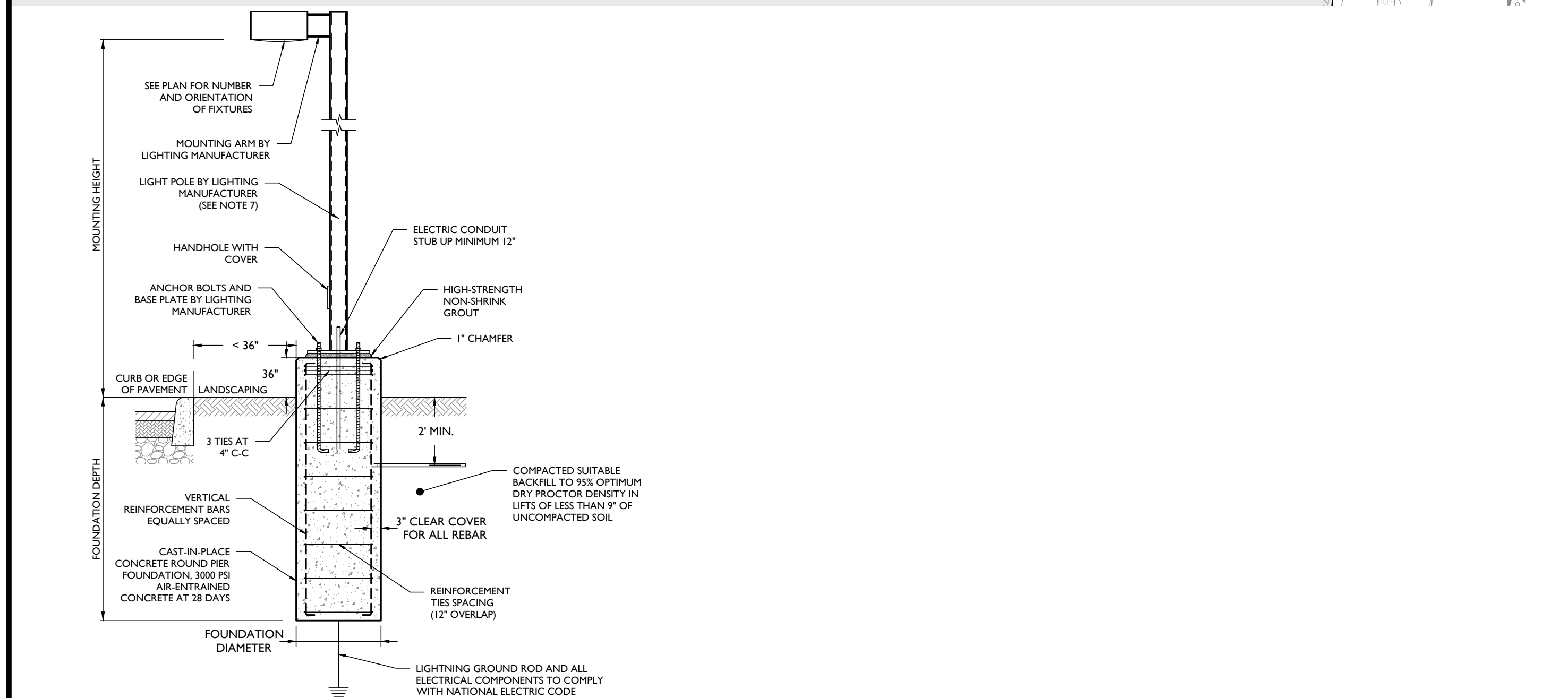




NOTES:

1. MINIMUM SOIL BEARING PRESSURE OF 1500 PSI, SOIL FRICTION ANGLE OF 30 DEGREES, AND SOIL DRY UNIT WEIGHT OF 120 PCF SHALL BE CONFIRMED IN THE FIELD BY A QUALIFIED PROFESSIONAL.
2. CAST-IN-PLACE CONCRETE SHALL BE CONSOLIDATED USING VIBRATOR.
3. ALL REBAR TO BE NEW GRADE 60 STEEL.
4. PRE-CAST PILES ACCEPTABLE UNLESS WRITTEN APPROVAL OF SHOP DRAWING BY ENGINEER.
5. CAST-IN-PLACE CONCRETE SHALL BE PLACED IN A MINIMUM OF 12" LAYER OF CASTLE LIGHT. POURED CONCRETE MIX REQUIRED TO OBTAIN 80% OF DESIGN STRENGTH PRIOR TO INSTALLING LIGHT POLE.
6. CONCRETE SHALL HAVE A MAXIMUM SLUMP OF 4" (WITHIN 1" TOLERANCE).
7. CAST PILE SHALL BE RATED FOR 10 MPH HURDLE AND 7" MAXIMUM IN-WEIGHT WIND SPEED 33FT ABOVE GROUND FOR THE AREA BASED ON ANSISANCE 7-98.
8. POUR TO BE TERMINATED AT A FORTH.
9. CONTRACTOR SHALL FOLLOW ALL BEST PRACTICES FOR APPROPRIATE TEMPORARY AND WEATHER CONDITIONS.
10. CONTRACTOR TO TEMPORARILY PROTECT ADJACENT SOILS AND STRUCTURES DURING EXCAVATION IF REQUIRED.

LLF	Luminaire Lumens	Luminaire Watts	Total Watts
0.950	7624	106	530
0.950	1986	28	56
0.950	2549	36	72
0.950	4687	103	206
0.950	9286	200	400
0.950	4826	43	129
0.900	2256	26	156

[illegible]

RSP-19-4R-7G-3BC-SGL-GRZ-3430-RBC

On 3" Concrete Footing

SPEC		Type		
SP ORDERING GUIDE				
Cat#	Height	Pole Dimension	Gauge	Base Pattern
Round Steel Base (RSP)	10' (R) 12' (R) 14' (R) 16' (R) 18' (R) 20' (R) 22' (R) 24' (R) 26' (R) 28' (R) 30' (R)	4" Round (R4) 6" Round (R6) 8" Round (R8) 10" Round (R10) 12" Round (R12)	130 Wall Thickness (130) 130 Wall Thickness (130)	(70-221) 9" x 30" (R221) (90) 12" x 30" (R221) 14" x 30" (R221) 16" x 30" (R221) 18" x 30" (R221) 20" x 30" (R221) 22" x 30" (R221) 24" x 30" (R221) 26" x 30" (R221) 28" x 30" (R221) 30" x 30" (R221)
Mounting	Color	Bolts	Options	
Code Type (R-00) (R-01) (R-02) (R-03) (R-04) (R-05) (R-06) (R-07) (R-08) (R-09) (R-10) (R-11) (R-12) (R-13) (R-14) (R-15) (R-16) (R-17) (R-18) (R-19) (R-20) (R-21) (R-22) (R-23) (R-24) (R-25) (R-26) (R-27) (R-28) (R-29) (R-30) (R-31) (R-32) (R-33) (R-34) (R-35) (R-36) (R-37) (R-38) (R-39) (R-40) (R-41) (R-42) (R-43) (R-44) (R-45) (R-46) (R-47) (R-48) (R-49) (R-50) (R-51) (R-52) (R-53) (R-54) (R-55) (R-56) (R-57) (R-58) (R-59) (R-60) (R-61) (R-62) (R-63) (R-64) (R-65) (R-66) (R-67) (R-68) (R-69) (R-70) (R-71) (R-72) (R-73) (R-74) (R-75) (R-76) (R-77) (R-78) (R-79) (R-80) (R-81) (R-82) (R-83) (R-84) (R-85) (R-86) (R-87) (R-88) (R-89) (R-90) (R-91) (R-92) (R-93) (R-94) (R-95) (R-96) (R-97) (R-98) (R-99) (R-100) (R-101) (R-102) (R-103) (R-104) (R-105) (R-106) (R-107) (R-108) (R-109) (R-110) (R-111) (R-112) (R-113) (R-114) (R-115) (R-116) (R-117) (R-118) (R-119) (R-120) (R-121) (R-122) (R-123) (R-124) (R-125) (R-126) (R-127) (R-128) (R-129) (R-130) (R-131) (R-132) (R-133) (R-134) (R-135) (R-136) (R-137) (R-138) (R-139) (R-140) (R-141) (R-142) (R-143) (R-144) (R-145) (R-146) (R-147) (R-148) (R-149) (R-150) (R-151) (R-152) (R-153) (R-154) (R-155) (R-156) (R-157) (R-158) (R-159) (R-160) (R-161) (R-162) (R-163) (R-164) (R-165) (R-166) (R-167) (R-168) (R-169) (R-170) (R-171) (R-172) (R-173) (R-174) (R-175) (				

REVISION DATE	DESCRIPTION	B

**TAX LOT 22.01, BLOCK 62
A.K.A. 76-82 ASHLAND AVENUE
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY**

AUTHORIZATION No. 2GA28098700
6 CAREY AVENUE, BUTLER, NJ 0740
TEL: (973) 714-2131

Digitally signed by Joseph R. Golden
Date: 2025.06.30 11:16:38 -0400

JOSEPH R. GOLDEN, P.E., P.P.
Professional Engineer, NJ License No. 24GE03298200
Professional Planner, NJ License No. 3920

DRAWN JRG	CHECKED NG	SCALE 1"=20'	DATE 04/30/2025	SHEET No. 2 OF 2	PROJECT No. GME-25-02
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