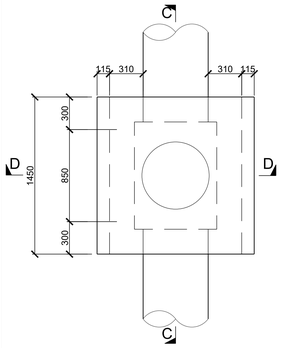
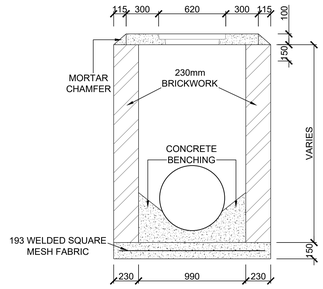
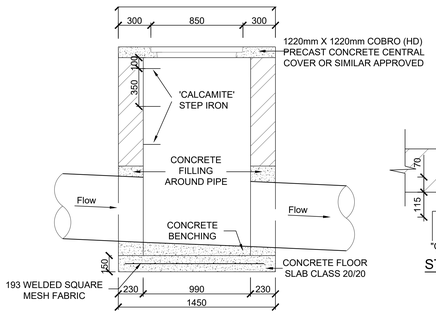


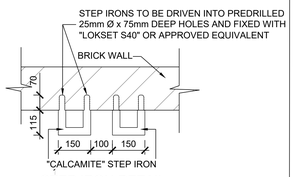
DETAIL A
STORMWATER
JUNCTION BOX PLAN
SCALE 1:20



SECTION D - D
SCALE 1:20



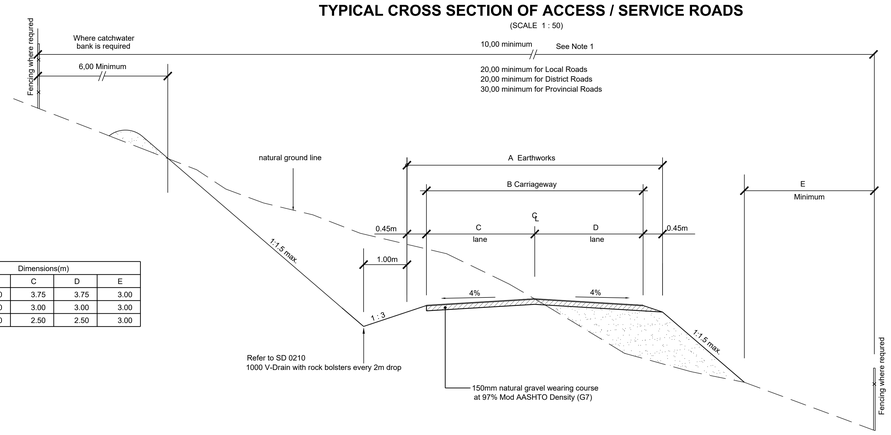
SECTION C - C
SCALE 1:20



STEP IRON DETAIL
SCALE 1:10

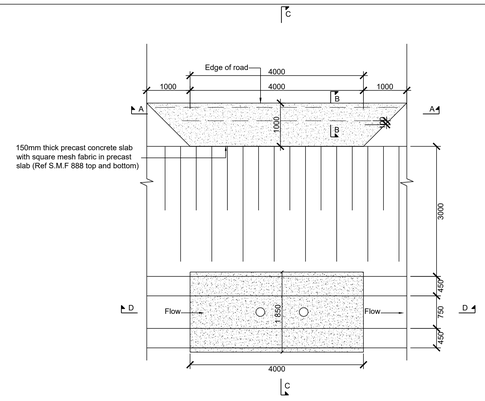
TYPICAL CROSS SECTION OF ACCESS / SERVICE ROADS

(SCALE 1 : 50)



Type	Dimensions(m)				
	A	B	C	D	E
Provincial Road	8.40	7.50	3.75	3.75	3.00
District Road	6.90	6.00	3.00	3.00	3.00
Local Road	5.90	5.00	2.50	2.50	3.00

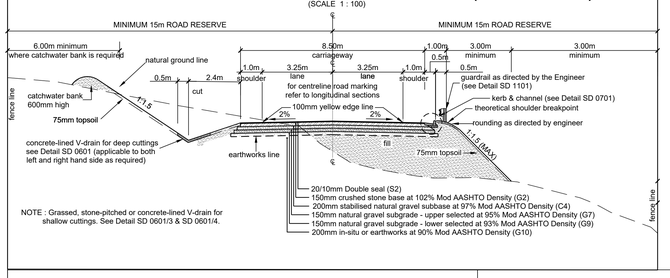
NOTES:
1.For Type 7A where it is envisaged it will become a district road in future,a 20m road reserve shall be taken.



DETAIL E
DRIVEWAY ACCESS (NO KERB AND CHANNEL)
SCALE 1:50

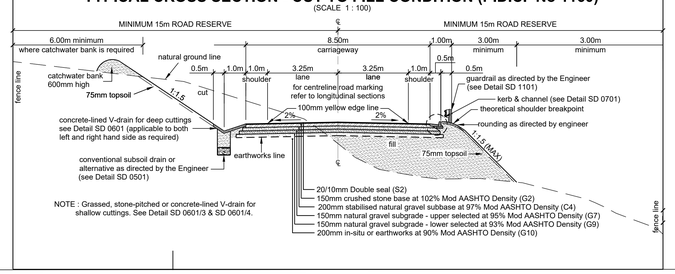
TYPICAL CROSS SECTION - CUT TO FILL CONDITION (P.D.C. No 1160)

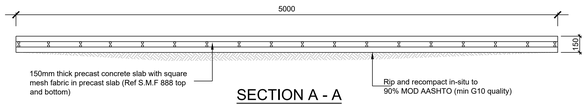
(SCALE 1 : 100)



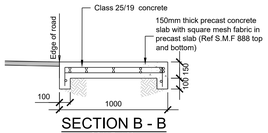
TYPICAL CROSS SECTION - CUT TO FILL CONDITION (P.D.C. No 1160)

(SCALE 1 : 100)

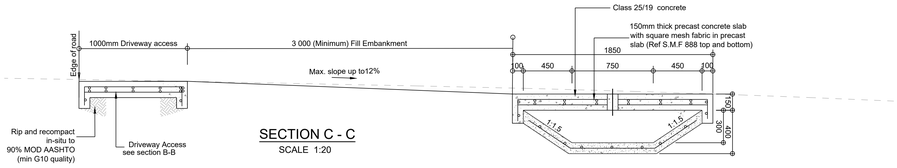




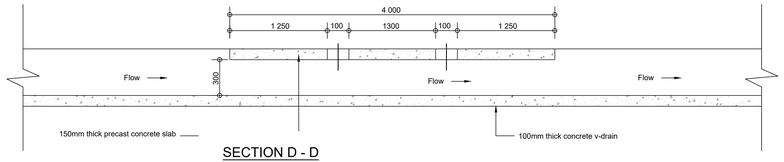
SECTION A - A
SCALE 1:20



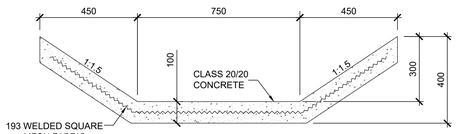
SECTION B - B
SCALE 1:20



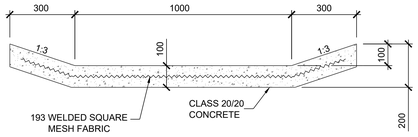
SECTION C - C
SCALE 1:20



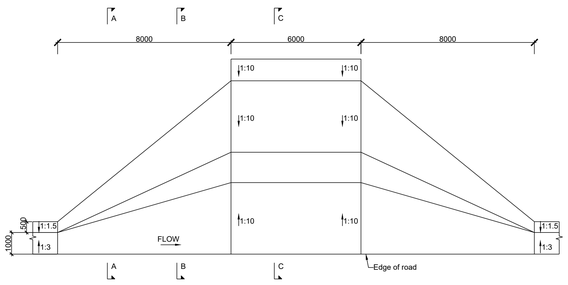
SECTION D - D
SCALE 1:20



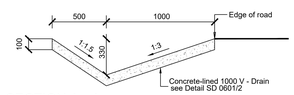
TOE DRAIN
SCALE 1:10



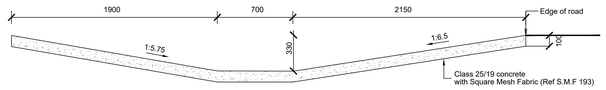
OPEN CHUTE
SCALE 1:10



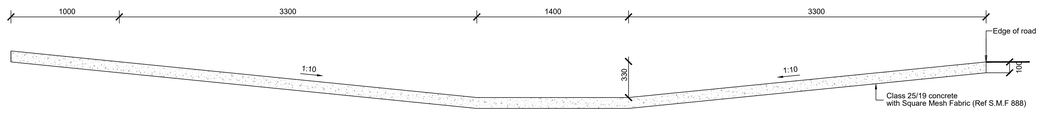
DETAIL C
CONCRETE-LINED V-DRAIN (NO SIDEWALK)
ACROSS ACCESS ROADS / DRIVEWAYS
SCALE 1:100



SECTION A - A
SCALE 1:20



SECTION B - B
SCALE 1:20



SECTION C - C
SCALE 1:20

FOR APPROVAL

SYMBOL	DATE	DESCRIPTION	CHECKED	SIGNED

AMENDMENTS

AS BUILT

SUPERVISING ENGINEER DATE

SUPERVISING AUTHORITY

CONTINUED FROM:	DESIGNED BY: N. MAHOMED
CONTINUED ON:	CHECKED BY: S. NAIDOO
CROSS SECTION NO:	DRAWN BY: B. FYNN
PLAN NO:	CHECKED BY: S. NAIDOO

NAIDU CONSULTING - CONSULTING ENGINEER
NAME: KEVIN GOVENDER SIGN : DATE :

Designed by:-
NAIDU CONSULTING
Naidu Consulting no.:- D296/2751/T

transport
Department:
Transport
Province of KwaZulu-Natal

MAIN ROAD 165 (HOWICK - MOOI RIVER)

STAKED KM DISTANCE
KM 38+295 - KM 46+595

SHEET 1 OF 1

TRANSPORTATION ENGINEERING: CHIEF ENGINEER

HEAD : TRANSPORT

PORTION
UPGRADING OF PORTION OF P165 : KM 38+295 - KM46+595
HOWICK TO MOOI RIVER
TYPICAL CROSS SECTIONS / JUNCTION BOX / OPEN DRAIN DETAILS

SCALE
AS SHOWN

PLAN No.
C 38658

C 38658