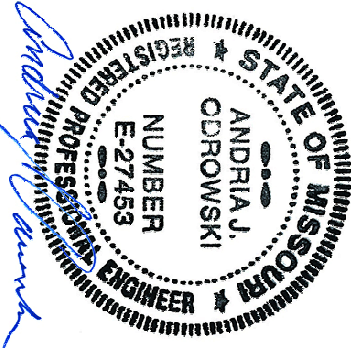




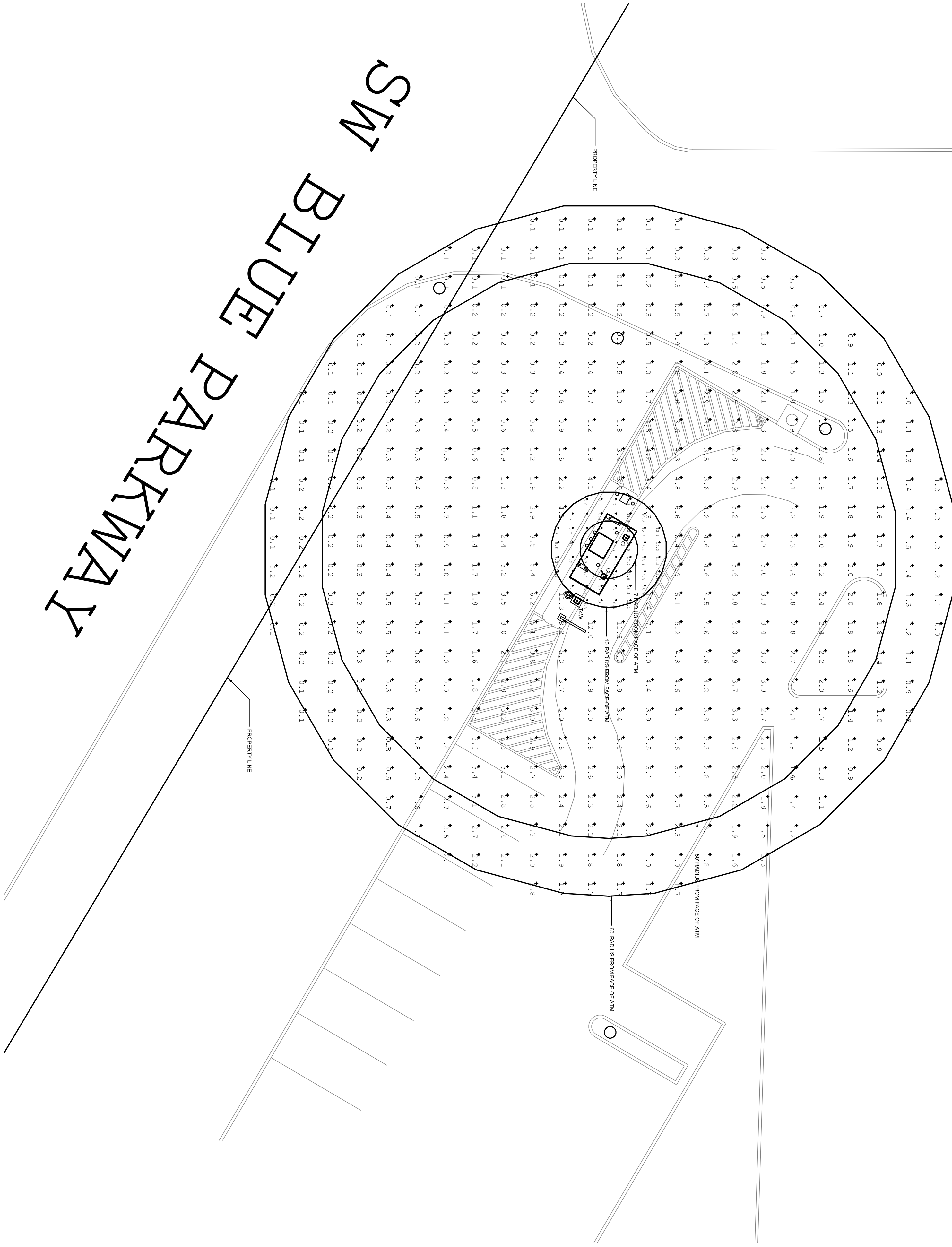
THE LOCATION OF THE LIGHT FIXTURES WERE MADE BY OTHERS AND ARE OUTSIDE OF THE SCOPE OF WORK OF HENDERSON ENGINEERS. HENDERSON ENGINEERS HAS CONDUCTED VISUAL VERIFICATION OF THE LOCATION OF THE LIGHT FIXTURES AND HAS FOUND THEM TO BE IN THE LOCATION SHOWN ON THIS SHEET. THE USE OF THE SEAL AND SIGNATURE ON THIS SHEET APPLIES TO HENDERSON ENGINEERS SCOPE OF SERVICES ONLY.



Luminaire Schedule				
Symbol	Qty	Label	Arrangement	ILF
	2	E-C50A04 series 40x	SINGLE	0.900
	1	GLEON-AF-04-LED-E1-14W	SINGLE	0.900

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
5' AREA OUTSIDE PROPERTY LINE	ILLUMINANCE	FC	13.92	17.7	8.6	1.62
10' AREA OUTSIDE PROPERTY LINE	ILLUMINANCE	FC	11.98	20.6	4.7	2.55
50' AREA OUTSIDE PROPERTY LINE	ILLUMINANCE	FC	2.20	12.0	0.1	22.00
60' AREA OUTSIDE PROPERTY LINE	ILLUMINANCE	FC	0.85	2.7	0.1	8.50

1 PHOTOMETRICS PLAN
3/32" = 1'-0"



2 POLE BASE DETAIL
NO SCALE

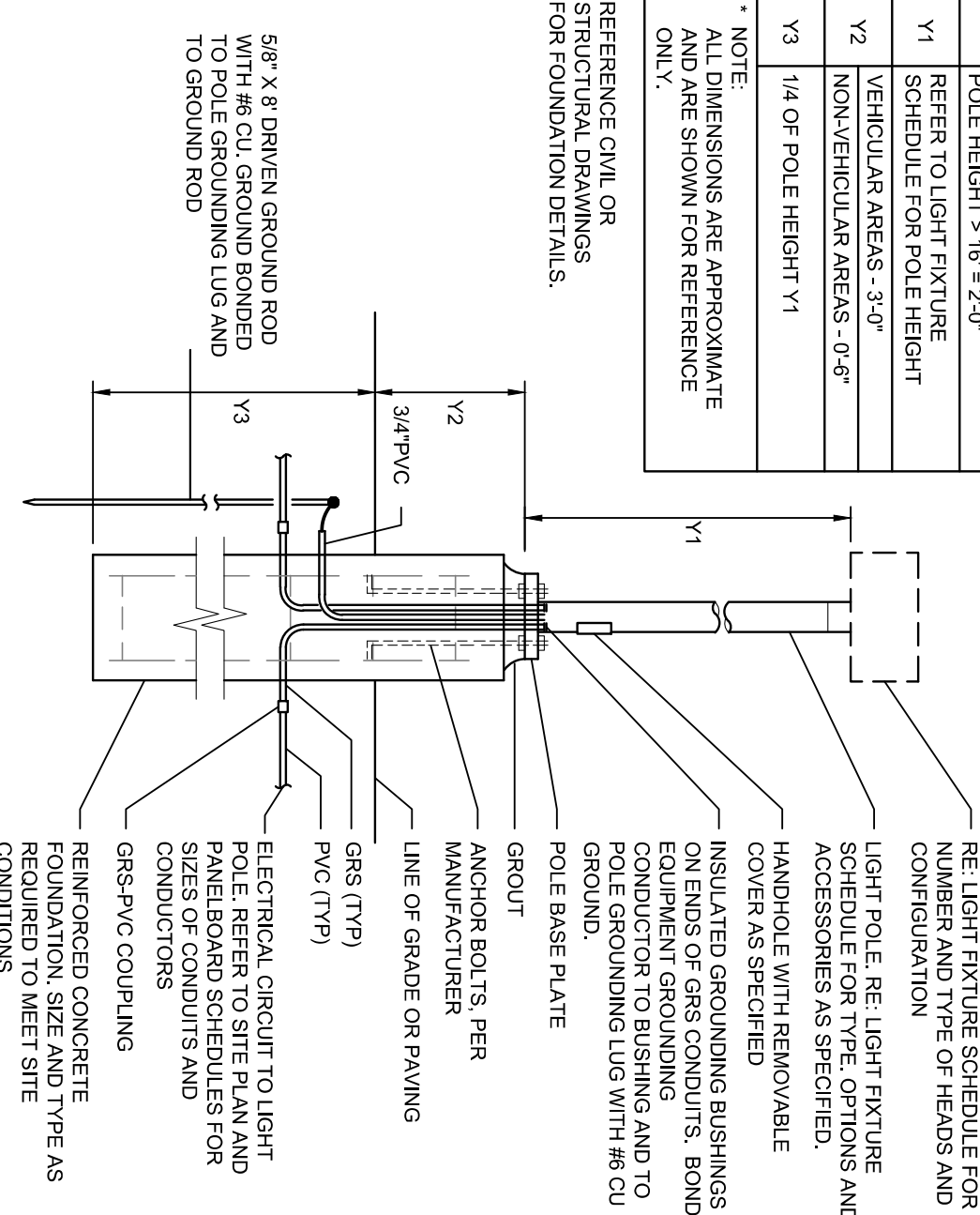


TABLE OF DIMENSIONS*	
X	POLE HEIGHT < 16' = 1'-6"
Y1	POLE HEIGHT > 16' = 2'-0"
Y2	VEHICULAR AREAS - 3'-0"
Y3	NON-VEHICULAR AREAS - 0'-6"
Y3	1/4 OF POLE HEIGHT Y1

* NOTE:
ALL DIMENSIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.

REFERENCE ONLY OR
FOR FOUNDATION DETAILS.

LIGHT FIXTURE SCHEDULE:

CL= E-C50A04-W40W (CANOPY LIGHT OWNER PROVIDED CONTRACTOR INSTALLED)
MANUFACTURER E-COINOLIGHT
120V, 48V, 44W
T4W=GLEON-AF-04-LED-E1-14W
MANUFACTURER-MCGRAW-EDISON
120V, 250VA, 228W
POLE 2\"/>

CLEARING THE AREA FOR PROPER ILLUMINATION
THE CONTRACTOR SHALL TRIM TREES AND LANDSCAPING AROUND THE AFFECTED AREA IN ORDER TO COMPLY WITH CHASE LANDSCAPING STANDARD 300-L2
ATM ILLUMINATION REQUIREMENTS
FINAL ADJUSTMENTS TO AIMING AND DIRECTION OF FIXTURES MAY BE REQUIRED TO ELIMINATE LIGHT TRESPASS OR GLARE ONTO ADJOINING PROPERTIES OR ROADWAYS.
SUBSTITUTION OF THE LIGHT FIXTURES WILL RESULT IN A DIFFERENT ILLUMINATION COVERAGE AND PATTERN. SUBSTITUTION OF LIGHT FIXTURES WILL NOT BE PERMITTED.