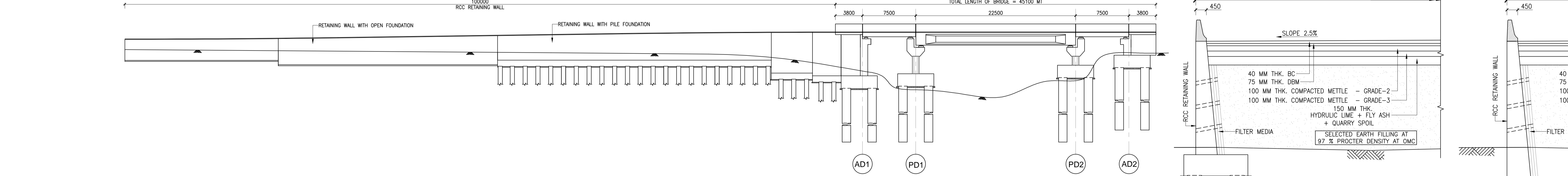
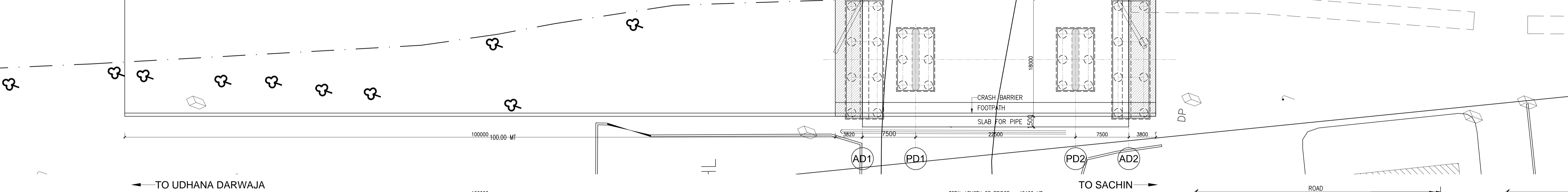
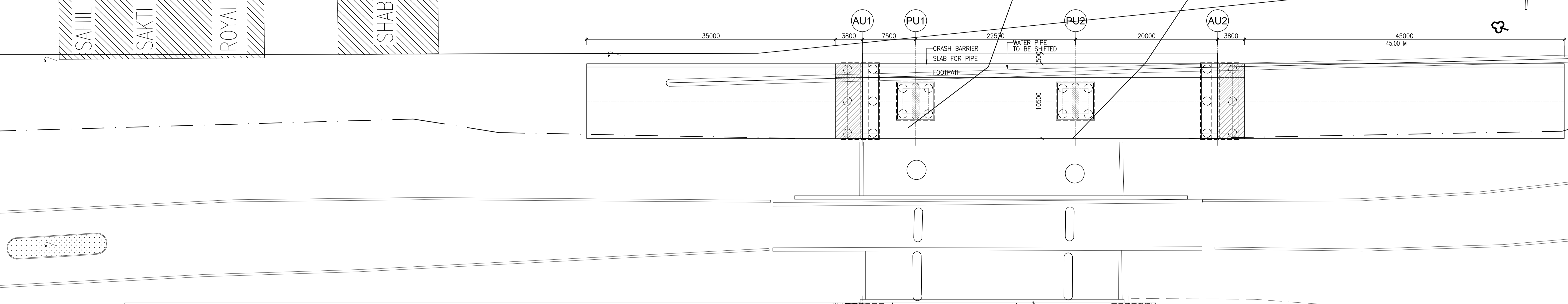
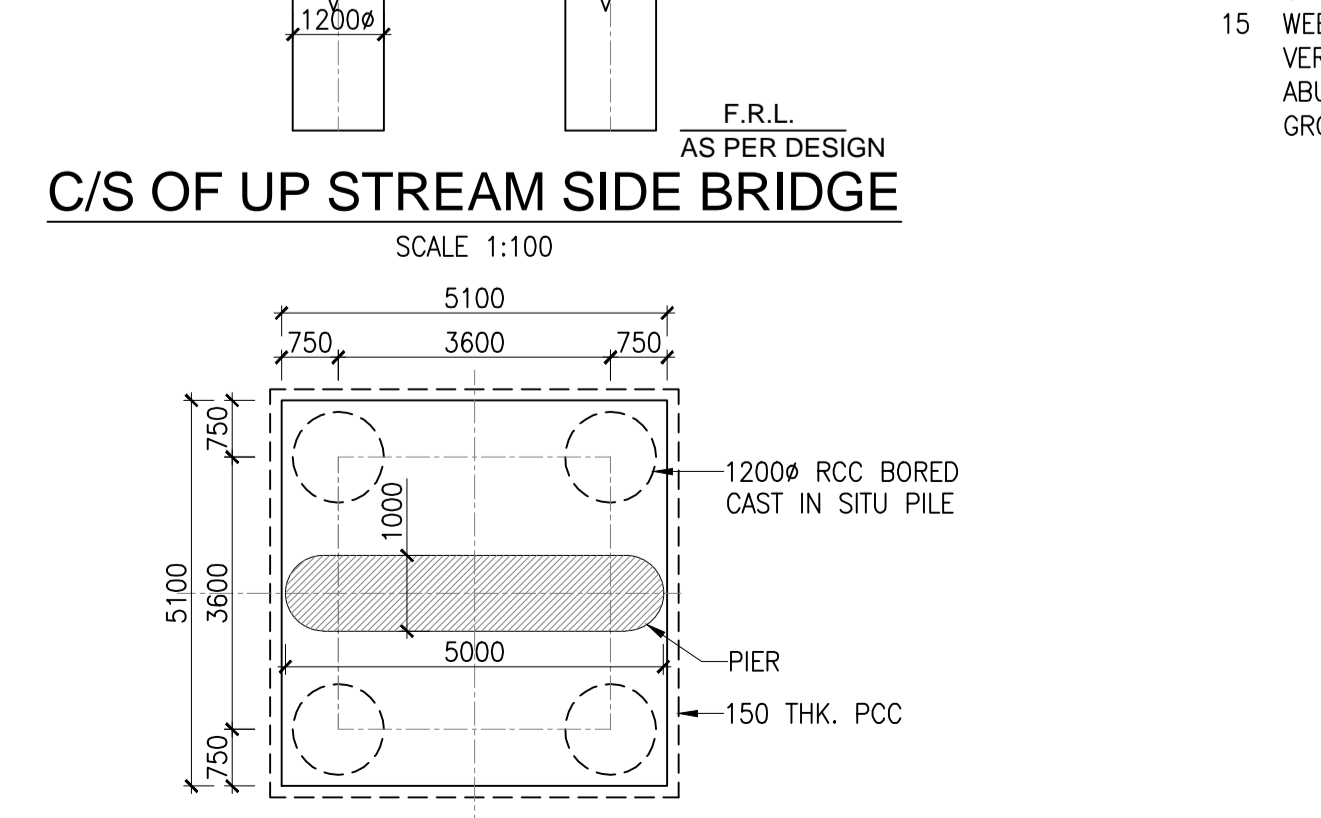
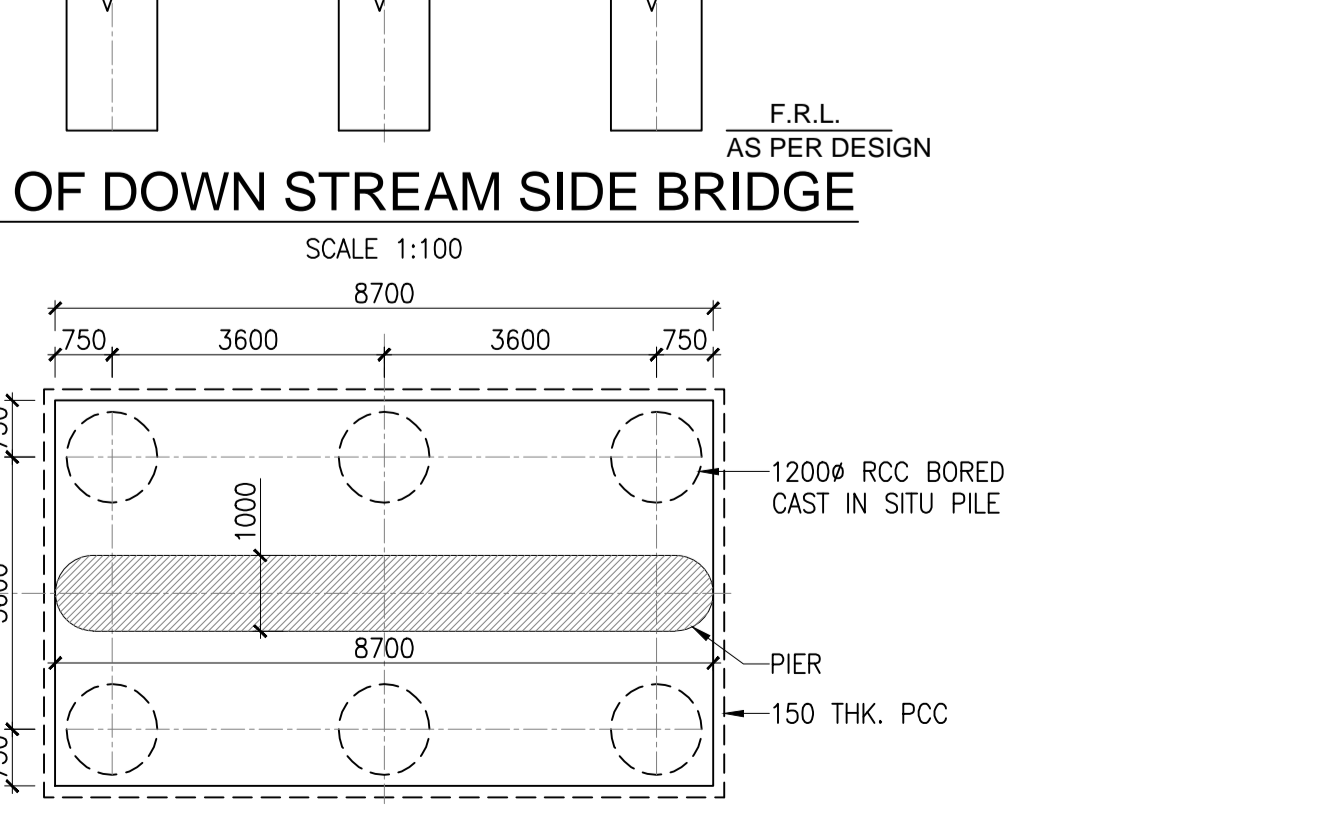
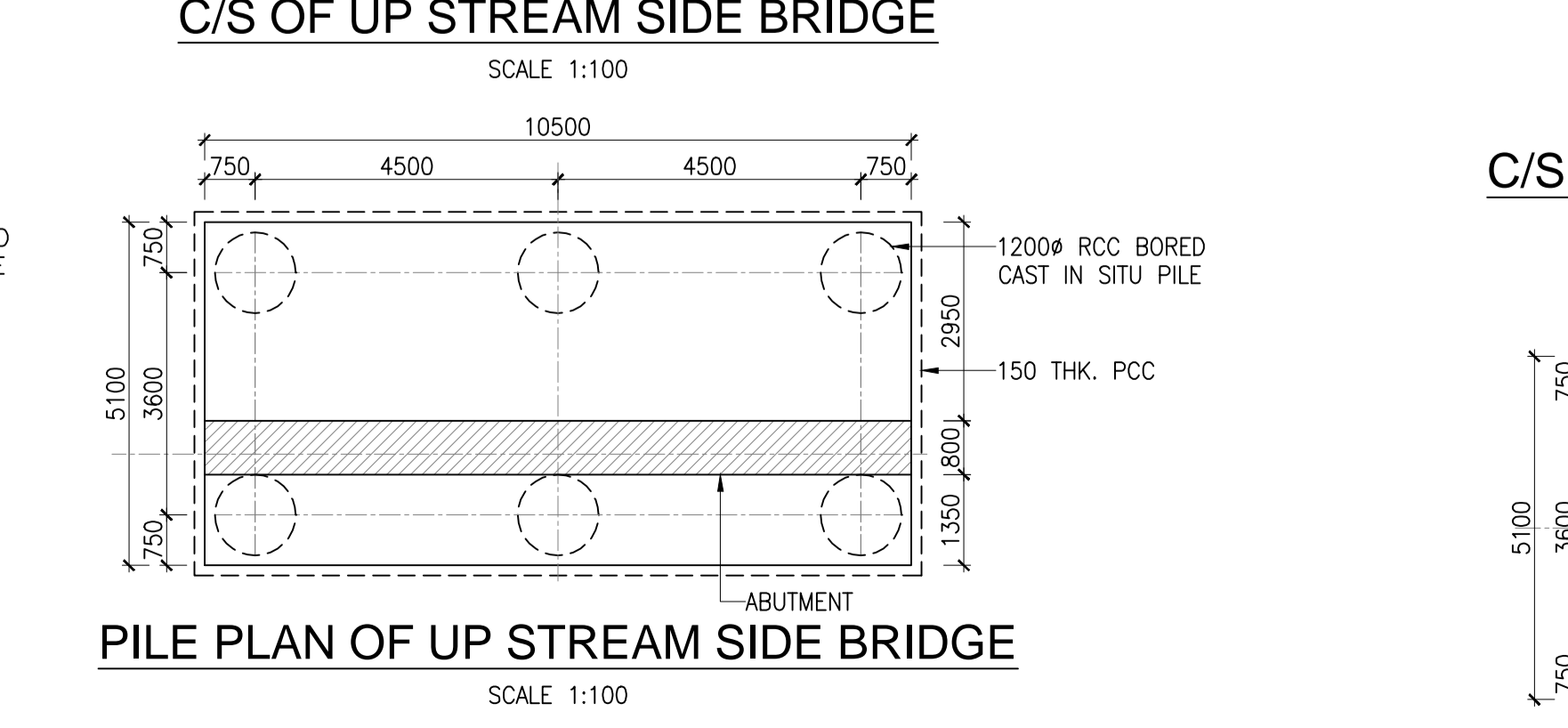
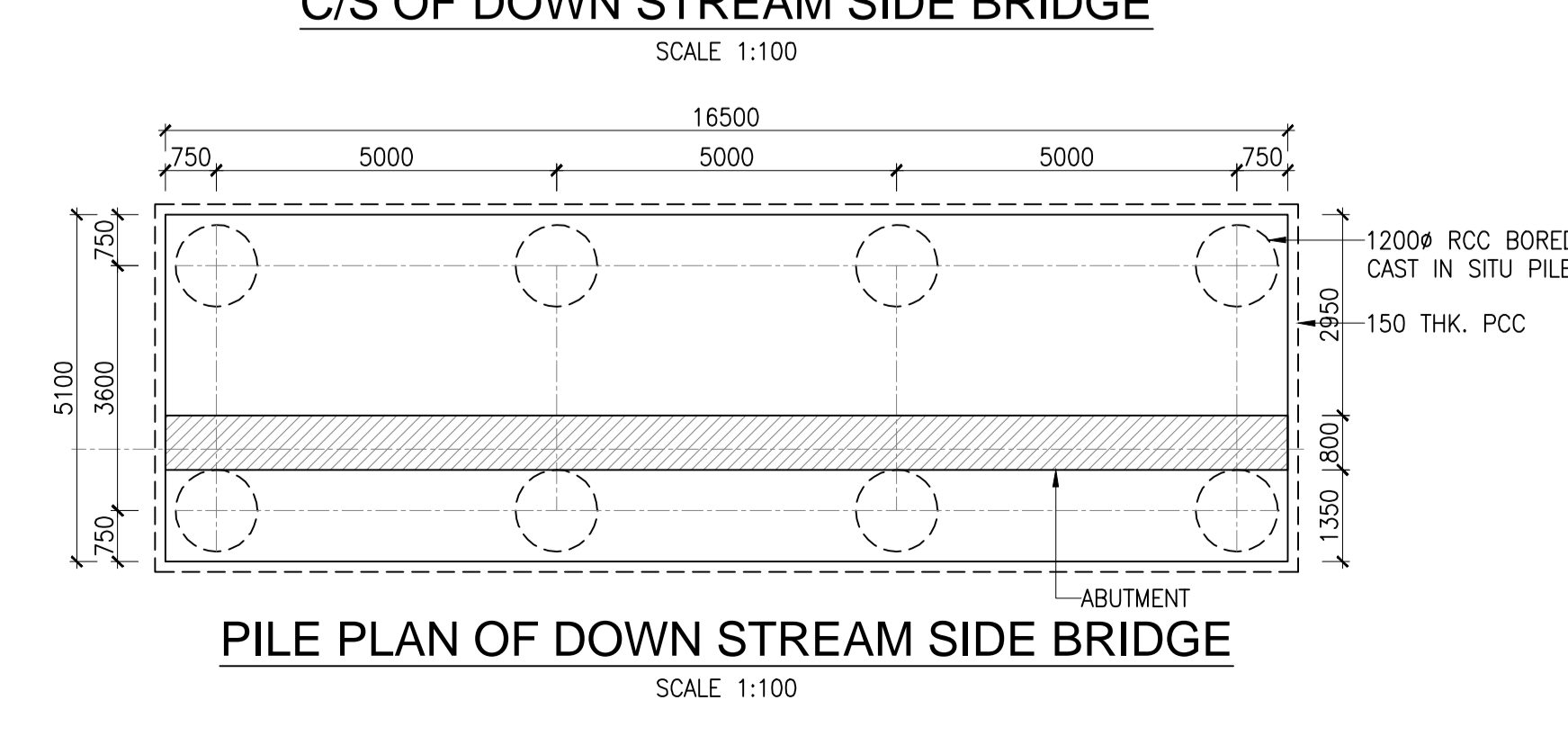
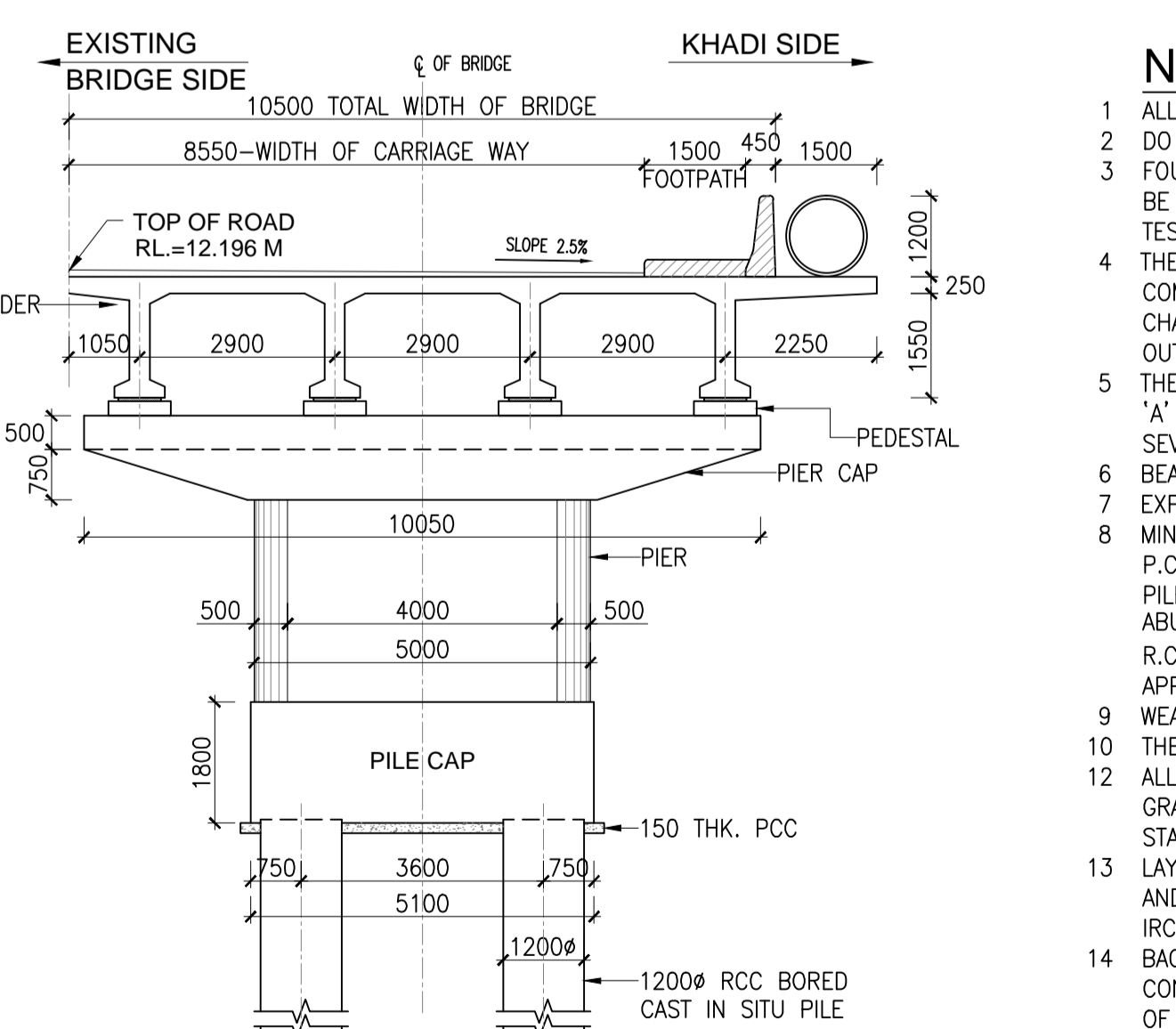
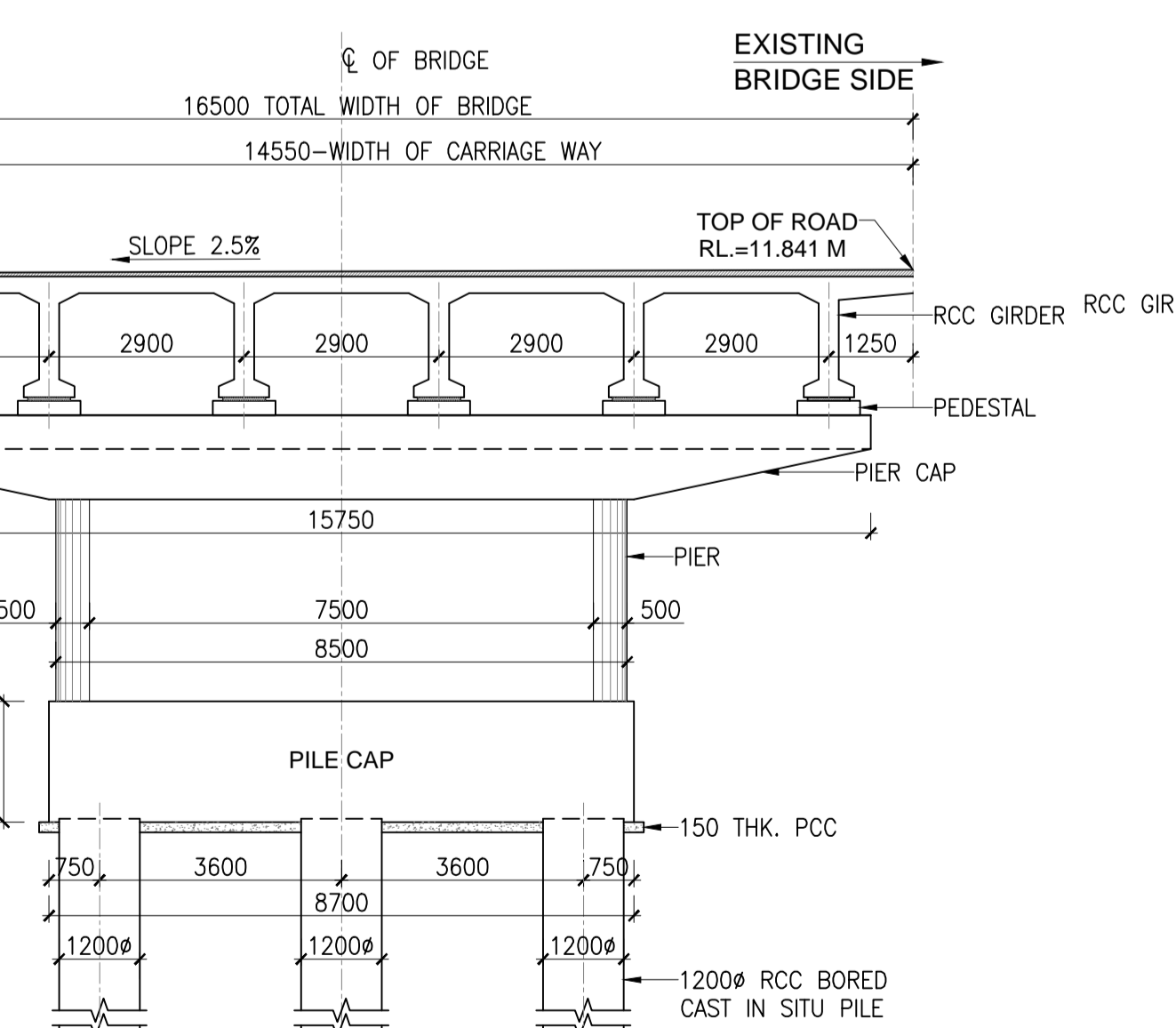
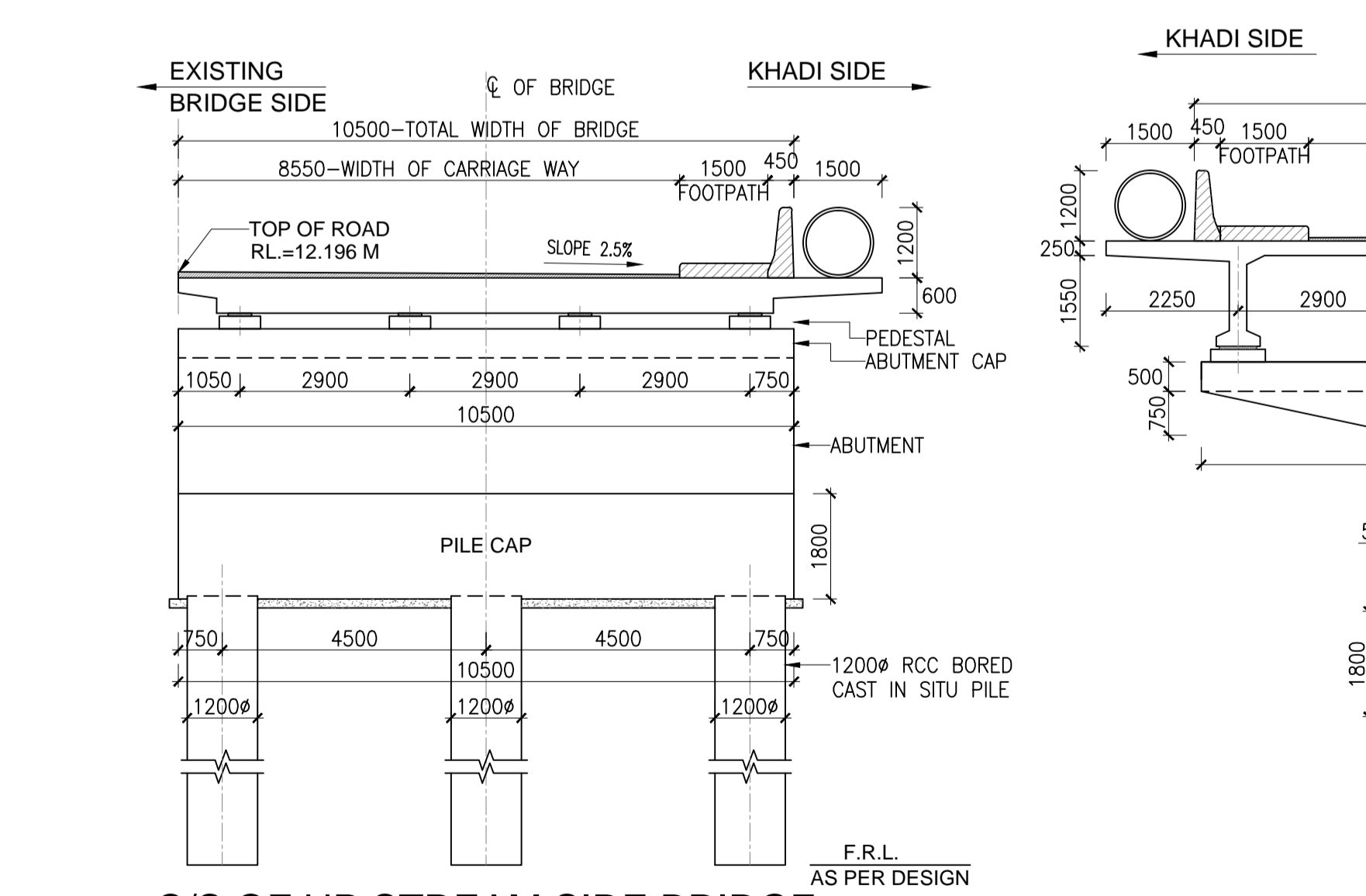
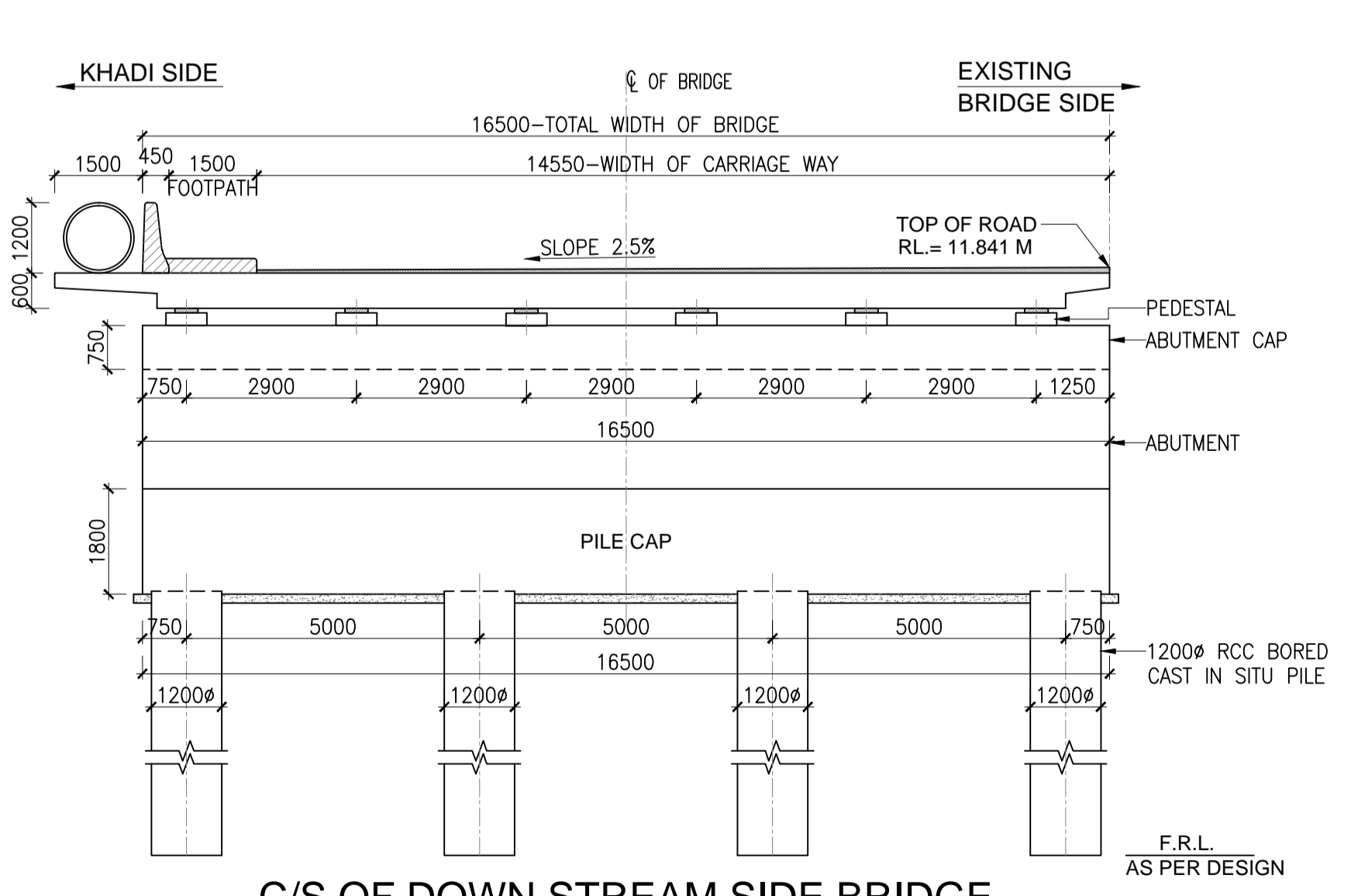
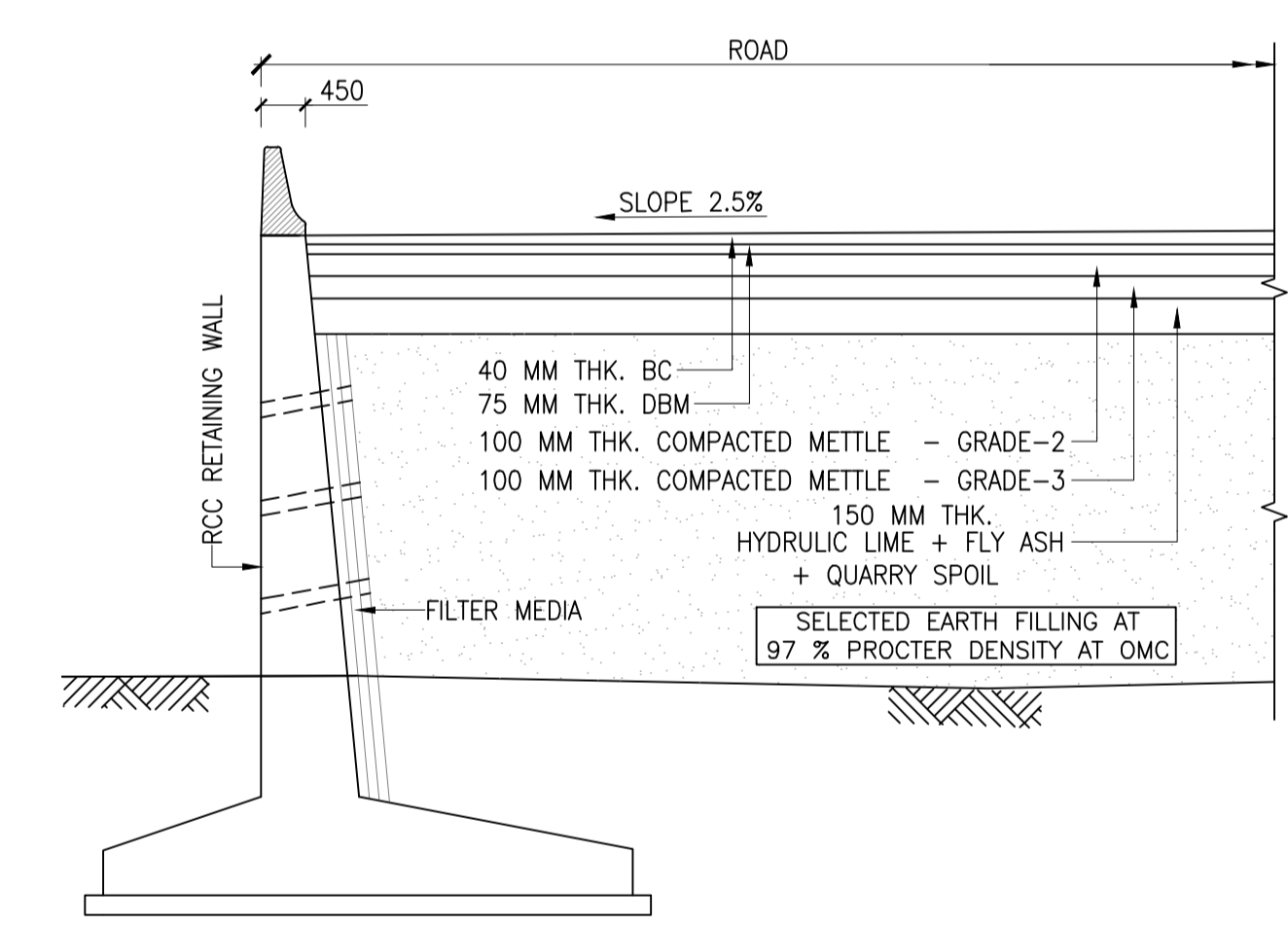
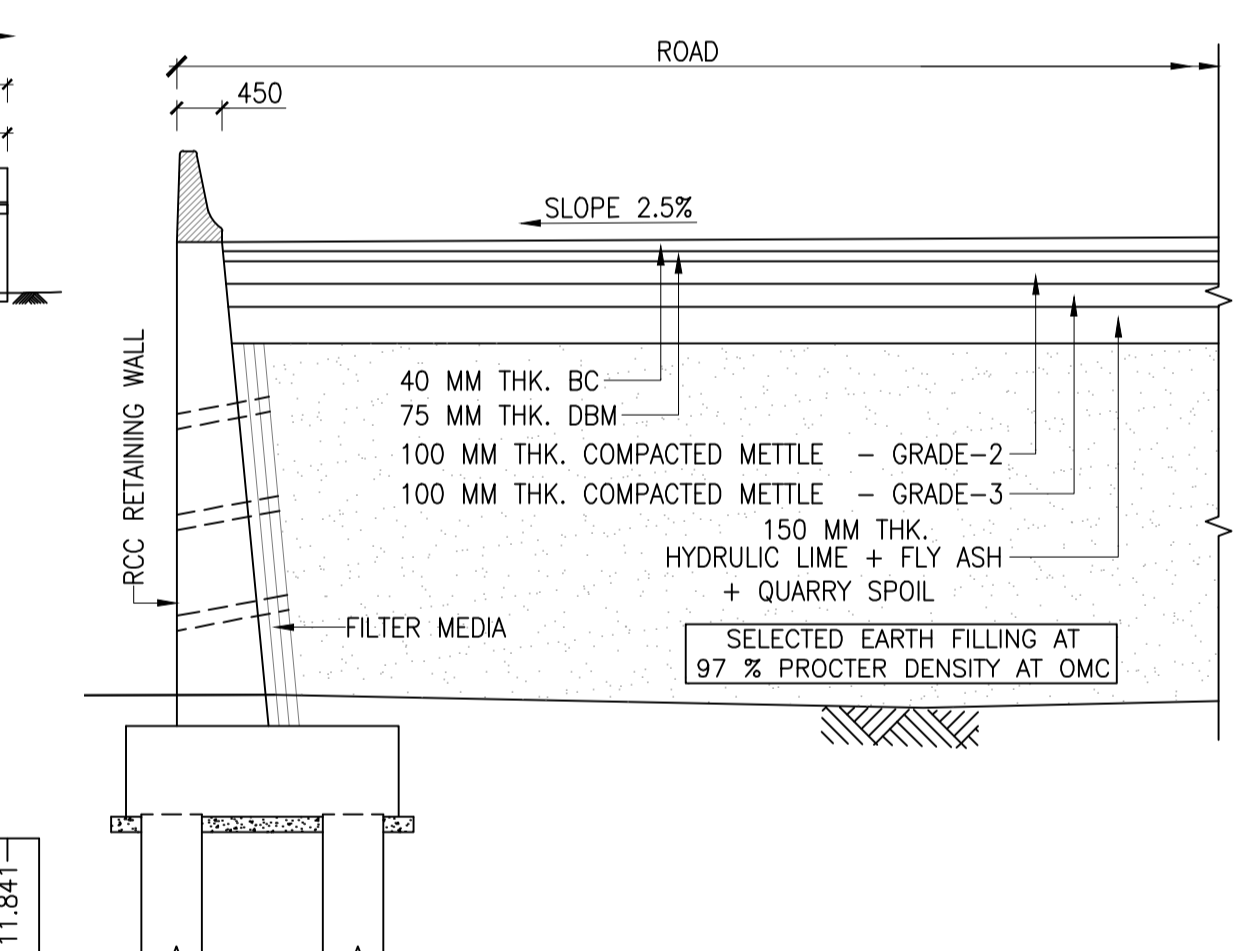
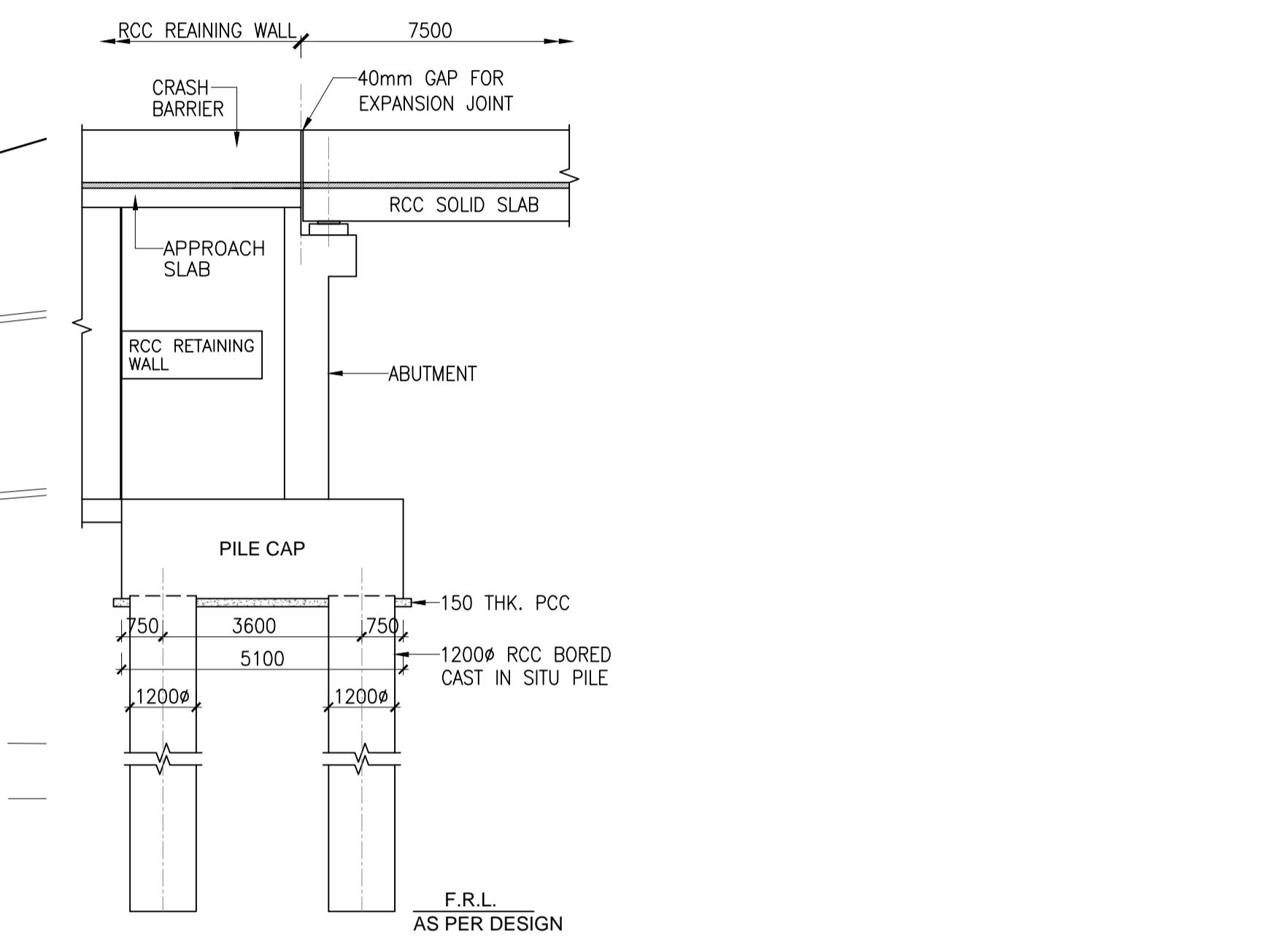
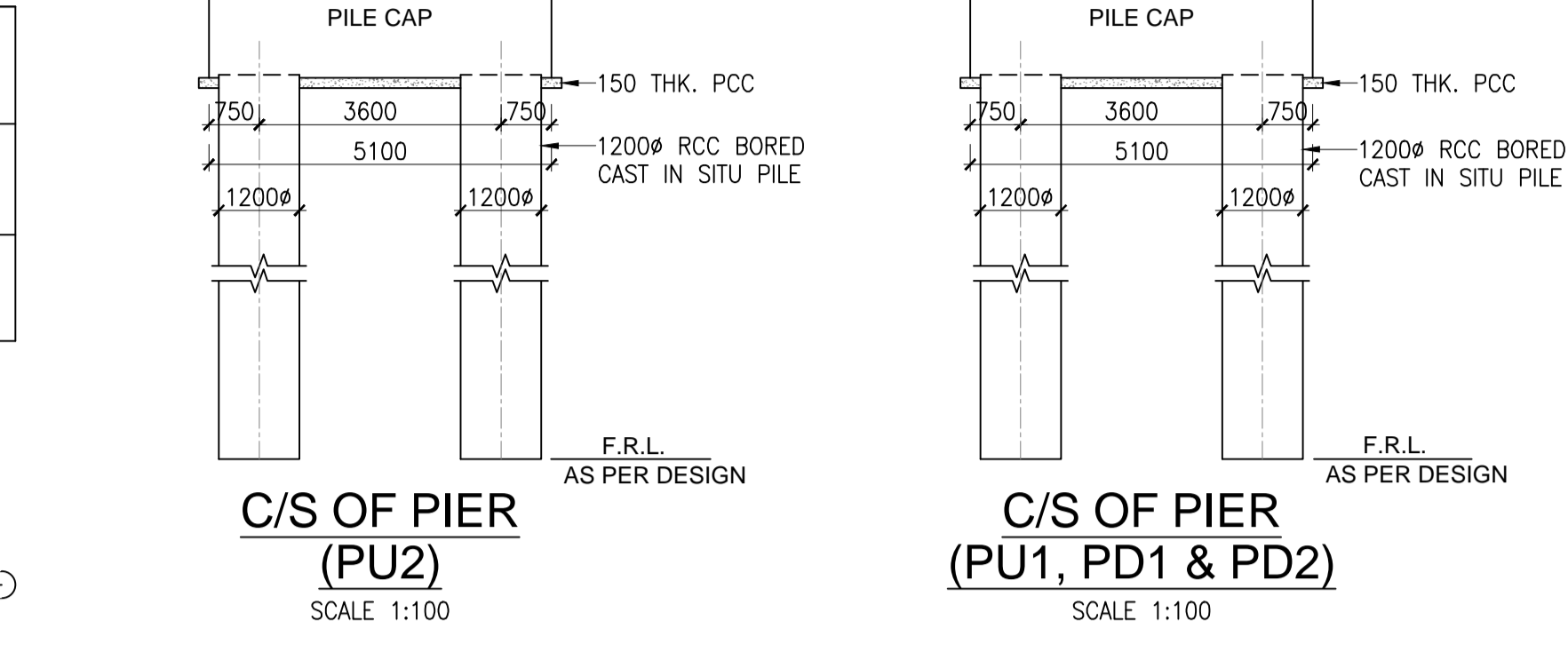
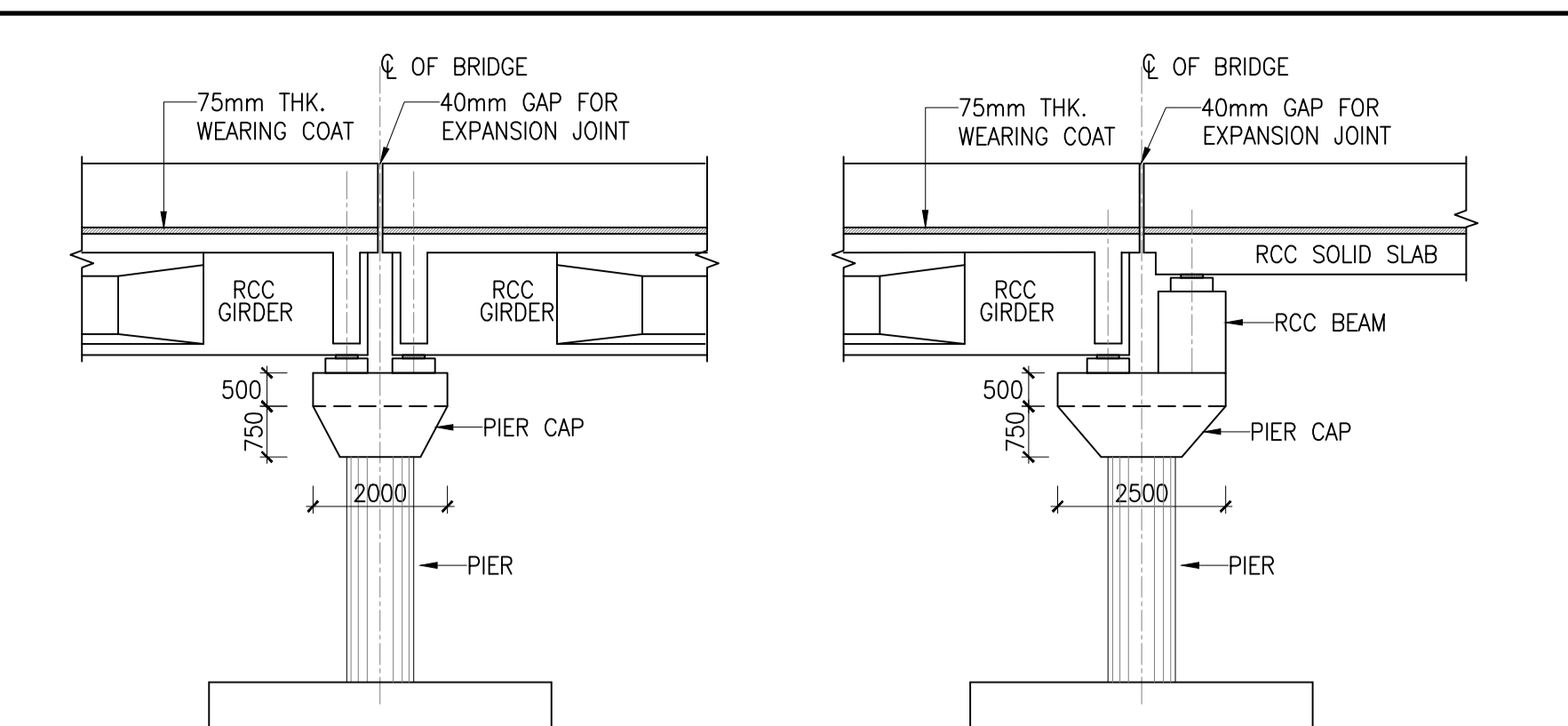


TOP OF ROAD	GROUND LEVEL	CHAINAGE
12.196	10.227	35.000
12.196	8.310	15.000
12.196	8.405	0.000
12.196	8.130	3.800
12.196	5.225	11.300
12.196	3.712	33.800
12.196	5.717	53.800
12.196	5.717	57.600
12.196	6.000	67.600
12.196	6.000	76.600
12.196	6.588	102.600



TOP OF ROAD	GROUND LEVEL	CHAINAGE
10.852	9.346	100.0
10.876	9.346	90.00
10.946	9.120	80.00
11.064	9.120	70.00
11.205	8.890	60.00
11.307	8.686	50.00
11.488	8.686	40.00
11.630	8.571	30.00
11.747	8.571	20.00
11.818	8.571	10.00
11.841	6.103	0.000
11.841	5.962	3.800
11.841	3.751	11.300
11.841	5.866	33.800
11.841	9.095	41.300
11.841	9.095	45.100



- NOTES:-**
- 1 ALL DIMENSIONS ARE IN mm AND LEVELS ARE IN M.
 - 2 DO NOT SCALE THIS DRAWING.
 - 3 FOUNDATION LEVEL, SIZE AND DEPTH ARE TENTATIVE AND WILL BE MODIFIED AS MAY BE REQUIRED BASED ON SOIL EXPLORATION TEST RESULTS AND SITE CONDITION.
 - 4 THE SPAN ARRANGEMENT AND DIMENSIONS OF ALL STRUCTURAL COMPONENTS SHOWN IN THIS DRAWING ARE TENTATIVE AND MAY CHANGE DURING DETAILED DESIGN. THE WORK SHALL BE CARRIED OUT AS PER DESIGN AND DRAWING APPROVED BY DEPARTMENT.
 - 5 THE BRIDGE IS TO BE DESIGNED FOR TWO LANES OF IRC CLASS "A" LOADING OR CLASS 70R LOADING ONE LANE WHICHEVER IS SEVERE FOR EACH TWO LANE CARRIAGEWAY.
 - 6 BEARING: ELASTOMERIC TYPE
 - 7 EXPANSION JOINT: STRIP SEAL TYPE (40mm)
 - 8 MINIMUM CONCRETE GRADE: P.C.C.- M:15
PILE, PILECAP, PIER, PIERCAP, PEDESTAL- M:35
ABUTMENT SUB-STRUCTURE, RETURN- M:30
R.C.C. SUPER-STRUCTURE- M:35
APPROACH SLAB, KERB, PARAPET- M:30
 - 9 WEARING COAT-75mm THK. RCC IN M:30
 - 10 THE BRIDGE IS DESIGNED FOR SEISMIC FORCES APPLICABLE TO ZONE-III.
 - 11 ALL UNDESIGNED REINFORCEMENT SHALL BE TMT BARS WITH GRADE DESIGNATION Fe-500 CONFORMING TO IS:1786 STANDARD.
 - 12 LAYING, COMPACTION AND EXTENT OF BACKFILL BEHIND ABUTMENTS AND RETAINING WALLS SHALL CONFORM TO APPENDIX-6 OF IRC:78-2000.
 - 13 BACK FILLING BEHIND ABUTMENTS AND RETAINING WALLS SHALL CONSIST OF SELECTED EARTH CONFORMING TO APPENDIX-6 OF IRC:78-2000 HAVING PROPERTIES C=0, #=30 AND d=1800/m² VERTICALLY SHALL BE PROVIDED IN A STAGGERED MANNER IN ABUTMENTS AND RETAINING WALLS FROM 300mm ABOVE GROUND LEVEL TO HFL.

NO.	DATE	REVISION
PROJECT:	WIDENING OF EXISTING BRIDGE ACROSS CREEK AT UNN ON SURAT-NAVARI BRT CORRIDOR IN SURAT CITY ON EPC BASIS (DESIGN, ENGINEERING, PROCUREMENT AND CONSTRUCTION).	
CLIENT:	SURAT MUNICIPAL CORPORATION, SURAT.	
CONTRACTOR:	ROYAL INFRA ENGG. PVT. LTD., SURAT.	
CONSULTANT:	SHAH ASSOCIATES 1005, 10TH FLOOR, SAKAR-V, B/H. NATRAJ CINEMA, OFF. ASHRAH ROAD, AHMEDABAD-380009. PHONE NO. (079) 26585785, 098250 11314	
TITLE:	GENERAL ARRANGEMENT DRAWING	
DRAWN BY:	K. C. KOSHTI	DESIGN BY: D. H. SHAH
CHECKED BY:	D. H. SHAH	PROJ. NO. DRG. NO. REVISION
SCALE:	AS SHOWN	
DATE:	OCT.-2016	01 RO