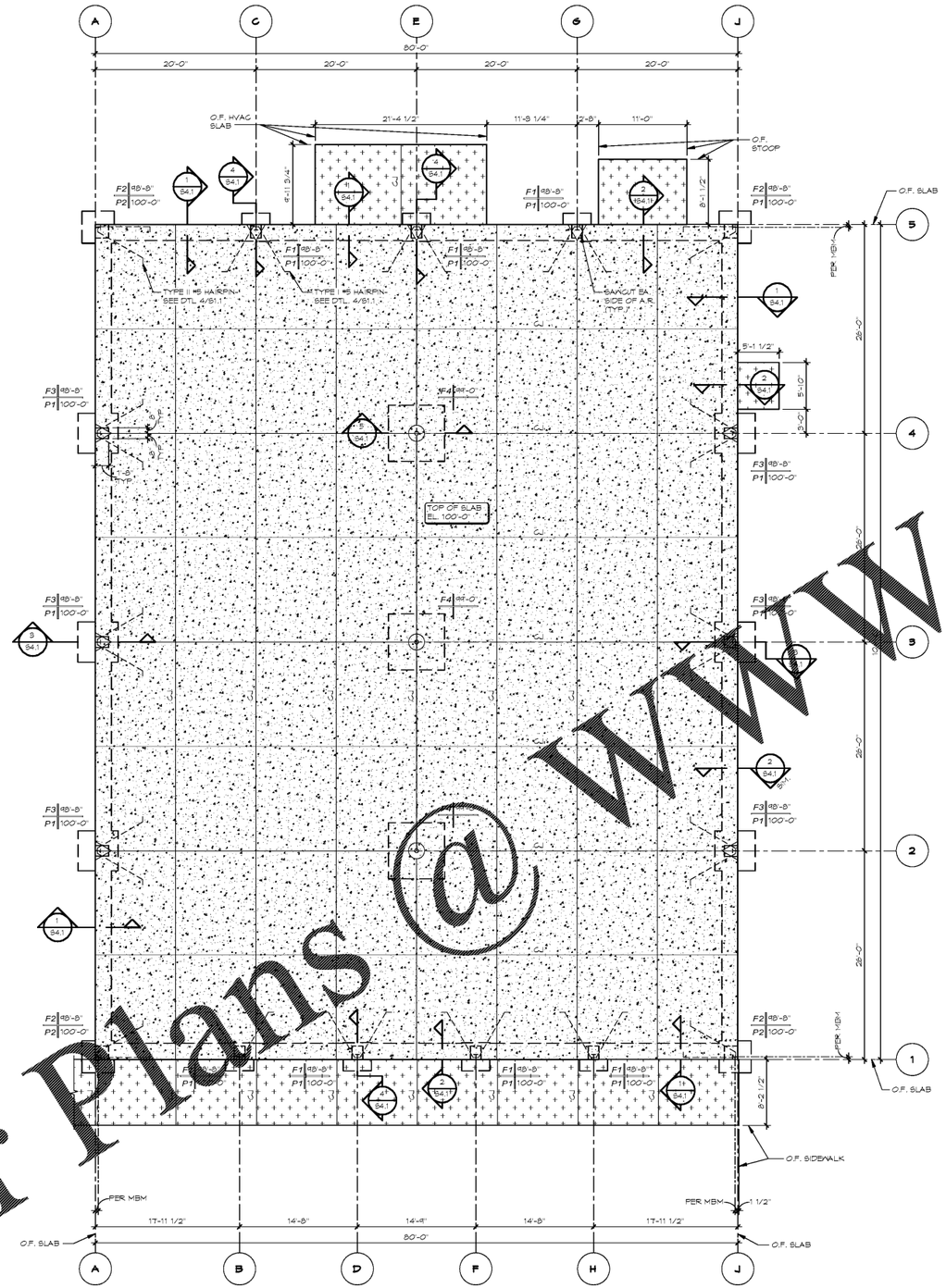
TS Project No: 17025.0
CAD Technician: MGA

Engineer of Record: RWW
Project Designer: MGA




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

## FOOTING SCHEDULE

| FOOTING MARK | FOOTING SIZE B x L x t | REINFORCING | REMARKS |
|---|---|---|---|
| F1 | 3'-6" x 3'-6" x 1'-4" | (4) #5 EA. WAY, BOTTOM ONLY | ---- |
| F2 | 4'-0" x 4'-0" x 1'-4" | (5) #5 EA. WAY, BOTTOM ONLY | ---- |
| F3 | 5'-0" x 5'-0" x 1'-4" | (7) #5 EA. WAY, BOTTOM ONLY | ---- |
| F4 | 7'-0" x 7'-0" x 2'-0" | (9) #6 EA. WAY, TOP AND BOTTOM | ---- |

## PEDESTAL SCHEDULE

| PEDESTAL MARK | PEDESTAL SIZE WIDTH x LENGTH | VERTICAL DOWELS | TIES | REMARKS |
|---|---|---|---|---|
| P1 | 16" x 20" | (6) #5 DOWELS | #3 TIES @ 10" o.c. | SEE NOTES #1 & #2 |
| P2 | 20" x 20" | (8) #5 DOWELS | #3 TIES @ 10" o.c. | SEE NOTE #2 |

PEDESTAL SCHEDULE NOTES:
1. SEE FOUNDATION PLAN FOR PEDESTAL ORIENTATION.
2. CONFIRM TIES REQUIRED WITH (3) TIES WITHIN THE TOP 5".

**LEGEND:**

- F3 / 48"-8" / P1 / 100'-0" — FOOTING MARK (SEE FTG. SCHED. ON THIS DWG.); TOP OF FOOTING ELEVATION; TOP OF PEDESTAL ELEVATION
- P1 — PEDESTAL MARK (SEE PED. SCHED. ON THIS DWG.)
- O.F. — DENOTES OUTSIDE FACE
- TOF — DENOTES TOP OF FOOTING ELEVATION
- MBM — DENOTES METAL BUILDING MANUFACTURER
- DENOTES LIMITS OF 4" CONC. SLAB-ON-GRADE (SEE PLAN NOTES)
- DENOTES LIMITS OF 4" CONC. SIDEWALK (SEE PLAN NOTES AND DETAIL 7/S4.1)- COORD. LIMITS AND EXTENTS W. ARCH. & CIVIL

**PLAN NOTES:**

1. SLAB-ON-GRADE CONSTRUCTION: 4" CONCRETE SLAB REINFORCED W/ 6 X 6-W1.4 X W1.4 WWF ON 10 MIL POLYETHYLENE FILM OVER 4" LAYER OF COMPACTED CRUSHED STONE FREE-DRAINING AGGREGATE BASE COURSE MATERIALS WITH LESS THEN 5 PERCENT FINES (MATERIAL PASSING #200 SIEVE). PLACE WWF 2" CLR. FROM TOP OF SLAB.
2. SIDEWALK CONSTRUCTION: 4" CONCRETE SLAB REINFORCED W/ 6 X 6-W1.4 X W1.4 WWF OVER 4" LAYER OF COMPACTED CRUSHED STONE AGGREGATE BASE COURSE. PLACE WWF 2" CLR. FROM TOP OF SLAB.
3. ALL ELEVATIONS BASED ON FINISH FLOOR ELEVATION 100'-0". COORDINATE ACTUAL FINISH FLOOR ELEVATION AND BUILDING ORIENTATION ON THE SITE WITH CIVIL.
4. CENTER COLUMN FTGS. UNDER ANCHOR ROD PATTERN, (U.N.O.).
5. TOP OF FOOTING ELEVATION 48'-8", U.N.O.
6. TOP OF PEDESTAL ELEVATION 100'-0".
7. SEE DWG. S1.1 FOR GENERAL NOTES & TYPICAL DETAILS.
8. SEE ARCH. DWGS. FOR DIMENSIONS NOT SHOWN.
9. "CJ" DENOTES CONTROL OR CONSTRUCTION JOINT. (SEE DTLS. 1/S1.1 & 2/S1.1).
10. COORDINATE ALL DOOR SIZES & LOCATIONS WITH ARCH. DWGS.
11. COORDINATE LOCATIONS OF PLUMBING LINES W/ PLUMBER PRIOR TO PLACING FOOTINGS & SLABS-ON-GRADE.
12. COORDINATE ALL DIMENSIONS WITH METAL BUILDING MANUFACTURER.
13. SEE ARCH./PLUMBING DWGS. FOR LOCATIONS OF ALL FLOOR DRAINS, SLOPED & RECESSED SLABS.
14. VERIFY ALL SIDEWALK & HVAC SLAB LOCATIONS, SLOPES AND DIMENSIONS W/ ARCH./CIVIL.

NOTES:
1. FOUNDATION DESIGN HEREIN IS BASED UPON ANTICIPATED METAL BUILDING REACTIONS AS DEVELOPED BY TATUM-SMITH ENGINEERS, INC. IN CONSIDERATION OF THE PLANNED BUILDING TYPE (FLUSH WALL GABLED MULTI-SPAN FRAME), BAY SPACING AND SPAN. THE GENERAL CONTRACTOR SHALL FURNISH FOUNDATION REACTIONS (SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF SOUTH CAROLINA) TO TATUM-SMITH ENGINEERS, INC. FOR REVIEW. CONTRACTOR SHALL ALLOW FOR A MINIMUM REVIEW TIME OF (10) TEN BUSINESS DAYS IN THEIR CONSTRUCTION SCHEDULE.
2. SPREAD FOUNDATION SIZES SHOWN ARE FOR BIDDING PURPOSES ONLY. REVISIONS MAY BE REQUIRED FOLLOWING FINAL SEALED MBM FOUNDATION REACTIONS.

CONTRACTOR NOTE:
EXISTING SITE SUBSURFACE CONDITIONS REQUIRE SPECIFIC REMEDIATION THAT MUST BE COMPLETED. ALL BIDDERS SHALL THOROUGHLY REVIEW THE PORJECT GEOTECHNICAL REPORT BY NOVA ENGINEERING AND ENVIRONMENTAL, LLC (PROJECT #10118-2017001, DATED FEBRUARY 28, 2017).

Order Plans @ WWW.LDline.com

Tatum Smith Engineers, Inc.
Structural Engineering
Rogers, Arkansas
479.521.6128

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RICHARD M. WELCHER No. 25300 — Date 6.22.17

SOUTH CAROLINA — TATUM-SMITH Engineers, Inc. No. C02744 — CERTIFICATE OF AUTHORIZATION

# FOUNDATION PLAN

SHEET: S2.1

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