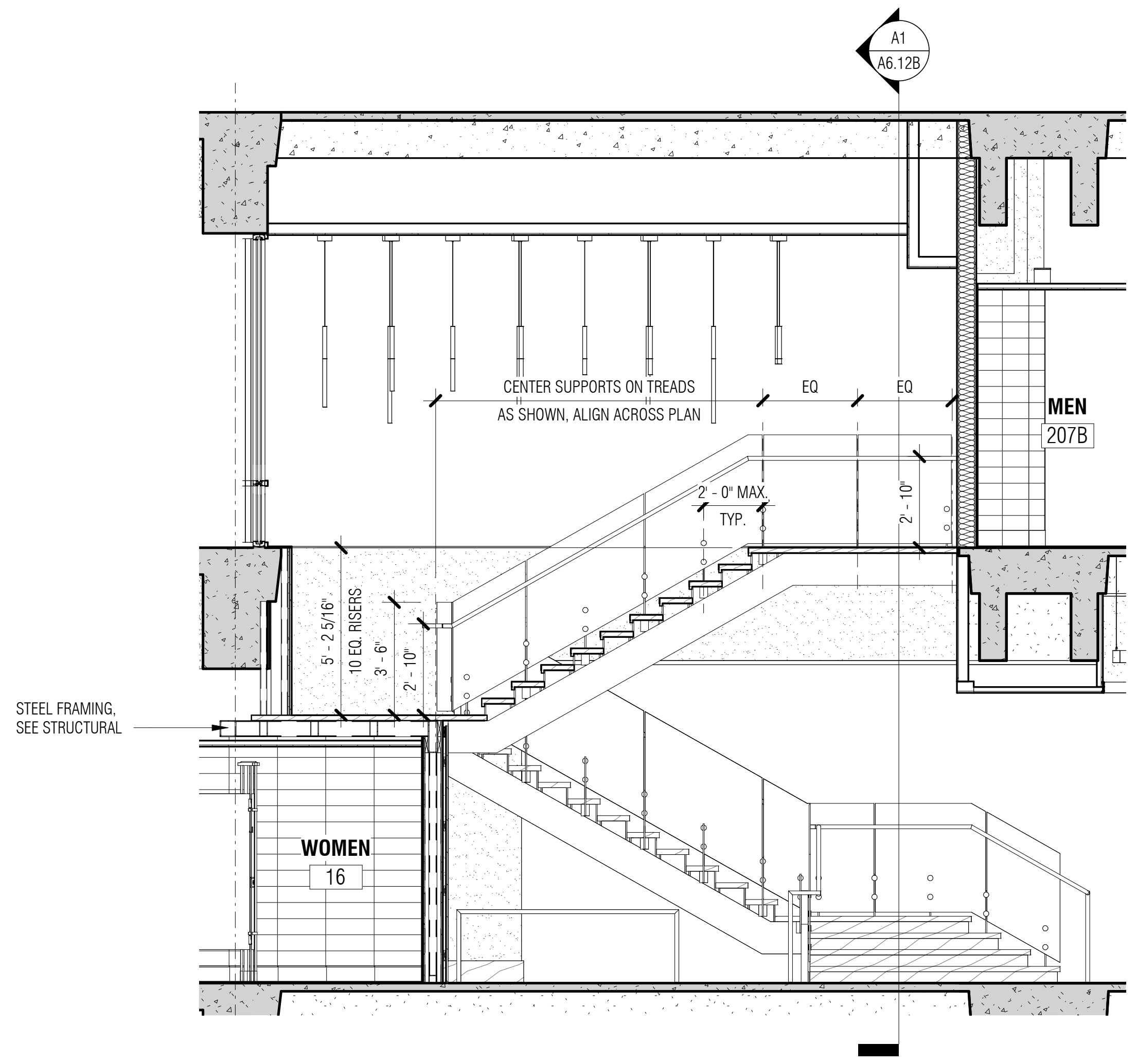
C5 A6.12B **DETAIL AT STAIR**
1 1/2" = 1'-0"



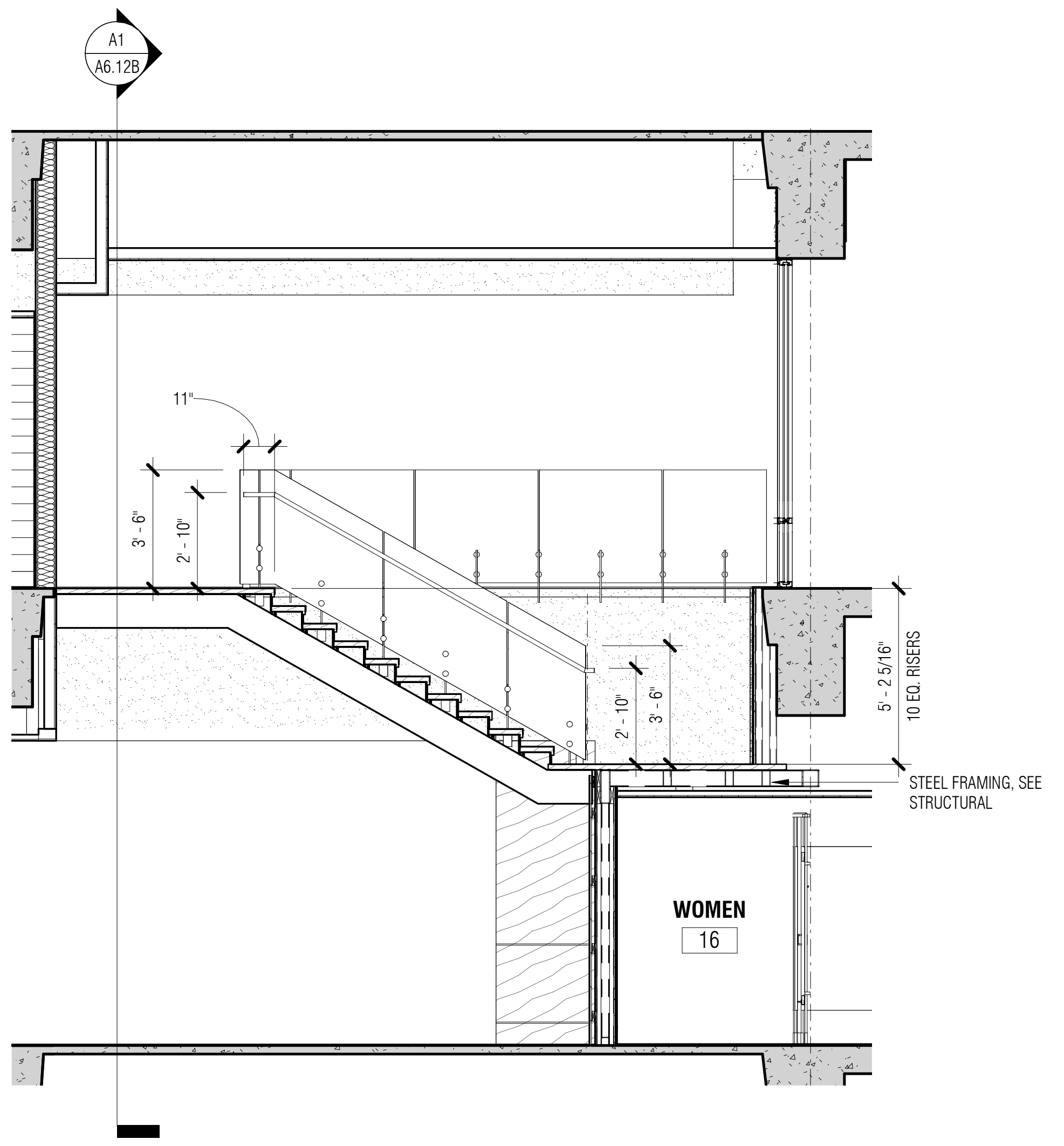
A1 A6.12B **STAIR SECTION**
1/4" = 1'-0"



A2 A6.12B **STAIR SECTION**
1/4" = 1'-0"



A3 A6.12B **STAIR SECTION**
1/4" = 1'-0"



A5 A6.12B **STAIR SECTION**
1/4" = 1'-0"

ARCHITECTURE
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WATSON TATE SAVORY

WILLIAMS-BRICE STADIUM 100 LEVEL AND
SUITE 207 RENOVATIONS

PRELIMINARY: NOT FOR CONSTRUCTION

ISSUE DATE: APRIL 13, 2017
PHASE: CONSTRUCTION DOCUMENTS

#	DATE	REVISION

ENLARGED STAIR
SECTIONS &
DETAILS

-
STATE PROJECT NO.
1702
WTS PROJECT NO.

A6.12B
SHEET

LOAD TABLE

INTERNATIONAL BUILDING CODE AND ASCE 7-10

LIVE LOADS:

1. STAIRS: 100 p.s.f.

DEAD LOADS:

1. USE ACTUAL DEAD LOADS OF MATERIALS

WIND LOADS:

BASIC WIND SPEED (3-SECOND GUST) = 100 (mph) (ASCE Figure 6-1)
BUILDING CATEGORY = II (ASCE Table 1-1)
WIND IMPORTANCE FACTOR - Iw = 1.0 (ASCE Table 6-1)
WIND EXPOSURE = C (ASCE Section 6.5.6)
WIND BORN DEBRIS - NO

INTERNAL PRESSURE COEFICIENT
Enclosed Building +/- 0.18 (ASCE Figure 6-5)

1. DESIGN WIND PRESSURES:
   A. Window System = 30 psf pressure/suction

The wind pressures (and associated DP ratings) indicated below are considered as the minimum unless otherwise specified by code.

ZONE	PRESSURE	SUCTION
ROOF ZONE ①	N/A	N/A
ROOF ZONE ②	N/A	N/A
ROOF ZONE ③	N/A	N/A
WALL ZONE ④	30 PSF	-30 PSF
WALL ZONE ⑤	N/A	N/A

SEISMIC LOADS:

SITE CLASS - D (ASCE Chapter 20)
SPECTRAL RESPONSE ACCELERATIONS (ASCE Figure 22-1 & 22-2)
Ss = 0.55 S1 = 0.15
SPECTRAL RESPONSE COEFFICIENTS (ASCE Section 11.4.4)
Sds = 0.50 Sd1 = 0.22
SEISMIC IMPORTANCE FACTOR - Ie = 1.0 (ASCE Table 11.5-1)
SEISMIC DESIGN CATEGORY = D (ASCE Table 11.6-1 & 11.6-2)

Much of the information presented in this load table originates from the applicable building code(s). The structural design for systems such as metal studs, exterior doors,windows, skylights, roofing systems, etc. will likely be more complicated and more building specific than indicated in this table. Designers and suppliers must refer to the applicable building codes, site conditions and architectural drawings to adequately design and / or specify their individual components and systems.

STRUCTURAL NOTES:

1. ALL CONCRETE AND REINFORCING BARS SHALL BE INSTALLED ACCORDING TO STANDARDS SET FORTH BY THE LATEST EDITION OF ACI-318.

2. REINFORCEMENT SHALL BE HELD IN PLACE DURING CONCRETE PLACEMENT. IF REQUIRED, ADDITIONAL BARS MAY BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS.

3. 28 DAY MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI.

4. THE CONTRACTOR SHALL TAKE ADDITIONAL PRECAUTIONS WHEN CONCRETE IS TO BE PLACED AND CURED DURING COLD OR HOT WEATHER. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS PRESCRIBED BY AMERICAN CONCRETE INSTITUTE FOR COLD OR HOT WEATHER CONSTRUCTION.

5. WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 1'0".

6. ALL PLUMBING SLOTS SHALL BE FILLED WITH CONCRETE TO THE SAME DEPTH AS THE FLOOR SLAB AFTER PIPING IS INSTALLED.

7. CONCRETE PADS SHALL BE SIZED AND LOCATED PER THE CONTRACT DOCUMENTS AND/OR EQUIPMENT SPECIFICATIONS.

8. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PROPER DESIGN OF ALL TEMPORARY FRAMEWORK, FORMS AND SHORING.

9. WASHERS SHALL CONFORM TO ASTM AND INSTALLED AS FOLLOWS:

A. A HARDENED WASHER SHALL BE INSTALLED UNDER THE TURNED ELEMENT FOR IN CONNECTIONS WHERE BOTH OUTER PLIES HAVE ROUND HOLES.

B. A HARDENED WASHER SHALL BE PLACED AT LOCATIONS WHERE AN OVERSIZED HOLE OR SHORT SLOTTED HOLE IS USED.

C. IN ADDITION, A 5/16" THICK PLATE WASHER SHALL BE PLACED OVER LONG SLOTTED HOLES.

10. STRUCTURAL STAIRS, HANDRAILS AND GUARDRAILS MUST BE DESIGNED BY A REGISTERED ENGINEER, LICENSED IN THE PROJECT STATE. THE DESIGN DRAWINGS (SHOP DRAWINGS) MUST BE SEALED BY THE DESIGN ENGINEER RETAINED BY THE CONTRACTOR/ SUBCONTRACTOR IN ORDER TO COMPLETE THE SHOP DRAWING PROCESS. SHOP DRAWINGS WITHOUT ENGINEERING SEALS ARE CONSIDERED (PRELIMINARY(AND MUST BE RESUBMITTED TO COMPLETE THE SHOP DRAWING PROCESS.

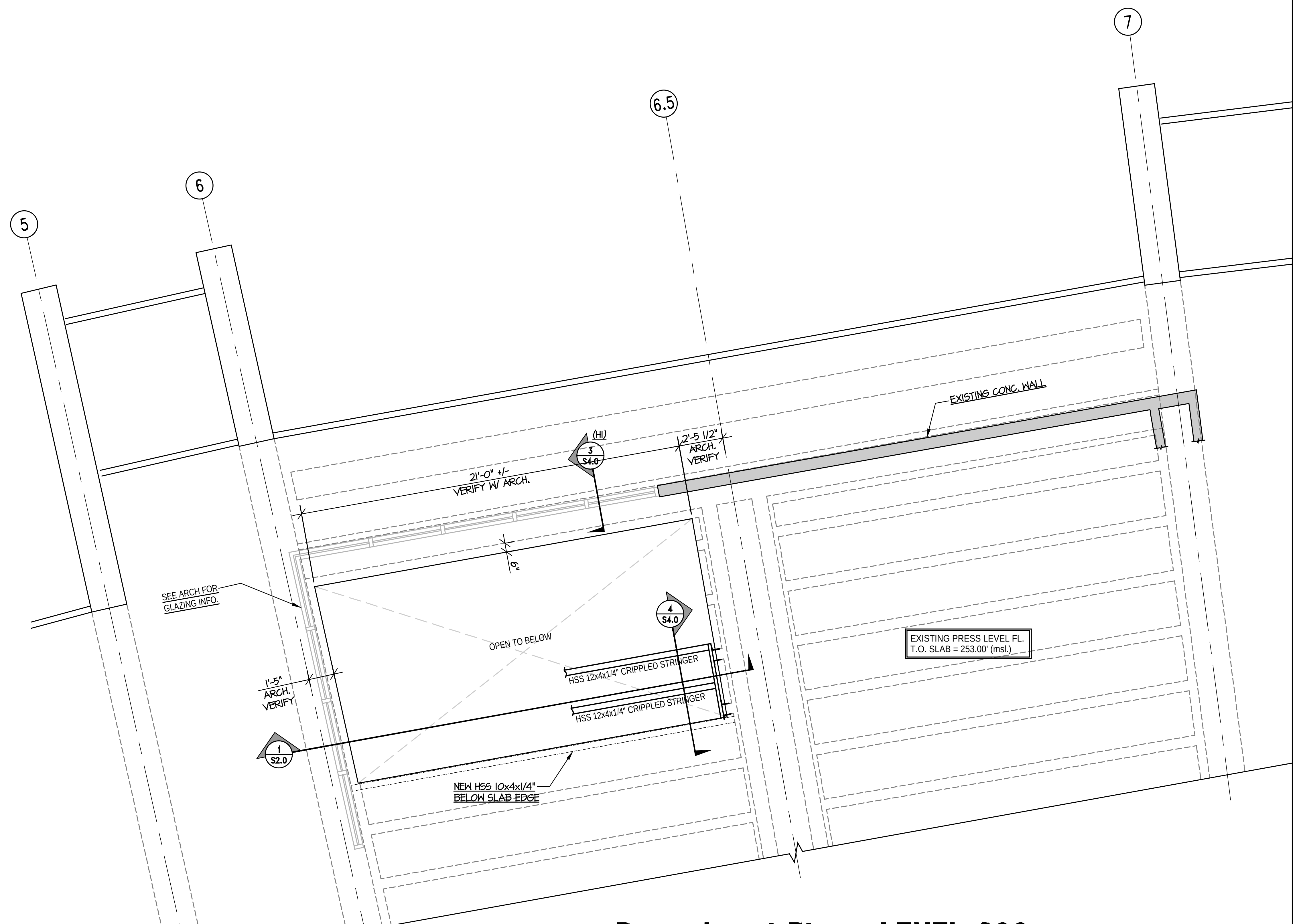
11. ALL STEEL DETAILS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF A.I.S.C. SPECIFICATIONS.

12. ALL FRAMING AND MISCELLANEOUS STEEL SHALL BE FILLET WELDED ALL AROUND UNLESS OTHERWISE NOTED. WELD SIZE SHALL BE THE MAXIMUM AS ALLOWED BY THE LATEST EDITION OF THE "MANUAL OF STEEL CONSTRUCTION" BASED ON THE MATERIAL THICKNESS. ALL WELDING SHALL BE DONE WITH E-70 ELECTRODES.

13. STRUCTURAL STEEL SUBCONTRACTOR/ DETAILER/ SUPPLIER SHALL COORDINATE THE BOTTOM OF BASE PLATE ELEVATION WITH THE TOP OF BEAM ELEVATION(S). IN CASE OF CONFLICT, THE CONTRACTOR SHALL MAKE ALLOWANCE IN HIS BID.

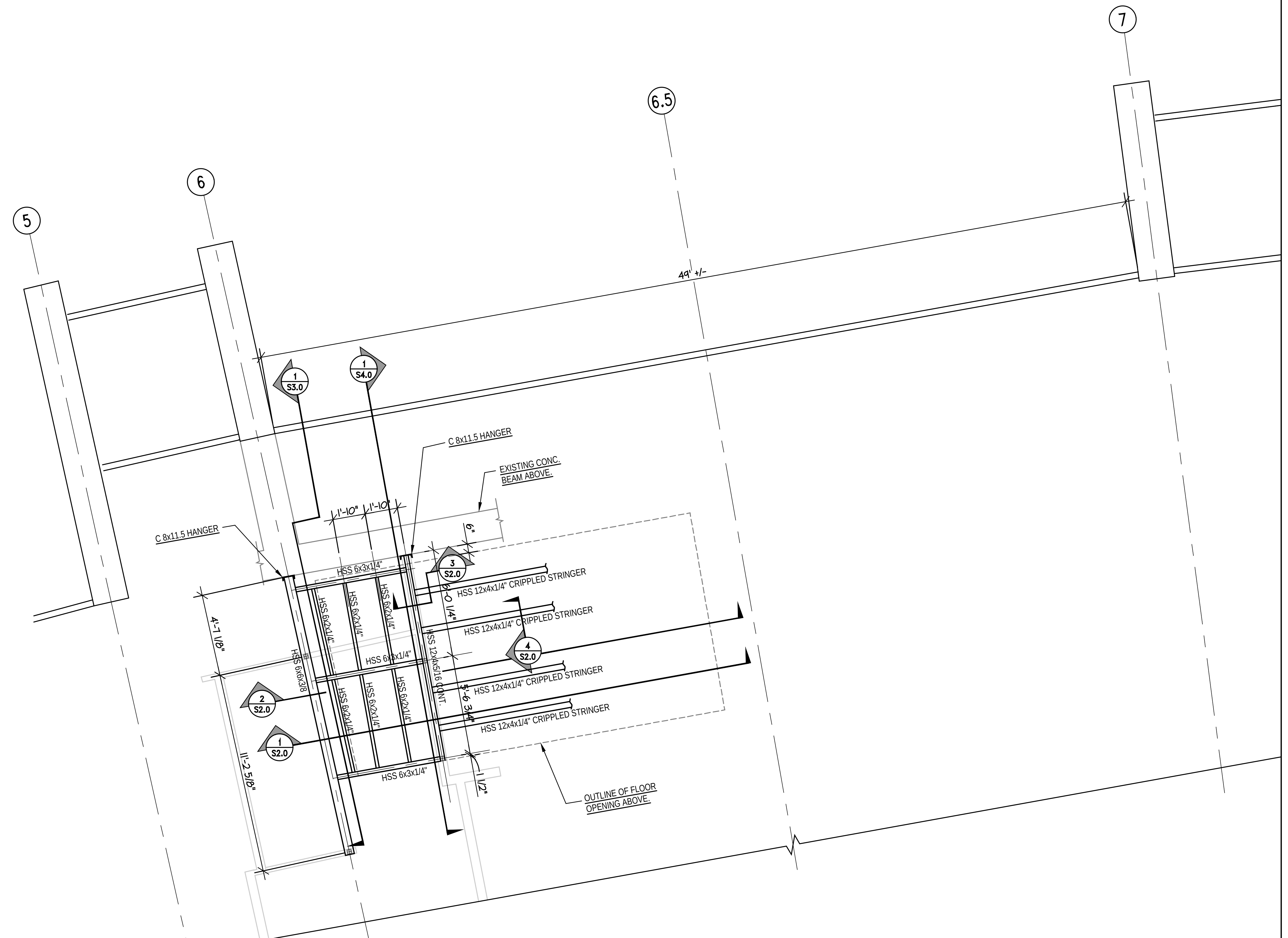
14. SHOP AND FIELD CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS MAY BE WELDED OR BOLTED. ALL WELDING SHALL BE DONE WITH E-70 ELECTRODES.

15. ALL STEEL REQUIRING PAINT SHALL BE PROPERLY CLEANED AND PREPARED TO ACCEPT THE APPROPRIATE PAINT FOR THE PROJECT. THE PAINT TYPE, COLOR AND THICKNESS SHALL BE SELECTED ACCORDING TO THE LOCATION OF THE STEEL, TYPE OF BUILDING AND OWNER(S REQUIREMENTS FOR COLOR, ETC. DECISIONS INVOLVING PAINT, COLOR AND SO ON SHALL BE PER OWNER.



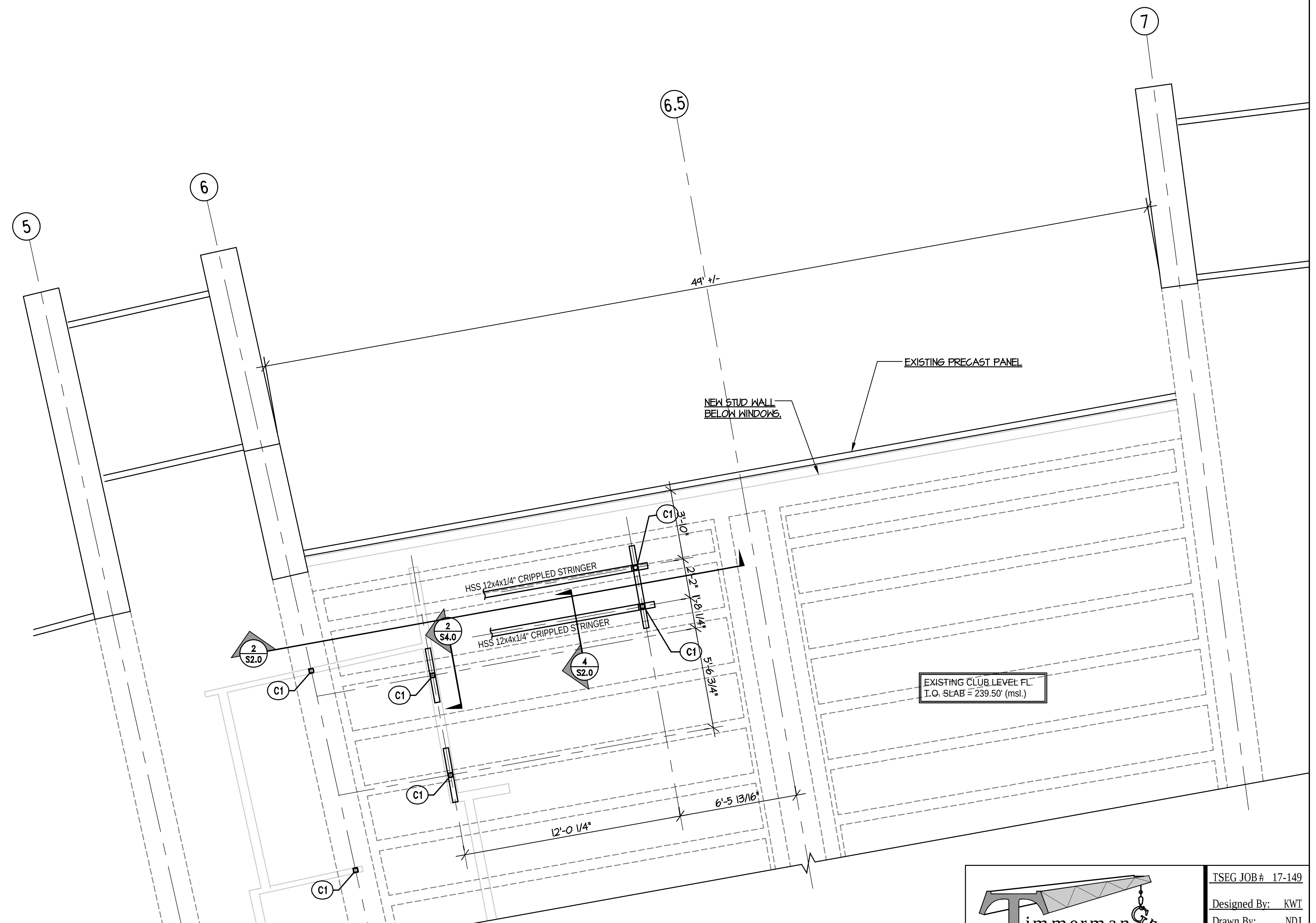
Press Level Plan - LEVEL 200

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



INTERMEDIATE STAIR LANDING PLAN

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



C1 - HSS 3x3x1/4" SEE DETAIL 2/S4.0 FOR BEARING DETAIL

Club Level Plan - LEVEL 100

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

Timmerman Group
Structural
Engineering
580 Chris Drive, West Columbia S.C. 29169 Ph. 803.791.4511 Fax 803.791.4522

TSEG JOB # 17-149
Designed By: KWT
Drawn By: NDJ
Date: 04/13/17
Checked By: KWT

ARCHITECTURE
INTERIORS
PLANNING

WTS
WATSON TATE SAVORY

WILLIAMS-BRICE STADIUM 100 LEVEL AND
SUITE 207 RENOVATIONS

No. 11150
04/13/17
WILLIAM

TIMMERMAN STRUCTURAL ENGINEERING GROUP
No. 5537

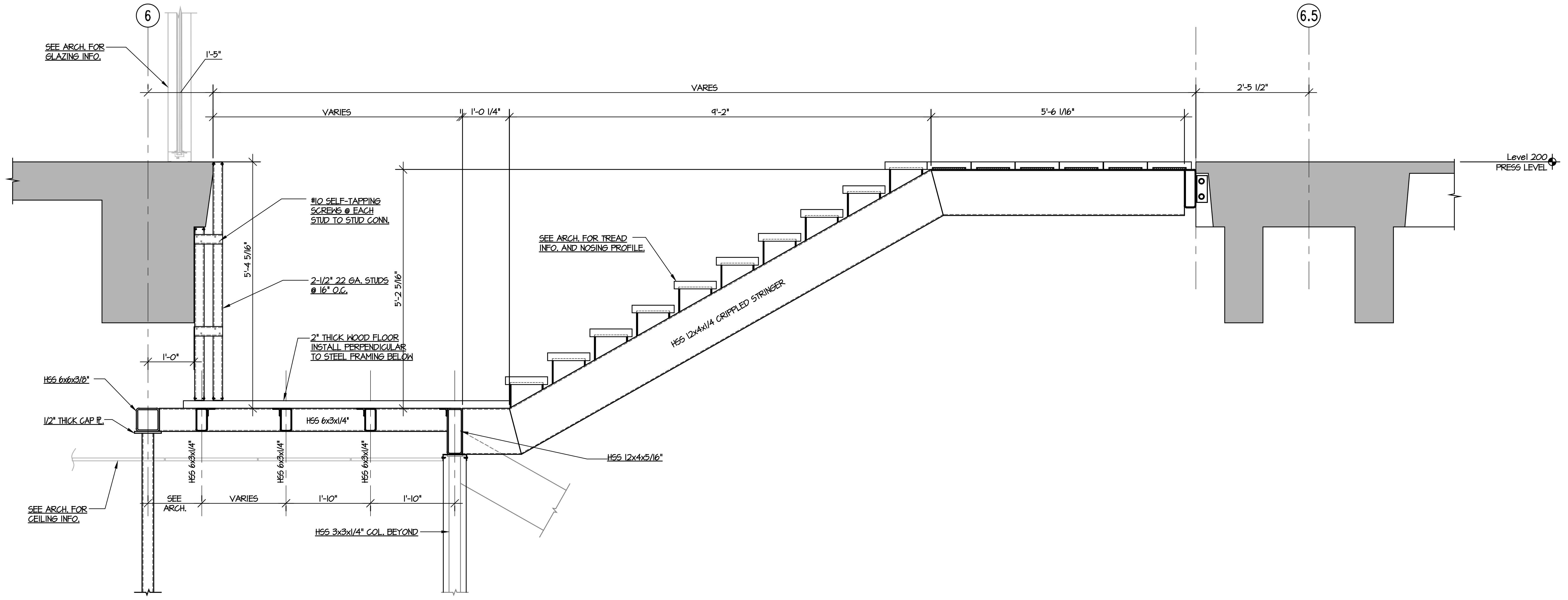
ISSUE DATE: APRIL 13, 2017
PHASE: CONSTRUCTION DOCUMENTS

#	DATE	REVISION

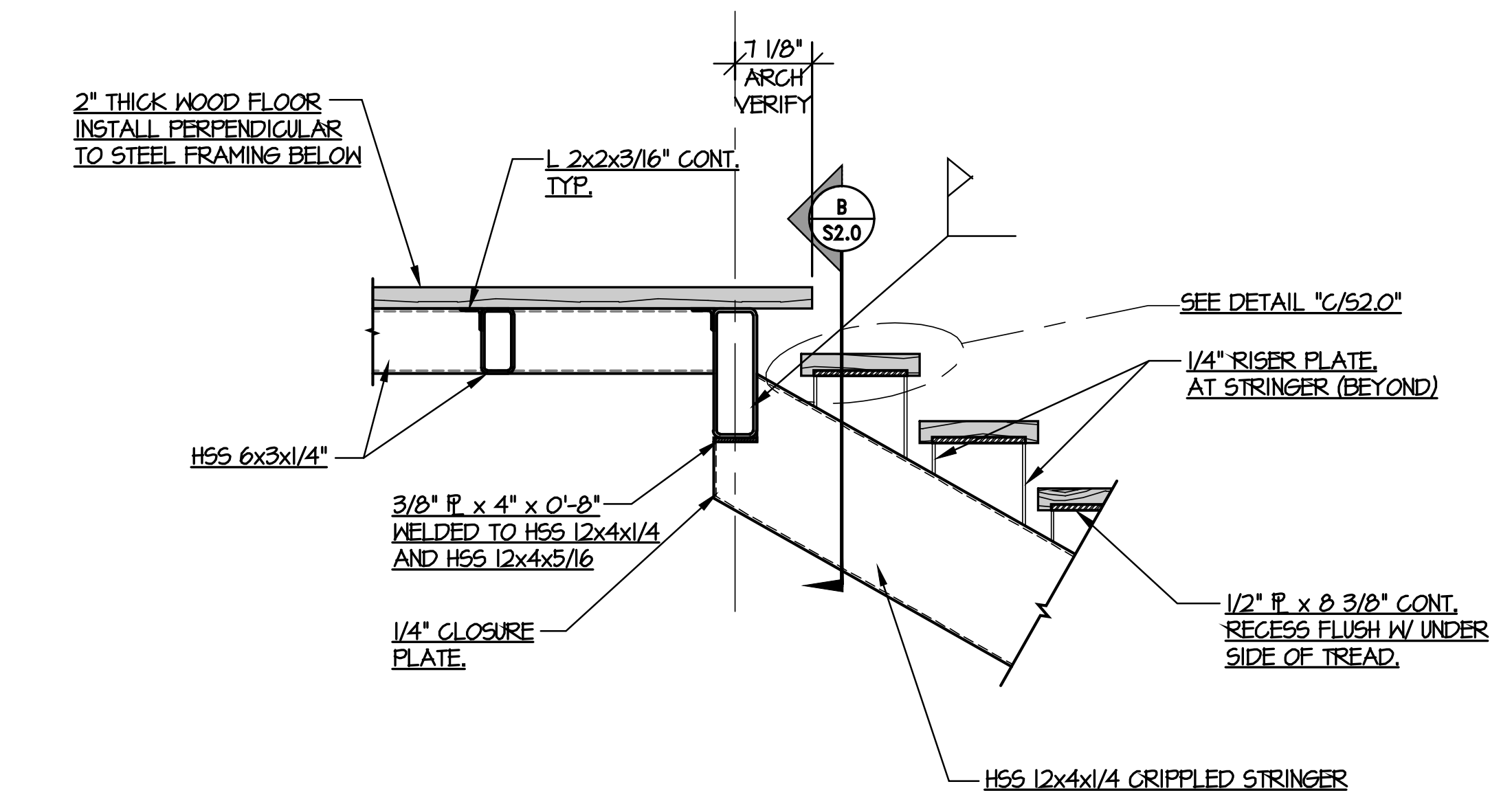
STAIR AND STOREFRONT PLANS

STATE PROJECT NO.
1702
WTS PROJECT NO.

SHEET
S1.0



SECTION 1/S2.0
SCALE: 3/4" = 1'-0"



SECTION 3/S2.0
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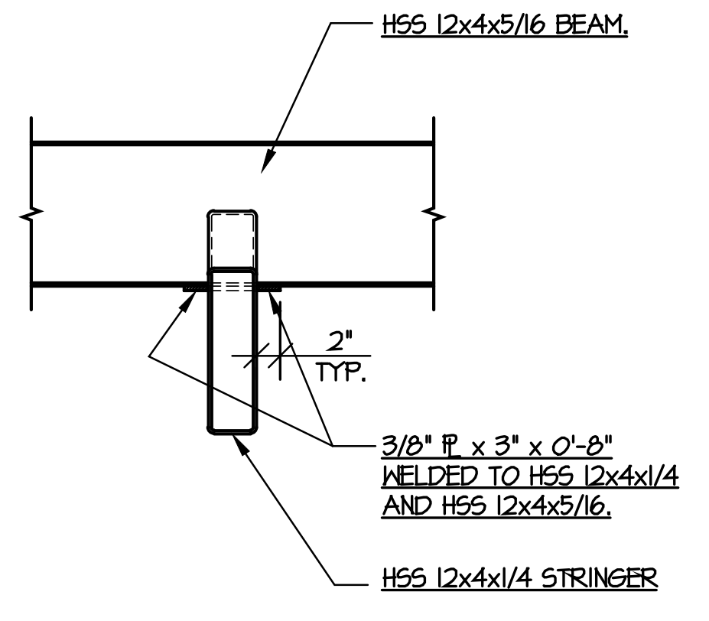
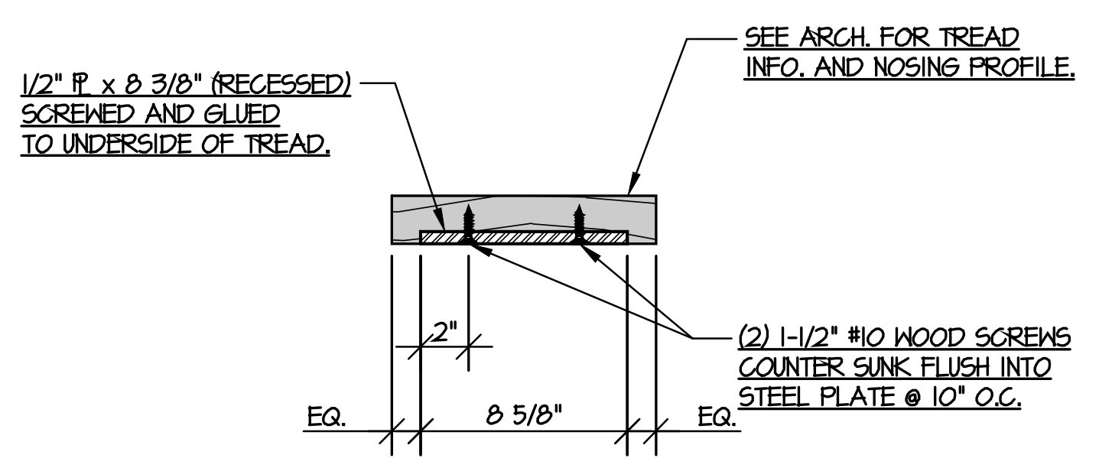
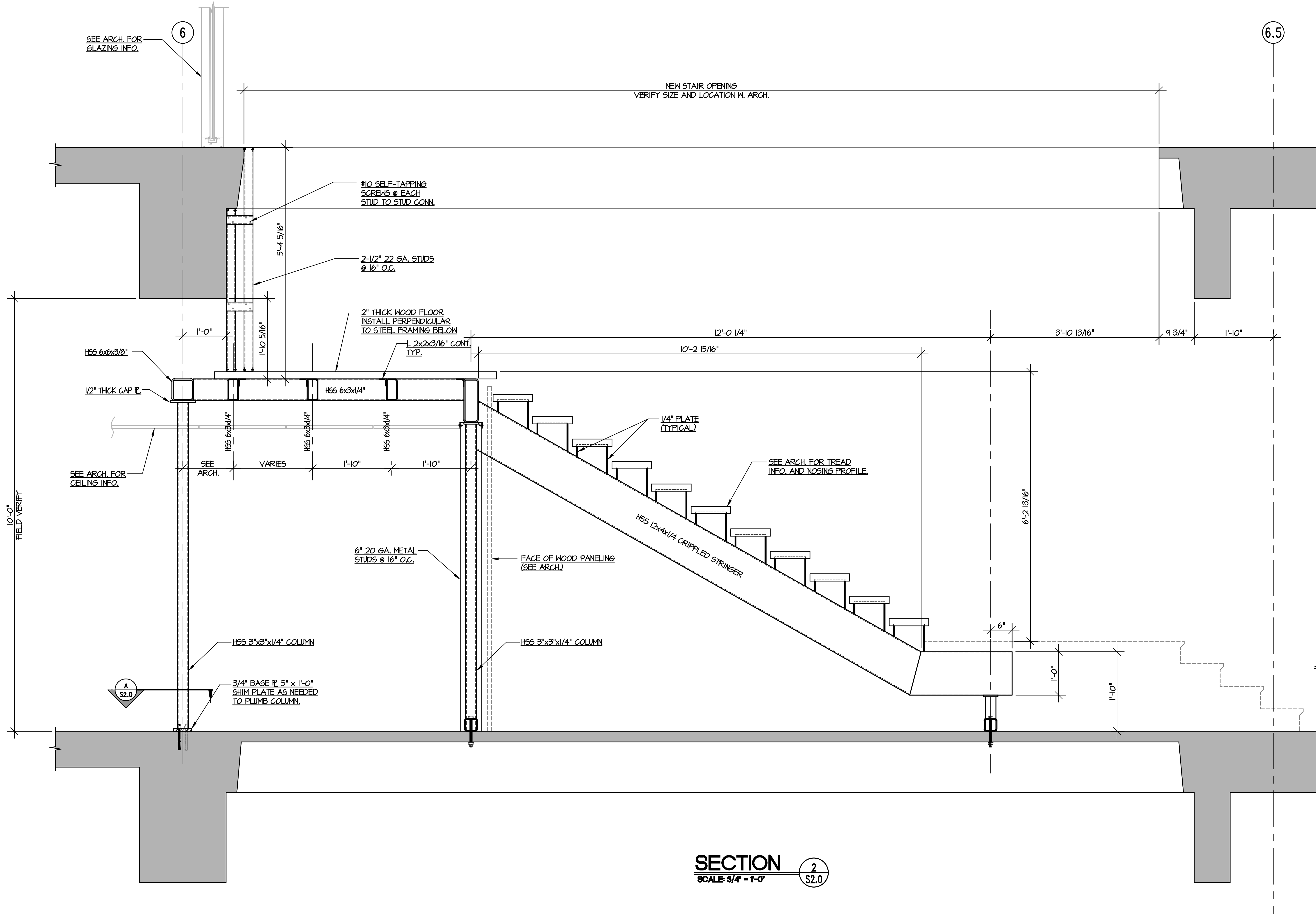


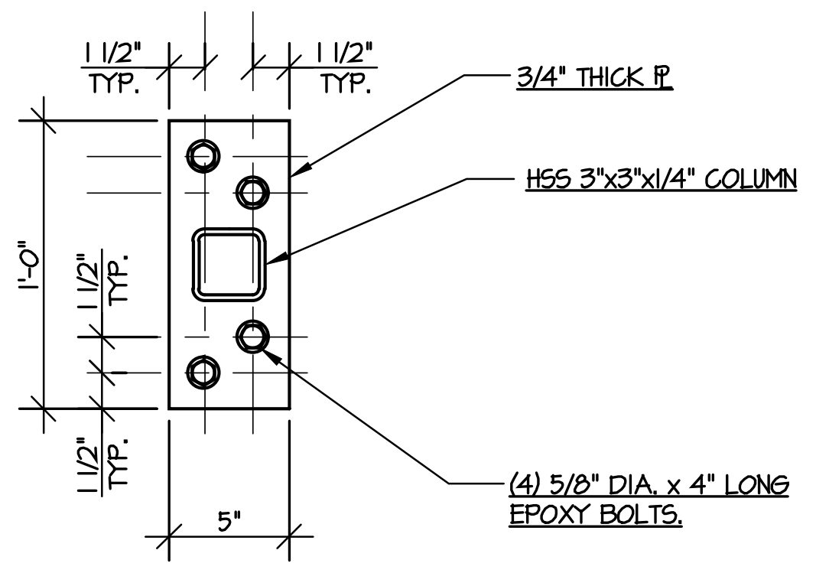
DETAIL B/S2.0
SCALE: 3/4" = 1'-0"



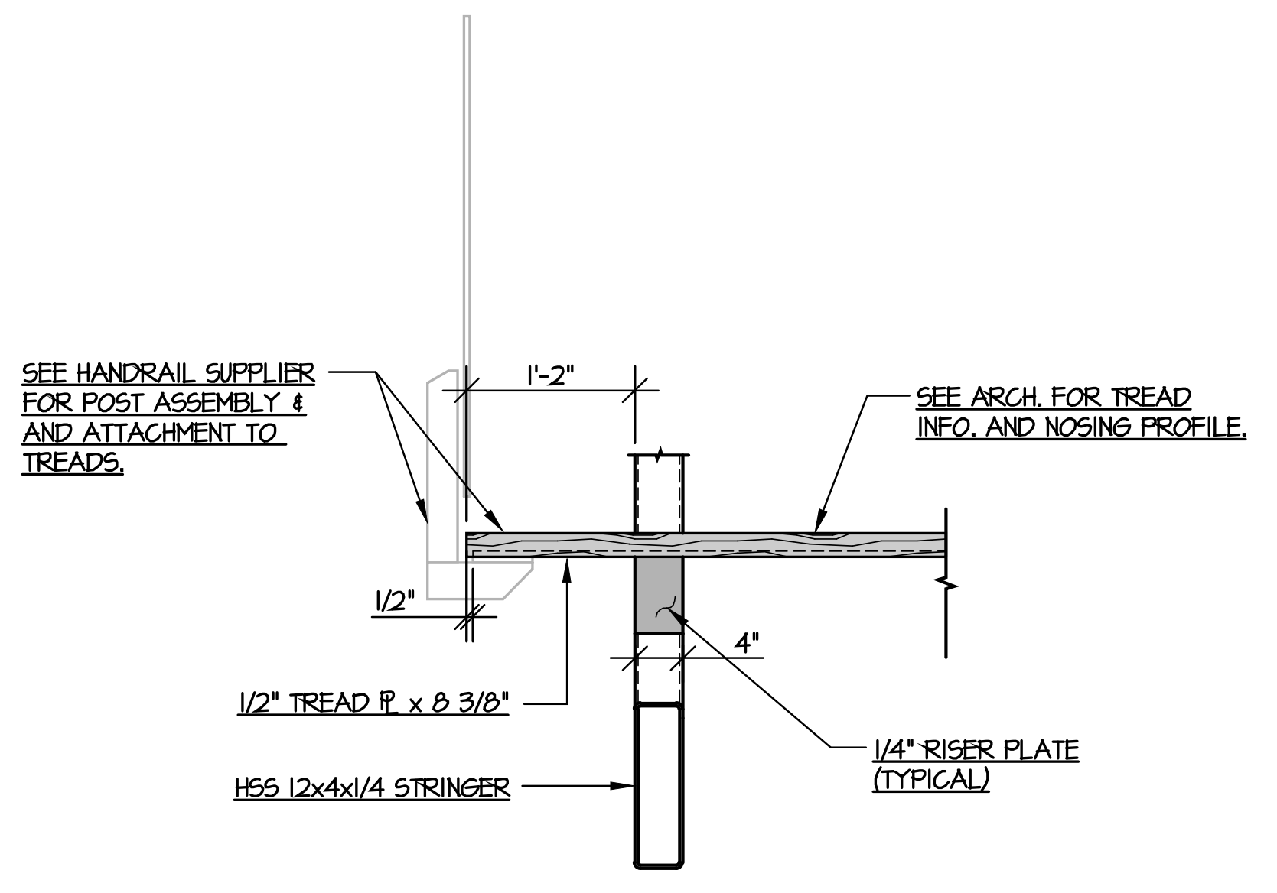
DETAIL C/S2.0
SCALE: 1 1/2" = 1'-0"



SECTION 2/S2.0
SCALE: 3/4" = 1'-0"



DETAIL A/S2.0
SCALE: 1 1/2" = 1'-0"



SECTION 4/S2.0
SCALE: 3/4" = 1'-0"

ARCHITECTURE
INTERIORS
PLANNING

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WATSON TATE SAVORY

WILLIAMS-BRICE STADIUM 100 LEVEL AND SUITE 207 RENOVATIONS

KENNETH WILLIAM TIMMERMAN
No. 11150
04/13/17

TIMMERMAN STRUCTURAL ENGINEERING GROUP
No. 5537

ISSUE DATE: APRIL 13, 2017
PHASE: CONSTRUCTION DOCUMENTS

#	DATE	REVISION

SECTIONS THRU STAIRS

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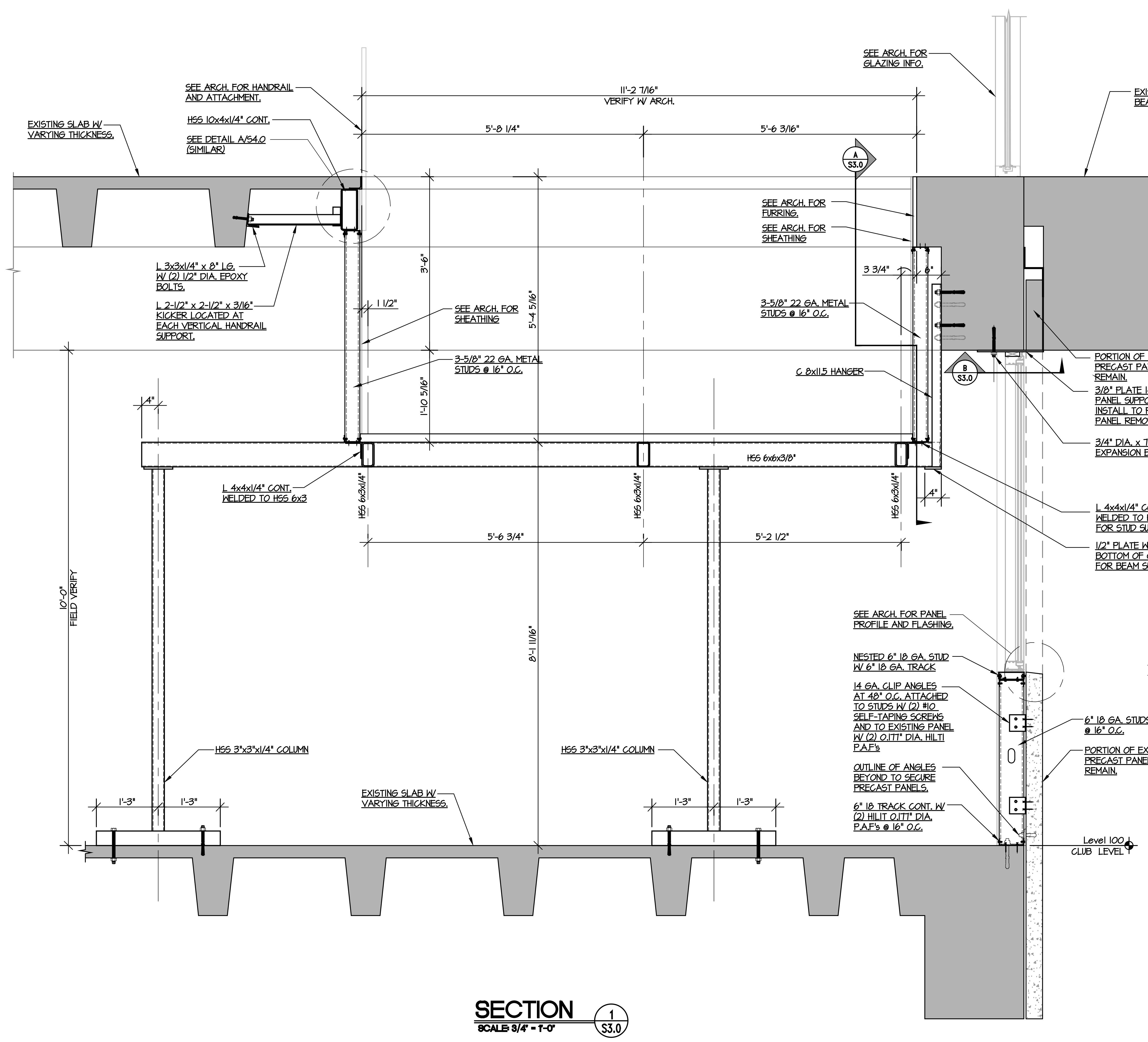
580 Chris Drive, West Columbia S.C. 29169 Ph. 803.791.4511 Fax 803.791.4522

TSEG JOB # 17-149
Designed By: KWT
Drawn By: NDJ
Date: 04/13/17
Checked By: KWT

-
STATE PROJECT NO.
1702
WTS PROJECT NO.
SHEET
S2.0



SECTION 1/S3.0
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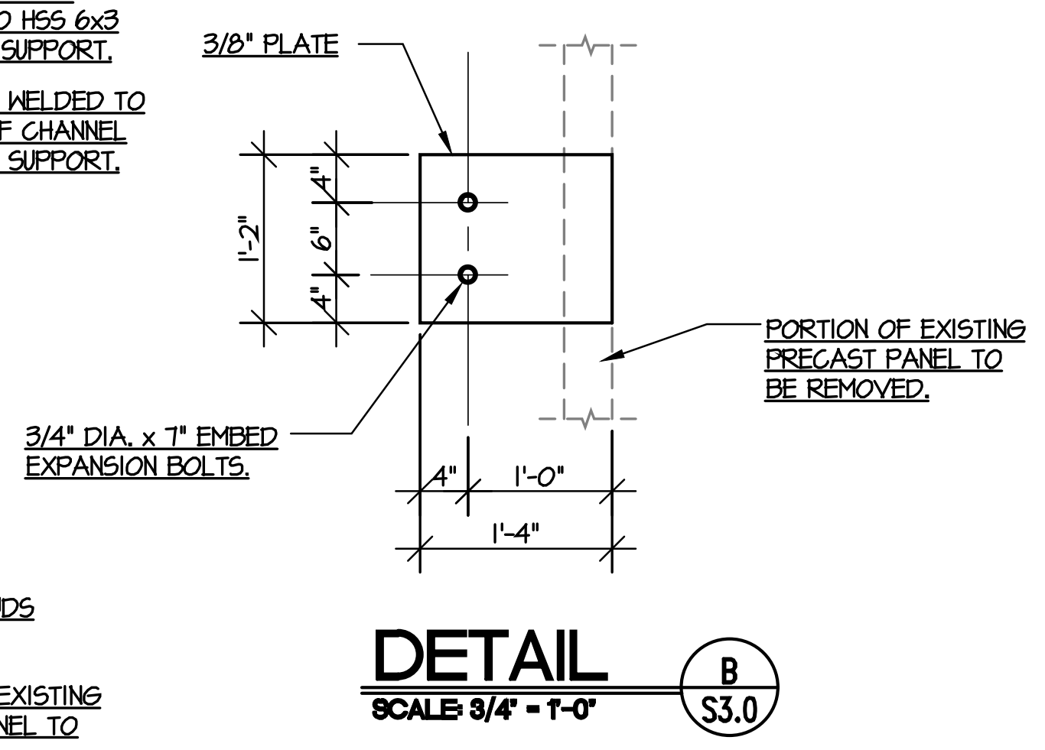
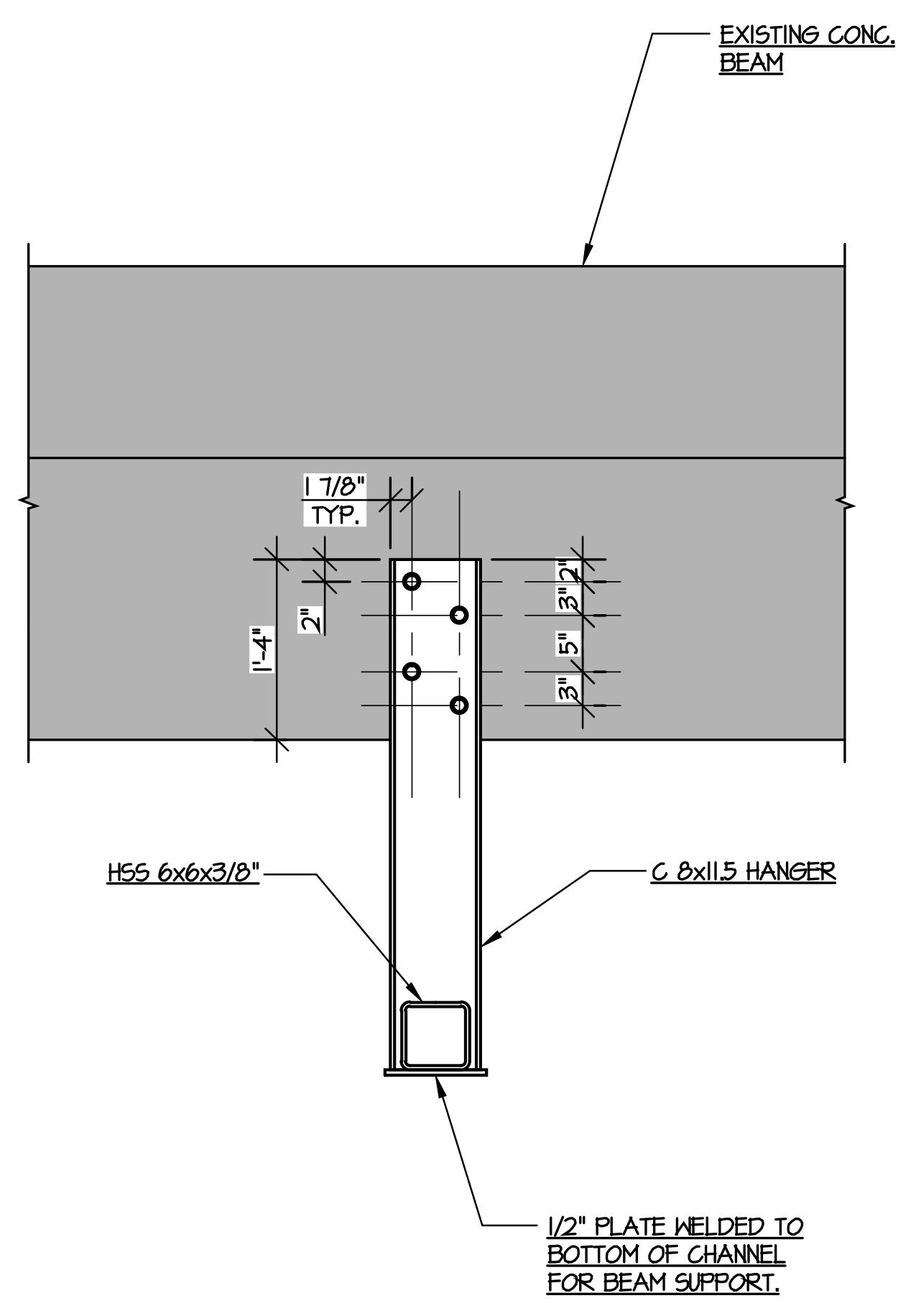


DETAIL B/S3.0
SCALE: 3/4" = 1'-0"



DETAIL A/S3.0
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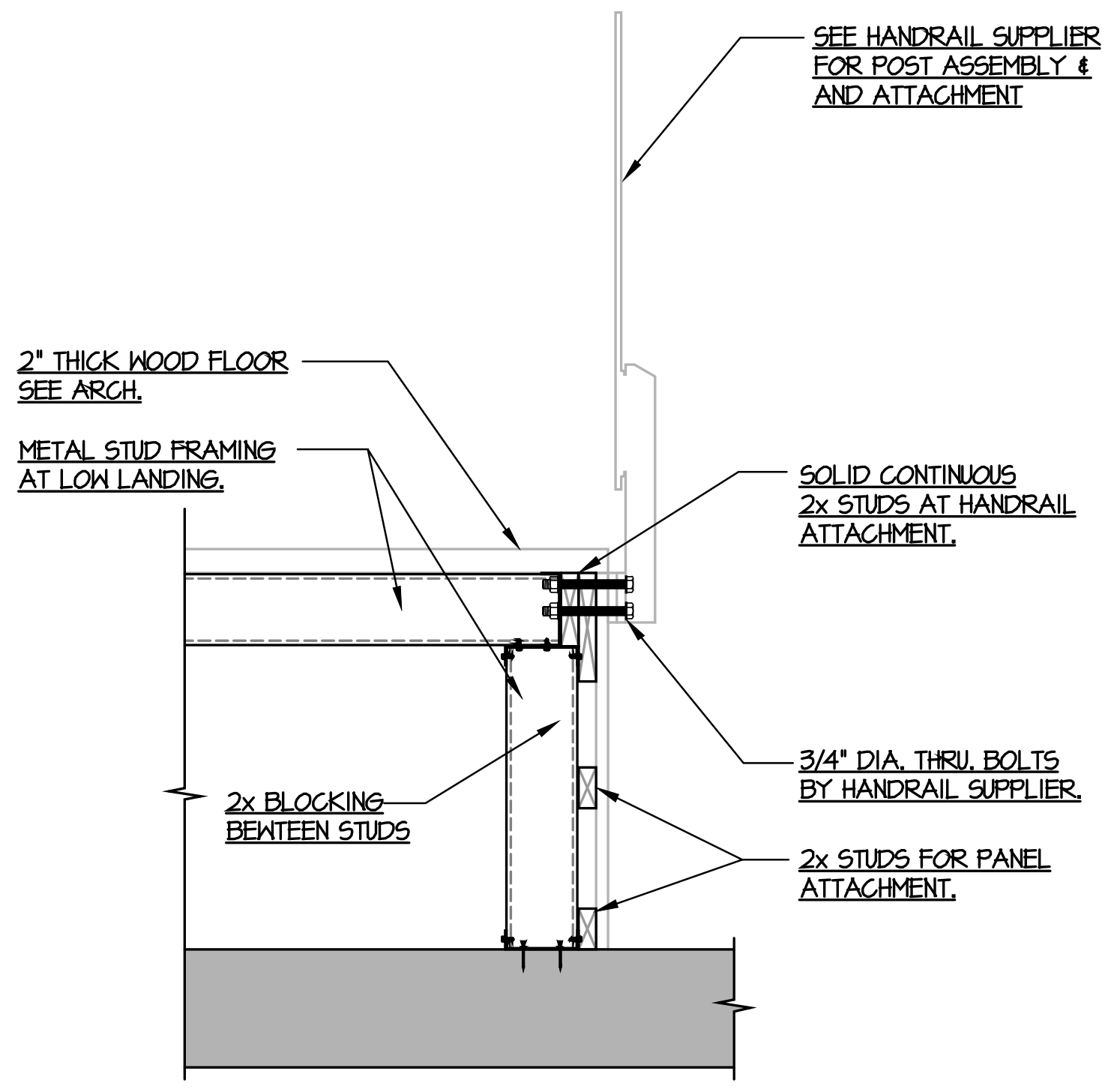
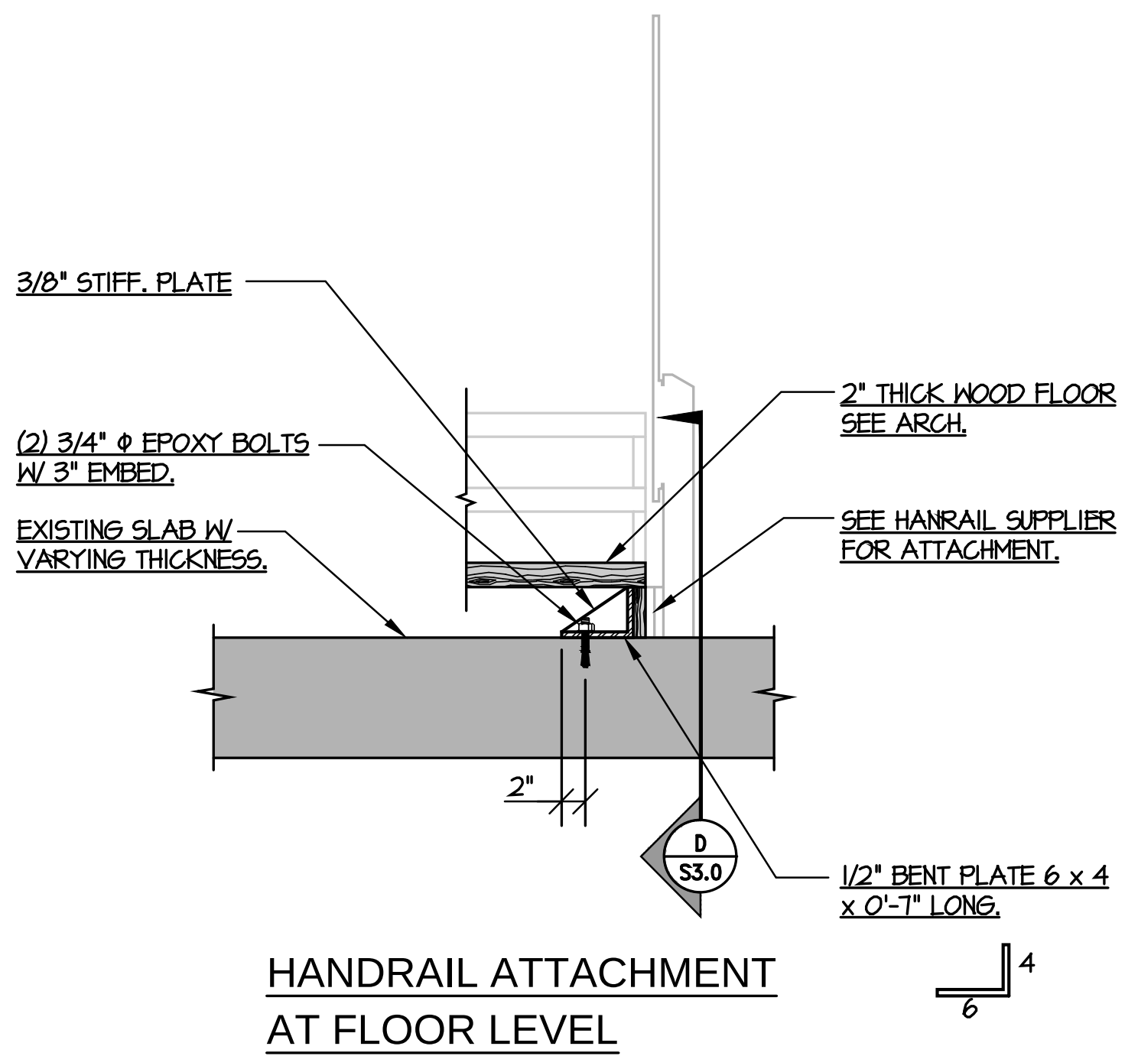
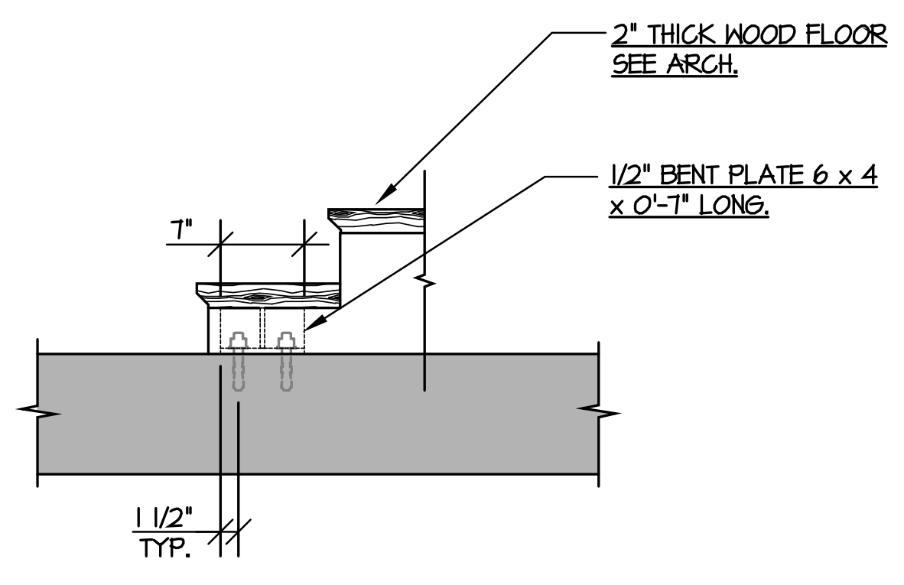


HANDRAIL ATTACHMENT
AT LOW LANDING



HANDRAIL ATTACHMENT
AT FLOOR LEVEL

DETAIL C/S3.0
SCALE: 3/4" = 1'-0"



DETAIL D/S3.0
SCALE: 3/4" = 1'-0"

ARCHITECTURE
INTERIORS
PLANNING

WTS
WATSON TATE SAVORY

WILLIAMS-BRICE STADIUM 100 LEVEL AND
SUITE 207 RENOVATIONS

KENNETH WILLIAM TIMMERMAN
No. 11150
04/13/17

TIMMERMAN STRUCTURAL ENGINEERING GROUP
No. 5537

ISSUE DATE:	APRIL 13, 2017
PHASE:	CONSTRUCTION DOCUMENTS

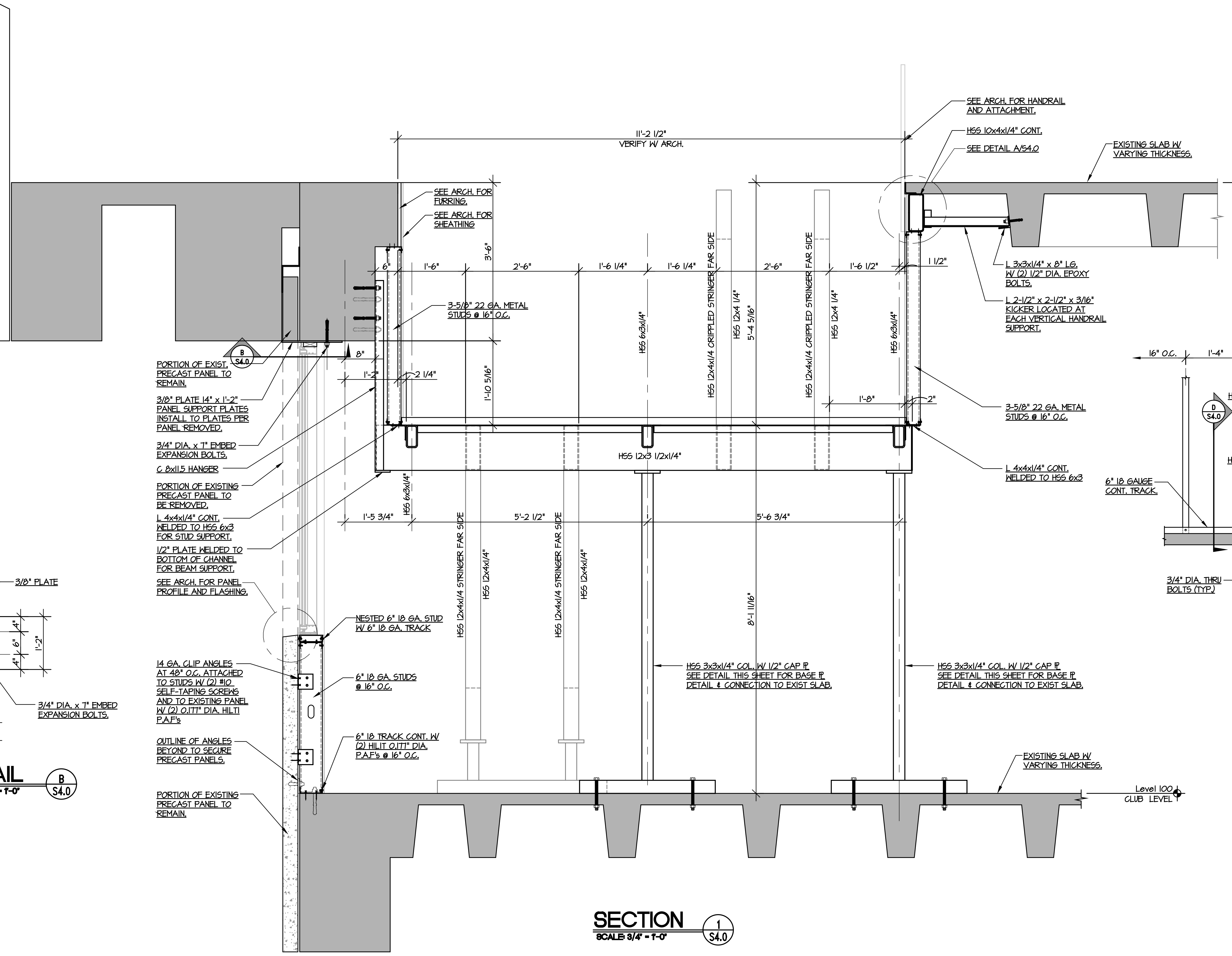
#	DATE	REVISION

SECTIONS THRU
STAIRS

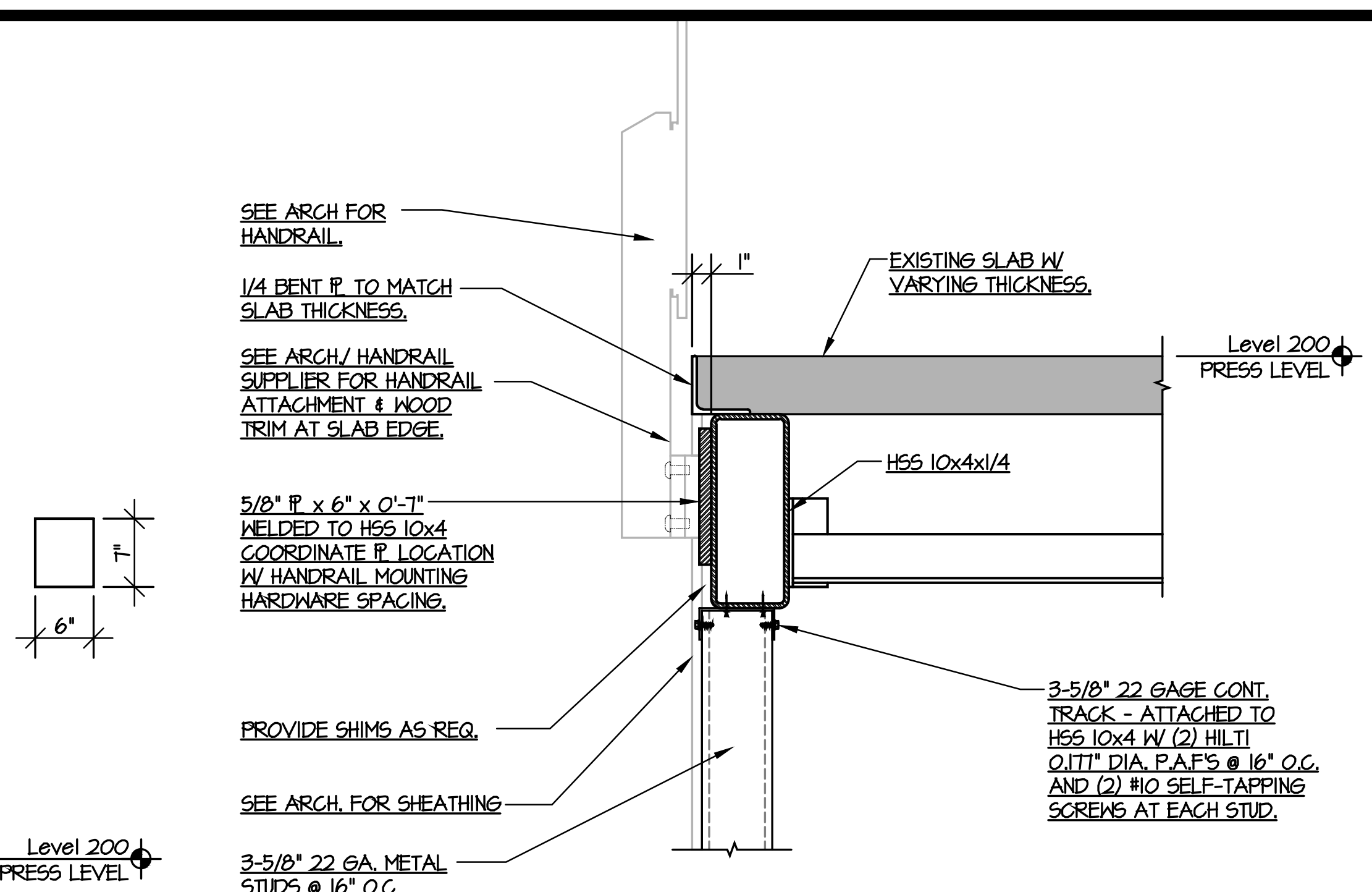
Timmerman Group
Structural
Engineering
580 Chris Drive, West Columbia S.C. 29169 Ph. 803.791.4511 Fax 803.791.4522

TSEG JOB # 17-149
Designed By: KWT
Drawn By: NDJ
Date: 04/13/17
Checked By: KWT

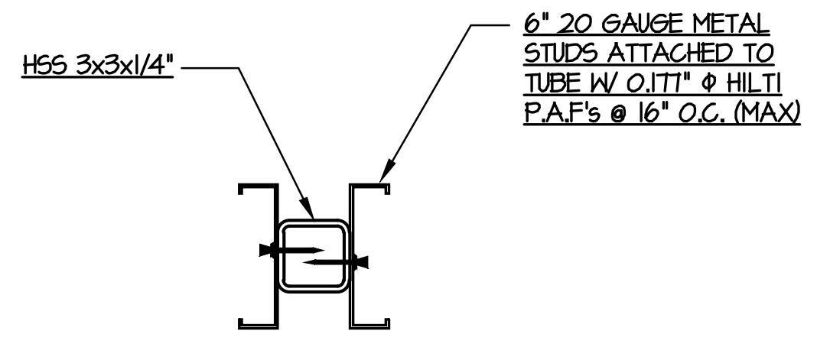
-
STATE PROJECT NO.
1702
WTS PROJECT NO.
SHEET
S3.0



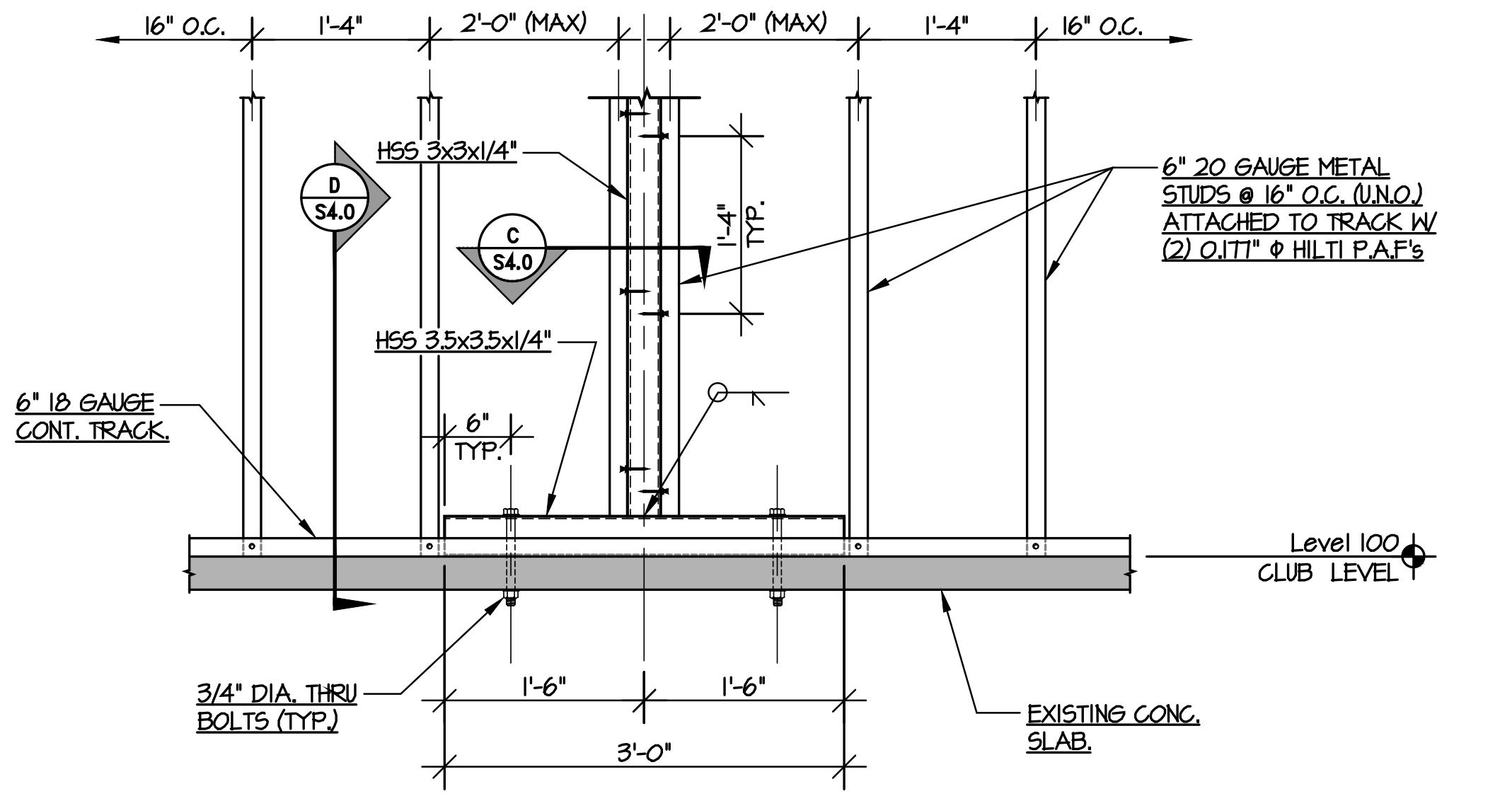
SECTION 1
SCALE: 3/4" = 1'-0" S4.0



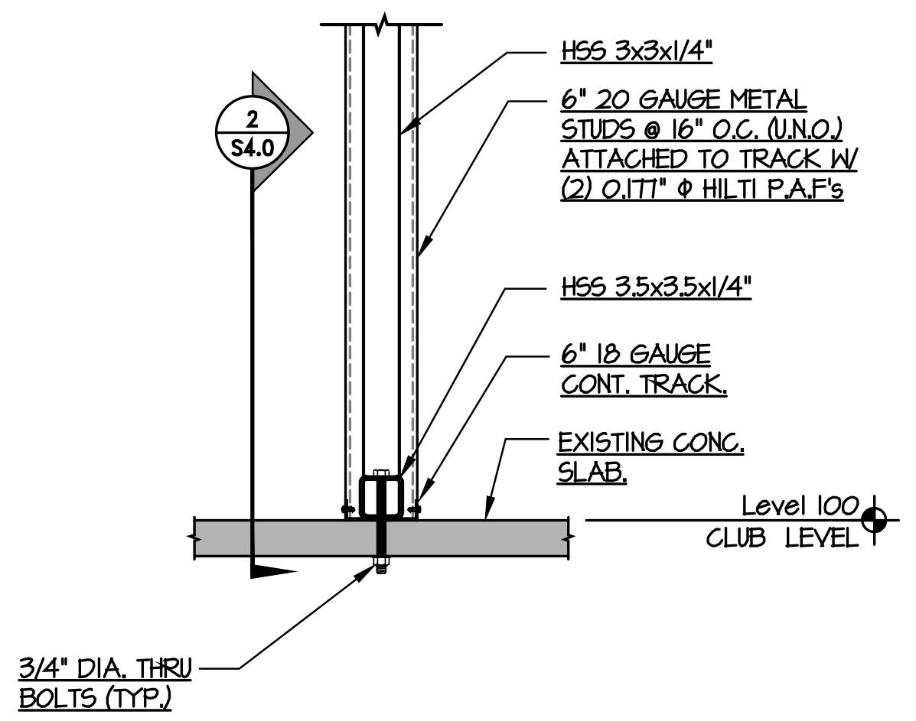
DETAIL A
SCALE: 1 1/2" = 1'-0" S4.0



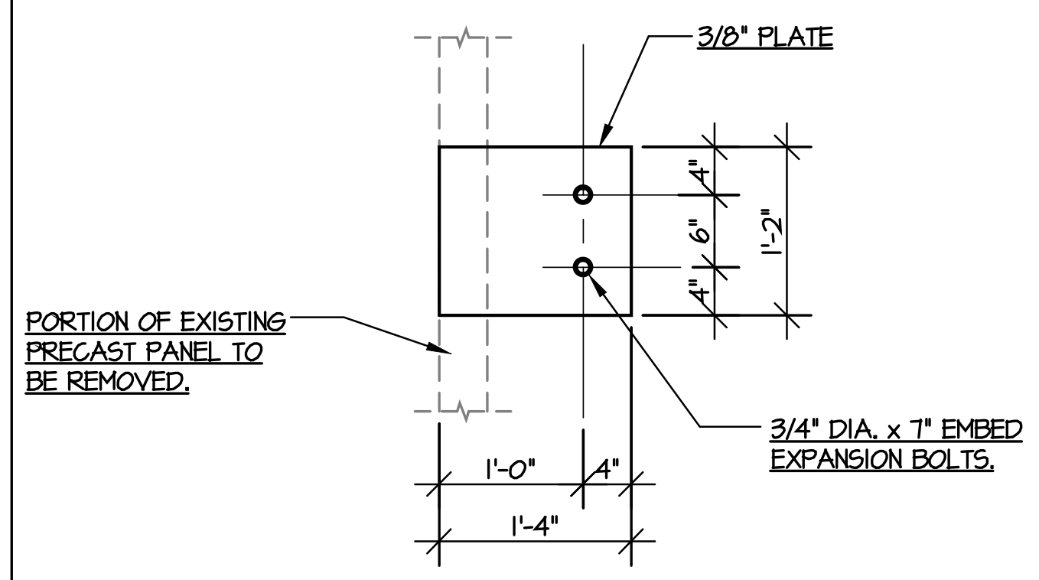
DETAIL C
SCALE: 1 1/2" = 1'-0" S4.0



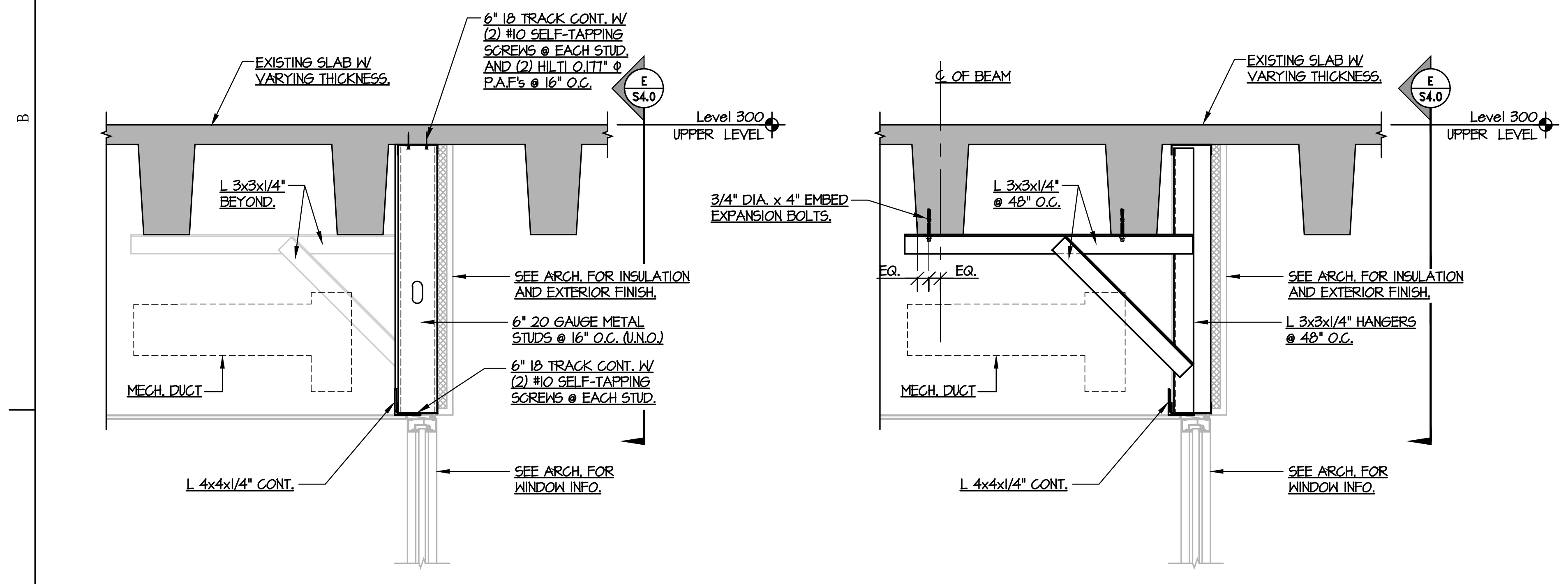
SECTION 2
SCALE: 3/4" = 1'-0" S4.0



DETAIL D
SCALE: 3/4" = 1'-0" S4.0



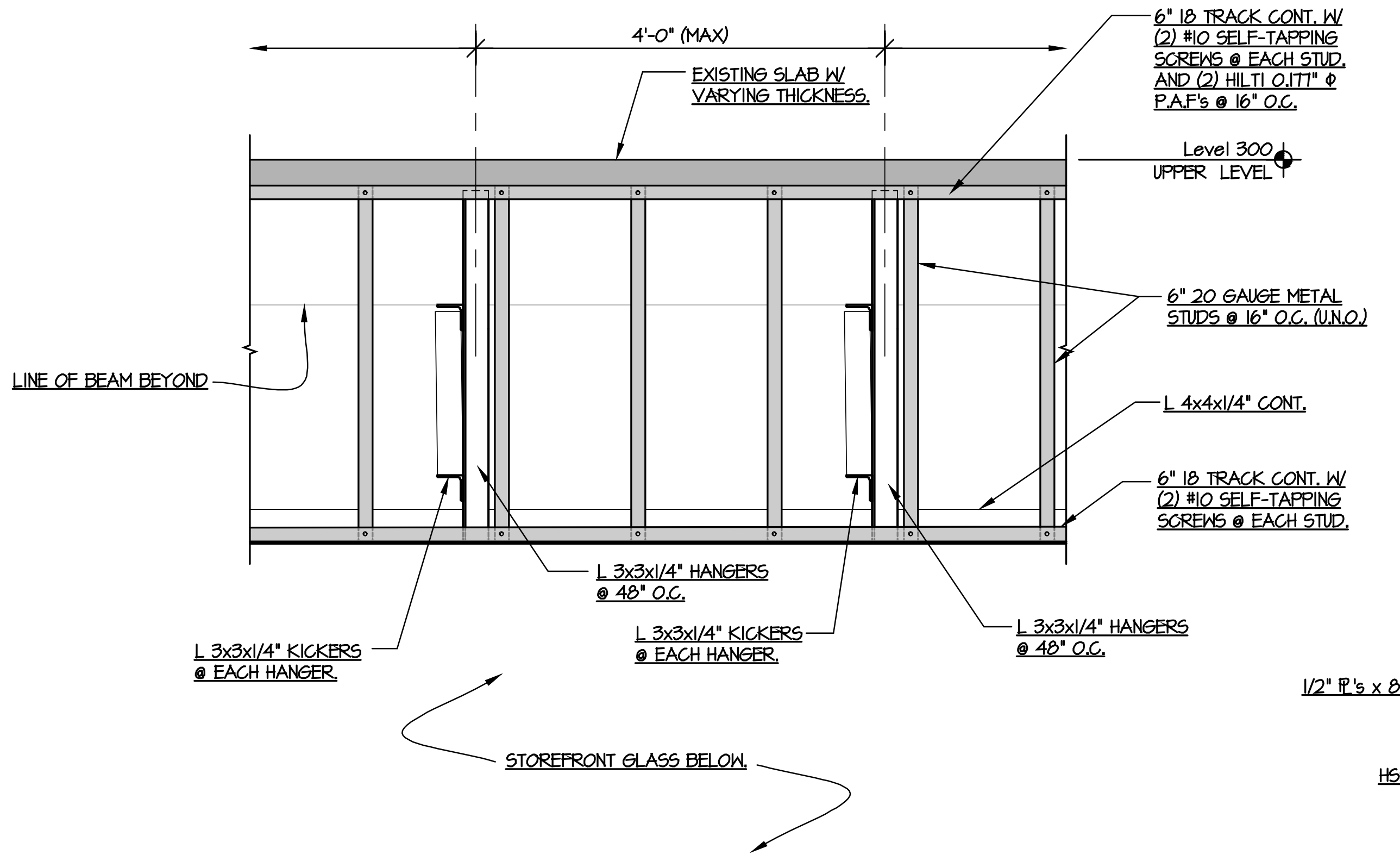
DETAIL B
SCALE: 3/4" = 1'-0" S4.0



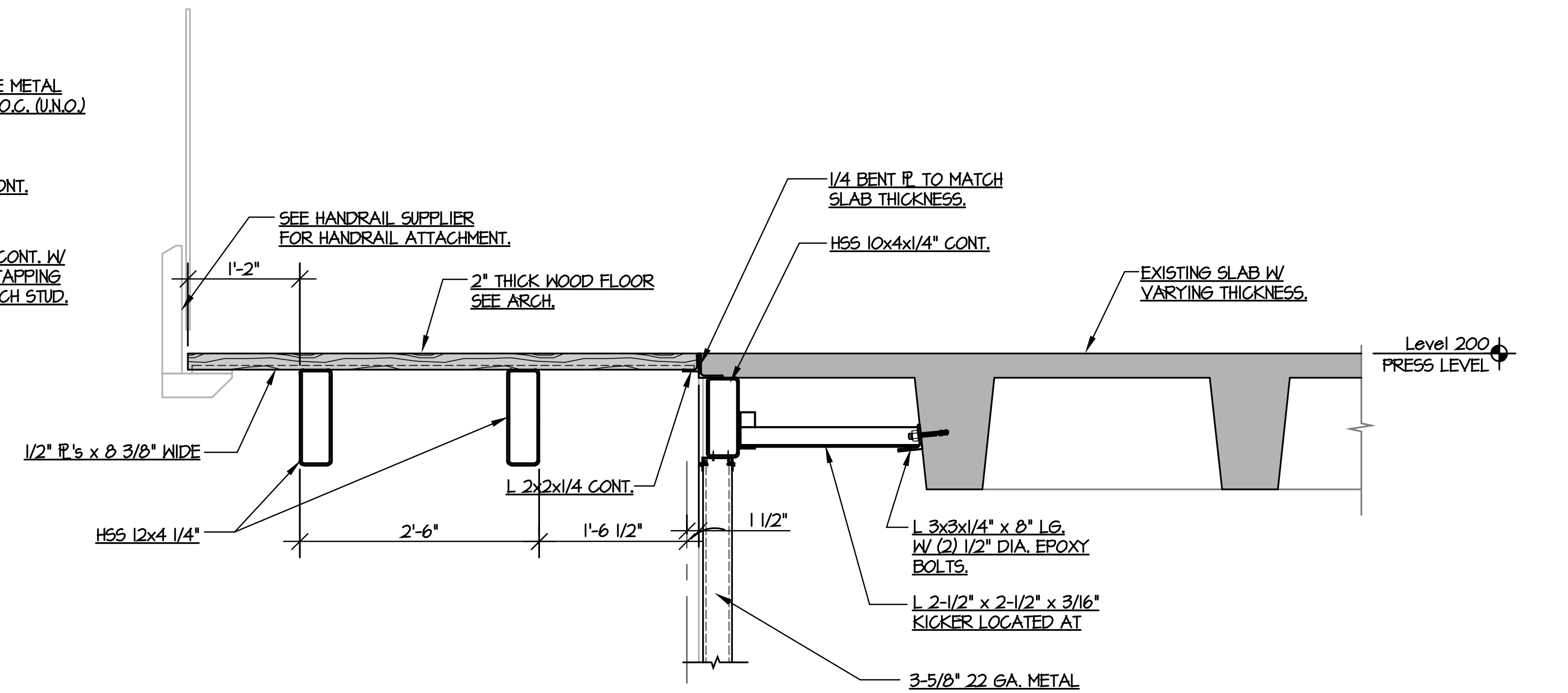
SECTION ABOVE STOREFRONT AT STUDS

SECTION ABOVE STOREFRONT AT STEEL HANGERS

SECTION 3
SCALE: 3/4" = 1'-0" S4.0



DETAIL E
SCALE: 3/4" = 1'-0" S4.0



SECTION 4
SCALE: 3/4" = 1'-0" S4.0

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SECTIONS THRU
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STOREFRONT

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Structural
Engineering

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S4.0

STATEMENT OF SPECIAL INSPECTIONS (PER CHAPTER 17, 2012 IBC)

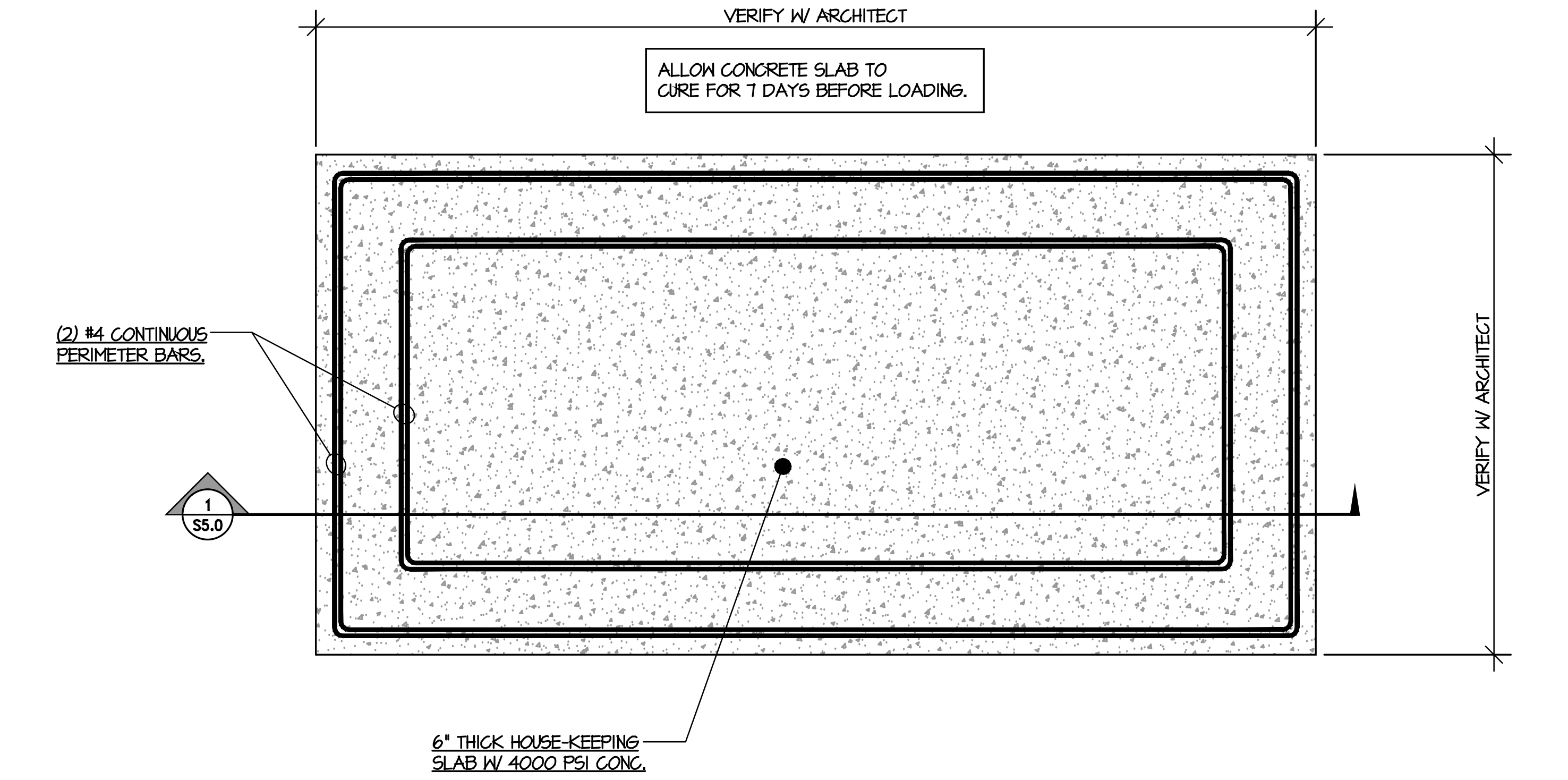
SPECIAL INSPECTION COMPANY / COORDINATOR - TO BE RETAINED BY OWNER

BUILDING SYSTEM OR COMPONENT	MATERIAL SUBMITTAL	TESTING			INSPECTION (PER IBC)			QUALITY ASSURANCE (PER IBC)	
		REQUIREMENTS	FREQUENCY	AGENCY	MONITORING	FREQUENCY	AGENCY	PART OF WIND	PART OF SEISMIC
STRUCTURAL STEEL	1. SUBMIT MANUFACTURER'S CERTIFIED MILL TEST REPORTS FOR STRUCTURAL STEEL.	N/A	N/A	N/A	1. INSPECT STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS.	1. PERIODIC	INSPECTION AGENCY TO BE APPROVED BY SPECIAL INSPECTION COORDINATOR & BUILDING OFFICIAL PER IBC	1. FLOOR AND ROOF SYSTEM FRAMING	1. FLOOR AND ROOF SYSTEM FRAMING
STRUCTURAL STEEL WELDING	1. SUBMIT MANUFACTURER'S CERTIFICATE OF COMPLIANCE FOR WELD FILLER MATERIAL.	N/A	N/A	N/A	VERIFY WELDING IS IN COMPLIANCE WITH AWS D1.1 1. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS. 2. MULTIPASS FILLET WELDS 3. SINGLE-PASS FILLET WELDS > 5/16" 4. SINGLE-PASS FILLET WELDS < OR = 5/16" 5. FLOOR AND DECK WELDS	1. CONTINUOUS 2. CONTINUOUS 3. CONTINUOUS 4. PERIODIC 5. PERIODIC	INSPECTION AGENCY TO BE APPROVED BY SPECIAL INSPECTION COORDINATOR & BUILDING OFFICIAL PER IBC	1. FLOOR AND ROOF SYSTEM WELDING	1. FLOOR AND ROOF SYSTEM WELDING
COLD FORM FRAMING	1. SUBMIT MANUFACTURER'S CERTIFIED MILL TEST REPORTS FOR STRUCTURAL STEEL.	N/A	N/A	N/A	1. VERIFY ALL SIZES, SPACINGS, AND GAUGES ETC. CONFORM W/ CONSTRUCTION DOCUMENTS 2. VERIFY ALL CONNECTIONS AND FASTENERS CONFORM WITH CONSTRUCTION DOCUMENTS 3. VERIFY ALL BRIDGING AND BRACING CONFORMS WITH CONSTRUCTION DOCUMENTS	1. PERIODIC 2. PERIODIC 3. PERIODIC	INSPECTION AGENCY TO BE APPROVED BY SPECIAL INSPECTION COORDINATOR & BUILDING OFFICIAL PER IBC	1. YES	1. YES
WALL PANELS OR GLAZING SYSTEM	1. SUBMIT MANUFACTURER'S LITERATURE FOR COMPLIANCE WITH DP RATINGS. 2. SUBMIT SHOP DRAWINGS FOR ANCHORAGE.	1. SUBMIT MANUFACTURERS TEST REPORTS ON ANCHORAGE.	N/A	N/A	1. VERIFY FASTENER LOCATION AND INSTALLATION.	1. PERIODIC	INSPECTION AGENCY TO BE APPROVED BY SPECIAL INSPECTION COORDINATOR & BUILDING OFFICIAL PER IBC	1. YES	1. YES
ANCHORAGE OF ELECTRICAL EQUIPMENT USED FOR EMERGENCY OR STANDBY POWER	1. SUBMIT ANCHOR TYPE AND LITERATURE.	1. SUBMIT MANUFACTURERS TEST REPORTS.	N/A	N/A	1. VERIFY FASTENER LOCATION AND INSTALLATION.	1. PERIODIC	INSPECTION AGENCY TO BE APPROVED BY SPECIAL INSPECTION COORDINATOR & BUILDING OFFICIAL PER IBC	1. NO	1. YES

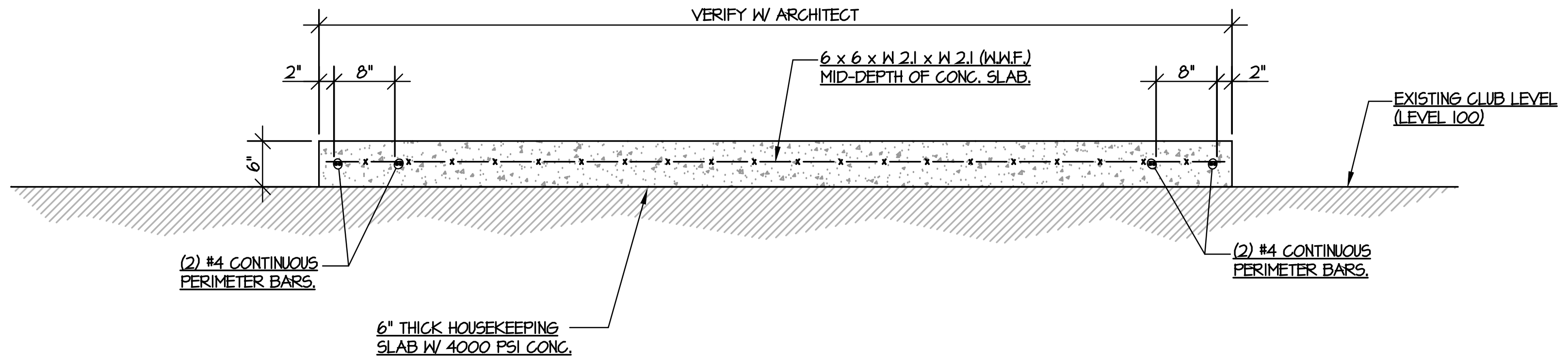
NOTE: ALL TESTING, INSPECTION & RELATED REPORTS SHALL BE SENT TO THE SPECIAL INSPECTION COORDINATOR & THE OWNER.
ANY DEFICIENCIES SHALL BE CLEARLY NOTED & BROUGHT TO THE ATTENTION OF THE SPECIAL INSPECTION COORDINATOR BEFORE THE END OF THE INSPECTOR'S SHIFT.

DEFINITIONS:

- SPECIAL INSPECTOR: PER IBC "A QUALIFIED PERSON EMPLOYED OR RETAINED BY AN APPROVED AGENCY AND APPROVED BY THE BUILDING OFFICIAL AS HAVING THE COMPETENCE NECESSARY TO INSPECT A PARTICULAR TYPE OF CONSTRUCTION REQUIRING SPECIAL INSPECTION".
- PERIODIC SPECIAL INSPECTION: PER IBC "SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED".
- CONTINUOUS SPECIAL INSPECTION: PER IBC "SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED". THIS IS INTENDED TO BE A CONTINUOUS INSPECTION.



NEW TRANSFORMER HOUSEKEEPING SLAB



SECTION 1/S5.0
SCALE: 3/4" = 1'-0"

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TRANSFORMER
HOUSEKEEPING PAD
& SPECIAL
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