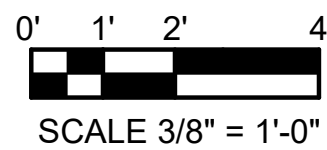


1 MODULAR BUILDING STRUCTURAL FOUNDATION PLAN
3/8" = 1'-0"

MODULAR BUILDING FOUNDATION PLAN NOTES

- ALL DIMENSIONS SHOWN ON PLAN ARE TO CMU PIER CENTERLINES, UNLESS OTHERWISE DIMENSIONED ON PLAN.
- PIER FOOTINGS SHALL BE CENTERED ON CMU PIER CENTERLINES, UNLESS OTHERWISE DIMENSIONED. SEE PLAN.
- REFER TO SITE DRAWINGS FOR ACTUAL FINISHED ELEVATIONS. REFERENCED FINISHED EXTERIOR GRADE ELEVATION WILL BE 0'-0".
- PROVIDE MIN. 4" OF WASH STONE (#57) BELOW ALL FOUNDATION ELEMENTS, TYP.
- TOP OF PIER FOOTINGS AND CONTINUOUS FOOTINGS TO BE -0'-8" BELOW FINISHED GRADE, PER CIVIL, TYP. U.N.O. BOTTOM OF ALL FOUNDATIONS TO BE MIN. -1'-6" BELOW FINISHED GRADE TO MAINTAIN 18" MINIMUM FROST DEPTH, TYP.
- "F24" FOR EXAMPLE DENOTES 2'-0"x2'-0"x10"THICK FOOTING. REFERENCE STRUCTURAL FOUNDATION SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
- ALL DIMENSIONS SHOWN ARE TO CENTERLINE OF PIERS, TYP. UNLESS NOTED OTHERWISE. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION, TYP.
- TIE-DOWN STRAPS TO BE 1-1/4" X 0.035" TYPE-1, FINISH B, GRADE ONE ZINC COATED STEEL STRAPPING CERTIFIED BY A REGISTERED ENGINEER OR ARCHITECT AS CONFORMING WITH ASTM D3953-91. TIE DOWN STRAPS AND CONNECTING HARDWARE TO HAVE 3150 LB. MINIMUM WORKING CAPACITY.
- GROUND ANCHORS SHALL HAVE 3150 LB. MINIMUM WORKING CAPACITY AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

Structural Foundations Schedule						
Type	Width	Length	Foundation Thickness	Count	Volume	Footing Reinforcement
F24	2' - 0"	2' - 0"	10"	45	5.50 CY	(3) #4 BARS EA. WAY IN BTM. OF FTG.
F24X40	2' - 0"	3' - 4"	10"	4	0.82 CY	(3) #4 BARS EA. WAY IN BTM. OF FTG.
Grand total: 49				49	6.32 CY	



DRYE-McGLAMERY
ENGINEERING, PLLC
NC FIRM LICENSE #P-1305
PO BOX 15559
RALEIGH, NORTH CAROLINA 27619
PHONE: 704.660.1180



MODULAR BUILDING FOUNDATION PLAN

Modular Office Relocation for
NCDOT Highway Division 5
Bridge Maintenance Office
5650 CORNWALL ROAD
OXFORD, NORTH CAROLINA 27565

STATE CONSTRUCTION
ID.# 22-24690-01A

EQUIPMENT NUMBER:
1320-0008-3222

REVISIONS

NO.	DATE
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DATE ISSUED: 9/5/2023
DRAWN BY: DJM
CHECKED BY: HWD

SHEET NO.

S-2