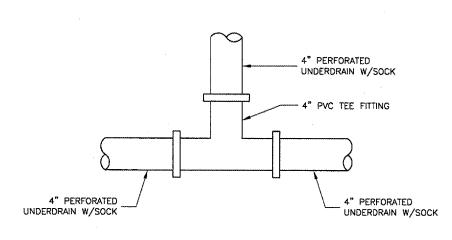


UNDERDRAIN INSTALLATION AT

EDGE OF EXISTING ATPS DETAIL

N.T.S.



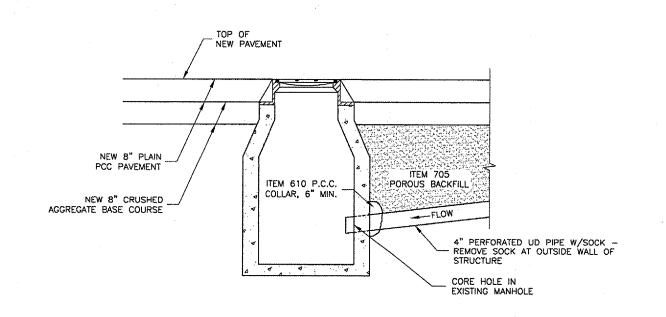
3-WAY UNDERDRAIN CONNECTION DETAIL

18" SQUARE OR ROUND MATCH EXISTING 2'-6" (TYPICAL) SHAPE NEW LID NEW INSPECTION REMOVE EXISTING LID FRAME R-6013 NEENAH NEW ITEM 610 OR APPROVED EQUAL. #4 REBAR STRUCTURAL CONCRETE (4 SIDES) 3/4" CHAMFER -TYPICAL ALL SIDES NEW GRADELINE OF STRUCTURE PROPOSED SHOULDER EMBANKMENT (TYP.) BITUMINOUS/ CONCRETE ADJUSTMENT DIMENSION VARIES PER LOCATION. THE PROPOSED FRAME TOP ELEVATION IS DETERMINED BY THE OVERLAY DIMENSIONS AND SLOPES SHOWN. EXISTING PAVEMENT PROPOSED GRADELINE NEW SHOULDER EXISTING GRADELINE EMBANKMENT (TYP.) NEW 1/2" GALVANIZED
ANCHOR — FOUR PER ADJUSTMENT EXISTING GRADELINE NEW 1/2" DIAMETER -CONCRETE ANCHOR, FOUR PER ADJUSTMENT NEW 6" INSIDE DIAMETER NON-PERFORATED P.V.C. PIPE EXISTING INSPECTION FRAME EXISTING P.C.C. TO REMAIN IN PLACE EXISTING INSPECTION HOLE (TYPE A) OR CLEANOUT (TYPE B) METHOD OF CONSTRUCTION 1.) ADJUST SHOULDERS TO GRADE. 2.) EXCAVATE CLEANOUT/INSPECTION HOLE AND ADJUST TO PROPER

3.) BACKFILL EXCAVATED MATERIAL.

CLEANOUT/INSPECTION HOLE ADJUSTMENT -

IN TURF DETAIL



DIRECT CONNECTION DETAIL
N.T.S.

REVISIONS

NUMBER BY DATE

0 1 2

THIS BAR IS EQUAL TO 2"
AT FULL SCALE (34X22).

K:\ChampaignAp\030590302 Apron Rehab 2\Draw\

PLOT DATE: 4/17/2008 7:56 PM

FILE: UDDET.dwg
UPDATE BY: Sean Smith

PHASE OF ILLINOIS
AIRPORT REHABILITATE AIR CARRIER RAMP, DETAIL UNDERDRAIN UNIVERSITY (ō SMS

DESIGN BY: SMS

DRAWN BY: CMT

CHECKED BY: SMS

APPROVED BY: SMS

DATE: 04/18/2008

JOB No: 0305903 CMI-3663 3-17-0016-XX

SHEET 39 OF 57 SHEETS