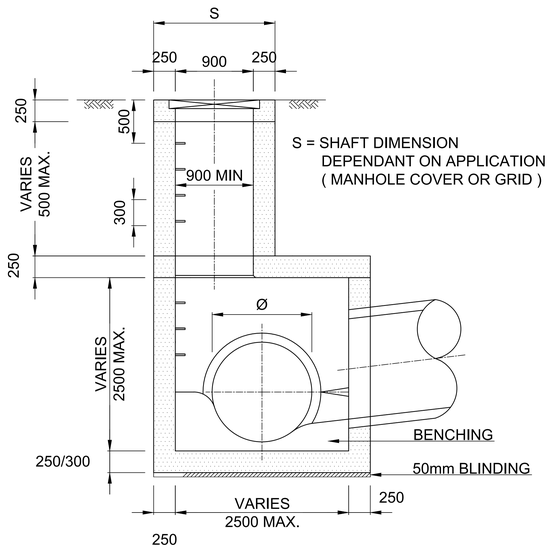
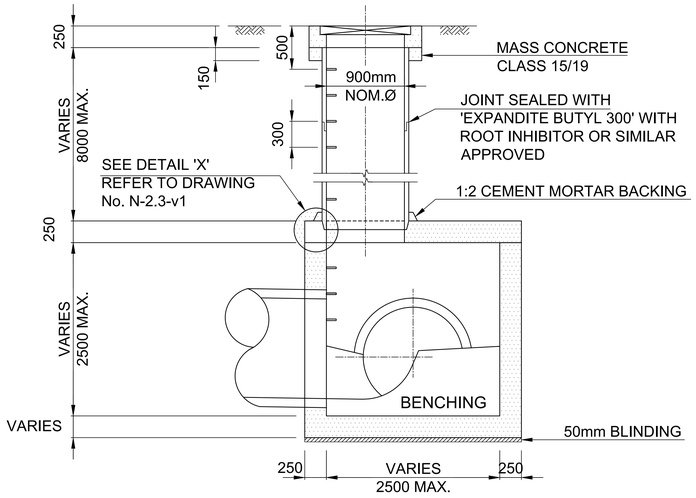


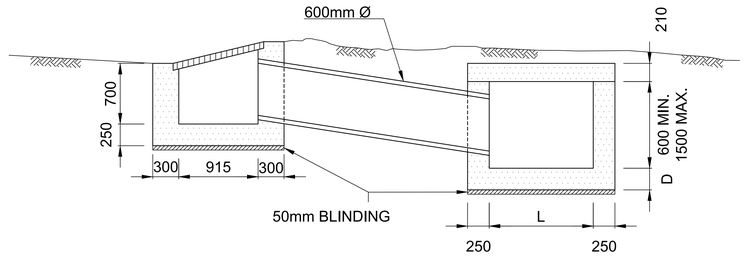
SECTIONAL ELEVATION

SCALE 1:25



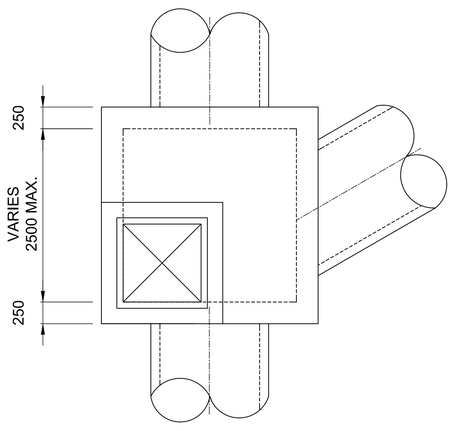
SECTIONAL ELEVATION

SCALE 1:25



SECTIONAL ELEVATION

SCALE 1:25

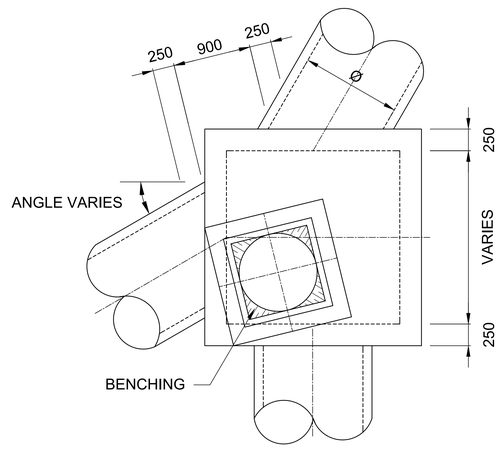


PLAN
INLET TYPE 1

SCALE 1:25

NOTE: INLET TYPE 1

1. THIS INLET IS ONLY TO BE USED FOR SIZE C TO I CHAMBERS INCLUSIVE, AS DETERMINED BY THE PROCEDURE ON DRAWING No. TD-D-MC-1001



PLAN
INLET TYPE 2

SCALE 1:25

NOTES: INLET TYPE 2

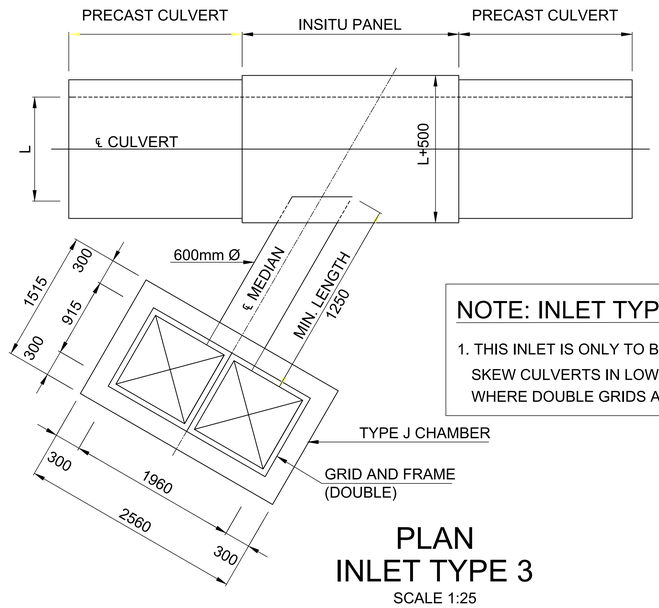
1. PRECAST SHAFT TO BE REPLACED BY A TYPE 1 INLET SHAFT IF A STORM WATER PIPE DISCHARGES INTO THE INLET CHAMBER AT A LEVEL CLOSE TO THE TOP OF THE SHAFT
2. INLET TYPE 2 CAN BE USED FOR ALL CHAMBER SIZES AS DETERMINED ON DRAWING No. TD-D-MC-1001

HEIGHT INLET	CHAMBER SIZE INLET								
ABOVE INVERT	A	B	C	D	E	F	G	H	I
2.50m - 4.50m	2	2	1	1	1	1	1	1	1
4.50m - 10.00m	2	2	2	2	2	2	2	2	2

TYPE OF INLET TO BE USED WITH EACH CHAMBER SIZE

CHAMBER SIZES

A - 900 x 900
B - 900 x 1200
C - 1200 x 1200
D - 1200 x 1500
E - 1500 x 1500
F - 1500 x 2000
G - 2000 x 2000
H - 2000 x 2500
I - 2500 x 2500
J - 2500 x 1500



PLAN
INLET TYPE 3

SCALE 1:25

NOTE: INLET TYPE 3

1. THIS INLET IS ONLY TO BE USED FOR SKEW CULVERTS IN LOW OR HIGH FILLS WHERE DOUBLE GRIDS ARE REQUIRED

NOTES:

1. THIS TYPICAL DRAWING DEPICTS THE LAYOUT TO BE USED FOR INLET TYPES 1 & 2 ON HIGH FILLS. ALTHOUGH THE REINFORCEMENT DETAILS OF THESE CHAMBERS MUST BE DESIGNED TO SUIT THE INDIVIDUAL CONDITIONS PERTAINING TO THE INLET
2. FOR GENERAL ARRANGEMENT REFER TO DRAWING No. TD-D-MC-1002.
3. FOR GRID INLET DETAILS REFER TO DRAWING No. TD-D-SG-1001 & TD-D-SG-1002
4. TYPE J* CHAMBER FOR USE AT MEDIAN CATCHPITS (INLET TYPE 3)

No.	DATE	REVISION
V1	08/03/2024	ORIGINAL VERSION

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SANRAL
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BUILDING SOUTH AFRICA THROUGH BETTER ROADS

WESTERN REGION
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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 the SA NATIONAL ROADS AGENCY SOC LTD.

Date:

PROJECT DESCRIPTION

THE CAPACITY IMPROVEMENT OF NATIONAL ROUTE 1 SECTION 1 FROM OLD OAK INTERCHANGE (KM 18.90) TO KOELENHOF INTERCHANGE (KM 33.00)

MANHOLES AND GRID INLET CHAMBERS
INLETS FOR HIGH FILLS & SKEW CULVERTS
SHEET 4 OF 4

SCALE @ A0: AS SHOWN | SHEET 4 OF 4

PROJECT NUMBER	N001-010-2021/1	
DRAWING LOCATION DATA	START	END
ROUTE	N01	N01
SECTION	01	01
DRAWING km DISTANCE	18.900	33.000
DRAWING TYPE	DRAINAGE - MH'S & GI CHAMBERS	
BRIDGE/STRUCTURE No.	N/A	
CONSULTANT DRAWING No.	312-00827-01-TD59	VER
SANRAL DOCUMENT #	XXXXXX	V1

312-00827-01-TD59