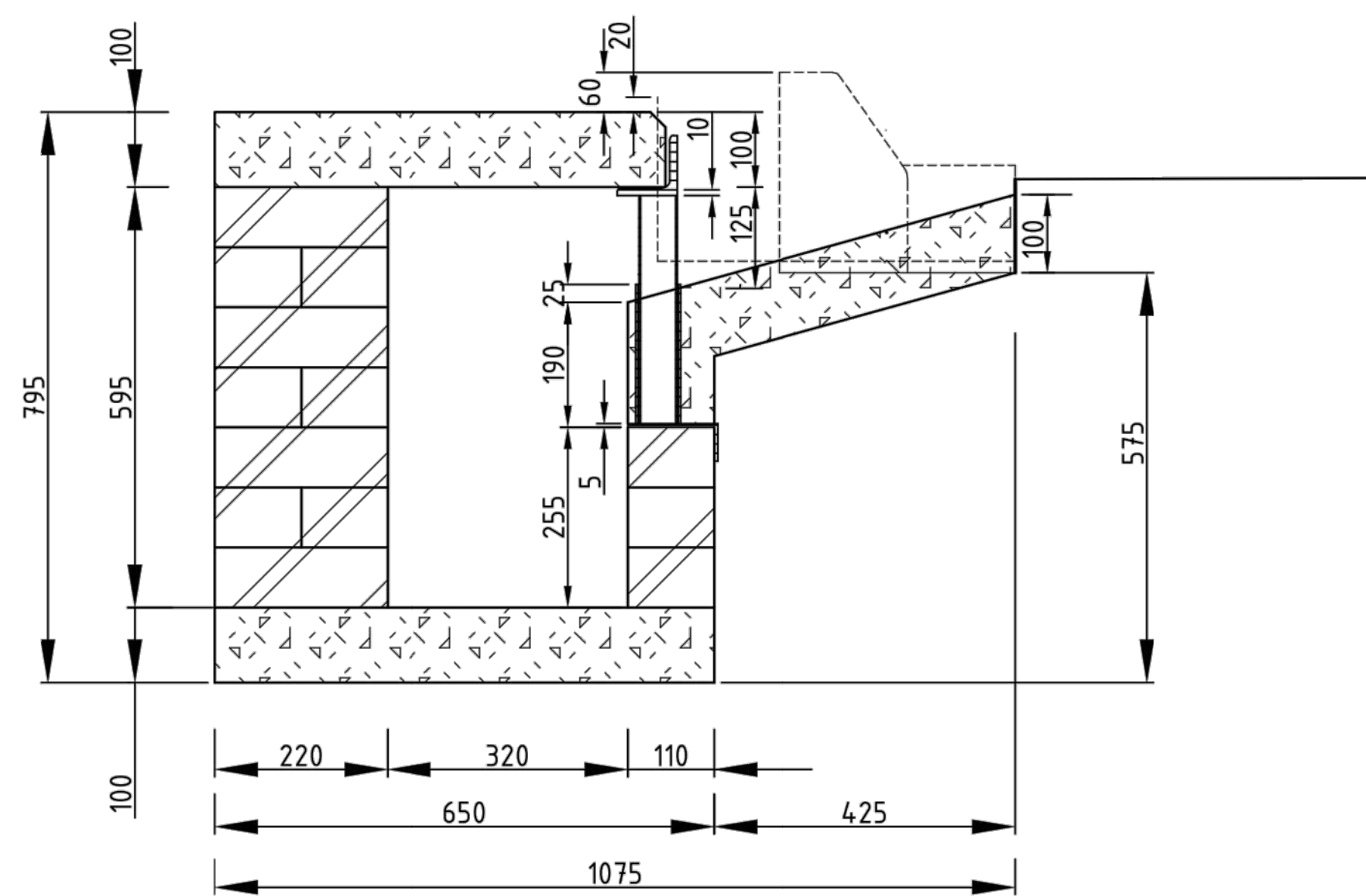


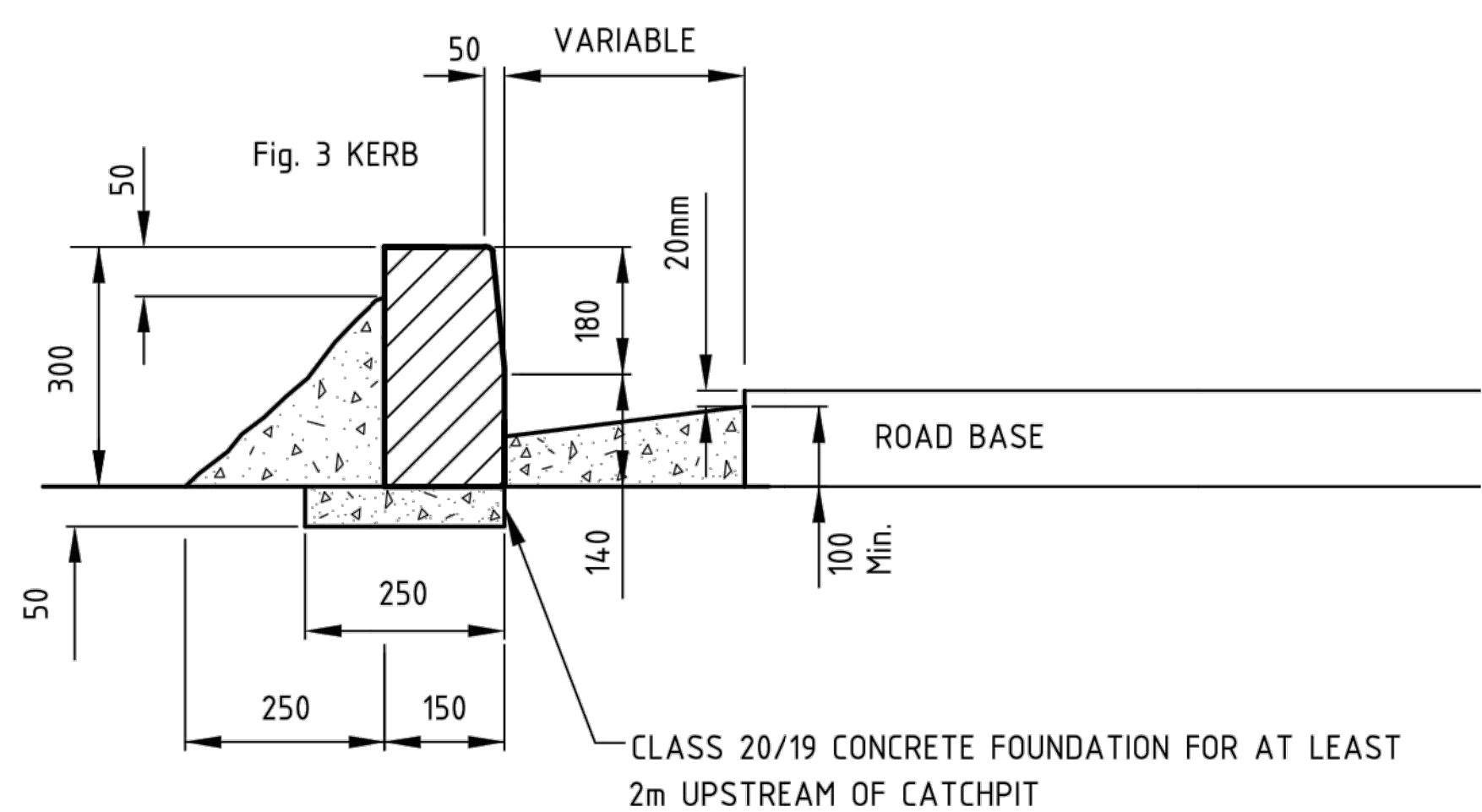
CATCHPIT AND KERB TRANSITION

SCALE 1:25



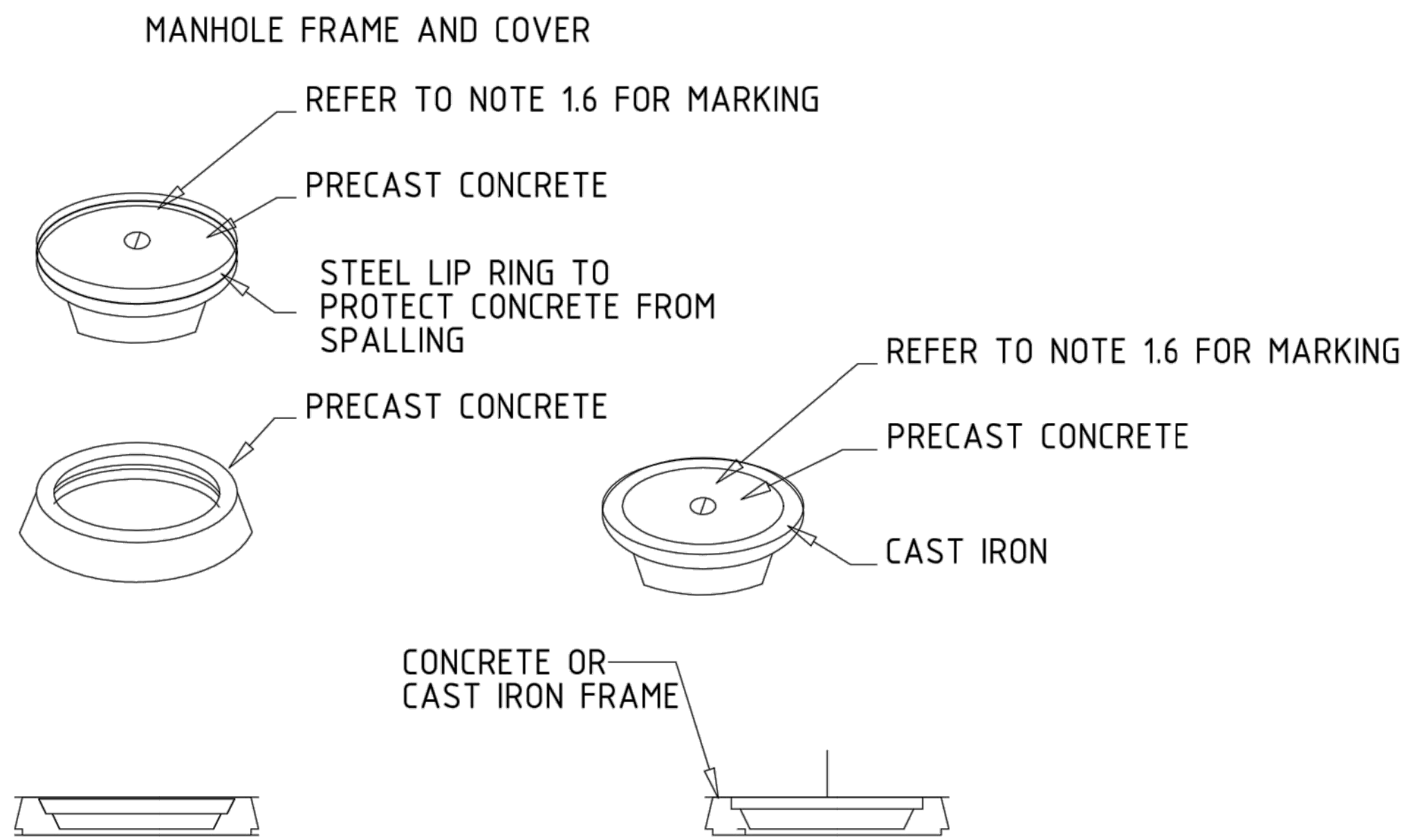
SECTION C-C

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:

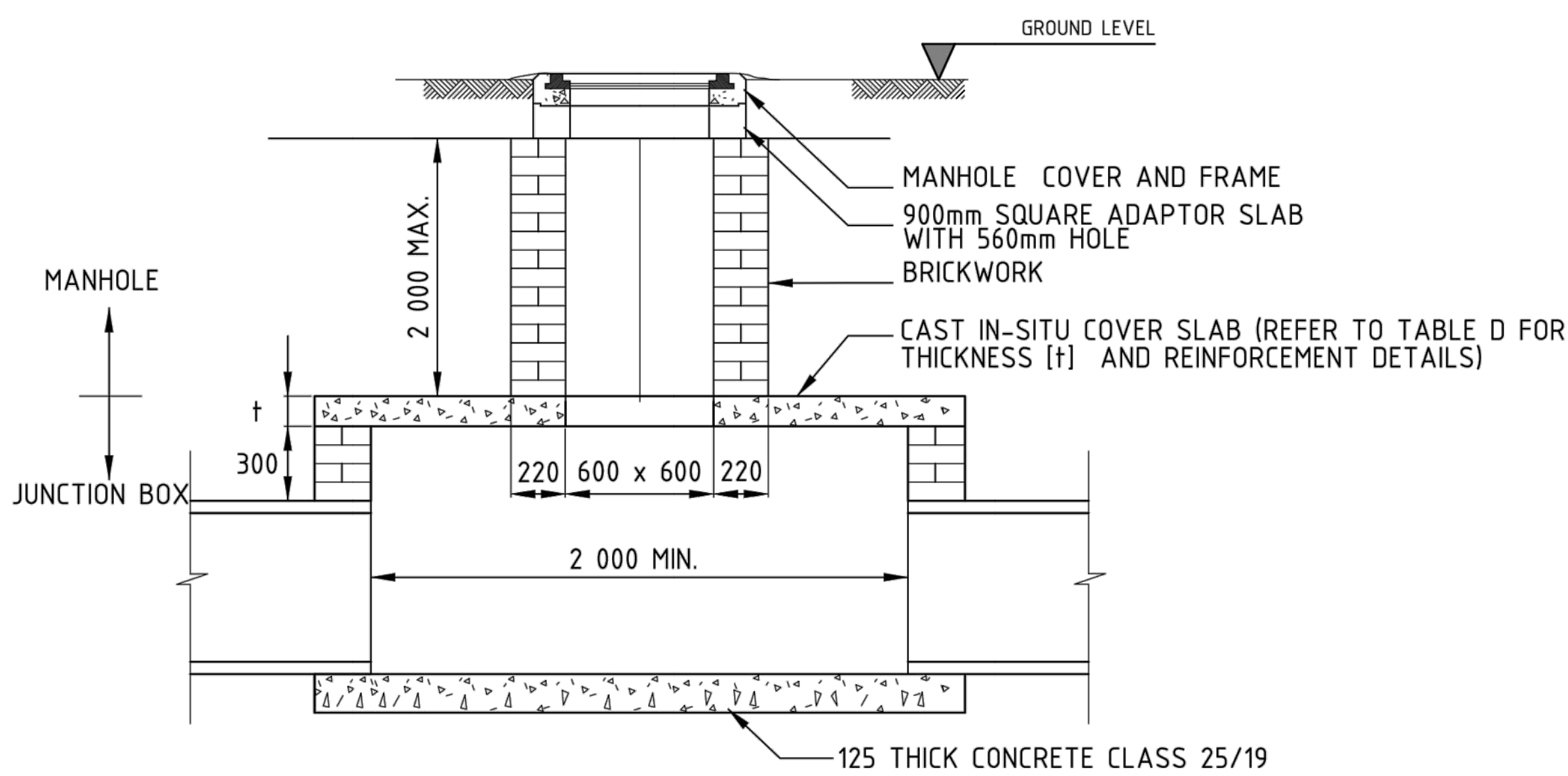
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCHITECT'S DRAWINGS
2. ALL CONCRETE MIXES TO BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION
3. FOUNDATION EXCAVATIONS TO BE APPROVED BY THE ENGINEER PRIOR TO CASTING OF THE BLINDING LAYER

CONCRETE NOTES:

1. CONCRETE CLASS: REINFORCED CONCRETE AND SURFACE BEDS CLASS 35/19
2. 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.
3. ALL DIMENSIONS TO BE CONFIRMED ON SITE.
4. CONCRETE TO COMPLY WITH SANS 1200G AND ESKOM CONCRETE SPECIFICATION NO 84CIVL053.
5. CURING METHOD STATEMENT TO BE APPROVED BY THE ENGINEER
6. MAXIMUM SOIL BEARING CAPACITY (SLS) = 175kPa.

MANHOLE FRAME AND COVER

SCALE 1:20



MANHOLE & JUNCTION BOX

SCALE 1:20

TABLE C: USE OF MANHOLES AT JUNCTION BOXES	
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

TABLE D: REINFORCEMENT DETAILS FOR CAST IN-SITU COVER SLABS (Note: B < L)		
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:		GOUDKOPIES LANDFILL SITE PROJECT		FILE No	TYPE OF PLANNING
								MAVIMBELA QUANTITY SURVEYORS		PIKITUP JOHANNESBURG SOC LTD				-	DETAIL DESIGN
								15 FIDDES STREET BRONKHORSTSPRUIT 1020 Tel: (013) 973 0144 Fax:		JURISSEN PLACE 66 JURISSEN STREET BRAAMPONTAIN Tel: (011) 712 5200 Fax: (011) 712 5322				AGREEMENT No	CONTRACT No
for CONSULTANT		for HEAD OF DEPARTMENT		1 27/07/2021 FOR INFORMATION NOT CONSTRUCTION				DESIGNED BY: _____		a world class African city				ROAD No.s	SCALE
				0 31/06/2021 PRELIMINARY DESIGN				DESIGNED CHECKED BY: _____						-	N.T.S
DATE: _____ DATE: _____		No DATE AMENDMENTS		CONSULT ENG. _____		for DEPUTY DIRECTOR DESIGN DATE _____		Prof. Reg. No: _____						DISTRICT	DWG No
								Prof. Reg. No: _____						JOHANNESBURG	202007-SD-05