PROJECT REFERENCE NO. | SHEET NO. <u>U-2525C</u> ESTIMATED DIMENSION: 27' X 10' MAXIMUM DEADLOAD : 5200 LBS -DMS ACCESS DMS-1 PLATFORM 25' CLEARANCE TO BOTTOM OF DMS TRAVEL LANE TRAVEL LANE PAVED SHOULDER MINIMUM -NEW GUARDRAIL SOUTHBOUND SOUTHBOUND 4.47:1 NOTES 1. CONTRACTOR IS RESPONSIBLE FOR FURNISHING ELEVATION DRAWINGS FOR ENGINEER'S APPROVAL. 2. PROVIDE A FIXED LADDER LEADING TO THE ACCESS PLATFORM. 3. EQUIP THE LADDER WITH A SECURITY COVER (LADDER GUARD). START THE FIRST LADDER RUNG NO MORE THAN 18 INCHES ABOVE A CONCRETE LANDING PAD. DESIGN RUNGS ON 12 INCH CENTER-TO-CENTER TYPICAL SPACING. 4. INSTALL A CONCRETE LANDING PAD MEASURING A MINIMUM 4 INCHES DEEP, 24 INCHES WIDE, AND 36 INCHES LONG DIRECTLY BENEATH THE LADDER. 5. USE ACTUAL DIMENSIONS AND WEIGHT OF THE DMS TO COMPLETE THE DESIGN OF THE DMS STRUCTURE. 6. FIELD VERIFY ALL FOOTING ELEVATIONS AND GROUND SLOPES AT THE FOOTING USING THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. 7. ENSURE THAT THE TOP OF THE FOOTING EXTENDS AT LEAST 6 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE _____ GROUND SURFACE AT THE FOOTING. SEAL 8. VERIFY ALL UNDERGROUND UTILITY LOCATIONS BEFORE BEGINNING ANY UNDERGROUND WORK. DO NOT DAMAGE ANY EXISTING UTILITIES OR ____ELEVATION_PLAN____ NCDOT CABLES DURING CONSTRUCTION. DESIGN THE STRUCTURE TO ACCOMODATE THE INSTALLATION OF THE DMS WITH A CCTV CAMERA EXTENSION POLE. <u>DIVISION 07 GUILFORD CO.</u> <u>GREENSBORO</u> PLAN DATE: NOVEMBER 2017 REVIEWED BY: P.P. MARAK, PE 10. SEE ROADWAY PLANS FOR GUARDRAIL DETAILS. 750 N. Greenfield Pkwy., Garner, NC 27529 PREPARED BY: G.A. GREEN REVIEWED BY: M.A. ASLAMI, PE REVISIONS INIT. DATE