

**UNDERDRAIN NOTES**

THE CONTRACTOR SHALL INSTALL THE PROPOSED 4" P.E. TUBING UNDERDRAINS TO THE DEPTH AND GRADES SHOWN ON THIS SHEET. THE UNDERDRAINS SHALL BE INSTALLED AFTER THE AGGREGATE HAS BEEN COMPLETED.

THE 4" P.E. TUBING SHALL BE CAPPED AT THE ENDS WHICH DO NOT CONNECT INTO STRUCTURES.

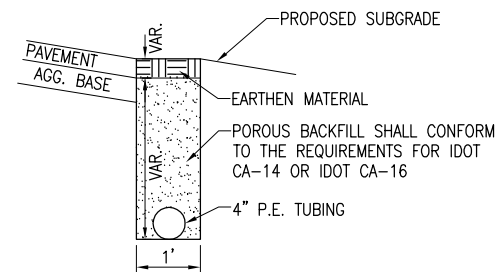
THE TRENCH SHALL BE BACKFILLED AND COMPACTED WITH POROUS BACKFILL CA-14 OR CA-16 MATERIAL. THE TRENCH LOCATED IN THE PROPOSED PAVEMENT AREAS WILL BE BACKFILLED AS SHOWN IN THE DETAIL ON THIS SHEET. THE TRENCH LOCATED IN TURF AREAS SHALL BE BACKFILLED UP TO WITHIN 6 IN. OF THE EXISTING GROUND ELEVATION. THE REMAINING 6 IN. OF TRENCH WILL BE BACKFILLED AND COMPACTED WITH EARTH MATERIAL.

THE POROUS BACKFILL SHALL COMFORM TO THE REQUIREMENTS FOR IDOT CA-14 OF IDOT CA-16 AND IS INCIDENTAL TO THE 4" PERFORATED UNDERDRAIN ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONNECTION TO THE EXISTING 6" PVC WILL BE CONSIDERED INCIDENTAL TO THE "4" PERFORATED UNDERDRAIN ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED UNDERDRAINS AND BACKFILL MATERIAL WILL BE PAID FOR UNDER THE FOLLOWING ITEMS:

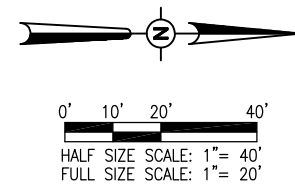
AR705524 "4" PERFORATED UNDERDRAIN / WITH SOCK -PER L.F.



**UNDERDRAIN DETAIL**  
 "NOT TO SCALE"

**LEGEND**

- EXISTING PAVEMENT
- EXISTING PVC
- EXISTING FIBER OPTIC LINE
- EXISTING GAS MAIN
- EXISTING CONDUIT
- PROPOSED PAVEMENT
- PROPOSED 4" PERFORATED UNDERDRAIN
- EXISTING PAVEMENT GRADES



<b>SO081</b>	BY CAH	REVISION	DATE	04/01/08	REVISED PIPE NOTES						
<b>SOUTHERN ILLINOIS AIRPORT</b> MURPHYSBORO / CARBONDALE, ILLINOIS											
Hanson Project No. 11A0037D_0001 Filename: R-131DRN.DWG Scale: 1" = 30' Date: 04/20/2012											
LAYOUT		JSL		03/27/2012		DRAWN		CWS		03/27/2012	
REVIEWED		CAH		04/16/2012		PROJECT		MDH-4173		IL	
<b>HANSON</b> Professional Services Inc. 323 New North Murphysboro, IL 62966 Offices Nationwide											
CONSTRUCT PERIMETER ROAD TO SUPPORT ARFF/SRE BUILDING PROPOSED DRAINAGE PLAN STA. 53+00 TO TAXIWAY											
13											
13 of 51 sheets											