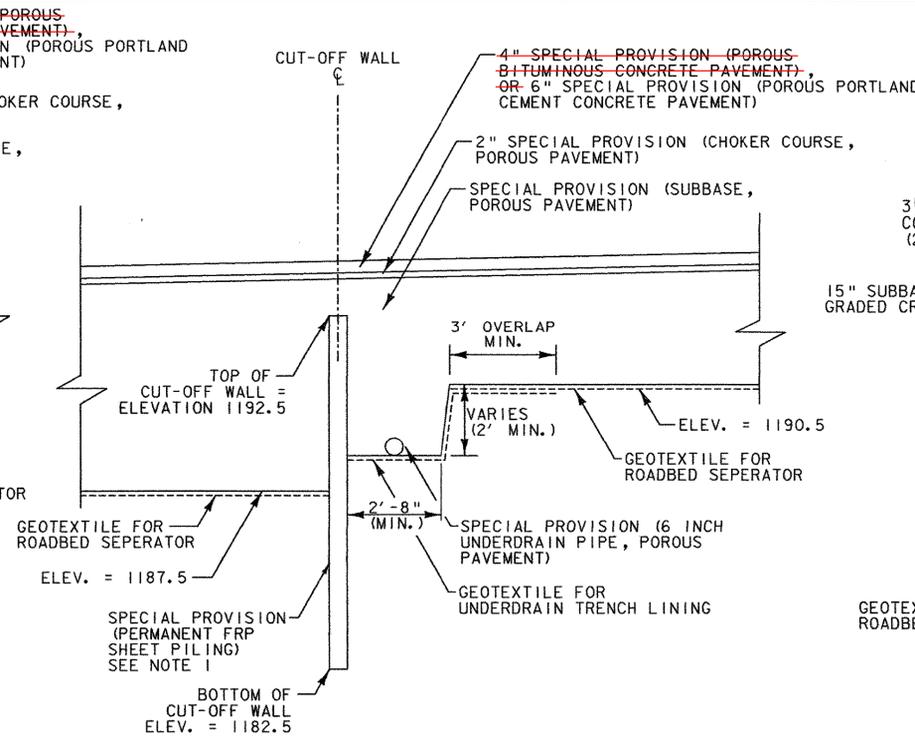


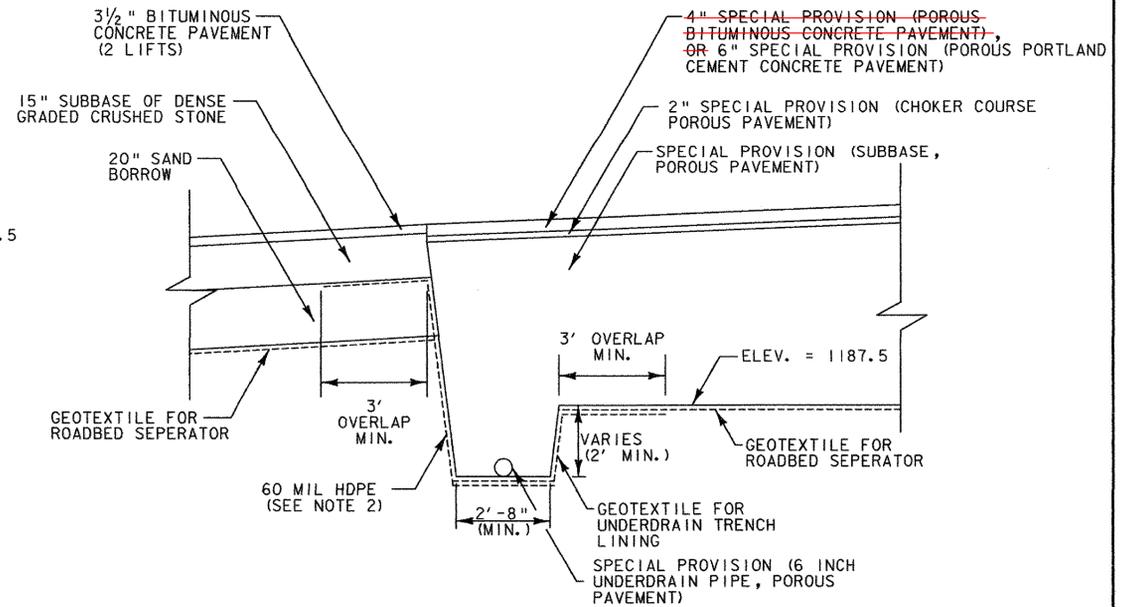
**POROUS PAVEMENT UNDERDRAIN
DETAIL 'A'**

STA. 21+83, LT. TO STA. 22+87, LT.
STA. 22+06, RT. TO STA. 23+26, LT.
NOT TO SCALE



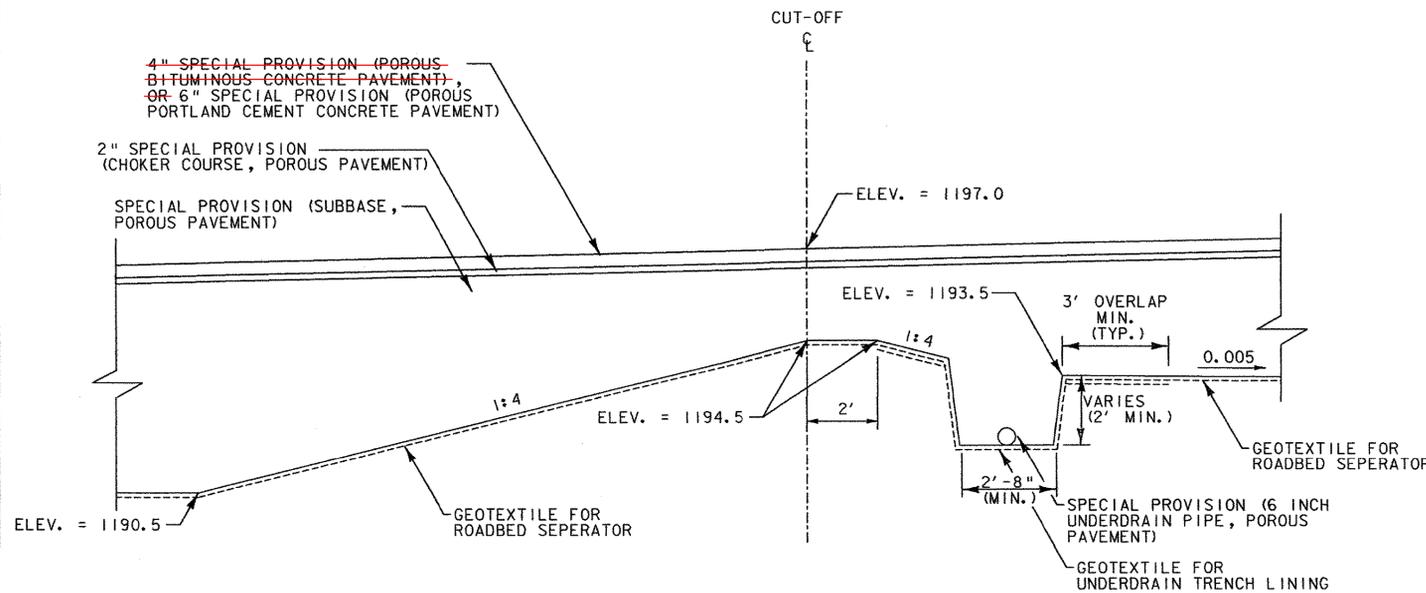
**POROUS PAVEMENT UNDERDRAIN
DETAIL 'B'**

NOT TO SCALE



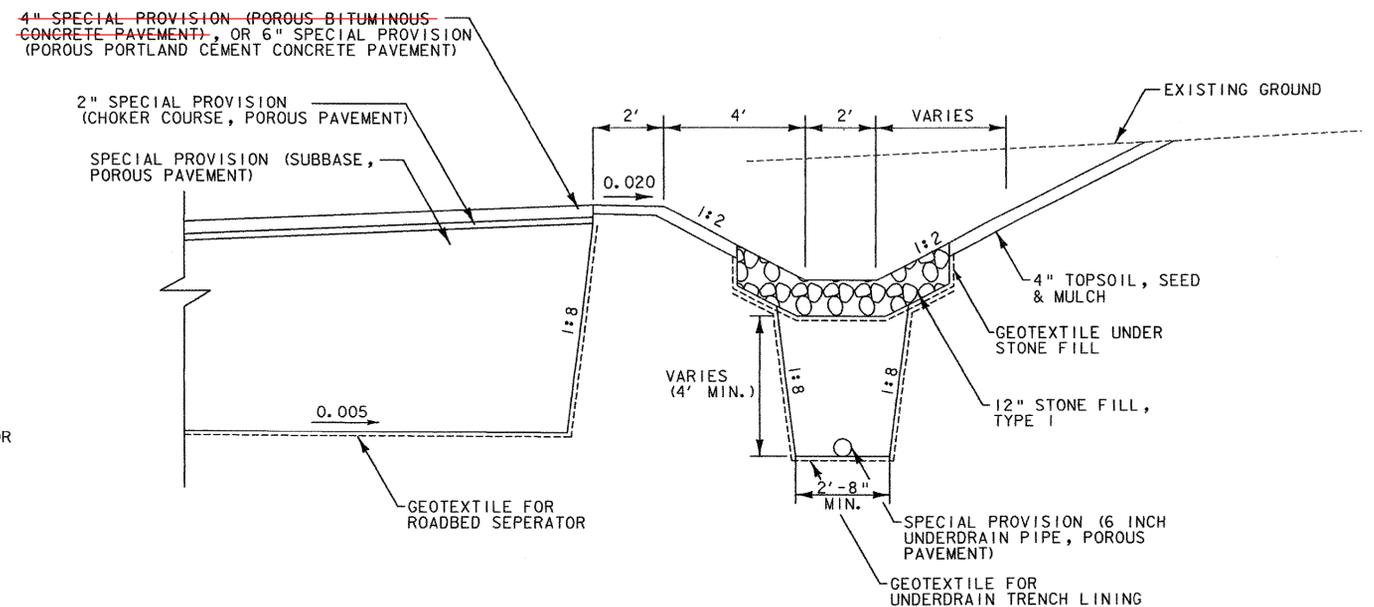
**POROUS PAVEMENT UNDERDRAIN
DETAIL 'E'**

STA. 21+23, LT. TO STA. 21+77, LT.
NOT TO SCALE



**POROUS PAVEMENT UNDERDRAIN
DETAIL 'C'**

NOT TO SCALE



**POROUS PAVEMENT UNDERDRAIN
DETAIL 'D'**

NOT TO SCALE

NOTES:

- SPECIAL PROVISION (PERMANENT FRP SHEET PILING) SHALL BE CONSTRUCTED WITH FIBERGLASS REINFORCED POLYMER (FRP) SHEET PILING. THE PURPOSE OF THE FRP SHEET PILING IS TO PROVIDE A BARRIER TO SUBSURFACE WATER FLOW BETWEEN AREAS 1 AND 2. THE FRP SHEET PILES ARE NOT DESIGNED FOR EARTH RETENTION. CONTRACTOR SHALL MAINTAIN SAME GROUND SURFACE ELEVATION ON BOTH SIDES OF FRP SHEET PILING AT ALL TIMES DURING CONSTRUCTION.
- 60 MILL HDPE, IN ALL LOCATIONS ABOVE, SHALL BE PAID INCIDENTAL TO ITEM 900.640 SPECIAL PROVISION (6 INCH UNDERDRAIN PIPE, POROUS PAVEMENT).



Stantec

**ALTERNATES
'B' AND 'C'**

PROJECT NAME: RANDOLPH
PROJECT NUMBER: CMG PARK(2)S

FILE NAME: ...N6_zk000rainDet_por.pxf PLOT DATE: 8/3/2007
PROJECT LEADER: WLD DRAWN BY: STANTEC
DESIGNED BY: STANTEC CHECKED BY: GAS
DRAINAGE DETAILS 6 SHEET 27 OF 63