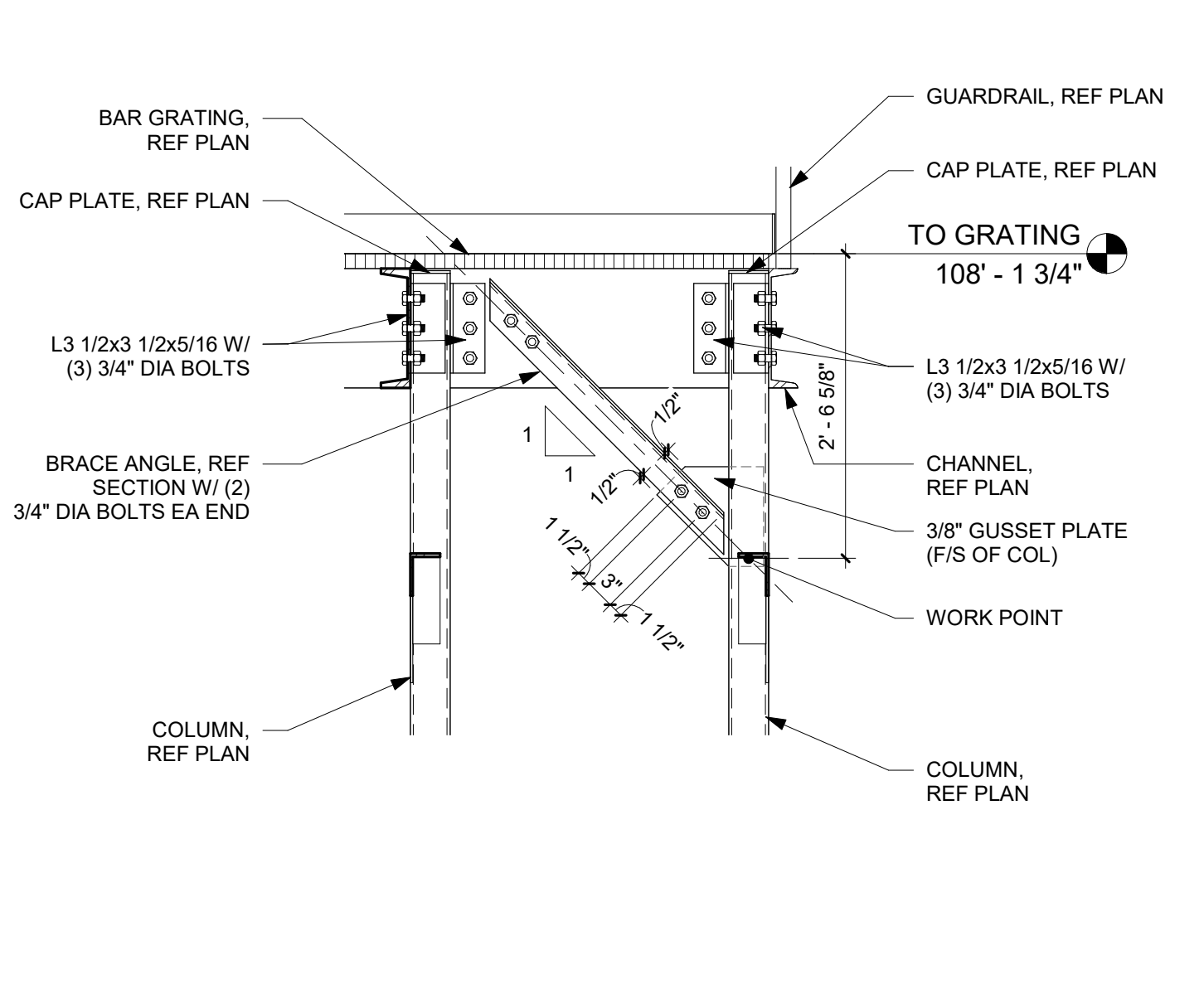
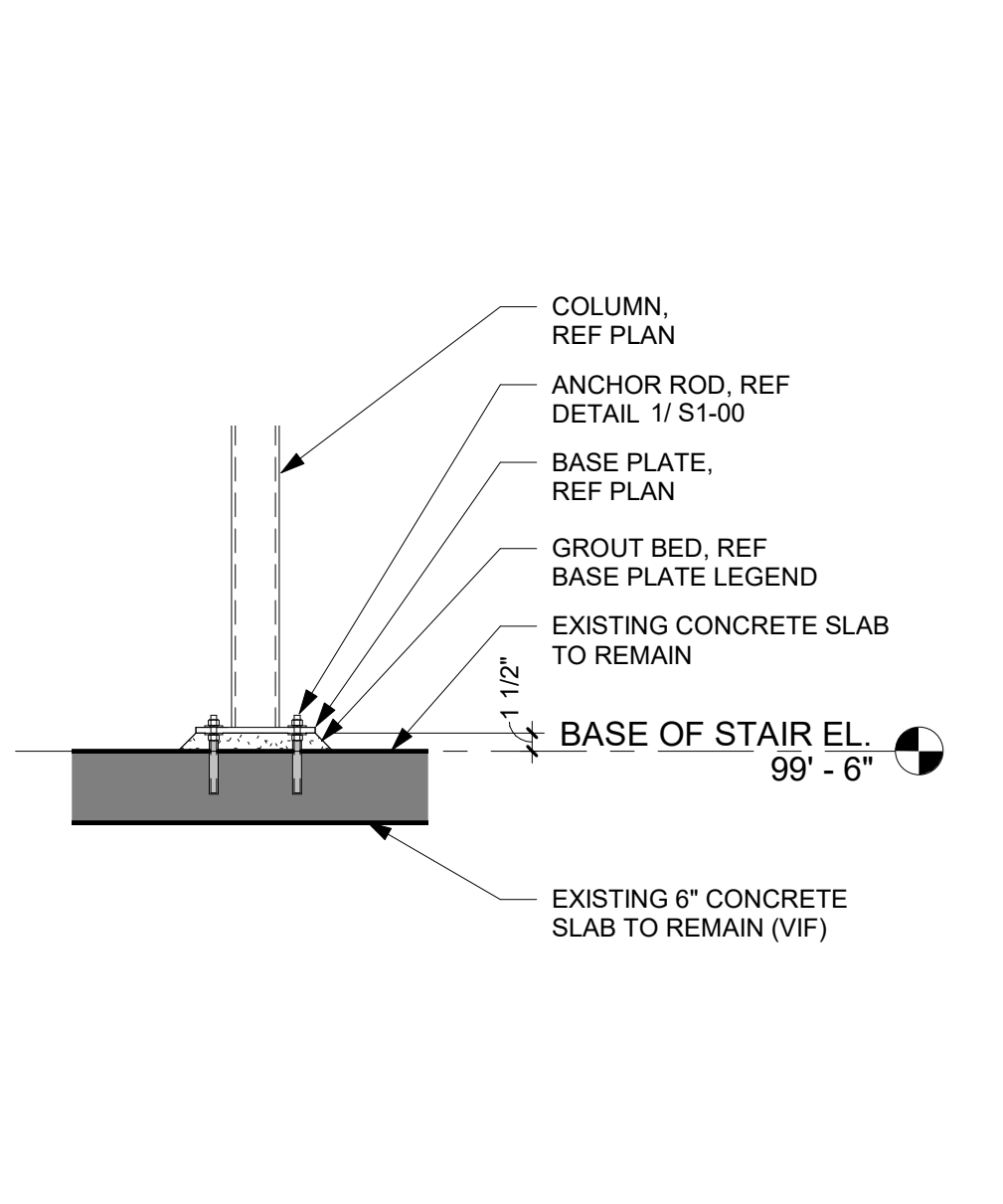


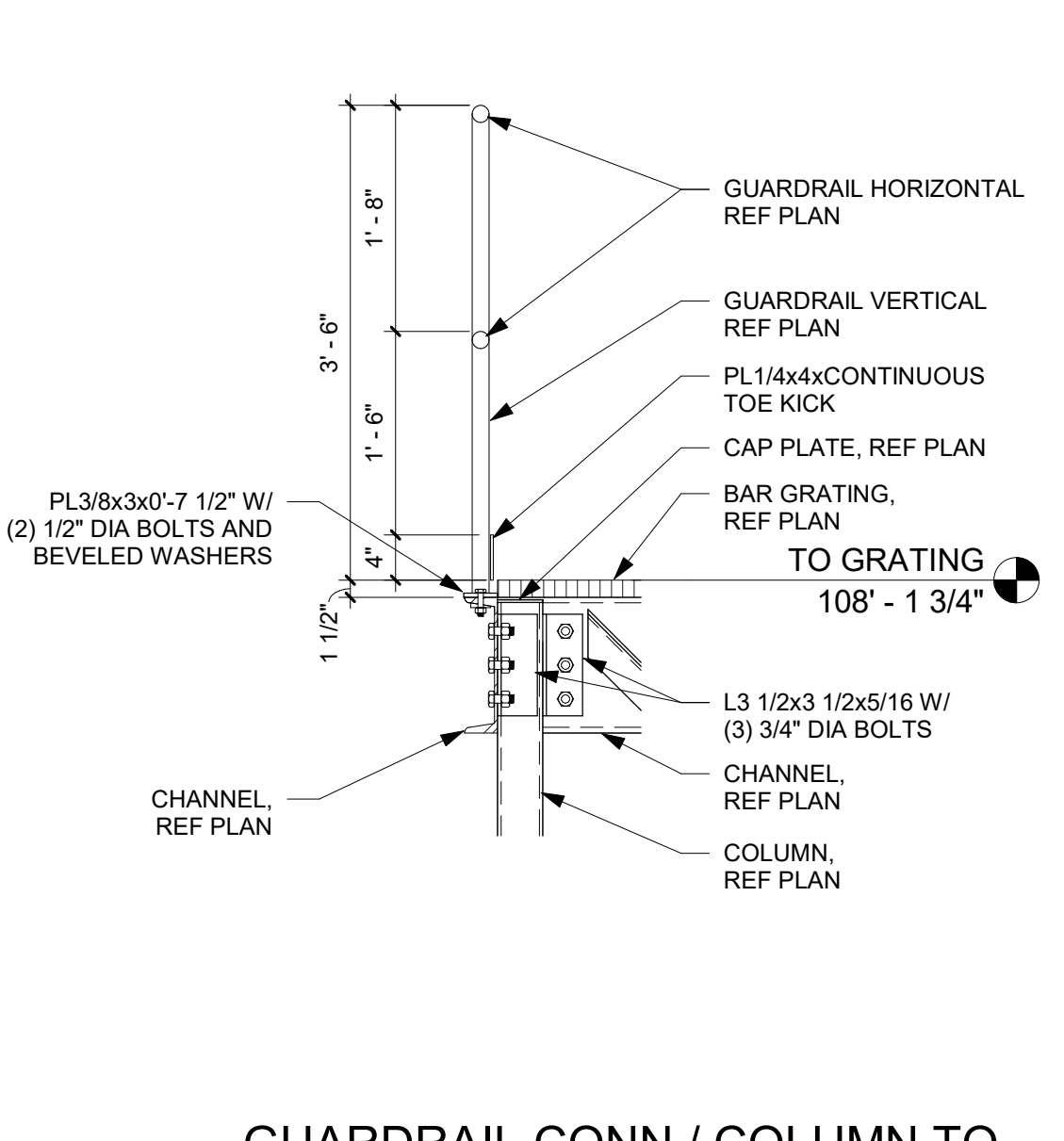
1 TYP GUARDRAIL CONNECTION TO STRINGER
1" = 1'-0"



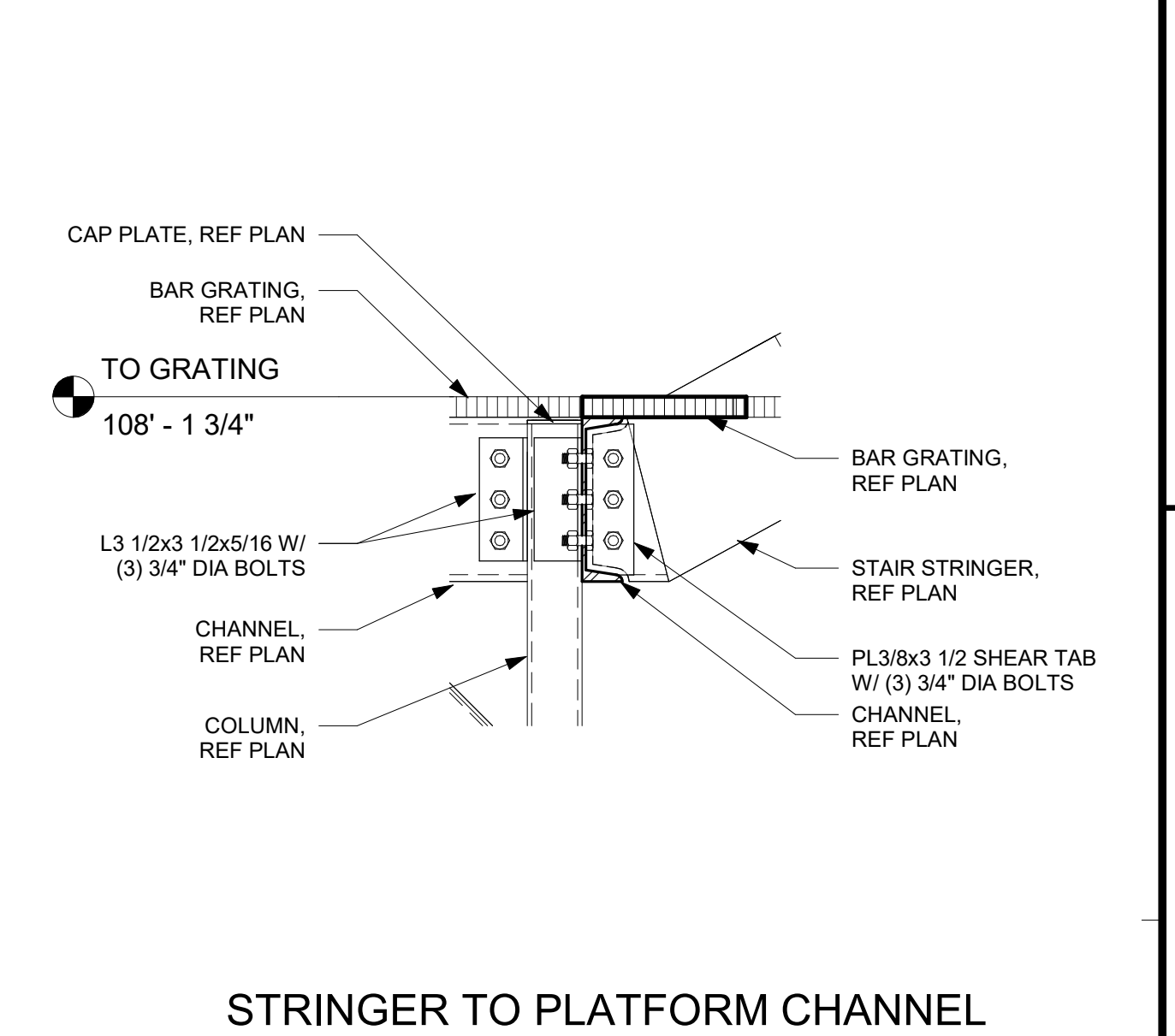
2 BRACE ANGLE CONNECTION
3/4" = 1'-0"



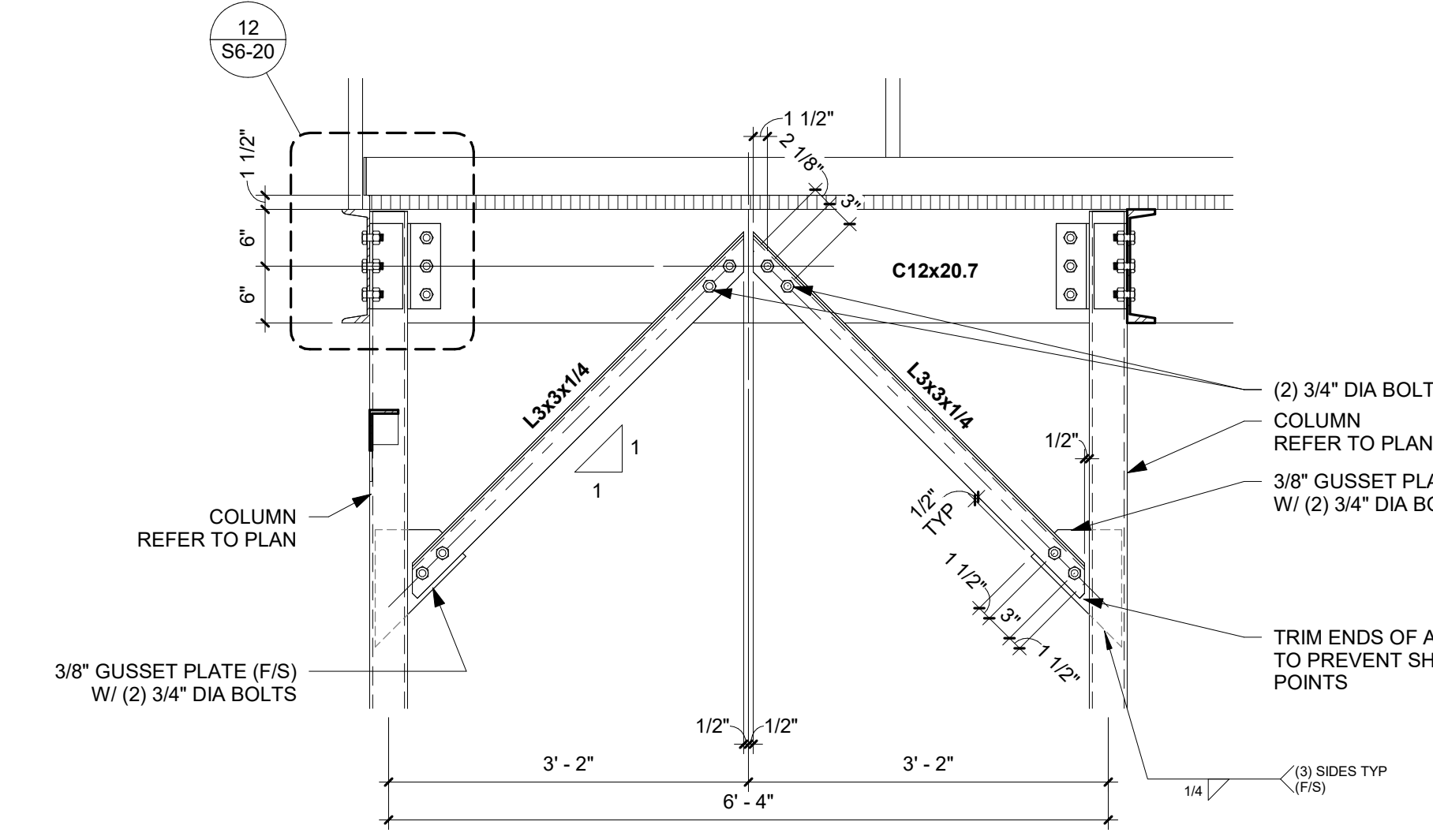
3 BASE PLATE CONNECTION
3/4" = 1'-0"



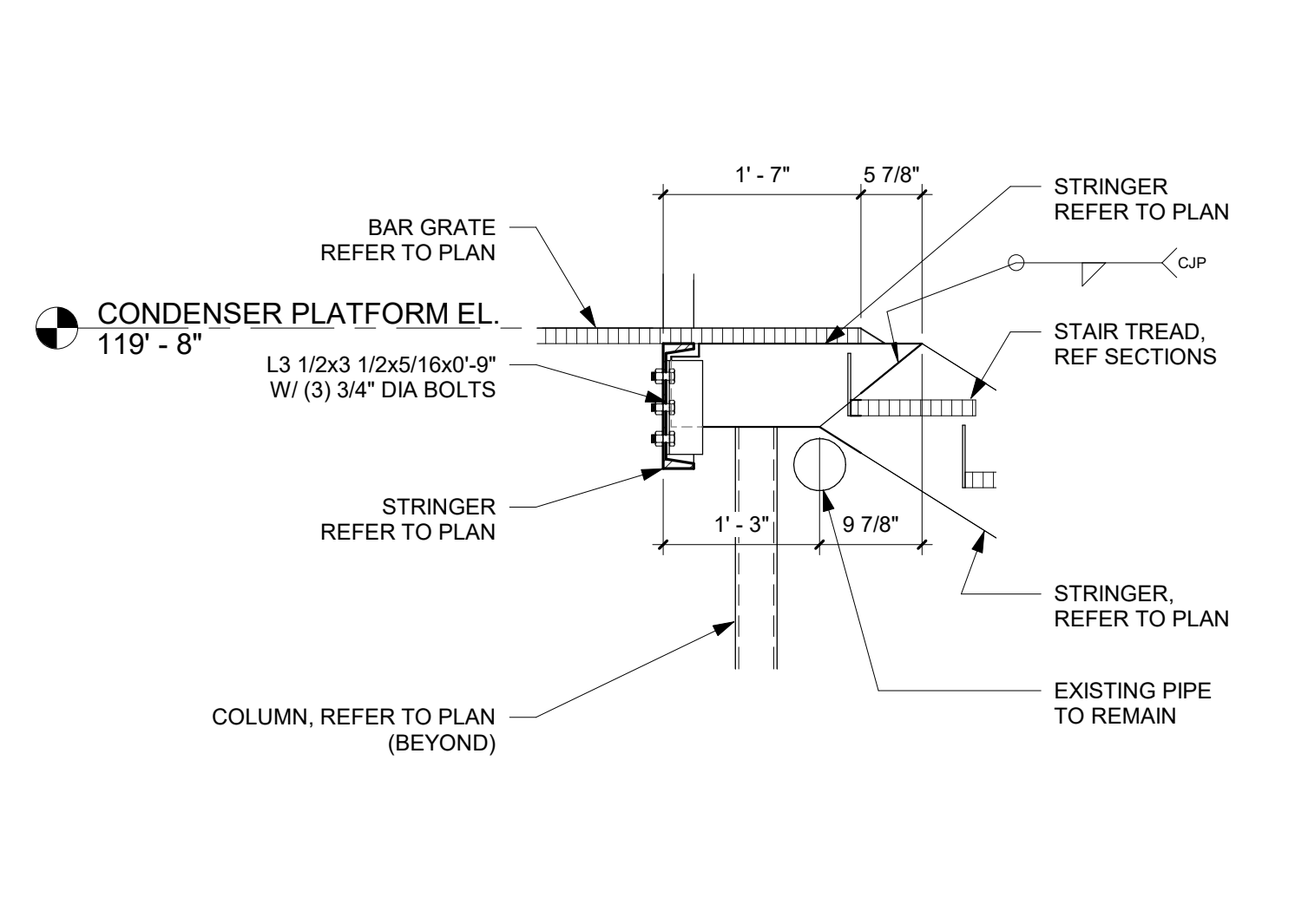
4 GUARDRAIL CONN / COLUMN TO CHANNEL CONN
3/4" = 1'-0"



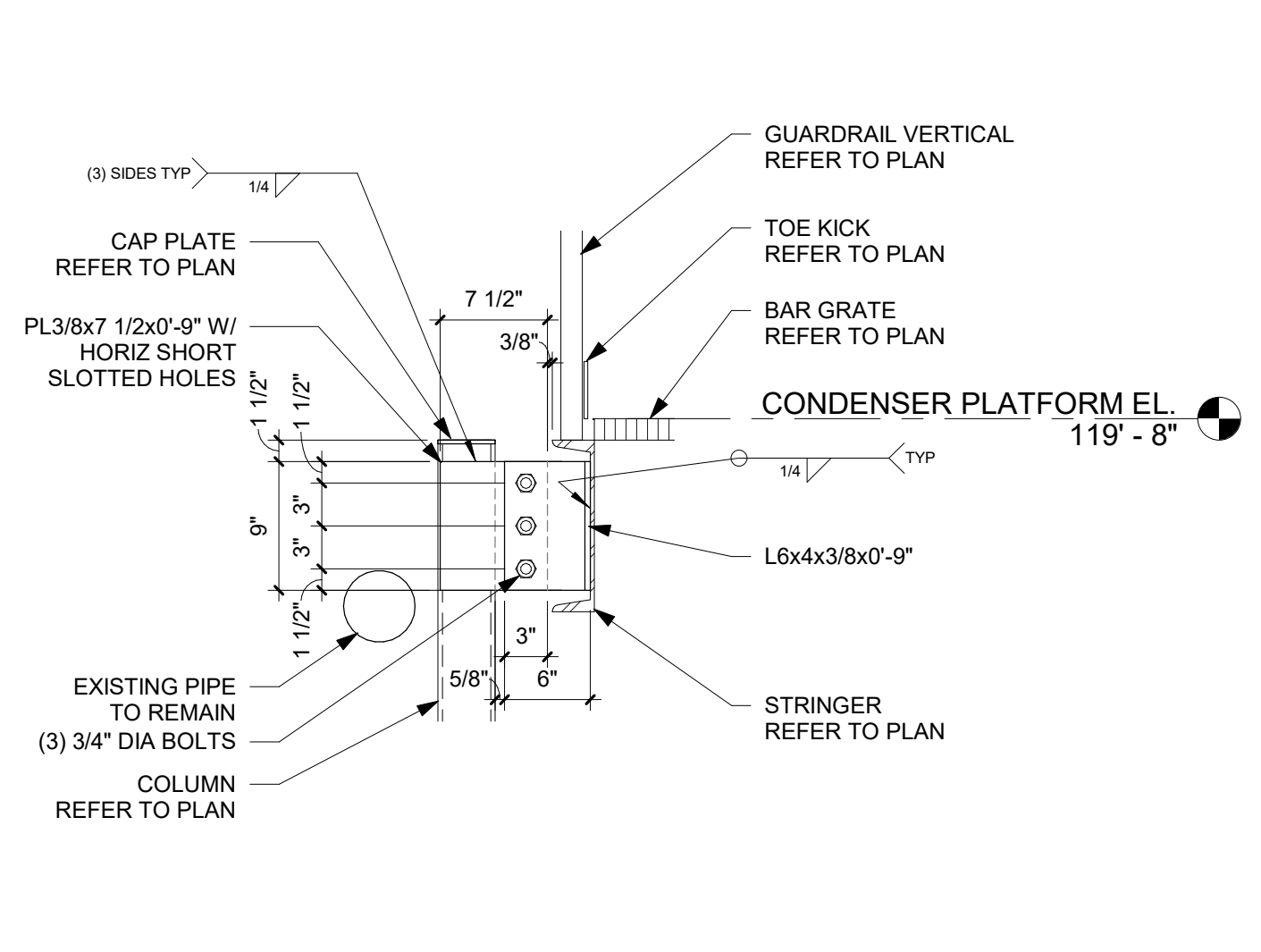
5 STRINGER TO PLATFORM CHANNEL CONNECTION
1" = 1'-0"



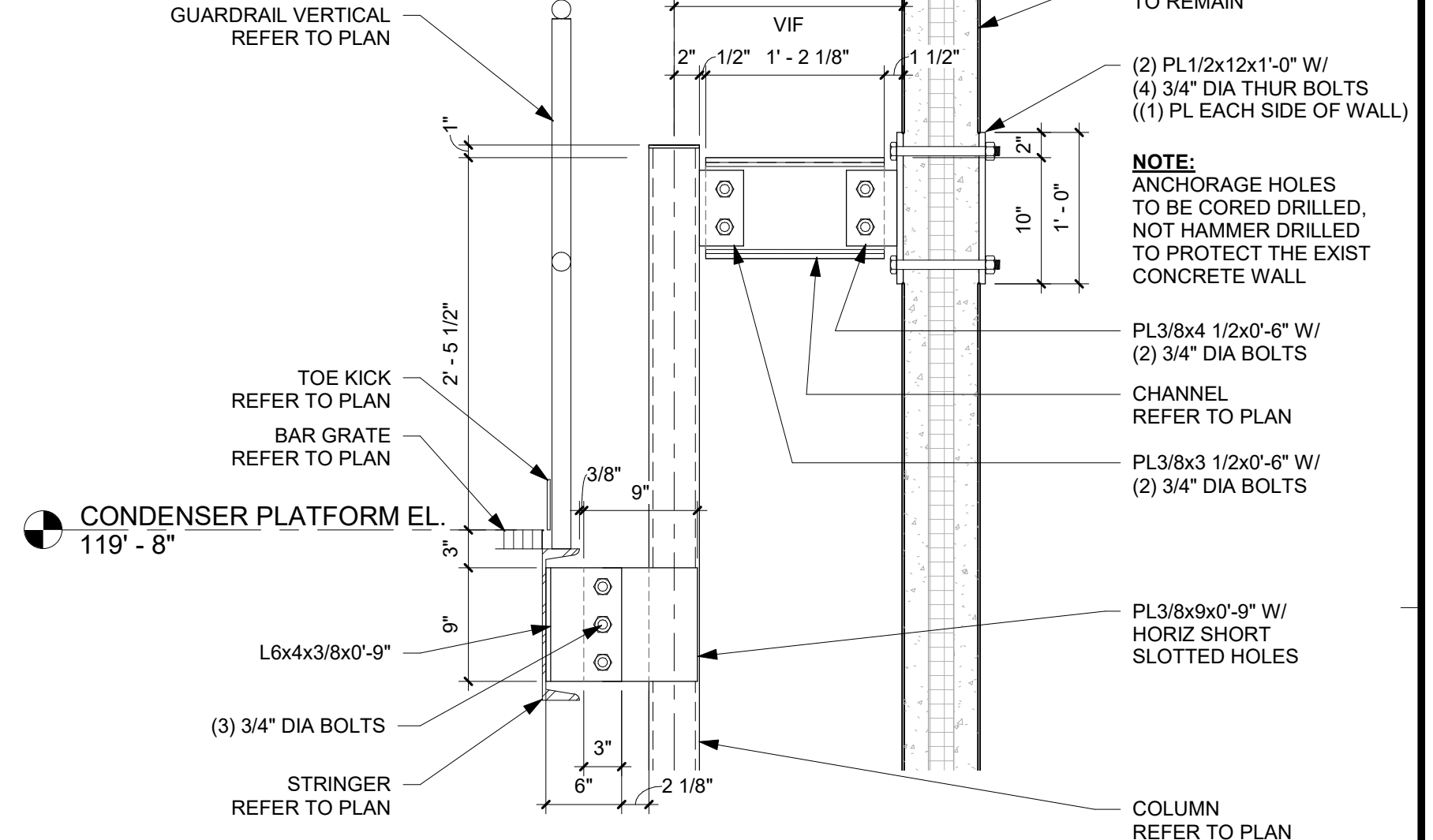
6 DOUBLE BRACE CONNECTION
3/4" = 1'-0"



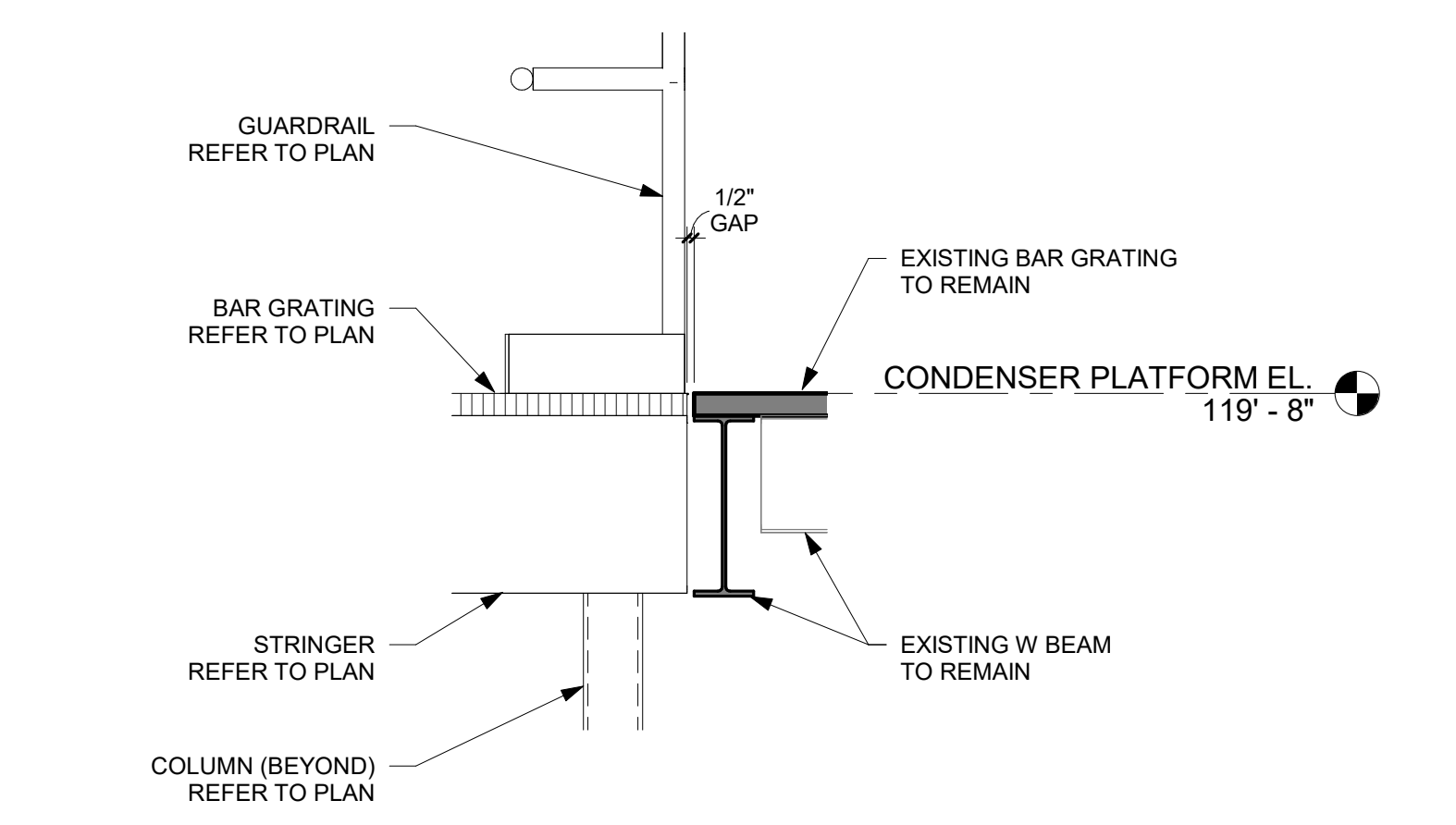
7 STRINGER TO CHANNEL CONNECTION
3/4" = 1'-0"



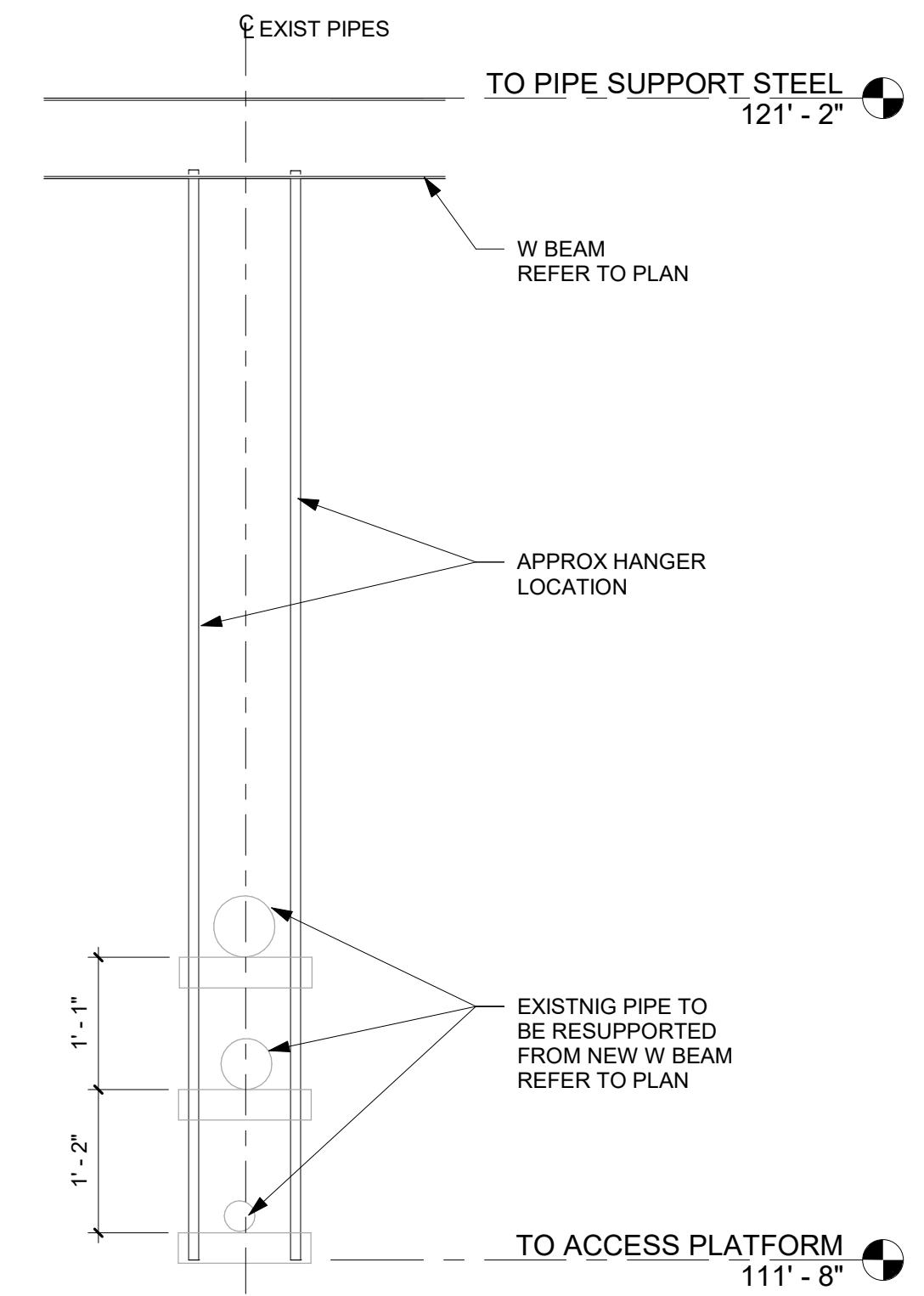
8 COL TO STRINGER CONN
1" = 1'-0"



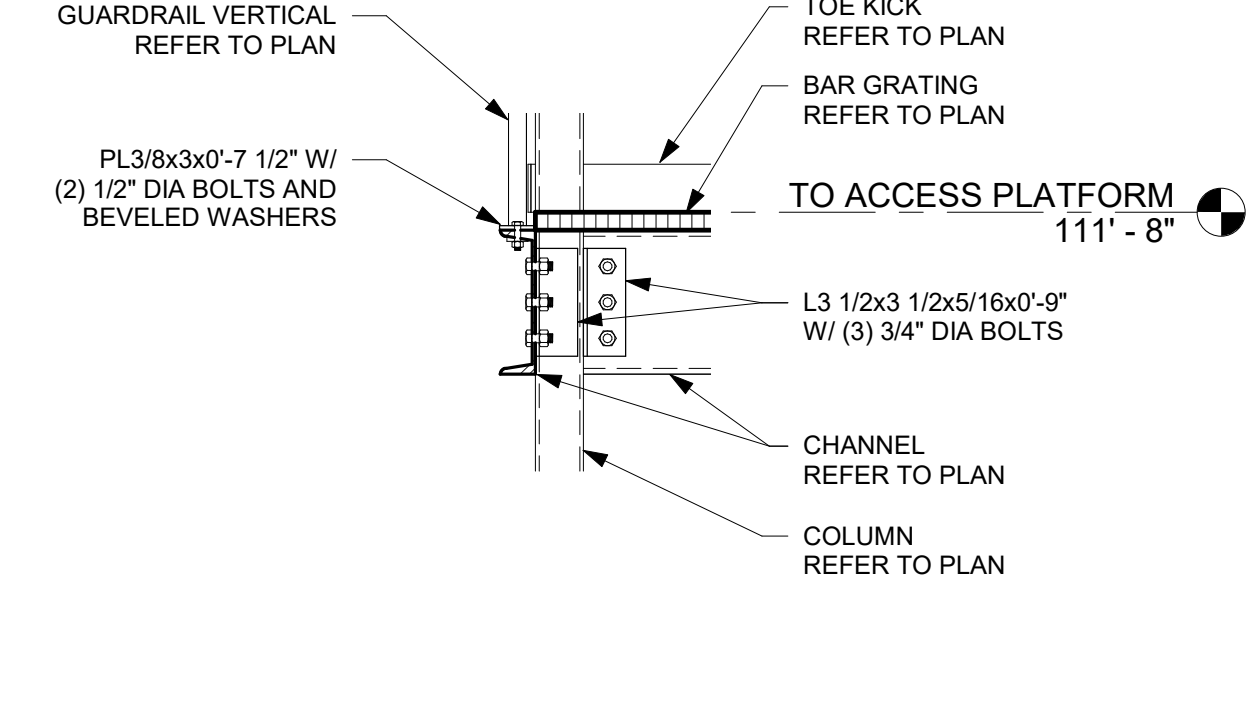
9 COLUMN TO EXIST BLDG CONN
1" = 1'-0"



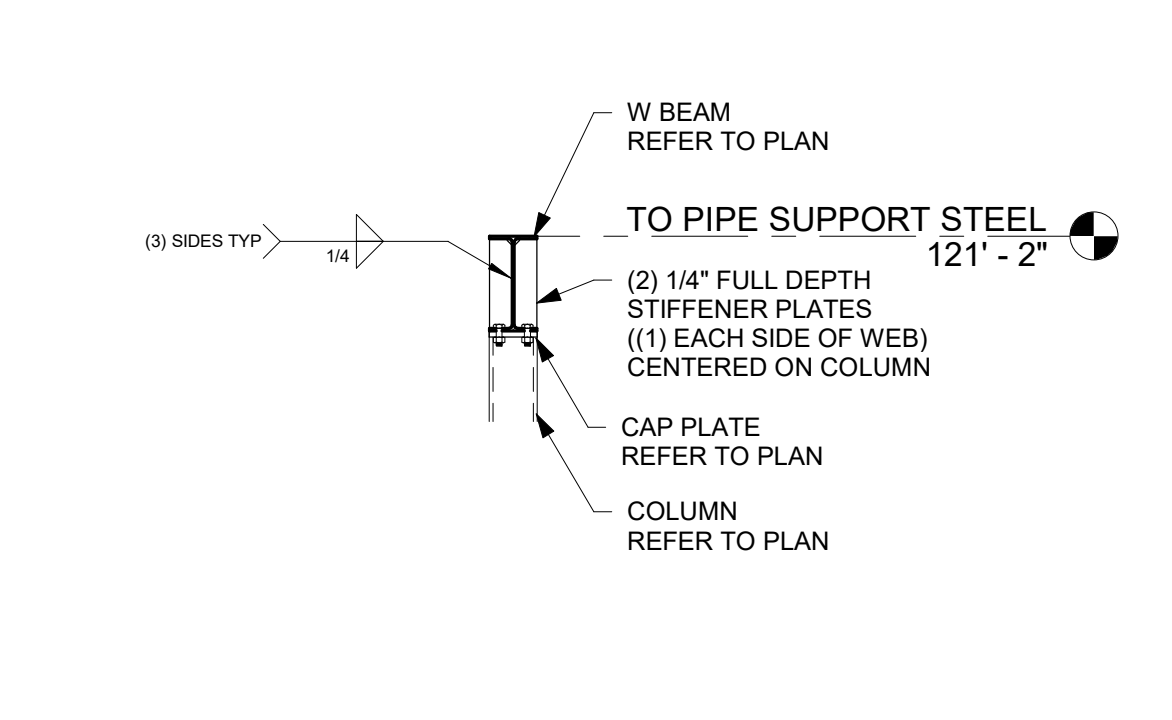
10 NEW LANDING @ EXIST PLATFORM
1" = 1'-0"



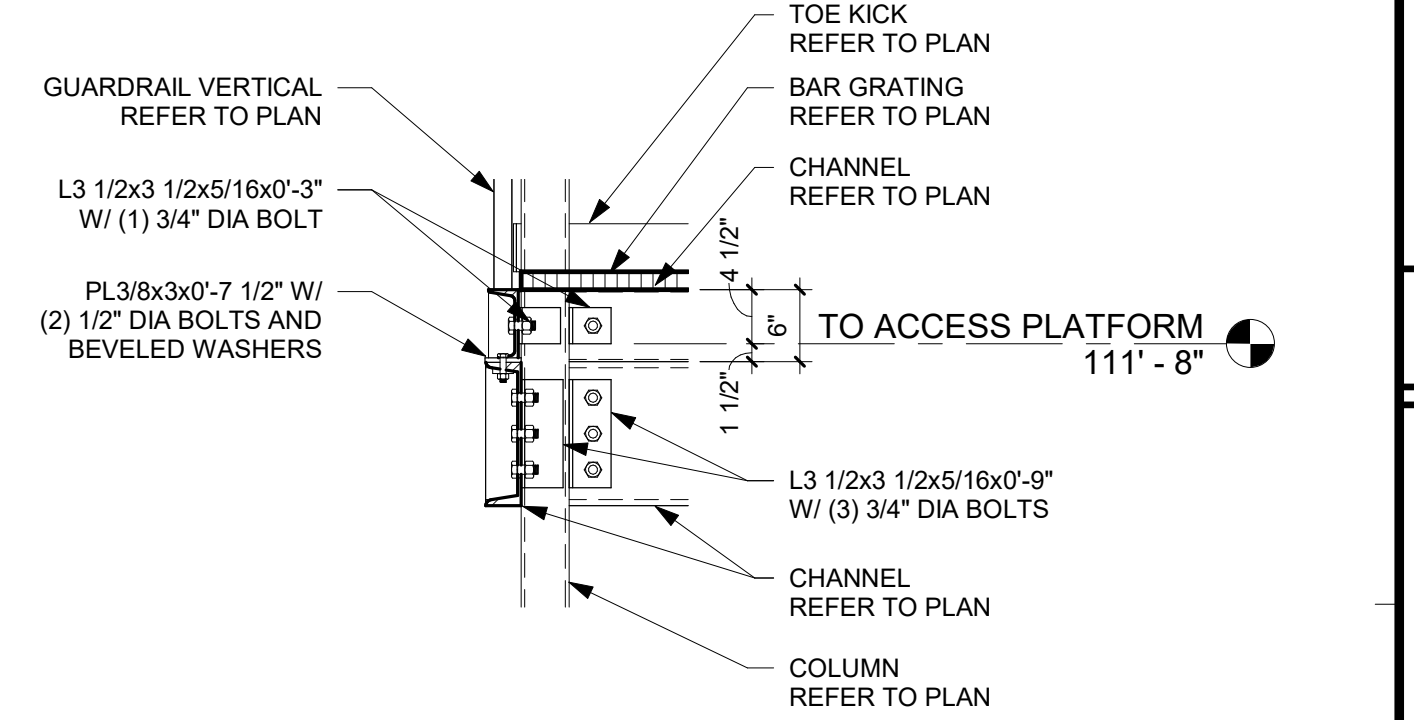
11 EXIST PIPE SUPPORT
3/4" = 1'-0"



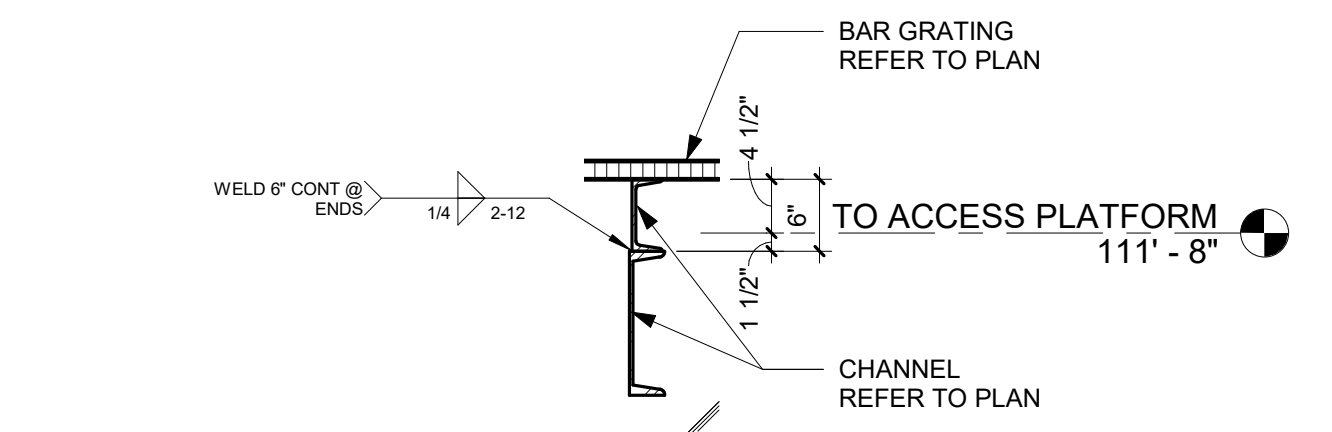
12 CHANNEL TO HSS COL CONN
3/4" = 1'-0"



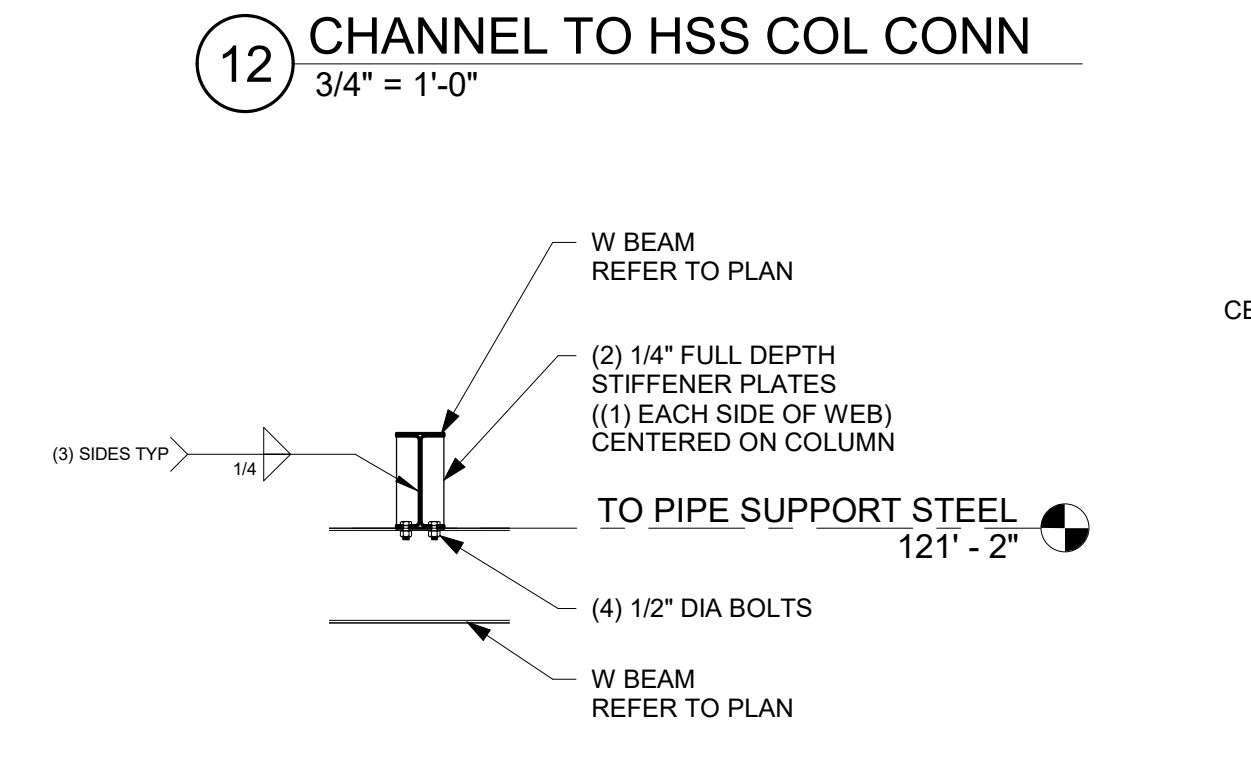
13 BEAM TO COL CONN
3/4" = 1'-0"



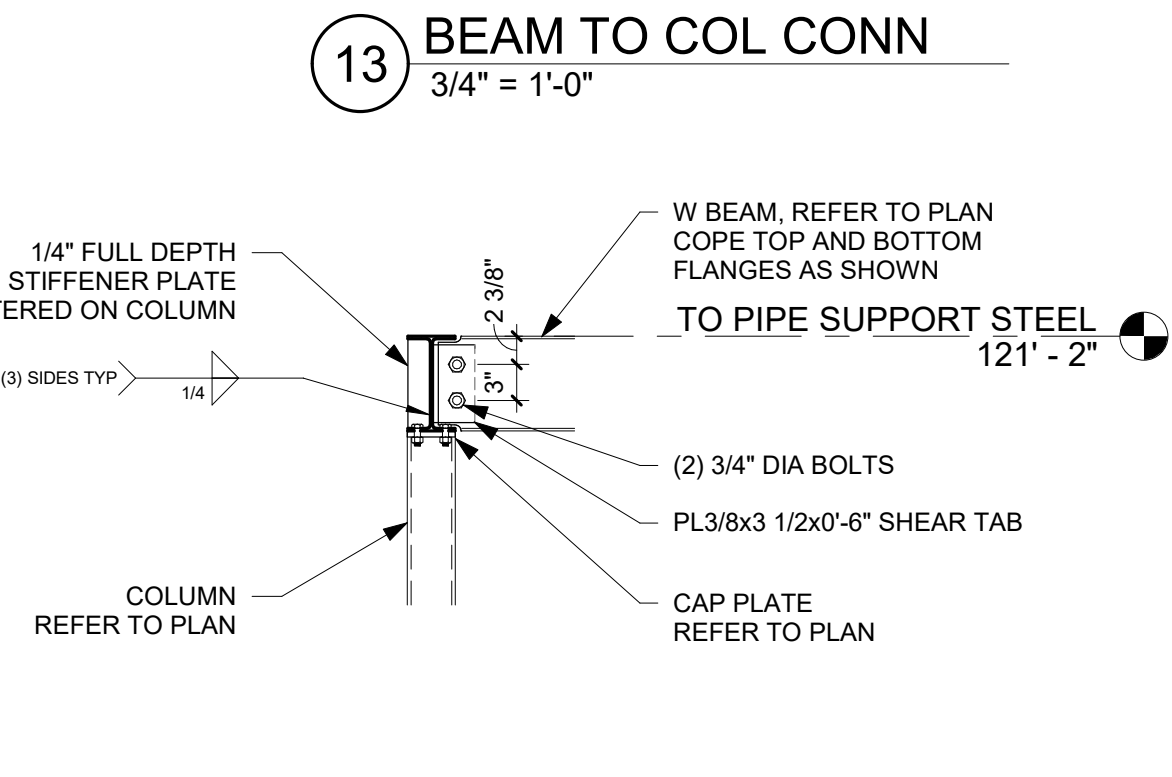
14 STACKED CHANNEL CONN TO HSS COL
3/4" = 1'-0"



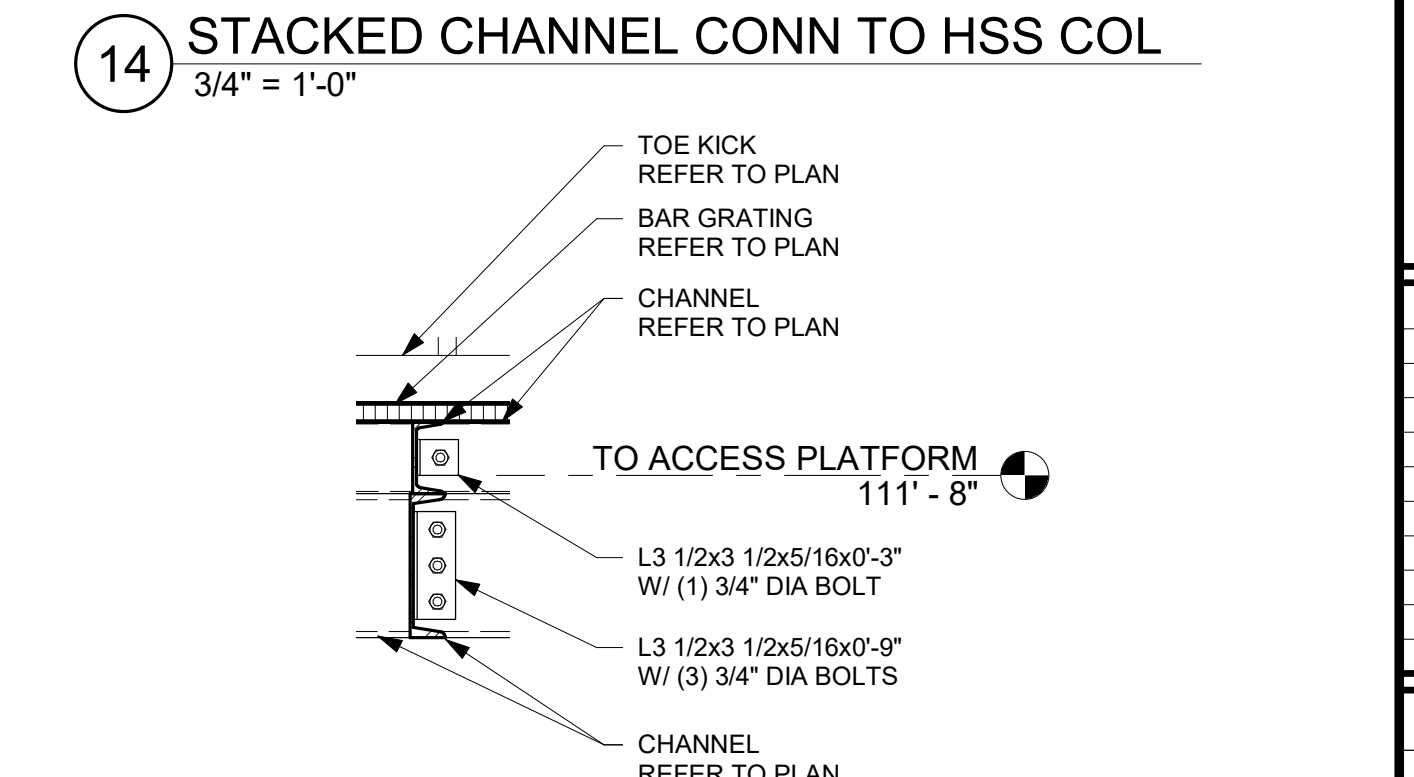
15 MC TO C CHANNEL CONNECTION
3/4" = 1'-0"



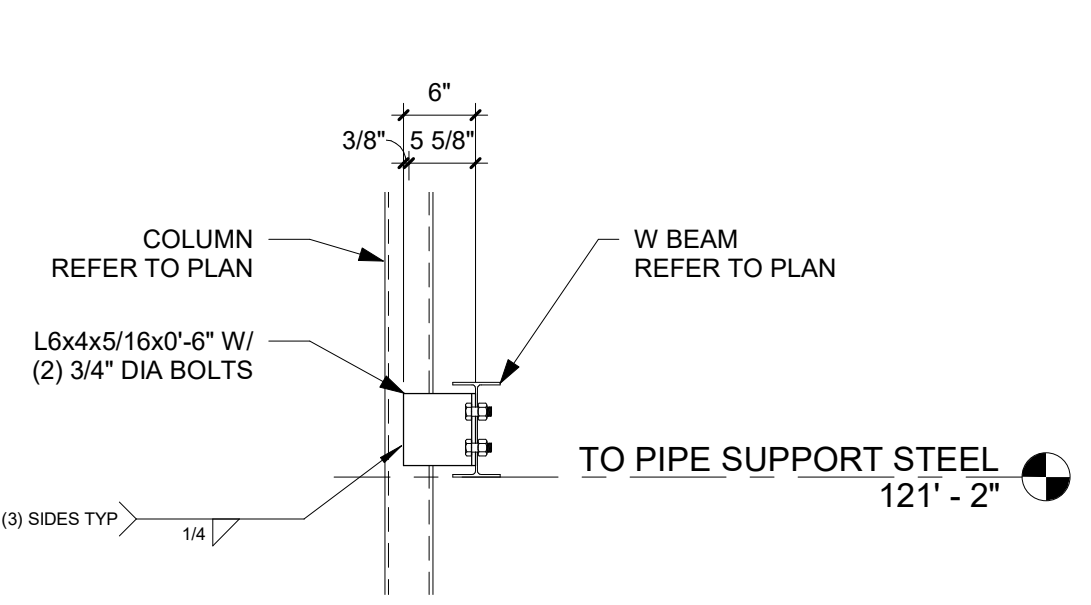
16 HANGER BEAM TO SUPPORT BEAM CONN
3/4" = 1'-0"



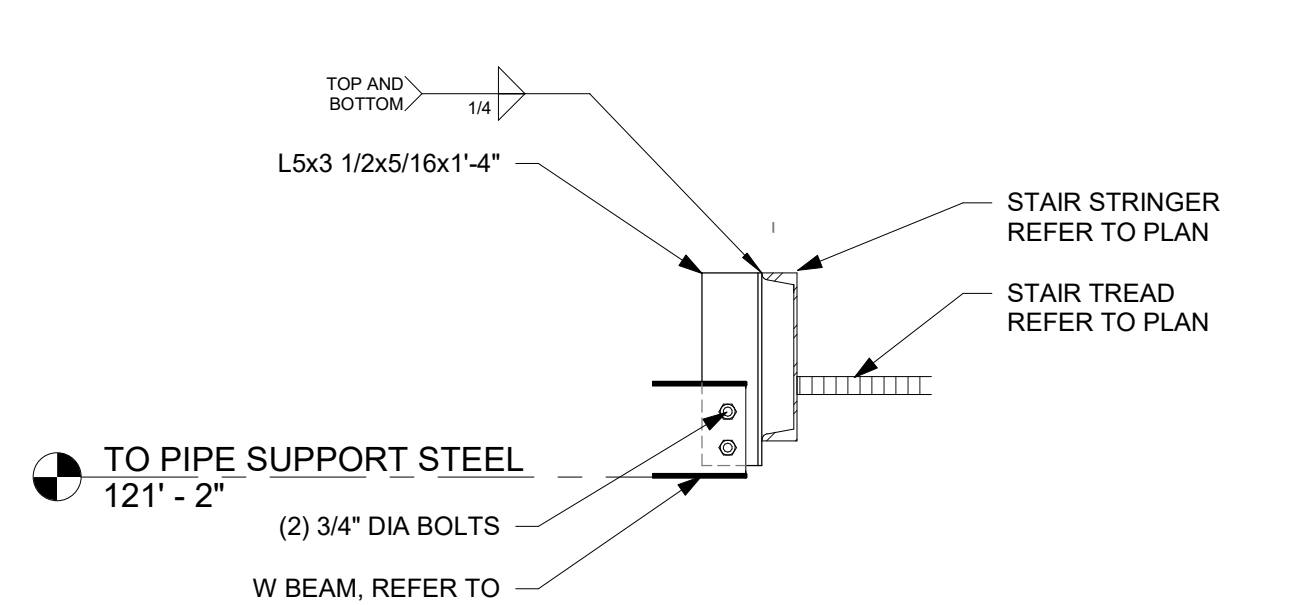
17 BEAM TO BEAM CONN
3/4" = 1'-0"



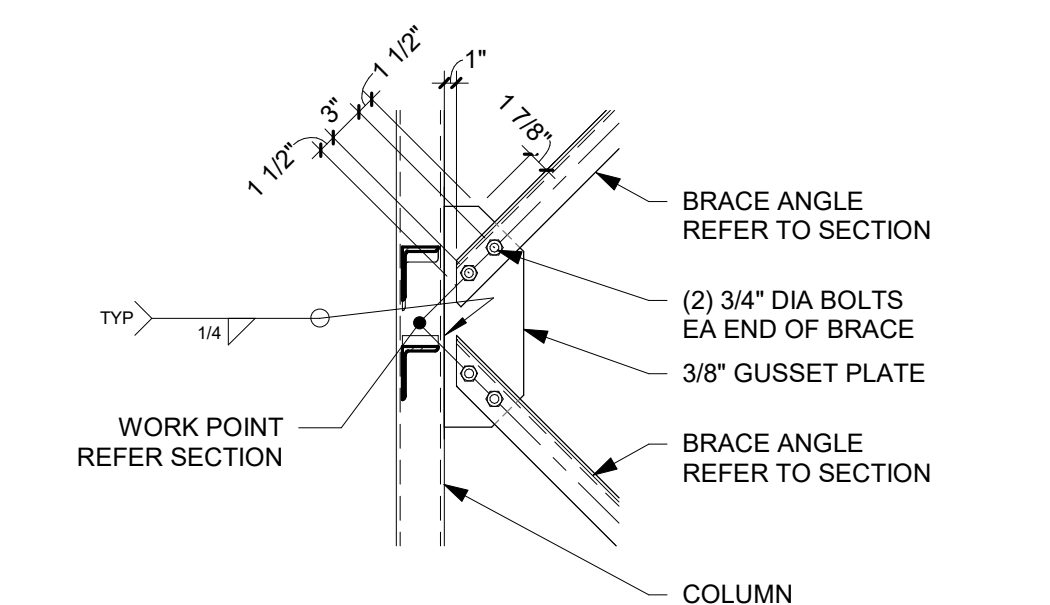
18 CHANNEL TO CHANNEL CONN @ PERIMETER CHANNEL
3/4" = 1'-0"



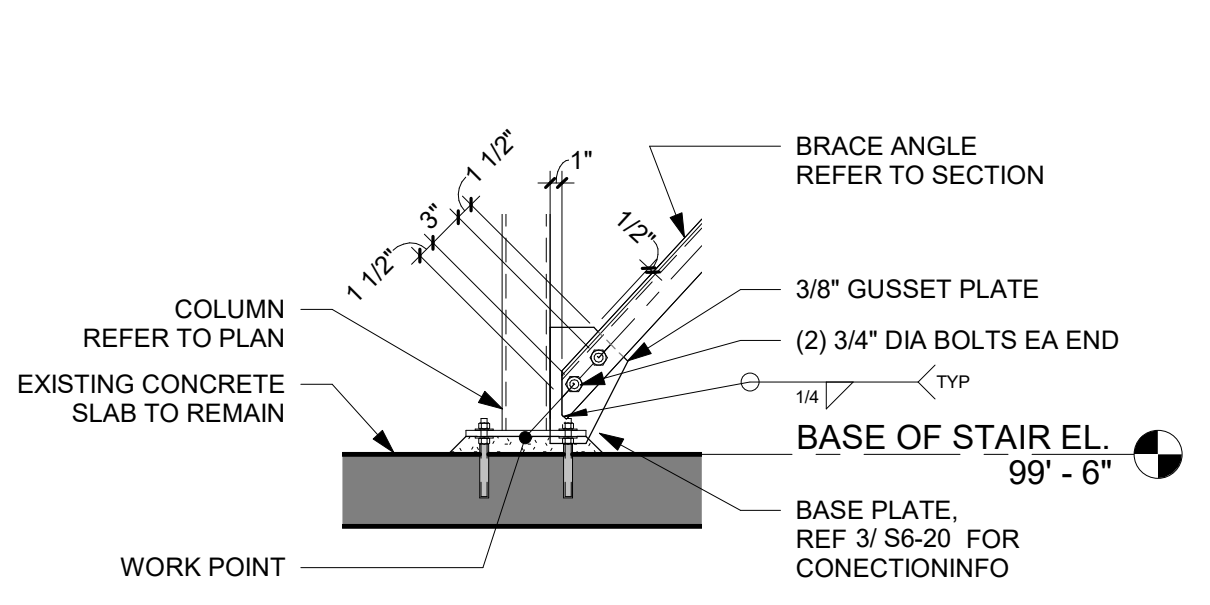
19 HAUNCH CONNECTION
3/4" = 1'-0"



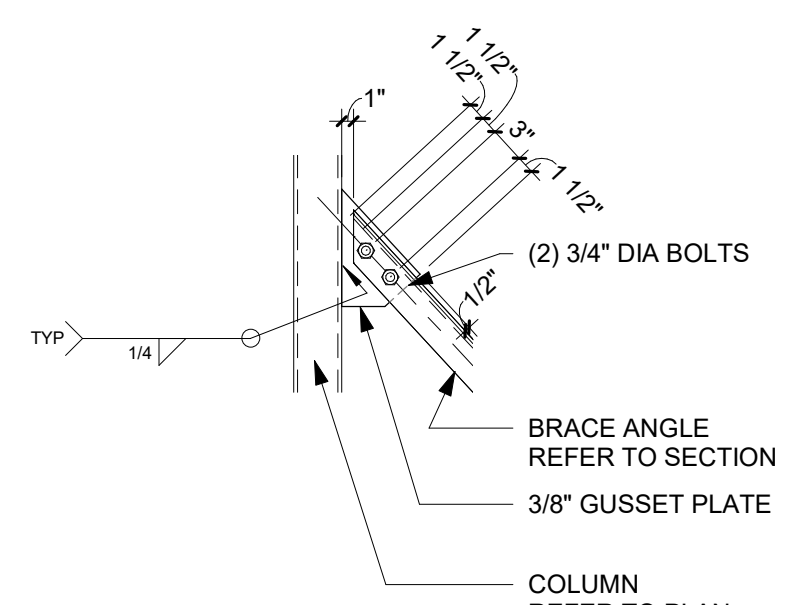
20 HANGER BEAM TO STAIR CONN
3/4" = 1'-0"



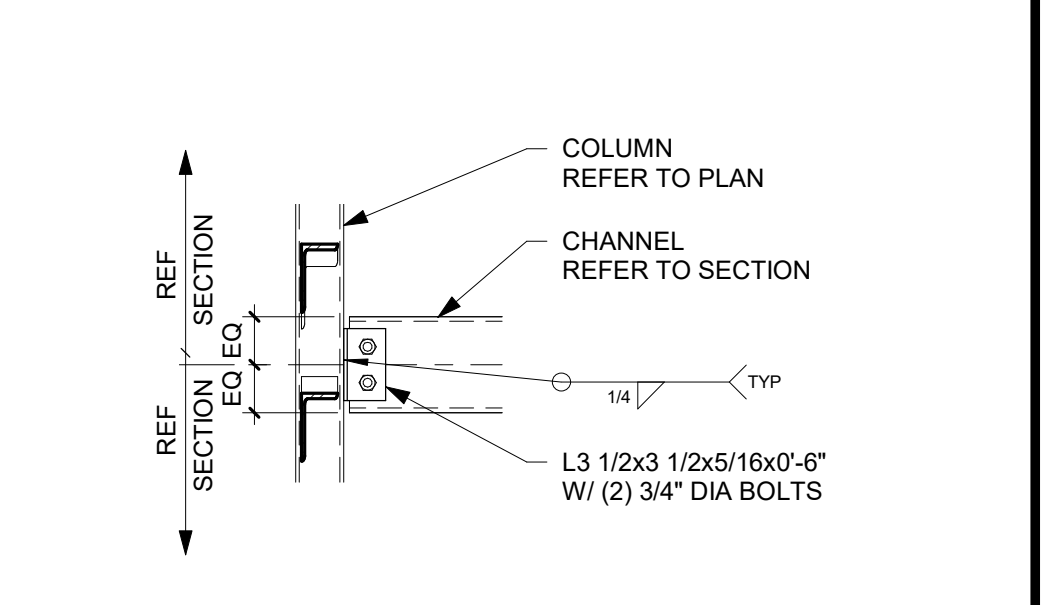
21 TYP VERTICAL BRACE CONNECTION
3/4" = 1'-0"



22 BRACE ANGLE @ BASE OF COLUMN
3/4" = 1'-0"



23 BRACE CONN TOP
3/4" = 1'-0"



24 CHANNEL TO COLUMN
3/4" = 1'-0"

REFERENCE SCALE
1" = 1'-0"
1/4" = 1'-0"
1/8" = 1'-0"

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PROJECT
CARGILL
ROOF EQUIPMENT ACCESS

WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO. 23-29390
FILE NAME 29390 ARCH R22
DRAWN BY KK
DESIGNED BY MCZ
REVIEWED BY JEH
ORIGINAL ISSUE DATE 10/09/2023

CLIENT PROJECT NO.

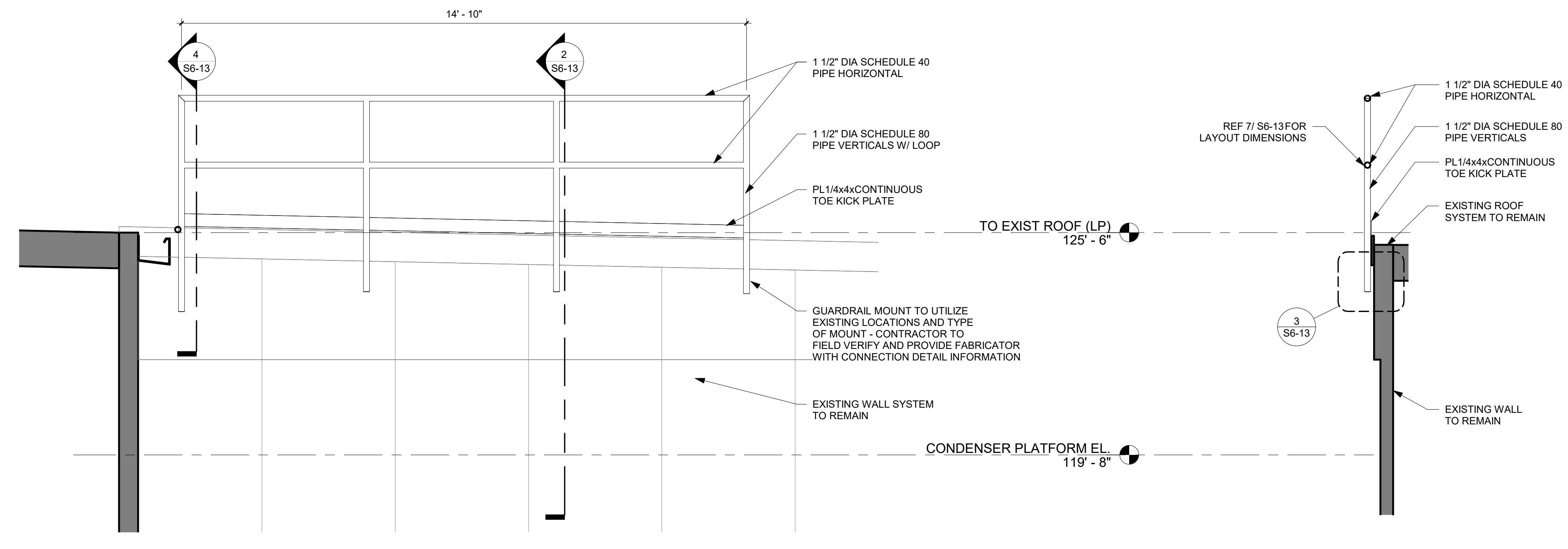
TITLE

FRAMING DETAILS



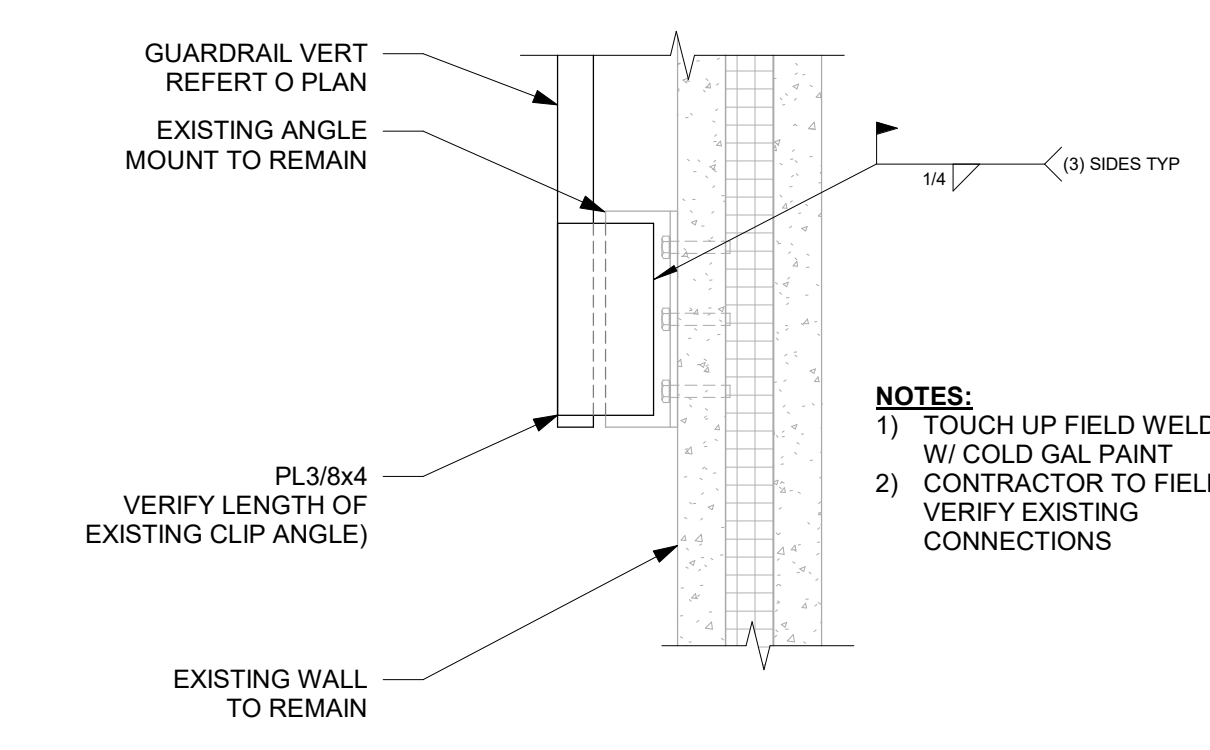
SHEET NOTES

1. CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO FABRICATION.
2. ALL NEW STEEL FRAMING AND CONNECTIONS TO BE HOT DIPPED GALVANIZED, TYP.
3. TOUCH UP ALL FIELD WELDS WITH COLD GAL PAINT.

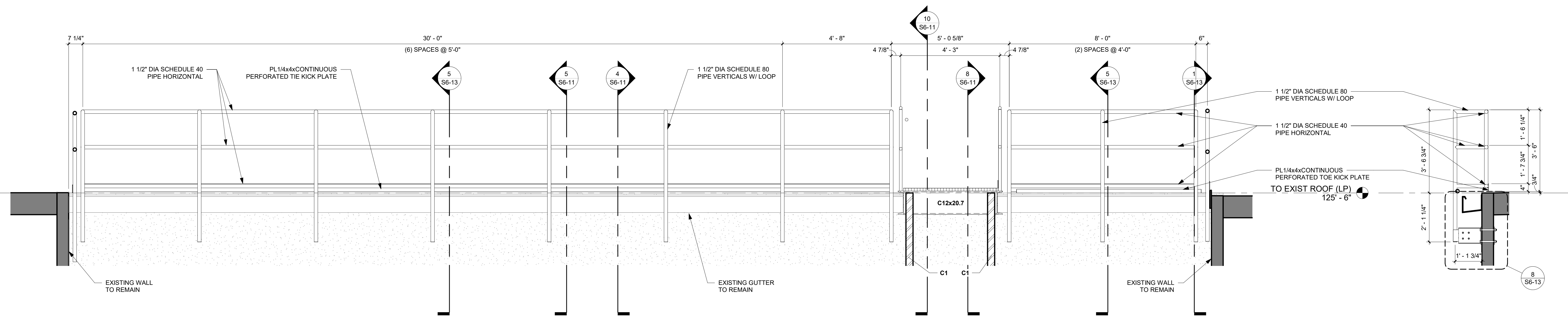


1 EAST ROOF GUARDRAIL ELEVATION
1/2" = 1'-0"

2 EAST ROOF GUARDRAIL SECTION
1/2" = 1'-0"

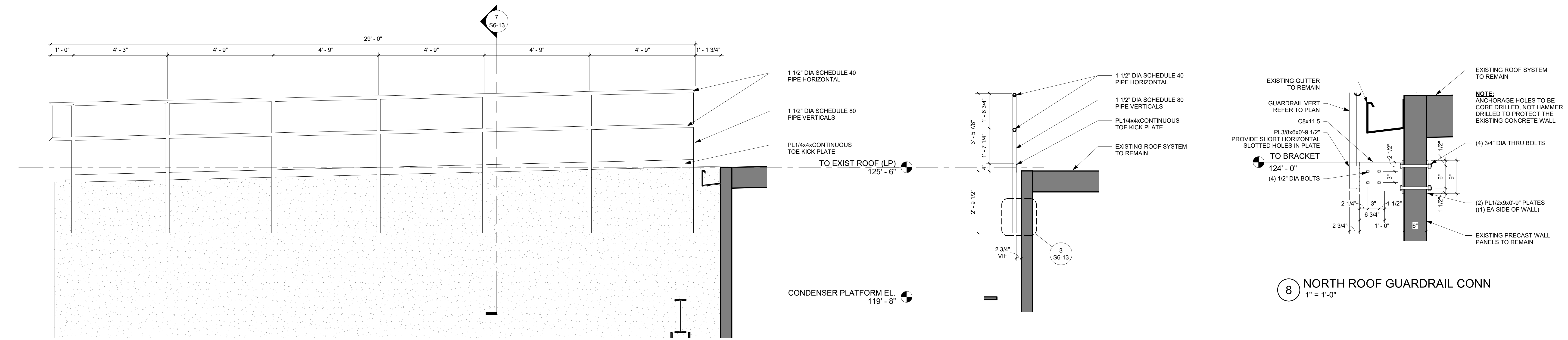


3 GUARDRAIL CONN @ EXIST
1 1/2" = 1'-0"



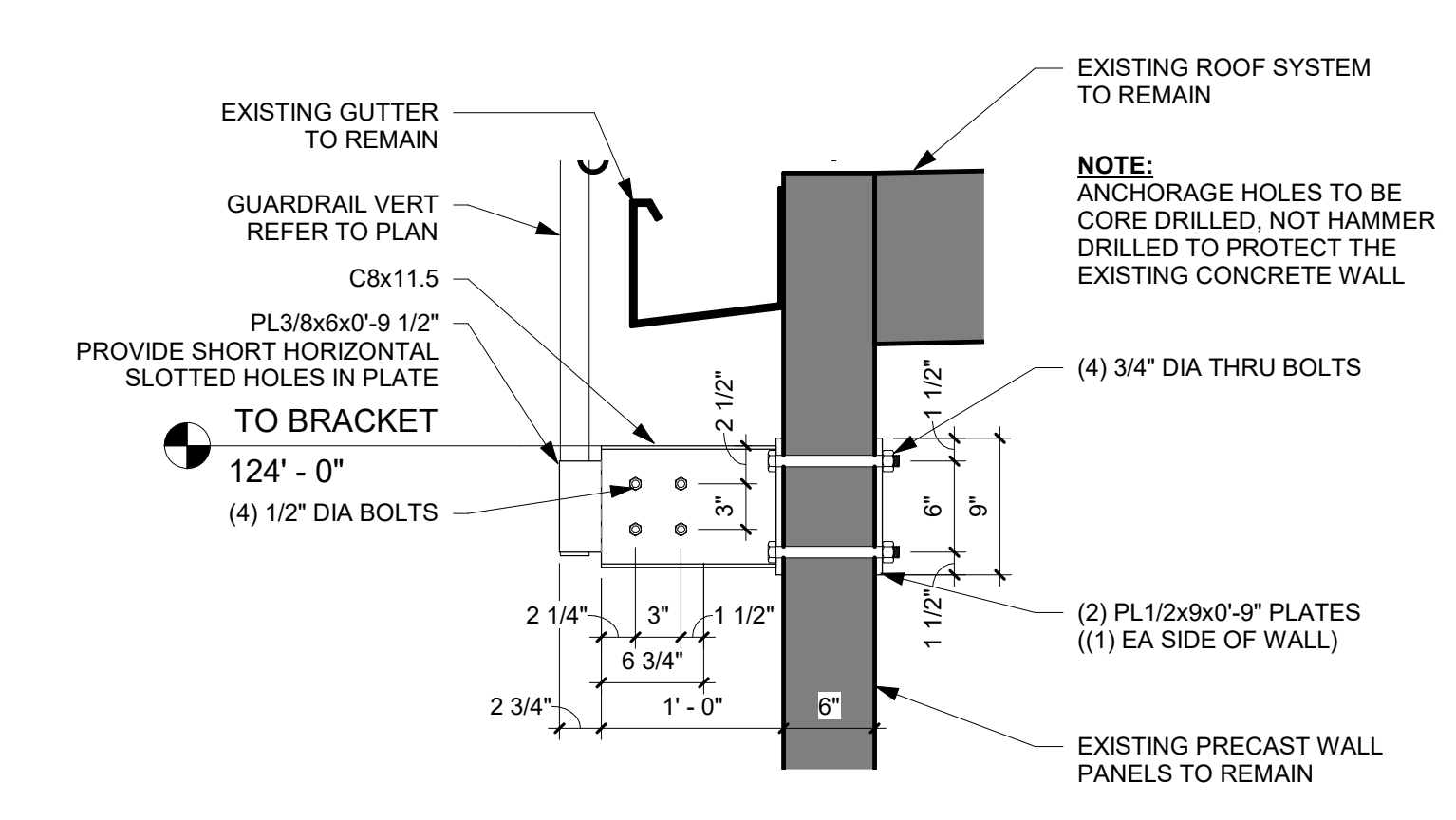
4 NORTH ROOF GUARDRAIL ELEVATION
1/2" = 1'-0"

5 NORTH ROOF GUARDRAIL SECTION
1/2" = 1'-0"



6 WEST ROOF GUARDRAIL ELEVATION
1/2" = 1'-0"

7 WEST ROOF GUARDRAIL SECTION
1/2" = 1'-0"



8 NORTH ROOF GUARDRAIL CONN
1" = 1'-0"

REFERENCE SCALE
1" = 1'-0"
0 1/4" 1/2" 1" 2"

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PROJECT

**CARGILL
ROOF EQUIPMENT
ACCESS**

WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

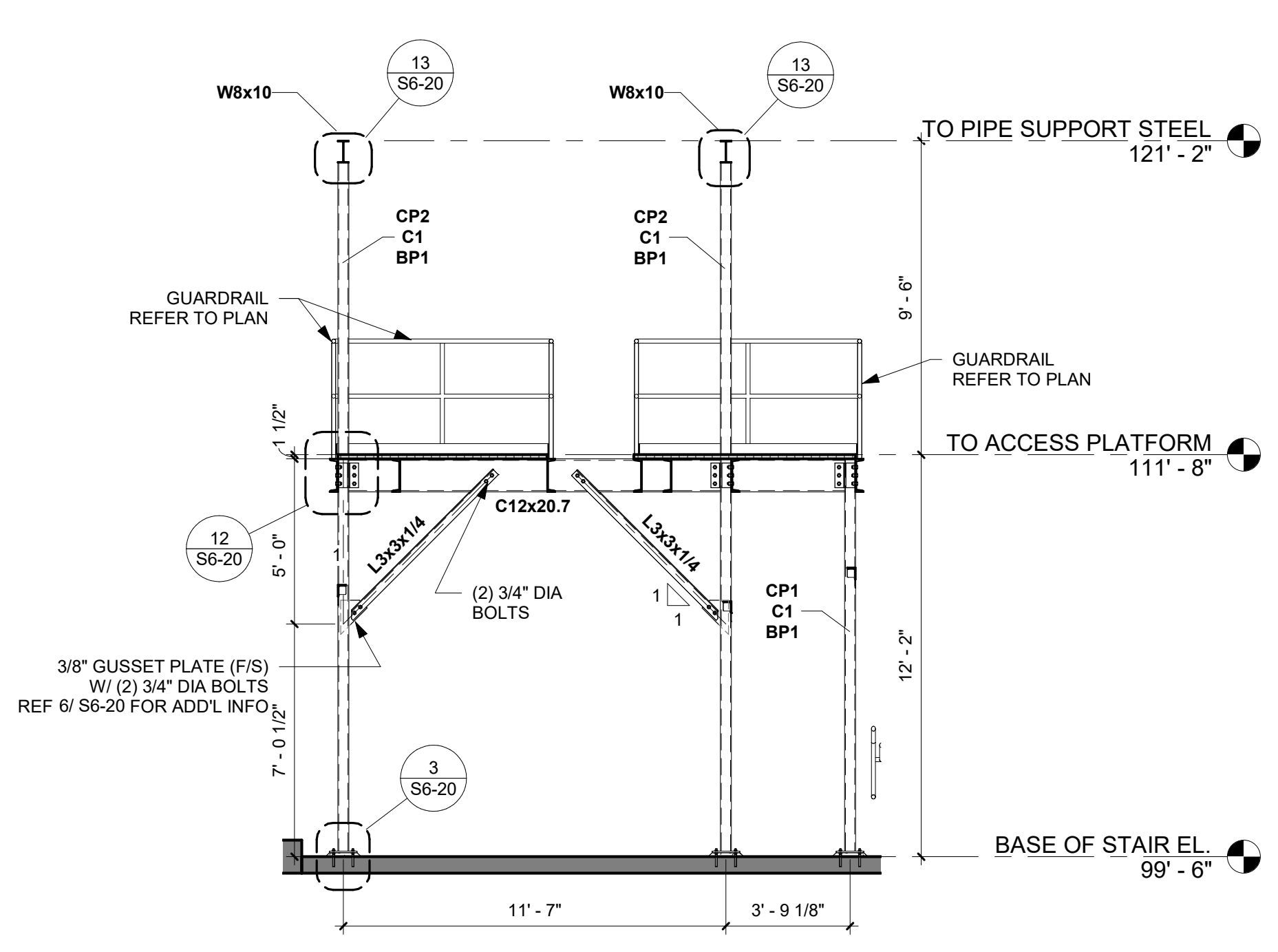
PROJECT NO. 23-29390
 FILE NAME 29390 ARCH R22
 DRAWN BY KK
 DESIGNED BY MCZ
 REVIEWED BY JEH
 ORIGINAL ISSUE DATE 10/09/2023
 CLIENT PROJECT NO.

TITLE

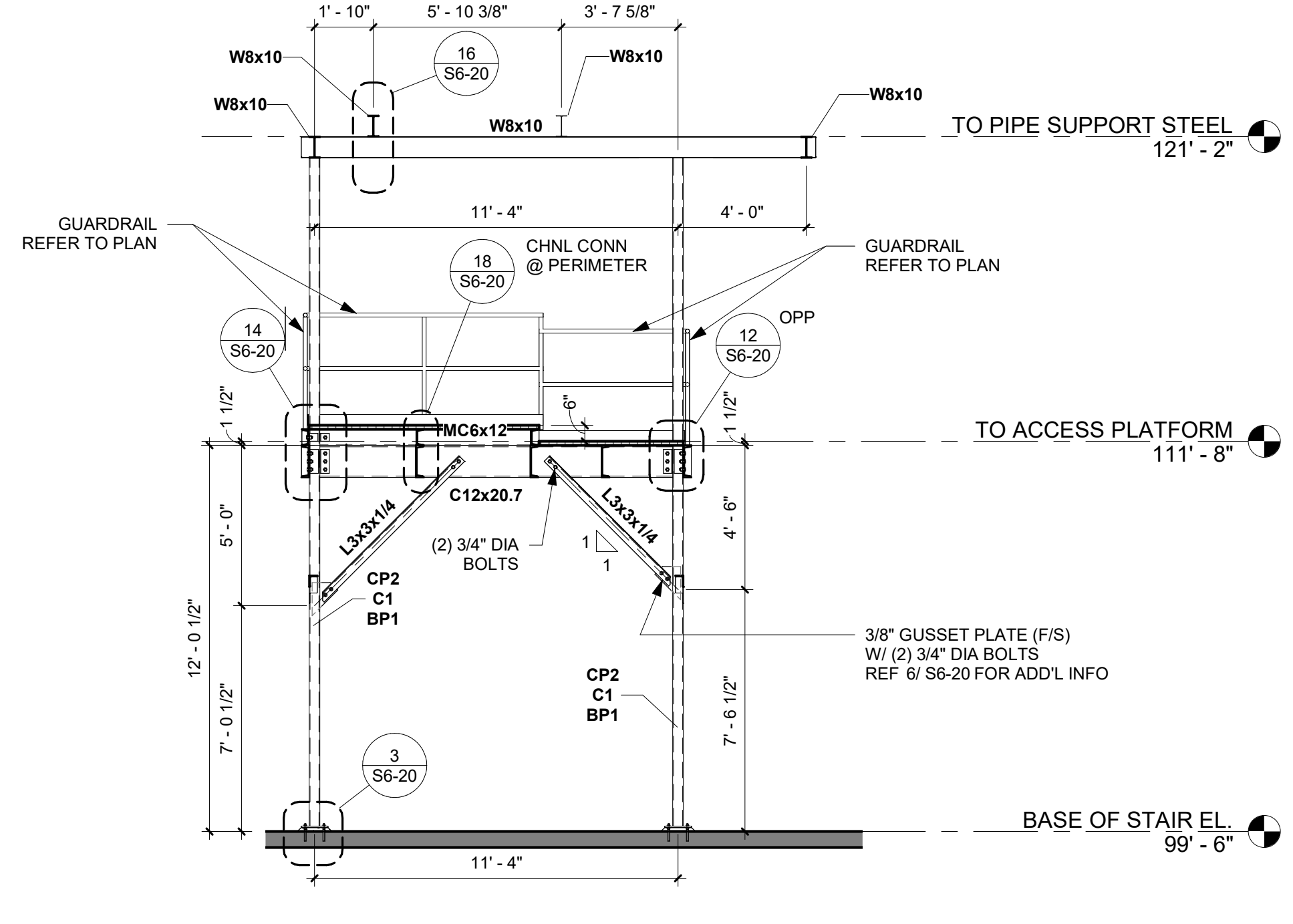
**GUARDRAIL
ELEVATIONS**

SHEET

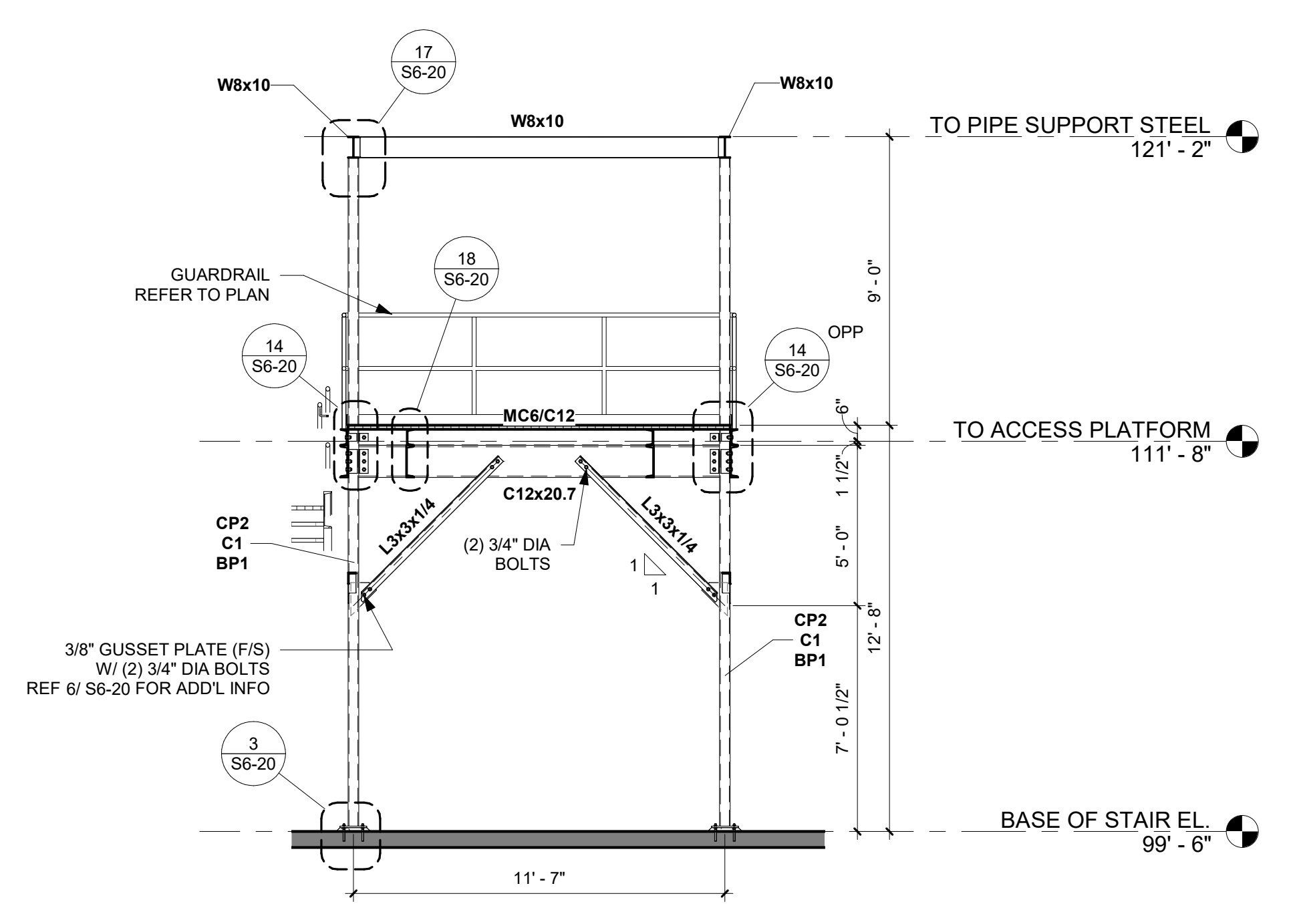
S6-13



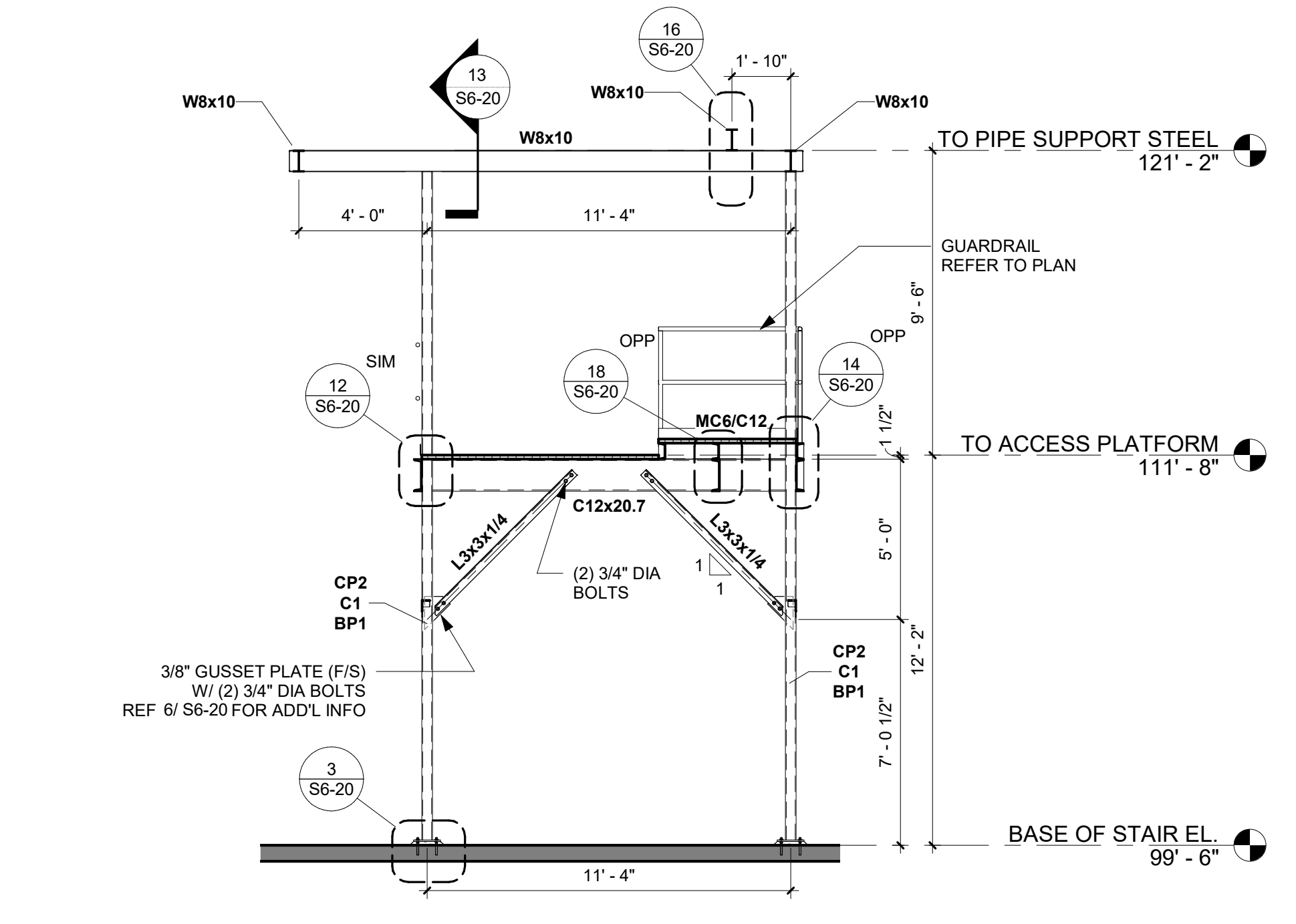
1 PLATFORM FRAMING ELEVATION - EAST
1/4" = 1'-0"



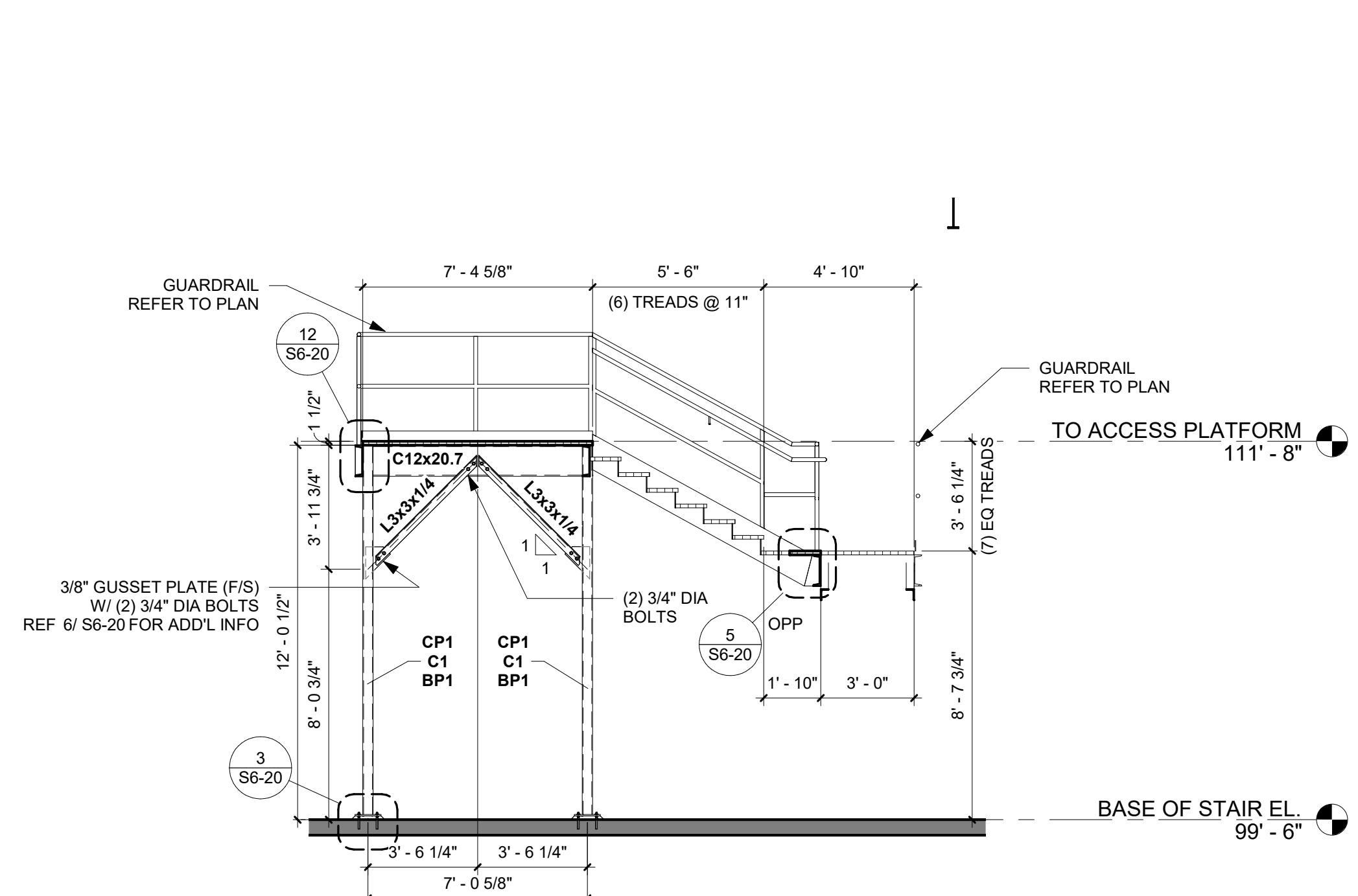
2 PLATFORM FRAMING ELEVATION - NORTH
1/4" = 1'-0"



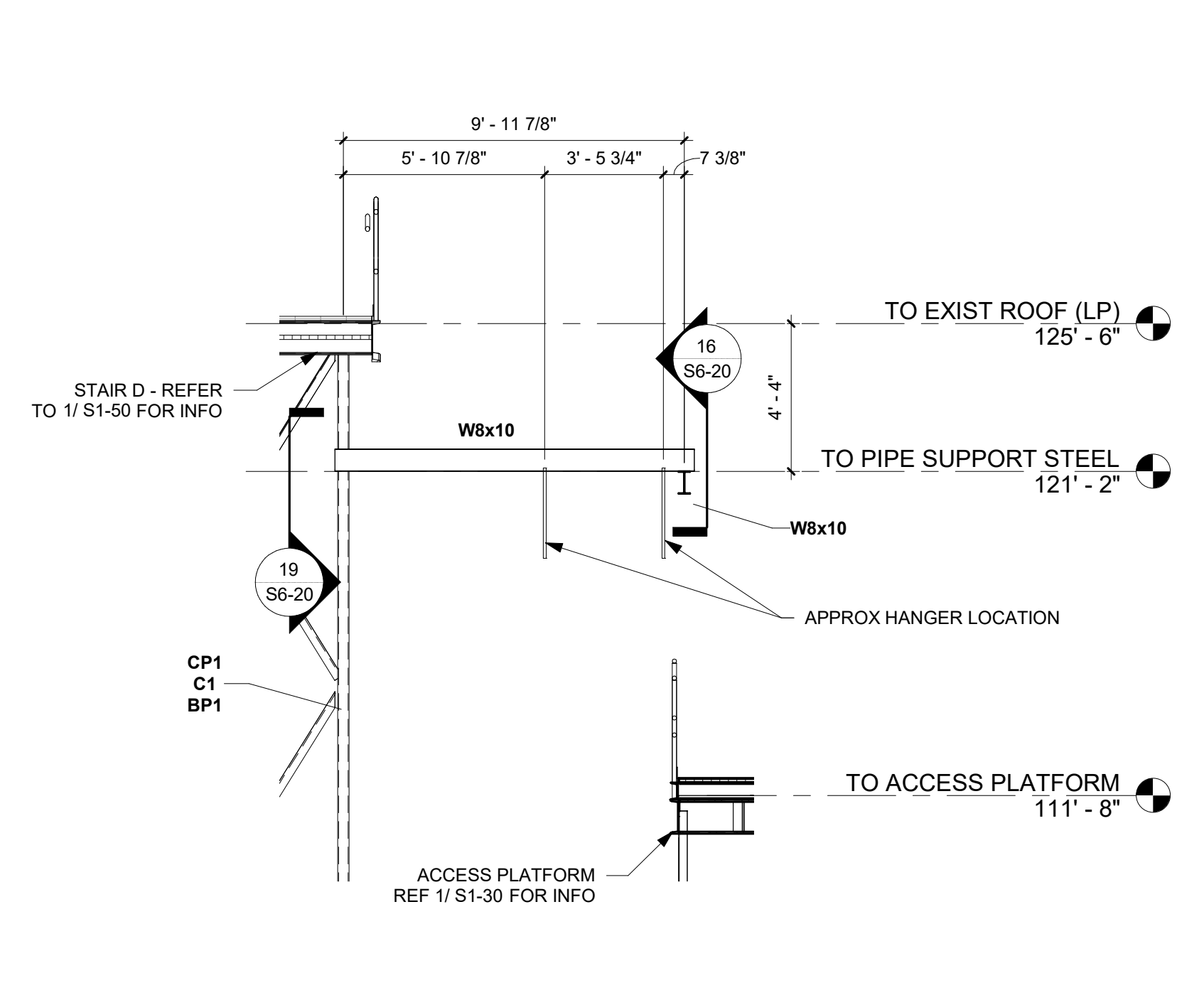
3 PLATFORM FRAMING ELEVATION - WEST
1/4" = 1'-0"



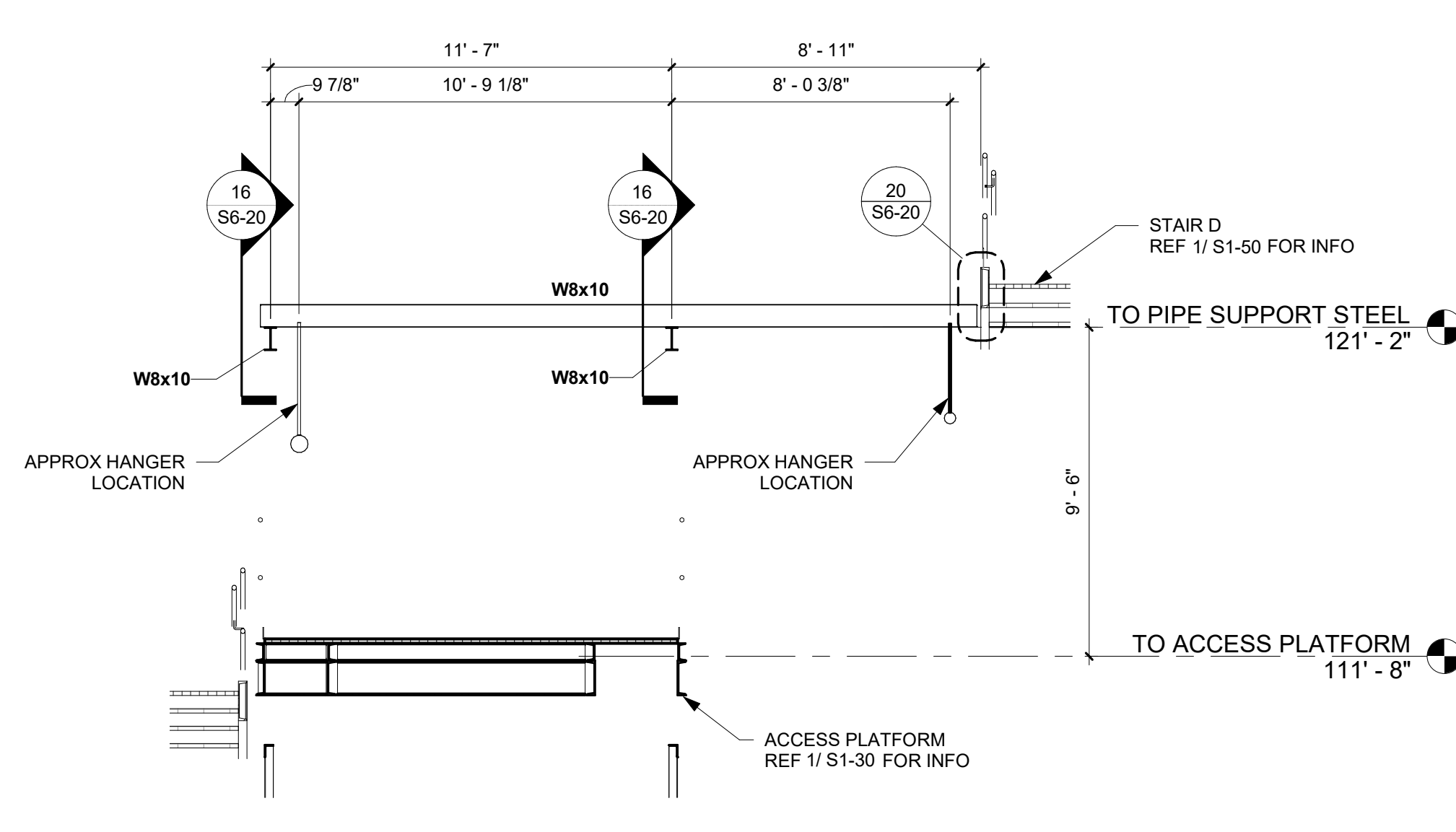
4 PLATFORM FRAMING ELEVATION - SOUTH
1/4" = 1'-0"



5 PLATFORM FRAMING ELEVATION @ STAIR - SOUTH
1/4" = 1'-0"



6 PIPE SUPPORT BEAM - EAST
1/4" = 1'-0"



7 EXISTING BEAM SECTION - WEST
1/4" = 1'-0"

SHEET NOTES

- CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO FABRICATION.
- ALL NEW STEEL FRAMING AND CONNECTIONS TO BE HOT DIP GALVANIZED, TYP.
- TOUCH UP ALL FIELD WELDS WITH COLD GAL PAINT.
- OPTION FOR FABRICATOR TO SHOP WELD BRACING TO COLUMNS. COORDINATE PIECE SIZES WITH CONTRACTOR AND GALVANIZING COMPANY.



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PROJECT

**CARGILL
ROOF EQUIPMENT
ACCESS**

WEST COLUMBIA SOUTH CAROLINA

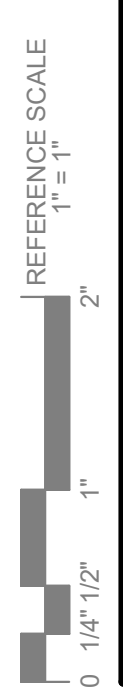
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	23-29390
FILE NAME	29390 ARCH R22
DRAWN BY	KK
DESIGNED BY	MCZ
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	10/09/2023
CLIENT PROJECT NO.	

TITLE

**VERTICAL
CIRCULATION
FRAMING
SECTIONS**

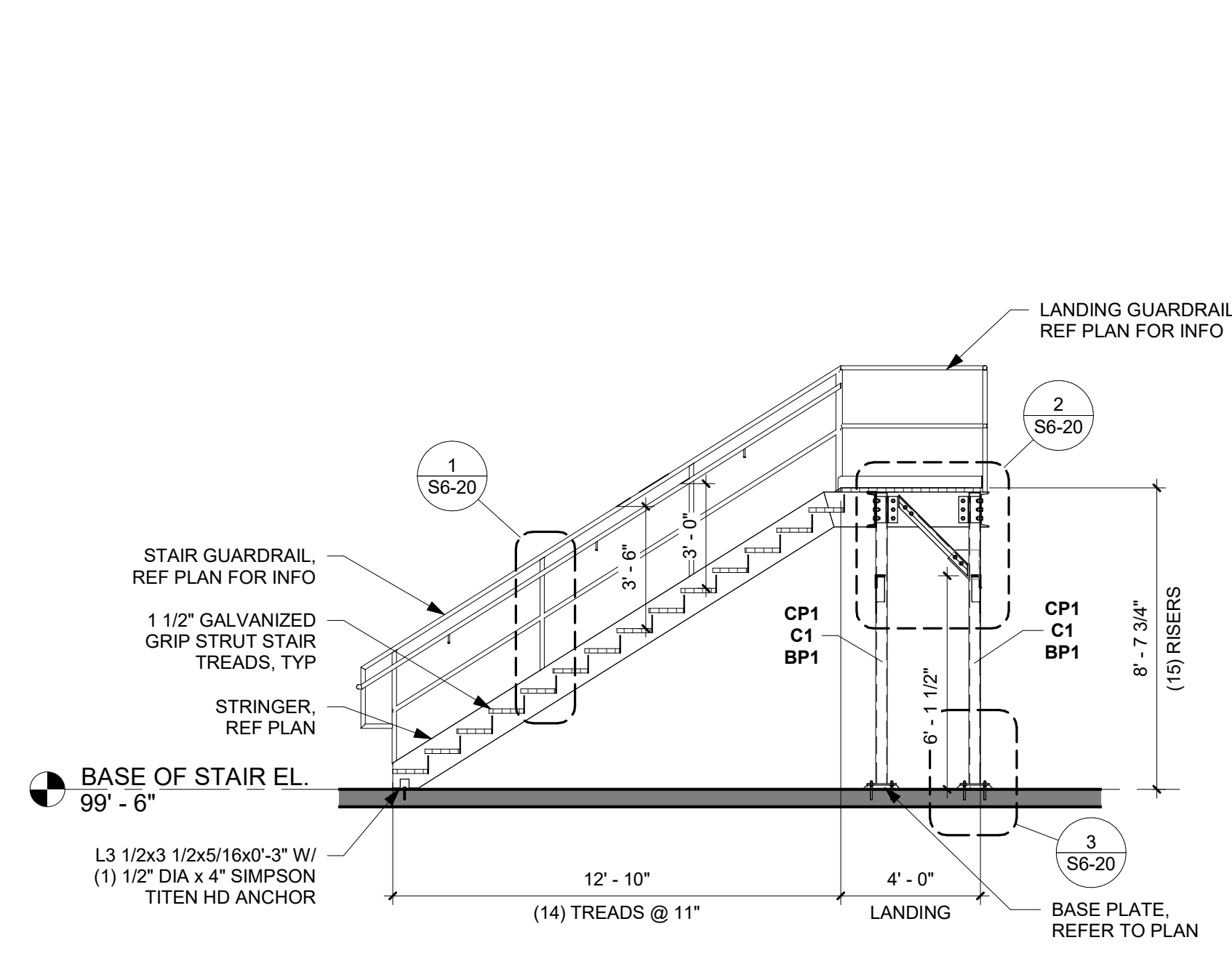
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S6-12



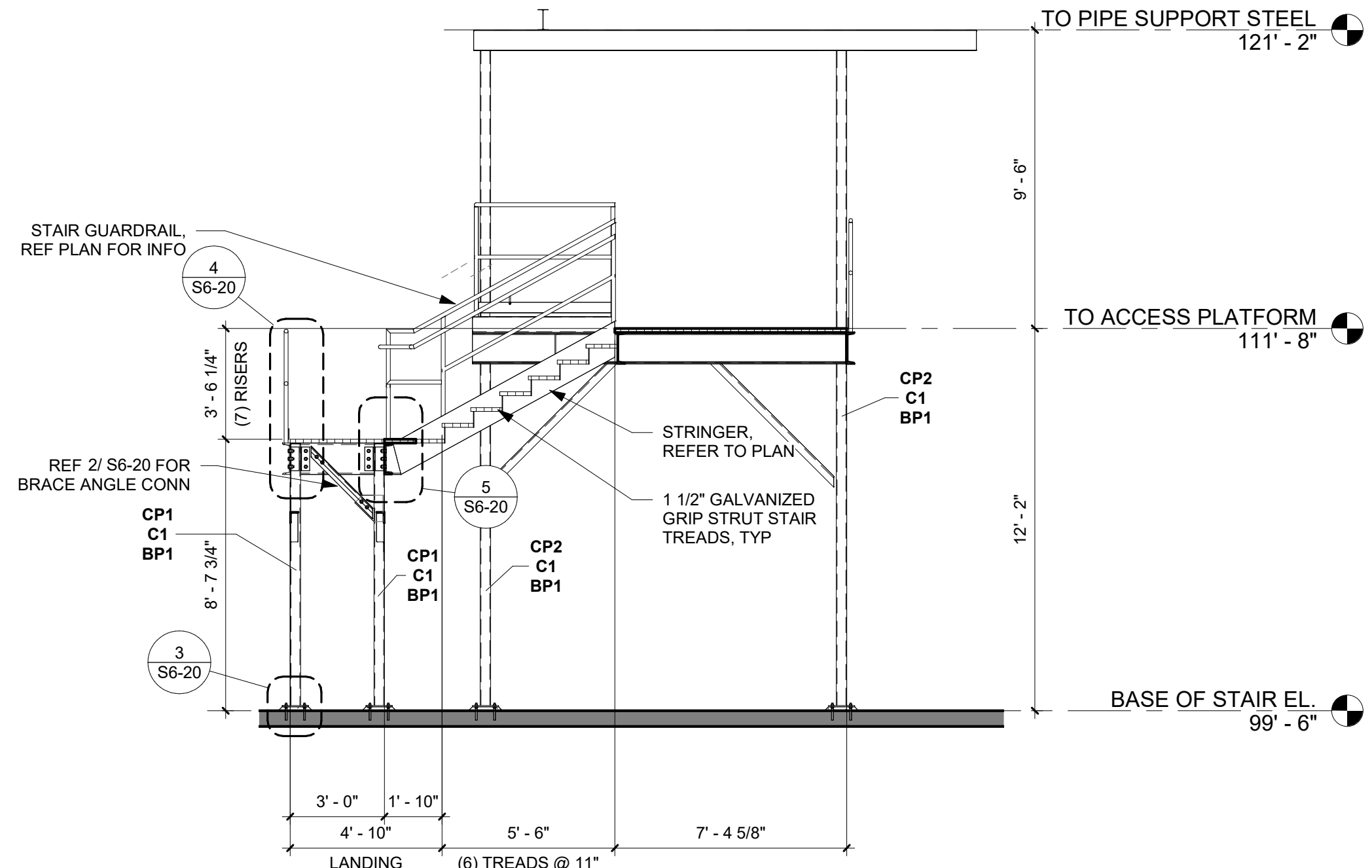


SHEET NOTES

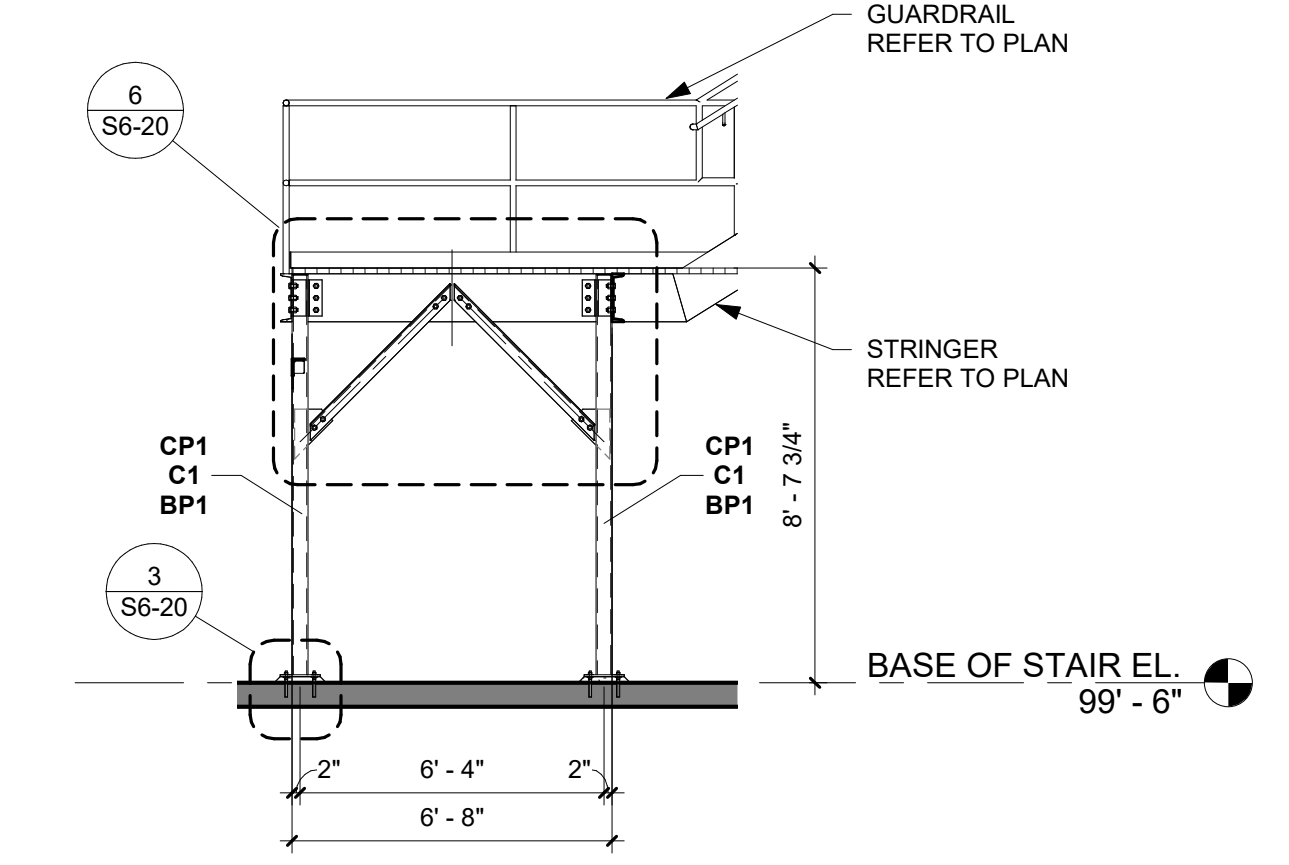
1. CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO FABRICATION.
2. ALL NEW STEEL FRAMING AND CONNECTIONS TO BE HOT DIPPED GALVANIZED, TYP.
3. TOUCH UP ALL FIELD WELDS WITH COLD GAL PAINT.
4. OPTION FOR FABRICATOR TO SHOP WELD BRACING TO COLUMNS. COORDINATE PIECE SIZES WITH CONTRACTOR AND GALVANIZING COMPANY.



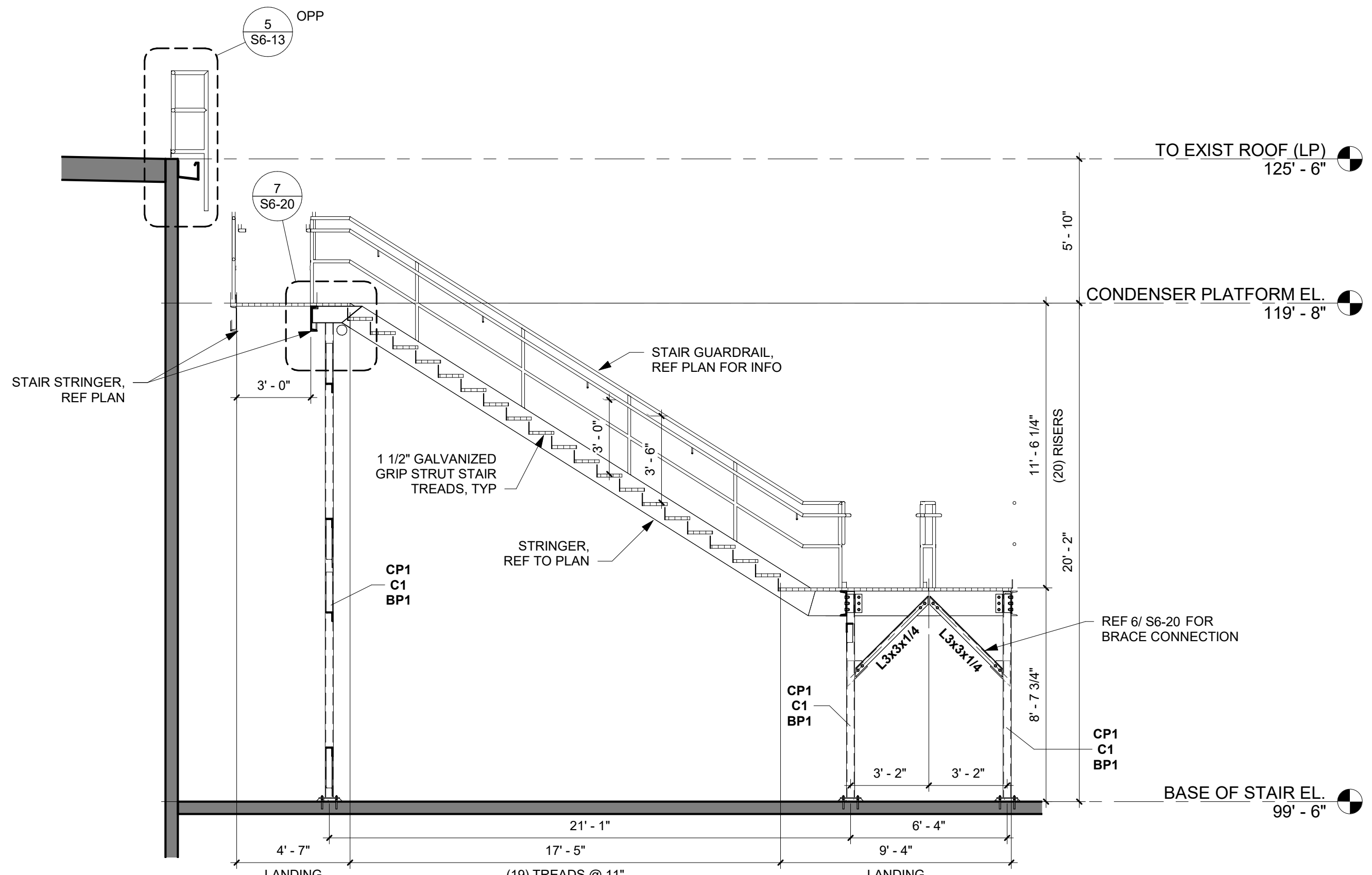
1 STAIR A SECTION - SOUTH
1/4" = 1'-0"



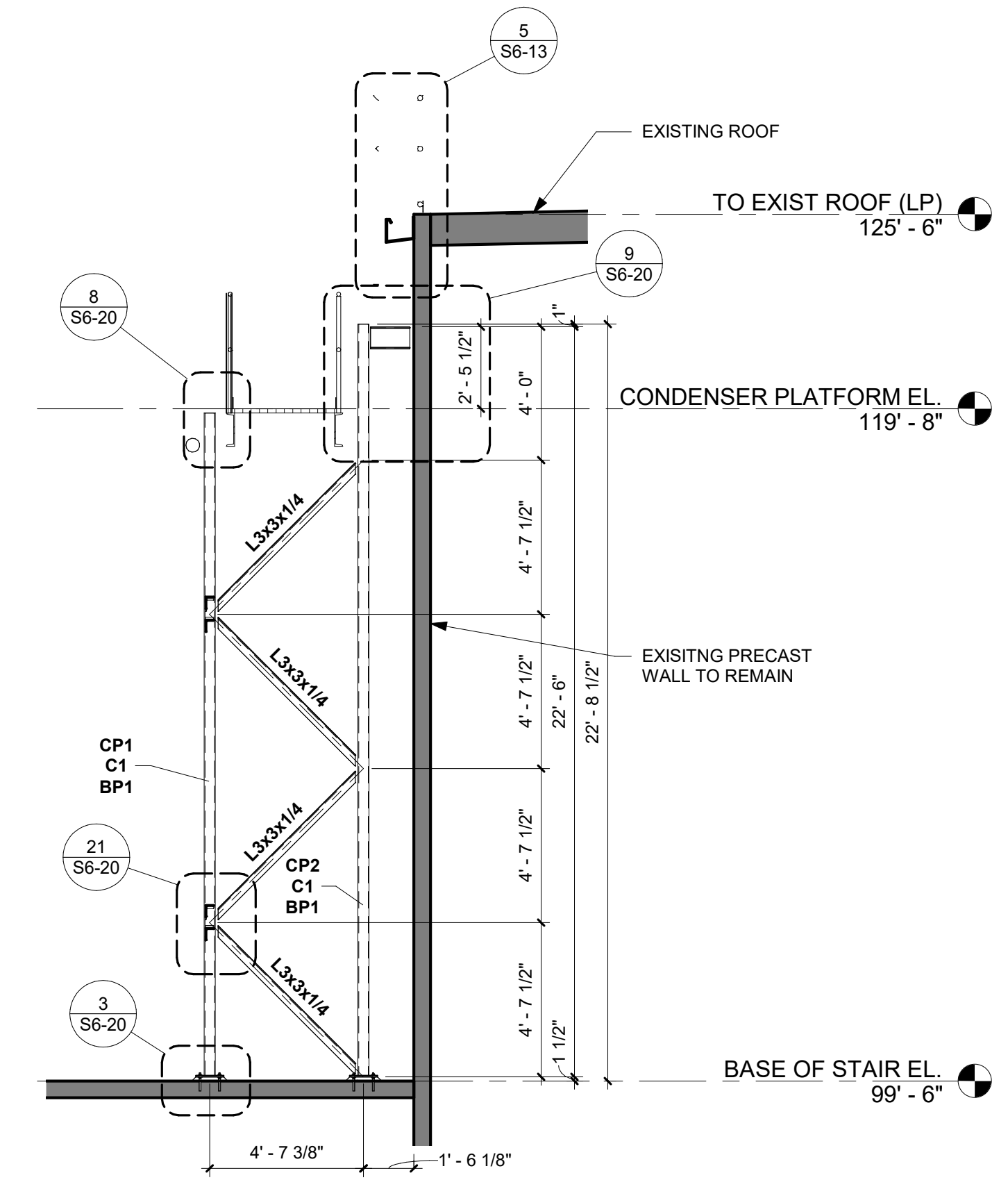
2 STAIR B SECTION - NORTH
1/4" = 1'-0"



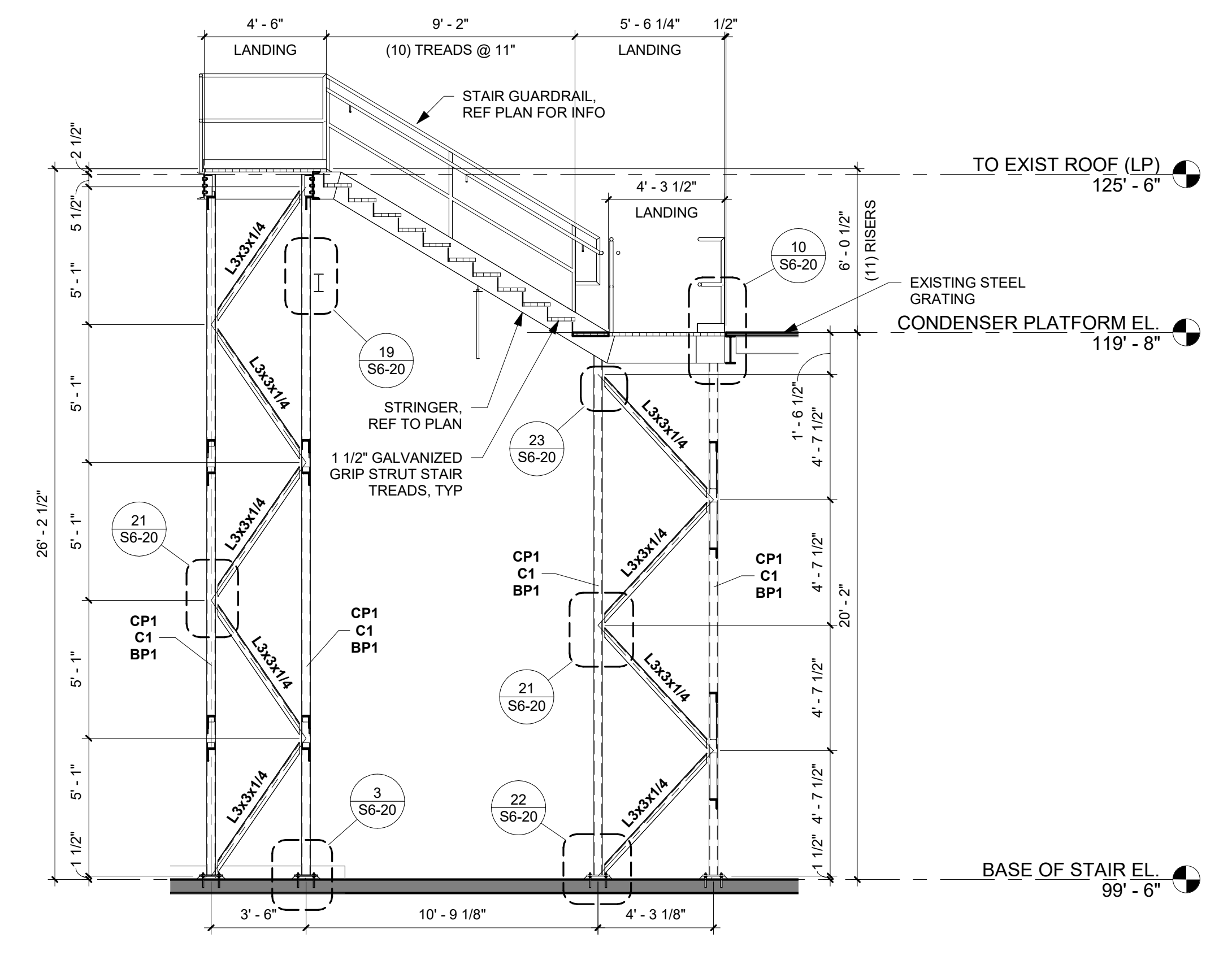
3 STAIR C SECTION - WEST
1/4" = 1'-0"



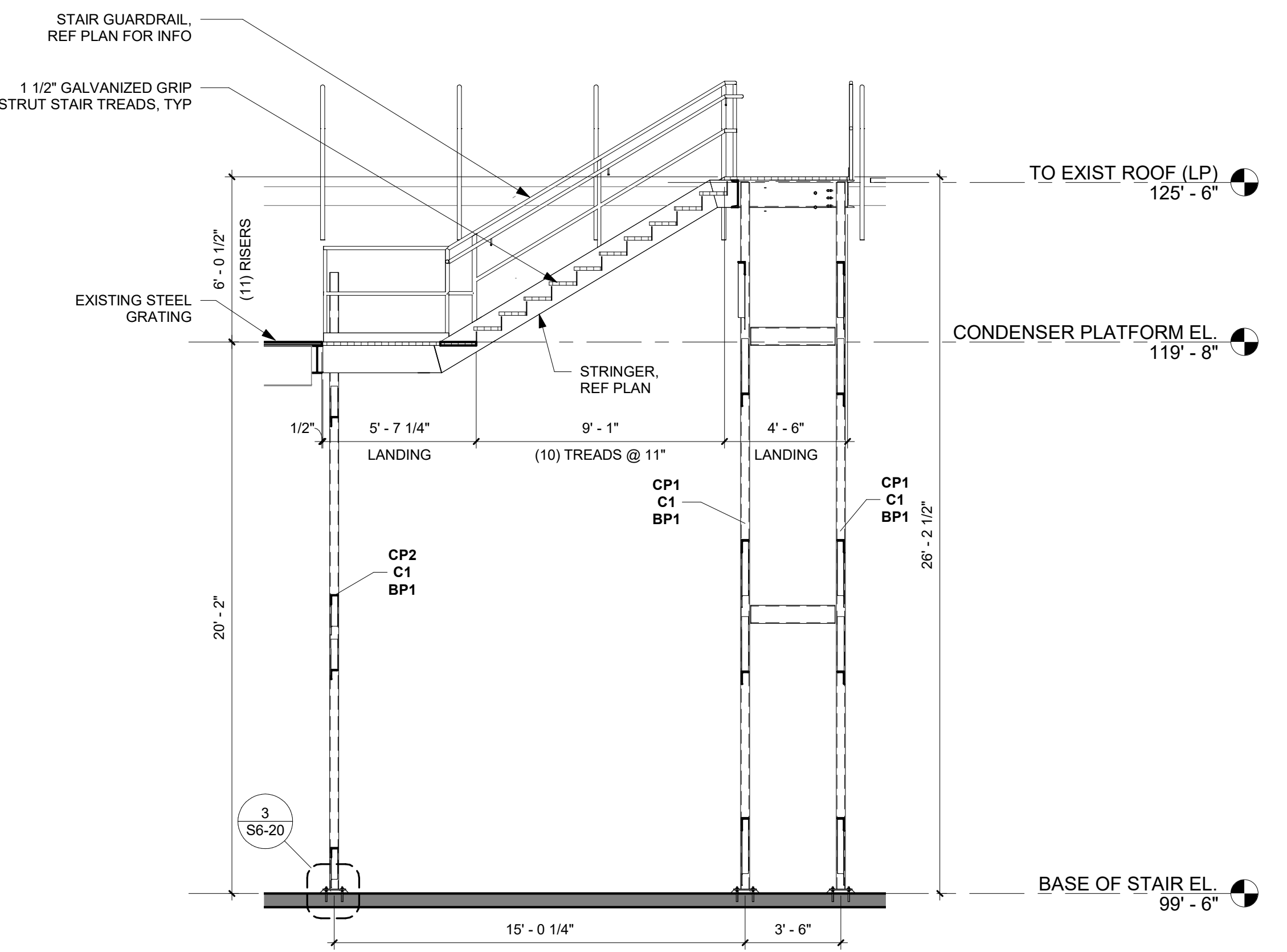
4 STAIR C SECTION - EAST
1/4" = 1'-0"



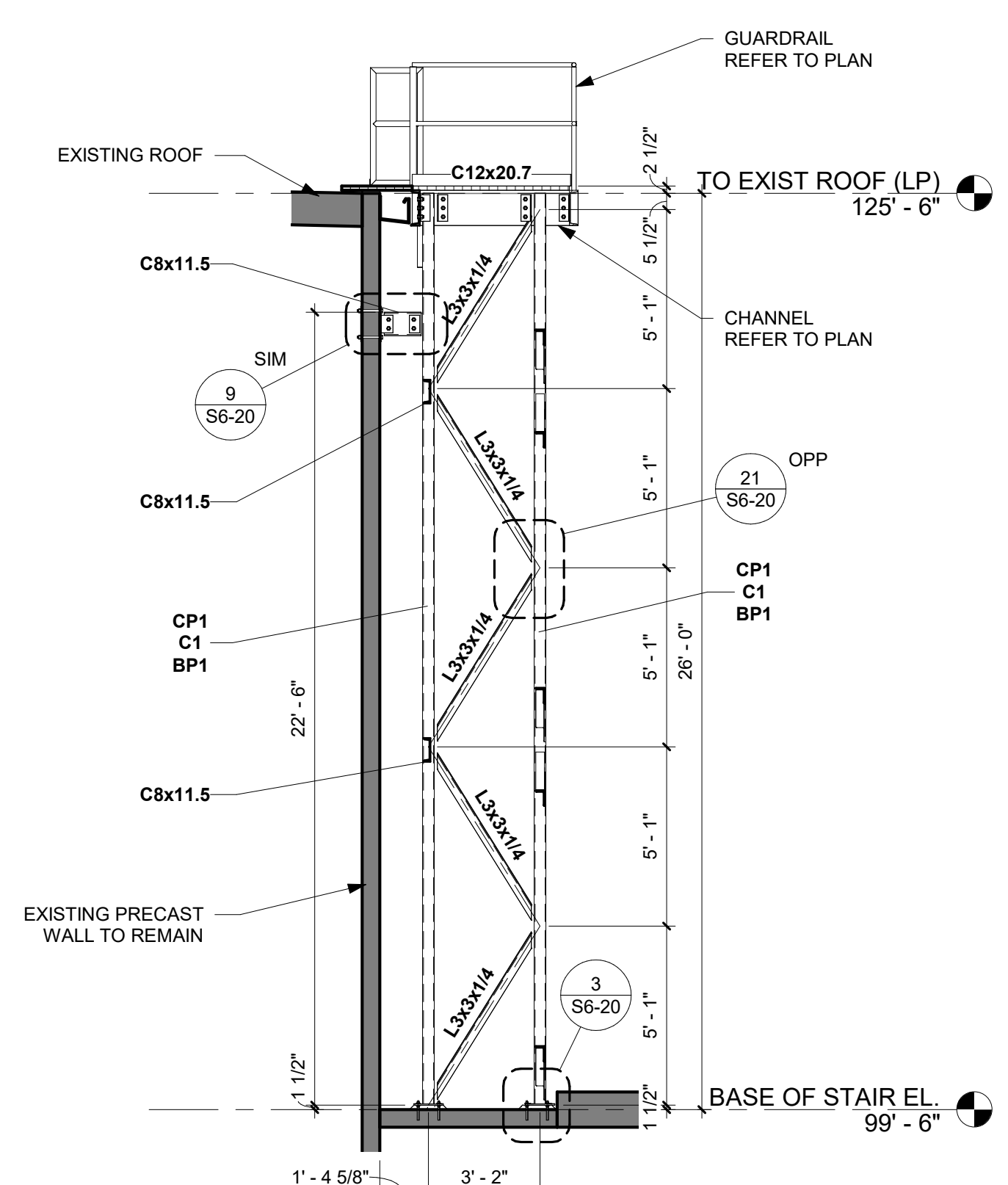
5 STAIR C LANDING SECTION - WEST
1/4" = 1'-0"



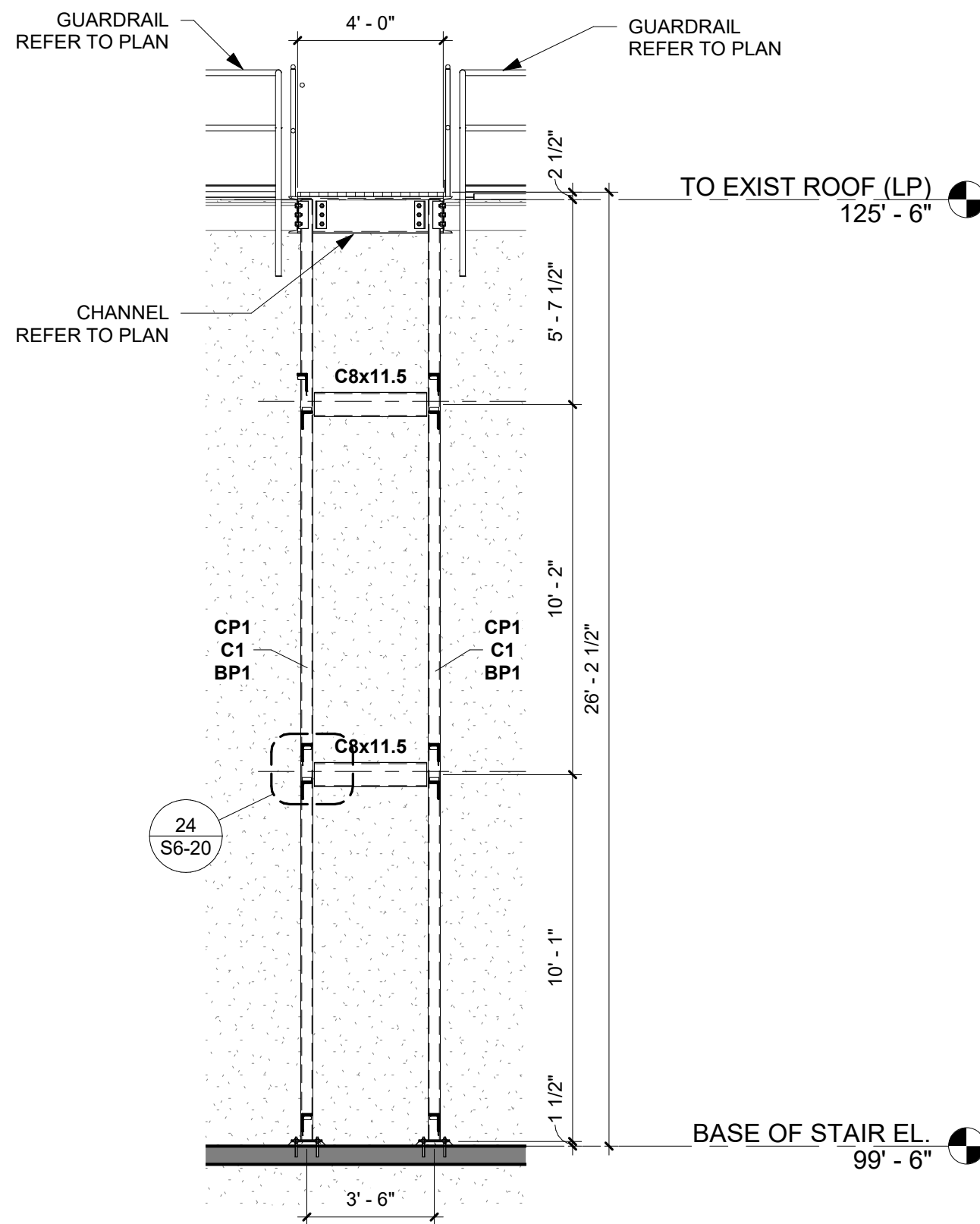
6 STAIR D SECTION - SOUTH
1/4" = 1'-0"



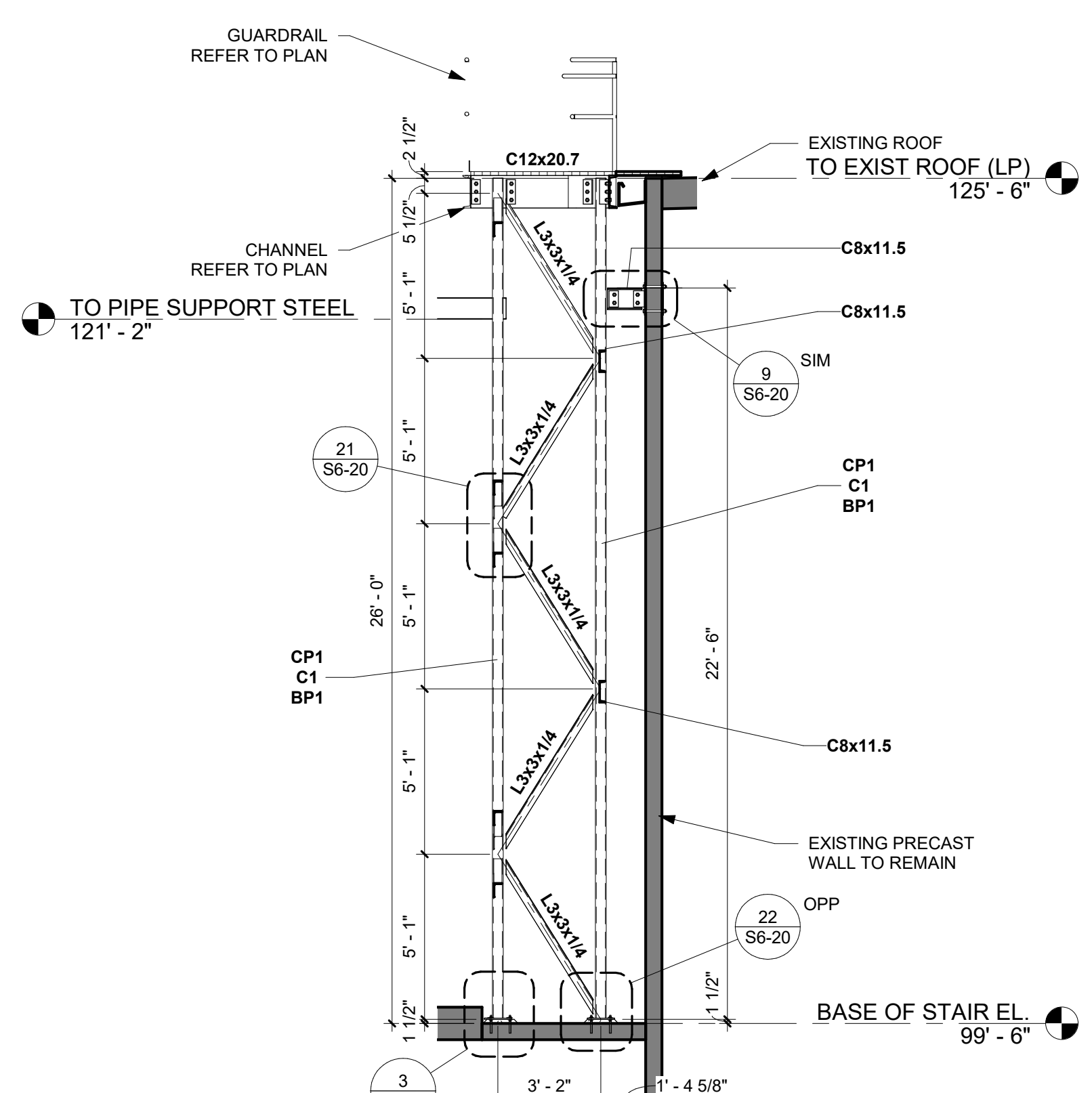
7 STAIR D SECTION - NORTH
1/4" = 1'-0"



8 STAIR SECTION D - EAST
1/4" = 1'-0"



9 PLATFORM SECTION - NORTH D
1/4" = 1'-0"



10 PLATFORM SECTION - WEST
1/4" = 1'-0"

REFERENCE SCALE
1" = 1'-0"
0 1/4" 1/2" 1" 2"

10/9/2023 1:45:03 PM

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PROJECT

**CARGILL
ROOF EQUIPMENT
ACCESS**

WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

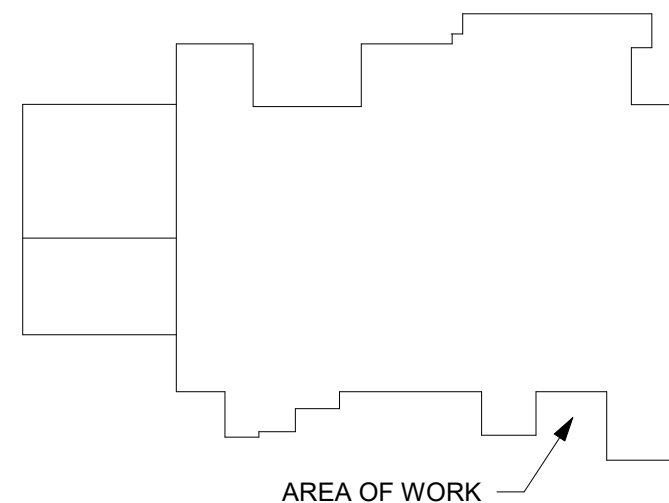
PROJECT NO.	23-29390
FILE NAME	29390 ARCH R22
DRAWN BY	KK
DESIGNED BY	MCZ
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	10/09/2023
CLIENT PROJECT NO.	

TITLE

**VERTICAL
CIRCULATION
FRAMING
SECTIONS**

SHEET

S6-11



KEYPLAN

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PROJECT

**CARGILL
ROOF EQUIPMENT
ACCESS**

WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	23-29390
FILE NAME	29390 ARCH R22
DRAWN BY	KK
DESIGNED BY	MCZ
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	10/09/2023
CLIENT PROJECT NO.	

TITLE

**ROOF ACCESS
FRAMING PLAN**

SHEET

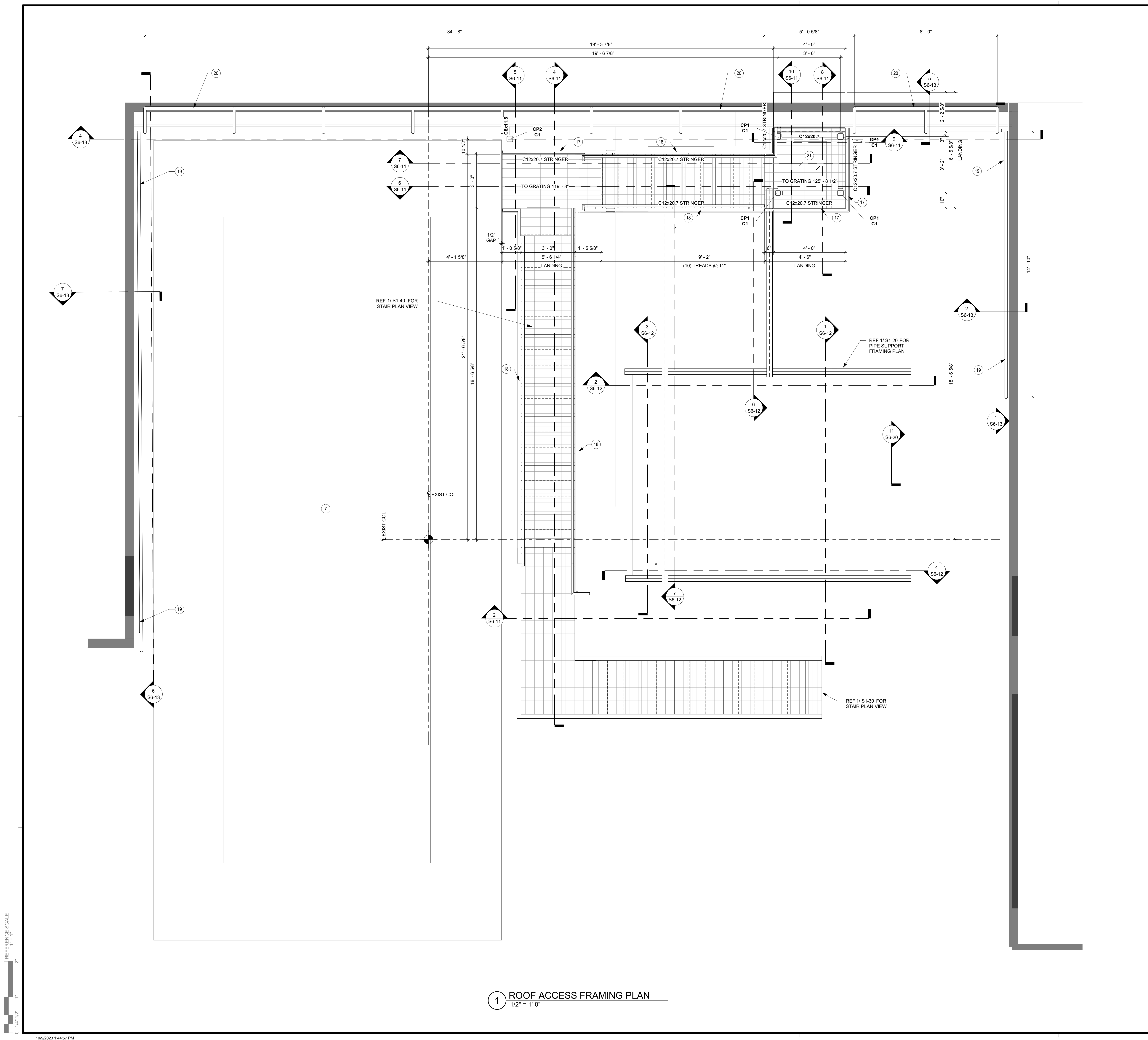
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SHEET NOTES

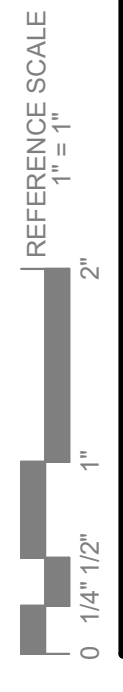
- CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO FABRICATION.
- ALL NEW STEEL FRAMING AND CONNECTIONS TO BE HOT DIPPED GALVANIZED. TYP.
- TOUCH UP ALL FIELD WELDS WITH COLD GAL PAINT.
- MC6/C12 - INDICATES MC6x12 CHANNEL WELDED TO TOP OF C12x20.7 CHANNEL. REFER TO DETAILS FOR CONNECTION.

KEYNOTE LEGEND

- | | |
|----|---|
| 7 | EXISTING CONDENSOR TO REMAIN |
| 17 | GUARDRAILS: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC), 1 1/2" DIA SCHEDULE 40 HORIZONTALS ((1) 42" ABOVE WALKING SURFACE AND (1) 21" ABOVE WALKING SURFACE). PL 1/2x4xCONTINUOUS TOE KICK PLATE. REFER TO SECTION DETAIL. |
| 18 | STAIR GUARDRAILS: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC), 1 1/2" DIA SCHEDULE 40 HORIZONTALS ((1) 42" ABOVE TREAD NOSE AND (1) 21" ABOVE TREAD NOSE). STAIR HANDRAIL: 1 1/2" DIA SCHEDULE 40 @ 36" ABOVE NOSE OF TREAD. REFER TO CONNECTION DETAIL. |
| 19 | GUARDRAIL: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC), 1 1/2" DIA SCHEDULE 40 HORIZONTALS ((1) 42" ABOVE WALKING SURFACE AND (1) 21" ABOVE WALKING SURFACE). PL 1/2x4xCONTINUOUS TOE KICK PLATE. MATCH EXISTING MOUNT AT BUILDING WALL. CONTRACTOR TO FIELD VERIFY MOUNT ATTACHMENT AND PROVIDE INFORMATION TO ENGINEER OF RECORD PRIOR TO FABRICATION. REFER TO SECTION DETAIL. |
| 20 | GUARDRAIL: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC) WITH LOOP OVER EXISTING GUTTER. 1 1/2" DIA SCHEDULE 40 HORIZONTALS ((1) 42" ABOVE WALKING SURFACE AND (1) 21" ABOVE WALKING SURFACE AND (1) TO MOUNT TOE KICK). PL 1/4x4xCONTINUOUS PERFORATED TOE KICK PLATE. REFER TO SECTION DETAIL. |
| 21 | 1 1/2" x 3/16 BEARING BAR GRATING. PROVIDE ABRASIVE NOSE AT STAIR RUNS (REF PLAN). BAND ALL SIDES AS REQUIRED. REFER TO PLAN FOR DIRECTION OF INSTALL. |



1 ROOF ACCESS FRAMING PLAN
1/2" = 1'-0"



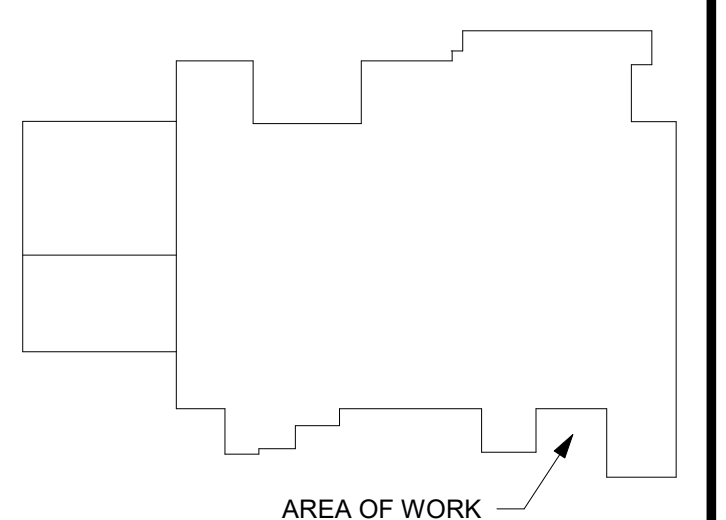
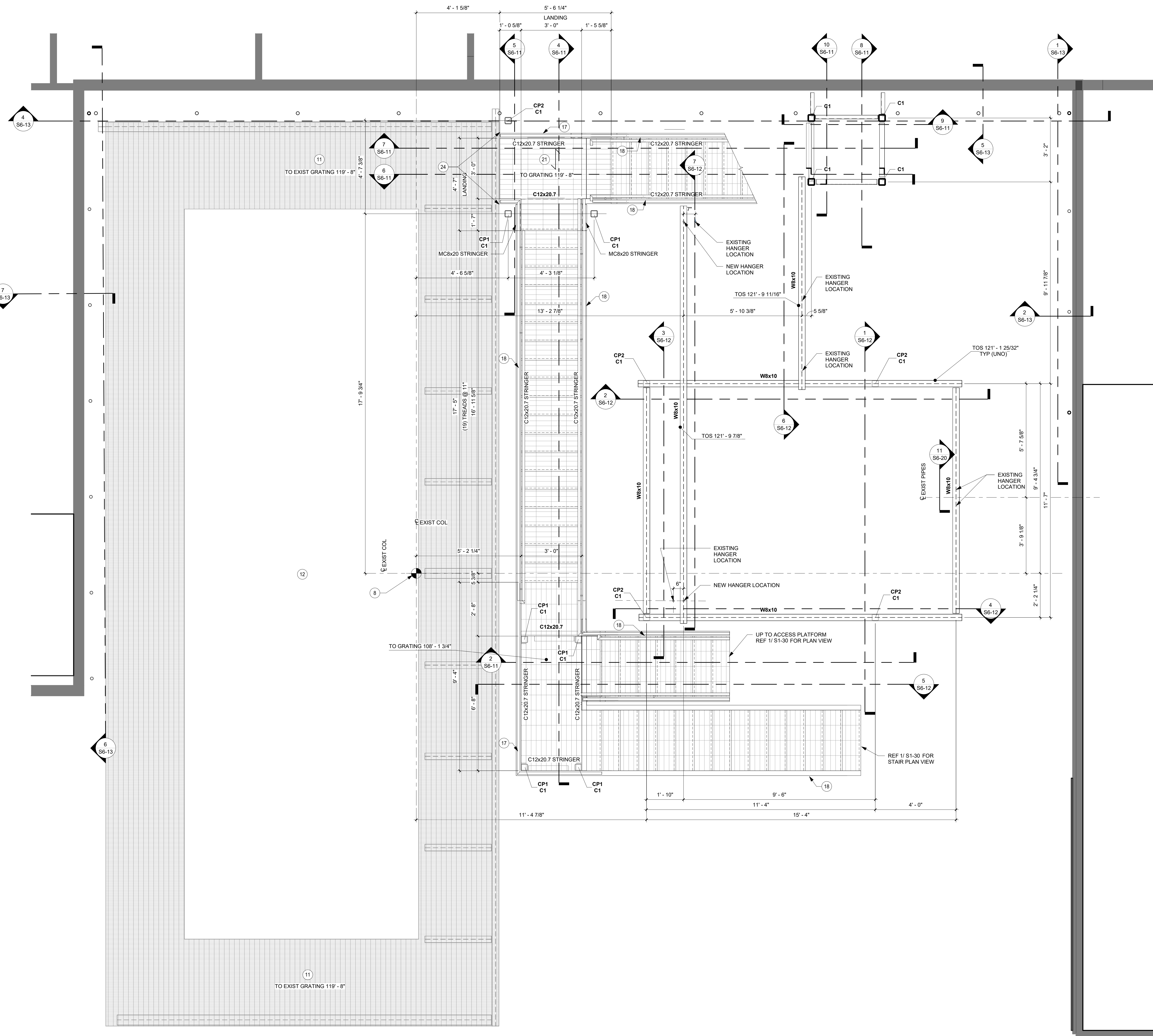


SHEET NOTES

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2. ALL NEW STEEL FRAMING AND CONNECTIONS TO BE HOT DIPPED GALVANNEED, TYP.
3. TOUCH UP ALL FIELD WELDS WITH COLD GAL PAINT.

KEYNOTE LEGEND

- 8 PROJECT WORK POINT AT CENTER OF EXISTING COLUMN.
- 11 EXISTING CONDENSOR PLATFORM GRATING TO REMAIN
- 12 EXISTING CONDENSOR TO REMAIN
- 17 GUARDRAILS: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC), 1 1/2" DIA SCHEDULE 40 HORIZONTALS (1) 42" ABOVE WALKING SURFACE AND (1) 21" ABOVE WALKING SURFACE). PL 1/2"x4" CONTINUOUS TOE KICK PLATE. REFER TO SECTION DETAIL.
- 18 STAIR GUARDRAILS: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC), 1 1/2" DIA SCHEDULE 40 HORIZONTALS (1) 42" ABOVE TREAD NOSE AND (1) 21" ABOVE TREAD NOSE). STAIR HANDRAIL: 1 1/2" DIA SCHEDULE 40 @ 36" ABOVE NOSE OF TREAD. REFER TO CONNECTION DETAIL.
- 21 1 1/2" x 3/16" BEARING BAR GRATING. PROVIDE ABRASIVE NOSE AT STAIR RUNS (REF PLAN). BAND ALL SIDES AS REQUIRED. REFER TO PLAN FOR DIRECTION OF INSTALL.
- 24 CONTRACTOR TO VERIFY EXTENTS OF EXISTING GUARDRAIL THAT WILL NEED TO BE MODIFIED WITH CONSTRUCTION OF NEW ACCESS PLATFORM. TOUCH UP ALL FIELD WELDS AND SAW CUTS WITH COLD GAL PAINT AS REQUIRED.



KEYPLAN

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PROJECT

CARGILL

ROOF EQUIPMENT ACCESS

WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

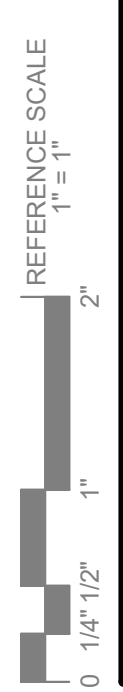
PROJECT NO.	23-29390
FILE NAME	29390 ARCH R22
DRAWN BY	KK
DESIGNED BY	MCZ
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	10/09/2023
CLIENT PROJECT NO.	

TITLE

PIPE SUPPORT FRAMING PLAN

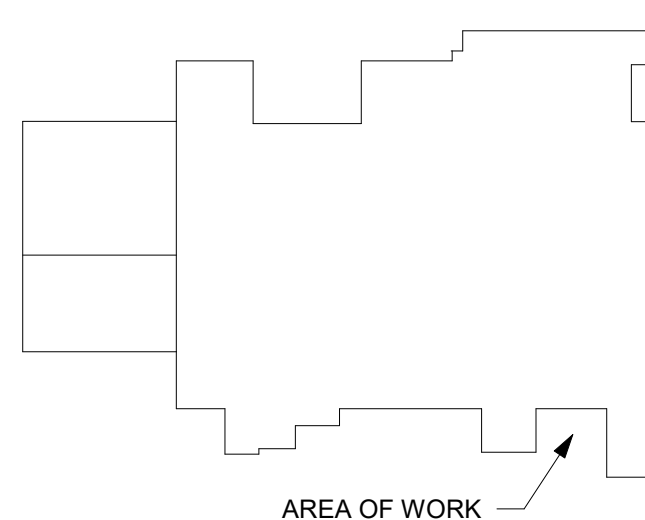
SHEET **S1-40**

1 PIPE SUPPORT FRAMING PLAN
1/2" = 1'-0"



- SHEET NOTES**
- CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO FABRICATION.
 - ALL NEW STEEL FRAMING AND CONNECTIONS TO BE HOT DIPPED GALVANIZED, TYP.
 - TOUCH UP ALL FIELD WELDS WITH COLD GAL PAINT.
 - MC6/C12 - INDICATES MC6x12 CHANNEL WELDED TO TOP OF C12x20.7 CHANNEL. REFER TO DETAILS FOR CONNECTION.

- KEYNOTE LEGEND**
- EXISTING WALL TO REMAIN
 - EXISTING RECEIVER TANK TO REMAIN
 - EXISTING PUMP TO REMAIN
 - EXISTING FD AMMONIA CONTROL PANEL TO REMAIN
 - EXISTING CONDENSOR TO REMAIN
 - PROJECT WORK POINT AT CENTER OF EXISTING COLUMN
 - EXISTING W COLUMN TO REMAIN
 - 1 1/2" x 3/16" (19-W-4) GALVANIZED BEARING BAR GRATE. BAND ALL EDGES TYPICAL. DIRECTION OF INSTALL. SHOWN ON PLANS.
 - HOLE THRU GRATING FOR EXISTING PIPE.
 - GUARDRAILS: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC), 1 1/2" DIA SCHEDULE 40 HORIZONTALS ((1) 42" ABOVE WALKING SURFACE AND (1) 21" ABOVE WALKING SURFACE). PL 1/2x4xCONTINUOUS TOE KICK PLATE. REFER TO SECTION DETAIL.
 - GUARDRAILS: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC), 1 1/2" DIA SCHEDULE 40 HORIZONTALS ((1) 42" ABOVE WALKING SURFACE AND (1) 21" ABOVE WALKING SURFACE). PL 1/2x4xCONTINUOUS TOE KICK PLATE. REFER TO SECTION DETAIL.
 - STAIR GUARDRAILS: 1 1/2" DIA SCHEDULE 80 VERTICALS (MAX 5'-0" OC), 1 1/2" DIA SCHEDULE 40 HORIZONTALS ((1) 42" ABOVE TREAD NOSE AND (1) 21" ABOVE TREAD NOSE). STAIR HANDRAIL: 1 1/2" DIA SCHEDULE 40 @ 36" ABOVE NOSE OF TREAD. REFER TO CONNECTION DETAIL.
 - 1 1/2" x 3/16" BEARING BAR GRATING. PROVIDE ABRASIVE NOSE AT STAIR RUNS (REF PLAN). BAND ALL SIDES AS REQUIRED. REFER TO PLAN FOR DIRECTION OF INSTALL.
 - BRACE ANGLE. REFER TO FRAMING SECTIONS FOR SIZES AND LOCATIONS.
 - BRACE CHANNEL. REFER TO FRAMING SECTIONS FOR SIZES AND LOCATIONS.



KEYPLAN

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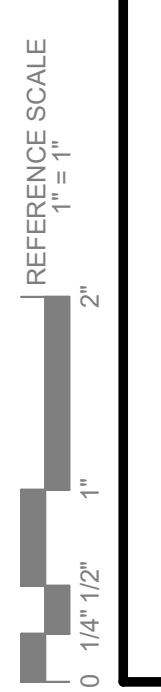
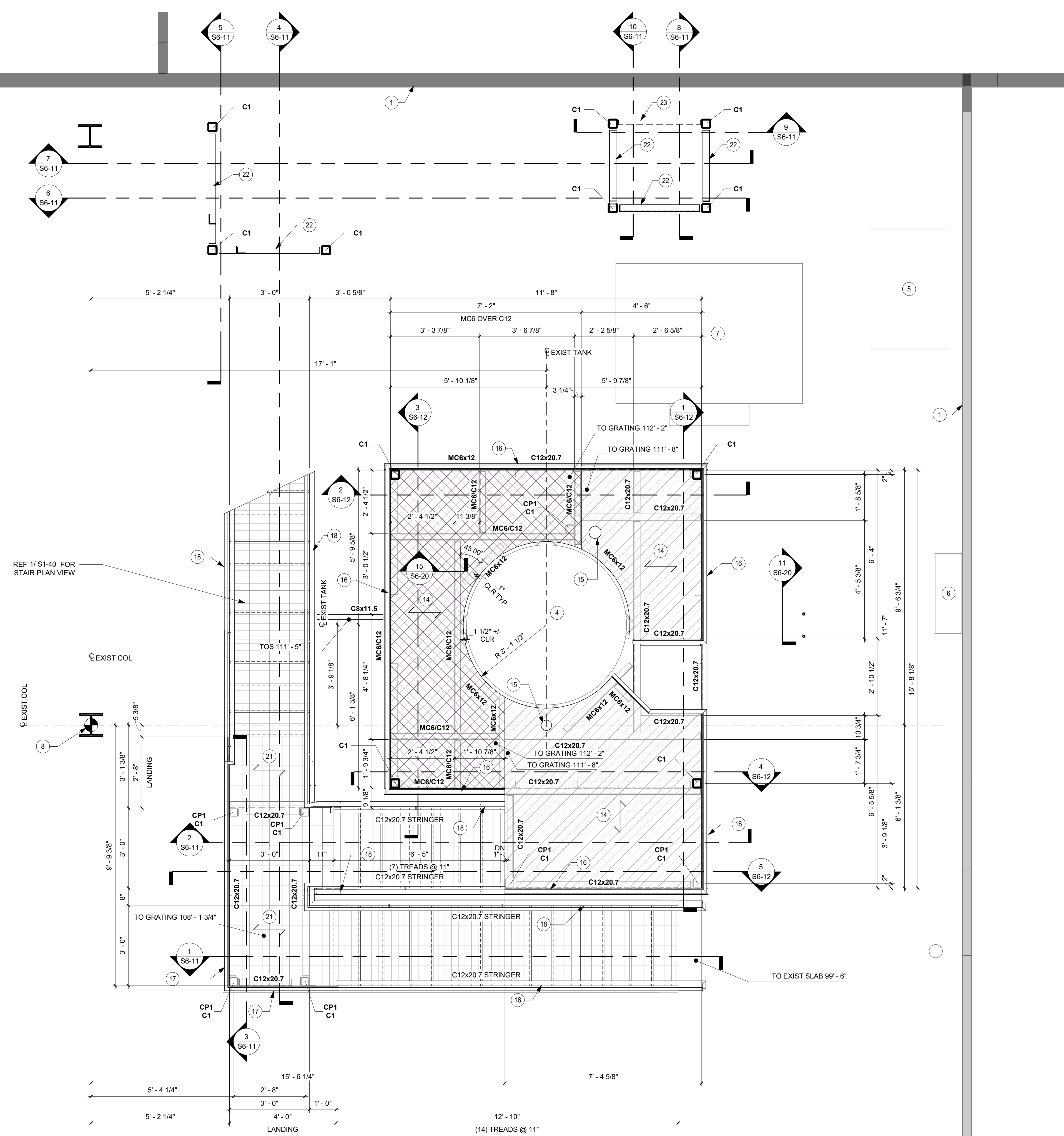
PROJECT
CARGILL
ROOF EQUIPMENT
ACCESS
WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

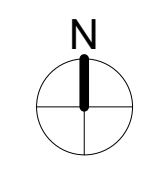
PROJECT NO. 23-29390
FILE NAME 29390 ARCH R22
DRAWN BY KK
DESIGNED BY MCZ
REVIEWED BY JEH
ORIGINAL ISSUE DATE 10/09/2023
CLIENT PROJECT NO.

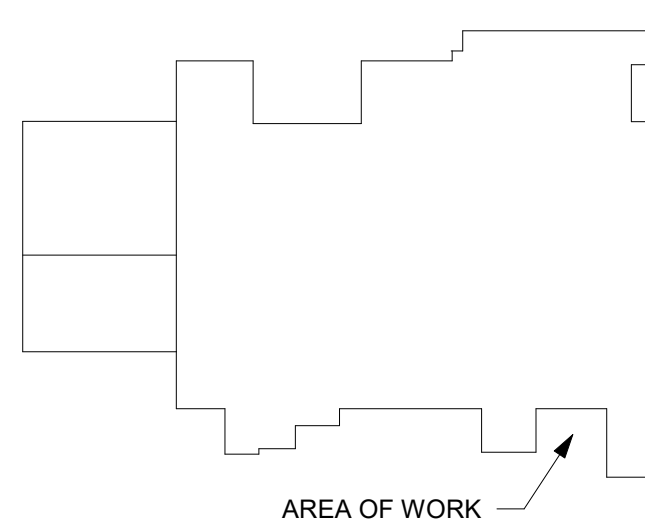
TITLE
ACCESS
PLATFORM
FRAMING PLAN

SHEET
S1-30



1 ACCESS PLATFORM FRAMING PLAN
1/2" = 1'-0"





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PROJECT
CARGILL
ROOF EQUIPMENT
ACCESS
WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

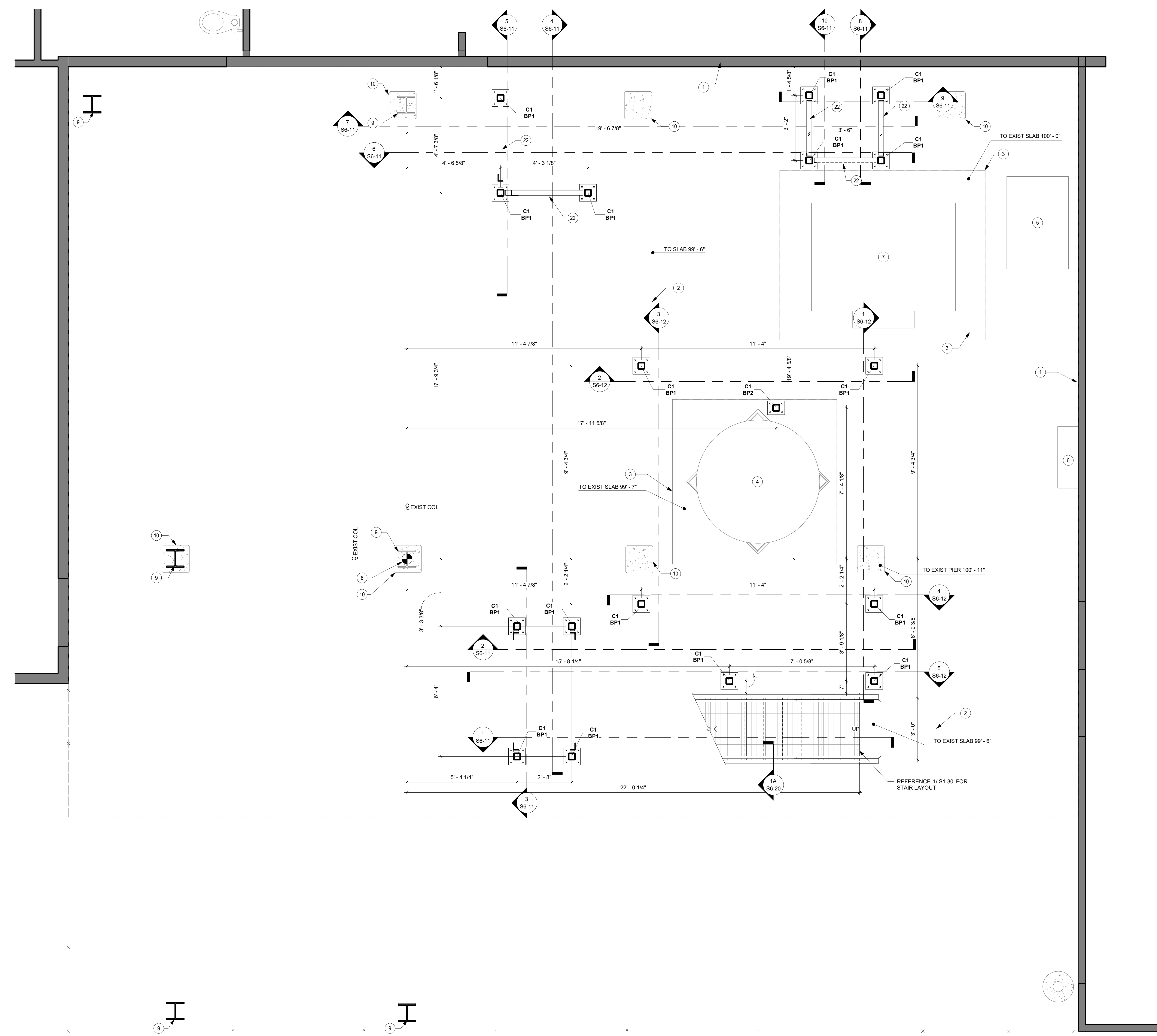
PROJECT NO. 23-29390
 FILE NAME 29390 ARCH R22
 DRAWN BY KK
 DESIGNED BY MCZ
 REVIEWED BY JEH
 ORIGINAL ISSUE DATE 10/09/2023
 CLIENT PROJECT NO.

TITLE
BASEPLATE
LAYOUT PLAN

SHEET
S1-20

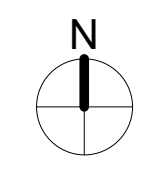
- SHEET NOTES**
- CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO FABRICATION.
 - ALL NEW STEEL FRAMING AND CONNECTIONS TO BE HOT DIPPED GALVANIZED, TYP.
 - TOUCH UP ALL FIELD WELDS WITH COLD GAL PAINT.

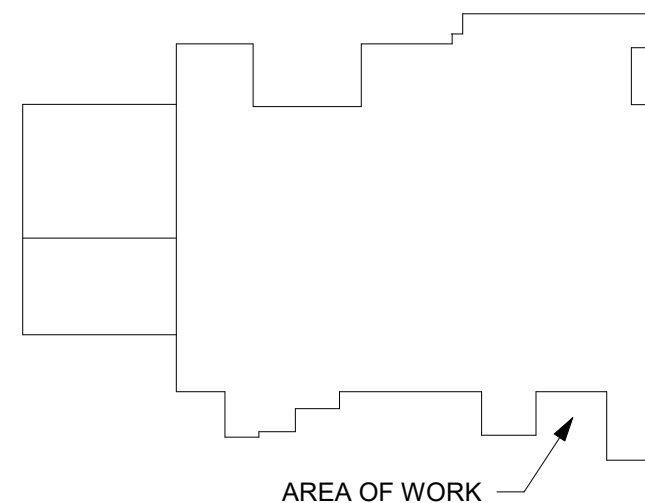
- KEYNOTE LEGEND**
- | | |
|----|---|
| 1 | EXISTING WALL TO REMAIN |
| 2 | EXISTING CONCRETE SLAB TO REMAIN. VERIFY IN FIELD. |
| 3 | EXISTING CONCRETE PAD TO REMAIN. VERIFY IN FIELD. |
| 4 | EXISTING RECEIVER TANK TO REMAIN. |
| 5 | EXISTING PUMP TO REMAIN |
| 6 | EXISTING FD AMMONIA CONTROL PANEL TO REMAIN |
| 7 | EXISTING CONDENSOR TO REMAIN |
| 8 | PROJECT WORK POINT AT CENTER OF EXISTING COLUMN. |
| 9 | EXISTING W COLUMN TO REMAIN |
| 10 | EXISTING CONCRETE PIER TO REMAIN |
| 22 | BRACE ANGLE. REFER TO FRAMING SECTIONS FOR SIZES AND LOCATIONS. |



REFERENCE SCALE
 1" = 1'-0"
 0 1/4" 1/2" 1" 2"

1 BASEPLATE LAYOUT PLAN
 1/2" = 1'-0"





KEYPLAN

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PROJECT

**CARGILL
ROOF EQUIPMENT
ACCESS**

WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	23-29390
FILE NAME	29390 ARCH R22
DRAWN BY	KK
DESIGNED BY	MCZ
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	10/09/2023
CLIENT PROJECT NO.	

TITLE

**ROOF LEVEL
DEMOLITION
PLAN**

SHEET

S1-11

SHEET NOTES - DEMOLITION

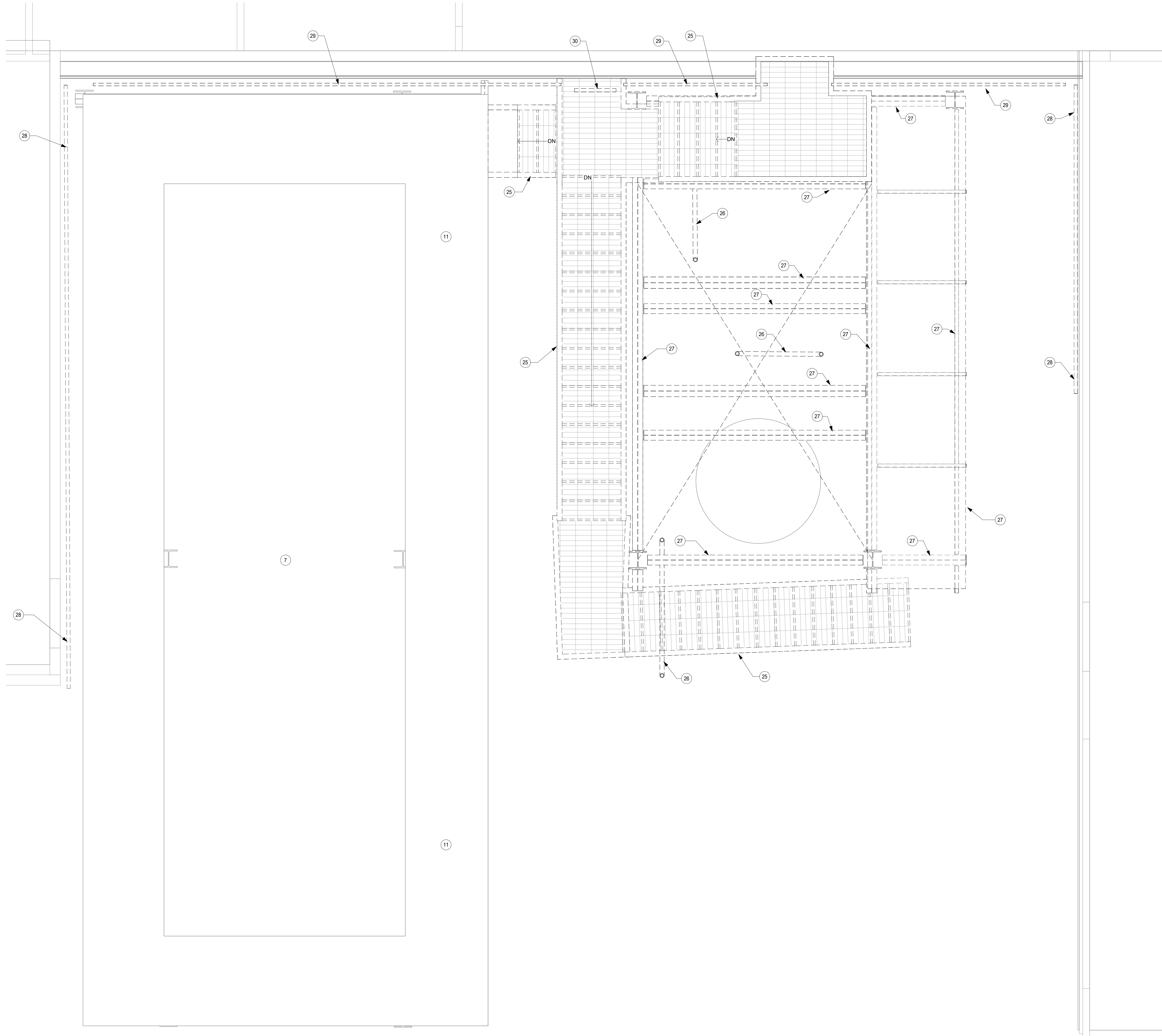
- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- EXISTING STAIRS, SUPPORT COLUMNS, BRACING, ETC TO BE REMOVED. PATCH/REPAIR WHERE EXISTING ANCHORS WERE REMOVED TO MATCH ADJACENT MATERIALS.
- ALL EXISTING PIPING TO REMAIN SHALL BE SUPPORTED DURING DEMOLITION AND THRU INSTALLATION OF NEW STRUCTURE.
- COORDINATE ADDITIONAL ITEMS TO BE REMOVED WITH OWNER PRIOR TO DEMOLITION.

WALL LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- DEMOLITION

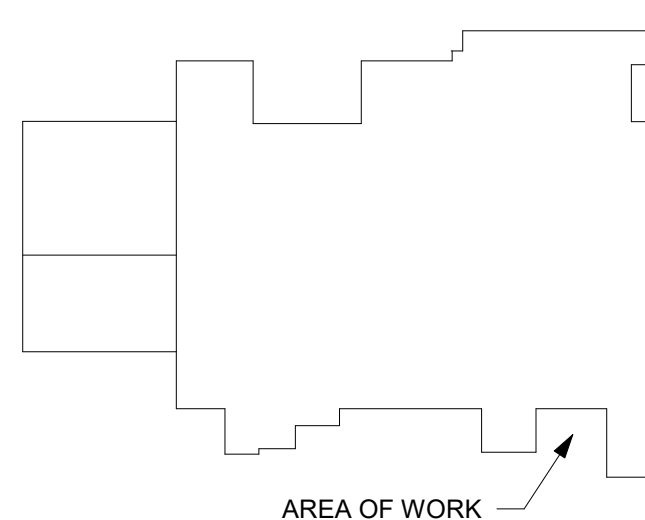
KEYNOTE LEGEND

- | | |
|----|--|
| 7 | EXISTING CONDENSATOR TO REMAIN |
| 11 | EXISTING CONDENSATOR PLATFORM GRATING TO REMAIN |
| 25 | EXISTING STAIR AND GUARDRAILS TO BE REMOVED. REMOVE ANY ADDITIONAL SUPPORT MEMBERS AS REQUIRED. |
| 26 | EXISTING PIPE SUPPORT TO BE REMOVED. |
| 27 | REMOVE EXISTING PLATFORM FRAMING AND GRATING. REMOVE ALL ASSOCIATED BRACING ELEMENTS. |
| 28 | REMOVE EXISTING GUARDRAIL. EXISTING MOUNTS AT WALL TO REMAIN. NOTIFY ENGINEER OF RECORD IF THEY ARE IN POOR CONDITION. REFER TO NEW CONNECTION DETAIL FOR PORTION OF EXISTING TO REMAIN. |
| 29 | REMOVE EXISTING GUARDRAIL. EXISTING MOUNTS AT WALL TO BE REMOVED. PATCH HOLES AS REQUIRED TO MATCH ADJACENT FINISHES. |
| 30 | REMOVE EXISTING SHIPS LADDER AND SELF CLOSING SAFETY GATE. |



1 ROOF LEVEL DEMOLITION PLAN
1/2" = 1'-0"

REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"



KEYPLAN

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PROJECT

**CARGILL
ROOF EQUIPMENT
ACCESS**

WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	23-29390
FILE NAME	29390 ARCH R22
DRAWN BY	KK
DESIGNED BY	MCZ
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	10/09/2023
CLIENT PROJECT NO.	

TITLE

**FIRST FLOOR
DEMOLITION
PLAN**

SHEET
S1-10

SHEET NOTES - DEMOLITION

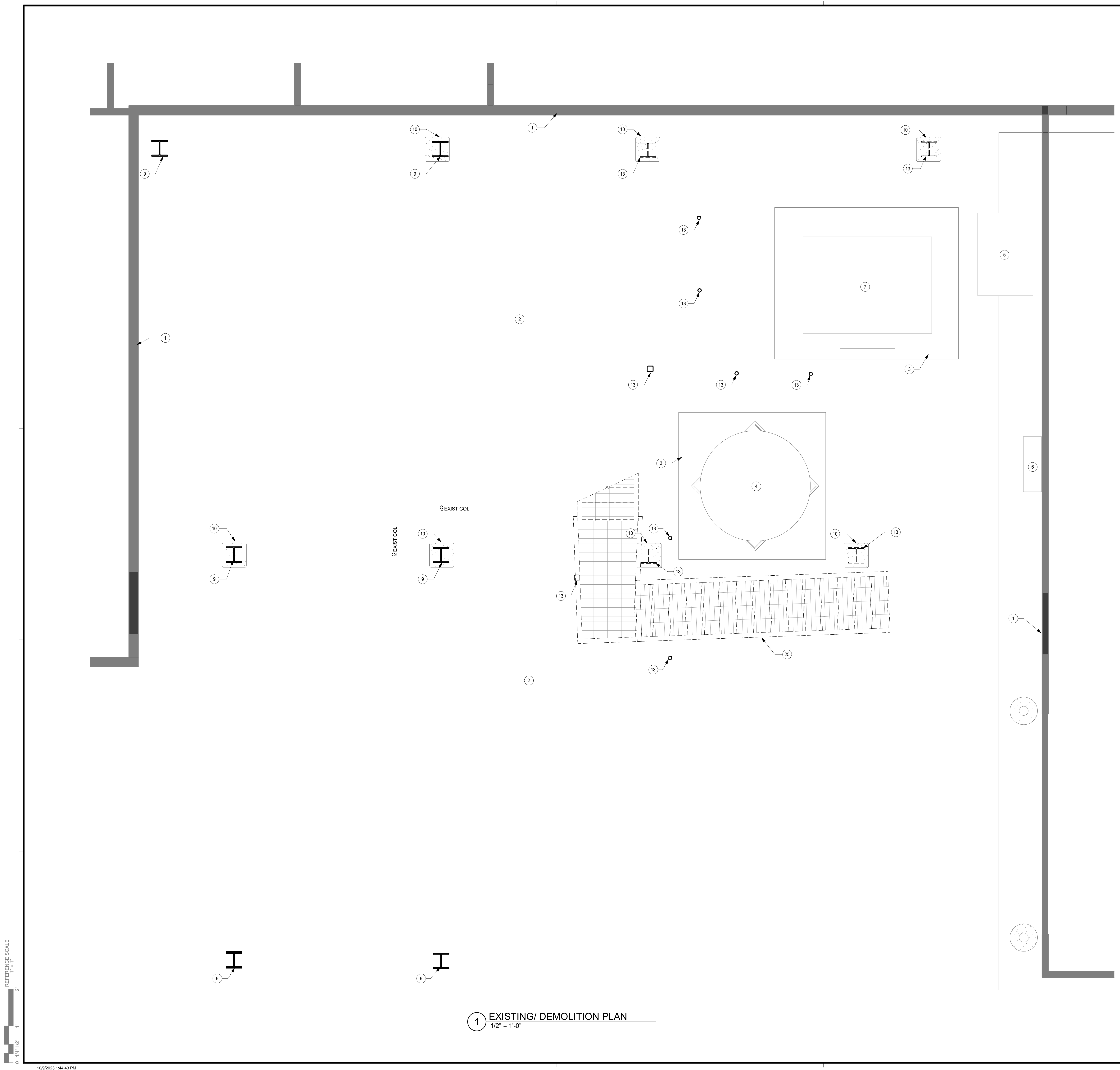
- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- EXISTING STAIRS, SUPPORT COLUMNS, BRACING, ETC TO BE REMOVED. PATCH/REPAIR WHERE EXISTING ANCHORS WERE REMOVED TO MATCH ADJACENT MATERIALS.
- ALL EXISTING PIPING TO REMAIN SHALL BE SUPPORTED DURING DEMOLITION AND THRU INSTALLATION OF NEW STRUCTURE.
- COORDINATE ADDITIONAL ITEMS TO BE REMOVED WITH OWNER PRIOR TO DEMOLITION.

WALL LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- DEMOLITION

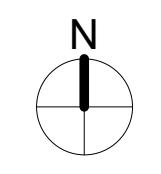
KEYNOTE LEGEND

- | | |
|----|---|
| 1 | EXISTING WALL TO REMAIN |
| 2 | EXISTING CONCRETE SLAB TO REMAIN. VERIFY IN FIELD. |
| 3 | EXISTING CONCRETE PAD TO REMAIN. VERIFY IN FIELD. |
| 4 | EXISTING RECIEVER TANK TO REMAIN. |
| 5 | EXISTING PUMP TO REMAIN |
| 6 | EXISTING FD AMMONIA CONTROL PANEL TO REMAIN |
| 7 | EXISTING CONDENSOR TO REMAIN |
| 9 | EXISTING W COLUMN TO REMAIN |
| 10 | EXISTING CONCRETE PIER TO REMAIN |
| 13 | EXISTING COLUMN TO BE REMOVED |
| 25 | EXISTING STAIR AND GUARDRAILS TO BE REMOVED. REMOVE ANY ADDITIONAL SUPPORT MEMBERS AS REQUIRED. |



REFERENCE SCALE
1" = 1'-0"
0 1/4" 1/2" 1" 2"

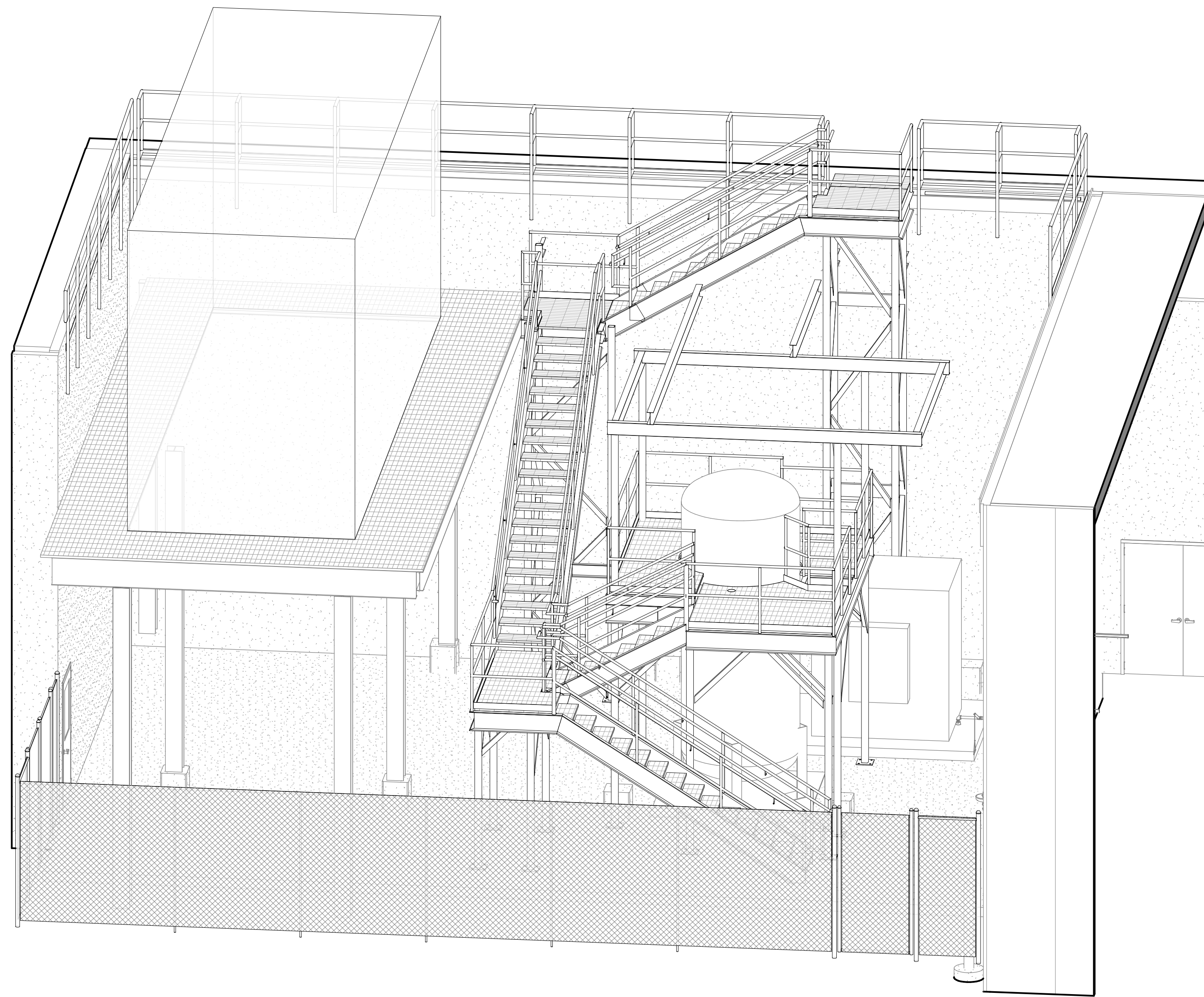
1 EXISTING/ DEMOLITION PLAN
1/2" = 1'-0"



CARGILL ROOF EQUIPMENT ACCESS

WEST COLUMBIA, SOUTH CAROLINA

ISG PROJECT # 23-29390

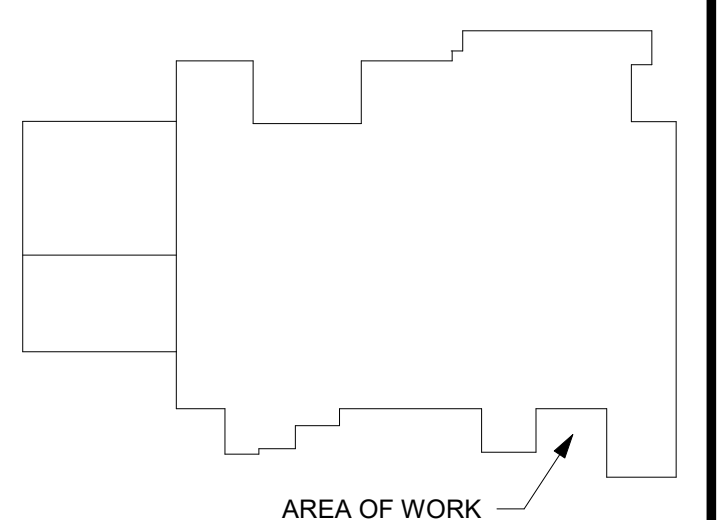


PROJECT GENERAL NOTES

- A. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL AND SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT / ENGINEER.
- B. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND CORRELATING QUANTITIES AND DIMENSIONS.
- C. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- D. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- E. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.
- F. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.
- G. LARGE-SCALE, MORE SPECIFIC DETAILS TAKE PRECEDENCE OVER SMALLER-SCALE, LESS SPECIFIC DETAILS AND INFORMATION. MORE STRINGENT REQUIREMENTS FOR CODE, PRODUCTS AND INSTALLATION TAKE PRECEDENCE OVER LESS STRINGENT REQUIREMENTS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- H. PROVIDE CONTINUOUS SEALANT AROUND ALL MATERIALS AT ALL INTERIOR AND EXTERIOR WALL PENETRATIONS. REFER TO SPECIFICATIONS FOR APPROPRIATE SEALANT.
- I. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- J. SEAL ALL OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS, AROUND DUCTS, PIPES, VENTS, TRAPS, CONDUIT AND ALL OTHER PENETRATIONS WITH FIRE STOPPING AS SPECIFIED AND REQUIRED BY CODES. IF FIRE STOPPING IS NOT REQUIRED AT PENETRATIONS PER CODE, SEAL WITH CONTINUOUS SEALANT.
- K. PROVIDE TEMPORARY WALLS, ENCLOSURES, DUST SHIELDS AND WALK-OFF MATS AS REQUIRED TO SEPARATE DEMOLITION AND CONSTRUCTION FROM EXISTING BUILDING.
- L. PROVIDE BRACING AND SHORING AS REQUIRED TO PROTECT EXISTING STRUCTURE TO REMAIN. PROVIDE SECURE AND WEATHERPROOF ENCLOSURE OF TEMPORARY OPENINGS IN EXTERIOR WALLS. PROTECT ALL BUILDING COMPONENTS FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION.
- M. RESTORE ALL EXISTING AREAS AFFECTED BY DEMOLITION AND RELATED NEW CONSTRUCTION TO THEIR ORIGINAL CONDITION, INCLUDING BUT NOT LIMITED TO WALLS, FLOORS, AND CEILINGS AND THEIR ASSOCIATED FINISHES.
- N. PROVIDE SOLID WALL BACKING WITH METAL OR FIRE-RETARDANT WOOD BLOCKING BEHIND DOOR HARDWARE SUCH AS WALL STOPS, BUMPERS, HOLD OPENS, ETC. AND AT ALL ITEMS REQUIRING FASTENING THROUGH GYP BD. TO BLOCKING.
- O. RENDERED IMAGES MAY NOT BE AN ACCURATE REPRESENTATION OF BUILDING CONDITIONS. REFER TO PLANS AND DETAILS CONTAINED WITHIN FOR SCOPE OF WORK.

SHEET INDEX

SHEET #	SHEET TITLE
GENERAL	
G1-10	TITLE SHEET, SHEET INDEX, PROJECT GENERAL NOTES
STRUCTURAL	
S1-00	STRUCTURAL NOTES, SCHEDULE, AND LEGENDS
S1-10	FIRST FLOOR DEMOLITION PLAN
S1-11	ROOF LEVEL DEMOLITION PLAN
S1-20	BASEPLATE LAYOUT PLAN
S1-30	ACCESS PLATFORM FRAMING PLAN
S1-40	PIPE SUPPORT FRAMING PLAN
S1-50	ROOF ACCESS FRAMING PLAN
S6-11	VERTICAL CIRCULATION FRAMING SECTIONS
S6-12	VERTICAL CIRCULATION FRAMING SECTIONS
S6-13	GUARDRAIL ELEVATIONS
S6-20	FRAMING DETAILS



AREA OF WORK
KEYPLAN

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PROJECT

CARGILL ROOF EQUIPMENT ACCESS

WEST COLUMBIA SOUTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	23-29390
FILE NAME	29390 ARCH R22
DRAWN BY	KK
DESIGNED BY	MCZ
REVIEWED BY	JEH
ORIGINAL ISSUE DATE	10/09/2023
CLIENT PROJECT NO.	


TITLE

TITLE SHEET, SHEET INDEX, PROJECT GENERAL NOTES

SHEET

G1-10

PROJECT INDEX:

OWNER: CARGILL 1964 OLD DUNBAR ROAD WEST COLUMBIA, SOUTH CAROLINA 29172 (803)-888-1901	PROJECT ADDRESS: CARGILL 1964 OLD DUNBAR ROAD WEST COLUMBIA, SOUTH CAROLINA 29172	MANAGING OFFICE:  LA CROSSE OFFICE 201 MAIN STREET SUITE 1020 LA CROSSE, WISCONSIN 54601 PHONE: 608.789.2034 PROJECT MANAGER: NICK ELLENBERGER EMAIL: nick.ellenberger@isginc.com
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REFERENCE SCALE
1" = 1'
0 1/4" 1/2" 1" 2"