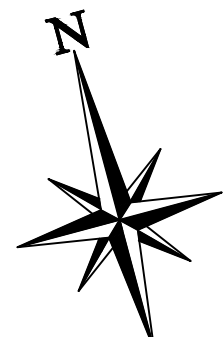
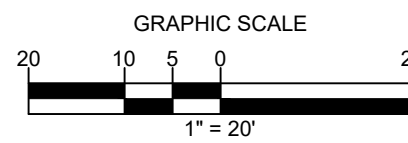
LIGHTING PLAN  
1"=20'

## LIGHTING NOTES:

- ALL LIGHTING WAS DESIGNED WITH A LIGHT LOSS FACTOR OF 0.85. LIGHTING ANALYSIS WAS MEASURED AT GROUND ELEVATION
- ALL PROPOSED FIXTURES ON TIMER TO OPERATE DURING NIGHT TIME HOURS, 30 MINUTES AFTER SUNSET AND 30 MINUTES BEFORE SUNRISE.
- CONTRACTOR TO INSTALL FIXTURE ON COPPER LIGHTING POLE SSS-6-7-24-CW-BS-XXXX-C-BK. MOUNT HEIGHTS ARE BASED ON HEIGHT ABOVE FINISHED ASPHALT GRADE.

## NOTES:

- SITE IS IDENTIFIED AS OUTPARCEL K AND J IN THE NEW RIVERSIDE VILLAGE.
- BOUNDARY AND TOPOGRAPHICAL SURVEYING BY THOMAS AND HUTTON, INC.
- THE SITE IS ZONED PUD, PARCEL 6, A PORTION OF PARCEL 4B-2. THE SITE IS A PORTION OF PARCEL 4B-2 (R610 036 000 1258 0000).
- THE SITE IS LOCATED IN BEAUFORT COUNTY, SOUTH CAROLINA.
- THE PROPOSED DEVELOPMENT IS A REFUEL SERVICE STATION FACILITY (PARCEL 6).
- THE SITE IS PRESENTLY UNDEVELOPED.
- ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- REFER TO PARKING SUMMARY FOR STALL SIZES AND COUNT.
- THE SITE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- ACCORDING TO FIRM MAP 45013C0405G DATED MARCH 23, 2021 (INDEX DATE MARCH 23, 2021 THE PROPERTY IS LOCATED IN ZONE X.)

## LUMINAIRE SCHEDULE

SYMBOL	MANUFACTURER	MODEL	CATALOG	QTY	DISTRIBUTION	MOUNT HT.
	CREE LIGHTING	OSQ™ LED AREA/FLOOD LUMINAIRE	OSQM-B-6L-40K7-3M-UL-NM-BK	3	TYPE 3	16'-0"
	CREE LIGHTING	OSQ™ LED AREA/FLOOD LUMINAIRE	OSQM-B-6L-40K7-4M-UL-NM-BK-BLSMF	1	TYPE 4	16'-0"
	CREE LIGHTING	OSQ™ LED AREA/FLOOD LUMINAIRE	OSQM-B-6L-40K7-4M-UL-NM-BK	2	TYPE 4	16'-0"
	CREE LIGHTING	OSQ™ LED AREA/FLOOD LUMINAIRE	OSQM-B-6L-40K7-4M-UL-NM-BK-BLSMF	3	TYPE 4	16'-0"
	CREE LIGHTING	CUTOFF LED WALL PACK	C-WP-B-RDC-6L-40K-DB	7	-	10'-0"
	CREE LIGHTING	CPY250® LED CANOPY/SOFFIT LUMINAIRE	CPY250-B-DM-F-B-UL-BK-40K	2	-	16'-0"
	CREE INC.	CR6T LED DOWNLIGHT - 6" (152MM)	CR6T-1600L-40K-12-E26GU24	2	-	12'-3"
	BARN LIGHT ELECTRIC CO.	PENDANT LED DOWNLIGHT	BLE-S-WHB13-105-ST712-105-HSC-LED27-2700K-FL	12	-	10'-10"

CALCULATION SUMMARY  
(FULL SITE)

AREA	AVERAGE	MAX	MIN
LIGHTING ANALYSIS MEASURED AT GROUND ELEVATION	1.82 fc	14.8 fc	0.0 fc

CALCULATION SUMMARY  
(COMMERCIAL PARKING)

AREA	AVERAGE	MAX	MIN
LIGHTING ANALYSIS MEASURED AT GROUND ELEVATION	1.73 fc	3.3 fc	0.6 fc

CALCULATION SUMMARY  
(LANDSCAPE AND DECORATIVE)

AREA	AVERAGE	MAX	MIN
LIGHTING ANALYSIS MEASURED AT GROUND ELEVATION	0.48 fc	1.8 fc	0.0 fc

CALCULATION SUMMARY  
(WALKWAYS AND STREETS)

AREA	AVERAGE	MAX	MIN
LIGHTING ANALYSIS MEASURED AT GROUND ELEVATION	0.82 fc	2.1 fc	0.2 fc

CALCULATION SUMMARY  
(AREAS FOR DISPLAY OF OUTDOOR MERCHANDISE)

AREA	AVERAGE	MAX	MIN
LIGHTING ANALYSIS MEASURED AT GROUND ELEVATION	4.77 fc	14.8 fc	1.0 fc

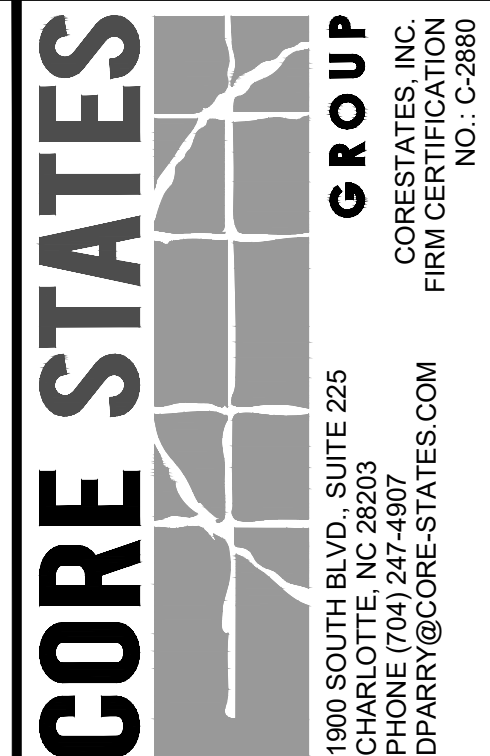
\*AREAS BEING ILLUMINATED BY SITE AND BUILDING LIGHTING FOR PUBLIC USE WHICH IMPACT THE CALCULATIVE AVERAGES OF THE SPECIFIC CALCULATIVE AREAS PROVIDED IN THE TABLES ABOVE HAVE BEEN OMITTED FROM THE CALCULATION SUMMARY TABLES TO PREVENT OBSCURING PHOTOMETRIC VALUES.

## SITE LEGEND:

	EXISTING PROPERTY BOUNDARY LINE
	EXISTING ADJOINING PROPERTY LINE
	EXISTING ROAD CENTERLINE
	PROPOSED ROAD CENTERLINE
	EXISTING CURB
	PROPOSED CURB
	PROPOSED BUILDING

## LIGHTING LEGEND:

	1.9 FOOTCANDLE CALCULATION POINT
	PROPOSED SITE LIGHT FIXTURE



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## CLIENT



Know what's below. Call before you dig.  
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## REVISIONS

REV	DATE	COMMENT	BY

## DOCUMENT

PRELIMINARY  
DEVELOPMENT PLAN

## SITE LOCATION

NEW RIVERSIDE VILLAGE,  
BLUFFTON, SC 29910

## CERTIFICATE OF AUTHORIZATION



## ENGINEER SEAL



05/30/2023

BRIAN SEARCY, PE

PROFESSIONAL ENGINEER

SC LICENSE #40407

SHEET TITLE

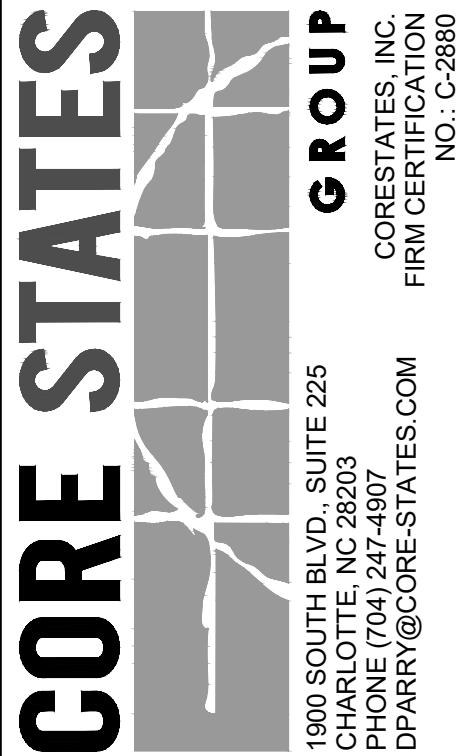
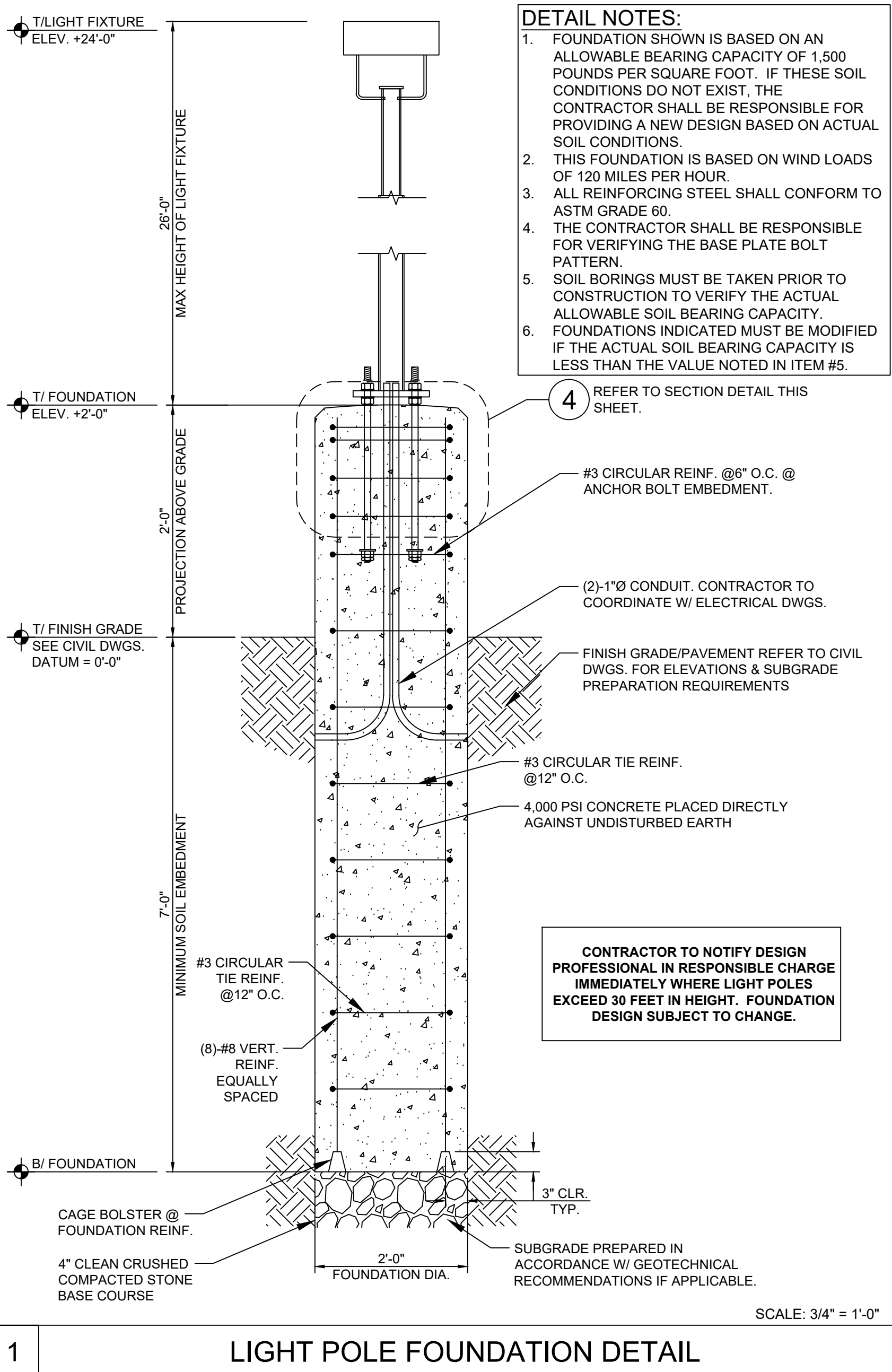
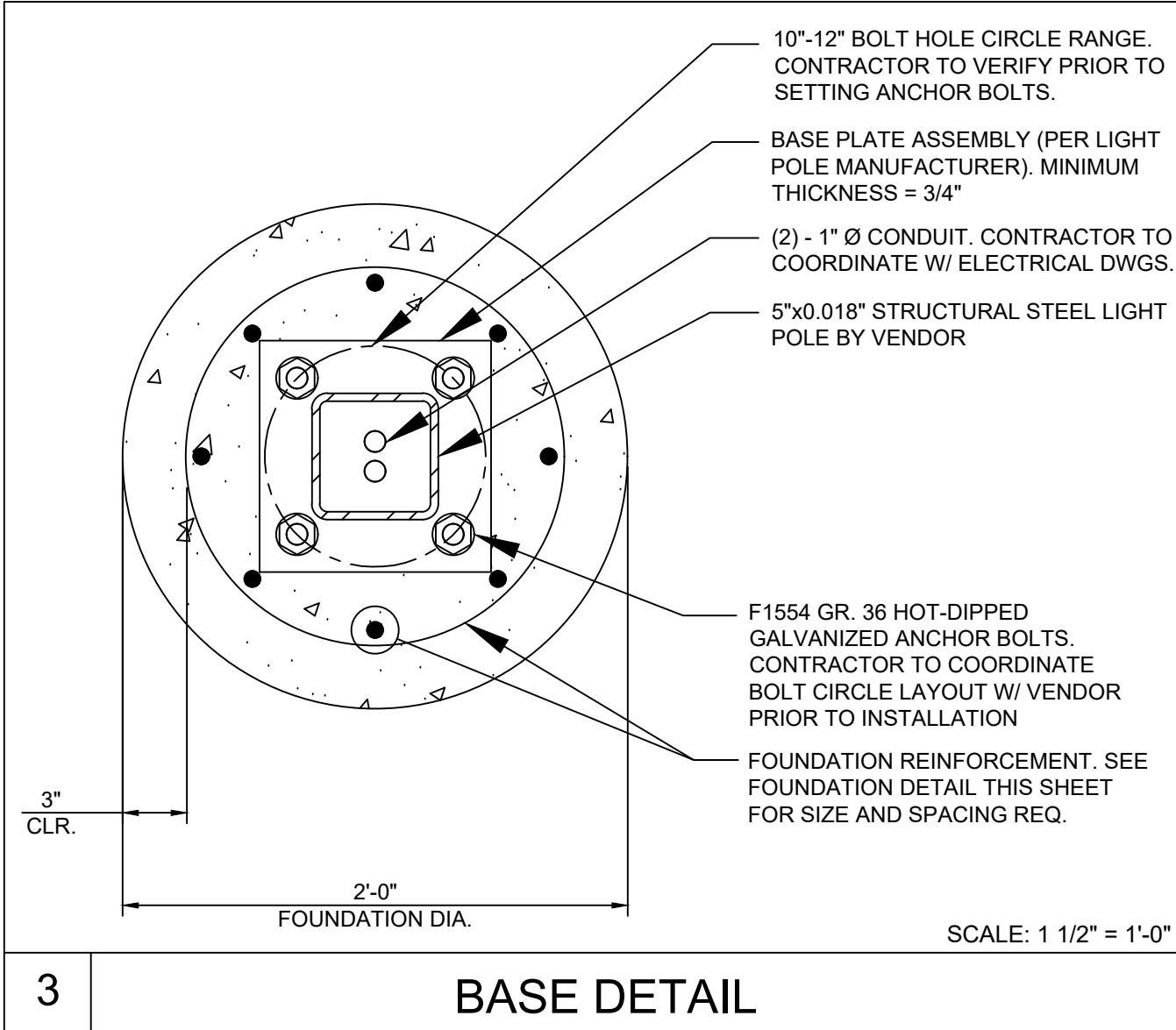
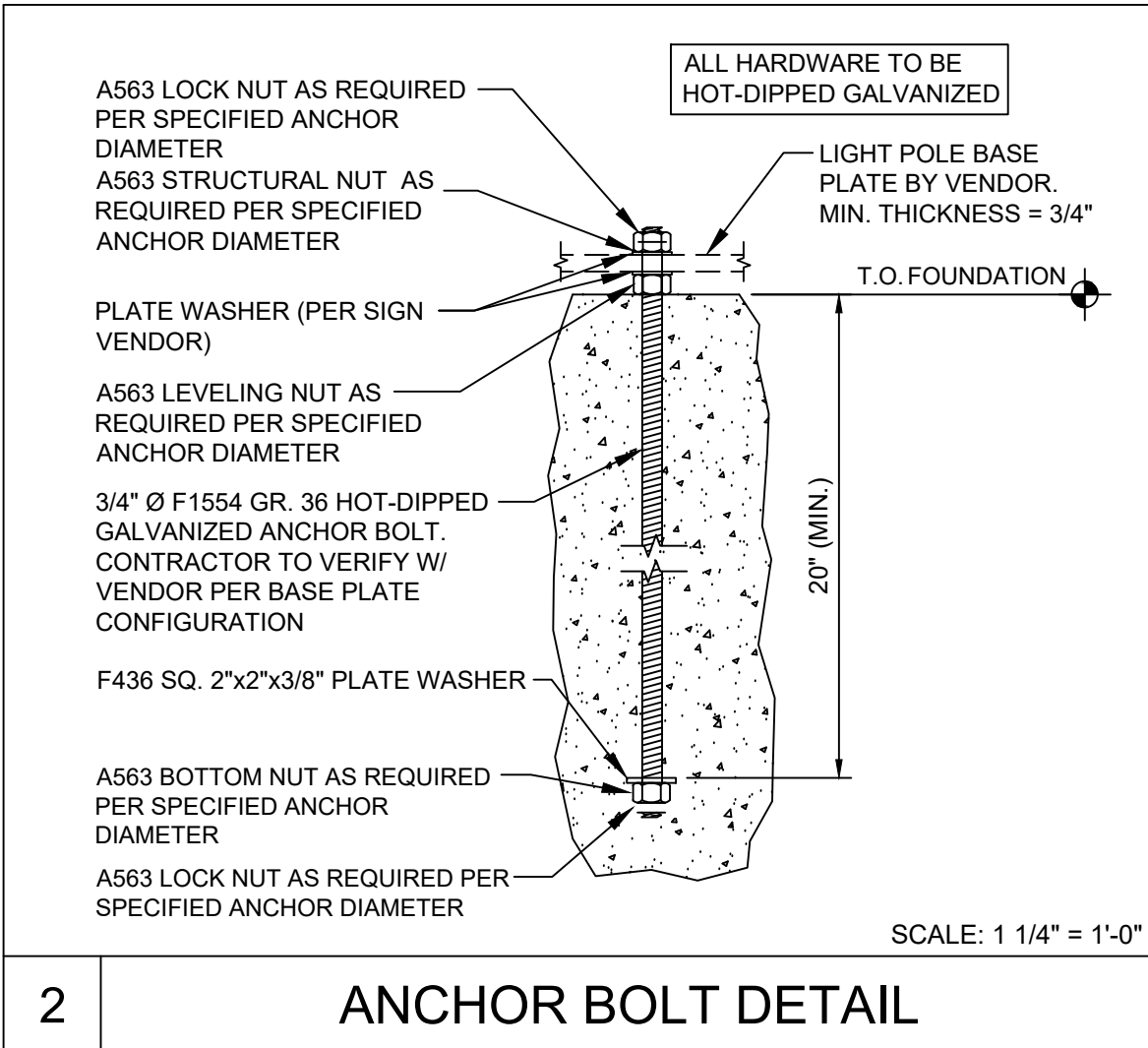
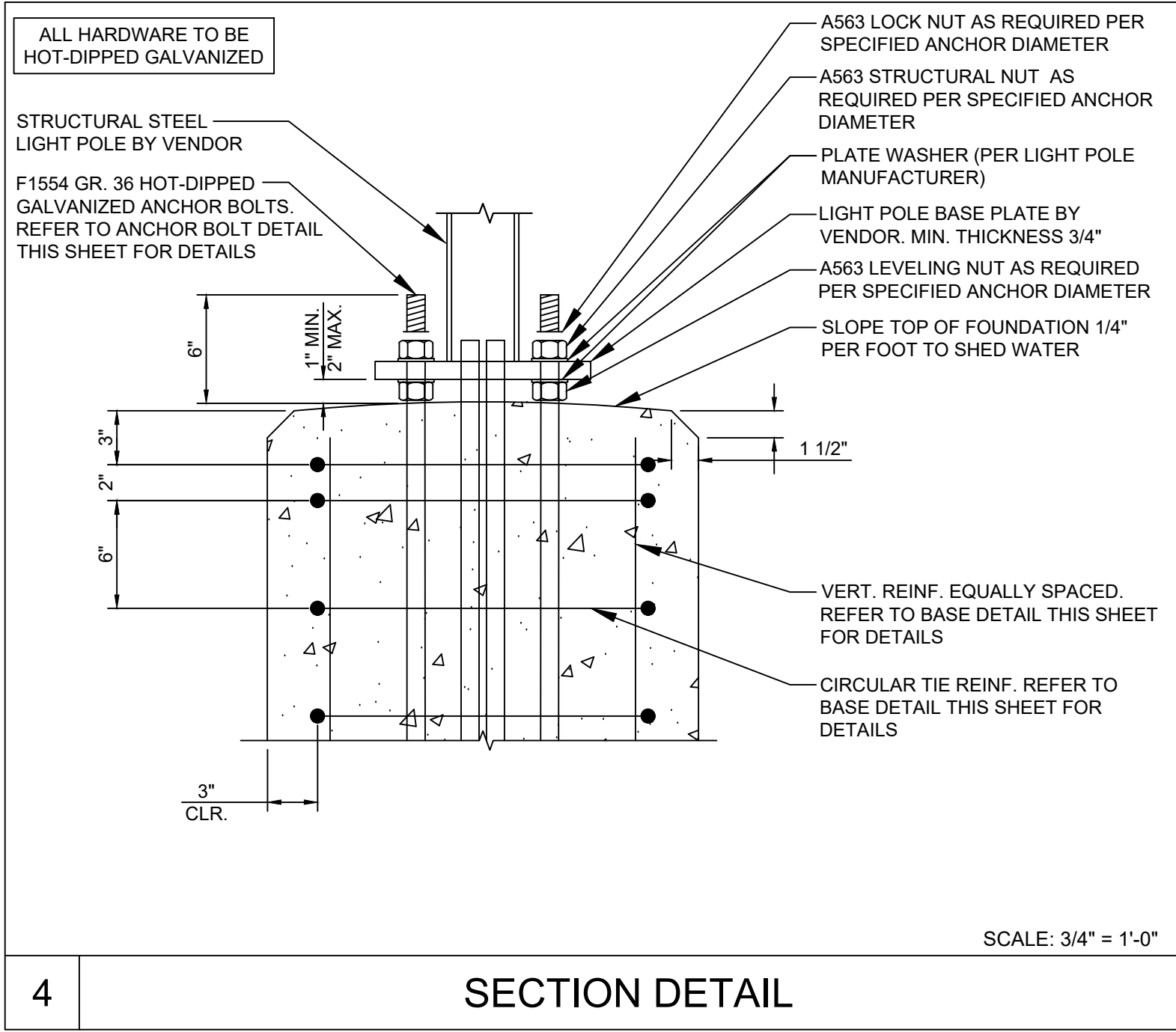
## LIGHTING PLAN

JOB #:	RFL 35149
DATE:	05/25/2022
SCALE:	1"=20'
DRAWN BY:	KB
CHECKED BY:	BS

SHEET NO.

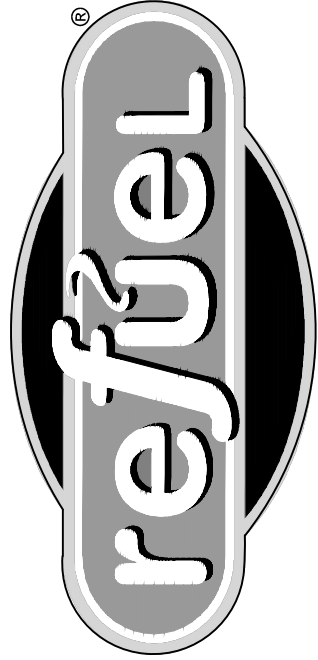
C9





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CLIENT



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REVISIONS			
REV	DATE	COMMENT	BY

DOCUMENT  
PRELIMINARY  
DEVELOPMENT PLAN

SITE LOCATION  
NEW RIVERSIDE VILLAGE,  
BLUFFTON, SC 29910

CERTIFICATE OF AUTHORIZATION



05/30/2023  
BRIAN SEARCY, PE  
PROFESSIONAL ENGINEER  
SC LICENSE #40407

SHEET TITLE  
LIGHTING DETAILS

JOB #: RFL35149  
DATE: 05/25/2022  
SCALE:  
DRAWN BY: KB  
CHECKED BY: BS

SHEET NO.  
C18



