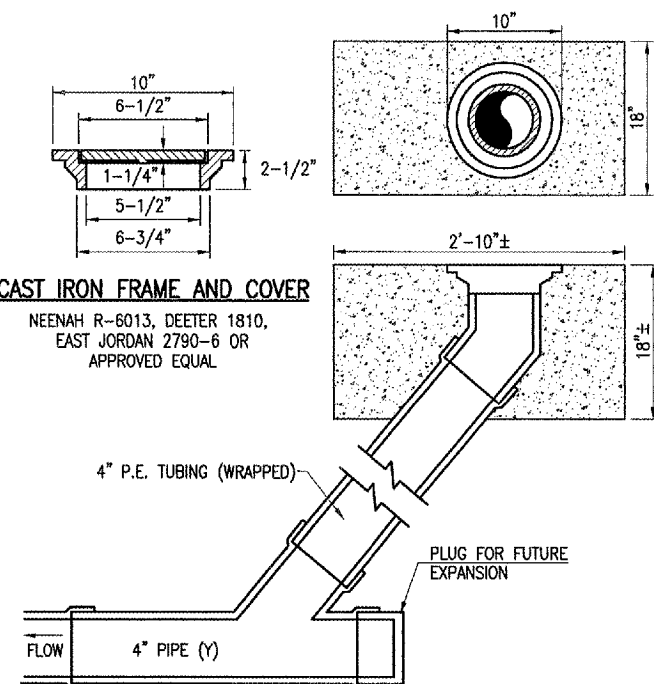


**INSPECTION HOLE NOTES**

DIAMETER OF PIPE AS SPECIFIED.  
 TOP OF INSPECTION HOLES SHALL BE 0.15' LESS THAN THE ADJACENT PAVEMENT.  
 1/2" CHAMFER TO BE USED ON ALL EXPOSED EDGES OF INSPECTION HOLES.  
 THE CONCRETE SHALL BE STRUCTURAL PORTLAND CEMENT CONCRETE (NON- REINFORCED)

**CAST IRON FRAME AND COVER**

NEENAH R-6013, DEETER 1810, EAST JORDAN 2790-6 OR APPROVED EQUAL



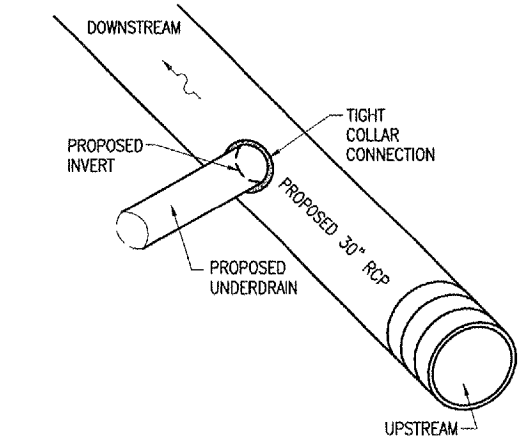
**CLEANOUT HOLE-TYPE B**

TAXIWAY "B4"

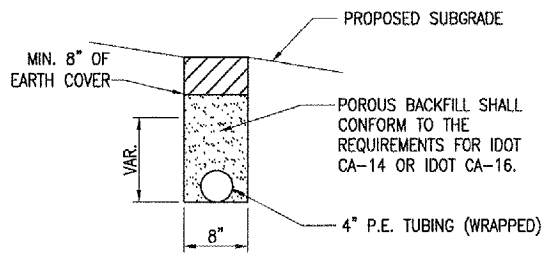
RUNWAY 12L/30R

TAXIWAY "A"

MIDCOAST APRON



**UNDERDRAIN CONNECTION DETAIL**  
 "NOT TO SCALE"



**UNDERDRAIN DETAIL**  
 NOT TO SCALE

PROPOSED INSPECTION HOLE TYPE B TAXIWAY "A4" STA. 906+34, 74' LT. TOP ELEV. 408.80 FLOW ELEV. 406.97

PROPOSED INSPECTION HOLE TYPE B TAXIWAY "A" STA. 303+74, 30.5' RT. TOP ELEV. 405.90 FLOW ELEV. 404.07

PROPOSED 30" FES TAXIWAY "A4" STA. 907+75.82 75.21' LT. FLOW ELEV. 401.95

PROPOSED 30" RCP CLASS IV 152 L.F. @ 0.16%

PROPOSED 30" FES TAXIWAY "A4" STA. 907+97.68 75.21' RT. FLOW ELEV. 401.70

**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 LIME SUBGRADE PROCESSING 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 NO. 1 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 8 INCHES. OF THE EXISTING GROUND ELEVATION. THE REMAINING 8 INCHES. OF TRENCH WILL BE BACKFILLED AND COMPACTED WITH EARTH MATERIAL.

THE POROUS BACKFILL SHALL COMFORM TO THE REQUIREMENTS FOR IDOT CA-14 OR IDOT CA-16.

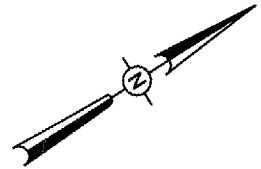
THE CONNECTION TO THE PROPOSED 30" RCP WILL BE CONSIDERED INCIDENTAL TO THE "4" PERFORATED UNDERDRAIN W/SOCK" ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

- AR705411 "POROUS BACKFILL NO. 1" \_\_\_\_\_ PER C.Y.
- AR705524 "4" PERFORATED UNDERDRAIN W/SOCK" \_\_\_\_\_ PER L.F.

**LEGEND**

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED 4" PERFORATED UNDERDRAIN W/SOCK
- PROPOSED 30" RCP
- PROPOSED UNDERDRAIN INSPECTION HOLE
- PROPOSED FLARED END SECTION



0' 15' 30' 60'  
 FULL SIZE SCALE: 1" = 30'  
 HALF SIZE SCALE: 1" = 60'

DATE	REVISION	BY

**SAINT LOUIS DOWNTOWN AIRPORT**  
 A Division of St. Louis Development Agency  
 I.L. PROJ.: 3-17-0039-817

DES. DRAW. NO. 84507TXD 0800	LAYOUT	JAC	01/19/07
PROJECT R-131DRN.DWG	DRAWN	BAK	01/19/07
SCALE 1"=30'	REVIEWED	CAH	01/26/07
DATE 01/19/07			

**HANSON**  
 Hanson Professional Services Inc.  
 4227 Earth City Expressway, Suite 130  
 St. Louis, MO 63045-1308  
 Offices Nationwide

**CONSTRUCT TAXIWAY "A4"**  
**PROPOSED DRAINAGE PLAN**

APR 18, 2007 1:28 PM BAK  
 I:\AIRPORTS\ST. LOUIS DOWNTOWN\84507TXD\REPORT SHEETS\3-131DRN.DWG - DRAINAGE PLAN