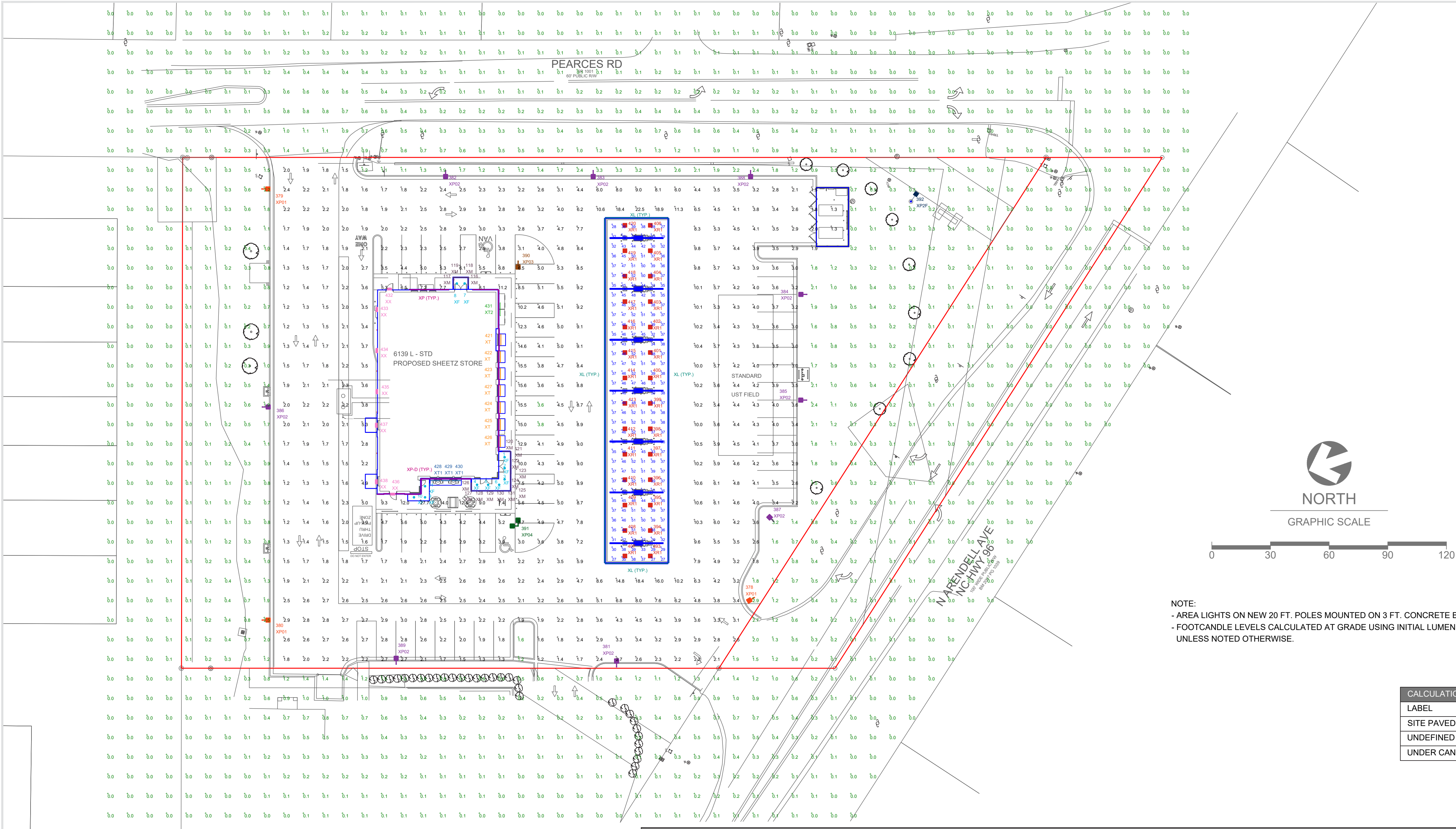




NOTE:
- AREA LIGHTS ON NEW 20 FT. POLES MOUNTED ON 3 FT. CONCRETE BASES
- FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES
UNLESS NOTED OTHERWISE.

LUMINAIRE LOCATION SUMMARY			
LUM NO.	LABEL	MTG. HT.	TILT
1 - 11	XF	11.33	0
12	XL	20.875	0
13	XL	18.25	5
14	XL	18.599	5
15	XL	18.948	5
16	XL	19.297	5
17	XL	19.646	5
18	XL	19.995	5
19	XL	20.344	5
20	XL	20.693	5
21	XL	18.25	5
22	XL	18.599	5
23	XL	18.948	5
24	XL	19.297	5
25	XL	19.646	5
26	XL	19.995	5
27	XL	20.344	5
28	XL	20.693	5
29 - 71	XL	20.875	0
72 - 115	XL	18.076	0
116 - 131	XM	12	0
132 - 215	XP	18	0
216 - 226	XP	19	0
227 - 295	XP	18	0
296 - 327	XP-D	18	0
328 - 330	XP-D	19	0
331 - 377	XP-D	18	0
378 - 380	XP01	23	0
381 - 389	XP02	23	0
390	XP03	23	0
391	XP04	23	0
392	XP2F	1	172
393 - 406	XR1	18.83	0
407 - 420	XR1	17.67	0
421 - 427	XT	13.5	50
428 - 430	XT1	13.5	50
431	XT2	15	0
432 - 435	XX	15.42	0
436	XX	11.33	0
437, 438	XX	9.33	0

CALCULATION SUMMARY					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
SITE PAVED AREA	4.22	27.7	1.2	3.52	23.08
UNDEFINED	0.23	3.8	0.0	N.A.	N.A.
UNDER CANOPY	40.79	52	27	1.51	1.93

THIS SITE IS LOCATED IN A REGION WHERE LIGHTING IS
REGULATED BY LOCAL ORDINANCES

LUMINAIRE SCHEDULE										
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
	11	XF	Single	1037	1.000	N.A.	10	110	Amerlux, LLC	ORDX4-10-409-M-CSTM-RB-UDM
	104	XL	Single	136	1.000	N.A.	4.12	428.48	Blair Companies	LINEAR STRIP LIGHT (BY OTHERS, SHOWN FOR CONTRIBUTION)
	16	XM	Single	136	0.700	N.A.	4.12	65.92	Blair Companies	LB-110-00-XX-025-RD[1]FR4-15
	164	XP	Single	305	1.000	N.A.	3.66	600.24	P-LED	STREET WRAP FLEX BACK BEND 4000K
	82	XP-D	Single	25	1.000	N.A.	0.305	25.01	P-LED	STREET WRAP FLEX BACK BEND 4000K
	3	XP01	Single	9717	1.020	B1-U0-G3	94	282	Lithonia Lighting	DSX0 LED P4 40K 70CRI T4M MVOLT SPA FAO HS DXXXX
	9	XP02	Single	9647	1.020	B1-U0-G3	94	846	Lithonia Lighting	DSX0 LED P4 40K 70CRI T3M MVOLT SPA FAO HS DXXXX
	1	XP03	Single	11295	1.020	B2-U0-G3	94	94	Lithonia Lighting	DSX0 LED P4 40K 70CRI T4M MVOLT SPA FAO DXXXX
	1	XP04	2 @ 90 degrees	11295	1.020	B2-U0-G3	94	188	Lithonia Lighting	DSX0 LED P4 40K 70CRI T4M MVOLT SPA FAO DXXXX
	1	XP2F	Single	11830	1.030	N.A.	100	100	Lithonia Lighting	DSXF2 LED P3 40K 70CRI NSP MVOLT IS DXXXX + MOUNTING POST
	28	XR1	Single	12703	1.000	B3-U0-G1	89	2492	Lithonia Lighting	RCNY LED AL02 50K 90CRI SYMF MVOLT BZS DWHXD SETTING 5
	7	XT	Single	1840	1.000	N.A.	20	140	SPI Lighting Inc.	SEW12146 5FT L20W AN08 120-277V 4000K PSE SMA OAP (6.00 IN.) FIXT. HEAD FACTORY SET TO 50 DEGREE TILT AWAY FROM BLDG.
	3	XT1	Single	1472	1.000	N.A.	16	48	SPI Lighting Inc.	SEW12146 4FT L16W AN08 120-277V 4000K PSE SMA OAP (6.00 IN.) FIXT. HEAD FACTORY SET TO 50 DEGREE TILT AWAY FROM BLDG.
	1	XT2	Single	2208	1.000	N.A.	24	24	SPI Lighting Inc.	SEW12146 6FT L24W AN08 120-277V 4000K SMA PSE OAP12
	7	XX	Single	1921	1.000	B1-U0-G0	16	112	WILLIAMS OUTDOOR	VWM-H-L17/840-TL-DBZ-CGL-DIM-UNV (BRONZE COLOR 80CRI)

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REV.	BY	DATE	DESCRIPTION
R1	DAR	5/21/25	REVISED PER UPDATED BASE PLAN. RELOCATED AREA LIGHTS TO AVOID UTILITY CONFLICTS
R2	DAR	8/14/25	REVISED PER UPDATED BASE PLAN

SCALE:
1" = 30'
DWG SIZE:
D

LAYOUT BY:
DAR
DATE:
4/16/25

PROJECT NAME:
SHEETZ #416
ZEBULON, NC
DRAWING NUMBER:
RL-10222-S1-R2



