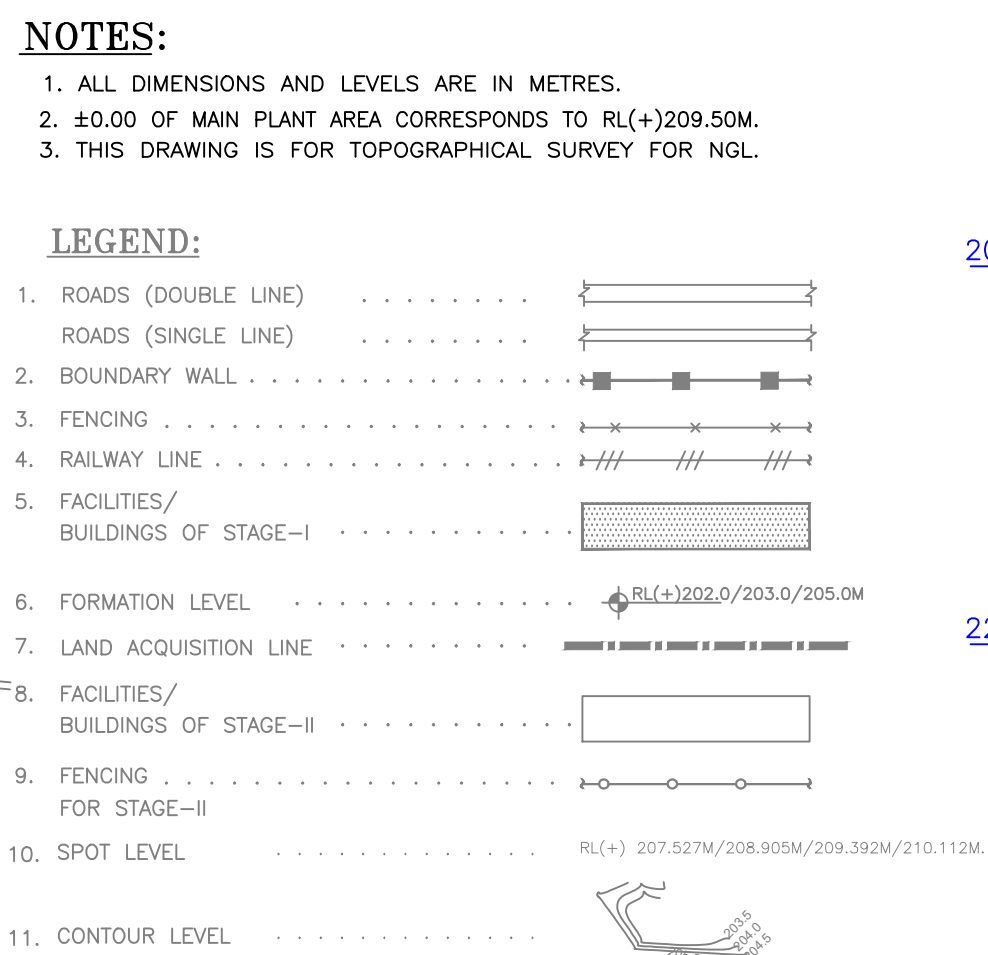
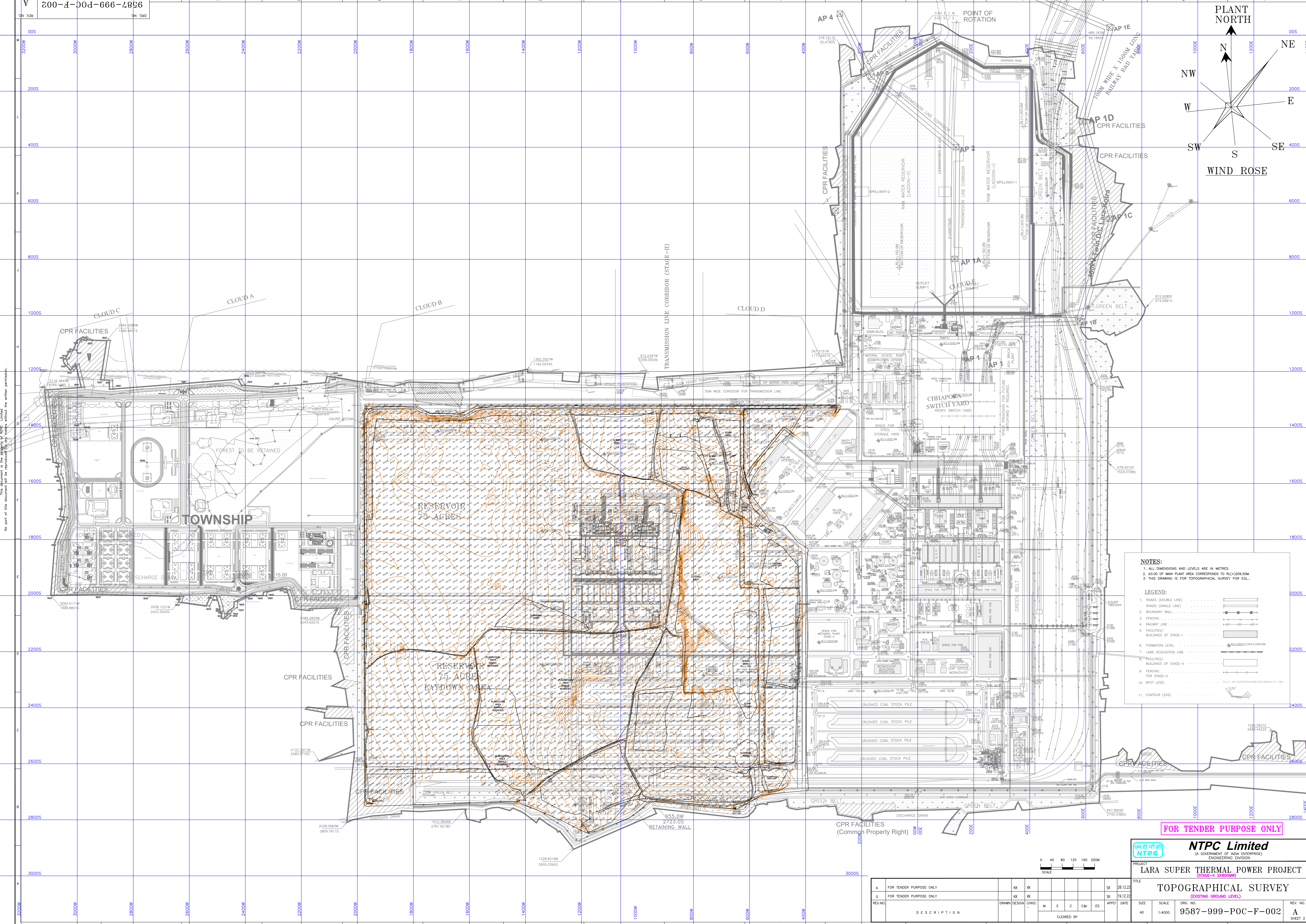




	NTPC Limited (A GOVERNMENT OF INDIA ENTERPRISE) ENGINEERING DIVISION
PROJECT LARA SUPER THERMAL POWER PROJECT (STAGE-II 2X800MW)	
TITLE TOPOGRAPHICAL SURVEY OLD SURVEY DATA FOR NGL PURPOSE	
SIZE A0	SCALE 1:4000
DRG. NO. 9587-999-POC-F-002	
REV. NO. A SHEET 1	

A	FOR TENDER PURPOSE ONLY	TSY	KK								28.12.22
0	FOR TENDER PURPOSE ONLY	MANU	KK								19.12.22
REV.NO.		DRAWN	DESIGN	CHKD.	M	E	C	O&I	ES	APPD	DATE
DESCRIPTION						CLEARED BY					

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NOTES:

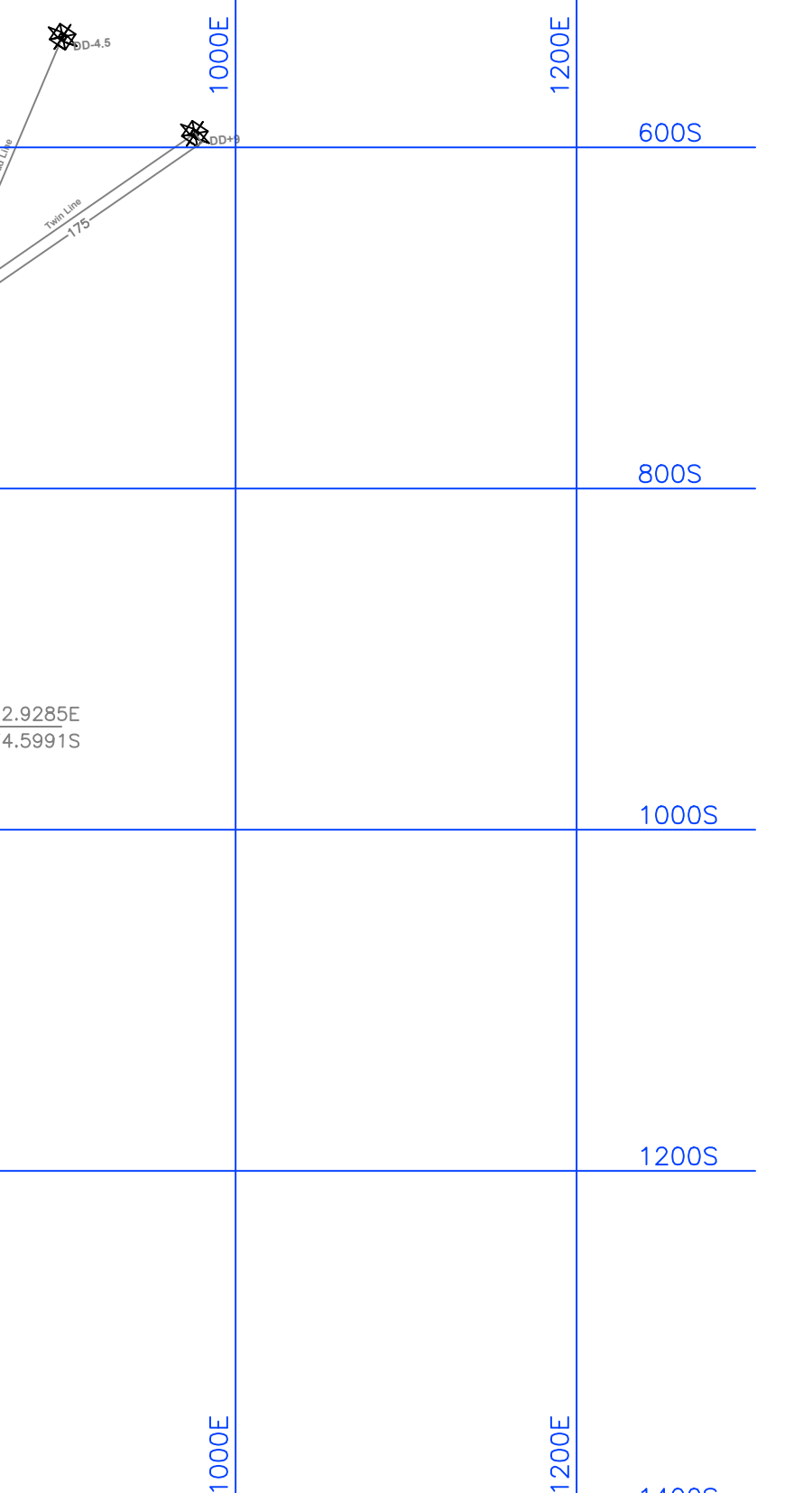
1. ALL DIMENSIONS AND LEVELS ARE IN METRES.
2. ± 0.00 OF MAIN PLANT AREA CORRESPONDS TO RL(+209.50M).
3. THIS DRAWING IS FOR TOPOGRAPHICAL SURVEY FOR EGL.

LEGEND:

1. ROADS (DOUBLE LINE)
2. ROADS (SINGLE LINE)
3. BOUNDARY WALL
4. FENCING
5. RAILWAY LINE
6. FACILITIES/ BUILDINGS OF STAGE-I
7. FORMATION LEVEL
8. LAND ACQUISITION LINE
9. FACILITIES/ BUILDINGS OF STAGE-II
10. FENCING FOR STAGE-II
11. SPOT LEVEL
12. CONTOUR LEVEL

FOR TENDER PURPOSE ONLY

0480120160200M SCALE										प्लॉट नं.पीसी NTPC		NTPC Limited (A GOVERNMENT OF INDIA ENTERPRISE) ENGINEERING DIVISION					
PROJECT										LARA SUPER THERMAL POWER PROJECT							
										(STAGE-II 2X800MW)							
TITLE										TOPOGRAPHICAL SURVEY							
										(EXISTING GROUND LEVEL)							
A	FOR TENDER PURPOSE ONLY			KK	VK				SK	28.12.22							
O	FOR TENDER PURPOSE ONLY			KK	VK				SK	19.12.22							
REV.NO.	DESCRIPTION			DRAWN	DESIGN	CHKD.	M	E	C	O&I	ES	APPD	DATE	SIZE	SCALE	DRG. NO.	REV. NO.
				CLEARED BY								AO	1:4000	9587-999-POC-F-002	A		
																	SHEET 2



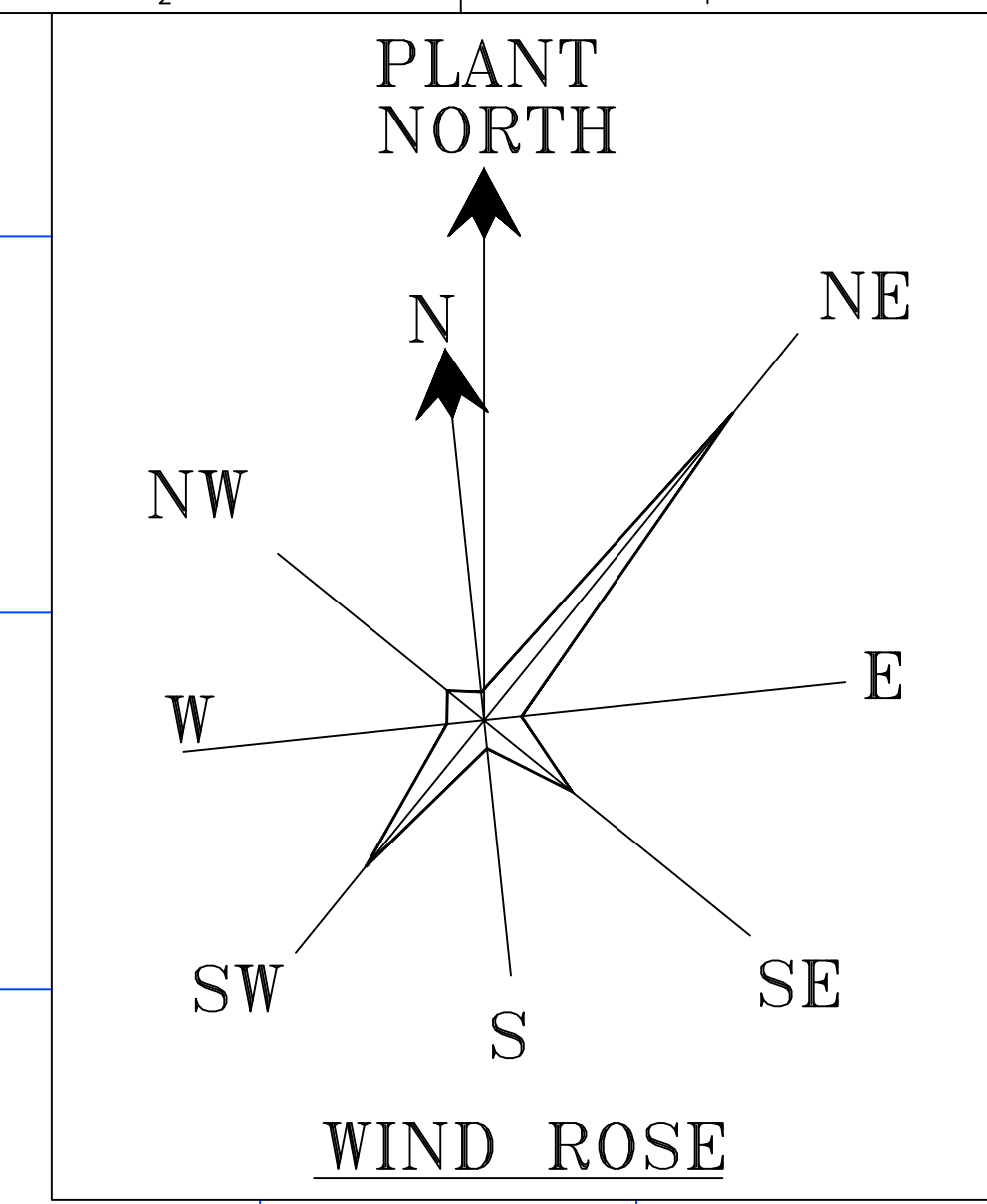
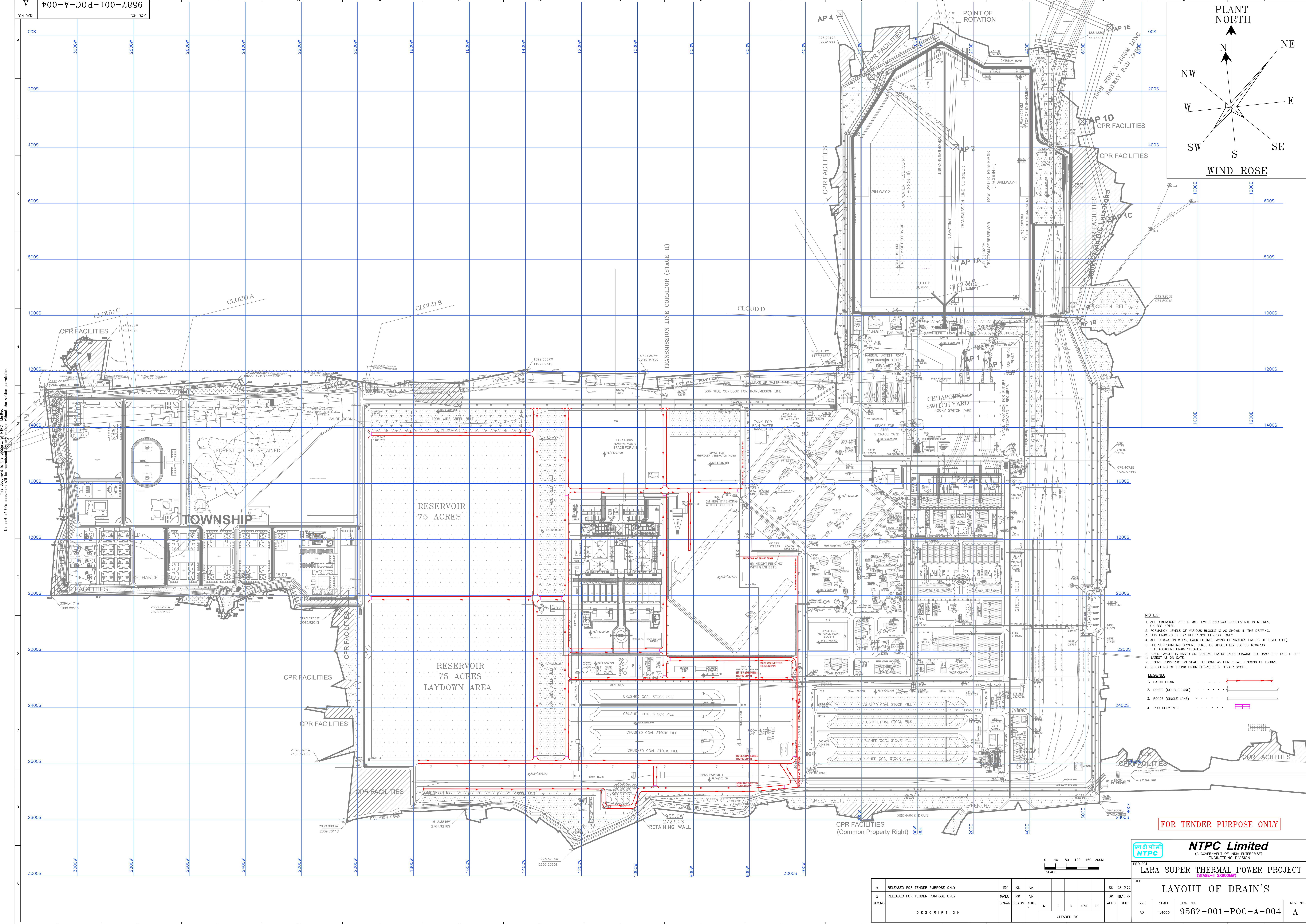
NOTES:

1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METRES.
2. GRIDS ARE MARKED AT 200MM INTERVALS IN BOTH DIRECTIONS.
3. SITE CLEARANCE SHALL BE DONE AS PER TECHNICAL SPECIFICATIONS UPTO 2MM BEYOND EXPECTED LINE OF FILLING/CUTTING.
4. FILLING WITH EARTH SHALL BE DONE IN LAYERS AND COMPACTED TO 95% OR MORE OF STANDARD PROCTOR MAXIMUM DRY DENSITY AS PER SPECIFICATIONS.
5. SLOPES IN FILLING SHALL BE 1V:2.5H UNLESS SPECIFICALLY NOTED OTHERWISE.
6. ALL CO-ORDINATES ARE SPECIFIED FOR THE TOP EDGE OF THE SLOPE OF FILLING/CUTTING.
7. PRIORITIES FOR VARIOUS BLOCKS SHALL BE AS PER THE WORK PROGRAMME AND INSTRUCTIONS OF ENGINEER.

RL(+) 202.0M	RL(+) 209.0M	RL(+) 210.0M
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	NTPC Limited (A GOVERNMENT OF INDIA ENTERPRISE) ENGINEERING DIVISION		
PROJECT	LARA SUPER THERMAL POWER PROJECT		
TITLE	(STAGE-I 2500MW) SITE LEVELLING PLAN		
SIZE	SCALE	DRG. NO.	REV. NO.
A0	1:40000	9587-001-POC-A-003	A

A	RELEASED FOR TENDER PURPOSE ONLY			KK	VK						SK	28.12.22	TITLE	SITE LEVELLING PLAN	REV. NO.	A
O	RELEASED FOR TENDER PURPOSE ONLY			KK	VK						SK	05.09.22				
REV.NO.	DESCRIPTION	DRAWN	DESIGN	CHKD.	M	E	C	C&I	ES	APPRO	DATE	SIZE	SCALE	DRG. NO.		
					CLEARED BY								AO	1:4000	9587-001-POC-A-003	



- NOTES:**
1. ALL DIMENSIONS ARE IN MM. LEVELS AND COORDINATES ARE IN METRES, UNLESS NOTED.
 2. FORMATION LEVELS OF VARIOUS BLOCKS IS AS SHOWN IN THE DRAWING. THIS DRAWING IS FOR REFERENCE PURPOSE ONLY.
 3. ALL EXCAVATION WORK, BACK FILLING, LAYING OF VARIOUS LAYERS OF LEVEL (FGL), THE SURROUNDING GROUND SHALL BE ADEQUATELY SLOPED TOWARDS THE ADJACENT DRAIN SUITABLY.
 4. DRAIN LAYOUT IS BASED ON GENERAL LAYOUT PLAN DRAWING NO. 9587-999-POC-P-001 LATEST AS ON DATE.
 5. DRAINS CONSTRUCTION SHALL BE DONE AS PER DETAIL DRAWING OF DRAINS.
 6. REROUTING OF TRUNK DRAIN (TD-2) IS IN BOLDER SCOPE.
- LEGEND:**
1. CATCH DRAIN
 2. ROADS (DOUBLE LANE)
 3. ROADS (SINGLE LANE)
 4. RCC CULVERTS

FOR TENDER PURPOSE ONLY

**NTPC Limited**
(A GOVERNMENT OF INDIA ENTERPRISE)
ENGINEERING DIVISION

PROJECT
LARA SUPER THERMAL POWER PROJECT
(STAGE-II 2800MW)

TITLE
LAYOUT OF DRAIN'S

REV. NO. 0
DESCRIPTION
RELEASED FOR TENDER PURPOSE ONLY

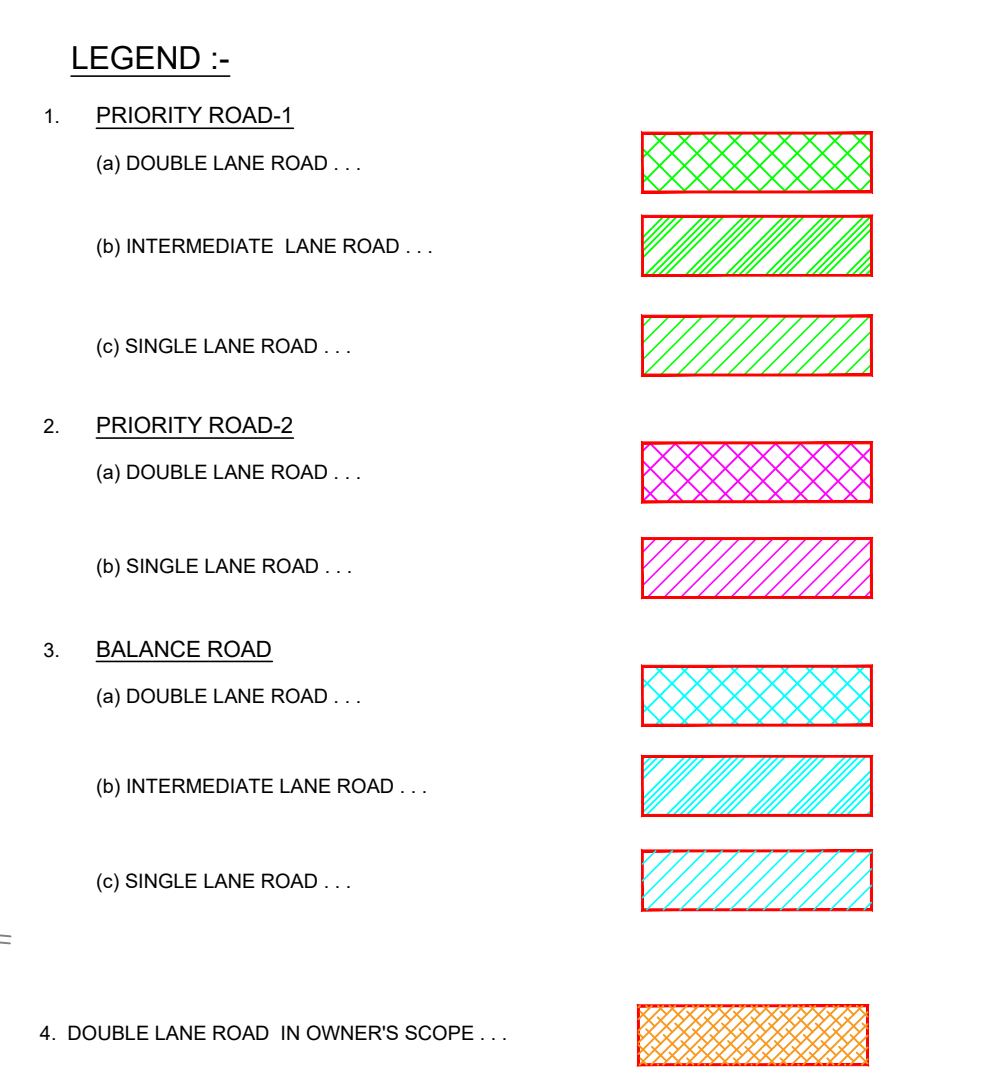
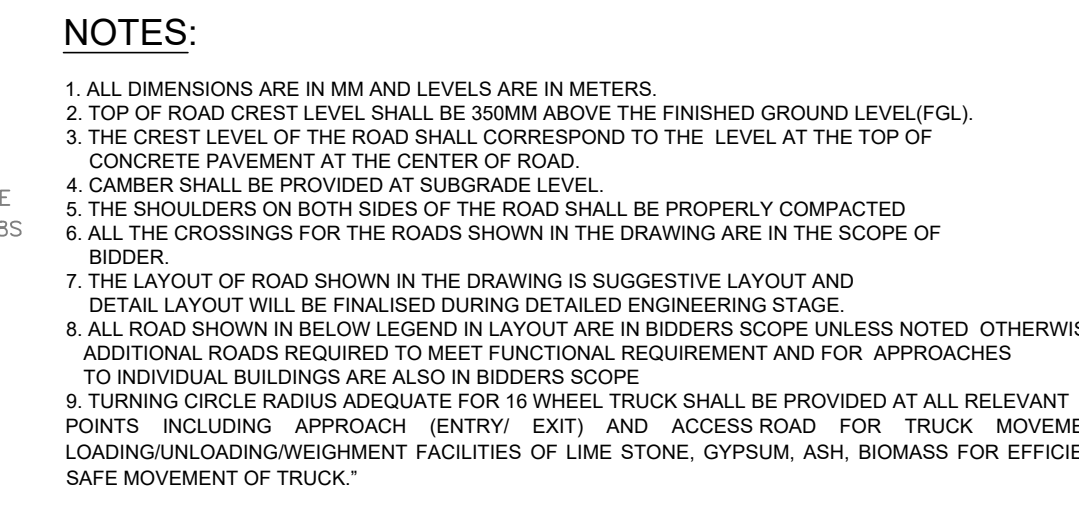
TSY KK VK
MANOJ KK VK
DRAWN DESIGN CHKD.
M E C C&I ES
CLEARED BY

SK 28.12.22
SK 18.12.22
APPD DATE

SIZE 1:4000
SCALE

DRG. NO. 9587-001-POC-A-004

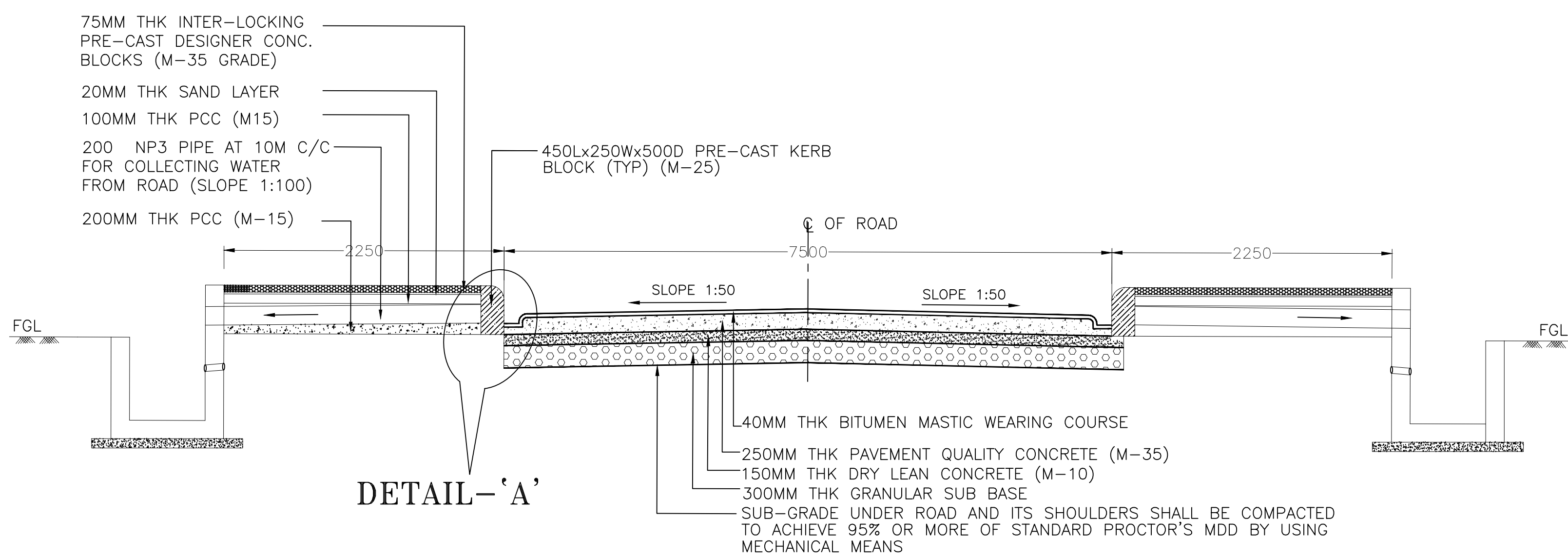
REV. NO. A



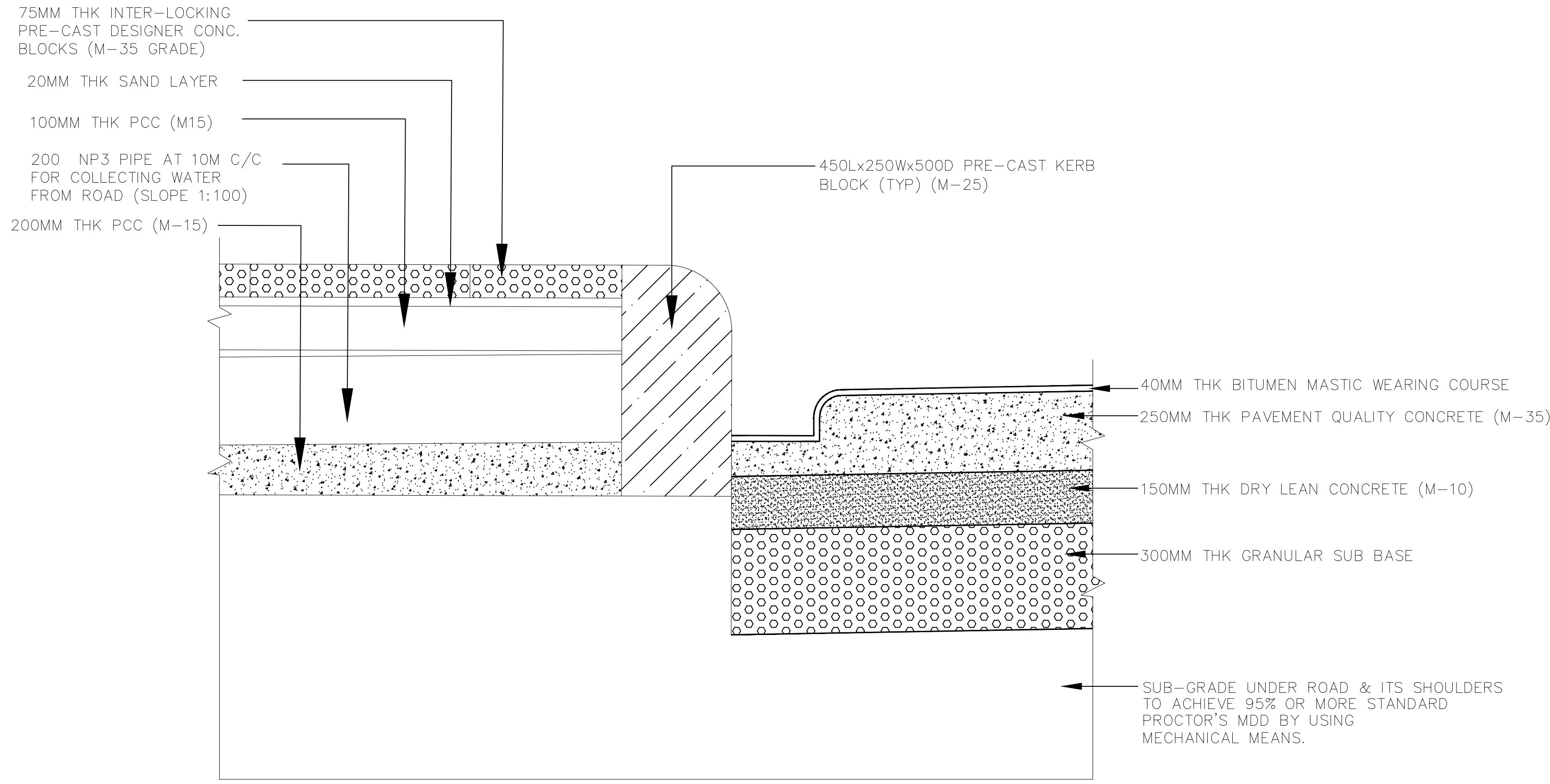
FOR TENDER PURPOSE ONLY

	NTPC Limited (A GOVERNMENT OF INDIA ENTERPRISE) ENGINEERING DIVISION			
PROJECT	LARA SUPER THERMAL POWER PROJECT (STAGE-I (2x800MW))			
TITLE	LAYOUT OF ROADS			
DATE	SIZE	SCALE	DRG. NO.	REV. NO.
06.12.22 07.09.23 06.08.23	A0	1:4000	9587-001-POC-A-005	A

A	RELEASED FOR TENDER PURPOSE ONLY	TSY	KK	YK						SK	2
O	RELEASED FOR TENDER PURPOSE ONLY	MANU	KK	YK						SK	2
REV.NO		DRAWN	DESIGN	CHKD.	M	E	C	Ch	ES	APPD	
	DESCRIPTION				CLEARED BY						

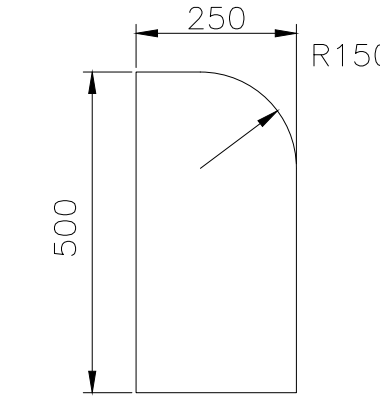


TYPICAL CROSS SECTION OF DOUBLE LANE ROAD
(WITH RAISED SHOULDERS)

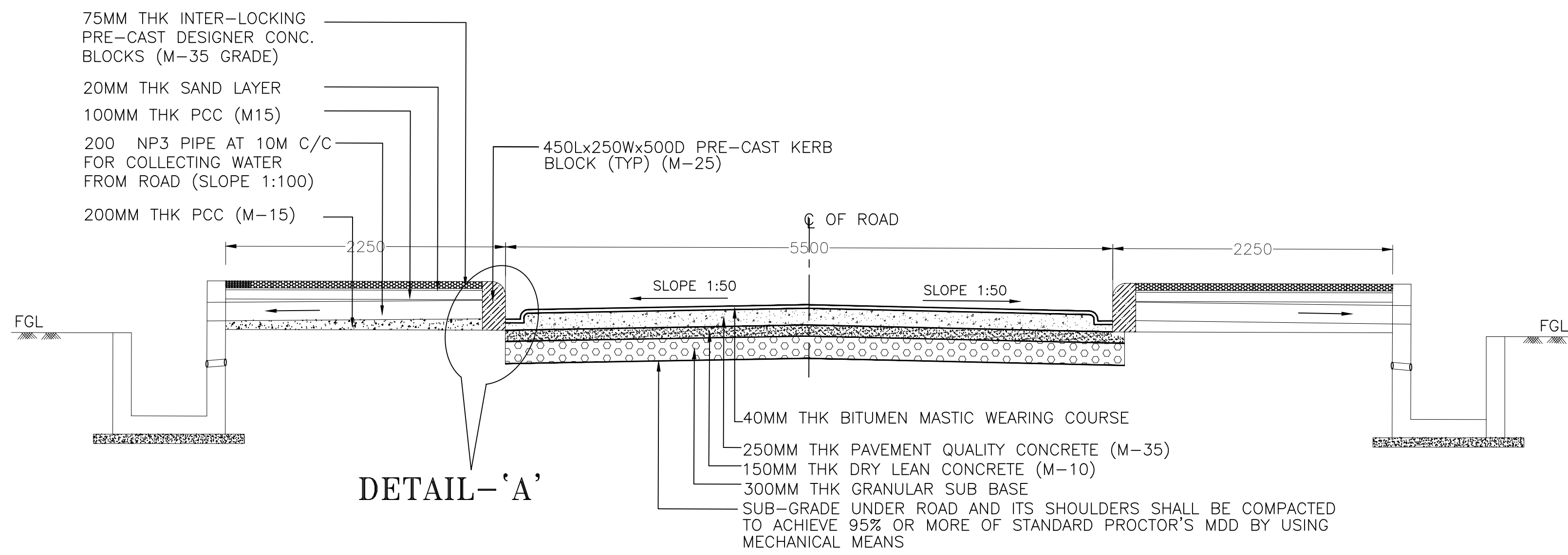


DETAIL-'A'

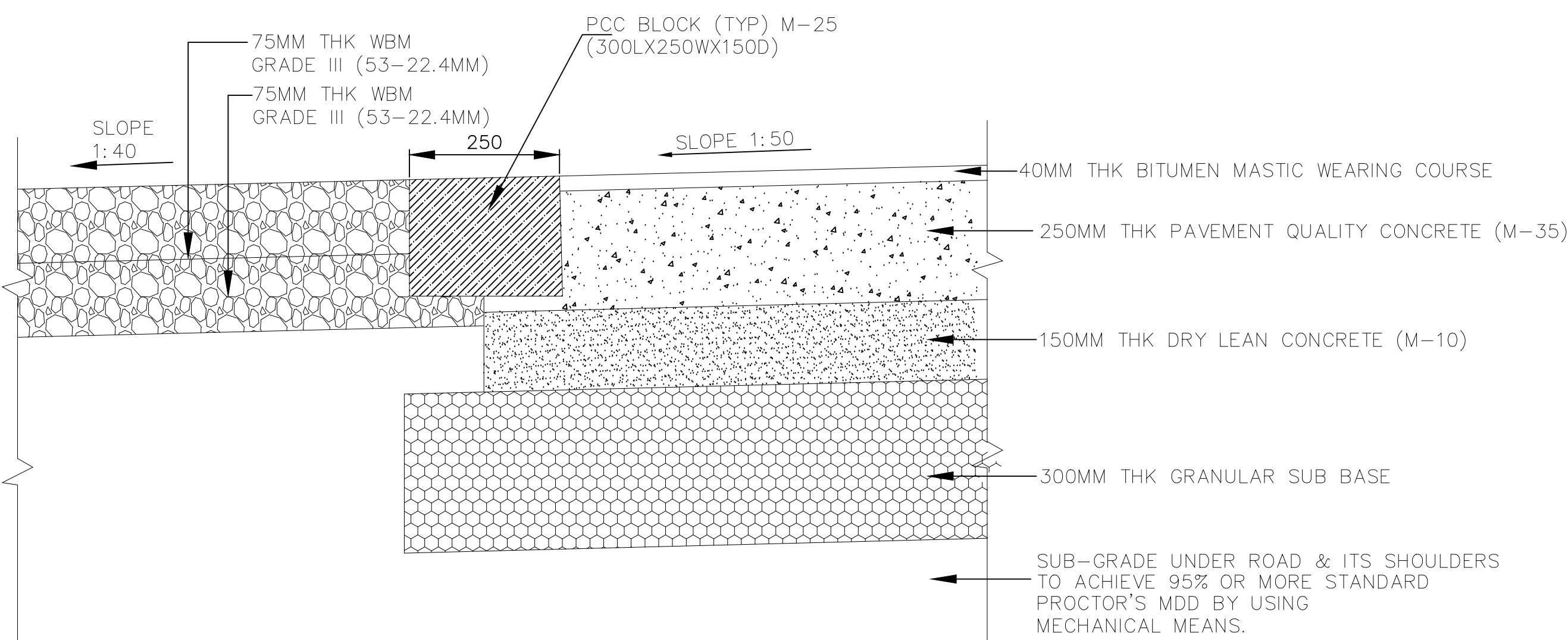
ISOMETRIC VIEW OF
KERB BLOCK



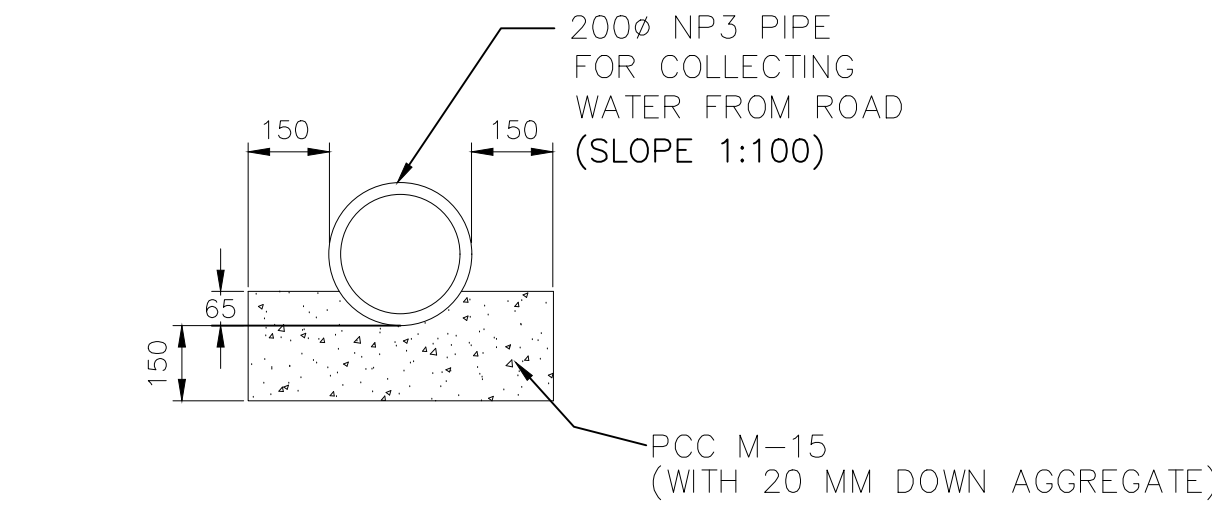
DETAILS OF
KERB BLOCK



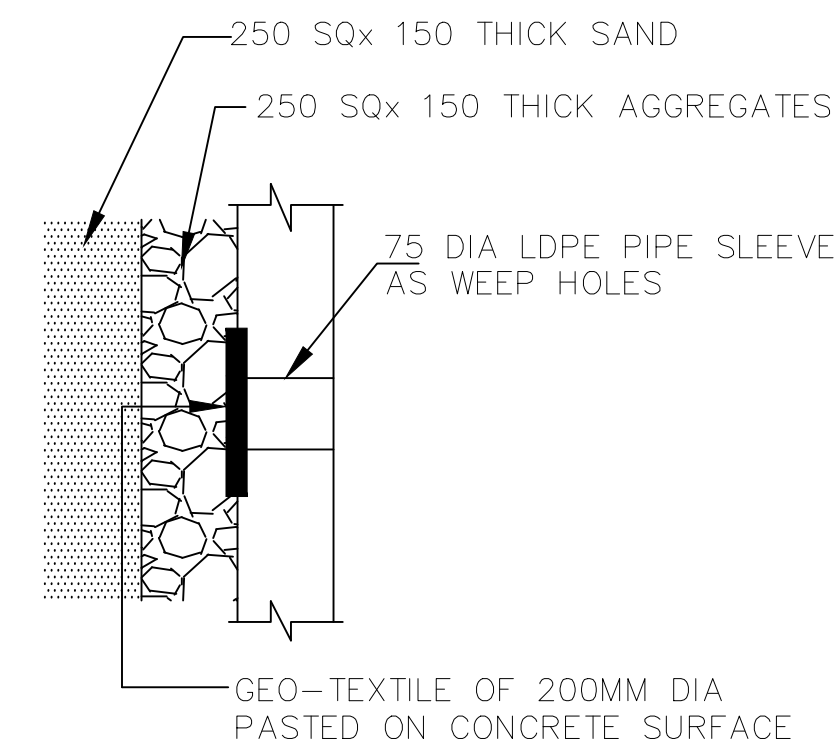
TYPICAL CROSS SECTION OF INTERMEDIATE LANE ROAD
(WITH RAISED SHOULDERS)



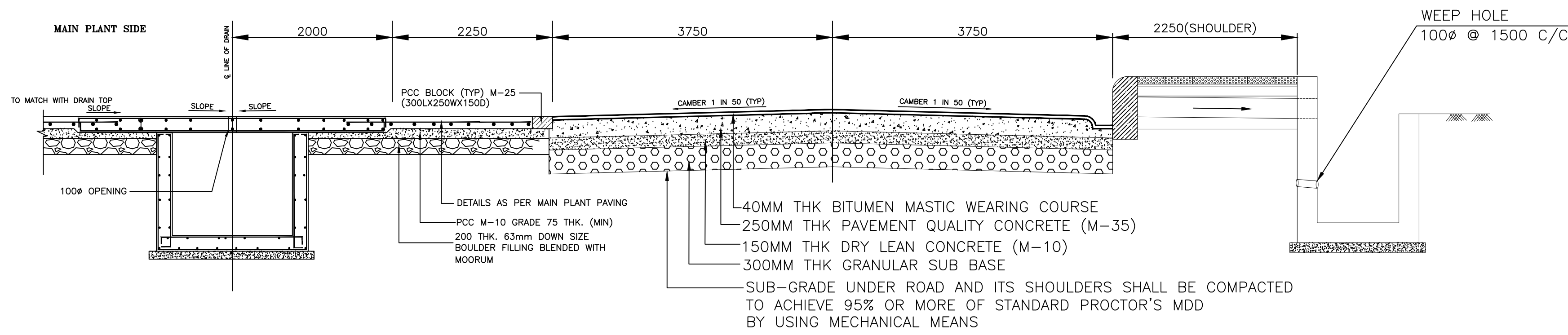
DETAIL-'B'



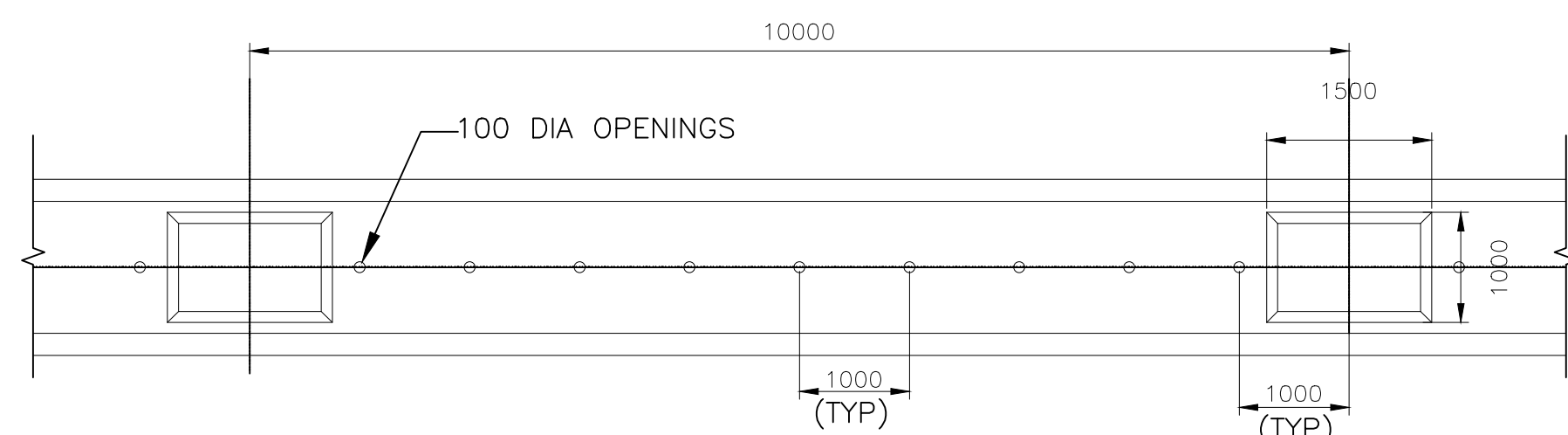
SECTION B
DETAILS OF 200 DIA NP3
PIPES LAYING AT 10M C/C
(CONTINUOUS GRADE BEDDING)



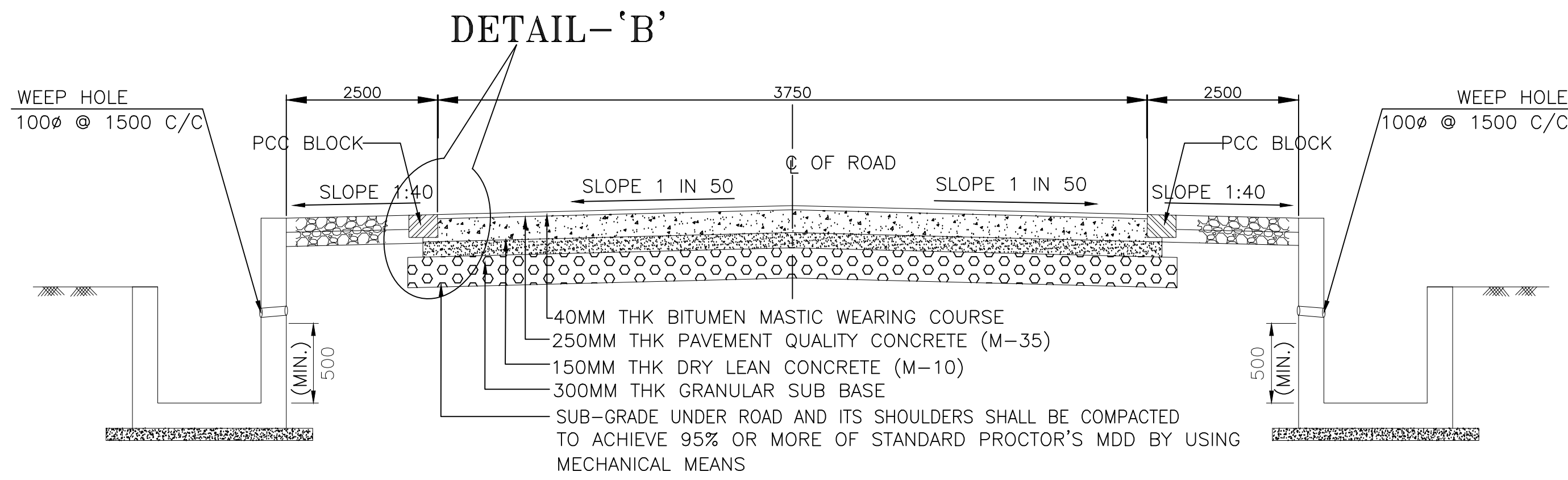
DETAILS OF
WEEP HOLES



TYPICAL CROSS SECTION OF DOUBLE LANE
SURROUNDING MAIN POWER HOUSE



MANHOLE/DRAIN COVER LAYOUT PLAN
IN MAIN PLANT AREA (TYPICAL)



TYPICAL CROSS SECTION OF SINGLE LANE ROAD
(WITH FLAT SHOULDERS)

NOTES

1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METRES.
2. TOP OF ROAD CREST LEVEL SHALL BE 350MM ABOVE THE FINISHED GROUND LEVEL(FGL).
3. THE CREST LEVEL OF THE ROAD SHALL CORRESPOND TO THE LEVEL AT THE TOP OF CONCRETE PAVEMENT AT THE CENTRE OF ROAD.
4. CAMBER SHALL BE PROVIDED AT SUBGRADE LEVEL.
5. ALL EXCAVATION WORK, BACK FILLING, LAYING OF VARIOUS LAYERS OF ROAD CONSTRUCTION SHALL BE AS PER TECHNICAL SPECIFICATIONS.
6. NO MATERIAL WITH CBR VALUE LESS THAN 100% SHOULD BE USED IN BASE CONSTRUCTION.
7. THE SHOULDERS ON BOTH SIDES OF THE ROAD SHALL BE PROPERLY COMPACTED.
8. ROAD CONSTRUCTION SHALL BE DONE AS PER DETAIL DRAWING OF ROAD.
9. CONCRETE SHALL BE OF GRADE M25 FOR DRAINS AND CULVERTS AS PER IS: 456-2000.
10. CONCRETE MENTIONED IN ROAD PAVEMENT SHALL BE READ AS GEO-POLYMER CONCRETE

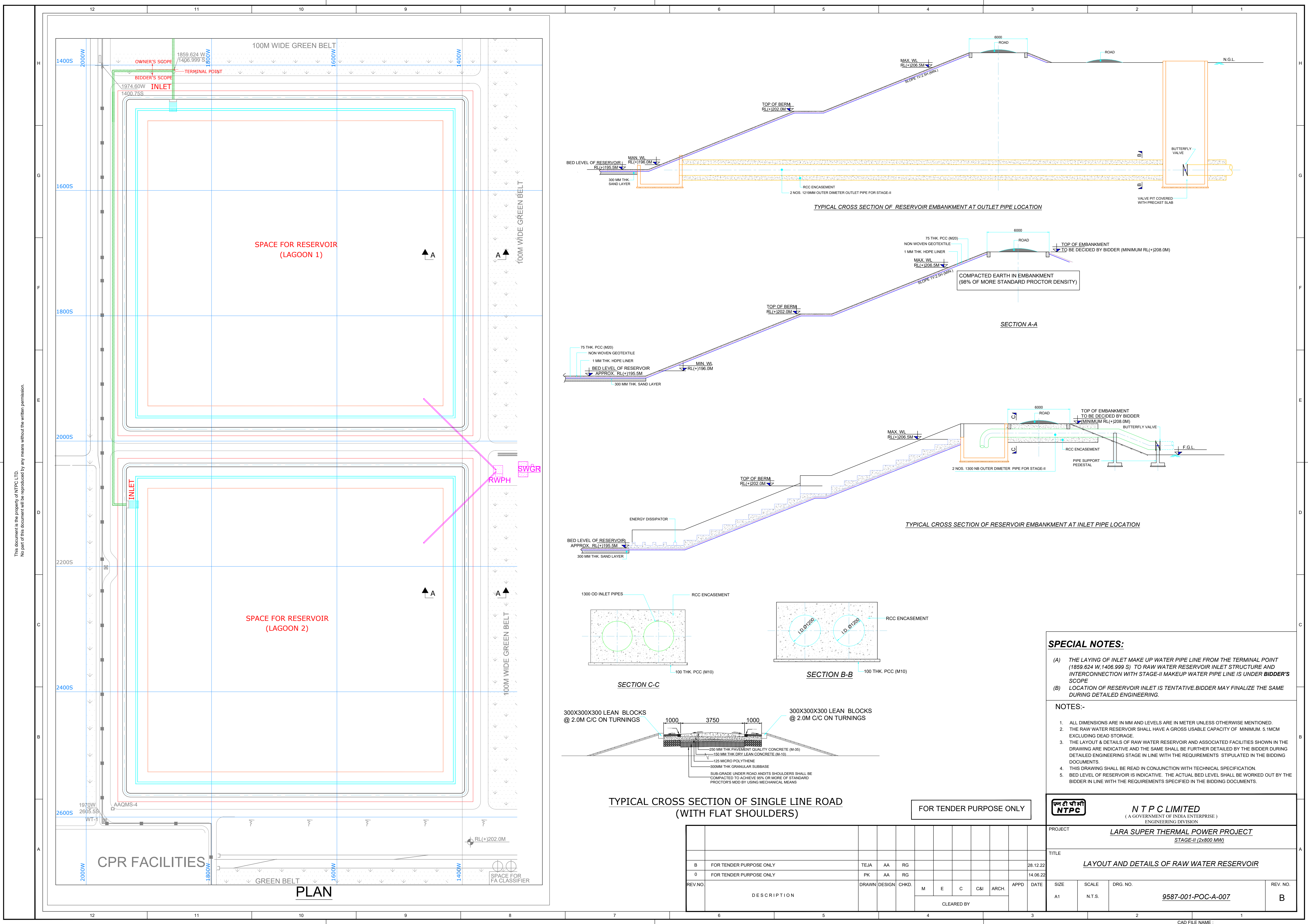
REFERENCE DRAWING

1. 9587-999-POC-F-001 TITLED 'GENERAL LAYOUT PLAN'
2. 9587-001-POC-A-005 TITLED 'LAYOUT OF ROADS'

FOR TENDER PURPOSE ONLY

एन टी पी सी NTPC NTPC Limited (A GOVERNMENT OF INDIA ENTERPRISE) ENGINEERING DIVISION			
PROJECT	LARA SUPER THERMAL POWER PROJECT (STAGE-II 2X800MW)		
PACKAGE			
TITLE	DETAIL'S OF ROADS		
SIZE A1	SCALE NTS	DRG. NO. 9587-001-POC-A-06	REV. NO. A

0	FOR TENDER PURPOSE ONLY	TSY	KK	VK	-	-	-	-		28.12.2	
0	FOR TENDER PURPOSE ONLY	MANOJ	KK		-	-	-	-		24.08.2	
REV.NO.		DRN	DESIGN	CHKD.	M	E	C	C&I	ES	APPD	DATE
DESCRIPTION					CLEARED BY						



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- SPECIAL NOTES:**
- (A) THE LAYING OF INLET MAKE UP WATER PIPE LINE FROM THE TERMINAL POINT (1859.624 W, 1406.999 S) TO RAW WATER RESERVOIR INLET STRUCTURE AND INTERCONNECTION WITH STAGE-II MAKEUP WATER PIPE LINE IS UNDER **BIDDER'S** SCOPE
 - (B) LOCATION OF RESERVOIR INLET IS TENTATIVE. BIDDER MAY FINALIZE THE SAME DURING DETAILED ENGINEERING.
- NOTES:-**
- 1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METER UNLESS OTHERWISE MENTIONED.
 - 2. THE RAW WATER RESERVOIR SHALL HAVE A GROSS USABLE CAPACITY OF MINIMUM 5.1MCM EXCLUDING DEAD STORAGE.
 - 3. THE LAYOUT & DETAILS OF RAW WATER RESERVOIR AND ASSOCIATED FACILITIES SHOWN IN THE DRAWING ARE INDICATIVE AND THE SAME SHALL BE FURTHER DETAILED BY THE BIDDER DURING DETAILED ENGINEERING STAGE IN LINE WITH THE REQUIREMENTS STIPULATED IN THE BIDDING DOCUMENTS.
 - 4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH TECHNICAL SPECIFICATION.
 - 5. BED LEVEL OF RESERVOIR IS INDICATIVE. THE ACTUAL BED LEVEL SHALL BE WORKED OUT BY THE BIDDER IN LINE WITH THE REQUIREMENTS SPECIFIED IN THE BIDDING DOCUMENTS.

PROJECT		LARA SUPER THERMAL POWER PROJECT STAGE-II (2x800 MW)	
TITLE		LAYOUT AND DETAILS OF RAW WATER RESERVOIR	
SIZE	SCALE	DRG. NO.	REV. NO.
A1	N.T.S.	9587-001-POC-A-007	B

B	FOR TENDER PURPOSE ONLY	TEJA	AA	RG							28.12.22
0	FOR TENDER PURPOSE ONLY	PK	AA	RG							14.06.22
REV.NO.	DESCRIPTION	DRAWN	DESIGN	CHKD.	M	E	C	C&I	ARCH.	APPD	DATE
					CLEARED BY						