



0 200 400
 SCALE IN FEET

CONTRACTOR SHALL RE-CONNECT EXISTING O.D.A.L.S. AND VERIFY THAT THEY ARE WORKING PROPERLY.

NEW LIGHTING CABLE FOR CIRCUIT SEPARATION (SEE NOTE No. 1 - THIS SHT.)

PROPOSED 2-WAY CONDUIT RUNWAY CROSSING (SEE DETAIL)

PROPOSED 2-WAY CONDUIT RUNWAY CROSSING (SEE DETAIL)

EXISTING 2-WAY CONDUIT RUNWAY CROSSING PROVIDE NEW PAVEMENT MARKERS AT THESE LOCATIONS.

PROPOSED 2-WAY CONDUIT RUNWAY CROSSING (SEE DETAIL)

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NEW LIGHTING CABLE FOR CIRCUIT SEPARATION (SEE NOTE No. 1 - THIS SHT.)

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O.D.A.L.S.

NEW LIGHTING CABLE FOR CIRCUIT SEPARATION (SEE NOTE No. 1 - THIS SHT.)

NEW LIGHTING CABLE FOR CIRCUIT SEPARATION (SEE NOTE No. 1 - THIS SHT.)

RUNWAY 18-36 (100' x 6000')

NEW LIGHTING CABLE FOR CIRCUIT SEPARATION (SEE NOTE No. 1 - THIS SHT.)

TAXIWAY

TAXIWAY

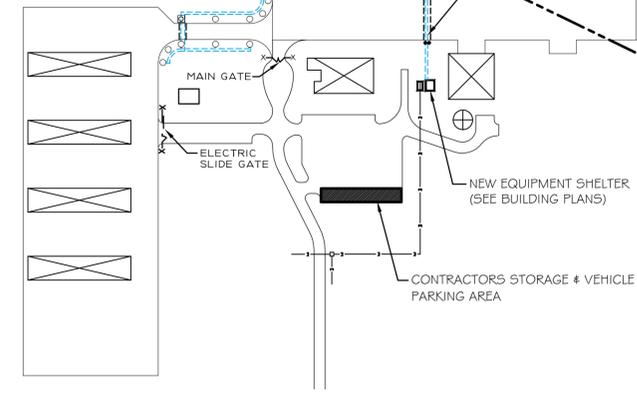
FUTURE TAXIWAY

"HOMERUN" TIE INTO EXISTING
 NEW "HOMERUN" TO RUNWAY (18-36) LIGHTING CABLE FROM NEW EQUIPMENT SHELTER (850 ± FT. PER EACH)
 EXISTING 120V BURIED POWER SUPPLY TO WINDSOCK TO REMAIN

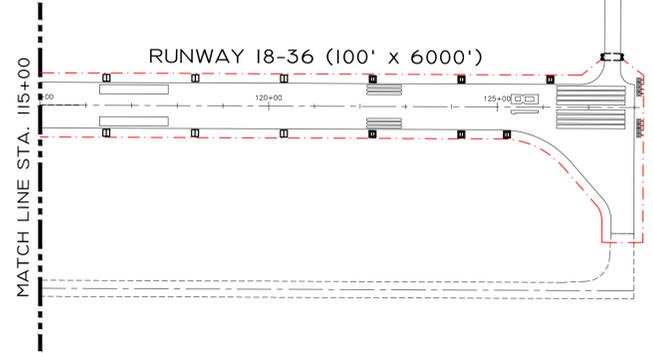
EXISTING AIRPORT LIGHTING SYSTEM "HOMERUN" CABLE TO REMAIN FOR USE AS TAXIWAY "HOMERUN". TIE INTO EXISTING CABLE AT NEAREST LIGHT FIXTURE

NEW "HOMERUN" TO RUNWAY (07-25) LIGHTING CABLE FROM NEW EQUIPMENT SHELTER (2300 ± FT. PER EACH)

"HOMERUN" TIE INTO EXISTING



- NOTE:**
1. PROVIDE NEW LIGHTING CIRCUIT CABLE AS REQUIRED TO ESTABLISHED INDIVIDUAL CIRCUIT SEPARATION. ALL NEW CABLE REQUIRED FOR THIS SEPARATION AS WELL AS REQUIRED CONNECTORS SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE. ESTIMATED CABLE REQUIRED, EXCLUDING HOMERUNS, (6500 ± LF). CABLE SHALL BE 1/2" #8, 5kv., UG WITH L-823 PRIMARY CONNECTOR KITS (STYLE 3 + 10) SEE SPECIAL PROVISIONS.
 2. CONTRACTOR SHALL PROVIDE NEW RWY/TWY LIGHT FIXTURES TO BE INSTALLED AS REQUIRED IN FIELD (INCIDENTAL). FIXTURES NOT USED SHALL BE TURNED OVER TO THE AIRPORT.



- LEGEND**
- RUNWAY (18-36) LIGHTING CIRCUIT 1/2" #8 5kv UG CABLE IN UNIT DUCT
 - RUNWAY (07-25) LIGHTING CIRCUIT 1/2" #8 5kv UG CABLE IN UNIT DUCT
 - TAXIWAY LIGHTING CIRCUIT 1/2" #8, 5kv, UG CABLE IN UNIT DUCT
 - EXISTING CONCRETE ENCASED DUCT
 - PROPOSED 2-WAY CONDUIT RUNWAY CROSSING
 - EXISTING MEDIUM INTENSITY TAXIWAY LIGHT (STAKE MOUNTED)
 - EXISTING MEDIUM INTENSITY TAXIWAY LIGHT (BASE MOUNTED)
 - EXISTING MEDIUM INTENSITY RUNWAY LIGHT (STAKE MOUNTED)
 - EXISTING MEDIUM INTENSITY RUNWAY LIGHT (BASE MOUNTED)
 - EXISTING TAXIWAY GUIDANCE SIGN
 - ▲ EXISTING REILS
 - EXISTING O.D.A.L.S.
 - EXISTING THRESHOLD LIGHTS
 - LA INDICATES LOCATION OF FIELD LIGHTNING ARRESTOR INSIDE BASE FIXTURE (TYP. 6 PLACES)

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DRAWN BY: Tim H	REVISIONS			
CHECKED BY: RJC	LEVEL	BY	DATE	DESCRIPTION
DATE: NOVEMBER 2012				

CHAMLIN ASSOCIATES
 PERU MORRIS ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT (VYS)
 SEPARATE RUNWAY CIRCUITS
 AND CONSTRUCT VAULT**
 PERU, ILLINOIS

PROPOSED AIRPORT LIGHTING LAYOUT PLAN

CONSTRUCTION PLANS

CURRENT AS OF: 11/16/2012	
SCALE: As Noted	SHEET 5
FILE NO.: 1000.96	OF 10