



Office of the Vice President
and Chief Financial Officer
Procurement Services
<https://procurement.ufl.edu/>

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March 31, 2020

ADDENDUM NUMBER 5 ON INVITATION TO BID ITB20KO-136

TITLE: IFAS Demonstration Pavilion – Live Oak, FL

Mandatory pre-bid meeting was held March 17, 2020 at 10:00AM at the site. Bid opening is scheduled for April 9, 2020 at 3:00PM.

This addendum shall be considered part of the Contract Documents for the above-mentioned project as though it had been issued at the same time and incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract documents, this addendum shall govern and take precedence. Bidders are hereby notified that they shall acknowledge receipt of the addendum.

This addendum consists of:

- Responses to contractor questions and requests for clarification
- Structural Drawing S1
- Revised Section 10600 – SIGNS

Karen Olitsky
Procurement Agent III

**PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM 5 AND RETURN WITH YOUR BID.
FAILURE TO ACKNOWLEDGE THIS ADDENDUM COULD CONSTITUTE REJECTION OF YOUR BID.**

VENDOR NAME

VENDOR ADDRESS

SIGNATURE

Responses to Contractor Questions and Requests for Clarification

- Q1. Q17/A17 from the Response to Bidder Questions in Addendum 4 states that: "Structural design for the slab will be provided by structural engineer once the metal building manufacturer provides the reactions. This will all be after award of the contract." Can you please clarify whether the bidders are to carry concrete slab and footings in our bid proposals, based on the Q17/A17 response?
- A1. Bidders are to include concrete slabs and footers in their Base Bid for Lot 1 according to attached Structural Drawing S1.
- Q2. Signage is not included in drawings. There are directional signs in the specs but not on any drawings. What are the sizes, height and placement? No room signs are in the drawings, no life safety plan or door schedule, only the restrooms and exits were addressed in the building.
- A2. See attached Section 10600 – SIGNS, revised 3/31/2020, for further clarification.

GENERAL REQUIREMENTS

- CODE COMPLIANCE:**
 - TO THE BEST OF THE ENGINEER'S KNOWLEDGE, PLANS AND SPECIFICATIONS COMPLY WITH APPLICABLE MINIMUM BUILDING CODES AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH FLORIDA BUILDING CODE AND CHAPTER 633, FLORIDA STATUTES.
 - ALL CONSTRUCTION SHALL COMPLY WITH FLORIDA BUILDING CODE, 2017, AND ANY APPLICABLE LOCAL ORDINANCES AND REGULATIONS.
- STRUCTURE, SIGNING AND SEALING DRAWINGS BY WSE CERTIFIES ONLY THE STRUCTURAL SYSTEMS FOR THIS STRUCTURE AND IS NOT A CERTIFICATION OF ANY CIVIL, SITE, MECH, ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING OR OTHER SYSTEMS.**
- CONTRACT DOCUMENTS:**
 - STRUCTURAL DRAWINGS AND SPECIFICATIONS ARE PROPERTY OF WSE AND SHALL NOT BE REPRODUCED, REUSED OR ALTERED UNLESS SPECIFICALLY ALLOWED BY WSE.
 - STRUCTURAL DRAWINGS AND SPECIFICATIONS SHALL BE USED IN CONJUNCTION WITH DRAWINGS AND SPECIFICATIONS BY OTHER DISCIPLINES.
- CONSTRUCTION RESPONSIBILITIES:** WSE HAS NO CONSTRUCTION PHASE SUPERVISORY RESPONSIBILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION, PROCEDURES, TECHNIQUES, SEQUENCES, INCLUDING TEMPORARY SHORING AND/OR BRACING. CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND COMPLIANCE WITH APPLICABLE OSHA REGULATIONS.
- TESTING AND INSPECTION:** REFER TO INDIVIDUAL SPECIFICATION SECTIONS FOR ITEMS REQUIRING TESTING AND INSPECTION. CONTRACTOR SHALL COMPLY WITH AND ACCOMMODATE LOCAL TESTING AND INSPECTION REQUIREMENTS.

GENERAL NOTES FOR ENGINEERED METAL BUILDINGS

- CODE COMPLIANCE:** ENGINEERED METAL BUILDING CONSTRUCTION SHALL COMPLY WITH FLORIDA BUILDING CODE, 2017, AND ANY APPLICABLE LOCAL ORDINANCES AND REGULATIONS.
- DESIGN RESPONSIBILITIES:** METAL BUILDING MANUFACTURER IS RESPONSIBLE FOR THE DESIGN, FABRICATION AND PERFORMANCE OF THE METAL BUILDING DOWN TO THE BOTTOM OF COLUMN BASES. SIGNING AND SEALING OF THIS DOCUMENT BY WSE CERTIFIES ONLY THE ATTACHMENT OF METAL BUILDING TO THE FOUNDATION, THE FOUNDATION DESIGN, AND OTHER STRUCTURAL DETAILS SHOWN ON DRAWINGS AND IS NOT A CERTIFICATION OF, OR ACCEPTANCE OF RESPONSIBILITY FOR DESIGN OR PERFORMANCE OF ENGINEERED METAL BUILDING SYSTEM.
- DESIGN LOADS:** ENGINEERED METAL BUILDING SYSTEMS, COMPONENTS AND CLADDING SHALL BE DESIGNED TO SAFELY SUPPORT ALL APPLICABLE LOADS AND LOAD COMBINATIONS AS SPECIFIED IN ASCE 7-10 AND AS DESCRIBED BELOW.

BASIC WIND SPEED:	130 MPH
BUILDING RISK CATEGORY:	B
EXPOSURE CATEGORY:	B
- FOUNDATION DESIGN:** THIS FOUNDATION IS LAID OUT AND SIZED BASED ON AN APPROXIMATE STRUCTURAL DESIGN AND MUST BE VERIFIED PRIOR TO FOUNDATION CONSTRUCTION. ENGINEERED METAL BUILDING MANUFACTURER/ENGINEER SHALL SUBMIT COMPLETE ENGINEERING AND CONSTRUCTION DRAWINGS OF METAL BUILDING, INCLUDING COLUMN REINFORCING FOR THE PURPOSE OF VERIFYING FOUNDATION DESIGN PRIOR TO BEGINNING FOUNDATION WORK. FOUNDATION ENGINEER SHALL THEN REVIEW METAL BUILDING ENGINEERING AND ISSUE MODIFICATIONS TO FOUNDATION DESIGN IF REQUIRED BASED ON ACTUAL BUILDING ENGINEERING.
- REFER TO METAL BUILDING MANUFACTURER'S DRAWINGS FOR EXACT LOCATION, ORIENTATION AND SIZE OF ANCHOR RODS AND BASE PLATES. ANCHOR RODS ARE TO BE ASTM F 1554, MINIMUM 36 KSI YIELD STRENGTH, 1" & 3/4" DIAMETER RODS ARE TO HAVE 16 INCH EMBEDMENT, 5/8" & 1/2" DIAMETER RODS ARE TO HAVE 8 INCH EMBEDMENT.**
- REFER TO CIVIL/SITE DRAWINGS FOR FINISH FLOOR ELEVATION AND EXTERIOR CONCRETE WALKS AND SLABS.**
- DRIFT AND DEFLECTION LIMITS:** LIMIT DRIFT AND DEFLECTION OF BUILDING FRAMES AND COMPONENTS AS DESCRIBED IN TABLE BELOW FOR THREE CASES: CASE 1 - NO INTERIOR FINISH OR CEILING FINISHES; CASE 2 - WITH INTERIOR WALL OR CEILING FINISHES; CASE 3 - WITH PLASTER CEILINGS OR OTHER BRITTLE FINISHES. *BASED ON 50 YEAR MEAN RECURRENTANCE INTERVAL.

	CASE 1	CASE 2	CASE 3
DRIFT:	H/200	H/400	H/400
VERTICAL DEFLECTION:			
LIVE LOAD:	L/180	L/240	L/360
TOTAL LOAD:	L/120	L/180	L/240
HORIZONTAL DEFLECTION:	L/120	L/240	L/240

PERMANENT BUILDING BRACING MAY BE INSUFFICIENT DURING ERECTION. DESIGN AND PROVIDE TEMPORARY LATERAL BRACING DURING CONSTRUCTION UNTIL PERMANENT BRACING IS IN PLACE.

STRUCTURAL LOADS

- CODE COMPLIANCE:** STRUCTURAL SYSTEMS FOR THIS PROJECT HAVE BEEN DESIGNED TO SUPPORT VERTICAL AND LATERAL LOADS AS SPECIFIED IN FLORIDA BUILDING CODE, 2017, CHAPTER 16 AND ASCE 7-10 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES."
- FLOOR LIVE LOADS (FBC 1607.1)**
LIVE LOAD REDUCTION MAY BE CONSIDERED
A. PUBLIC AREAS: 100 PSF

02300 EARTHWORK

- GEOTECHNICAL REPORT:** SOIL BORINGS AND A GEOTECHNICAL REPORT HAVE BEEN PREPARED FOR THIS SITE BY:
CAL-TECH TESTING, INC.
PO BOX 1625 LAKE CITY, FL 32056
IVAN E. MARCANO, P.E. #65550
DATED: JANUARY 23, 2020
- CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL REPORT FROM THE PROJECT OWNER. RECOMMENDATIONS OUTLINED IN THE REPORT SHALL BE CONSIDERED PART OF THE CONTRACT FOR WORK FOR THIS PROJECT AND SHALL BE FOLLOWED EXACTLY. SPECIFICATIONS OUTLINED BELOW APPLY TO THE BUILDING ONLY AND ARE SUMMARIES OF RECOMMENDATIONS IN GEOTECHNICAL REPORT. FOR EARTHWORK OUTSIDE THE BUILDING LIMITS, REFER TO SITE/CIVIL CONTRACT DOCUMENTS.
- BEARING SOIL:** BASED ON BORINGS IN GEOTECHNICAL REPORT, SOILS ENCOUNTERED ARE 8 TO 14 FT OF SAND UNDERLAIN BY A 6 FT LAYER OF SILTY SAND, UNDERLAIN BY SAND TO BORING TERMINATION DEPTH. ALLOWABLE DESIGN BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF.
- FOOTING BEARING:** FOOTINGS ARE TO BEAR ON SUITABLE EXISTING SOILS OR PREPARED STRUCTURAL FILL. FOOTINGS SHALL BEAR A MINIMUM OF 18 INCHES BELOW ADJACENT GRADE.
- GROUND/SURFACE WATER CONTROL:** GROUNDWATER WAS ENCOUNTERED IN SOIL BORINGS AT A DEPTH OF ABOUT 12 FEET. THIS DEPTH MAY FLUCTUATE DEPENDING ON THE SEASON. SEASONAL HIGH GROUNDWATER LEVEL IS ESTIMATED TO BE 2-3 FEET DEEP. EXCAVATION AND BACKFILL OPERATIONS ARE TO BE MAINTAINED IN A DRY CONDITION. SLOPE OR DROWN EXPOSED BUILDING SUBGRADES TO PROMOTE RUN-OFF AND PREVENT PONDING. SURFACE AND INFILTRATING WATER ARE TO BE REMOVED BY GRADING AND PUMPING FROM PUMPS AS REQUIRED. GROUNDWATER ELEVATION IS TO BE MAINTAINED AT LEAST 2 FEET BELOW GRADE DURING COMPACTION OPERATIONS. DESTABILIZATION OF SOILS DURING EXCAVATIONS AND MAINTAIN CONTINUE DEWATERING UNTIL BACKFILL AND COMPACTION IS COMPLETE.
- SITE PREPARATION:** STRIP AND GRUB ALL TREES, ROOTS, GRASSES, VEGETATION, TOPSOIL, MUCK, ORGANICS, DEBRIS, PAVEMENTS AND OTHER DELETERIOUS MATERIALS TO 5 FEET BEYOND BUILDING LIMITS.
- PROOF-ROLLING:** FOLLOWING SITE PREPARATION, PRIOR TO EXCAVATION OR FILL PLACEMENT, PROOF-ROLL BUILDING FOOTPRINT TO 5 FEET BEYOND BUILDING LIMITS TO IDENTIFY AREAS OF LOOSE AND/OR SOFT SOILS. USE HEAVILY LOADED, RUBBER Tired EQUIPMENT. IF LOOSE, SOFT, UNSTABLE OR PUMPING SOILS ARE ENCOUNTERED, OVERCUT UNSUITABLE MATERIAL AND REPLACE WITH COMPACTED STRUCTURAL FILL AS DIRECTED BY GEOTECHNICAL ENGINEER'S REPRESENTATIVE.
- PROOF-COMPACTION:** COMPACT UNTIL 95 PERCENT OF MAXIMUM DRY DENSITY IS ACHIEVED PER MOHRE PROCTOR TEST (ASTM D 1557) TO A DEPTH OF 12 INCHES BELOW GRADE.
- EXCAVATION:** TEMPORARY EXCAVATIONS ARE TO BE SLOPED AND/OR BRACED IN COMPLIANCE WITH CURRENT LOCAL, STATE, FEDERAL AND OSHA REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR EXCAVATION SAFETY.

03300 STRUCTURAL CONCRETE

- GENERAL:** ALL CONCRETE CONSTRUCTION SHALL COMPLY WITH FLORIDA BUILDING CODE, CHAPTER 19, AND THE CURRENTLY ADOPTED EDITION OF THE FOLLOWING ACI STANDARDS:
ACI 211.1 "SELECTING MIX PROPORTIONS"
ACI 301 "SPECIFICATION FOR STRUCTURAL CONCRETE"
ACI 304 "MEASURING, MIXING, TRANSPORTING, PLACING"
ACI 305 "HOT WEATHER CONCRETING"
ACI 306 "COLD WEATHER CONCRETING"
ACI 315 "REINFORCING DETAILING AND PLACEMENT"
ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
- CONCRETE MIXES:** ALL CONCRETE MIXES SHALL BE NORMAL WEIGHT (140-150 PCF) UNLESS OTHERWISE NOTED. PROVIDE MIXES DESIGNED TO MEET THE FOLLOWING CRITERIA FOR VARIOUS ELEMENTS IN THE STRUCTURE:

ELEMENT	MINIMUM CEMENTITIOUS CONTENT (LB/CU. YD)	MAX. W/C RATIO	28 DAY COMPRESSIVE STRENGTH (PSI)	MAXIMUM AGGREGATE SIZE (INCHES)
FOOTINGS & SLABS	520	0.50	3,000	1

REINFORCING LAP & BEND SCHEDULE

BAR SIZE	STANDARD LAP LENGTH	STANDARD HOOKS	
		DIAMETER D	LENGTH A
#3	15"	2 1/4"	6"
#4	20"	3"	8"
#5	25"	3 3/4"	10"

- AIR ENTRAINMENT: PROVIDE AIR ENTRAINMENT PER ACI TABLE 4.2.2.7d.1
 - INTERIOR CONCRETE - EXPOSURE CLASS FC
- PORTLAND CEMENT: ASTM C 150, TYPE 1.
- FLY ASH (OPTIONAL): ASTM C 618, CLASS C OR F. WHEN USED QUANTITY SHALL BE NOT LESS THAN 15% AND NOT MORE THAN 25%.
 - AGGREGATES: ASTM C 33.
 - WATER: ASTM C 99, CLEAN & POTABLE.
 - ADMIXTURES: WATER REDUCING AND AIR ENTRAINING AGENTS SHALL BE USED. HIGH RANGE WATER REDUCING AGENTS (SUPERPLASTIZERS) MAY BE USED AT CONTRACTOR OPTION. DO NOT USE ADMIXTURES CONTAINING CHLORIDES.

- REINFORCING STEEL:** ASTM A 615, GRADE 60, DEFORMED BARS.
 - SEE LAP & BEND SCHEDULE FOR LAP & BEND LENGTHS.
 - BAR COVER:
 - IN CONTACT WITH GROUND: 3"
 - EXPOSED TO WEATHER: 2"
 - BEAM & COLUMN STIRRUPS: 1 1/2"
 - SLABS: 3/4"
 - PROVIDE CORNER BARS OR BRACING AT ALL CORNERS.
 - SUPPORT ON CHAIRS OR BOLSTERS.
- WELDED WIRE REINFORCING (W.W.R.)** ASTM A 185.
 - REFER TO DRAWINGS FOR W.W.R. SIZE AND DIAMETER.
 - USE FLAT SHEETS ONLY.
 - LAP W.W.R. MINIMUM 10 INCHES.
 - SUPPORT W.W.R. ON CHAIRS SPACED 3'-0" O.C. EACH WAY.

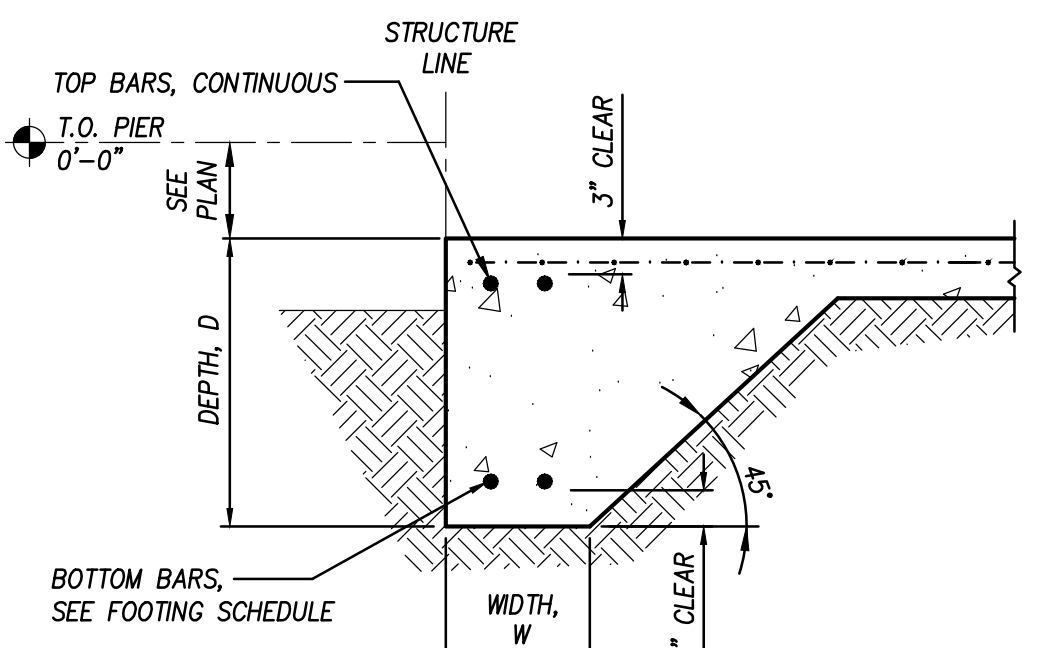
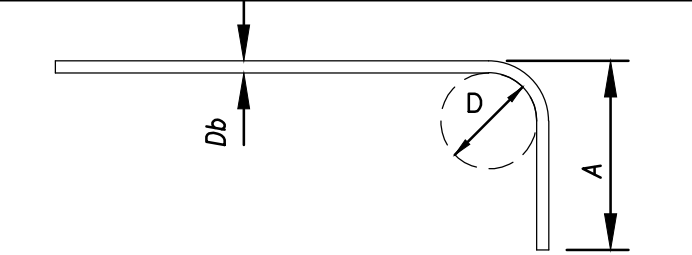
- CURING:** USE SPRAYED-ON MEMBRANE CURING COMPOUND ON SLABS, ASTM C 309, TYPE 1, SOLVENT FREE, OR PROVIDE CONTINUOUS WATER SPRINKLING FOR MINIMUM 7 DAYS.
 - CURING COMPOUND: ASTM C 309, TYPE 1, SOLVENT FREE.
 - ENSURE COMPATIBILITY WITH FLOORING ADHESIVES.
- SLAB JOINTS:** SAW-CUT SLABS ON GRADE AT LOCATIONS SHOWN ON PLANS, OTHERWISE SAW-CUT IN ROUGHLY TO FOOT SQUARES. SAW-CUT WITHIN 4 TO 12 HOURS OF FINISHING SLAB.
- SLAB CRACKING:** AS CONCRETE SLABS-ON-GRADE CURE AND DRY OUT THEY WILL SHRINK CAUSING CRACKS TO FORM ON THE SURFACE OF THE SLAB. W.W.R. IS INSTALLED TO HELP LIMIT THE WIDTH OF CRACKS THAT FORM. REPAIR CRACKS OVER 1/8" WIDE THAT DO FORM BY ROUTING AND PLACEMENT OF "SKADUR 35, HI-MOD LY" EPOXY RESIN ADHESIVE BY SIKKA CORP. OR EQUIVALENT.

- CONCRETE FORMWORK:**
 - DESIGN, ERECT, SUPPORT, BRACE AND MAINTAIN ALL FORMWORK AS RECOMMENDED BY ACI 347 "RECOMMENDED STANDARD PRACTICE FOR CONCRETE FORMWORK".
 - CONTRACTOR IS RESPONSIBLE FOR DESIGN, CONSTRUCTION AND SAFETY OF ALL FORMWORK. ALL FORMS, SHORES, AND BRACING SHALL BE ENGINEERED TO SUPPORT ALL LOADS IMPOSED INCLUDING WET CONCRETE, EQUIPMENT, LIVE LOADS, LATERAL LOADS DUE TO WIND AND CONCRETE IMBALANCE.
 - PROVIDE "SMOOTH FORM" FINISH FOR ALL CONCRETE EXPOSED TO PUBLIC VIEW.
 - PROVIDE 3/4" INCH CHAMFER FOR ALL EXPOSED EDGES OF COLUMNS AND WALLS.
 - PATCH ALL THE HOLES.

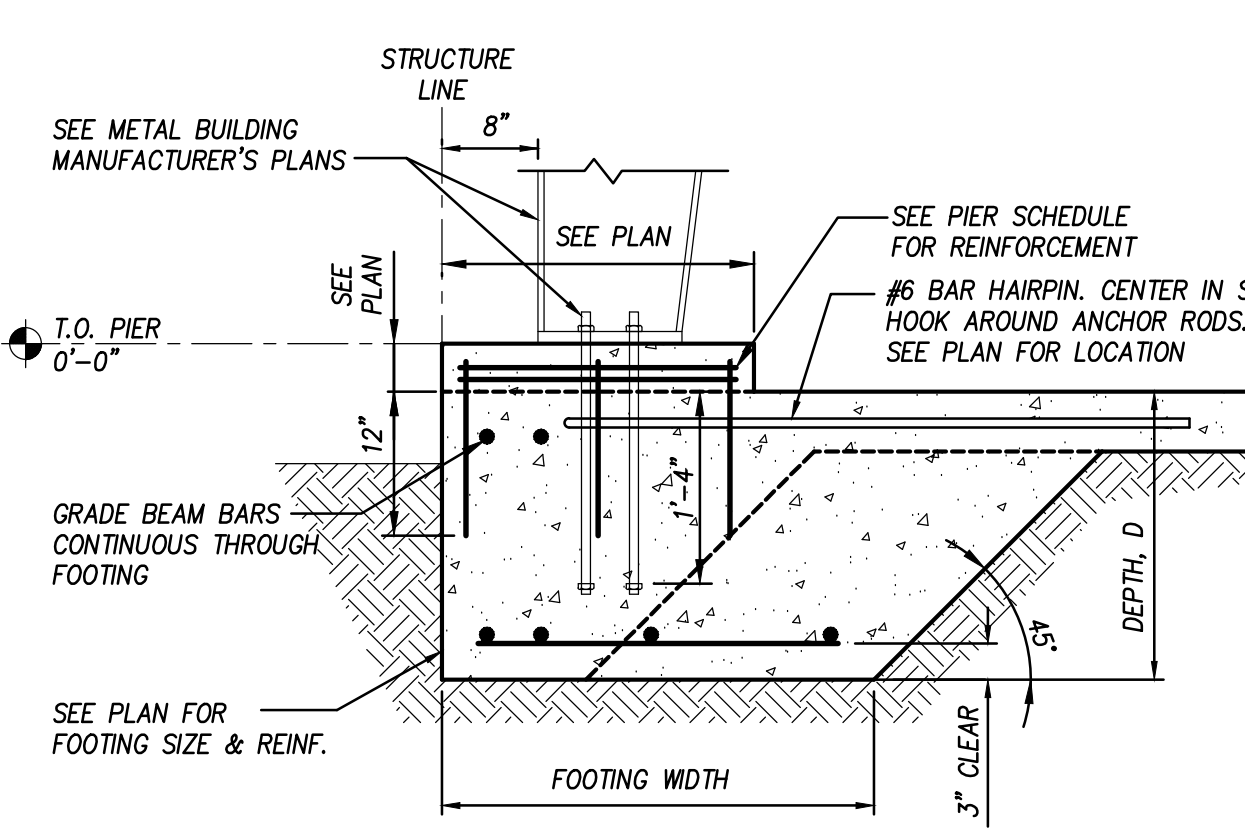
- PENETRATIONS:** PLUMBING SLEEVE SPACING SHALL BE THE LARGER OF (3) THREE DIAMETERS CENTER TO CENTER OF THE LARGER SLEEVE, OR 6 INCHES CLEAR BETWEEN SLEEVES. SUBMIT SLEEVE LOCATIONS TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION. PENETRATIONS ARE NOT PERMITTED IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE SPECIFICALLY DESIGNATED ON STRUCTURAL DRAWINGS.
- TOLERANCES:** TOLERANCES FOR CONCRETE CONSTRUCTION SHALL BE IN SLAB LEVELNESS AND FLATNESS SHALL BE ACCORDANCE WITH ACI 117. SLAB LEVELNESS SHALL BE "CONVENTIONAL STRAIGHTEDGE". CONTRACTOR SHALL MAKE EVERY EFFORT TO REDUCE SHRINKAGE AND CURLING OF SLABS BY SELECTING APPROPRIATE MIX DESIGN AND ADOPTING APPROPRIATE PLACEMENT, FINISHING AND CURING METHODS. CONTRACTOR SHALL CORRECT SLABS THAT DO NOT MEET TOLERANCES BY FLASH PATCHING OR GRINDING AS APPROPRIATE.

- HOT & COLD WEATHER PROTECTION:**
 - INSTITUTE HOT WEATHER PROTECTION PROCEDURES WHEN TEMPERATURE EXCEEDS 90° F.
 - INSTITUTE COLD WEATHER PROTECTION PROCEDURES WHEN TEMPERATURES ARE BELOW 40° F.
- TESTING & INSPECTION:** INSPECT/TEST THE FOLLOWING ITEMS:
 - INSPECT ALL REINFORCING FOR GRADE, SIZE AND PLACEMENT PRIOR TO CONCRETE PLACEMENT.

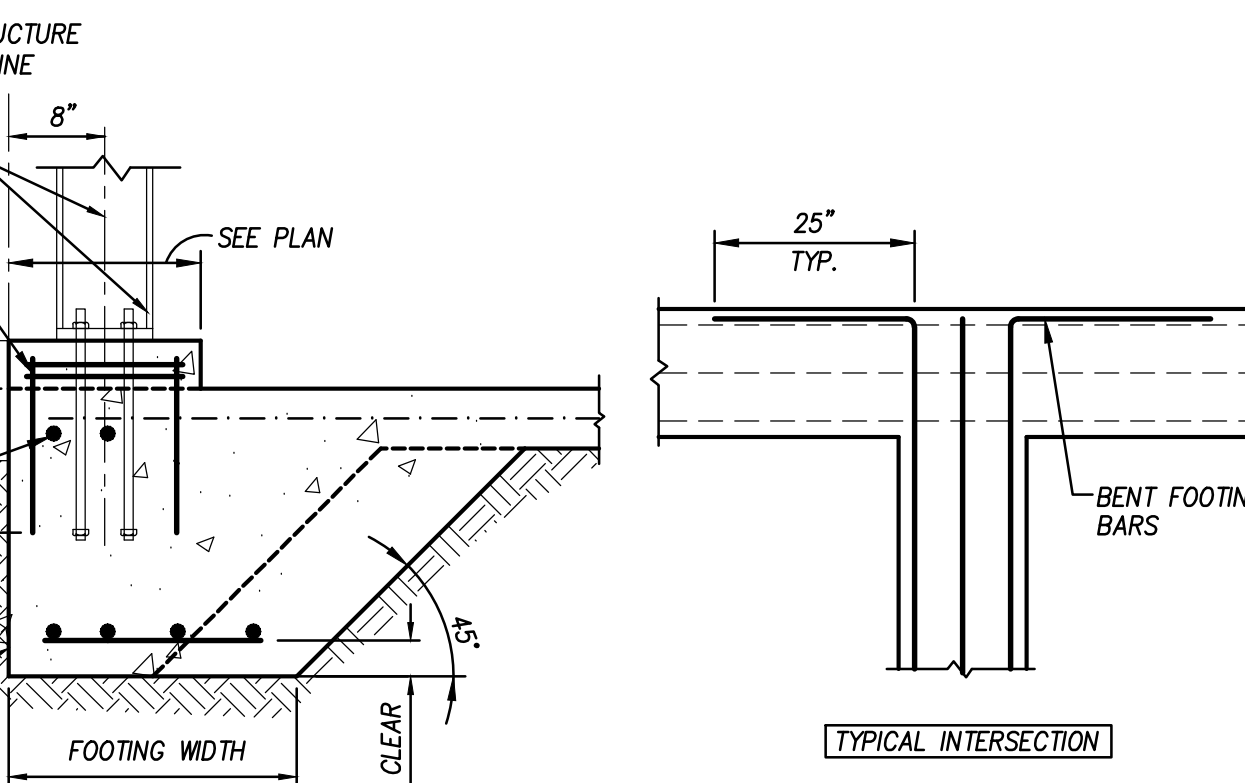
- UTILITY TRENCHES:** UTILITY TRENCHES WITHIN THE BUILDING FOOTPRINT SHALL BE BACKFILLED AND COMPACTED TO THE SAME REQUIREMENTS AS FOR THE REST OF THE BUILDING.
- SLAB SUBGRADE TOLERANCE:** TOP SURFACE OF SLAB SUBGRADE IS TO BE GRADED TO TOLERANCE OF +0" TO -1/2".
- BEST CONTROL:** TREAT ALL SLAB SUBGRADES FOR TERMITES PRIOR TO SLAB INSTALLATION. OBTAIN CERTIFICATE OF TREATMENT FOR BUILDING INSPECTOR.
- EXTERIOR GRADING:** EXTERIOR GRADE IS TO BE KEPT MINIMUM 6 INCHES BELOW WOOD SIDING AND/OR FOAM INSULATION. SLOPE EXTERIOR GRADE AWAY FROM BUILDING TO PROMOTE DRAINAGE.
- TESTING & INSPECTION:** ALL EARTHWORK OPERATIONS ARE TO BE MONITORED, TESTED AND ACCEPTED BY GEOTECHNICAL ENGINEER'S REPRESENTATIVE, INCLUDING PROOF-ROLLING, PROOF-COMPACTION, EXCAVATION, BACKFILL AND COMPACTION. REPORT RESULTS TO ARCHITECT, ENGINEER, OWNER AND CONTRACTOR.



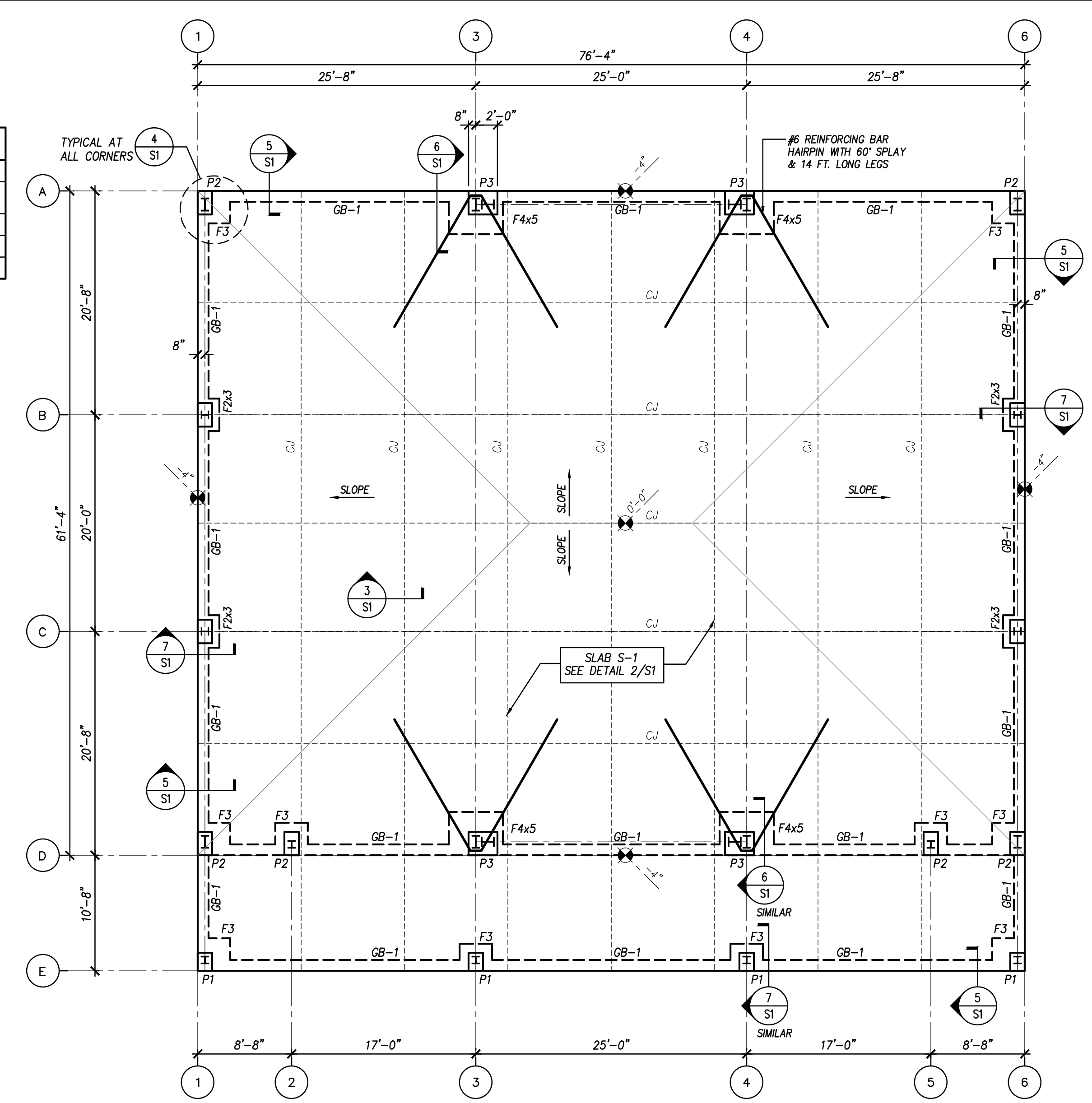
5 Typical Exterior Grade Beam
3/4" = 1'-0"
MTLBDG 001



6 Typical Frame Column Bearing
3/4" = 1'-0"
MTLBDG 004



7 Typical End Column Bearing
3/4" = 1'-0"
MTLBDG 005



1 Foundation Plan
1/8" = 1'-0"
1. REFER TO CIVIL/SITE DRAWINGS FOR FINISH FLOOR ELEVATION.
2. ALL PIERS AT ELEVATION 0'-0".
3. PRIOR TO PLACING SLAB, SEE MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR ADDITIONAL SLAB PENETRATIONS AND UNDERSLAB PIPE, CONDUIT, ETC.
4. DO NOT RUN PIPES AND CONDUIT IN SLAB ON GRADE. ALL PIPES AND CONDUIT SHALL BE LOCATED ENTIRELY BELOW THE BOTTOM OF SLABS AND GRADE BEAMS.

SLAB SCHEDULE

MARK	THICKNESS	REINFORCING
S-1	4"	6x6-W1.4xW1.4 W.W.M.

FOOTING SCHEDULE

MARK	SIZE	REINF.
F2x3	2'-0" x 3'-0" x 18"	(4) #5 S.W., (2) #5 L.W.
F3	3'-0" x 3'-0" x 18"	(4) #5 E.W., (4) #5 S.W.
F4x5	4'-0" x 5'-0" x 18"	(6) #5 S.W., (5) #5 L.W.

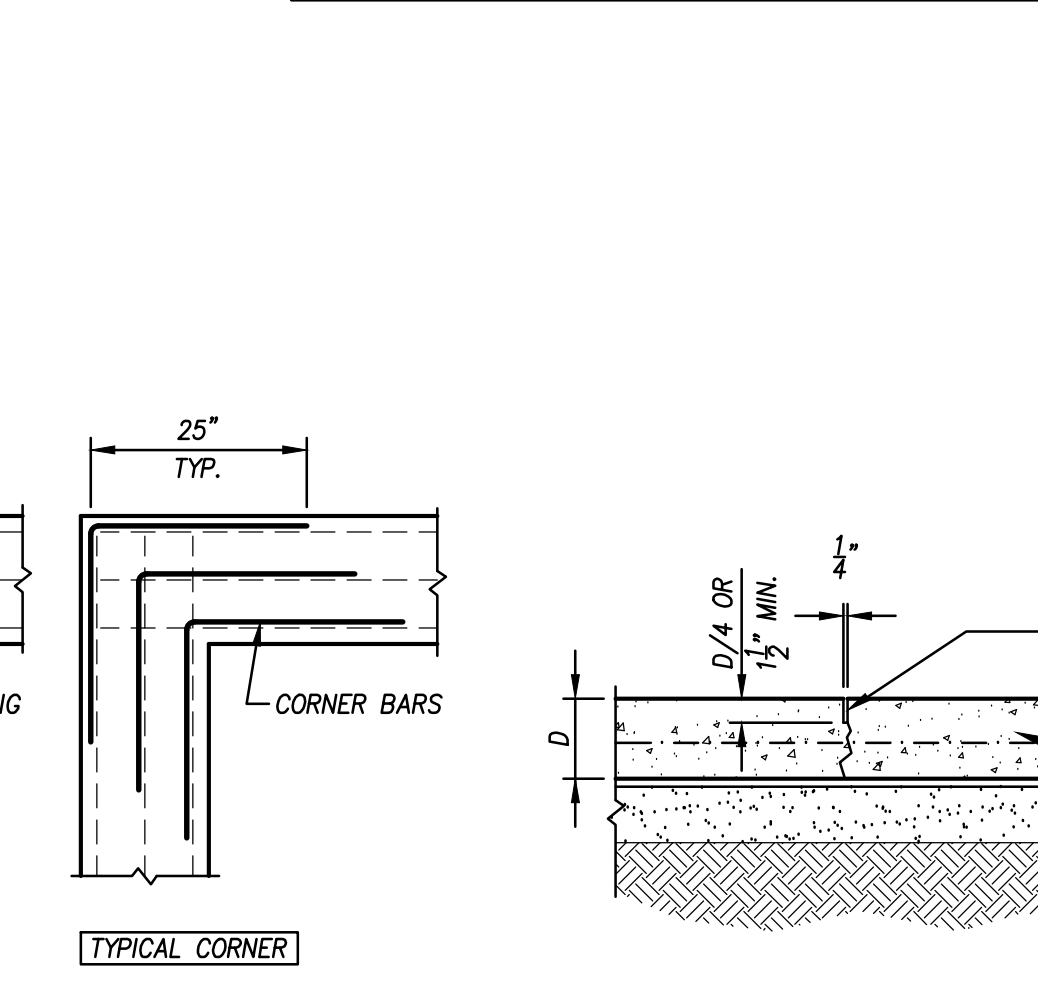
PIER SCHEDULE

MARK	WIDTH W	LENGTH L	REINFORCING	
			VERTICAL	TIES
P1	16"	20"	(6) #5	(2) #3
P2	16"	26"	(8) #5	(2) #3
P3	32"	26"	(12) #5	(2) #3

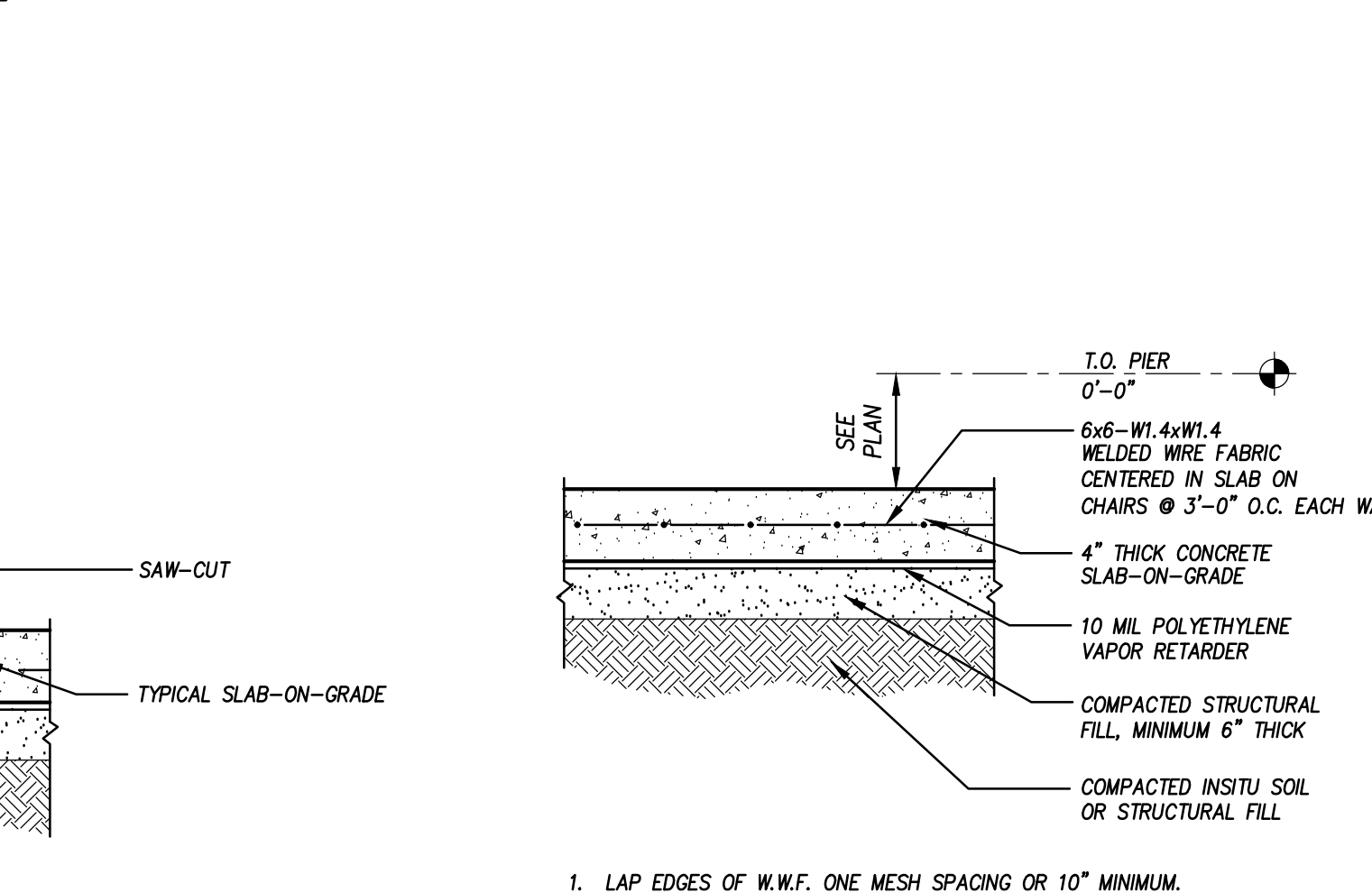
GRADE BEAM SCHEDULE

MARK	WIDTH W	DEPTH D	REINFORCING	
			BOTTOM	TOP
GB-1	12"	18"	(2) #5	(2) #5

E.W. = EACH WAY
L.W. = LONG WAY
S.W. = SHORT WAY



3 Typical Saw-cut Contraction Joint
1" = 1'-0"
1. PROVIDE SAW-CUTS AT 10'-0" O.C. MAXIMUM OR AS SHOWN ON PLANS.
2. SAW-CUT WITHIN 12 HOURS OF FINISHING SLAB SURFACE.

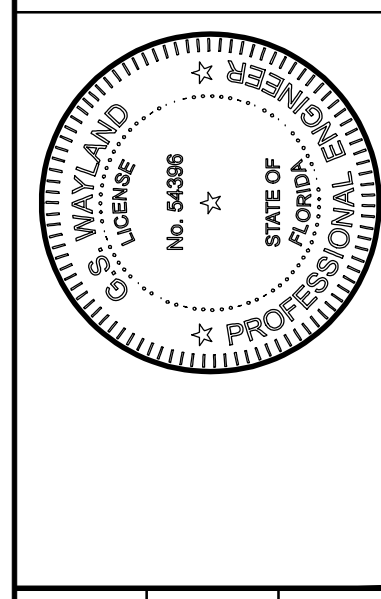


2 Typical Slab on Grade
1" = 1'-0"
1. LAP EDGES OF W.W.F. ONE MESH SPACING OR 10" MINIMUM.
2. LAP EDGES OF VAPOR RETARDER 6" MINIMUM.
3. REFER TO TYPICAL SLAB JOINT DETAILS.
4. REFER TO SPECIFICATIONS FOR SLAB TOLERANCE AND CURING.

Drawing Status: **For Permit & Construction**

Rev. No.	Date	Description

WSE WAYLAND
STRUCTURAL ENGINEERING
2801 SW 81st Street Gainesville, FL 32608
Phone: 352-735-4444
Fax: 352-735-4444
Florida COE: #6236



Client: **UF/IFAS Facilities Planning & Operation**
Project Name: **UF/IFAS Pavilion Live Oak, FL**
Drawing Name: **Foundation Plan and Details**
Drawn by: **GS WAYLAND**
Date: **MARCH 10, 2020**
WSE Project No.: **19138**
Drawing No.: **S1**

10600 SIGNS *Revised 3-31-2020 – revisions are in bold italics*

1. GENERAL

- A. All signs shall comply with *FBC-A, Florida Building Code- Accessibility*, and all other applicable codes, standards, and ordinances.
- B. Signs shall be as detailed on the drawing or as noted herein and shall be equivalent to "Seton Co., New Haven, Connecticut. Signs shall have contrasting colors with raised symbols, text and Braille. Signs shall be provided in stock colors available from the manufacturer and approved in advance by the Architect. In renovation projects, provide signage to match existing.
1. Other approved equivalent manufacturers:
- a. ADA Signage Distributors, Inc., Newton, KS
 - b. Best Manufacturing Sign Systems, Montrose, CO
- C. Quality Assurance
1. Use adequate numbers of skilled workers who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this section.
- D. Submittals
- Contractor shall submit samples to the Engineer for approval within 45 days after contract award.

2. PRODUCTS

~~**A. Room Identification and similar interior signs are REQUIRED at the following indoor locations whether or not noted on the drawings: Floor Identification signs at each stairwell door at each level, public restrooms, public conference rooms, and adjacent to all exit doors which require illuminated exit signs, a Tactile sign: "EXIT" (w/Braille) (Per NFPA 101, 7.10.1.3). Other signs with tactile, raised Braille text at existing or new, unidentified rooms and spaces shall be installed to identify room numbers.**~~

B. Accessible parking space signs (***Part of Base Bid Lot 1***): The

SECTION-10600-1

Accessible symbol shall be stenciled on the asphalt (36" x 36" min.)
Parking sign shall be equivalent to "Seaton Co. beaded Embossed Reflective 12" x 18" blue/white steel #SA1222 E" mounted on a deformed steel post 7'-0" above finished grade to the bottom of the sign.

- ~~C. Accessible "Entrance" sign at building entrance on accessible route. White "Scotchcal" reflective graphics on blue "scotchlite" background with 2" high Palatino lettering. No border.~~
- D. ~~Building Signage: On west gable end provide 16" high, 1/2" thick, post mounted, brushed aluminum, Palatino font signage as shown on the drawings. Finish and style of signage shall match existing.~~
- E. UF Building Number Signage: The address shall be numeric only, with minimum 6" high, brushed aluminum post-mounted numerals #8325.
Signage provided by Owner and installed by Contractor
- ~~F. Directional Signage: Directional signs shall comply with the Florida Building Code and the UF "Campus Exterior Sign Policy" (<http://identity.ufl.edu>).~~
- ~~1. Colors shall be blue background (PMS #287) with white lettering.~~
 - ~~2. Location of signs for existing buildings shall be reviewed and approved by Planning Design & Construction and the O&M entity.~~
 - ~~3. See sign drawings in this section for clarification.~~

3. EXECUTION

- A. Install plumb, level and securely following manufacturer's written instructions.
- B. Install signs where directed by EH & S.

END OF SECTION

SECTION-10600-2