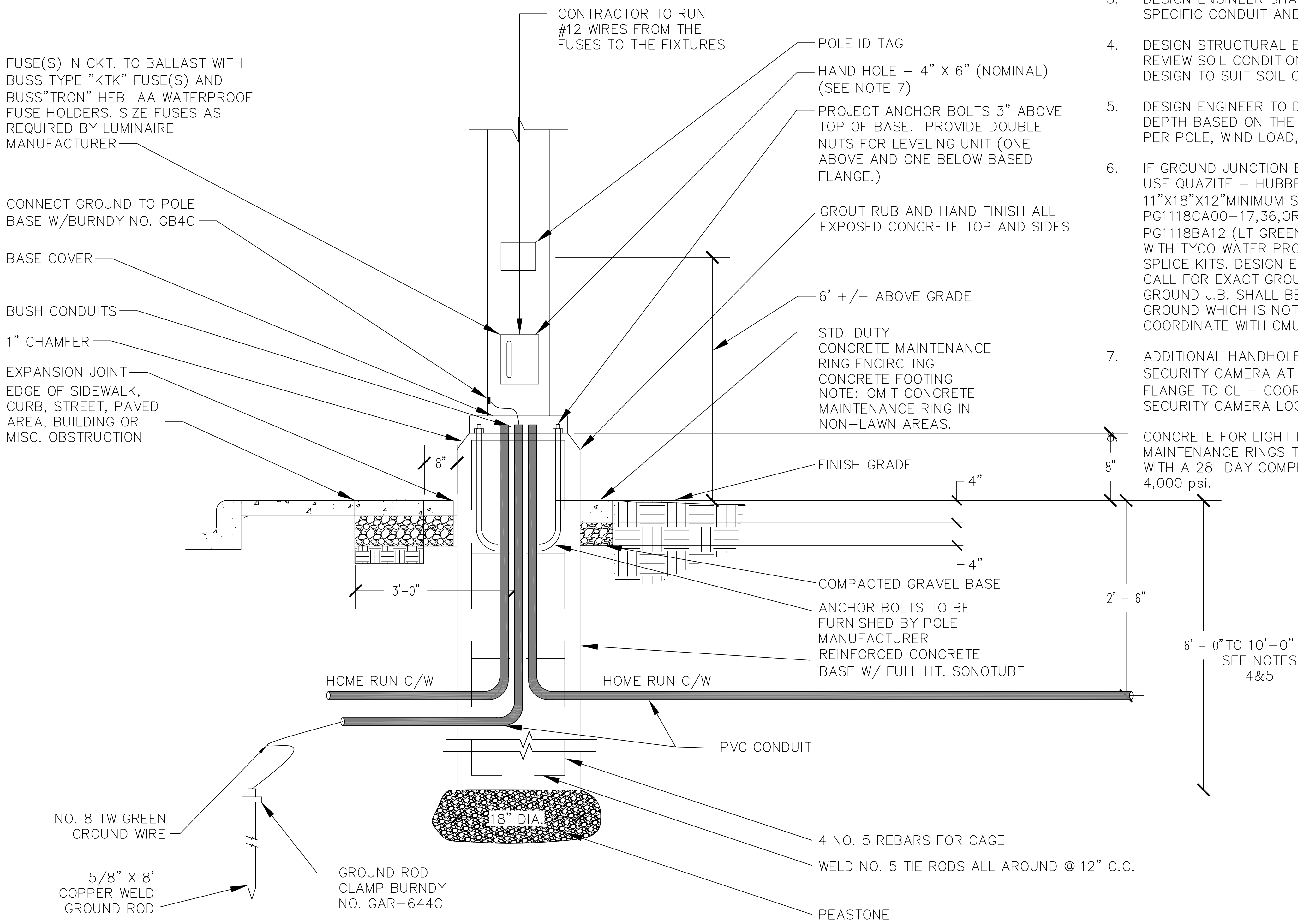


POLE SET BACK:

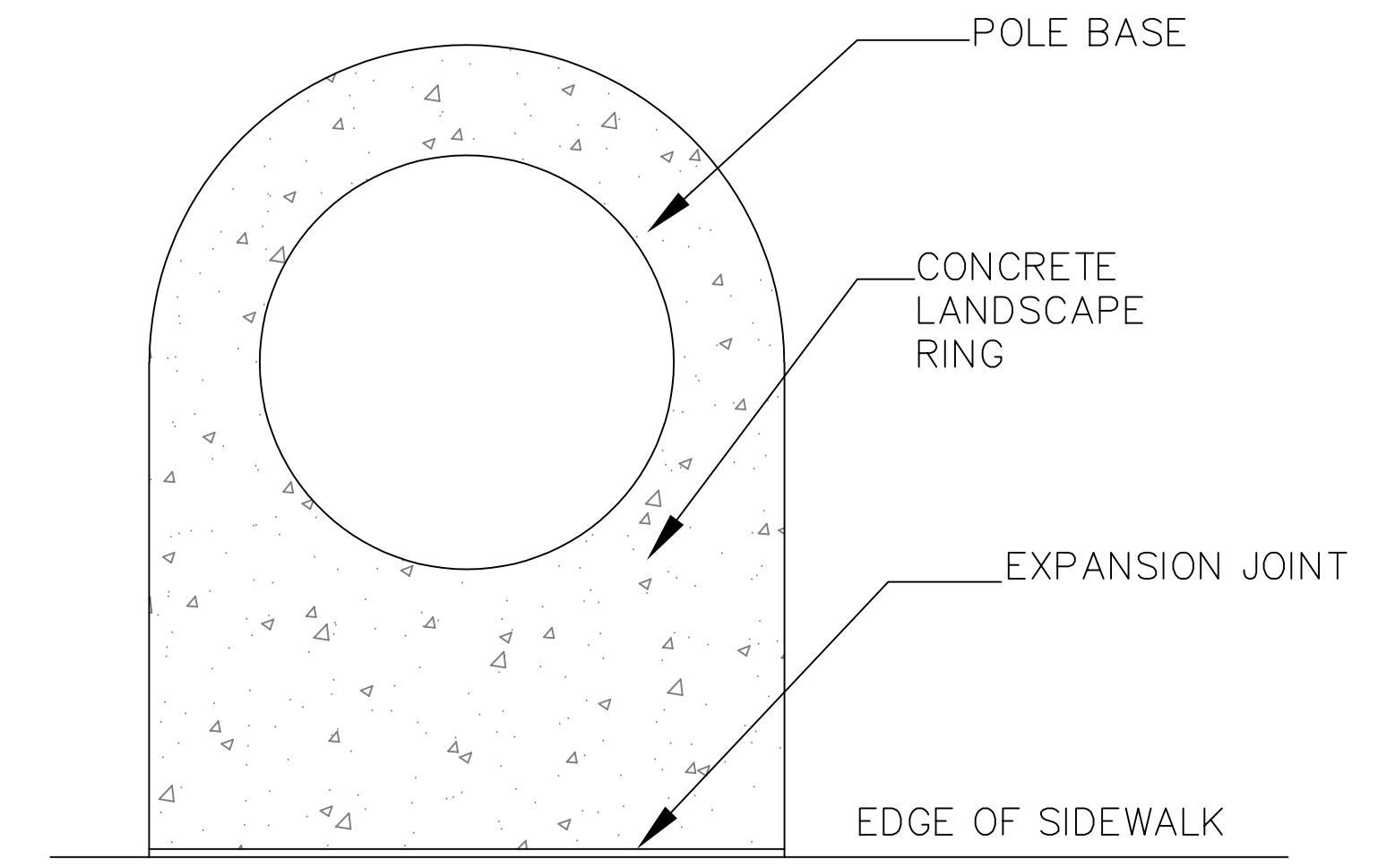
DIMENSION 'X'	MINIMUM DISTANCE FROM EDGE TO POLE CENTER
3'-3"	SIDEWALK, WALKWAY
7'-3"	STREET, PARKING LOT



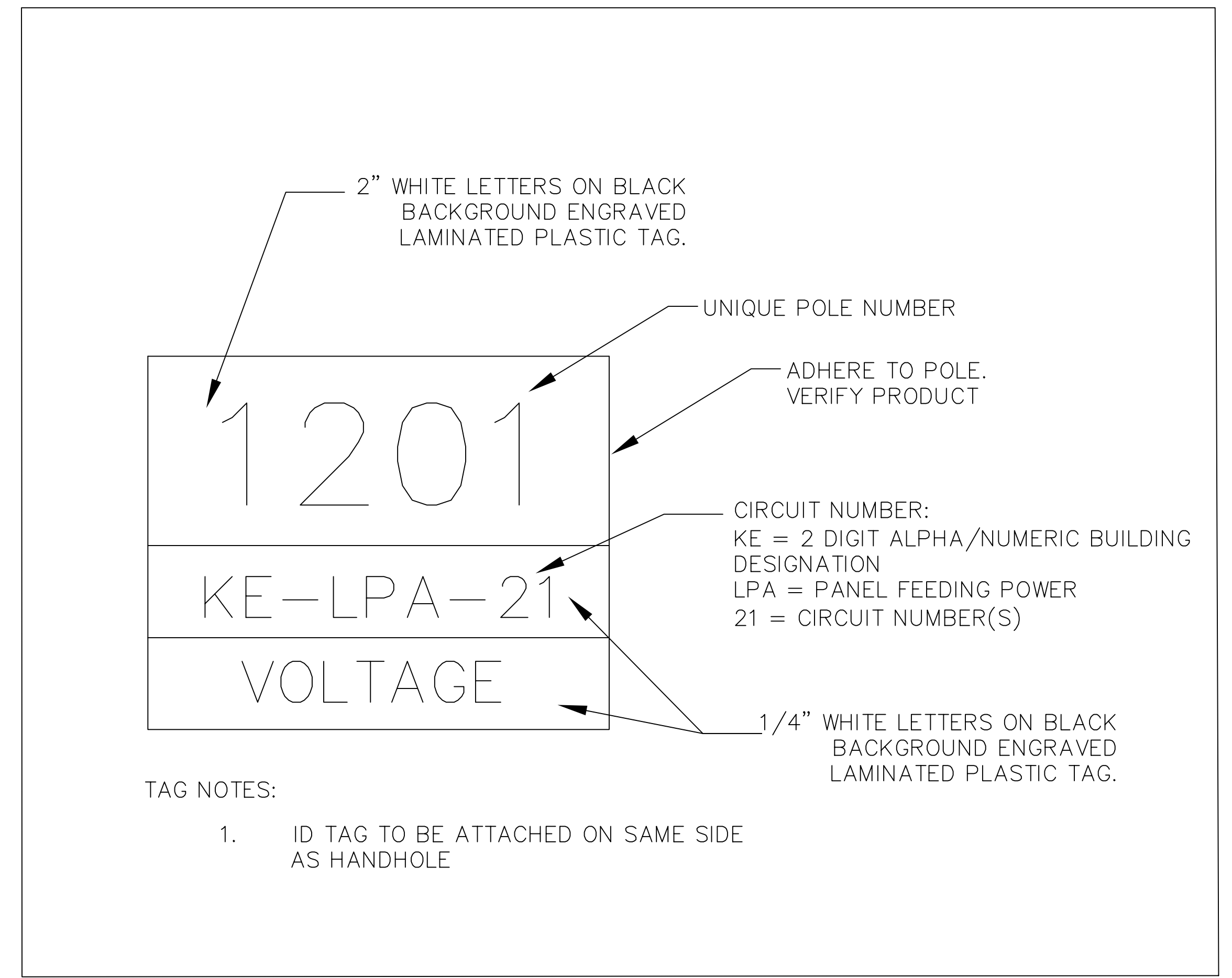
10', & 16' EXTERIOR LIGHT POLE BASE DETAIL
OUTDOOR LIGHTING STANDARDS
 NOT TO SCALE

DESIGN NOTES:

1. POLE LOCATION AND SPACING FOR SPECIFIC PROJECTS SHALL COMPLY WITH CMU STANDARDS.
2. DESIGN ENGINEER SHALL SUBMIT POINT X POINT PRINT OUT OF PROJECT AREA TO CMU PROJECT MANAGER.
3. DESIGN ENGINEER SHALL PROVIDE SPECIFIC CONDUIT AND WIRE REQUIREMENTS
4. DESIGN STRUCTURAL ENGINEER SHALL REVIEW SOIL CONDITIONS AND ADJUST BASE DESIGN TO SUIT SOIL CONDITIONS
5. DESIGN ENGINEER TO DETERMINE POLE BASE DEPTH BASED ON THE NUMBER OF LUMINARIES PER POLE, WIND LOAD, AND SOIL CONDITIONS
6. IF GROUND JUNCTION BOX IS REQUIRED USE QUAZITE - HUBBELL PG SERIES 11"X18"X12" MINIMUM SIZE PG1118CA00-17,36, OR 29 PG1118BA12 (LT GREEN OR GRAY) WITH TYCO WATER PROOF STREET SPLICE KITS. DESIGN ENGINEER SHALL CALL FOR EXACT GROUND J.B. LOCATIONS. GROUND J.B. SHALL BE INSTALLED IN HIGH GROUND WHICH IS NOT SUBJECT TO FLOODING. COORDINATE WITH CMU PROJECT MANAGER.
7. ADDITIONAL HANDHOLE MAY BE REQUIRED FOR SECURITY CAMERA AT 8'-6" ABOVE POLE FLANGE TO CL - COORDINATE W/CMU PM FOR SECURITY CAMERA LOCATION.



MAINTENANCE RING
 NOT TO SCALE



TAG NOTES:

1. ID TAG TO BE ATTACHED ON SAME SIDE AS HANDHOLE

POLE ID TAG DETAIL
 NOT TO SCALE

PLANT ENGINEERING & PLANNING OFFICE
 FACILITIES MANAGEMENT
 206 COMBINED SERVICES BUILDING
 MOUNT PLEASANT, MI 48859
 OFFICE: (989)774-6559
 FAX: (989)774-6187

CENTRAL MICHIGAN UNIVERSITY
 ELECTRICAL
 10' + 16' EXTERIOR LIGHTING

DRAWING SET INFO

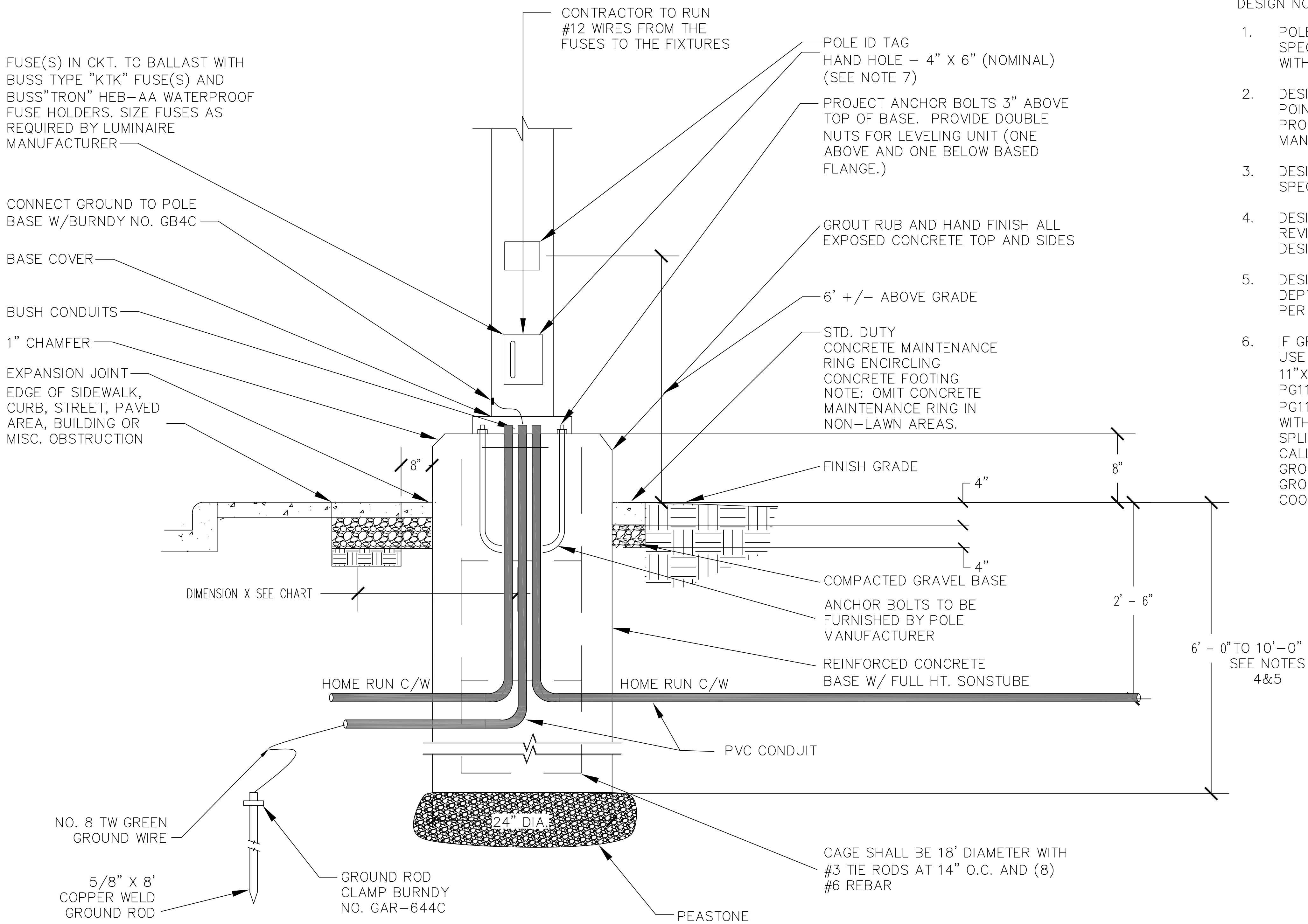
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- 90% SCHEMATIC DESIGN REVIEW
- 50% DESIGN DEVELOPMENT REVIEW
- 90% DESIGN DEVELOPMENT REVIEW
- 50% CONSTRUCTION DOC. REVIEW
- 90% CONSTRUCTION DOC. REVIEW
- BID AND CONSTRUCTION SET
- FINAL RECORD - AS BUILT SET
- FOR REFERENCE ONLY
- ORIGINAL
- COPY

DRAWN BY: _____
 CHECKED BY: _____
 APPROVED BY: _____

REVISIONS

Δ	DATE	DESCRIPTION
1	4.23.13	Light Pole Revisions
2	5.12.14	NEW LIGHTING STANDARD
3	7.23.14	Revis Pole ID Tag
4		
5		
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7		
8		
9		
10		

DWG CREATED 6.21.06
 SCALE NTS
 ACAD FILE#
 PLOT DATE 8.24.06
 SHEET NO.



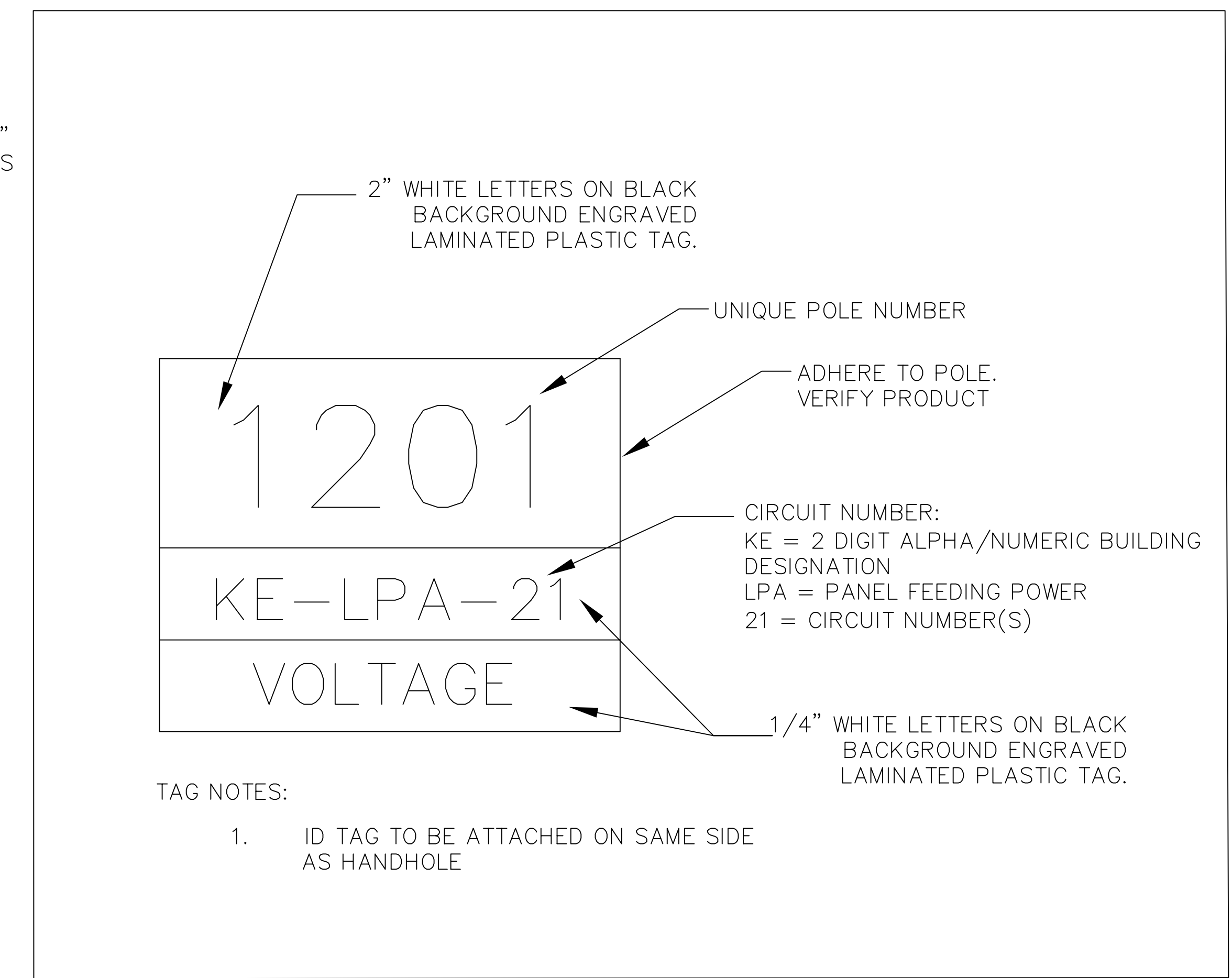
24' EXTERIOR LIGHT POLE BASE DETAIL
OUTDOOR LIGHTING STANDARDS
 NOT TO SCALE

POLE SET BACK:

DIMENSION 'X'	MINIMUM DISTANCE FROM EDGE TO POLE CENTER
3'-3"	SIDEWALK, WALKWAY
7'-3"	STREET, PARKING LOT

DESIGN NOTES:

- POLE LOCATION AND SPACING FOR SPECIFIC PROJECTS SHALL COMPLY WITH CMU STANDARDS.
- DESIGN ENGINEER SHALL SUBMIT POINT X POINT PRINT OUT OF PROJECT AREA TO CMU PROJECT MANAGER.
- DESIGN ENGINEER SHALL PROVIDE SPECIFIC CONDUIT AND WIRE REQUIREMENTS
- DESIGN STRUCTURAL ENGINEER SHALL REVIEW SOIL CONDITIONS AND ADJUST BASE DESIGN TO SUIT SOIL CONDITIONS
- DESIGN ENGINEER TO DETERMINE POLE BASE DEPTH BASED ON THE NUMBER OF LUMINAIRES PER POLE, WIND LOAD, AND SOIL CONDITIONS
- IF GROUND JUNCTION BOX IS REQUIRED USE QUAZITE - HUBBELL PG SERIES 11"X18"X12" MINIMUM SIZE PG1118CA00-17,36,OR 29 PG1118BA12 (LT GREEN OR GRAY) WITH TYCO WATER PROOF STREET SPLICE KITS. DESIGN ENGINEER SHALL CALL FOR EXACT GROUND J.B. LOCATIONS. GROUND J.B. SHALL BE INSTALLED IN HIGH GROUND WHICH IS NOT SUBJECT TO FLOODING. COORDINATE WITH CMU PROJECT MANAGER.
- ADDITIONAL HANDHOLE MAY BE REQUIRED FOR SECURITY CAMERA AT 8'-6" ABOVE POLE FLANGE TO CL - COORDINATE W/CMU PM FOR SECURITY CAMERA LOCATION.
- CONCRETE FOR LIGHT POLE BASES AND MAINTENANCE RINGS TO BE AIR ENTRAINED WITH A 28-DAY COMPRESSIVE STRENGTH OF 4,000 psi.



TAG NOTES:

- ID TAG TO BE ATTACHED ON SAME SIDE AS HANDHOLE

POLE ID TAG DETAIL

DRAWING SET INFO

50% SCHEMATIC DESIGN REVIEW	<input type="checkbox"/>
90% SCHEMATIC DESIGN REVIEW	<input type="checkbox"/>
50% DESIGN DEVELOPMENT REVIEW	<input type="checkbox"/>
90% DESIGN DEVELOPMENT REVIEW	<input type="checkbox"/>
50% CONSTRUCTION DOC. REVIEW	<input type="checkbox"/>
90% CONSTRUCTION DOC. REVIEW	<input type="checkbox"/>
BID AND CONSTRUCTION SET	<input type="checkbox"/>
FINAL RECORD - AS BUILT SET	<input type="checkbox"/>
FOR REFERENCE ONLY	<input type="checkbox"/>
ORIGINAL	<input type="checkbox"/>
COPY	<input type="checkbox"/>

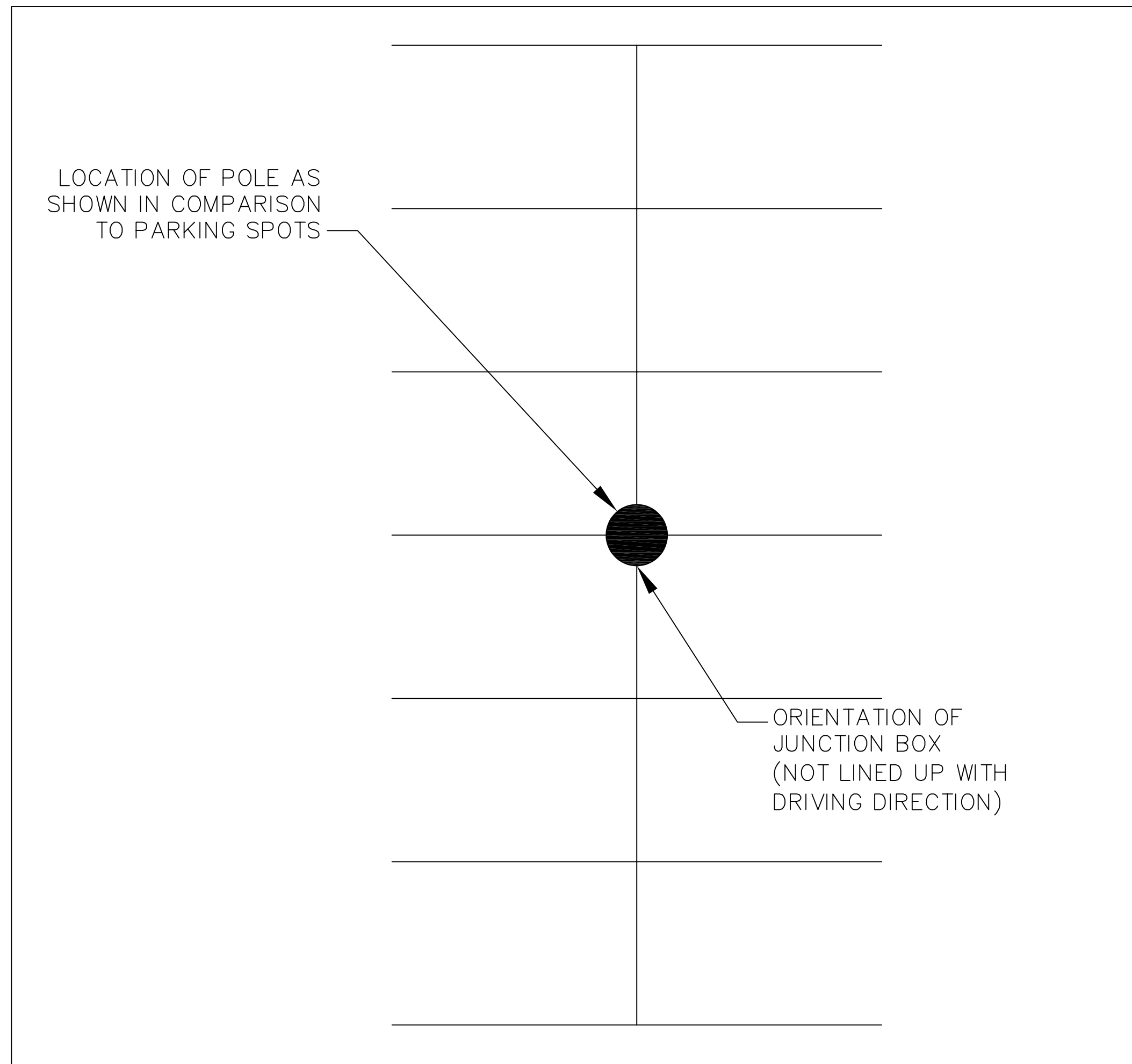
DRAWN BY: _____
CHECKED BY: _____
APPROVED BY: _____

REVISIONS

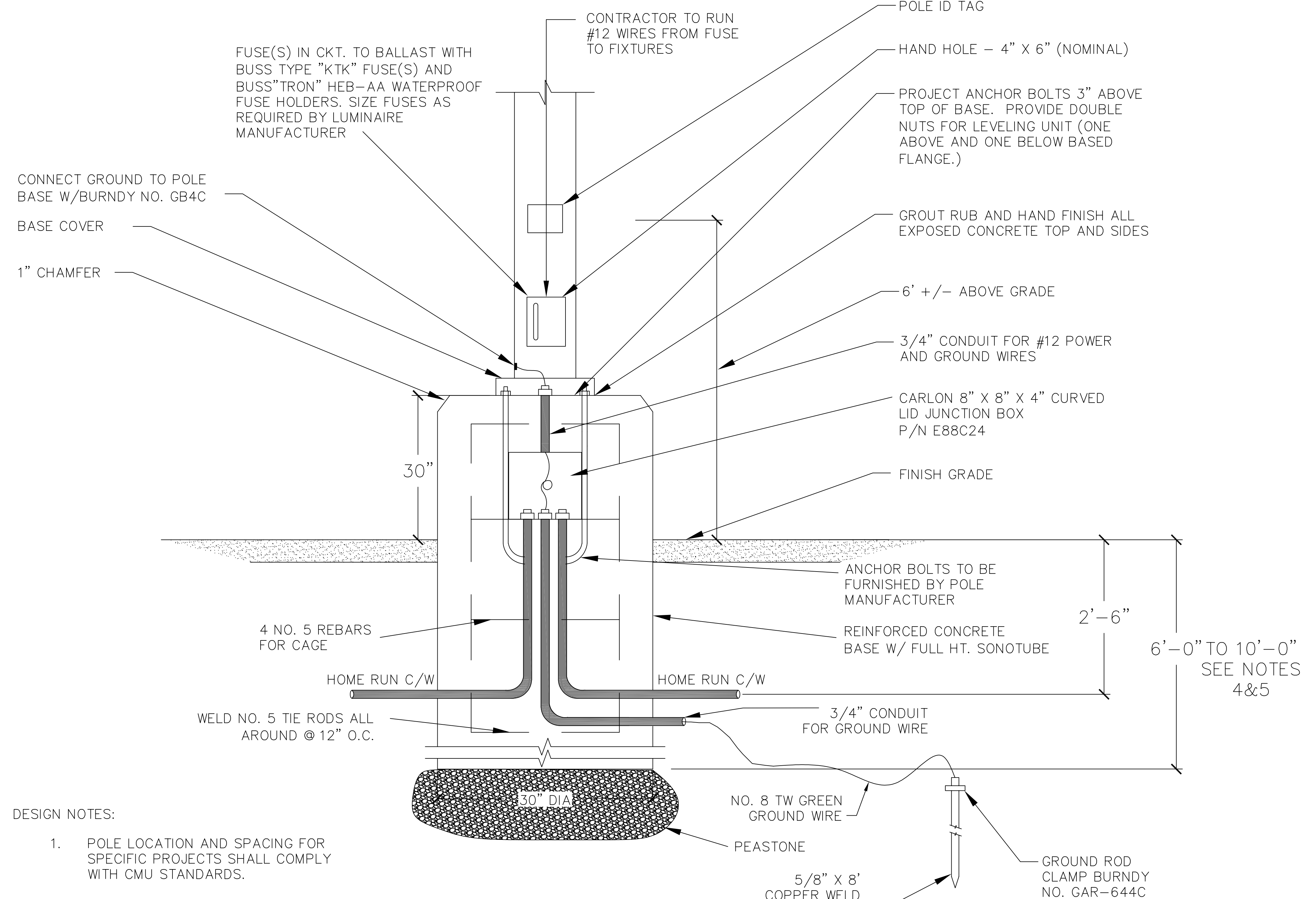
Δ	DATE	DESCRIPTION
1	8.6.14	NEW DRAWING
2		
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DWG CREATED: 8.6.14
SCALE: NTS
ACAD FILE#: _____
PLOT DATE: 8.24.06

SHEET NO.



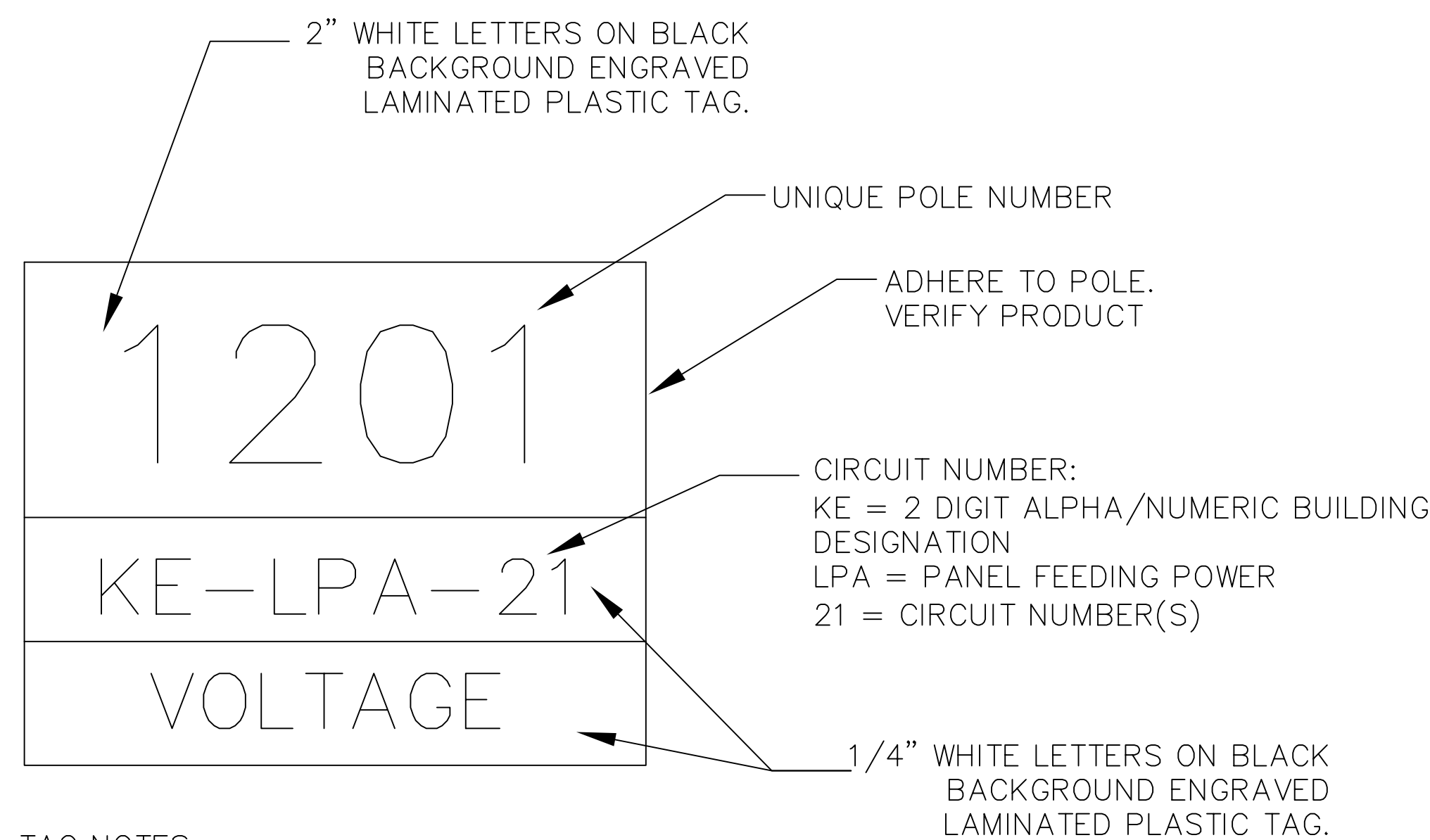
PARKING LOT ORIENTATION DETAIL
NOT TO SCALE



DESIGN NOTES:

- POLE LOCATION AND SPACING FOR SPECIFIC PROJECTS SHALL COMPLY WITH CMU STANDARDS.
- DESIGN ENGINEER SHALL SUBMIT POINT X POINT PRINT OUT OF PROJECT AREA TO CMU PROJECT MANAGER.
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- CONCRETE FOR LIGHT POLE BASSES AND MAINTENANCE RINGS TO BE AIR ENTRAINED WITH A 28-DAY COMPRESSIVE STRENGTH OF 4,000 psi
- IF GROUND JUNCTION BOX IS REQUIRED USE QUAZITE - HUBBELL PG SERIES 11"X18"X12"MINIMUM SIZE PG1118CA00-17,36,OR 29 PG1118BA12 (LT GREEN OR GRAY) WITH TYCO WATER PROOF STREET SPLICE KITS. DESIGN ENGINEER SHALL CALL FOR EXACT GROUND J.B. LOCATIONS. GROUND J.B. SHALL BE INSTALLED IN HIGH GROUND WHICH IS NOT SUBJECT TO FLOODING. COORDINATE WITH CMU PROJECT MANAGER.

30' EXTERIOR LIGHT POLE BASE DETAIL
OUTDOOR LIGHTING STANDARDS
NOT TO SCALE



TAG NOTES:

- ID TAG TO BE ATTACHED ON SAME SIDE AS HANDHOLE

POLE ID TAG DETAIL
NOT TO SCALE

DRAWING SET INFO

50% SCHEMATIC DESIGN REVIEW	<input type="checkbox"/>
90% SCHEMATIC DESIGN REVIEW	<input type="checkbox"/>
50% DESIGN DEVELOPMENT REVIEW	<input type="checkbox"/>
90% DESIGN DEVELOPMENT REVIEW	<input type="checkbox"/>
50% CONSTRUCTION DOC. REVIEW	<input type="checkbox"/>
90% CONSTRUCTION DOC. REVIEW	<input type="checkbox"/>
BID AND CONSTRUCTION SET	<input type="checkbox"/>
FINAL RECORD - AS BUILT SET	<input type="checkbox"/>
FOR REFERENCE ONLY	<input checked="" type="checkbox"/>
ORIGINAL	<input type="checkbox"/>
COPY	<input type="checkbox"/>

DRAWN BY: _____
CHECKED BY: _____
APPROVED BY: _____

REVISIONS

Δ	DATE	DESCRIPTION
1	4.23.13	Light Pole Revisions
2	5.12.14	NEW LIGHTING STANDARD
3	7.23.14	Revise Pole ID Tag
4		
5		
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7		
8		
9		
10		

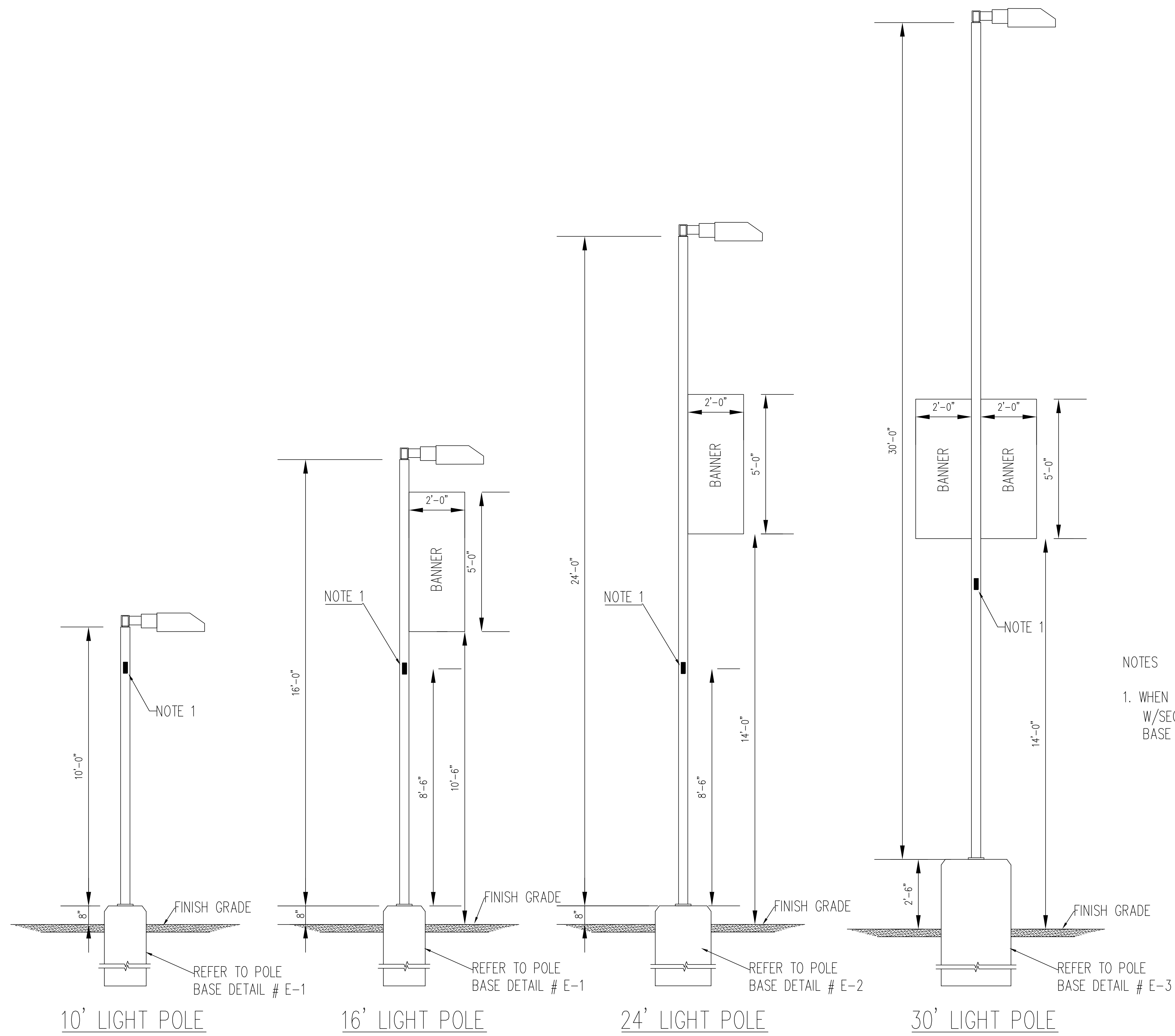
DWG CREATED 6.21.06

SCALE NTS

ACAD FILE#

PLOT DATE 7.05.06

SHEET NO.



NOTES
1. WHEN REQUIRED SPECIAL ORDER HANDHOLE W/SECURITY CAMERA. 8'-6" TO CL ABOVE POLE BASE FLANGE. COORDINATE WITH CMU PM.

LIGHT POLE MOUNTING HEIGHT DETAILS W/BANNERS

1/4" = 1'-0"

DRAWING SET INFO

50% SCHEMATIC DESIGN REVIEW	<input type="checkbox"/>
90% SCHEMATIC DESIGN REVIEW	<input type="checkbox"/>
50% DESIGN DEVELOPMENT REVIEW	<input type="checkbox"/>
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50% CONSTRUCTION DOC. REVIEW	<input type="checkbox"/>
90% CONSTRUCTION DOC. REVIEW	<input type="checkbox"/>
BID AND CONSTRUCTION SET	<input type="checkbox"/>
FINAL RECORD - AS BUILT SET	<input type="checkbox"/>
FOR REFERENCE ONLY	<input type="checkbox"/>
ORIGINAL	<input type="checkbox"/>
COPY	<input type="checkbox"/>

DRAWN BY: _____
CHECKED BY: _____
APPROVED BY: _____

REVISIONS

Δ	DATE	DESCRIPTION
1	8.6.14	NEW DRAWING
2		
3		
4		
5		
6		
7		
8		
9		
10		

DWG CREATED 8.6.14
SCALE 1/4" = 1'-0"
ACAD FILE#
PLOT DATE 8.6.14