

FOR TENDER PURPOSE ONLY

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- RD-41 TO 48: CONSTRUCTION OF ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL JUNCTION.
- RD-51: TYPICAL ROAD MARKING.
- RD-52: CAUTIONARY SIGNS.
- RD-53: MANDATORY SIGNS.
- RD-54: INFORMATIONAL SIGNS.
- RD-55: PLACEMENT OF ROAD SIGNS.

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LEGEND :

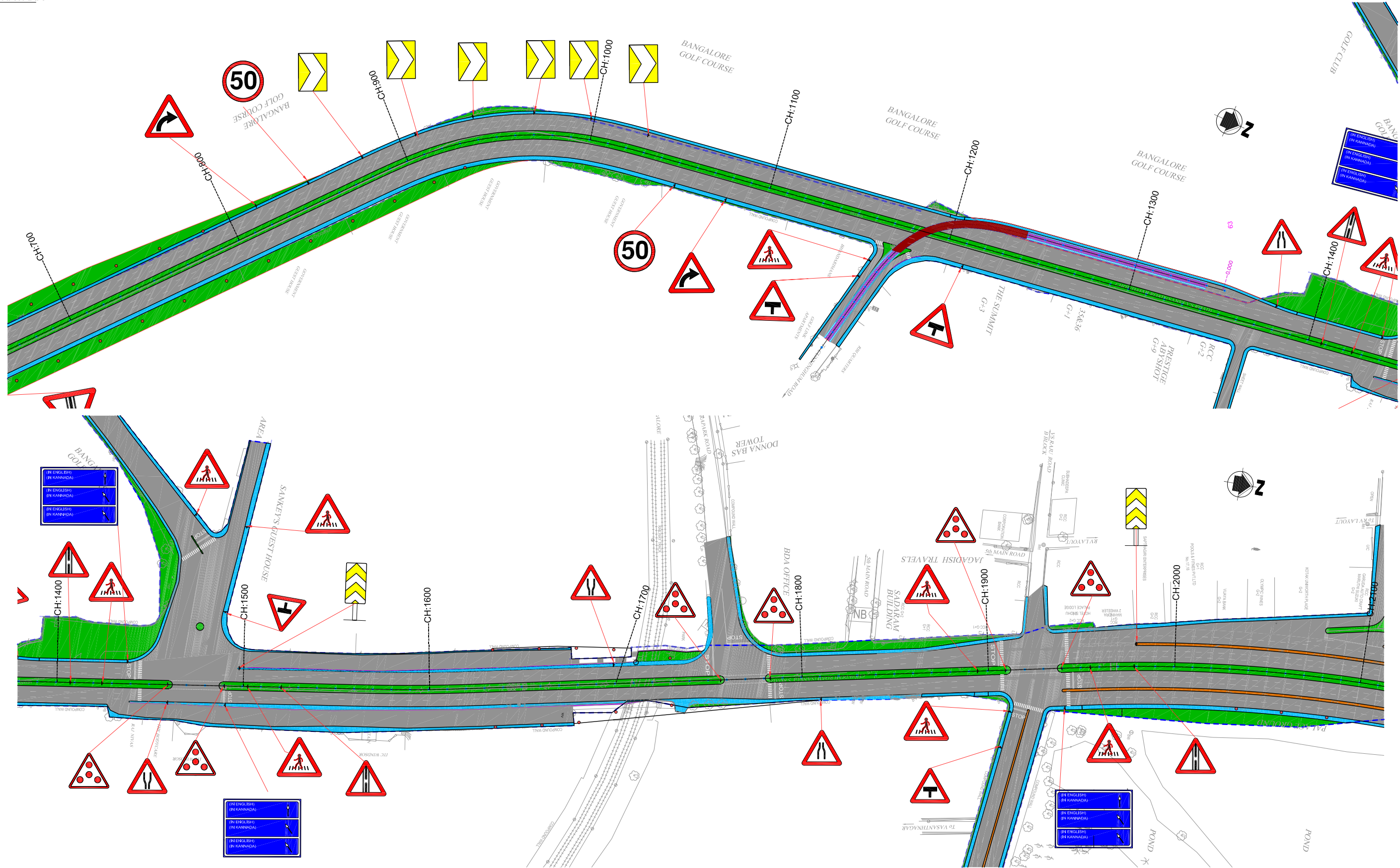
- PROPOSED FLYOVER
- PROPOSED FLYOVER APPROACH
- COVERED BOX-PORTION
- UNDERPASS APPROACH
- LANDSCAPING / MEDIAN
- FOOTPATH/DRAIN
- PROPOSED AT GRADE ROAD

ASST. EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE		EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE		OWNER BANGALORE DEVELOPMENT AUTHORITY	
ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		CONTRACTOR	
				PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE MERIDIAN HOTEL AND MEKHEJI CIRCLE IN BANGALORE	
				TITLE ROAD MARKING AND SIGNAGE DETAILS PROPOSED GRADE LEVEL ROAD FROM CH: 0.000 TO 700.000	
RD-81		REV. R0		JOB NO.: 11480/E	
25-02-2015		FIRST SUBMISSION		DATE	
		REVISION		DRAWN	
				SSKR	
				TRJ	
				TRJ	
				APPROVED	
				SCALE: 1:1000	
				REGISTERED OFFICE : 1004-5 RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021.	
				OFFICE OF ORIGIN : 2A-1 TOWER, 5th & 6th FLOOR, GOLDEN ENCLAVE, HALI AIRPORT ROAD, BANGALURU-560 017.	
				DATE	
				25-02-2015	
				DRAWN	
				SN	
				PREPARED	
				SSKR	
				CHECKED	
				TRJ	
				APPROVED	
				TRJ	

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TO RAJBHAVANA

TO HEBBAL



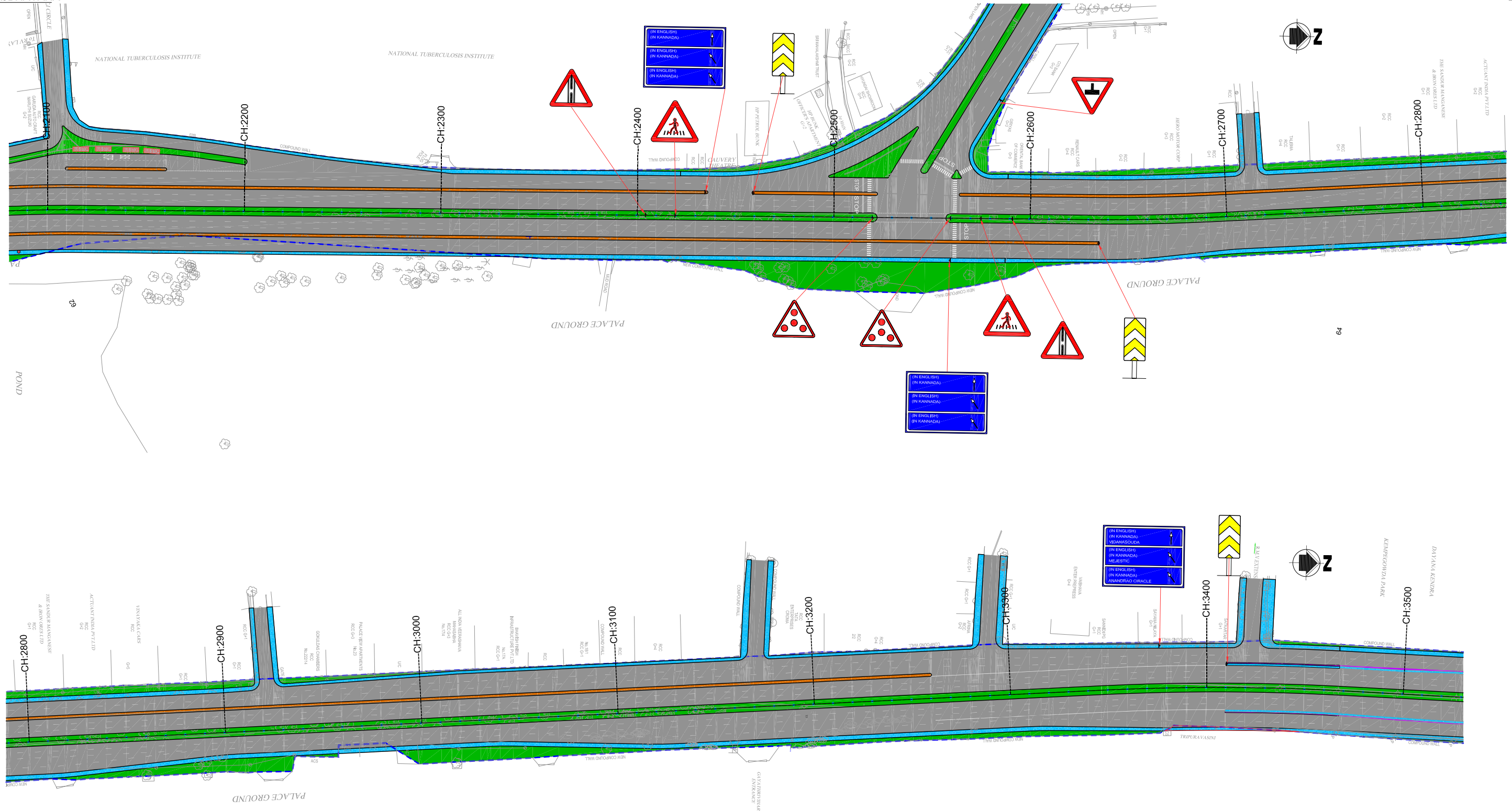
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ASST. EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE		EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE		OWNER BANGALORE DEVELOPMENT AUTHORITY	
ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		CONTRACTOR	
R0		SN		PROJECT	
25-02-2015		SSKR		CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE MERIDIAN HOTEL AND MEKHRI CIRCLE IN BANGALORE	
FIRST SUBMISSION		TRJ		TITLE	
REVISION		TRJ		ROAD MARKING AND SIGNAGE DETAILS PROPOSED GRADE LEVEL ROAD FROM CH: 700.000 TO 2100.000	
No.		DRAWN		DRG.NO.: RD-82	
DATE		PREPARED		REV. R0	
REVISION		CHECKED		JOB.NO.: 11480/E	
REVISION		APPROVED		SCALE: PLAN 1:100	
REVISION		APPROVED		DATE	
REVISION		APPROVED		25-02-2015	
REVISION		APPROVED		DRAWN	
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REVISION		APPROVED		PREPARED	
REVISION		APPROVED		SSKR	
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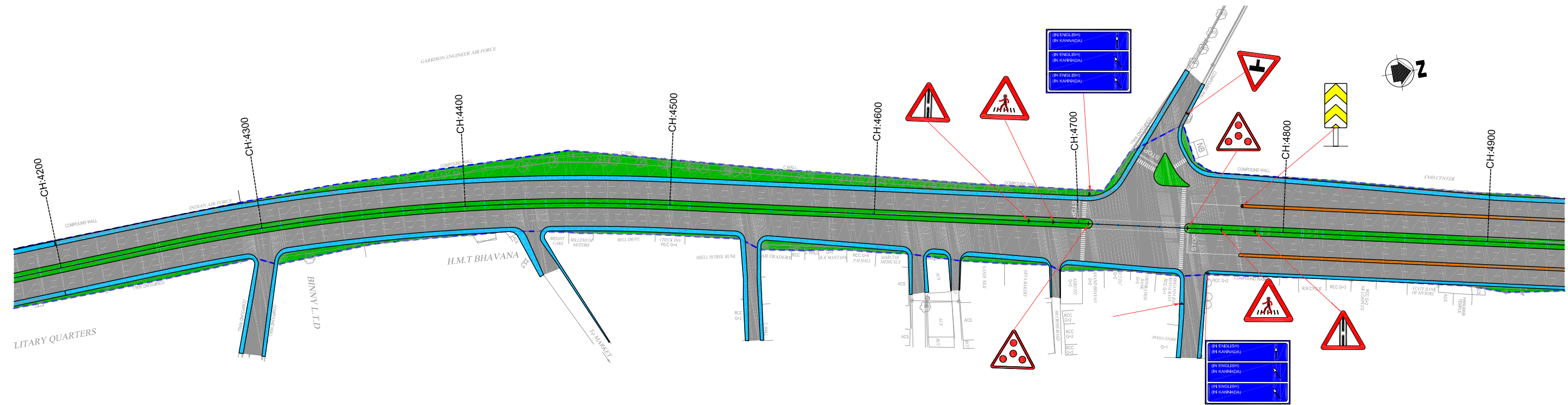
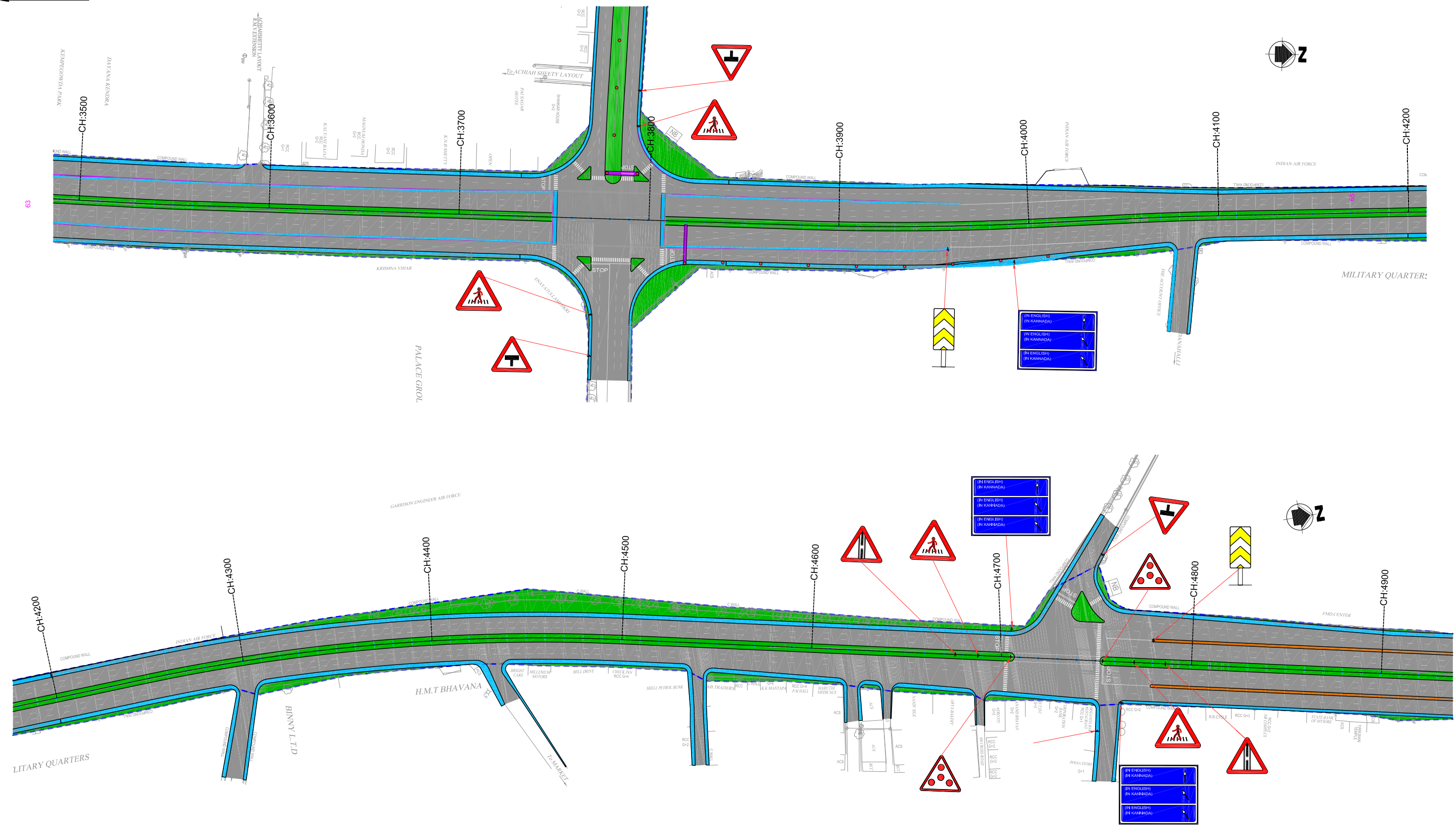
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								OWNER <div></div> BANGALORE DEVELOPMENT AUTHORITY				DATE 25-02-2015							
ENGINEER OFFICER-1 BDA, BANGALORE				ENGINEER MEMBER BDA, BANGALORE				CONTRACTOR				DRAWN SN							
								PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE MERIDIAN HOTEL AND MEKHRI CIRCLE IN BANGALORE				PREPARED SSKR CHECKED TRJ							
								TITLE ROAD MARKING AND SIGNAGE DETAILS PROPOSED GRADE LEVEL ROAD FROM CH: 2100.000 TO 3500.000				APPROVED TRJ							
R0	25-02-2015	FIRST SUBMISSION				SN	SSKR	TRJ	TRJ	DRG.NO.:		RD-83	REV. R0	JOB.NO.:		11480/E			
No.	DATE	REVISION				DRAWN	PREPARED	CHECKED	APPROVED					SCALE: PLAN=1:1000					

TO RAJBHAVANA

TO HEBBAL



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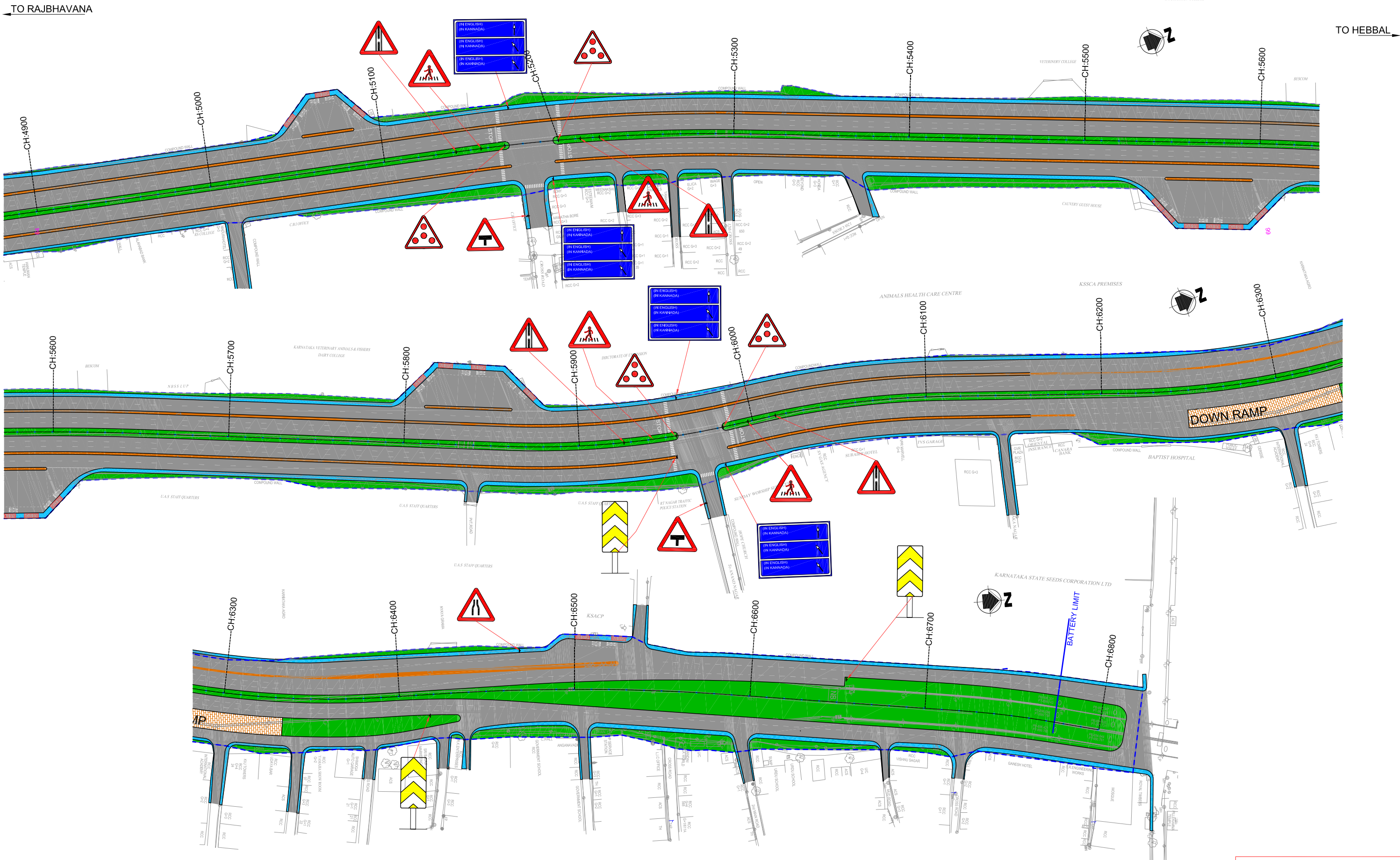
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25-02-2015		FIRST SUBMISSION		TITLE ROAD MARKING AND SIGNAGE DETAILS PROPOSED GRADE LEVEL ROAD FROM CH: 3500.000 TO 4900.000	
No.		REVISION		DRG.NO.: RD-84	
				REV. R0	
				JOB.NO.: 11480/E	
				SCALE: PLAN 1:1000	
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				OFFICE OF ORIGIN : 4-1 TOWER, 5th & 6th FLOOR, GOLDEN ENGLAND TAIL, AIRPORT ROAD, BENGALURU-560 017.	
				DATE 25-02-2015	
				DRAWN SN	
				PREPARED SSKR	
				CHECKED TRJ	
				APPROVED TRJ	

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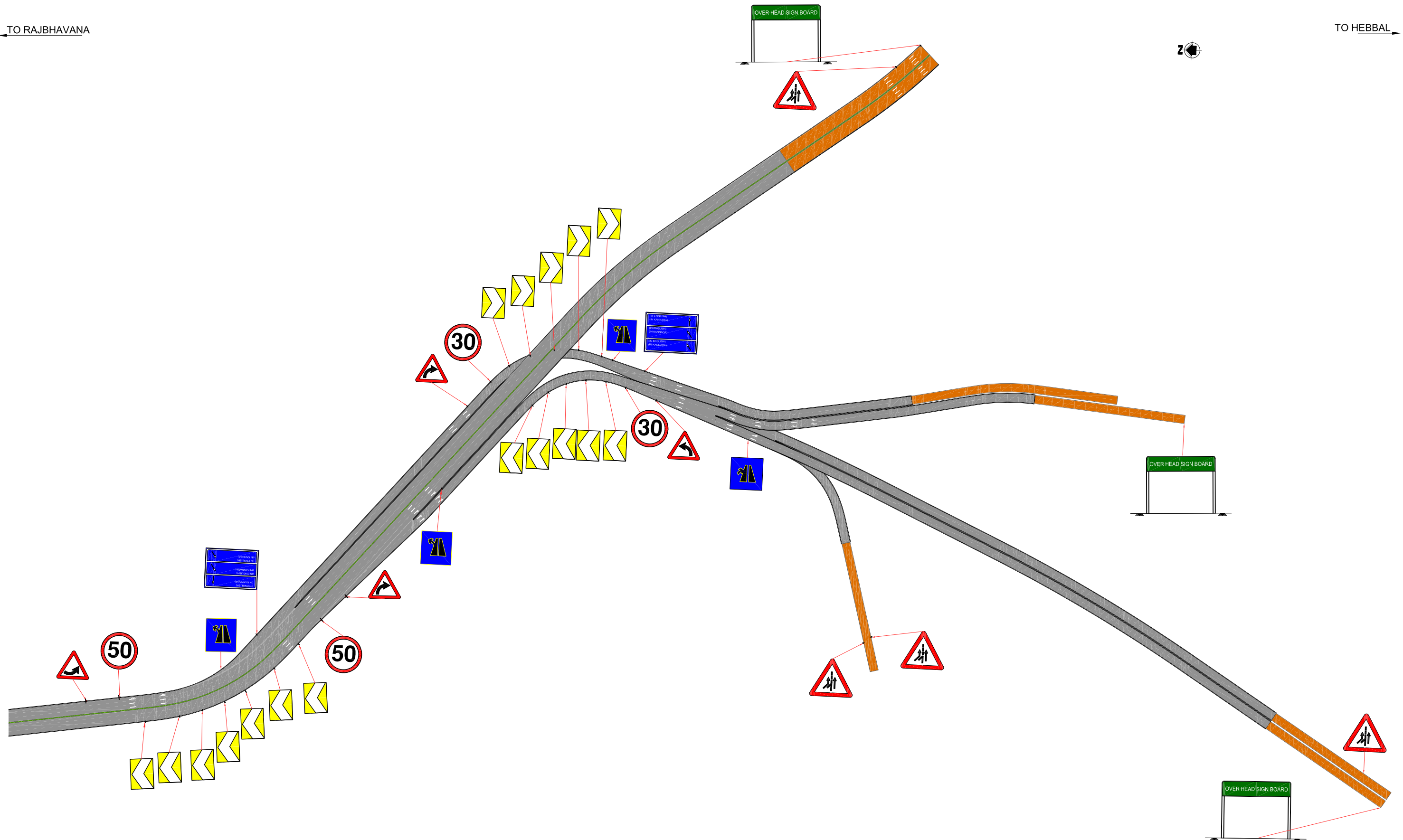
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ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		CONTRACTOR		DATE		DRAWN	
				PROJECT		CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE MERIDIAN HOTEL AND MEKHEJI CIRCLE IN BANGALORE		PREPARED SSKR	
				TITLE		ROAD MARKING AND SIGNAGE DETAILS PROPOSED GRADE LEVEL ROAD FROM CH: 4900.000 TO 6800.000		CHECKED TRJ	
				DRG.NO.:		RD-85		APPROVED	
				REV.		R0		TRJ	
				JOB.NO.:		11480/E		SCALE: PLAN 1:100	
R0		25-02-2015		FIRST SUBMISSION		SN		SSKR	
No.		DATE		REVISION		DRAWN		PREPARED	
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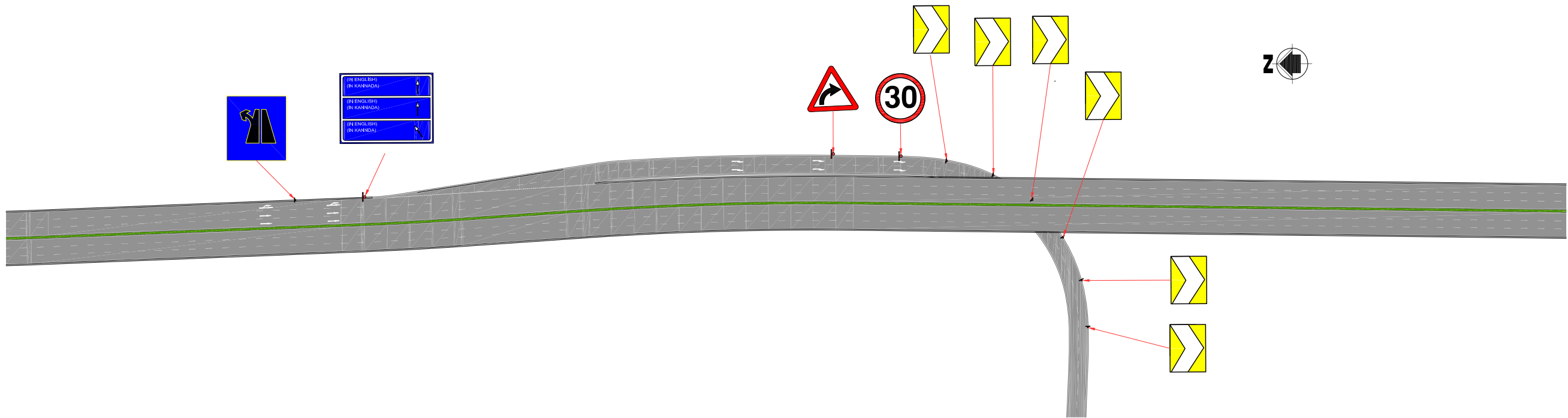
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				OWNER	 BANGALORE DEVELOPMENT AUTHORITY		DATE		25-02-2015
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				PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE MERIDIAN HOTEL AND MEKHRI CIRCLE IN BANGALORE		PREPARED SSKR		CHECKED TRJ	
								TITLE ROAD MARKING AND SIGNAGE DETAILS - PROPOSED FLYOVER	
								APPROVED TRJ	
R0	25-02-2015	FIRST SUBMISSION		SN	SSKR	TRJ	TRJ	ORG.NO.: RD-86	
No.	DATE	REVISION		DRAWN	PREPARED	CHECKED	APPROVED	REV.	R0
								JOB.NO.:	11480/E
								SCALE: PLAN=1:1000	

DATE	REVISION	DRAWN	CHECKED	APPROVED
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TO RAJBHAVANA

TO HEBBAL



NOTES :

- 1) DIMENSIONS, ARE NOT TO BE SCALED AND ONLY WRITTEN DIMENSION TO BE FOLLOWED,
- 2) THIS DRAWINGS HAS TO BE READ IN CONJUNCTION WITH FOLLOWING DRAWINGS.
 - RD-20: BASAVESHWARA CIRCLE TO HEBBAL JUNCTION MAIN FLYOVER PLAN AND PROFILE & GRADE LEVEL PLAN.
 - RD-41 TO 48: CONSTRUCTION OF ELEVATED ROAD FROM BASAVESWARA CIRCLE TO HEBBAL JUNCTION .
 - RD-51: TYPICAL ROAD MARKING.
 - RD-52: CAUTIONARY SIGNS.
 - RD-53: MANDATORY SIGNS.
 - RD-54: INFORMATORY SIGNS.
 - RD-55: PLACEMENT OF ROAD SIGNS.
- 3) ALL ROAD SIGNS ARE IN ACCORDING WITH IRC:67-2012.
- 4) ALL SIGNS SHALL BE WITH RETRO REFLECTIVE SHEET OF HIGH INTENSITY GRADE CONFORMING AT ASTM- D-4957-01 (TYPE VIII & TYPE IX) AS PER CLAUSES 801 OF MORT&H SPECIFICATION.
- 5) FOR FURTHER DETAILS ABOUT ROAD MARKING REFER IRC: 35-1977
- 6) ROAD MARKING SHALL BE HOT APPLIED THERMOPLASTIC MATERIALS WITH GLASS REFECTORISING BEEDS AS PER RELEVANT CLAUSES OF SECTION 803 OF MORT&H SPECIFICATION.

LEGEND :

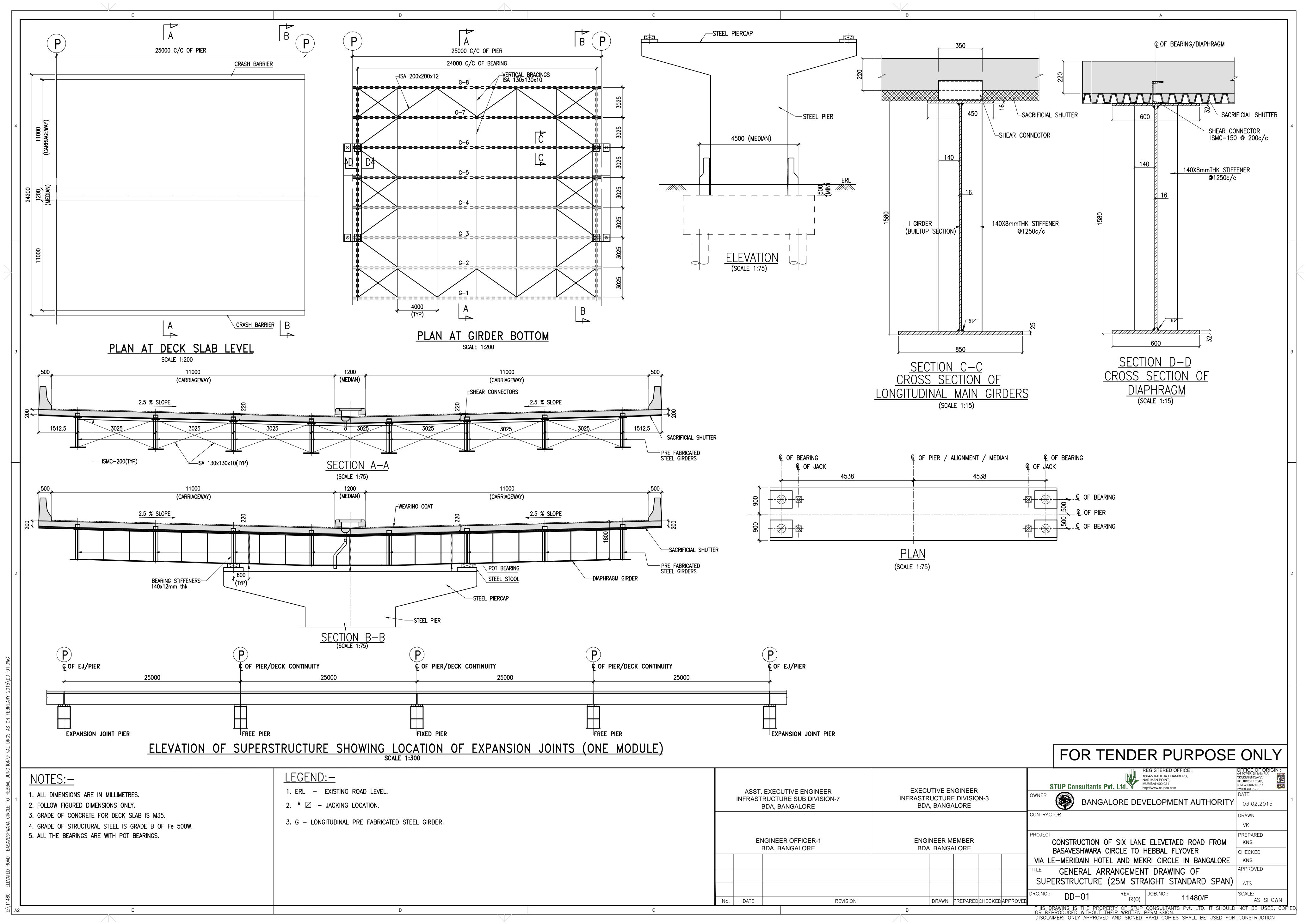
- | | |
|--|---------------------------|
| | PROPOSED FLYOVER |
| | PROPOSED FLYOVER APPROACH |
| | COVERED BOX-PORITION |
| | UNDERPASS APPROACH |
| | LANDSCAPING / MEDIAN |
| | FOOTPATH/DRAIN |
| | PROPOSED AT GRADE ROAD |

ASST, EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE		EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE		OWNER BANGALORE DEVELOPMENT AUTHORITY	
ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		CONTRACTOR	
				PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE MERIDIAN HOTEL AND MEKHRI CIRCLE IN BANGALORE	
				TITLE ROAD MARKING AND SIGNAGE DETAILS - PROPOSED FLYOVER	
R0		25-02-2015		FIRST SUBMISSION	
No.		DATE		REVISION	
				DRAWN	
				PREPARED	
				CHECKED	
				APPROVED	
DRG.NO.:		RD-87		REV. R0	
				JOB.NO.:	
				11480/E	
				SCALE:	
				PLAN 1:100	

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STRUCTURAL DRAWINGS



E:\11480- ELEVATED ROAD -BASAVESHWARA CIRCLE TO HEBBAL JUNCTION.FINAL DRGS AS ON FEBRUARY 2015\DD-01.DWG

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETRES.
- FOLLOW FIGURED DIMENSIONS ONLY.
- GRADE OF CONCRETE FOR DECK SLAB IS M35.
- GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 500W.
- ALL THE BEARINGS ARE WITH POT BEARINGS.

LEGEND:-

- ERL - EXISTING ROAD LEVEL.
- ↑ □ - JACKING LOCATION.
- G - LONGITUDINAL PRE FABRICATED STEEL GIRDER.

ASST. EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE	EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE
ENGINEER OFFICER-1 BDA, BANGALORE	ENGINEER MEMBER BDA, BANGALORE
No.	DATE
REVISION	DRAWN PREPARED CHECKED APPROVED

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REGISTERED OFFICE:
STUP Consultants Pvt. Ltd.
1004 S RAJESHA CHAMBERS,
NARAYAN POINT,
MUMBAI-400 021
http://www.stupco.com

OWNER
BANGALORE DEVELOPMENT AUTHORITY

CONTRACTOR

PROJECT
CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM
BASAVESHWARA CIRCLE TO HEBBAL FLYOVER
VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE

TITLE
GENERAL ARRANGEMENT DRAWING OF
SUPERSTRUCTURE (25M STRAIGHT STANDARD SPAN)

DRG.NO.:
DD-01

REV.
R(0)

JOB.NO.:
11480/E

SCALE:
AS SHOWN

OFFICE OF ORIGIN
141 TOWNSHIP BDA BDA
1004 S RAJESHA CHAMBERS,
NARAYAN POINT,
MUMBAI-400 021
http://www.stupco.com

DATE
03.02.2015

DRAWN
VK

PREPARED
KNS

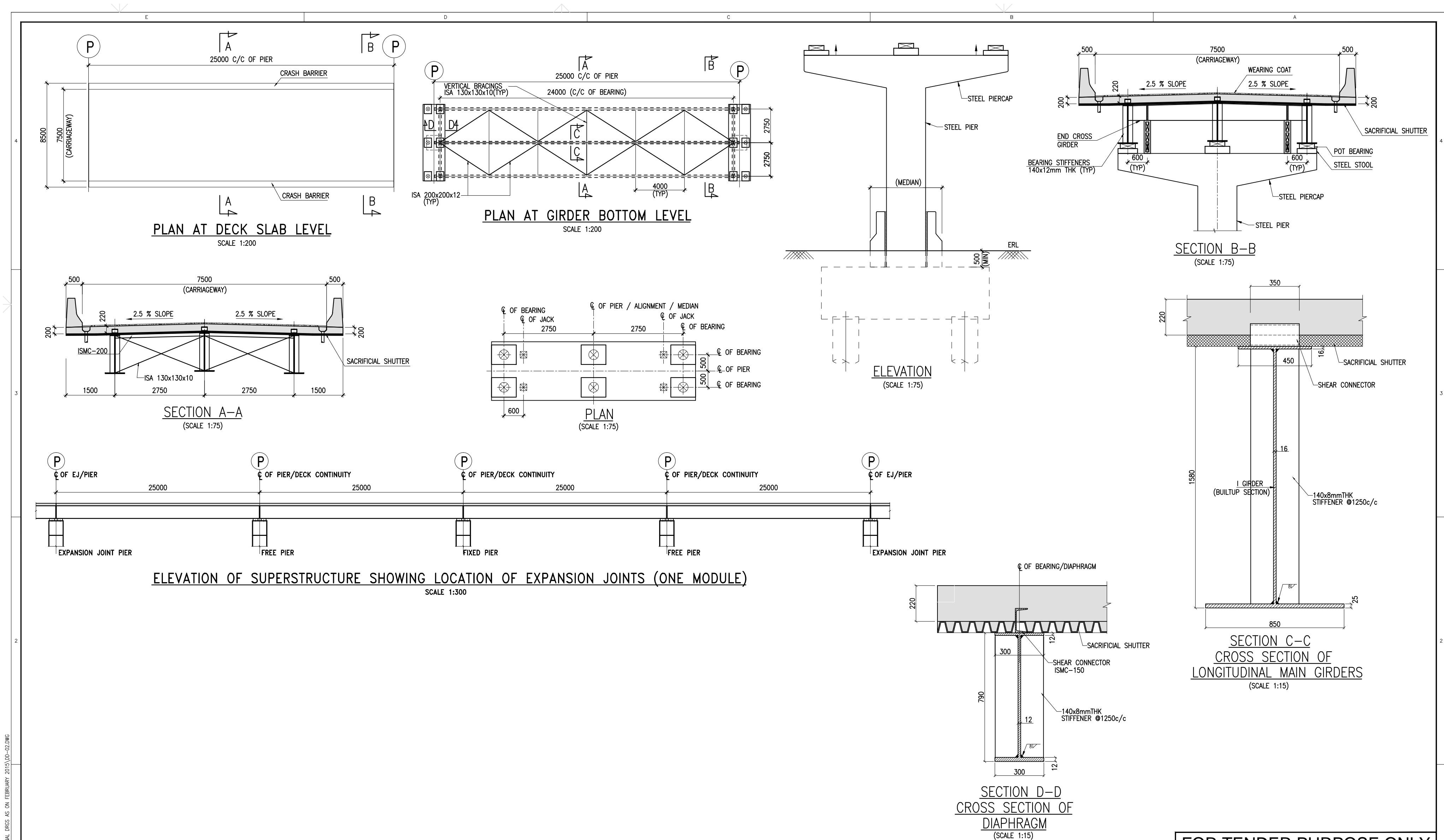
CHECKED
KNS

APPROVED
ATS

SCALE:
AS SHOWN

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E:\1480- ELEVATED ROAD BASAVESHWARA CIRCLE TO HEBBAL JUNCTION\FINAL DRS AS ON FEBRUARY 2015\LD-02.DWG



NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FOLLOW FIGURED DIMENSIONS ONLY.
3. GRADE OF CONCRETE FOR DECK SLAB IS M35.
4. GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 410 W.
5. ALL THE BEARINGS ARE WITH POT BEARINGS.

LEGEND:-

1. ERL - EXISTING ROAD LEVEL.
2. \uparrow \boxtimes - JACKING LOCATION.
3. G - LONGITUDINAL PRE FABRICATED STEEL GIRDER.

ASST. EXECUTIVE ENGINEER
INFRASTRUCTURE SUB DIVISION-7
BDA, BANGALORE

EXECUTIVE ENGINEER
INFRASTRUCTURE DIVISION-3
BDA, BANGALORE

ENGINEER OFFICER-1
BDA, BANGALORE

ENGINEER MEMBER
BDA, BANGALORE

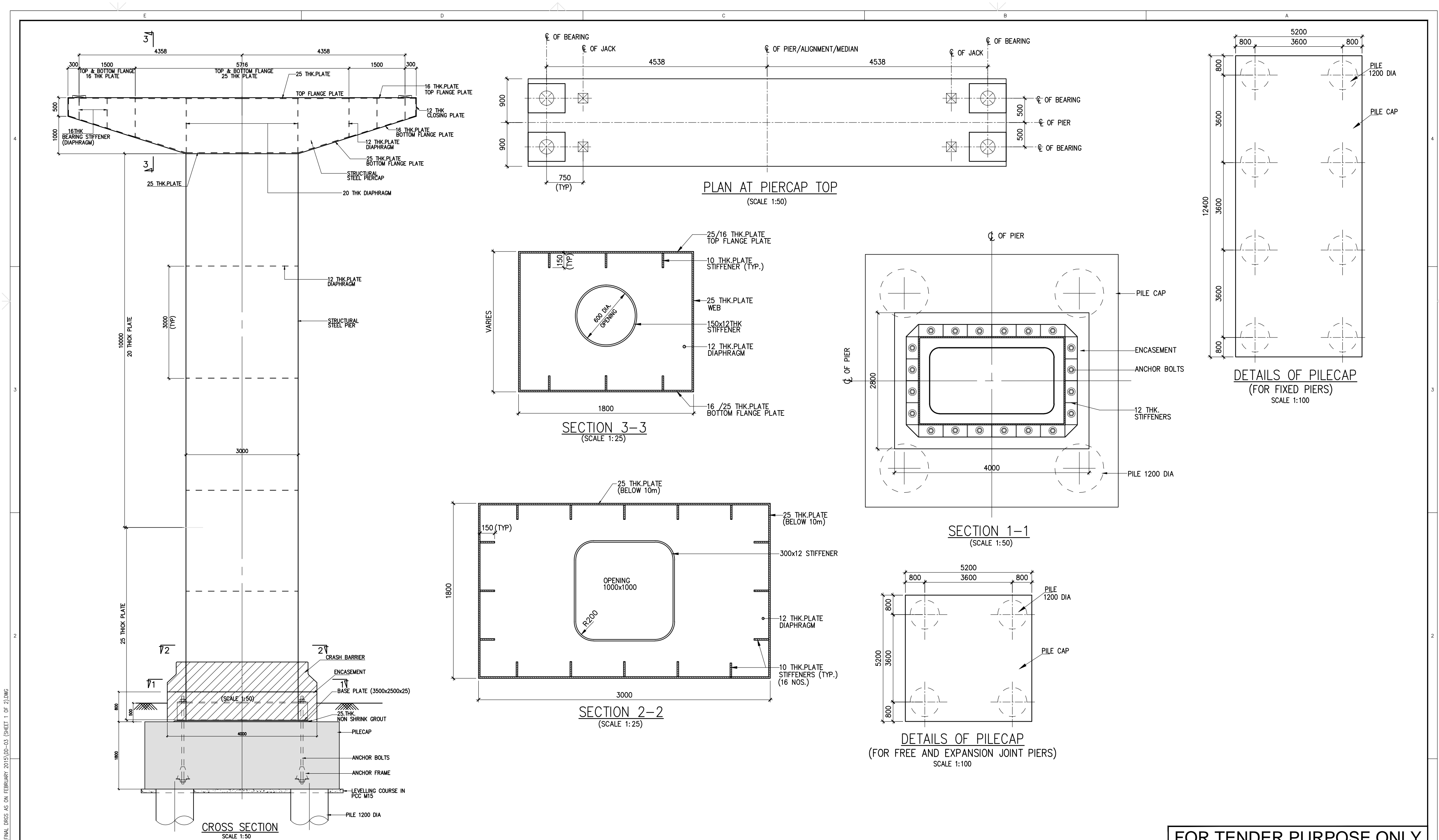
No. DATE REVISION DRAWN PREPARED CHECKED APPROVED

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OWNER BANGALORE DEVELOPMENT AUTHORITY	CONTRACTOR KNS	DATE 03.02.2015
PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE		DRAWN VK
TITLE GENERAL ARRANGEMENT DRAWING OF SUPERSTRUCTURE (25M STRAIGHT STANDARD SPAN)		PREPARED KNS
DRG.NO.: DD-02		CHECKED KNS
REV. R(0)		APPROVED ATS
JOB.NO.: 11480/E		SCALE: AS SHOWN

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E:\1480- ELEVATED ROAD -BASAVESHWARA CIRCLE TO HEBBAL JUNCTION\FINAL DROS AS ON FEBRUARY 2015\DD-03 (SHEET 1 OF 2).DWG



NOTES: -

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. GRADE OF STRUCTURAL STEEL SHALL BE Fe 540.
3. ALL WELDING SHALL CONFORM TO IS:816 & IS:9595.
4. ALL BOLTS & NUTS SHALL CONFORM TO IS:1367.
5. ALL FABRICATED STEEL SHALL BE PAINTED/METALIZED AS PER SPECIFICATIONS.
6. ALL STURCTURAL STEEL WORKS SHALL CONFORM TO SPECIFICATIONS.

LEGEND: -

1. - POT BEARINGS.
2. - JACK POINTS.

ASST. EXECUTIVE ENGINEER
INFRASTRUCTURE SUB DIVISION-7
BDA, BANGALORE

EXECUTIVE ENGINEER
INFRASTRUCTURE DIVISION-3
BDA, BANGALORE

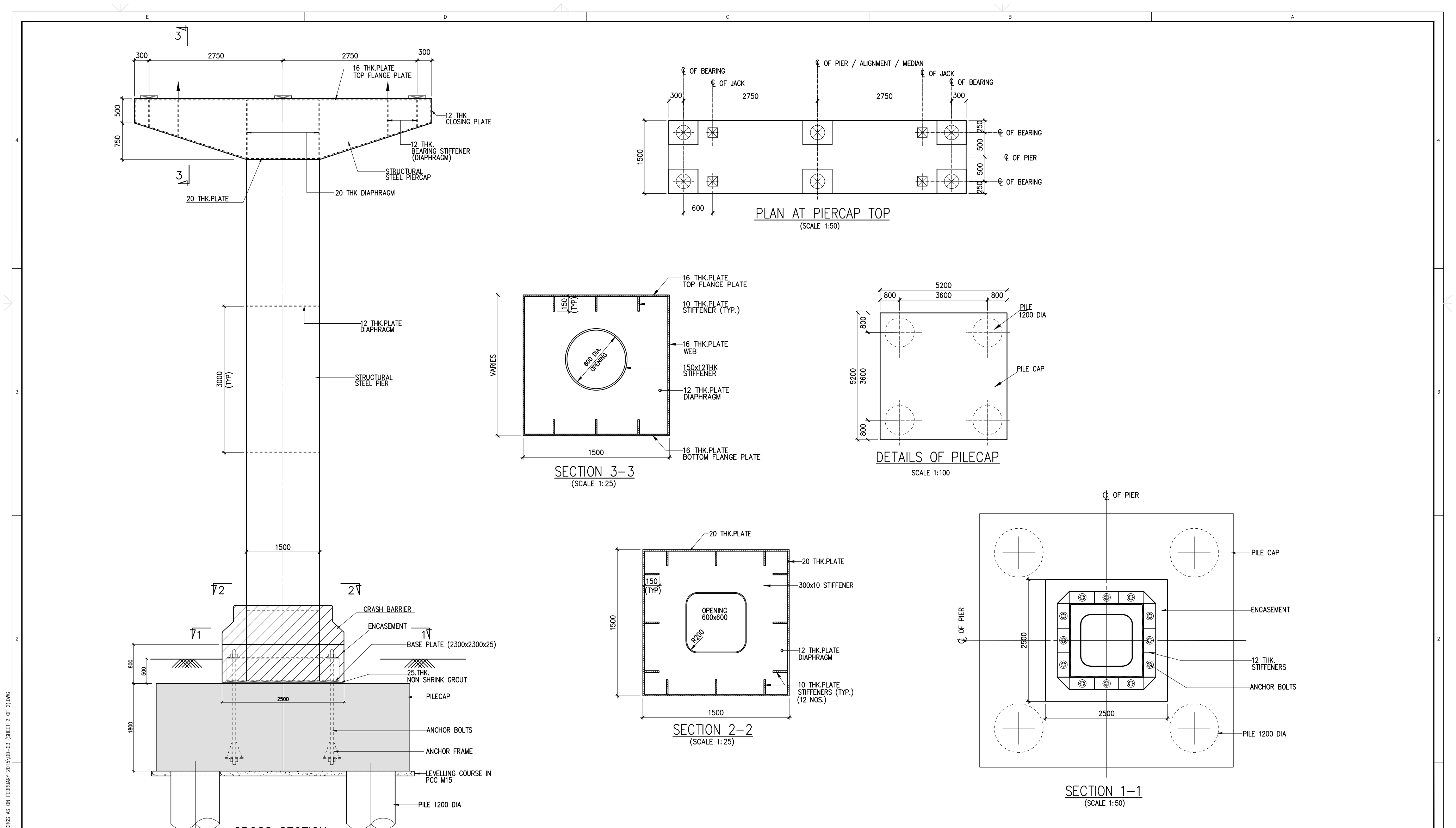
ENGINEER OFFICER-1
BDA, BANGALORE

ENGINEER MEMBER
BDA, BANGALORE

No.	DATE	REVISION	DRAWN	PREPARED	CHECKED	APPROVED

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REGISTERED OFFICE: 1004 G RAJESHA CHAMBERS, MUMBAI-400 021 http://www.stupco.com		OFFICE OF ORIGIN 1004 G RAJESHA CHAMBERS, MUMBAI-400 021 http://www.stupco.com	
OWNER BANGALORE DEVELOPMENT AUTHORITY	DATE 03.02.2015	CONTRACTOR VKS	DRAWN KNS
PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDIAN HOTEL AND MEKRI CIRCLE IN BANGALORE	PREPARED KNS	CHECKED KNS	APPROVED KNS
TITLE TYPICAL DETAILS OF PIER AND PIERCAP (25m STANDARD SPAN) (MAIN FLYOVER)	DRG.NO.: DD-03 (SHEET 1 OF 2)	REV. R(0)	JOB.NO.: 11480/E
SCALE: AS SHOWN	THIS DRAWING IS THE PROPERTY OF STUP CONSULTANTS PVT. LTD. IT SHOULD NOT BE USED, COPIED, OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION. DISCLAIMER: ONLY APPROVED AND SIGNED HARD COPIES SHALL BE USED FOR CONSTRUCTION		



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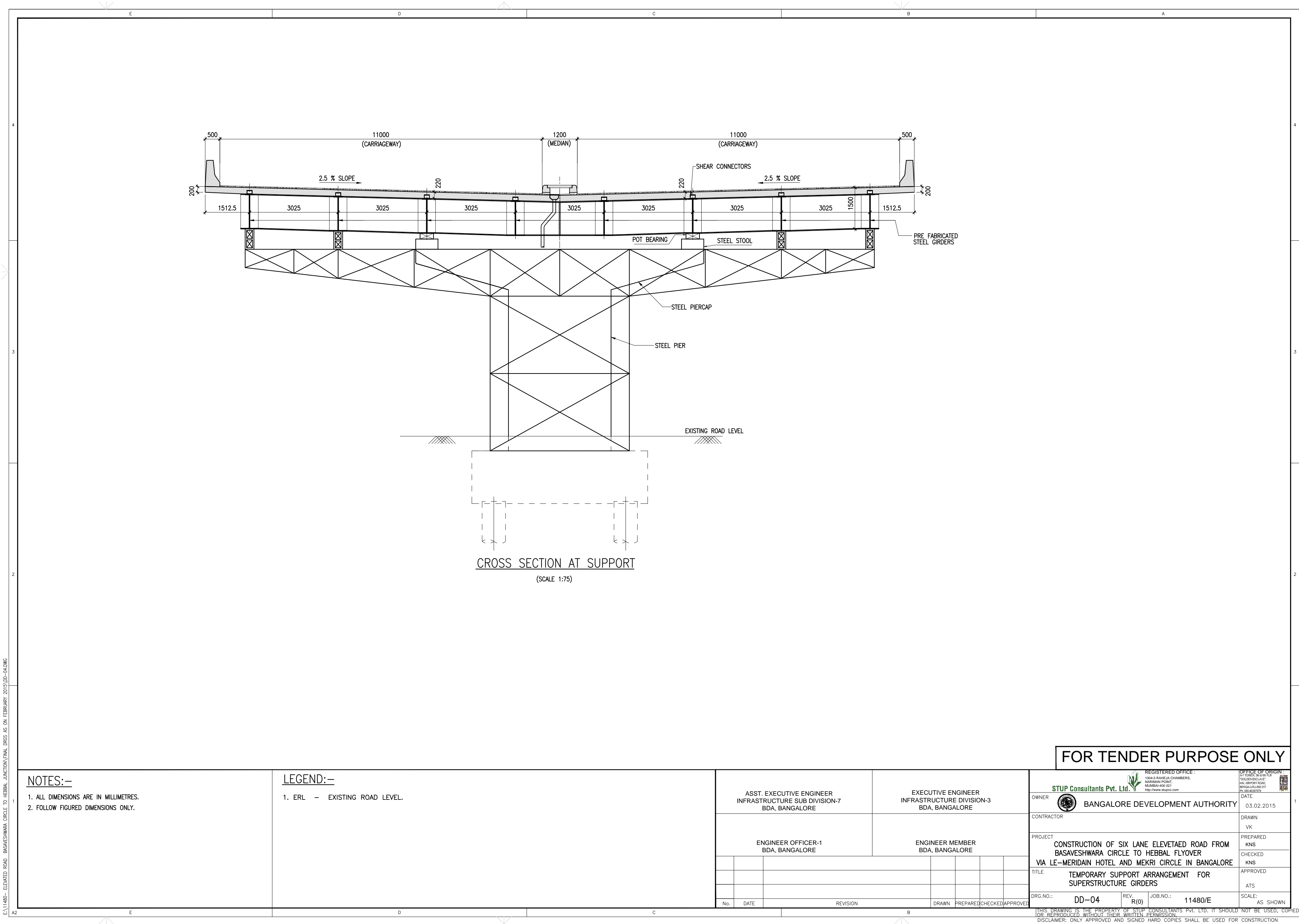
- NOTES: -**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. GRADE OF STRUCTURAL STEEL SHALL BE Fe 540.
 3. ALL WELDING SHALL CONFIRM TO IS:816 & IS:9595.
 4. ALL BOLTS & NUTS SHALL CONFORM TO IS:1367.
 5. ALL FABRICATED STEEL SHALL BE PAINTED/METALIZED AS PER SPECIFICATIONS.
 6. ALL STURCTURAL STEEL WORKS SHALL CONFORM TO SPECIFICATIONS.

- LEGEND: -**
1. - POT BEARINGS.
 2. - JACK POINTS.

ASST. EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE		EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE	
ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE	
No.	DATE	REVISION	DRAWN PREPARED CHECKED APPROVED

REGISTERED OFFICE : STUP Consultants Pvt. Ltd. 1004 G RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 http://www.stupco.com		OFFICE OF ORIGIN : 1004 G RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 http://www.stupco.com
OWNER	BANGALORE DEVELOPMENT AUTHORITY	DATE
CONTRACTOR	VK	DRAWN
PROJECT	CONSTRUCTION OF SIX LANE ELEVETAED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE	PREPARED
TITLE	TYPICAL DETAILS OF PIER AND PIERCAP (25m STANDARD SPAN) (RAMP PORTION)	CHECKED
DRG.NO.:	DD-03 (SHEET 2 OF 2)	APPROVED
REV.	R(0)	ATS
JOB.NO.:	11480/E	SCALE:
		AS SHOWN

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NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FOLLOW FIGURED DIMENSIONS ONLY.

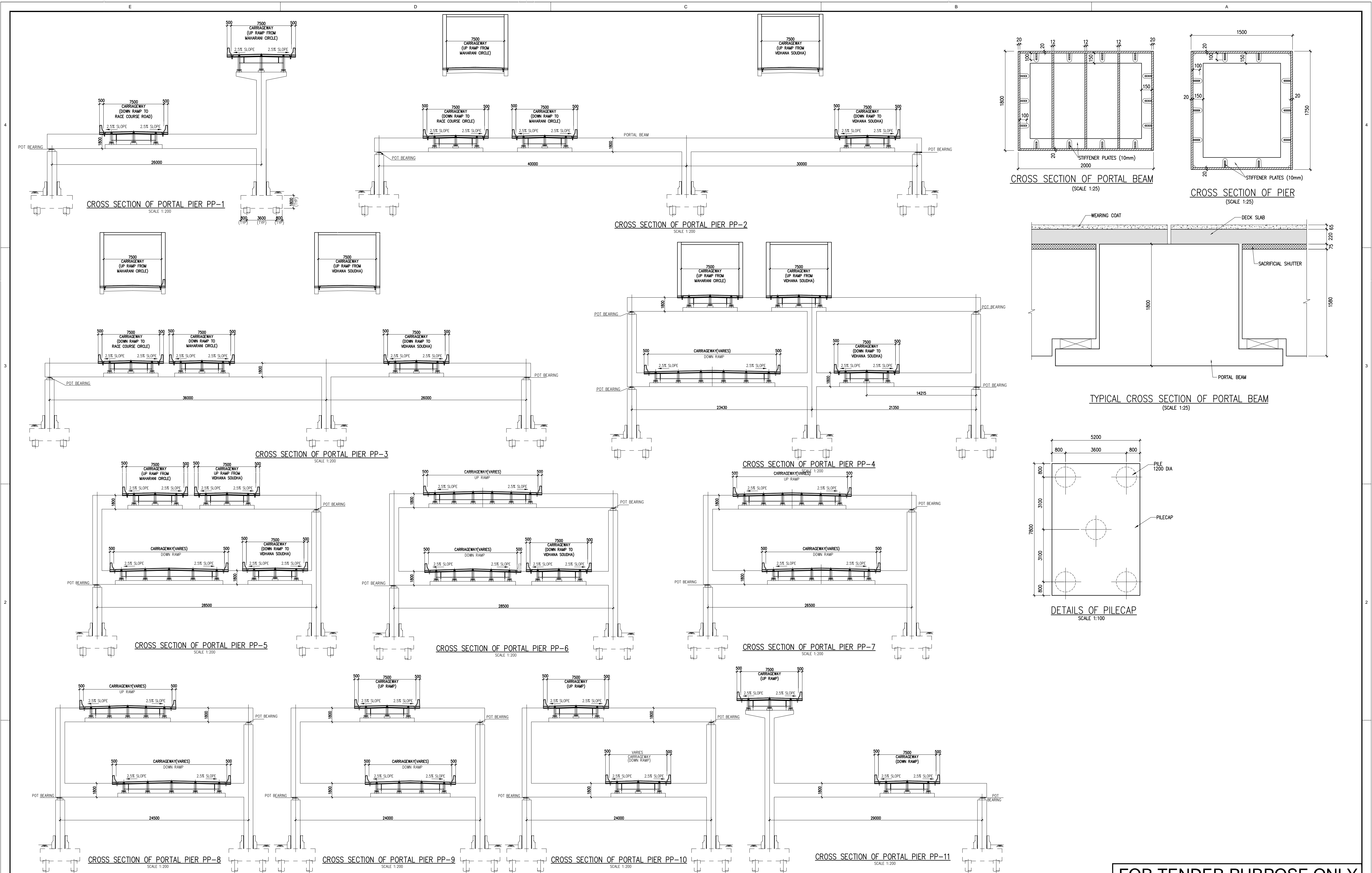
LEGEND:-

1. ERL - EXISTING ROAD LEVEL.

ASST. EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE		EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE		REGISTERED OFFICE : 1004 G RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 http://www.stupco.com		OFFICE OF ORIGIN : 1004 G RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 http://www.stupco.com
ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		OWNER  BANGALORE DEVELOPMENT AUTHORITY		DATE 03.02.2015
				CONTRACTOR		DRAWN VK
				PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE		PREPARED KNS
				TITLE TEMPORARY SUPPORT ARRANGEMENT FOR SUPERSTRUCTURE GIRDERS		CHECKED KNS
				DRG.NO.: DD-04		APPROVED ATS
				REV. R(0)		SCALE: AS SHOWN
				JOB.NO.: 11480/E		
No.	DATE	REVISION	DRAWN	PREPARED	CHECKED	APPROVED

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E:\1480- ELEVATED ROAD BASAVESHWARA CIRCLE TO HEBBAL JUNCTION\FINAL DRGS AS ON FEBRUARY 2018\DD-06 (SHEET 1 OF 2).DWG



NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FOLLOW FIGURED DIMENSIONS ONLY.
3. GRADE OF CONCRETE FOR DECK SLAB IS M35.
4. GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 500W.
5. ALL THE BEARINGS ARE WITH POT BEARINGS.

LEGEND:-

1. ERL - EXISTING ROAD LEVEL.
2. \uparrow \square - JACKING LOCATION.
3. G - LONGITUDINAL PRE FABRICATED STEEL GIRDER.

ASST. EXECUTIVE ENGINEER
INFRASTRUCTURE SUB DIVISION-7
BDA, BANGALORE

EXECUTIVE ENGINEER
INFRASTRUCTURE DIVISION-3
BDA, BANGALORE

ENGINEER OFFICER-1
BDA, BANGALORE

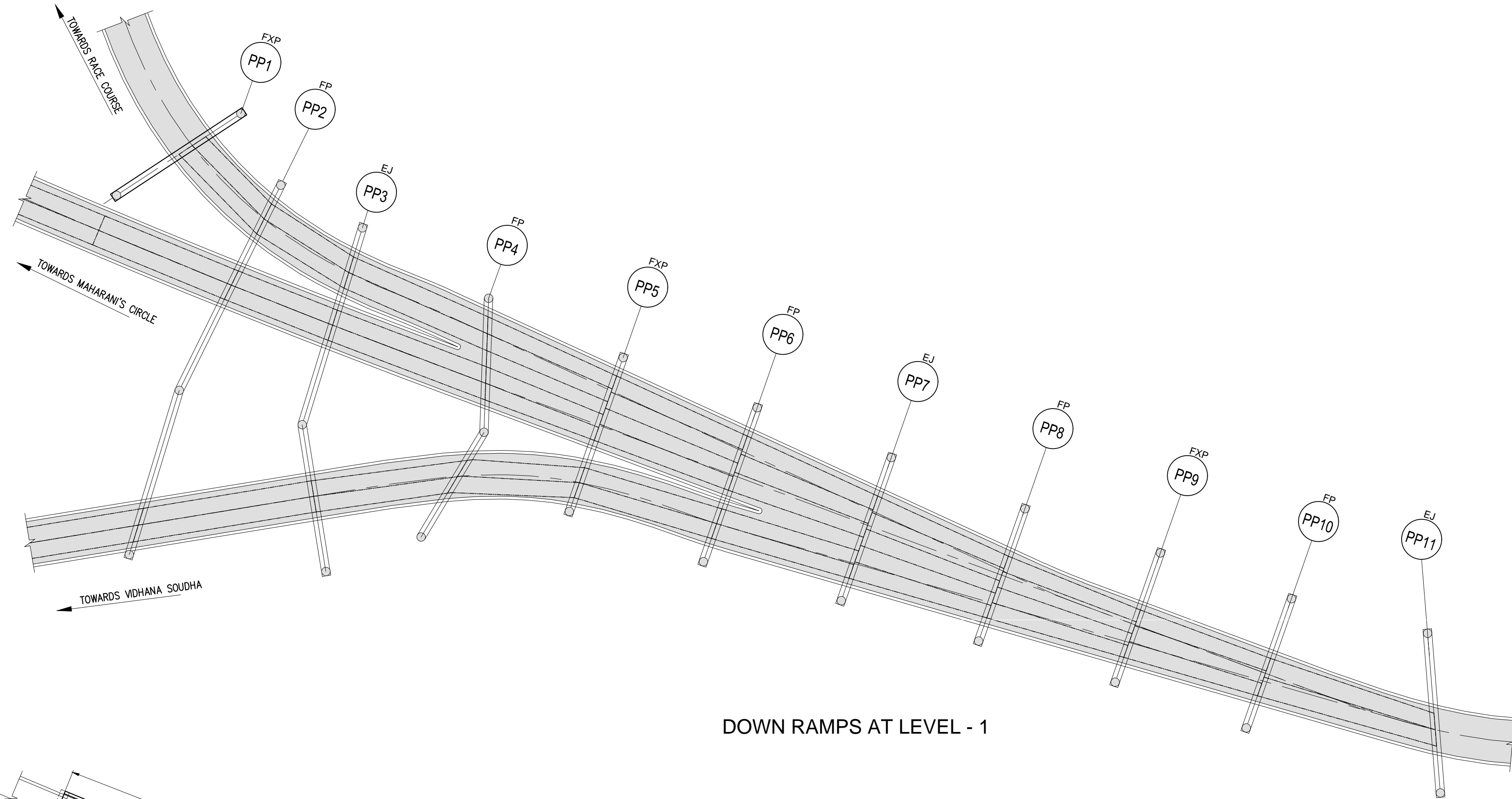
ENGINEER MEMBER
BDA, BANGALORE

No.	DATE	REVISION	DRAWN	PREPARED	CHECKED	APPROVED
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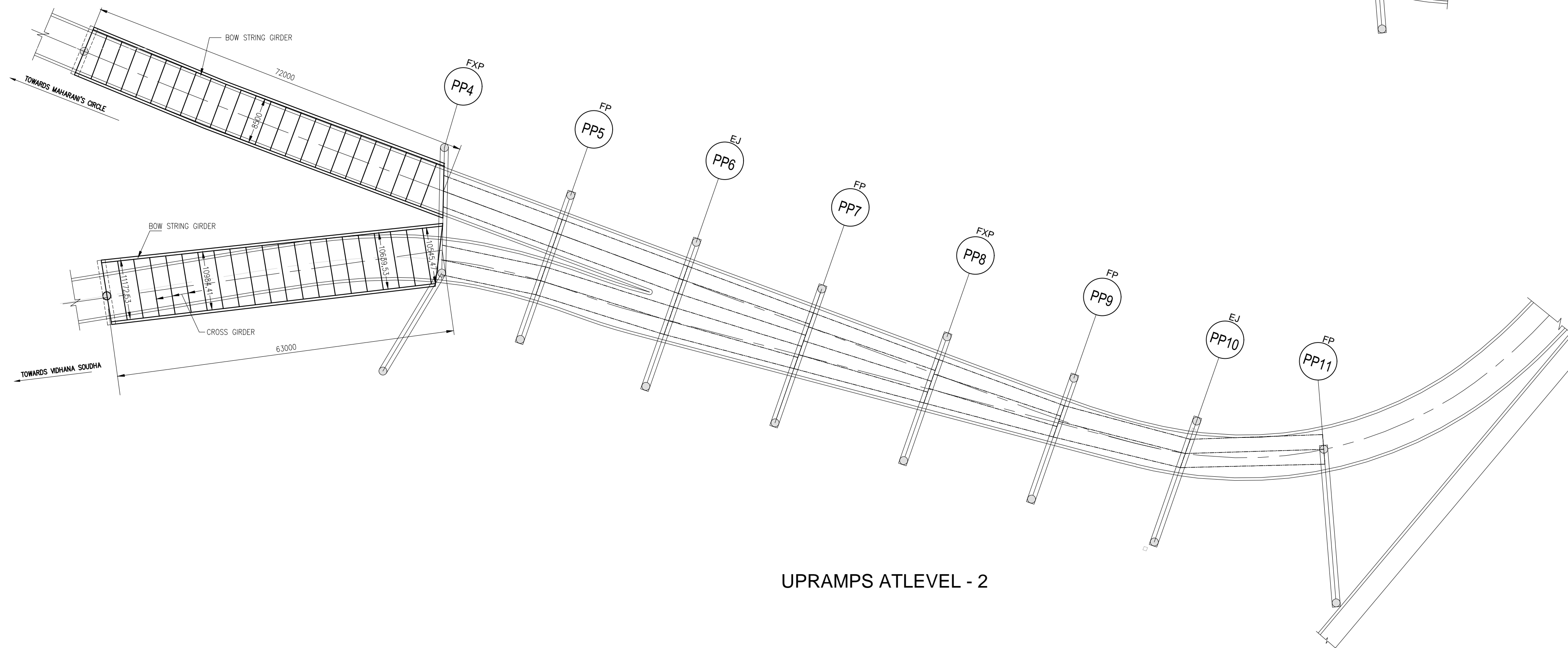
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REGISTERED OFFICE: STUP Consultants Pvt. Ltd. 100-12 BANGALORE CHAMBERS, HARIMAN POINT, HAL AIRPORT ROAD, BANGALORE-560 017 Ph: (080-40397979)		OFFICE OF ORIGIN: A-1 TOWER, ON A BAY FLYER, 100-12 BANGALORE CHAMBERS, HARIMAN POINT, HAL AIRPORT ROAD, BANGALORE-560 017 Ph: (080-40397979)	
OWNER BANGALORE DEVELOPMENT AUTHORITY	DATE 03.02.2015	CONTRACTOR 	DRAWN VK
PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDIAN HOTEL AND MEKRI CIRCLE IN BANGALORE	PREPARED KNS	TITLE DETAILS OF PORTALS NEAR BASAVESHWARA CIRCLE	CHECKED KNS
DRG.NO.: DD-05 (SHEET 1 OF 2)	REV. R(0)	JOB.NO.: 11480/E	APPROVED ATS
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E:\1480- ELEVATED ROAD BASAVESHWARA CIRCLE TO HEBBAL JUNCTION\FINAL DRGS AS ON FEBRUARY 2019\DD-06 (SHEET 2 OF 2).R1.DWG



DOWN RAMPS AT LEVEL - 1



UPRAMPS AT LEVEL - 2

FOR TENDER PURPOSE ONLY

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FOLLOW FIGURED DIMENSIONS ONLY.
3. GRADE OF CONCRETE FOR DECK SLAB IS M35.
4. GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 540W.
5. ALL THE BEARINGS ARE WITH POT BEARINGS.

LEGEND:-

1. EJ - EXPANSION JOINT.
2. FP - FREE PIER.
3. FXP - FIXED PIER.
4. - - - - - CENTRE LINE OF GIRDERS.

ASST. EXECUTIVE ENGINEER
INFRASTRUCTURE SUB DIVISION-7
BDA, BANGALORE

EXECUTIVE ENGINEER
INFRASTRUCTURE DIVISION-3
BDA, BANGALORE

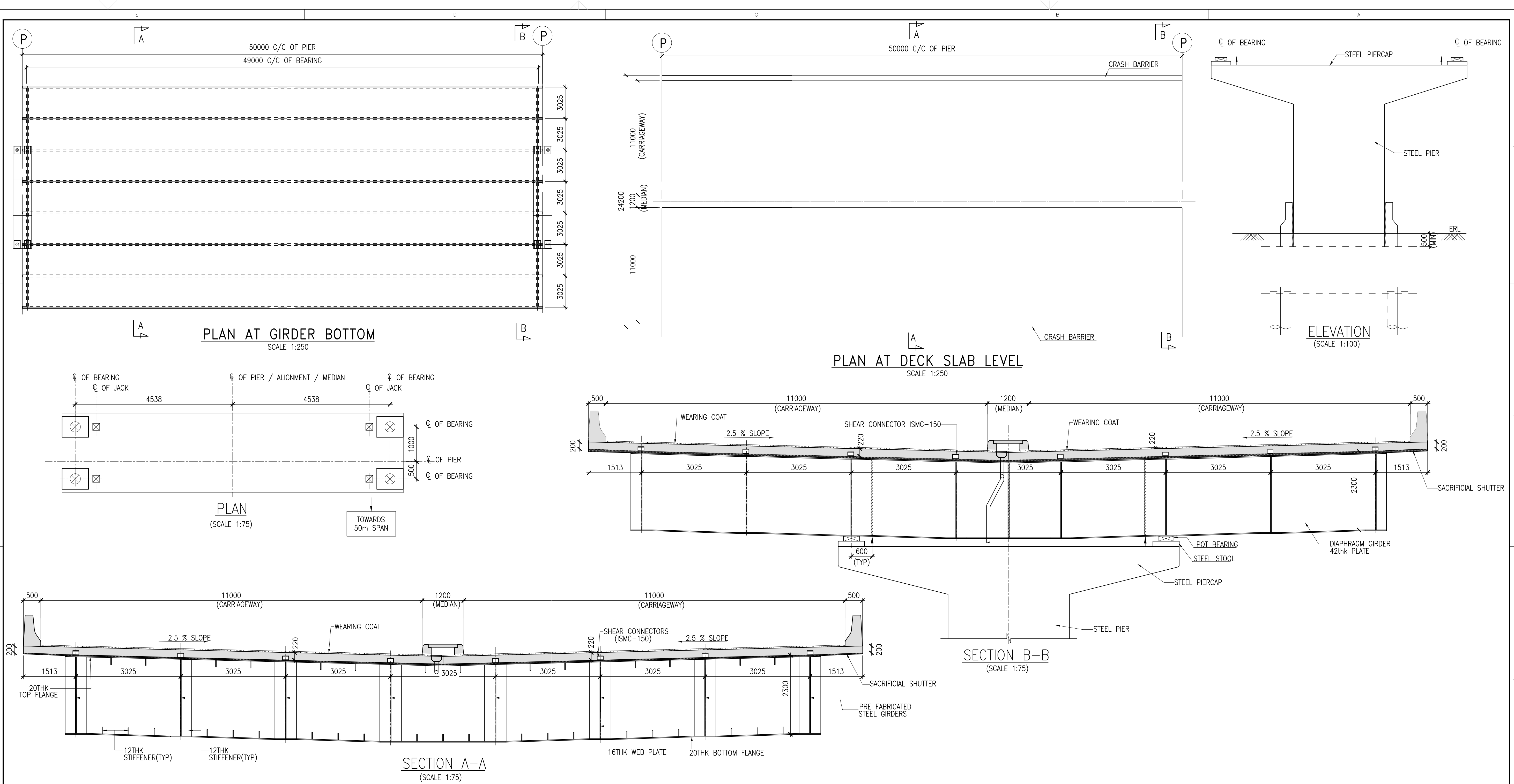
ENGINEER OFFICER-1
BDA, BANGALORE

ENGINEER MEMBER
BDA, BANGALORE

No.	DATE	REVISION	DRAWN	PREPARED	CHECKED	APPROVED
-----	------	----------	-------	----------	---------	----------

REGISTERED OFFICE: STUP Consultants Pvt. Ltd. 100/4-5 RAJESHA CHAMBERS, NARAYAN PONT, HALI AIRPORT ROAD, BANGALORE-560 017 Ph: (984) 43397979 http://www.stupco.com		OFFICE OF ORIGIN: K-1 TOWER, 28 A, 29 A, 30 A, 31 A, 100/4-5 RAJESHA CHAMBERS, NARAYAN PONT, HALI AIRPORT ROAD, BANGALORE-560 017 Ph: (984) 43397979 http://www.stupco.com	
OWNER	BANGALORE DEVELOPMENT AUTHORITY	DATE	03.02.2015
CONTRACTOR		DRAWN	VK
PROJECT	CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDIAN HOTEL AND MEKRI CIRCLE IN BANGALORE	PREPARED	KNS
TITLE	DETAILS OF GIRDERS NEAR BASAVESHWARA CIRCLE	CHECKED	KNS
DRG.NO.: DD-05 (SHEET 2 OF 2)	REV. R(0)	JOB.NO.: 11480/E	SCALE: AS SHOWN

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NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FOLLOW FIGURED DIMENSIONS ONLY.
3. GRADE OF CONCRETE FOR DECK SLAB IS M35.
4. GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 540W.
5. ALL THE BEARINGS ARE POT BEARINGS.

LEGEND:-

1. ERL - EXISTING ROAD LEVEL.
2. ↑ ⊠ - JACKING LOCATION.

ASST. EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE		EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE		OWNER STUP Consultants Pvt. Ltd. BANGALORE DEVELOPMENT AUTHORITY	
ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		CONTRACTOR	
				PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE	
				TITLE GENERAL ARRANGEMENT DRAWING OF SUPERSTRUCTURE (50m STRAIGHT OBLIGATORY SPAN)	
No.		DATE		REVISION	
				DRAWN PREPARED CHECKED APPROVED	
				DRG.NO.: DD-06 REV. R(0) JOB.NO.: 11480/E	
				DATE 03.02.2015	
				DRAWN VK	
				PREPARED KNS	
				CHECKED KNS	
				APPROVED ATs	
				SCALE: AS SHOWN	

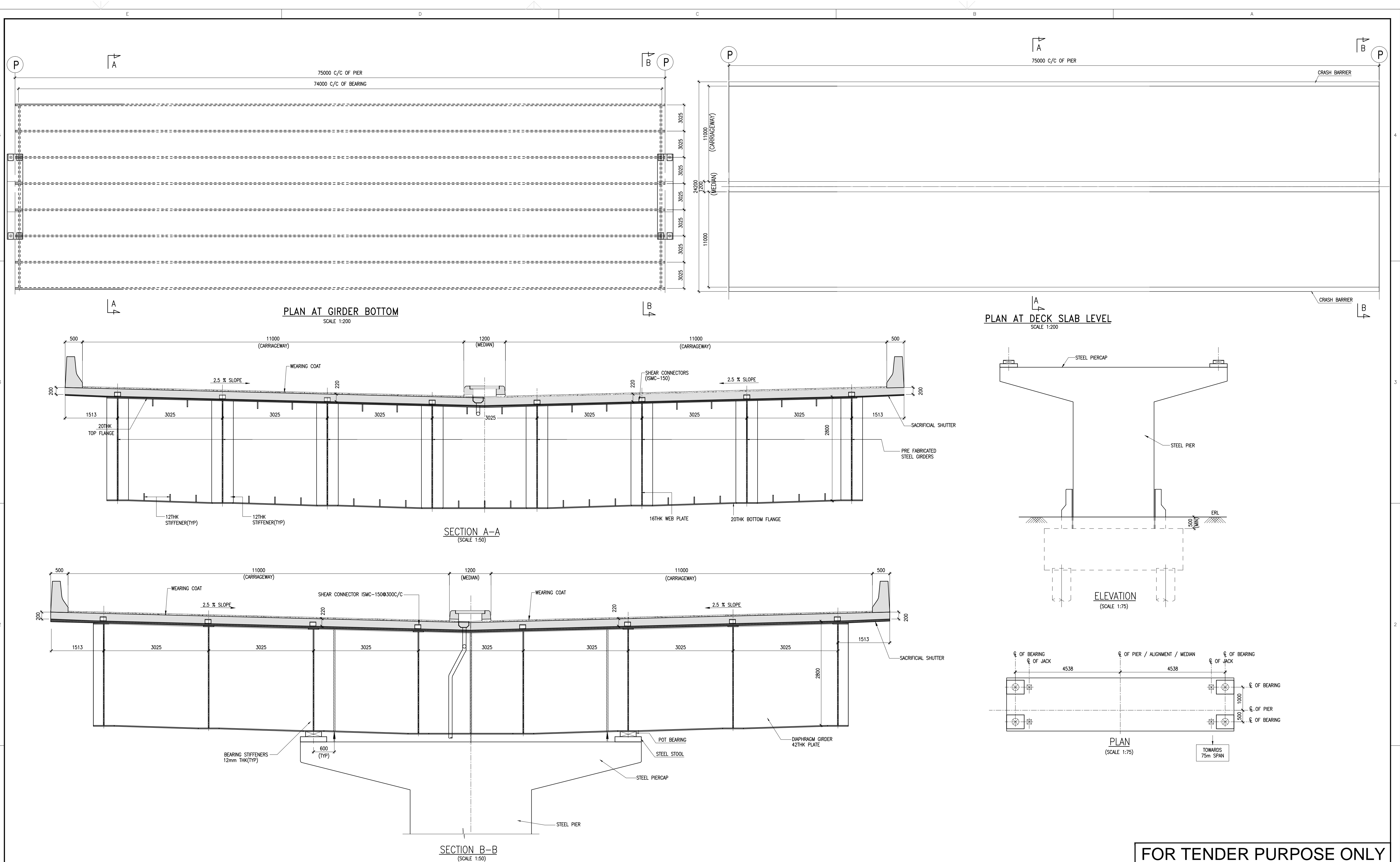
FOR TENDER PURPOSE ONLY

REGISTERED OFFICE :
1004-S RAHEJA CHAMBERS,
NARIMAN POINT,
MUMBAI-400 021
http://www.stupco.com

OFFICE OF ORIGIN :
"GOLDEN ENCLAVE",
HALLAPUR ROAD,
BANGALORE-560 071
PH: 8046382979

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E:\11480- ELEVATED ROAD BASAVESHWARA CIRCLE TO HEBBAL JUNCTION\FINAL DROS AS ON FEBRUARY 2013\DD-07.DWG



NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FOLLOW FIGURED DIMENSIONS ONLY.
3. GRADE OF CONCRETE FOR DECK SLAB IS M35.
4. GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 540W.
5. ALL THE BEARINGS ARE WITH POT BEARINGS.

LEGEND:-

1. ERL - EXISTING ROAD LEVEL.
2. ↑ ☒ - JACKING LOCATION.

ASST. EXECUTIVE ENGINEER
INFRASTRUCTURE SUB DIVISION-7
BDA, BANGALORE

EXECUTIVE ENGINEER
INFRASTRUCTURE DIVISION-3
BDA, BANGALORE

ENGINEER OFFICER-1
BDA, BANGALORE

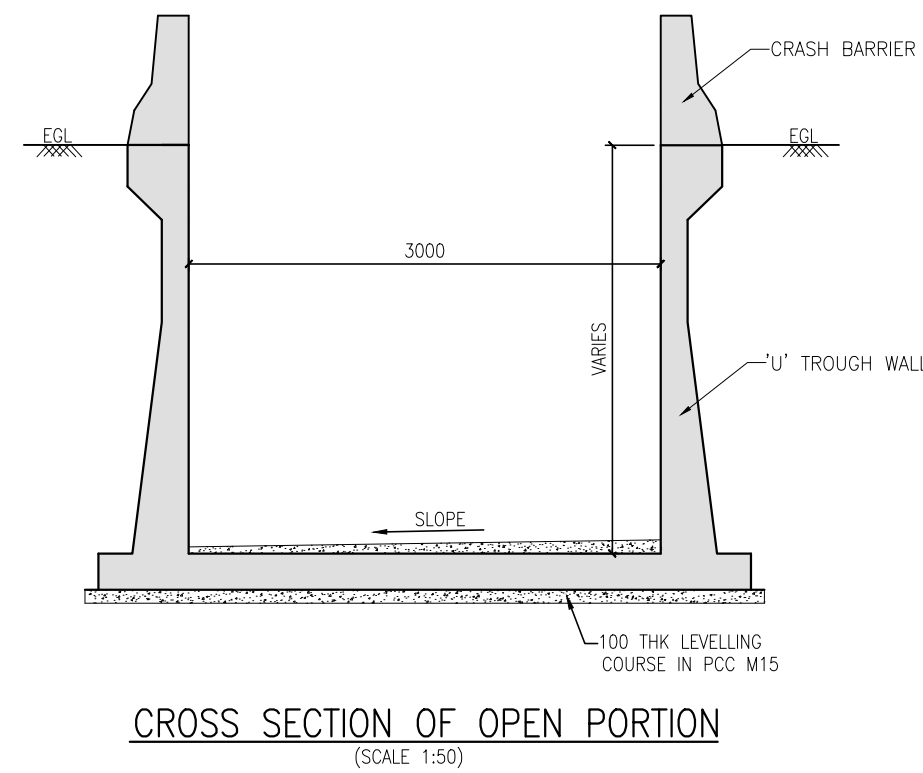
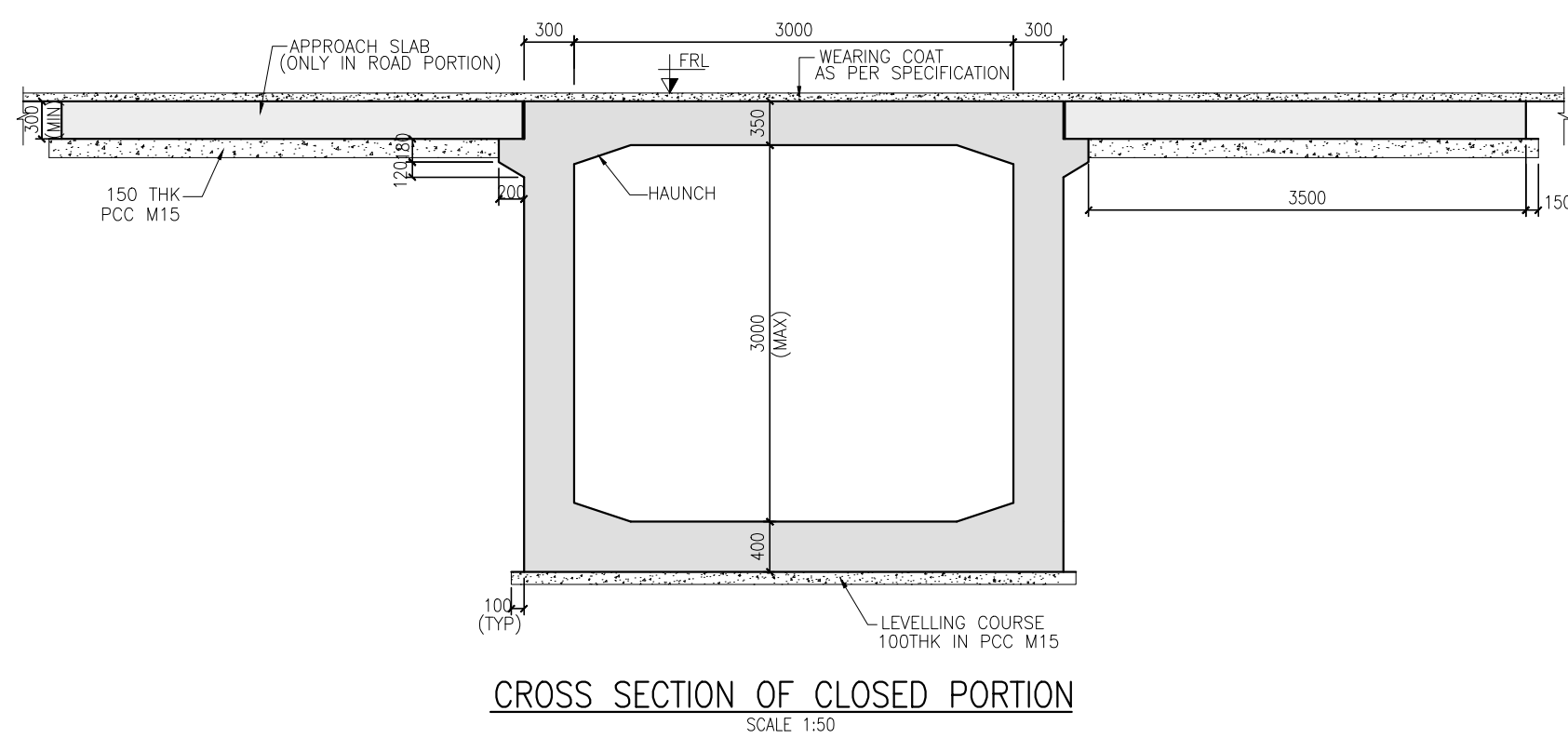
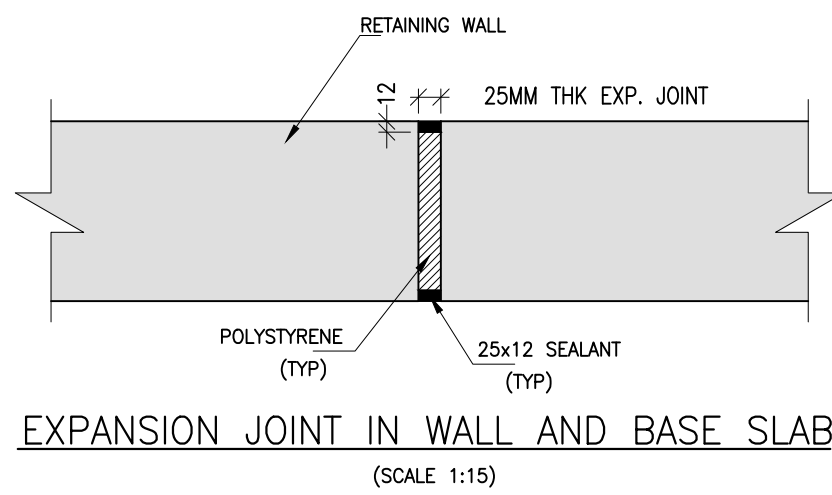
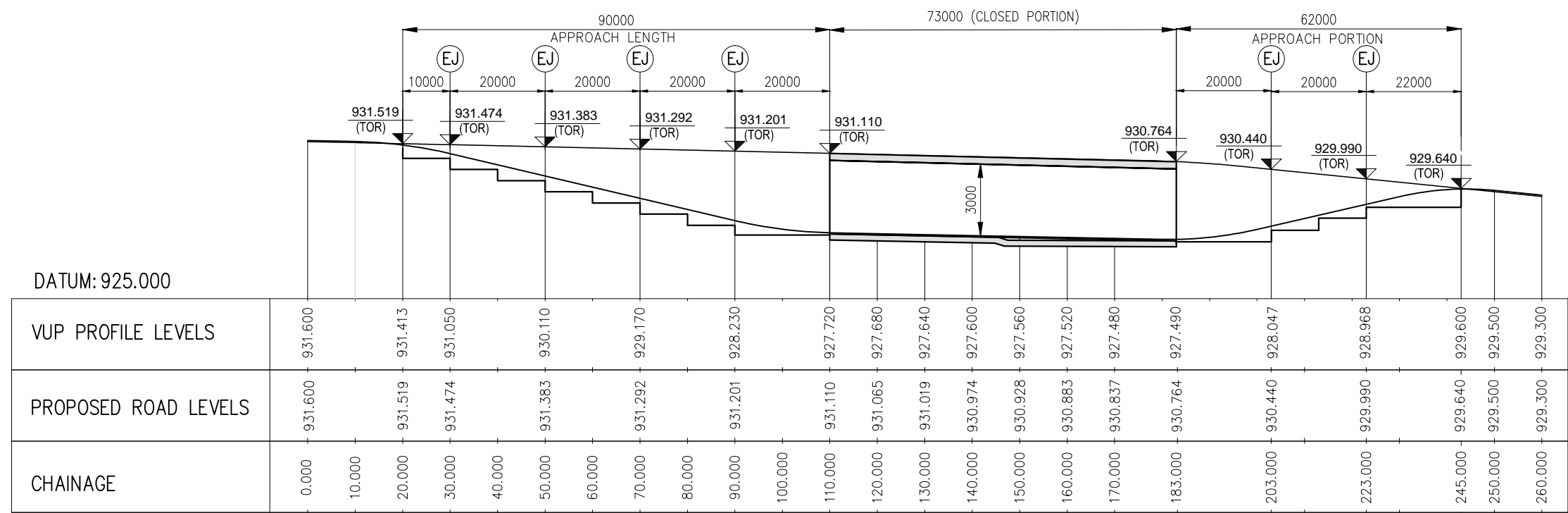
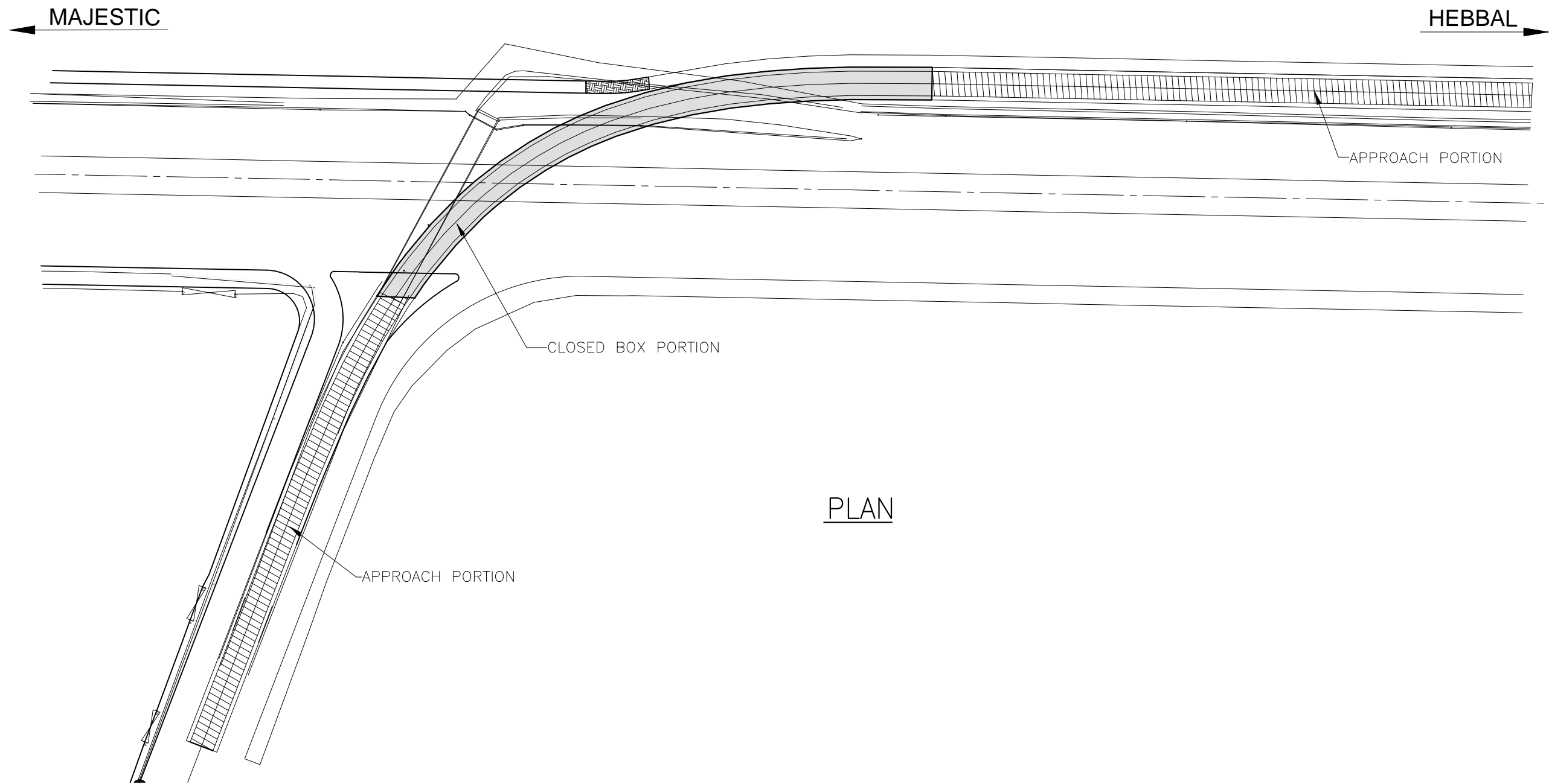
ENGINEER MEMBER
BDA, BANGALORE

No.	DATE	REVISION	DRAWN	PREPARED	CHECKED	APPROVED

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REGISTERED OFFICE : 1004-A RAJAJI CHAMBERS, NARAYAN POINT, MUMBAI-400 021 http://www.stupco.com		OFFICE OF ORIGIN : 1004-A RAJAJI CHAMBERS, NARAYAN POINT, MUMBAI-400 021 http://www.stupco.com	
OWNER STUP Consultants Pvt. Ltd.	BANGALORE DEVELOPMENT AUTHORITY	DATE 03.02.2015	
CONTRACTOR		DRAWN VK	
PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE		PREPARED KNS	
TITLE GENERAL ARRANGEMENT DRAWING OF SUPERSTRUCTURE (75M STRAIGHT OBLIGATORY SPAN)		CHECKED KNS	
DRG.NO.: DD-07	REV R(0)	JOB.NO.: 11480/E	SCALE: AS SHOWN

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NOTE: NO WATER TABLE IS CONSIDERED

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NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FOLLOW FIGURED DIMENSIONS ONLY.
3. GRADE OF CONCRETE FOR DECK SLAB IS M35.
4. GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 500W.

LEGEND :

- 1) TOR - TOP OF RETAINING WALL.
- 2) EGL - EXISTING GROUND LEVEL..

REFERENCE DRG'S :

- 1) RD-20 - CONSTRUCTION OF ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL JUNCTION MAIN FLYOVER PLAN AND PROFILE & GRADE LEVEL PLAN

ASST. EXECUTIVE ENGINEER
INFRASTRUCTURE SUB DIVISION-7
BDA, BANGALORE

EXECUTIVE ENGINEER
INFRASTRUCTURE DIVISION-3
BDA, BANGALORE

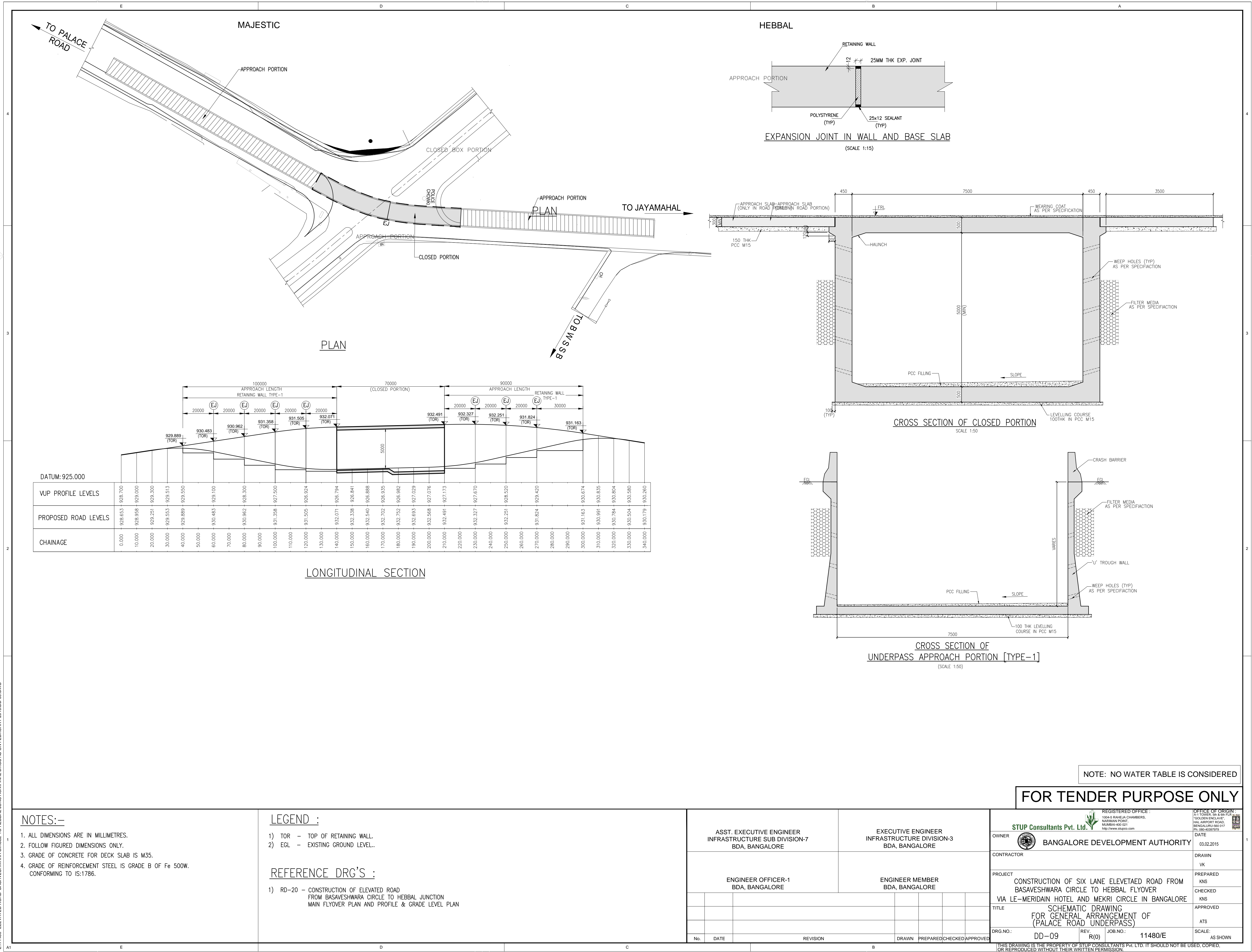
ENGINEER OFFICER-1
BDA, BANGALORE

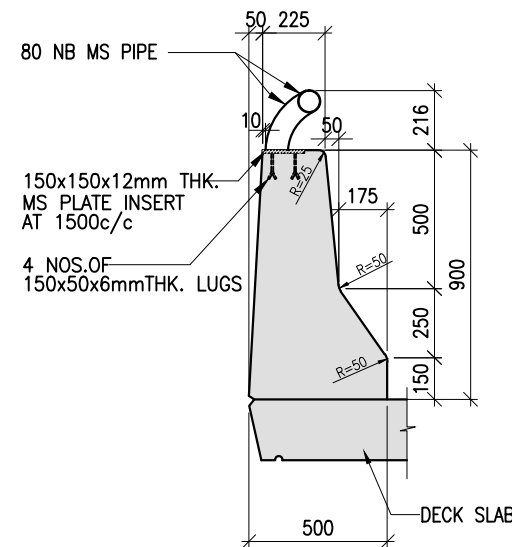
ENGINEER MEMBER
BDA, BANGALORE

No.	DATE	REVISION	DRAWN	PREPARED	CHECKED	APPROVED

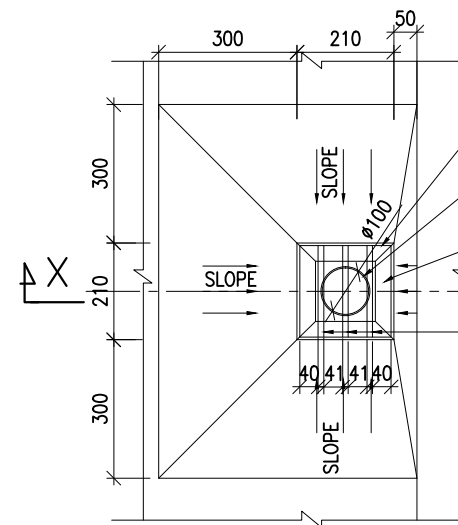
REGISTERED OFFICE : 100-4 BANGALORE CHAMBERS, HARIMAN POINT, BANGALORE-560 017 http://www.stupco.com		OFFICE OF ORIGIN: A-1 TOWER, 20 & 21 FLOOR, 100-4 BANGALORE CHAMBERS, HARIMAN POINT, BANGALORE-560 017 Ph: 086-60397979	
OWNER	BANGALORE DEVELOPMENT AUTHORITY	DATE	03.02.2015
CONTRACTOR		DRAWN	VK
PROJECT	CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE	PREPARED	KNS
TITLE	SCHEMATIC DRAWING FOR GENERAL ARRANGEMENT OF (CUNNINGHAM ROAD UNDERPASS)	CHECKED	KNS
DRG.NO.:	DD-08	REV.:	R(0)
JOB.NO.:	11480/E	APPROVED	ATS
SCALE:	AS SHOWN		

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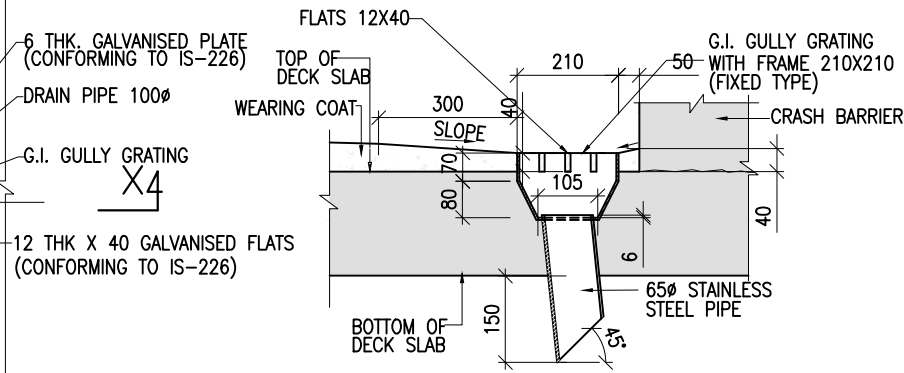




TYPICAL CRASH BARRIER DETAIL
(SCALE 1:25)

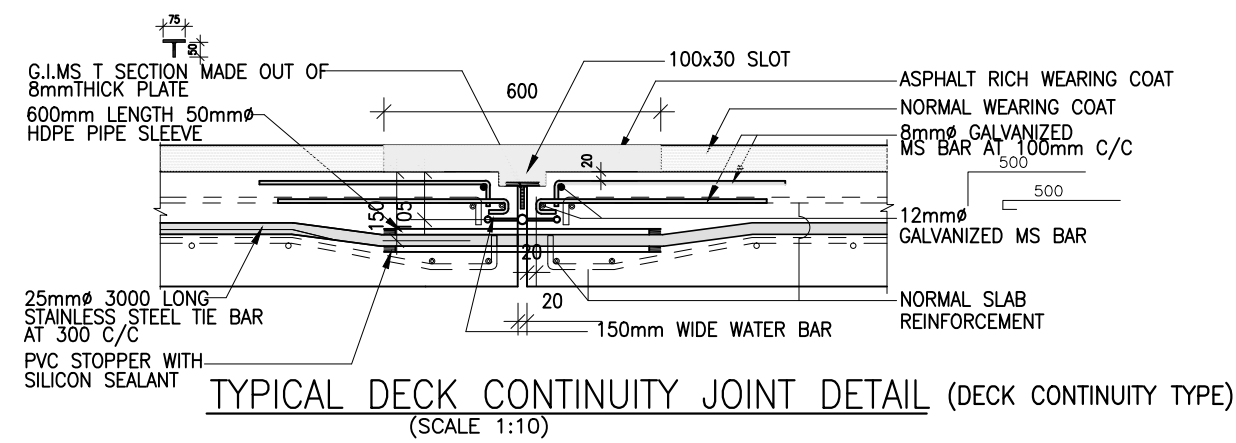


PLAN

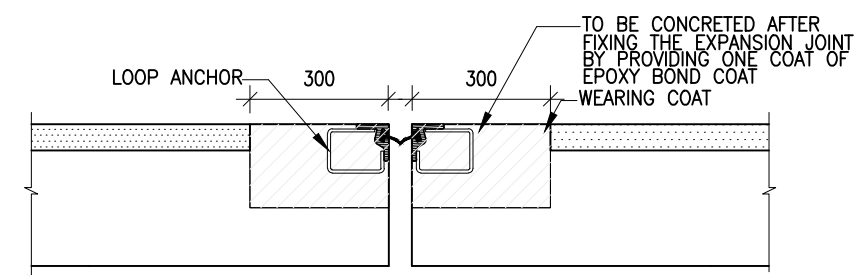


SECTION X-X

DETAILS OF DRAIN SPOUT (SCALE:1:15)



TYPICAL DECK CONTINUITY JOINT DETAIL (DECK CONTINUITY TYPE)
(SCALE 1:10)



TYPICAL EXPANSION JOINT DETAIL (STRIP SEAL TYPE)
(SCALE 1:15)

NOTES:-

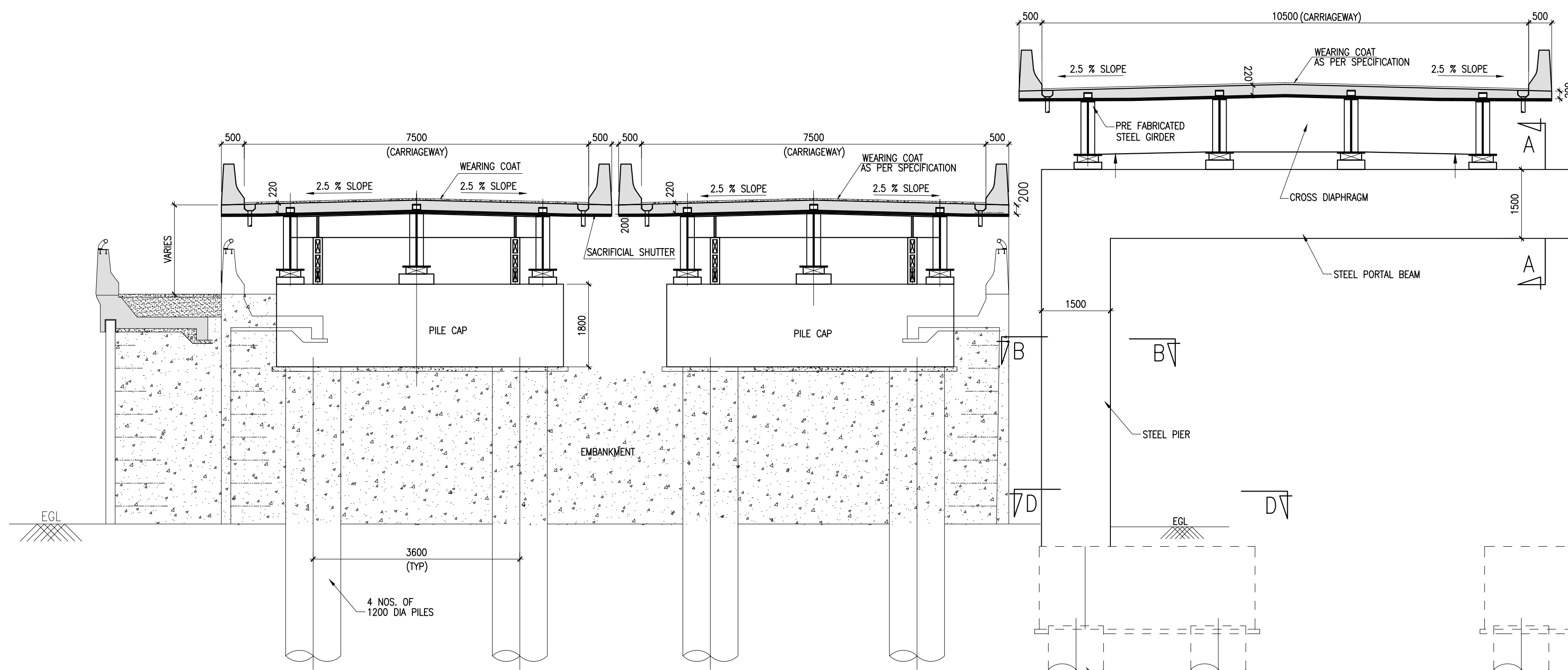
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2. FOLLOW FIGURED DIMENSIONS ONLY.

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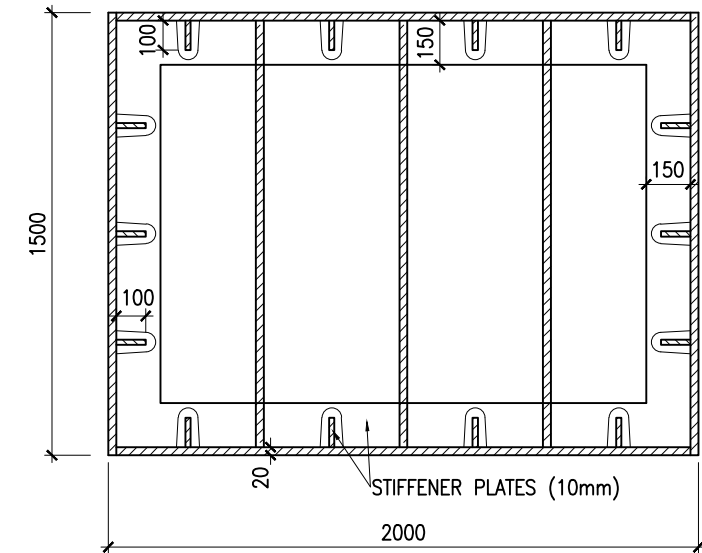
ASST. EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE		EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE		REGISTERED OFFICE : 1004 G RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 http://www.stupco.com		OFFICE OF ORIGIN : 1004 G RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 http://www.stupco.com
ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		OWNER STUP Consultants Pvt. Ltd. BANGALORE DEVELOPMENT AUTHORITY		DATE 03.02.2015
				CONTRACTOR VK		DRAWN KNS
				PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE		PREPARED KNS
				TITLE MISCELLANEOUS DETAILS		CHECKED KNS
				DRG.NO.: DD-11		APPROVED ATS
				REV. R(0)		SCALE: AS SHOWN
				JOB.NO.: 11480/E		
No.	DATE	REVISION	DRAWN	PREPARED	CHECKED	APPROVED

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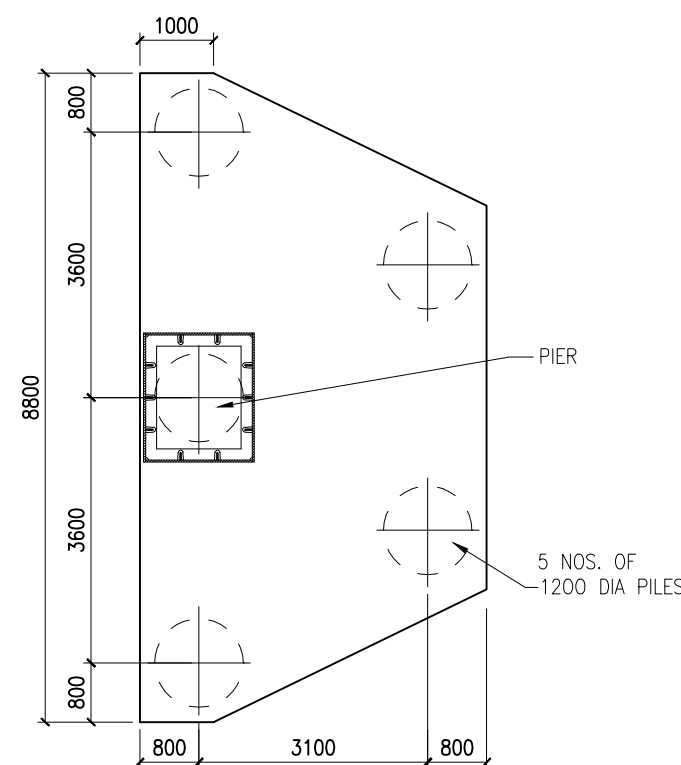
E11486: ELEVATED ROAD BASAVESHWARA CIRCLE TO HEBBAL JUNCTION FINAL DRGS AS ON FEBRUARY 2015 RDD-12 (OPTION-1) DWG



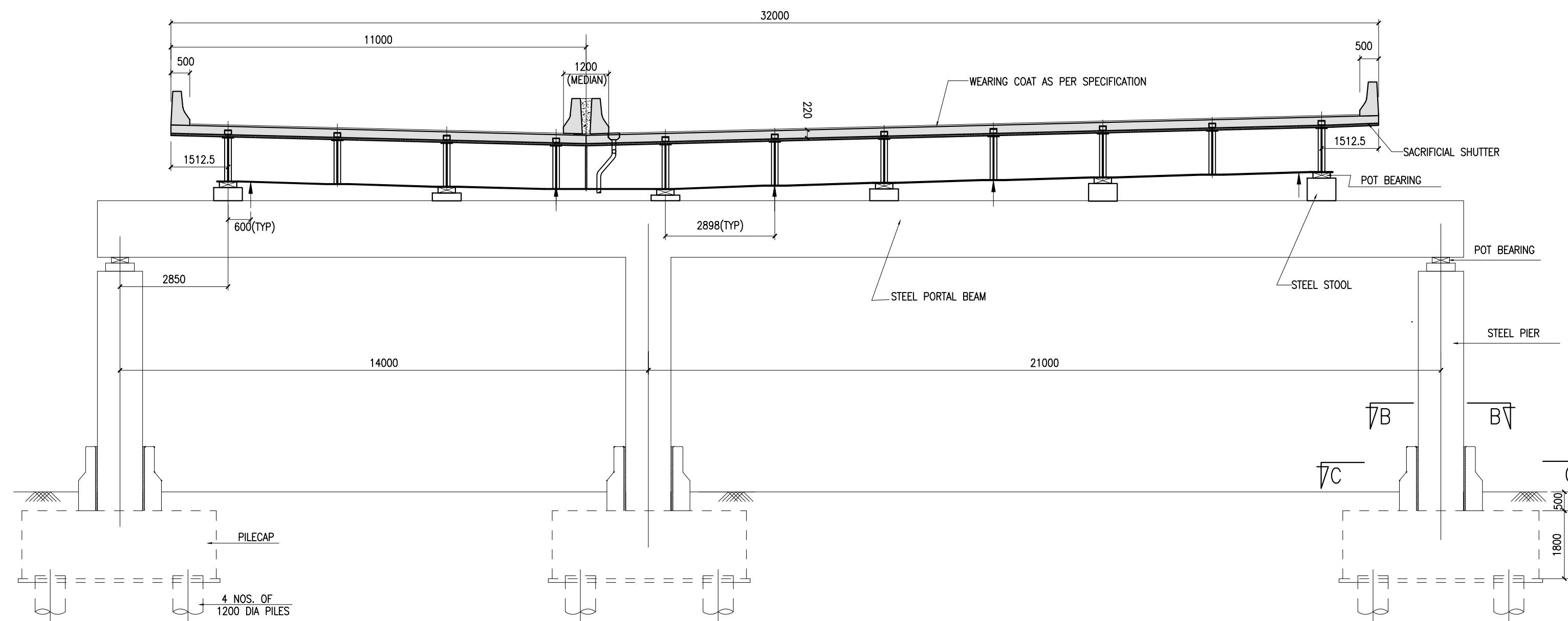
SECTION AT PP13 [OPTION 1]
(THROUGH EMBANKMENT)
(SCALE 1:75)



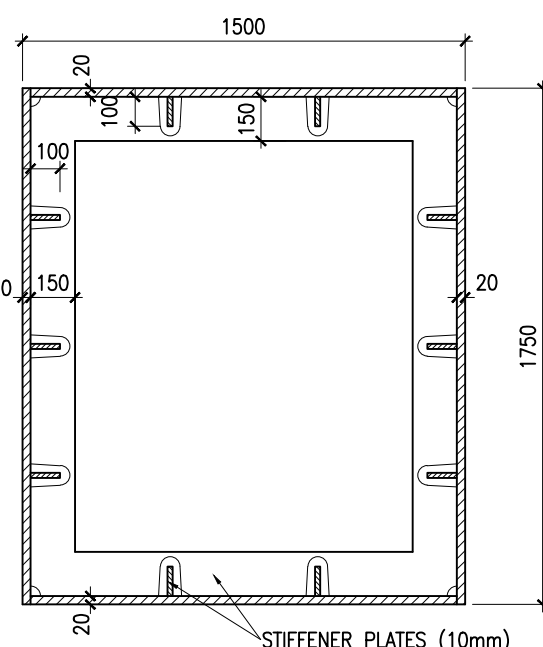
SECTION A-A
PORTAL BEAM
(SCALE 1:25)



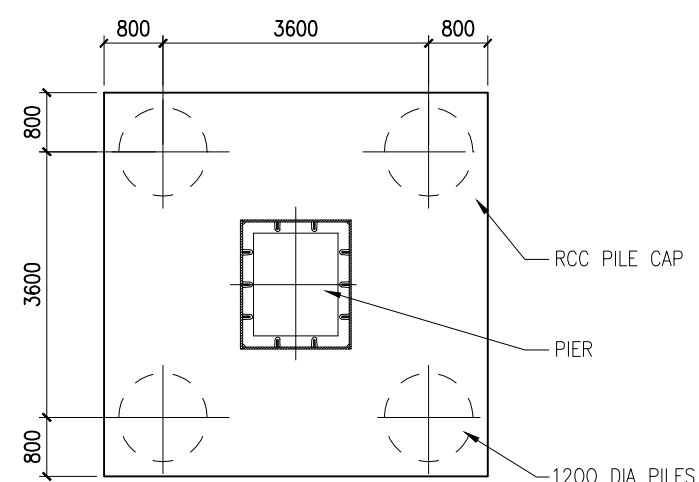
SECTION D-D
(SCALE 1:100)



SECTION AT P244
(VIEW FROM P243)
(SCALE 1:150)



SECTION B-B (PIER)
(SCALE 1:25)



SECTION C-C
(SCALE 1:100)

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FOLLOW FIGURED DIMENSIONS ONLY.
3. GRADE OF CONCRETE FOR DECK SLAB IS M35.
4. GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 500W.

LEGEND :

- 1) EGL - EXISTING GROUND LEVEL..

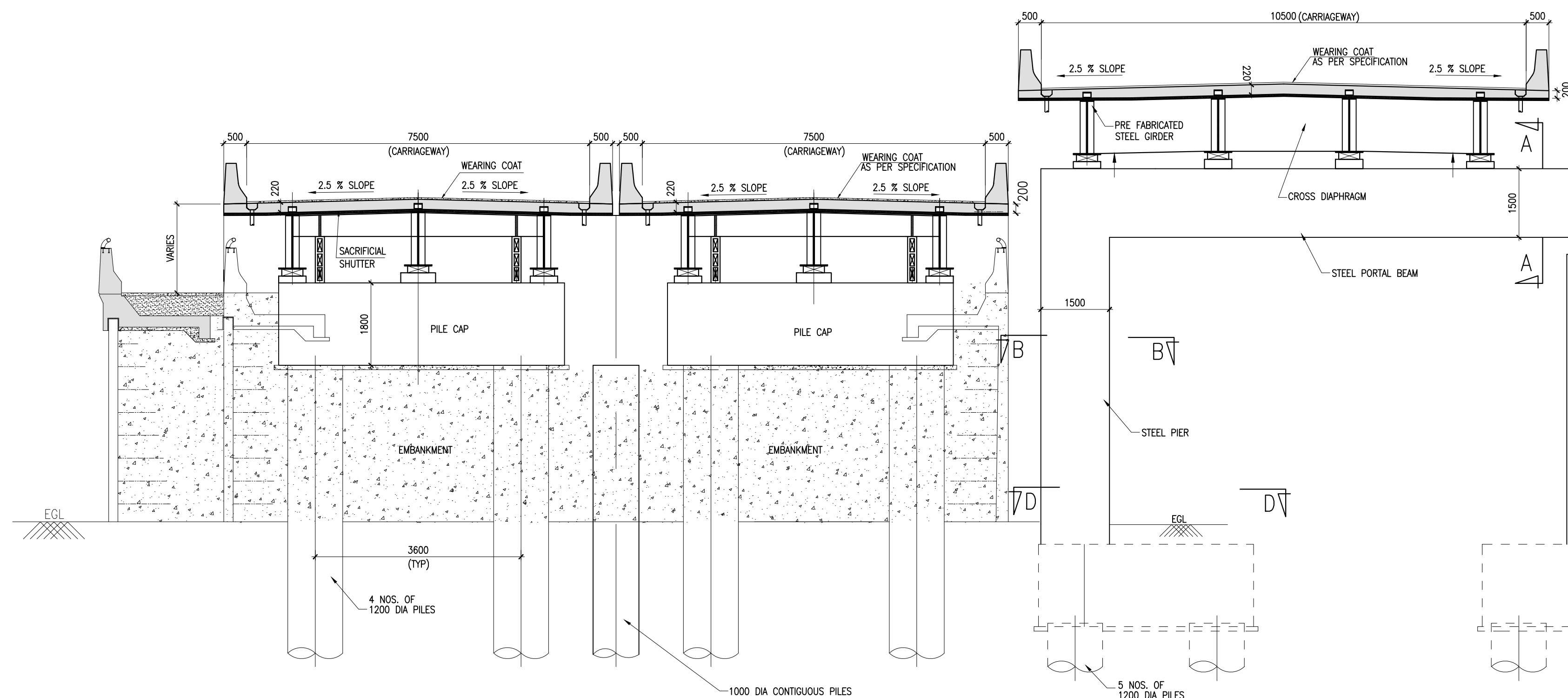
REFERENCE DRG'S :

- 1) RD-20 - CONSTRUCTION OF ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL JUNCTION MAIN FLYOVER PLAN AND PROFILE & GRADE LEVEL PLAN

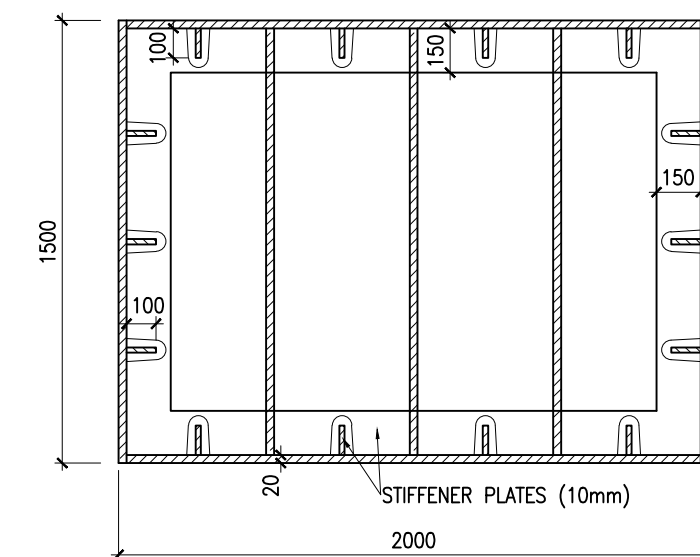
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ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		OWNER BANGALORE DEVELOPMENT AUTHORITY		DATE 03.02.2015	
				CONTRACTOR		DRAWN VK	
				PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE		PREPARED KNS	
				TITLE HEBBAL FLYOVER - PROPOSAL FOR WIDENING OF EXISTING CARRIAGEWAYS CROSS SECTION DETAILS		CHECKED KNS	
				DRG.NO.: DD-12		APPROVED ATS	
				REV: R(0)		JOB.NO.: 11480/E	
				No.		DATE	
				REVISION		SCALE: AS SHOWN	
				DRAWN		DISCLAIMER: ONLY APPROVED AND SIGNED HARD COPIES SHALL BE USED FOR CONSTRUCTION	
				PREPARED			
				CHECKED			
				APPROVED			

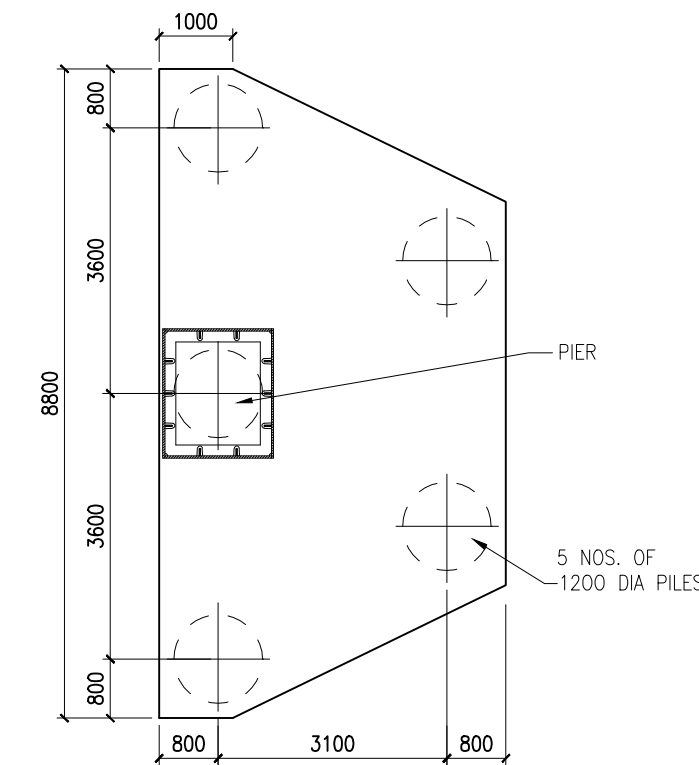
E:\11480- ELEVATED ROAD BASAVESHWARA CIRCLE TO HEBBAL JUNCTION\FINAL DRGS AS ON FEBRUARY 2015\DD-13\OPTION-2\DWG



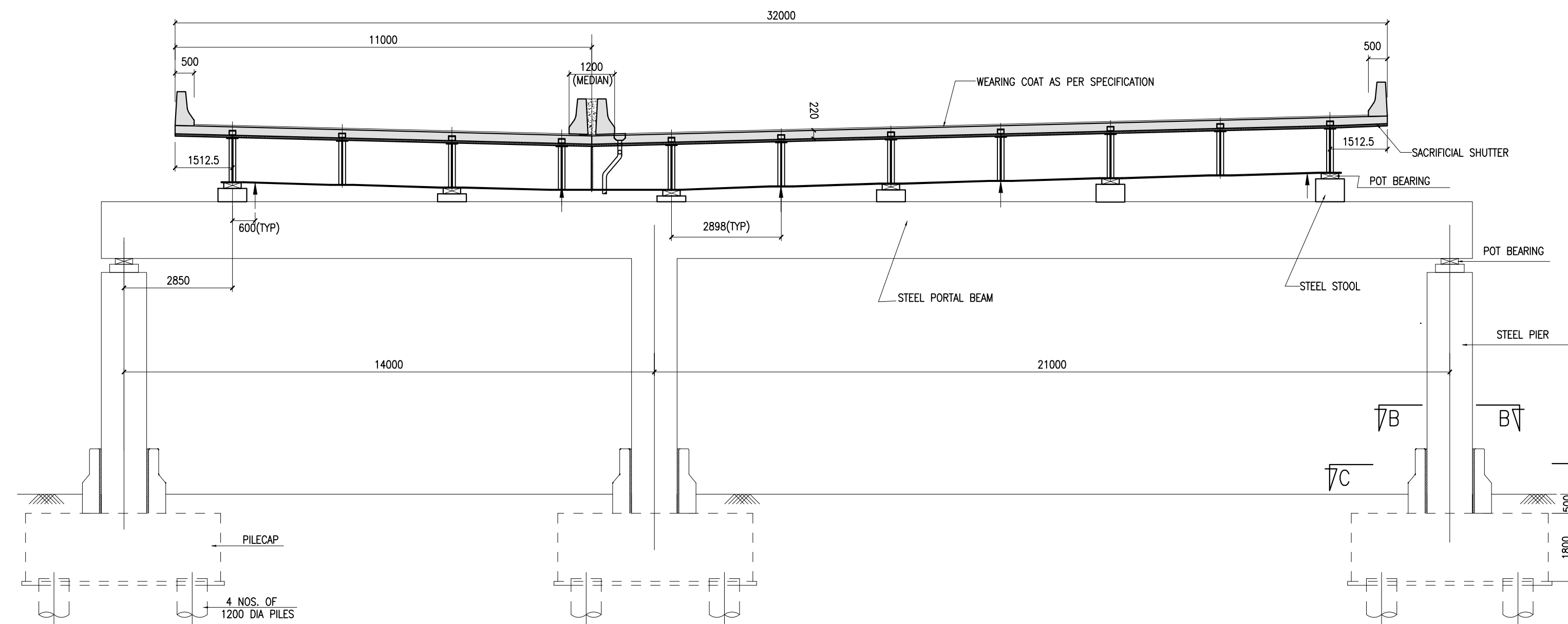
SECTION AT PP13 [OPTION 2]
(THROUGH EMBANKMENT)
(SCALE 1:75)



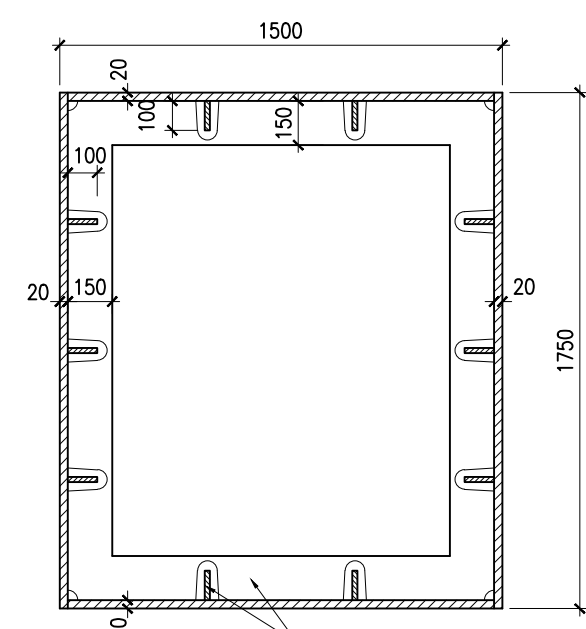
SECTION A-A
PORTAL BEAM
(SCALE 1:25)



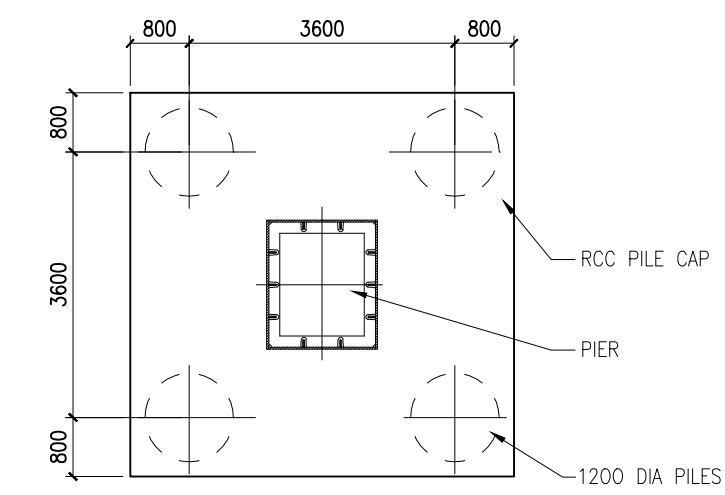
SECTION D-D
(SCALE 1:100)



SECTION AT P244
(VIEW FROM P243)
(SCALE 1:150)



SECTION B-B (PIER)
(SCALE 1:25)



SECTION C-C
(SCALE 1:100)

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES.
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3. GRADE OF CONCRETE FOR DECK SLAB IS M35.
4. GRADE OF STRUCTURAL STEEL IS GRADE B OF Fe 500W.


LEGEND :

- 1) EGL - EXISTING GROUND LEVEL..

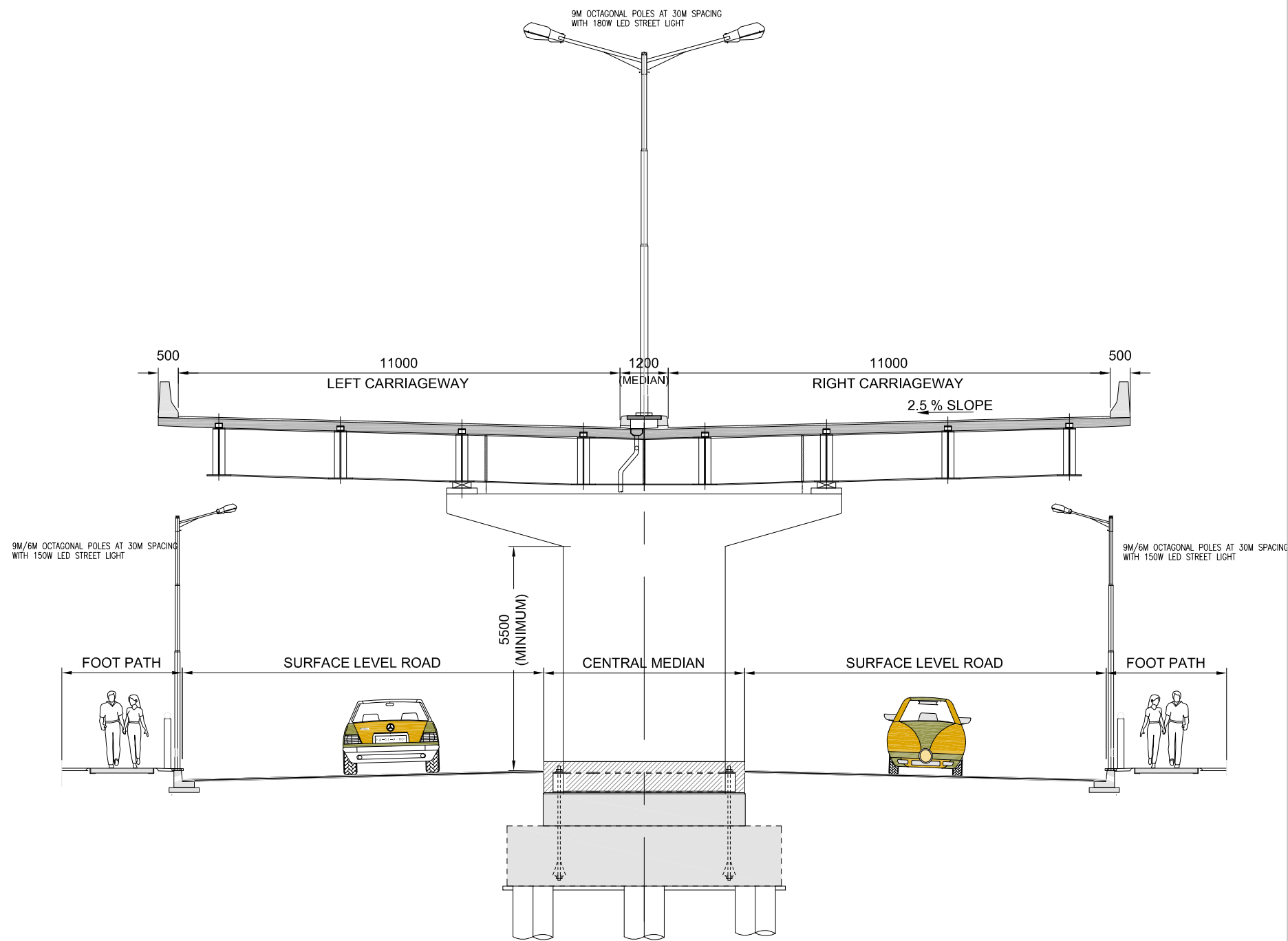
REFERENCE DRG'S :

- 1) RD-20 - CONSTRUCTION OF ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL JUNCTION MAIN FLYOVER PLAN AND PROFILE & GRADE LEVEL PLAN

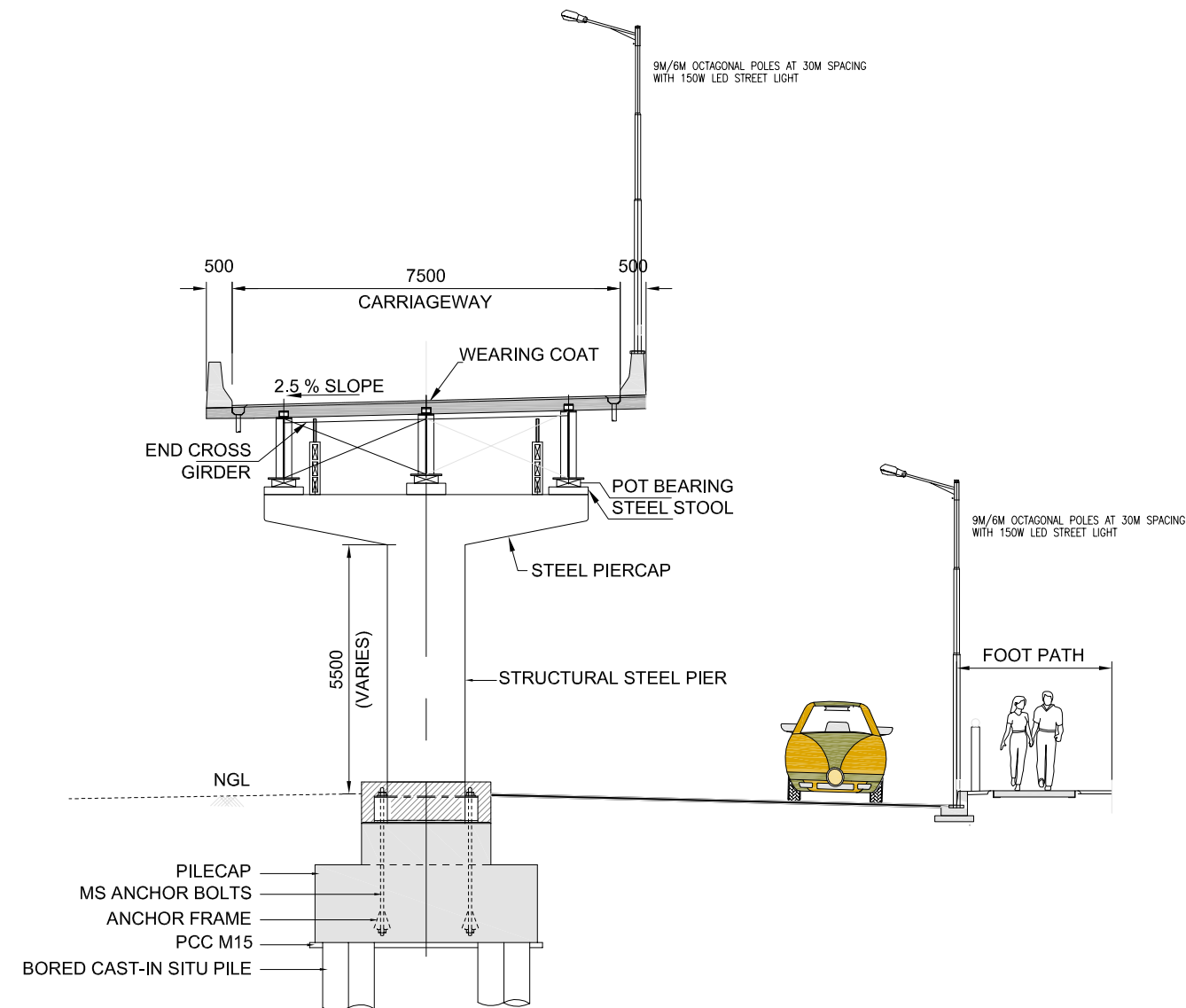
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ASST. EXECUTIVE ENGINEER INFRASTRUCTURE SUB DIVISION-7 BDA, BANGALORE		EXECUTIVE ENGINEER INFRASTRUCTURE DIVISION-3 BDA, BANGALORE		<div>STUP Consultants Pvt. Ltd.</div> <div>1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM</div>		REGISTERED OFFICE :		OFFICE OF ORIGIN :	
						1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM		1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM	
ENGINEER OFFICER-1 BDA, BANGALORE		ENGINEER MEMBER BDA, BANGALORE		<div>BANGALORE DEVELOPMENT AUTHORITY</div>		OWNER		DATE	
						CONTRACTOR		03.02.2015	
				PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE-MERIDAIN HOTEL AND MEKRI CIRCLE IN BANGALORE		DRAWN		DATE	
						VK		03.02.2015	
				TITLE HEBBAL FLYOVER - PROPOSAL FOR WIDENING OF EXISTING CARRIAGEWAYS CROSS SECTION DETAILS		PREPARED		OFFICE OF ORIGIN :	
						KNS		1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM	
				DRG.NO.:		CHECKED		OFFICE OF ORIGIN :	
						KNS		1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM	
				REV.		APPROVED		OFFICE OF ORIGIN :	
						R(0)		1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM	
				JOB.NO.:		SCALE:		OFFICE OF ORIGIN :	
						11480/E		1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM	
No.		DATE		REVISION		DRAWN		OFFICE OF ORIGIN :	
						PREPARED		1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM	
						CHECKED		OFFICE OF ORIGIN :	
						APPROVED		1004-S RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021 TEL: 022-40000000 WWW.STUPCONSULTANTS.COM	
						SCALE:		OFFICE OF ORIGIN :	
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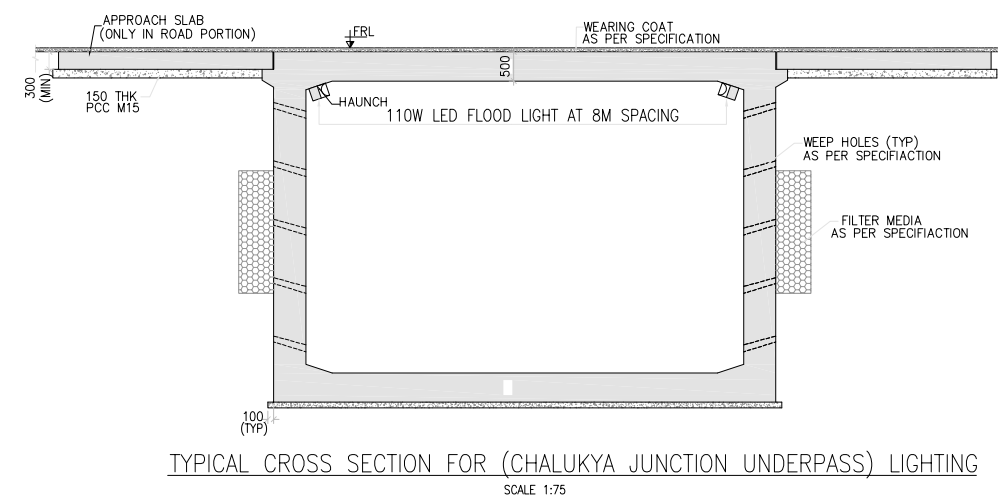
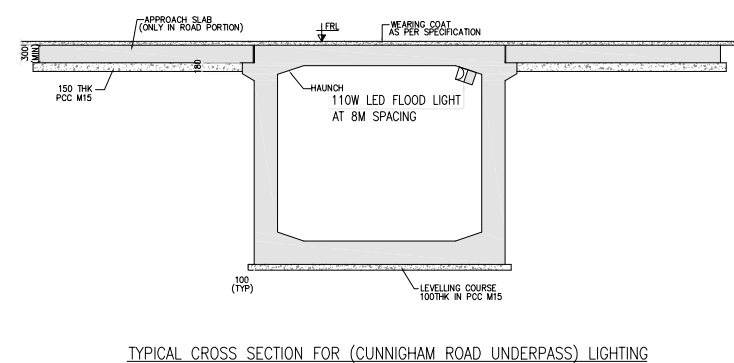
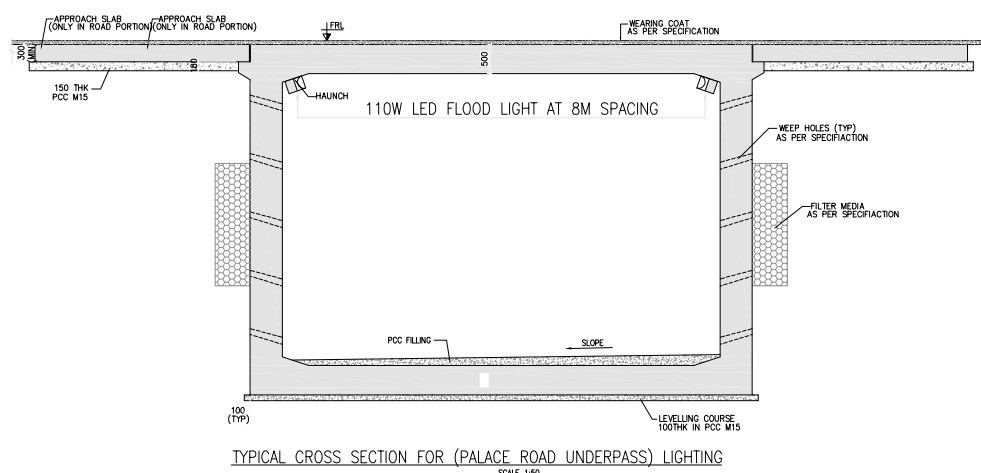
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TYPICAL STREET LIGHTING ARRANGEMENT FOR MAIN FLYOVER
(INDICATIVE)



TYPICAL STREET LIGHTING ARRANGEMENT FOR RAMP PORTION
(INDICATIVE)



- NOTES :
1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE MENTIONED.
 2. THIS DRAWING HAS TO BE READ IN CONJUNCTION WITH THE DRAWING RD-20 : CONSTRUCTION OF ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL JUNCTION MAIN FLYOVER PLAN AND PROFILE & GRADE LEVEL PLAN
 3. FOR DIMENSIONS AND DETAILS OF STRUCTURES, REFER STRUCTURAL DRAWINGS.
 4. OPENINGS SUITABLY ALIGNED TO BE PROVIDED IN THE SLEEVE / LIGHTING POLE TO FACILITATE CARRYING OF COPPER CABLES THROUGH THE SHORT 50 mm CONDUIT /SLEEVE / POLE FROM THE JUNCTION BOX / MCB TO THE LUMINAIRE MOUNTED AT THE POLE
 5. JUNCTION BOXES SHALL BE MOUNTED ON ONE SIDE OF THE POLE (NOT AT THE FRONT) TO HAVE ADEQUATE DEPTH AND FACILITATE CARRYING THE THROUGH 75 mm DIA PIPE / 25x6 mm GI STRIP
 6. ALL JUNCTION BOXES SHALL BE EARTHED BY 2 Nos. 8 SWG GI WIRES TO THE MAIN 25 x 6 mm GI EARTH STRIP
 7. SIZE OF JUNCTION BOX SHALL SUIT SITE CONDITIONS.
 8. EARTHING FOR ALL LIGHTING POLES SHALL BE OF COIL TYPE BY 8 SWG GI WIRE.
 9. POLE HEIGHTS MENTIONED REFLECT MOUNTING HEIGHTS FROM GROUND /ROAD LEVEL

LEGEND :

ASST. EXECUTIVE ENGINEER
INFRASTRUCTURE SUB DIVISION-7
BDA, BANGALORE

EXECUTIVE ENGINEER
INFRASTRUCTURE DIVISION-3
BDA, BANGALORE

ENGINEER OFFICER-1
BDA, BANGALORE

ENGINEER MEMBER
BDA, BANGALORE

RO	24-09-15	FOR TENDER	DYP	DYP	SCM	KNN
No.	DATE	REVISION	DRAWN	PREPARED	CHECKED	APPROVED

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REGISTERED OFFICE : 1004-5 RAHEJA CHAMBERS, HARMAVAH POKH, MUMBAI-400 021 http://www.stupconsultants.com		OFFICE OF ORIGIN : "GOLDEN ENCLAVE", HALADKOPUR ROAD, BANGALORE-560 017 http://www.stupconsultants.com
OWNER BANGALORE DEVELOPMENT AUTHORITY	DATE 24-09-2015	
CONTRACTOR	DRAWN DYP	
PROJECT CONSTRUCTION OF SIX LANE ELEVATED ROAD FROM BASAVESHWARA CIRCLE TO HEBBAL FLYOVER VIA LE MERIDIAN HOTEL AND MEKHRI CIRCLE IN BANGALORE	PREPARED DYP	
TITLE TYPICAL STREET LIGHTING ARRANGEMENT	CHECKED SCM	
DRG.NO. ED-01	REV R(0)	JOB.NO. 11480/E
		SCALE NTS

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