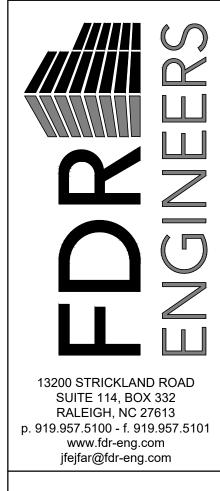


STATEMENT OF SPECIAL INSPECTIONS								
PROJECT INFORMATION		DESIGN PROFESSIONAL INFORMATION		CONSTRUCTION AND SITE				
PROJECT NAME	COLUMBUS COUNTY SHERIFF OFFICE	ARCHITECT/ENGINEER/CONSULTANT	HEATH HENDRICK, PE	INSPECTION CATEGORIES	CONCRETE			
PROJECT DESCRIPTION	COMMERCIAL	FIRM	FDR ENGINEERS, PLLC	SEISMIC DESIGN CATEGORY	D			
LOCATION	WHITESVILLE, NC	ADDRESS	121 KITTY HAWK DR, MORRISVILLE, NC 27560	WIND SPEED	148 MPH			
OWNER	N/A	PHONE	(919) 957-5100	EXPOSURE CATEGORY	С			

REQUIRED SPECIAL INSPECTIONS TYPE	CONTINUOUS SPECIAL INSPECTION	OF CONCRI PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	
INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	-	X	ACI 318 CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4	
2. REINFORCING BAR WELDING:					
a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706;	-	Х	AWS D1.4	-	
b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND		Х	ACI 318: 26.6.4		
c. INSPECT ALL OTHER WELDS	Х				
3. INSPECT ANCHORS CAST IN CONCRETE	-	Х	ACI 318: 17.8.2	-	
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEM	BERS				
 a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS 	X		ACI 318: 17.8.2.4	-	
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a		Х	ACI 318: 17.8.2		
5. VERIFY USE OF REQUIRED DESIGN MIX	-	Х	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2 1908.3	
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF CONCRETE	X	-	ASTM C172 ASTM C31 ASTM 318: 26.4, 26.12	1908.10	
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	Х	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8	
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	-	Х	ACI 318: 26.5.3-26.5.5	1908.9	
9. INSPECT PRESTRESSED CONCRETE FOR:					
a. APPLICATION OF PRESTRESSING FORCES; AND	X	-	ACI 318: 26.10	-	
b. GROUTING OF BONDED PRESTRESSING TENDONS	Х	-			
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS	-	Х	ACI 318: CH. 26.8	-	
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS	-	Х	ACI 318: 26.11.2	-	
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	-	Х	ACI 318: 26.11.1.2(b)	-	

SPECIAL INSPECTION AND TESTING:

- 1. SPECIAL INSPECTION AND MINIMUM TESTING SHALL BE PERFORMED IN ACCORDANCE WITH 2018 NCSBC, TABLES 1704.3 (STEEL), 1705.3 (CONCRETE), AND 1705.2.3 (OPEN-WEB STEEL JOISTS AND JOIST GIRDERS).
- 2. INSPECTION & TESTING SHALL BE PROVIDED BY AN INDEPENDENT TESTING AGENCY HIRED AT THE OWNER'S EXPENSE. AGENCY INSPECTION PERSONEL SHALL MEET THE INSPECTOR QUALIFICATIONS FOR EACH MATERIAL ITEM AS INDICATED IN THE SPECIFICATIONS. ALL RE-TESTING DUE TO FAILURE OF ORIGINAL TEST SHALL BE PAID FOR BY THE GENERAL CONTRACTOR.
- 3. ANY MATERIAL OR PLACEMENT DEVIATIONS FROM MINIMUMS SHOWN ON THE DRAWINGS OR IN SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.







LUMBUS COUNTY SHERRIFF'S DE PEMB FOUNDATION DESIGN

Sheet Title
Sheet Title
Sheet Title
Sheet Title
Sheet Title

APPROVED BY: HMH

PROJECT #: 24-308

DATE: 03/24/2025

No. Revision Date

1 FOOTING ADD 01/16/2025

SK1.2