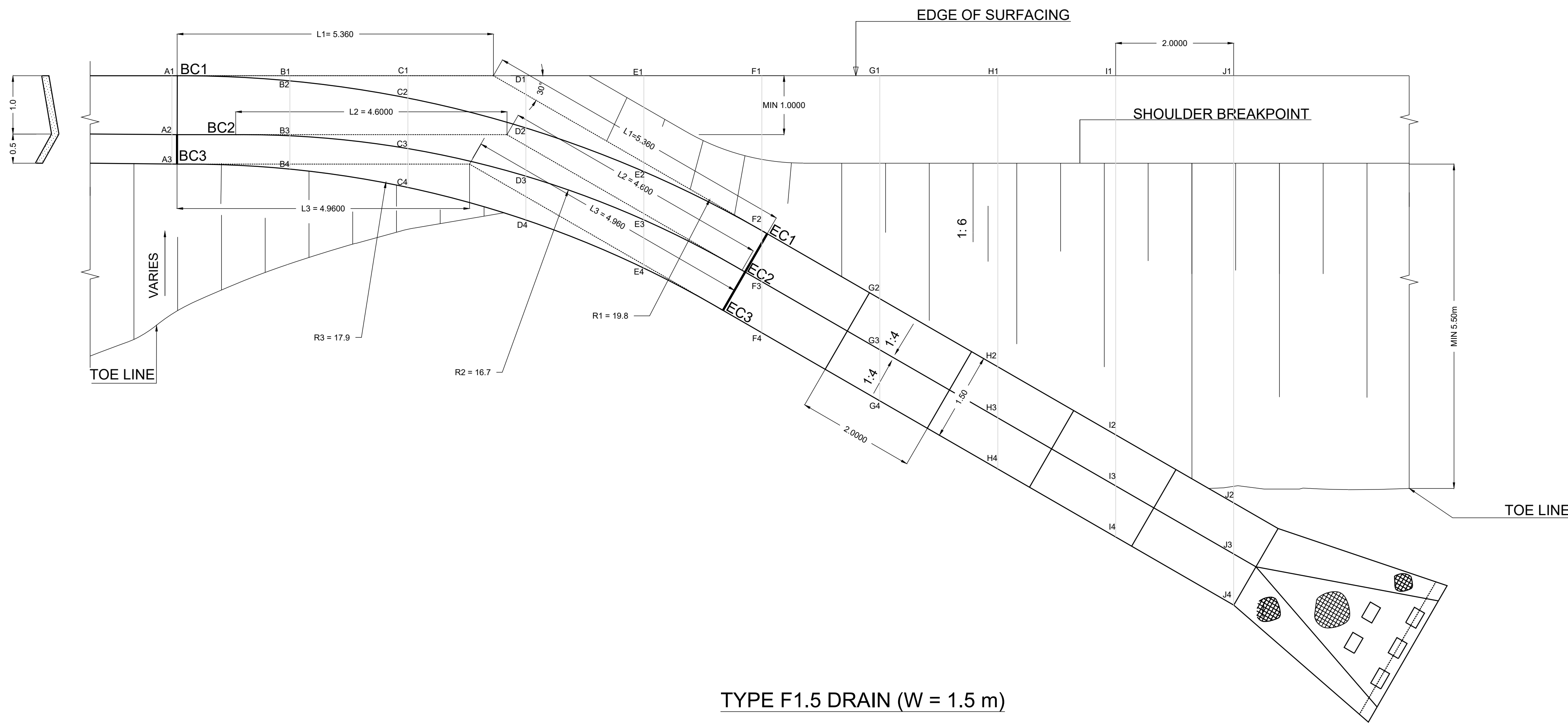
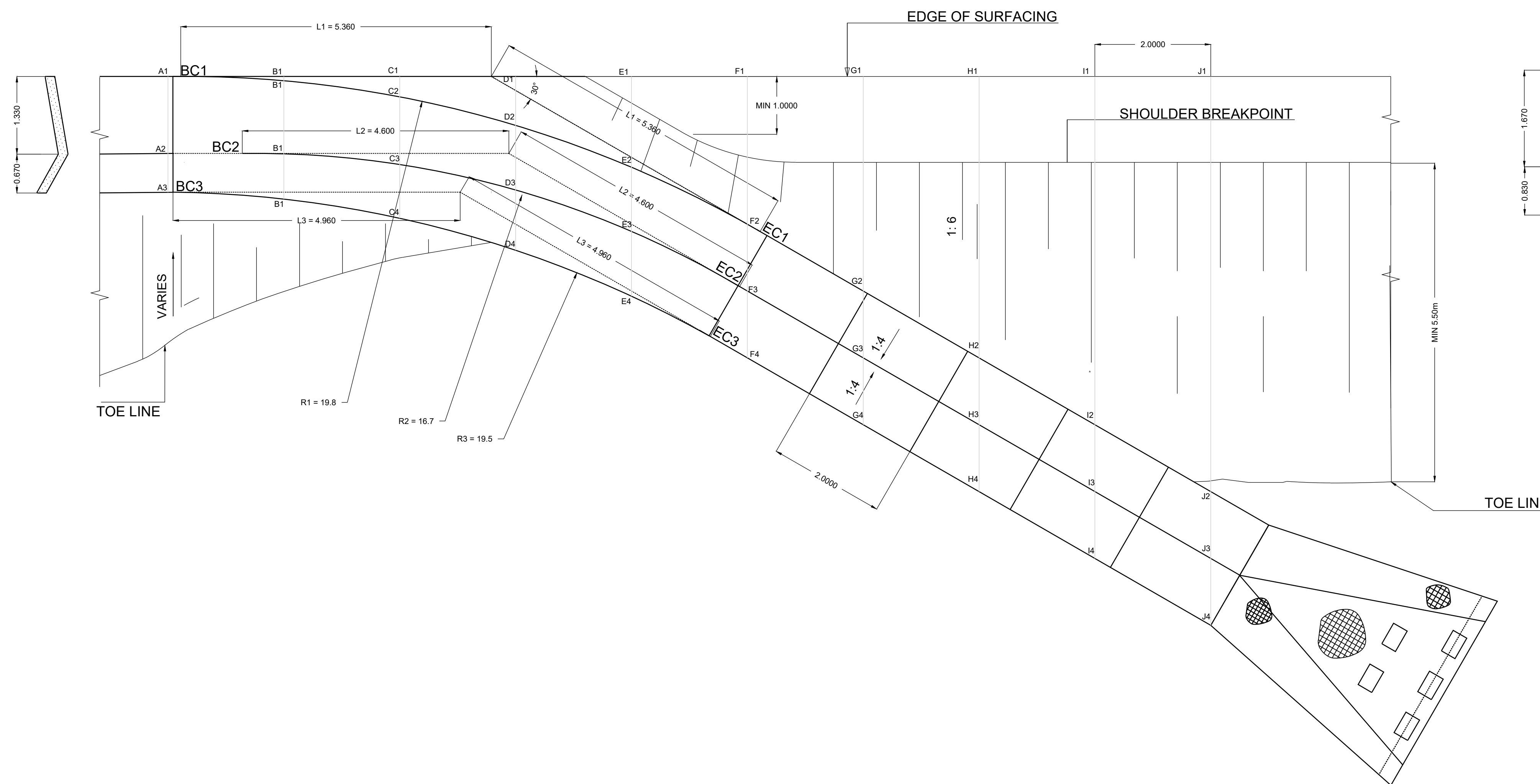


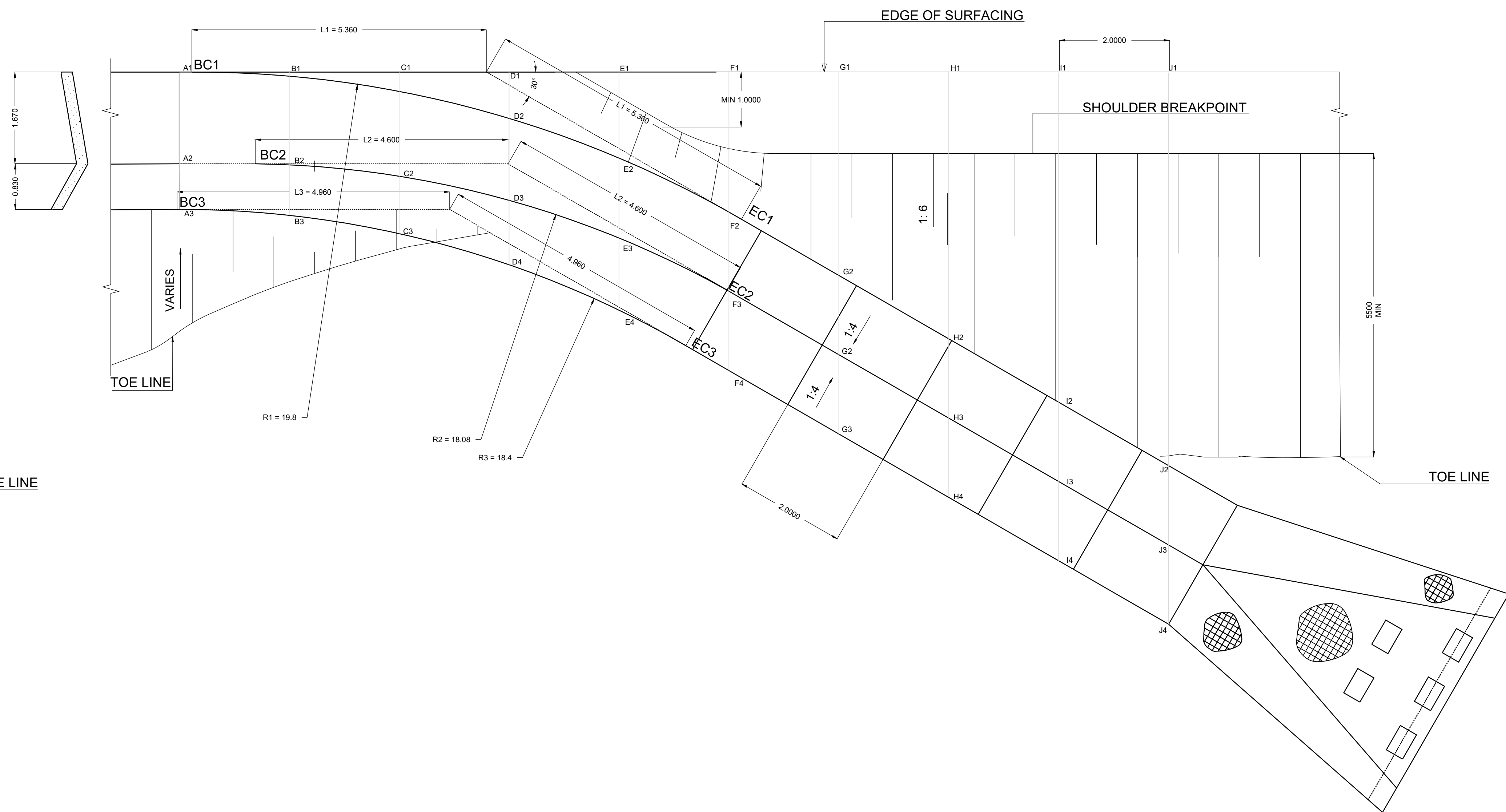
NOTES:
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWING TP2113-T-065.



TYPE F1.5 DRAIN (W = 1.5 m)



TYPE F2 DRAIN (W = 2.0 m)



TYPE F2.5 DRAIN (W = 2.5 m)

SETTING OUT INFORMATION OF TRANSITION FOR TYPE 'F' CONCRETE SIDE DRAIN			
Point	For Type F1.5 drain		For Type F2 drain
	Offset at 90° (Degrees)		Offset at 90° (Degrees) from
	from edge of surfacing (m)		edge of surfacing (m)
	(W = 1,5 m)	(W = 2,0 m)	(W = 2,5 m)
	Distance between (m)		Distance between (m)
A	A1	0.000	0.000
	A2	1.000	1.330
	A3	0.500	0.670
B	B1	0.000	0.000
	B2	0.087	0.074
	B3	0.932	1.262
C	B4	0.565	0.788
	C1	0.000	0.000
	C2	0.397	0.353
D	C3	0.857	1.169
	C4	0.659	0.928
	D1	0.000	0.000
E	D2	0.885	0.845
	D3	0.818	1.116
	D4	0.743	1.041
F	E1	0.000	0.000
	E2	1.621	1.625
	E3	0.820	1.107
G	E4	0.818	1.120
	F1	0.000	0.000
	F2	2.627	2.553
H	F3	0.866	1.173
	F4	0.866	1.136
	G1	0.000	0.000
I	G2	3.782	3.702
	G3	0.866	1.155
	G4	0.866	1.155
J	H1	0.000	0.000
	H2	4.937	4.861
	H3	0.866	1.155
K	H4	0.866	1.155
	I1	0.000	0.000
	I2	6.091	6.012
L	I3	0.866	1.155
	I4	0.866	1.155
	J1	0.000	0.000
M	J2	7.246	7.177
	J3	0.866	1.155
	J4	0.866	1.155



Drawing No. -

1		23/10/12	ORIGINAL	REVISION	CONSULT. ENG.
No.		DATE			
CONSTRUCTION RECORD (AS-BUILT)					
WORKS CONTRACT ENGINEER					
Name : Prof. Reg. No. : Date :					
SANRAL PROJECT MANAGER					
Name : Date :					
DESIGNED BY					
NAME : Prof. Reg. No. : Date :					
CHECKED BY					
NAME : Prof. Reg. No. : Date :					
DRAWN BY					
NAME :					
CONSULTANT APPROVAL					
Name : Prof. Reg. No. : Date :					
HEAD OFFICE					
48 Tambotie Avenue Val de Grace Pretoria 0184					
PO Box 415 Pretoria 0001 South Africa Tel: (012) 844 8000					
SANRAL					
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD					
BUILDING SOUTH AFRICA THROUGH BETTER ROADS					
EASTERN REGION					
58 Van Eck Place Mkondeni Pietermaritzburg 3201					
PO 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 the SA NATIONAL ROADS AGENCY SOC LTD. Date:					
PROJECT DESCRIPTION					
THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (km47.0) TO HLUHLUWE INTERCHANGE (km 55.0)					
DRAWING DESCRIPTION					
ROAD SURFACE DRAINAGE SETTING OUT OF TRANSITION FOR TYPE 'F' CONCRETE DRAINS					
SCALE : 20:1					
SHEET 27 OF 27					
PROJECT NUMBER					
N.002-300-2020/1					
DRAWING LOCATION DATA					
ROUTE					
SECTION					
DRAWING km DISTANCE					
DRAWING TYPE					
BRIDGE/STRUCTURE No.					
CONSULTANT DRAWING No.					
SANRAL DOCUMENT #					
START					
END					
SECTION 30					
SECTION 30					
km 47.0					
km 55.0					
ROADWORKS: DRAINAGE					
N/A					
TP2113-T-086					
1					
VER					

FOR TENDER
(FOR TENDER PURPOSES ONLY)