



ADDENDUM# 1

DATE: May 18, 2022

PROJECT NO: 21323

PROJECT: Ogden High School Boiler and ROTC Building HVAC Replacement

The following revision, additions, deletions, and/or items of clarification shall hereby be included as an integral part of the Contract Documents for the above-listed project and shall be fully binding. All other requirements of the original plans and specification shall remain in effect in their respective order.

DIVISION – 21,22,23,26

GENERAL

1. Refer to Attached Structural Engineers Memorandum for new boiler flue penetrations of existing concrete floor.

DRAWINGS

SHEET - M401 Boiler Room Plans

1. Add to Keyed Note# 2 Refer to Structural Engineers Memorandum for core cut flue openings.

SPECIFICATION

SECTION 23 2113 Hydronic Piping

1. PART 3 – EXECUTION, B. Hot-water heating piping, aboveground, NPS 2-12 and larger, shall be any of the following: Add paragraph 2. Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints.

SECTION 23 5100 Condensing Boilers

1. 2.6 Venting Kits, B. Add, Or single wall, factory-built type, designed for use in conjunction with Category IV condensing gas fired appliances, or as specified by the equipment manufacturer.

PRIOR APPROVALS

The following manufacturers, trade names and products are allowed to bid on a name brand only basis with the provision that they completely satisfy all and every requirement of the drawings, specifications and all addenda shall conform to the design, quality and standards specified, established and required for the complete and satisfactory installation and performance of the building and all its respective parts.

<u>Item</u>	<u>Manufacturer</u>	<u>Comments</u>
Condensing Boilers	Fulton	Approved
Hydronic Unit Heaters	Sigma	Approved
Wye Strainers	Griswold Controls	Approved
Thermometers & Gauges	Weiss	Approved
Make-up Air Unit	Thermotech	Not Approved
Dedicated Outside Air Supply	Valent	Not Approved
Valves	ISLIP	Approved
Pumps	Grundfos	Not Approved
Unit Heaters	Airtherm	Approved
Unit Heaters	Sterling	Approved



MEMORANDUM

Project: OHS ROTC Shop Building – New Mechanical Floor Penetrations Project No: 22916
Location: 2828 Harrison BLVD, Ogden UT Date: May 2, 2022
() Telephone () Conference () Field (X) Memo
Memo by: McKay Parrish

RE: ARW Licensing and Experience

Comments/Items Discussed:

As Requested, ARW Engineers has completed a limited investigation of the existing floor structure at the above referenced site. The investigation was limited to reviewing the floor penetrations above the new boilers as indicated in the attached photo and as redlined in the original drawings provided to ARW Engineers by VBFA.

The investigation was limited to reviewing the original building floor framing plan and the (3) new 17" diameter hole penetrations (overlapping existing floor penetrations) in the suspended concrete slab above the new steam boilers, as indicated by VBFA. The (3) new openings will only penetrate the floor slab and not the web or vertical portion of the concrete beams supporting the slab. The distance between concrete floor beams is approximately 2'-3".

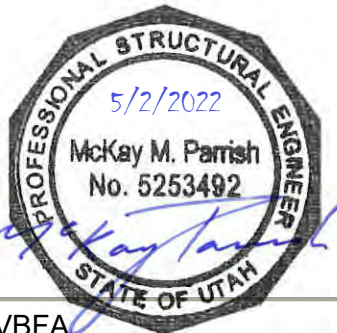
The contractor is to locate the (3) new penetrations within the beam spacing indicated in the attached drawings. The new penetrations are to overlap/eliminate the existing pipe penetrations in the same slab without the new penetrations being drilled any closer to the concrete beams below. If the new penetrations are installed in this manner, no additional secondary reinforcement is required around the new floor penetrations.

The conclusions and recommendations provided in this memorandum are based on information provided by others. It should be understood that this investigation was not exhaustive and did not include any investigation of concrete floor joists and slabs other than the ones surrounding the new floor penetrations. As additional information becomes available, the conclusions and recommendations contained in this report may need to be re-evaluated and amended.

If you have any questions, or if we can be of further assistance, please let us know.

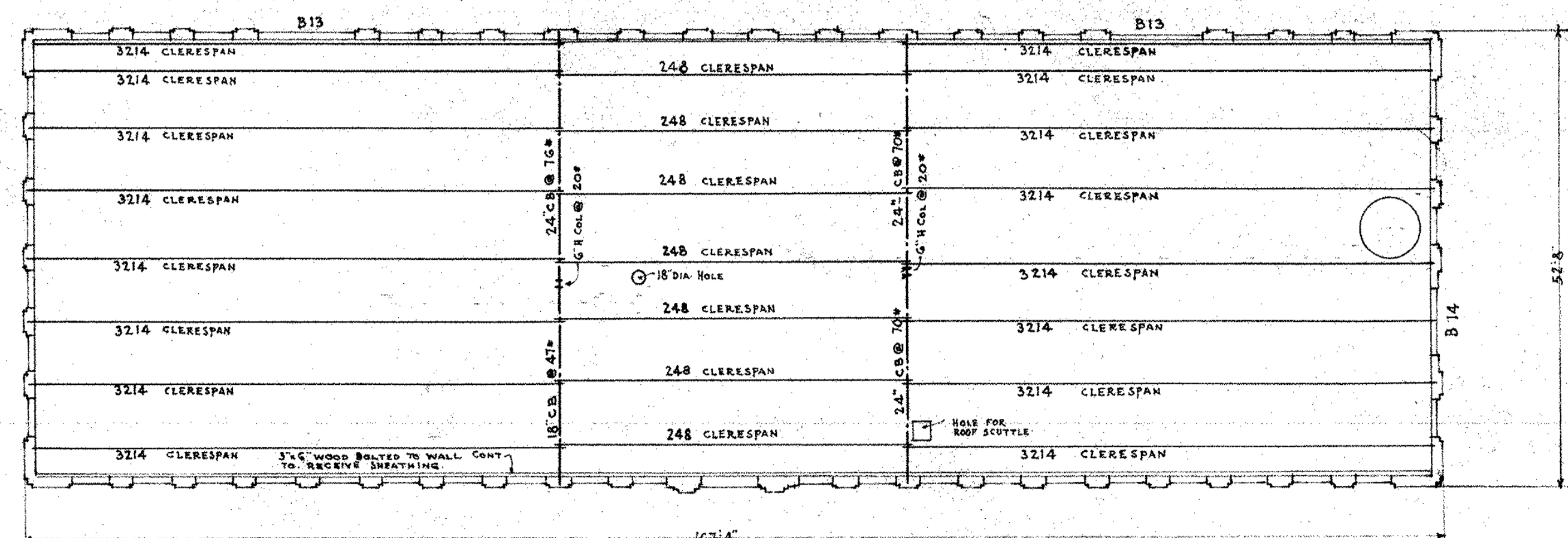
Sincerely,

McKay Parrish, SE



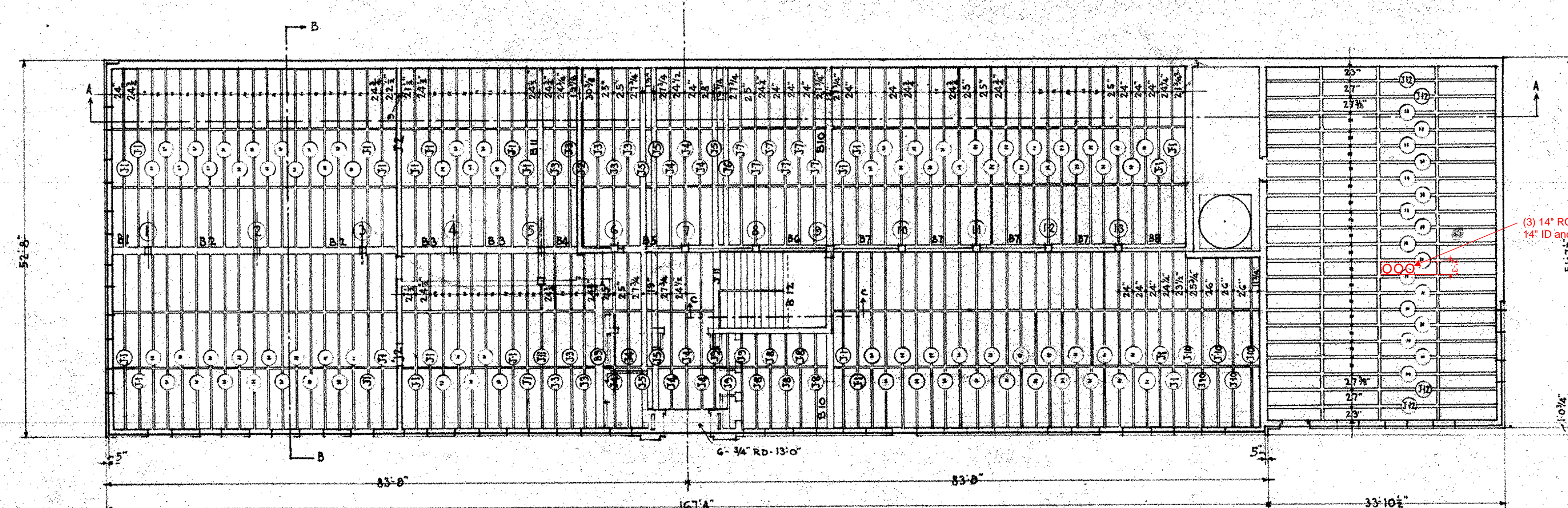
Copy to: Dennis Bennion - VBFA

Filing: (X) Project File () Other

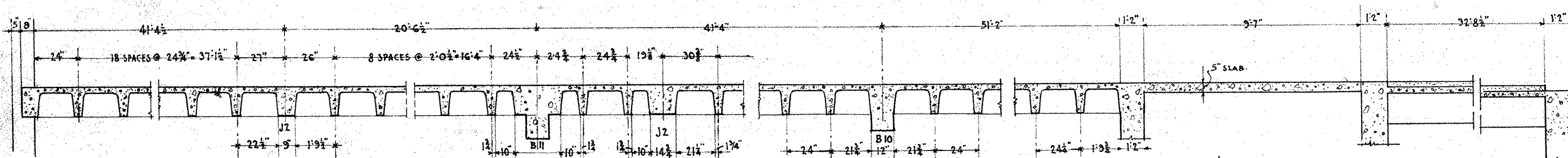


ROOF FRAMING PLAN
SCALE 1/16" = 1'-0"

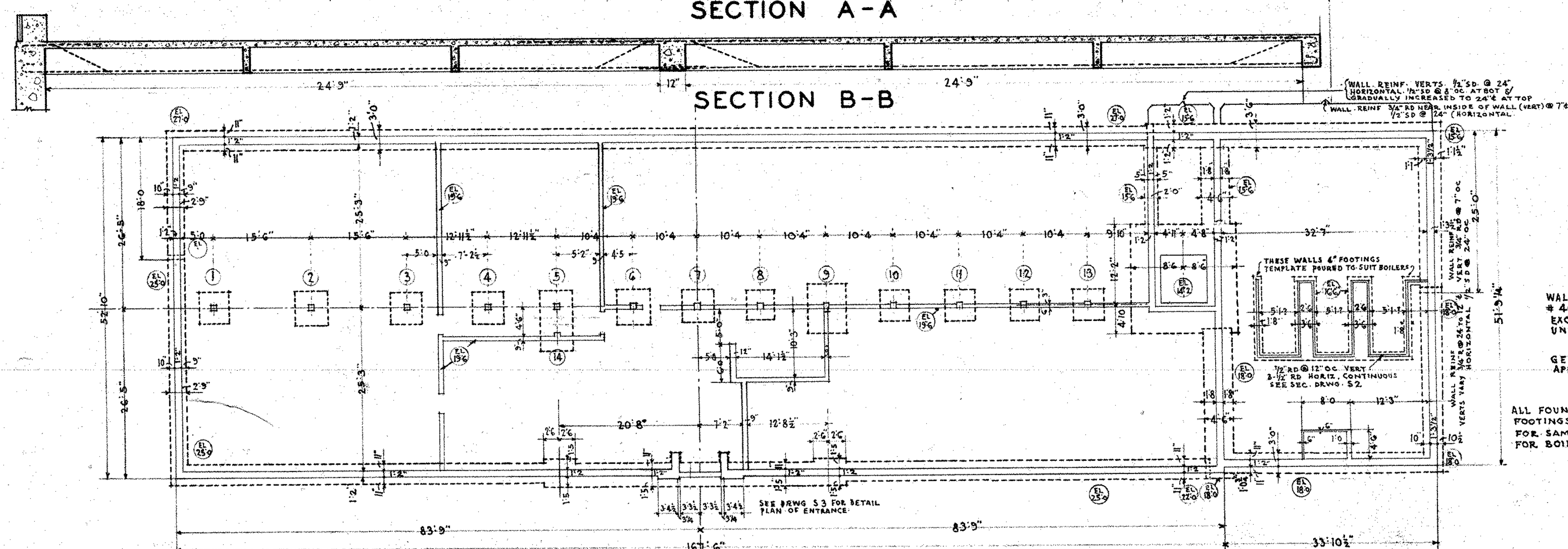
FROM THE CHURCH OF CHRISTIAN TRUSTS
FOR THE BIBLE, 2000, STAGGARD



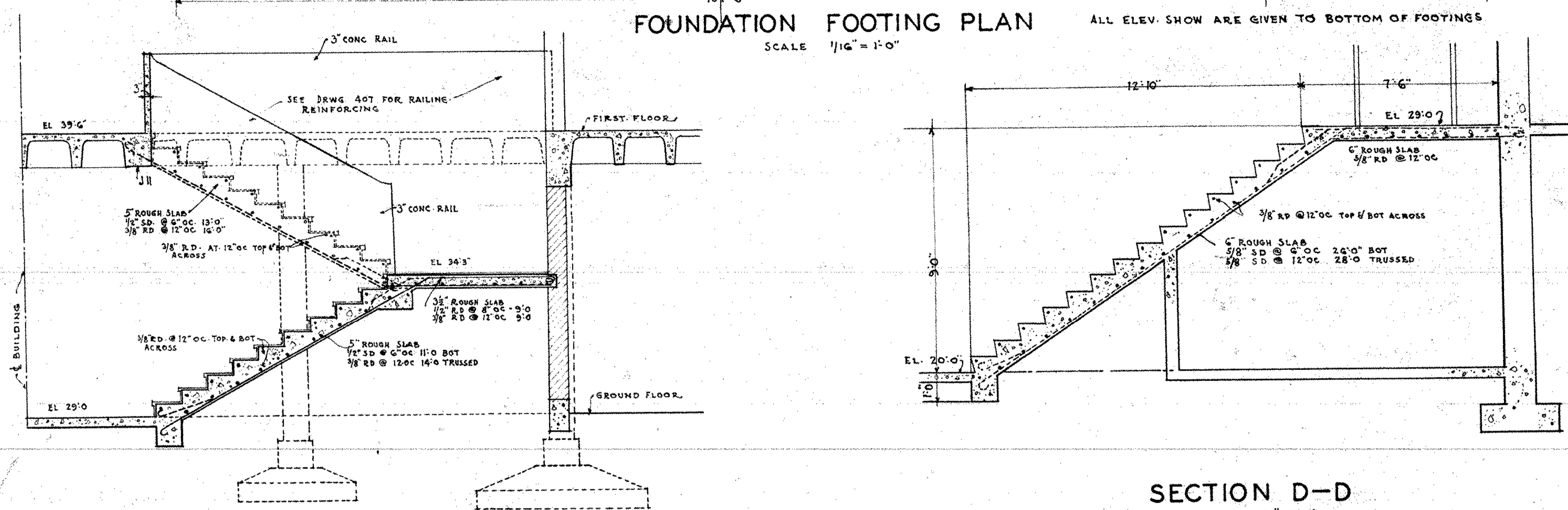
FIRST FLOOR FRAMING PLAN
SCALE 1/16" = 1'-0"



SECTION A-A



SECTION B-B



FOUNDATION FOOTING PLAN
SCALE 1/16" = 1'-0"

ALL ELEV. SHOW ARE GIVEN TO BOTTOM OF FOOTINGS

SECTION C-C
SCALE 3/16" = 1'-0"

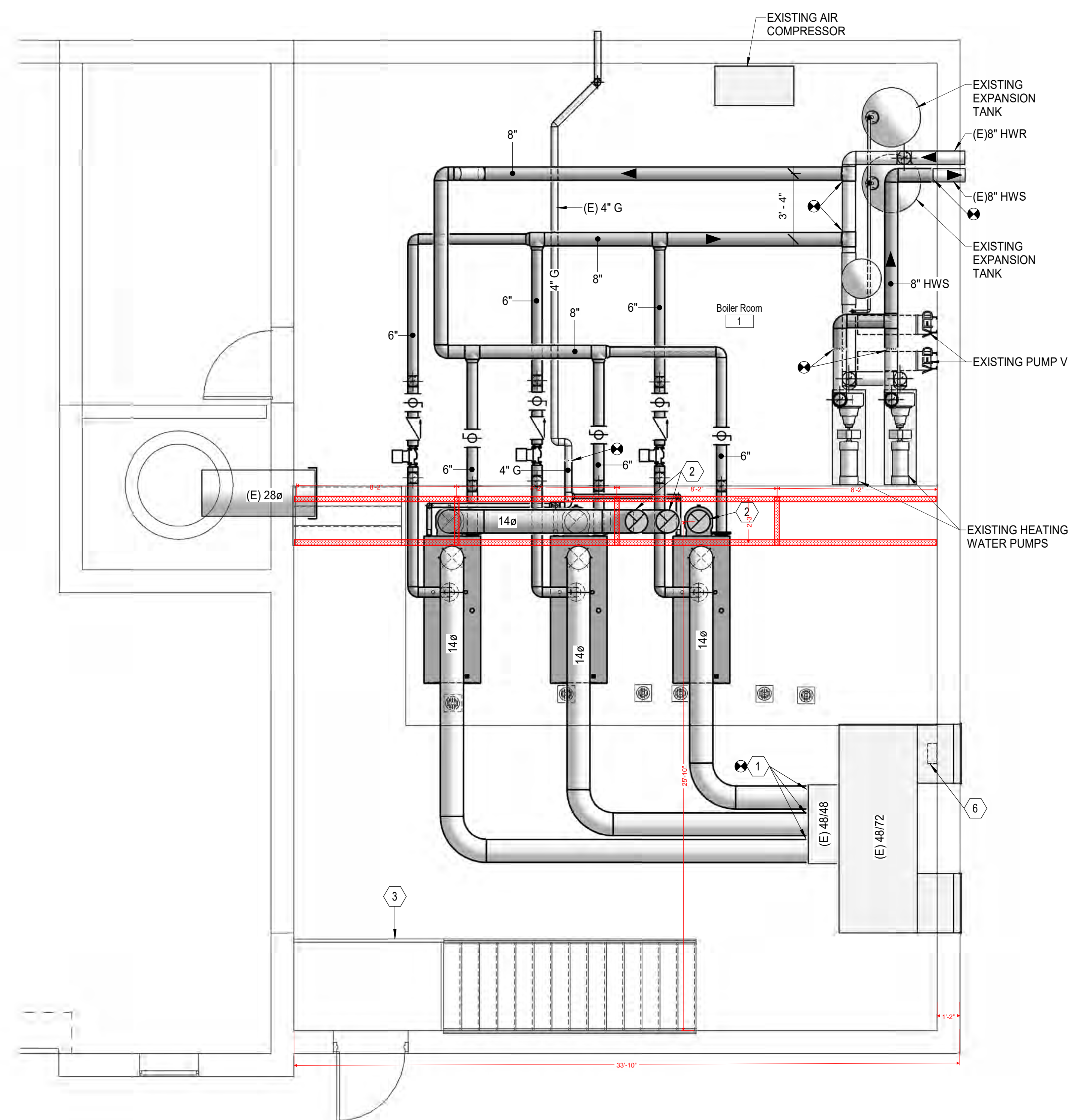
SECTION D-D
SCALE 3/16" = 1'-0"

WALL FOOTING SCHEDULE ON DRAWING # 401 APPLIES TO THIS BUILDING. SAFETY ALL FOOTINGS TO BE 12" THICK UNLESS OTHERWISE SHOWN.

GENERAL NOTES ON DRAWING # 401 APPLY ALSO TO THIS SHOP BUILDING.

COLUMN NUMBER	SIZE	VERTICAL
1-3-7	12" x 12"	4-3/4" RD.
2	12" x 12"	4-3/4" RD.
4	12" x 12"	4-3/4" RD.
5	12" x 12"	4-3/4" RD.
14	12" x 12"	4-3/4" RD.
6	12" x 12"	4-3/4" RD.
8-10-11	12" x 12"	4-3/4" RD.
12-13	12" x 12"	4-3/4" RD.
9	12" x 24"	4-3/4" RD.

1 BOILER ROOM PLAN
SCALE: 1/4" = 1'-0"



KEYED NOTES

1. STUB COMBUSTION AIR DUCTS INTO EXISTING 48/48 PLENUM AND SEAL ALL AROUND AIR TIGHT.
2. RISE 14" BOILER FLUES AGAINST WALL UP THROUGH FLOOR.
3. REMOVE AND REINSTALL EXISTING STAIR LANDING RAILING TO FACILITATE INSTALLATION OF NEW BOILERS.
4. EXISTING COMBUSTION AIR CONTROL PANEL TO BE REMOVED.
5. EXISTING BOILER CONTROL PANEL TO BE REMOVED.
6. NEW BOILER CONTROL PANEL.

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http://www.VBFA.com
SEAL

VBFA

CLIENT LOGO

CLIENT:
Ogden School District
1950 Monroe Blvd,
Ogden, UT 84401

THIS SQUARE APPEARS 12"x12" ON FULL SIZE SHEETS

NO	DATE	REVISION

PROJECT NAME:
Ogden High School Boiler Replacement

2828 Harrison BLVD
Ogden, UT 84403

DRAWING TITLE:
BOILER ROOM PLANS

FILE: XXX
DRAWN BY: Author
CHECKED BY: Checker
PROJ. NO: 21323
DRAWING NO:

M401

SEE DRAWING # 7, FOR STYLE, TYPE, DESIGN ETC. OF DOORS & FRAMES
ABBREVIATIONS: SEE EXPLANATION DRAWING # 6

SHOP BUILDING

HARRISON HIGH SCHOOL
OGDEN CITY SCHOOL DISTRICT
OGDEN UTAH

SERIES 200
3-30-36

LESLIE S. HODGSON, AIA
MYRL A. WAGLEMAN, AIA
ARCHITECTS
ECCLES BUILDING, OGDEN UTAH

APPROVED APRIL 20 1936

R. A. Hart

STATE DIRECTOR
P.W.A. FOR UTAH

DRAWING
S4

P.W.A. DOCKET NO.

1423

PROJECT NO.