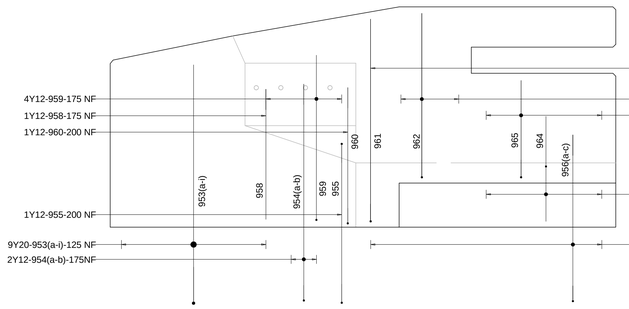
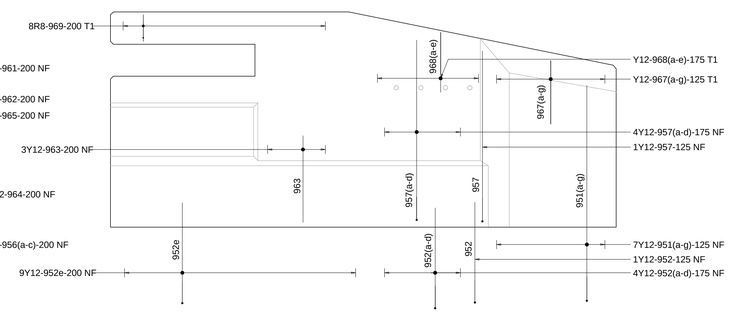
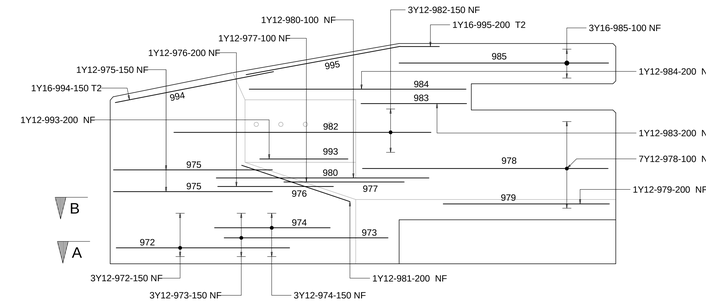


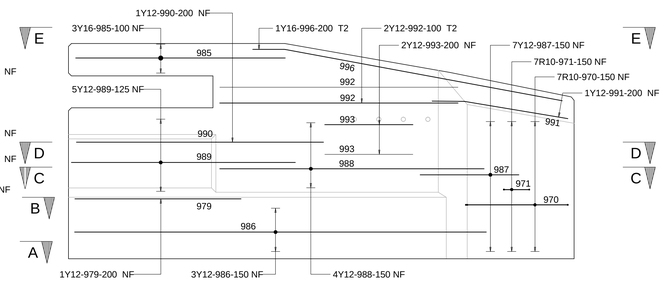
INSIDE ELEVATION (VERTICAL BARS)
SCALE 1:15



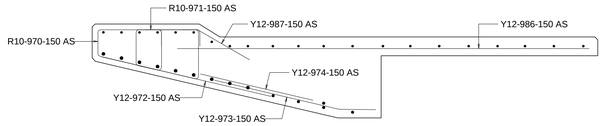
OUTSIDE ELEVATION (VERTICAL BARS)
SCALE 1:15



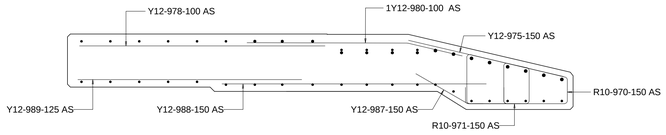
INSIDE ELEVATION (HORIZONTAL BARS)
SCALE 1:15



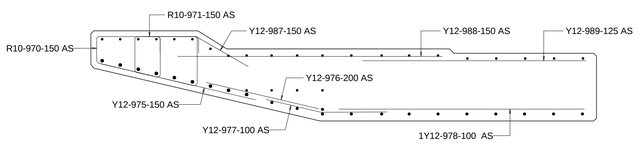
OUTSIDE ELEVATION (HORIZONTAL BARS)
SCALE 1:15



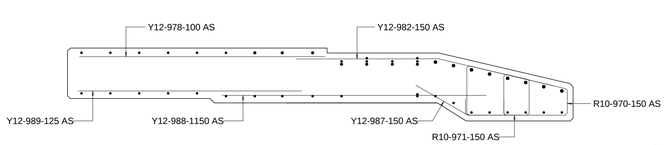
SECTION A-A
SCALE 1:15



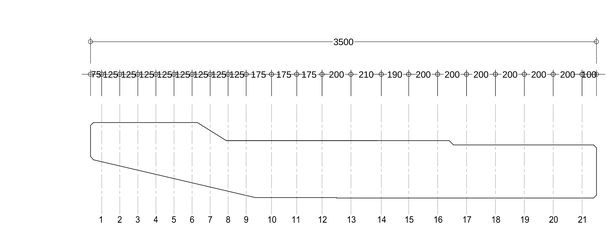
SECTION C-C
SCALE 1:15



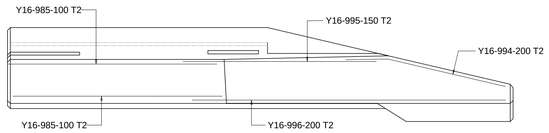
SECTION B-B
SCALE 1:15



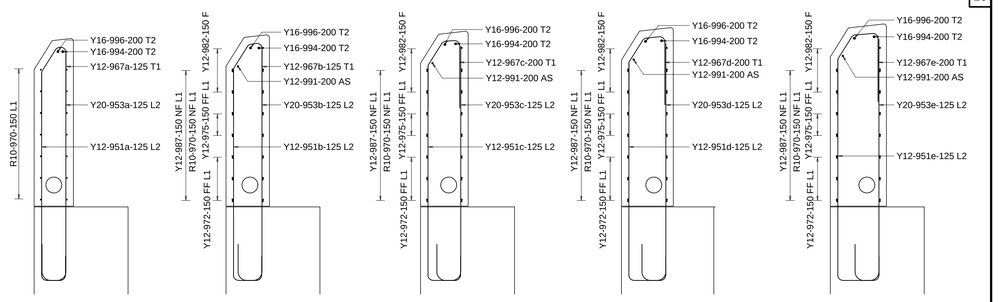
SECTION D-D
SCALE 1:15



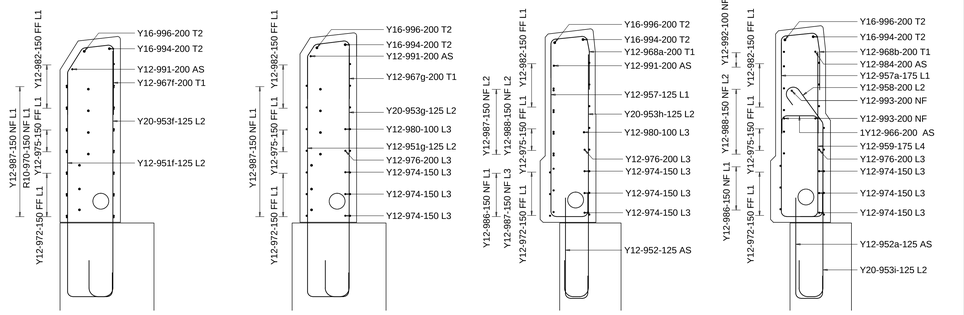
GRID LAYOUT
SCALE 1:15



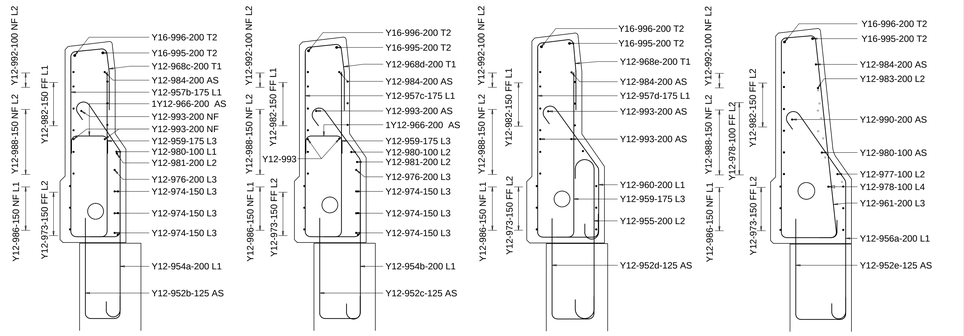
SECTION E-E
SCALE 1:15



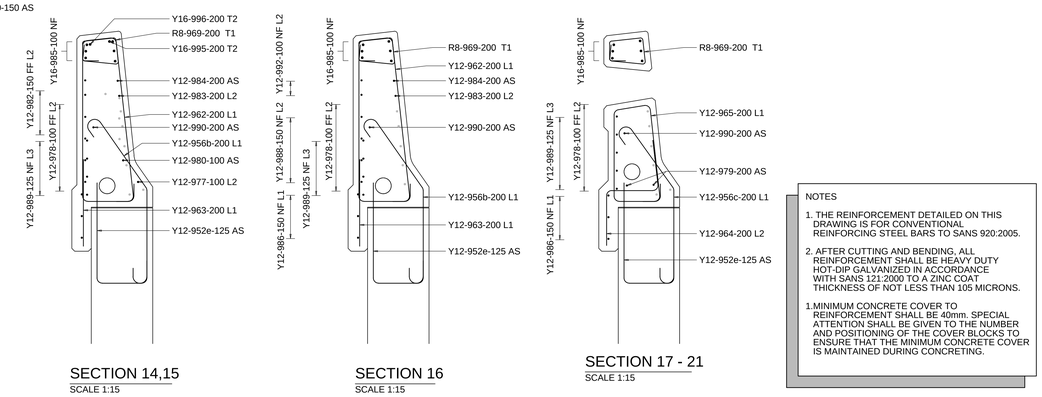
SECTION 1 | SECTION 2 | SECTION 3 | SECTION 4 | SECTION 5
SCALE 1:15



SECTION 6 | SECTION 7 | SECTION 8 | SECTION 9
SCALE 1:15



SECTION 10 | SECTION 11 | SECTION 12 | SECTION 13
SCALE 1:15



SECTION 14,15 | SECTION 16 | SECTION 17 - 21
SCALE 1:15

NOTES

1. THE REINFORCEMENT DETAILED ON THIS DRAWING IS FOR CONVENTIONAL REINFORCING STEEL BARS TO SANS 920:2005.
2. AFTER CUTTING AND BENDING, ALL REINFORCEMENT SHALL BE HEAVY DUTY HOT-DIP GALVANIZED IN ACCORDANCE WITH SANS 121:2000 TO A ZINC COAT THICKNESS OF NOT LESS THAN 105 MICRONS.
1. MINIMUM CONCRETE COVER TO REINFORCEMENT SHALL BE 40mm. SPECIAL ATTENTION SHALL BE GIVEN TO THE NUMBER AND POSITIONING OF THE COVER BLOCKS TO ENSURE THAT THE MINIMUM CONCRETE COVER IS MAINTAINED DURING CONCRETING.

100mm ON ORIGINAL PLAN
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

No.	DATE	REVISION	CONSULT. ENG.
V1A	01/09/2014	ORIGINAL SIGNED VERSION	PB MENTZ
V1	31/03/2014	ORIGINAL VERSION	PB MENTZ

CONSTRUCTION RECORD
WORKS CONTRACT ENGINEER
Name :
Prof. Reg. No. :
Date :
SANRAL PROJECT MANAGER
Name :
Date :

WorleyParsons
resources & energy
P.O. BOX 38157
LANGENHOVEN PARK
BLOEMFONTEIN, 9330
TEL. (051) 410 8700
FAX. (051) 446 0540
E-mail: bloemfontein.office@worleyparsons.com

DESIGNED BY	
NAME	W BIJKER jr
Prof. Reg. No.	CANDIDATE
CHECKED BY	
NAME	W BIJKER
Prof. Reg. No.	780098
DRAWN BY	
NAME	D VAN DEN BERG

CONSULTANT APPROVAL
Name : PB MENTZ
Prof. Reg. No. : 760400
Date : 01/09/2014

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THE SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg. No. 1998/009584/30

EASTERN REGION
58 Van Eck Place
Pietermaritzburg
3201
P.O. Box 100410
Scottsville
3209
Tel: (033) 392 8100

ACCEPTANCE
THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING
for CEO: SA NATIONAL ROADS AGENCY SOC LTD.
Date:

PROJECT DESCRIPTION
CONSTRUCTION OF AN OVERLOAD CONTROL FACILITY AND INTERCHANGE AT ETEZA ON NATIONAL ROUTE N2 SECTION 29
ETEZA INTERCHANGE OVERPASS BRIDGE B0299
END BLOCK REBAR DETAIL
SCALE : AS SHOWN | SHEET 24 OF 26

PROJECT NUMBER	N002-290-2005/1	
DRAWING LOCATION DATA	START	END
ROUTE	N002	N002
SECTION	29	29
DRAWING km DISTANCE	46	47
DRAWING TYPE	STRUCTURES-BRIDGES	
BRIDGE/STRUCTURE No.	B0299	
CONSULTANT DRAWING No.	IC BCD/0299/24	VER
SANRAL DOCUMENT #	247894	V1A