

DESIGN DATA		
1.	ALL CONSTRUCTION SHALL COMPLY AS APPROPRIATE WITH THE FOLLOWING CODES AND/OR SPECIFICATIONS: NORTH CAROLINA STATE BUILDING CODE, 2018 EDITION ASCE 7-10, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND OTHER APPLICABLE CRITERIA, REFERENCE TO OTHER STANDARD SPECS. OR CODES SHALL MEAN THE LATEST VERSION.	
2.	DESIGN LOADS:	
A.	DEAD LOADS:	PER MODULAR BUILDING MANUF.
B.	LIVE LOADS:	PER MODULAR BUILDING MANUF.
C.	SNOW LOADS:	PER MODULAR BUILDING MANUF.
D.	WIND LOADS:	
	BASIC WIND SPEED (3-SEC GUST)	115 MPH
	EXPOSURE CATEGORY	C
	IMPORTANCE FACTOR, Iw =	1.00
	ENCLOSURE CLASSIFICATION	ENCLOSED
	DIRECTIONALITY FACTOR, kd =	0.85
	INTERNAL PRESSURE COEFFICIENT, GCpi =	±0.18
E.	SEISMIC LOAD:	
	SOIL SITE CLASS	D
	IMPORTANCE FACTOR, Ie =	1.00
	0.2 SECOND Ss	0.140g
	1.0 SECOND S1	0.070g
	0.2 SECOND Sds	0.149g
	1.0 SECOND Sd1	0.113g
	SEISMIC DESIGN CATEGORY	B
3.	FOUNDATION DESIGN DATA	
	ALLOWABLE SOIL BEARING PRESSURE	2,000 PSF



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DESIGN DATA

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

DATE ISSUED: 9/5/2023  
DRAWN BY: DJM  
CHECKED BY: HWD

SHEET NO.