

NOTES :

1. THE REIL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ABOVE DETAIL AND INSTRUCTIONS PROVIDED BY THE EQUIPMENT MANUFACTURER AND SHALL COMPLY WITH TYPICAL REIL LAYOUT GUIDELINES IN ADVISORY CIRCULAR 150/5340-30A.
2. THE BEAM CENTERLINE OF EACH LIGHT UNIT SHALL BE AIMED 15° OUTWARD FROM A LINE PARALLEL TO THE RUNWAY CENTERLINE AND INCLINED AT AN ANGLE 10° ABOVE THE HORIZONTAL.
3. A MINIMUM 12" WIDTH OF CONCRETE SHALL EXTEND BEYOND THE OUTER LIMITS OF ALL COMPONENTS OF THE REIL UNIT.

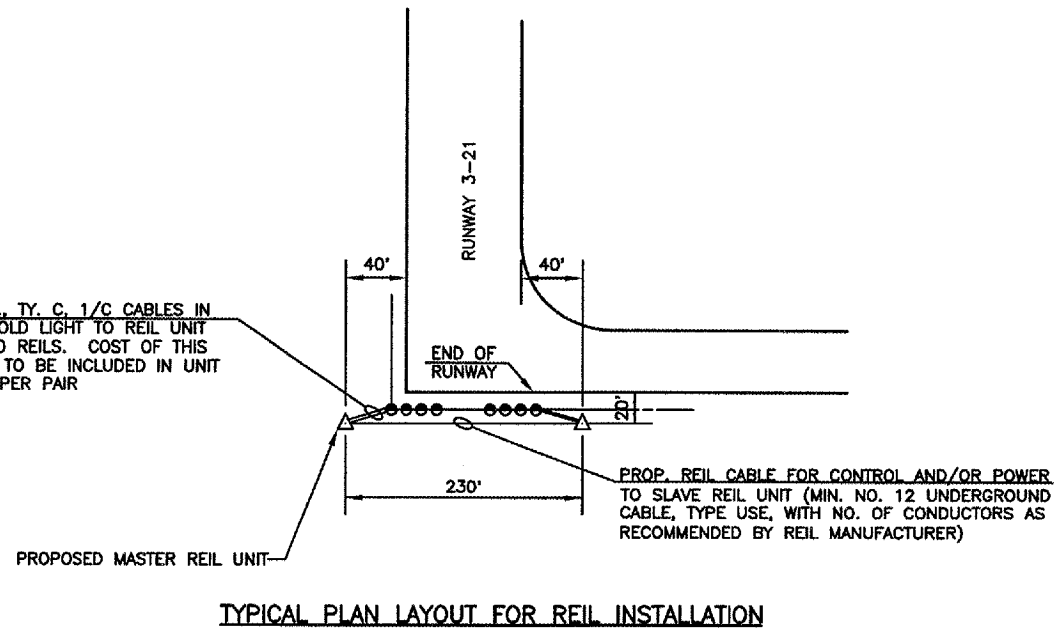
TYPICAL REIL UNIT INSTALLATION

GENERAL NOTE : MASTER UNIT AND SLAVE UNIT ARE INSTALLED ON IDENTICAL FOUNDATIONS WITH AN L-830-1 TRANSFORMER ALSO INSTALLED IN THE MASTER UNIT SIZE D STEEL BASE.

NOTES :

1. TAXIWAY CIRCUIT AND RUNWAY CIRCUIT CABLES ARE LOCATED BETWEEN THE EDGE LIGHTS AND THRESHOLD LIGHTS THAT ARE 10' FROM THE EDGE OF THE PAVEMENT END AND EDGE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE CABLES IN THE WORK AREAS FOR REIL SYSTEM INSTALLATION AND MAKE HIS OWN DETERMINATION AS TO THE NUMBER OF CABLES EXISTING AND AS TO THE CIRCUIT THAT THE CABLES ARE ASSOCIATED WITH. CAUTION SHALL BE EXERCISED WHEN TRENCHING, ETC. TO AVOID CUTTING THE LIGHTING CIRCUIT CABLES. ANY CABLE DAMAGED SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
2. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCK OUT THE EDGE LIGHTING CIRCUIT WHILE PERFORMING WORK ON OR NEAR SAID CIRCUIT. THE CIRCUIT SHALL BE LOCKED OUT TO INCLUDE AND INSURE THAT THE CIRCUIT CANNOT BE ENERGIZED MANUALLY OR BY THE RADIO CONTROL SYSTEM WHILE WORK IS BEING DONE.
3. RUNWAY 3-21 SHALL BE CLOSED TO AIR TRAFFIC WHEN THE TRENCHING, CABLE INSTALLATION AND CONCRETE BACKFILL FOR THE REIL UNITS ARE BEING PERFORMED.
4. ALL UNDERGROUND CABLE AND ITS INSTALLATION FOR POWER AND CONTROL TO THE REIL UNITS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR REILS-PER PAIR.

INSTALL 2-NO. 8, 5KV, TY. C, 1/C CABLES IN TRENCH FROM THRESHOLD LIGHT TO REIL UNIT FOR POWER SUPPLY TO REILS. COST OF THIS POWER SUPPLY CABLE TO BE INCLUDED IN UNIT PRICE BID FOR REILS-PER PAIR



TYPICAL PLAN LAYOUT FOR REIL INSTALLATION

GENERAL NOTE

THE DETAILS SHOWN FOR THE REIL UNIT BASES AND REIL POWER SUPPLY AND CONTROL WIRING ARE INTENDED FOR ILLUSTRATIVE INFORMATION PURPOSES. ACTUAL BASE DETAILS AND WIRING CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURER OF THE EQUIPMENT BEING FURNISHED. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OF THE REIL INSTALLATION TO THE PROJECT ENGINEER FOR ACCEPTANCE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

GALESBURG MUNICIPAL AIRPORT GALESBURG, ILLINOIS	
REIL SYSTEM DETAILS	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
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