

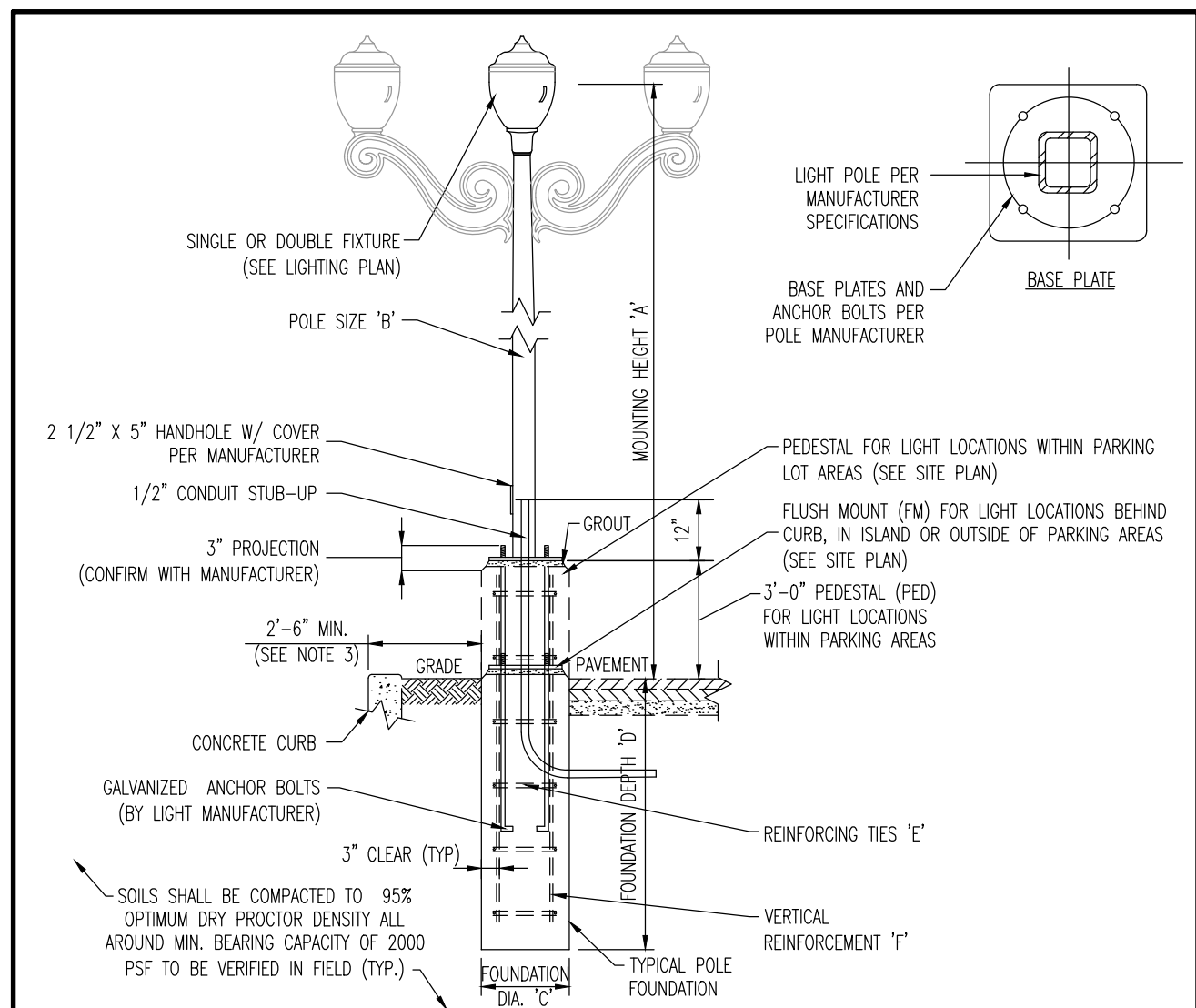
Plotted: 05/26/22 - 4:30 PM. By: jdemartini
File: P:\CEPC PROJECTS\1423 Capital Seniors Housing\09-006 Old Tappan\dwg\Site Plans\01423990606SXD.dwg. ---> LIGHTING PLAN



THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY

GENERAL NOTES

1. 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.
2. 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.
3. CONDUITS SHALL BE INSTALLED A MINIMUM OF 2 FEET BEHIND GUIDELINE POSTS.
4. ALL WIRING METHODS AND EQUIPMENT CONSTRUCTION SHALL CONFORM TO THE CURRENT NATIONAL ELECTRICAL CODE.
5. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING DIAGRAM.



- NOTE: 1. CONTRACTOR TO CONFIRM ALL LIGHT POLE & FIXTURE DIMENSIONS PRIOR TO CONSTRUCTION.
2. PROPOSED POLE IN COMBINATION WITH CONCRETE PEDESTAL TO EQUAL MOUNTING HEIGHT 'A'. ACTUAL POLE HEIGHT TO BE ADJUSTED ACCORDINGLY.
3. PROPOSED CONCRETE FOUNDATION AND POLE TO BE CONSTRUCTED UNLESS OTHERWISE NOTED. SETBACK FROM CURB IS PREFERRED BUT TO BE ADJUSTED AS NEEDED TO PREVENT ENCRoACHMENT OVER PROPERTY LINE.
4. BASE PLATE & ANCHOR BOLTS PER POLE MANUFACTURER. LARGER FOOTING DIAMETER AND/OR ALTERNATE ARRANGEMENT OF REINFORCING STEEL MAY BE REQUIRED TO ACCOMMODATE ANCHOR BOLT CONFIGURATION. CONTRACTOR RESPONSIBLE TO COORDINATE DIMENSIONAL REQUIREMENTS FOR BASE PLATE, ANCHOR BOLTS & REINFORCING STEEL PRIOR TO CONSTRUCTION.

LIGHT POLE FOUNDATION SCHEDULE	
MOUNTING HEIGHT ABOVE GRADE 'A'	14'5"
POLE DIA. 'B'	6" SQUARE (OR PER MANUFACTURER)
# OF FIXTURES	SINGLE OR DOUBLE
FOUNDATION DIAMETER 'C'	18" DIA. ROUND
FOUNDATION DEPTH 'D'	6'
REINFORCING TIES 'E'	#4 @ 16" O.C.
VERTICAL REINFORCEMENT 'F'	(6) #5 BARS EQUALLY SPACED

- SOIL NOTES
1. FOOTING DESIGN BASED ON ASSUMED MAXIMUM ALLOWABLE SOILS BEARING CAPACITY OF 2,000 SF PSF. CONTRACTOR RESPONSIBLE TO VERIFY ADEQUACY OF ASSUMED BEARING CAPACITY PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED IF INCONSISTENCIES EXIST.
2. SUBGRADE TO BE FREE OF ORGANICS AND BE SUITABLE, COMPACTED MATERIAL.

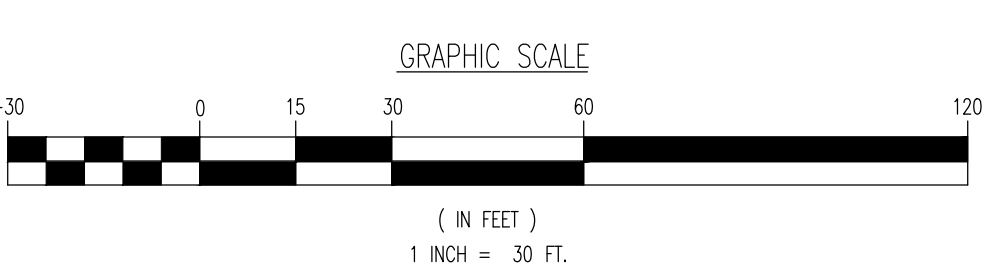
- CONCRETE NOTES
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS WITH A MINIMUM CEMENT CONTENT OF 600 POUNDS PER CUBIC YARD FOR ALL FOOTINGS.
2. ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" TO WITHIN A TOLERANCE OF 1".
3. ALL EXPOSED CONCRETE SHALL BE AIR-ENTRAINED (WITHIN 1% TOLERANCE), CONFORMING TO ASTM C260.
4. REINFORCING FRAMEWORK AND PLACEMENT OF CONCRETE SHALL COMPLY WITH GOOD CONSTRUCTION PRACTICES AND BE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES AND REGULATIONS AS WELL AS THE ACT AND UNIFORM BUILDING CODE.

DECORATIVE LIGHT FOUNDATION DETAIL
NOT TO SCALE

Diversified NJ Luminaire Schedule		Symbol		Manufacturer	Light Fixture	CCT	Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Pole / Bracket
2	A	SINGLE	☼	AAL	ALN540PM-Y2-32LED-3K-700-FINISH	3000K	6191	0.950	74.2	74.2	DB1-4R12-125-12-FINISH-BBS-12
8	B	SINGLE	☼	AAL	ALN540PM-Y3-32LED-3K-700-FINISH	3000K	6143	0.950	74	74	DB1-4R12-125-12-FINISH-BBS-12
11	C	SINGLE	☼	AAL	ALN540PM-Y4-32LED-3K-700-FINISH	3000K	6120	0.950	74	74	DB1-4R12-125-12-FINISH-BBS-12
2	D	SINGLE	☼	AAL	ALN540PM-Y5-32LED-3K-700-FINISH	3000K	5639	0.950	73.8	73.8	DB1-4R12-125-12-FINISH-BBS-12
1	E	SINGLE	☼	AAL	ALN540PM-Y5-32LED-3K-700-FINISH-PMC	3000K	5639	0.950	73.8	73.8	DB1-4R12-125-12-FINISH-BBS-12
8	F	SINGLE	☼	AAL	PROB-Y2-2030-FINISH-PFC-RD	3000K	1792	0.950	25.1	25.1	

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
ENTRANCE DRIVEWAY	Illuminance	Fc	2.40	3.7	1.3	1.85
PARKING LOT	Illuminance	Fc	1.71	3.8	0.8	2.85
PORTE COCHERE	Illuminance	Fc	1.88	3.1	1.1	1.71

DIVERSIFIED NJ
55 LANE ROAD
FAIRFIELD, NJ 07004
DESIGNER: MATTHEW STERNER
PHONE: (908) 907-8462
EMAIL: MSTERNE@DIVNJ.COM



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REV.	DATE	COMMENTS
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS
3	12/20/21	REVISED PER SCD & COUNTY COMMENTS
4	02/07/22	REVISED PER SCD COMMENTS
5	03/16/22	NEW REV PER BOROUGH COMMENTS
6	05/02/22	REVISED PER BOROUGH & SCD COMMENTS

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

DESIGNED BY: JD
CHECKED BY: JD
DATE: DTS

PROJECT: **CSH OLD TAPPAN, LLC**
PROPOSED ASSISTED LIVING FACILITY
BLOCK 1606, LOT 3
244 OLD TAPPAN ROAD
BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. CALL 811 TO LOCATE UTILITIES. FOR STATE-SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

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www.dynamiccec.com

DANIEL T. SEHNAL
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 53572

JOSEPH G. JAWORSKI
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 36618

TITLE: **LIGHTING PLAN**

SCALE: (H) 1"=30'
(V) 1"=30'

DATE: 05/18/2021

PROJECT No: 1423-99-006

SHEET No: **12** OF 20

Rev. #: