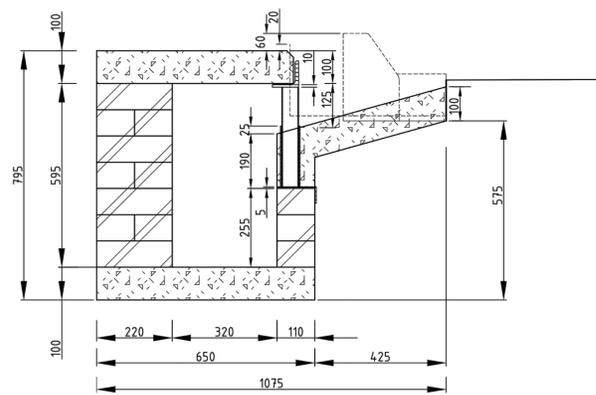


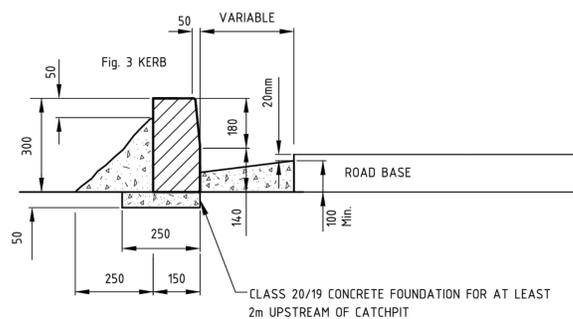
**CATCHPIT AND KERB TRANSITION**

SCALE 1:25



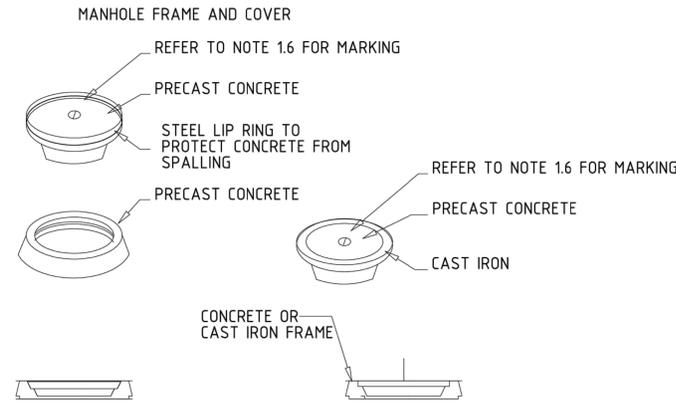
**SECTION C-C**

SCALE 1:10



**SECTION A-A**

SCALE 1:10



**PRECAST CONCRETE FRAME AND COVER (SALBERG TYPE)**

**COMBINATION PRECAST CONCRETE / CAST IRON FRAME AND COVER (SEE NOTE 1.5)**

**GENERAL NOTES:**

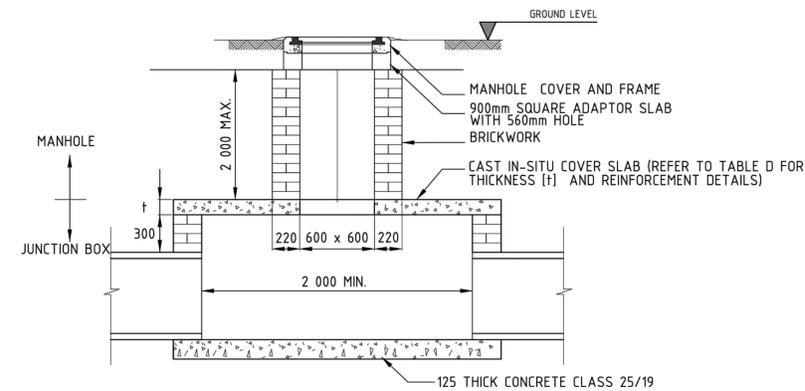
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCHITECT'S DRAWINGS
- ALL CONCRETE MIXES TO BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION
- FOUNDATION EXCAVATIONS TO BE APPROVED BY THE ENGINEER PRIOR TO CASTING OF THE BLINDING LAYER

**CONCRETE NOTES:**

- CONCRETE CLASS: REINFORCED CONCRETE AND SURFACE BEDS CLASS 35/19
- ALL VISIBLE CONCRETE FACE FINISHES SHOULD BE SMOOTH OFF-SHUTTER AND ALL IMPERFECTIONS SHALL BE REPAIRED. FOR CONCEALED MEMBERS, DEFECTS SHALL BE REPAIRED BUT NO SPECIAL TREATMENT IS REQUIRED.
- ALL DIMENSIONS TO BE CONFIRMED ON SITE.
- CONCRETE TO COMPLY WITH SANS 1200G AND ESKOM CONCRETE SPECIFICATION NO 84CIVL053.
- CURING METHOD STATEMENT TO BE APPROVED BY THE ENGINEER
- MAXIMUM SOIL BEARING CAPACITY (SLS) = 175kPa.

**MANHOLE FRAME AND COVER**

SCALE 1:20



**MANHOLE & JUNCTION BOX**

SCALE 1:20

APPLICATION	TYPE OF COVER AND FRAME
At junction boxes falling underneath the carriage way.	SABS Type 4 Cast Iron Heavy duty
At least every 100m on long inaccessible stormwater lines.	SABS Type 4 Precast Concrete Medium duty
At junction boxes falling underneath block or concrete paving on the sidewalk.	SABS Type 4 Precast Concrete Medium duty
At junction boxes where the main stormwater line changes course	SABS Type 4 Precast Concrete Medium duty
At junction boxes indicated otherwise on the drawings or specified by the Engineer.	SABS Type 4 As specified

Span (B) (mm)	Thickness (t) (mm)	Main Reinforcement
Up to 1500	175	Y12 - Y120
Up to 2500	200	Y16 - Y120
Up to 3000	225	Y16 - Y100
> 3000	Design to be submitted	
Distribution reinforcement: Y12 bars @ 200 c/c		
Refer to notes for bending details.		

**FOR INFORMATION NOT FOR CONSTRUCTION**

DESIGN APPROVED		DRAWN BY		CONSULTANTS:		CLIENT:		FILE No		TYPE OF PLANNING	
_____		_____		MAVIMBELA QUANTITY SURVEYORS		PIKITUP JOHANNESBURG SOC LTD		-		DETAIL DESIGN	
for CONSULTANT DATE		DRAWING CHECKED		15 FIDES STREET BROWNHURSTS SPRUIT 1020		66 JURISSEN STREET BRAAMPONTEN		AGREEMENT No		CONTRACT No	
APPROVED BY		DESIGNED BY:		Mavimbela & Associates QUANTITY SURVEYORS		PIKITUP JOHANNESBURG SOC LTD		-		PU065/2018	
_____		Prof. Reg. No.:		Tel: (013) 973 0144 Fax: _____		Tel: (011) 712 5200 Fax: (011) 712 5322		ROAD No.s		SCALE N.T.S	
for DEPUTY DIRECTOR: DESIGN DATE		DESIGNED CHECKED BY:		a world class African city		Johannesburg		-		DISTRICT	
_____		Prof. Reg. No.:		Goudkopies Landfill Site Project		Johannesburg		-		DWG No	
DATE		DATE		DATE		DATE		DATE		202007-SD-05	
AMENDMENTS		CONSULT ENG.		DATE		DATE		DATE		DATE	
1 27/07/2021 FOR INFORMATION NOT CONSTRUCTION		DATE		DATE		DATE		DATE		DATE	
0 31/06/2021 PRELIMINARY DESIGN		DATE		DATE		DATE		DATE		DATE	