PROJECT REFERENCE NO.	SHEET NO.
R-5115	E1

USE FOR LIGHTING CONSTRUCTION ONLY

NORTH CAROLINA PROFESSIONAL SEAL 022582 ENGINEER PAUL KI-BUN CHAN

DocuSigned by: Paul Chan 10/8/2014
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NAD 83/ NSRS 2007

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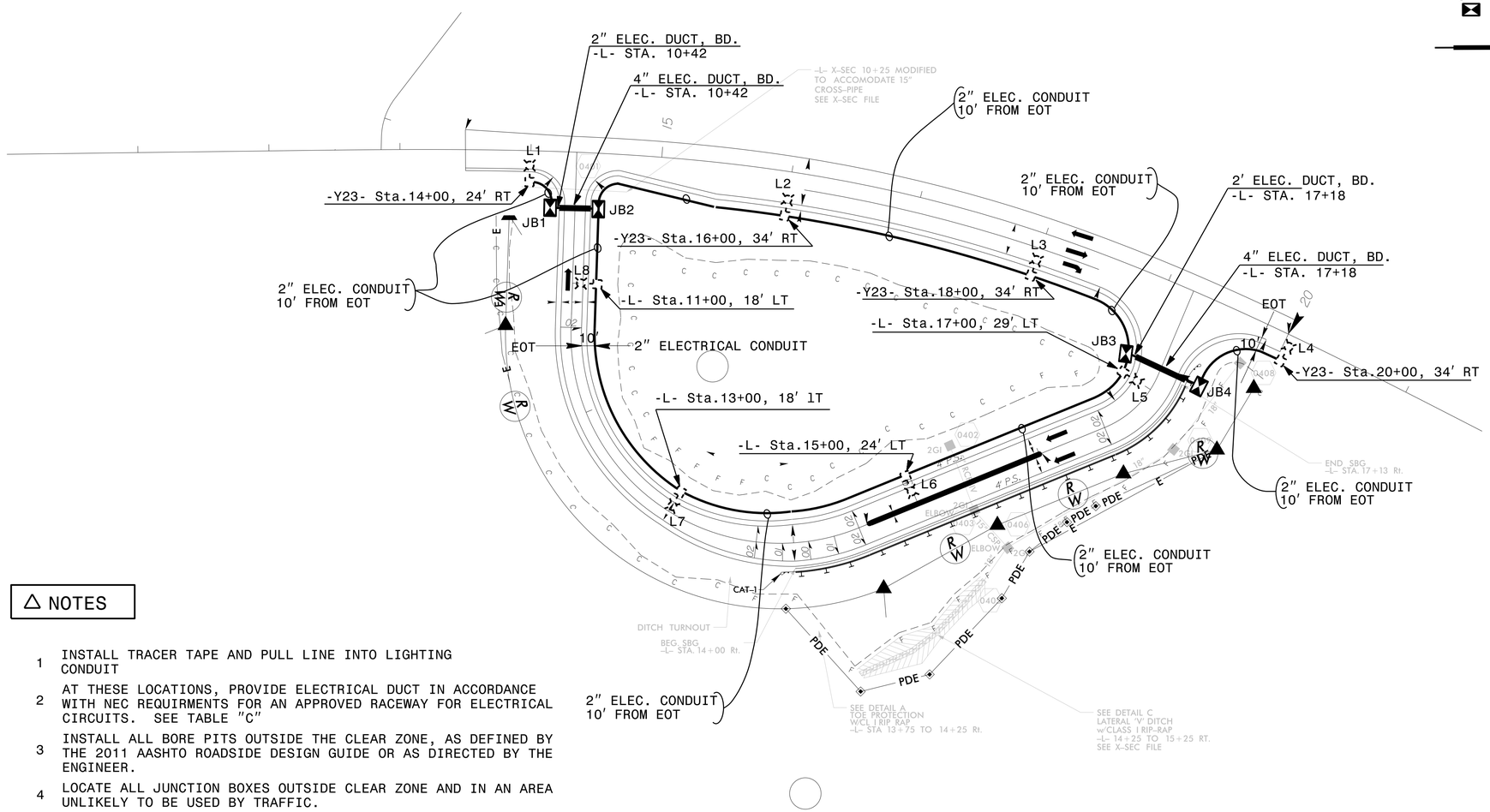
LEGEND

PROPOSED LED215_AEL.ies LIGHT (215W LED SHORT TYPE III CUTOFF LUMINAIR) AT 35 FEET MOUNTING HEIGHT, WITH POLE SETBACK OF 10 FEET FROM EDGE OF TRAVEL LANE (EOT)AND WITH 6 FEET ARM. TO BE INSTALLED BY DUKE ENERGY AT A LATER TIME.

JB1 PROPOSED PC30 ELECTRICAL JUNCTION BOX

2″ ELEC. DUCT BD

4″ ELEC. DUCT BD



△ NOTES

1. INSTALL TRACER TAPE AND PULL LINE INTO LIGHTING CONDUIT
2. AT THESE LOCATIONS, PROVIDE ELECTRICAL DUCT IN ACCORDANCE WITH NEC REQUIRMENTS FOR AN APPROVED RACEWAY FOR ELECTRICAL CIRCUITS. SEE TABLE "C"
3. INSTALL ALL BORE PITS OUTSIDE THE CLEAR ZONE, AS DEFINED BY THE 2011 AASHTO ROADSIDE DESIGN GUIDE OR AS DIRECTED BY THE ENGINEER.
4. LOCATE ALL JUNCTION BOXES OUTSIDE CLEAR ZONE AND IN AN AREA UNLIKELY TO BE USED BY TRAFFIC.
5. TYPE PC30 JUNCTION BOXES ARE 30″ L X 17″ W X 18″ H.

Rev.	Date	Description	Approved
2			
1			

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROADWAY DESIGN — LIGHTING/ELECTRICAL SECTION

ELECTRICAL CONDUIT SYSTEM

TRUCK TURN-AROUND LOOP
US 64/NC 28 IN FRANKLIN

MACON COUNTY

Drawn By:	Approved By:	Dwg No.:
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