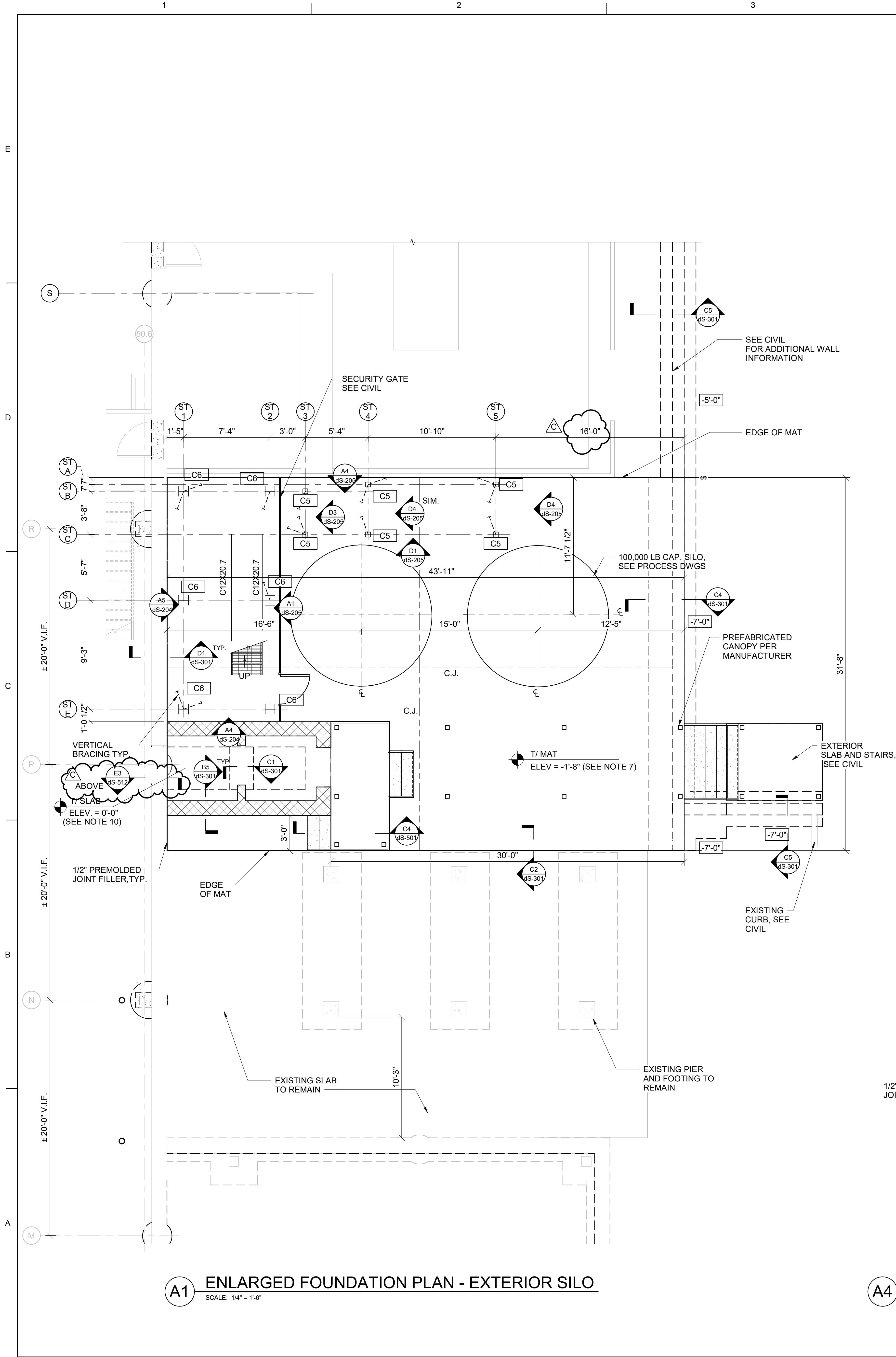
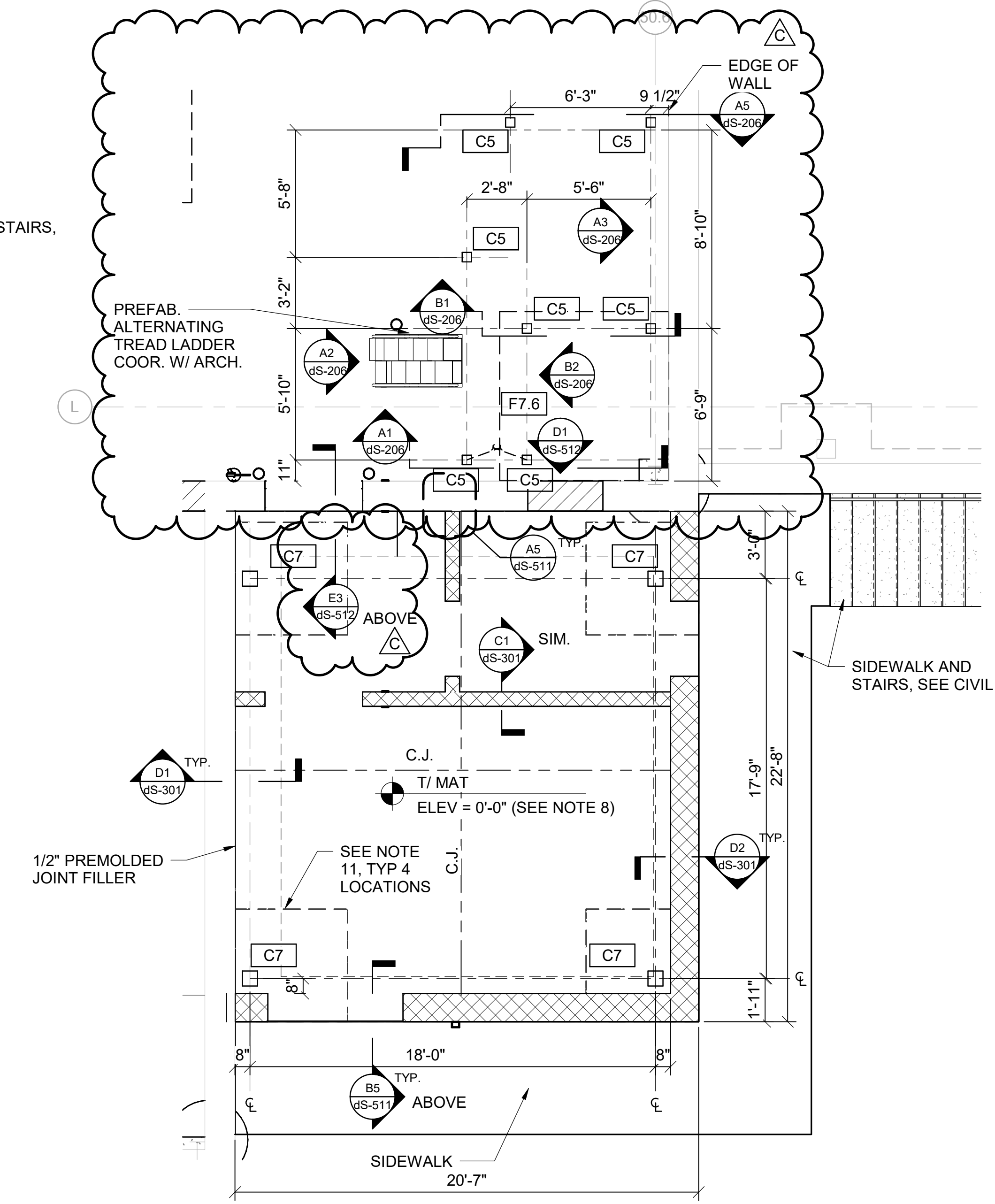


4/24/2026 6:42:26 PM Autodesk Docs/Baxter and Vantive Mountain Home/BAXTER_VANTIVE_Master Base File_STPC_V2.vit



A1 ENLARGED FOUNDATION PLAN - EXTERIOR SILO
SCALE: 1/4" = 1'-0"



A4 ENLARGED FOUNDATION PLAN -BREAKER PLATE ADDITION
SCALE: 1/4" = 1'-0"

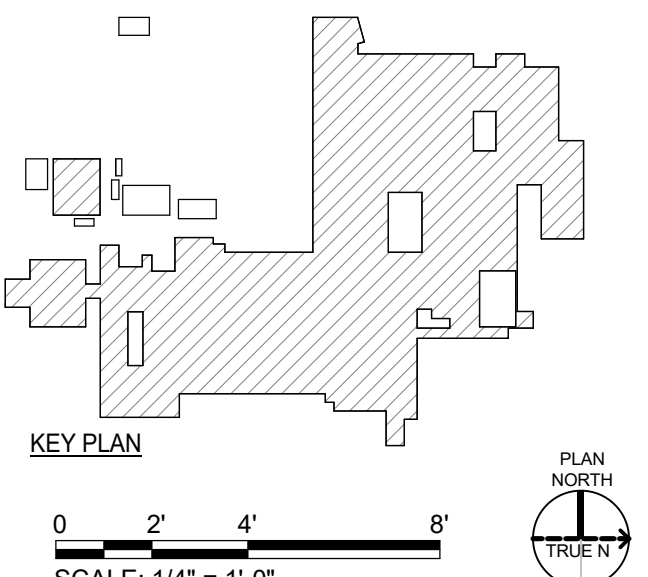
SHEET NOTES

- SEE SHEETS dS-001 & dS-002 FOR GENERAL STRUCTURAL NOTES AND ABBREVIATION KEY.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE BEGINNING ANY WORK. DEVELOPMENT OF ANY SHOP DRAWINGS, OR PROCUREMENT OR FABRICATION OF ANY MATERIALS. NOTIFY ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES.
- INDICATED LAYOUT OF EXISTING FOUNDATIONS IS PROVIDED FOR SCHEMATIC PURPOSES ONLY. CONTRACTOR SHALL NOT CUT INTO OR DISTURB ANY PORTION OF THE EXISTING FOUNDATIONS, UNLESS NOTED OTHERWISE.
- STAIR TREADS SHALL BE 1 1/2" THK X 12" GRIP STRUT, GALVANIZED.
- METAL GRATING: GW 100, 19-W-4 (1"X3/16"), HOT DIPPED GALVANIZED, NON SERRATED, PROVIDE BANDING ALONG ALL EDGES. ALL STEEL SHALL CONFORM TO ASTM A1011.
- CMU WALLS SHALL BE 8" THICK AND HAVE #5 @ 24" O.C. VERTICAL REINFORCEMENT AND HAVE BOND BEAMS AT 48" O.C. W/ (1) # 4, EXCEPT AT TOP OF WALL WHICH SHALL HAVE (2) #5 HORIZONTAL BARS.
- MAT FOUNDATION AT SILO AREA SHALL BE 24" THICK CONCRETE, REINFORCED WITH #6 @ 9" O.C. EACH WAY TOP AND BOTTOM. SLAB SHALL BE PLACED OVER 6" CRUSHED STONE SUBGRADE.
- MAT FOUNDATION AT BREAKER PLATE AREA SHALL BE 12" THICK CONCRETE, REINFORCED WITH #4 @ 12" O.C. EACH WAY TOP AND BOTTOM. SLAB SHALL BE PLACED OVER 15 mil VAPOR RETARDER AND 6" CRUSHED STONE SUBGRADE.
- AREA AT EXTERIOR SILO MAT FOUNDATIONS AND BREAKER PLATE ROOM REQUIRE SOIL IMPROVEMENTS WITH AGGREGATE PIERS PER GEOTECHNICAL REPORT. SEE GENERAL NOTE C ON SHEET dS-001 FOR ADDITIONAL REQUIREMENTS.
- SLAB ON GRADE AT AIRLOCK SHALL BE 6" THICK CONCRETE, REINFORCED WITH #4 @ 12" O.C. EACH WAY PLACED AT MID-DEPTH OF SLAB. SLAB SHALL BE PLACED OVER 15 mil VAPOR RETARDER AND 6" CRUSHED STONE SUBGRADE.
- AT AREA INDICATED ON PLAN, PROVIDE 5'-0" x 5'-0" THICKENED MAT SLAB FOOTPRINT. THIS ONLY OCCURS AT MOMENT FRAME COLUMN LOCATIONS INDICATED ON PLAN. PROVIDE THICKENED MAT SLAB TO BE 18" THICK.
- REFERENCE FLOOR ELEVATION OF 0'-0" CORRESPONDS TO USGS ELEVATION OF 920.87' AT EXISTING BUILDING FINISHED FLOOR. SEE CIVIL DRAWINGS.
- SILO BASIS OF DESIGN:
A. SHEAR 16K
B. MOMENT 318K.FT
C. VERTICAL REACTION 118000 K

VANTIVE TUBING COLUMN SCHEDULE		
MARK	SIZE	BASE PLATE
C1	HSS 10x10x5/8	SEE BASE PLATE DETAILS
C5	HSS 5x5x1/4	SEE BASE PLATE DETAILS
C6	W10x49	SEE BASE PLATE DETAILS
C7	HSS 8x8x1/2	SEE BASE PLATE DETAILS

SHEET LEGEND

- NEW CMU WALL
- FOOTING STEP, SEE DETAIL C2 / dS-501
- C# COLUMN TYPE, SEE SCHEDULE
- F# FOOTING TYPE, SEE SCHEDULE
- #/# TOP OF FOOTING ELEVATION



POND

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EOR/AOR SEAL

COA SEAL

CLIENT INFORMATION

PROJECT NAME

**VANTIVE TUBING
CLEAN ROOM**

1900 AR-201
MOUNTAIN HOME,
ARKANSAS 72653

DRAWING ISSUE

04/24/2026	DATE
07/23/2026	DATE

ISSUED FOR BID, EQ BID
ISSUED FOR APPROVAL
DESCRIPTION

C A MARK

DESIGNED BY: TR
DRAWN BY: TR
CHECKED BY: WH
SUBMITTED BY: MM
DATE: 04/24/2026
PROJECT #: 1241011

SHEET TITLE

**ENLARGED
FOUNDATION
PLANS-EXTERIOR
ADDITIONS**

SHEET NUMBER

dS-104

ORIGINAL SHEET SIZE:
30" X 42"