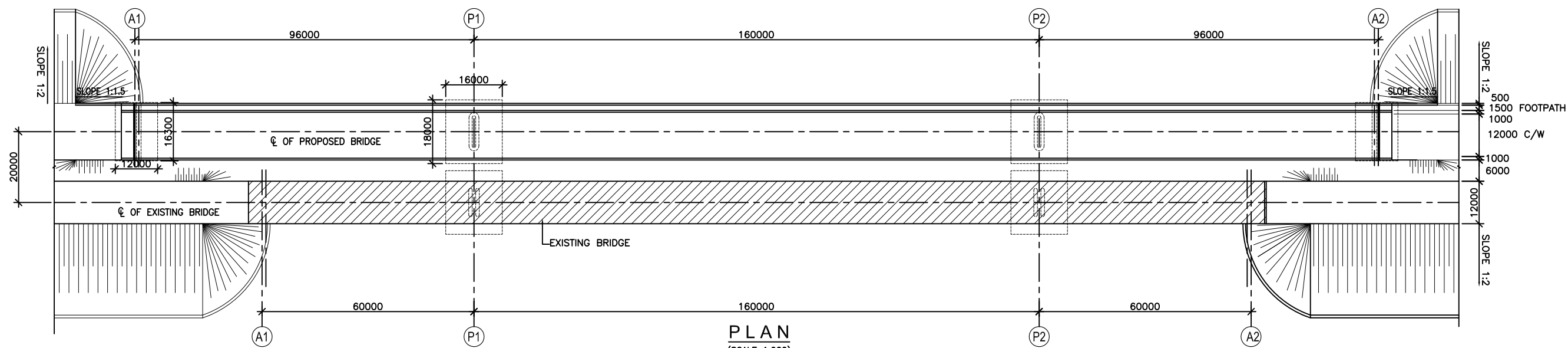


PROPOSED ROAD LEVEL (M)	343.925				
GROUND LEVEL (M)	331.200	313.925	310.540	311.500	330.800
CHAINAGE (KM)	-176.000	-80.000	0.000	80.000	176.000

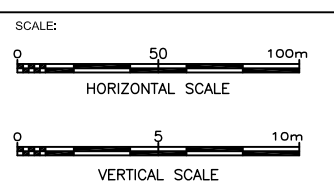
LONGITUDINAL ELEVATION
(SCALE 1:900)



PLAN
(SCALE 1:900)

REV. NO.	DATE	DESCRIPTION	BY
REVISIONS			

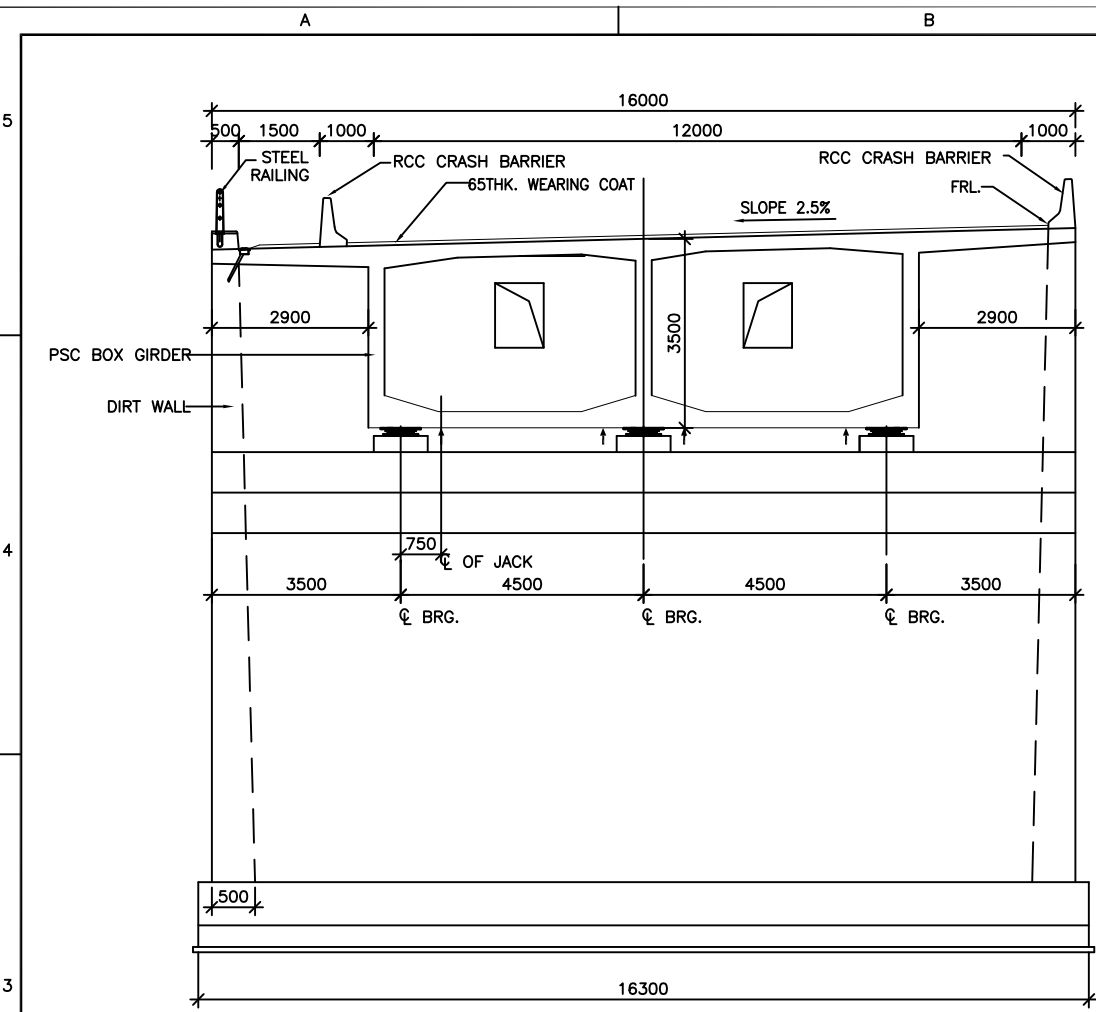
DESIGN CONSULTANT:
WADIA TECHNO ENGG. SERVICES LTD.
B-253, 11th FLOOR, NARAINA
INDUSTRIAL AREA, PHASE-1,
NEW DELHI
IN ASSOCIATION WITH
ZOMA ENGINEERS
73-C, 4th FLOOR, PREM COMPLEX,
TAIMOOR NAGAR NEW FRIENDS COLONY,
NEW DELHI



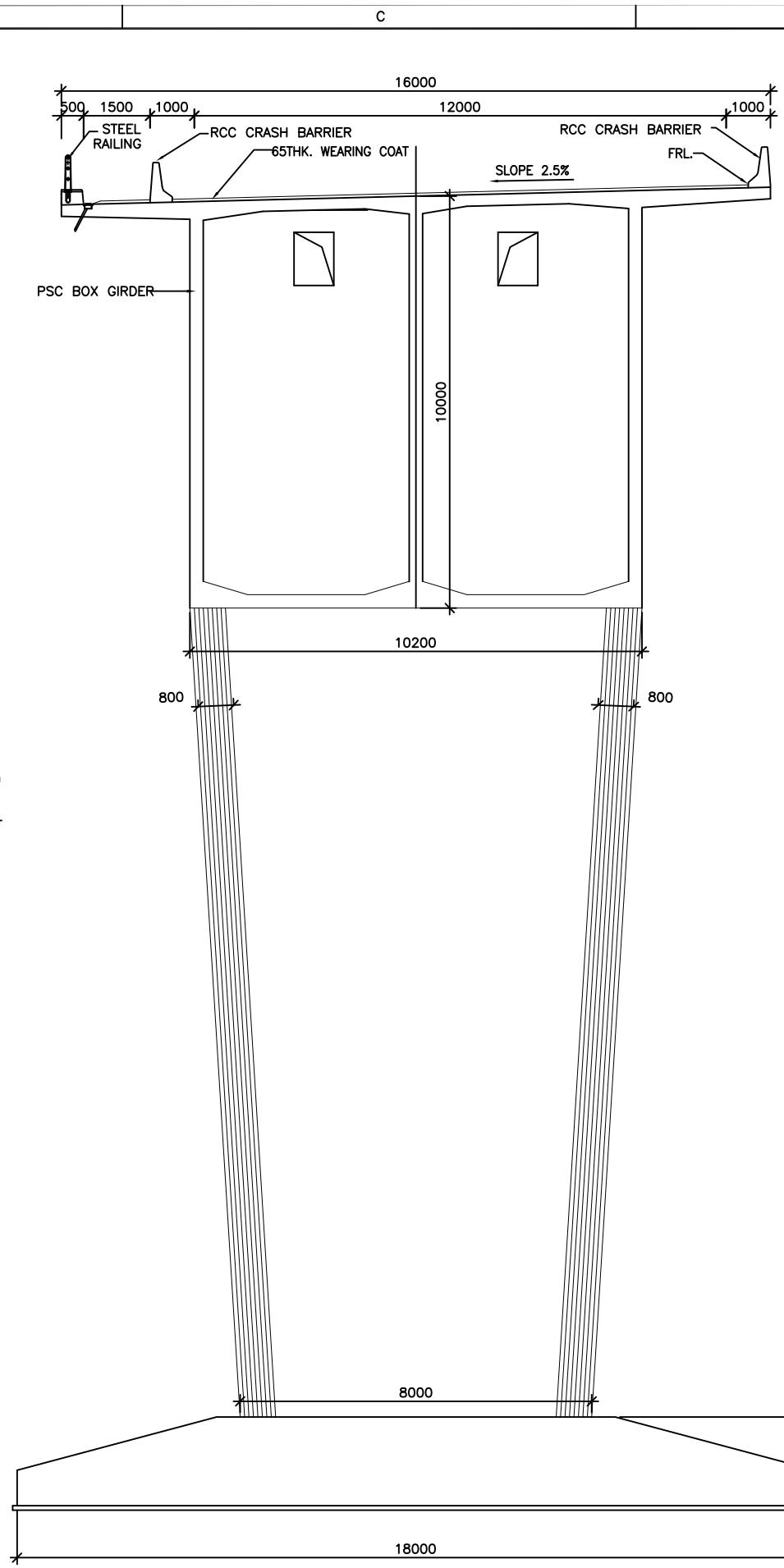
CLIENT:
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
(MINISTRY OF ROAD TRANSPORT & HIGHWAY)
GOVERNMENT OF INDIA
PROJECT:
CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY STUDY AND DETAILED
PROJECT REPORT FOR UPGRADATION TO 4 LANE WITH PAVED SHOULDER OF
JAMMU-AKHNOR SECTION OF NH- 144A

DRAWING TITLE:
**GENERAL ARRANGEMENT DRAWING
BRIDGE AT CH:-27+115
SPAN 1x96.0m+1X160.0M+1X96.0M**

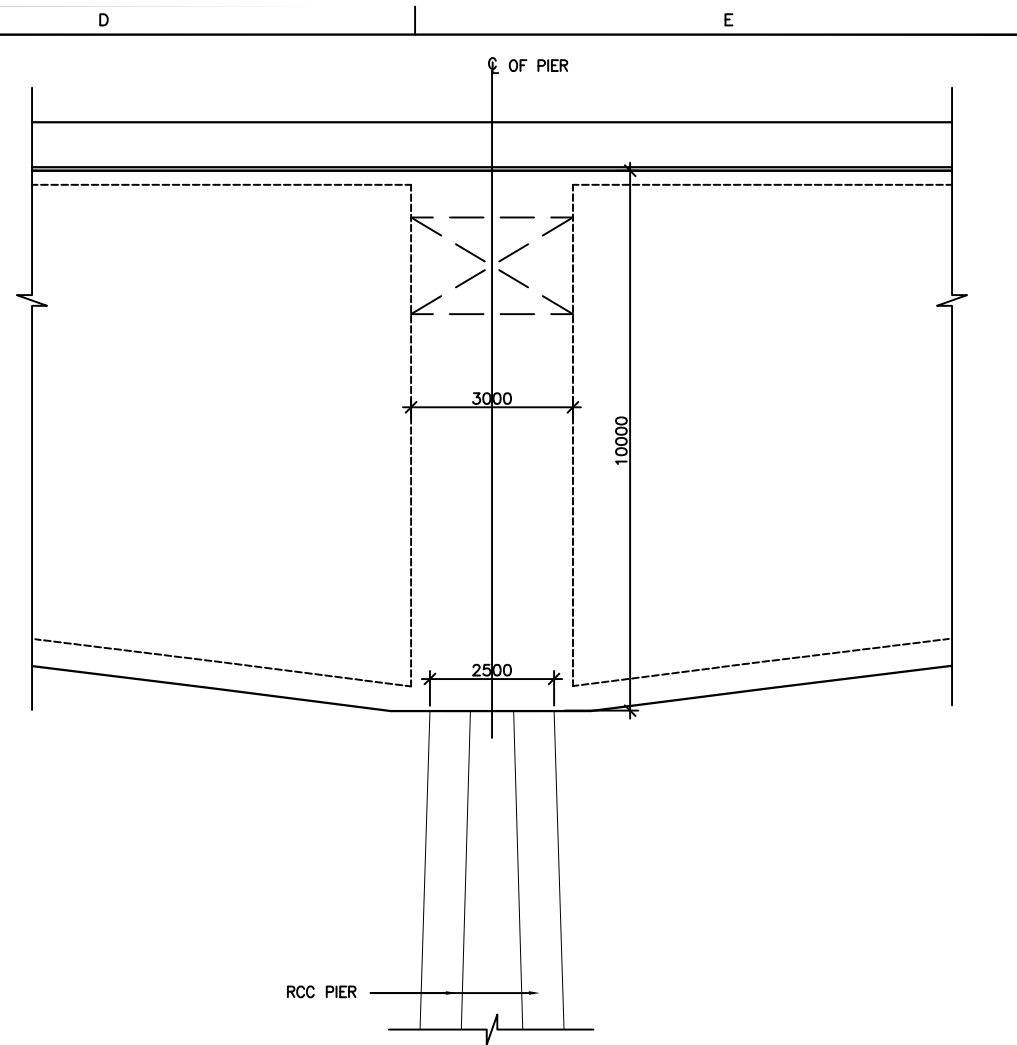
DRG. NO. DPR/NH-144A/BR-CH:- 27+115/101(1 of 2)	REV. R0
DATE JAN/2018	DRAWN RUMMAN KHAN
DESIGNED M.ALAM	CHECKED MAHADEV SASTRI
APPROVED R.N. KAPOOR	



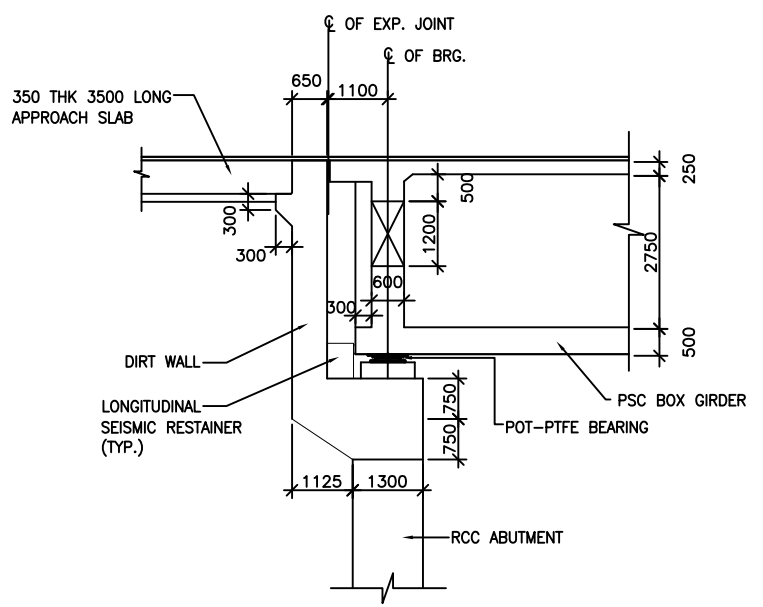
SECTION AT ABUTMENT LOACTION
(SCALE 1:100)



SECTION AT PIER LOACTION
(SCALE 1:100)



DETAIL 'B'
(SCALE 1:100)



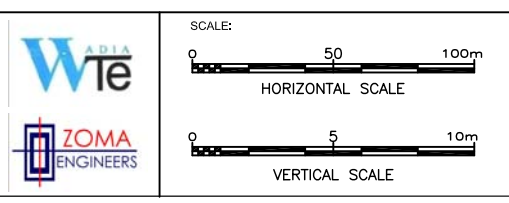
DETAIL 'A'
(SCALE 1:100)

- NOTES:-**
- ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS ARE IN METERS UNLESS OTHERWISE UNLESS OTHERWISE MENTIONED.
 - NO DIMENSION SHALL BE MEASURED FROM THE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 - LOCATION OF THE STRUCTURE IS THE CHAINAGE AT THE CENTER LINE OF THE PROPOSED STRUCTURE.
 - THE REINFORCEMENT SHALL BE HYSD. BARS OF (GRADE DESIGNATION Fe 500D) CONFORMING TO IS 1786-2008.
 - CONCRETE SHALL BE DESIGN MIX WITH WITH A MINIMUM 28 DAYS CHARACTERISTIC CUBE STRENGTH FOR DIFFERENT ELEMENTS AS FOLLOWS:

a. PSC BOX STRUCTURE	M50
b. ABUT. & ABUTCAP	M35
c. PILE & OPEN FOUNDATION	M35
d. PIER & PIER CAP	M50
e. RETAINING WALL	M35
f. CRASH BARRIER	M40
g. APPROACH SLAB	M30
h. LEVELING COURSE	M15
i. PEDESTALS	M40
 - BACK FILLING BEHIND WALLS/ABUTMENT SHALL CONSISTS OF SELECTED EARTH CONFORMING TO APPENDIX 6 OF IRC:78-2014 HAVING PROPERTIES $C=0$, $\phi >= 34^\circ$, $g = 2.0t/m^2$
 - 65MM THICK WEARING COURSE COMPRISING OF BITUMINOUS CONCRETE 40MM THICK OVERLAID WITH 25MM THICK BITUMEN MASTIC ASPHALTIC SHALL BE PROVIDED AS PER SECTION 500 OF MORTH SPECIFICATION.
 - ALL SOLID WALLS RETAINING THE EARTH SHALL HAVE WEEP HOLES STARTING 150MM ABOVE THE GROUND LEVEL AND SPACED 1000MM HORIZONTALLY AND VERTICALLY IN STAGGERED MANNER.
 - 600MM THICK FILTER MEDIA SHALL BE PROVIDED BEHIND SOLID ABUTMENT WALLS AND RETURN/RETAINING WALL.
 - DIMENSION SHOWN IN THIS DRAWING ARE TENTATIVE AND ARE SUBJECT TO FINALISATION DURING DETAIL DESIGN.

REV. NO.	DATE	DESCRIPTION	BY

DESIGN CONSULTANT:
WADIA TECHNO ENGG. SERVICES LTD.
B-253, 11nd FLOOR, NARAINA
INDUSTRIAL AREA, PHASE-1,
NEW DELHI
IN ASSOCIATION WITH
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73-C, 4th FLOOR, PREM COMPLEX,
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DRAWING TITLE: **GENERAL ARRANGEMENT DRAWING**
BRIDGE AT CH:-27+115
SPAN 1x96.0m+1X160.0M+1X96.0M

DRG. NO. DPR/NH-144A/BR-CH- 27+115/101(2 of 2)	REV. R0
DATE JAN/2018	DRAWN RUMMAN KHAN
DESIGNED M.ALAM	CHECKED MAHADEV SASTRI
APPROVED R.N. KAPOOR	