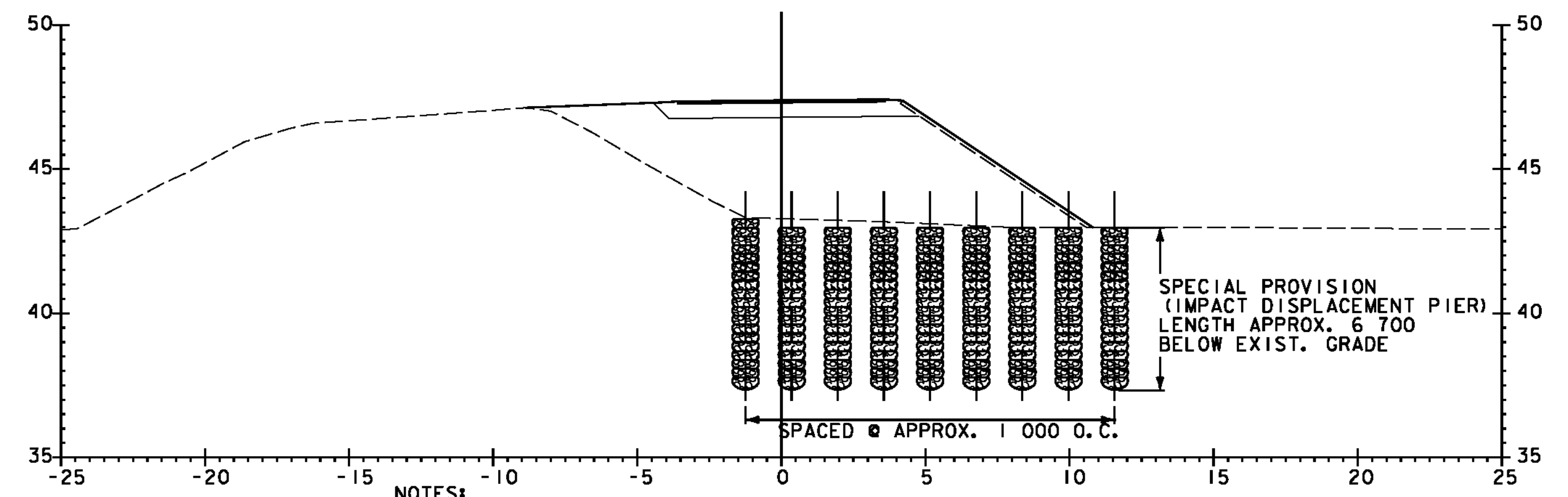


TYPICAL SOUTH EMBANKMENT SECTION

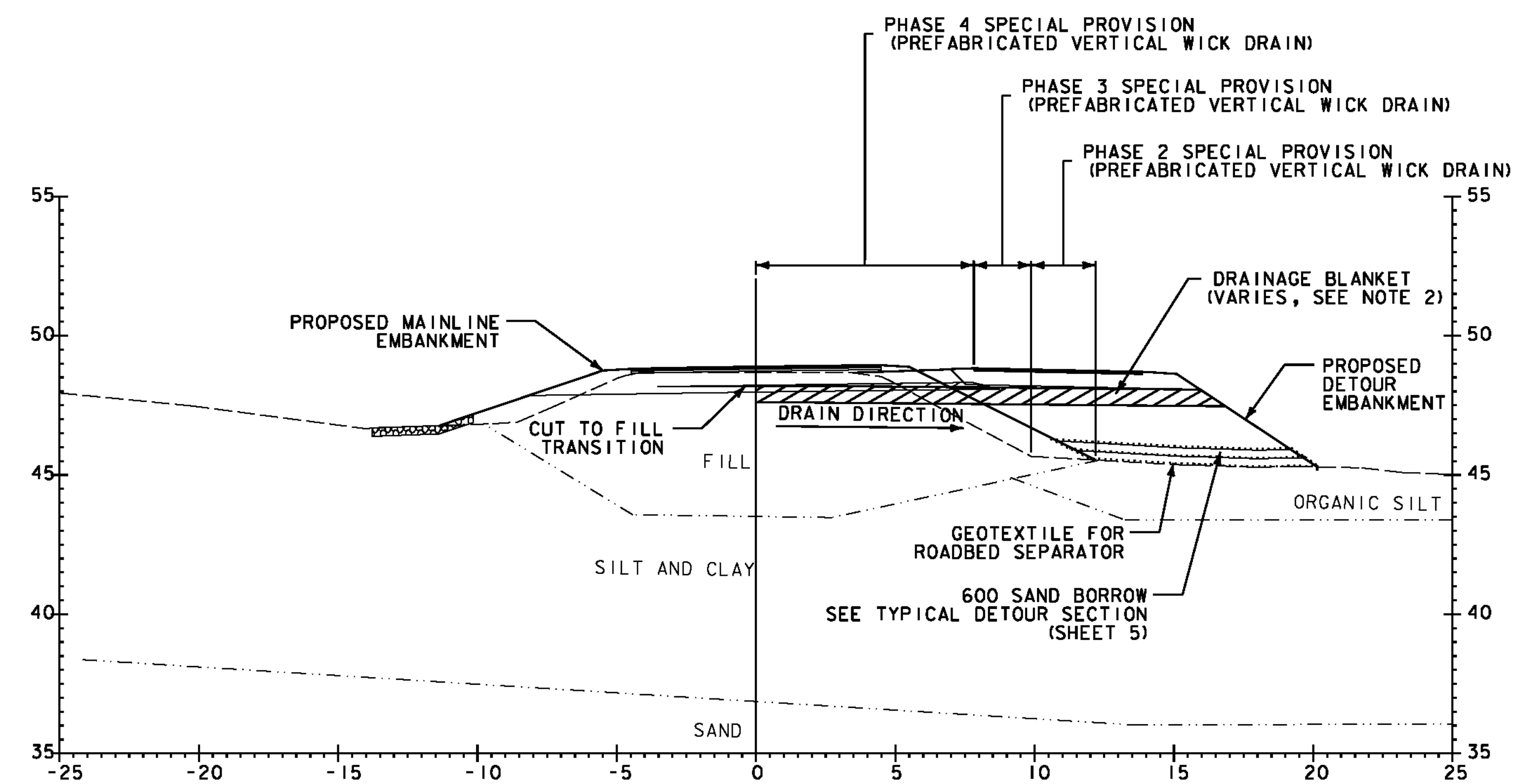
(SECTION 3+180 SHOWN)
NOT TO SCALE



- NOTES:
- 1) APPROXIMATE LIMITS OF SPECIAL PROVISION (IMPACT DISPLACEMENT PIER) (IDP) APPROXIMATE REPLACEMENT RATIO (Ra) = 18%
RAP DIAMETER = 508 mm
APPROXIMATE IDP DEPTH = 6.7 m
 - 2) DEPTHS, SPACING, AND DIAMETER WILL BE BASED ON THE CONTRACTOR'S APPROVED FINAL DESIGN, SEE SPECIAL PROVISIONS.
 - 3) REFER TO SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.

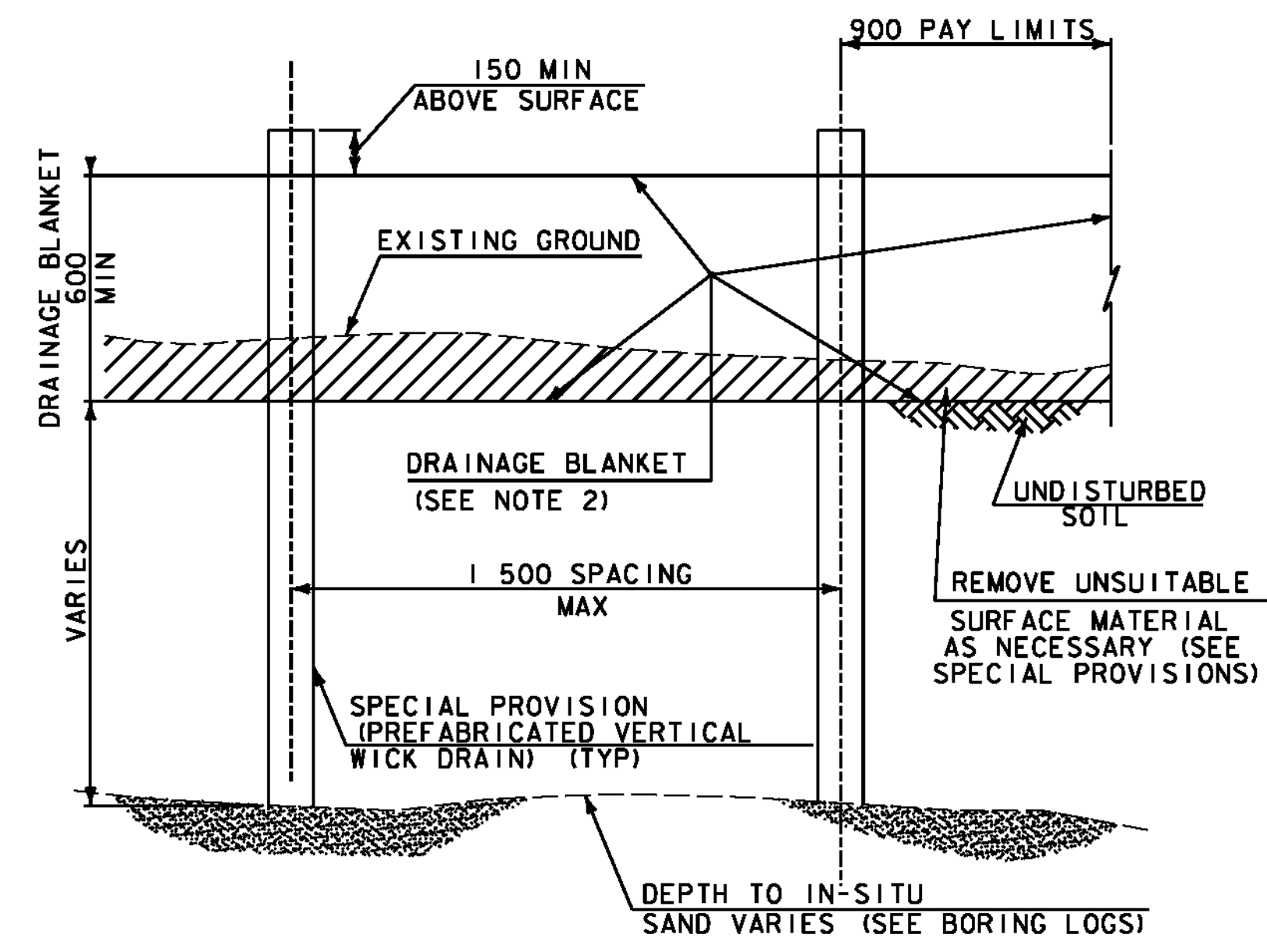
TYPICAL EMBANKMENT SECTION WITH SPECIAL PROVISION (IMPACT DISPLACEMENT PIER)

(SECTION 3+180 SHOWN)
NOT TO SCALE



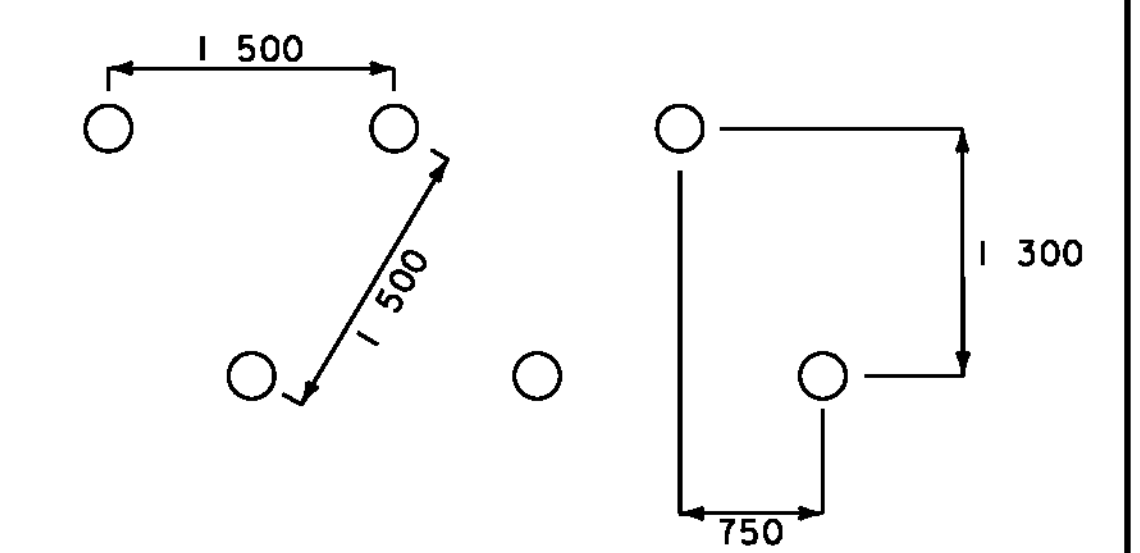
TYPICAL NORTH EMBANKMENT SECTION

(SECTION 1+100 SHOWN)
NOT TO SCALE



PREFABRICATED VERTICAL WICK DRAIN

NOT TO SCALE



TYPICAL SPECIAL PROVISION (PREFABRICATED VERTICAL WICK DRAIN) LAYOUT

NOT TO SCALE

SPECIAL PROVISION (PREFABRICATED VERTICAL WICK DRAIN) AND SPECIAL PROVISION (IMPACT DISPLACEMENT PIER) DETAIL SHEET

SPECIAL PROVISION (PREFABRICATED VERTICAL WICK DRAIN) GENERAL NOTES:

- 1) THE ELEVATION OF THE TOP OF THE DRAINAGE BLANKET SHALL BE TAKEN AS THE BOTTOM OF THE SUBBASE OF DENSE GRADED CRUSHED STONE AT THE CENTERLINE.
- 2) IN AREAS WHERE 250 SAND BORROW IS REQUIRED WITHIN THE VT 125 SECTION (SEE TYPICAL SECTION ON SHEET 3) THE CONTRACTOR SHALL SUPPLEMENT THE SAND BORROW TO ACHIEVE A MINIMUM OF 600 DEEP DRAINAGE BLANKET. CONTRACTOR SHALL COORDINATE THE BOTTOM OF SAND ELEVATIONS TO PROMOTE POSITIVE DRAINAGE. PAYMENT FOR DRAINAGE BLANKET NOT INCLUDED FOR PAYMENT UNDER ITEM 203.31 SAND BORROW AS A PART OF VT 125 TYPICAL SECTION SHALL BE CONSIDERED INCIDENTAL TO ITEM 528.11 TWO-WAY TEMPORARY BRIDGE.
- 3) PAYMENT FOR GEOTEXTILE FOR ROADBED SEPARATOR SHALL BE MADE UNDER ITEM 649.11 GEOTEXTILE FOR ROADBED SEPARATOR.
- 4) PAYMENT FOR THE REMOVAL OF VERTICAL WICK DRAIN WITHIN THE LIMIT OF TEMPORARY DETOUR EMBANKMENT TO A DEPTH OF 100 MM BELOW FINISHED GRADE SHALL BE MADE UNDER ITEM 528.11 TWO-WAY TEMPORARY BRIDGE.

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(92)

PROJECT: CORNWALL	PROJECT NO.: BRS 0172(6)
DESIGN FILE NAME: z85e042geodet.dgn	PLOT DATE: 2/16/2010
IPARM FILE NAME:	SURVEY DATE: 1996&1999
SURVEYED BY: VTRANS & VT SURVEY	DRAWN BY: ERIK ATKINS
SQUAD LEADER: MARTHA EVANS-MONGEON	SHEET: 84 OF 144