

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



POLE BASE

CONCRETE LANDSCAPE RING

EXPANSION JOINT

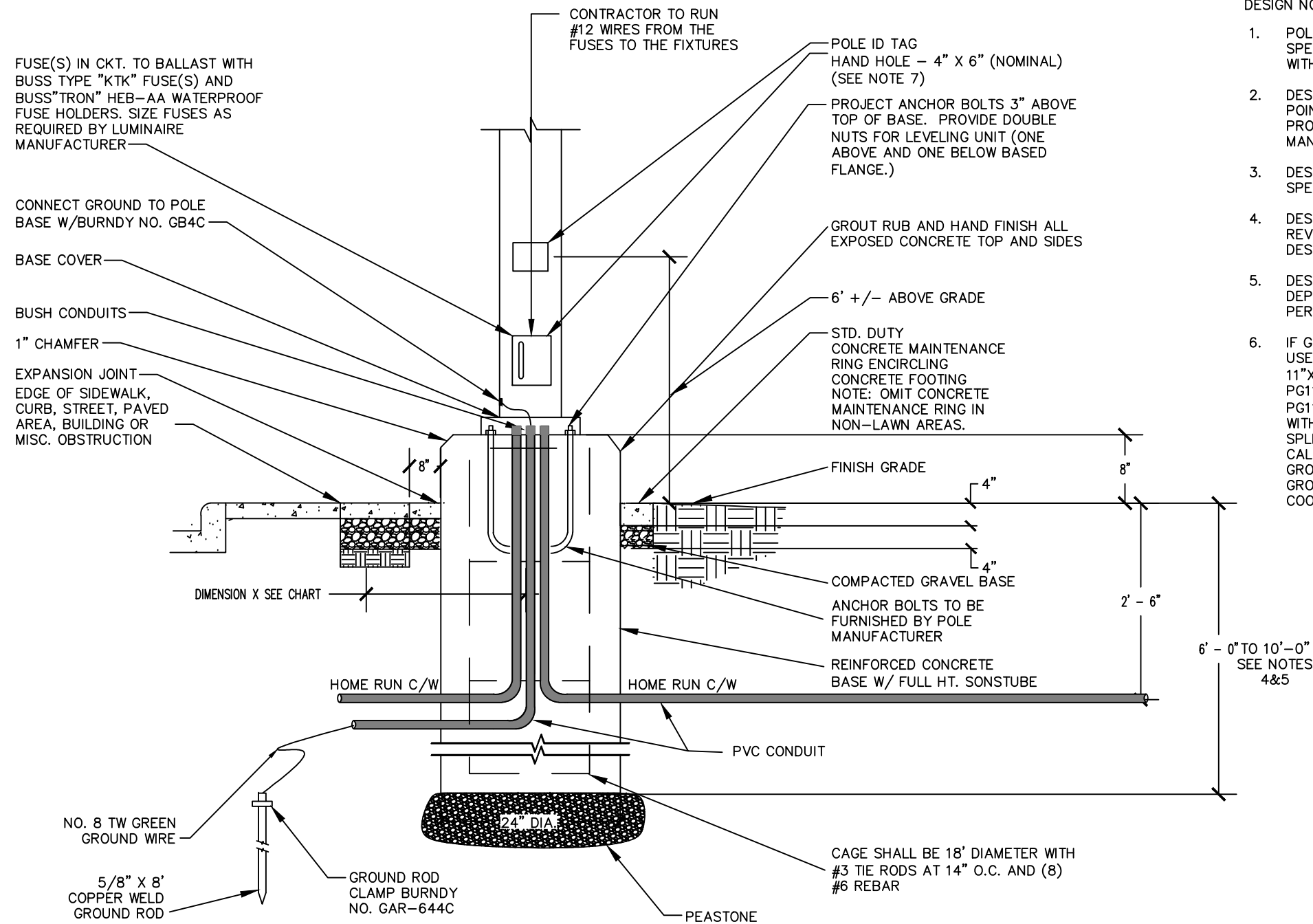
EDGE OF SIDEWALK

(2) #4 EPOXY COATED REBAR
12" LONG, 6" EMBEDMENT
IN SIDEWALK, 6" IN
MAINTENANCE RING

MAINTENANCE RING

NOT TO SCALE





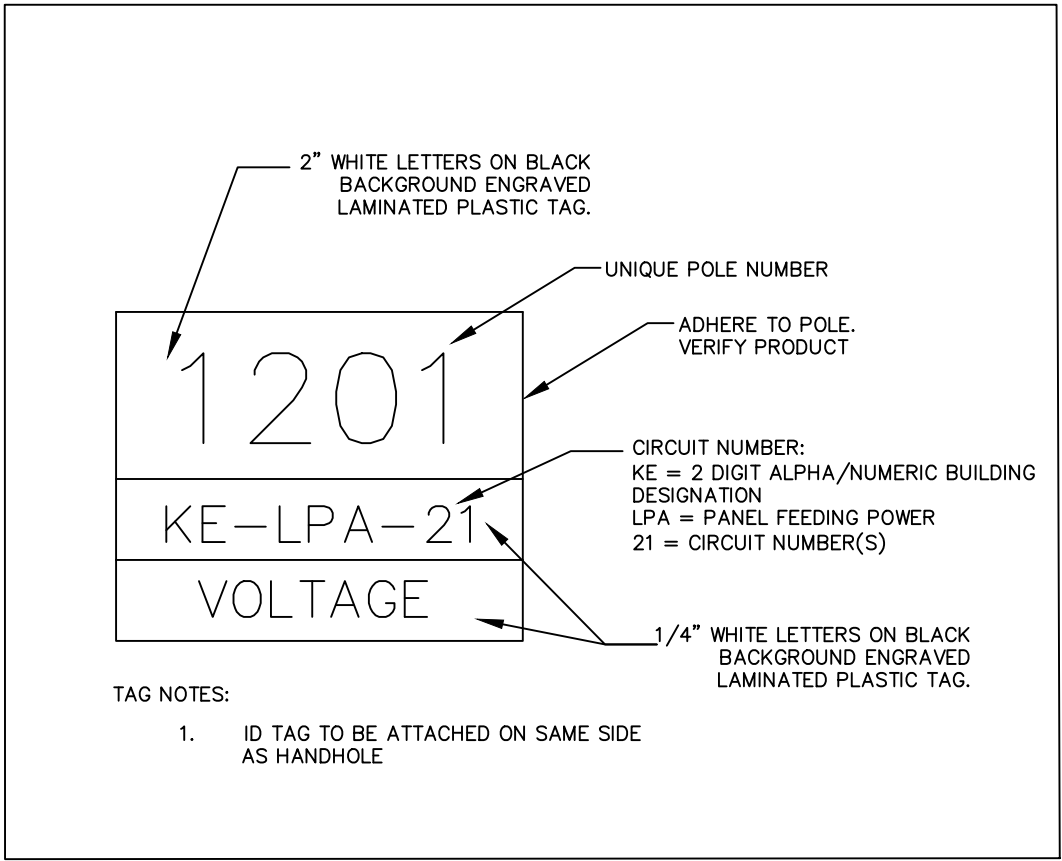
24' EXTERIOR LIGHT POLE BASE DETAIL
OUTDOOR LIGHTING STANDARDS
NOT TO SCALE

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 LUMINARIES 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 BASSES AND MAINTENANCE RINGS TO BE AIR ENTRAINED WITH A 28-DAY COMPRESSIVE STRENGTH OF 4,000 psi.



POLE ID TAG DETAIL

PLANT ENGINEERING
& PLANNING OFFICE
FACILITIES MANAGEMENT
208 COMBINED SERVICES BUILDING
MOUNT PLEASANT, MI 48859
OFFICE: (989)774-8559
FAX: (989)774-6187

CENTRAL MICHIGAN UNIVERSITY

ELECTRICAL
24' EXTERIOR LIGHTING

DRAWING SET INFO

50% SCHEMATIC DESIGN REVIEW

50% SCHEMATIC DESIGN REVIEW

50% DESIGN DEVELOPMENT REVIEW

50% DESIGN DEVELOPMENT REVIEW

50% CONSTRUCTION DOC. REVIEW

50% 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	8.6.14	NEW DRAWING
2	10.22.15	REVISED & UPDATED
3		
4		
5		
6		
7		
8		
9		
10		

DWG CREATED

8.6.14

SCALE

NTS

ACAD FILE#

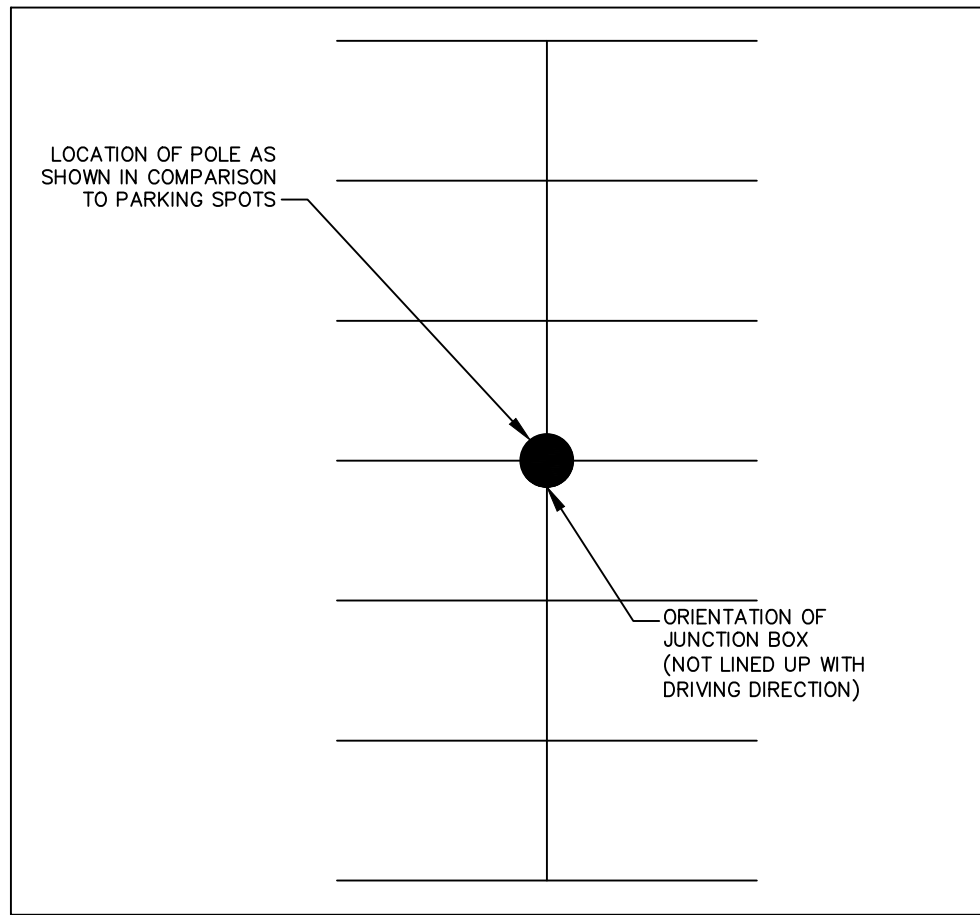
PLOT DATE

8.24.06

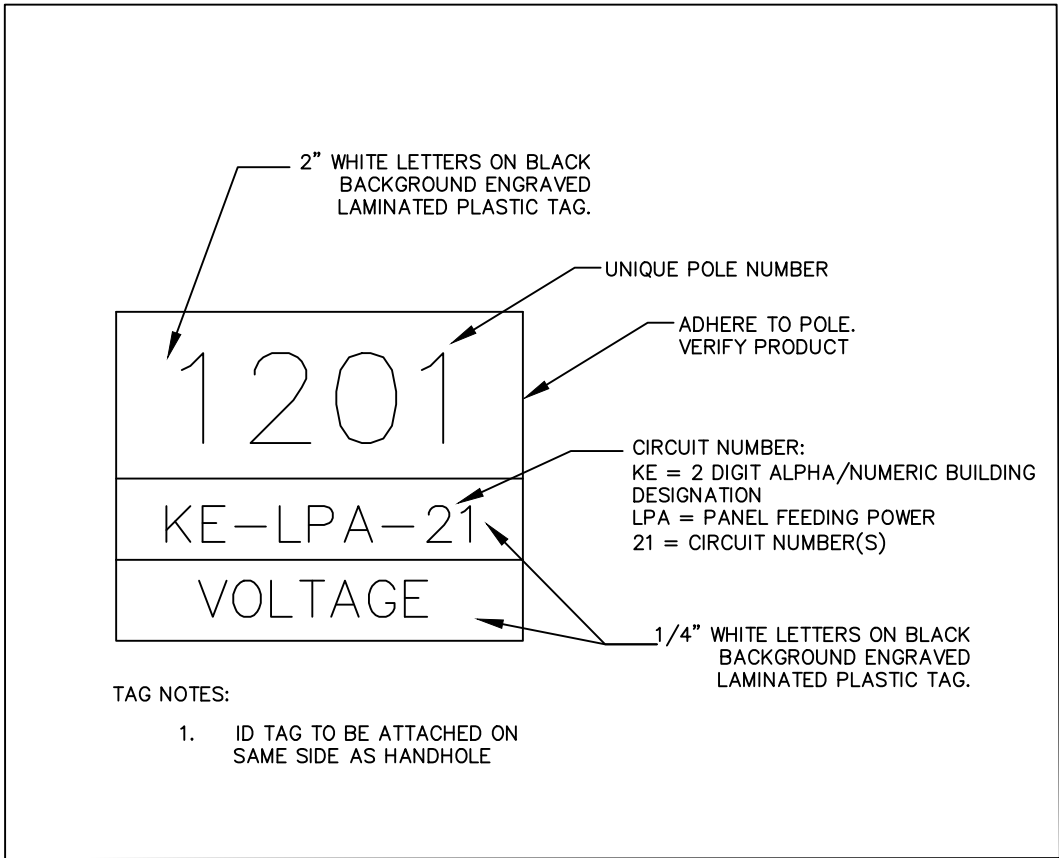
SHEET NO.

E-2

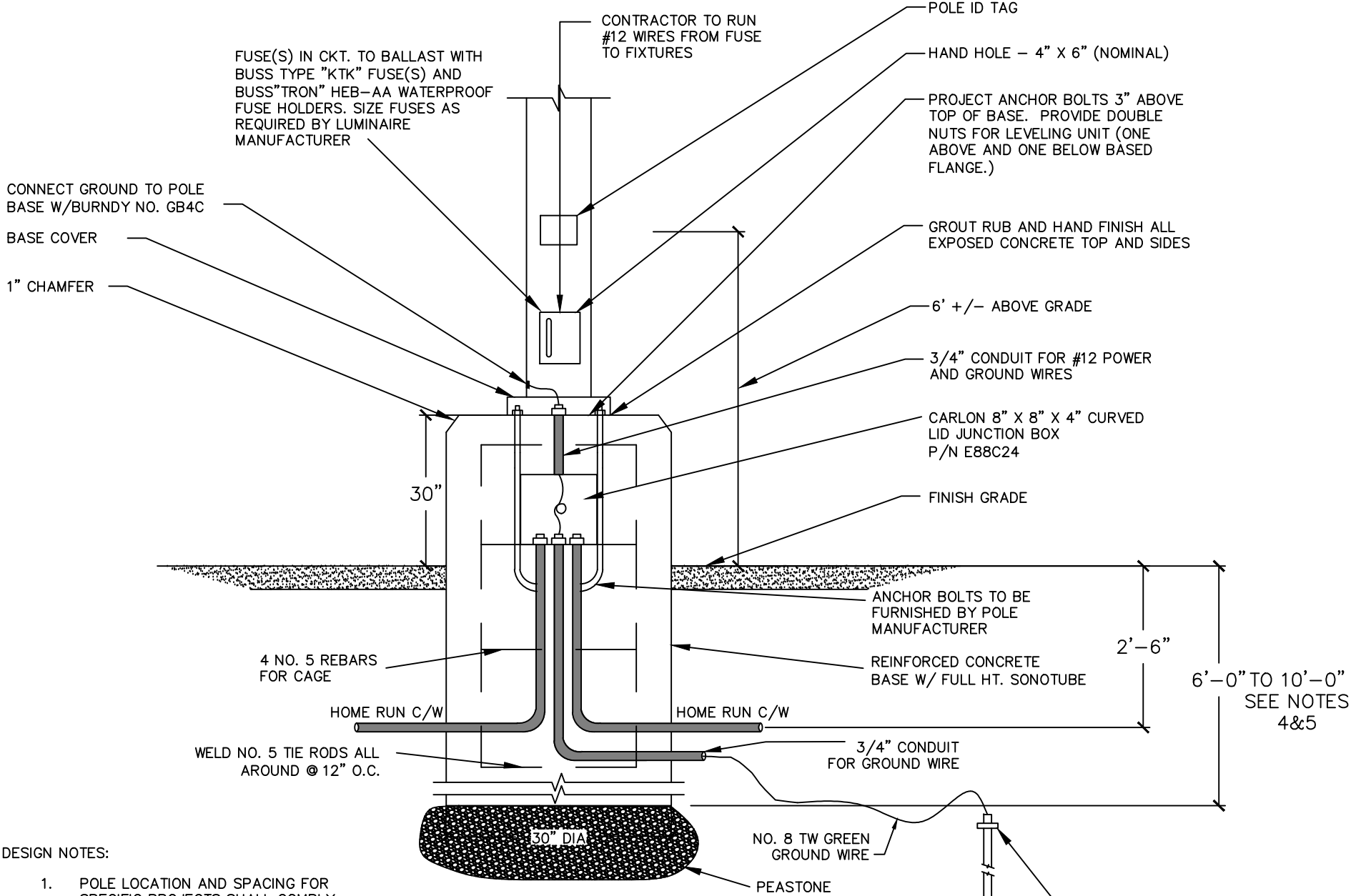
CMU PROJECT NO.



PARKING LOT ORIENTATION DETAIL
NOT TO SCALE



POLE ID TAG DETAIL
NOT TO SCALE



DESIGN NOTES:

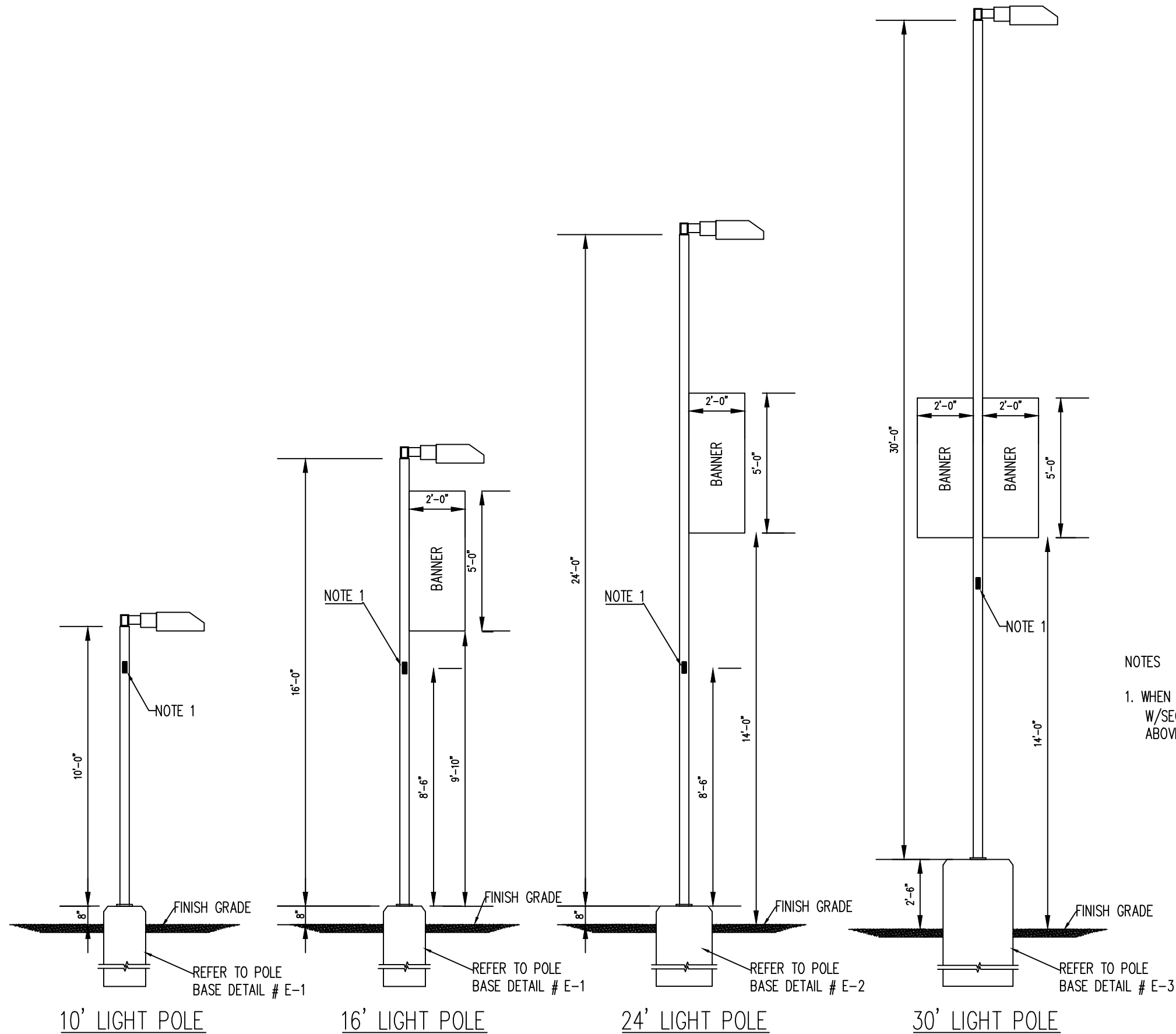
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30' EXTERIOR LIGHT POLE BASE DETAIL
OUTDOOR LIGHTING STANDARDS
NOT TO SCALE

PLANT ENGINEERING & PLANNING OFFICE
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CENTRAL MICHIGAN UNIVERSITY
ELECTRICAL
30' EXTERIOR LIGHTING

DRAWING SET INFO		
50% SCHEMATIC DESIGN REVIEW	☐	
90% SCHEMATIC DESIGN REVIEW	☐	
90% DESIGN DEVELOPMENT REVIEW	☐	
90% DESIGN DEVELOPMENT REVIEW	☐	
90% 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	Revised Pole ID Tag
4	08.22.20	REVISED & UPDATED
5		
6		
7		
8		
9		
10		
DWG CREATED 6.21.06		
SCALE NTS		
ACAD FILE#		
PLOT DATE 7.05.06		
SHEET NO.		
E-3		
CMU PROJECT NO.		



LIGHT POLE MOUNTING HEIGHT DETAILS W/BANNERS

1/4" = 1'-0"

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& PLANNING OFFICE
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CENTRAL MICHIGAN UNIVERSITY

ELECTRICAL
EXTERIOR LIGHTING POLE HEIGHT COMPARISON WITH BANNER

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

REVISIONS	
Δ	DESCRIPTION
1	8.6.14 NEW DRAWING
2	08.22.16 REVISED & UPDATED
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
SHEET NO.	

E-4

CMU PROJECT NO.