



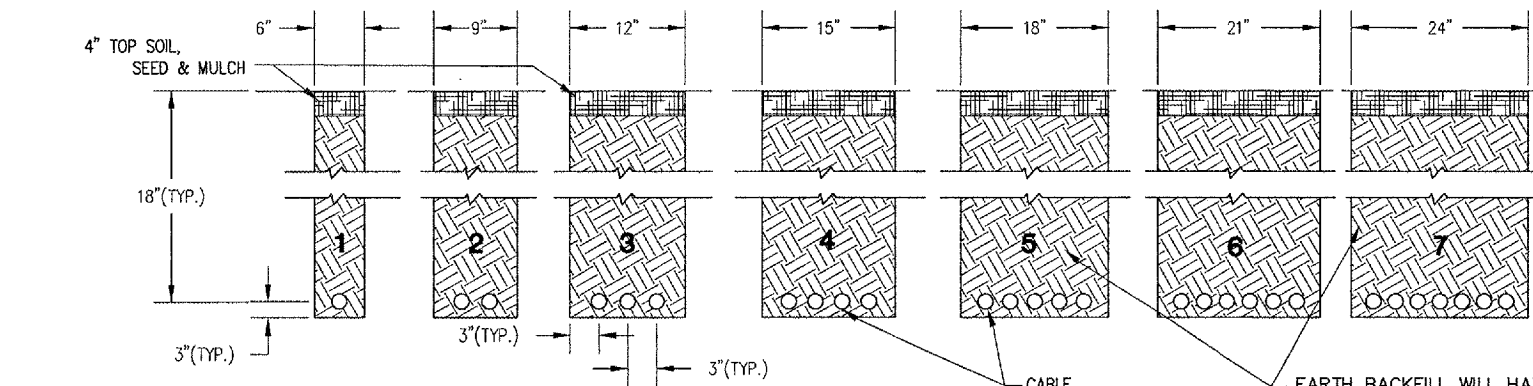
CITY OF DIXON, ILLINOIS

Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

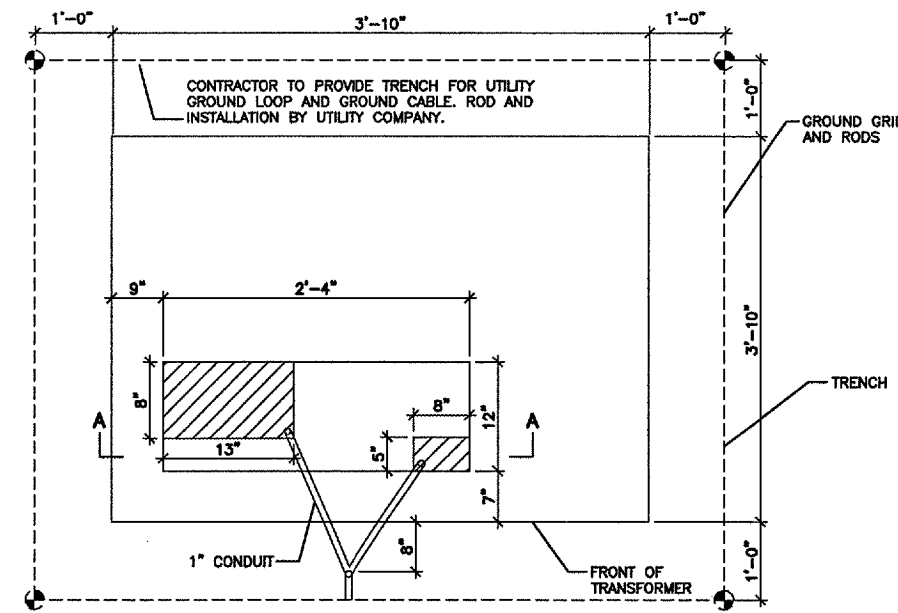
CONSTRUCT REPLACEMENT  
AIRFIELD ELECTRICAL VAULT

AIP PROJECT NO. 3-17-0036-B8  
IDA PROJECT NO. C73-3548

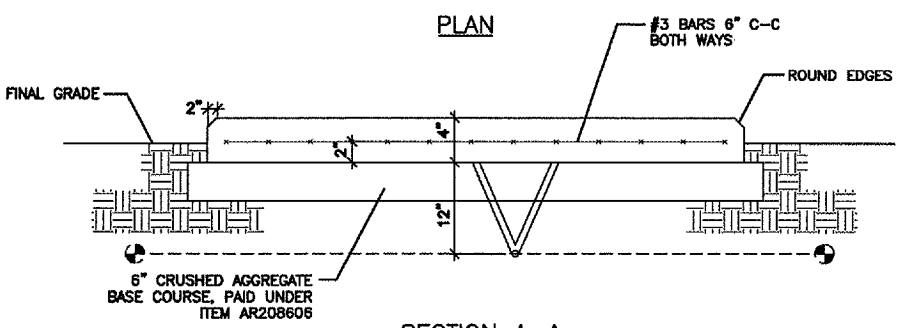


**NOTES:**  
1. DETAIL NUMBERS INDICATE NO. OF CABLES.  
2. TRENCHES WITH MORE THAN SEVEN CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE; IF SPECIFIED ON PLANS TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.  
3. DEPTH OF TRENCHES SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS.  
4. ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO TRENCH. RETURFING MATERIALS AND RATES MAY BE SHOWN ON THE PLANS.

**CABLE TRENCHES**  
(NOT TO SCALE)



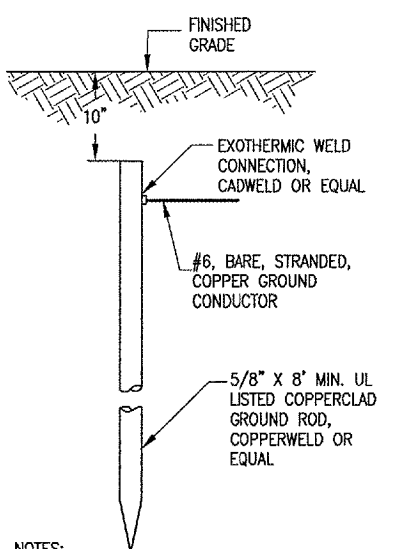
**PLAN**



**SECTION A-A**

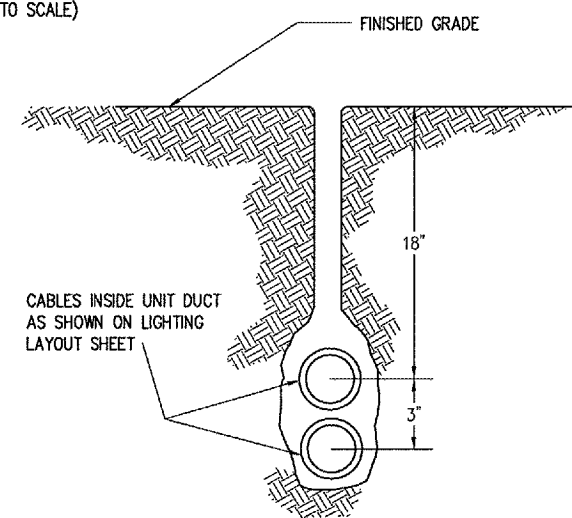
**NOTES:**  
1. ALL WORK EXCEPT AGGREGATE BASE SHALL BE PAID UNDER ITEM AR110600. AGGREGATE BASE PAID UNDER ITEM AR208606.  
2. CONCRETE PAD MAY BE CAST IN PLACE OR PRECAST.  
3. SEE SPECIAL PROVISIONS.

**CONCRETE UTILITY PAD**  
AR110600

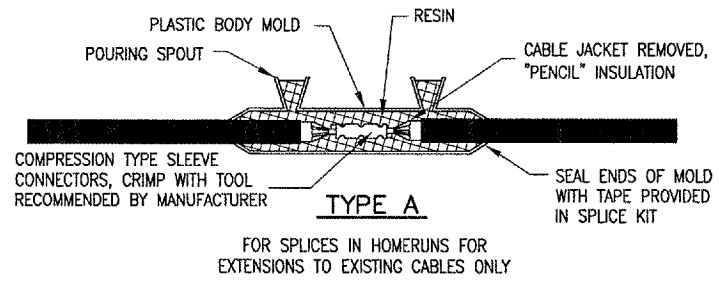


**NOTES:**  
1. TYPE AND MINIMUM NUMBER OF GROUND RODS SHALL BE AS SPECIFIED ON THE PLAN.  
2. THE RESISTANCE TO GROUND OF THE GROUNDING SYSTEM SHALL NOT EXCEED 25 OHMS.  
3. COST OF GROUND RODS IS INCIDENTAL TO THE ASSOCIATED ITEMS REQUIRING GROUNDING UNLESS OTHERWISE SPECIFIED.  
4. GROUND RODS SHALL NOT BE SPACED LESS THAN ONE ROD LENGTH APART.

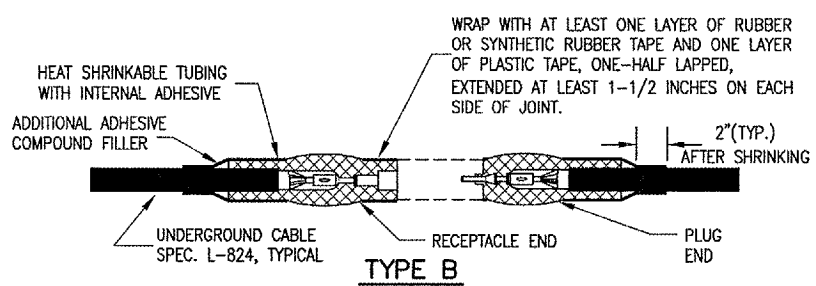
**GROUND ROD**  
(NOT TO SCALE)



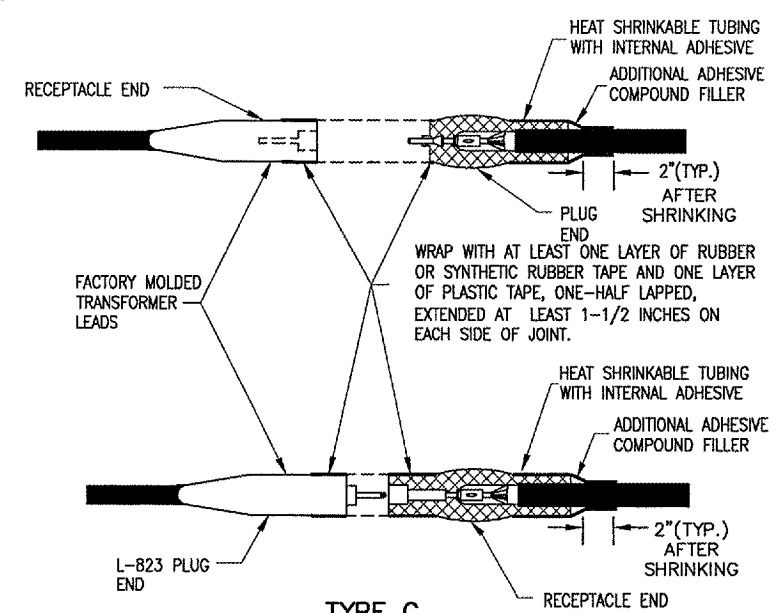
**PLOWED CABLE**  
(NOT TO SCALE)



**TYPE A**  
FOR SPLICES IN HOMERUNS FOR EXTENSIONS TO EXISTING CABLES ONLY



**TYPE B**  
FOR SPLICES AT JUNCTION OF HOMERUN WITH LOOP CIRCUIT



**TYPE C**  
FOR SPLICES AT RUNWAY LIGHTS

**NOTES:**  
SEE LIGHTING LAYOUT SHEET(S) FOR SPLICE TYPE.  
INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE.

**CABLE SPLICES**  
(NOT TO SCALE)

No.	Drawing Issue	Description	Date	By

Date  
JUNE 23, 2006  
Sheet Title

**ELECTRICAL DETAILS**  
**SHEET 2**

843-05C8010  
Project Number

KNL	05/22/06
Layout By	Date
KNL	05/22/06
Designed By	Date
RMH	06/23/06
Reviewed By	Date
MV	---
Drawn By	---

**E19**