BOX CULVERT
- INSITU
AT km 1,3112

FENCE

FENCELINE

FENCELINE

EXISTING CULVERT
TO BE REMOVED

OP 5240

KLAPMUTS

JOOSTENBERGVLAKTE

1.240 1.260 1.280 1.300 1.320 1.340 1.360 1.380 1.400 1.420

GRAVEL

EXISTING INSITU
STRUCTURE TO BE
RETAINED

DIRECTION
OF FLOW

GRAVEL

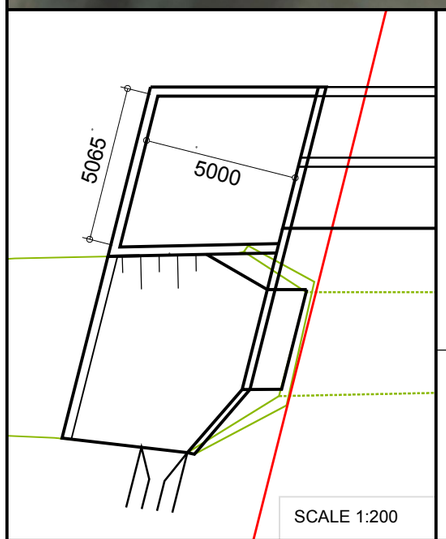
143 144 145 146

N

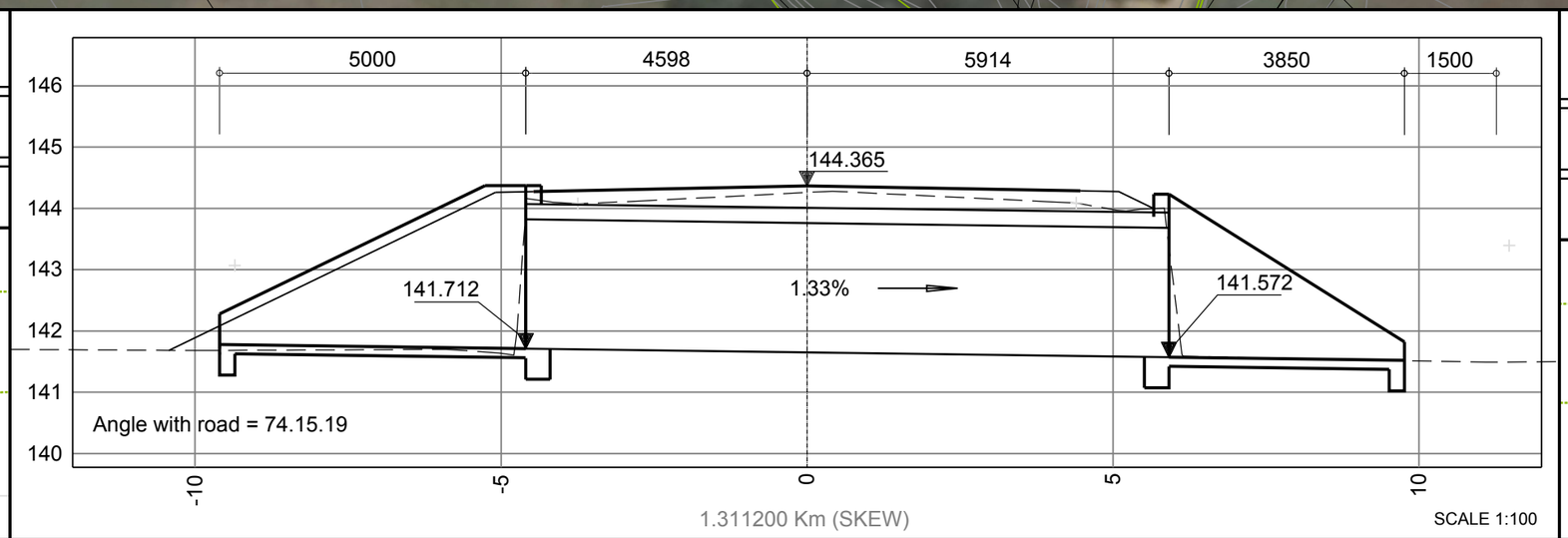
NOTE:

- EXISTING INSITU STRUCTURE TO BE RETAINED.
- DEBRIS TO BE REMOVED FROM EXISTING STRUCTURE.
- ADD ADITIONAL INSITU CULVERT ADJACENT TO EXISTING FOR ADDITIONAL FLOW CAPACITY.
- CONNECT OUTLET TO EXISTING LINED OPEN DRAIN.

SCALE 1:500

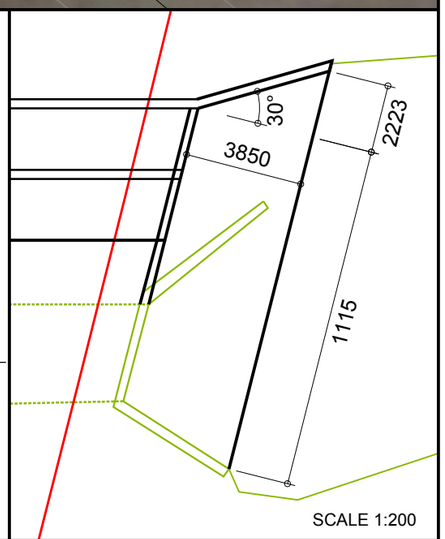



SCALE 1:200




1.311200 Km (SKEW)

SCALE 1:100




SCALE 1:200

| No. | DATE | ADDITIONS AND AMENDMENTS | APPROVED CONS. ENG. | APPROVED PRE |
|---|---|---|---|---|
| | | | | |

| | |
|---|---|
| DESIGNED BY: | R.O |
| CHECKED BY: | F.W.S |
| DRAWN BY: | E.S |
| CHECKED BY: | |


iX engineers
Infrastructure Excellence
31 Allen Drive Cape Town
Loevenstein 7535 Tel: (021) 912-3000
www.ixengineers.co.za


CONSULTING ENGINEERS
DATE

Western Cape Government
Transport and Public Works

APPROVED
THIS APPROVAL IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING

PROVINCIAL ROADS ENGINEER
DATE

# UPGRADING OF DIVISIONAL ROAD 1098
(km 0,00 TO km 8,79)

## BOX CULVERT - INSITU
AT km 1,3112

| | |
|---|---|
| PRELIMINARY | |
| FOR INFORMATION ONLY | ✓ |
| FOR APPROVAL | |
| FOR TENDER PURPOSES | |
| FOR CONSTRUCTION | |

| | |
|---|---|
| P.R.E.'s FILE No. TWP16/6/4/1/1 Div Rd1098-C1049 | SCALE AS SHOWN ORIGINAL SIZE A3 |
| CONTRACT No. C1049 | WCPA STRUCTURES PLAN No. |
| CONSULTANT'S PLAN No. C00069-10-EN-DAL-0002-001 | WCPA INDEX No. |