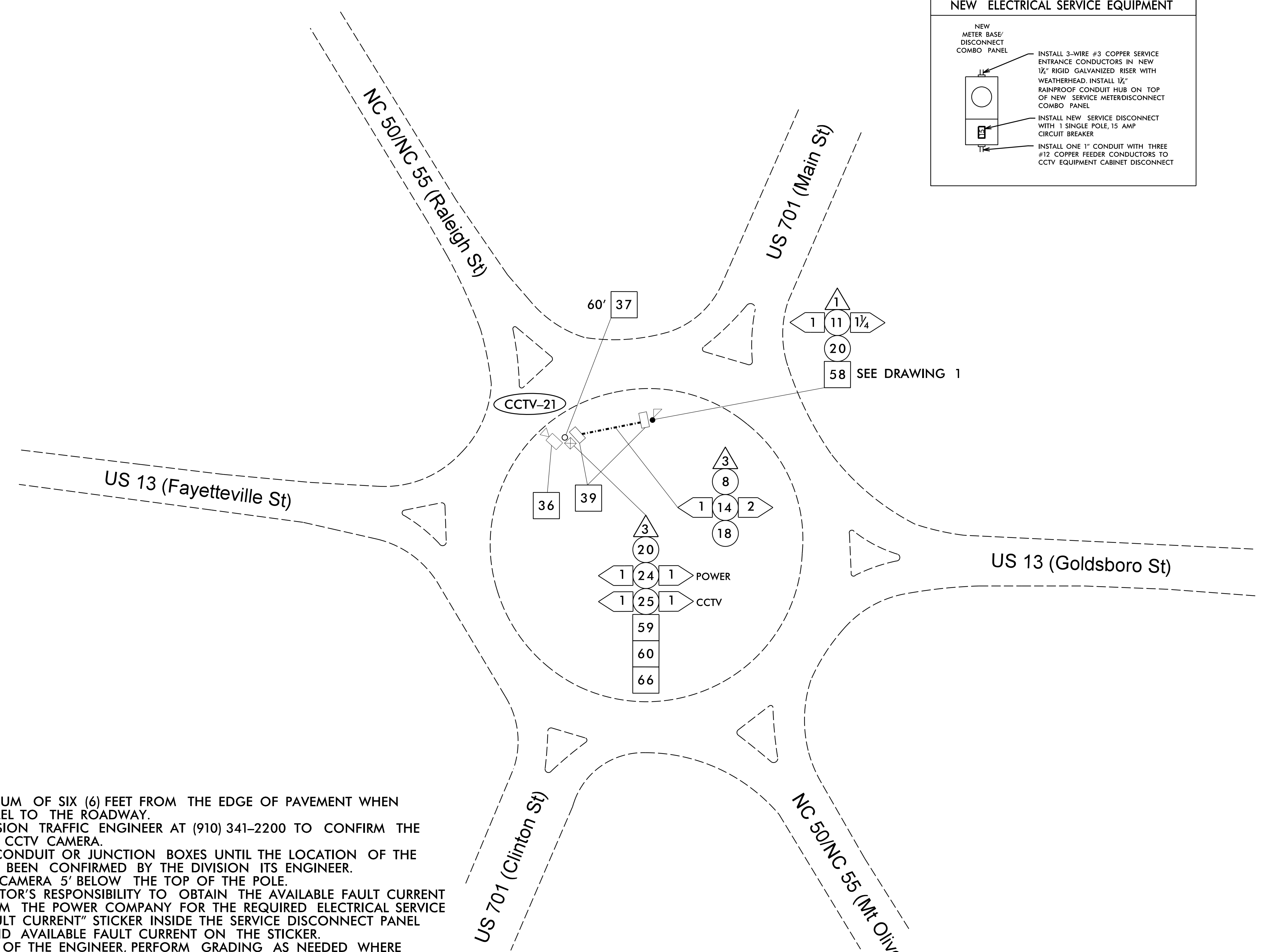


DRAWING 1

NEW ELECTRICAL SERVICE EQUIPMENT

NEW METER BASE/DISCONNECT COMBO PANEL

- INSTALL 3-WIRE #3 COPPER SERVICE ENTRANCE CONDUCTORS IN NEW 1/2" RIGID GALVANIZED RISER WITH WEATHERHEAD. INSTALL 1/2" RAINPROOF CONDUIT HUB ON TOP OF NEW SERVICE METER/DISCONNECT COMBO PANEL.
- INSTALL NEW SERVICE DISCONNECT WITH 1 SINGLE POLE, 15 AMP CIRCUIT BREAKER.
- INSTALL ONE 1" CONDUIT WITH THREE #12 COPPER FEEDER CONDUCTORS TO CCTV EQUIPMENT CABINET DISCONNECT.



NOTES:

- 1) MAINTAIN A MINIMUM OF SIX (6) FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY.
- 2) CONTACT THE DIVISION TRAFFIC ENGINEER AT (910) 341-2200 TO CONFIRM THE LOCATION OF THE CCTV CAMERA.
- 3) DO NOT INSTALL CONDUIT OR JUNCTION BOXES UNTIL THE LOCATION OF THE CCTV CAMERA HAS BEEN CONFIRMED BY THE DIVISION ITS ENGINEER.
- 4) MOUNT THE CCTV CAMERA 5' BELOW THE TOP OF THE POLE.
- 5) IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE AVAILABLE FAULT CURRENT INFORMATION FROM THE POWER COMPANY FOR THE REQUIRED ELECTRICAL SERVICE AND PLACE A "FAULT CURRENT" STICKER INSIDE THE SERVICE DISCONNECT PANEL WITH THE DATE AND AVAILABLE FAULT CURRENT ON THE STICKER.
- 6) AT THE DIRECTION OF THE ENGINEER, PERFORM GRADING AS NEEDED WHERE GUARDRAIL, POLE INSTALLATION AND DMS CONSTRUCTION WORK HAS BEEN PERFORMED.
- 7) NCDOT DIVISION 3 WILL FURNISH THE CCTV AND DMS CELL MODEMS. CONTACT THE ENGINEER SIX (6) WEEKS PRIOR TO BEGINNING WORK.
- 8) REFER TO THE TRANSPORTATION MANAGEMENT PLAN FOR LANE CLOSURE TIME RESTRICTIONS.



<p>Prepared For: The University of North Carolina Department of Transportation Transportation Systems Division</p>	<p>Newton Grove Traffic Circle CCTV</p>		<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>					
	<p>PLAN DATE: March 2021</p> <p>PREPARED BY: A. Andrews</p>	<p>REVIEWED BY: WJ Hamilton</p> <p>RKA PROJ. NO.: 18132 (040)</p>		<p>SEAL</p> <p>WILLIAM J. HAMILTON</p> <p>3/26/2021</p>				
<p>750 N. Greenfield Pkwy., Garner, NC 27529</p> <p>SCALE 0 40</p>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<p>DocuSign</p> <p>William J. Hamilton</p> <p>3/26/2021</p>
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