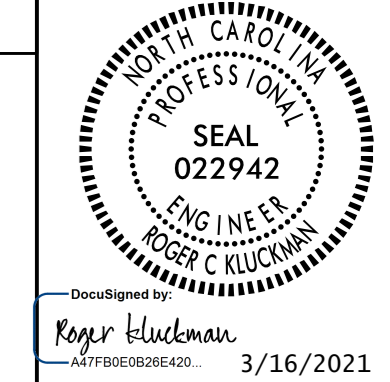


PLANS AND DETAILS FOR PROPOSED LIGHTING /ELECTRICAL CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



NOTES

- 1 AT THESE LOCATIONS, PROVIDE ELECTRICAL DUCT IN ACCORDANCE WITH NEC REQUIREMENTS FOR AN APPROVED RACEWAY FOR ELECTRICAL CIRCUITS. SEE TABLE "C"
- 2 INSTALL ALL BORE PITS OUTSIDE THE CLEAR ZONE, AS DEFINED BY THE 2011 AASHTO ROADSIDE DESIGN GUIDE OR AS DIRECTED BY THE ENGINEER.
- 3 LOCATE ALL JUNCTION BOXES OUTSIDE CLEAR ZONE AND IN AN AREA UNLIKELY TO BE USED BY TRAFFIC.
- 4 LOCATE PROPOSED CONTROL SYSTEM IN AN AREA ACCESSIBLE FOR MAINTENANCE VEHICLES AND OUTSIDE OF CLEAR ZONE AS DEFINED BY THE 2011 AASHTO ROADSIDE DESIGN GUIDE.
- 5 INSTALL RIGID GALVANIZED CONDUIT (RGC) ABOVE GROUND, AND POLYVINYL CHLORIDE (PVC) SCHEDULE 40 CONDUIT UNDERGROUND, EXCEPT AS MODIFIED ON THESE PLANSHEETS OR IN APPLICABLE SECTIONS OF THE ROADWAY STANDARD DRAWINGS FOR THIS PROJECT.
- 6 ALL JUNCTION BOXES SHALL BE 18" HIGH, UNLESS OTHERWISE NOTED.
- 7 CONTRACTOR SHALL RECORD THE GPS COORDINATES OF EACH JUNCTION BOX IN THE JUNCTION BOX SUMMARY, TABLE C. PROVIDE A COPY OF THE JUNCTION BOX SUMMARY WITH THESE COORDINATES TO THE LIGHTING ENGINEER DURING PROJECT INSPECTION.
- 8 INSTALL NEW CONDUCTORS IN EXISTING CONDUIT
- 9 INTERCEPT EXISTING CONDUIT AND INSTALL ELBOW TO TURN CONDUIT INTO JUNCTION BOX. INSTALL NEW CONDUCTORS IN EXISTING CONDUIT BETWEEN JUNCTION BOX AND EXISTING LIGHT POLE, AND JUNCTION BOX TO EXISTING JUNCTION BOX.
- 10 EXISTING POLE. RELOCATE OR REMAIN IN PLACE AS SHOWN. ALL OTHER EXISTING POLES TO BE REMOVED AND DISPOSED OF.
- 11 ABANDON CIRCUITRY ONLY. CONDUIT TO BE RETAINED AND REUSED
- 12 POLE NUMBERING CONVENTION: CONTROL SYSTEM-POLE #-CKT # (A-3-2).
- 13 INSTALL 6 OF THE REMOVED HIGH MAST LED LUMIANIRES ON THIS POLE.

SCOPE OF WORK

RENOVATE EXISTING ROADWAY LIGHTING SYSTEM BY REPLACING CONTROL SYSTEM, ADDING NEW POLES WITH LED LUMINAIRES, RELOCATING EXISTING POLES AND INSTALLING NEW JUNCTION BOXES, CONDUIT AND CIRCUITRY.

DESIGN CRITERIA

- 0.8 AVERAGE FOOTCANDLE ON TRAVEL LANES
- 4:1 AVERAGE TO MINIMUM UNIFORMITY RATIO ON TRAVEL LANES
- 0.3 MAXIMUM VEILING LUMINANCE
- 2018 AASHTO ROADWAY LIGHTING DESIGN GUIDE
- 2013 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 6TH EDITION AND LATEST INTERIM SPECIFICATIONS VALID AT THE TIME OF LETTING (HANDHOLE SHAFT DIAMETER REQUIREMENT AND HANDHOLE PLACEMENT REQUIREMENT WAIVED)
- FATIGUE CATEGORY II SHALL BE USED IN DESIGN
- DESIGN HIGH MOUNT SUPPORT FOR BASIC WIND SPEED OF 100 MPH
- DESIGN HIGH MOUNT STANDARD FOUNDATION FOR BASIC WIND SPEED OF 130 MPH. ANY CONTRACTOR-DESIGNED SITE SPECIFIC FOUNDATION DESIGN SHALL BE DESIGNED FOR THE SAME WIND SPEED
- 2017 NATIONAL ELECTRICAL CODE
- 2011 AASHTO ROADSIDE DESIGN GUIDE

ROADWAY STANDARDS

THE FOLLOWING ROADWAY ENGLISH STANDARDS AS APPEAR IN "NCDOT ROADWAY STANDARD DRAWINGS", ROADWAY DESIGN UNIT-N.C. DEPARTMENT OF TRANSPORTATION RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD NO.	TITLE
1401.01	HIGH MOUNT STANDARD
1404.01	LIGHT STANDARDS
1405.01	STANDARD FOUNDATION
1407.01	ELECTRIC SERVICE POLE AND LATERAL
1408.01	LIGHT CONTROL SYSTEM (USE ATTACHED DETAIL SHEET 1408D01 IN LIEU OF STANDARD DRAWING 1408.01, SHEETS E6 & E7)
1409.01	ELECTRICAL DUCT
1410.01	FEEDER CIRCUITS
1411.01	ELECTRICAL JUNCTION BOXES

ALL WORK SHALL BE IN CONFORMANCE WITH DIVISION 14 OF THE STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, DATED JANUARY 2018.

LEGEND

- EXISTING 100' HIGH MAST STANDARD TO BE REMOVED. REMOVE OR ABANDON FOUNDATION.
- PROPOSED 100' HIGH MAST STANDARD W/ HM FOUNDATION, JUNCTION BOX & 6 HM LED LUMINAIRES. 560W MAX, 54,000 MIN. MAINTAINED DELIVERED LUMENS, TYPE V. MAXIMUM BUG RATING 5-0-5.
- PROPOSED 80' HIGH MAST STANDARD W/ HM FOUNDATION, JUNCTION BOX & 8 HM LED LUMINAIRES. 335W MAX, 27,000 MIN. MAINTAINED DELIVERED LUMENS, TYPE V. MAXIMUM BUG RATING 5-0-5.
- PROPOSED CONTROL SYSTEM WITH JUNCTION BOX. SIZE BREAKERS AS SHOWN IN LOAD SCHEDULE. SEE SHEET E5.
- PROPOSED ELECTRICAL JUNCTION BOX SEE DETAILS & TABLE C, SHEET E1A.
- REFERENCE TO CORRESPONDING NOTE AS NUMBERED.
- PROPOSED FEEDER CIRCUIT CONTROL SYSTEM(A), CIRCUIT(1) PLAN SYMBOL (6) SEE TABLE A, THIS SHEET.
- PROPOSED 30' CLASS 4 SERVICE POLE AND LATERAL 3 #1/0 USE 2" CONDUIT
- PROPOSED ELECTRICAL DUCT SIZE 2", 3" OR 4" TYPE (JA) OR (BD) LOCATION: SEE TABLE B, THIS SHEET
- RELOCATED 45' LIGHT STANDARD. INCLUDES STANDARD FOUNDATION TYPE R1 OR R2 AND JUNCTION BOX. INSTALL NEW SO CONDUCTOR INSIDE LIGHT STANDARD. REINSTALL LED ROADWAY LUMINAIRE.
- EXISTING 45' SINGLE ARM LIGHT STANDARD TO REMAIN IN PLACE. INSTALL NEW SO CONDUCTOR INSIDE LIGHT STANDARD.
- EXISTING CONTROL SYSTEM. REMOVE CONTROL SYSTEM, BUT RETAIN GATEWAY FOR REUSE.
- EXISTING ELECTRICAL JUNCTION BOX. REMOVE UNLESS OTHERWISE NOTED ON THE PLANS.
- EXISTING 45' SINGLE ARM POLE TO BE REMOVED & DISPOSED OF UNLESS NOTED OTHERWISE.

PLAN SYMBOL	DESCRIPTION	CONTRACT ITEM
8	2 #8 Ø 1 #10G 1.5" P	2 AWG SIZE 8 CONDUCTOR (BK & RD) 1 AWG SIZE 10 GROUNDING CONDUCTOR 1.5" PVC CONDUIT
*8	2 #8 Ø 1 #10G	2 AWG SIZE 8 CONDUCTOR (BK & RD) 1 AWG SIZE 10 GROUNDING CONDUCTOR
6	2 #6 Ø 1 #8G 1.5" P	2 AWG SIZE 6 CONDUCTOR (BK & RD) 1 AWG SIZE 8 GROUNDING CONDUCTOR 1.5" PVC CONDUIT
*6	2 #6 Ø 1 #10G	2 AWG SIZE 6 CONDUCTOR (BK & RD) 1 AWG SIZE 8 GROUNDING CONDUCTOR
4	2 #4 Ø 1 #6G 1.5" P	2 AWG SIZE 4 CONDUCTOR (BK & RD) 1 AWG SIZE 6 GROUNDING CONDUCTOR 1.5" PVC CONDUIT
*4	2 #4 Ø 1 #6G	2 AWG SIZE 4 CONDUCTOR (BK & RD) 1 AWG SIZE 6 GROUNDING CONDUCTOR
2	2 #2 Ø 1 #4G 1.5" P	2 AWG SIZE 2 CONDUCTOR (BK & RD) 1 AWG SIZE 4 GROUNDING CONDUCTOR 1.5" PVC CONDUIT
*2	2 #2 Ø 1 #4G	2 AWG SIZE 2 CONDUCTOR (BK & RD) 1 AWG SIZE 4 GROUNDING CONDUCTOR

ABBREVIATIONS

BD	BURIED	PVC	PVC SCHEDULE 40 CONDUIT
LT	LIGHT	RGC	RIGID GALVANIZED STEEL CONDUIT
JA	JACKED	C	CONDUIT
MH	MOUNTING HEIGHT	CKT	CIRCUIT
Ø	PHASE	N	NEUTRAL
SER LAT	SERVICE LATERAL	G	GROUND
IGJB	IN GROUND JUNCTION BOX	HM	HIGH MAST
LED	LIGHT EMITTING DIODE	LSJB	LIGHT STANDARD JUNCTION BOX
HMJB	HIGH MAST JUNCTION BOX	CSJB	CONTROL SYSTEM JUNCTION BOX

COMPUTED BY: TQ DATE: 3/3/21
CHECKED BY: RGH DATE: 3/15/21

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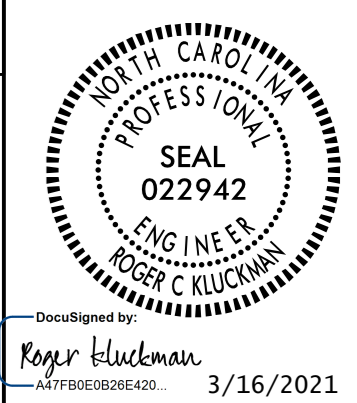


TABLE "C" JUNCTION BOX SUMMARY

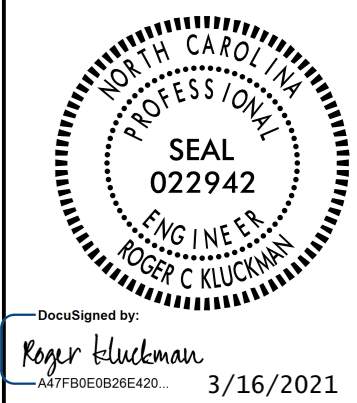
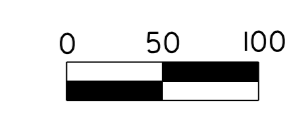
SHEET	LABEL	LOCATION AND OFFSET	CONTROL SYSTEM "C"											GPS LOCATION LAT/LONG		
			IGJB			LSJB			HMJB			CSJB	BRJB		SWJB	
			18"X12"	30"X17"	36"X24"	18"X12"	30"X17"	36"X24"	18"X12"	30"X17"	36"X24"	36"X24"	18"X12"		18"X12"	
E2	JB1	EXISTING JB - REMOVE														
E4	LSC-5-2JB	5' FROM LIGHT STANDARD C-5-2				X										
E4	LSC-4-2JB	5' FROM LIGHT STANDARD C-4-2				X										
E4	JBC7	- L1 - STA. 40+01, 54' RT	X													
E4	HMC-3-2JB	10' FROM HIGH MAST C-3-2						X								
E4	JBC6	- L1 - STA. 47+43, 39' RT	X													
E3	JB3	EXISTING JB - REMOVE														
E3	JB2	EXISTING JB - REMOVE														
E3	JB5	EXISTING JB - REMOVE														
E3	JB6	EXISTING JB - REMOVE														
E3	JB7	EXISTING JB - REMOVE														
E3	JB8	EXISTING JB - REMOVE														
E3	JB9	EXISTING JB - REMOVE														
E3	JB10	EXISTING JB - RETAIN AND REUSE														
E5	HMC-2-1JB	10' FROM HIGH MAST C-2-1						X								
E5	JBC5	- L1 - STA. 50+57, 60' RT	X													
E5	JBC4	- L2 - STA. 50+36, 29' LT			X											
E5	JBC3	- L2 - STA. 50+36, 62' RT			X											
E5	HMC-1-1JB	10' FROM HIGH MAST C-1-1						X								
E5	JBC2	- L2 - STA. 52+11, 59' RT			X											
E5	JBC1	- RPD - STA. 20+23, 31' LT			X											
E5	CSCJB	2' FROM EXISTING CONTROL SYSTEM "C"								X						
E5	LSC-6-3JB	5' FROM LIGHT STANDARD C-6-3				X										
E5	LSC-7-3JB	5' FROM LIGHT STANDARD C-7-3				X										
E5	LSC-8-3JB	5' FROM LIGHT STANDARD C-8-3				X										
E5	JBC8	- Y3 - STA. 21+87, 46' RT	X													
E5	JBC9	- Y3 - STA. 21+87, 39' LT	X													
E5	LSC-10-3JB	5' FROM LIGHT STANDARD C-10-3				X										
E5	JBC10	- Y3 - STA. 23+03, 41' LT	X													
E5	JBC11	- Y3 - STA. 23+03, 43' RT	X													
E5	LSC-11-3JB	5' FROM LIGHT STANDARD C-11-3				X										
E5	HMC-15-4JB	10' FROM HIGH MAST C-15-4						X								
E5	JBC12	- L2 - STA. 57+06, 59' RT			X											
E5	JBC13	- L1 - STA. 57+29, 78' RT			X											
E5	HMC-16-4JB	- L1 - STA. 54+93, 219' RT						X								
E5	HMC-14-5JB	- L - STA. 60+96, 174' LT						X								
E5	JBC14	- L - STA. 63+97, 95' LT	X													
E5	HMC-18-5JB	- L - STA. 66+04, 126' LT						X								
E5	JBC15	- RPB - STA. 14+64, 22' LT	X													
E5	JBC16	EXISTING JB - REUSED FROM E5 JB10														
E5	LSC-9-3JB	5' FROM LIGHT STANDARD C-9-3				X										
CSC TOTALS			9		6	8		7			1					

*EXISTING JUNCTION BOX NOT INCLUDED IN THESE TOTALS

TABLE "B" ELECTRICAL DUCT SUMMARY (ESTIMATED LENGTH IN FEET)

LOCATION	RACEWAY	SHEET	TYPE							
			JACKED (JA) FEET				BURIED (BD) FEET			
			SIZE 2"	SIZE 3"	SIZE 4"	SIZE 6"	SIZE 2"	SIZE 3"	SIZE 4"	SIZE 6"
-L1- STA. 39+95		E4		90						
-L1- STA. 50+57		E5		60						
-L2- STA. 39+73		E4		70						
-L2- STA. 50+36	JBC3 - JBC4	E5			60		90			
-Y3- STA. 21+87		E5		80						
-Y3- STA. 23+03		E5		90						
-Y1- STA. 48+43		E5		90						
-RPB- STA. 14+64		E5		50						
-RPD- STA. 19+97	CSC - JBC1	E5			60		80			
-L1- STA. 57+29	JBC13 - JBC14	E5			140		200			
CSC TOTALS				530	260		370			

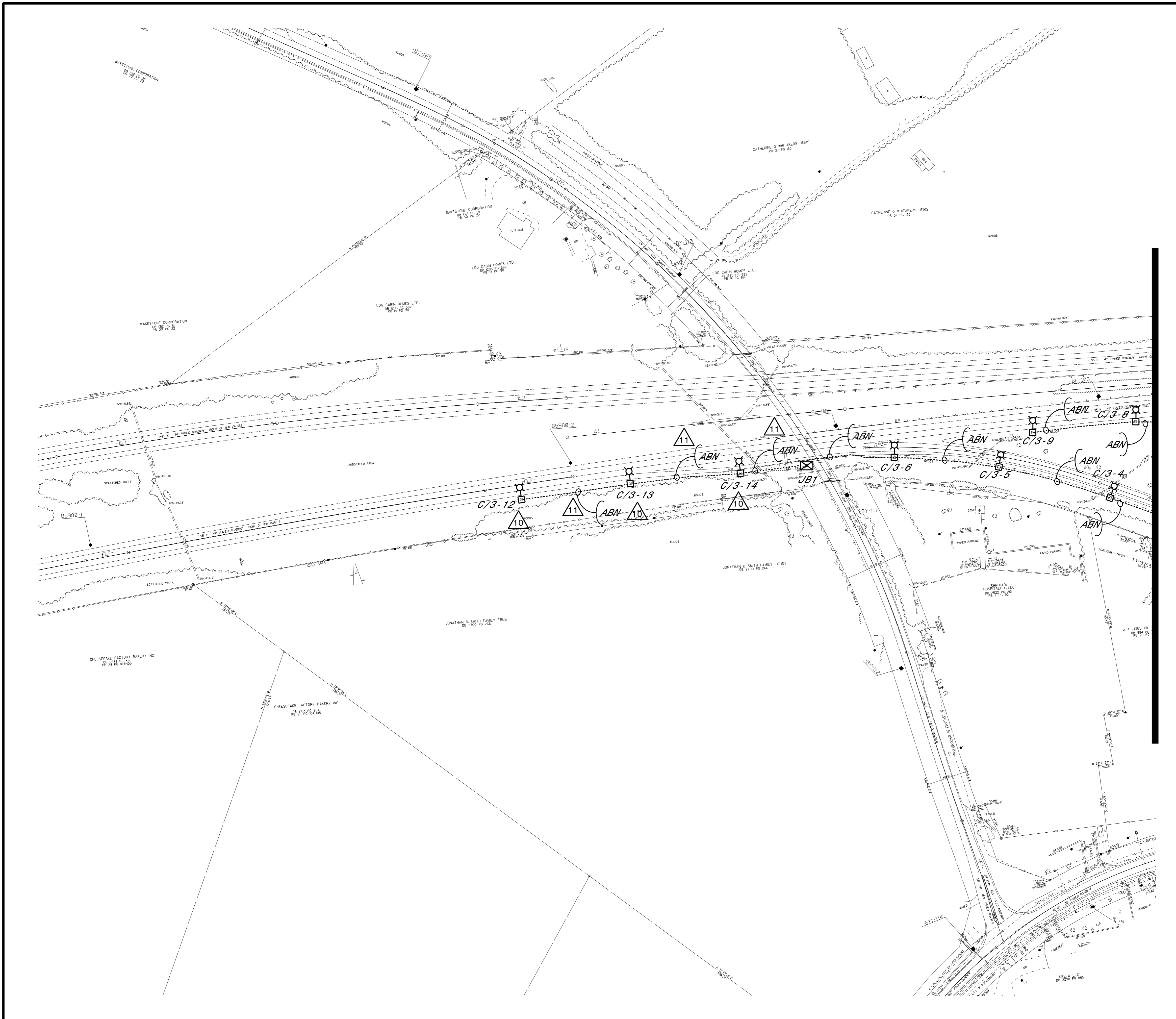
SEE SHEET "E1" FOR LEGEND & Δ NOTES



DocuSigned by:
Roger Kluckhohn
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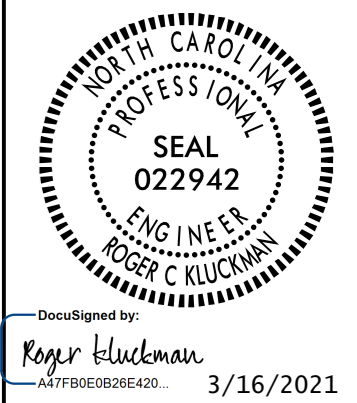
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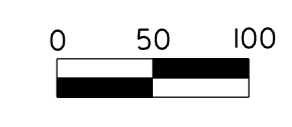


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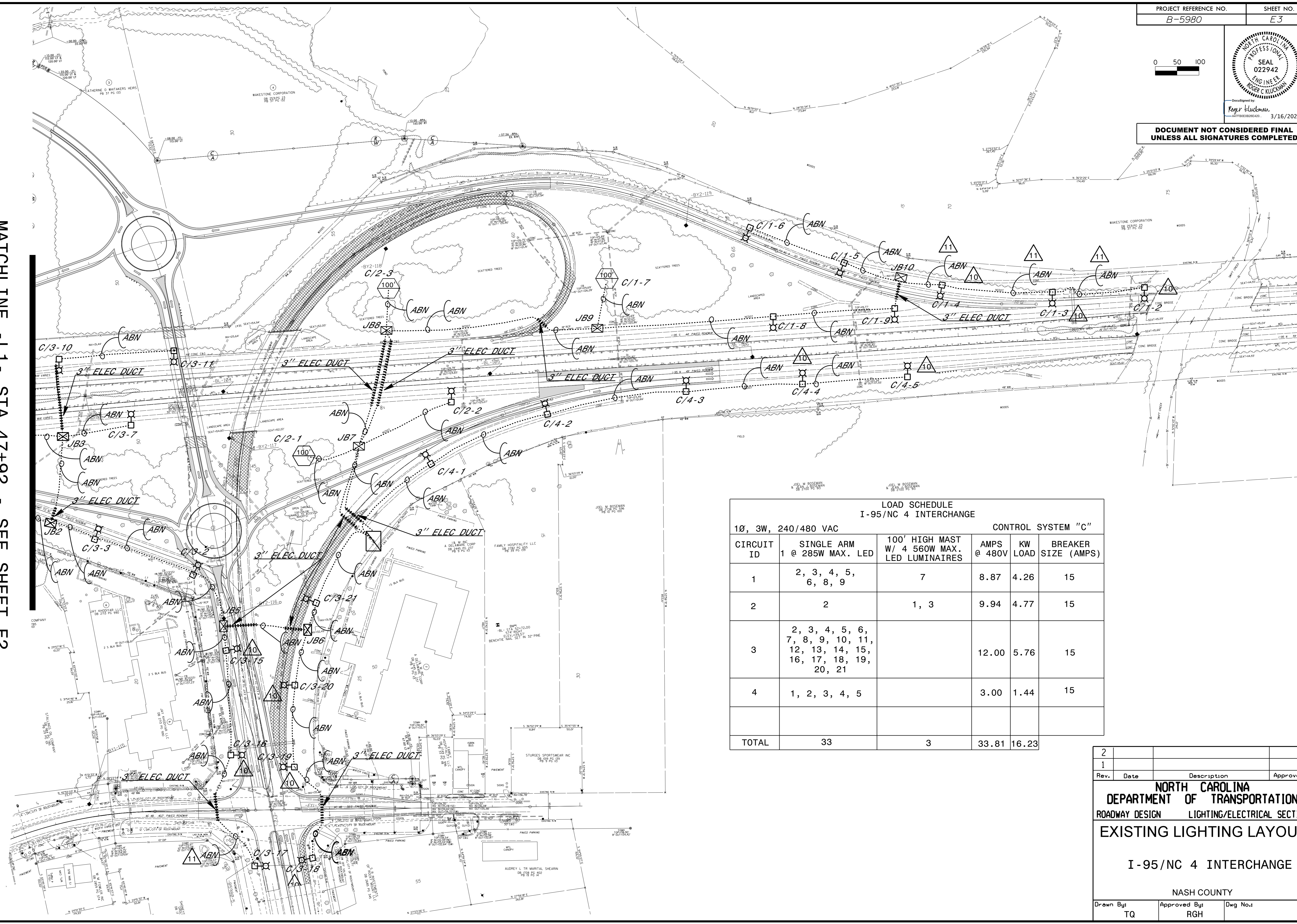
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Rev.	Date	Description	Approved
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Drawn By:	TQ	Approved By:	RGH
Dwg No.:			



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UNLESS ALL SIGNATURES COMPLETED



MATCHLINE - L1 - STA 47+92 - SEE SHEET E2



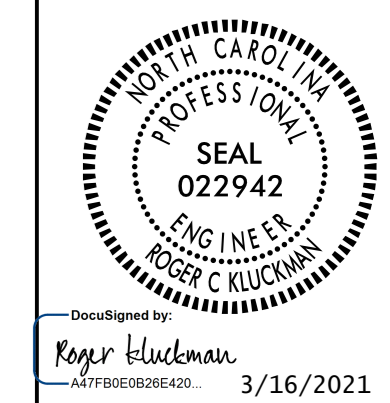
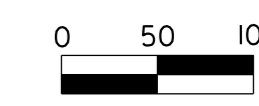
**LOAD SCHEDULE
I-95/NC 4 INTERCHANGE**

1Ø, 3W, 240/480 VAC CONTROL SYSTEM "C"

CIRCUIT ID	SINGLE ARM 1 @ 285W MAX. LED	100' HIGH MAST W/ 4 560W MAX. LED LUMINAIRES	AMPS @ 480V	KW LOAD	BREAKER SIZE (AMPS)
1	2, 3, 4, 5, 6, 8, 9	7	8.87	4.26	15
2	2	1, 3	9.94	4.77	15
3	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21		12.00	5.76	15
4	1, 2, 3, 4, 5		3.00	1.44	15
TOTAL	33	3	33.81	16.23	

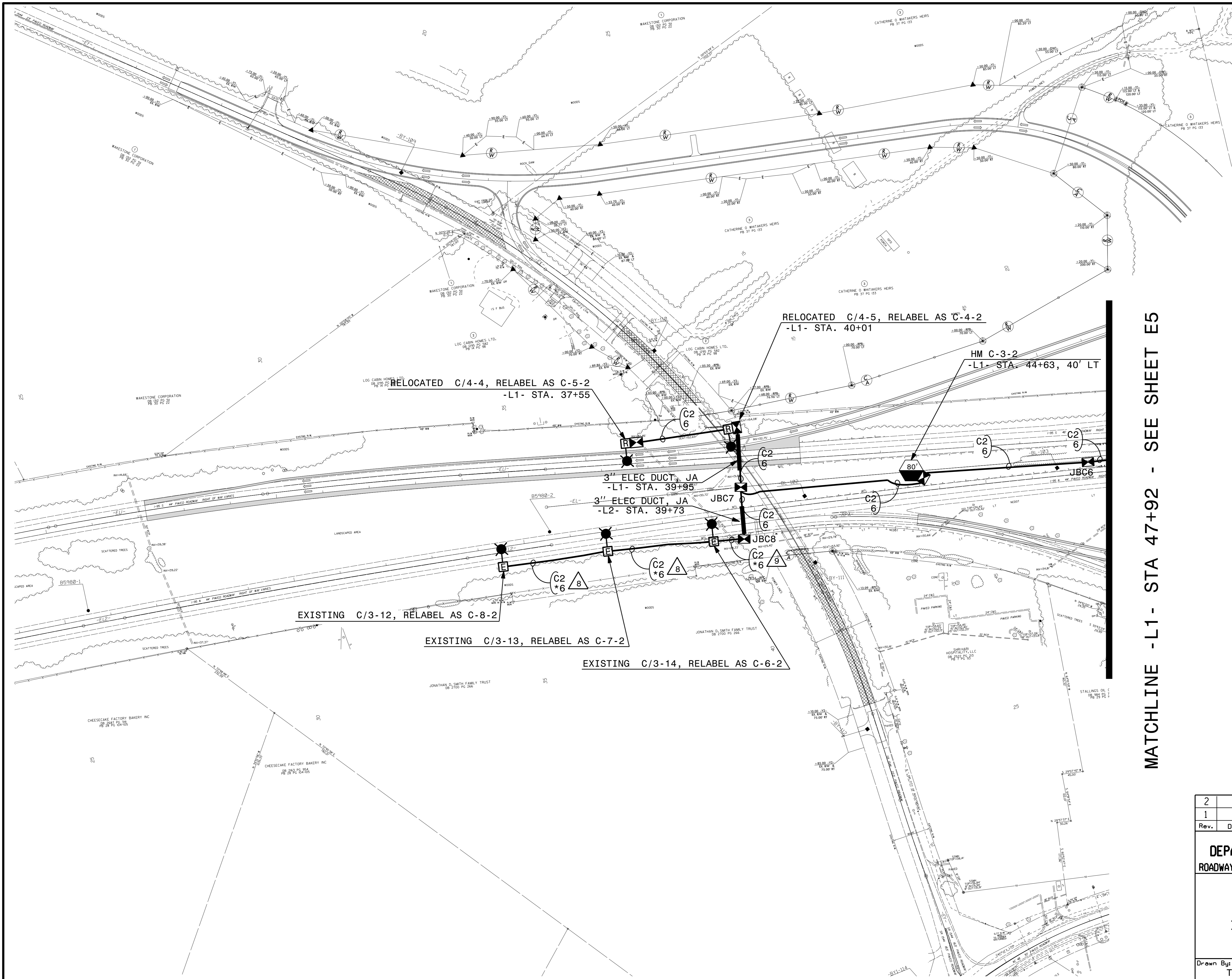
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Rev.	Date	Description	Approved
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Drawn By:	TQ	Approved By:	RGH
Dwg No.:			

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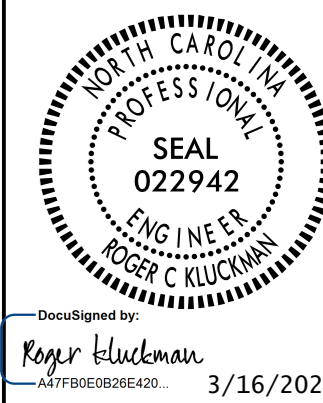
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UNLESS ALL SIGNATURES COMPLETED

MATCHLINE -L1- STA 47+92 - SEE SHEET E5

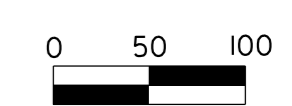


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Rev.	Date	Description	Approved
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN LIGHTING/ELECTRICAL SECTION PROPOSED LIGHTING LAYOUT I-95/NC 4 INTERCHANGE NASH COUNTY			
Drawn By:	TQ	Approved By:	RGH
Dwg No.:			

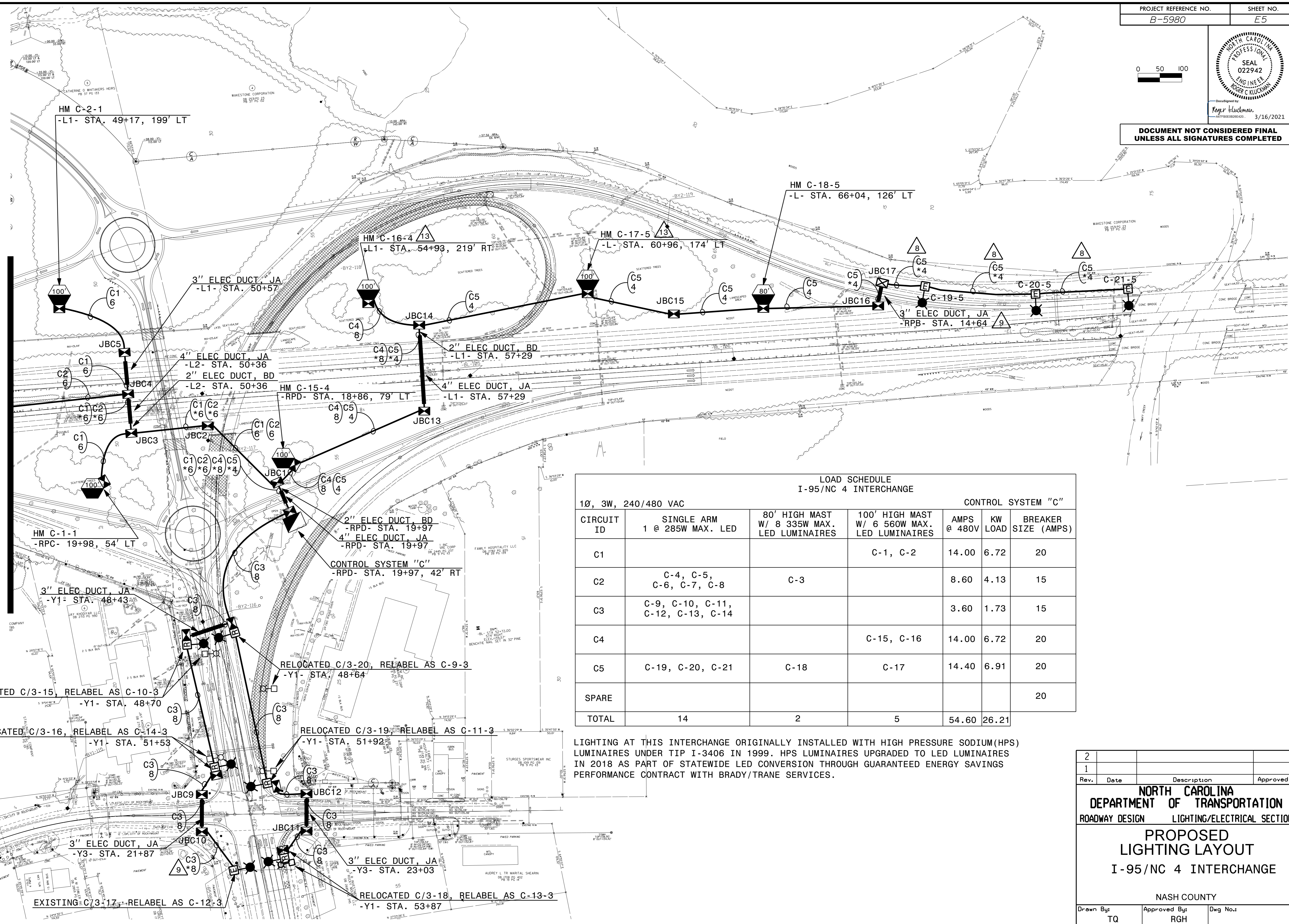
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MATCHLINE - L1 - STA 47+92 - SEE SHEET E4



**LOAD SCHEDULE
I-95/NC 4 INTERCHANGE**

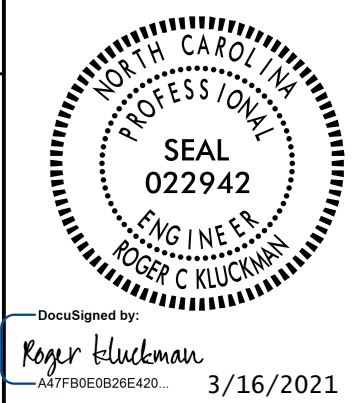
1Ø, 3W, 240/480 VAC		CONTROL SYSTEM "C"				
CIRCUIT ID	SINGLE ARM 1 @ 285W MAX. LED	80' HIGH MAST W/ 8 335W MAX. LED LUMINAIRES	100' HIGH MAST W/ 6 560W MAX. LED LUMINAIRES	AMPS @ 480V	KW LOAD	BREAKER SIZE (AMPS)
C1			C-1, C-2	14.00	6.72	20
C2		C-3		8.60	4.13	15
C3			C-9, C-10, C-11, C-12, C-13, C-14	3.60	1.73	15
C4			C-15, C-16	14.00	6.72	20
C5		C-18	C-17	14.40	6.91	20
SPARE						20
TOTAL	14	2	5	54.60	26.21	

LIGHTING AT THIS INTERCHANGE ORIGINALLY INSTALLED WITH HIGH PRESSURE SODIUM (HPS) LUMINAIRES UNDER TIP I-3406 IN 1999. HPS LUMINAIRES UPGRADED TO LED LUMINAIRES IN 2018 AS PART OF STATEWIDE LED CONVERSION THROUGH GUARANTEED ENERGY SAVINGS PERFORMANCE CONTRACT WITH BRADY/TRANE SERVICES.

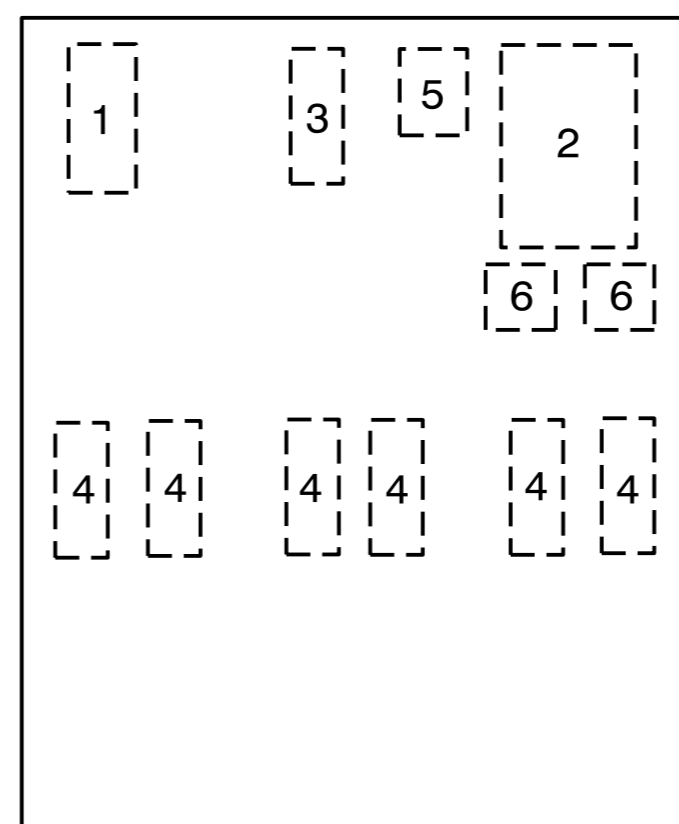
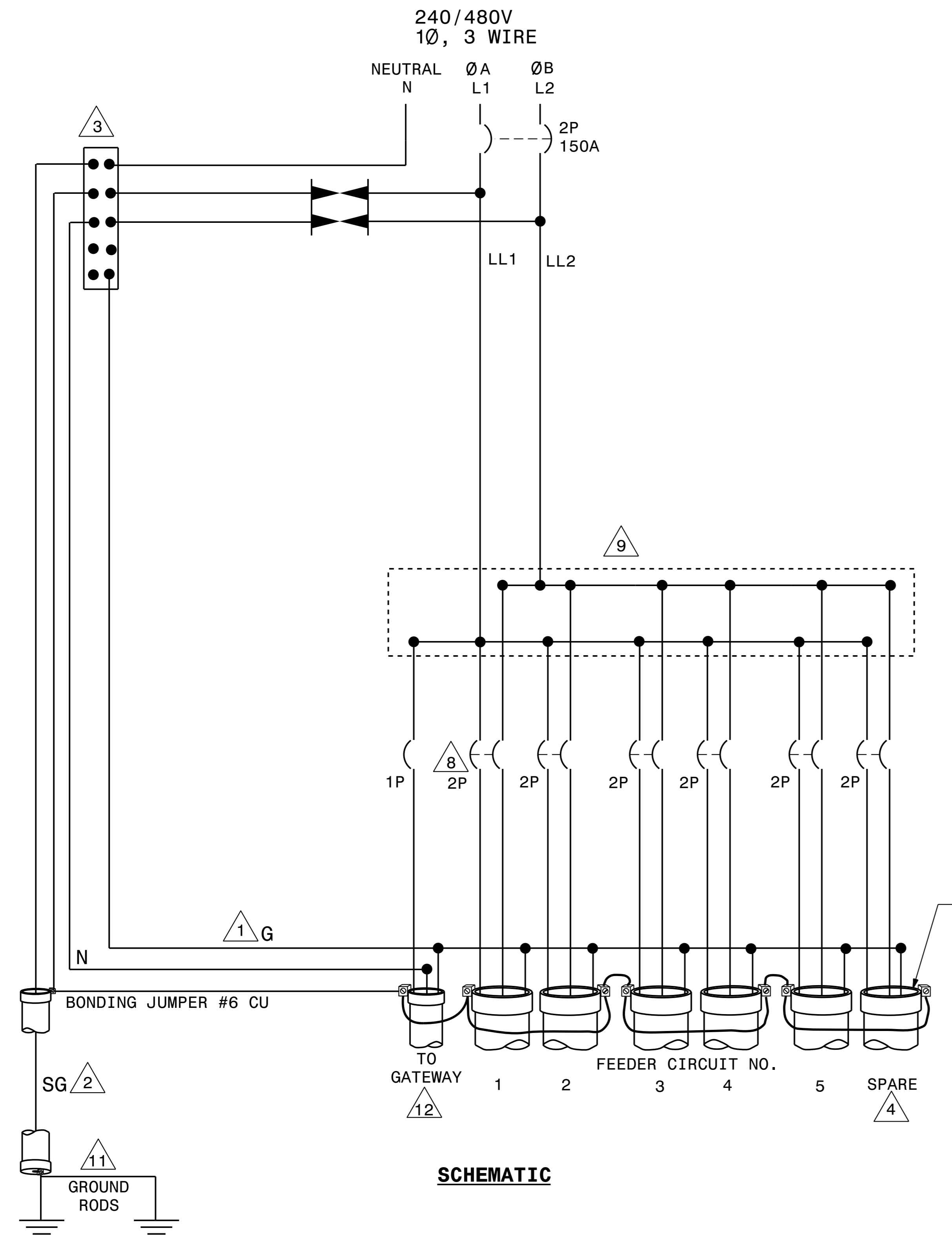
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Rev.	Date	Description	Approved
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Drawn By:	TQ	Approved By:	RGH
Dwg No.:			

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rghe1 At RD-303048L

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



USE FOR LIGHTING CONSTRUCTION ONLY



INTERIOR PANEL COMPONENT LAYOUT
 6 7 10

- NOTES**
- 1 EQUIPMENT GROUNDS (G) SHALL BE SIZED ACCORDING TO CIRCUIT DESCRIPTION. SEE PLANS.
 - 2 SYSTEM GROUND (SG) SHALL BE CONTINUOUS FROM THE NEUTRAL BAR TO THE GROUNDING ELECTRODE (GROUND ROD).
 - 3 THE NEUTRAL BAR SHALL BE BONDED TO THE PANEL.
 - 4 INSTALL 6 FEEDER CIRCUIT CONDUITS AS SHOWN. UNUSED CONDUIT SHALL BE CAPPED IN THE CONTROL SYSTEM JUNCTION BOX.
 - 5 INSTALL A GROUNDING BUSHING ON EACH METAL CONDUIT. CONNECT BONDING JUMPER AS REQUIRED BY NEC.
 - 6 SEE STANDARD DRAWING 1408.01 SHEET 3 OF 3 FOR ENCLOSURE.
 - 7 THE CONTROL SYSTEM MUST BE LABELED "SUITABLE FOR USE AS SERVICE EQUIPMENT." REFER TO STANDARD SPECIFICATION 1408-2 FOR OTHER REQUIREMENTS.
 - 8 SEE PLANS FOR LIGHTING CIRCUIT BREAKER SIZES.
 - 9 PROVIDE MULTI-TAP LOAD LUGS OR POWER DISTRIBUTION BLOCKS.
 - 10 PROVIDE MANUFACTURER SUPPLIED MOUNTING BRACKETS OR SCREW STUDS PERMANENTLY ATTACHED TO THE BACK PANEL, FOR MOUNTING COMPONENTS.
 - 11 PROVIDE AND INSTALL A CONDUIT CHOKE ON THE UNDERGROUND END OF THE 3/4" RGS SYSTEM GROUND CONDUIT.
 - 12 INSTALL #12 THWN CONDUCTOR FROM ENCLOSURE TO GATEWAY.

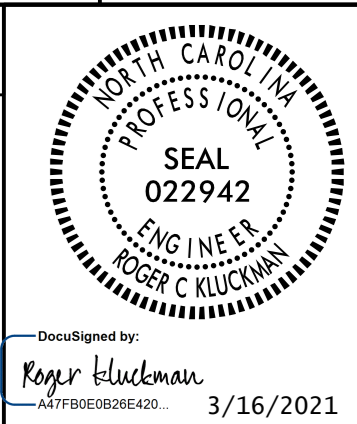
COMPONENT LIST			
#	QTY	DESCRIPTION	SPECIFICATIONS
1	1	NEUTRAL BAR	
2	1	SERVICE CIRCUIT BREAKER	2P, 480V, 150A
3	1	GATEWAY CIRCUIT BREAKER	1P, 240V, 15A
4	**	FEEDER CIRCUIT BREAKERS	2P, 480V, 50A MAX
5	1	TYPE 1 SURGE PROTECTION DEVICE	20,000A RATED
6	2	POWER DISTRIBUTION LUGS OR BLOCKS	
		MOUNTING BRACKETS OR SCREW STUDS	

**PROVIDE THE NUMBER OF BREAKERS SHOWN IN THE LOAD SCHEDULE ON THE PLANS. INCLUDE SPARE BREAKER AS WELL.

2			
1			
Rev.	Date	Description	Approved
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN LIGHTING/ELECTRICAL SECTION CONTROL SYSTEM DETAILS 1408D01, SHEET 1 CONTROL SYSTEM SCHEMATIC NASH COUNTY			
Drawn By:	TQ	Approved By:	Dwg No.:

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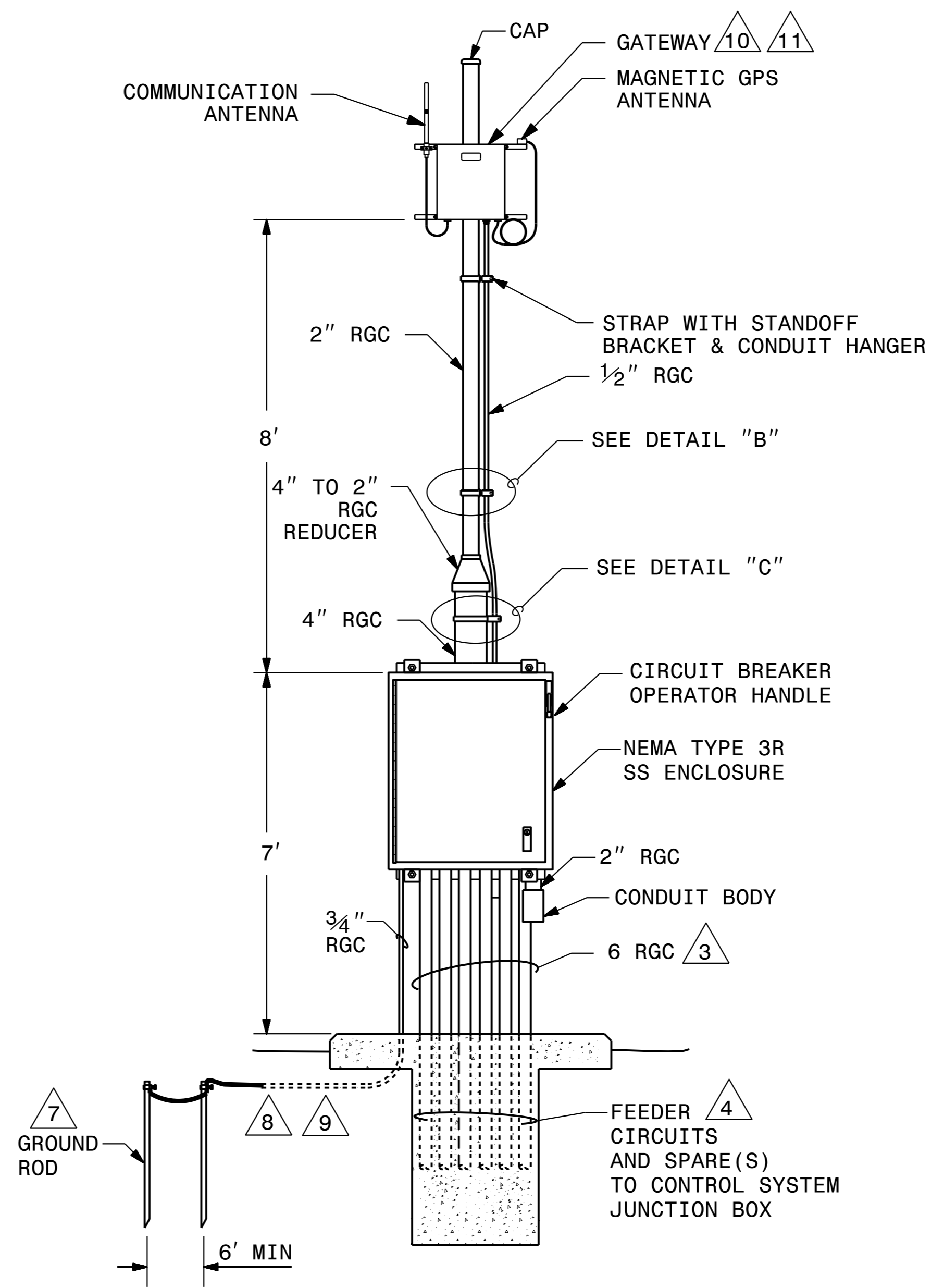
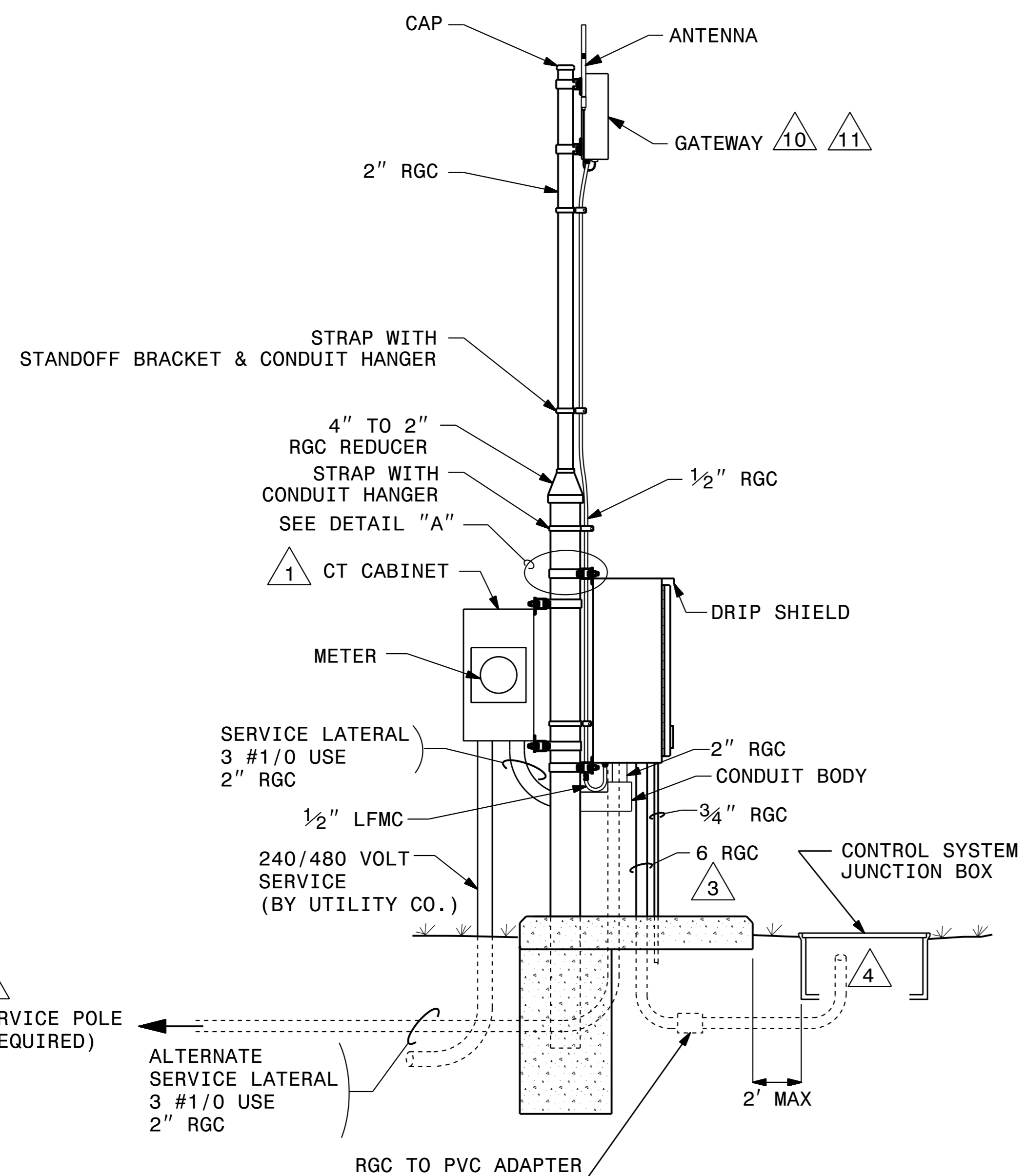
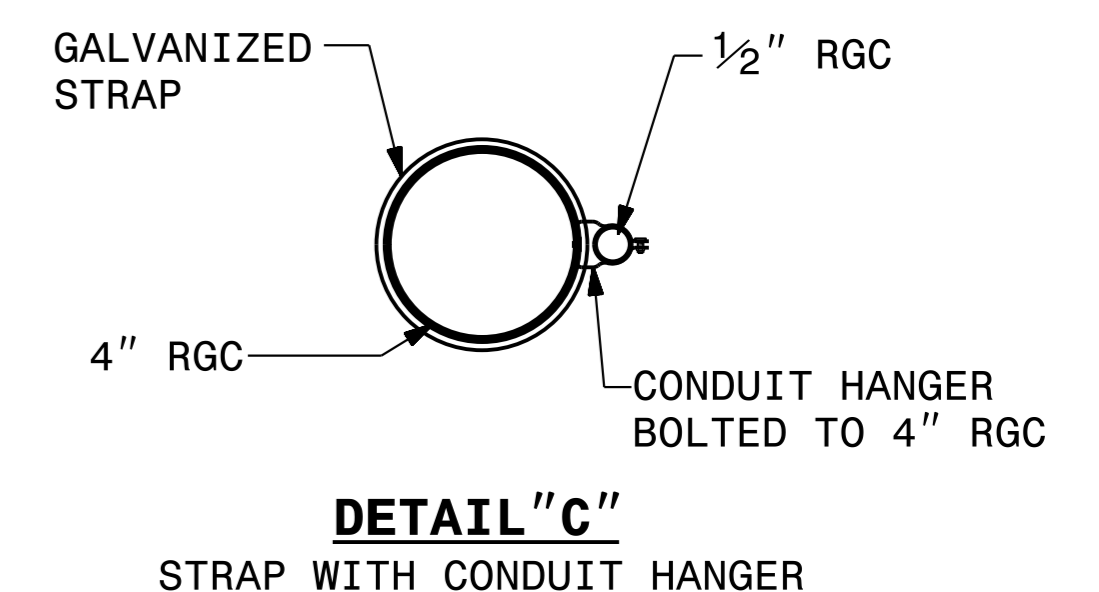
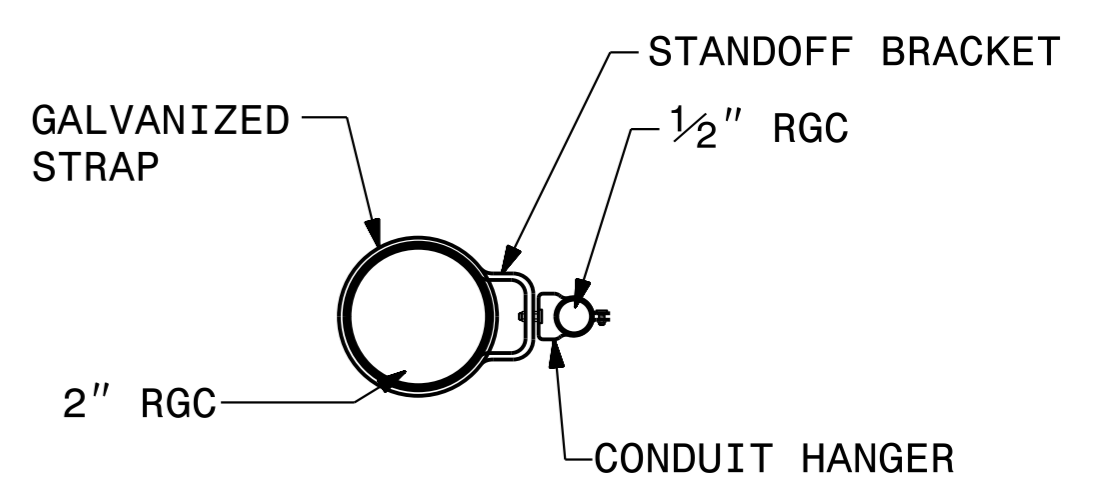
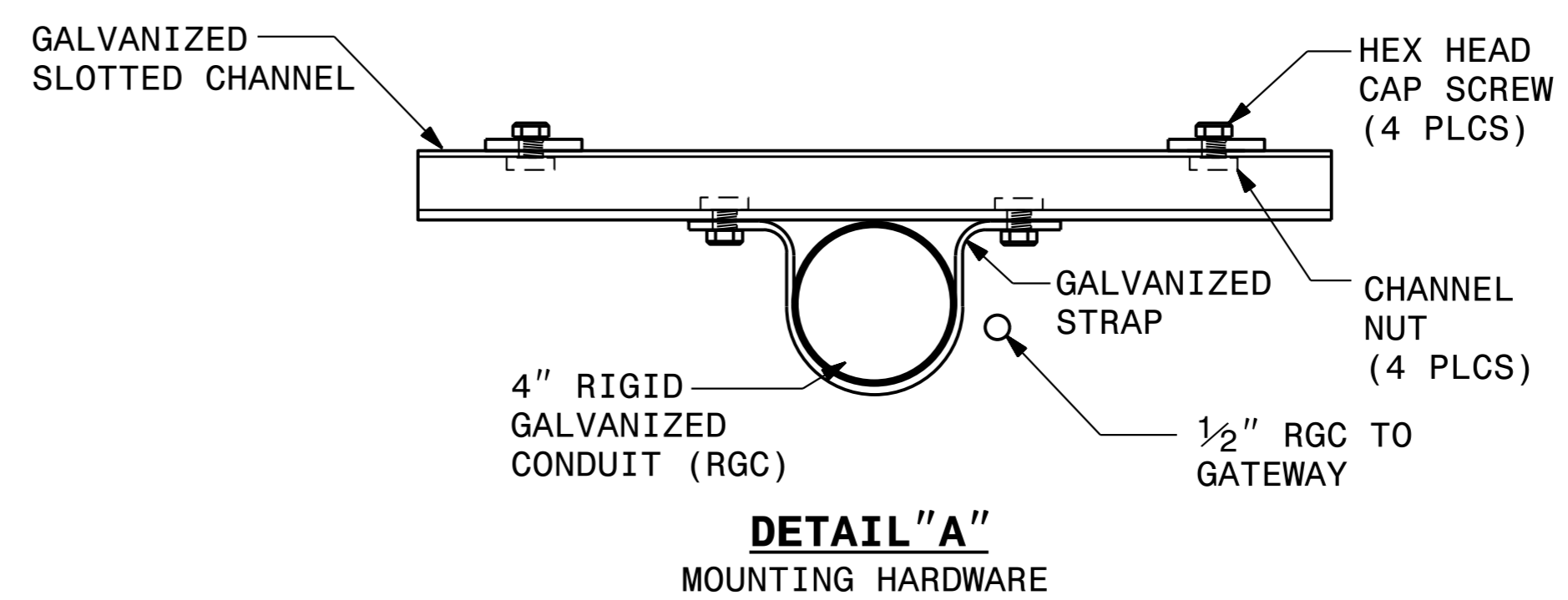
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



USE FOR LIGHTING CONSTRUCTION ONLY

NOTES

- 1 CURRENT TRANSFORMER (CT) CABINET AND METER MAY BE MOUNTED ON SERVICE POLE OR BACK OF CONTROL ENCLOSURE.
- 2 SEE SECTION 1407 OF THE STANDARD SPECIFICATIONS FOR SERVICE POLE AND SERVICE LATERAL.
- 3 SEE PLANS FOR SIZE OF CONDUITS AND/OR ELECTRICAL DUCT.
- 4 STUB FEEDER CIRCUIT CONDUITS INTO JUNCTION BOX. CAP UNUSED CONDUITS. FEEDER CIRCUITS MUST BE MINIMUM 30" BELOW GRADE
- 5 SEE SECTION 1411 OF THE STANDARD SPECIFICATIONS FOR JUNCTION BOX INSTALLATION.
- 6 ALL ABOVE GROUND CIRCUITRY TO BE INSTALLED IN RIGID GALVANIZED CONDUIT. UNDERGROUND FEEDER CIRCUITS TO BE INSTALLED IN SCH 40 PVC CONDUIT.
- 7 TOP OF GROUND ROD(S) SHALL BE NO MORE THAN FOUR INCHES BELOW GRADE TO ALLOW FOR EASE OF INSPECTION BY DEPARTMENT OF INSURANCE, OFFICE OF STATE FIRE MARSHAL PERSONNEL.
- 8 INSTALL A CONDUIT GROUND CHOKE AND BOND THE EQUIPMENT GROUNDING CONDUCTOR TO THE END OF THE 3/4" CONDUIT UNDERGROUND PER NEC ARTICLE 250.64E.
- 9 GROUNDING ELECTRODE CONDUCTOR 3/4" CONDUIT SHALL NOT TERMINATE BELOW THE CONCRETE FOUNDATION PAD.
- 10 STRAP GATEWAY TO 2" RGC USING STEEL BANDS PREINSTALLED ON GATEWAY ENCLOSURE.
- 11 REUSE EXISTING GATEWAY.



ASSEMBLY

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1			
Rev.	Date	Description	Approved
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN LIGHTING/ELECTRICAL SECTION CONTROL SYSTEM DETAILS 1408D01, SHEET 2 CONTROL SYSTEM ASSEMBLY NASH COUNTY			
Drawn By:	TQ	Approved By:	Dwg No.:

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