



ADDENDUM No. "1" to RFP No. B2015020

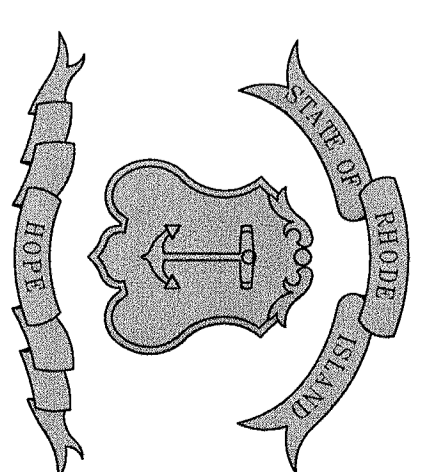
Crane Hoist - Licht

Date of Addendum No. "1" Issued:

September 25, 2015

Purpose of this Addendum is to:

- ❖ Provide updated drawings



FRANK LIGHT
JUDICIAL COMPLEX
230 BENTLEY STREET, PROVIDENCE, RI

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OWNER AND USER OF PROJECT: STATE OF RHODE ISLAND
PROJECT: LIGHT COURTHOUSE JUDICIAL COMPLEX
ARCHITECT: EDWARD R. C. T. S.
OTHER PROJECTS OR SERVICES: SEE LIST OF OTHER SERVICES ON THE REVERSE SIDE OF THIS DRAWING.
THIS DRAWING IS THE PROPERTY OF EDWARD R. C. T. S. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE EXPRESS AUTHORIZATION OF THE ARCHITECT.

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GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS FROM FINISHINGS AND DATA PROVIDED BY THE OWNER AND ALL FIELD SURVEY. NO WARRANTY OF ACTUAL CONDITIONS IS MADE BY ARCHITECT OR ENGINEER. CONTRACTOR SHALL VERIFY AND CORRECT ALL EXISTING CONDITIONS WITH ANY FABRICATION.
2. CONTRACTOR SHALL VISIT SITE, PRIOR TO BID, AND CORRELATE ALL INFORMATION AND EXAMINE THE AREA OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE WORK. CONTRACTOR TO NOTE THE REQUIRED AND DIFFICULTIES TO BE ENCOUNTERED. THE FIELD SURVEY OF CONTRACTOR AND ALL DIMENSIONS FROM FINISHINGS TO BE SHOWN AND NOTED THEREON WHICH MAY, IN ANY WAY, AFFECT THE WORK OR BE RESPONSIBLE FOR ANY DELAYS.
3. PERMITTING AND NECESSARY COMPONENTS FROM CONSTRUCTION SAFETY.
4. NO BIDS SHALL BE COVERED WITHOUT THE WRITTEN PERMISSION OF THE OWNER AND LOCAL AUTHORITIES THROUGH JURISDICTION.

B. DESIGN LOADS

1. GENERAL CRANE LOAD 2000 LBS

C. CONCRETE ANCHORS

1. EXPANSION TYPE ANCHORS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F488, STANDARD TEST METHODS FOR STRENGTH OF ANCHORS IN CONCRETE AND MASONRY ELEMENTS, AND ICBQ ES AC-01, ACCEPTANCE CRITERIA FOR ADHESIVE ANCHORS IN CONCRETE AND MASONRY ELEMENTS.
2. ADHESIVE TYPE ANCHORS SHALL FURTHER CONFORM TO THE REQUIREMENTS OF ASTM E1212, STANDARD TEST METHODS FOR TESTING BOND PERFORMANCE OF ADHESIVE BONDED ANCHORS, AND ICBQ ES AC-01, ACCEPTANCE CRITERIA FOR ADHESIVE ANCHORS IN CONCRETE AND MASONRY ELEMENTS.
3. PROVIDE SIZE, TYPE, AND EMBEDMENT OF ANCHOR INDICATED INSTALLED TO DEVELOP THE MINIMUM CAPACITY FOR THE EMBEDMENT, TYPE AND ANCHOR SIZE INTO A MINIMUM SAFETY FACTOR OF FOUR.
4. DRILL AND EPOXY ANCHORAGES SHALL BE HIT IT HIT-IT 200 ADHESIVE SYSTEM FOR CONCRETE AND HIT-IT TO ADHESIVE SYSTEM FOR MASONRY WITH STANDARD HANS RODS, OR APPROVED EQUAL. ROD EMBEDMENT LENGTH AND DIAMETER SHALL BE AS INDICATED ON DRAWINGS.
5. ANCHOR INSTALLATION SHALL CONFORM TO THE MANUFACTURER'S CURRENT PRINTED INSTRUCTIONS.
6. A QUALIFIED MANUFACTURER'S REPRESENTATIVE SHALL BE PRESENT DURING FIRST INSTALLATION TO ENSURE CORRECT PROCEDURE.
7. REMOVE DUST AND DEBRIS FROM DRILLED HOLES USING COMPRESSED AIR OR VACUUM AT BOTTOM OF HOLE. IMMEDIATELY REMOVE STANDING WATER FROM HOLES TO RECEIVE ADHESIVE ANCHORS.
8. DO NOT HAMMER IN ANCHOR BOLTS. INSTALL ANCHOR BOLTS USING A DRILL AS RECOMMENDED BY ANCHOR MANUFACTURER. THE USE OF HAMMER IN ADHESIVE TYPE CAPSULES IS PROHIBITED.
9. USE ONLY DRILL, TYPE AND BIT TYPE AND DIAMETER RECOMMENDED BY ANCHOR MANUFACTURER.
10. WHEN EMBEDDED STEEL, OR REBAR IS ENCOUNTERED IN THE DRILL PATH, BLANT DRILL TO CLEAR OBSTRUCTION. IF DRILL MUST BE SLANTED MORE THAN TO SLANT TO CLEAR OBSTRUCTION, NOTIFY THE ENGINEER FOR DIRECTION ON HOW TO PROCEED.

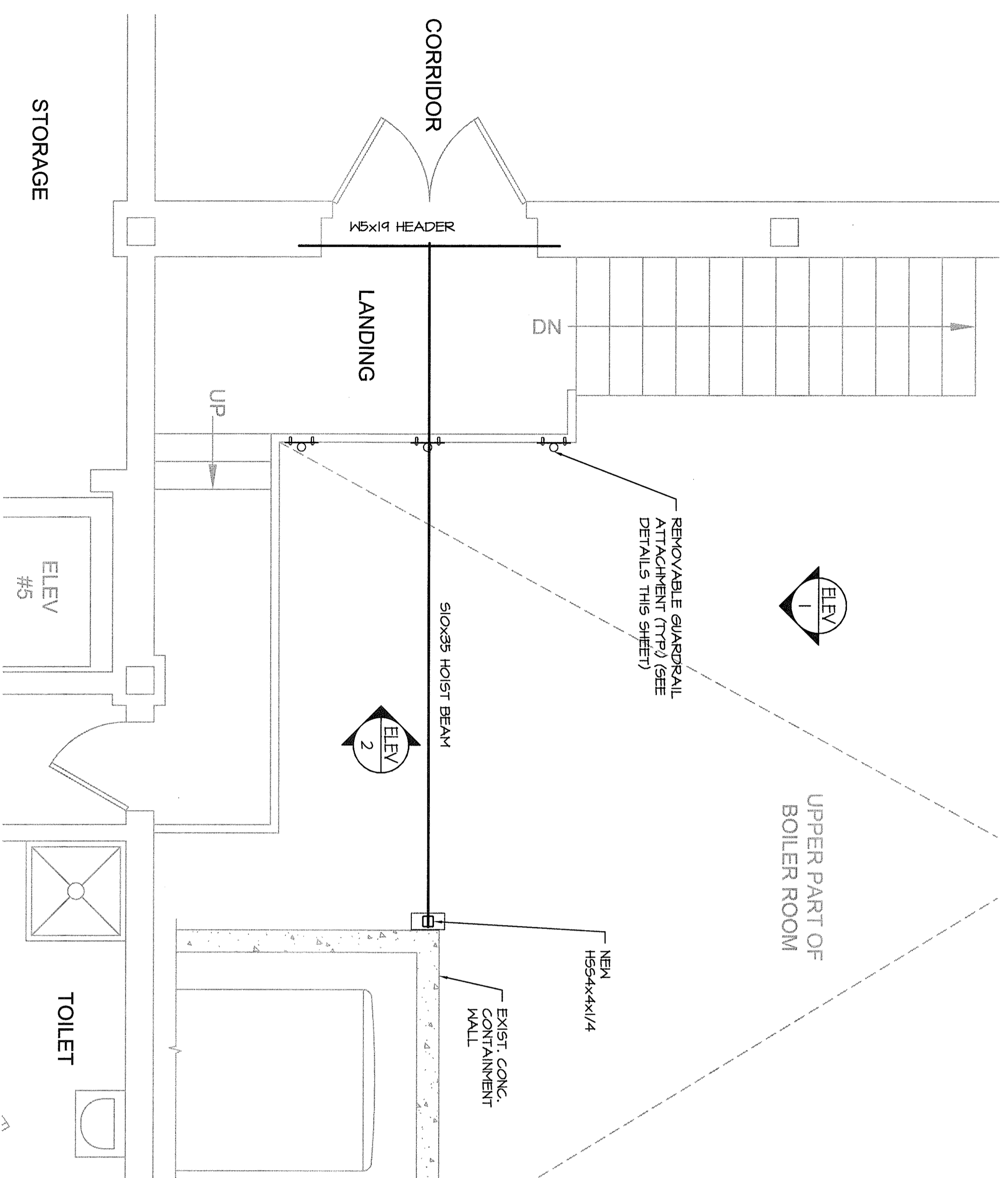
D. STRUCTURAL STEEL

1. DESIGN FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AISC SPECIFICATION FOR BUILDINGS.
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:

A) STRUCTURAL STEEL	A572 OR A992 GR. 50	Fy=50 KSI
B) TYPICAL PLATES AND ANGLES	ASTM A36	Fy=36 KSI
C) GIRDER RESTRICT COVER PLATE	ASTM A529 GR. 50	Fy=50 KSI
D) STRUCTURAL TUBING	ASTM A500, GR. B	Fy=46 KSI
E) HIGH STRENGTH BOLTS	A325 (TYPE I)	Fy=42 KSI
F) HIGH STRENGTH BOLTS	A325 (TYPE II)	Fy=58 KSI
G) HEAVY STUDS	A508 GR. 50	Fy=50 KSI
3. STRUCTURAL STEEL CONNECTIONS NOT DETAILED ON THE PLANS SHALL DEVELOP (1/2) OF MEMBER'S TOTAL TENSILE LOAD CAPACITY, TYPICAL UNLESS NOTED OTHERWISE.
4. ALL BOLTED CONNECTIONS SHALL USE 3/4" DIA. ASTM A-325-N BOLTS, UNLESS NOTED OTHERWISE.
5. ALL NEW STRUCTURAL STEEL SHALL BE GIVEN ONE COAT OF AN APPROVED SHOP PRIMER AND PAINT APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, UNLESS NOTED OTHERWISE (SEE NOTE 8 BELOW). SHOP PAINTING OF STRUCTURAL STEEL SHALL CONFORM TO SSPC-97 (INTERIOR SURFACES) OR SSPC-97B (EXTERIOR SURFACES).
6. AFTER ERECTION IS COMPLETE, TOUCH-UP ALL SHOP PRIMER COATS DAMAGED DURING TRANSPORT AND REECTION, AND PRIME ALL FIELD WELDS USING THE SAME PAINT USED FOR SHOP PRIMER.
7. ALL EXPOSED STRUCTURAL STEEL AND CONNECTORS SHALL BE PRIME AND PAINTED WITH AN APPROVED PAINT SYSTEM.
8. HIGH STRENGTH BOLTS SHALL BE TORQUED TO 10% OF THE MINIMUM TENSILE STRENGTH OF THE BOLT. IN CONNECTIONS WITH AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS, PROVIDE ONE FIELD WELD SHALL BE MADE ONLY BY OPERATORS CERTIFIED BY THE STANDARD QUALIFICATION PROCEDURE OF THE AMERICAN WELDING SOCIETY.
9. WELDING IN ACCORDANCE WITH LATEST EDITION OF AWS D11 CODE FOR WELDING IN BUILDING CONSTRUCTION (SEE ENO SERIES ELECTRODES UNLESS NOTED OTHERWISE).
10. FIELD WELDING OF STRUCTURAL MEMBERS IS NOT PERMITTED UNLESS SPECIFICALLY INDICATED.
11. FINISH AND INSTALL ONE HEAVY HEX NUT WITH ASTM F1554 ANCHOR BOLTS UNLESS OTHERWISE INDICATED.
12. PROVIDE FITTED WELDED 3/8" WEB STIFFENER PLATES ON EACH SIDE OF ALL BEAMS SEATED ON WALLS UNLESS NOTED OTHERWISE.
13. FIELD CUTTING OR MODIFICATION OF STRUCTURAL STEEL IS PROHIBITED UNLESS PRIOR WRITTEN APPROVAL IS RECEIVED FROM THE ENGINEER.
15. MINIMUM FILLET WELD (LEG) SIZE SHALL BE 3/16", UNLESS NOTED OTHERWISE.

A. GENERAL STRUCTURAL REQUIREMENTS

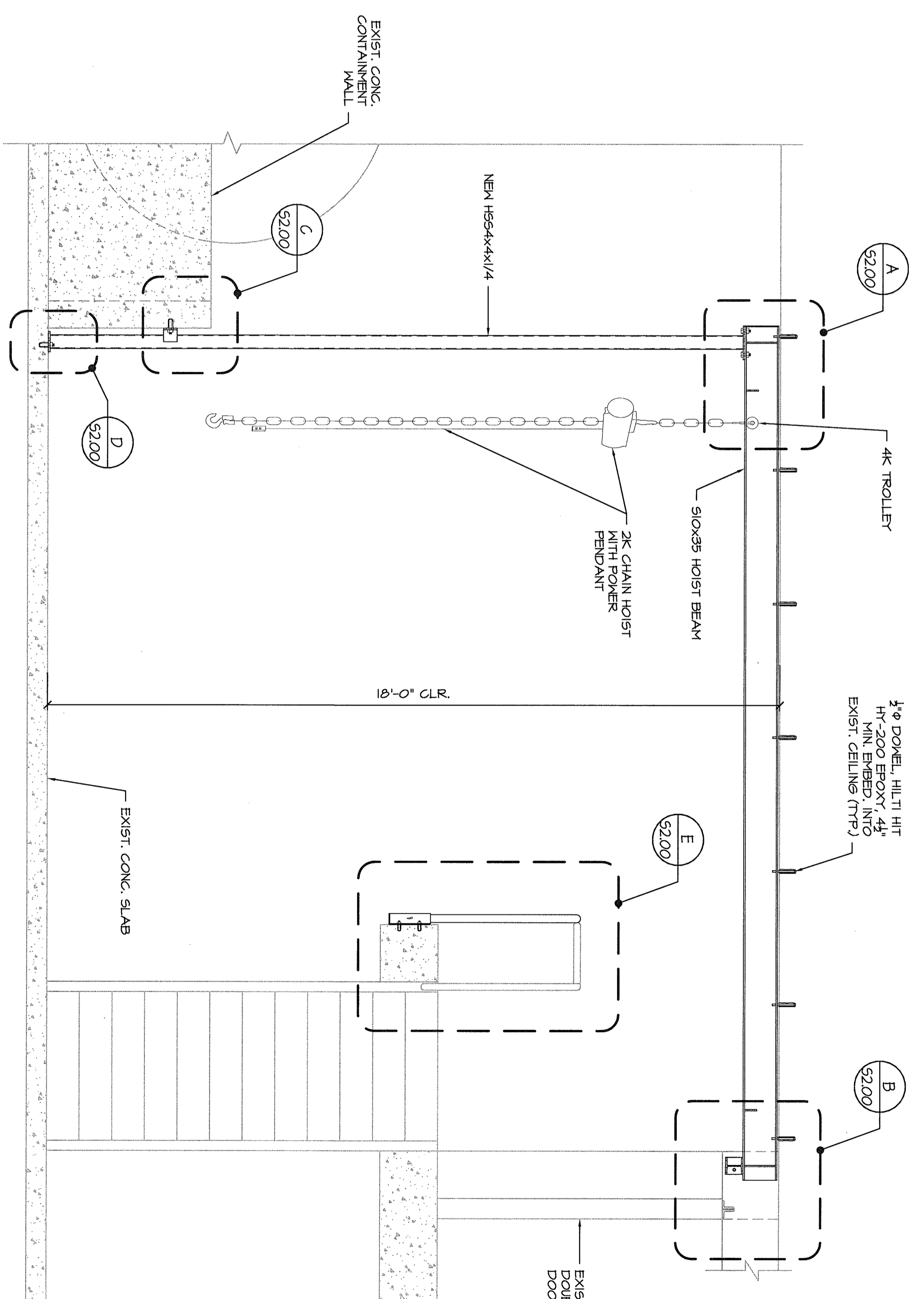
1. ALL METHODS OF CONSTRUCTION DETAILS, NOTES ETC., INDICATED ON THE DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
2. CONSTRUCTION SHALL BE MADE FROM APPROVED SHOP DRAWINGS ONLY.
3. ANY DISCREPANCIES ON THESE PLANS WITH REGARD TO DIMENSIONS OR CONDITIONS WITH THE APPROVED PORTION OF WORK.
4. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT AND THE RHODE ISLAND STATE BUILDING CODE.
5. THE LATEST EDITION OF THE FOLLOWING LISTED CODES SHALL APPLY. IN CASE OF CONFLICT, THE MORE RIGID REQUIREMENTS AND CODES SHALL GOVERN.
 - RHODE ISLAND STATE BUILDING CODE (STATE CODE), INTERNATIONAL BUILDING CODE, 2012 EDITION AND ITS APPLICABLE REFERENCED STANDARDS;
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS AND ITS CODE OF STANDARD PRACTICE (AISC)
 - AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318;
 - AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES, ACI 530 AND ACI 530.1.
6. THE DESIGN LOADS ARE REGISTERED BY THE COMPLETED STRUCTURE ACTING AS A UNIT. THE CONTRACTOR SHALL DESIGN AND PROVIDE ANY AND ALL TEMPORARY IMPROVED ON ANY PORTION OF THE STRUCTURE BEING CONSTRUCTED AT ANY TIME DURING CONSTRUCTION. THE SHORING SHALL BE DESIGNED TO RESIST ALL DEAD LOADS AND ANY APPLICABLE CONSTRUCTION LOADS.
7. ALL SHORING DESIGN AND PLANS SHALL BE STAMPED BY A RHODE ISLAND REGISTERED PROFESSIONAL ENGINEER.
8. NOTES AND TYPICAL DETAILS APPLY TO ALL STRUCTURAL WORK UNLESS OTHERWISE NOTED. VERIFY APPLICABILITY BY SUBMITTING SHOP DRAWINGS FOR REVIEW.
9. PLANS SHALL NOT BE SCALED FOR DIMENSIONS.



- NOTES:**
1. ADJUST ALL EXISTING UTILITIES TO ALLOW FOR INSTALLATION OF HOIST BEAM.
 2. RELOCATE EXISTING FIRE PROTECTION WATER LINE AS REQUIRED.

PARTIAL PLAN

SCALE: 3/8"=1'-0"



ELEVATION

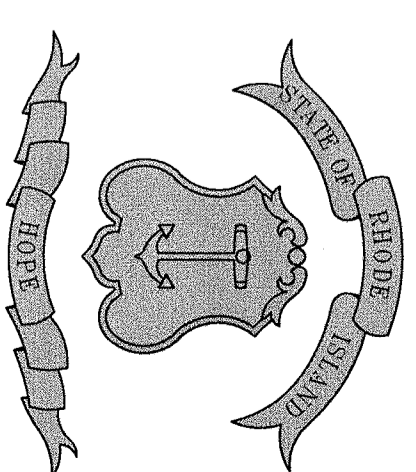
SCALE: 1/2"=1'-0"

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No.	7437
REGISTERED PROFESSIONAL ENGINEER PROVIDENCE, RHODE ISLAND	
Date:	SEPTEMBER 24, 2015
Drawn by:	JOB Prof. Mgr.: MAR
Revisions	
No.	Date Description

STRUCTURAL
NOTES, PLAN AND
ELEVATION

S1.00

LIGHT COURTHOUSE
CRANE HOIST



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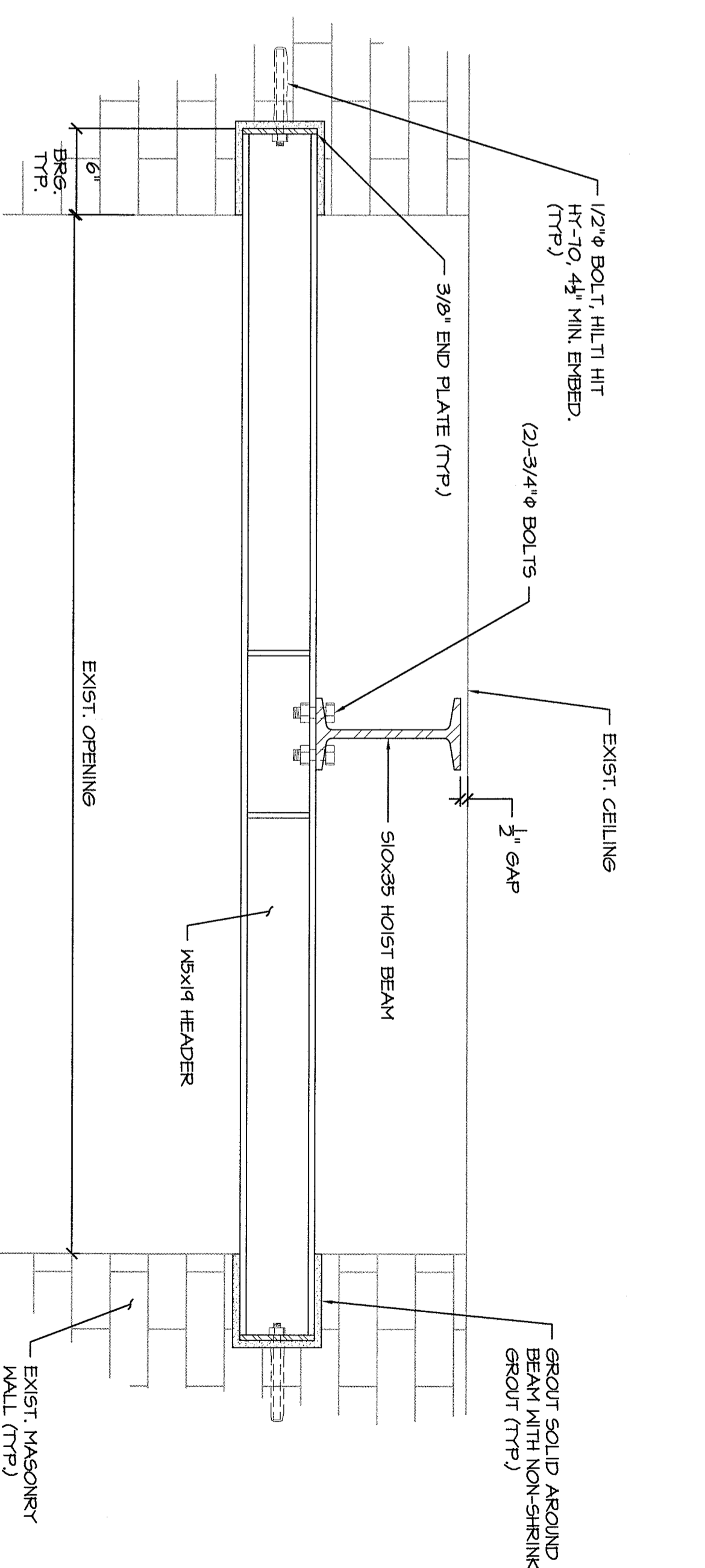
rowse@edwardrowse.com

OWNER'S AND USER'S REQUIREMENTS, DRAWINGS AND SPECIFICATIONS SHALL BE THE PROPERTY OF THE ARCHITECT. THESE DRAWINGS AND SPECIFICATIONS SHALL BE THE PROPERTY OF THE ARCHITECT. THESE DRAWINGS AND SPECIFICATIONS SHALL BE THE PROPERTY OF THE ARCHITECT. THESE DRAWINGS AND SPECIFICATIONS SHALL BE THE PROPERTY OF THE ARCHITECT.

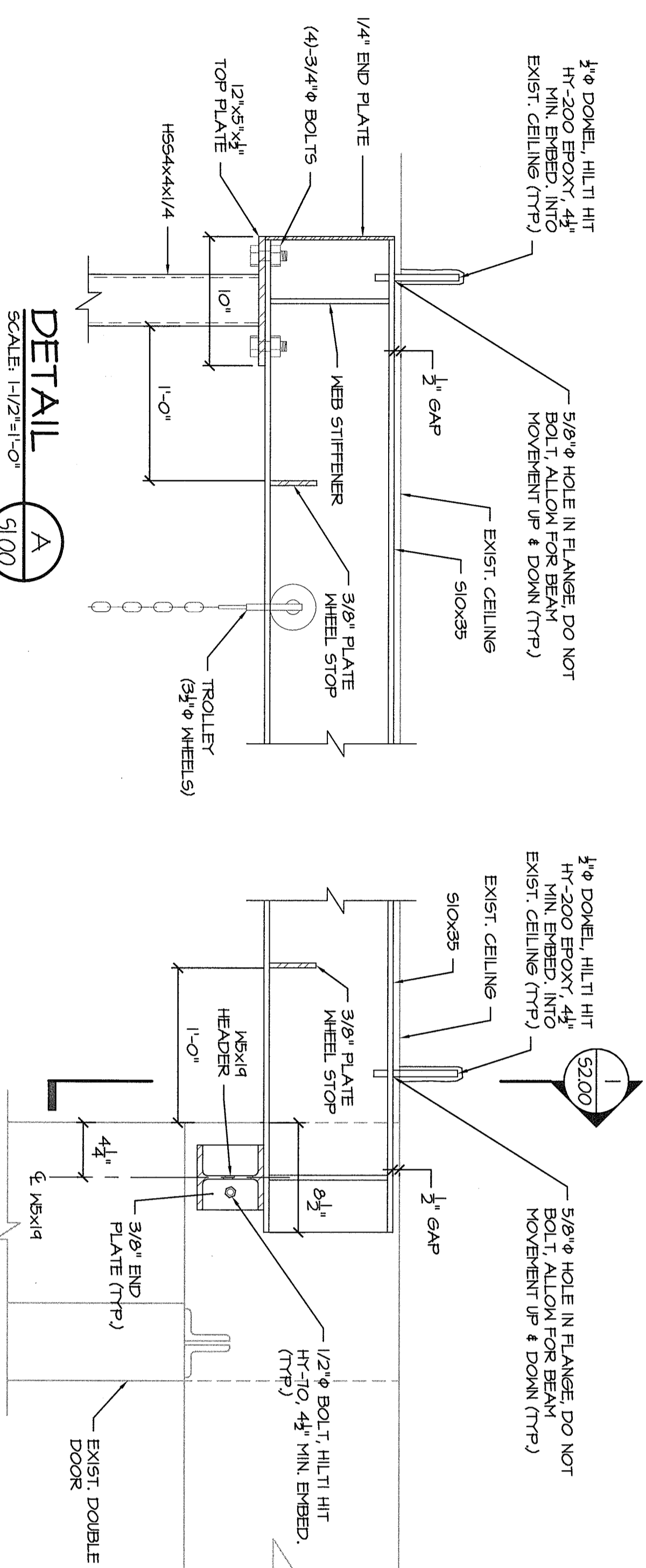
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GENERAL NOTES

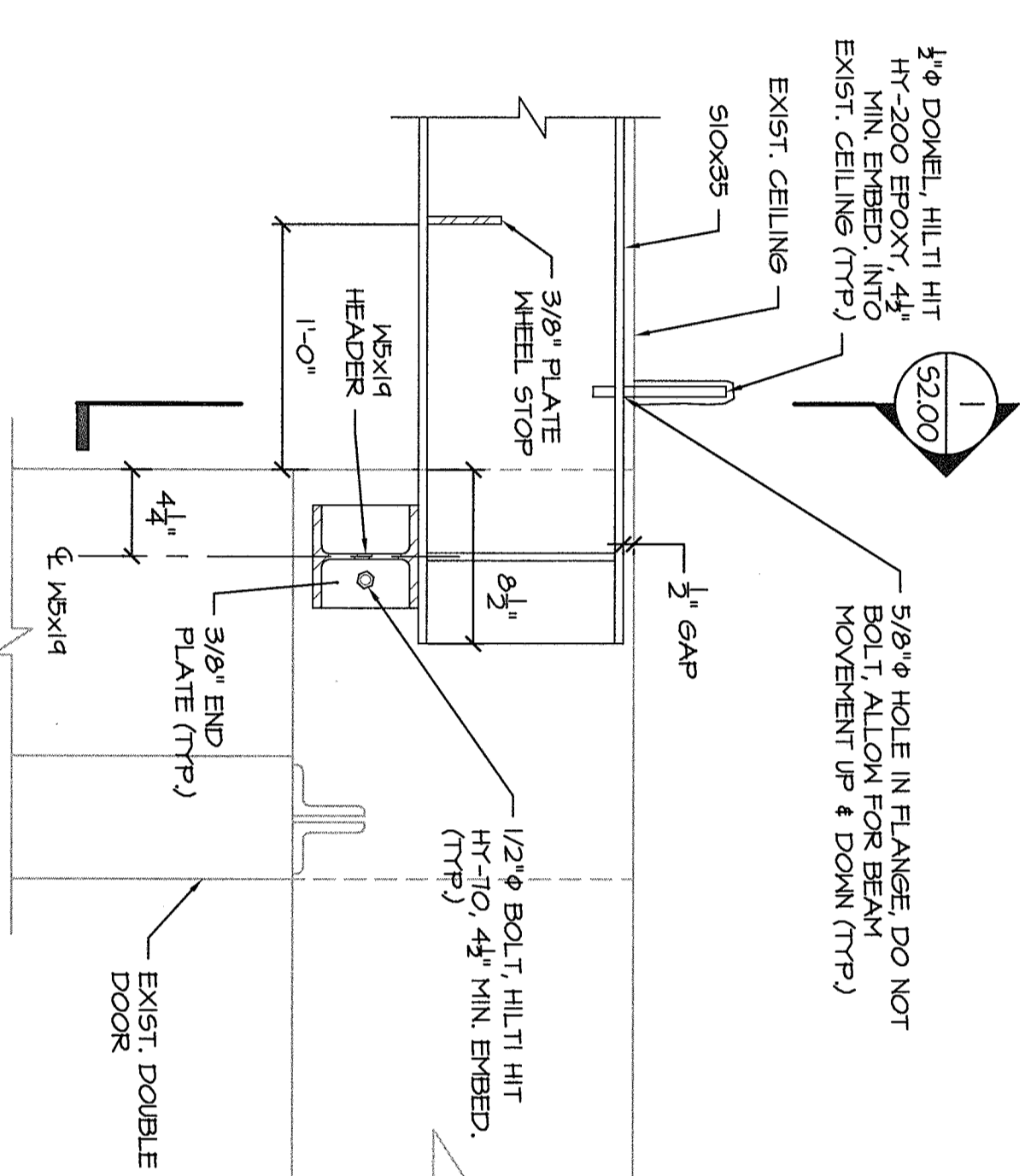
- EXISTING CONDITIONS WERE OBTAINED FROM DRAWINGS AND FIELD SURVEY. NO WARRANTY OF ACTUAL CONDITIONS IS TO BE MADE. VERIFY AND CORRECT ALL DISTINGUISHING CONDITIONS WITH ANY FABRICATION.
- CONTRACTOR SHALL VERIFY THE ROOF TO BE AND THE LOCATION OF THE WORK. CONTRIBUTION TO MAKE THE REQUIRED AND OBTAIN ALL NECESSARY PERMITS AND APPROVALS. THE RISK AND EXTENT OF EQUIPMENT AND FACILITIES NEEDED WHICH MAY, IN ANY WAY, AFFECT THE WORK OR CONTRACTOR'S PERFORMANCE.
- DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS.
- NO PARTS SHALL BE COVERED WITHOUT THE WRITTEN PERMISSION OF THE OWNER AND LOCAL AUTHORITIES HAVING JURISDICTION.



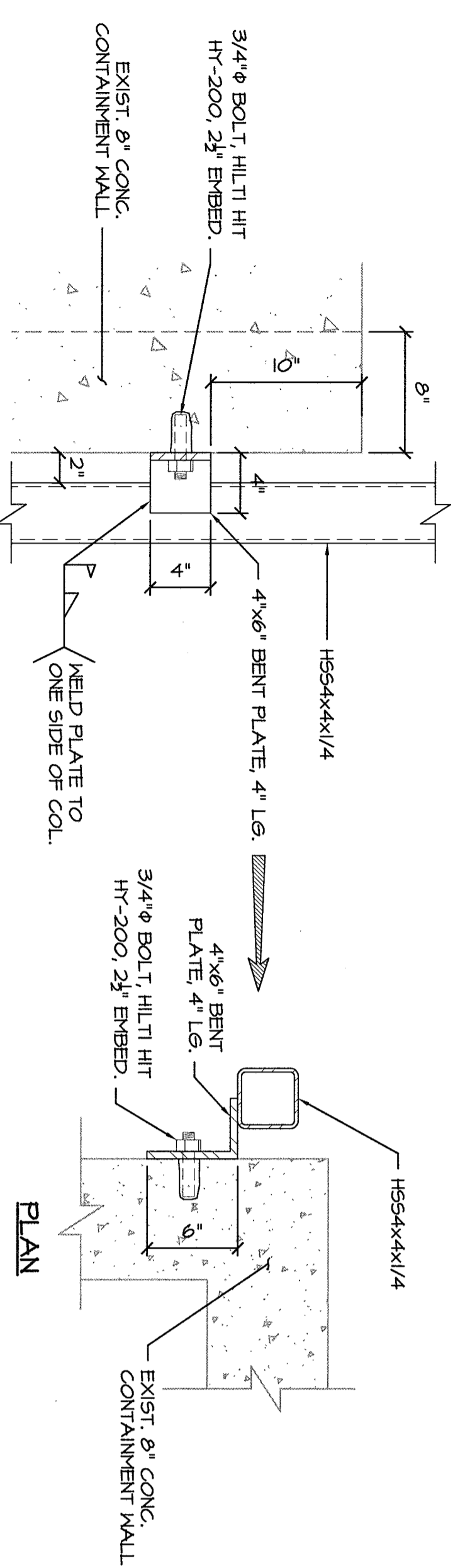
SECTION 1
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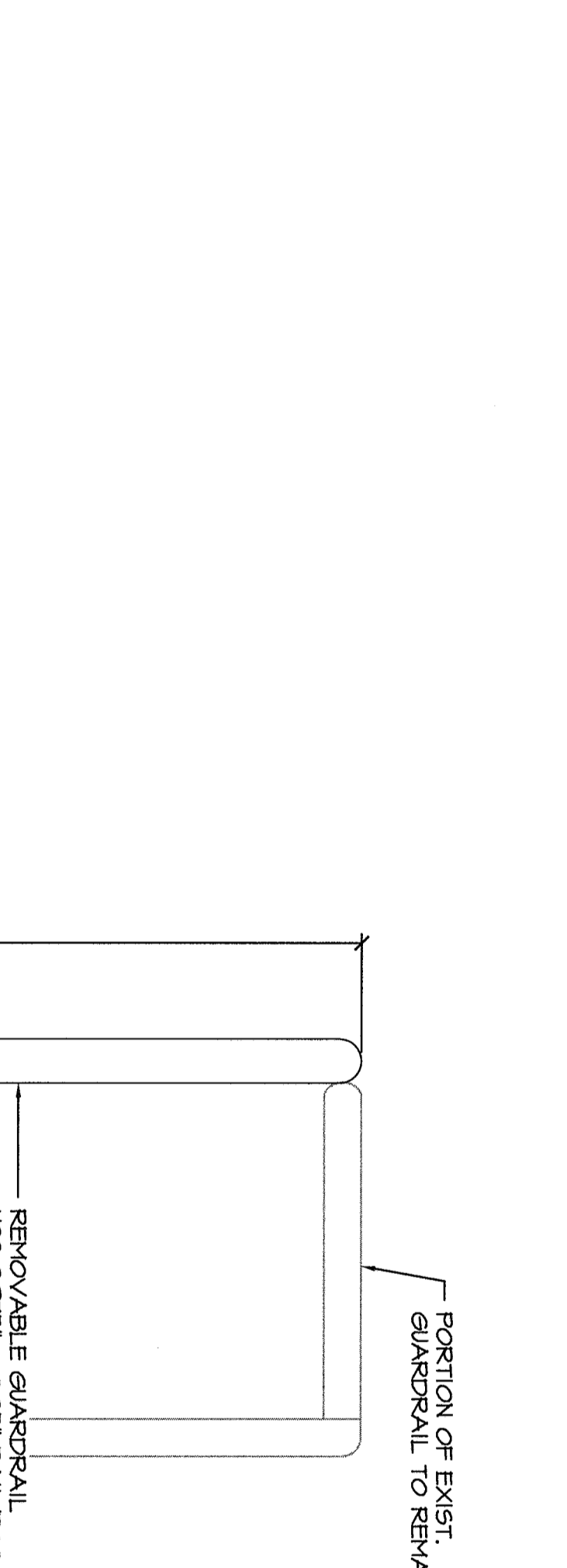
DETAIL A
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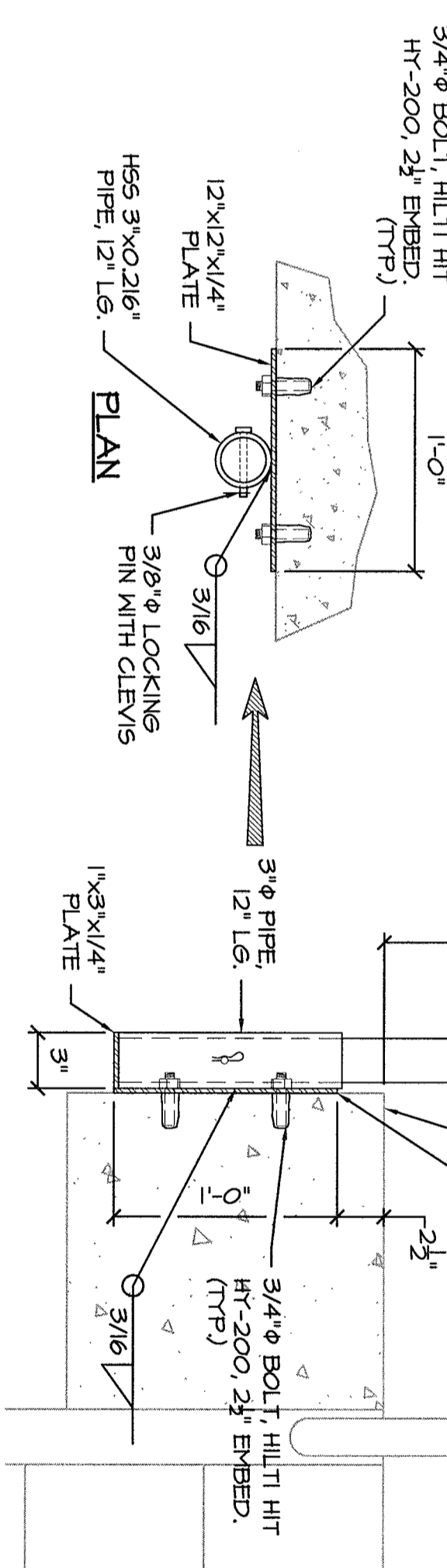
DETAIL B
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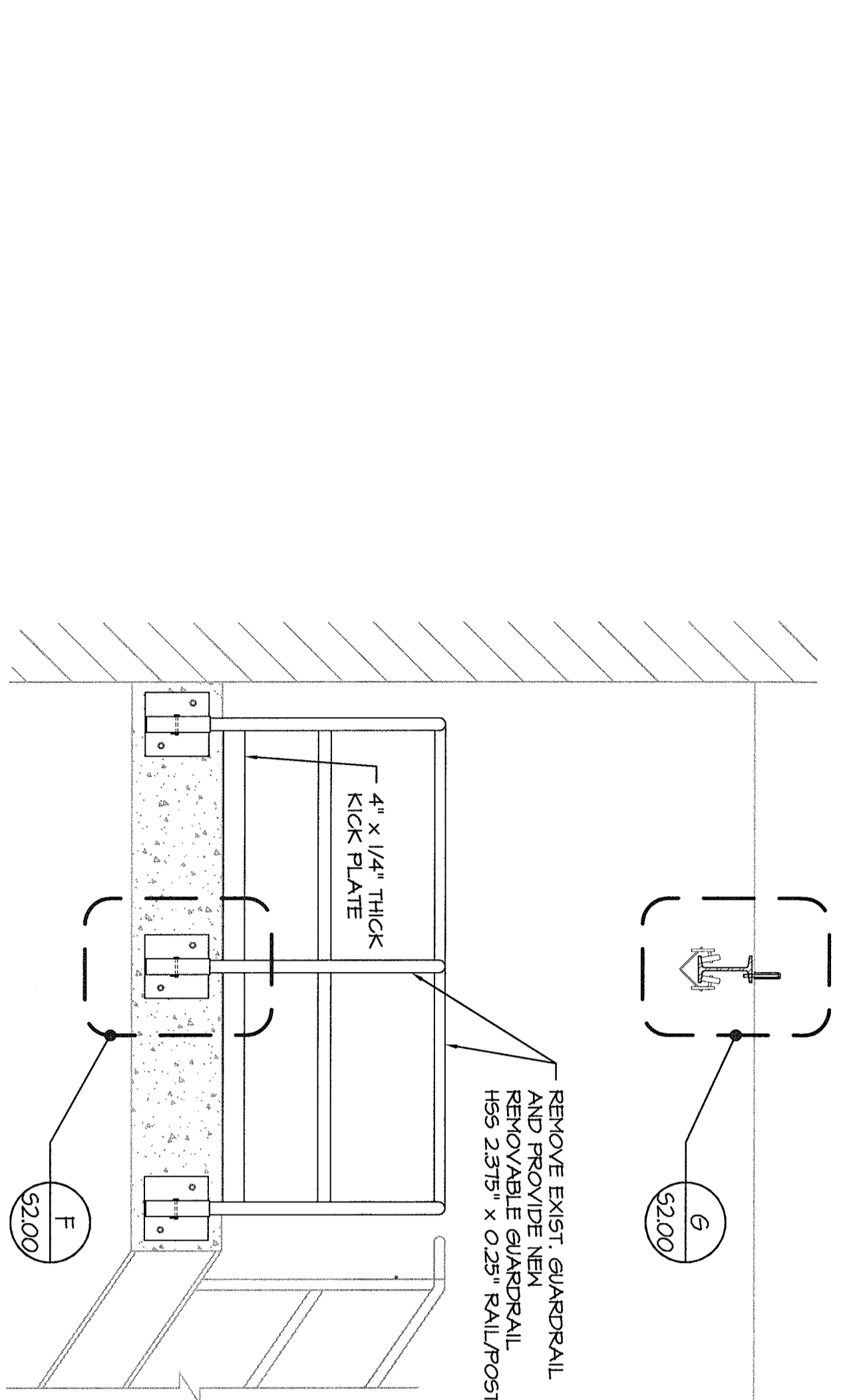
DETAIL C
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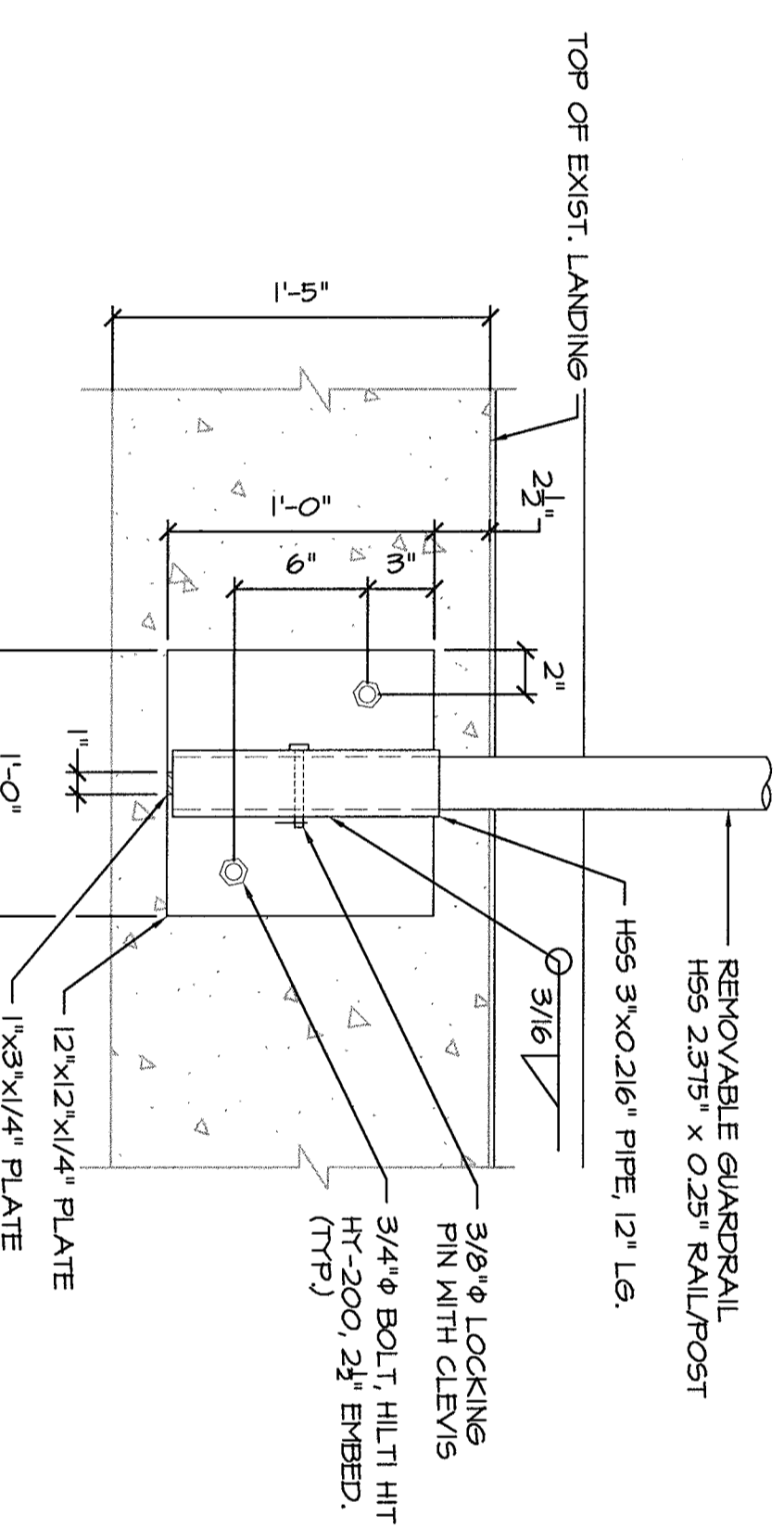
DETAIL D
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S2.00



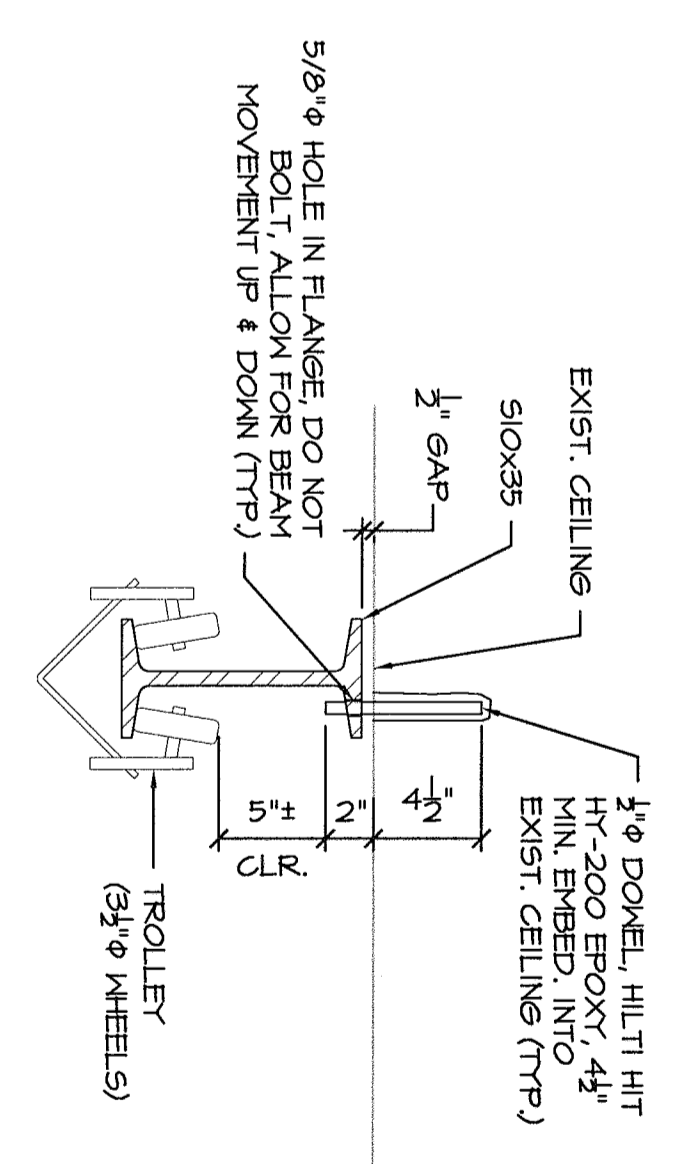
DETAIL E
SCALE: 1/2"=1'-0"
S2.00



ELEVATION 2
SCALE: 1/2"=1'-0"
S2.00



DETAIL F
SCALE: 1/2"=1'-0"
S2.00



DETAIL G
SCALE: 1/2"=1'-0"
S2.00

STRUCTURAL
SECTIONS AND DETAILS

MICHAEL J. ROMIGNONE	
No. 7437	REGISTERED PROFESSIONAL ARCHITECT
Date: September 24, 2015	Drawn by: JDS Proj. Mgr.: MMR
Revisions	Date Description

S2.00