CRAIG GAULDEN DAVIS PBK

ADDENDUM # 2

TO : **All Bidders**

RE: **Dry Storage Building**
Piedmont Technical College
Greenwood, S.C.
CGD Project No. 25010
OSE Project No. H59-N309-TM

DATE: **January 13, 2026**

To Bidders:

Please note the following changes or clarifications which shall become a part of the contract documents for the above-referenced project.

GENERAL INFORMATION & CLARIFICATIONS:

G1 **Addendum No. 1; Item G3; Clarification regarding fill material:**
Item G3 in Addendum noted that fill material was available for use from the Owner near the project site. After review of other commitments made for this material and the determination that not enough material is available to complete the site work, this option is not available to bidders. Bidders shall include costs to furnish, install, and test all fill material needed to complete the work of the contract documents.

DRAWINGS:

D1 **Sheet S-2: Foundation/Slab Plan:**
See revised Foundation/Slab Plan with corrected dimensions to align with architectural plans.

PROJECT MANUAL:

PM1 **Section 05 50 00; Metal Fabrications:**

a) 1.5.E – Delete this item in its entirety.
b) 1.5.F – Delete this item in its entirety.
c) 1.7.F – Delete this item in its entirety.
d) 1.10; Performance– Delete this entire section in its entirety.
e) 2.1; Manufacturers – Delete this entire section in its entirety.
f) 2.7; Aluminum Ladders – Delete this section in its entirety.

PM2 **Section 13 34 19; Metal Building Systems:**

a) 1.8.B – Delete and Change to the following: “Provide five-year manufacturer warranty including coverage for weather tightness of building enclosure elements after installation.”
b) 2.3.C – Add: “Collateral loading of 5 psf shall be used.”
c) 2.8.A – Add: “Siding shall be manufacturer’s standard corrugated profile, 24 gauge panels with Kynar finish.
d) 2.8.B – Add: “Roof panels shall be manufacturer’s standard corrugated profile, 24 gauge panels with Kynar finish”
e) 2.10.A – Add: “Framing members shall have standard gray primer.”

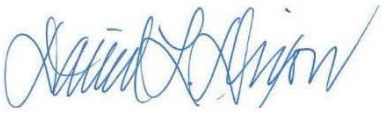
APPROVED MANUFACTURERS:

Name	**Product**
Elite Structures	Pre-Engineered Metal Buildings
Vulcan Steel Structures	Pre-Engineered Metal Buildings
Clear Span Structures	Pre-Engineered Metal Buildings
CHI Overhead Door	Overhead Doors

END OF ADDENDUM #2

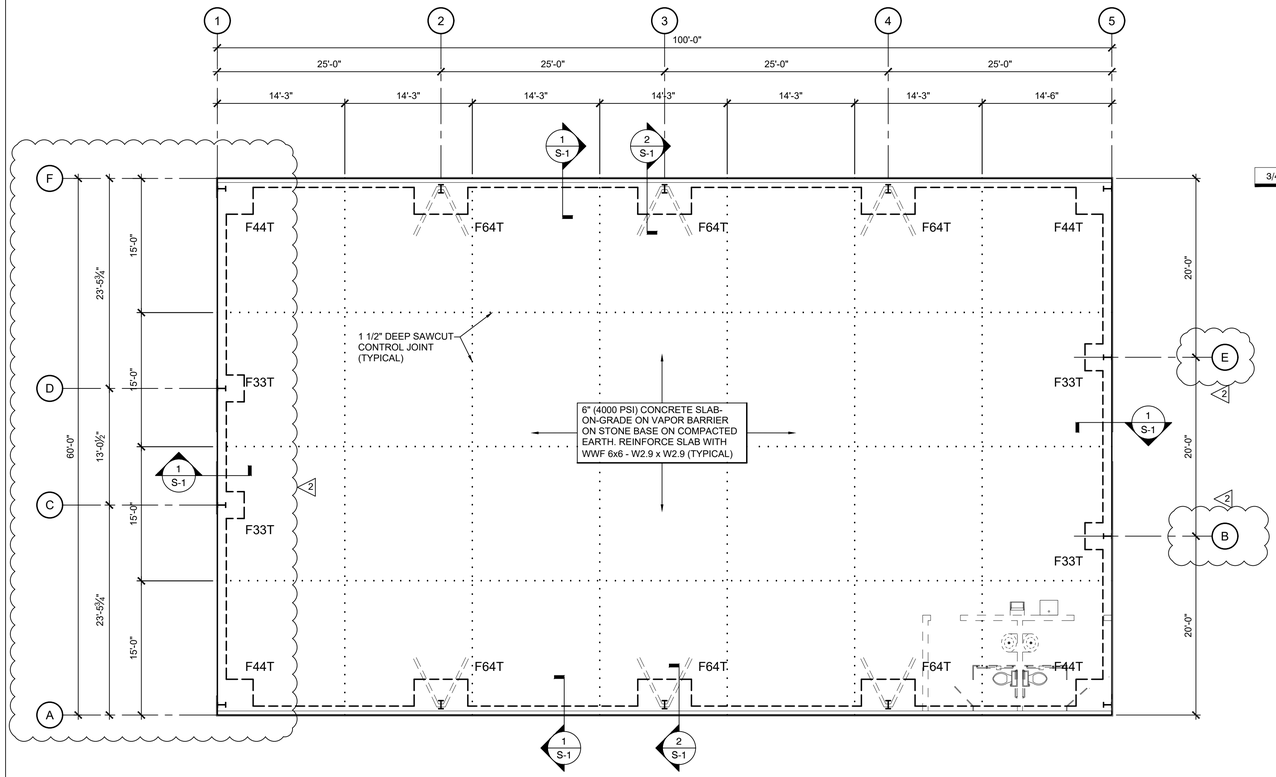
Sincerely,

CRAIG GAULDEN DAVIS | PBK



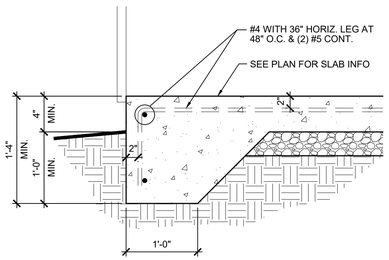
David L. Dixon, AIA
Senior Principal

Attachments: Sheet S-1, Revised

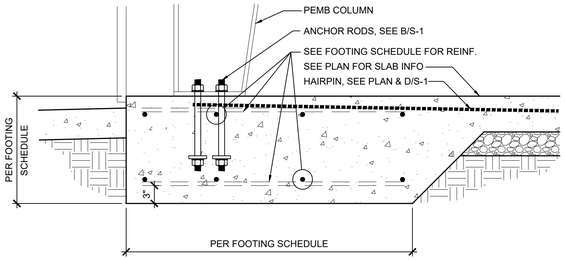


A FOUNDATION/ SLAB PLAN
1/8" = 1'-0"

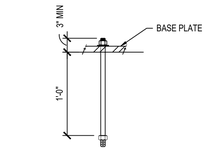
Foundation Schedule			
TYPE	WIDTH X LENGTH	THICKNESS	REINFORCING
F33T	3'-0" x 3'-0"	16" THK'D SLAB	(3) #4 EA WAY
F44T	4'-0" x 4'-0"	16" THK'D SLAB	(5) #5 EA WAY, TOP & BOTTOM MAT
F64T	6'-0" x 4'-0"	24" THK'D SLAB	(7) #6 EA WAY, TOP & BOTTOM MAT



1 SECTION
1" = 1'-0"



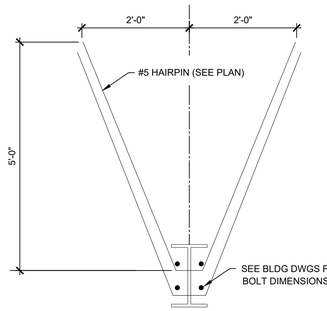
2 SECTION
1" = 1'-0"



3/4" RODS AT RIGID FRAME COLUMNS

5/8" & 3/4" RODS AT END WALL COLUMNS

B ANCHOR ROD DETAIL
1" = 1'-0"



D HAIRPIN DETAIL
1" = 1'-0"

01000 GENERAL

1. The structure reflected on the drawings is structurally sound in its completed condition only. The design of any and all temporary shoring and bracing prior to the completed condition shall be the contractor's responsibility. The Structural Engineer of Record (EOR) shall not be responsible for the means, methods, techniques, sequences, procedures nor safety programs which are employed by the contractor to build the completed structure. Any deviations from the completed structure represented in the drawings must be submitted to the EOR for approval in writing.
2. The Contractor shall verify all conditions including existing structures (above and below grade) and shall notify of the EOR of any discrepancies. The Contractor shall perform all required field measurements.
3. The Sections and Details shown shall be considered to be typical for all similar conditions. The Contractor shall submit written Requests for Information for areas in question.
4. The Contractor shall submit shop drawings for each of the structural components shown on the drawings. Four copies of the shop drawings shall be submitted to the Architect for distribution.
5. The Contractor shall locate Anchor Rod locations with using the metal building drawings. Design of diameter of rod is by the metal building designer. Projection of rod is by metal building designer; embedment is by Palmetto Structural Engineering, LLC.
6. Foundations shown are based on preliminary Building Manufacturer drawings. For Construction drawings shall be provided by the general contractor prior to construction for confirmation f the foundations shown.
7. Palmetto Structural Engineering, LLC was contracted to provide slab and foundation design only using the building supplier's anchor setting plan and reactions. PSE did not review building framing or finishes.

01400 QUALITY CONTROL SERVICES:

1. A Testing Agency shall be retained by the Owner to perform necessary testing as required by Chapter 17 of the International Building Code. In addition, the testing agency, at the owner's expense, shall perform the following minimum tests. The Contractor shall provide shop drawings, specifications, and design drawings to the testing agency. Testing reports shall be submitted to the EOR within two weeks of performing the tests.
2. Earthwork: Footing subgrades and fill placements to be reviewed and tested. Frequency of testing to be determined by the geotechnical engineer.
3. Concrete: Testing agency shall inspect placement of all reinforcing as shown on drawings and schedules. Concrete testing shall be in accordance with ACI 301 and applicable ASTM standards. The following tests should be performed for each day's first load and each 100 cubic yards:
   a. Weight of concrete, ASTM C 138.
   b. Slump, ASTM C 143,
   c. If required, Air content of freshly mixed concrete by pressure method, ASTM C 231 or volumetric method, ASTM C 173.
   d. Concrete temperature at placement time.
   e. Air temperature and weather (windy, cloudy, etc) at placement time.
   f. Strength determined in accordance with ASTM C 39.
   g. Slab F_f and F_l shall be evaluated.

03000 FOUNDATIONS:

1. The Contractor shall notify the EOR of any below grade structure which may affect the foundation performance.
2. Foundations shall bear on residual soils or engineered fill capable of supporting an allowable pressure of 3000 psf. Soils shall be stable, and any expansive, compressible, or shifting material shall be removed to ensure a stable moisture content. Slabs on grade are designed for a modulus of subgrade reaction of 175 pci using a K = 30.

03300 CAST-IN-PLACE CONCRETE:

1. All concrete work and materials shall be in accordance with ACI 318 and ACI 301.
2. Minimum Material Specifications:
   a. Portland Cement: ASTM C150, Type 1
   b. Fly Ash: ASTM C 618, Type F (limit to 20% of cementitious content)
   c. Maximum water/cementitious material ratio: 0.5
   d. No water may be added at the site without consent of the engineer.
3. Slabs-on-grade:
   a. Interior slabs-on-grade and foundations shall have a 28 day compressive strength of 4000 psi.
   b. Interior slabs to receive a hard steel trowel finish with overall F_f = 35 and F_l = 25, and minimum local values of F_f = 24 and F_l = 17 shall be tested/confirmed by testing agency.
   c. Exterior slabs (under roof or floor) shall have air entraining admixture to provide 6% entrained air. Chamfer all exposed slab edge corners (3/4").
   d. Slabs shall be cured using a curing compound containing 30% solids following the manufacturer's specifications. Curing compound shall be compatible with floor finishes.
   e. Vapor barrier under slab shall meet permeability requirements of the floor finishes. As a minimum, a 10 mil vapor barrier is required, lapping and sealing all seams.
   f. Provide sawcut control joints or construction joints at 12'-0" (maximum) square pattern (see slab plan for other requirements). Cut 1" joints as soon as possible after finishing (within 12 hours of placement). Construction joints shall be formed by thickening the slab to 8" within 18" of the joint and installing a continuous key or ¾" dowels at 18" o.c. Joint filler specification to be by owner or architect.
   g. Welded Wire Fabric (ASTM A185) (if specified in slabs on grade) shall be installed 1" from the top face of the slab, lapping edges 6". WWF to be supplied in sheet stock only.
   h. Provide isolation joints at column boxouts, walls, and penetrations.
   i. Reinforce at all re-entrant corners with no control joints with (2) #3 x 4'-0" long centered on the corner, located in the top of the slab. Reinforce around all pipe or box penetrations greater than 3" with (4) #3 in diamond pattern.
   j. Specification of exterior concrete paving or sidewalks is by the Civil Engineer.
   k. Concrete splatter on walls or adjacent slabs shall be removed.
4. Reinforcing Steel:
   a. All detailing, fabrication, and placing shall be in accordance with ACI 315.
   b. Reinforcing steel shall be new billet bars conforming to ASTM A615, grade 60.
   c. Provide 3" concrete cover for all concrete cast against earth.

Structural Design Criteria

Structure Type
Pre-Engineered Metal Building with Ordinary Steel Moment Frames & Concentrically Braced Steel Frames.

Building Code
2021 International Building Code

Building Use
Building Category 2.

Vertical Loads

Dead Loads at Roof	
See Pre-Engineered Metal Building Drawings	
Live Loads at Roof	
Occupancy (Reducible for Slope, Area)	20 psf
Snow Loads	
Ground Snow Load	10 psf
Design Snow Load	7.7 psf

Lateral Loads

Wind Loads	
Velocity (3-Second Gust), Vultimate	110 mph
Exposure	C
Seismic Loads	
USGS Mapped 1 second	
Spectral Response, S_1	10%g
USGS Mapped short term	
Spectral Response, S_s	30%g
Site Class (Assumed)	D
Response Modification Coefficient	See PEMB Dwgs.
Spectral Response, Sds	See PEMB Dwgs.
Spectral Response, Sd1	See PEMB Dwgs.
Spectral Response Coefficient, Cs	See PEMB Dwgs.
Design Category	C
Analysis Type	ELF
Base Shear	See PEMB Dwgs.

PALMETTO STRUCTURAL ENGINEERING, LLC
104 Hunter Hill Circle
Six Mile, SC 29682
(c) 864-436-9684
Ryan@PalmettoSE.com

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 21990 11-11-25 MATTHEW RYAN SIMMONS

SOUTH CAROLINA PALMETTO STRUCTURAL ENGINEERING, LLC No. 4761 CERTIFICATE OF AUTHORIZATION

Project:

Piedmont Technical College
Dry Storage Bldg.

Greenwood County, SC

REVISIONS

No.	Date	Description
A	11-25-25	Bid Documents
2	01-12-26	Addendum 2

Architect:

CRAIG GAULDEN DAVIS
Architecture
Planning
Interiors
19 Washington Park
Greenville, SC 29601
Phone 864.242.0761
Fax 864.521.9845
E-mail rgill@gdlarch.com

Foundation / Slab Plan, Sections

Scale:	As Noted
Date:	01-12-26
Drawn By:	R. Summey
Project No.:	
Sheet:	

S-1

Sheet 1 of 1