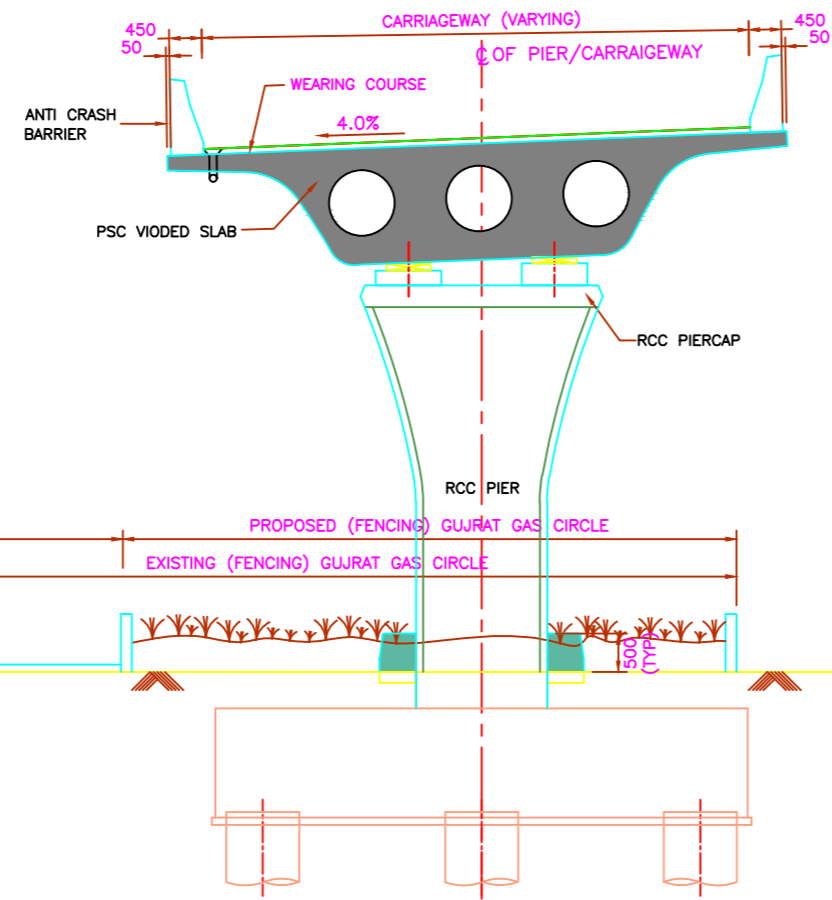
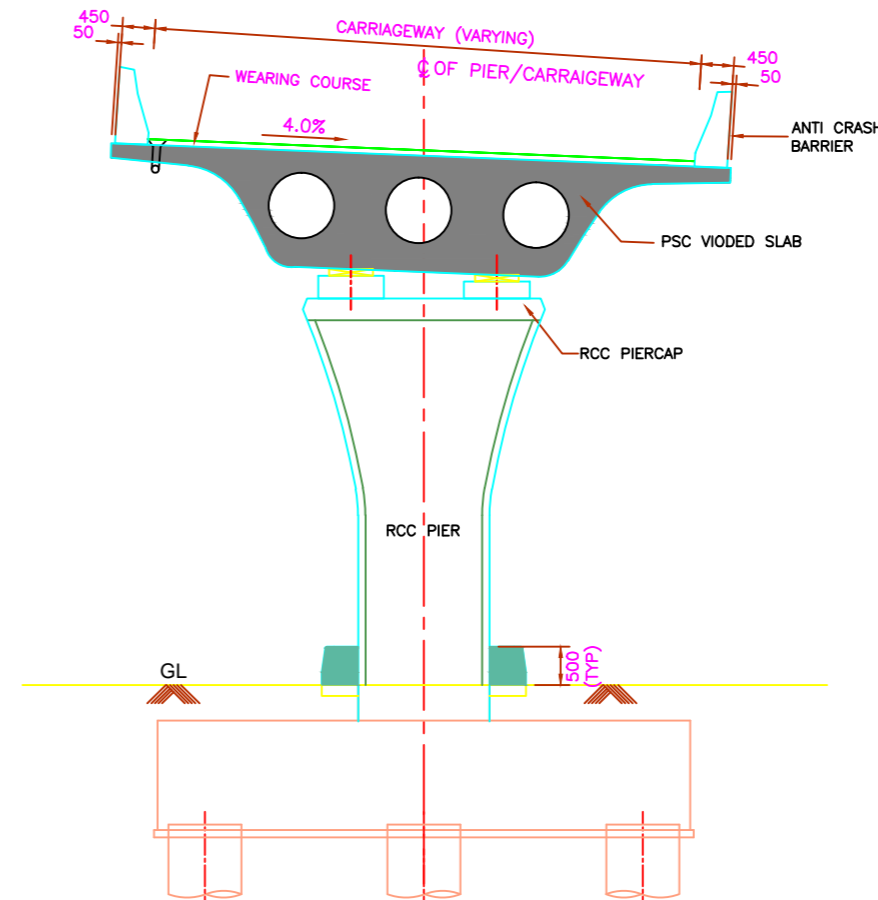


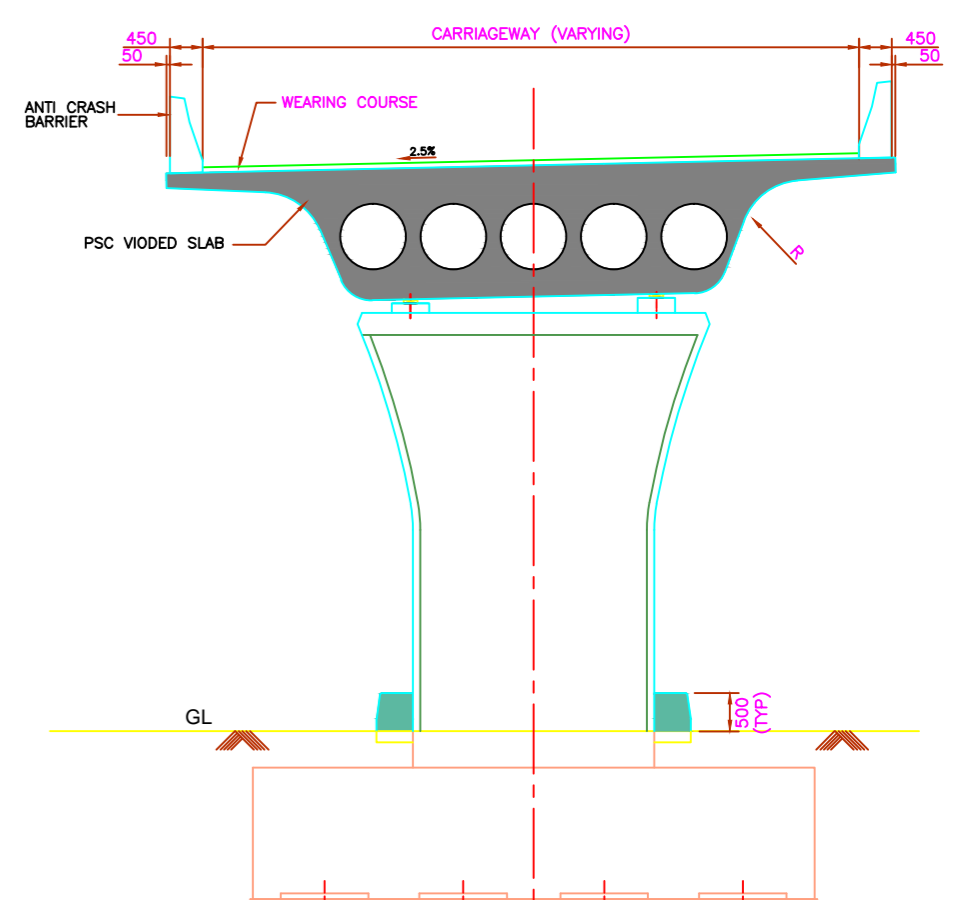
SECTION C-C AT OBLIGATORY SPAN
STRUCTURE-1



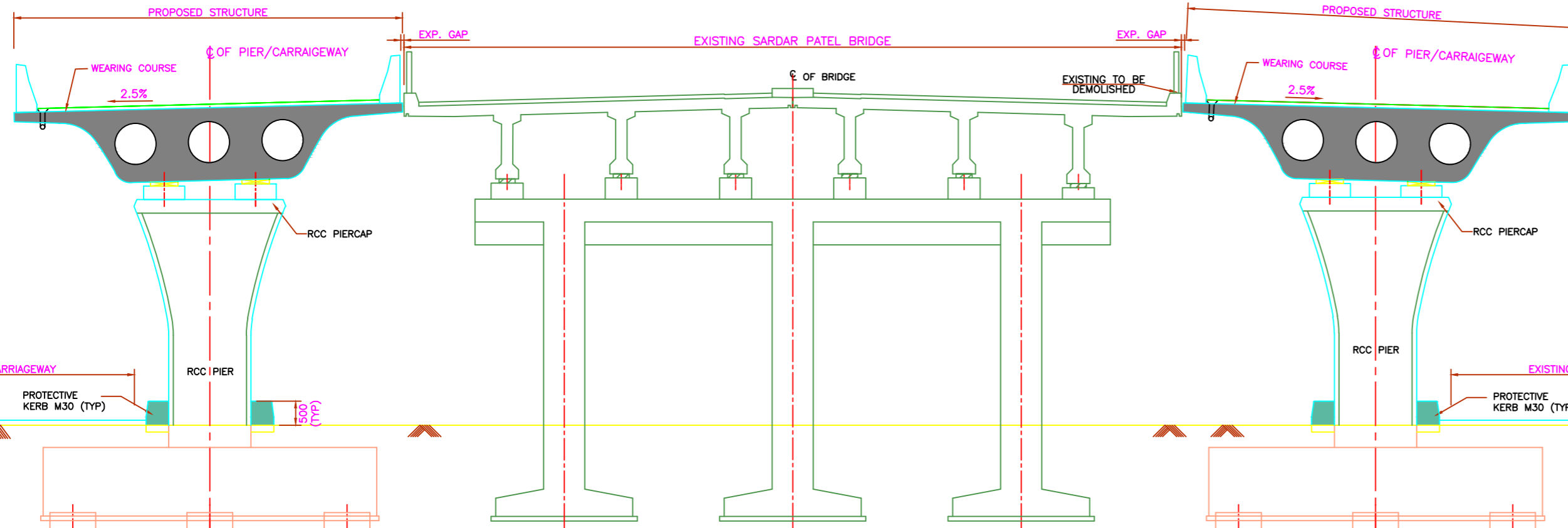
SECTION C-C AT OBLIGATORY SPAN
STRUCTURE-2



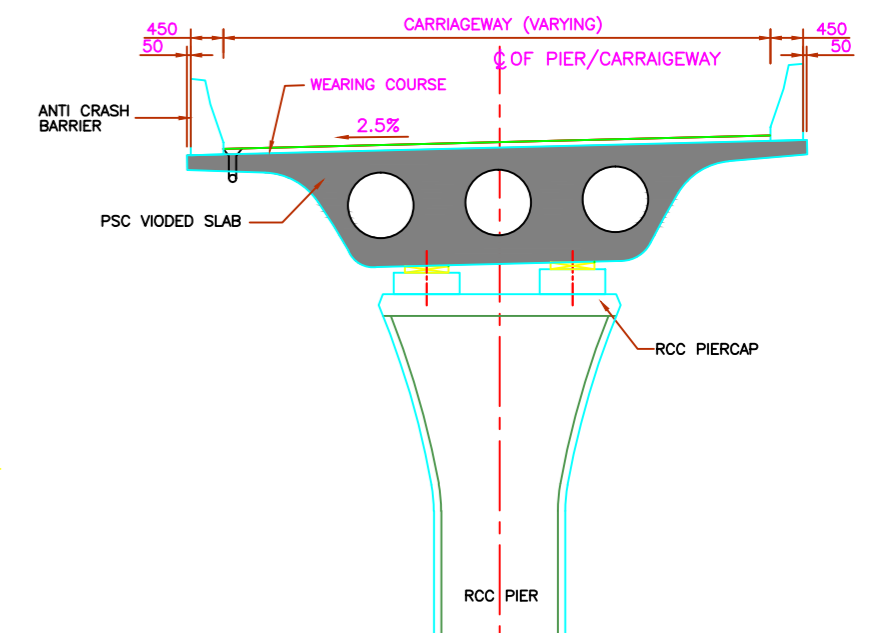
SECTION B-B AT OBLIGATORY SPAN
STRUCTURE-1



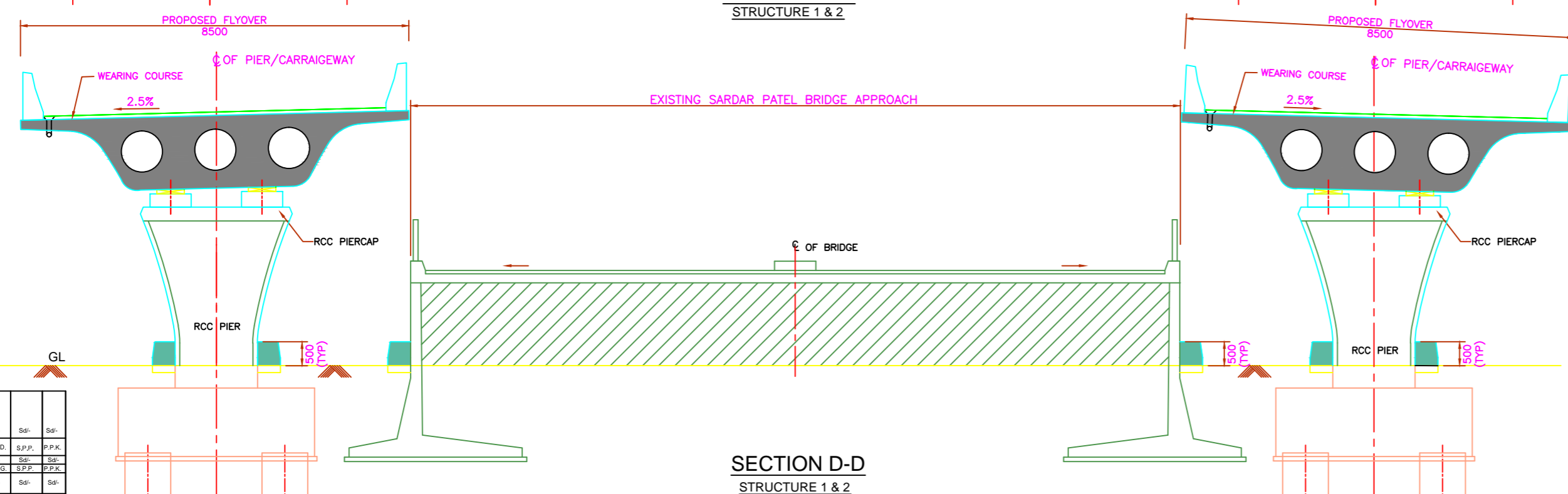
SECTION G-G AT (PIER (1P16))



SECTION E-E
STRUCTURE 1 & 2



SECTION F-F AT OBLIGATORY SPAN
STRUCTURE-3



SECTION D-D
STRUCTURE 1 & 2

| | | | | | |
|----|----------|--|--------|--------|--------|
| R4 | 12-10-10 | GAD OF BRIDGE IS MODIFIED AS PER THE REVISED GROUND LEVELS & PRL'S OF S.P. BRIDGE AS INFORMED BY SMC VICE LETTER NO BRIDGE CELL/OUT/1232 DATED 29-09-2010 | S.P.D. | S.P.P. | P.P.K. |
| R3 | 01-09-10 | MODIFIED LENGTH OF APPROACH OF STRUCTURE-1, MODIFIED. | S.E. | S.P. | P.P.K. |
| R2 | 01-12-09 | L-SEC REVISED FOR STRUCTURE-2 | S.C.G. | S.P.P. | P.P.K. |
| R1 | 21-08-09 | CARRIAGEWAY WIDTH MODIFIED FOR ALL STRUCTURES FROM 7.2M TO 7.5M AS APPROVED BY SMC ON 20/11/09 | S.C.G. | HEMANT | P.P.K. |
| R0 | 14-08-07 | R.E. WALL REPLACED WITH R.C.C. WALL, PILE FOUNDATION MODIFIED, ALIGNMENT SHIFTED ON ANAND MAHEL SIDE & OTHER MODIFICATIONS AS DISCUSSED WITH COMMISSIONER & SMC OFFICERS ON 21-08-2009 | S.E. | S.P. | P.P.K. |
| P1 | 28-05-07 | GENERAL ARRANGEMENT MODIFIED AS PER SMC'S LETTER NO. 332 DATED 17-05-07. | M.V.D. | P.P.K. | S.V.D. |

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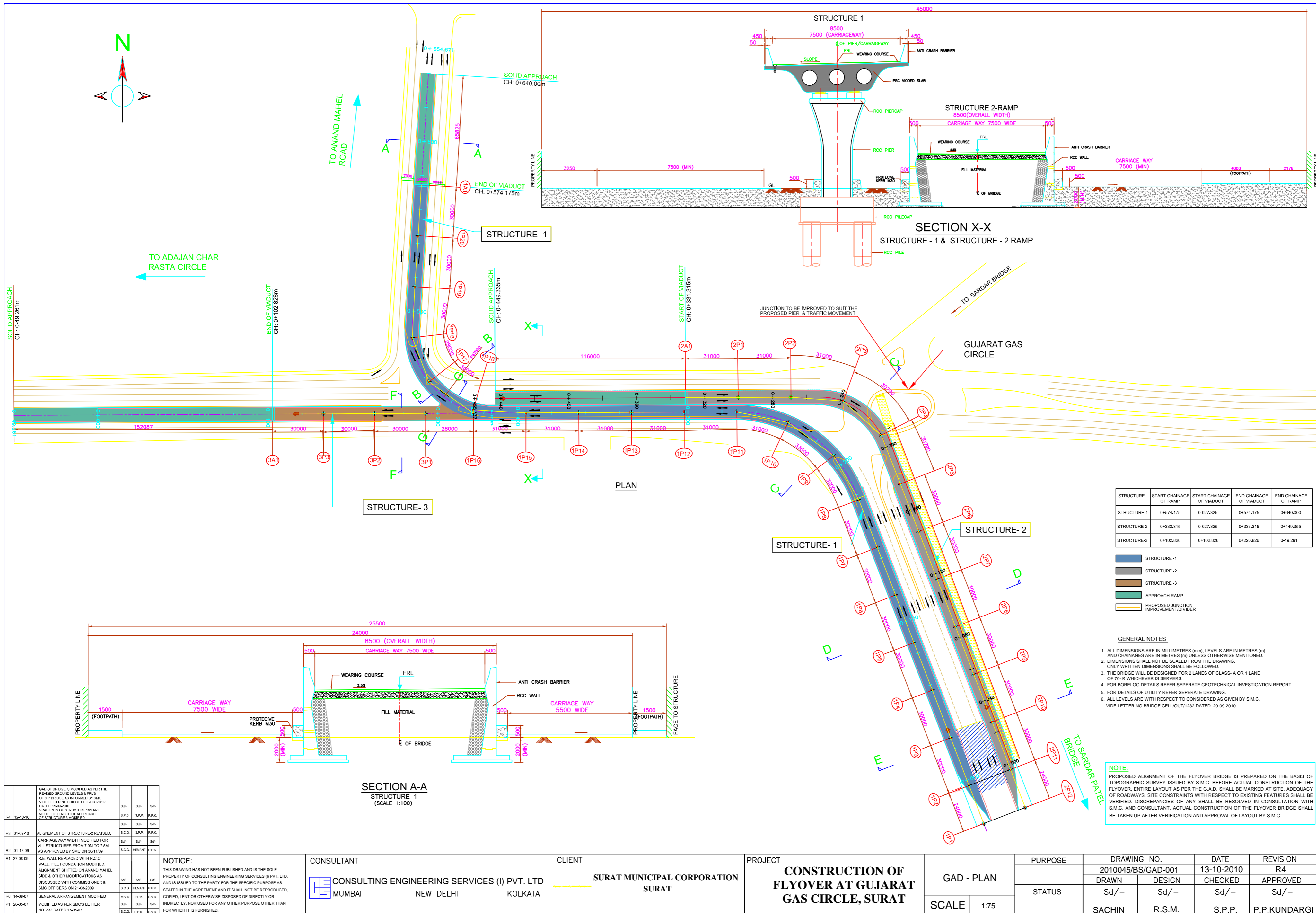
CLIENT
SURAT MUNICIPAL CORPORATION
SURAT

PROJECT
CONSTRUCTION OF
FLYOVER AT GUJARAT
GAS CIRCLE, SURAT

GAD - CROSS SECTIONS
SCALE 1:1000

| PURPOSE | DRAWING NO. | DATE | REVISION |
|--------------|--------------------|------------|--------------|
| CONSTRUCTION | 2010045/BS/GAD-003 | 13-10-2010 | R4 |
| STATUS | Sd/- | Sd/- | APPROVED |
| APPROVAL | SACHIN R.S.M. | S.P.P. | P.P.KUNDARGI |

REFERENCE DRAWINGS:
1. LAYOUT PLAN DRG. No. 2010045/BS/GAD-001
2. GENERAL ARRANGEMENT DRAWING- DRG. No. 2010045/BS/GAD-002.



| STRUCTURE | START CHAINAGE OF RAMP | START CHAINAGE OF VIADUCT | END CHAINAGE OF VIADUCT | END CHAINAGE OF RAMP |
|-------------|------------------------|---------------------------|-------------------------|----------------------|
| STRUCTURE-1 | 0+574.175 | 0+027.325 | 0+574.175 | 0+640.000 |
| STRUCTURE-2 | 0+333.315 | 0+027.325 | 0+333.315 | 0+448.355 |
| STRUCTURE-3 | 0+102.826 | 0+102.826 | 0+220.826 | 0+49.261 |

| | |
|--|---------------------------------------|
| | STRUCTURE-1 |
| | STRUCTURE-2 |
| | STRUCTURE-3 |
| | APPROACH RAMP |
| | PROPOSED JUNCTION IMPROVEMENT/DIVIDER |

- GENERAL NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES (mm). LEVELS ARE IN METRES (m) AND CHAINAGES ARE IN METRES (m) UNLESS OTHERWISE MENTIONED.
 - DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 - THE BRIDGE WILL BE DESIGNED FOR 2 LANES OF CLASS-A OR 1 LANE OF D-R WHICHEVER IS SERVERS.
 - FOR SORELOG DETAILS REFER SEPERATE GEOTECHNICAL INVESTIGATION REPORT
 - FOR DETAILS OF UTILITY REFER SEPERATE DRAWING.
 - ALL LEVELS ARE WITH RESPECT TO CONSIDERED AS GIVEN BY S.M.C. VIDE LETTER NO BRIDGE CELL/OUT/1232 DATED, 29-09-2010

NOTE:
 PROPOSED ALIGNMENT OF THE FLYOVER BRIDGE IS PREPARED ON THE BASIS OF TOPOGRAPHIC SURVEY ISSUED BY S.M.C. BEFORE ACTUAL CONSTRUCTION OF THE FLYOVER. ENTIRE LAYOUT AS PER THE G.A.D. SHALL BE MARKED AT SITE. ADEQUACY OF ROADWAYS, SITE CONSTRAINTS WITH RESPECT TO EXISTING FEATURES SHALL BE VERIFIED. DISCREPANCIES OF ANY SHALL BE RESOLVED IN CONSULTATION WITH S.M.C. AND CONSULTANT. ACTUAL CONSTRUCTION OF THE FLYOVER BRIDGE SHALL BE TAKEN UP AFTER VERIFICATION AND APPROVAL OF LAYOUT BY S.M.C.

| | | | | | |
|----|----------|--|--------|--------|--------|
| R4 | 12-10-10 | GAD OF BRIDGE IS MODIFIED AS PER THE REVISED GROUND LEVELS & FRL'S OF S.P.BRIDGE AS INFORMED BY SMC VIDE LETTER NO BRIDGE CELL/OUT/1232 DATED, 29-09-2010. DIMENSIONS OF STRUCTURE HAS BEEN MODIFIED. LENGTH OF APPROACH OF STRUCTURE-1 IS MODIFIED. | S.P. | S.P. | S.P. |
| R3 | 01-09-10 | ALIGNMENT OF STRUCTURE-2 REVISD. | S.C.G. | S.P.P. | P.P.K. |
| R2 | 01-12-09 | CARRIAGEWAY WIDTH MODIFIED FOR ALL STRUCTURES FROM 7.0M TO 7.5M AS APPROVED BY SMC ON 30/11/09 | S.C.S. | HEMANT | P.P.K. |
| R1 | 27-08-09 | R.E. WALL REPLACED WITH R.C.C. WALL. PILE FOUNDATION MODIFIED. ALIGNMENT SHIFTED ON ANAND MAHEL SIDE & OTHER MODIFICATIONS AS DISCUSSED WITH COMMISSIONER & SMC OFFICERS ON 21-08-2009 | S.P. | S.P. | S.P. |
| R0 | 14-08-07 | GENERAL ARRANGEMENT MODIFIED | M.V.D. | P.P.K. | S.V.D. |
| P1 | 28-05-07 | MODIFIED AS PER SMC'S LETTER NO. 332 DATED 17-05-07. | S.P. | S.P. | S.P. |

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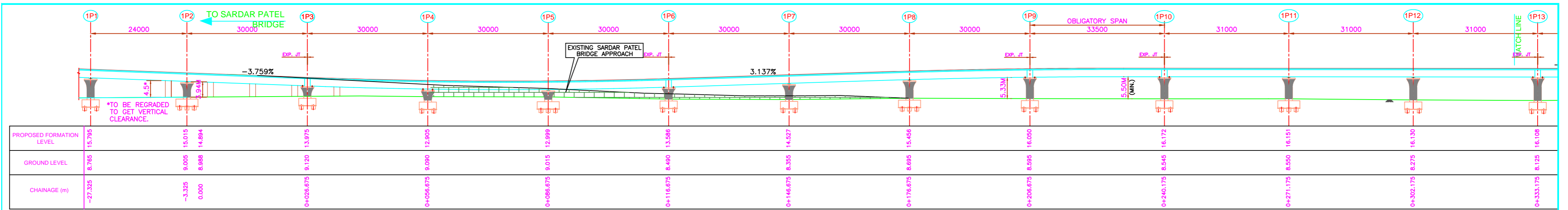
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CLIENT
 SURAT MUNICIPAL CORPORATION
 SURAT

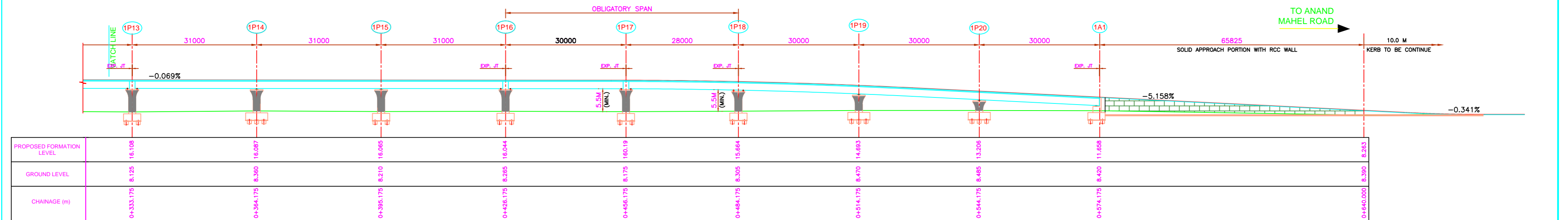
PROJECT
 CONSTRUCTION OF FLYOVER AT GUJARAT GAS CIRCLE, SURAT

GAD - PLAN
 SCALE 1:75

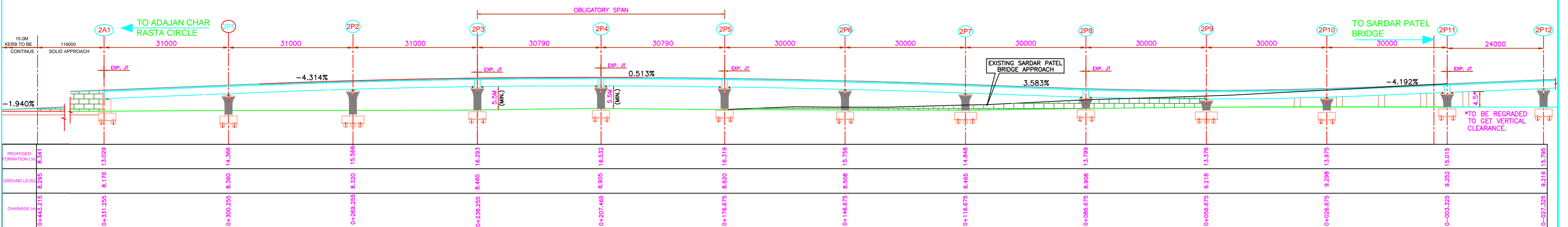
| PURPOSE | DRAWING NO. | DATE | REVISION |
|---------|--------------------|------------|--------------|
| | 2010045/BS/GAD-001 | 13-10-2010 | R4 |
| | DRAWN DESIGN | CHECKED | APPROVED |
| STATUS | Sd/- Sd/- | Sd/- | Sd/- |
| | SACHIN R.S.M. | S.P.P. | P.P.KUNDARGI |



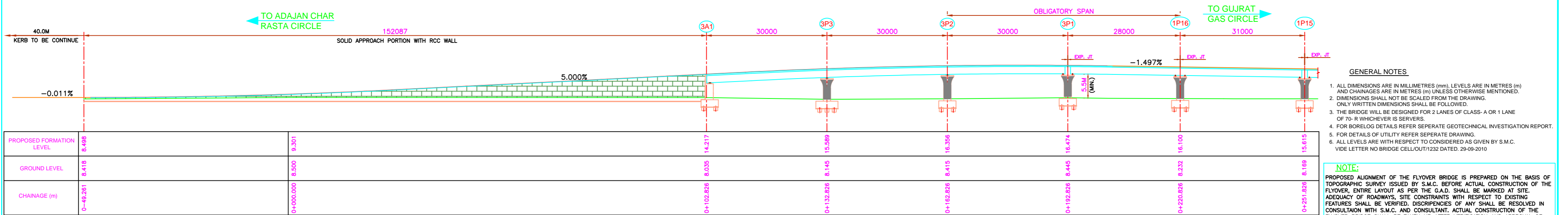
LONGITUDINAL ELEVATION AT STRUCTURE- 1



LONGITUDINAL ELEVATION AT STRUCTURE- 1



LONGITUDINAL ELEVATION AT STRUCTURE- 2



LONGITUDINAL ELEVATION AT STRUCTURE- 3

- GENERAL NOTES**
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 - FOR BORELOO DETAILS REFER SEPERATE GEOTECHNICAL INVESTIGATION REPORT.
 - FOR DETAILS OF UTILITY REFER SEPERATE DRAWING.
 - ALL LEVELS ARE WITH RESPECT TO CONSIDERED AS GIVEN BY S.M.C. VIDE LETTER NO BRIDGE CELL/OUT/1232 DATED. 29-09-2010
- NOTE:**
PROPOSED ALIGNMENT OF THE FLYOVER BRIDGE IS PREPARED ON THE BASIS OF TOPOGRAPHIC SURVEY ISSUED BY S.M.C. BEFORE ACTUAL CONSTRUCTION OF THE FLYOVER, ENTIRE LAYOUT AS PER THE G.A.D. SHALL BE MARKED AT SITE. ADEQUACY OF ROADWAYS, SITE CONSTRAINTS WITH RESPECT TO EXISTING FEATURES SHALL BE VERIFIED. DISCREPANCIES OF ANY SHALL BE RESOLVED IN CONSULTATION WITH S.M.C. AND CONSULTANT. ACTUAL CONSTRUCTION OF THE FLYOVER BRIDGE SHALL BE TAKEN UP AFTER VERIFICATION AND APPROVAL OF LAYOUT BY S.M.C.

| | | | | | |
|----|----------|--|--------|--------|--------|
| R4 | 12-10-10 | GAD OF BRIDGE IS MODIFIED AS PER THE REVISED GROUND LEVEL & P.F.S OF S.P BRIDGE AS INFORMED BY SMC VIDE LETTER NO BRIDGE CELL/OUT/1232 DATED: 29-09-2010 | S.P.D. | S.P.P. | P.F.K. |
| R3 | 01-08-10 | L-SEC REVISED FOR STRUCTURE-2 | S.P. | S.P.P. | S.P. |
| R2 | 01-12-09 | CARRIAGEWAY WIDTH MODIFIED FOR ALL STRUCTURES FROM 7.0M TO 7.5M AS APPROVED BY SMC ON 30/11/09 | S.C.S. | S.P.P. | S.P. |
| R1 | 27-08-09 | R.E. WALL REPLACED WITH R.C.C. WALL. FILE FOUNDATION MODIFIED. ALIGNMENT SHIFTED ON ANAND MAHAL SIDE & OTHER MODIFICATIONS AS DISCUSSED WITH COMMISSIONER & SMC OFFICERS ON 21-08-2009 | S.P. | S.P. | S.P. |
| R0 | 14-06-07 | GENERAL ARRANGEMENT MODIFIED | M.V.D. | P.F.K. | S.V.D. |
| P1 | 28-05-07 | MODIFIED AS PER SMC'S LETTER NO. 332 DATED 17-05-07. | S.P. | S.P. | S.P. |

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SURAT

PROJECT
CONSTRUCTION OF FLYOVER AT GUJARAT GAS CIRCLE, SURAT

GAD- LONGITUDINAL ELEVATION
SCALE 1:150

| PURPOSE | DRAWING NO. | DATE | REVISION |
|--------------|--------------------|------------|--------------|
| CONSTRUCTION | 2010045/BS/GAD-002 | 13-10-2010 | R4 |
| STATUS | DESIGN | CHECKED | APPROVED |
| APPROVAL | Sd/- | Sd/- | Sd/- |
| | SACHIN | R.S.M. | S.P.P. |
| | | | P.P.KUNDARGI |