



Reference	Horiz.	Slope
SW 1 - SW 2	18.379	18.408
SW 2 - GI 1/2	4.613	4.614

Reference	Y	X	IL in / out	DEPTH in / out
SW 1	88411.143	3287416.549	1412.900	1412.300
SW 2	88393.625	3287422.107	1413.832	1413.532
GI 1/2	88389.034	3287422.557	1414.000	1414.000

Reference	Horiz.	Slope
SW 4 - SW 5	11.452	11.463
SW 5 - GI 3/4	4.742	4.746

Reference	Y	X	IL in / out	DEPTH in / out
SW 4	88370.248	3287362.078	1410.300	1410.300
SW 5	88358.890	3287363.620	1411.812	1411.812
GI 3/4	88354.388	3287365.079	1411.600	1411.600

Reference	Horiz.	Slope
MH 1 - SW 6	21.816	21.840
MH 1 - GI 5/6	22.541	22.562

Reference	Y	X	IL in / out	DEPTH in / out
MH 1	88350.984	3287352.904	1411.200	1411.200
SW 6	88331.769	3287352.974	1416.228	1416.228
GI 5/6	88313.209	3287359.783	1419.200	1419.200

Reference	Horiz.	Slope
MH 2 - SW 8	13.512	13.513
MH 2 - GI 7/8	17.357	17.358

Reference	Y	X	IL in / out	DEPTH in / out
MH 2	88308.474	3287270.042	1421.800	1421.800
SW 8	88268.059	3287286.454	1421.800	1421.800
GI 7/8	88282.559	3287257.541	1422.000	1422.000

Reference	Horiz.	Slope
MH 3 - SW 10	11.125	11.129
MH 3 - GI 9/10	3.724	3.725

Reference	Y	X	IL in / out	DEPTH in / out
MH 3	88263.085	3287199.803	1428.400	1428.400
SW 10	88262.180	3287202.005	1428.700	1428.688
GI 9/10	88248.725	3287203.369	1428.800	1428.800

FOR FINAL APPROVAL

SYMBOL	DATE	DESCRIPTION	CHECKED	SIGNED
		AMENDMENTS		

AS BUILT

SUPERVISING ENGINEER: _____ DATE: _____

SUPERVISING AUTHORITY: _____

CONTINUED FROM: - DESIGNED BY: M D VAN NIEKERK

CONTINUED ON: C45225 CHECKED BY: K GOVENDER

CROSS SECTION NO: C41972-C41982 DRAWN BY: P RAMAJUTAR

PLAN NO: C41964 - C41971 CHECKED BY: M SINGH

NAIDU CONSULTING - CONSULTING ENGINEER: K. GOVENDER

Designed by:

Department:
Transport
Province of KwaZulu-Natal

Transportation Engineering - Chief Engineer

Head: Transport

NAIDU Consulting no.: D267/4110/D

UPGRADE OF MAIN ROAD P402 (HOLY FAMILY CONVENT - KWAMGWAGWA)

DESCRIPTION
FROM KM 0+000 TO KM 7+517

PIPE LONGITUDINAL SECTION

STAKED KM DISTANCE
AS SHOWN

SHEET 1 OF 12

SCALE
HOR 1:2000
VERT 1:200

PLAN No.
C45224

C45224