

LIGHTING NOTES

- THIS LIGHTING PLAN ILLUSTRATES ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER RELATED VARIABLE FIELD CONDITIONS.
- ALL EXISTING CONDITIONS LIGHTING LEVELS ARE REPRESENTATIVE OF AN APPROXIMATION UTILIZING LABORATORY DATA FOR SIMILAR FIXTURES AND/OR ACTUAL FIELD MEASUREMENTS TAKEN WITH A LIGHT METER. DUE TO FACTORS SUCH AS FIXTURE MAINTENANCE, EQUIPMENT TOLERANCES, WEATHER CONDITIONS, ETC., ACTUAL LIGHTING LEVELS MAY DIFFER AND THE LIGHTING LEVELS DEPICTED ON THIS PLAN SHOULD BE CONSIDERED AS APPROXIMATE.
- CONDUITS SHALL BE INSTALLED A MINIMUM OF 2 FEET BEHIND GUIDERAIL POSTS.
- ALL WIRING METHODS AND EQUIPMENT CONSTRUCTION SHALL CONFORM TO THE CURRENT NATIONAL ELECTRICAL CODE.
- REFER TO ARCHITECTURAL PLANS FOR LIGHTING DIAGRAM
- HOURS FOR SITE LIGHTING: DUSK TO DAWN

LIGHTING LUMINAIRE SCHEDULE

SYMBOL	QUANTITY	LABEL	MOUNTING HEIGHT	ARRANGEMENT	LIGHT LOSS FACTOR	MANUFACTURER	DESCRIPTION	IES FILE
●	11	B-20W	4'	SINGLE	0.900	SIGNIFY-SIGNIFY	20' WATT BOLLARD & LIGHT COLUMN SERIES LUMINAIRE	DOSB1-20W1SLED4K-120.IES
□	1	W-57W	12'	SINGLE	0.900	RAB LIGHTING INC.	57 WATT WALLPACK RAB LIGHTING SLIMFC57N (FULL CUT-OFF HOOD-BRONZE FINISH)	SLIMFC57N-NEUTRAL-RAB02656RAB.IES
☀	10	A-80W	15'	SINGLE	0.900	SIGNIFY-LUMEC	80 WATT 48 LED CLEAR TYPE III POST TOP LUMINAIRE SHIELD	S26-80W48LED4K-G2-C-LE3-HS.IES
☀	8	A-108W	15'	SINGLE	0.900	SIGNIFY-LUMEC	108 WATT 48 LED CLEAR TYPE IV POST TOP LUMINAIRE SHIELD	S26-108W48LED4K-G2-C-LE4-HS.IES

ISO CURVES ARE MAINTAINED AND SHOWN AT 0.5 AND 0.1 FC.

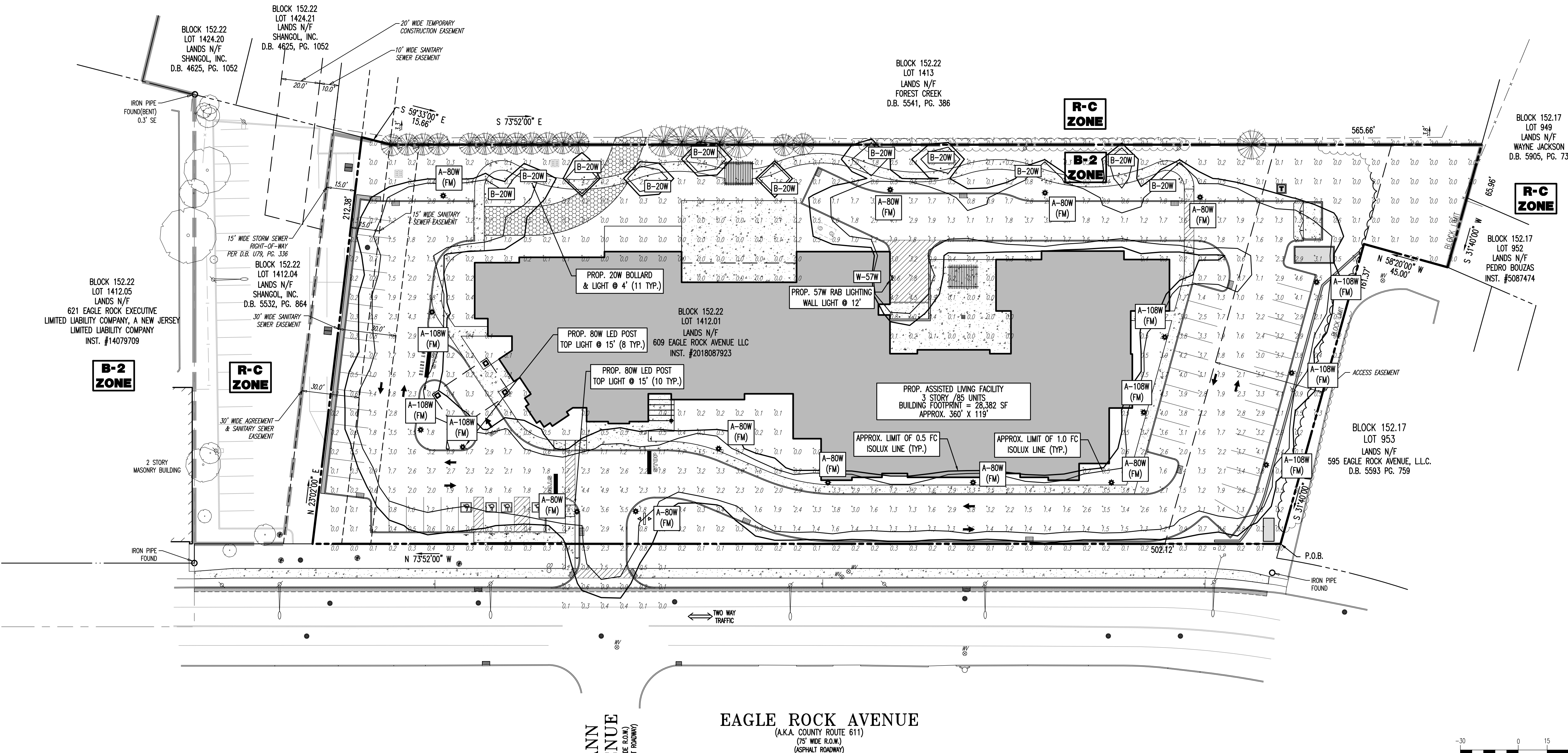
(FM) - FLUSH MOUNT FOUNDATION (PED) - PEDESTAL FOUNDATION

THE CALCULATIONS SHOWN WERE MADE UTILIZING ACCEPTED PROCEDURES OF THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA. VARIATIONS IN LAMP OUTPUT, BALLAST OUTPUT, LINE VOLTAGE, DIRT DEPRECIATION, AND OTHER FACTORS MAY AFFECT ACTUAL RESULTS. UNLESS OTHERWISE STATED, ALL RESULTS ARE MAINTAINED VALUES, UTILIZING ACCEPTED LIGHT LOSS FACTORS (LLF).

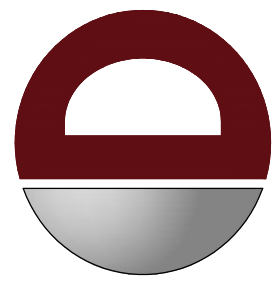
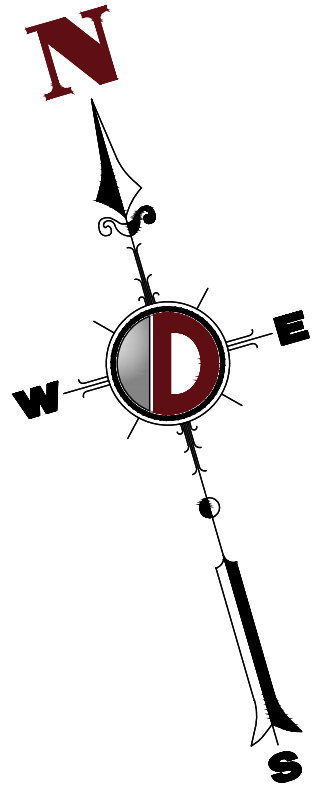
STATISTICAL AREA SUMMARY

LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
ALL CALC. POINTS	0.46	10.6	0	N/A	N/A
PROPERTY	0.93	10.6	0	N/A	N/A
PARKING & DRIVE AISLES	1.98	10.6	0.1	19.8	106
PEDESTRIAN WALKWAYS	1.41	4.8	0.1	14.10	48

SEE SHEET 13 OF 13 FOR LIGHTING PLAN NOTES



THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY



DYNAMIC
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THIS PLAN SET IS FOR PERMITTING PURPOSES
ONLY AND MAY NOT BE USED FOR CONSTRUCTION

DRAWN BY: DRR
CHECKED BY: DTS
DATE: 01/25/2021

PROJECT: CSH DEVELOPMENT, LLC
PROPOSED ASSISTED LIVING FACILITY
BLOCK 152.22, LOT 1412.01
609 EAGLE ROCK AVENUE (CR-611)
TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY



PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF
EQUIPMENT, DESIGNERS, OR ANY PERSON
PREPARING TO LOCATE THE EARTH'S
SURFACE ANCHORS IN ANY STATE

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PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 36618

TITLE:
LIGHTING PLAN

SCALE: (H) 1" = 30'
(V) 1" = 30'
DATE: 01/25/2021

PROJECT No:
1423-99-005

SHEET No:
7

Rev. #:
0