GENERAL STRUCTURAL NOTES

DESIGN CRITERIA:

DESIGN CODE: 2012 IBC

CATWALK LIVE LOAD = 40 PSF

GENERAL PROJECT NOTES

1. ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OR CONSTRUCTION.
2. THE ARCHITECT SHALL BE NOTIFIED IN WRITING OF ANY EXISTING CONDITIONS WHICH DIFFER FROM THOSE SHOWN ON THE CONTRACT DOCUMENTS.
3. THE ENGINEER WILL NOT ACCEPT SHOP DRAWINGS WITHOUT FIRST BEING REVIEWED AND SIGNED BY THE CONTRACTOR. ALL CHANGES SHALL BE FLAGGED AND NOTED AS DEVIATING FROM THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING BUILDING DURING THE EXECUTION OF THE CONTRACT.
5. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE SHORING AND BRACING TO PROTECT THE EXISTING STRUCTURE AND UNFINISHED NEW CONSTRUCTION.

SPECIAL INSPECTIONS:

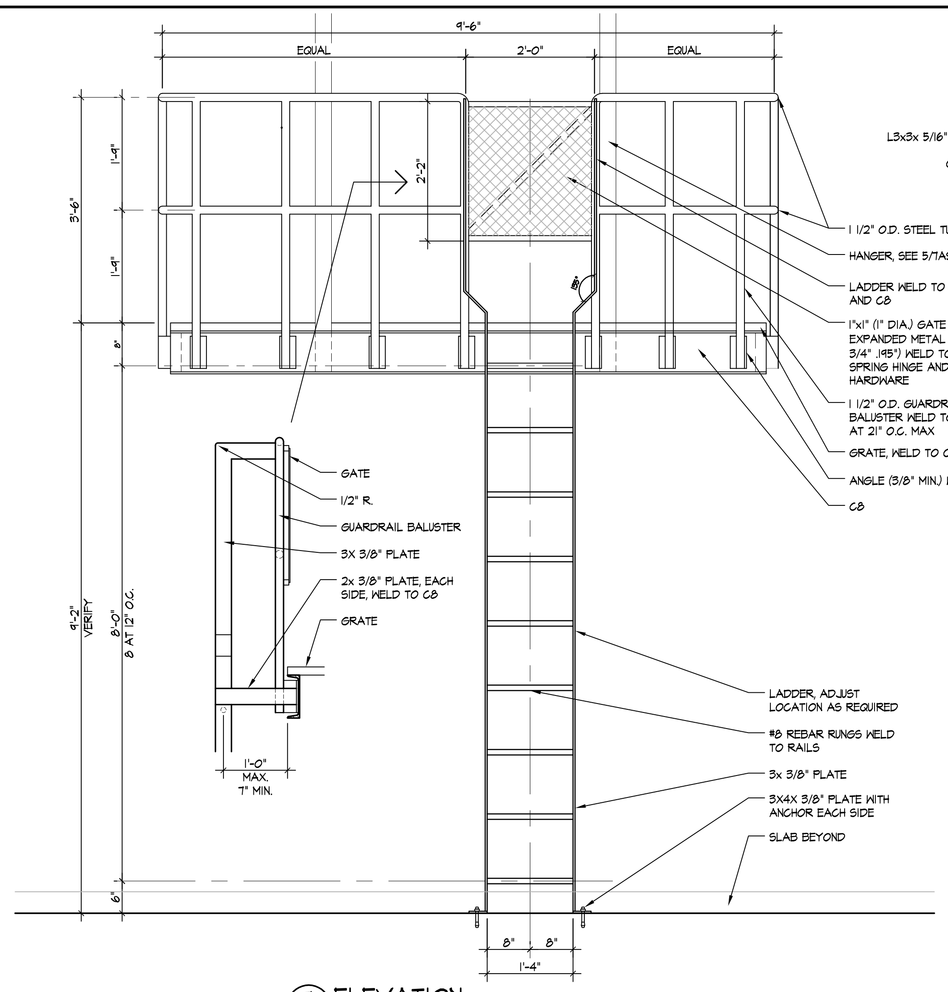
1. PROVIDE SPECIAL INSPECTIONS AS REQUIRED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE FOR THE FOLLOWING: STRUCTURAL WELDING AND HIGH STRENGTH BOLTING.
2. PROVIDE THE SPECIAL INSPECTOR 48 HOURS PRIOR NOTICE FOR THE SPECIAL INSPECTIONS.

STRUCTURAL STEEL:

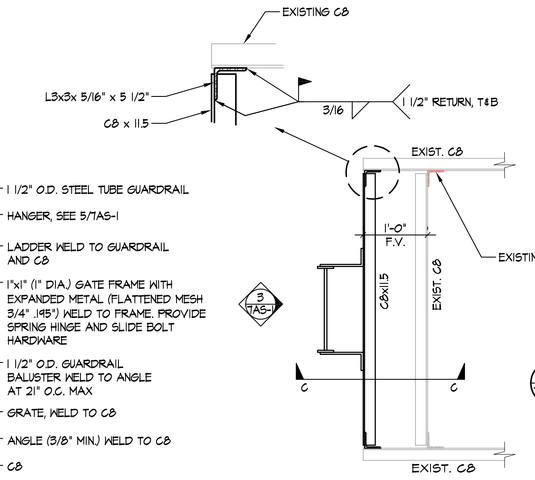
1. STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL BUILDINGS" AND THE "CODE OF STANDARD PRACTICE", LATEST EDITIONS.
2. CHANNELS, ANGLES AND PLATE MATERIAL SHALL BE ASTM A36.
3. ALL STRUCTURAL PIPES SHALL BE ASTM A53, GRADE B, FY = 35 KSI.
4. ALL STRUCTURAL STEEL BOLTS SHALL BE 3/4" DIAMETER ASTM A325N IN BEARING TYPE CONNECTIONS UNLESS NOTED OTHERWISE.
5. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS D.1.1, LATEST EDITION.
6. ALL WELDS SHALL BE MADE WITH E70 ELECTRODES.
7. ALL STRUCTURAL STEEL, INCLUDING LADDERS, GUARDRAILS AND GRATING, SHALL BE HOT DIP GALVANIZED.
8. STANDARD AISC CONNECTIONS SHALL BE USED UNLESS SHOWN OTHERWISE. NO CONNECTION SHALL HAVE LESS THAN TWO BOLTS OR AN EQUIVALENT WELD.
9. GALVANIZED STEEL SHALL BE SURFACE PREPARED BY CAUSTIC CLEANING, ACID PICKLING, AND FLUXING, AND SHALL BE HOT DIP GALVANIZED ACCORDING TO ASTM A123, "STANDARD SPECIFICATION FOR ZINC (HOT DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS".
10. ALL LADDERS SHALL BE BOLTED TO FRAMING MEMBERS, OR ANCHORED TO CONCRETE WITH 5/8" DIAMETER EXPANSION ANCHORS EMBEDDED 4" INTO THE CONCRETE.
11. ALL METAL GRATING AND GRATING TREADS SHALL COMPLY WITH THE SPECIFICATIONS OF THE NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS.
12. WELDED STEEL GRATING SHALL HAVE 1" X 1/8" BEARING BARS AT 1 3/16" O.C., AND CROSS BARS AT 4" O.C. UNLESS NOTED OTHERWISE. ALL GRATING PANELS SHALL BE POSITIVELY ATTACHED TO SUPPORTS BY WELDING OR SADDLE CLIPS.
13. ALL GRATING BEARING AND CROSS BARS SHALL BE IN LINE.
14. BAND ALL EXPOSED EDGES OF GRATING, EXCEPT AT SUPPORTS WHERE GRATING ABUTS CONCRETE, STEEL OR ADJACENT GRATING PANEL. BAND EDGES AT ALL BLOCKOUTS. ALL REMOVABLE GRATING PANELS SHALL BE BANDED.
15. THE CONTRACTOR SHALL SUBMIT STRUCTURAL STEEL AND GRATING SHOP DRAWINGS TO THE ARCHITECT.

DEMOLITION:

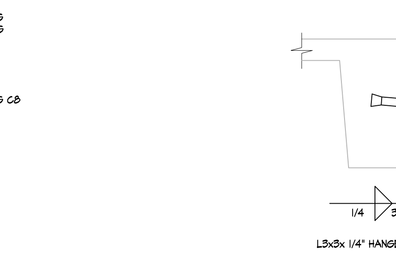
1. PRIOR TO REMOVAL OF THE EXISTING SUPPORTING STRUCTURE, ADEQUATELY SHORE THE EXISTING PORTIONS SO THAT NO MOVEMENT OCCURS. MAINTAIN THE EXISTING LINES AND ELEVATIONS AFTER PERMANENT SUPPORTS ARE IN PLACE.



7 TAS-1 ELEVATION
SCALE: 3/4" = 1'-0"

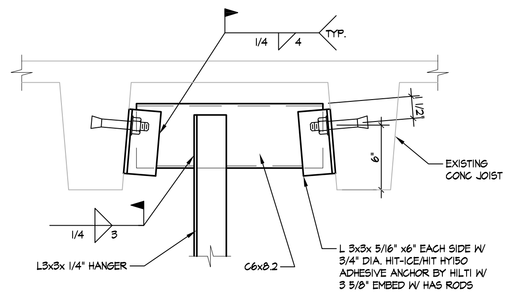


PLAN
3/4" = 1'-0"

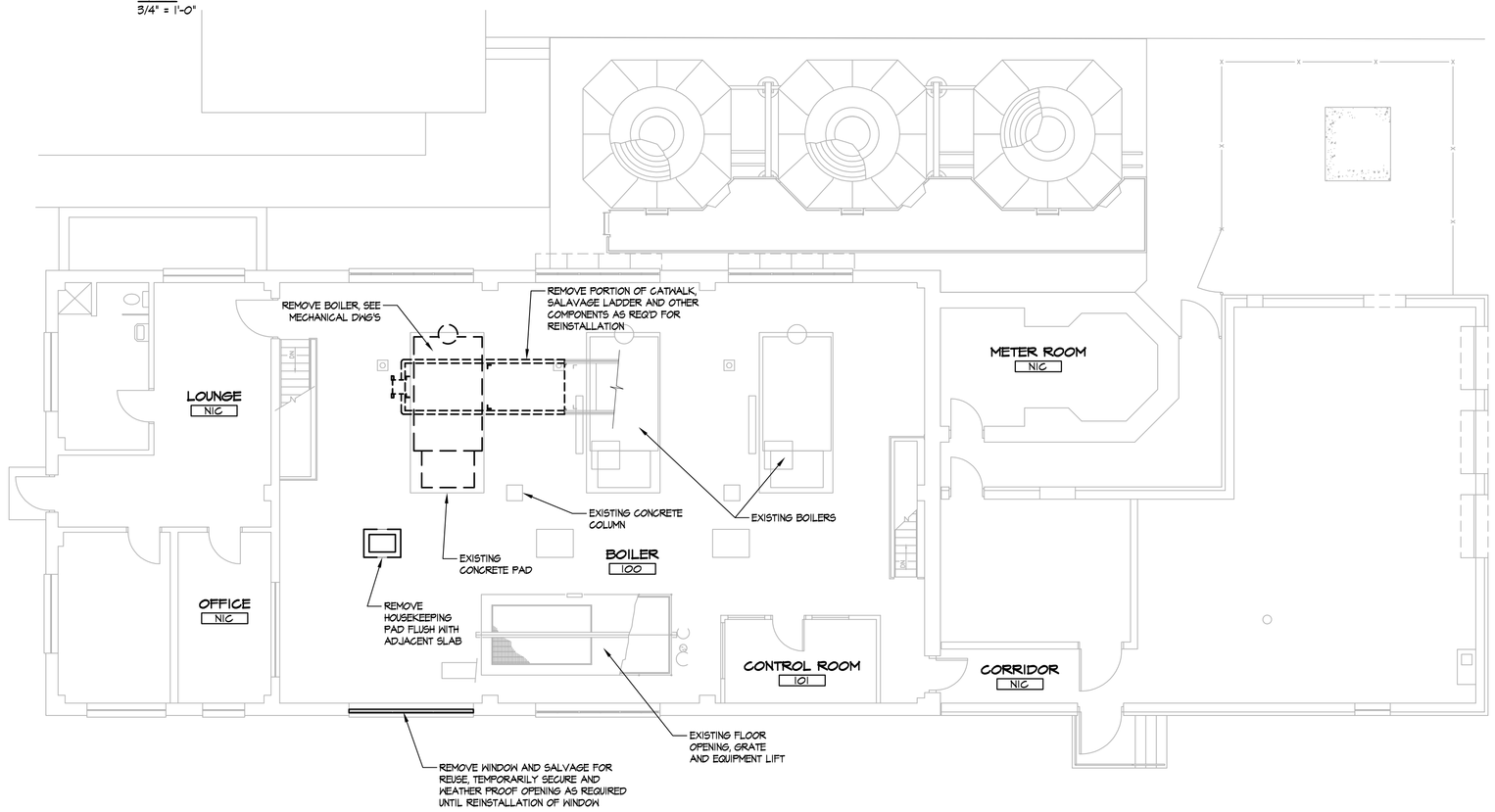


SECTION C-C

6 TAS-1 FRAMING DETAIL
SCALE: 1 1/2" = 1'-0"



5 TAS-1 FRAMING DETAIL
SCALE: 1 1/2" = 1'-0"



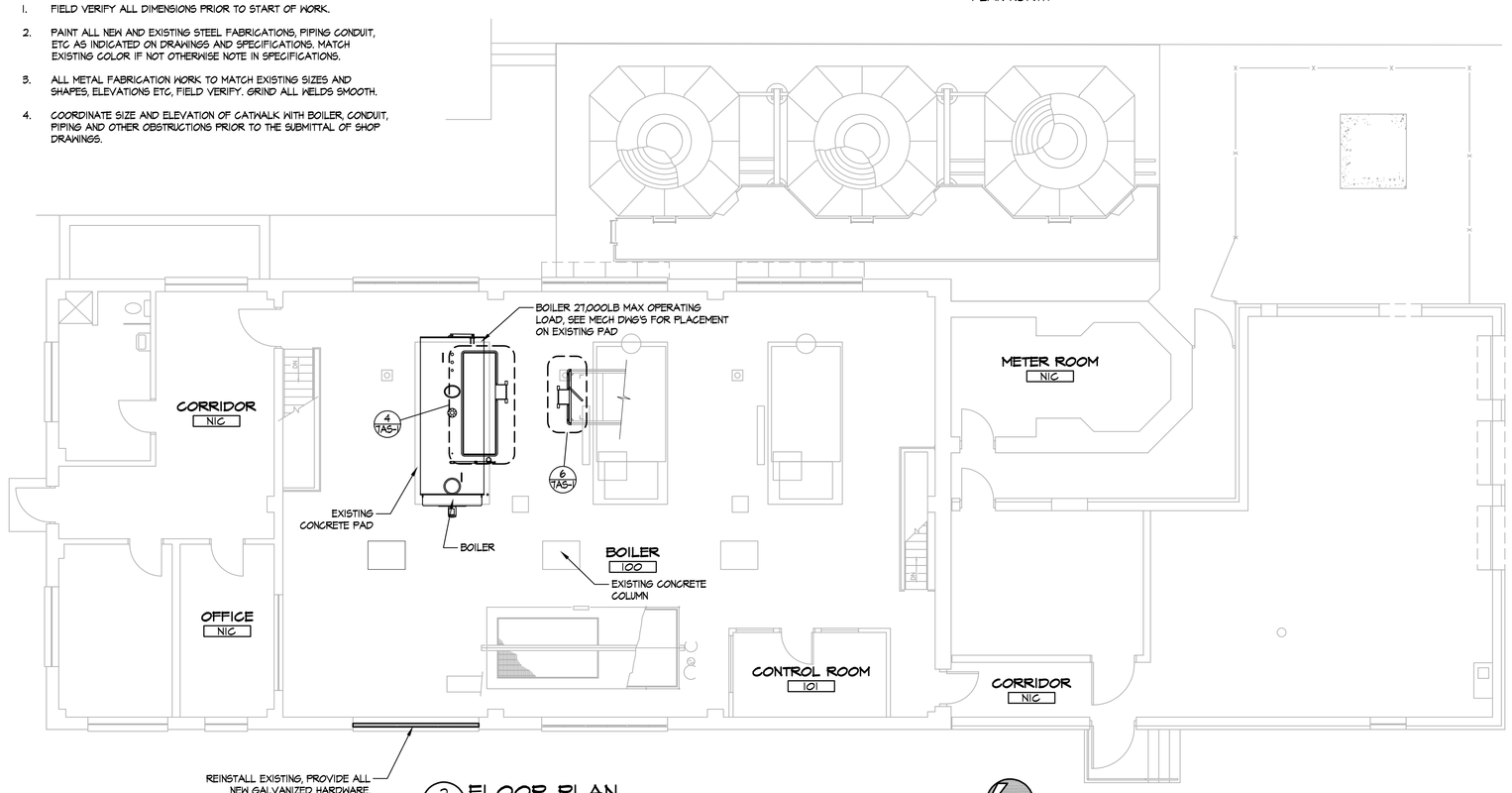
1 TAS-1 DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH

GENERAL NOTES:

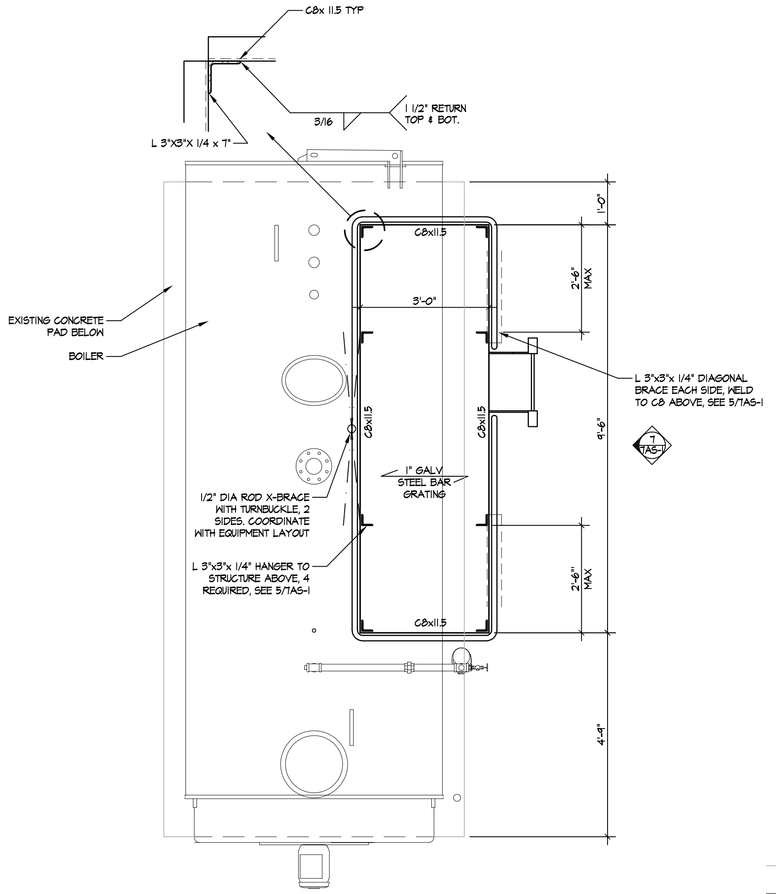
DRAWINGS BASED ON LIMITED FIELD VERIFICATION, ADJUST WORK AS REQUIRED TO ACCOMODATE DESIGN INTENT. CONTACT ARCHITECT FOR DIRECTION IF FIELD CONDITIONS VARY.

1. FIELD VERIFY ALL DIMENSIONS PRIOR TO START OF WORK.
2. PAINT ALL NEW AND EXISTING STEEL FABRICATIONS, PIPING CONDUIT, ETC AS INDICATED ON DRAWINGS AND SPECIFICATIONS. MATCH EXISTING COLOR IF NOT OTHERWISE NOTE IN SPECIFICATIONS.
3. ALL METAL FABRICATION WORK TO MATCH EXISTING SIZES AND SHAPES, ELEVATIONS ETC, FIELD VERIFY. GRIND ALL WELDS SMOOTH.
4. COORDINATE SIZE AND ELEVATION OF CATWALK WITH BOILER, CONDUIT, PIPING AND OTHER OBSTRUCTIONS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS.

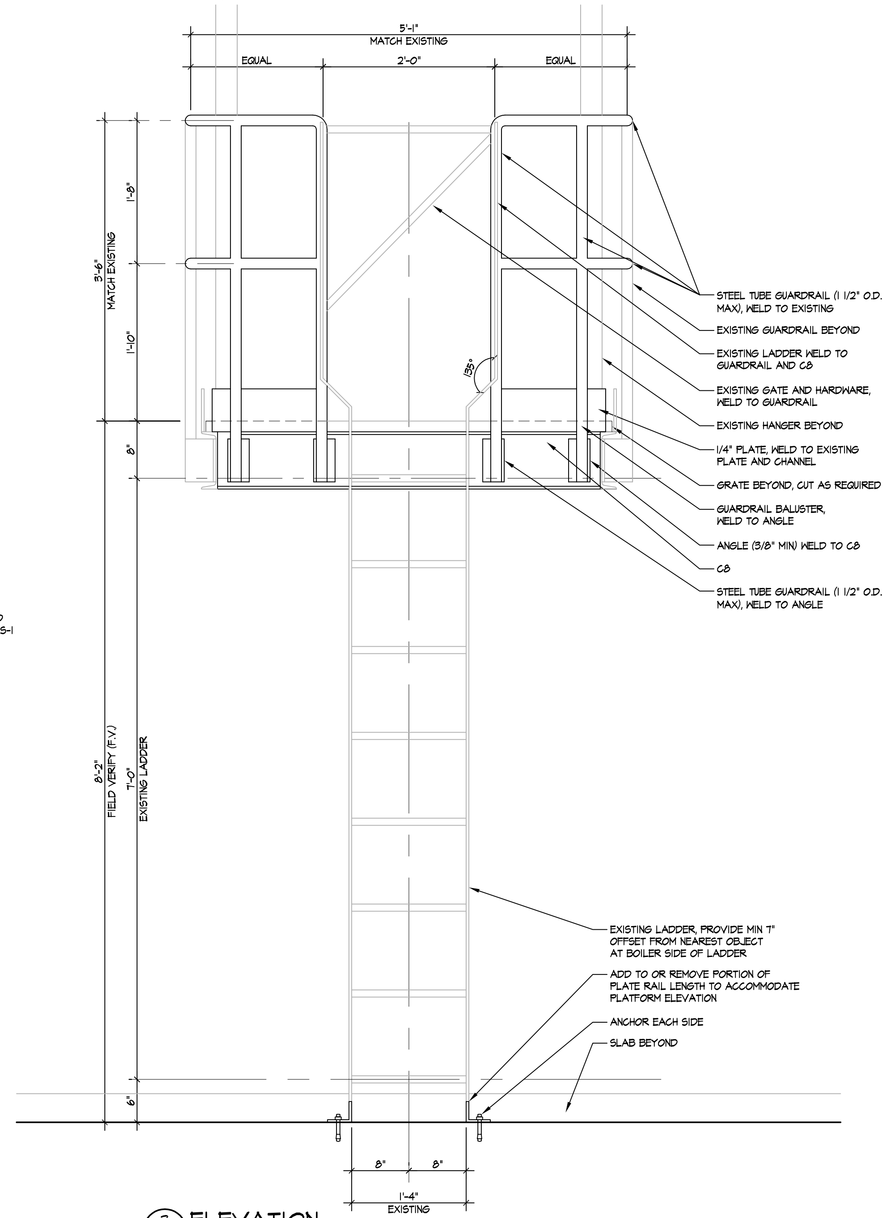


2 TAS-1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH



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



3 TAS-1 ELEVATION
SCALE: 1" = 1'-0"

Revisions:	Date

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IMPORTANT CONTRACTOR'S NOTE

1. ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTOR SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW ENTIRE SET OF DOCUMENTS.
2. ANY USE OF THESE ELECTRONIC DRAWINGS OR SCALING OF THE PRINTED DOCUMENTS ARE DONE SO AT THE CONTRACTORS RISK.

REGISTERED PROFESSIONAL ARCHITECT CALVIN L. HINZ A-1793 STATE OF NEBRASKA

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Drawing Title	ARCHITECTURAL - DEMOLITION AND FLOOR PLANS
Approved Project Director	KEVIN HUTSELL
CONTRACT DOCUMENTS (CD-1) SUBMITTAL 100% APRIL 19, 2012	
Project Title	RENOVATE STEAM SYSTEM PHASE 1
Location	VAMC Grand Island, Nebraska
Date	APRIL 19, 2012
Checked	CLH
Drawn	
Project Number	636-12-110
Building Number	7
Drawing Number	7AS-1
Dwg. 3 of 12	

Office of Construction and Facilities Management

Department of Veterans Affairs

P:\Projects - Active\2012-06 VA GI Boiler (Renovate Steam System)\CDs\12-06 A2.1.dwg 4-20-12 07:36:07 AM mkearney

VA FORM 08-6231