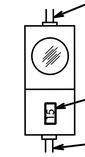
DocuSign Envelope ID: 6F43BBDB-21EE-403D-B7D9-F029B1CC8FA6

PROJECT REFERENCE NO.	SHEET NO.
R-2123CG	ITS-12

DRAWING 1

NEW ELECTRICAL SERVICE EQUIPMENT



- INSTALL 3–WIRE #3 COPPER SERVICE ENTRANCE CONDUCTORS IN NEW 1½" RIGID GALVANIZED RISER WITH WEATHERHEAD. INSTALL 1¼" 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 2" CONDUIT WITH THREE #8 COPPER FEEDER CONDUCTORS TO CCTV EQUIPMENT CABINET DISCONNECT

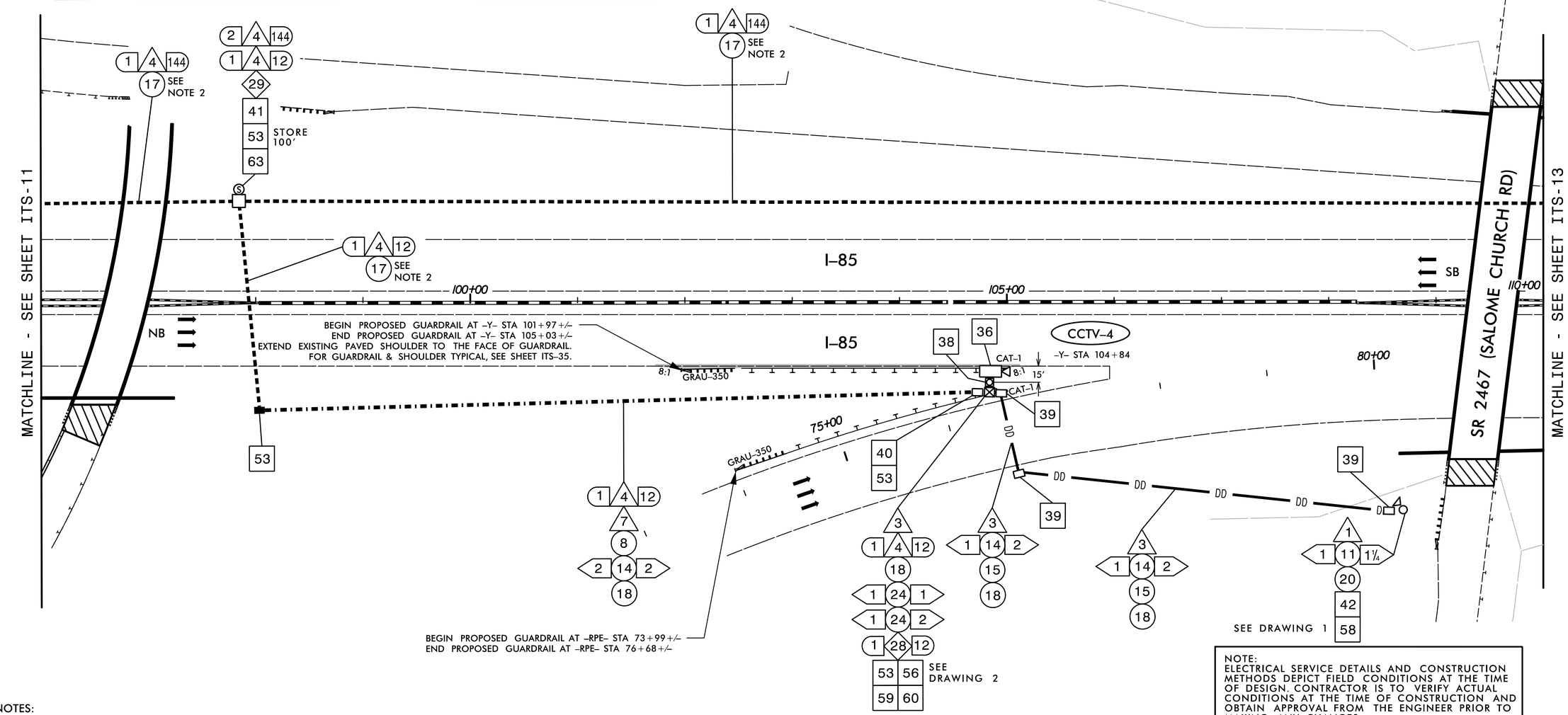
DRAWING 2

NEW EQUIPMENT CABINET DISCONNECT

- INSTALL 1 SINGLE POLE, 15 AMP CIRCUIT BREAKER FOR CCTV
- INSTALL ONE 1" CONDUIT WITH THREE #8 COPPER FEEDER CONDUCTORS FROM METER BASE/ DISCONNECT COMBO PANEL
- INSTALL ONE 1" CONDUIT WITH THREE #12 COPPER FEEDER CONDUCTORS TO POLE–MOUNTED CCTV CABINET

CCTV–4 GPS COORDINATES

N 35° 21.144′
W 80° 43.753′



NOTE:
ELECTRICAL SERVICE DETAILS AND CONSTRUCTION METHODS DEPICT FIELD CONDITIONS AT THE TIME OF DESIGN. CONTRACTOR IS TO VERIFY ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION AND OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY CHANGES.

NOTES:

1. MAINTAIN A MINIMUM OF SIX (6) FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY.
2. INSTALL FIBER–OPTIC CABLE INTO THE EXISTING BLACK DUCT.
3. CONTACT THE REGIONAL ITS ENGINEER AT (704) 347–6601 TO CONFIRM THE LOCATION OF THE CCTV.
4. MOUNT THE CCTV CAMERA 45′ ABOVE GRADE.
5. INSTALL A LEVEL CONCRETE TECHNICIAN PAD MEASURING A MINIMUM 4 INCHES THICK, 24 INCHES WIDE AND 36 INCHES LONG AT THE FRONT DOOR OF THE CCTV EQUIPMENT CABINET. SEE TYPICAL DETAILS SHEET.
6. CONTACT TOM EDELIN (DUKE ENERGY) AT (704) 582–8070 TO OBTAIN POWER TO ELECTRICAL SERVICE.

ROADWAY
NORTH CAROLINA PROFESSIONAL SEAL 023521 ENGINEER RHONDA B. EARLY
DocuSigned by: Rhonda Early 12-18-2014
SIGNATURE DATE

HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

Plans Prepared for: Transportation Mobility and Safety Division — Intermodal Transportation Systems — Department of Transportation
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50 1"=50'

CABLE ROUTING PLAN

DIVISION 10 MECKLENBURG CO. CHARLOTTE

PLAN DATE:	DECEMBER 2014	REVIEWED BY:	A.D. KLINKSIEK
PREPARED BY:	T.R. TERRELL	REVIEWED BY:	H.L. WINSTEAD

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 07983 ENGINEER HARVEY L. WINSTEAD, JR.
DocuSigned by: H L Winstead 12-18-2014
F62917C5CE07429...
SIGNATURE DATE

CADD Filename: R2123CG_ITS-12.dgn