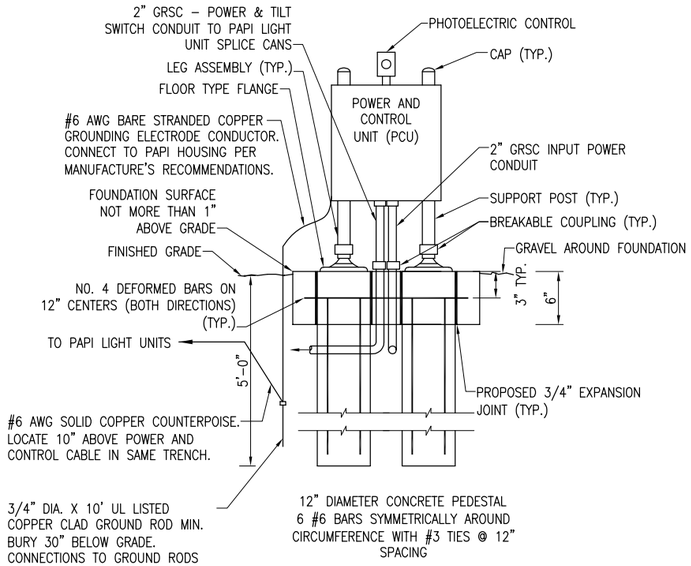
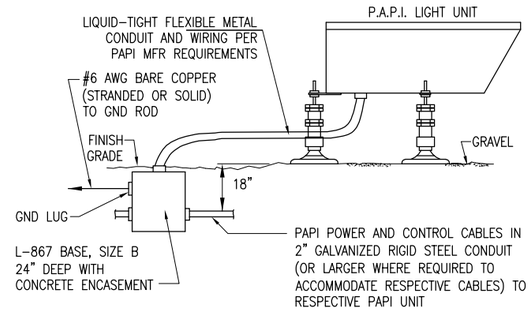
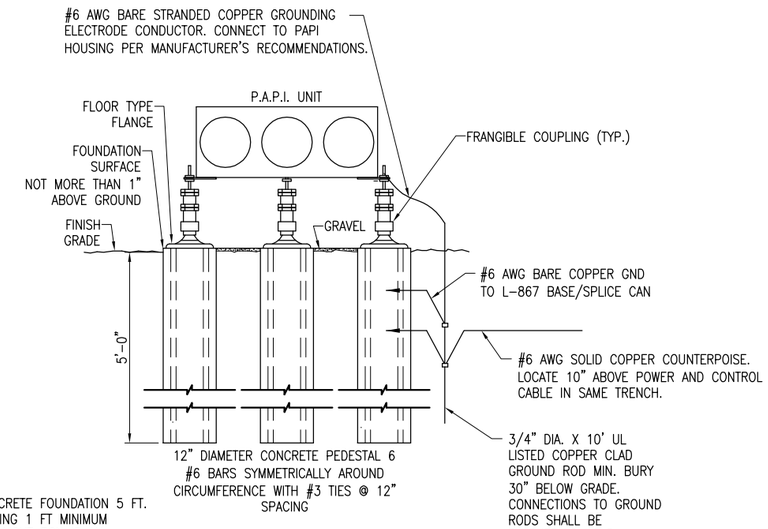


FRONT ELEVATION
POWER AND CONTROL UNIT
"NOT TO SCALE"



SIDE ELEVATION
P.A.P.I. LIGHT UNIT
"NOT TO SCALE"



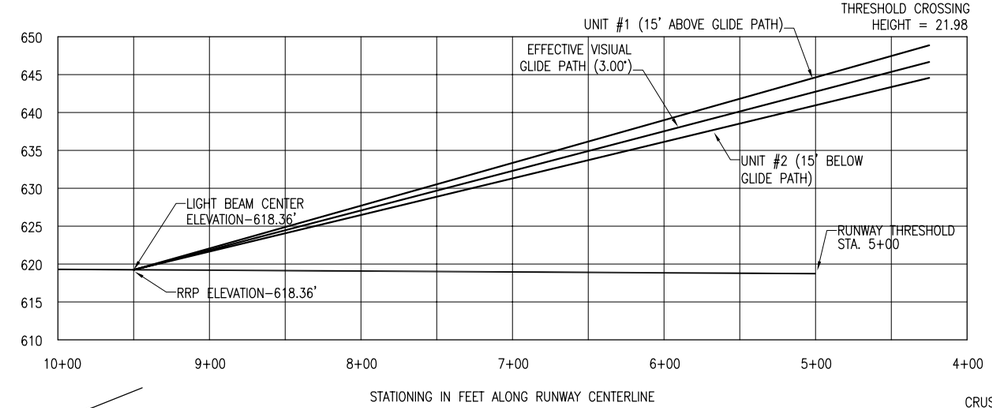
NOTE: A CONCRETE FOUNDATION 5 FT. DEEP EXTENDING 1 FT MINIMUM AROUND THE LIGHT BOX IS AN ACCEPTABLE ALTERNATIVE TO 3 OR 4 PIERS.

FRONT ELEVATION
P.A.P.I. LIGHT UNIT
"NOT TO SCALE"

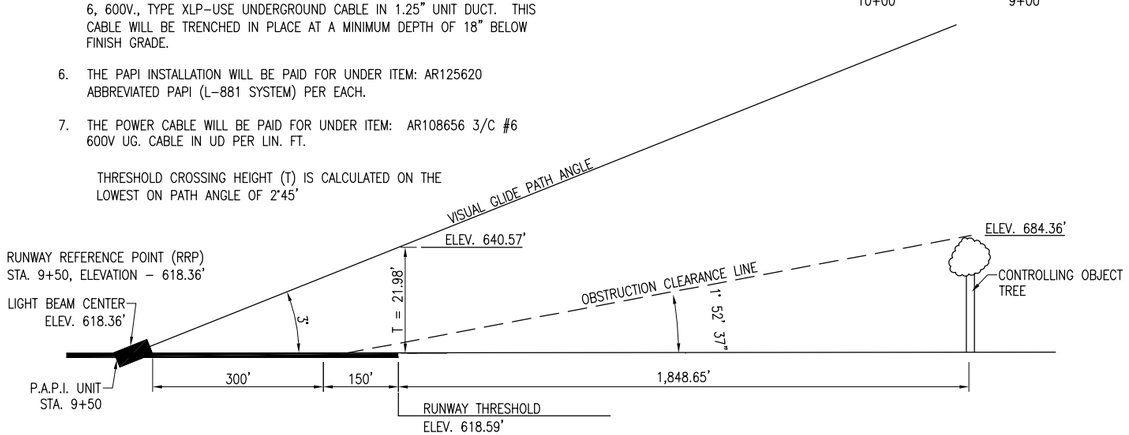
P.A.P.I. NOTES

1. THE PROPOSED PRECISION APPROACH PATH INDICATOR (PAPI) SYSTEM WILL BE PLACED AT THE LOCATION SHOWN ON THE PROPOSED ELECTRICAL PLANS.
2. THE PROPOSED CONCRETE PEDESTALS WILL BE AS DETAILED ON THIS SHEET AND/OR IN CONFORMANCE WITH THE PAPI MANUFACTURER'S DIRECTIONS, 5 FEET MIN. BELOW FINISHED GRADE. THE NUMBER OF PEDESTALS CONSTRUCTED FOR EACH PAPI UNIT WILL DEPEND ON THE UNIT SELECTED BY THE CONTRACTOR FOR INSTALLATION.
3. SIX (6") INCHES OF GRAVEL ON TOP OF BLACK PLASTIC WILL BE PLACED UNDER EACH PAPI UNIT TO HALT VEGETATION GROWTH.
4. EACH PAPI UNIT WILL BE CONSTRUCTED SUCH THAT THE BEAM CENTERS WILL BE WITHIN ±1" OF ELEVATION 618.36'.
5. THE PROPOSED POWER CABLE TO THE PAPI SYSTEM WILL BE 3-1/C NO. 6, 600V., TYPE XLP-USE UNDERGROUND CABLE IN 1.25" UNIT DUCT. THIS CABLE WILL BE TRENCHED IN PLACE AT A MINIMUM DEPTH OF 18" BELOW FINISH GRADE.
6. THE PAPI INSTALLATION WILL BE PAID FOR UNDER ITEM: AR125620 ABBREVIATED PAPI (L-881 SYSTEM) PER EACH.
7. THE POWER CABLE WILL BE PAID FOR UNDER ITEM: AR108656 3/C #6 600V UG. CABLE IN UD PER LIN. FT.

THRESHOLD CROSSING HEIGHT (T) IS CALCULATED ON THE LOWEST ON PATH ANGLE OF 2'45'

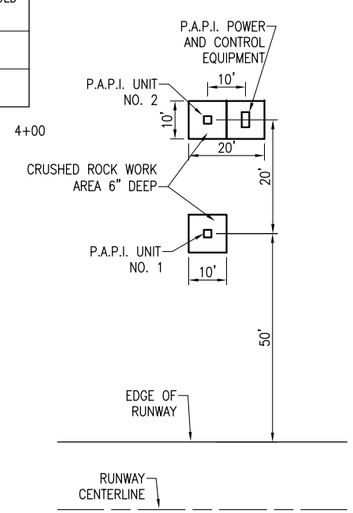


RUNWAY CENTERLINE PROFILE



P.A.P.I. AIMING DIAGRAM 36 END
"NOT TO SCALE"

PAPI DATA–RUNWAY END 36			
	P.A.P.I. UNIT #1	P.A.P.I. UNIT #2	P AND C UNIT
DISTANCE FROM RUNWAY ℄	87.5'	107.5'	107.5'
AIMING ANGLE	3'15'	2'45'	N/A
APPROXIMATE GROUND ELEVATION	616.4'	616.0'	616.0'
P.A.P.I. UNIT APERTURE ELEVATION	618.36'	618.36'	N/A



P.A.P.I. LAYOUT DETAIL
"NOT TO SCALE"

DATE	REVISION
3/8/12	UPDATED PER IDA REVIEW

SHELBY COUNTY AIRPORT
SHELBYVILLE, ILLINOIS

IL PROJ.: 2H0-4149 A.I.P. PROJ.: 3-17-0093-B11

Hanson Proj. No. 10A0047
Filename
Scale AS SHOWN
Date 02/18/12

LAYOUT	CAH	02/02/12
DRAWN	CWS	02/02/12
REVIEWED	KNL/CAH	02/23/12

HANSON

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Offices Nationwide

CONSTRUCT VAULT, LIGHT TAXIWAY & INSTALL NAVAIDS

PROPOSED PAPI DETAILS AND NOTES RUNWAY 36

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