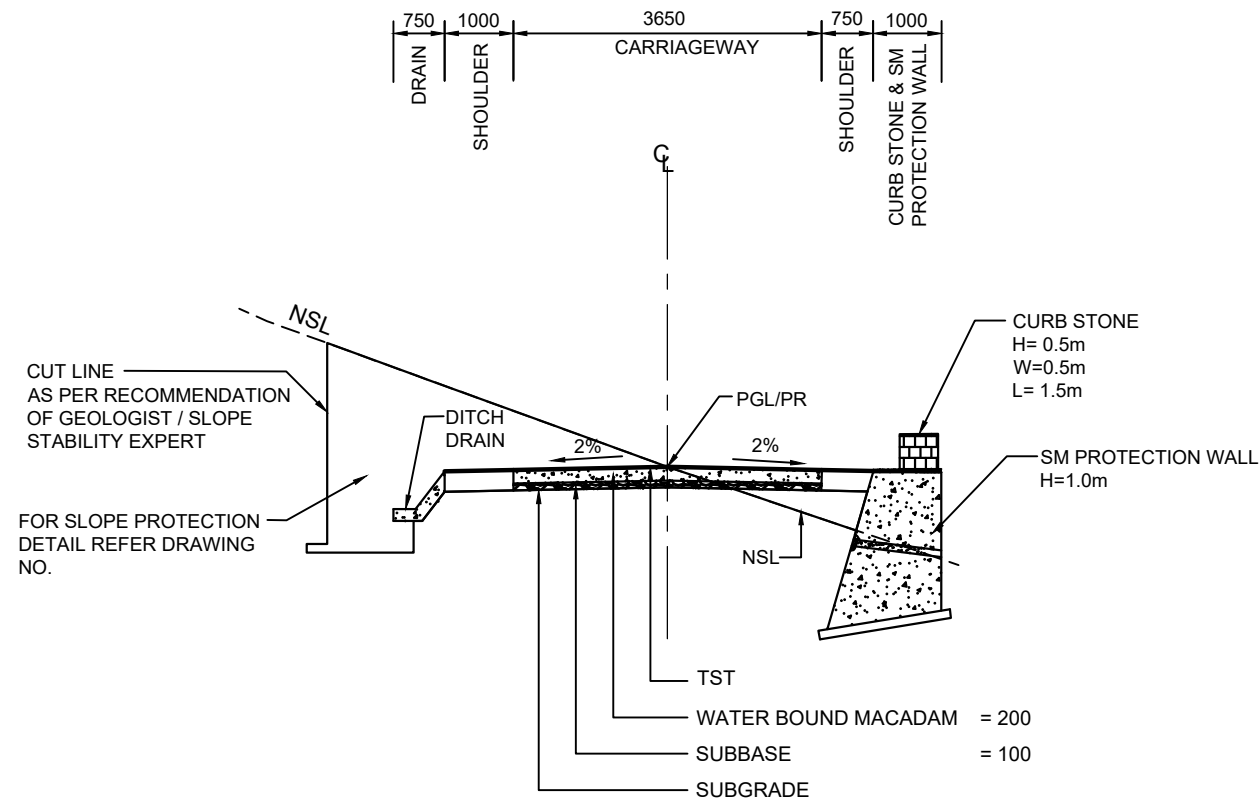
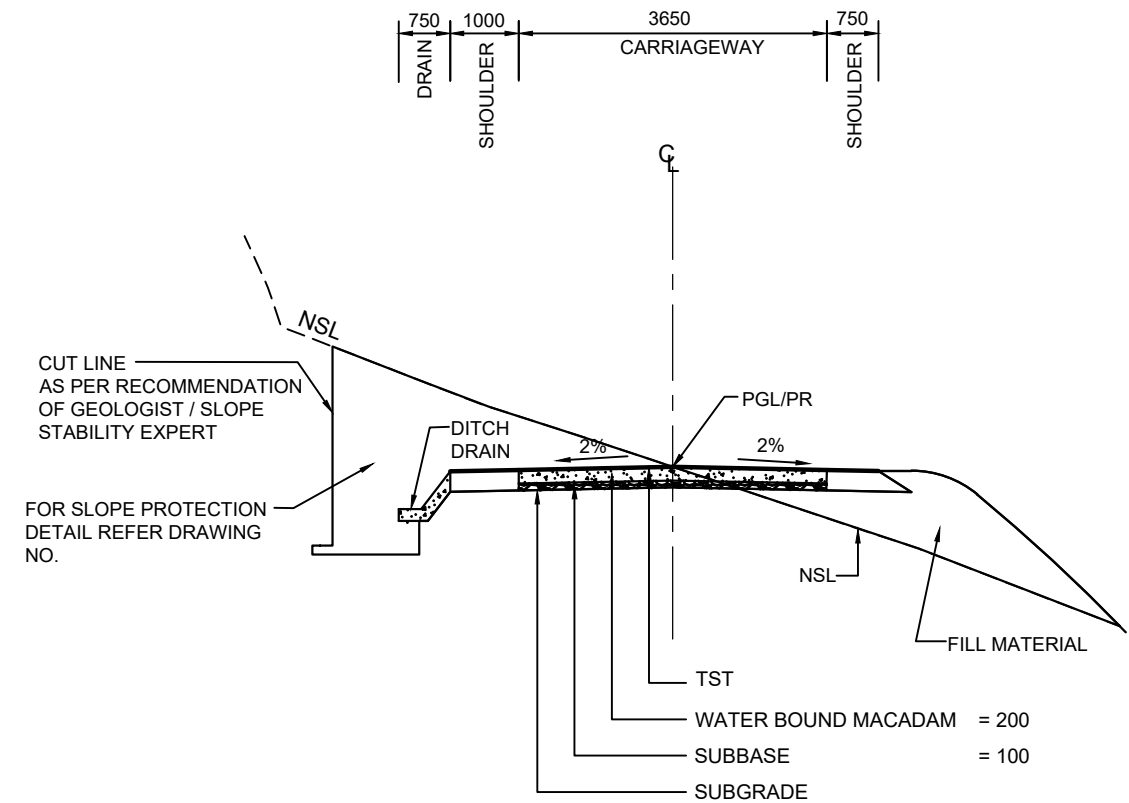




TYPICAL CROSS SECTION MODULE-2
(CUT = 50%)
(FILL = 50%)

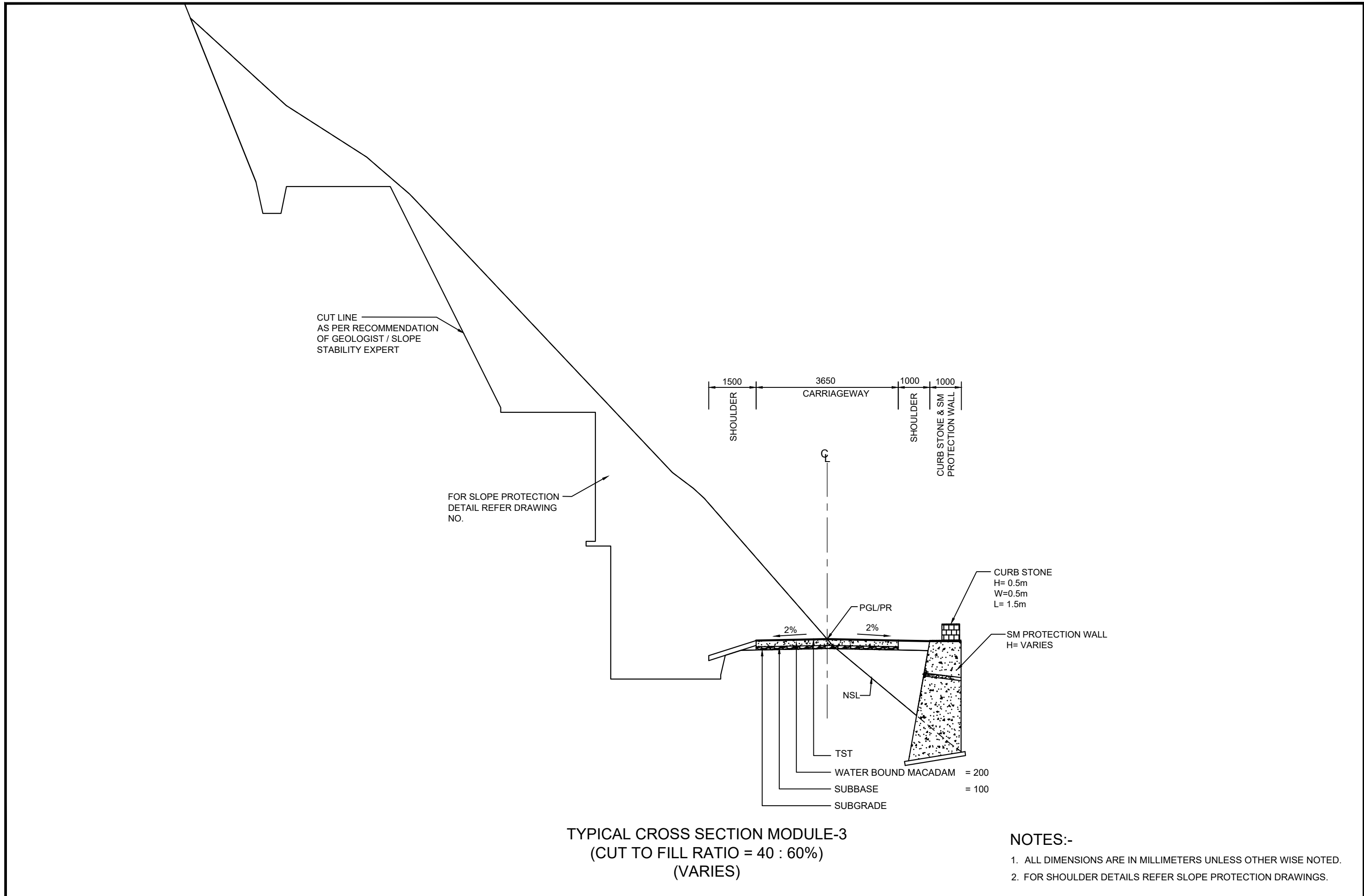


TYPICAL CROSS SECTION MODULE-2A
(CUT = 50%)
(FILL = 50%)

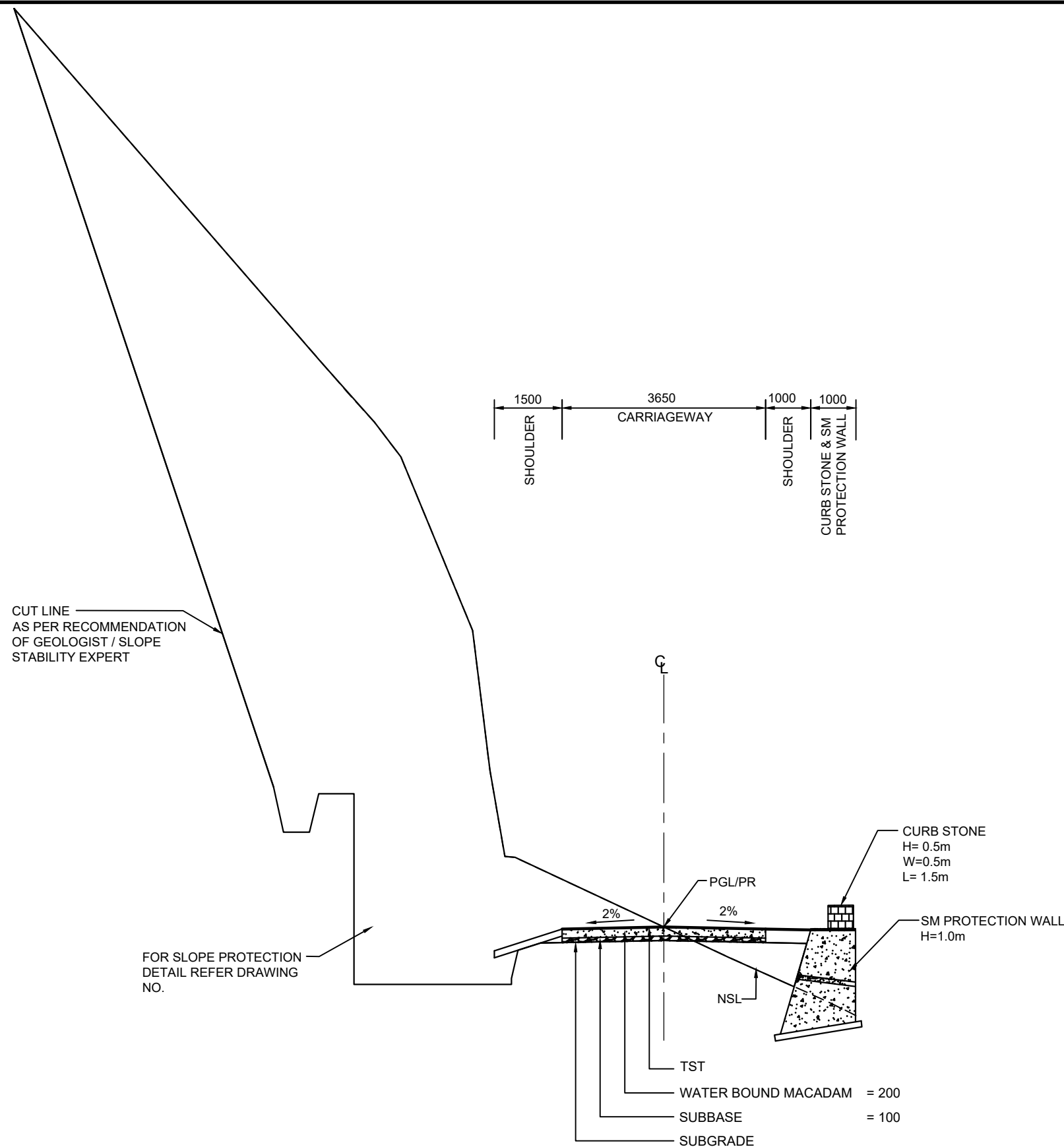
NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.
2. FOR SHOULDER DETAILS REFER SLOPE PROTECTION DRAWINGS.

CLIENT		CONSULTANT		04		DRAWN		Faisal		PROJECT		TYPICAL CROSS SECTION ROAD WORKS		SCALE							
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		DATE JUNE, 2026		DRAWING No. 4520/102/C/XS002		REV. 0					
				02		RECOMMENDED															
				01		CHD./VER.															
				REV.		DATE		DESCRIPTION										APPROVED		APPROVED	
				HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.																	



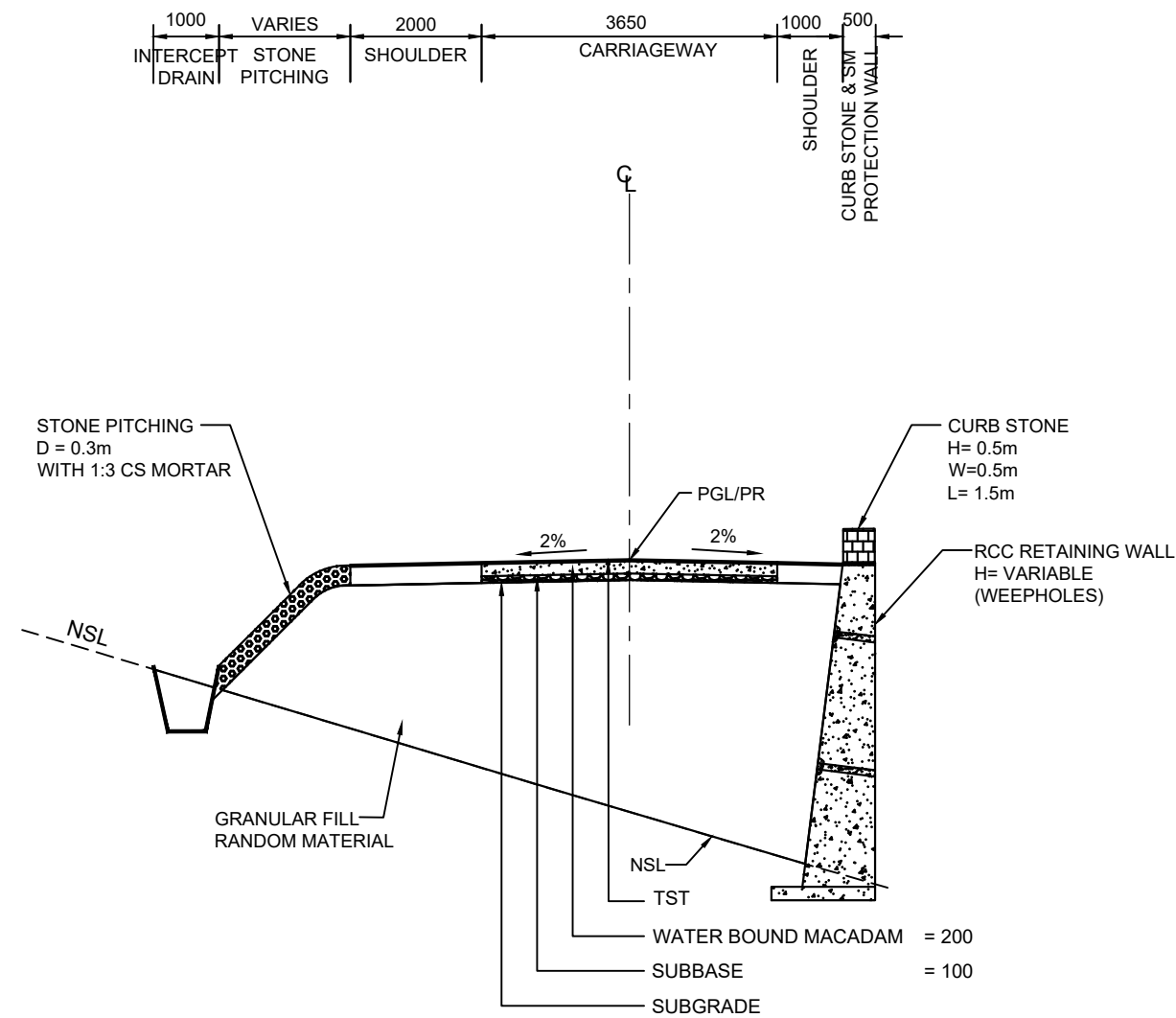
CLIENT		CONSULTANT		04		DRAWN		PROJECT		TYPICAL CROSS SECTION		SCALE
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED		DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		ROAD WORKS		
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		02		RECOMMENDED				DATE		REV.
				01		CHD./VER.				JUNE, 2026		4520/102/C/XS003
				REV.		DATE		DESCRIPTION		APPROVED		APPROVED
												0



TYPICAL CROSS SECTION MODULE-4
(CUT TO FILL RATIO = 40 : 60%)
(VARIES)
(FOR HARD TO MODERATE ROCK)

- NOTES:-
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.
 2. FOR SHOULDER DETAILS REFER SLOPE PROTECTION DRAWINGS.

CLIENT		CONSULTANT		04		DRAWN		Faisal		PROJECT		TYPICAL CROSS SECTION ROAD WORKS		SCALE	
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMESLY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		DATE		REV.	
				02		RECOMMENDED									
				01		CHD./VER.									
				REV.		DATE		DESCRIPTION							
HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.												JUNE, 2026		4520/102/C/XS004	
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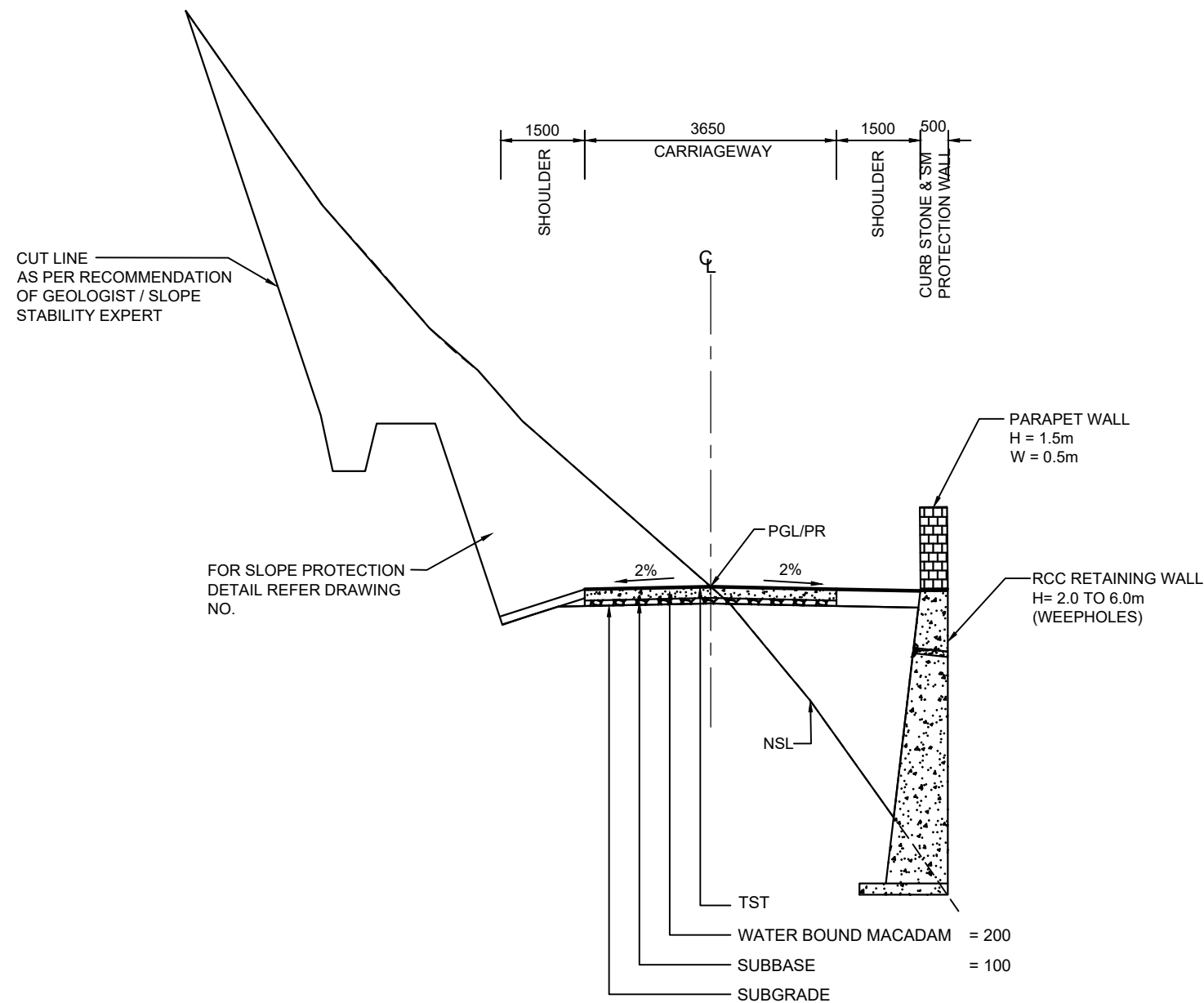


TYPICAL CROSS SECTION MODULE-5
(FILL = 100%)

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.
2. FOR SHOULDER DETAILS REFER SLOPE PROTECTION DRAWINGS.

CLIENT		CONSULTANT		04		DRAWN		Faisal		PROJECT		TYPICAL CROSS SECTION ROAD WORKS		SCALE									
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		03		SUBMITTED				DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		DATE JUNE, 2026		DRAWING No. 4520/102/C/XS005		REV. 0							
				02		RECOMMENDED																	
				01		CHD./VER.																	
				REV.		DATE		DESCRIPTION										APPROVED		APPROVED			



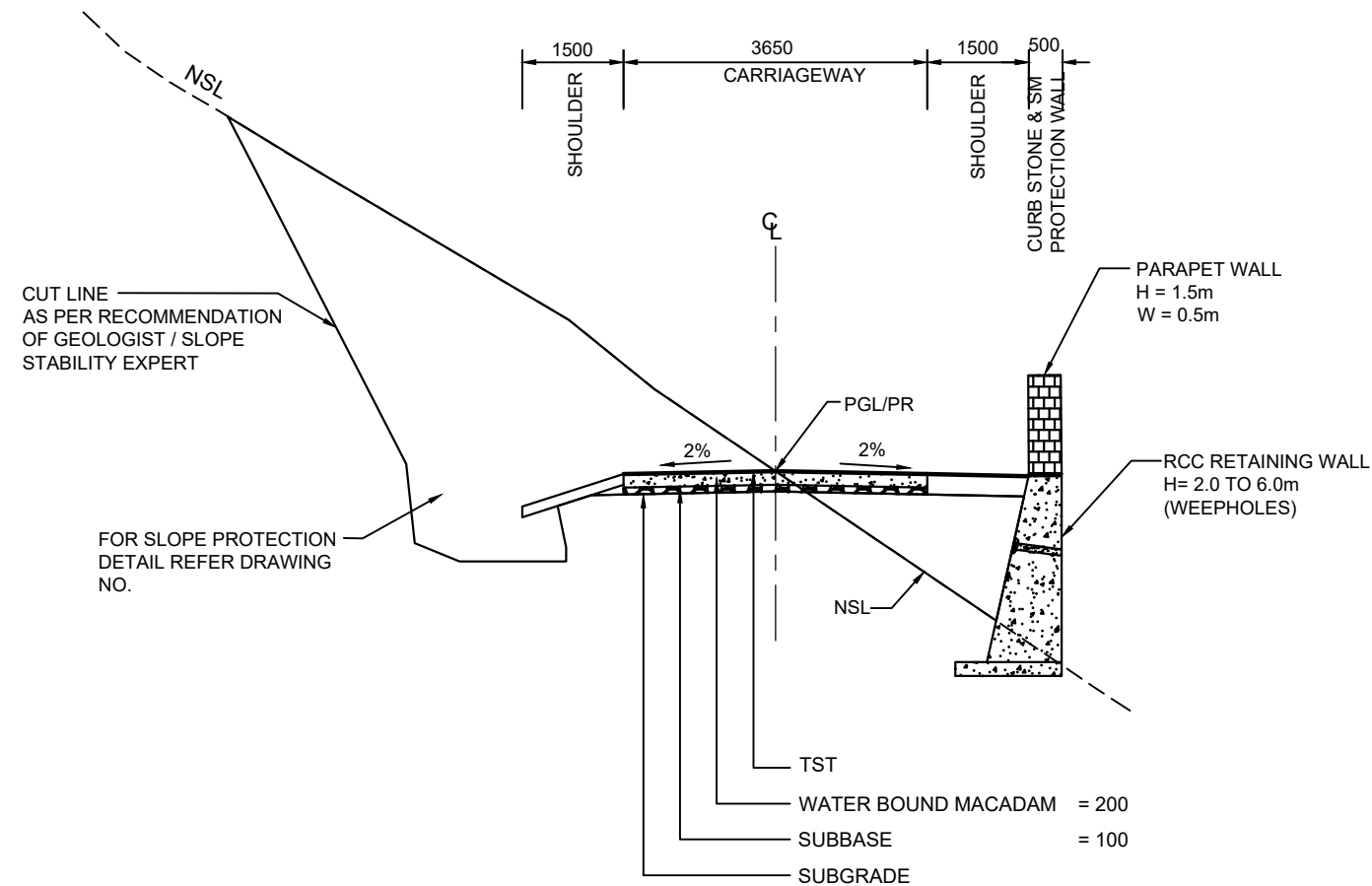
TYPICAL CROSS SECTION MODULE-6A
(CUT = 20 ~ 25 %)
(FILL = 75 ~ 80 %)

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.
2. FOR SHOULDER DETAILS REFER SLOPE PROTECTION DRAWINGS.

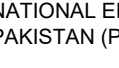
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.

CLIENT		CONSULTANT		04		DRAWN		Faisal		PROJECT		TYPICAL CROSS SECTION ROAD WORKS		SCALE			
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		DATE JUNE, 2026		DRAWING No. 4520/102/C/XS006		REV. 0	
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION									
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.															



TYPICAL CROSS SECTION MODULE-6B
(CUT = 20 ~ 25 %)
(FILL = 75 ~ 80 %)

- NOTES:-
- 1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.
 - 2. FOR SHOULDER DETAILS REFER SLOPE PROTECTION DRAWINGS.

CLIENT		CONSULTANT		04		DRAWN		Faisal		PROJECT		TYPICAL CROSS SECTION ROAD WORKS		SCALE			
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		DATE		REV.			
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION								APPROVED	
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.										JUNE, 2026		4520/102/C/XS007			

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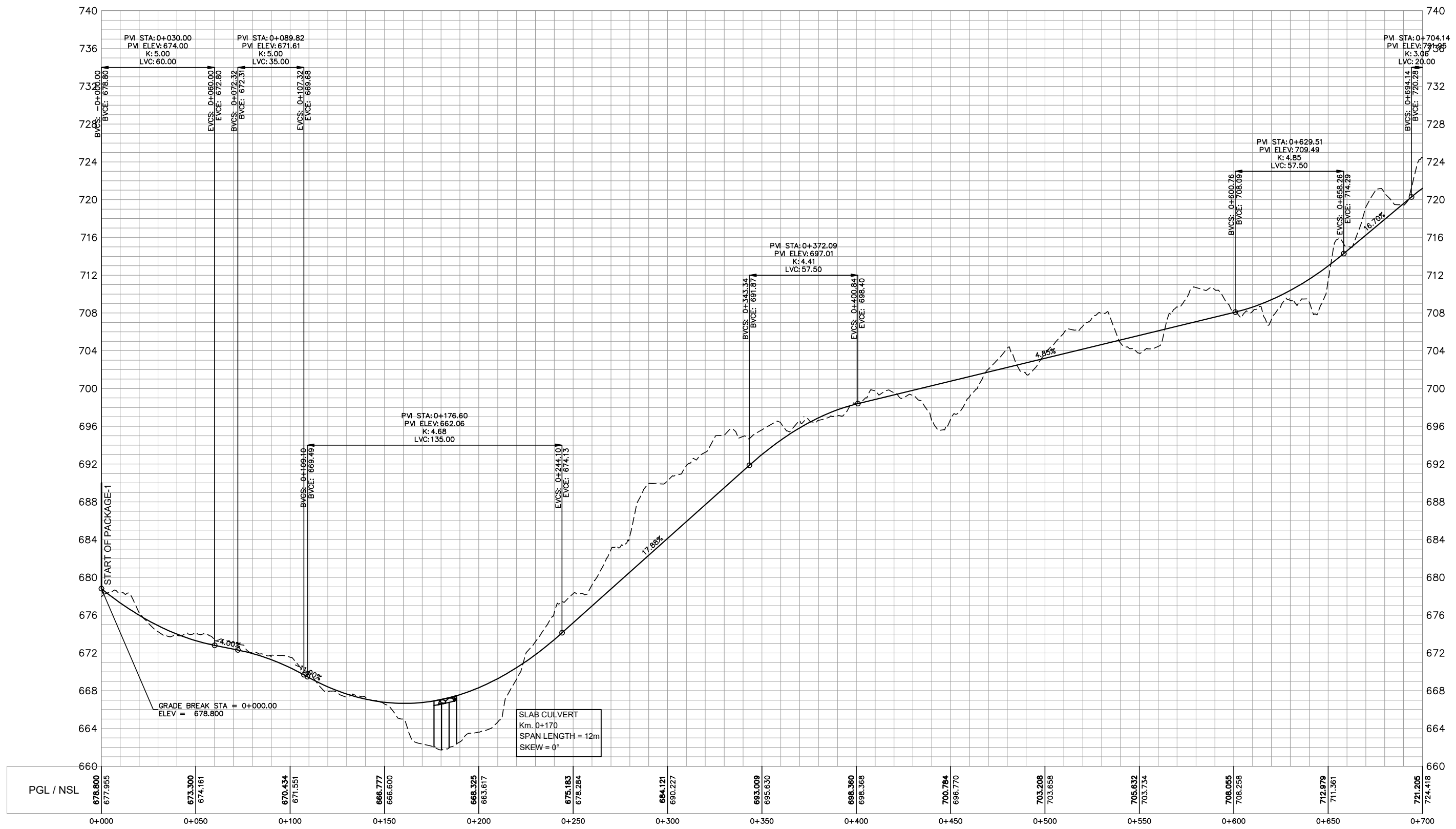
PLAN AND PROFILE



PI # 1 PI STA =0+068.160 N = 3879267.740 E = 308120.680 I = 144°15'	PI # 2 PI STA =0+230.838 N = 3879399.857 E = 308023.968 I = 148°36'	PI # 3 PI STA =0+440.233 N = 3879611.330 E = 308006.164 I = 145°48'	PI # 4 PI STA =0+692.087 N = 3879809.886 E = 307845.321 I = 161°42'
T = 16.126 R = 50.00 L = 31.199 C = 30.696 E = 2.536 M = 2.414	T = 56.203 R = 200.00 L = 109.580 C = 108.214 E = 7.747 M = 7.458	T = 61.522 R = 200.00 L = 119.370 C = 117.606 E = 9.249 M = 8.840	T = 48.301 R = 300.00 L = 95.780 C = 95.374 E = 3.863 M = 3.814

CLIENT		CONSULTANT		04		DRAWN		Faisal		PROJECT		DUBAIR ROAD PLAN		SCALE			
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		FROM KM. 0+000 TO KM. 0+700					
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION								APPROVED	
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.										DATE		DRAWING No.		REV.	
												JUNE, 2026		4520/102/C/1C001		0	

Dubair Road PROFILE



HORIZONTAL GEOMETRY	L = 52.03									
	L = 31.20 R = 50.00									
	L = 91.40									
Sup. Elev. LT.	L = 109.58 R = 200.00									
	L = 94.50									
	L = 119.37 R = 200.00									
Sup. Elev. RT.	L = 145.70									
	L = 95.78 R = 300.00									

WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)

CONSULTANT

NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.

HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.

04				DRAWN	Faisal
03				SUBMITTED	
02				RECOMMENDED	
01				CHD./VER.	
REV.	DATE	DESCRIPTION	APPROVED	APPROVED	

PROJECT

DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)

DUBAIR ROAD PROFILE		SCALE
FROM KM. 0+000 TO KM. 0+700		
DATE	DRAWING No.	REV.
JUNE, 2026	4520/102/C/1C001A	0



PI # 5 PI STA =0+901.155 N = 3880006.204 E = 307771.072 I = 10°05' T = 113.338 R = 10.00 L = 29.656 C = 19.923 E = 103.778 M = 9.121	PI # 6 PI STA =0+896.609 N = 3879817.034 E = 307806.585 I = 167°59' T = 21.048 R = 200.00 L = 41.942 C = 41.865 E = 1.105 M = 1.098	PI # 7 PI STA =0+928.070 N = 3879787.857 E = 307818.759 I = 86°51' T = 10.567 R = 10.00 L = 16.259 C = 14.526 E = 4.548 M = 3.126	PI # 8 PI STA =0+944.329 N = 3879780.806 E = 307798.837 I = 86°51' T = 10.567 R = 10.00 L = 16.259 C = 14.526 E = 4.548 M = 3.126	PI # 9 PI STA =1+090.767 N = 3879926.011 E = 307756.282 I = 164°08' T = 69.642 R = 500.00 L = 138.394 C = 137.953 E = 4.827 M = 4.781	PI # 10 PI STA =1+276.160 N = 3880112.288 E = 307754.736 I = 167°41' T = 7.550 R = 70.00 L = 15.042 C = 15.013 E = 0.406 M = 0.404	PI # 11 PI STA =1+303.146 N = 3880138.662 E = 307748.750 I = 144°29' T = 9.610 R = 30.00 L = 18.600 C = 18.303 E = 1.501 M = 1.430	PI # 12 PI STA =1+340.876 N = 3880174.032 E = 307763.571 I = 152°58' T = 9.613 R = 40.00 L = 18.868 C = 18.694 E = 1.139 M = 1.107
PI # 13 PI STA =1+365.785 N = 3880199.227 E = 307761.680 I = 167°16' T = 8.372 R = 75.00 L = 16.675 C = 16.641 E = 0.466 M = 0.463	PI # 14 PI STA =1+381.339 N = 3880214.681 E = 307763.975 I = 149°59' T = 6.703 R = 25.00 L = 13.098 C = 12.948 E = 0.883 M = 0.853	PI # 15 PI STA =1+396.059 N = 3880228.657 E = 307758.450 I = 144°49' T = 7.925 R = 25.00 L = 15.349 C = 15.110 E = 1.226 M = 1.169					

CLIENT		CONSULTANT		04		DRAWN		Faisal		PROJECT		DUBAIR ROAD PLAN		SCALE	
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		FROM KM. 0+700 TO KM. 1+400			
				02		RECOMMENDED									
				01		CHD./VER.									
				HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		REV.		DATE							
										DATE		DRAWING No.		REV.	
										JUNE, 2026		4520/102/C/1C002		0	