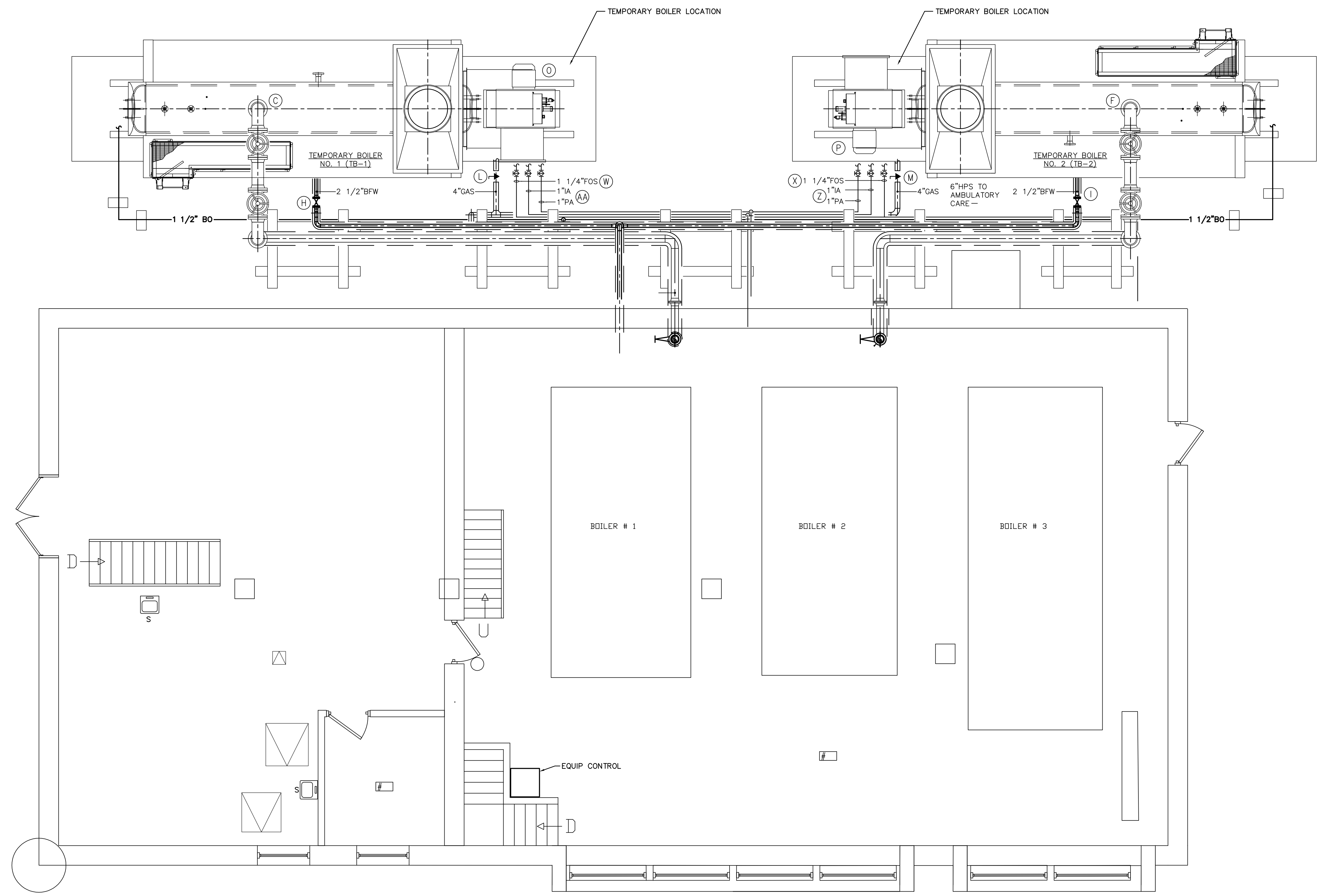
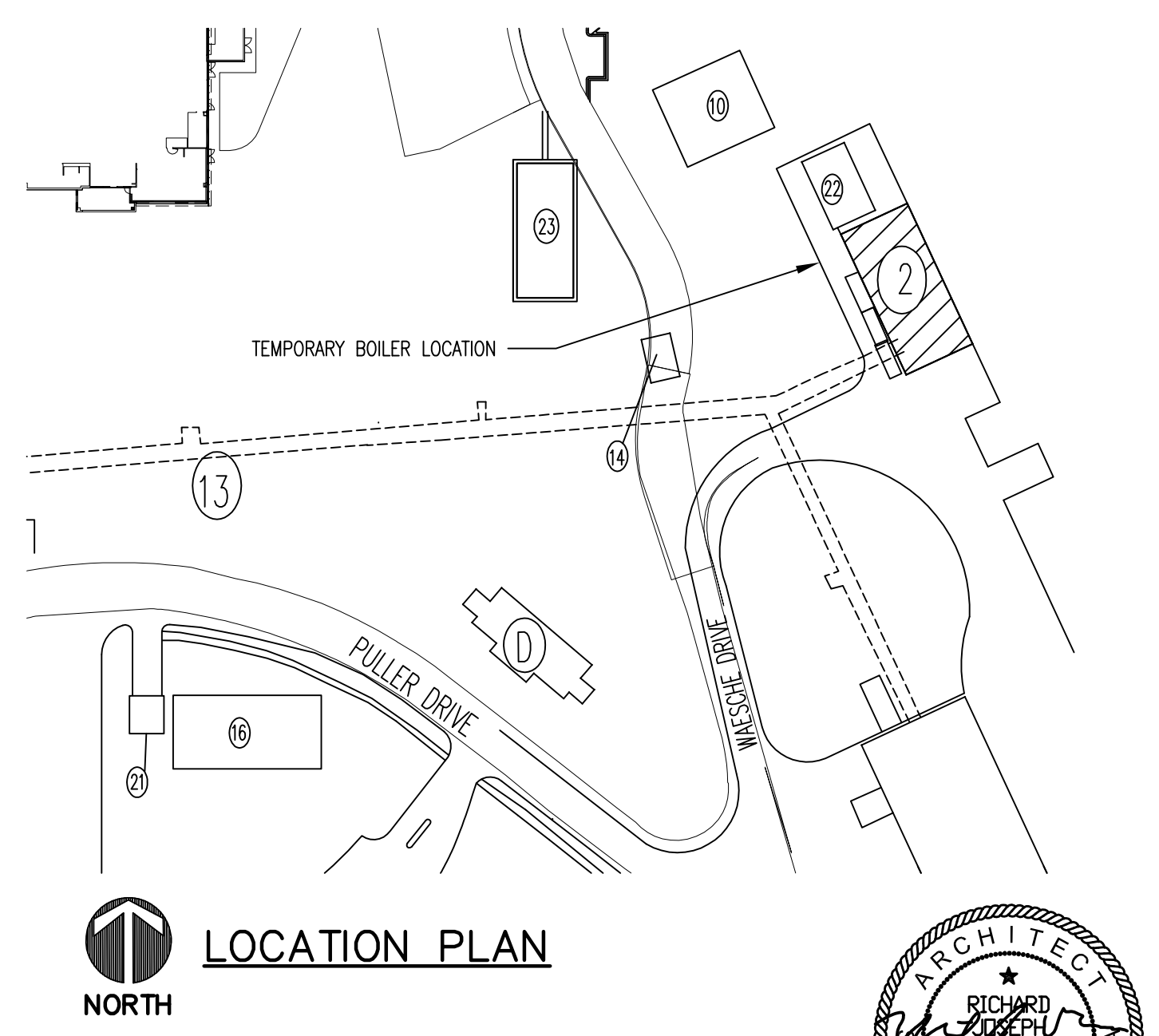


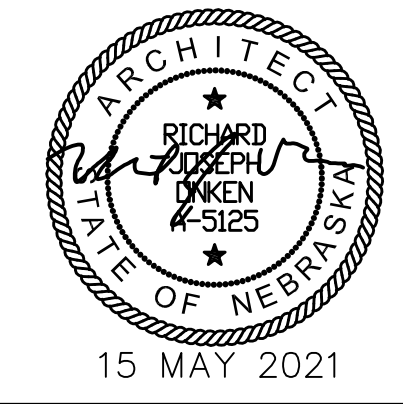
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1 TEMPORARY BOILER TRAILERS INSTALLATION PLAN
SCALE: 1/4"=1'-0"

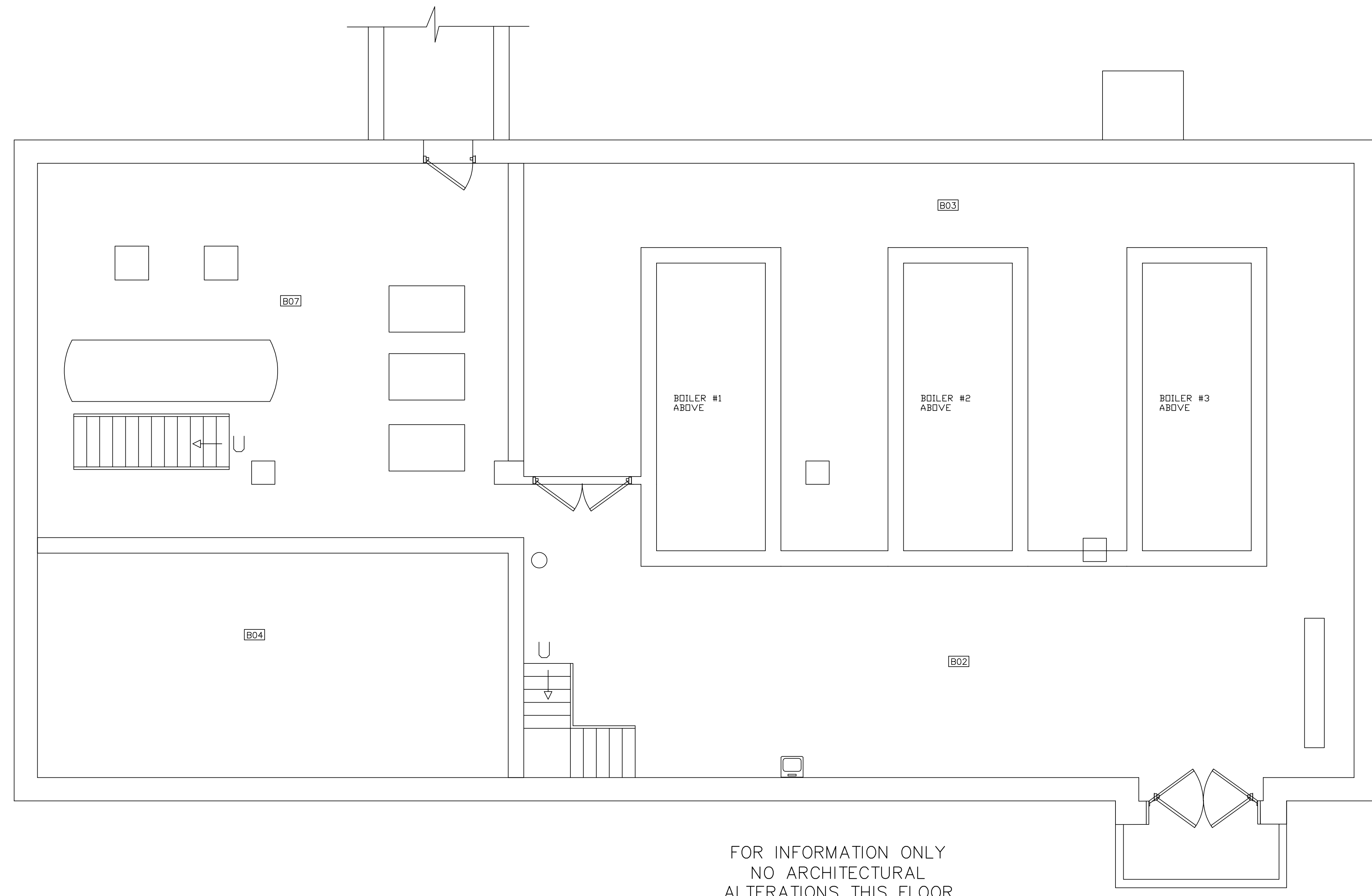


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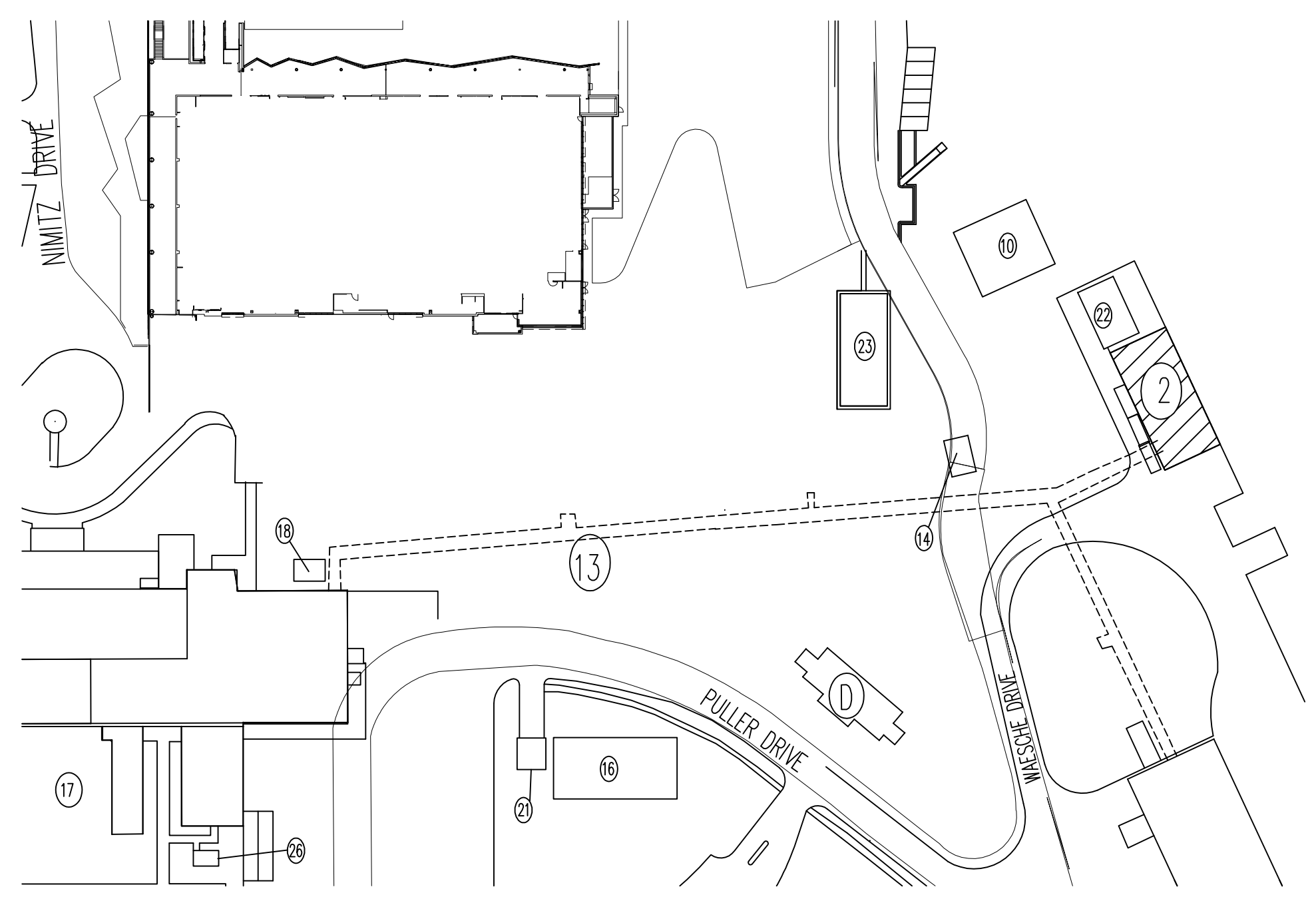
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Number	Description	Date																									

one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
one inch = one foot
three quarters inch = one foot
one and one half inches = one foot
three inches = one foot



FOR INFORMATION ONLY
NO ARCHITECTURAL
ALTERATIONS THIS FLOOR

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



LOCATION PLAN

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Revisions	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

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www.s3pc.com

CLH Calvin L. Hinz ARCHITECTS PC
3705 North 200th Street
Elkhorn, Nebraska 68022
(402) 291-6941
NO: 18-013

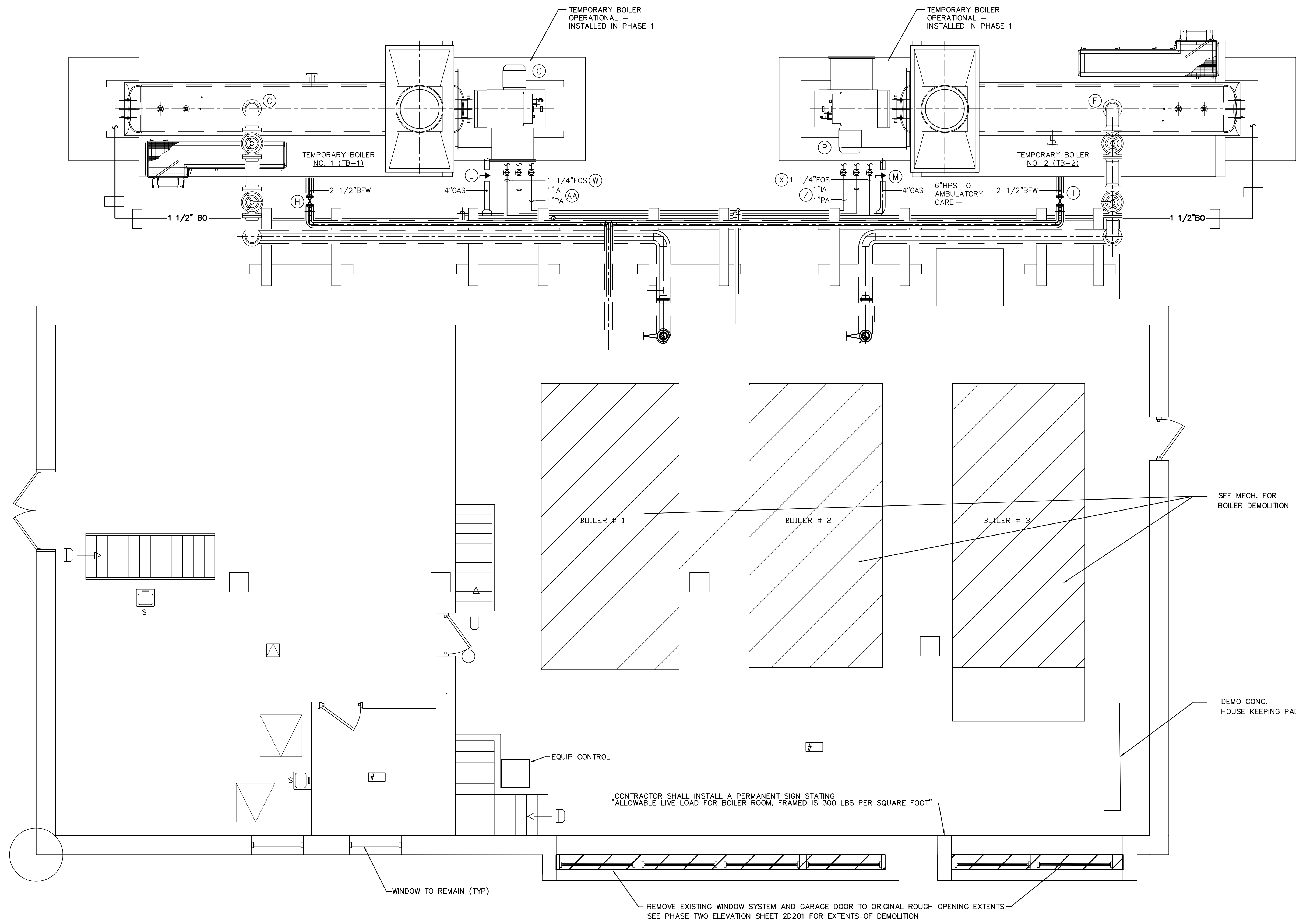
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Approved Project Director

Project Title VAMC OMAHA - UPDATE VAMC -UPGRADE WATER SCHEMATICS	Project Number 636-19-301
Location OMAHA, NE	Building Number 2
Date 05-14-2021	Checked GLG
Drawn TJF	Drawing Number 2D100
Dwg. of	

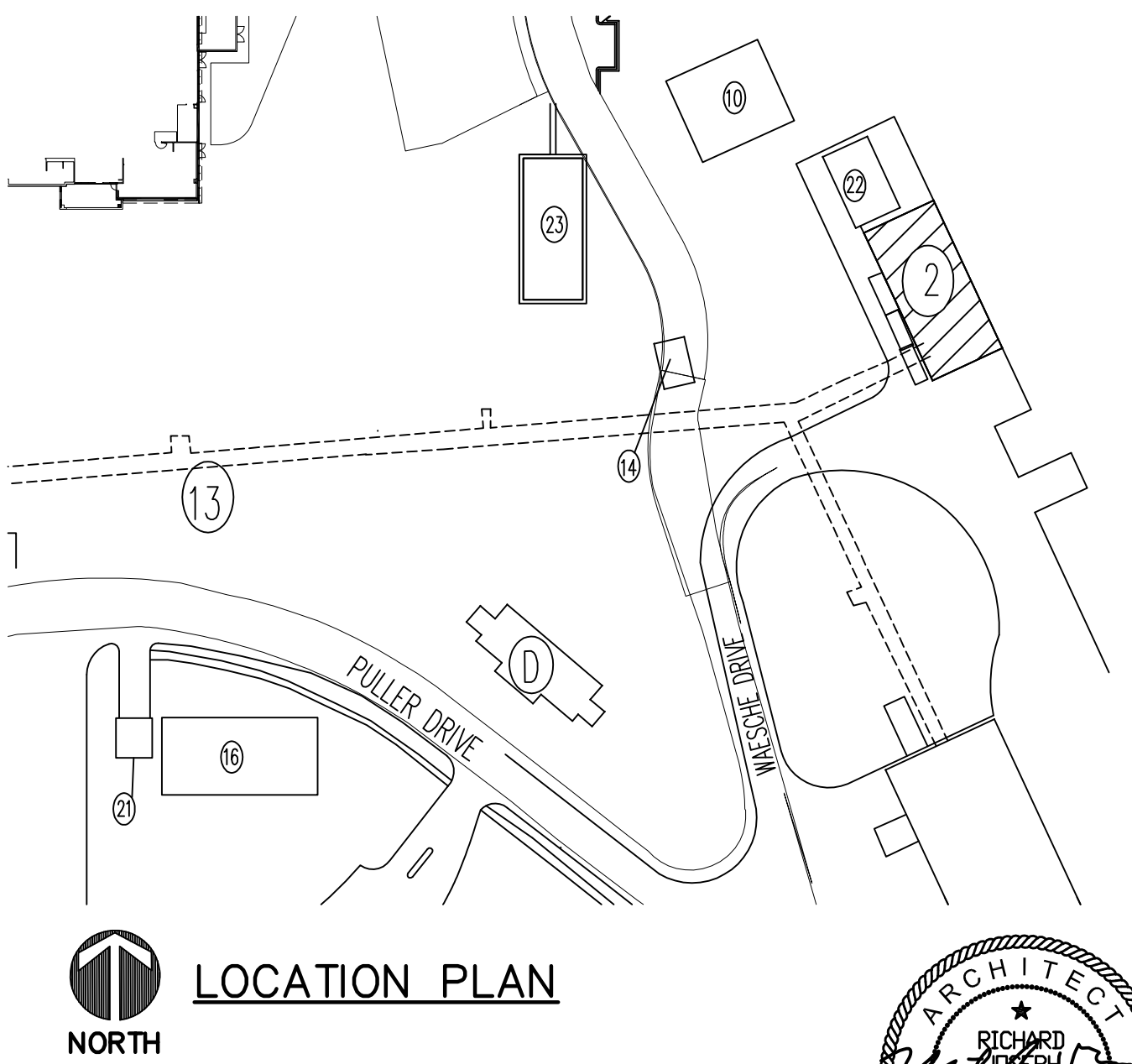
**Office of
Construction
and Facilities
Management**

Department of
Veterans Affairs

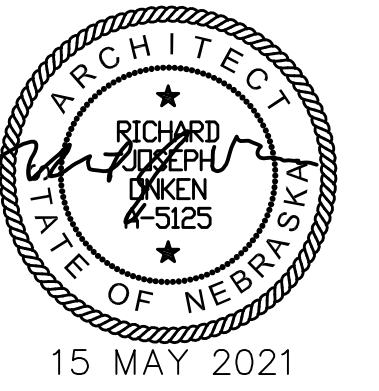
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 two inches = one foot
 three quarters inch = one foot
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 two inches = one foot
 three quarters inch = one foot
 three quarters inch = one foot
 one inch = one foot
 one and one half inches = one foot
 two inches = one foot
 three quarters inch = one foot
 three quarters inch = one foot
 one inch = one foot
 one and one half inches = one foot
 two inches = one foot



1 FIRST FLOOR DEMOLITION
 SCALE: 1/4\"=1'-0\"
 NORTH



100% CD SUBMITTAL



Revisions	Date

CONSULTANTS:	

ARCHITECT/ENGINEERS:

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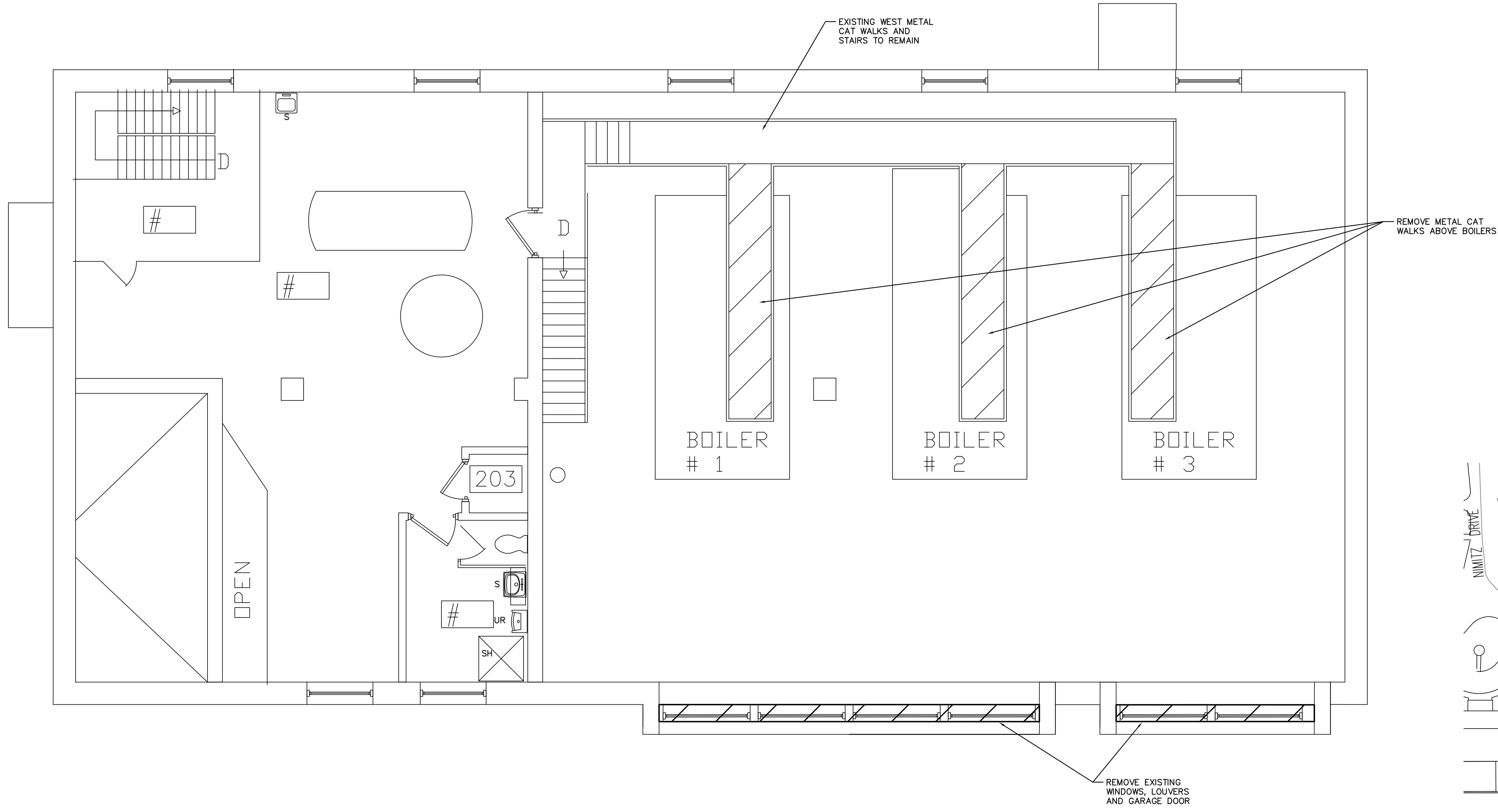
CLH
 Calvin L. Hinz
 ARCHITECT
 CLH PROJECT
 3705 North 200th Street
 Elkhorn, Nebraska 68022
 (402) 291-6941

Drawing Title	PHASE TWO - DEMOLITION - FIRST FLOOR
Approved Project Director	

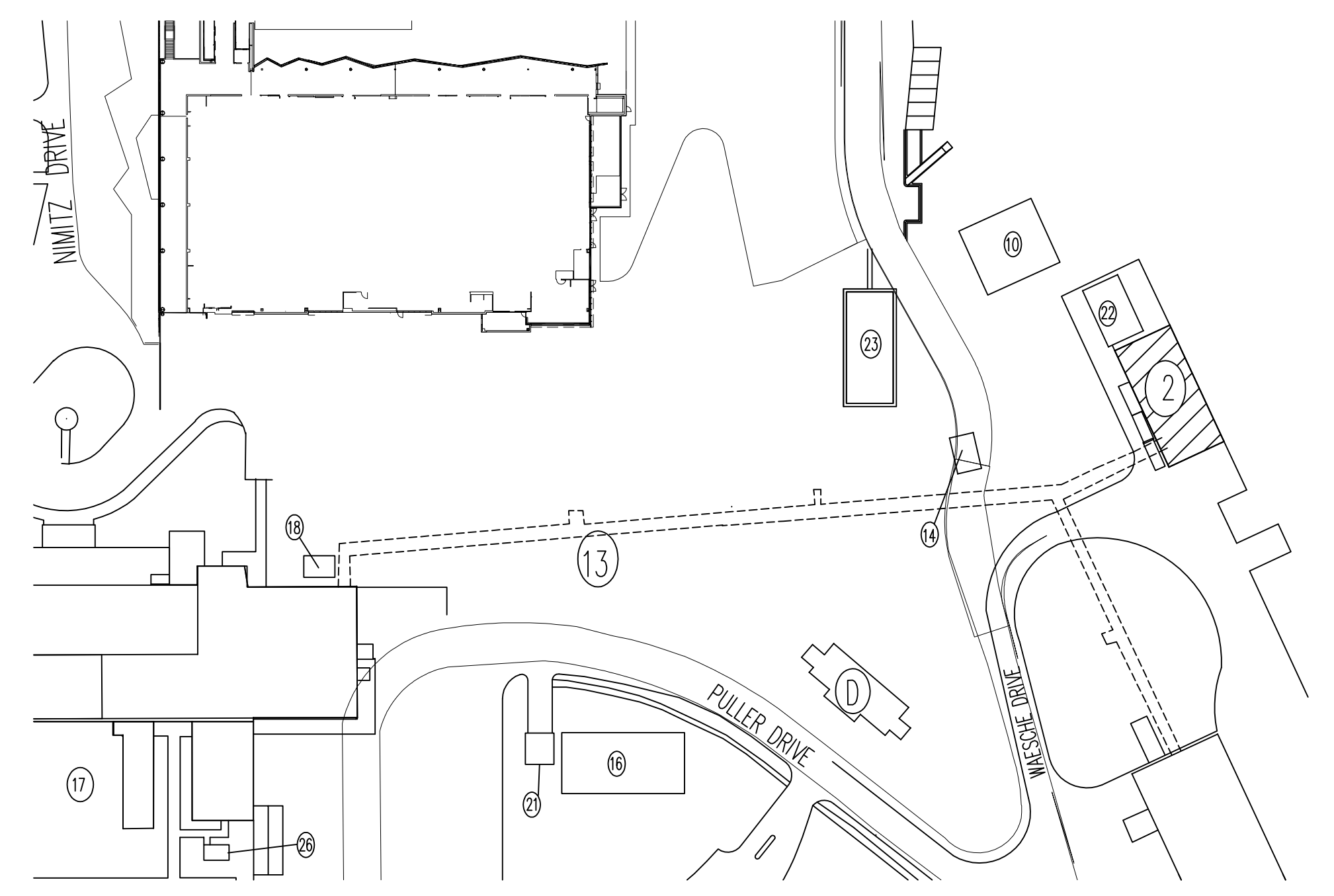
Project Title	CORRECT MECHANICAL DEFICIENCIES - VAMC OMAHA
Project Number	636-19-301
Building Number	BUILDING 2
Drawing Number	2D101
Date	05-14-2021
Checked	GLG
Drawn	TJF
Dwg. of	

Office of Construction and Facilities Management
 Department of Veterans Affairs

three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

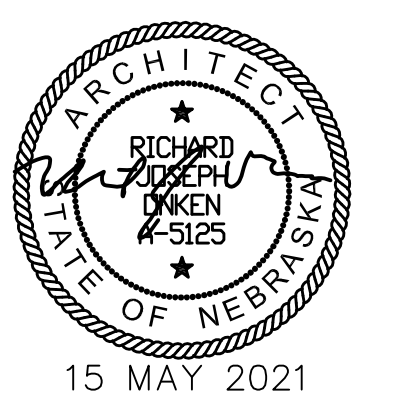


1 SECOND FLOOR PLAN
 SCALE: 1/4"=1'-0"
 NORTH



NORTH
 LOCATION PLAN

100% CD SUBMITTAL



Revisions	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

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 Elkhorn, Nebraska 68022
 NO: 18-013
 (402) 291-6941

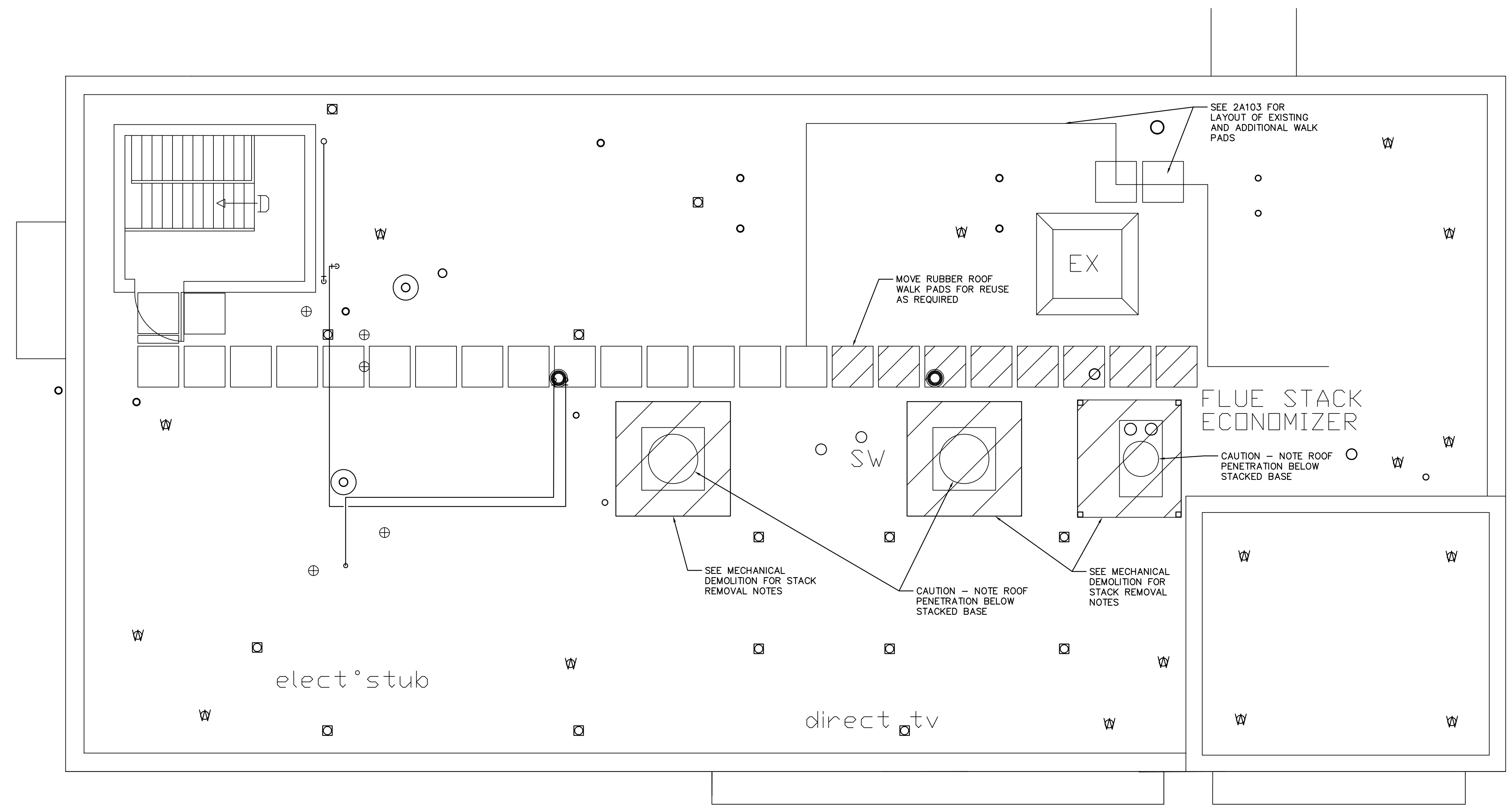
Drawing Title	PHASE TWO - DEMOLITION - SECOND FLOOR PLAN
Approved Project Director	

Project Title	CORRECT MECHANICAL DEFICIENCIES VAMC OMAHA
Project Number	636-19-301
Building Number	2
Drawing Number	2D102
Date	05-14-2021
Checked	GLG
Drawn	TJF
Dwg. of	

Office of Construction and Facilities Management
 Department of Veterans Affairs

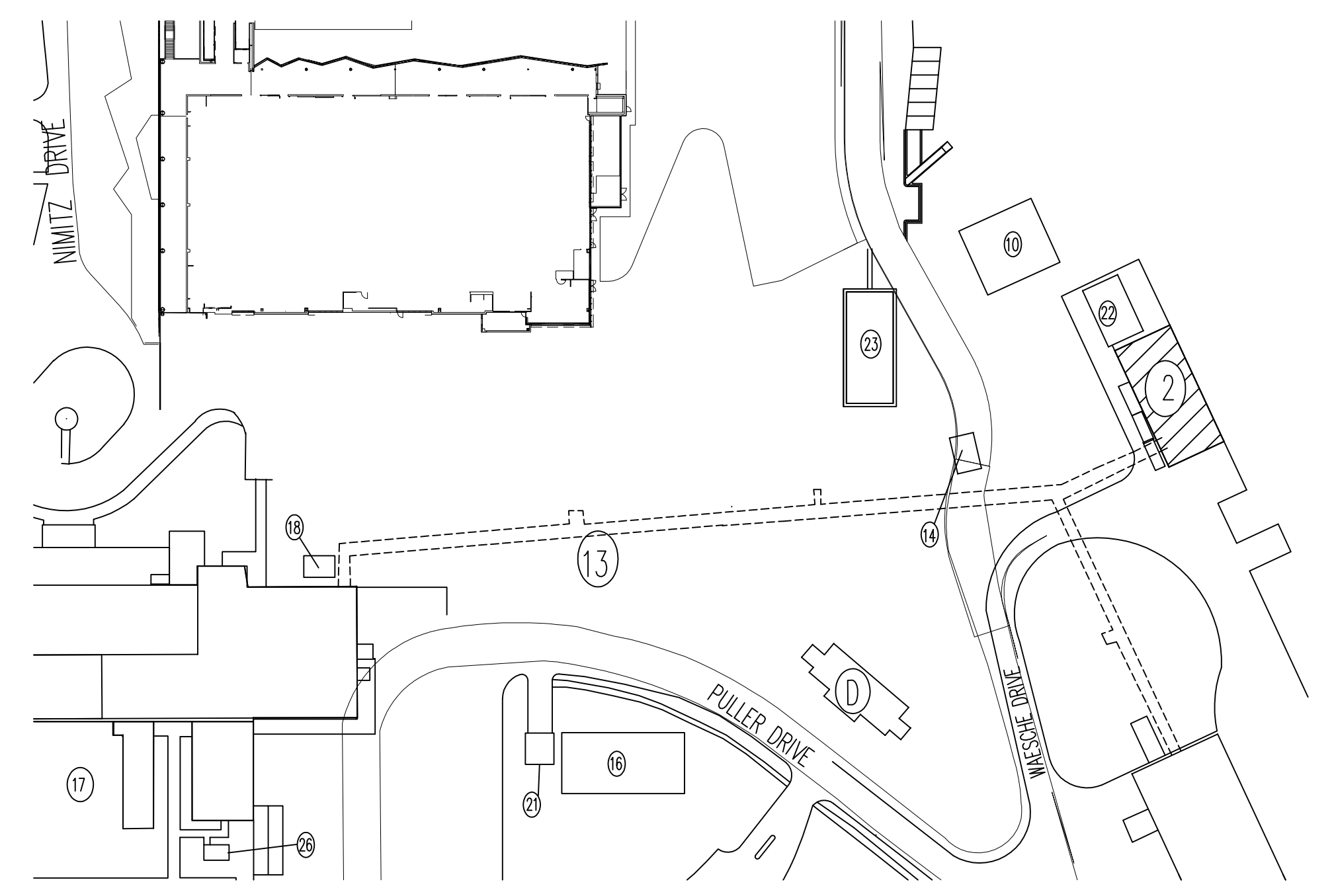
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one eighth inch = one foot

A
B
C
D
E
F

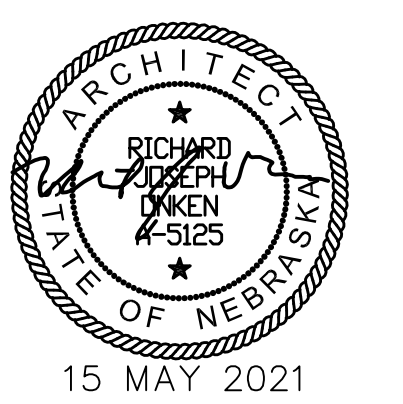


- ⊙ RAIN CAPPED VTR
- TALL VTR
- ↓ OVER HEAD PIPING
- TALL VTR
- W WIND SMART DETECTOR
- ⊕ COVERED VTR
- ROOF DRAIN
- 4 1/2" VTR
- ▣ ABANDONED STR SUPPORT BASE

1 ROOF PLAN -- DEMOLITION
SCALE: 1/4"=1'-0"
NORTH



NORTH
LOCATION PLAN



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Revisions Date 	CONSULTANTS: 	ARCHITECT/ENGINEERS: 	FARRIS ENGINEERING OMAHA LINCOLN SIDNEY COLORADO SPRINGS farris-usa.com FEI #: 182047 <small>This document and the information contained may not be reproduced or excerpted from without the express written permission of Farris Engineering, Inc. Unauthorized copying, disclosure or construction use are prohibited by the copyright law.</small>	S3 SHAFER STEVENS SCHAAP STRUCTURAL ENGINEERS 9910 North 48th Street, Ste 204, Omaha, NE 68152 402.455.7698 www.s3pc.com	CLH Calvin L. Hinz ARCHITECTS 3705 North 200th Street Elkhorn, Nebraska 68022 (402) 291-6941 <small>NO: 18-013</small>	Project Title PHASE TWO - DEMOLITION - ROOF PLAN Approved Project Director	Project Title CORRECT MECHANICAL DEFICIENCIES VAMC OMAHA Location OMAHA, NE Date 05-14-2021 Checked GLG Drawn TJF	Project Number 636-19-301 Building Number 2 Drawing Number 2D103 Dwg. of	Office of Construction and Facilities Management Department of Veterans Affairs
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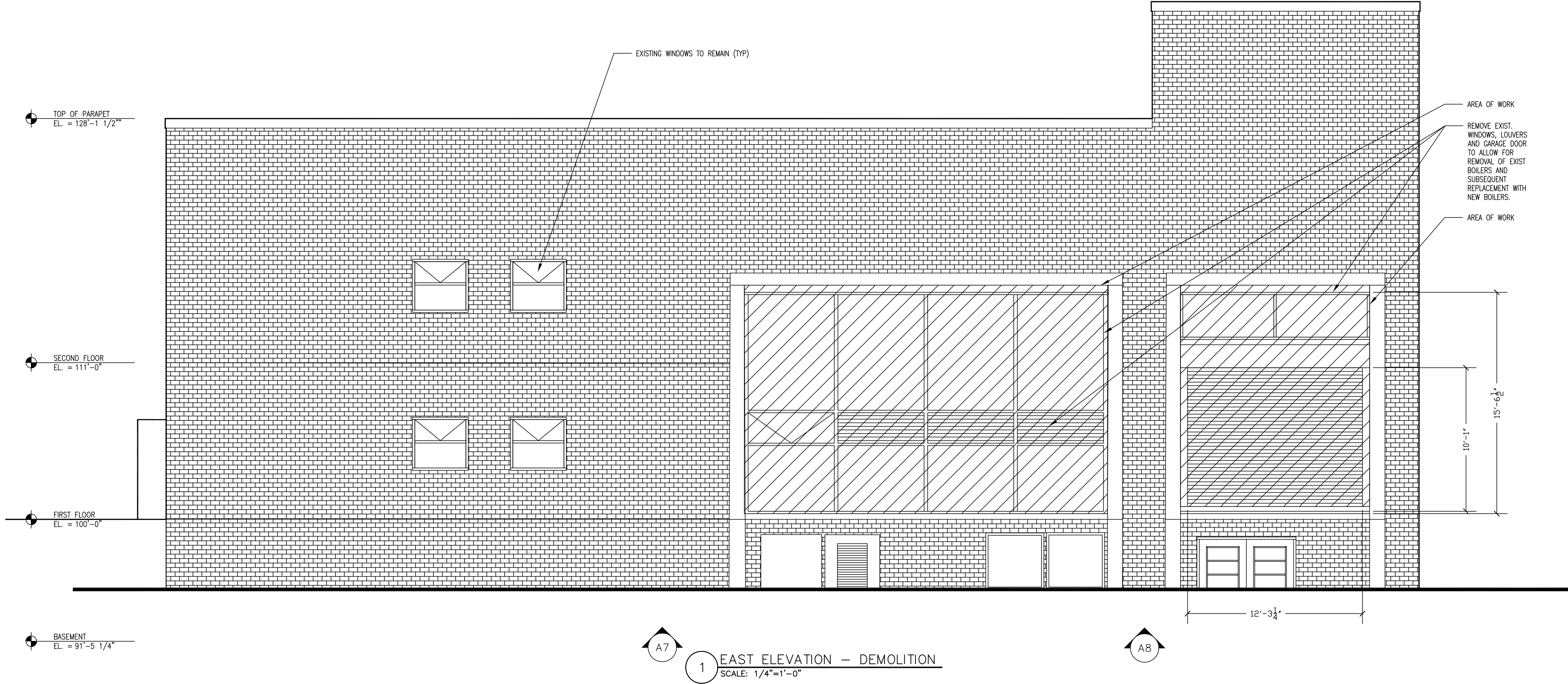
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one inch = one foot
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one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



A7 EXISTING CONDITION ALONG EAST WALL
N.T.S.

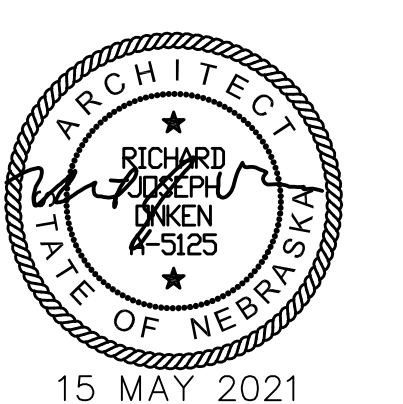


A8 EXISTING CONDITION ALONG EAST WALL
N.T.S.



1 EAST ELEVATION - DEMOLITION
SCALE: 1/4"=1'-0"

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15 MAY 2021

Revisions	Date

CONSULTANTS:	

ARCHITECT/ENGINEERS:

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CLH CALVIN L. HINZ
ARCHITECT
3705 North 200th Street
Elkhorn, Nebraska 68022
NO: 18-013
(402) 291-6941

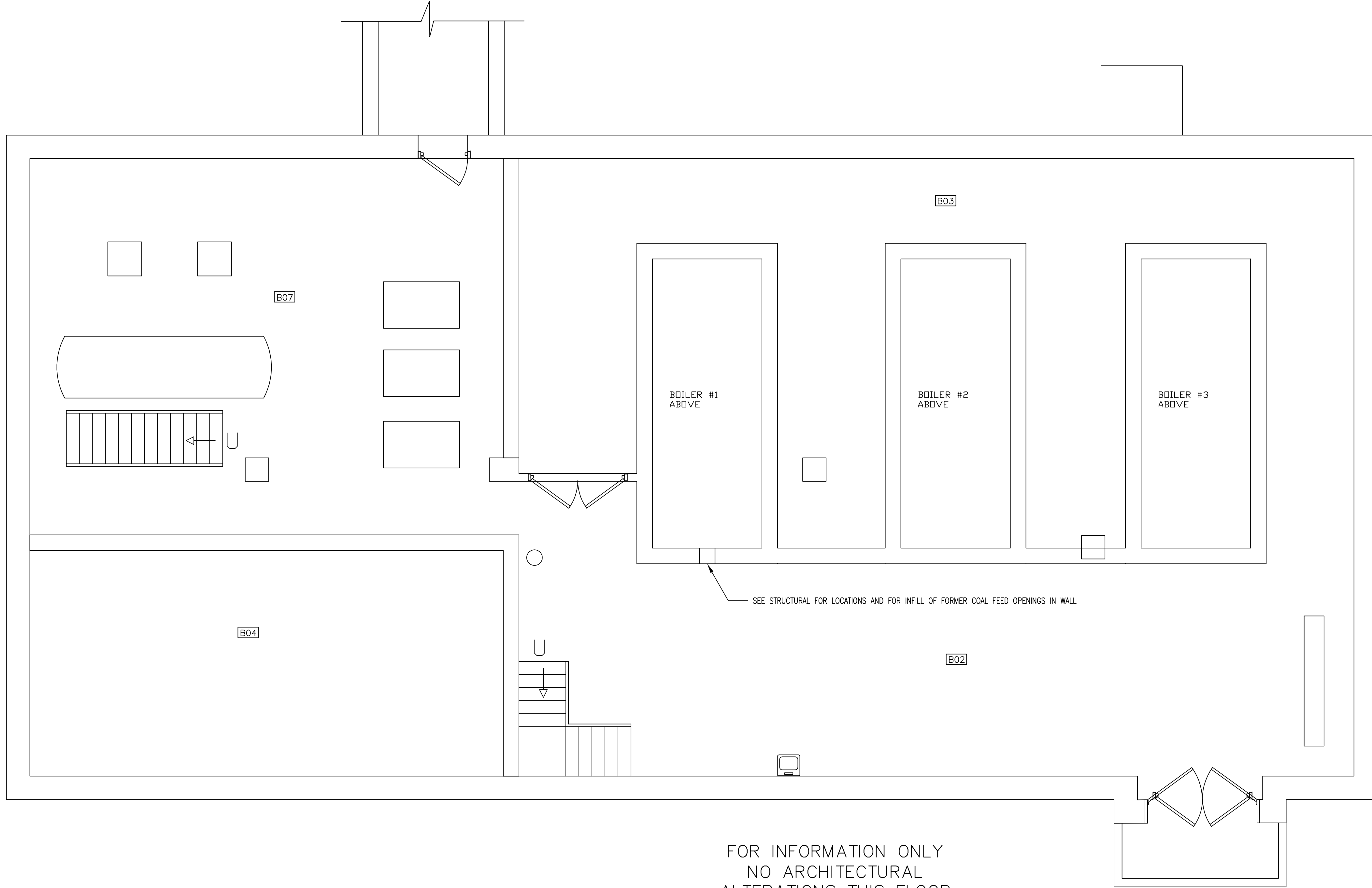
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Approved Project Director	

Project Title	CORRECT MECHANICAL DEFICIENCIES - VAMC OMAHA, NE
Project Number	636-19-301
Building Number	2
Drawing Number	2D201
Date	05-14-2021
Checked	GLG
Drawn	TJF
Dwg. of	

Office of Construction and Facilities Management

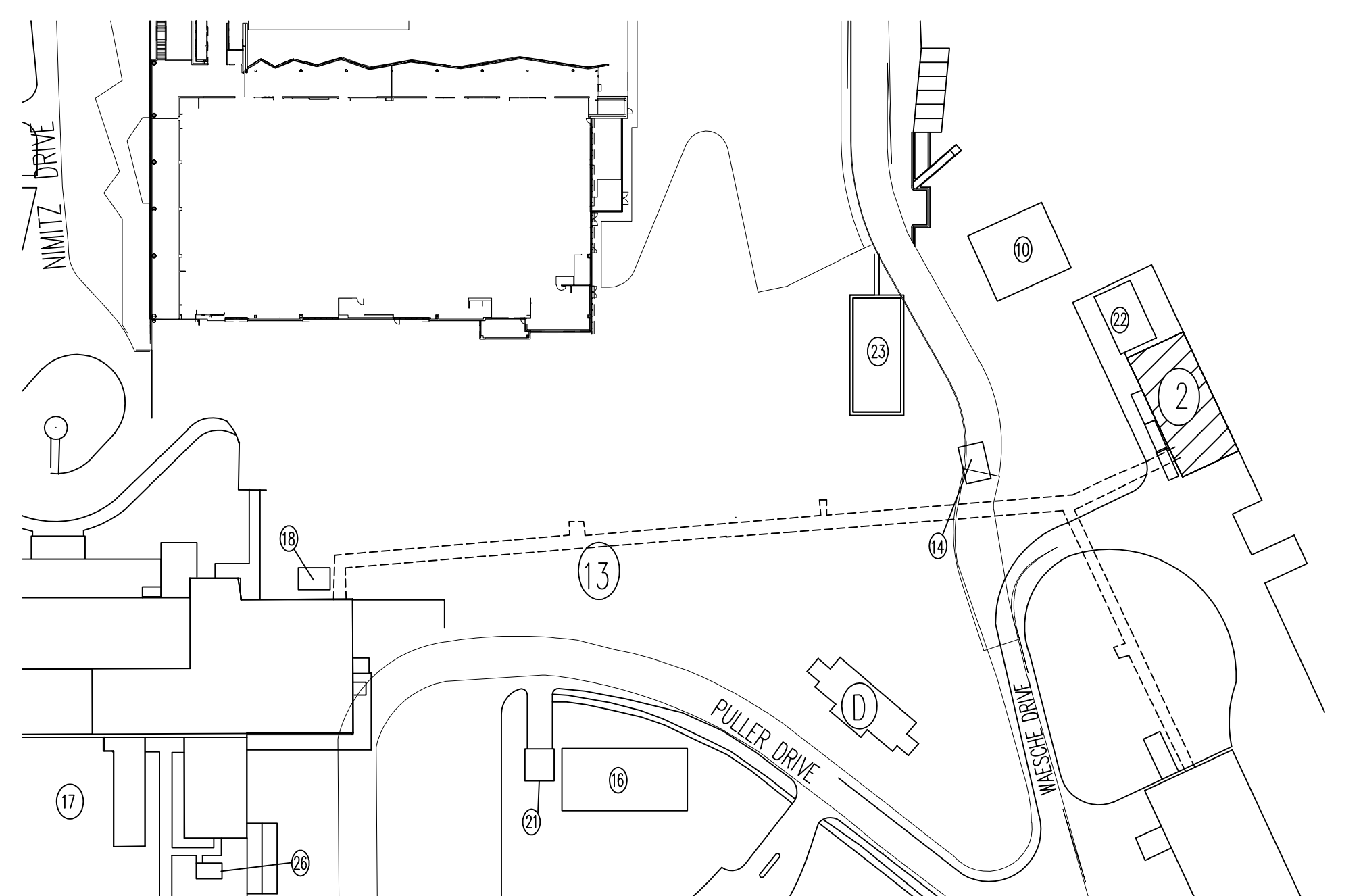
Department of Veterans Affairs

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



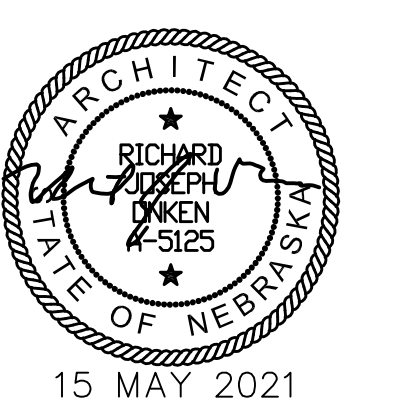
1 BASEMENT PLAN
SCALE: 1/4"=1'-0"
NORTH

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NO ARCHITECTURAL
ALTERATIONS THIS FLOOR



NORTH
LOCATION PLAN

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Revisions table with columns for Revisions, Date, and Description.

CONSULTANTS table with columns for Name, Address, and Phone.

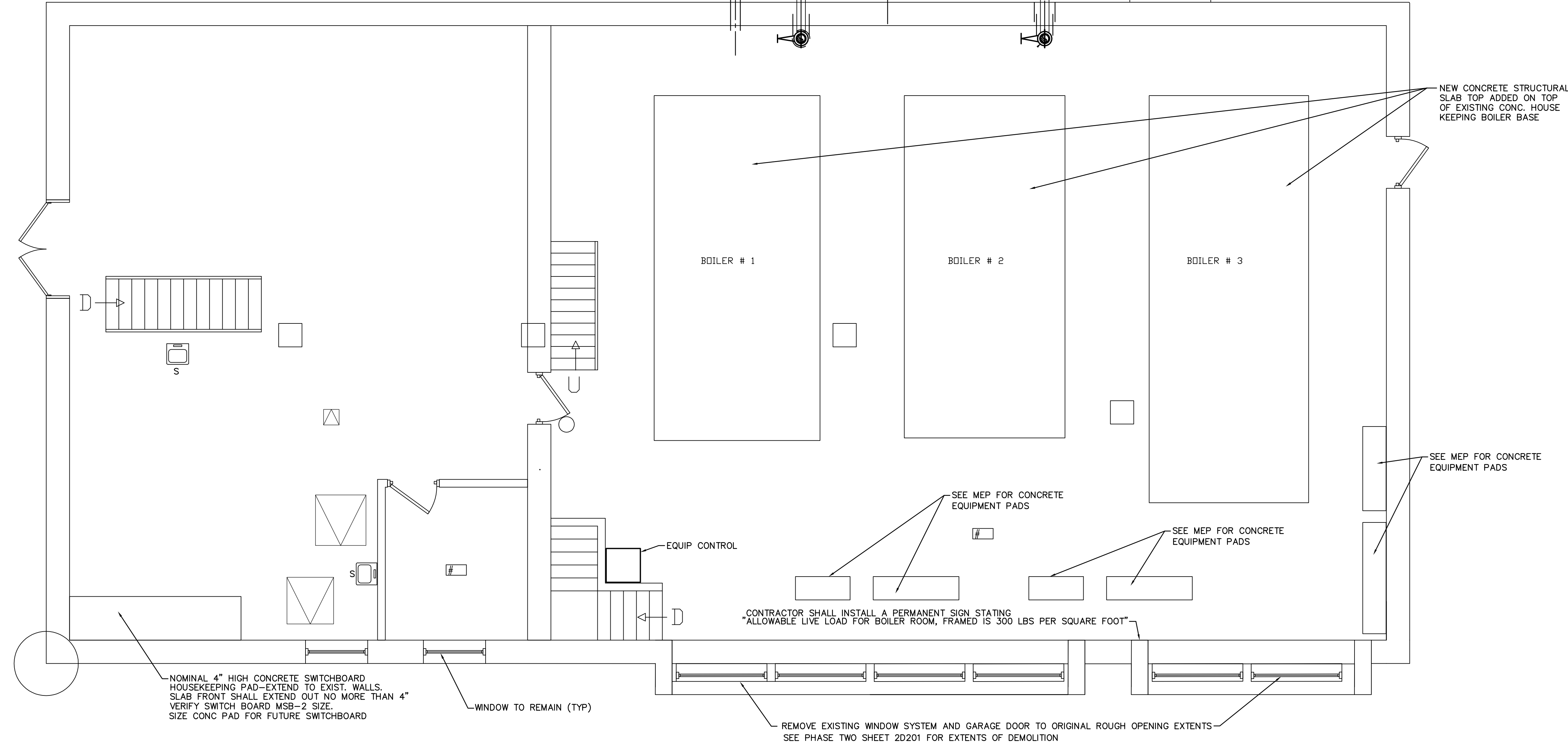
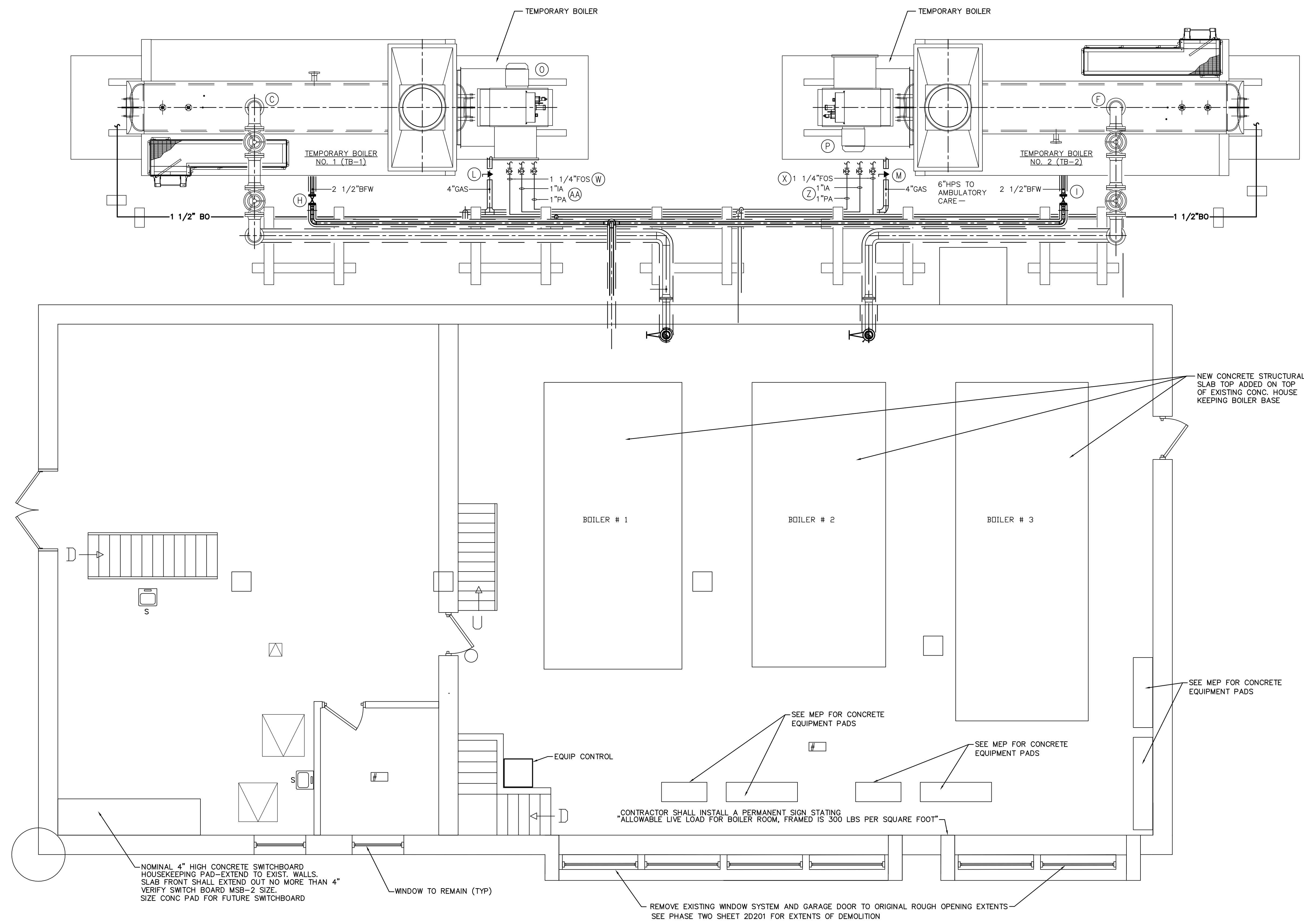
ARCHITECT/ENGINEERS: FARRIS ENGINEERING (OMAHA | LINCOLN | SIDNEY | COLORADO SPRINGS), SHAFFER STEVENS SCHAAP STRUCTURAL ENGINEERS (9910 North 48th Street, Ste 204, Omaha, NE 68152), and CLH PROJECT (3705 North 200th Street, Elkhorn, Nebraska 68022).

Project metadata table including Drawing Title (PHASE THREE - BASEMENT PLAN - FOR INFORMATION), Approved Project Director, and Date (05-14-2021).

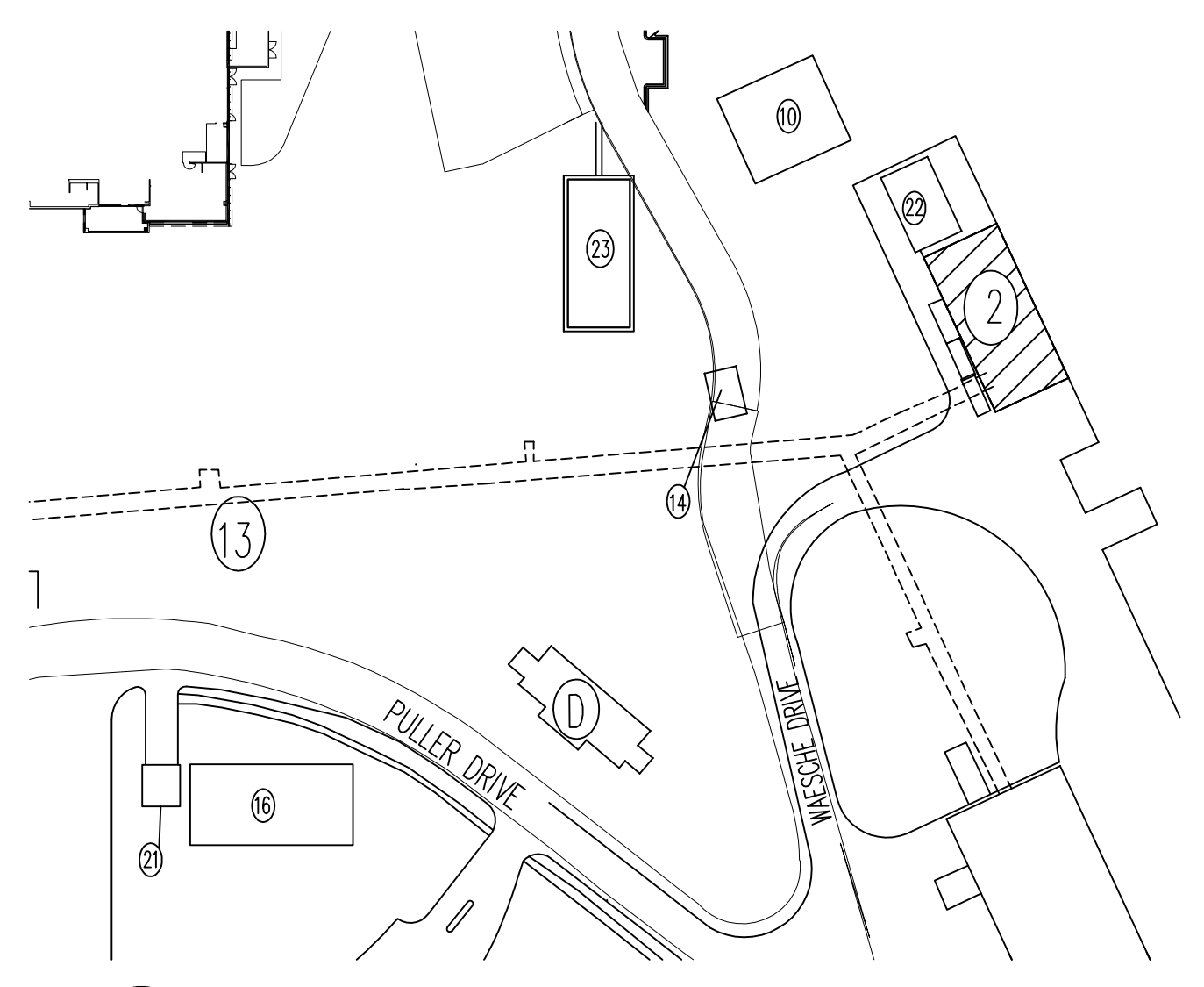
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Office of Construction and Facilities Management, Department of Veterans Affairs.

Scale indicators: 1/8" = 1'-0", 1/4" = 1'-0", 3/8" = 1'-0", 1/2" = 1'-0", 3/4" = 1'-0", 1" = 1'-0", 1 1/2" = 1'-0", 2" = 1'-0", 3" = 1'-0", 4" = 1'-0", 6" = 1'-0", 12" = 1'-0

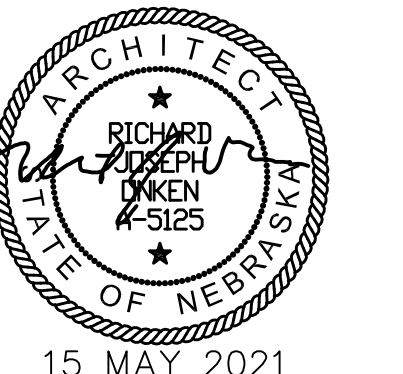


1 FIRST FLOOR PLAN SCALE: 1/4"=1'-0" NORTH



LOCATION PLAN NORTH

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Revisions	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

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402.455.7698 www.s3pc.com

CLH
Calvin L. Hinz
ARCHITECTS P.C.
3705 North 200th Street
Elkhorn, Nebraska 68022
NO: 18-013
(402) 291-6941

Drawing Title
PHASE THREE - FIRST FLOOR PLAN

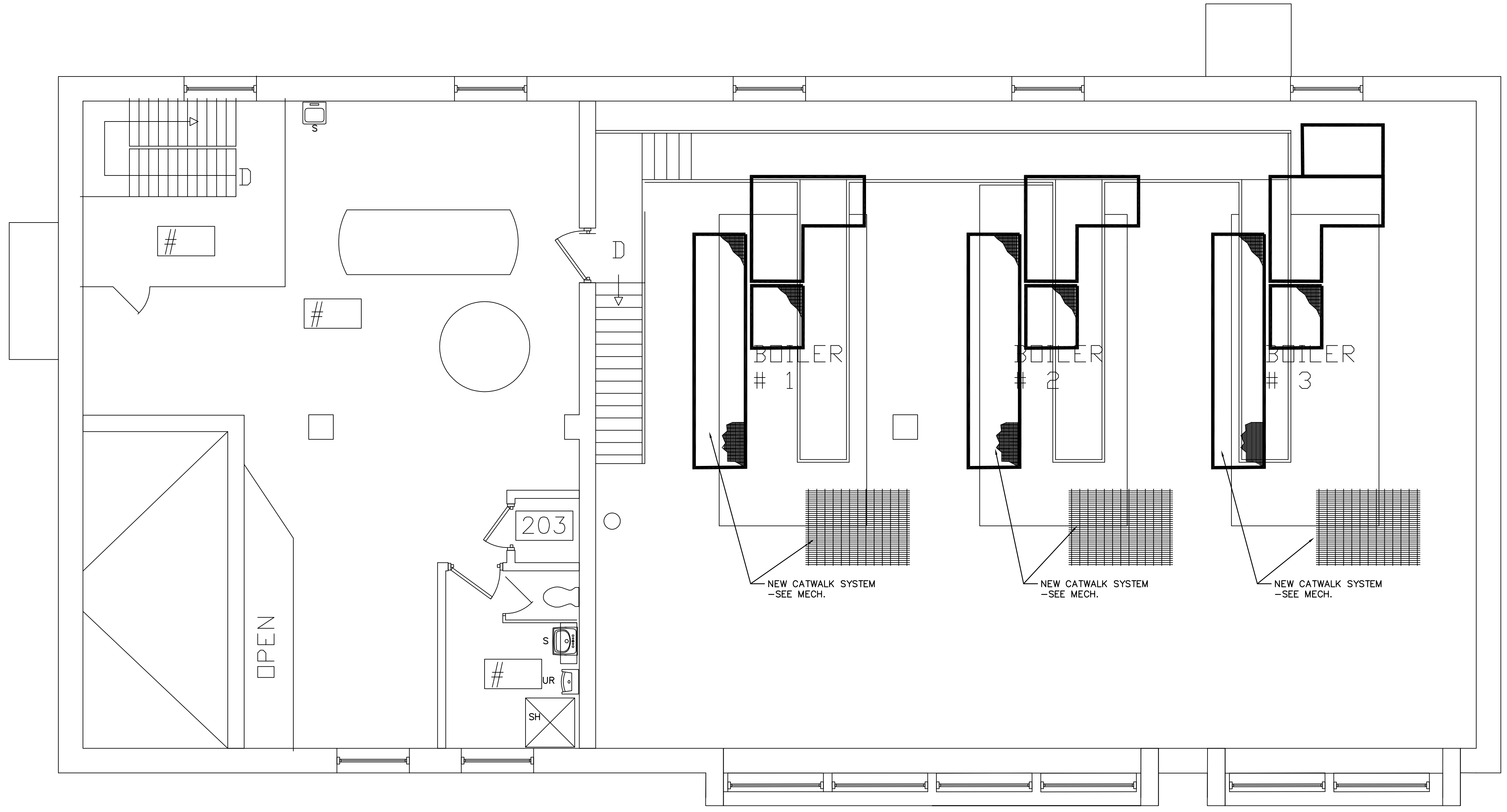
Approved Project Director

Project Title CORRECT MECHANICAL DEFICIENCIES - VAMC OMAHA		
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Date 04-14-2021	Checked GLG	Drawn TJF
Location OMAHA, NE	Dwg. of	

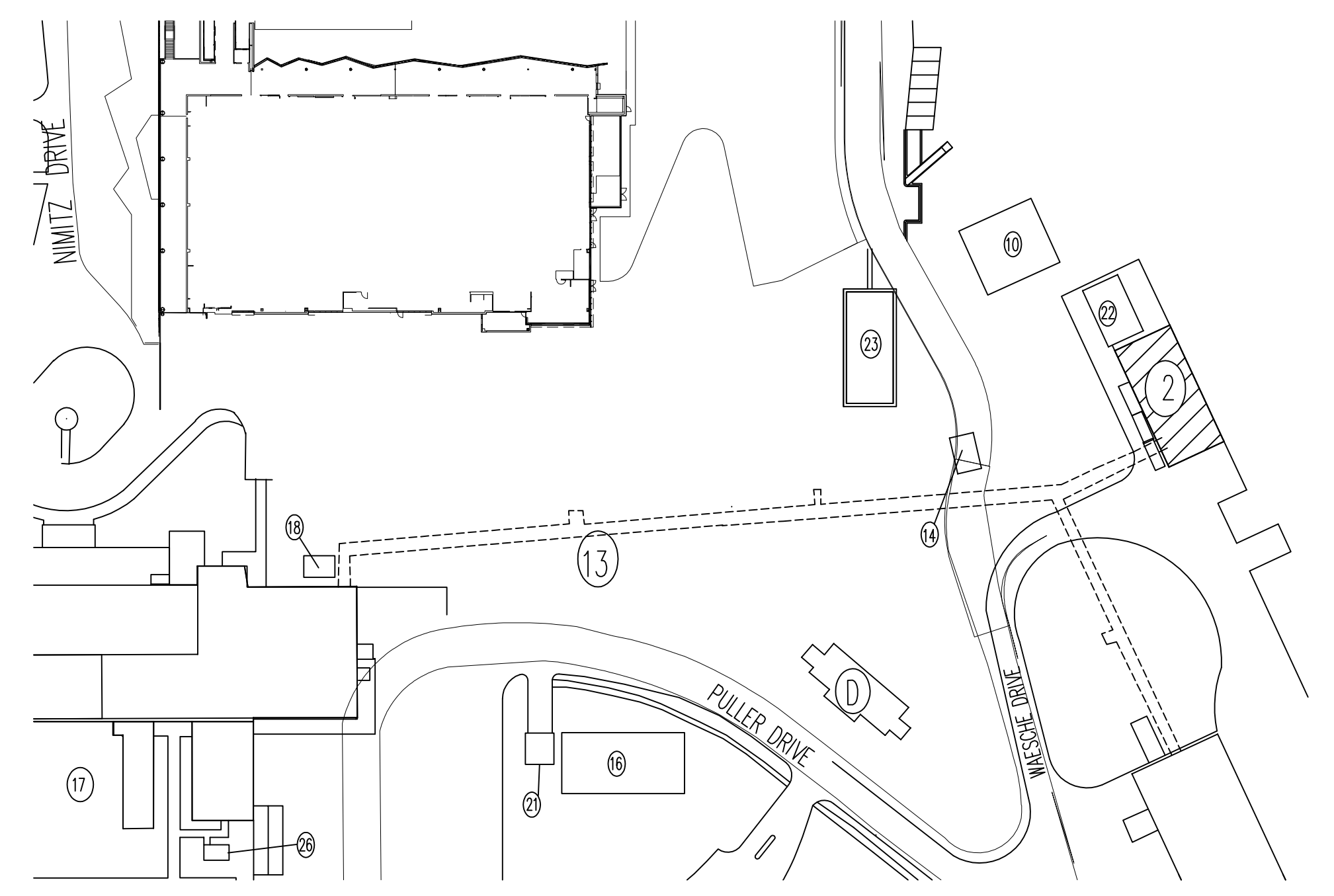
Office of Construction and Facilities Management

Department of Veterans Affairs

1/16" = one foot
 1/8" = one foot
 3/16" = one foot
 1/4" = one foot
 5/16" = one foot
 3/8" = one foot
 7/16" = one foot
 1/2" = one foot
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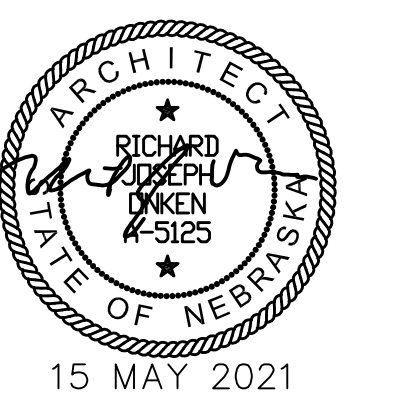


NORTH
 1 SECOND FLOOR PLAN
 SCALE: 1/4"=1'-0"



NORTH
 LOCATION PLAN

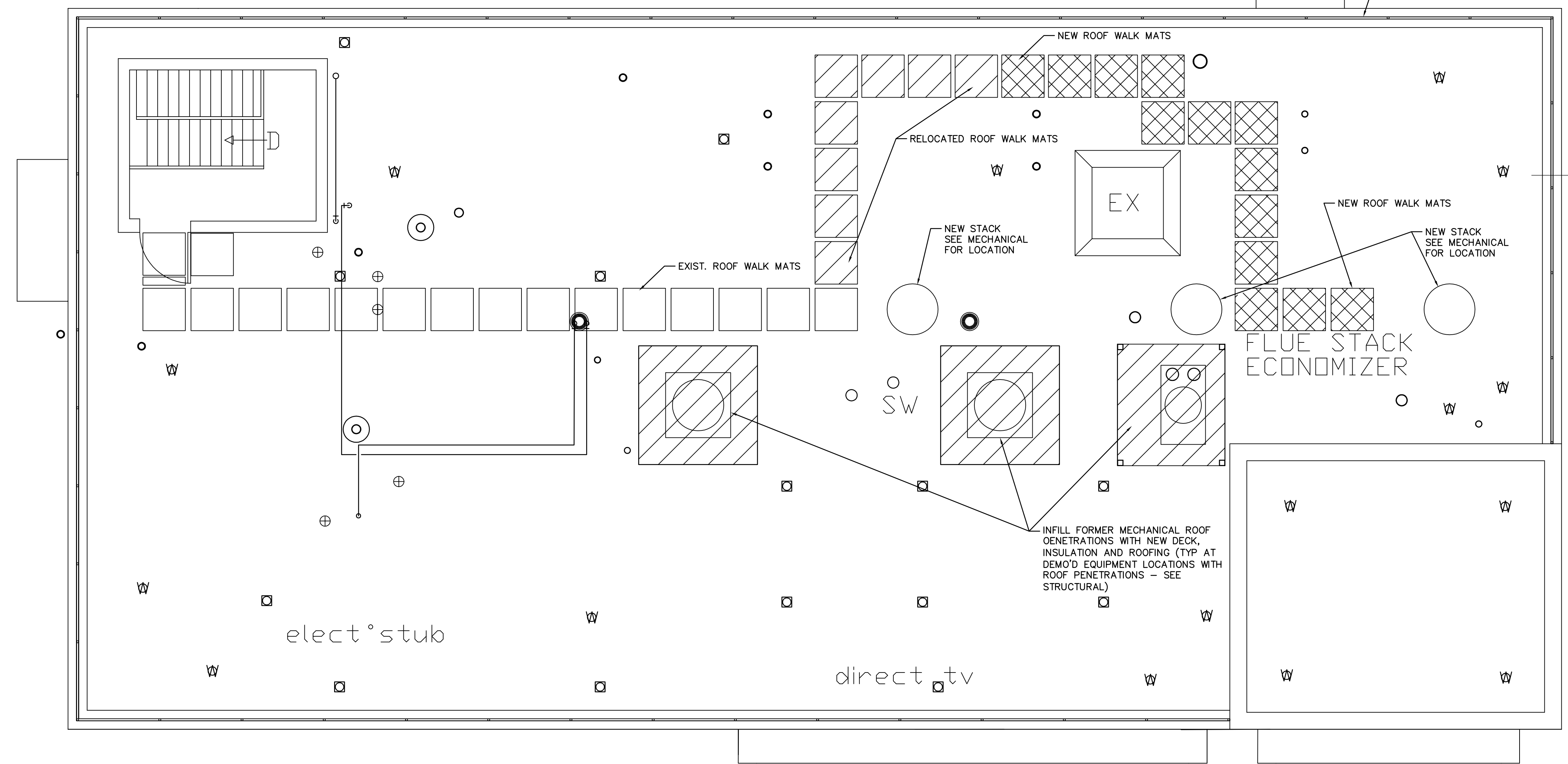
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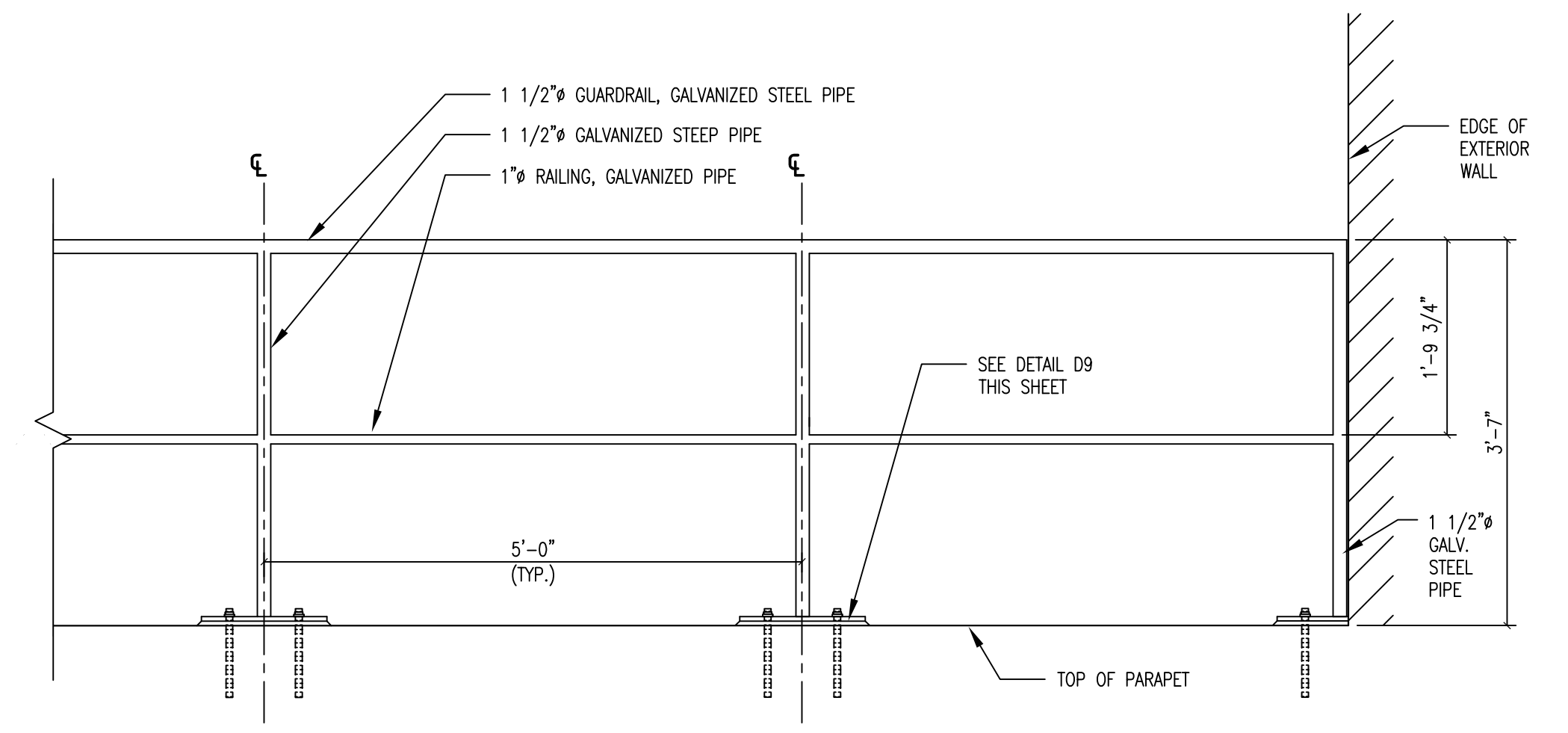
15 MAY 2021

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	Revisions	Date																											
Approved Project Director 	Location OMAHA, NE	Drawing Number 2A102	Date 05-14-2021	Checked GLG	Drawn TJF	Dwg. of																							

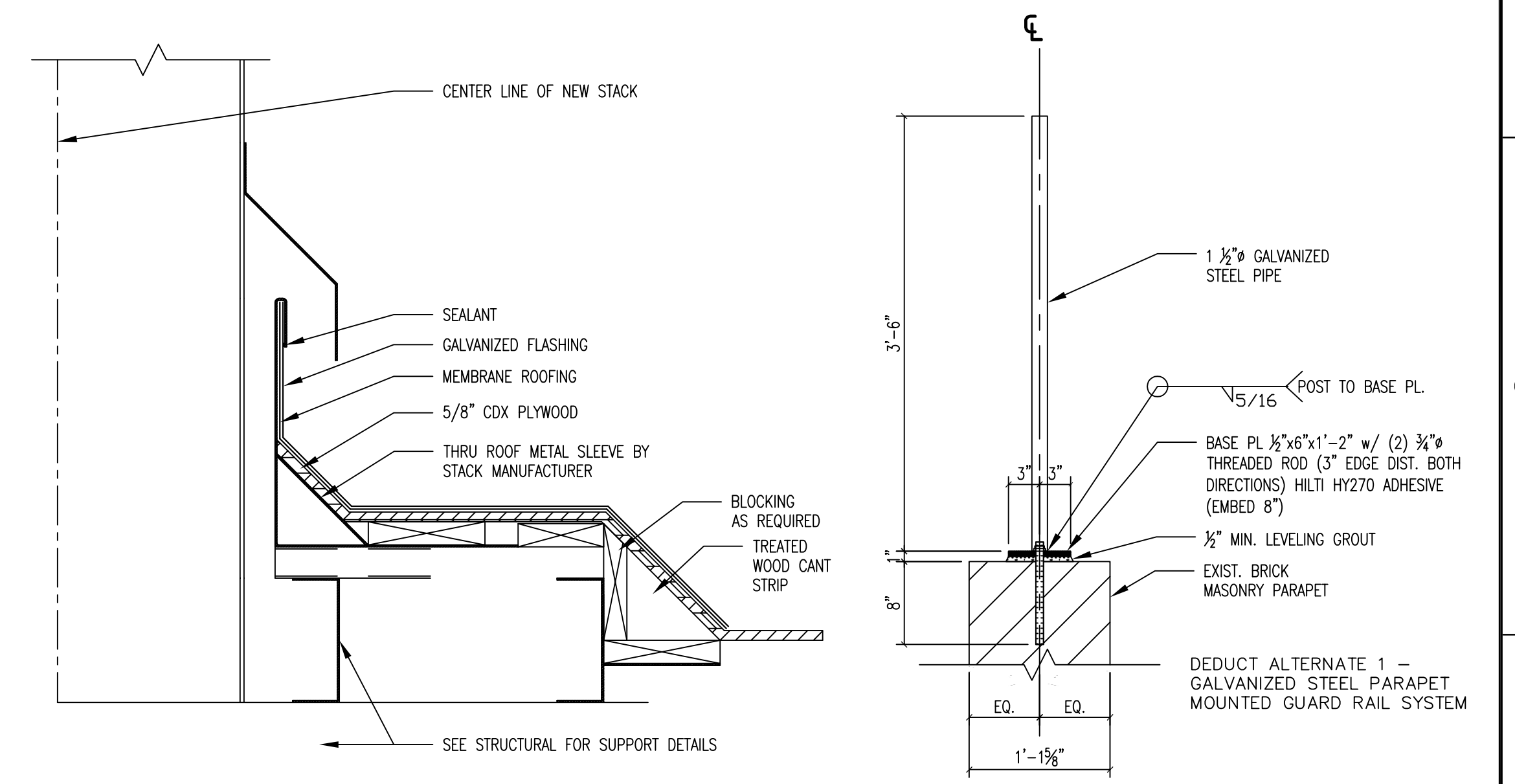
three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot
 one sixteenth inch = one foot



DEDUCT ALTERNATE 1 - GALVANIZED STEEL PARAPET MOUNTED GUARD RAIL SYSTEM
 FALL PROTECTION GUARD RAIL - INSTALL ON TOP OF PARAPET ALONG PERIMETER ALL FOUR SIDES. SEE 2A103/B8 & D9 FOR DETAILS. SEE STRUCTURAL FOR MOUNTING DETAILS.

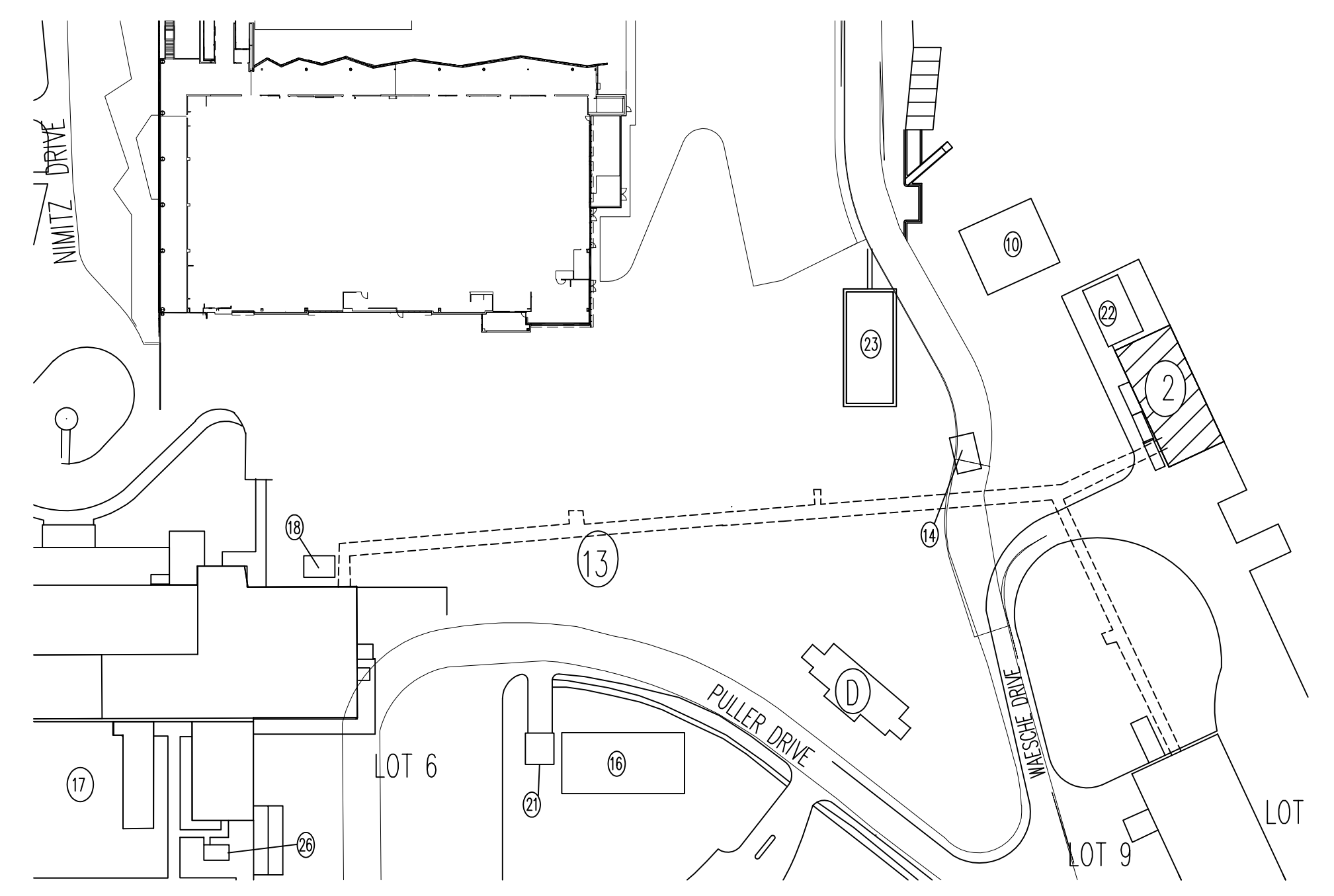


DEDUCT ALTERNATE 1 - GALVANIZED STEEL PARAPET MOUNTED GUARD RAIL SYSTEM



- ⊙ RAIN CAPPED VTR
- TALL VTR
- ↓ OVER HEAD PIPING
- TALL VTR
- W WIND SMART DETECTOR
- ⊕ COVERED VTR
- ROOF DRAIN
- 4 1/2" VTR
- ABANDONED STR SUPPORT BASE

1 ROOF PLAN
 SCALE: 1/4"=1'-0"
 NORTH

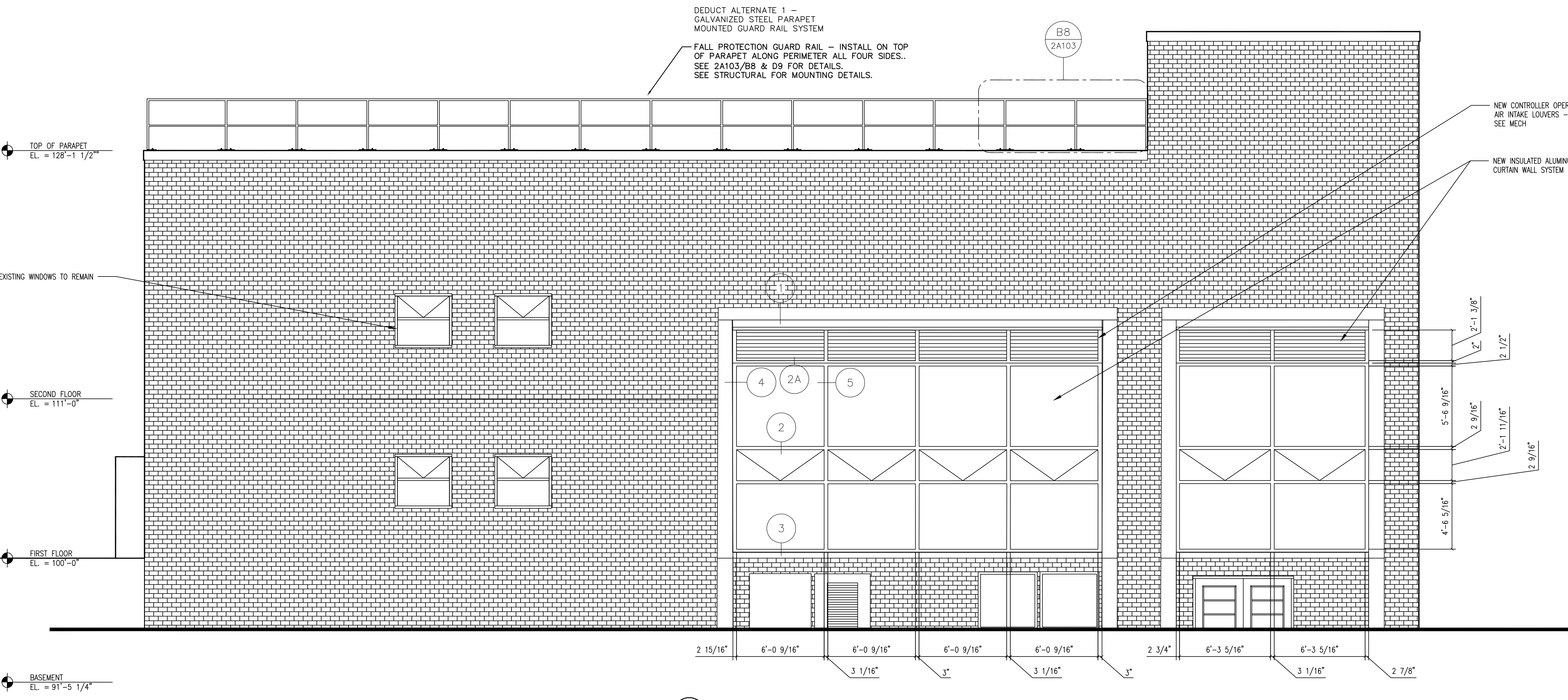


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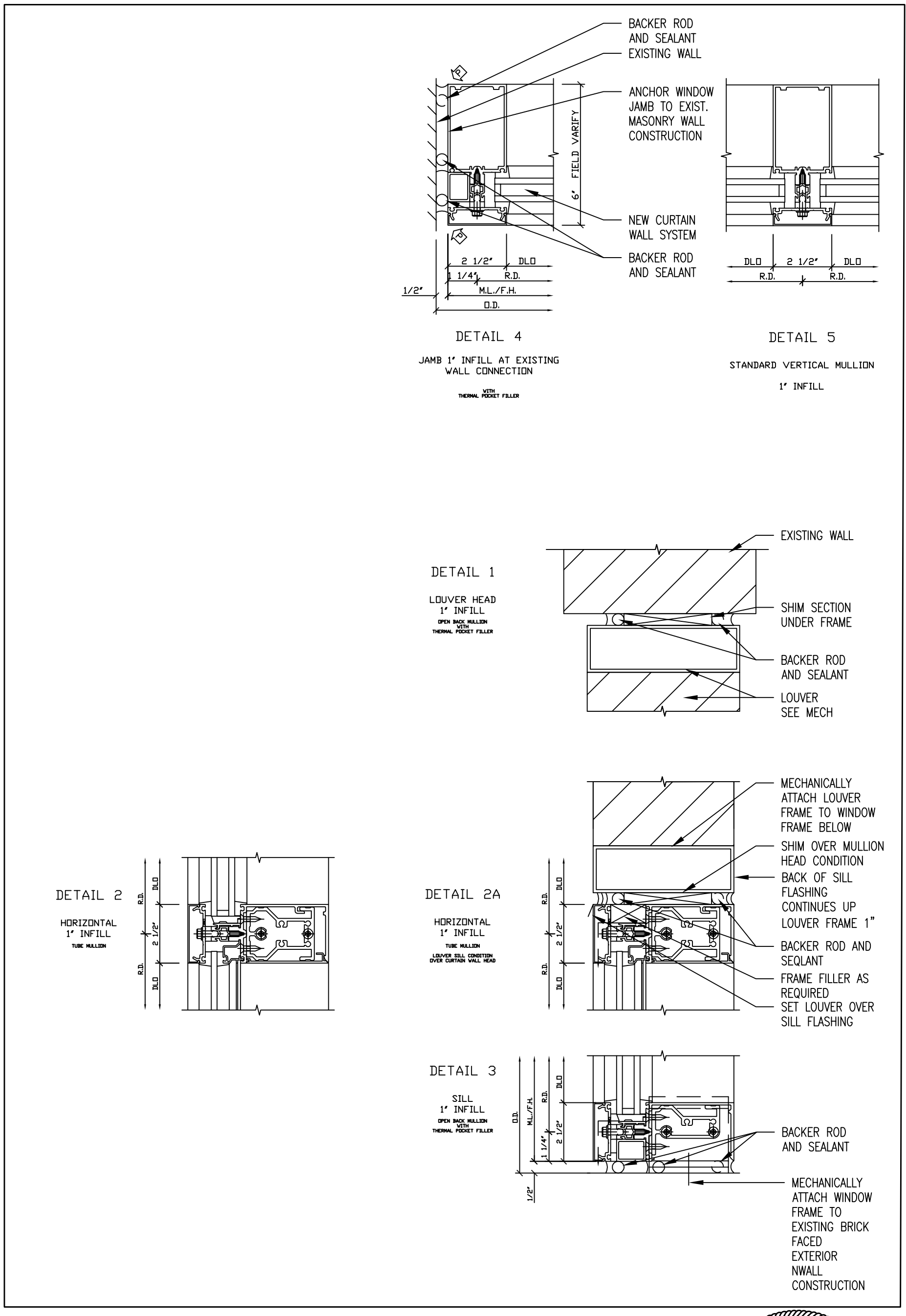
CONSULTANTS: [Empty space for consultant names]		ARCHITECT/ENGINEERS: FARRIS ENGINEERING OMAHA LINCOLN SIDNEY COLORADO SPRINGS farris-uso.com FEI #: 182047 SHAFER STEVENS SCHAAP STRUCTURAL ENGINEERS 3705 North 200th Street Elkhorn, Nebraska 68022 (402) 291-6941 www.s3pc.com		Drawing Title PHASE THREE - ROOF PLAN		Project Title CORRECT MECHANICAL DEFICIENCIES VAMC OMAHA		Project Number 636-19-301		Office of Construction and Facilities Management Department of Veterans Affairs	
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VA FORM 08-6231		1 2 3 4 5 6 7 8 9		Date 05-14-2021		Checked GLG		Drawn TJF		[Empty space]	

three eighths inch = one foot
one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
one and one half inches = one foot
one and one half inches = one foot
one and one half inches = one foot
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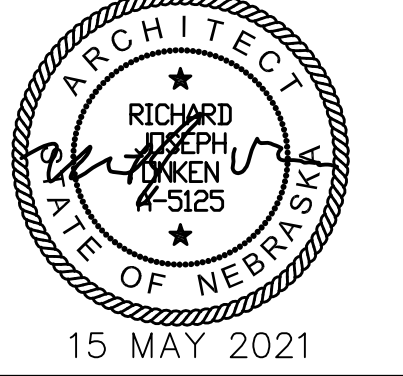
1 EAST ELEVATION – CURTAIN WALL AND LOUVERS
SCALE: 1/4"=1'-0"

PHASE THREE - EAST ELEVATION - NEW WORK



F9 WINDOW DETAILS
SCALE: 3\"/>

100% CD SUBMITTAL



Revisions	Date

CONSULTANTS:	

ARCHITECT/ENGINEERS:

FARRIS ENGINEERING

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S3 SHAFFER STEVENS SCHAAP

STRUCTURAL ENGINEERS

9910 North 48th Street, Ste 204, Omaha, NE 68152
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CLH PROJECT

Calvin L. Hinz

3705 North 200th Street
Elkhorn, Nebraska 68022
(402) 291-6941

NO: 18-013

Drawing Title	
PHASE THREE - EAST ELEVATION - NEW WORK	
Approved Project Director	

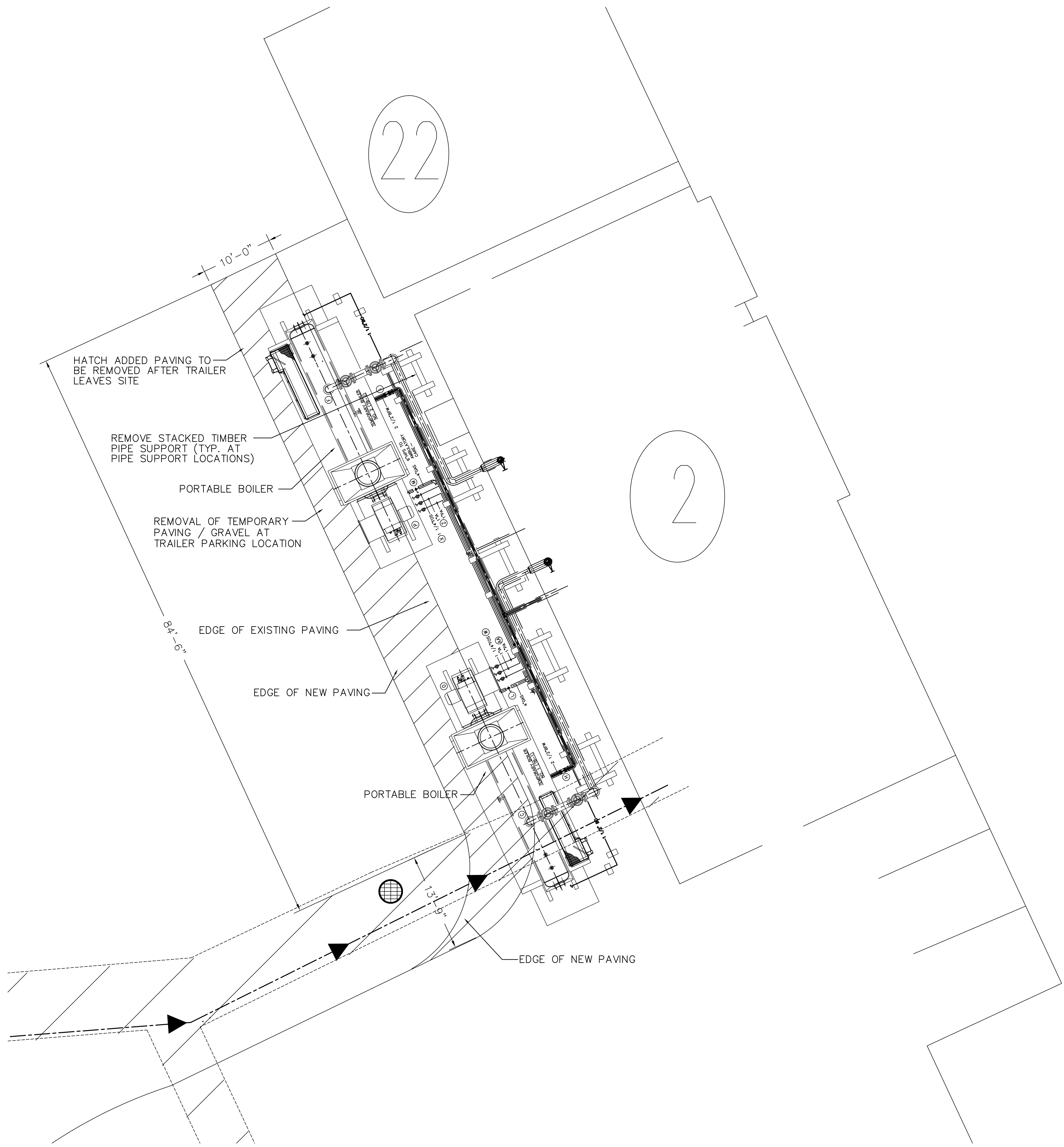
Project Title		
CORRECT MECHANICAL DEFICIENCIES - VAMC OMAHA, NE		
Location		
OMAHA, NE		
Date	Checked	Drawn
05-14-2021	GLG	TJF
Project Number		Drawing Number
636-19-301		2A201
Building Number		Dwg. of
2		

Office of Construction and Facilities Management

Department of Veterans Affairs

NOTES:
DRAWINGS ARE A FIELD RECORD OF THE RECENT SURVEY OF STEAM TRAP LOCATIONS. OTHER LINEWORK REPRESENTS HISTORICAL HVAC SYSTEM AND VARIES IN PRESENT USE, POSSIBLE ABANDONMENT OR REMOVAL.

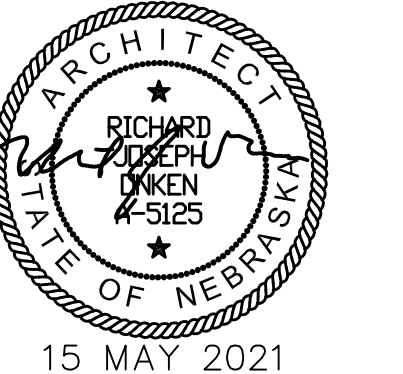
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot



- STEAM SURVEY BUILDINGS
- ① MAIN HOSPITAL BUILDING
 - ② CENTRAL HEATING PLANT
 - ⑨ DIALYSIS
 - ⑬ UTILITY TUNNEL
 - ⑮ ANIMAL RESEARCH
 - ⑳ SHOP
 - ㉑ CLINIC

1 SITE PLAN - BUILDING 2 REMOVAL OF TEMPORARY BOILERS
SCALE: N.T.S.

100% CD SUBMITTAL



15 MAY 2021

Revisions	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

FARRIS ENGINEERING
OMAHA | LINCOLN | SIDNEY | COLORADO SPRINGS
farris-usa.com
FEI #: 182047

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Drawing Title
PHASE FOUR - REMOVAL OF TEMPORARY BOILERS

Approved Project Director

Project Title
VAMC OMAHA - CORRECT MECHANICAL DEFICIENCIES

Project Number
636-19-301

Building Number
2

Drawing Number
2A301

Dwg. of

Location
OMAHA, NE

Date
05-14-2021

Checked
GLG

Drawn
TJF

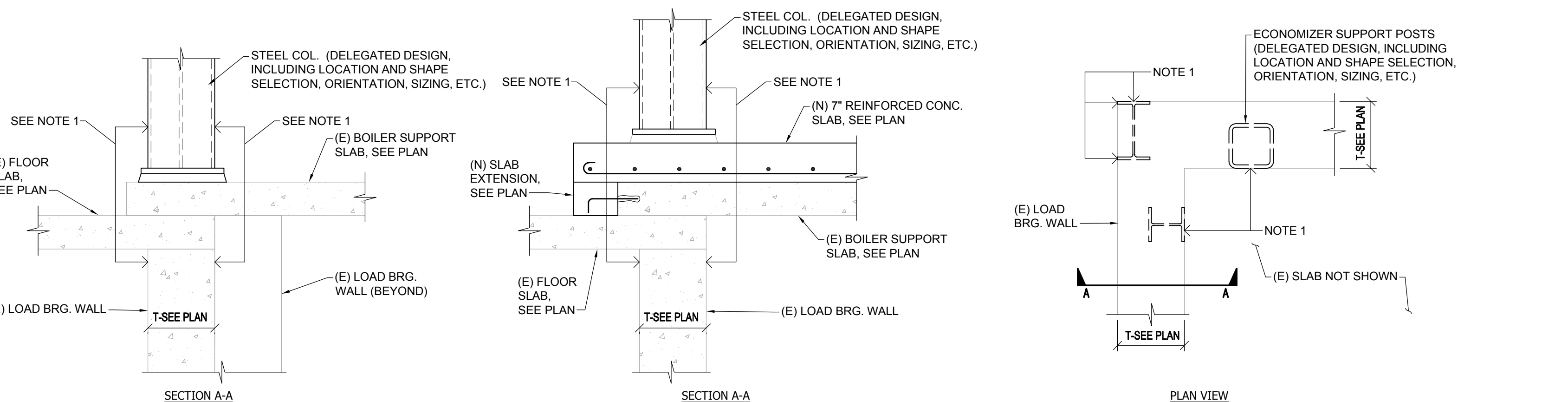
Office of Construction and Facilities Management
Department of Veterans Affairs

GENERAL STRUCTURAL NOTES

DESIGN CRITERIA: APPLICABLE BUILDING CODE: 2018 IBC (WITH VA AMENDMENTS) SELECT REFERENCED STANDARDS: ACI 308-14 CODE OF STANDARD PRACTICE FOR REINFORCED CONCRETE BUILDINGS...

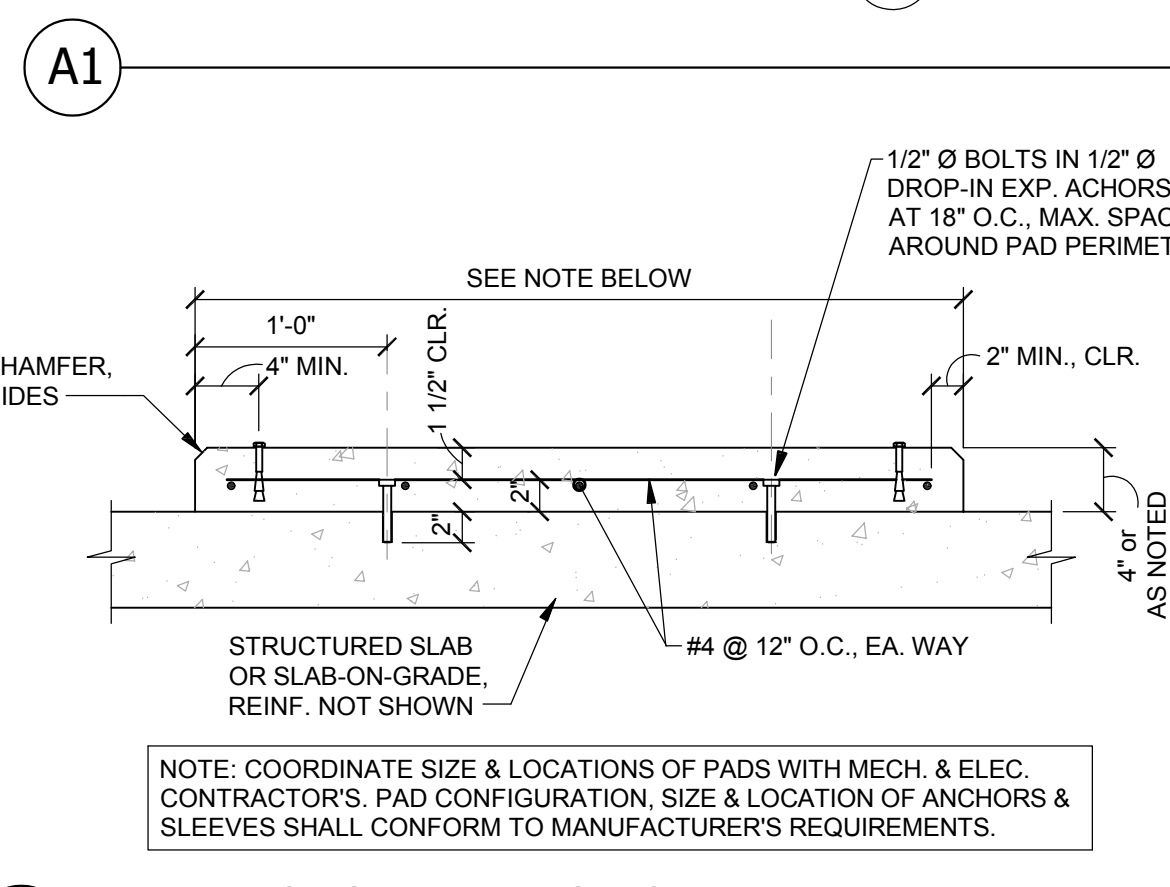
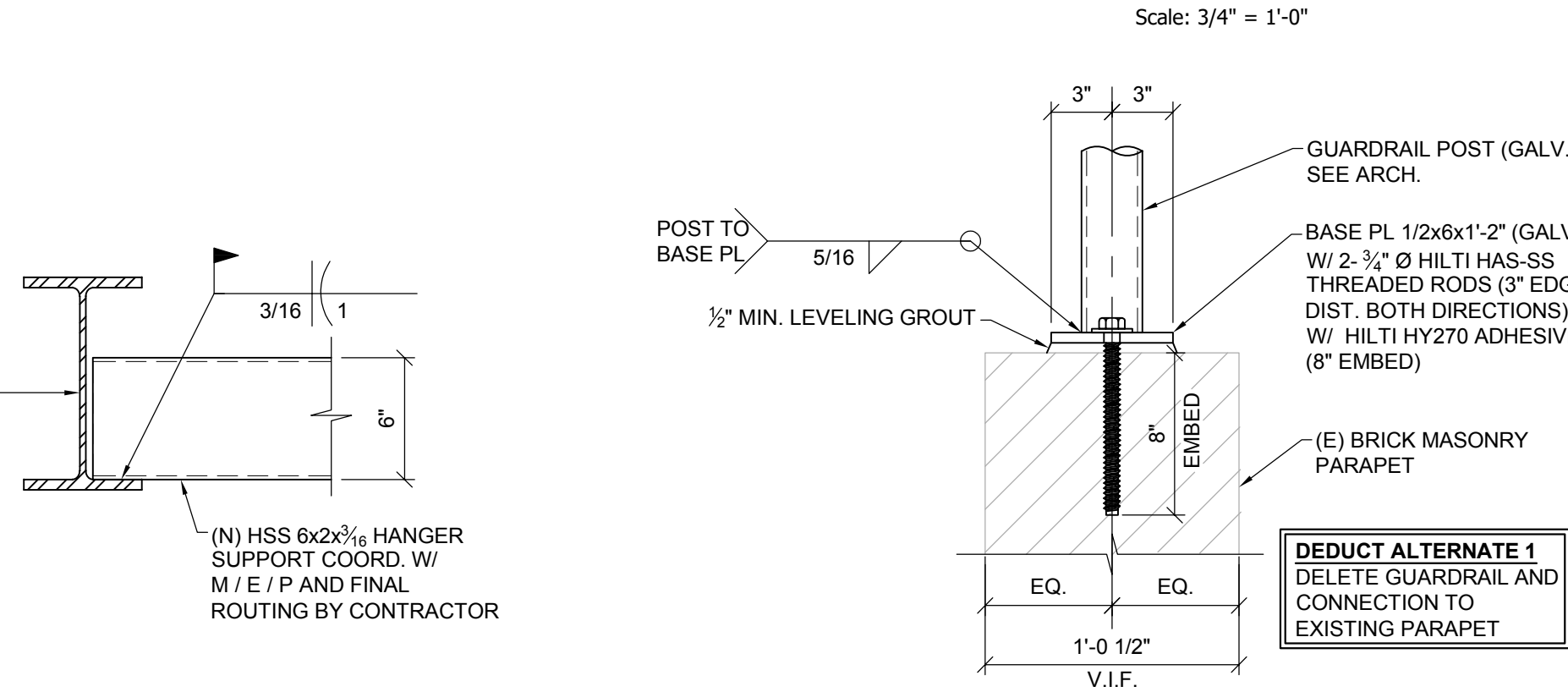
SPECIAL INSPECTIONS: 1. PROVIDE SPECIAL INSPECTIONS AS REQUIRED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE... 2. PROVIDE THE SPECIAL INSPECTOR 48 HOURS PRIOR NOTICE FOR THE SPECIAL INSPECTIONS.

18. BEARING SURFACES OF COLUMNS SHALL BE FINISHED TO PROVIDE FULL BEARING CONTACT WITH BASE PLATE (AND CAP PLATE AS REQUIRED FOR LOAD TRANSFER... 19. THE FREE END OF ALL CANTILEVERS SHALL USE FULL-DEPTH STIFFENERS EACH SIDE.



DETAIL NOTES: 1. THE OUTERMOST EDGE, FACE, FLANGE TIP OF THE STEEL COLUMN SHALL NOT PROJECT OUTSIDE OF THE FOOTPRINT OF THE EXIST LOAD BRG. WALL... 2. SEE D1 FOR INFILLING EXISTING OPENINGS IN BASEMENT WALL UNDER OR NEAR NEW POSTS.

POSITIONING OF ECONOMIZER SUPPORT POSTS



C2 NEW EQUIP. HANGER SUPPORT DET. Scale: 1 1/2" = 1'-0"

C3 GUARDRAIL POST BASE CONN. DETAIL Scale: 1 1/2" = 1'-0"

C1 HOUSEKEEPING EQUIPMENT PAD DETAIL Scale: 1" = 1'-0"

SNOW LOAD: GROUND SNOW LOAD Pg = 25 PSF FLAT ROOF SNOW LOAD* Pfl = 21 PSF MINIMUM SNOW LOAD Pm = 24 PSF...

SEISMIC LOAD: MAPPED SPECTRAL RESPONSE COEFFICIENTS Ss = 0.072 S1 = 0.045 DESIGN SPECTRAL RESPONSE COEFFICIENTS Sds = 0.077 Sd1 = 0.072...

ROOF LIVE LOAD: 20 PSF TYPICAL FLOOR LIVE LOAD: BOILER ROOM, FRAMED MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS = 300 PSF...

*PROVISIONS FOR MOVEABLE PARTITIONS HAVE NOT BEEN APPLIED WHICH IS IN ACCORDANCE WITH BUILDING CODE... **WEIGHT OF ACTUAL EQUIPMENT FOR NEW BOILERS, ECONOMIZERS, AND PLATFORMS USED IN ANALYSIS = 68,000 POUNDS...

LIVE LOAD REDUCTIONS HAVE NOT BEEN MADE. INTERIOR WALLS: 5 PSF LATERAL LOAD IN ABSENCE OF ANY WIND LOAD EFFECTS CONSTRUCTION LOADING IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

DELEGATED DESIGN: 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE FOLLOWING ITEMS: METAL STAIRS AND PLATFORMS, HANDRAILS AND GUARDRAILS... 2. FOR ALL ITEMS LISTED AS DELEGATED-DESIGN ITEMS, STAMPED ENGINEERING CALCULATIONS PERFORMED BY A STRUCTURAL OR PROFESSIONAL ENGINEER...

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...

CONCRETE AND REINFORCING STEEL: 1. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 308, UNLESS NOTED OTHERWISE... 2. CONCRETE CLASSES AND USES: A. STRUCTURED SLABS - MINIMUM COMPRESSIVE STRENGTH: 4,500 PSI AT 28 DAYS AT 7 DAYS IF TYPE III IS USED...

STEEL STAIRS AND GRATING: 1. STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC 360 AND AISC 301, LATEST EDITIONS... 2. ALL WIDE FLANGES SHALL BE ASTM A992, GRADE 50, UNLESS NOTED OTHERWISE...

STRUCTURAL STEEL: 1. STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC 360 AND AISC 303, LATEST EDITIONS... 2. ALL WIDE FLANGES SHALL BE ASTM A992, GRADE 50, UNLESS NOTED OTHERWISE...

STEEL SHALL BE THOROUGHLY CLEANED OF MILL SCALE PRIOR TO APPLICATION OF THE PRIMER IN ACCORDANCE WITH SSPC-SP-2 OR SP-3 FOR CONCEALED STEEL AND SSPC-SP-4 FOR STEEL EXPOSED TO VIEW... 9. SHOP PAINT CONCEALED STRUCTURAL STEEL WITH ONE COAT, 2 MILS OF FABRICATOR'S STANDARD PRIMER...

15. STEEL PLATE THAT IS TO BE BENT AND HOT DIP GALVANIZED SHALL BE DONE SO IN ACCORDANCE WITH THE PROCEDURES OF ASTM A143-74 "STANDARD PRACTICE FOR SAFEGUARDING AGAINST EMBRITTLEMENT OF HOT DIP GALVANIZED STRUCTURAL STEEL PRODUCTS AND PROCEDURE FOR DETECTING EMBRITTLEMENT"... 16. WHEN BENDING PLATE, THE FABRICATOR SHALL CONFORM TO AISC MANUAL OF STEEL CONSTRUCTION REQUIREMENTS FOR THE MINIMUM RADIUS OF COLD BENDING FOR PLATE.

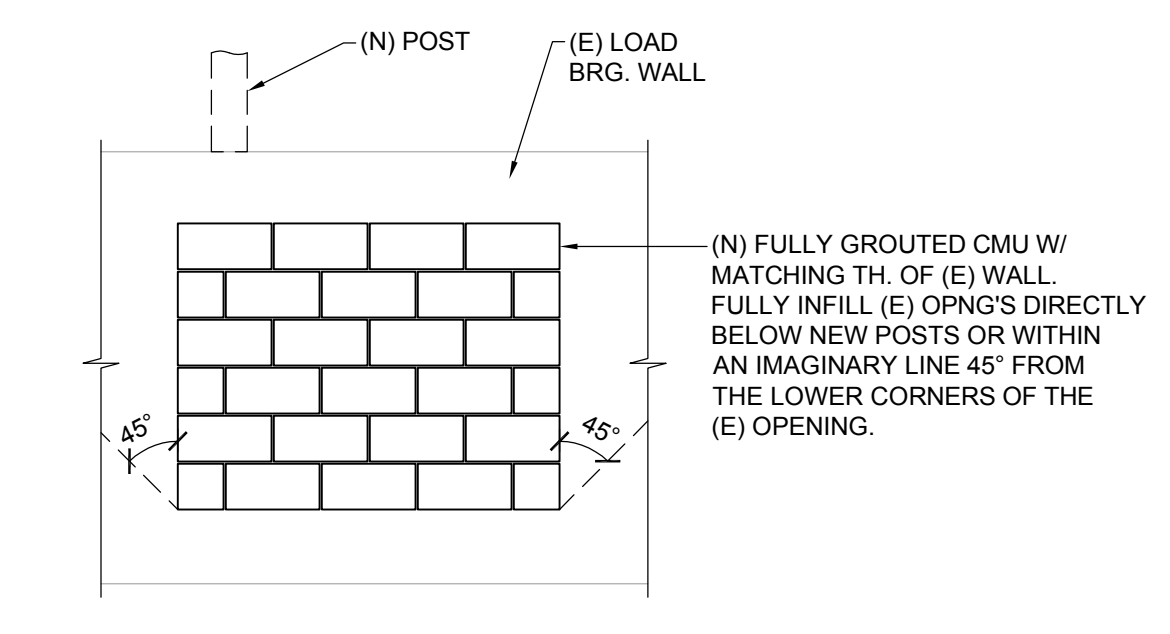
10. CHECKED FLOOR PLATE SHALL BE REINFORCED QUALITY CARBON STEEL SAFETY PLATE AND SHALL BE FASTENED TO SUPPORTING MEMBERS WITH 3/4" FILLET WELDS 2" LONG, 8" O.C. UNLESS NOTED OTHERWISE... 11. THE CONTRACTOR SHALL SUBMIT STRUCTURAL STEEL STAIR AND GRATING SHOP DRAWINGS TO THE ARCHITECT.

STEEL DECK: 1. STEEL DECK SHALL CONFORM TO THE STEEL DECK SPECIFICATIONS AND LOAD TABLES OF THE STEEL DECK INSTITUTE (SDI)... 2. COMPOSITE AND NON-COMPOSITE STEEL DECK SHALL HAVE A MINIMUM YIELD STRENGTH OF 50,000 PSI. DO NOT INSTALL CONTRACTION JOINTS IN CONCRETE-FILLED METAL DECK...

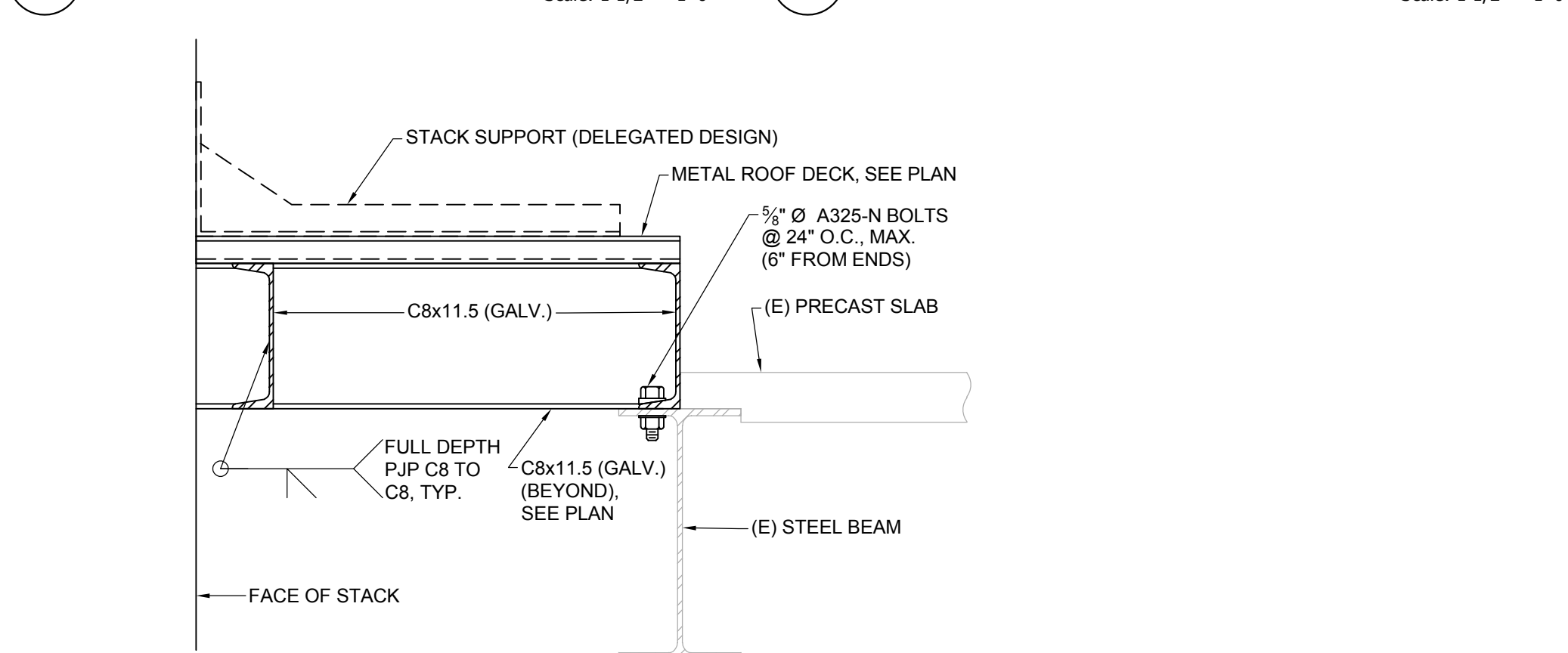
11. THE CONTRACTOR SHALL SUBMIT STEEL DECK SHOP DRAWINGS TO THE ARCHITECT. POST-INSTALLED ANCHORAGE: 1. ALL POST-INSTALLED (MECHANICAL AND/OR ADHESIVE) ANCHORS SHALL BE THE TYPE, SIZE AND EMBEDMENT AS SHOWN ON THE DRAWINGS...

2. THE PLACEMENT OF EXPANSION BOLTS IN MASONRY HEAD JOINTS OR T JOINTS SHALL BE AVOIDED IF POSSIBLE... 3. APPROVED EXPANSION BOLTS SHALL BE: a. KWIK BOLT 3 EXPANSION ANCHOR BY HILTI, b. TRUBOLT WEDGE ANCHOR BY ITW RAMSET / REDHEAD...

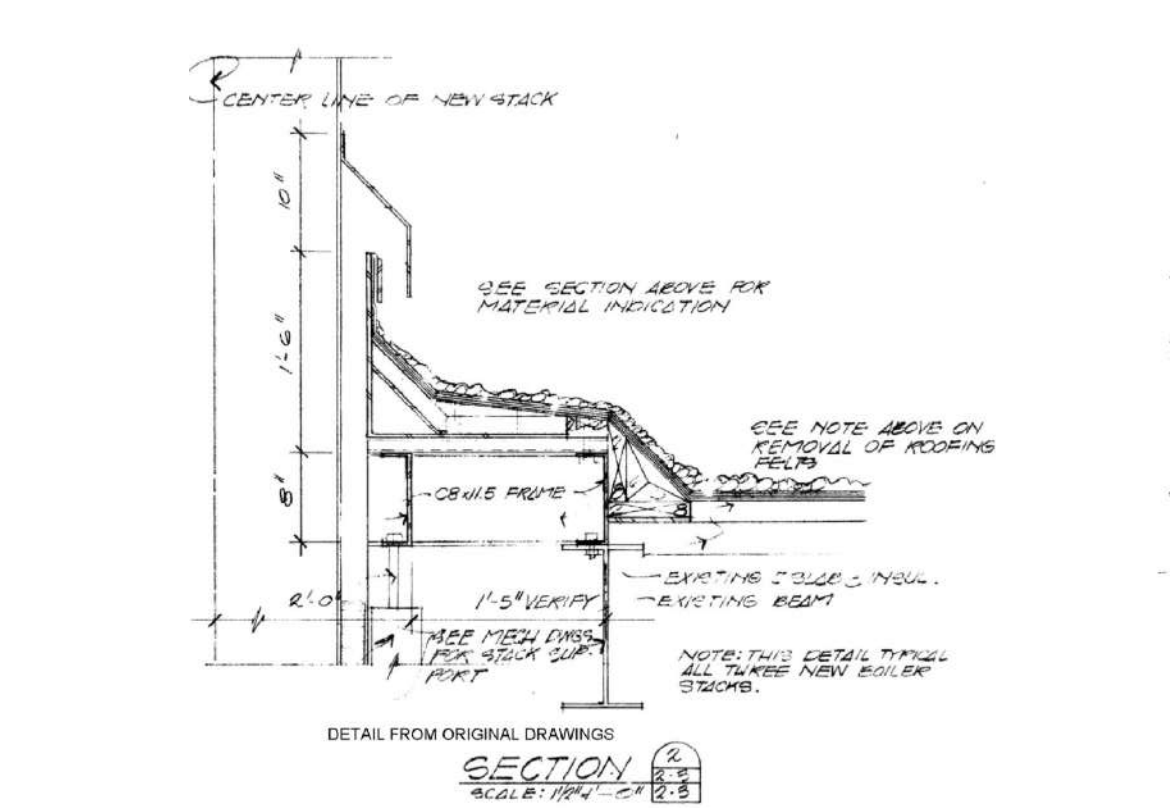
17. BASE PLATE HOLE AND WASHER SIZES FOR ANCHOR RODS SHALL BE PER AISC RECOMMENDATIONS. DEMOLITION: 1. PRIOR TO REMOVAL OF THE EXISTING SUPPORTING STRUCTURE, ADEQUATELY SHORE THE EXISTING PORTIONS SO THAT NO MOVEMENT OCCURS...



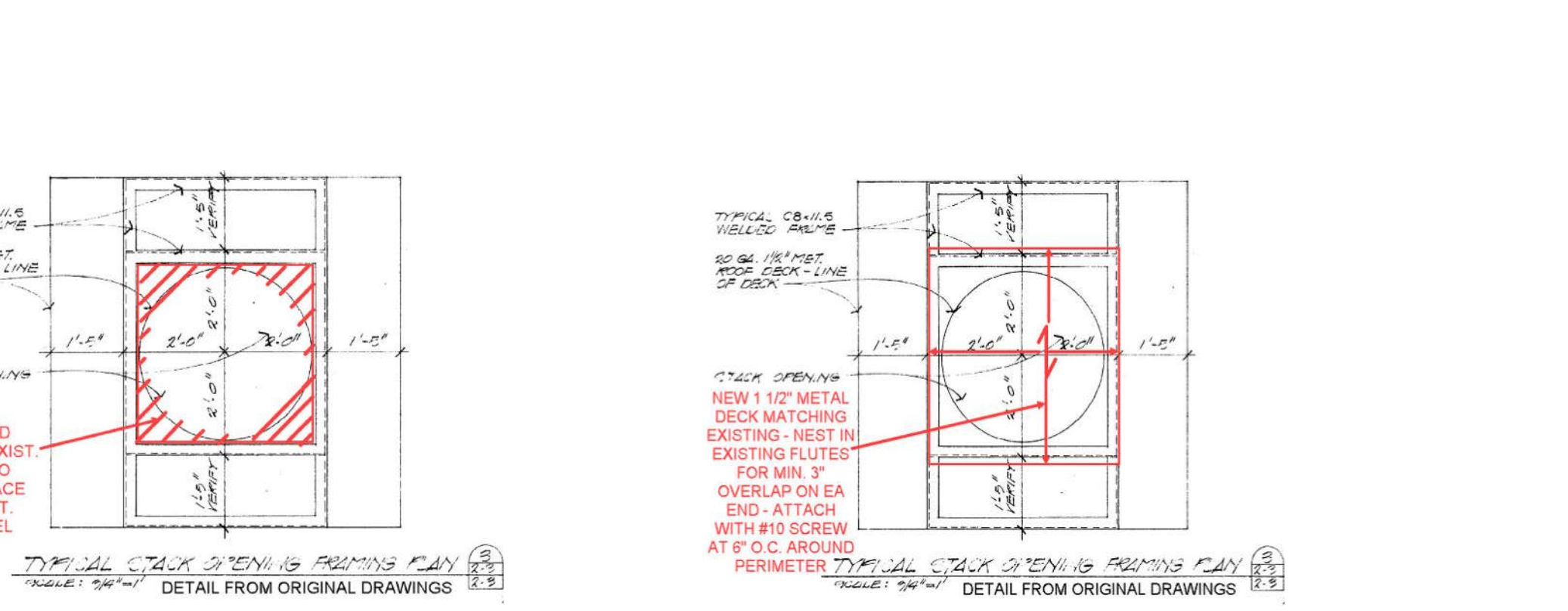
D1 INFILL OF EXIST. OPNG'S IN EXIST. LOAD-BRG. BASEMENT WALL UNDER OR NEAR NEW POST No Scale



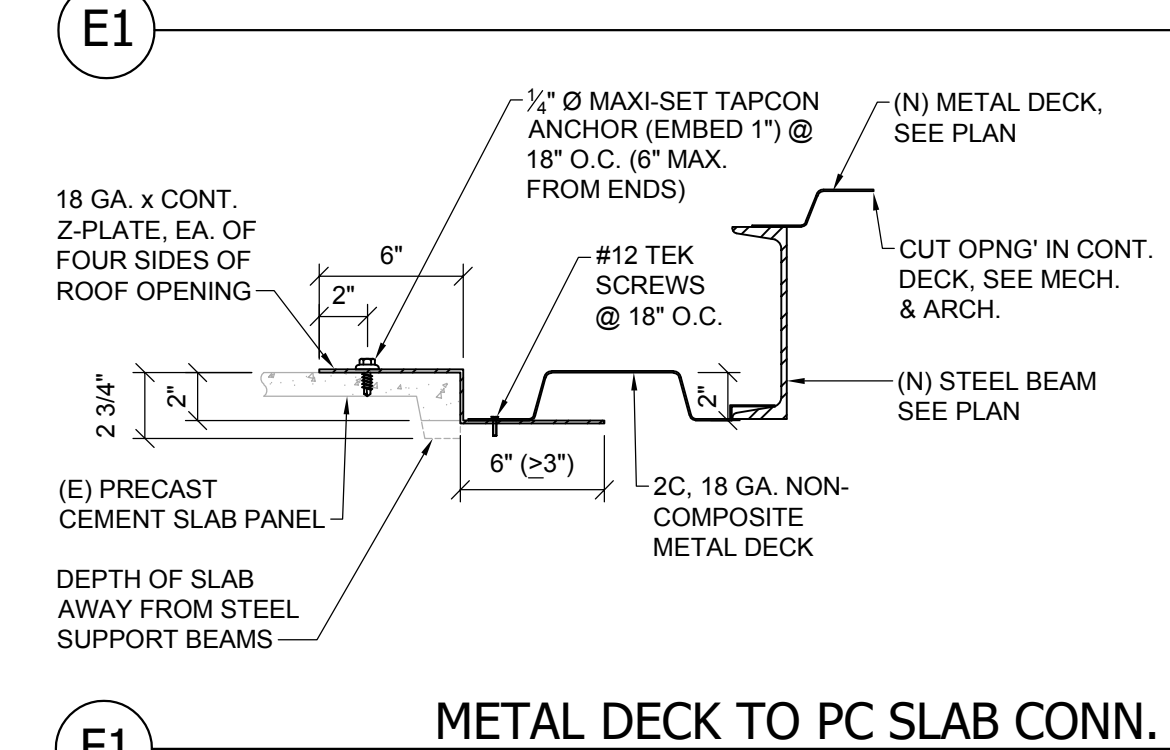
D2 FRAMING AT NEW OPNG' DETAIL Scale: 1 1/2" = 1'-0"



E1 INFILL OF EXISTING STACK OPENINGS No Scale



F1 METAL DECK TO PC SLAB CONN. Scale: 1 1/2" = 1'-0"



F1 METAL DECK TO PC SLAB CONN. Scale: 1 1/2" = 1'-0"

100% CD SUBMITTAL

Table with 2 columns: Revisions and Date. It is currently empty.

CONSULTANTS: FARRIS ENGINEERING OMAHA | LINCOLN | SIOUX FALLS | COLORADO SPRINGS farris-usa.com

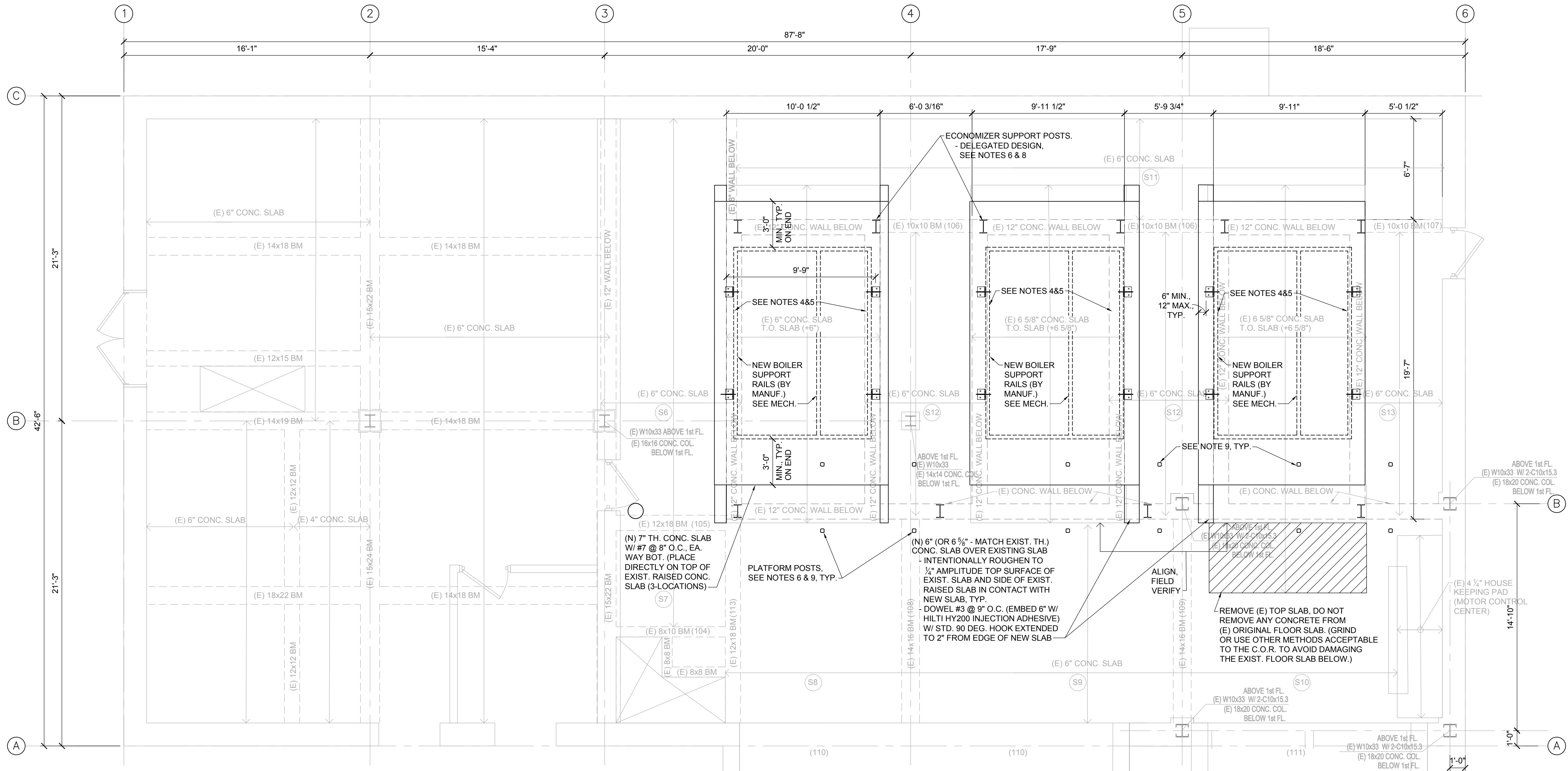
ARCHITECT/ENGINEERS: SHAFFER STEVENS SCHAAP STRUCTURAL ENGINEERS 3705 North 200th Street 99110 North 48th Street, Ste 204, Omaha, NE 68132

Drawing Title: GENERAL STRUCTURAL NOTES & DETAILS Approved Project Director

Table with 3 columns: Project Title (CORRECT MECHANICAL DEFICIENCIES VAMC - OMAHA), Location (OMAHA, NE), Date (05-14-2021), Checked (BAS), Drawn (MGJ), Dwg. of (2SG101).

Office of Construction and Facilities Management Department of Veterans Affairs

three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



FIRST FLOOR FRAMING PLAN
 Scale: 1/4" = 1'-0"

- FIRST FLOOR FRAMING PLAN NOTES**
- FOR STRUCTURAL GENERAL NOTES, SEE SHEET 25G101
 - THE REQUIRED LAYOUTS AND ELEVATIONS OF THE NEW PLATFORMS ARE EXPECTED TO VARY FROM MANUFACTURER TO MANUFACTURER. THEREFORE, THE DESIGN OF THE NEW PLATFORMS IS DELEGATED TO THE CONTRACTOR. NEW PLATFORMS NO LARGER THAN THE EXISTING HUNG PLATFORMS MAY BE HUNG FROM THE EXISTING ROOF STRUCTURE (DELEGATED DESIGN BY CONTRACTOR).
 - * INDICATES DIMENSION TO BE COORDINATED WITH OTHER DISCIPLINES. COORDINATE WITH CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND ARCHITECTURAL DRAWINGS AND EQUIPMENT PROCURED FOR OPENING SIZES AND LOCATIONS.
 - ANY AND ALL TEMPORARY SHORING AND / OR BRACING TO BE DETERMINED AND DESIGNED BY A PROFESSIONAL STRUCTURAL OR CIVIL ENGINEER REGISTERED IN THE STATE OF NEBRASKA (DELEGATED DESIGN) AS REQUIRED TO ACCOMMODATE LOADS INDUCED BY PROCURED EQUIPMENT, AND TRANSPORTED BY CONTRACTORS MEANS AND METHODS.
 - PROCURED BOILERS SHALL HAVE NORTH AND SOUTH SIDES BEARING DIRECTLY ON EXISTING WALLS TO BASEMENT (AS ILLUSTRATED) OR CONTRACTOR SHALL DESIGN AND PROVIDE PERMANENT SUPPORT (INCLUDING FOUNDATIONS AS REQUIRED) FOR NEW BOILERS IN THE SAME MANNER AS INDICATED IN NOTE 4 ABOVE AND OR NOTE 8 BELOW.
 - MECHANICAL PLATFORMS AND ECONOMIZER SUPPORT POSTS TO BE DESIGNED BY A PROFESSIONAL STRUCTURAL OR CIVIL ENGINEER REGISTERED IN THE STATE OF NEBRASKA, IF POST FACTORED LOAD EXCEEDS:
 - 1,600 LB (ULTIMATE) AND NOT ON WALL PER (A1 2609), DELEGATED DESIGNER SHALL DESIGN (AND CONTRACTOR PROVIDE) PERMANENT SUPPORT THROUGH BASEMENT LEVEL, INCLUDING FOUNDATIONS AS REQUIRED. BASEMENT SLAB-ON-GRADE (NOT TO BE USED FOR FOUNDATION SUPPORT) IS APPROXIMATELY 8'-10" BELOW FIRST FLOOR FINISH FLOOR.
 - NEW ECONOMIZER SUPPORT AND PLATFORM STRUCTURES SHALL BE INDEPENDENTLY STABLE AND NOT CONNECT TO EXISTING BUILDING (EXCEPT FLOOR) FOR LATERAL SUPPORT. SEE MECH. AND ARCH. FOR ADDITIONAL SCHEMATIC REQUIREMENTS OF ECONOMIZER SUPPORT AND PLATFORM STRUCTURES.
 - INDICATES ECONOMIZER SUPPORT POST (MUST BE ON WALL VOID) SEE (A1 2609), EXCEPT AS ADDRESSED IN NOTE 6 ABOVE.
 - INDICATES HSS POSTS (3" MAX. WIDTH) FOR PLATFORMS AVOID CONFLICTS W/ REQ'D ACCESS / MAINTENANCE FOR BOILERS COORDINATE W/ MANUF. OF PROCURED BOILERS.
 - FOR NEW CONCRETE HOUSEKEEPING PADS, SEE MECH. ARCH. AND (C1 2609)

DEDUCT ALTERNATE 2
 DELETE STACK ECONOMIZER SECTIONS AND ASSOCIATED SUPPORT STRUCTURE ON EACH OF 3-NEW BOILERS

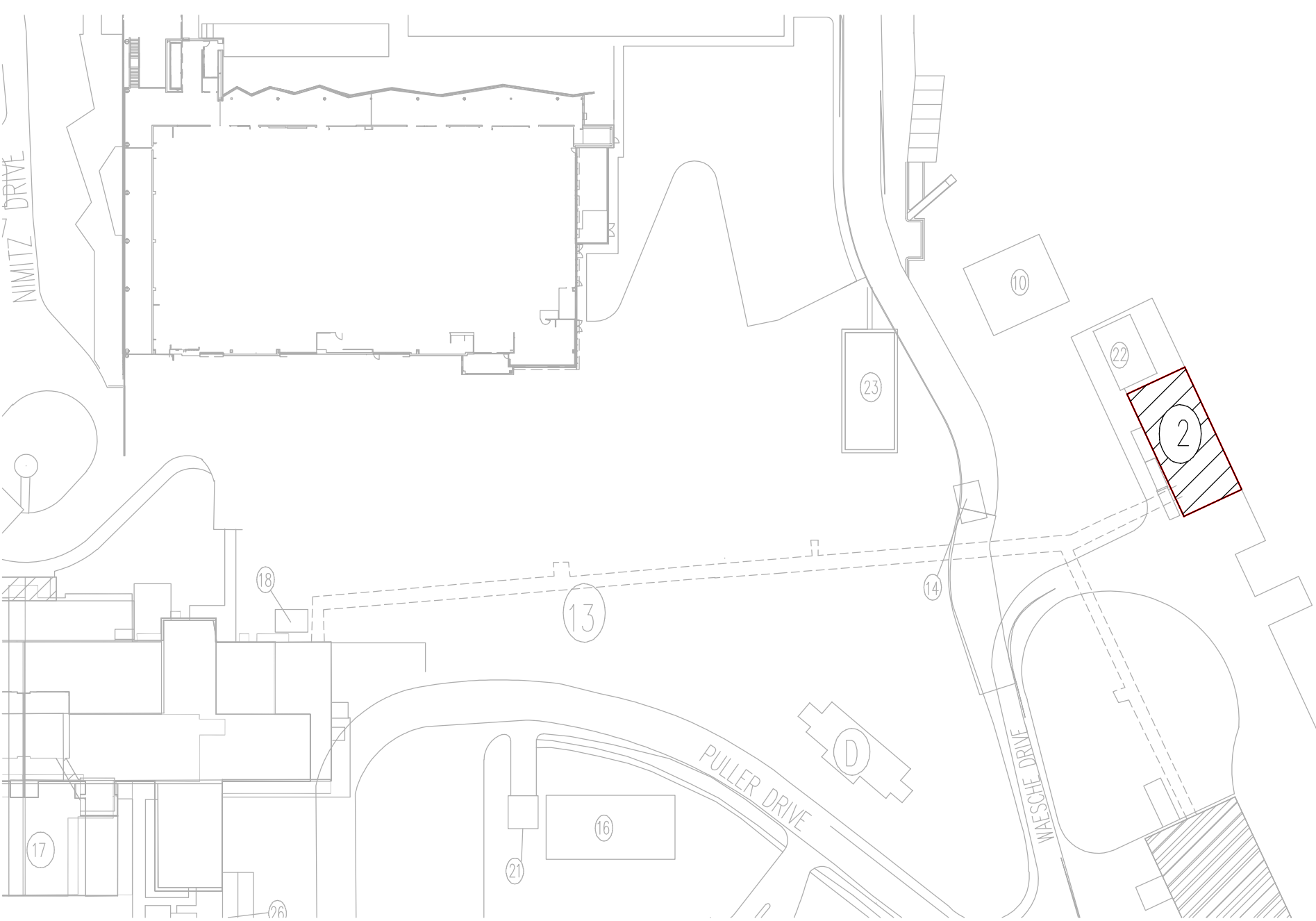
BEAM SCHEDULE

BEAM MARK	SPAN	DEPTH	WEIGHT	SPACING	STIRRUPS	REMARKS
101	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
102	12x18	2'-5 1/2"	184	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
103	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
104	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
105	12x18	2'-5 1/2"	184	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
106	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
107	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
108	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
109	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
110	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
111	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
112	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
113	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
114	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
115	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
116	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
117	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
118	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
119	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
120	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
121	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
122	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	
123	14x18	2'-5 1/2"	217	2'-7"	3 #4 @ 18" 2 #8 @ 24"	

SLAB SCHEDULE

SLAB MARK	THICKNESS	SPACING	REMARKS
S1	6"	18"	CONC. SLAB
S2	6"	18"	CONC. SLAB
S3	6"	18"	CONC. SLAB
S4	6"	18"	CONC. SLAB
S5	6"	18"	CONC. SLAB
S6	6"	18"	CONC. SLAB
S7	6"	18"	CONC. SLAB
S8	6"	18"	CONC. SLAB
S9	6"	18"	CONC. SLAB
S10	6"	18"	CONC. SLAB
S11	6"	18"	CONC. SLAB
S12	6"	18"	CONC. SLAB
S13	6"	18"	CONC. SLAB
S14	6"	18"	CONC. SLAB
S15	6"	18"	CONC. SLAB
S16	6"	18"	CONC. SLAB
S17	6"	18"	CONC. SLAB
S18	6"	18"	CONC. SLAB
S19	6"	18"	CONC. SLAB
S20	6"	18"	CONC. SLAB
S21	6"	18"	CONC. SLAB
S22	6"	18"	CONC. SLAB
S23	6"	18"	CONC. SLAB
S24	6"	18"	CONC. SLAB
S25	6"	18"	CONC. SLAB
S26	6"	18"	CONC. SLAB
S27	6"	18"	CONC. SLAB
S28	6"	18"	CONC. SLAB
S29	6"	18"	CONC. SLAB
S30	6"	18"	CONC. SLAB
S31	6"	18"	CONC. SLAB
S32	6"	18"	CONC. SLAB
S33	6"	18"	CONC. SLAB
S34	6"	18"	CONC. SLAB
S35	6"	18"	CONC. SLAB
S36	6"	18"	CONC. SLAB
S37	6"	18"	CONC. SLAB
S38	6"	18"	CONC. SLAB
S39	6"	18"	CONC. SLAB
S40	6"	18"	CONC. SLAB
S41	6"	18"	CONC. SLAB
S42	6"	18"	CONC. SLAB
S43	6"	18"	CONC. SLAB
S44	6"	18"	CONC. SLAB
S45	6"	18"	CONC. SLAB
S46	6"	18"	CONC. SLAB
S47	6"	18"	CONC. SLAB
S48	6"	18"	CONC. SLAB
S49	6"	18"	CONC. SLAB
S50	6"	18"	CONC. SLAB

SCHEDULES FROM ORIGINAL DRAWINGS
 No Scale

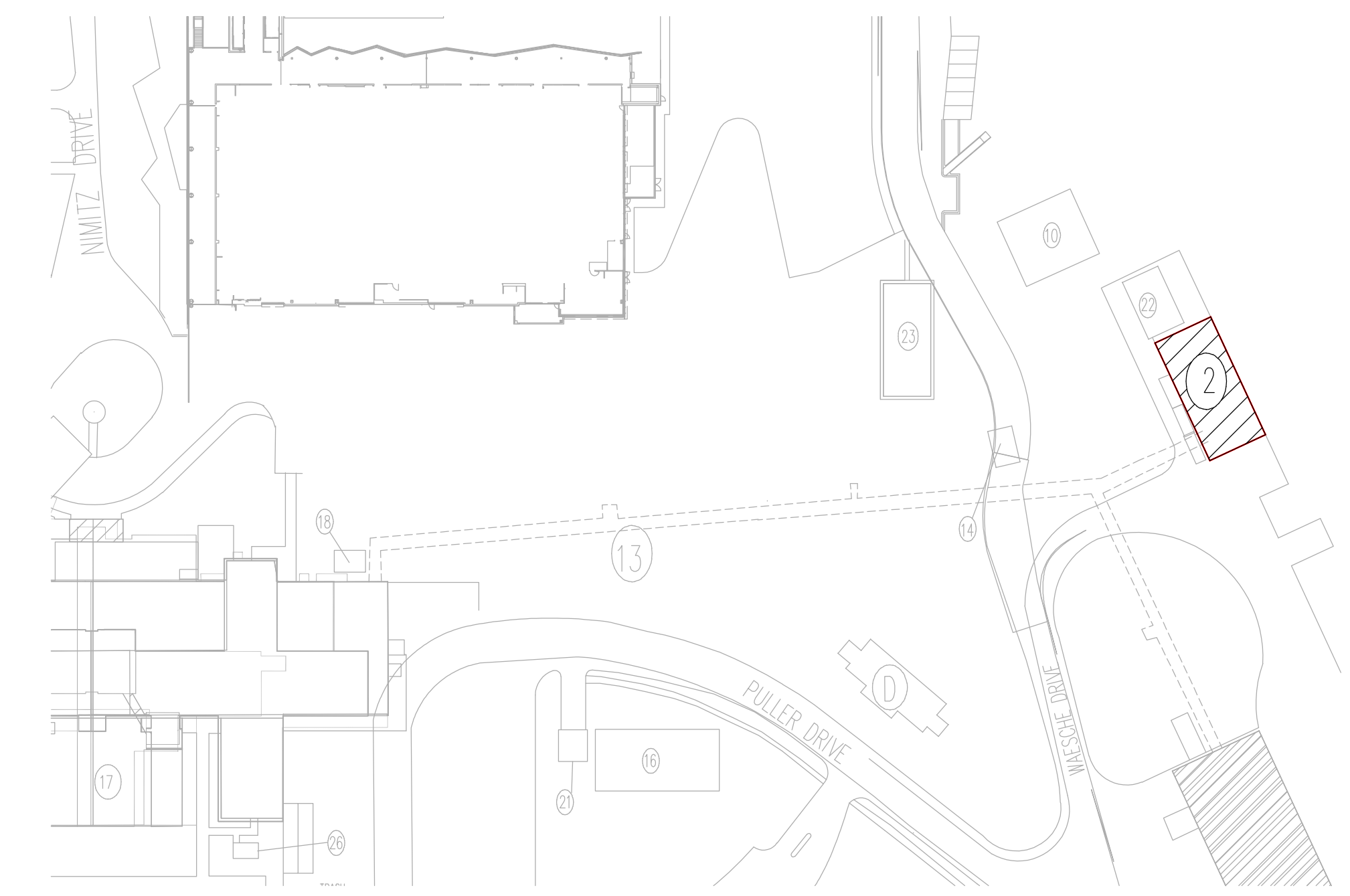
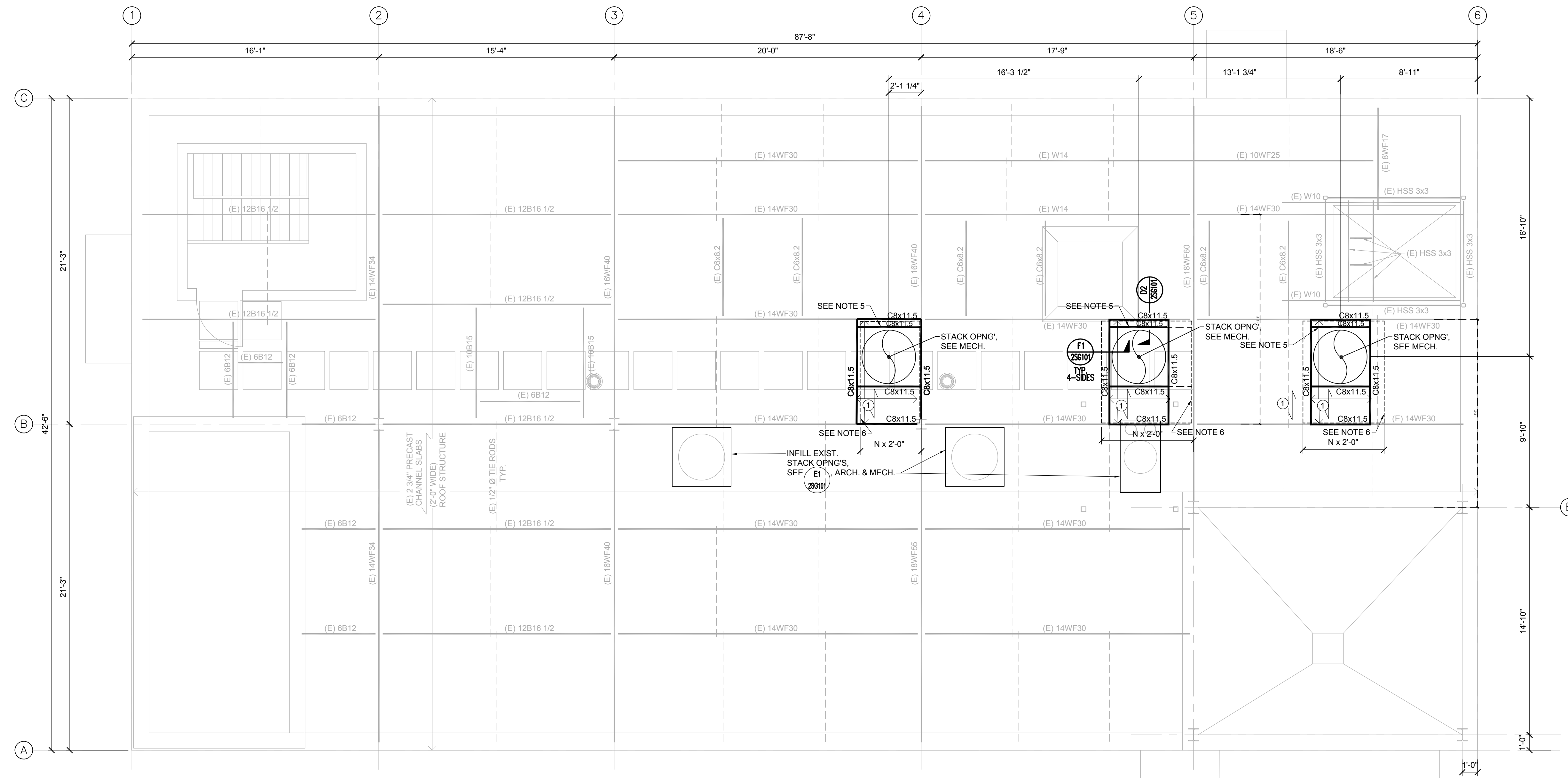


LOCATION PLAN
 NORTH

100% CD SUBMITTAL

<p>Revisions</p> <table border="1"> <tr><th>No.</th><th>Description</th><th>Date</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	No.	Description	Date										<p>CONSULTANTS:</p>	<p>ARCHITECT/ENGINEERS:</p> <p>FARRIS ENGINEERING OMAHA LINCOLN SIDNEY COLORADO SPRINGS farris-usa.com FEI # 182047</p> <p>SHAFER STEVENS SCHAAP STRUCTURAL ENGINEERS 3705 North 200th Street 9910 North 48th Street, Ste 204, Omaha, NE 68132 402.455.7998 www.s3ep.com</p> <p>CLH PROJECT Calvin L. Hinz CLH PROJECT NO. 18-013</p>	<p>Drawing Title BUILDING 2 - FIRST FLOOR FRAMING PLAN</p> <p>Approved Project Director</p>	<p>Project Title CORRECT MECHANICAL DEFICIENCIES VAMC - OMAHA</p> <p>Location OMAHA, NE</p> <p>Date 05-14-2021</p> <p>Checked BAS</p> <p>Drawn MGJ</p>	<p>Project Number 636-19-301</p> <p>Building Number 2</p> <p>Drawing Number 2SF101</p> <p>Dwg. of</p>	<p>Office of Construction and Facilities Management</p> <p>Department of Veterans Affairs</p>
	No.	Description	Date															
<p>VA FORM 08-6231</p>																		

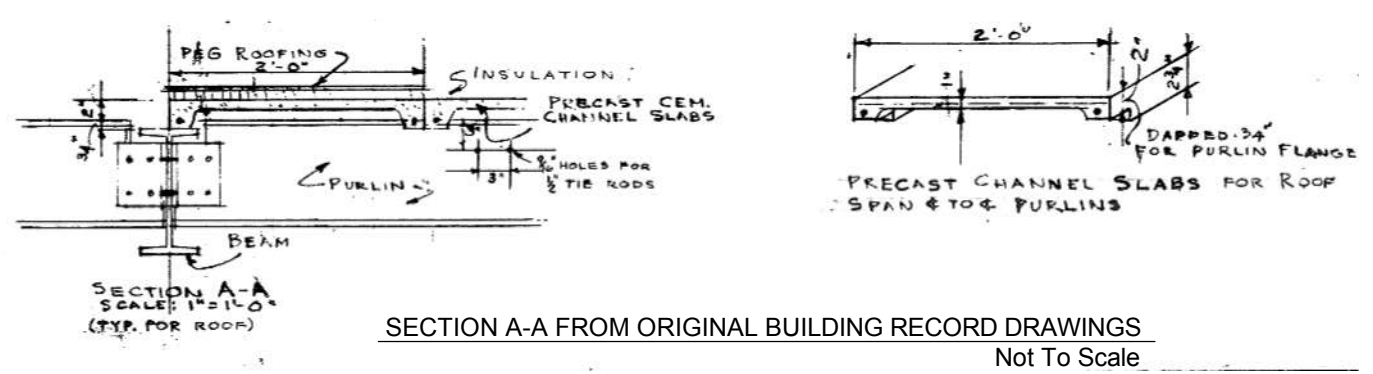
three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot
 three eighths inch = one foot
 one half inch = one foot
 one and one half inches = one foot
 three inches = one foot



ROOF FRAMING PLAN
 Scale: 1/4" = 1'-0"

ROOF FRAMING PLAN NOTES

- FOR STRUCTURAL GENERAL NOTES, SEE SHEET 2SG101.
- TOP OF STEEL (T.O.S.) ELEVATION = MATCH EXISTING.
- * INDICATES DIMENSION TO BE COORDINATED WITH OTHER DISCIPLINES, COORDINATE WITH CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND ARCHITECTURAL DRAWINGS AND EQUIPMENT PROCURED FOR OPENING SIZES AND LOCATIONS.
- "E.O.D." INDICATES EDGE OF DECK DIMENSION.
- FOR NEW OPENING IN EXISTING ROOF, REMOVE ENTIRE EXISTING PRECAST CEMENT CHANNEL ROOF PANEL(S) ON CENTERLINE OVER EXISTING STEEL BEAMS (DO NOT SAWCUT). INSTALL NEW STEEL BEAM CHANNEL FRAME AND METAL DECK AND SAWCUT NEW OPENING FOR STACK. EXTENTS OF EXISTING PRECAST SLAB REMOVAL AND ASSOCIATED NEW ROOF TO BE FIELD VERIFIED AND ADJUSTED AT NO ADDITIONAL COST.
- WHERE NEW OPENING IS GREATER THAN 1'-3" FROM CENTERLINE OF EXISTING ROOF BEAM ADD C8x11 MEMBERS AS DASHED, WHERE LESS THAN 1'-3", SEE F1 2510 4-300S.
- ① INDICATES: 1 1/2" WIDE RIB, 18-GAUGE METAL ROOF DECK.
- SEE ARCH. FOR NEW GUARDRAIL AND C3 2810 FOR CONNECTION TO (E) BRICK MASONRY PARAPET.
- THE REQUIRED LAYOUTS AND ELEVATIONS OF THE NEW PLATFORMS ARE EXPECTED TO VARY FROM MANUFACTURER TO MANUFACTURER. THEREFORE, THE DESIGN OF THE NEW PLATFORMS IS DELEGATED TO THE CONTRACTOR. NEW PLATFORMS NO LARGER THAN THE EXISTING HUNG PLATFORMS MAY BE HUNG FROM THE EXISTING ROOF STRUCTURE (DELEGATED DESIGN BY CONTRACTOR).



LOCATION PLAN

100% CD SUBMITTAL

Revisions	Date

CONSULTANTS:	

	ARCHITECT/ENGINEERS: FARRIS ENGINEERING OMAHA LINCOLN SIDNEY COLORADO SPRINGS farris-usa.com FEI # 182047 <small>This document and the information contained may not be reproduced or excerpted from without the express written permission of Farris Engineering, Inc. Unauthorized copying, disclosure or construction use are prohibited by the copyright law.</small>	
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Drawing Title	BUILDING 2 - ROOF FRAMING PLAN
Approved Project Director	

Project Title	CORRECT MECHANICAL DEFICIENCIES VAMC - OMAHA
Location	OMAHA, NE
Date	05-14-2021
Checked	BAS
Drawn	MGJ

Project Number	636-19-301
Building Number	2
Drawing Number	2SF102
Dwg. of	

Office of Construction and Facilities Management
 Department of Veterans Affairs