

PROJECT TITLE

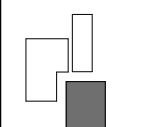
**WEST  
BRUNSWICK  
HIGH SCHOOL  
NEW ROTC  
BUILDING**

550 WHITEVILLE ROAD N.W.  
SHALLOTTE, NC 28470

DSP # : 100  
DPI SCHOOL # : 1167

SHEET TITLE

**ROTC BUILDING  
FOUNDATION PLAN**



KEY PLAN

ISSUE BLOCK

Mark	Date	Description
1	05.04.20	ADDENDUM 1
	04.16.20	ISSUED FOR BIDDING
	03.20.20	100% REVIEW SUBMISSION
	10.14.19	NC DPI DD SUBMISSION
	07.30.19	SD PROGRESS DRAWINGS
	07.11.19	NC DPI SD SUBMISSION

PROJECT NO:

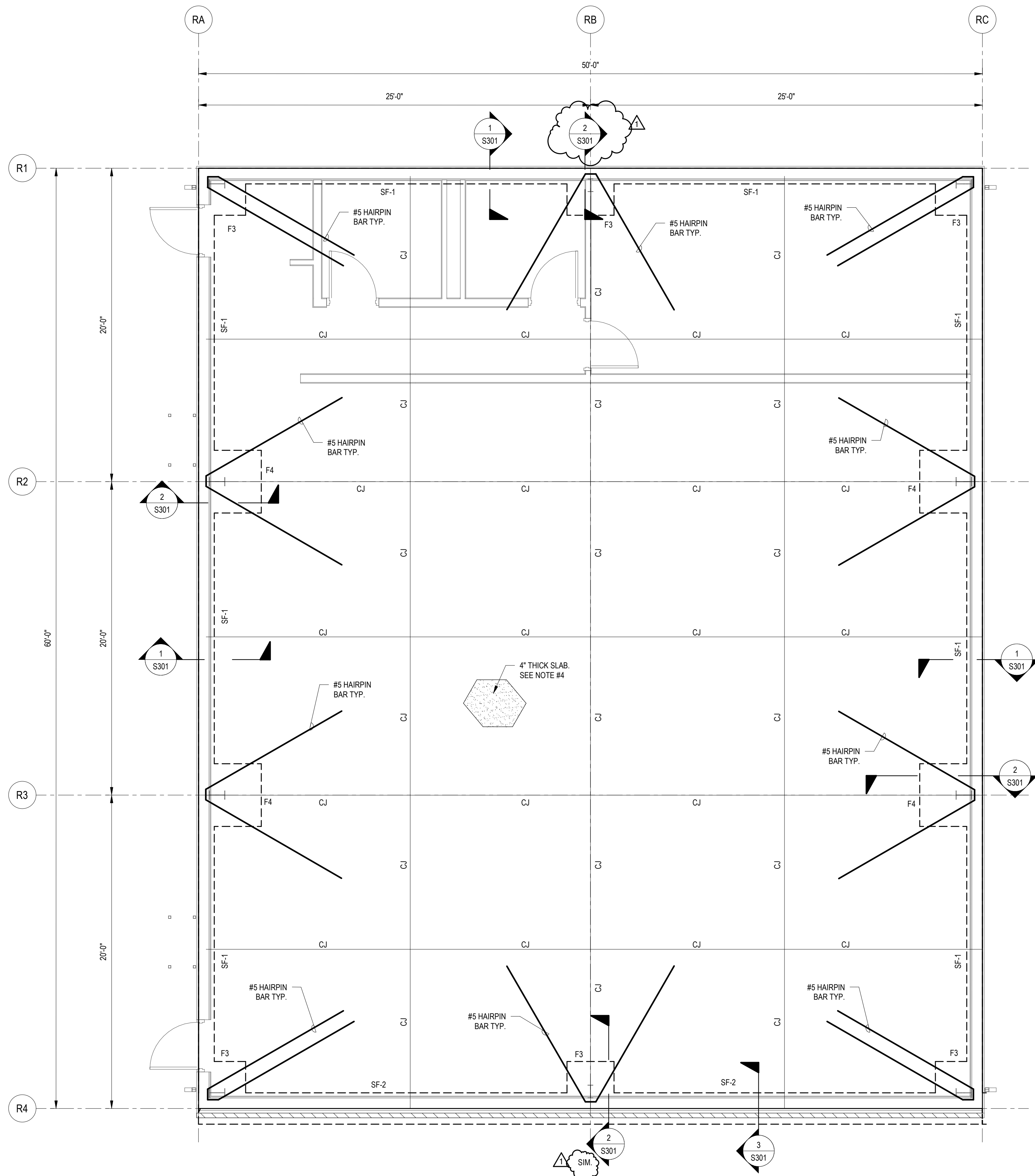
DATE: 04.16.2020

SCALE: As indicated

DRAWN BY: MBK PROJ MGR: ALS

**S201**

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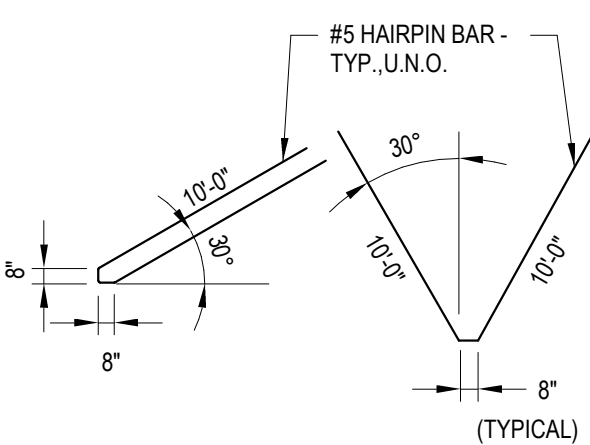


**ROTC BUILDING FOUNDATION PLAN**

SCALE: 1/4\" = 1'-0\"

**LEGEND - FOUNDATION**

- FX SPREAD FOOTING DESIGNATION SEE SCHEDULE THIS SHEET  
SF-X STRIP FOOTING DESIGNATION SEE SCHEDULE THIS SHEET  
CJ INDICATES CONCRETE SLAB CONTRACTION JOINTS, SEE S1.02 FOR TYPICAL DETAILS.  
PRE-ENGINEERED METAL BUILDING STEEL COLUMN - SEE PEMB BASE PLATE INFO AND S301 FOR ANCHOR BOLT INFO



**NOTES - FOUNDATION PLAN**

- SEE SHEET S101 FOR ADDITIONAL GENERAL NOTES, FOUNDATION NOTES, CONCRETE NOTES, AND REINFORCING STEEL NOTES. ALSO, SEE SHEET S102 FOR TYPICAL DETAILS. TYPICAL DETAILS ARE GENERALLY NOT SHOWN ON PLAN BUT RATHER ARE INTENDED TO DEFINE TYPICAL CONSTRUCTION CONDITIONS.
- DATUM ELEVATION = TOP OF SLAB ELEVATION = ASSUMED 0'-0\". OTHER ELEVATIONS ARE NOTED AS (+ OR -) FROM DATUM ELEVATION.
- RELOCATE ANY UTILITY LINES THAT CONFLICT WITH THE FOUNDATIONS OR DROP THE FOUNDATIONS TO AN ELEVATION BELOW THE PROPOSED UTILITIES. RELOCATE ANY GRAVITY FLOW LINES THAT CONFLICT WITH SPREAD FOOTINGS AS SHOWN ON STRUCTURAL FOUNDATION PLANS. IF A GRAVITY FLOW LINE TRAVELS UNDER A CONTINUOUS STRIP FOOTING EITHER:
  - DROP THE FOOTING ELEVATION BELOW THE PROPOSED LINE
  - ENCASE THE LINE IN A STEEL PIPE 2\" LARGER IN DIAMETER THAN THE LINE AND EXTEND THE PIPE 1'-0\" PAST EACH SIDE OF THE CONCRETE FOOTING. BACKFILL THE TRENCH WITH #57 STONE. THE BEARING CAPACITY OF THIS AREA MUST MEET OR EXCEED THE ALLOWABLE SOIL BEARING CAPACITY.
- SLAB-ON-GRADE SHALL BE 4\" THICK (SEE PLAN) 3000 psi CONCRETE WITH WWW 6x6w2.0xw2.0 ON SUPPORT CHAIRS ON 15 mil VAPOR BARRIER, ON 6\" COMPACTED SELECT GRANULAR MATERIAL ON WELL COMPACTED SUB GRADE. SEE S1.01 FOUNDATION NOTES FOR COMPACTION REQUIREMENTS. VERIFY COMPACTION w/QUALIFIED GEOTECHNICAL ENGINEER.
- REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER DISCIPLINE DRAWINGS FOR OPENINGS AND DEPRESSIONS NOT SHOWN ON THESE DRAWINGS.
- G.C. TO COORDINATE STEPS IN FOUNDATION FOR PLUMBING, ELECTRICAL, AND MECHANICAL.
- PROVIDE STEEL SLEEVE FOR PLUMBING LINES UNDER FOUNDATIONS. SLEEVE SHALL BE 2\" LARGER IN DIAMETER THAN PLUMBING LINE AT THAT LOCATION.
- DIMENSIONS ARE FROM EDGE OF SLAB (E.O.S.) AND OUTSIDE FACE OF STUD (O.F.S.) / CURTAINWALL (O.F.CW.) TO COLUMN CENTERLINE UNLESS NOTED OTHERWISE.

SPREAD FOOTING (FX) SCHEDULE				
MARK	WIDTH x LENGTH x THICKNESS	REINFORCEMENT		COMMENTS
		TOP BARS EACH WAY (U.N.O.)	BOTTOM BARS EACH WAY (U.N.O.)	
F3	3'-0\" x 3'-0\" x 2'-0\"	(4) #5	(4) #5	MONOLITHIC W/ SLAB
F4	4'-0\" x 4'-0\" x 2'-0\"	(4) #5	(4) #5	MONOLITHIC W/ SLAB

STRIP FOOTING (SF-X) SCHEDULE			
MARK	WIDTH x THICKNESS x LENGTH	REINFORCEMENT	COMMENTS
SF-1	1'-0\" x 2'-0\" x CONT.	(2) #5 CONT.	
SF-2	2'-0\" x 2'-0\" x CONT.	(3) #5 CONT.	

8' 4' 0' 8'  
SCALE : 1/8\" = 1'-0\"

