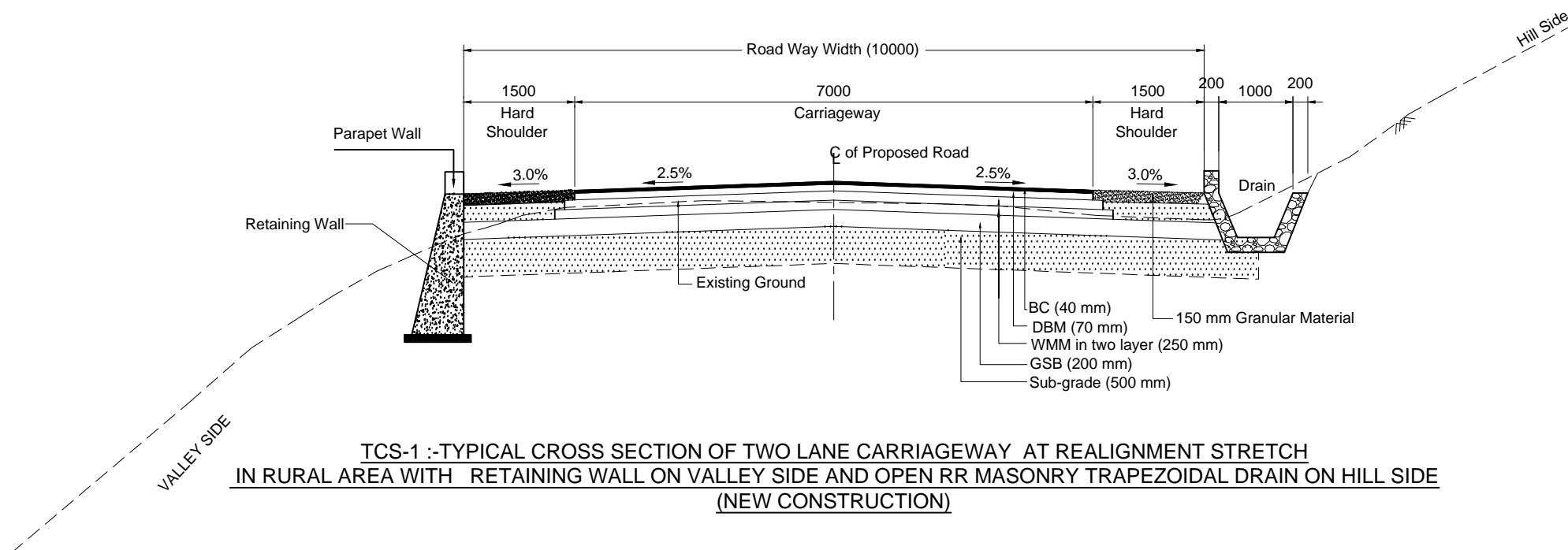
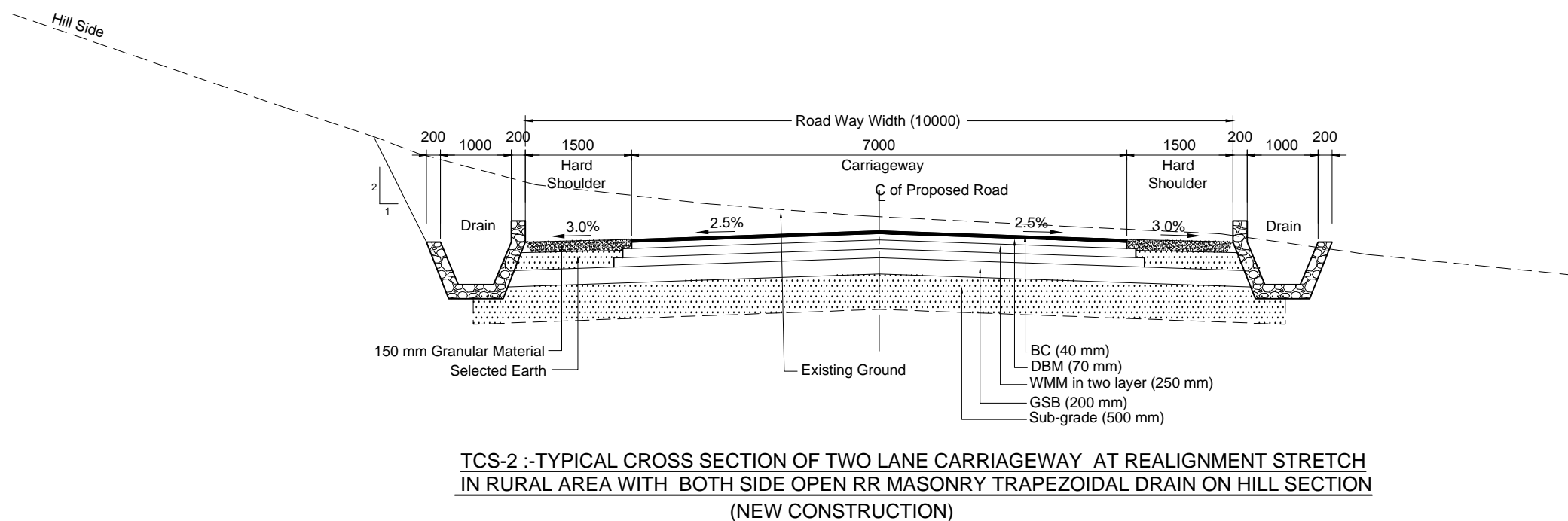






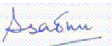
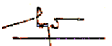
TYPICAL CROSS SECTION

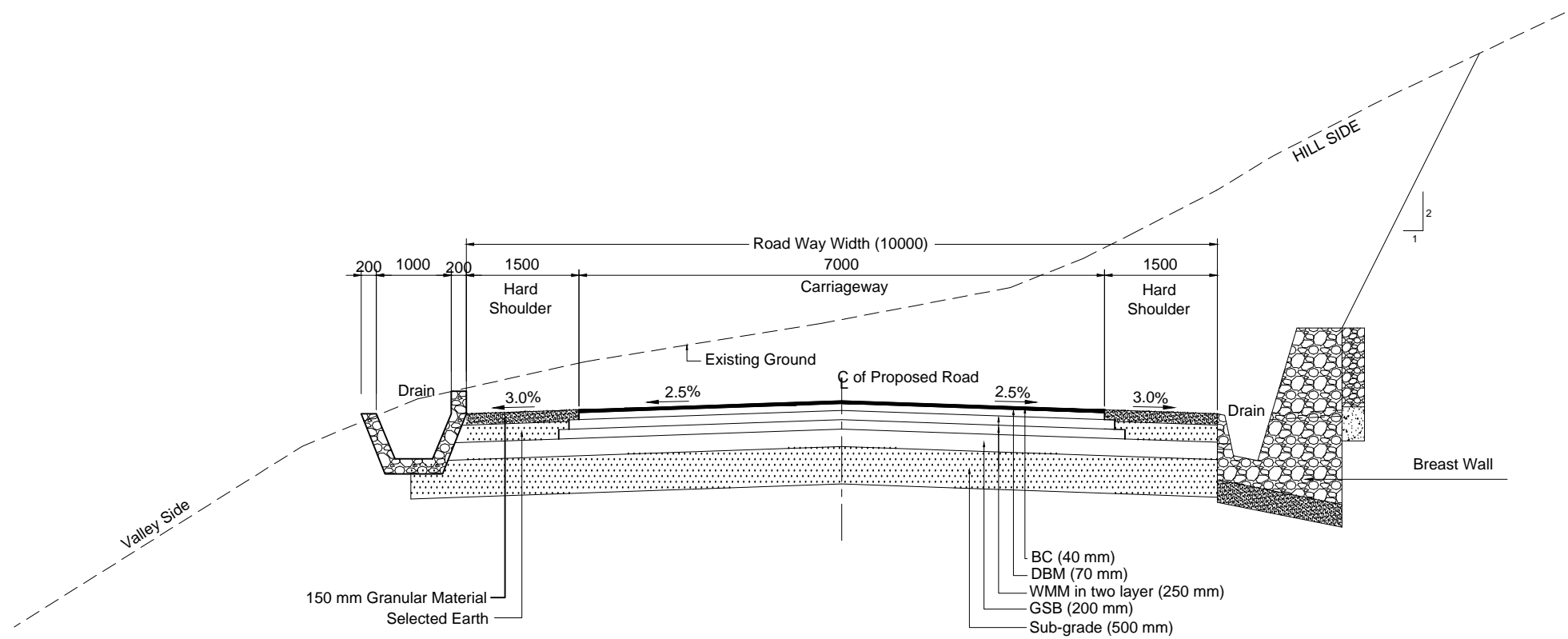


TCS - 1		
CHAINAGE		LENGTH (m)
FROM	TO	
110075	110125	50
110575	110875	300
111025	111175	150
111375	111775	400
112025	112175	150
112475	112625	150
112675	113025	350
114025	114075	50
114225	114275	50
114425	114525	100
115025	115125	100
118475	118525	50
120725	120775	50
TOTAL LENGTH =		1950



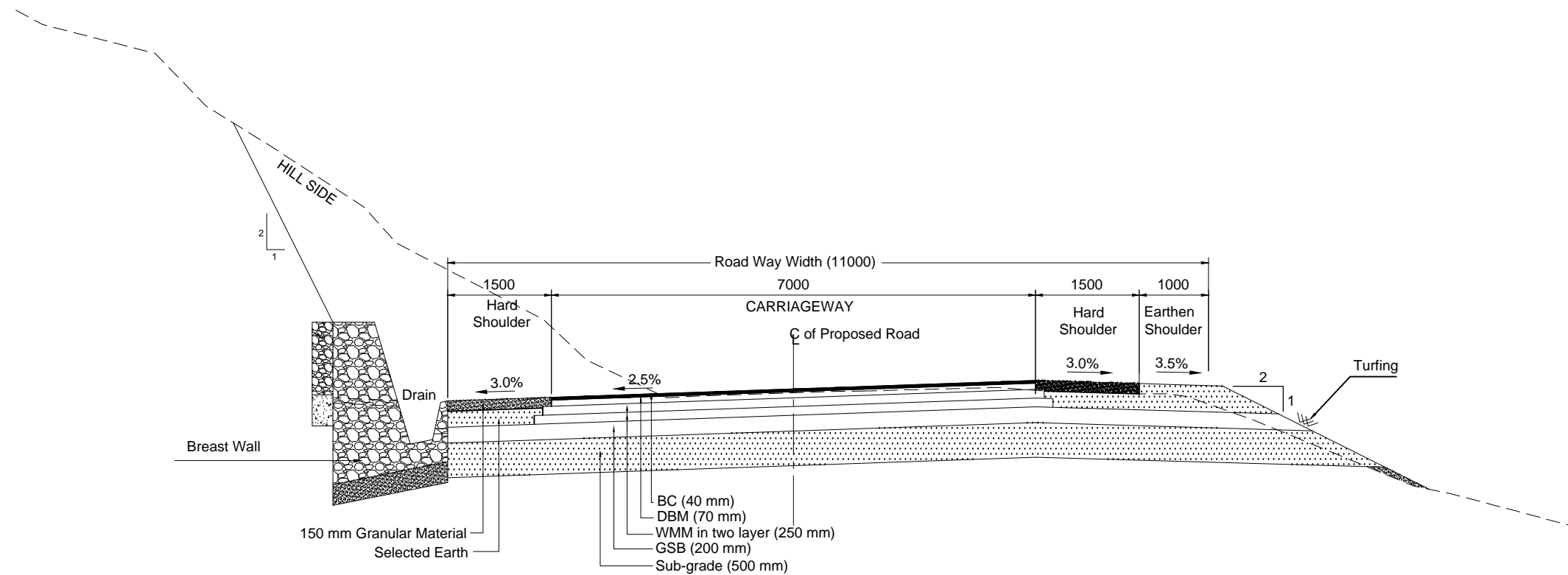
TCS - 2		
CHAINAGE		LENGTH (m)
FROM	TO	
109494	109775	281
110225	110575	350
110875	111025	150
111275	111375	100
111775	111875	100
112625	112675	50
113775	113825	50
113975	114025	50
114375	114425	50
115125	115175	50
TOTAL LENGTH =		1231

					Scale :- N.T.S		CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION		CONSULTANT :  CETEST CE TESTING COMPANY PVT. LTD. Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company 124-A, N.S.C. Bose Road Kolkata - 700092	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS					
								SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT			REVISION MKD. - R0		SHEET NO. - 1			
					DATE: MAY, 2020			PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)			PACKAGE- I A		DRAWN BY  P. GHOSH		DESIGNED BY  B. DAS	
REVISIONS													CHECKED BY  S.SADHU		ISSUED BY  B. KONER	
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.												







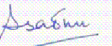

TCS - 3		
CHAINAGE		LENGTH (m)
FROM	TO	
109875	109925	50
112175	112375	200
113025	113075	50
113175	113275	100
113325	113575	250
113825	113975	150
114975	115025	50
115175	115350	175
118075	118225	150
TOTAL LENGTH =		1175

TCS-3 :- TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY AT REALIGNMENT STRETCH IN RURAL AREA WITH BREAST WALL ON HILL SIDE AND OPEN RR MASONRY TRAPEZOIDAL DRAIN ON VALLEY SIDE (NEW CONSTRUCTION)

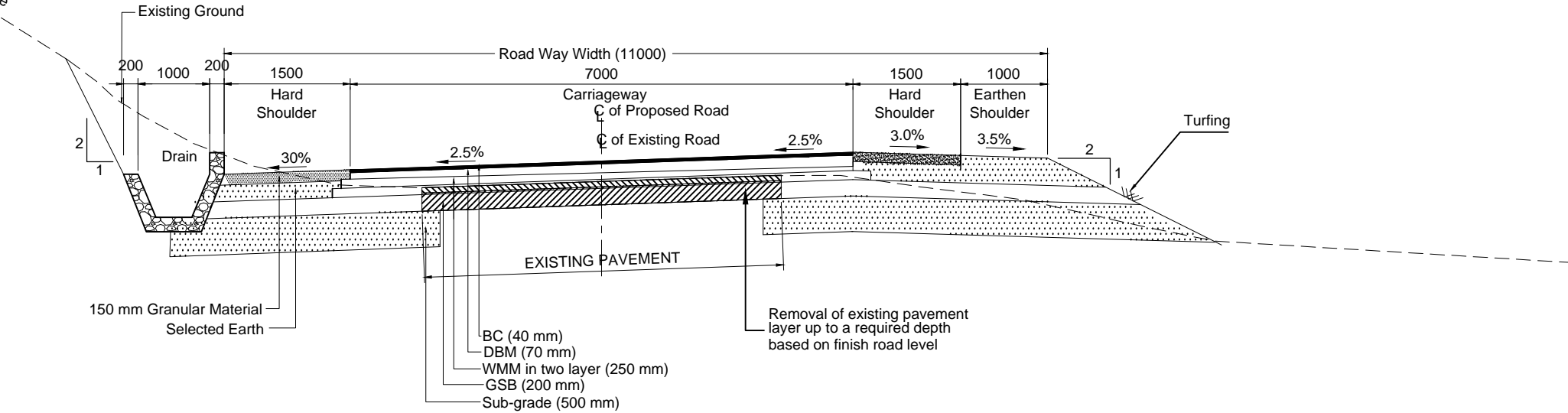


TCS - 4		
CHAINAGE		LENGTH (m)
FROM	TO	
110125	110225	100
112375	112475	100
114925	114975	50
TOTAL LENGTH =		250

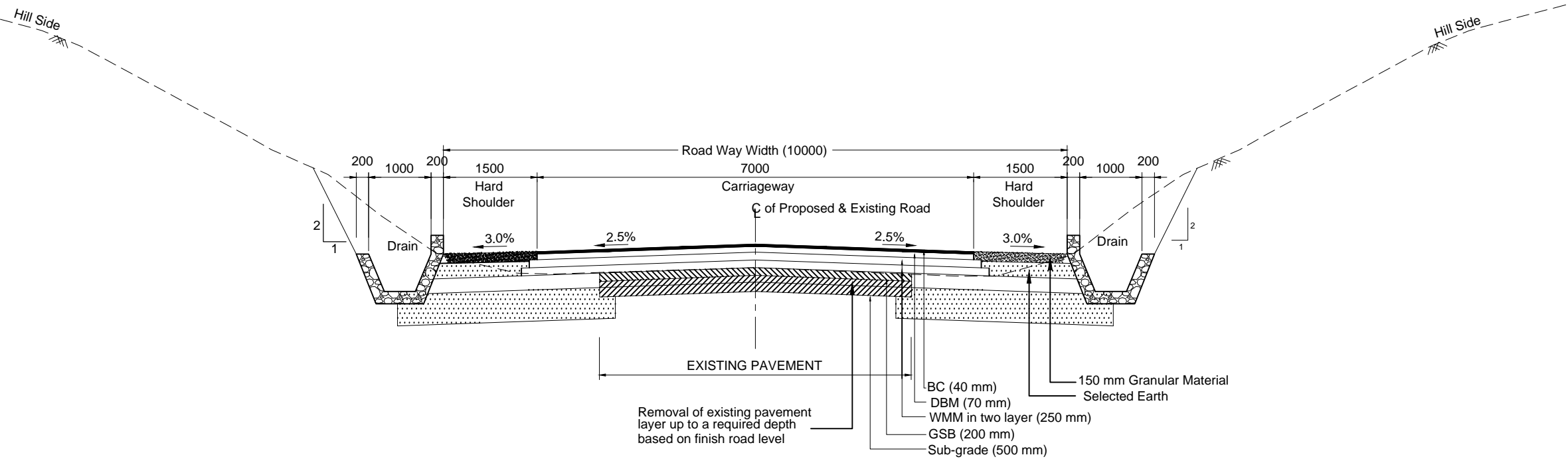
TCS-4 :- TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY AT REALIGNMENT STRETCH IN RURAL AREA WITH BREAST WALL ON HILL SIDE AND EARTHEN SHOULDER ON VALLEY SIDE (NEW CONSTRUCTION)

					Scale :- N.T.S		CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION	CONSULTANT :  CETEST CE TESTING COMPANY PVT. LTD. Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company 124-A, N.S.C. Bose Road Kolkata - 700092	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS
					DATE: MAY, 2020		PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)	SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT	124-A, N.S.C. Bose Road Kolkata - 700092	REVISION MKD. - R0
REVISIONS										SHEET NO. - 2
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.						DRAWN BY  P. GHOSH
										DESIGNED BY  B. DAS
										CHECKED BY  S.SADHU
										ISSUED BY  B. KONER

TCS - 5		
CHAINAGE		LENGTH (m)
FROM	TO	
118225	118275	50
118325	118475	150
119275	119575	300
120225	120325	100
120925	120975	50
123475	123725	250
123975	124025	50
124675	124725	50
124775	125225	450
125275	125325	50
125475	125525	50
125875	125925	50
126475	126525	50
126725	126775	50
TOTAL LENGTH =		1700





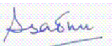
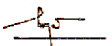


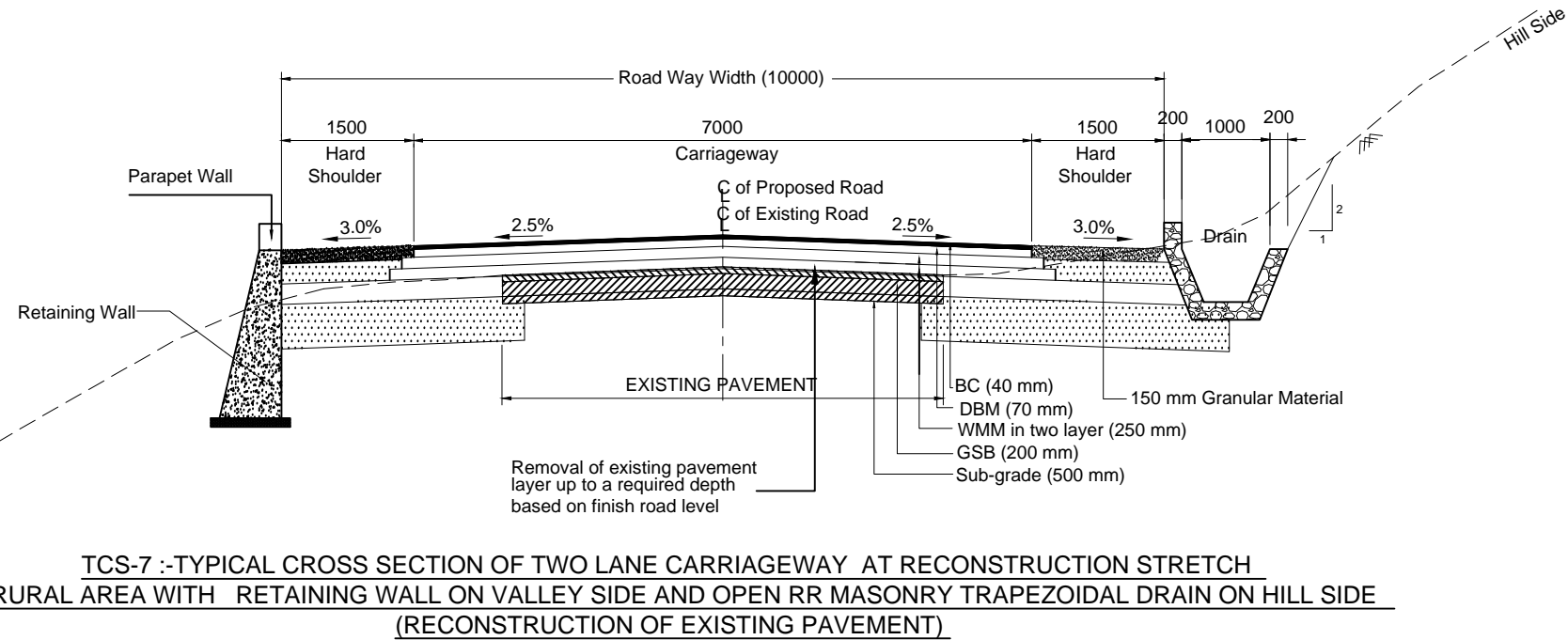
**TCS-5 : TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY
IN RURAL AREA WITH OPEN RR MASONRY TRAPEZOIDAL DRAIN ON HILL SIDE AND EARTHEN SHOULDER ON VALLEY SIDE
(RECONSTRUCTION OF EXISTING PAVEMENT)**



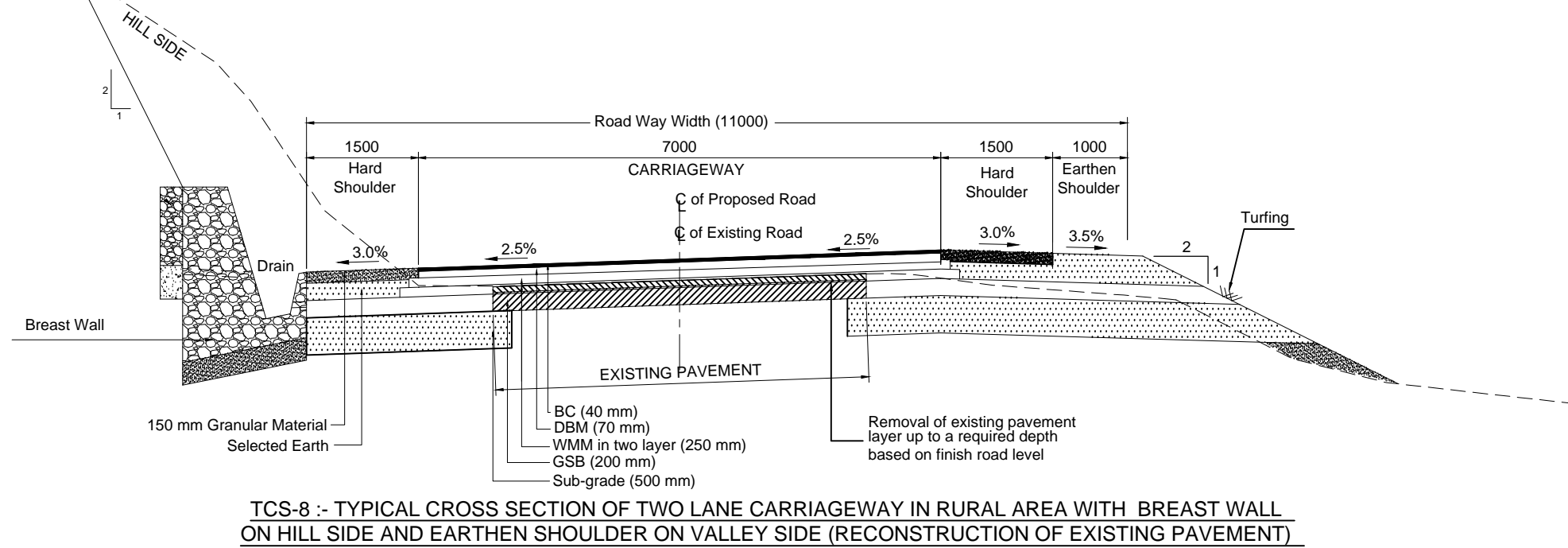
**TCS-6 :-TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN RURAL AREA WITH BOTH SIDE
OPEN RR MASONRY TRAPEZOIDAL DRAIN ON HILL SECTION
(RECONSTRUCTION OF EXISTING PAVEMENT)**

TCS - 6		
CHAINAGE		LENGTH (m)
FROM	TO	
118275	118325	50
118875	118975	100
119575	119975	400
120125	120225	100
120375	120425	50
120625	120725	100
120975	121125	150
124225	124375	150
126025	126325	300
TOTAL LENGTH =		1400







					Scale :- N.T.S		CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION		CONSULTANT :  CETEST CE TESTING COMPANY PVT. LTD. Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company 124-A, N.S.C. Bose Road Kolkata - 700092	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS				
								SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT			REVISION MKD. - R0		SHEET NO. - 3		
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	DATE: MAY, 2020			PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)			PACKAGE- I A	 P. GHOSH	 B. DAS	 S.SADHU	 B. KONER
REVISIONS															

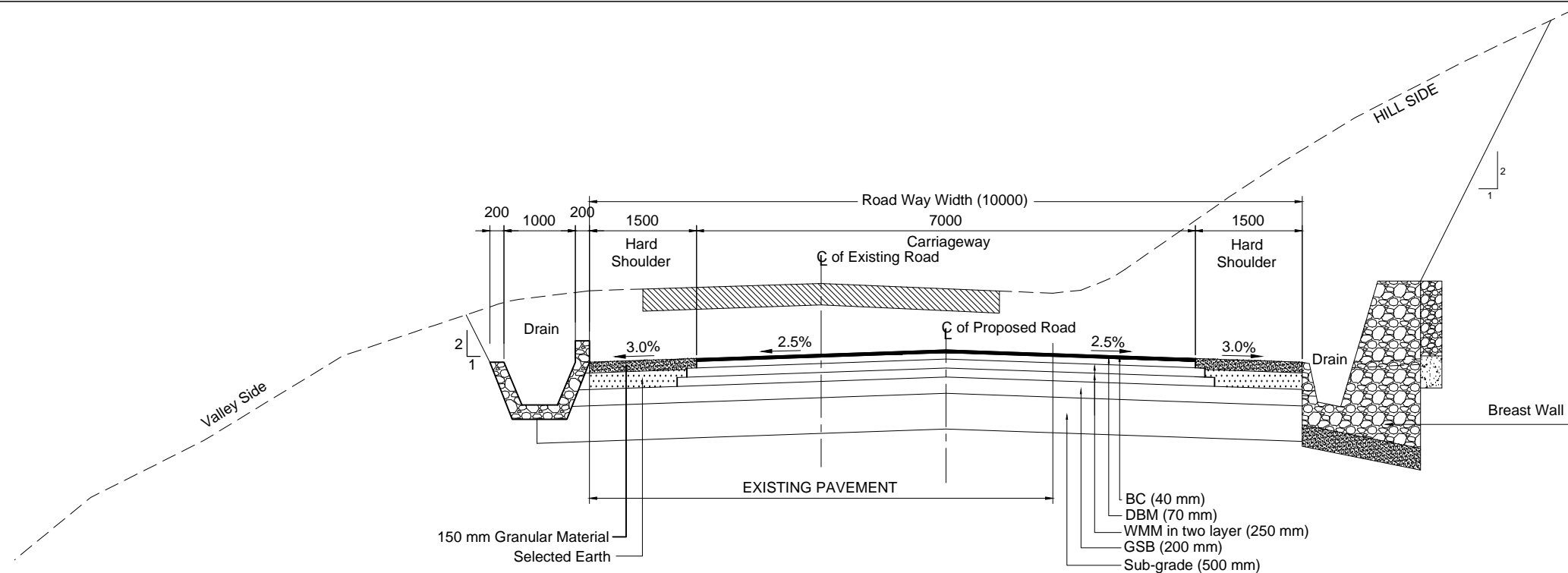


TCS - 7		
CHAINAGE		LENGTH (m)
FROM	TO	
118975	119125	150
119225	119275	50
120325	120375	50
123225	123475	250
123725	123975	250
124025	124225	200
124375	124425	50
124475	124675	200
124725	124775	50
125225	125275	50
125325	125475	150
125525	125725	200
126325	126375	50
126425	126475	50
126525	126725	200
TOTAL LENGTH =		1950



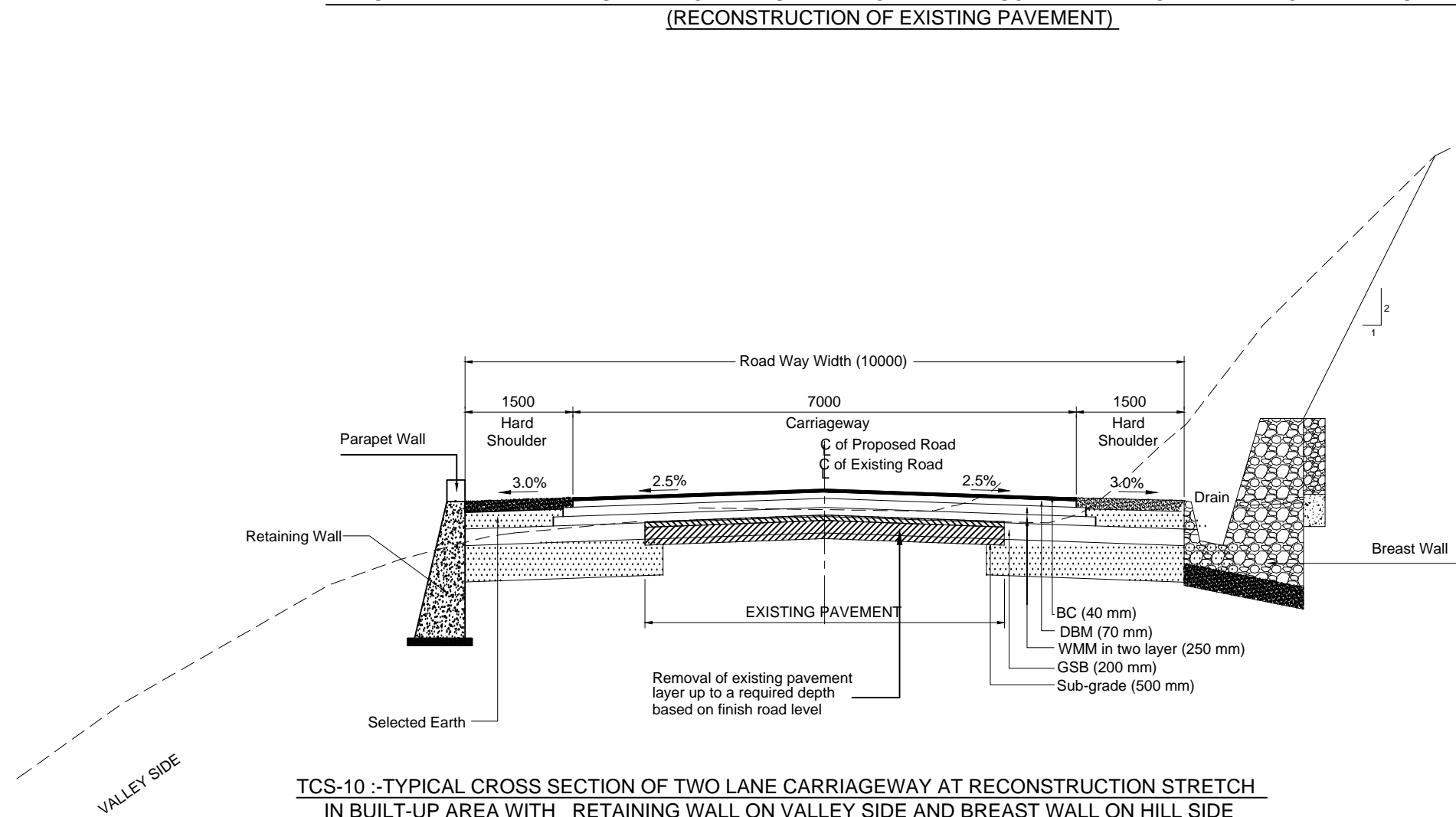
TCS - 8		
CHAINAGE		LENGTH (m)
FROM	TO	
119125	119225	100
TOTAL LENGTH =		100

					Scale :- N.T.S		CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION	CONSULTANT :  CETEST CE TESTING COMPANY PVT. LTD. Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company 124-A, N.S.C. Bose Road Kolkata - 700092	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS							
					DATE: MAY, 2020					REVISION MKD. - R0		SHEET NO. - 4					
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)					DRAWN BY	DESIGNED BY	CHECKED BY	ISSUED BY				
										 P. GHOSH	 B. DAS	 S.SADHU	 B. KONER				
					SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT												
					PACKAGE- I A												










**TCS-9 :- TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY
IN RURAL AREA WITH BREAST WALL ON HILL SIDE AND OPEN RR MASONRY TRAPEZOIDAL DRAIN ON VALLEY SIDE
(RECONSTRUCTION OF EXISTING PAVEMENT)**

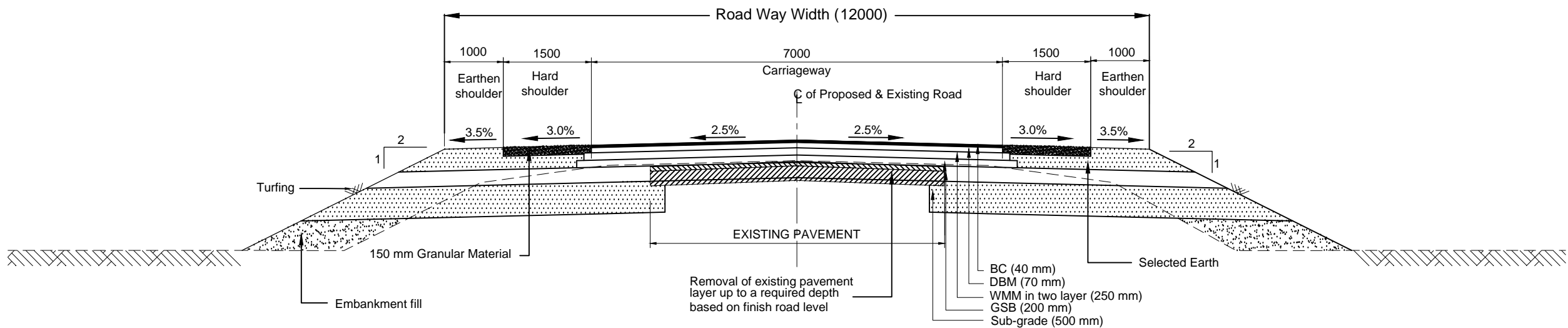
TCS - 9		
CHAINAGE		LENGTH (m)
FROM	TO	
115350	115975	625
116225	116275	50
117625	118025	400
119975	120125	150
125925	126025	100
126375	126425	50
TOTAL LENGTH =		1375



**TCS-10 :- TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY AT RECONSTRUCTION STRETCH
IN BUILT-UP AREA WITH RETAINING WALL ON VALLEY SIDE AND BREAST WALL ON HILL SIDE
(RECONSTRUCTION OF EXISTING PAVEMENT)**

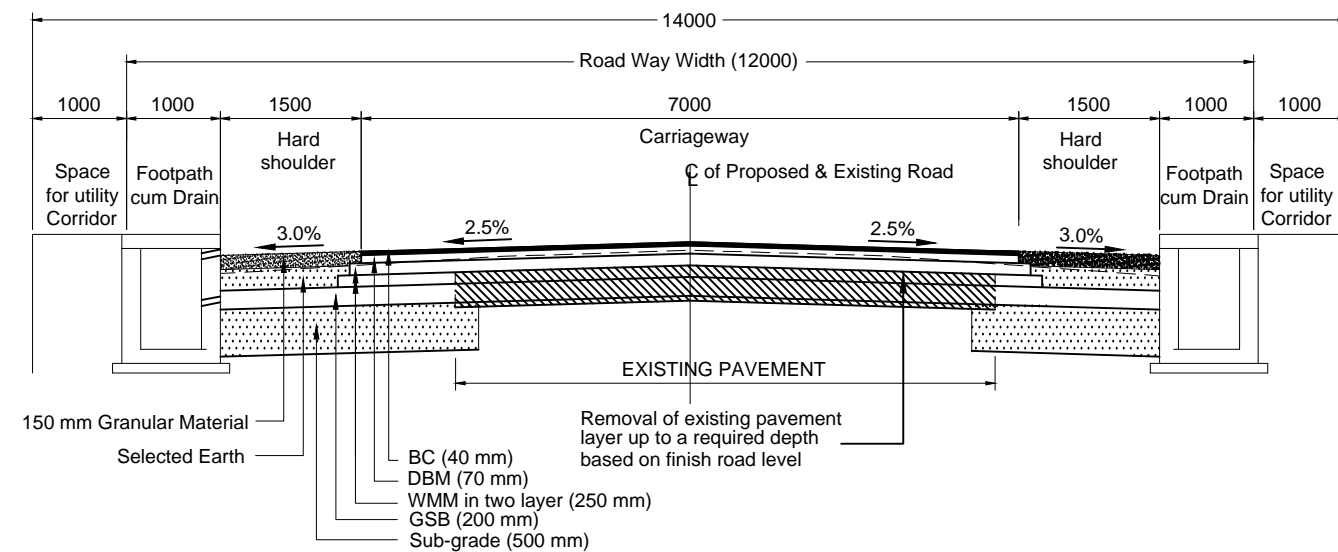
TCS - 10		
CHAINAGE		LENGTH (m)
FROM	TO	
118025	118075	50
TOTAL LENGTH =		50

					Scale :- N.T.S		CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION		CONSULTANT :  CETEST CE TESTING COMPANY PVT. LTD. Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company 124-A, N.S.C. Bose Road Kolkata - 700092.					DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS			
													REVISION MKD. - R0		SHEET NO. - 5			
					DATE: MAY, 2020	PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANE OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)	SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT	PACKAGE- I A				DRAWN BY	DESIGNED BY	CHECKED BY	ISSUED BY			
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.														
REVISIONS												P. GHOSH	B. DAS	S.SADHU	B. KONER			






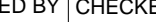


TCS - 11		
CHAINAGE		LENGTH
FROM	TO	(m)
120875	120925	50
125725	125775	50
TOTAL LENGTH =		100

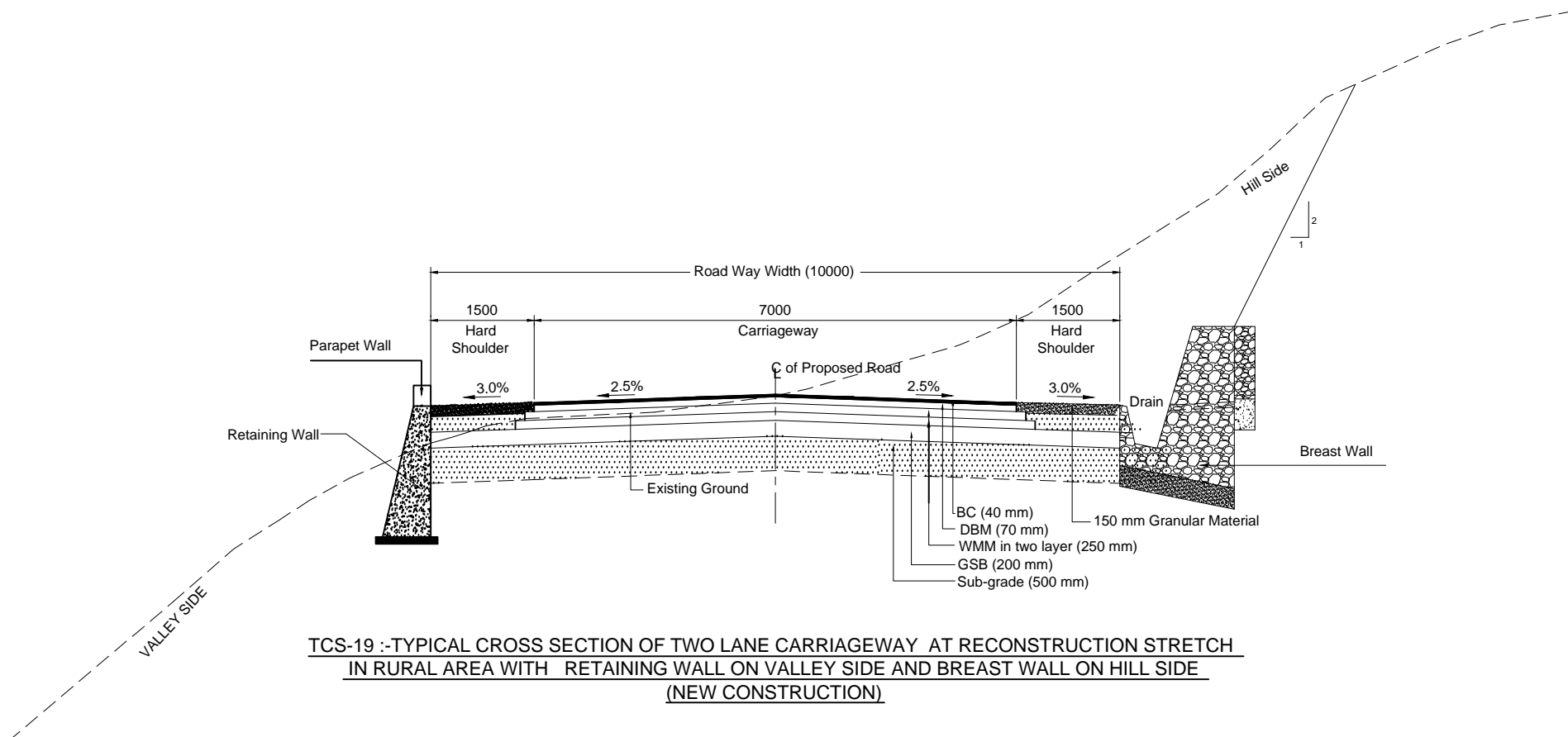
**TCS- 11 :-TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN RURAL AREA
(RECONSTRUCTION OF EXISTING PAVEMENT)**







TCS - 12		
CHAINAGE		LENGTH
FROM	TO	(m)
120425	120625	200
121125	123225	2100
TOTAL LENGTH =		2300

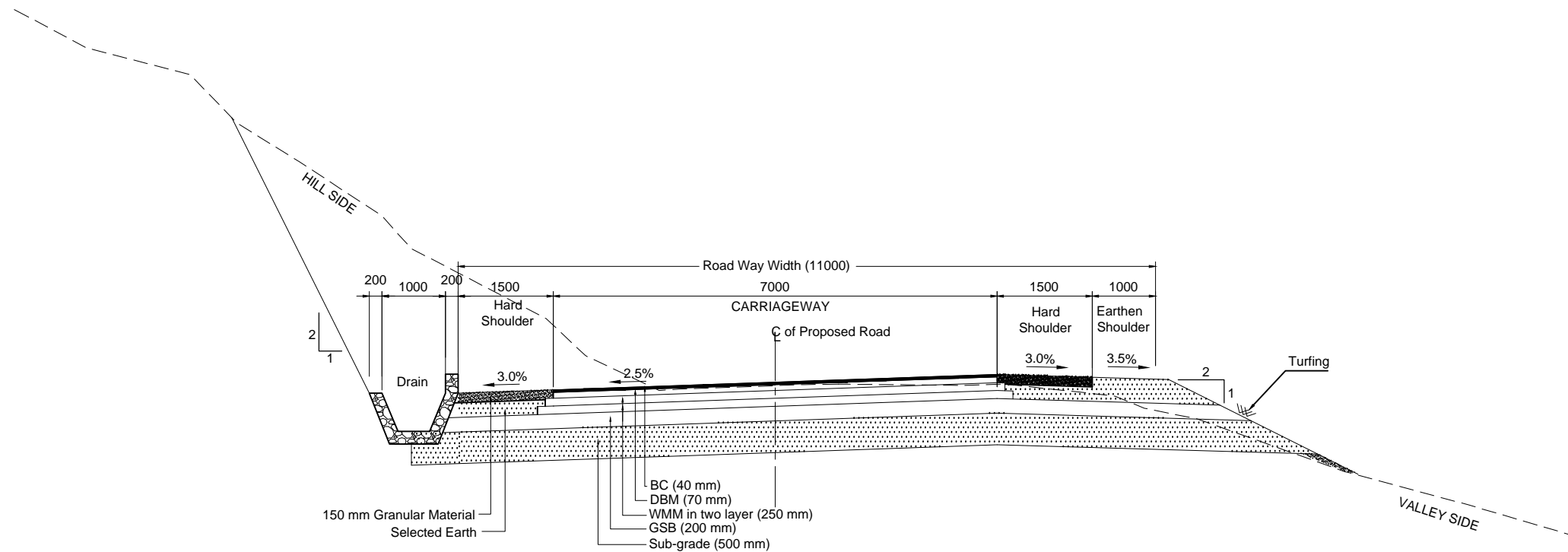
**TCS-12 :- TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN BUILT UP AREA
WITH BOTH SIDE FOOTPATH CUM RCC RECTANGULAR DRAIN
(RECONSTRUCTION OF EXISTING PAVEMENT)**

					Scale :- N.T.S	<div></div> <div>CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001</div>	TYPICAL CROSS SECTION	<div>CONSULTANT : <div>CE TESTING COMPANY PVT. LTD. Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company</div><div>124-A, N.S.C. Bose Road Kolkata - 700092</div></div>	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS						
										REVISION MKD. - R0	SHEET NO. - 6				
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	DATE: MAY, 2020				PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)	SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT	PACKAGE- I A	DRAWN BY	DESIGNED BY	CHECKED BY	ISSUED BY
REVISIONS															
												P. GHOSH	B. DAS	S.SADHU	B. KONER



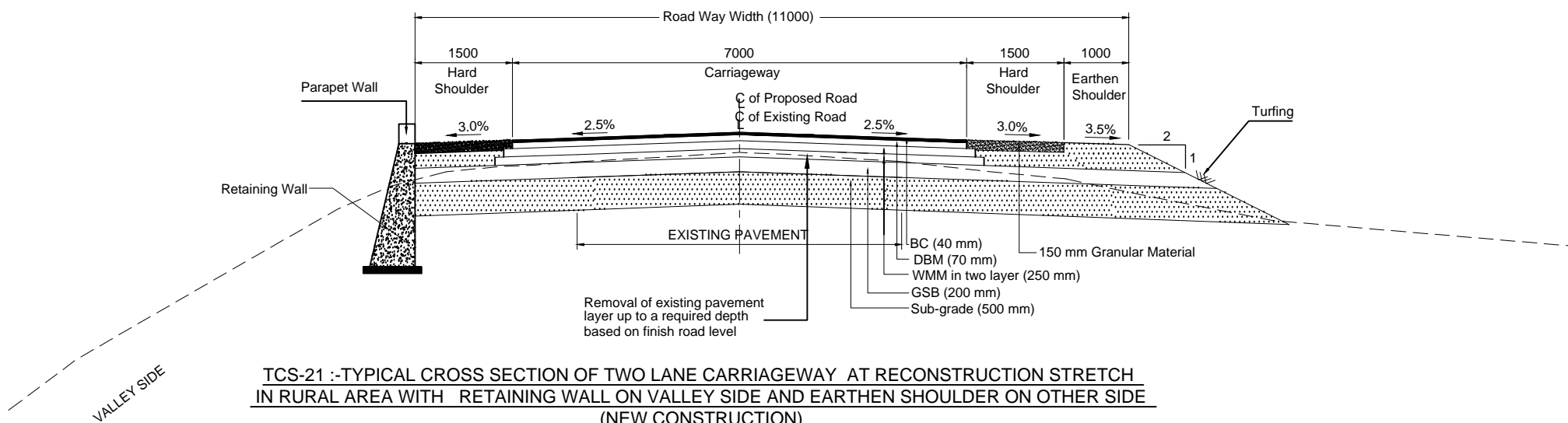
TCS - 19		
CHAINAGE		LENGTH
FROM	TO	(m)
109925	109975	50
111875	112025	150
TOTAL LENGTH =		200

					Scale :- N.T.S		CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION	CONSULTANT :  CE TESTING COMPANY PVT. LTD. Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company 124-A, N.S.C. Bose Road Kolkata - 700092.	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS				
										REVISION MKD. - R0		SHEET NO. - 10		
					DATE: MAY, 2020	PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)			SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT		DRAWN BY	DESIGNED BY	CHECKED BY	ISSUED BY
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.										 P. GHOSH
REVISIONS								PACKAGE- I A						








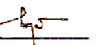
TCS-20 :- TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY AT REALIGNMENT STRETCH IN RURAL AREA WITH OPEN RR MASONRY TRAPEZOIDAL DRAIN ON HILL SIDE AND EARTHEN SHOULDER ON VALLEY SIDE (NEW CONSTRUCTION)

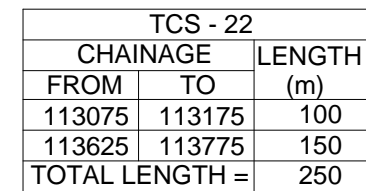
TCS - 20		
CHAINAGE		LENGTH (m)
FROM	TO	
109975	110075	100
111175	111275	100
113275	113325	50
113575	113625	50
118775	118875	100
TOTAL LENGTH =		400



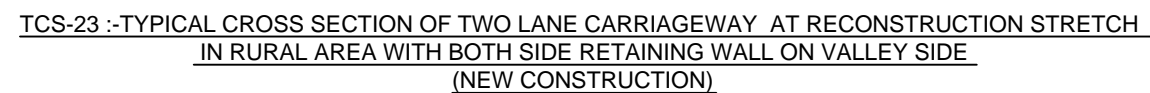
TCS-21 :- TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY AT RECONSTRUCTION STRETCH IN RURAL AREA WITH RETAINING WALL ON VALLEY SIDE AND EARTHEN SHOULDER ON OTHER SIDE (NEW CONSTRUCTION)

TCS - 21		
CHAINAGE		LENGTH (m)
FROM	TO	
109775	109875	100
114625	114925	300
120775	120875	100
TOTAL LENGTH =		500

					Scale :- N.T.S		CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION	CONSULTANT :  CETEST CE TESTING COMPANY PVT. LTD. Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company 124-A, N.S.C. Bose Road Kolkata - 700092.	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS					
										REVISION MKD. - R0		SHEET NO. - 11			
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	DATE: MAY, 2020					PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)	SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT	DRAWN BY  P. GHOSH	DESIGNED BY  B. DAS	CHECKED BY  S.SADHU	ISSUED BY  B. KONER
REVISIONS											PACKAGE- I A				










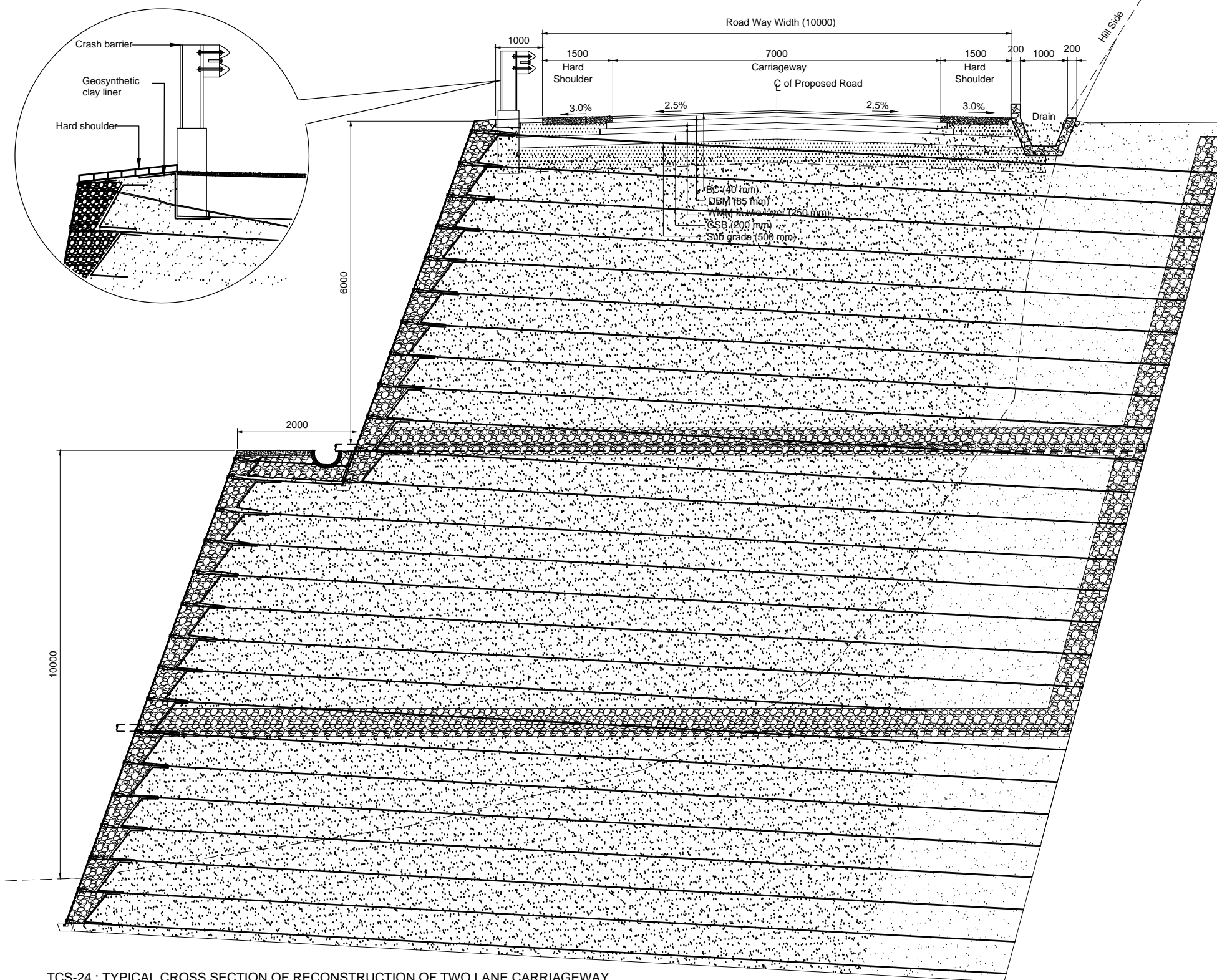
TCS - 23		
CHAINAGE		LENGTH (m)
FROM	TO	
114075	114225	150
114275	114375	100
114525	114625	100
TOTAL LENGTH =		350









TCS-23 :-TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY AT RECONSTRUCTION STRETCH
IN RURAL AREA WITH BOTH SIDE RETAINING WALL ON VALLEY SIDE
(NEW CONSTRUCTION)

TCS - 23		
CHAINAGE		LENGTH (m)
FROM	TO	
114075	114225	150
114275	114375	100
114525	114625	100
TOTAL LENGTH =		350

					Scale :- N.T.S	 CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION	CONSULTANT :  CETEST CE TESTING COMPANY PVT. LTD. Engineering Consultants <small>An ISO 9001, 14001 & OHSAS 18001 Certified Company</small> 124-A, N.S.C. Bose Road Kolkata - 700092.	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS			
									REVISION MKD. - R0		SHEET NO. - 12	
					DATE: MAY, 2020	PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANE OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)	SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT		DRAWN BY	DESIGNED BY	CHECKED BY	ISSUED BY
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.					 P. GHOSH	 B. DAS	 S.SADHU	 B. KONER
REVISIONS							PACKAGE - I A					



TCS - 24		
CHAINAGE		LENGTH (m)
FROM	TO	
118525	118775	250
TOTAL LENGTH =		250

					Scale :- N.T.S		CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001	TYPICAL CROSS SECTION	CONSULTANT :  CETEST Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road Kolkata - 700092. 	DWG NO :- CET/4046/NHIDCL/NH-129A/P-D/FDPR/PKG-IA/TCS			
										REVISION MKD. - R0		SHEET NO. - 13	
					DATE: MAY, 2020	PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING OF PEREN-DIMAPUR SECTION ON NH 129A ON ENGINEERING, PROCUREMENT AND CONSTRUCTION MODE IN THE STATE OF NAGALAND (PACKAGE:NHIDCL/DPR/SN-DMP-PC/MANIPUR/2016)	SUBMISSION TYPE : FINAL DETAILED PROJECT REPORT	 P. GHOSH	 B. DAS	 S.SADHU	 B. KONER		
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.								PACKAGE - I A	
REVISIONS													