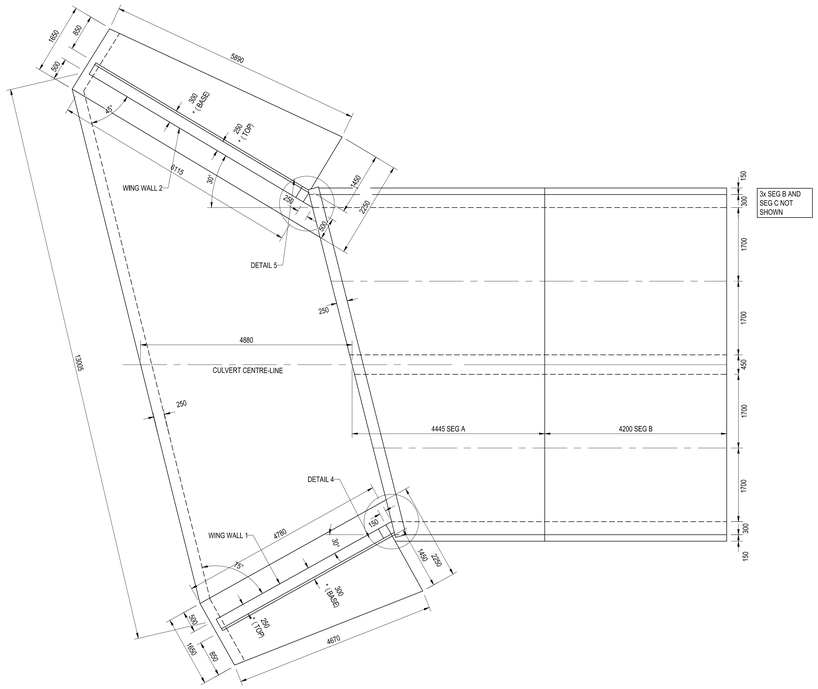
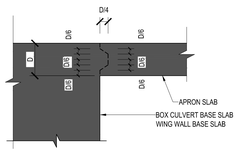
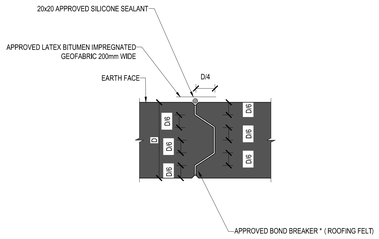


PLAN OF SEGMENTS A, B AND OUTLET
SCALE 1:50



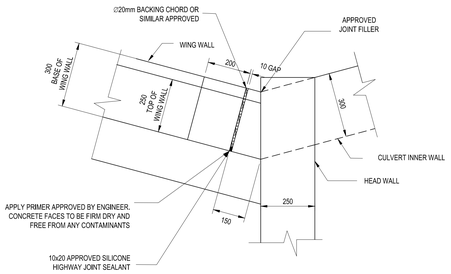
DETAIL 1 - KEY CONSTRUCTION JOINT
SCALE 1:10

NOTE: APRON SLAB D = 150

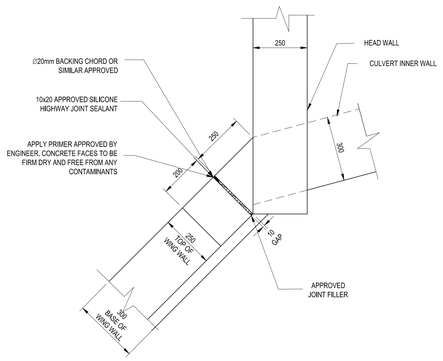


DETAIL 2 - FILLED KEY JOINT
SCALE 1:10

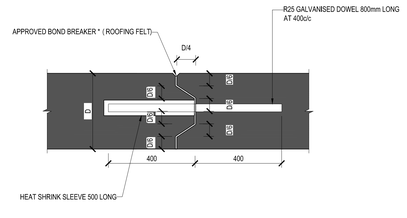
NOTE:
1. BOX CULVERT TOP SLAB D = 350
2. TYPICAL ROOF SLAB JOINT



DETAIL 4 PLAN
SCALE 1:10

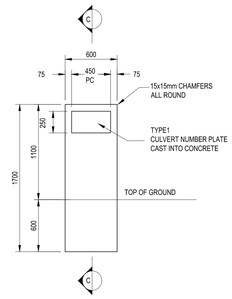


DETAIL 5 PLAN
SCALE 1:10

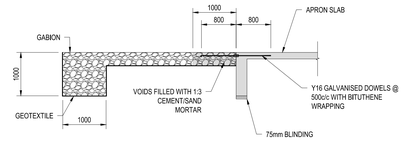


DETAIL 3 - FILLED KEY JOINT
SCALE 1:10

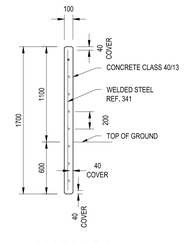
NOTE:
1. BOX CULVERT BASE SLAB D = 350
2. TYPICAL BASE SLAB JOINT



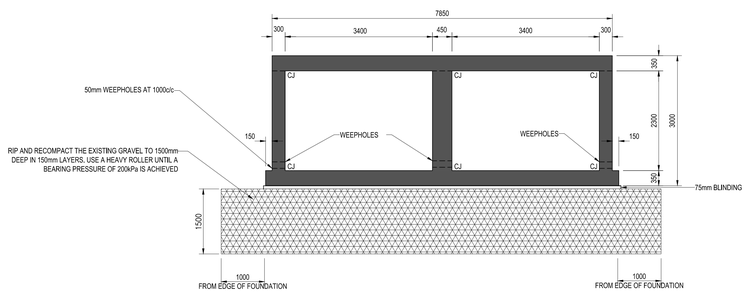
TYPE 2 CONCRETE MOUNTING BLOCK DETAIL
SCALE 1:25



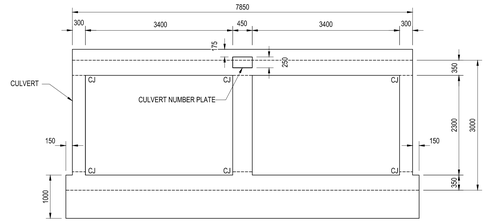
SECTION D-D
SCALE 1:50



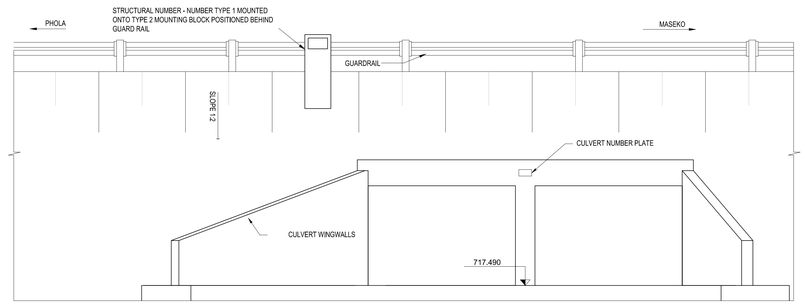
SECTION C-C
SCALE 1:25



SECTION A-A
SCALE 1:50



BOX OUTLET ELEVATION
SCALE 1:50



ELEVATION: OUTLET
SCALE 1:50

DETAIL 6 - WALL DETAIL
NOT TO SCALE

NOTE: TYPICAL CULVERT WALL DETAIL

No.	DATE	REVISION	CONSULT. ENG.
V0	26 - 06 - 2020	ORIGINAL VERSION	N.L CHAMBOKO

DESIGNED BY : R.MASENDEKE
Prof. Reg. No. 20120370
DRAWN BY : N. CHAMBOKO
CHECKED BY : R.MASENDEKE
ISSUED BY : E.RAMUSHU

Full signature
For Client
For Consulting Engineer
Client Drawing No.

APPROVED
For client
For Consulting Engineer

MBOMBELA MUNICIPALITY
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City of Mbombela
Civic Centre,1 Nel Street,Mbombela
TEL. (013)759-2041

Appollo Engineering (Pty) Ltd
15 Russel Street,Nelspruit
TEL. (013)752-6187
Email: info@appollogroup.co.za

PROJECT: PHOLANI SCHOOL TO MASEKO BUS ROUTE
PROJECT NO.: XX/2020
TITLE: BOX CULVERT GENERAL ARRANGEMENT 2

SCALE : AS SHOWN
DRAWING NO. APPENG031-PIMO-STR-102
REVISION : A