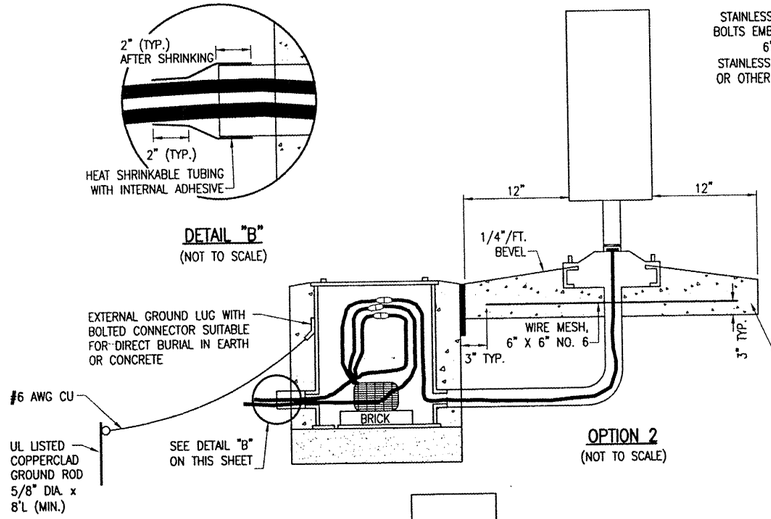
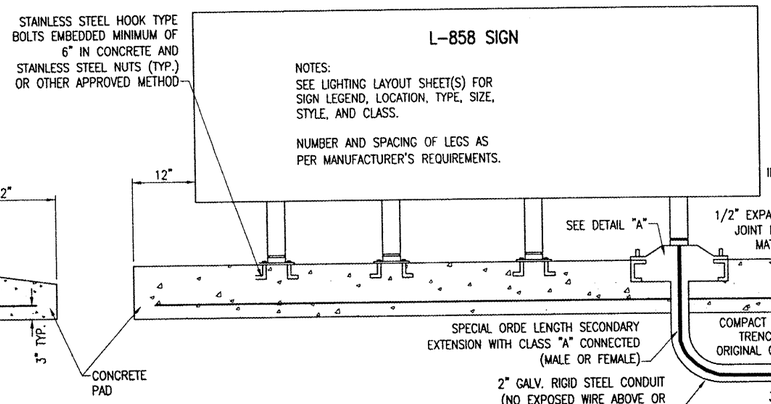
*****




DETAIL "B"
(NOT TO SCALE)

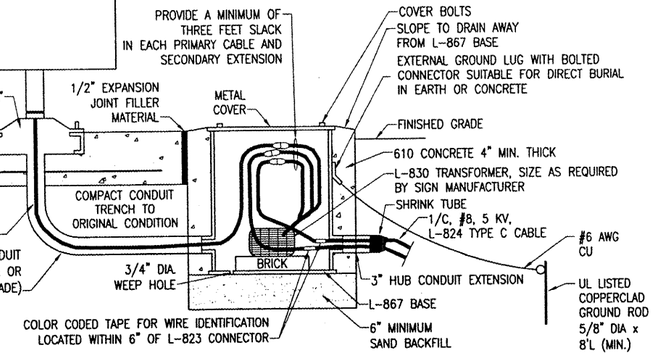


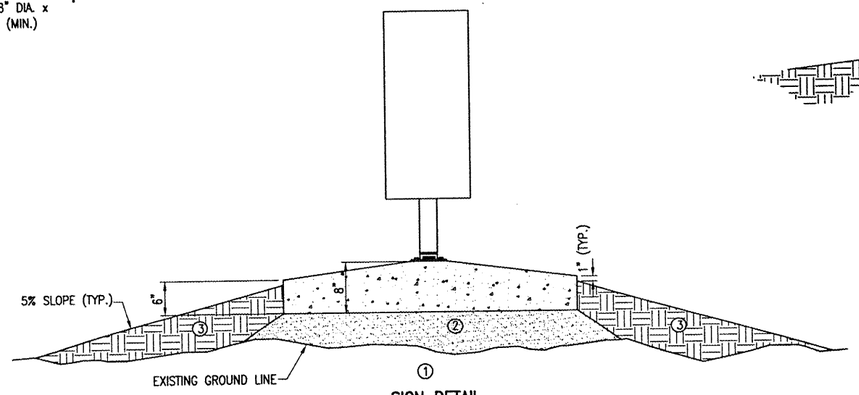

OPTION 2
(NOT TO SCALE)




OPTION 1
(NOT TO SCALE)

THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.



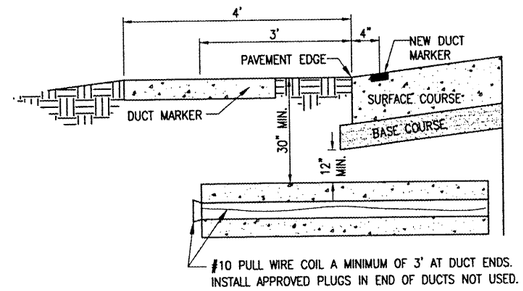




SIGN DETAIL
(NOT TO SCALE)

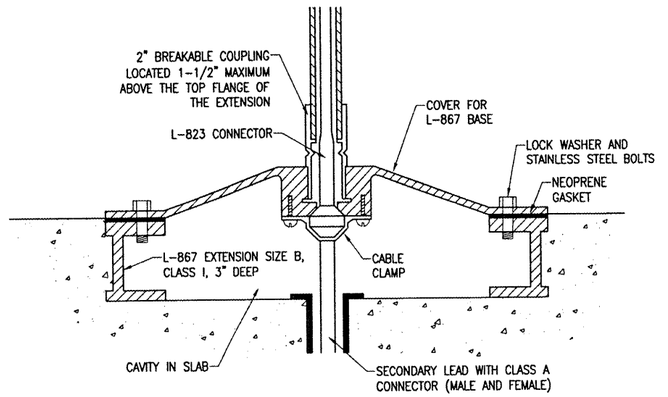
① EXISTING SOD TO BE STRIPPED AND REMOVED

② SAND BACKFILL, VARIABLE DEPTH

③ PROPOSED TOPSOIL BACKFILL MATERIAL




UNDERGROUND ELECTRICAL DUCT
(NOT TO SCALE)



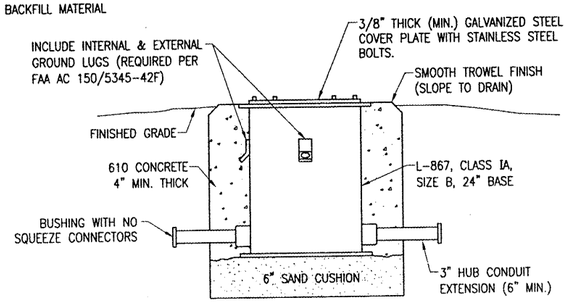

DETAIL "A"
(NOT TO SCALE)

## GENERAL NOTES

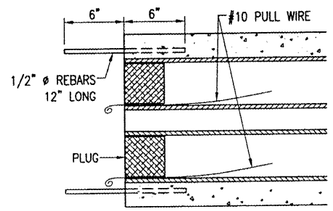
SEE LIGHTING LAYOUT SHEET FOR SIGN LEGEND, LOCATION, TYPE, SIZE, STYLE, AND CLASS.

SEE SHEETS 28 THROUGH 29 FOR ELECTRICAL NOTES.

PER FAA AC 150/5340-30C DESIGN AND INSTALLATION DETAILS FOR AIRPORT VISUAL AIDS, A SAFETY GROUND MUST BE INSTALLED AT EACH LIGHT FIXTURE. A SAFETY GROUND SHALL BE INSTALLED AT EACH STAKE MOUNTED LIGHT AND EACH TRANSFORMER BASE/LIGHT CAN ASSOCIATED WITH RUNWAY LIGHTS, TAXIWAY LIGHTS, AND LIGHTED TAXI GUIDANCE SIGNS. THE SAFETY GROUND SHALL BE A #6 AWG BARE COPPER CONDUCTOR CONNECTED TO THE GROUND LUG ON THE RESPECTIVE L-867 TRANSFORMER BASE/LIGHT CAN OR MOUNTING STAKE AND A ⅝-INCH DIAMETER BY 8-FOOT LONG (MINIMUM) UL LISTED COPPER CLAD GROUND ROD.




TRANSFORMER BASE/SPLICE CAN DETAIL
(NOT TO SCALE)




TYPICAL SECTION
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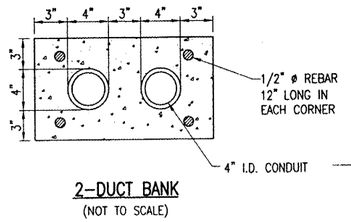
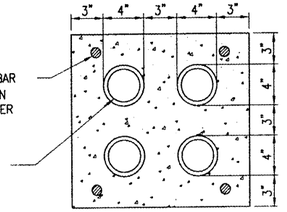



2-DUCT BANK
(NOT TO SCALE)




4-DUCT BANK
(NOT TO SCALE)

METROPOLIS MUNICIPAL AIRPORT
METROPOLIS, ILLINOIS

IL. PROJ.: M30-3760 A.I.P. PROJ.: 3-17-0067-B9

| DATE | REVISION | BY |
|---|---|---|
| | | |

HGI Project No. 07A01280.0800
Filename R-541ELE.DWG
Scale N/A
Date 03/21/08

| | | |
|---|---|---|
| LAYOUT | KNL | 01/24/08 |
| DRAWN | MV | 01/24/08 |
| REVIEWED | CAH | 03/18/08 |

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

PROPOSED PARTIAL PARALLEL TAXIWAY

PROPOSED ELECTRICAL DETAILS SHEET 1

25

25 of 35 sheets

APR 23, 2008 7:47 AM HAGL000382
J:\AIRPORTS\METROPOLIS\07A0128\CAD\SHEETS\R-541ELE.DWG - ELECTRICAL DETAILS