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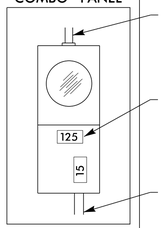
PROJECT REFERENCE NO.	SHEET NO.
I-5987B	ITS-7

DRAWING #1

NEW ELECTRIC SERVICE EQUIPMENT

NEW METER BASE/ DISCONNECT COMBO PANEL

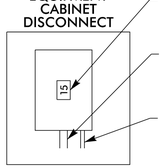


- TO POWER SOURCE
- INSTALL NEW METER BASE/ DISCONNECT COMBO PANEL WITH A MINIMUM 125 AMP MAIN SERVICE DISCONNECT, MINIMUM 8 SPACES, AND A SINGLE POLE, 15 AMP CIRCUIT BREAKER
- INSTALL ONE 2.0" CONDUIT WITH THREE #6 AWG COPPER FEEDER CONDUCTORS TO EQUIPMENT CABINET DISCONNECT AT CCTV

DRAWING #2

NEW EQUIPMENT CABINET DISCONNECT

NEW EQUIPMENT CABINET DISCONNECT



- INSTALL ONE SINGLE POLE, 15 AMP CIRCUIT BREAKER FOR CCTV
- INSTALL ONE 2.0" CONDUIT FROM METER BASE/DISCONNECT COMBO PANEL
- INSTALL ONE 1.5" CONDUIT WITH THREE #12 COPPER FEEDER CONDUCTORS TO POLE-MOUNTED CCTV CABINET

CCTV-2 GPS COORDINATES

34.81113° N
78.98575° W

I-95 Southbound

I-95 Northbound

SEE DRAWING 2

SEE DRAWING 1

CCTV-2 -L- STA 617+64
120' RT

EXISTING METER BASE/ DISCONNECT

Duke Power Source

Light Pole

R/W

NC 20

610

620

40

25

20

NOTES:

1. POWER COMPANY CONTACT – DUKE ENERGY – ERIC CHAVIS (910) 506-6531.
2. REFER TO SHEET 3B-4 FOR GUARDRAIL INFORMATION.
3. MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY.
4. CONTACT DIVISION 6 TRAFFIC ENGINEER FRANK D. WEST, JR. AT (910) 364-0606 TO CONFIRM THE LOCATION OF THE CCTV/DMS.
5. DO NOT INSTALL CONDUIT OR JUNCTION BOXES UNTIL THE PROPOSED LOCATION OF THE CCTV CAMERA OR DMS HAVE BEEN CONFIRMED BY THE DIVISION TRAFFIC ENGINEER.
6. MOUNT THE CCTV CAMERA 45 FEET ABOVE GRADE.
7. MOUNT THE CCTV CAMERA 5 FEET BELOW THE TOP OF THE POLE.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Transportation Mobility and Safety Division
ITS and Signals Unit
750 N.Greenfield Pkwy.Garner,NC 27529

RS&H
NC FIRM LICENSE No: F-0493
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
(919) 926-4100

I-95
CCTV-2
(NC 20 Exit 31)

Division 6 Robeson County Lumberton

PLAN DATE:	March 2022	REVIEWED BY:	S.G. Haynie
PREPARED BY:	O. Drobny	REVIEWED BY:	J. S. Cole

SCALE 0 40 1"=40'

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 029531
STEVEN G. HAYNIE

DocuSigned by:
Steven G. Haynie 3/18/2022
DESIGNER'S SIGNATURE DATE

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