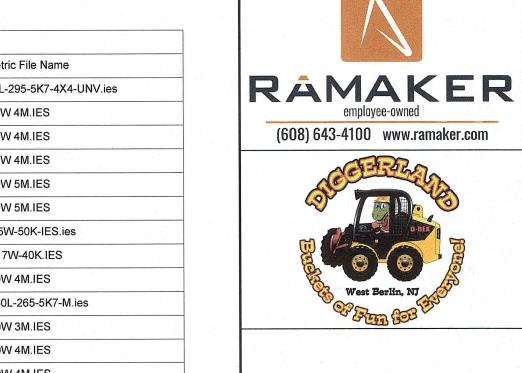
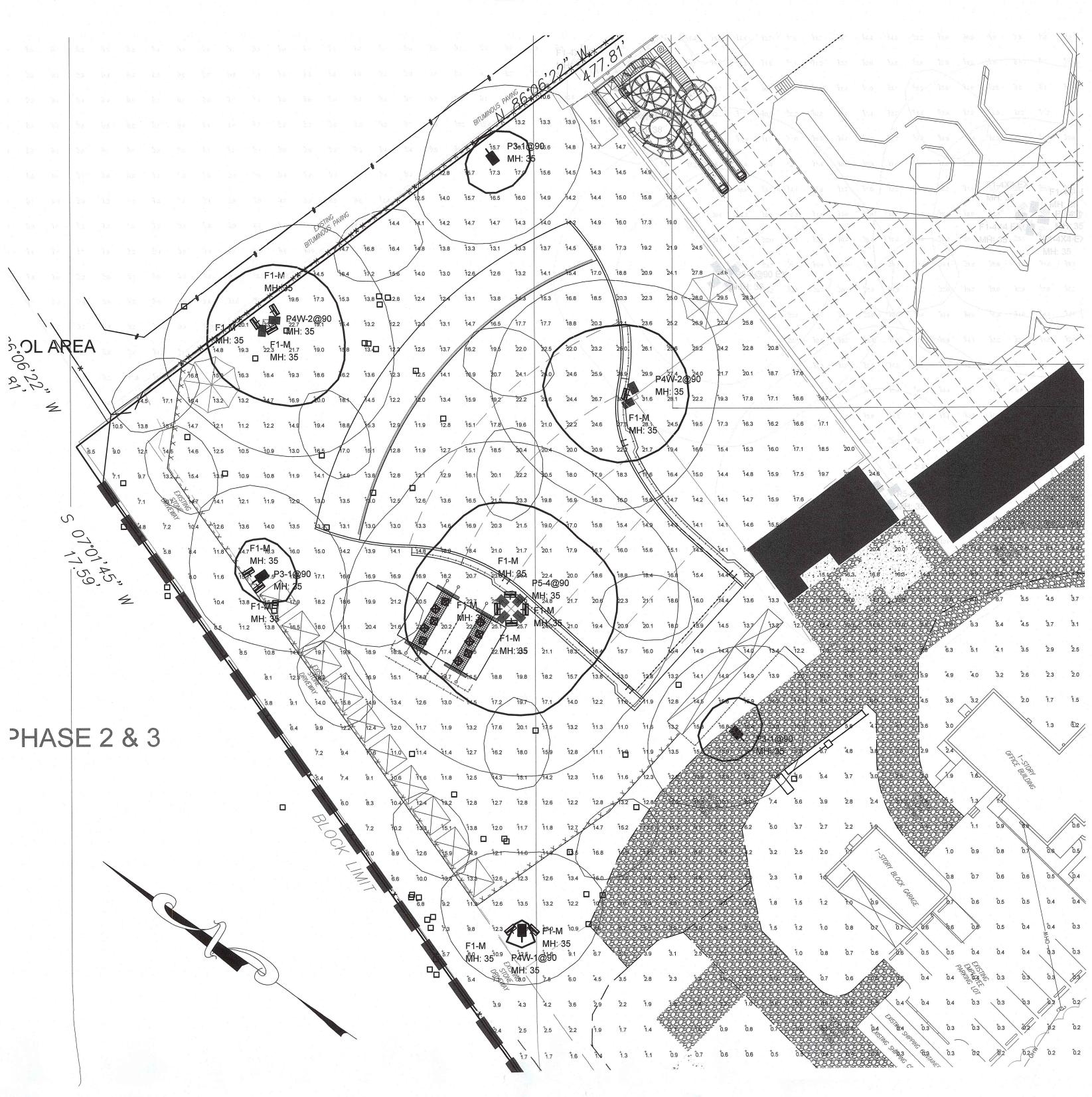
SITE LIGHTING DETAIL - POE LIGHTS

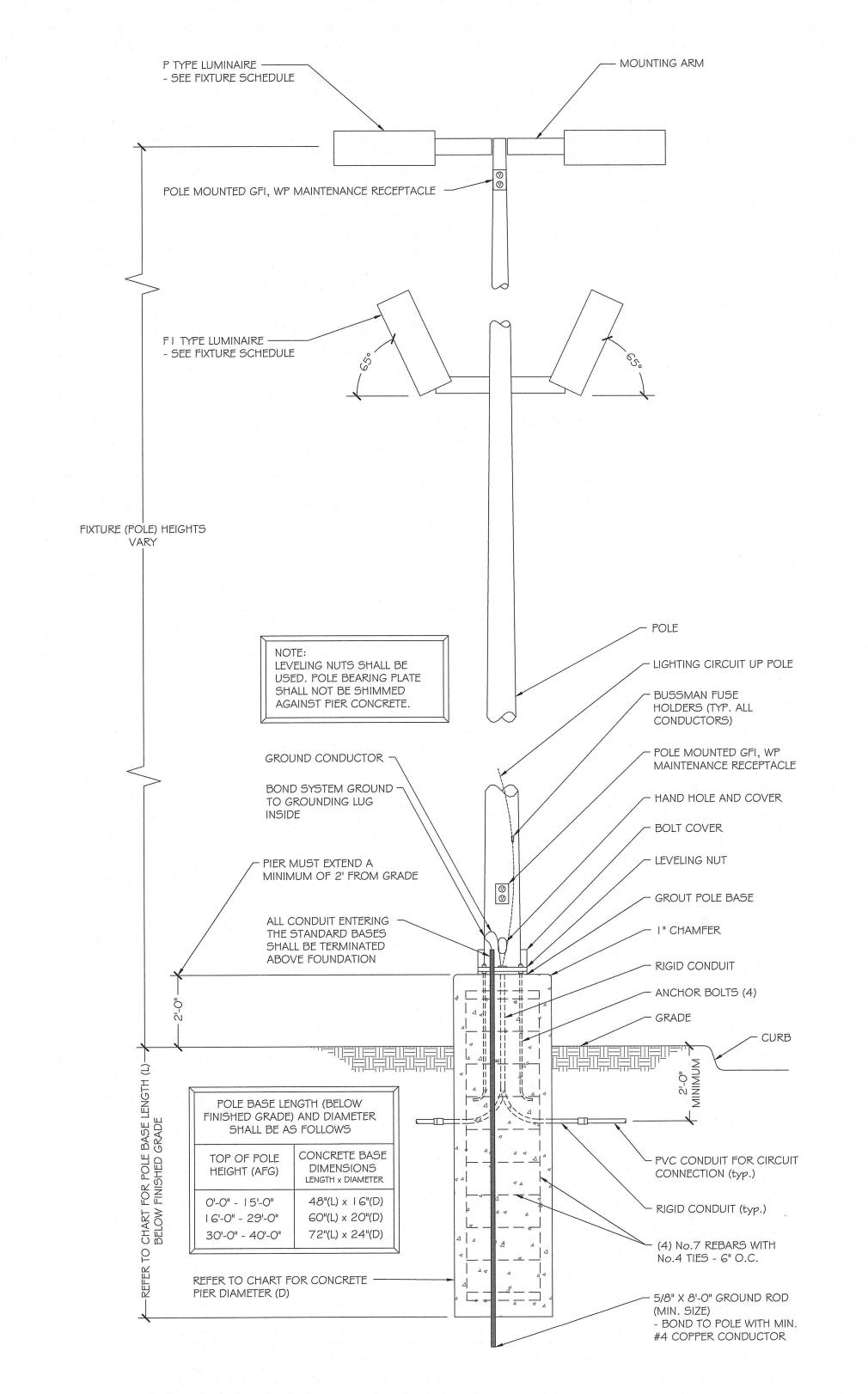
| Calculation Summary | | | | | | | | | | |
|--------------------------|-------|-------|------|------|---------|---------|--|--|--|--|
| _abel | Units | Avg | Max | Min | Avg/Min | Max/Min | | | | |
| PHASE 2 & 3 | Fc | 5.90 | 31.6 | 0.0 | N.A. | N.A. | | | | |
| Stat Area_WAVE POOL AREA | Fc | 16.52 | 31.6 | 10.3 | 1.60 | 3.07 | | | | |

| naire Schedule | | | | | | | | | | | | |
|----------------|-----|----------------|--------------|---|---------------------------|---------------------------|-------|-------------|------------------|-----------------------------|--|--|
| ool | Qty | Arrangement | Fixture Type | Description | Manufacturer | Catalog Number | LLF | Total Watts | Delivered Lumens | Photometric File Name | | |
| → | 7 | SINGLE | F1-4X4 EX | LED FLOODLIGHT, 4X4 BEAM, ANGLED 65 ABOVE NADIR | BEACON PRODUCTS | AL-X-72L-295-5K7-4X4-UNV_ | 0.900 | 297 | 27212 | AL-X-72L-295-5K7-4X4-UNV.ie | | |
| | 1 | SINGLE | P4W-1@90 EX | AREA LIGHT, 1@90, TYPE IV DISTRIBUTION, 35' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ 500W 4M - 1@90_ | 0.900 | 500 | 72528 | GLZ 500W 4M.IES | | |
| 2 | 1 | 2 @ 90 DEGREES | P4W-2@90 EX | AREA LIGHT, 2@90 TYPE IV DISTRIBUTION, 35' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ 500W 4M - 2@90_ | 0.900 | 1000 | 145056 | GLZ 500W 4M.IES | | |
| | 1 | SINGLE | P4WA-1@90 EX | AREA LIGHT, 1@90, TYPE IV DISTRIBUTION, 38' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ 500W 4M - 1@90 - 38' | 0.900 | 500 | 72528 | GLZ 500W 4M.IES | | |
| | 3 | SINGLE | P5-1@90 EX | AREA LIGHT, 1@90 TYPE V DISTRIBUTION, 30' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ 300W 5M - 1 @90_ | 0.900 | 303.8 | 43274 | GLZ 300W 5M.IES | | |
| | 3 | 4 @ 90 DEGREES | P5-4@90 EX | AREA LIGHT, 4@90, TYPE V DISTRIBUTION, 35' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ 500W 5M - 4@90_ | 0.900 | 2000 | 281844 | GLZ 500W 5M.IES | | |
| → | 3 | SINGLE | R2 EX | CANOPY LIGHT | LUMINOSO LED INC | ECPY-14-65W-50K-W-Y-X | 0.900 | 64.9 | 6320 | ECPY-65W-50K-IES.ies | | |
| — | 7 | SINGLE | W1 EX | WALL PACK | Luminoso LED Lighting Inc | MWPK-17W-40K | 0.900 | 17.4 | 1688 | MWPK-17W-40K.IES | | |
| | 1 | SINGLE | W4 EX | AREA LIGHT, 1@90 TYPE V DISTRIBUTION, MOUNTED 16' TO BUILDING | LUMINOSO LED LIGHTING | GLZ 300W 4M - WALL | 0.900 | 298.2 | 42256 | GLZ 300W 4M.IES | | |
| | 12 | SINGLE | F1-M | LED FLOODLIGHT, MEDIUM FLOOD 4X4 BEAM, ANGLED 65 ABOVE NADIR | HUBBELL OUTDOOR | RFL5-360L-265-5K7-M | 0.900 | 252 | 28268 | RFL5-360L-265-5K7-M.ies | | |
| | 3 | SINGLE | P3-1@90 | AREA LIGHT, 1@90 TYPE III DISTRIBUTION, 35' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ2 500W 3M - 1@90 | 0.900 | 504.4 | 71708 | GLZ 500W 3M.IES | | |
| | 1 | SINGLE | P4W-1@90 | AREA LIGHT, 1@90, TYPE IV DISTRIBUTION, 35' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ2 500W 4M - 1@90 | 0.900 | 500 | 72528 | GLZ 500W 4M.IES | | |
| 2 | 2 | 2 @ 90 DEGREES | P4W-2@90 | AREA LIGHT, 2@90 TYPE IV DISTRIBUTION, 35' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ2 500W 4M - 2@90 | 0.900 | 1000 | 145056 | GLZ 500W 4M.IES | | |
| | 1 | 4 @ 90 DEGREES | P5-4@90 | AREA LIGHT, 4@90, TYPE V DISTRIBUTION, 35' MOUNTING HEIGHT | LUMINOSO LED LIGHTING | GLZ2 500W 5M - 4@90 | 0.900 | 2000 | 281844 | GLZ 500W 5M.IES | | |



Certification \$ Seal:





2 SITE LIGHTING DETAIL - POLE LIGHTING

Scale: I" = 25'-0"

PROJECT OWNER:
DIGGERLAND USA

PROJECT LOCATION:
44 I EAST FRANKLIN AVE.
WEST BERLIN, NJ 0809 I

MARK DATE DESCRIPTION

ISSUE REGULATORY SUBMITTAL

DIGGERLAND

USA PHASE II

EXPANSION

DATE | 07/30/202 |

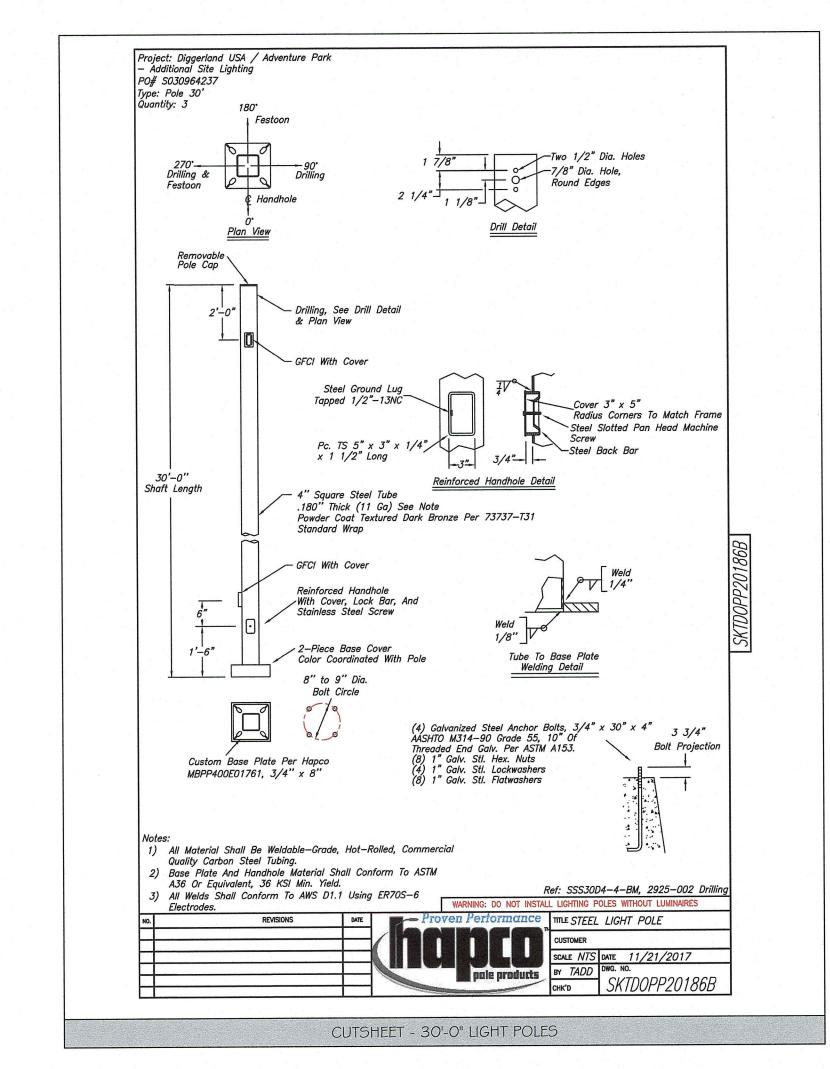
PROJECT TITLE:

SHEET TITLE:

n.t.s.

SITE LIGHTING
PHOTOMETRIC
PLAN

0 12.5' 25' 5



∕Two 1/2" Dia. Holes

7/8" Dia. Hole,

Tube To Base Plate

Bolt Projection

Ref: SSS35D5-4-BM, 2925 Drilling

TITLE Square Steel Light Pole

BY TADD DWG. NO.

SKTDOPP20186A

(4) Galvanized Steel Anchor Bolts, 1" x 36" x 4"

AASHTO M314-90 Grade 55, 10" Of
Threaded End Galv. Per ASTM A153.
(8) 1" Galv. Stl. Hex. Nuts
(4) 1" Galv. Stl. Lockwashers
(8) 1" Galv. Stl. Flatwashers

Round Edges

Project: Diggerland USA / Adventure Park

– Additional Site Lighting
PO# S030964237

Tenon, 2" Sch. 40 NPS

With Cover

← GFCI With Cover

-5" Square Steel Tube

Standard Wrapping

Stainless Steel Screw

Bolt Circle

Base Plate Per Hapco 1762

1) All Material Shall Be Weldable-Grade, Hot-Rolled, Commercial

P) Base Plate And Handhole Material Shall Conform To ASTM

3) All Welds Shall Conform To AWS D1.1 Using ER70S-6

REF: 1" x 11", See Note

A36 Or Equivalent, 36 KSI Min. Yield.

.180" Thick (7 Ga) See Note

Reinforced Handhole (3" x 5")

∠2-Piece ABS Plastic Base Cover, Color

Coordinated To Pole, With (4) Connectors.

CUTSHEET - 35'-0" LIGHT POLES

Powder Coat Textured Dark Bronze Per 73737-T31

Type: Pole 35' Quantity: 4

35'-0"

Shaft Length

