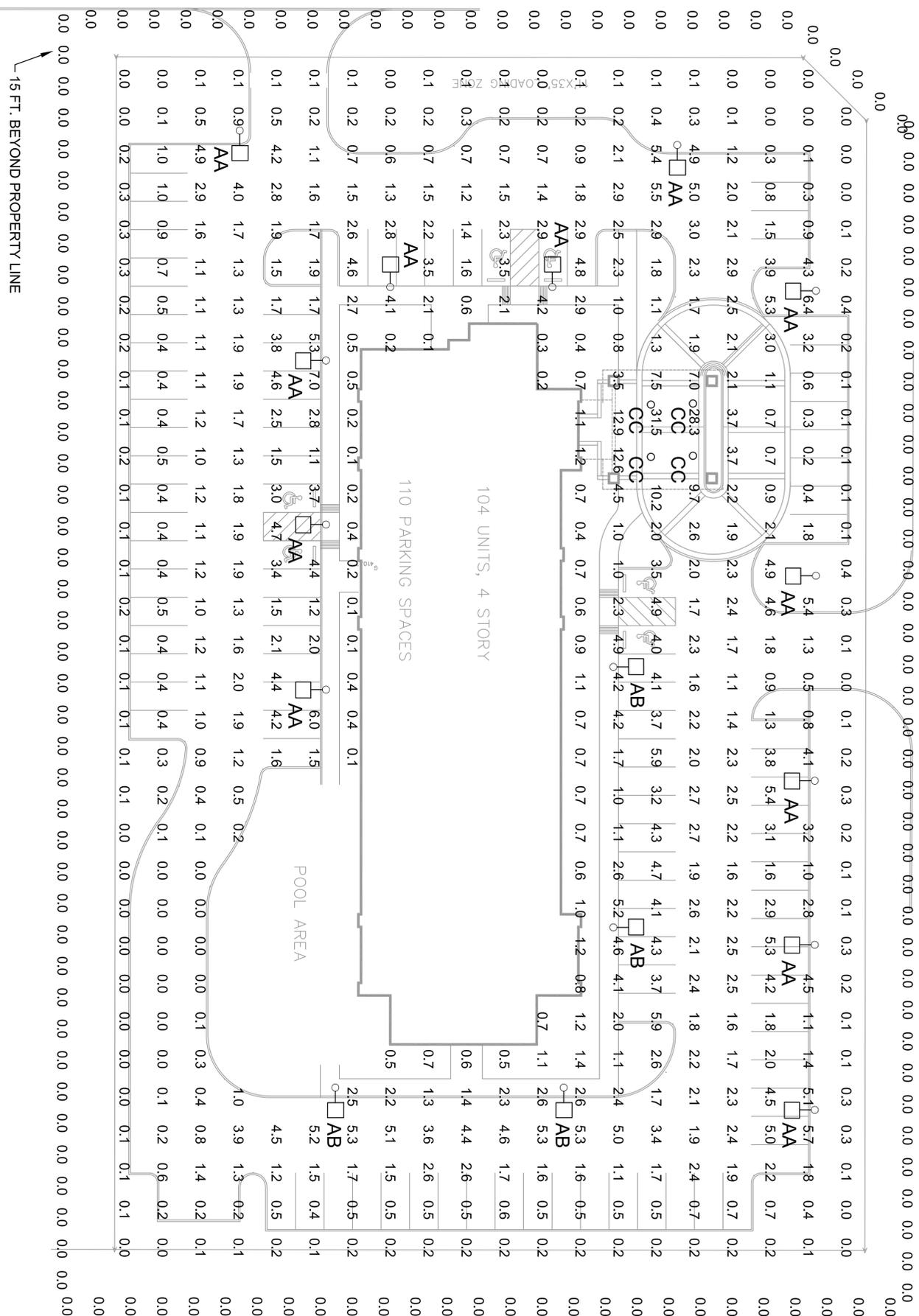


EMPIRE CENTRAL DRIVE

(140' PUBLIC R-O-W)

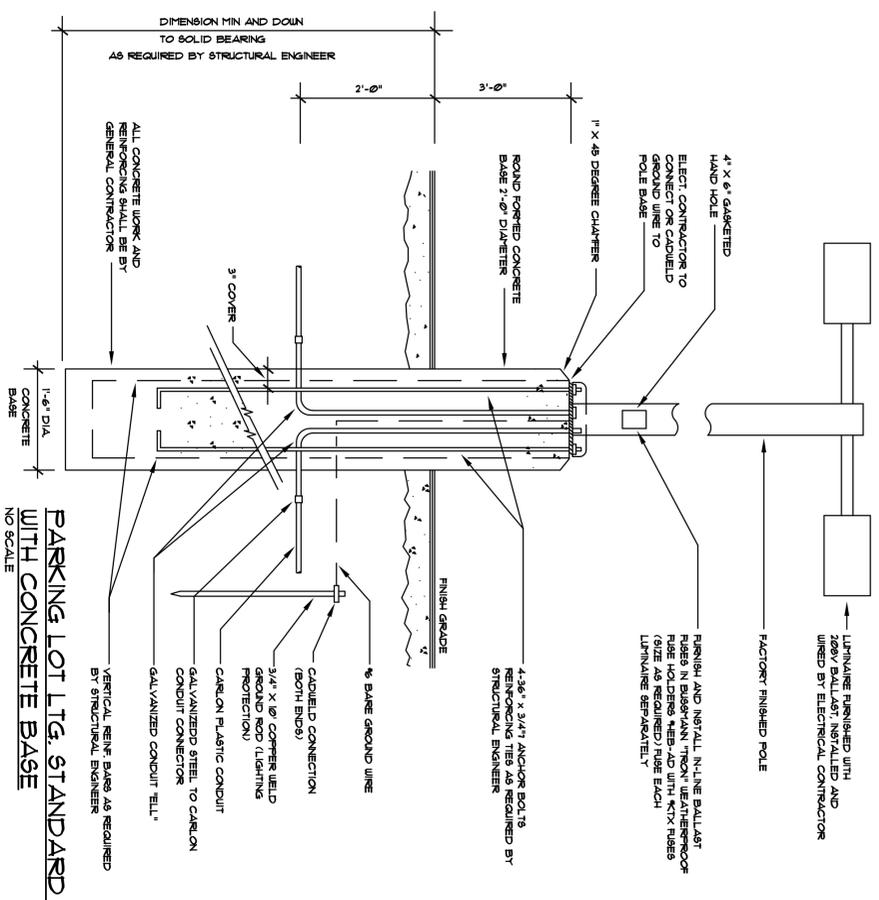
EMPIRE CENTRAL



1 ELECTRICAL SITE PHOTOMETRIC PLAN
SCALE: 1/20" = 1'-0"

EXTERIOR LIGHTING LAYOUT NOTES:

- A. ALL EXTERIOR LIGHTS SHALL BE CONTROLLED VIA AUTOMATIC CONTROLS (PHOTOCELL/TIMECLOCK) PER INTERNATIONAL ENERGY CONSERVATION CODE.
- B. EXTERIOR LIGHTING LAYOUT IS DIAGNOSTIC ONLY AND IT IS BASED ON THE FOLLOWING CRITERIA:
 - i) MINIMUM MAINTAINED ILLUMINATION LEVEL (WITH 1% MAINTENANCE FACTOR) AT GRADE LEVEL TO BE APPROXIMATELY 12 FOOTCANDLE.
 - ii) 200W METAL HALIDE IS UTILIZED ON ALL LIGHT FIXTURES.
 - iii) POLE HEIGHT SHALL NOT BE TALLER THAN 20'-0" (WITH 11'-5" POLE AND 2'-6" CONCRETE PEDESTAL ABOVE GRADE).
- v) CONTRACTOR SHALL PROVIDE PHOTOGRAPHIC POINT BY POINT LAYOUT TO THE OWNER FOR REVIEW AND FINAL APPROVAL. COORDINATE WITH LIGHTING MANUFACTURER FOR RECOMMENDED LOCATIONS AND TYPE OF LIGHT FIXTURES TO BE UTILIZED IN ORDER TO ACHIEVE THE LIGHTING DESIGN REQUIREMENTS.
- v) THE POLE DESIGN IS BASED ON THE MIN WIND SPEED (80 MPH) PER HOUR.



GENERAL NOTES:

- A. THIS IS DIAGNOSTIC ONLY. POLE BASE PROVIDED SHALL BE ACCEPTABLE TO THE LOCAL JURISDICTION AND STRUCTURAL ENGINEER & APPROVED BY THE OWNER.
- B. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- C. COORDINATE INSTALLATION WITH STRUCTURAL, CIVIL, ARCHITECTURAL AND LANDSCAPE.
- D. POLE BASE SHALL BE IN COMPLIANCE WITH MANUFACTURER'S SPECS, REQUIREMENTS AND RECOMMENDATIONS.
- E. POLE BASE SHALL BE SUBMITTED TO STRUCTURAL ENGINEER/ARCHITECT FOR APPROVAL PRIOR TO ROUGH IN.

STATE OF TEXAS
REGISTERED PROFESSIONAL ENGINEER
ANDREW J. MOK
REG. NO. 85307
05-24-10

MOK Associates Inc. (firm #1447)
P.O. Box 201459
Arlington, Texas 76006
Ph. 817.522.3925
Fax. 817.887.3300
E-mail address: amok@mok-associates.com

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RSS ARCHITECTS LLC.
2201 DOTTIE LYNN PKWY., SUITE 145
FORT WORTH, TEXAS 76120
PH: 817-640-9003 FAX: 817-649-8410



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