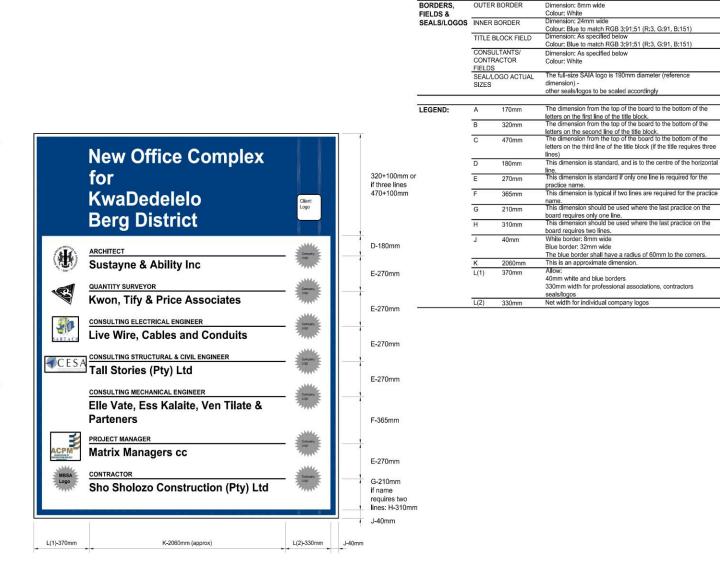
GENERAL LAYOUT

The general layout of the project notice board provides for a project title field in which the project is described and the client is identified. Below the project title field the board is divided into three vertical areas. The left hand side of this area is reserved for the seals/logos of the constituents of the BEP Grouping whose members may be commissioned to deliver professional services to the project. The central area is for listing the professional consultants on the project and the right hand area may be used for displaying individual company logos and any additional affiliation which the consultant may have in the BEP Grouping g dual membership of SAIA and SABTACO.

RECOMMENDATIONS

- 1 The names of all professional consultants involved in the project and the main contractor should be displayed on the project notice board.
- 2 Only bone fide members of the five constituents of the Built Environment Professions Grouping (ACPM, ASAQS, CESA, SABTACO and SAIA) may apply their association's seal/logo to the notice board.
- 3 When applied, this seal/logo is placed to the left of the named discipline and consultant, centered in the vertical space provided and central on the horizontal line separating the discipline name from the consultant's name.
- Where a consultant is a member of more than one of the five BEP Grouping associations, the consultant may elect to display both associations' seals/logos. I this case, one appropriate seal is selected for display on the left hand side of the board while the other seal is displayed on the right hand side above the consultant's own logo (see item 7 below) vertical spacing of the logos may require adjustment.
- 5 Where the contractor is a member of MBSA or SAFCEC these seals may be applied in the same way as the professional associations' seals, ie to the left of the named contractor (see item 3 above).
- 6 All parties are entitled to apply individual company logos in association with their names.
- 7 When applied, the consultants' logos are placed to the right of the named discipline and consultant, centered in the vertical space provided and central on the horizontal line separating the discipline name from the consultant's name.
- 8 The client's seal/logo is placed to the right hand side of the client's name in the bottom right hand portion of the project title field.
- 9 Seals/logos may either all be in full colour and reproduced faithfully according to specification of the association/orgnaisation represented, or all in black and white, as may be agreed by the parties concerned. It is the responsibility of each consultant to ensure that the appropriate information is provided.
- Seals/logos may either be provided in suitable electronic form or as print media, eg seal logo to full size, printed on transparent, adhesive media as supplied by the associations
- 11 Variations which determine the height of the board are indicated.
- 12 The signwriter should be issued with the relevant information for the board as well as copies of recommendation in hardcopy form. Alternatively the signwriter may be issued with the information in electronic form as long as these recommendations are clearly stated and followed.
- 13 Where the architect is not architect, principal consultant and principal agent, the order in which the parties are listed on the project board is by mutual agreement. The contractor is generally the last name to be listed.





STANDARD DETAIL DRAWING

N.T.S. A3

Drawing No.

SG1

TECHNICAL DATA

TITLE BLOCK

PROFFESIONAL

TITLES

PRACTICES & FIRMS

100mm Arial bold upper and lower case letters in white

75mm Arial bold upper and lower case letters in black.

50mm Arial bold upper case letters only in black. Allow 10mm between line and professional titles.

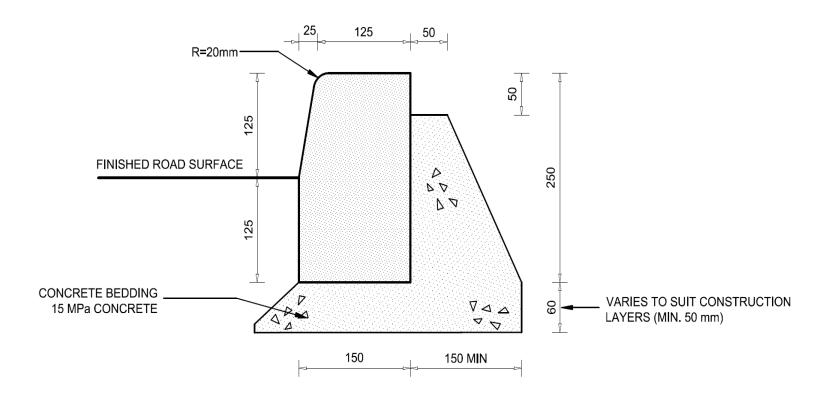
8mm thick in black

Allow 100mm between bottom of line and bottom of lettering

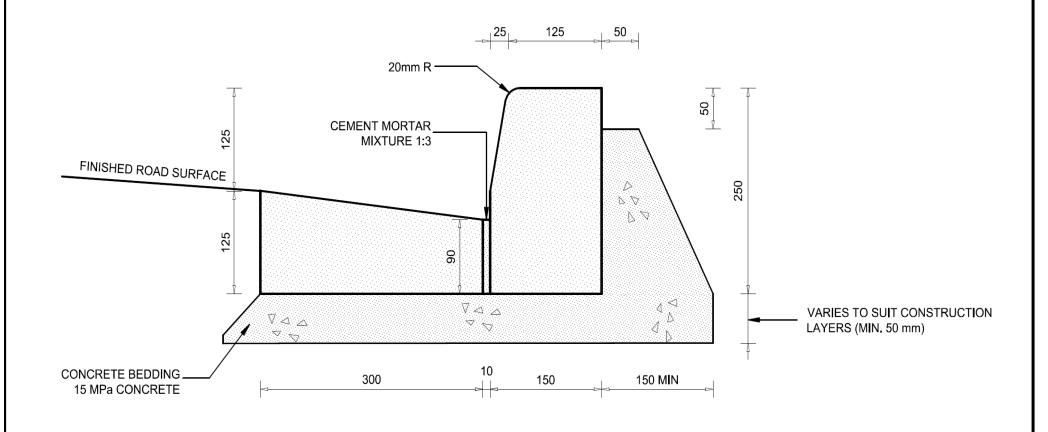
Paper Size

LETTERING &

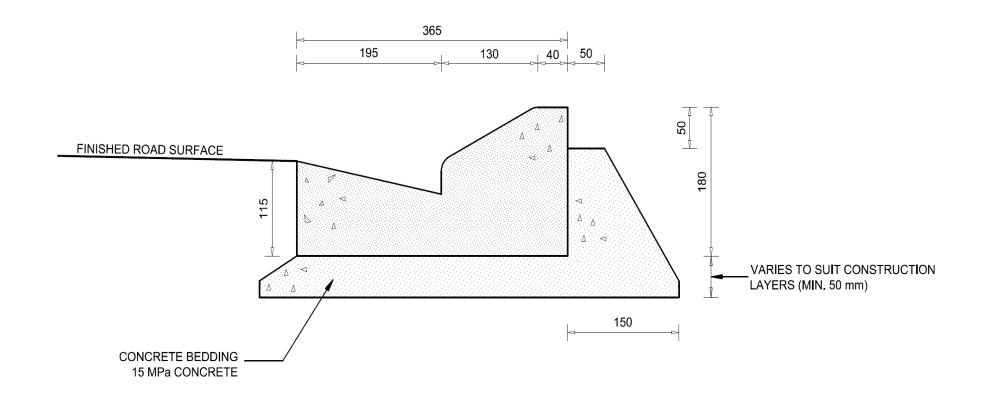
SETTING OUT:



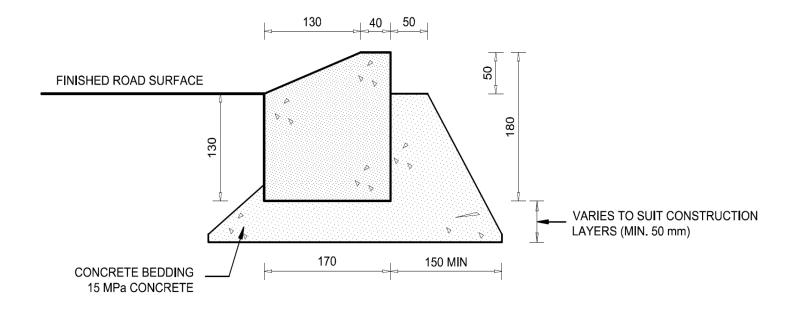
_ A			Scale	Paper S i ze
***	STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK	STANDARD DETAIL DRAWING	1:5	A4
			Draw i ng No.	
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	BARRIER KERB : TYPE BK2	SF	₹6



			Scale	Paper S i ze
<u></u>	STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK	STANDARD DETAIL DRAWING	1:5	A4
		BARRIER KERB : TYPE BK2 & C1	Drawing No.	
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY		SF	२ ७

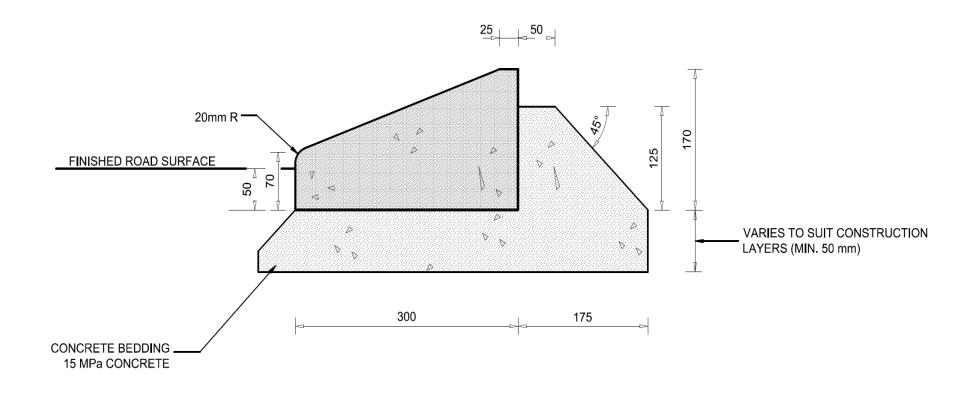


A			Scale	Paper S i ze
<u></u>	STELLENBOSCH STELLENBOSCH PNIEL FRANSCHHOEK	STANDARD DETAIL DRAWING	1:5	A4
			Draw i ng No.	
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	MOUNTABLE KERB : TYPE CK5	SF	₹8



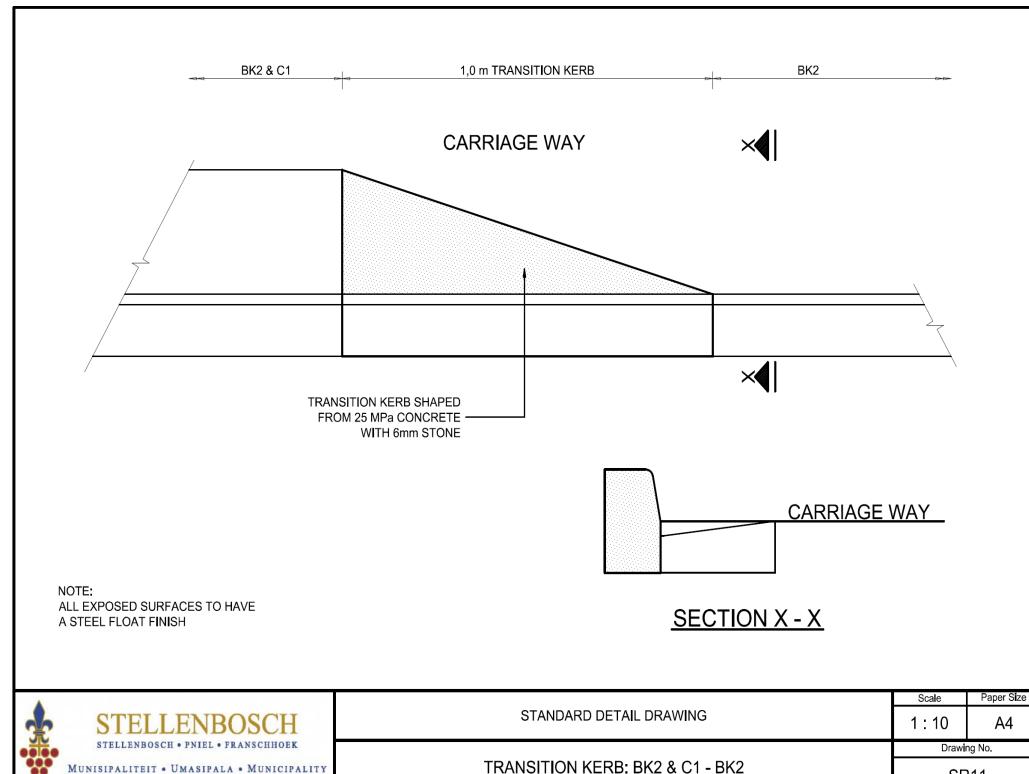
*	STELL ENBOSCH	I
洗	STELLET DOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK	ŀ
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	

	Scale	Paper Size
STANDARD DETAIL DRAWING	1:5	A4
	Drawin	ng No.
MOUNTABLE KERB : TYPE MK10	SF	₹9

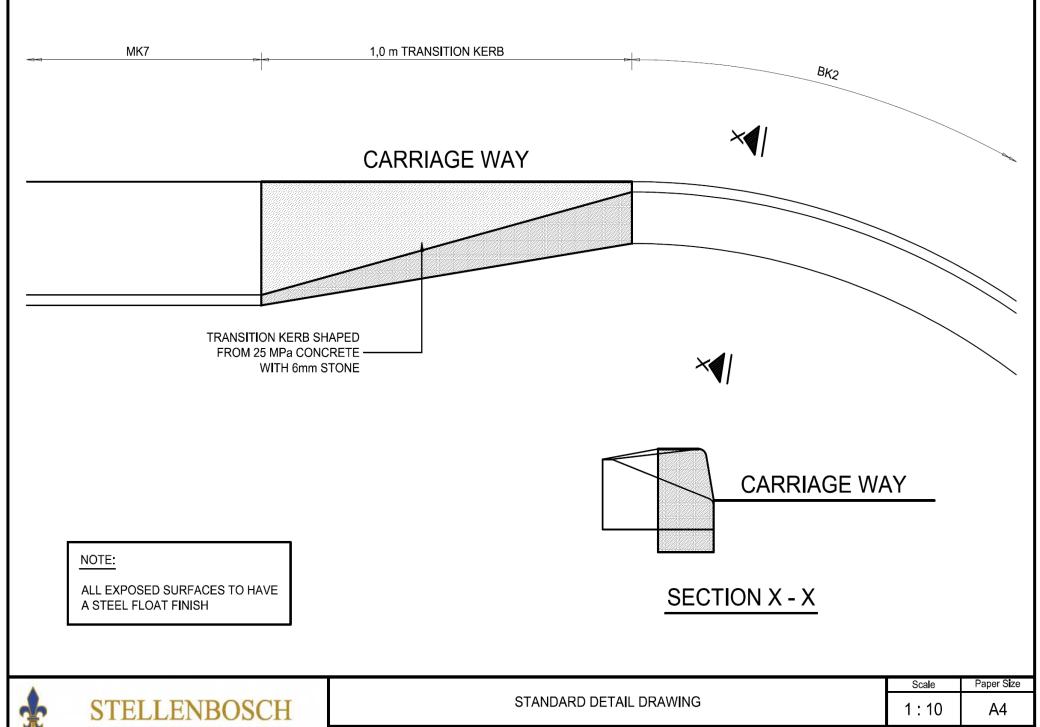


•	CTELL ENDOCCH	
采	STELLENBUSCH STELLENBOSCH • PNIEL • FRANSCHHOEK	ŀ
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	

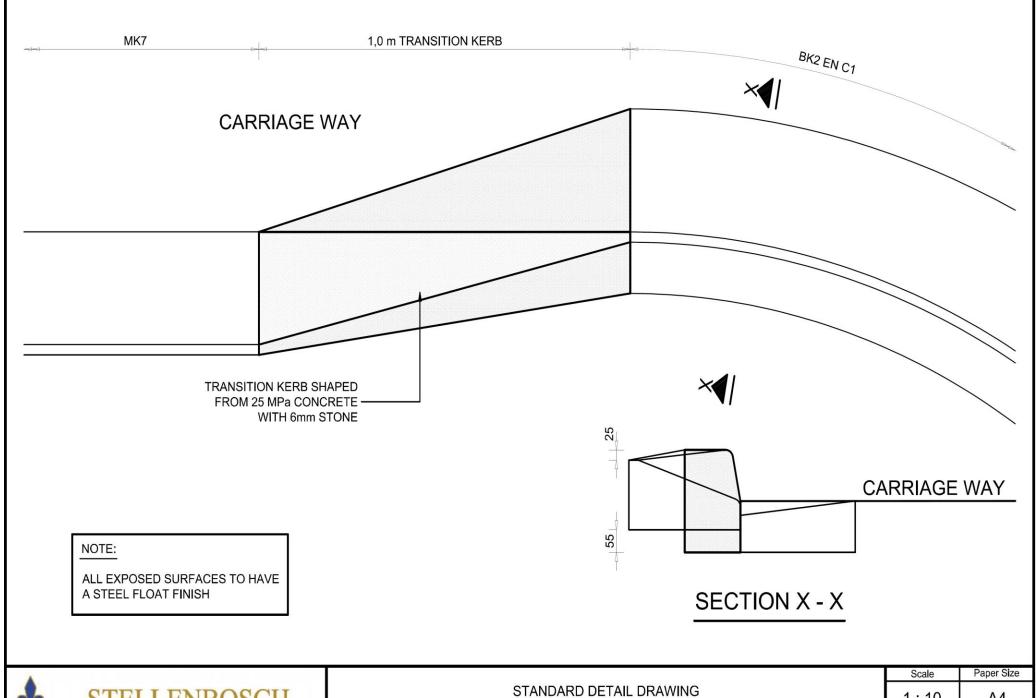
	Scale	Paper Size
STANDARD DETAIL DRAWING	1:5	A4
	Draw i r	ng No.
MOUNTABLE KERB : TYPE MK7	SR	R10



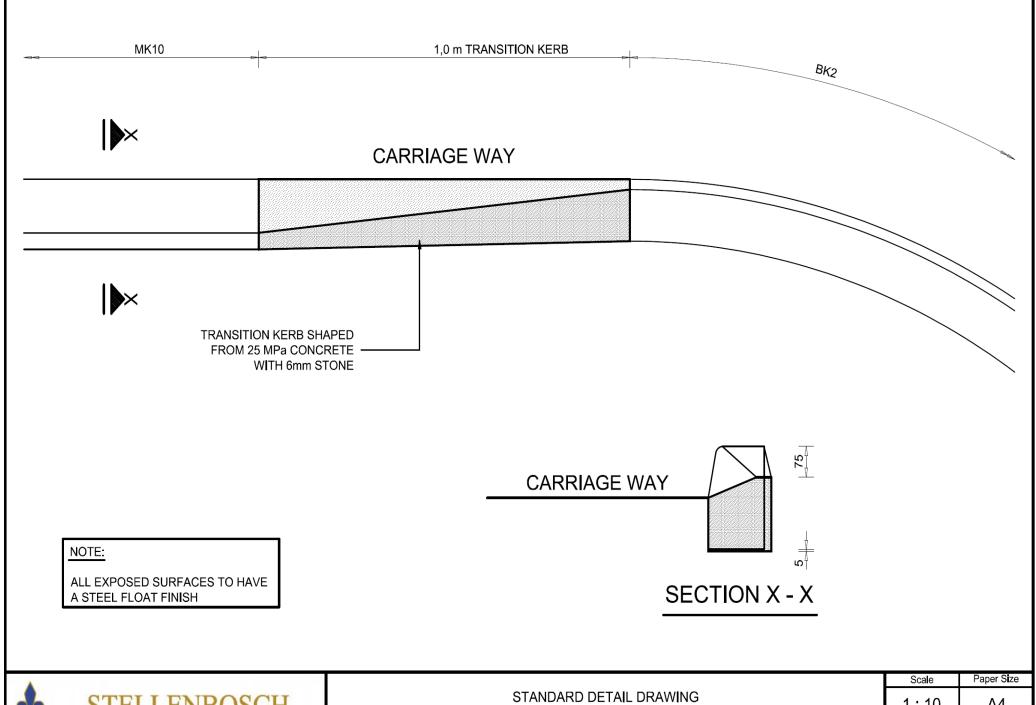
SR11



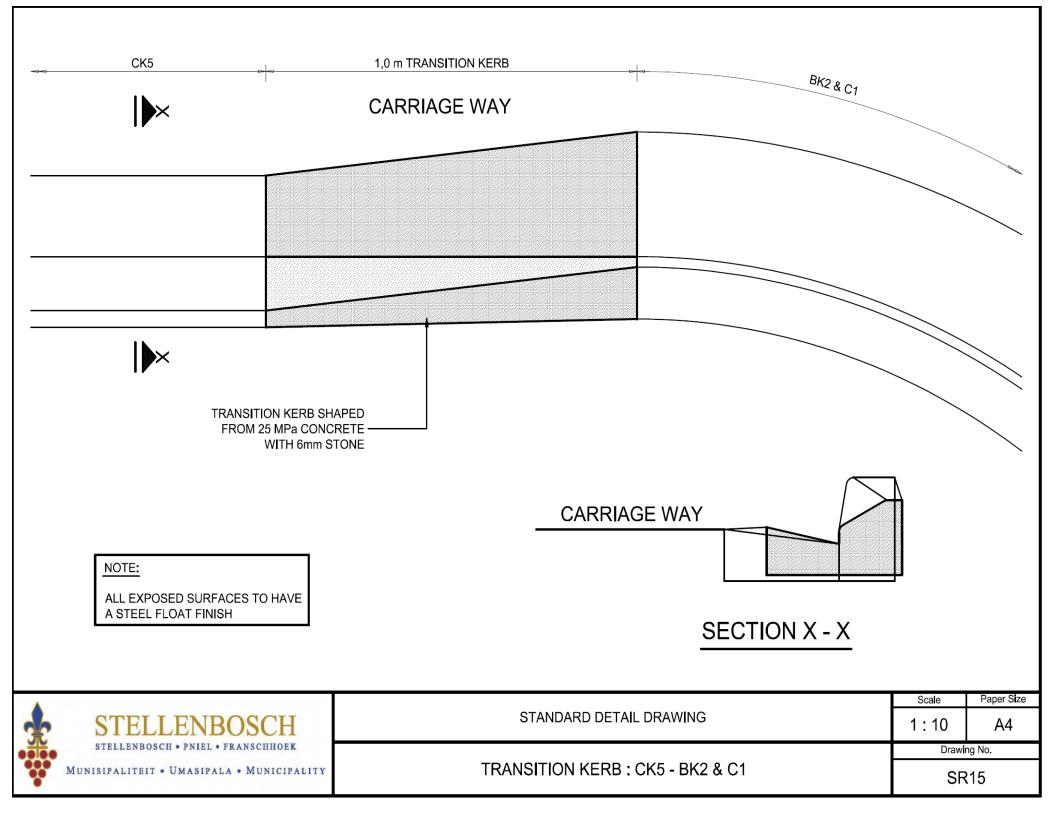
A			Scale	Paper Size
*	STELLENBOSCH	STANDARD DETAIL DRAWING	1:10	A4
0000	STELLENBOSCH • PNIEL • FRANSCHHOEK		Drawing No.	
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	TRANSITION KERB : MK7 - BK2	SR	12

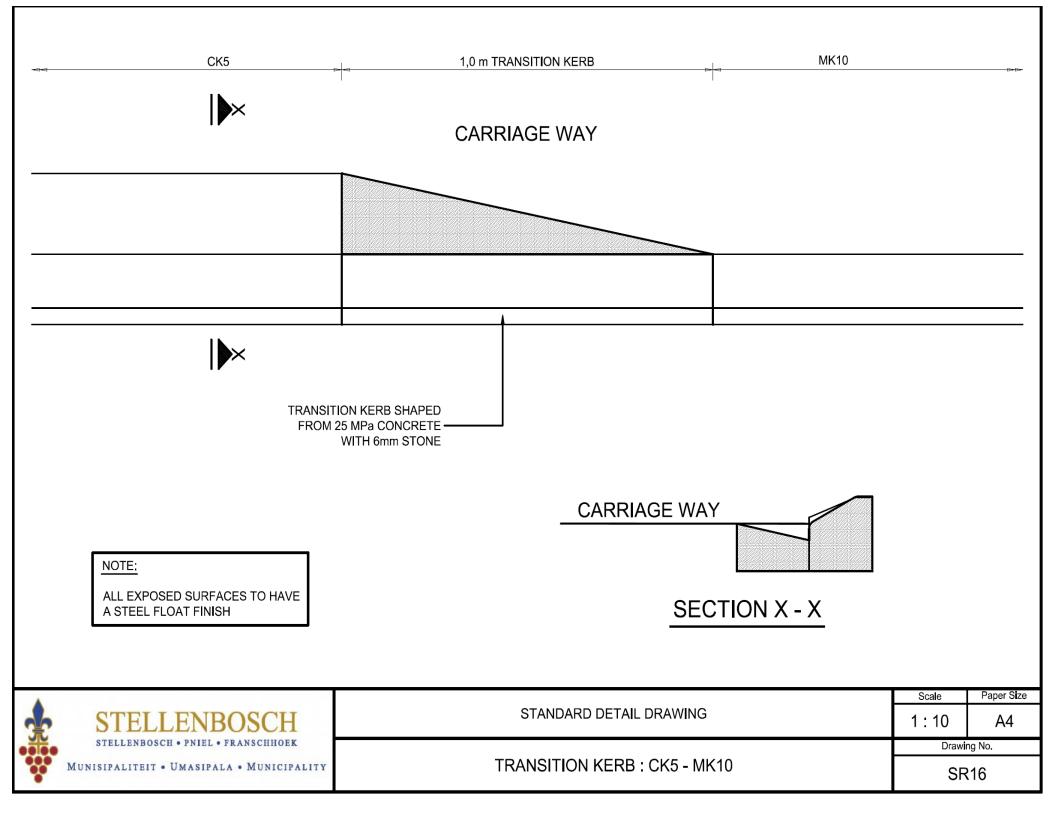


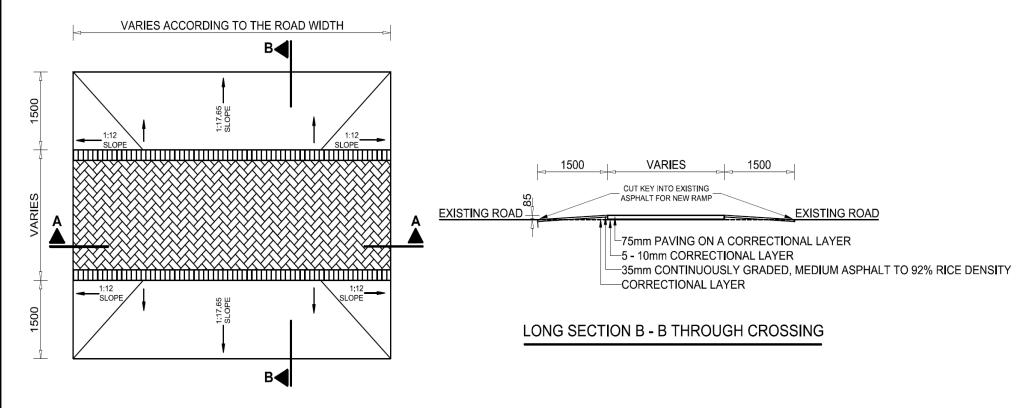
			Scale	Paper Size
	STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK	STANDARD DETAIL DRAWING	1 : 10	A4
			Drawing No.	
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	TRANSITION KERB : MK7 - BK2 & C1	SR	13



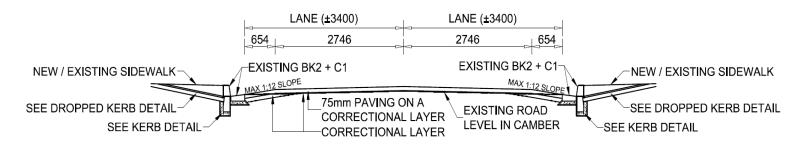
A		STANDARD DETAIL DRAWING	Scale	Paper S i ze
	STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK		1:10	A4
		K	Draw i ng No.	
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	TRANSITION KERB : MK10 - BK2	SR	114





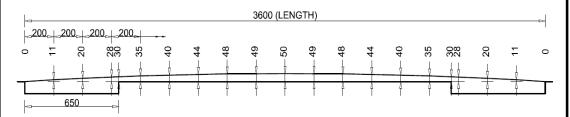


RAISED PEDESTRIAN CROSSING PLAN

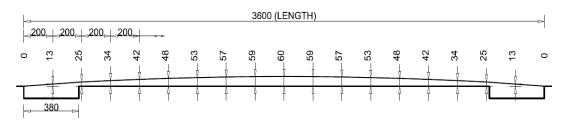


CROSS SECTION A - A THROUGH CROSSING

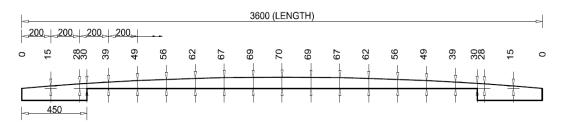
A		STANDARD DETAIL DRAWING	Scale	Paper S i ze
	STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK		N.T.S.	A4
			Drawing No.	
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	TYPICAL RAISED PEDESTRIAN CROSSING	SR	22



50mm SPEED HUMP PROFILE (50km/h)



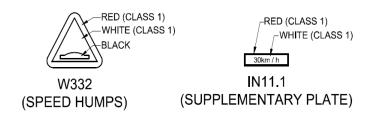
60mm SPEED HUMP PROFILE (40km/h)

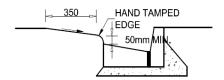


70mm SPEED HUMP PROFILE (30km/h)

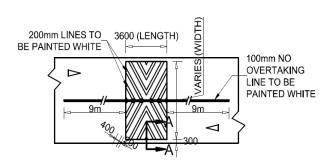
NOTES:

- 1, SPEED HUMPS SHOULD NOT BE PLACED AT DRIVEWAY ENTRANCES OR STORMWATER GULLIES.
- W332 AND IN11.1 SHOULD PREFFERABLY BE LOCATED WITHIN 30m AHEAD OF FIRST SPEED HUMP WHEN A SERIES OF SPEED HUMPS ARE USED.
- SIGN MUST BE ERECTED BEFORE AND ROAD MARKINGS PROVIDED IMMEDIATELY AFTER CONSTRUCTION, ALLOW PREMIX TO COOL BEFORE PAINTING.
- 4. SPEED HUMP TO BE CONSTRUCTED FROM PREMIX 'TYPE A'. TACK COAT TO BE APPLIED ON ROAD SURFACE BEFORE CONSTRUCTION.

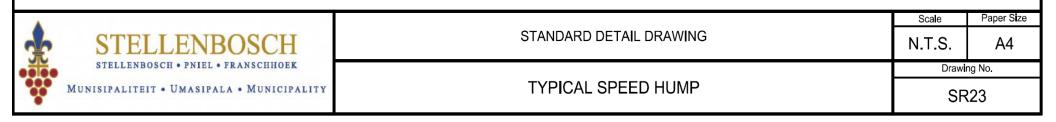


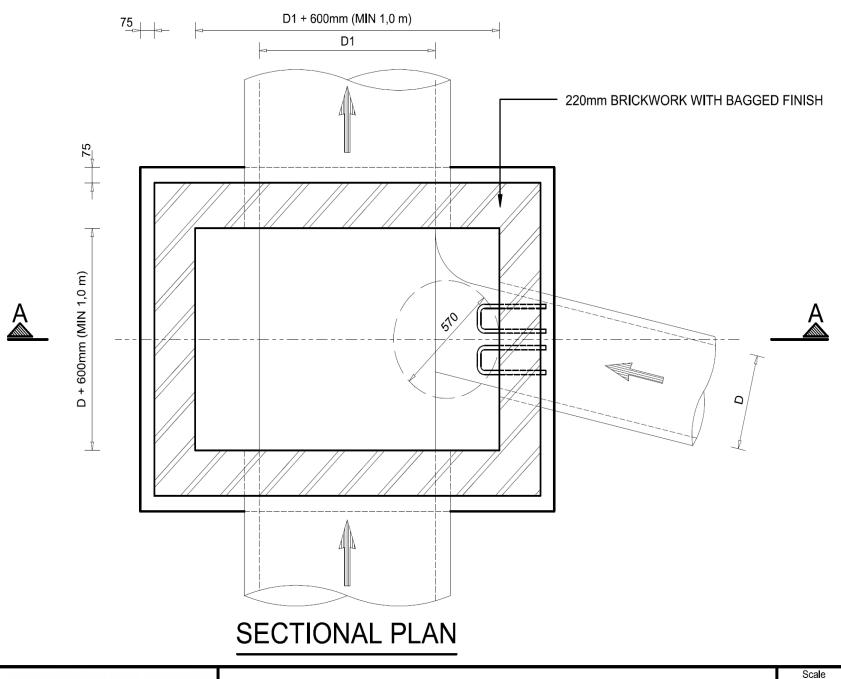


EXISTING KERB AND CHANNEL CROSS - SECTION THROUGH A - A



WM10 SPEED HUMP

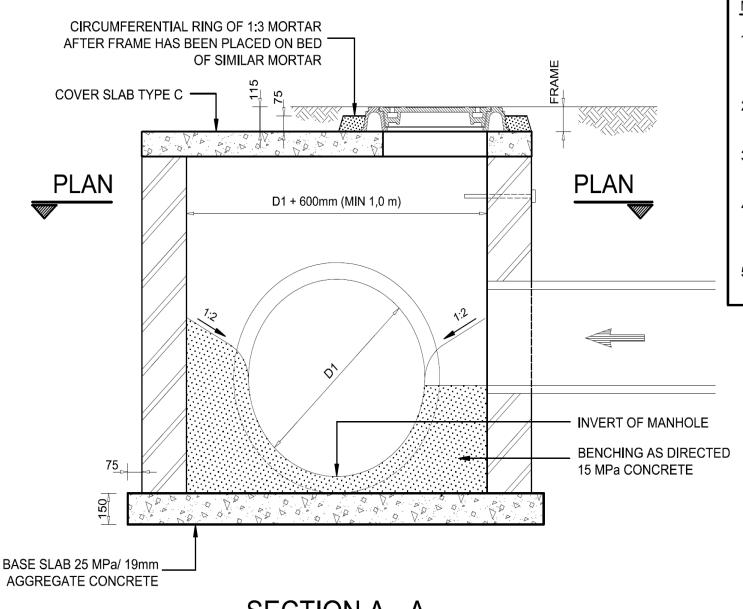




	OTEL I ENDOGOLI
CAL	STELLENBOSCH
9000	STELLENBOSCH • PNIEL • FRANSCHHOEK
	MUNISIPALITEIT • UMASIPALA • MUNICIPALITY

STANDARD DETAIL DRAWING	1:20	A4
	Drawi	ng No.
MANHOLE : TYPE C - PLAN (1 OF 2)	SS	\/\/1

Paper Size



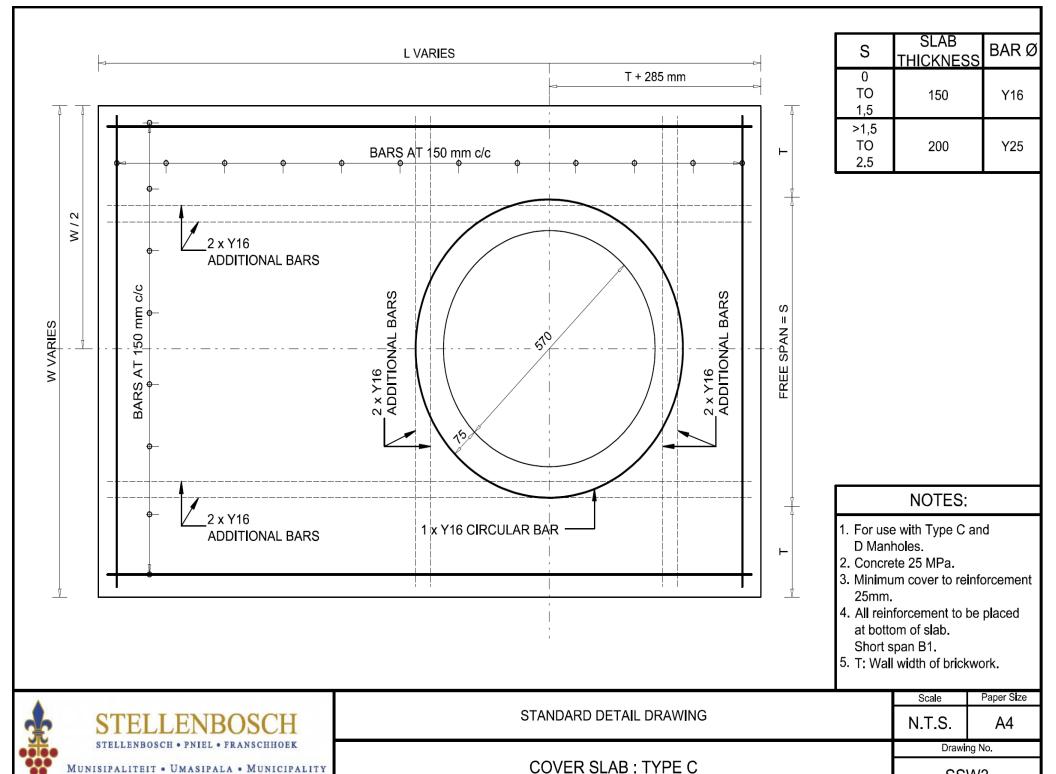
NOTES:

- 1. HINGED DUCTILE IRON COVER AND FRAME: SANS 50124 CLASS D400 SECUREZ Z-600-D (LOCKABLE) OR SIMILAR APPROVED
- 2. FOR USE WHERE DEPTH FROM COVER TO INVERT LEVEL IS 2,5M OR LESS.
- 3. STEP IRONS TO BE INSTALLED WHERE DEPTH FROM COVER TO INVERT IS MORE THAN 1,0M.
- STEP IRONS SHALL HAVE A VERTICAL SPACING OF 300MM AND BE STAGGERED ALTERNATIVELY LEFT AND RIGHT AT 300MM C/C.
- 5. PIPE AND BENCHING ARRANGEMENT TYPICAL. VARIES WITH LAYOUT.

SECTION A - A

STELLENBOSCH
STELLENBOSCH • PNIEL • FRANSCHHOEK
MUNISIPALITEIT • UMASIPALA • MUNICIPALITY

	Scale	i apci Oizo
STANDARD DETAIL DRAWING	1:20	A4
	Drawi	ng No.
MANHOLE : TYPE C - SECTION (2 OF 2)	SS	 W2



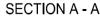
SSW3

MUNISIPALITEIT . UMASIPALA . MUNICIPALITY



- 1. BENCHING REQUIRED TO PREVENT STANDING WATER.
- 2. BRICKWORK ENGINEERING CLASS NFX
- 3. MORTAR FOR BRICKWORK TO BE 1:3
- 4. WHERE DEPTH > 1000 USE STANDARD SW MANHOLE

PRECAST CONCRETE SLAB 500 **ACCESS SHAFT OFFSET** TO SUIT STEP IRONS HINGED COVER AND FRAME: DUCTILE IRON CLASS B125 (SANS 50124) SAINT GOBAIN (AKSESS RANGE) OR SIMILAR APPROVED ROAD OR FOOTWAY LEVEL (OR AS DIRECTED BY ENGINEER) 1500 MORTAR 1:3 BEDDING AND BACKING TROWEL FINISH **ARIES MAX 1500** MIN. 1 COURSE, MAX. 3 COURSES BRICKWORK 600 **PLAN** PRECAST CONCRETE COVER SLAB PRECAST CONCRETE RING 1000 DIA. 300 PERFORMED PETROLATUM FLEXIBLE JOINING COMPOUND MORTAR 1:3 BEDDING AND BACKING TROWEL FINISH BRICKWORK — 110mmØ OR 160mmØ SUB-SOIL PIPE CONCRETE SLAB GRADE 20/19 TROWEL FINISH MIN, MESH REINFORCEMENT REF NO. 311 OR AS DIRECTED BY THE ENGINEER 1000





STANDARD DETAIL DRAWING

N.T.S. A4

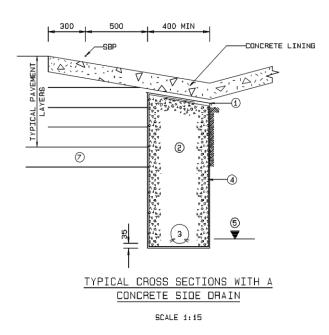
Scale

Paper Size

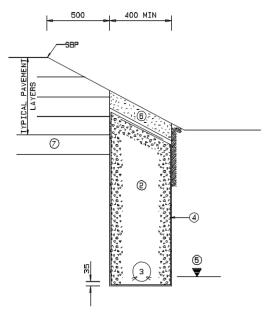
MANHOLE FOR SUB SURFACE DRAIN

SSW19

Drawing No.

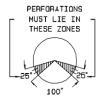


N	0.	DESCRIPTION
	1 2 3 4 5	150 MICRON POLYETHYLENE SHEETING FILTER STONE: 19,0mm NDMINAL SIZE STONE PERFORATED PIPES (MINIMUM 100mm DIA.) BRADE 2 DR GRADE 3 GEDTEXTILE AS REQUIRED LEVEL TO WHICH SURROUNDING AREA IS TO BE DRAINED
	5 7	SOIL CEMENT SEAL USING STIFF MIXTURE AS DESCRIBED IN CLAUSE 2211 DF THE CDLTO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE NORKS DRAINABLE SELECTED SUBGRADE LAYER, IF REQUIRED



TYPICAL CROSS SECTIONS WITH AN UNLINED EARTH SIDE DRAIN

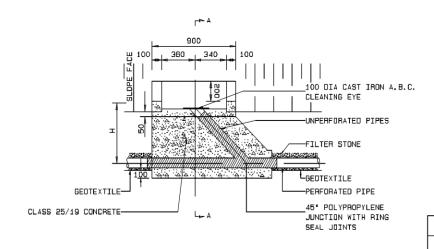
5CALE 1:15



DETAIL OF PERFORATIONS

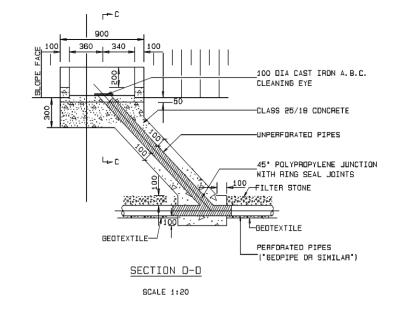
N.T.5.

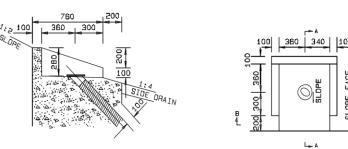
INDEX ND.	МО	AMENDMENTS	APPROVED	DATE	PROVINCIAL ADMINISTR	ATION : WESTERN CAPE	DRAWN BY	AFRICON			INDEX NO.		
WCS/21/3/C2	Ħ				TRANSPOR			SCALE		SCALE : AS SHOWN		SUBSURFACE DRAINAGE	WCS/21/3/C2
	+			+			CHECKED BY				 		
PLAN ND.	\Box				B. H. W. VELDMAN	SEPTEMBER 2000	FILE NO.		A2 ORIGINAL	DETAILS OF SUBSURFACE SYSTEMS	PLAN ND.		
SHEET 2 OF 4				+-	DHIEF DIRECTOR BATE APPROVED			7,2 5,125,17,2		SHEET 2 OF 4			



SECTION B-B

SCALE 1:20





SECTION A-A SCALE 1:20

PART PLAN

1:2 100 360 300 100 SECTION C-C

Ļ-□

PART PLAN

┌┺ C

360 | 340 | 100

SLOPE

SCALE 1:20

CLEANING EYE TYPE 1 $(H \le 1000)$

CLEANING EYE TYPE 2 (H > 1000)

INDEX NO.	ND	AMENOMENTS	APPROVED	DATE	DOUATHLE Y YUNTALETO	ATTON - WERTERN CARE	DRAWN BY AFRICON			INDEX NO.
WCS/21/3/C3	\parallel					PROVINCIAL ADMINISTRATION: WESTERN CAPE TRANSPORT BRANCH		SCALE : N.T.S.	SUBSURFACE DRAINAGE	WCS/21/3/C3
	₩			+			CHECKED BY			†
PLAN NO.	\Box				B. H. W. VELDMAN	SEPTEMBER 2000	FILE HG.	A2 DRIGINAL	TYPICAL DETAILS OF CLEANING EYES	PLAN NO.
SHEET 3 OF 4	H				CHIEF DIRECTOR	DATE APPROVED				SHEET 3 DF 4

NOTES

(a) WHERE NO HAZARD IS CAUSED TO TRAFFIC OR MAINTENANCE IN THE ROAD RESERVE

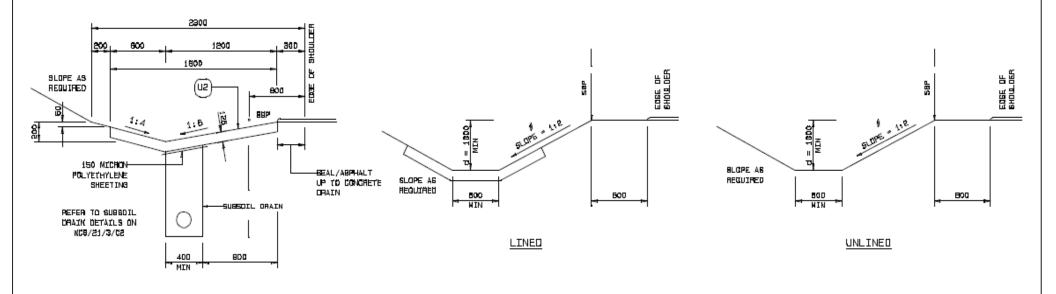
1. PDSITION OF CLEANING EYES :

(b) CLEARLY VISIBLE 2. MAXIMUM SPACING: 100m LEGENO

58P - SHOULDER BREAK POINT

- LINLEGS OTHERWISE INDICATED IN THE PROJECT SPECIFICATIONS

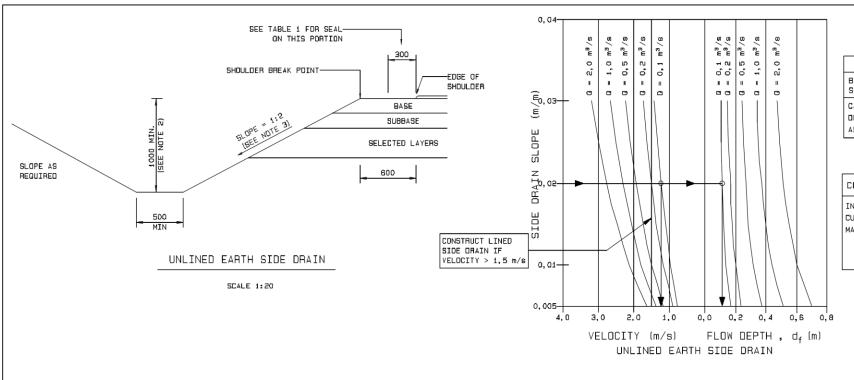
CONCRETE SIDE DRAIN
SCALE 1:20



APPLICATION CRITERIA	- SLOPE < 0,5% - SLOPE > 2,0% - WHERE SPECIFIED BY THE ENGINEER	WHERE SPECIFIED BY THE ENGINEER	• 0,5% < SLOPE < 2,0% • WHERE SPECIFIED BY THE ENGINEER
9UBSGIL DRAIN	CONPULSORY	WHERE GPECIFIED BY THE ENGINEER SUBJECT TO APPROVAL OF THE PROVINCIAL AUMINISTRATION WESTERN CAPE	WHERE GPECIFIED BY THE ENGINEER SUBJECT TO APPROVAL OF THE PHOVINCIAL ADMINISTRATION WESTERN CAPE

EARTH SIDE DRAIN BCALE 1:20

INDEX NO.	1 TABLE 1 AND ROTE ANDER	APPROXID	DATE	PROVINCIAL ADVINCERE	PROVINCIAL AUNITAGERATION : MEETERN CAPE. B		PROVINCIAL ADMINISTRATION : WESTERN CAPE			DIDE DOLLAR	INDEX NO.
WCS/23/3/01	BURNARIO LE TO CRUDI	BLH. S. V.				SCALE : AS SHOWN		SIDE DRAINS	WCS/23/3/D1		
	++	+	+			CMEDIEDI BA.			1		
PLAN NO.				B. H. N. VELDKAN	NAY BOOL	FOLE HOL	A2 ORIBINAL	TYPICAL SIDE DHAIN SECTIONS	PLAN NO.		
SHEET 1 OF 2		+		AND DECIM	DATE ATTRACT]	· · · · · · · · · · · · · · · · · · ·	SHEET 1 OF 2		



	TABL	E 1			
BITUMINOUS SURFACING	APPL	.ICAT1	101	1	
CAPE SEAL	PRIME	CDAT	+	2nd	SLURAY
DOUBLE SEAL	PRIME	CDAT	+	7mm	STONE
ASPHALT	PRIME	CDAT			

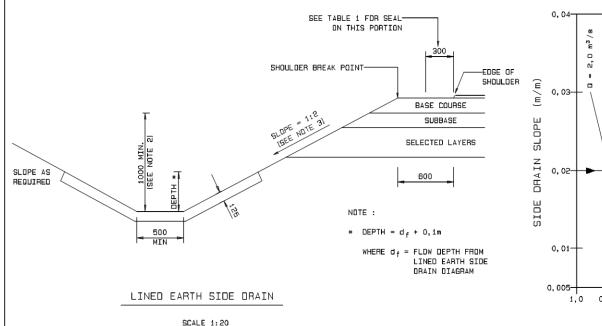
CONSTANTS USED IN CALCULATIONS

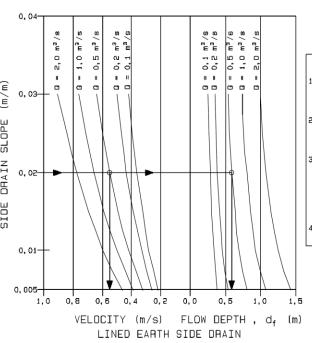
INVERT WIDTH = 0,5m

CUT SLOPE = 1:1,5

MANNING CONSTANT = 0,022 FOR
UNLINED DRAINS

= 0,012 FOR CONCRETE LINED DRAINS





NOTES :

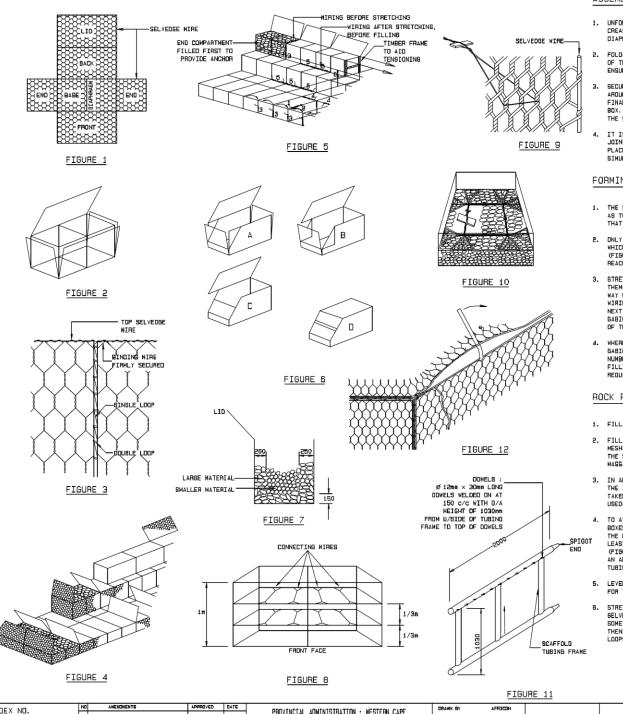
- 1. APPLICATION CRITERIA
 (a) 0,5% < SLOPE < 2,0%
 (b) IF REQUIRED BY THE ENGINEER
- 2. USE THE UNLINED EARTH SIDE DRAIN
 DIAGRAM TO DETERMINE WHETHER A
 LINED SIDE DRAIN IS REQUIRED.
- 3. WHERE THIS DEPTH CANNOT BE ACHIEVED, SHALLOWER DEPTHS MAY BE PERMITTED SUBJECT TO APPROVAL BY THE ENGINEER. IN SUCH CASES THE ENGINEER MUST DETERMINE WHETHER A SUBSUIL DRAIN IS REQUIRED.
- 4. UNLESS OTHERWISE INDICATED IN THE PROJECT SPECIFICATION

INDEX NO. WCS/23/3/D2

PLAN NO.

SHEET 2 OF 2

INDEX NO.	NO	AHENDHENTS	APPROVED	DATE	DOGNINGIA ADMINISTO	ATTOM - MERTERN CARE	DRAWN BY AFRICON			
					PROVINCIAL ADMINISTR		THE COURT	SCALE : AS SHOWN	SIDE DRAINS	
WCS/23/3/D2	Н			-	TRANSPOR	T BRANCH	DEGIGNED BY	BBALL I AB GIBIN		
51 AN AND	Н			_			CHECKED BY	A2 ORIGINAL	EARTH SIDE DRAINS	
PLAN NO.	\Box				B. H. W. VELDMAN	SEPTEMBER 2000	FILE NO.			
SHEET 2 OF 2	Н			_	CHIEF DIRECTOR	DATE APPROVED		NE DITTITIALE	EAITH GIBE BHAINB	
SHEET E OF E	П				CHIEF CLIRECTUR	DATE APPROVED				



ASSEMBLY :

- UNFOLD EACH GABION ON A HARD FLAT SURFACE. STRETCH IT OUT AND STAMP OUT ANY KINKS. MAKE SURE THAT ALL
 CREASES ARE IN THE CORRECT POSITIONS FOR FORMING THE BOX ONE AT THE EDGE OF EACH PANEL AND EACH
 DIAPHRAGM [FISURE 1].
- FOLD THE SIDE AND END PANELS INTO THE UPRIGHT POSITION TO FORM A RECTANGULAR BOX. JOIN THE TOP CORNERS
 OF THE BOX TOGETHER WITH THE THICK SELVEDGE WIRE STICKING DUT FROM THE CORNERS OF EACH PANEL. THIS
 ENSURES THAT THE TOPS OF ALL FOUR SIDES OF THE BOX ARE LEVEL (FIGURE 2).
- 3. SECURING THE BINDING MIRE AROUND THE TOP SELVEDGES OF THE PANELS TO BE JOINED TOSETHER, LACE THE MIRE AROUND THE TWO EDGE SELVEDGES MITH SINGLE LODPS AND DOUBLE LODPS IN TURN AT 100mm INTERVALS (FIGURE 3). FINALLY, FASTEN THE MIRE SECURELY AT THE BOTTOM CONNER SELVEDGES AND POKE THE LODSE END INSIDE THE GABION BOX. THEN LIFT THE DIAPHRAGMS INTO THE VERTICAL POSITION AND WIRE THEM UP TO THE SIDE PANELS IN EXACTLY THE SAME MAY, THE TIGHTNESS OF THE MESH AND WIRING IS SESSENTIAL AT ALL ITHES.
- I. IT IS 600D CONSTRUCTION PRACTICE TO LACE SMALL GROUPS OF BABION BOXES TOGETHER AS COMPLETE SECTIONS BEFORE JOINING THEM TO THE REST OF THE STRUCTURE, USING EXACTLY THE SAME METHOD AS FOR ASSEMBLING SINGLE BOXES. PLACE THEM FRONT TO FRONT AND BACK TO BACK, SO THAT PAIRS OF FACING LIDS CAN LATER BE WIRED DOWN SIMULTANEOUSLY (FIGURE 4).

FORMING THE STRUCTURE :

- THE SURFACE ON WHICH THE GABION BOXES ARE TO BE CONSTRUCTED, SHALL BE LEVELLED TO THE SPECIFIED DEPTH SO
 AS TO PRESENT AN EVEN SURFACE. CAVITIES BETWEEN HARD PROTRUSIONS SHALL BE FILLED WITH MATERIAL SIMILAR TO
 THAT BEINS USED FOR FILLING THE GABIONS.
- 2. ONLY ASSEMBLED BOXES, OR GROUPS OF BOXES, SHALL BE POSITIONED IN THE STRUCTURE. THE SIDE OR END, FROM WHICH WORK IS TO PROCEED, SHALL BE SECURELY LACED TO COMPLETED WORK AT ALL CORNERS AND DIAPHRABM PDINTS (FIGURE 5), OR ANCHORED BY ROOS DRIVEN INTO THE GROUND AT THESE POSITIONS. THE ROOS NUST BE SECURED AND REACH AT LEAST TO THE TOP OF THE GABION BOX.
- 3. STRETCH THE OPPOSITE SIDE OF THE BOX OR SECTION BY INSERTING BARG INTO THE BOTTOM CORMERS AND LEVERING THEM FORMARDS SY MEANS OF A WIRE STRAINER OR MINCH. THE TOP AND BOTTOM ARE THEM KEPT STRETCHED IN THIS MAY UNTIL THE BABION HAS BEEN FILLED. WHILE THE BABION IS BEING STRETCHED, ENSURE THAT THE DPPOSITE WIRING OR ANCHORING HAS BEEN PROPERLY CARRIED OUT AND IS NOT PILLIUS APART OR COLLEPSING (FISURE 5) THE NEXT STEP IS TO WIRE ALL THE OTHER SIDES AND ENDS OF THE STRETCHED SECTION TO ADJOINING ALREADY FILLED BABIONS (FISURE 5). THE STROWS INTER-CONNECTION OF ALL UNITS IN A GABION STRUCTURE IS AN IMPORTANT FEATURE OF THE TECHNIQUE AND IT IS THEREFORE ESSENTIAL THAT THE WIRING IS SECURE.
- . MHERE BABION STRUCTURES HITH NON-BECTANGULAR SHAPES ARE SPECIFIED, MODIFICATIONS TO THE BOXES ARE REQUIRED. BABION BOXES ARE FLEXIBLE ENOUGH TO CONFORM TO BENDS DOWN TO A RADIUS DF 25m WITHOUT WITRING. FIRST WIRE A NUMBER OF BOXES TOGETHER AND BEND THEM UP TO THE CURVE SET OUT PREVIOUSLY, HOLDING THEM IN POSITION DURING FILLING. DTHER SHAPES, BEVELS AND MITRES, SHOULD BE FORMED BY CUTTING AND FOLDING THE PANELS TO THE REDUITED ANSIES AND SIZES [FIGURE 6].

ROCK FILLING :

- 1. FILLING SHALL BE CARRIED OUT ONLY WHILST GABION BOXES ARE UNDER TENSION.
- FILLING MATERIAL SHOULD BE HARD DURABLE STONE NOT LARGER THAN 250mm AND NOT SMALLER THAN THE SIZE OF THE MESH. IDEALLY THE STONE SHOULD BE JUST SLIGHTLY LARGER THAN THE MESH SIZE IN DROCK TO ALLOW FLEXIBILITY IN THE STRUCTURE BUT AT THE SAME TIME FILLS THE BABION COMPARTMENTS WITH THE MINIMUM OF VOIDS AND THE MAXIMUM MASS.
- 3. IN AREAS WHERE LARGE ENOUGH FILL IS DIFFICULT TO OBTAIN, THE COMPARTMENT IS LINED WITH LARGE MATERIAL AND THE INTERIOR FILLED WITH SMALLER. THE SMALL MATERIAL CAN BE 5% TO 7% OF THE FILL (FIGURE 7). CARE SMALL BE TAKEN IN PACKING THE VISIBLE FACES OF GABION BOXES WHERE ONLY SELECTED STONE OF THE SPECIFIED SIZE SMALL BE USED SO AS TO OBTAIN AN EVEN FACED FINISH.
- 4. TO AVDID BULGING ON THE VISIBLE SIDE OF THE STRUCTURE, FILL ALL THE DUTSIDE BOXES IN STAGES (1, 0% HIGH BUXES IN THREE LEVELS AND 0,5% HIGH BOXES IN TWO LEVELS) WITH HORIZONTAL BRACING IN BETWEEN (FIGURE B). FIX THE BRACING WIRES IN THE GASION BOX DIRECTLY ABOVE THE STONE LEVEL MAKING SUME THE WIRE PASSES ROUND AT LEAST TWO MESH WIDTHS AND "SPANISH" MINDLASS THE BRACING WIRES TO KEEP THE FACE EVEN AND FREE FROM BULGING (FIGURE B). BRACING IN BOILD THE STONE DIES IN SAGIONS AT CORNERS TRUCTURES (FIGURE 10). AS AN ADDITIONAL MEASURE, SCAFFOLD PLANKING AS SHUTTERING ALONS THE FRONT FACE OR A PRE-FABRICATED SCAFFOLD TUBRING FRAME SYSTEM CAN BE USED (FIGURE 1).
- LEVEL OFF THE FILL 25mm TO 50mm ABOVE THE TOP OF THE MESH TO ALLOW FOR SETTLEMENT, SMALL MATERIAL IS BEST FOR THIS.
- 3. STRETCH THE LIDS TIGHTLY OVER THE FILLING USING A CROWGBAR. SECURE THE CORNERS FIRST, BY MEANS OF THE THICK SELVEDGE WIRE PROTRUCING FROM THE LID CORNERS, TO ENSURE THAT THERE IS ENOUGH MESH TO COVER THE WHOLE AREA. SOME FILLING MAY HAVE TO BE PERMOVED FROM THE TOP OF THE GABION BOX TO PREVENT THE LID FROM DVERSTRAINING, THEN SECURELY WIRE IT TO THE TOPS OF THE SIDES, ENDS AND DIAPHRAGMS, USING THE ALTERNATE SINGLE AND DOUBLE LODPS (FISHUR 12).

INDEX NO.	МП	AMENDMENTS	APPROVED	DATE	PROVINCIAL ADMINISTR	ATION : WESTERN CAPE	DRAWN BY	AFRICON			INDEX NO.
WCS/52/1/C1	H				TRANSPOR	DEBIGNED BY		SCALE : N.T.S.	GABIONS	WCS/52/1/C1	
			CHECKED BY				1				
PLAN NO.	Н				B. H. W. VELOMAN	SEPTEMBER 2000	FILE NO.		A2 DRIGINAL	ASSEMBLY AND ERECTION OF GABION BOXES	PLAN NO.
SHEET 1 DF 2	Н				DHIEF DIRECTOR	DATE APPROVED			T NE DITIDITINE	ABBENDET AND ENEOTION OF BADTON BOXED	SHEET 1 DF 2