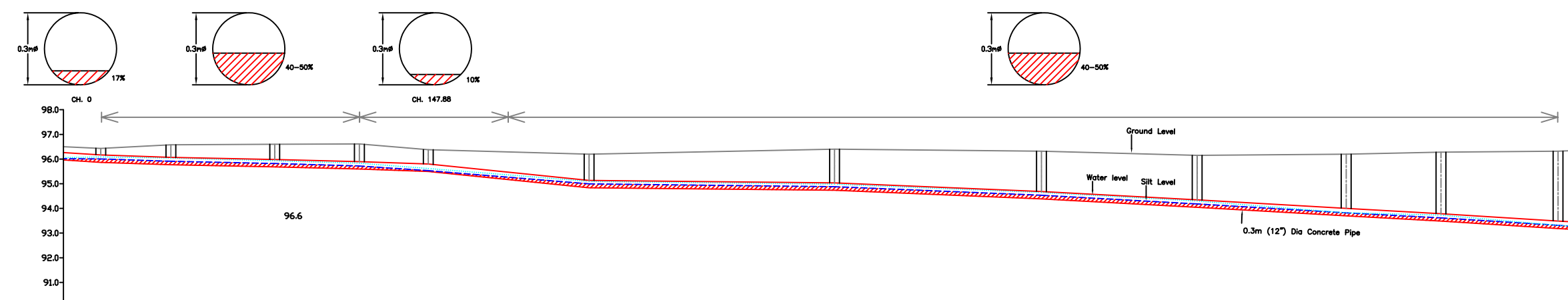


PLAN



L-SECTION

GROUND LEVEL	96.5	96.43	96.58	96.6	96.615	96.38	96.2	96.4	96.32	96.15	96.2	96.28	96.32
WATER LEVEL LOOSE DEPOSIT	96.062	96.088	96.044	95.935	95.834	95.62	95.098	94.986	94.649	94.302	93.825	93.73	93.315
SEWER TOP LEVEL	96.284	96.167	96.07	95.982	95.895	95.798	95.135	95.034	94.685	94.345	94.0	93.784	93.485
SILT LEVEL	96.005	96.005	95.911	95.82	95.72	95.53	94.995	94.88	94.533	94.181	93.82	93.615	93.315
MANHOLE IL	95.964	95.867	95.77	95.682	95.595	95.498	94.835	94.734	94.385	94.045	93.7	93.484	93.185
SEWER SIZE/DIA	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300
MANHOLE ID	EA1/1	EA1/2	EA1/3	EA1/4	EA1/5	EA1/6	EA1/7	EA1/8	EA1/9	EA1/10	EA1/11	EA1/12	EA1/13
CHAINAGE (M)	0.0	15.15	43.57	85.64	119.96	147.88	213.07	312.56	396.43	459.53	519.95	558.38	605.83

- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS
- LEGEND**
- PROPOSED SEWER LINE
 - PROPOSED RISING MAIN
 - ROAD EDGE
 - UNDERGROUND LINES
 - CULVERT/BRIDGE
 - HANDPUMP
 - ELECTRIC POLE
 - ELECTRIC LINE
 - TELEPHONE POLE
 - TELEPHONE LINE
 - TRANSFORMER
 - OFC PILLAR
 - KILOMETER POST
 - TREE
 - HECTOMETER POST
 - LAMP POST
 - RAILWAY LINE
 - NALA
 - WATER MAIN
 - EXISTING SEWER
 - TRENCHLESS TECHNOLOGY
 - NALA CROSSING
 - RAILWAY LINE CROSSING
 - % OF SILT DEPOSITION
- REFERENCE DRAWING:**

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV NO.	0	1	2	3	4
REV.					
DESCRIPTION OF REVISIONS					
DATE					
CHECKED BY:	R.MITTAL	APPROVED BY: D.SARKAR			
CHECK					
DRAWN	S.MITRA	APPROVE			
DESIGNED	ANESH	SCALE	H=1:1000	V=1:100	
SURVEYED	S.SHARMA	DATE	03-01-05		

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS:
TEC TOKYO ENGINEERING CONSULTANTS CO., LTD.
CTI ENGINEERING INTERNATIONAL CO., LTD.
STUP CONSULTANTS LTD.

PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

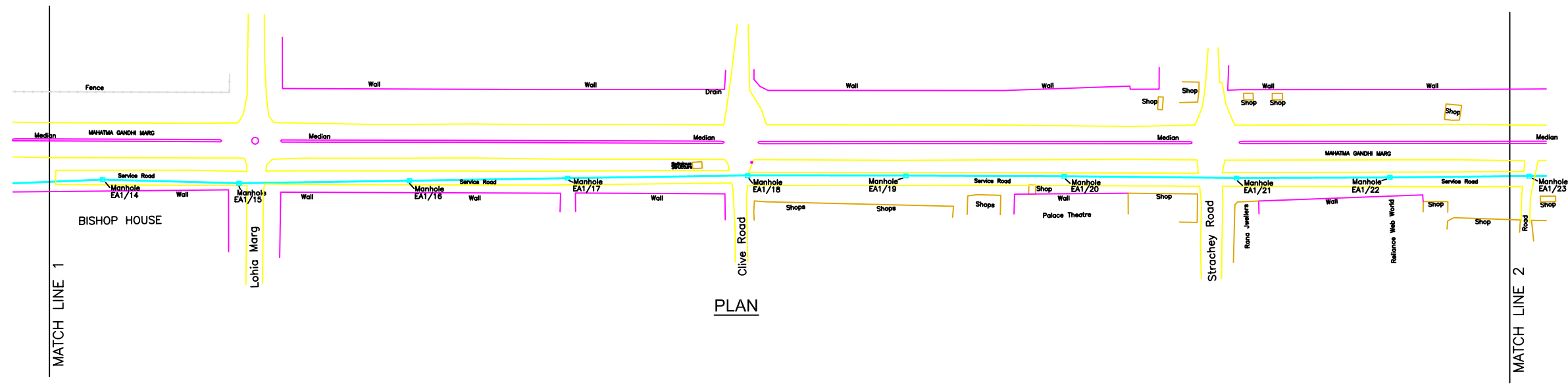
CORRIDOR: District : A
 High Court Chowk to Rambag Level Crossing
 Node : 1-1A-2-2A-3

SHEET CONTENTS: PLAN AND PROFILE (1/6)
 (Existing Sewer)
 (Ch. 00 - 605.83)

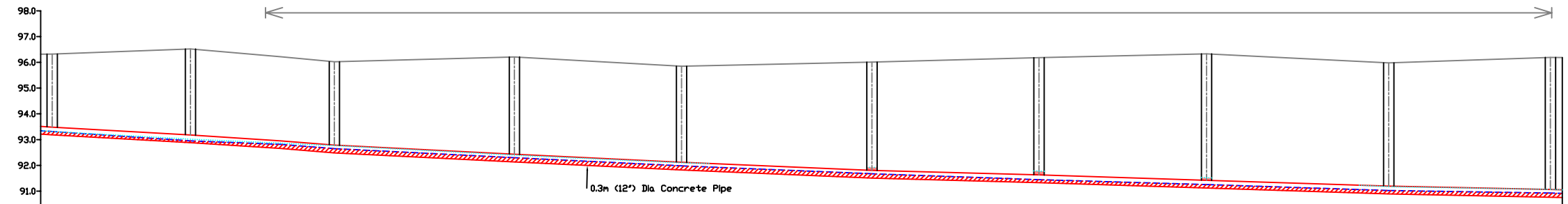
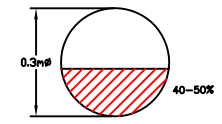
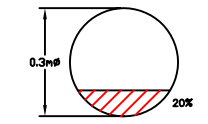
DRAWING NO. ALD-ES-A (HCC-RLC)-1 **SHT. NO.** 69



N O D E - 1 (300 Ø) (REPLACE) N O D E - 1A



PLAN



L-SECTION

GROUND LEVEL	96.32	96.32	96.02	96.21	95.85	96.01	96.18	96.33	95.98	96.19
WATER LEVEL/ LOOSE DEPOSIT	93.315	93.02	92.77	92.4	92.102	91.925	91.78	91.524	91.174	91.07
SEWER TOP LEVEL	93.485	93.18	92.785	92.432	92.122	91.805	91.63	91.42	91.194	91.064
SILT LEVEL	93.315	92.95	92.65	92.298	91.962	91.675	91.445	91.255	91.024	90.925
MANHOLE IL	93.185	92.88	92.485	92.132	91.822	91.505	91.33	91.12	90.894	90.764
SEWER SIZE/DIA.	0.300									
MANHOLE ID	EA1/13	EA1/14	EA1/15	EA1/16	EA1/17	EA1/18	EA1/19	EA1/20	EA1/21	EA1/22
CHAINAGE (M)	605.83	659.62	715.58	785.61	850.63	924.69	989.66	1054.83	1125.7	1188.59

- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS

LEGEND

PROPOSED SEWER LINE	
PROPOSED RISING MAIN	
ROAD EDGE	
UNDERGROUND LINES	
CULVERT/BRIDGE	
HANDPUMP	
ELECTRIC POLE	
ELECTRIC LINE	
TELEPHONE POLE	
TELEPHONE LINE	
TRANSFORMER	
OFC PILLAR	
KILOMETER POST	
TREE	
HECTOMETER POST	
LAMP POST	
RAILWAY LINE	
NALA	
WATER MAIN	
EXISTING SEWER	
TRENCHLESS TECHNOLOGY	
NALA CROSSING	
RAILWAY LINE CROSSING	
% OF SILT DEPOSITION	

REFERENCE DRAWING:

TT	
P	
x%	

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV NO.	0	1	2	3	4

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED
CHECKED BY:	R.MITTAL	APPROVED BY:	D.SARKAR
DRAWN	S.MITRA	CHECK	APPROVE
DESIGNED	ANJESH	SCALE	H=1:1000 V=1:100
SURVEYED	S.SHARMA	DATE	03-01-05

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS:

- TOKYO ENGINEERING CONSULTANTS CO., LTD.
- CTI ENGINEERING INTERNATIONAL CO., LTD.
- STUP CONSULTANTS LTD.

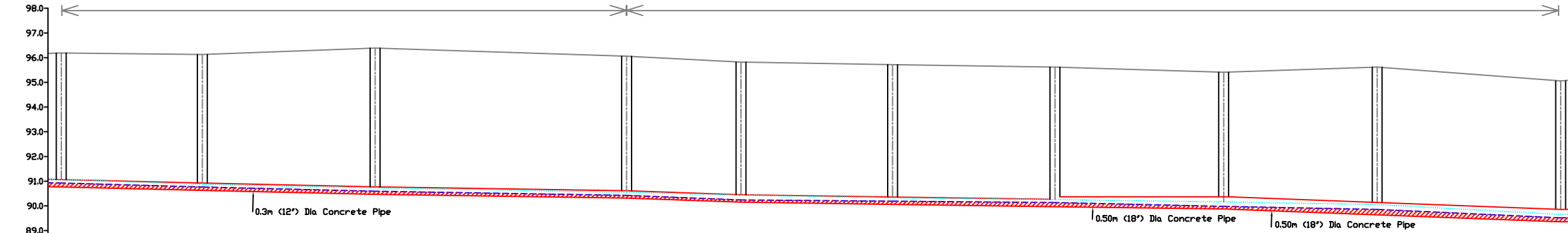
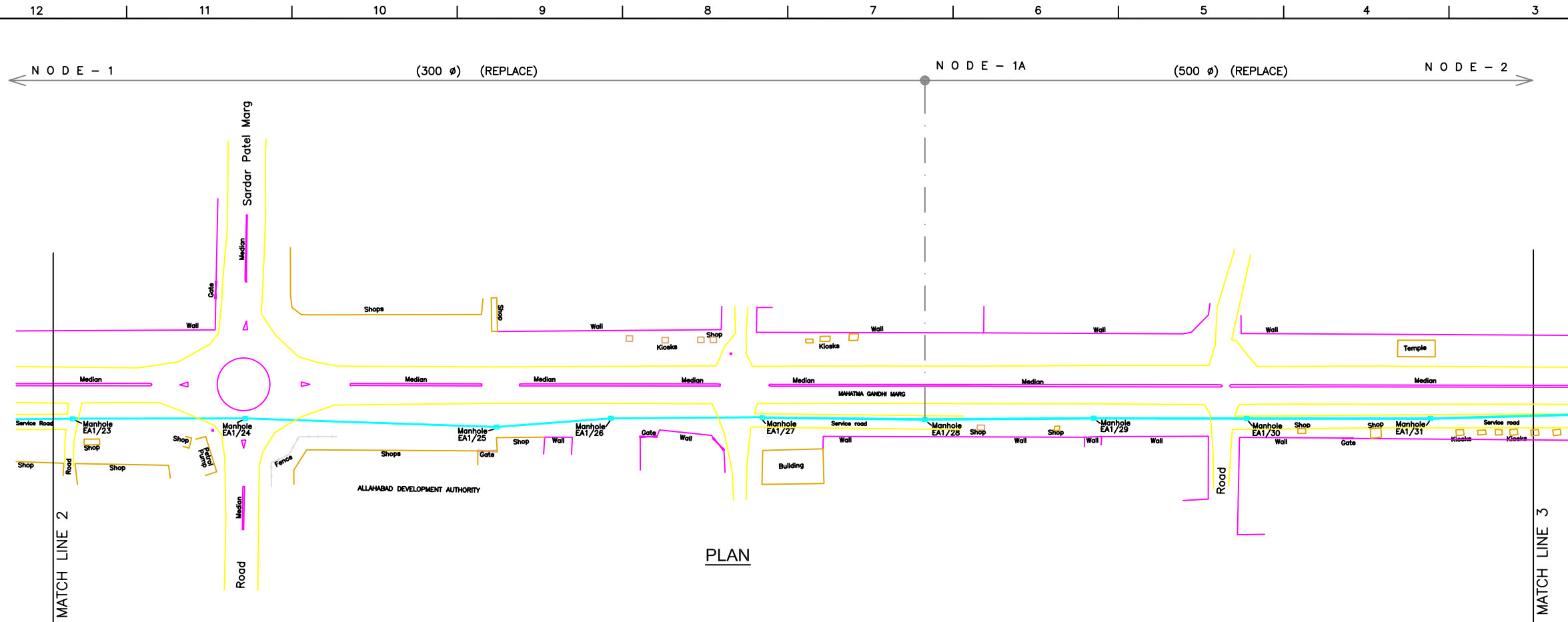
PROJECT:
THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA

FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
High Court Chowk to Rambag Level Crossing
Node : 1-1A-2-2A-3

SHEET CONTENTS: PLAN AND PROFILE (2/6)
(Existing Sewer)
(Ch. 605.83 - 1188.50)

DRAWING NO. ALD-ES-A (HCC-RLC)-2 **SHT. NO.** 70



GROUND LEVEL	96.19	96.13	96.39	96.06	95.82	95.72	95.62	95.41	95.62	95.06
WATER LEVEL/ LOOSE DEPOSIT	91.07	90.875	90.733	90.554	90.48	90.33	90.285	90.16	90.056	89.62
SEWER TOP LEVEL	91.064	90.925	90.768	90.615	90.45	90.36	90.465	90.376	90.136	89.855
SILT LEVEL	90.925	90.765	90.593	90.425	90.24	90.19	90.135	89.98	89.856	89.515
MANHOLE IL	90.764	90.625	90.468	90.315	90.15	90.06	89.965	89.876	89.636	89.355
SEWER SIZE/DIA.				0.300				0.500		
MANHOLE ID	EA/22	EA/23	EA/24	EA/25	EA/26	EA/27	EA/28	EA/29	EA/30	EA/31
CHAINAGE (M)	1188.59	1245.78	1315.8	1417.75	1464.11	1525.57	1591.38	1659.77	1721.99	1796.36

L-SECTION

- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS
- LEGEND**
- PROPOSED SEWER LINE
 - PROPOSED RISING MAIN
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 - LAMP POST
 - RAILWAY LINE
 - NALA
 - WATER MAIN
 - EXISTING SEWER
 - TRENCHLESS TECHNOLOGY
 - NALA CROSSING
 - RAILWAY LINE CROSSING
 - % OF SILT DEPOSITION
- REFERENCE DRAWING:**

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV. NO.	0	1	2	3	4

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED
CHECKED BY:	R.MITTAL	APPROVED BY:	D.SARKAR
DRAWN	S.MITRA	SCALE	H=1:1000 V=1:100
DESIGNED	ANJESH	DATE	03-01-05
SURVEYED	S.SHARMA		

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

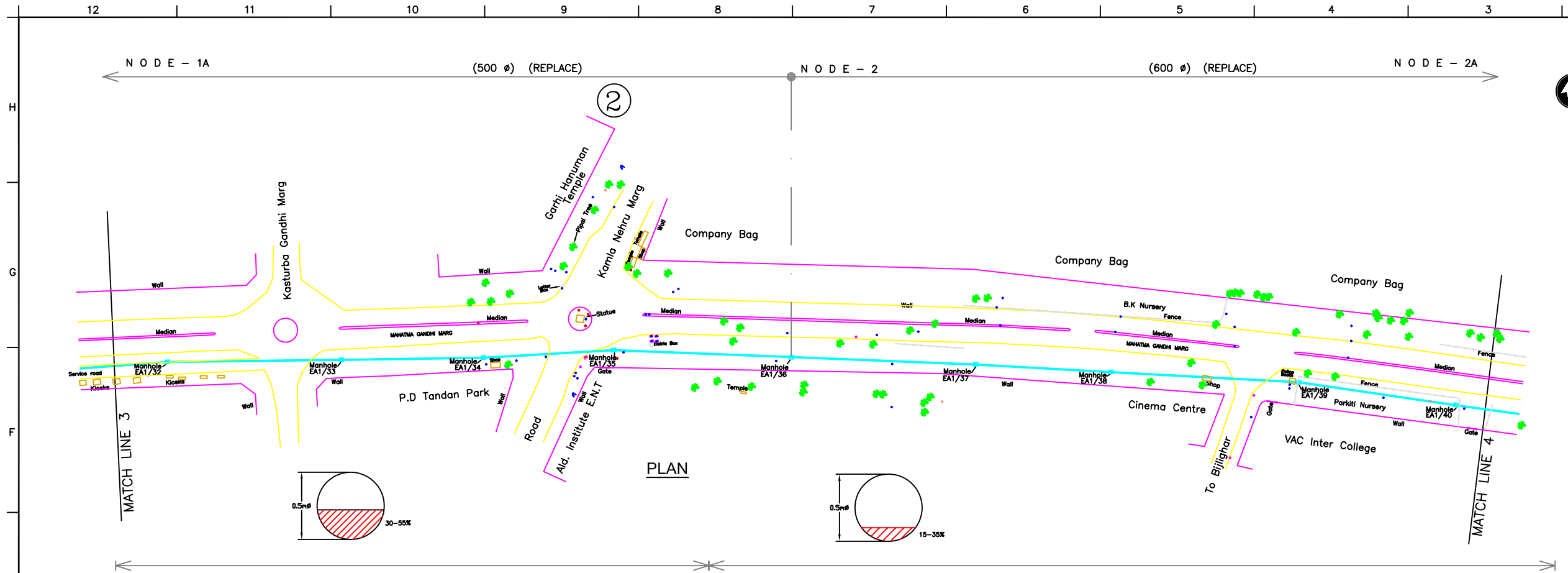
CONSULTANTS:

- TOKYO ENGINEERING CONSULTANTS CO., LTD.
- CTI ENGINEERING INTERNATIONAL CO., LTD.
- STUP CONSULTANTS LTD.

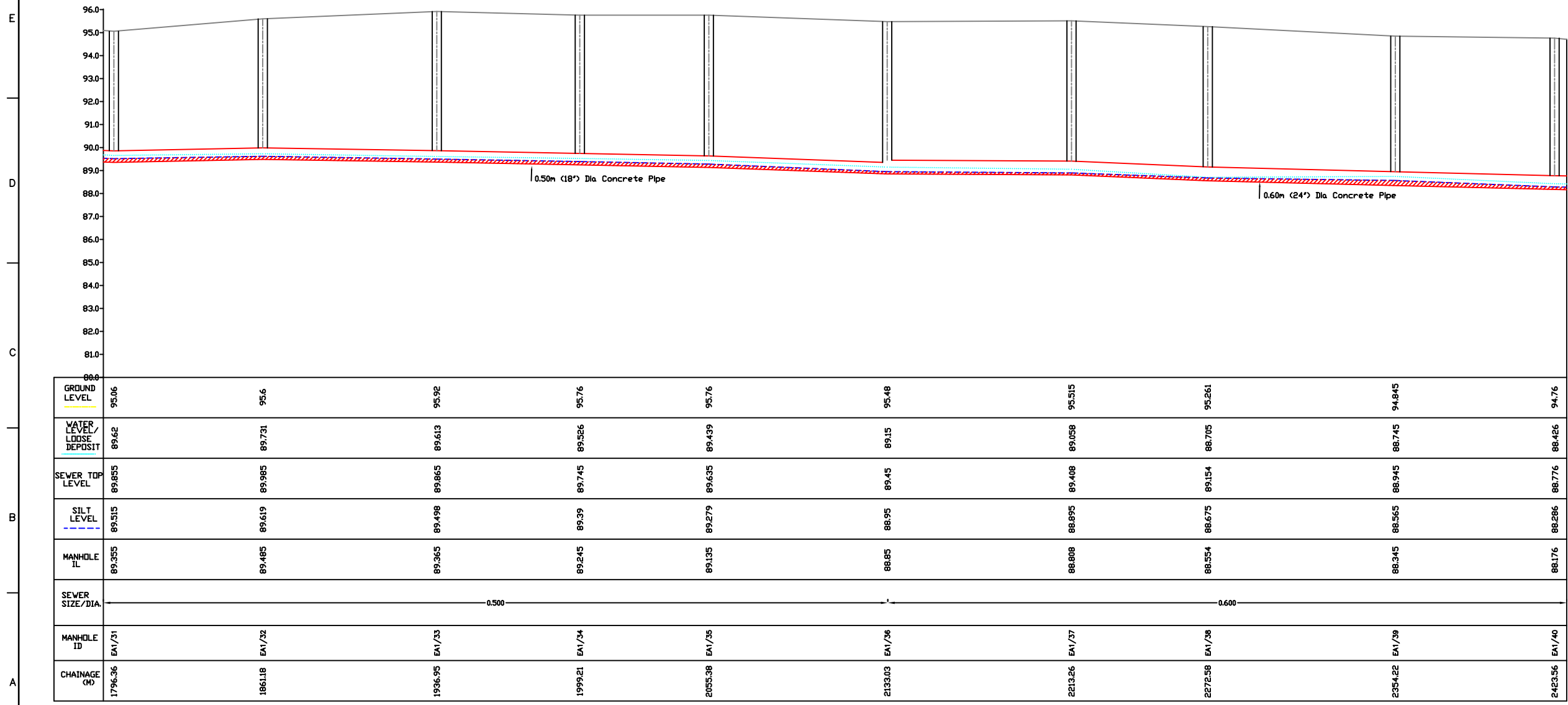
PROJECT:
THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
High Court Chowk to Rambag Level Crossing
Node : 1-1A-2-2A-3

SHEET CONTENTS: PLAN AND PROFILE (3/6)
(Existing Sewer)
(Ch. 1188.50 - 1796.36)

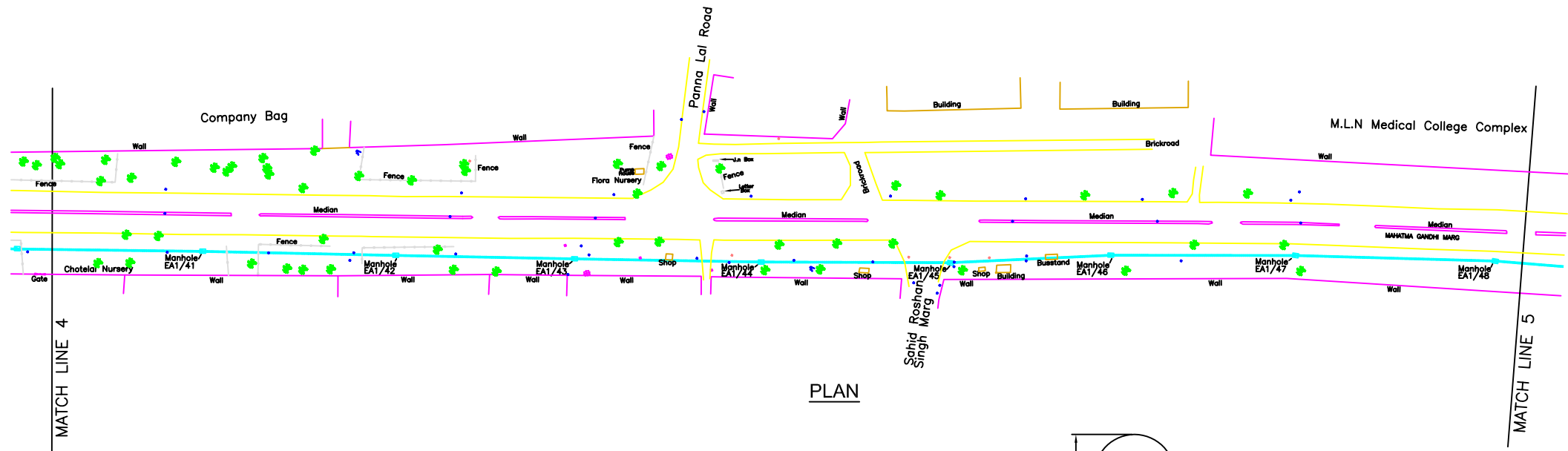


- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS
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- PROPOSED SEWER LINE
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 - NALA
 - WATER MAIN
 - EXISTING SEWER
 - TRENCHLESS TECHNOLOGY
 - NALA CROSSING
 - RAILWAY LINE CROSSING
 - % OF SILT DEPOSITION
- REFERENCE DRAWING:**

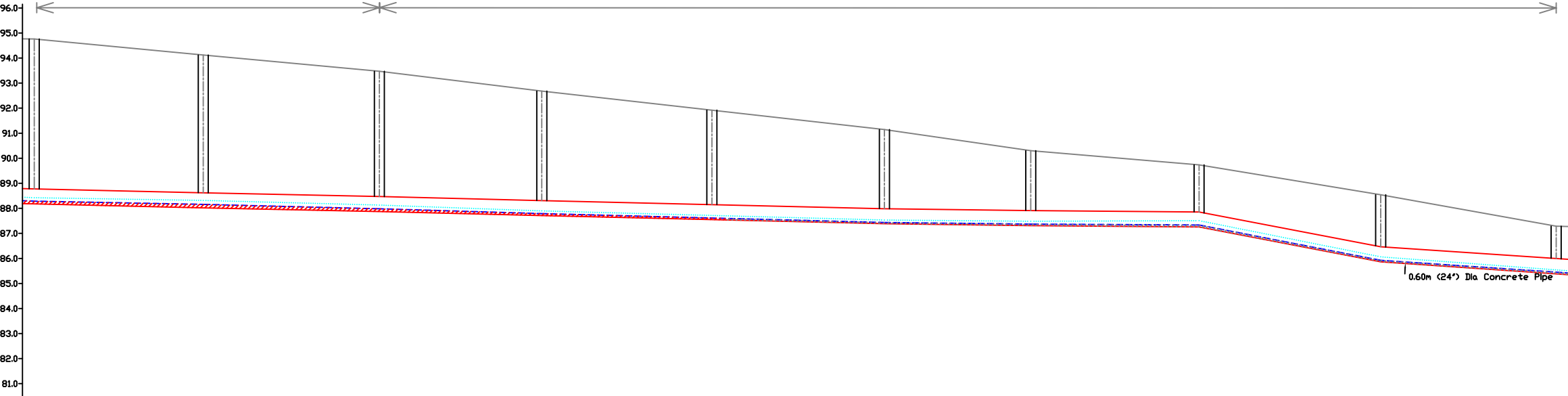
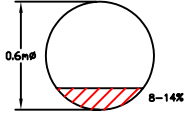


INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV NO.	0	1	2	3	4
REV.	DESCRIPTION OF REVISIONS			DATE	CHECKED
CHECKED BY:	R.MITTAL		APPROVED BY: D.SARKAR		
DESIGNED	ANJESH		SCALE: H=1:1000, V=1:100		
SURVEYED	S.SHARMA		DATE: 03-01-05		
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p> <p>CONSULTANTS: TOKYO ENGINEERING CONSULTANTS CO., LTD. CTI ENGINEERING INTERNATIONAL CO., LTD. STUP CONSULTANTS LTD.</p>					
<p>PROJECT: THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA FEASIBILITY STUDY FOR ALLAHABAD CITY</p>					
<p>CORRIDOR: District : A High Court Chowk to Rambag Level Crossing Node : 1-1A-2-2A-3</p>					
<p>SHEET CONTENTS: PLAN AND PROFILE (4/6) (Existing Sewer) (Ch. 1796.36 - 2423.56)</p>					
DRAWING NO. ALD-ES-A (HCC-RLC)-4					SHT. NO. 72

N O D E - 2 (600 Ø) (REPLACE) N O D E - 2A



PLAN



GROUND LEVEL	94.76	94.12	93.47	92.68	91.88	91.145	90.301	89.735	88.54	87.285
WATER LEVEL/ LOOSE DEPOSIT	88.426	88.318	88.132	87.899	87.735	87.535	87.485	87.51	86.065	85.545
SEWER TOP LEVEL	88.776	88.618	88.472	88.309	88.152	87.985	87.91	87.855	86.465	85.995
SILT LEVEL	88.286	88.158	87.982	87.789	87.622	87.435	87.37	87.335	85.985	85.465
MANHOLE IL	88.176	88.018	87.872	87.709	87.552	87.385	87.31	87.255	85.865	85.395
SEWER SIZE/DIA.	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
MANHOLE ID	EA1/40	EA1/41	EA1/42	EA1/43	EA1/44	EA1/45	EA1/46	EA1/47	EA1/48	EA1/48
CHAINAGE (M)	2423.56	2491.14	2561.95	2626.5	2694.72	2763.49	2822.0	2889.3	2961.91	3032.07

L-SECTION

- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS
- LEGEND**
- PROPOSED SEWER LINE
 - PROPOSED RISING MAIN
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 - UNDERGROUND LINES
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 - OFC PILLAR
 - KILOMETER POST
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 - RAILWAY LINE
 - NALA
 - WATER MAIN
 - EXISTING SEWER
 - TRENCHLESS TECHNOLOGY
 - NALA CROSSING
 - RAILWAY LINE CROSSING
 - % OF SILT DEPOSITION
- REFERENCE DRAWING:**

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV. NO.	0	1	2	3	4

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED
CHECKED BY:	R.MITTAL	APPROVED BY:	D.SARKAR
DRAWN	S.MITRA	SCALE	H=1:1000 V=1:100
DESIGNED	ANJESH	DATE	03-01-05
SURVEYED	S.SHARMA		

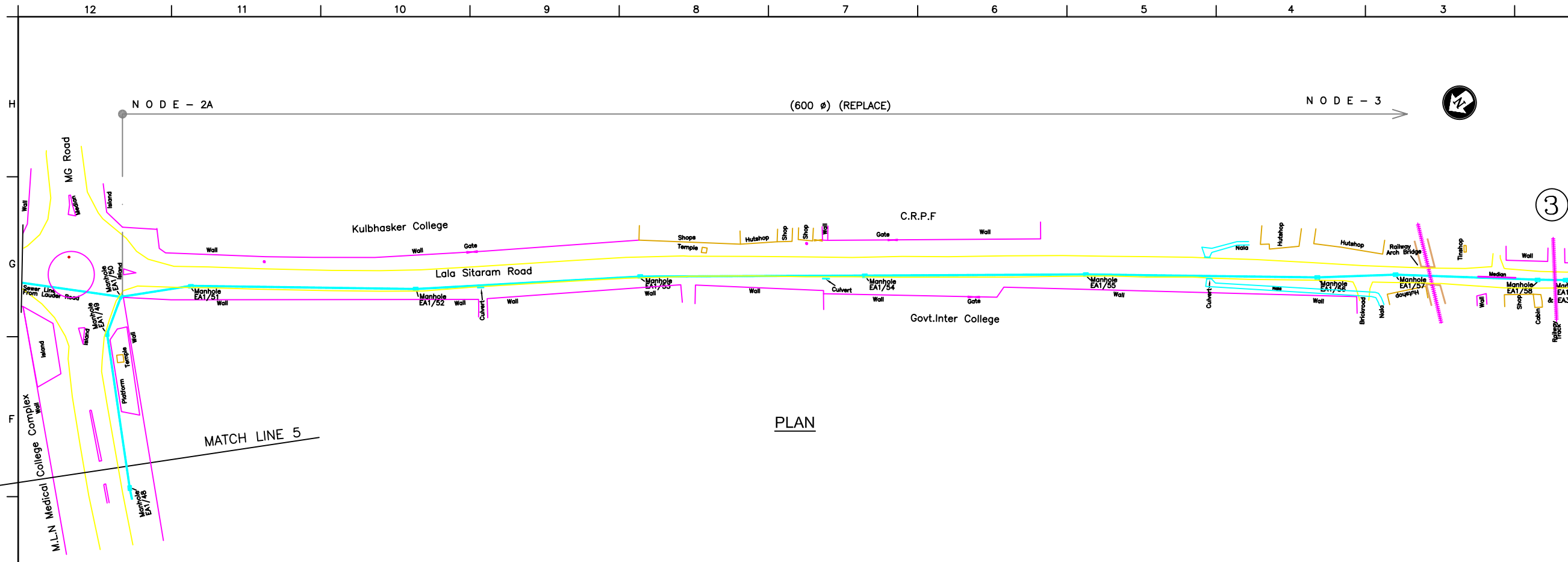
JICA JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS:
 TOKYO ENGINEERING CONSULTANTS CO., LTD.
 CTI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

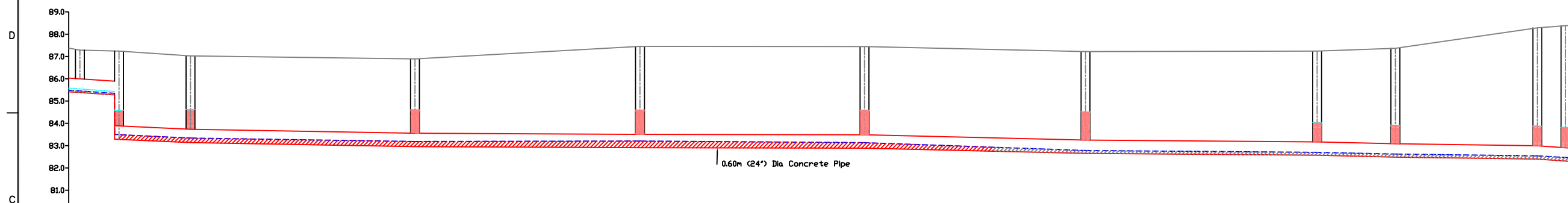
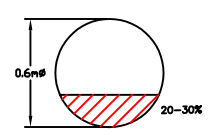
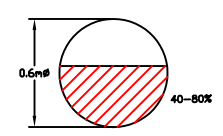
PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
 High Court Chowk to Rambag Level Crossing
 Node : 1-1A-2-2A-3

SHEET CONTENTS:
 PLAN AND PROFILE (5/6)
 (Existing Sewer)
 (Ch. 2423.56 - 3032.07)



PLAN



L-SECTION

GROUND LEVEL	87.285	87.24	87.024	86.89	87.455	87.445	87.22	87.24	87.365	88.285	88.38
WATER LEVEL/LOOSE DEPOSIT	85.545	84.585	84.625	84.605	84.6	84.585	84.92	84.04	83.915	83.88	83.82
SEWER TOP LEVEL	85.995	83.885	83.735	83.555	83.505	83.485	83.25	83.168	83.085	82.995	82.905
SILT LEVEL	85.465	83.785	83.338	83.185	83.205	83.133	82.78	82.698	82.621	82.54	82.467
MANHOLE TL	85.395	83.285	83.135	82.955	82.905	82.885	82.65	82.568	82.485	82.395	82.305
SEWER SIZE/DIA.	0.600 → 0.700										
MANHOLE ID	E1/49	E1/50	E1/51	E1/52	E1/53	E1/54	E1/55	E1/56	E1/57	E1/58	E1/59
CHAINAGE (M)	3032.07	3049.64	3081.72	3182.52	3283.53	3384.35	3483.56	3587.56	3622.66	3686.4	3699.08

- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS
- LEGEND**
- PROPOSED SEWER LINE
 - PROPOSED RISING MAIN
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 - UNDERGROUND LINES
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 - EXISTING SEWER
 - TRENCHLESS TECHNOLOGY
 - NALA CROSSING
 - RAILWAY LINE CROSSING
 - % OF SILT DEPOSITION
- REFERENCE DRAWING:**

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV. NO.	0	1	2	3	4

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED
CHECKED BY:	R.MITTAL	APPROVED BY:	D.SARKAR
DRAWN	S.MITRA	SCALE	H=1:1000 V=1:100
DESIGNED	ANJESH	DATE	03-01-05
SURVEYED	S.SHARMA		

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS:
 TOKYO ENGINEERING CONSULTANTS CO., LTD.
 CTI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
 High Court Chowk to Rambag Level Crossing
 Node : 1-1A-2-2A-3

SHEET CONTENTS: PLAN AND PROFILE (6/6)
 (Existing Sewer)
 (Ch. 3032.07 - 3699.07)

H
G
F
E
D
C
B
A

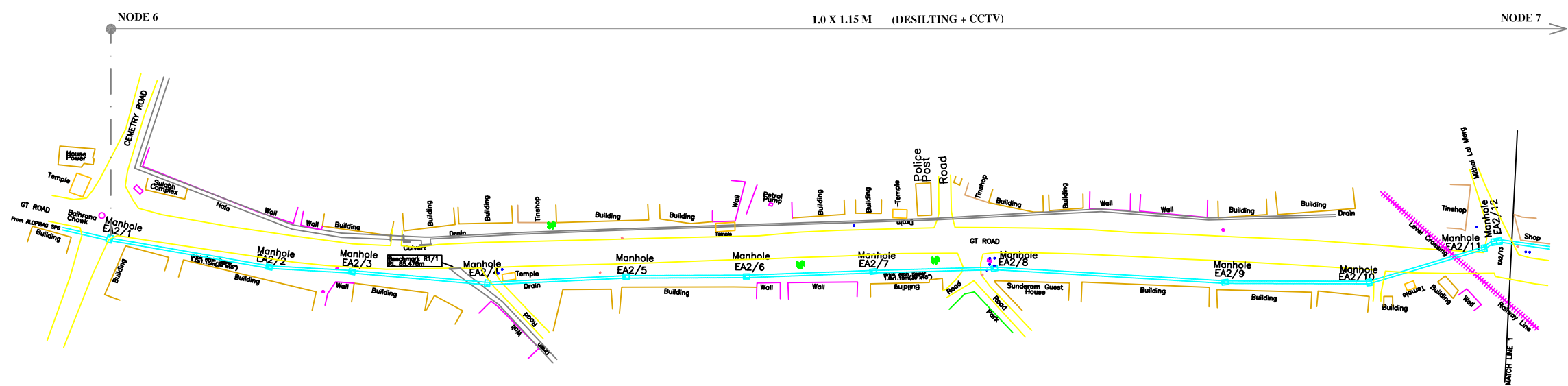
NOTES:

- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
- ALL LEVELS ARE IN METERS

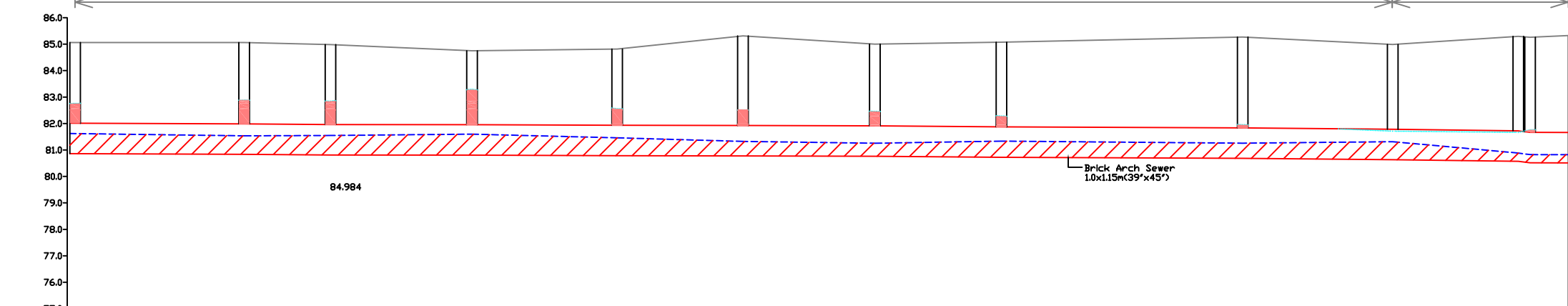
LEGEND

- PROPOSED SEWER LINE
- PROPOSED RISING MAIN
- ROAD EDGE
- UNDERGROUND LINES
- CULVERT/BRIDGE
- HANDPUMP
- ELECTRIC POLE
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- TRENCHLESS TECHNOLOGY
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- RAILWAY LINE CROSSING
- % OF SILT DEPOSITION

REFERENCE DRAWING:



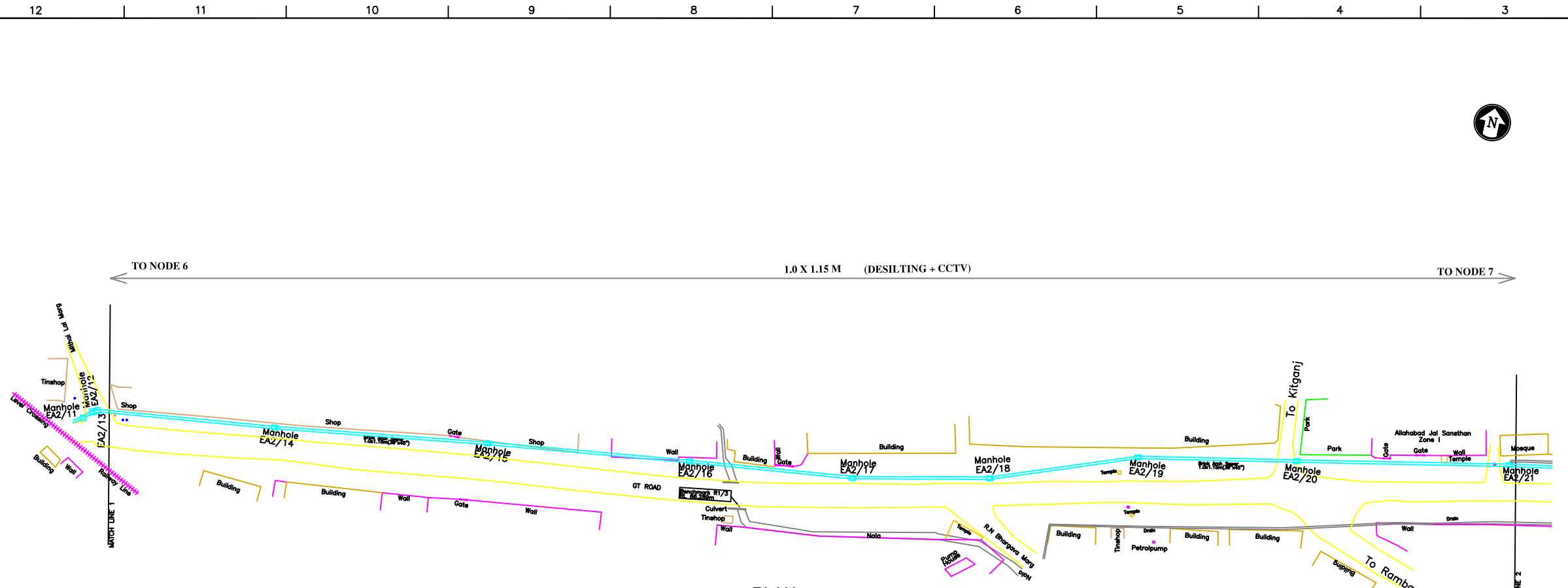
PLAN



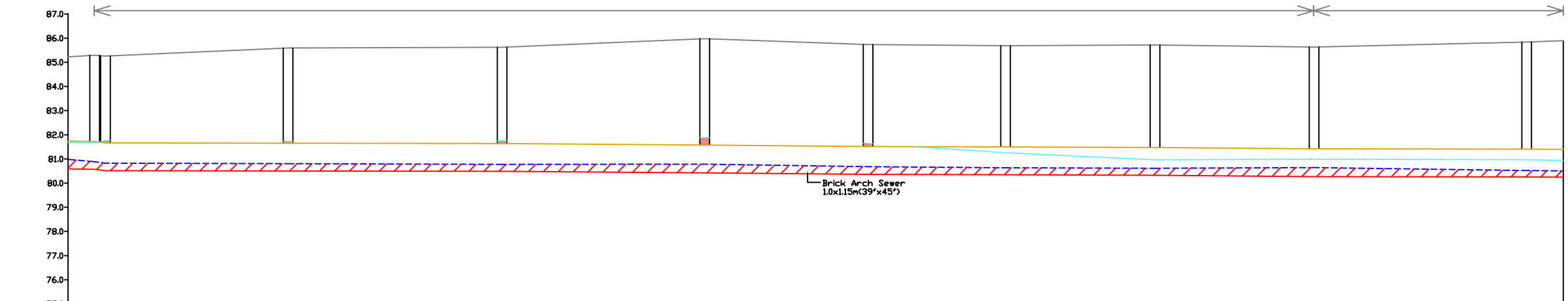
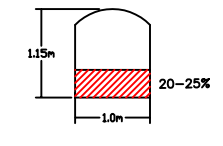
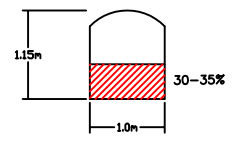
GROUND LEVEL	85.063	85.06	84.984	84.751	84.814	85.311	85.002	85.075	85.27	84.989
WATER LEVEL / LOOSE DEPOSIT	82.76	82.885	82.848	83.298	82.56	82.514	82.463	82.285	81.957	81.713
SEWER TOP LEVEL	82.01	81.966	81.96	81.955	81.935	81.924	81.914	81.872	81.835	81.782
SILT LEVEL	81.62	81.535	81.548	81.598	81.46	81.324	81.255	81.335	81.257	81.313
MANHOLE IL	80.86	80.836	80.81	80.805	80.785	80.774	80.764	80.722	80.685	80.632
SEWER DIA/SIZE	1.0m x 1.15m									
MANHOLE ID	EA2/1	EA2/2	EA2/3	EA2/4	EA2/5	EA2/6	EA2/7	EA2/8	EA2/9	EA2/10
CHAINAGE (M)	0.0	63.91	96.54	150.07	204.94	252.5	302.36	350.22	441.45	498.18

L-SECTION

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV. NO.	0	1	2	3	4
REV.	DESCRIPTION OF REVISIONS			DATE	CHECKED
CHECKED BY:	R. MITTAL		APPROVED BY: D. SARKAR		
DRAWN	S. MITRA		APPROVE		
DESIGNED	ANJESH	SCALE	H=1:1000	V=1:100	
SURVEYED	S. SHARMA	DATE	03-01-05		
 JAPAN INTERNATIONAL COOPERATION AGENCY CONSULTANTS: TOKYO ENGINEERING CONSULTANTS CO., LTD. CITI ENGINEERING INTERNATIONAL CO., LTD. STUP CONSULTANTS LTD.					
PROJECT: THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA FEASIBILITY STUDY FOR ALLAHABAD CITY					
CORRIDOR: District : A Bahama Chowk to Gaughat PS Node : 6-7-15					
SHEET CONTENTS: PLAN AND PROFILE (1/4) (Existing Sewer) (Ch. 00 - 550.11)					
DRAWING NO. ALD-ES-A (BC-GGPS)-1					SHT. NO. 75



PLAN



L-SECTION

	12	11	10	9	8	7	6	5	4	3
GROUND LEVEL	85.295 85.26		85.593	85.622	85.977	85.734	85.689	85.719	85.633	85.64
WATER LEVEL/ LOOSE DEPOSIT	81.668 81.765		81.732 81.75	81.75	81.884 81.884	81.638 81.638	81.626 81.626	80.965 80.965	80.993 80.993	80.97
SEWER TOP LEVEL	81.723 81.665		81.652 81.652	81.639 81.639	81.575 81.575	81.515 81.515	81.495 81.495	81.475 81.475	81.418 81.418	81.405
SILT LEVEL	80.884 80.825		80.805 80.805	80.776 80.776	80.785 80.785	80.68 80.68	80.635 80.635	80.615 80.615	80.643 80.643	80.52
SEWER BOTTOM	80.573 80.515		80.502 80.502	80.489 80.489	80.425 80.425	80.365 80.365	80.345 80.345	80.325 80.325	80.268 80.268	80.255
DIA./SIZE SIZE/DIA	1.0m x 1.15m									
MANHOLE ID	EA2/11 EA2/12 & EA2/13		EA2/14	EA2/15	EA2/16	EA2/17	EA2/18	EA2/19	EA2/20	EA2/21
CHAINAGE (M)	545.65 550.11		625.61	714.09	797.86	865.41	922.25	984.04	1049.81	1137.69

- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS

LEGEND

PROPOSED SEWER LINE	
PROPOSED RISING MAIN	
ROAD EDGE	
UNDERGROUND LINES	
CULVERT/BRIDGE	
HANDPUMP	
ELECTRIC POLE	
ELECTRIC LINE	
TELEPHONE POLE	
TELEPHONE LINE	
TRANSFORMER	
OFC PILLAR	
KILOMETER POST	
TREE	
HECTOMETER POST	
LAMP POST	
RAILWAY LINE	
NALA	
WATER MAIN	
EXISTING SEWER	
TRENCHLESS TECHNOLOGY	
NALA CROSSING	
RAILWAY LINE CROSSING	
% OF SILT DEPOSITION	

REFERENCE DRAWING:

INST.	0	1	2	3	4
ELEC.					
MECH.					
STRU.					
CIVIL					

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED

CHECKED BY: R.MITTAL
CHECK

APPROVED BY: D.SARKAR
APPROVE

DRAWN: S.MITRA

DESIGNED: ANJESH
SCALE: H=1:1000
V=1:100

SURVEYED: S.SHARMA
DATE: 03-01-05

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS:

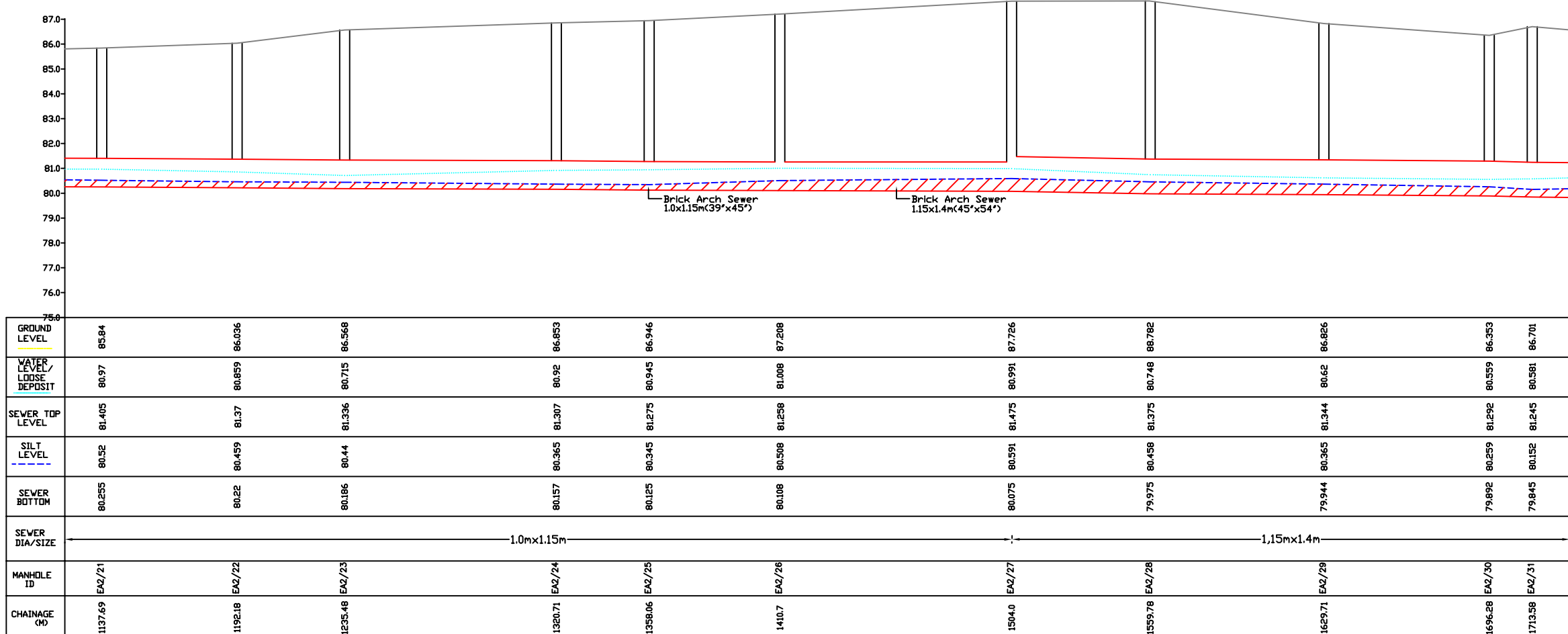
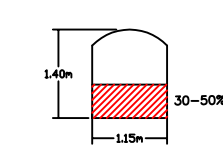
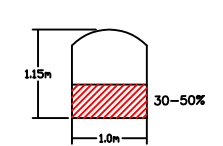
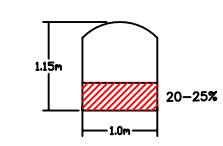
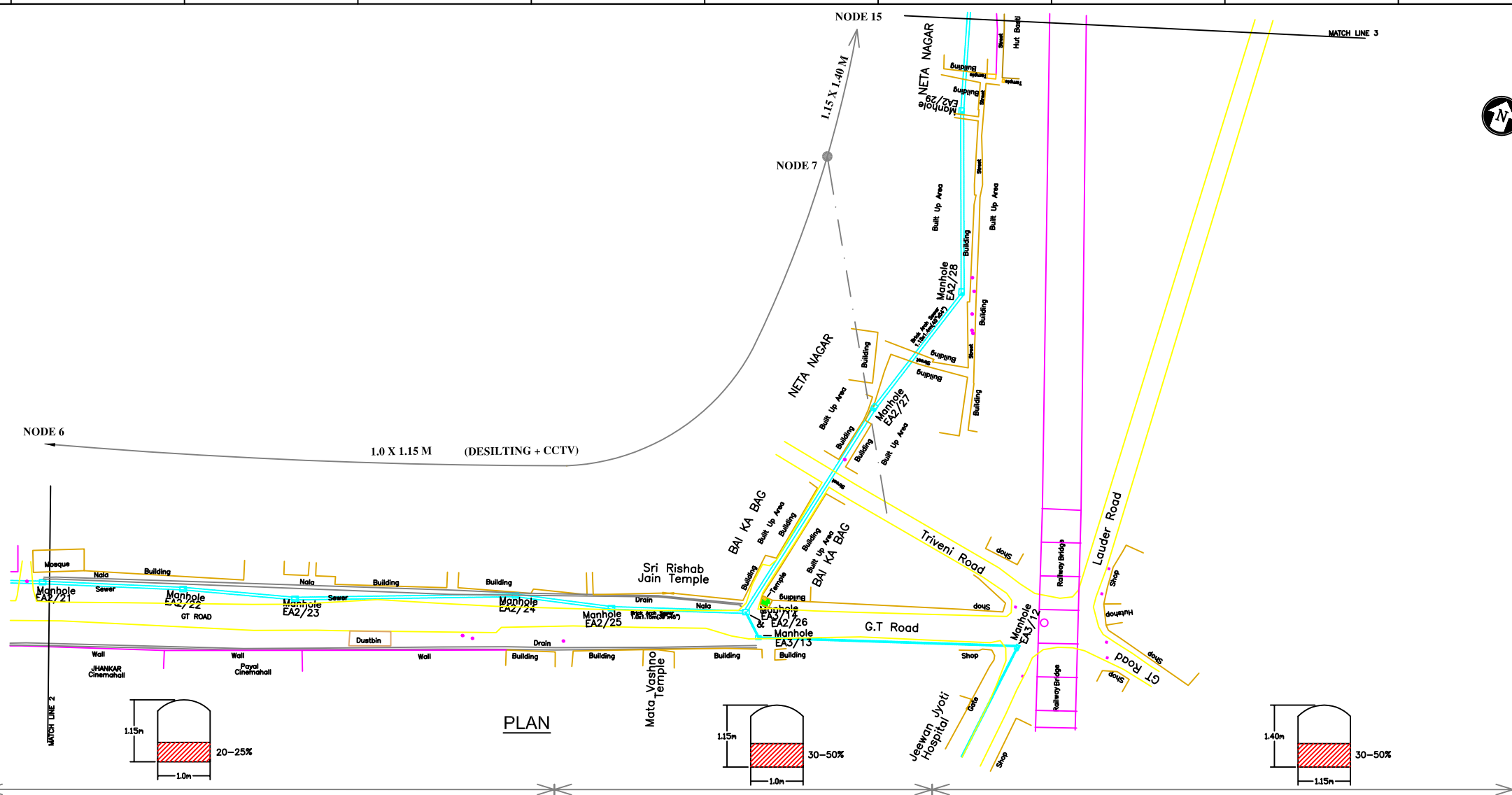
PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
 Baihama Chowk to Gaughat PS
 Node : 6-7-15

SHEET CONTENTS: PLAN AND PROFILE (2/4)
 (Existing Sewer)
 (Ch. 550.11 - 1137.69)

DRAWING NO. ALD-ES-A (BC-GGPS)-2

SHT. NO. 76



- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS
- LEGEND**
- PROPOSED SEWER LINE
 - PROPOSED RISING MAIN
 - ROAD EDGE
 - UNDERGROUND LINES
 - CULVERT / BRIDGE
 - HANDPUMP
 - ELECTRIC POLE
 - ELECTRIC LINE
 - TELEPHONE POLE
 - TELEPHONE LINE
 - TRANSFORMER
 - OFC PILLAR
 - KILOMETER POST
 - TREE
 - HECTOMETER POST
 - LAMP POST
 - RAILWAY LINE
 - NALA
 - WATER MAIN
 - EXISTING SEWER
 - TRENCHLESS TECHNOLOGY
 - NALA CROSSING
 - RAILWAY LINE CROSSING
 - % OF SILT DEPOSITION

REFERENCE DRAWING:

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV NO.	0	1	2	3	4

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED

CHECKED BY: R. MITTAL
CHECK

APPROVED BY: D. SARKAR
APPROVE

DRAWN: S. MITRA

DESIGNED: ANJESH

SCALE: H=1:1000, V=1:100

SURVEYED: S. SHARMA

DATE: 03-01-05

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS:
 TOKYO ENGINEERING CONSULTANTS CO., LTD.
 CTI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

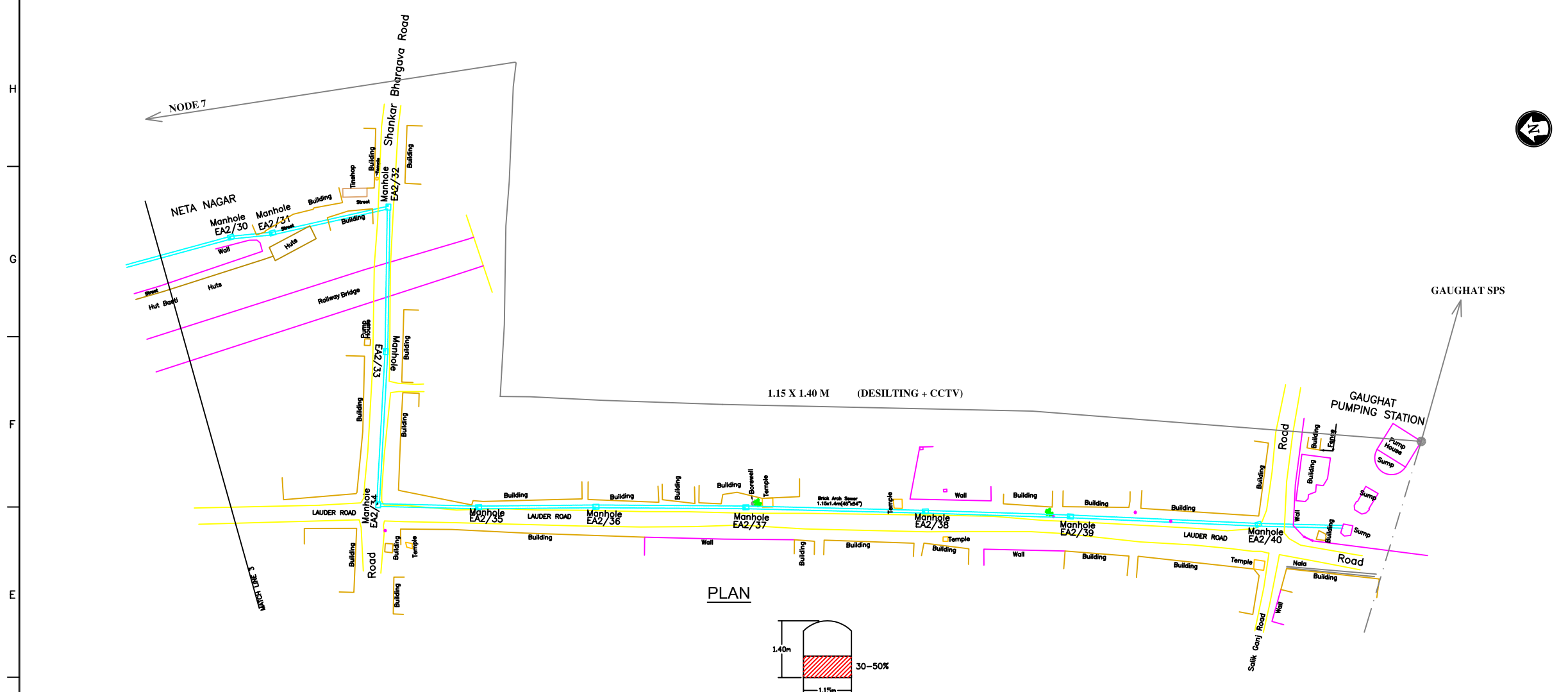
PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
 Baihama Chowk to Gaughat PS
 Node : 6-7-15

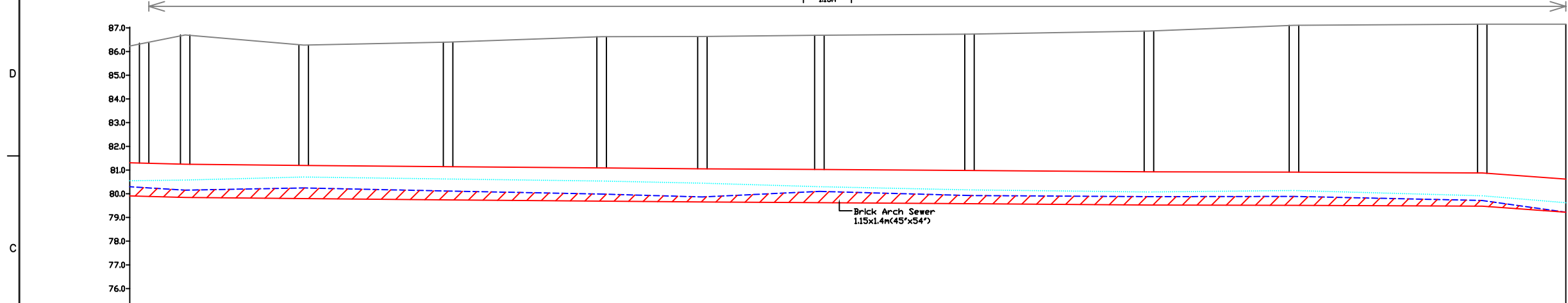
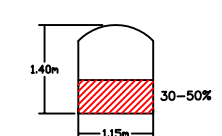
SHEET CONTENTS: PLAN AND PROFILE (3/4)
 (Existing Sewer)
 (Ch. 1137.69 - 1713.58)

DRAWING NO. ALD-ES-A (BC-GGPS)-3

SHT. NO. 77



PLAN



L-SECTION

	12	11	10	9	8	7	6	5	4	3		
GROUND LEVEL	86.353	86.701	86.27	86.397	86.627	86.635	86.687	86.735	86.866	87.105	87.152	87.152
WATER LEVEL/ LOOSE DEPOSIT	80.559	80.581	80.708	80.625	80.539	80.448	80.3	80.165	80.078	80.138	79.916	79.916
SEWER TOP LEVEL	81.292	81.245	81.195	81.142	81.089	81.052	81.024	80.982	80.955	80.911	80.876	80.62
SILT LEVEL	80.259	80.152	80.245	80.114	79.987	79.865	80.1	79.925	79.878	79.888	79.716	79.716
SEWER BOTTOM	79.892	79.845	79.795	79.742	79.689	79.652	79.624	79.582	79.525	79.511	79.476	79.22
SEWER DIA./SIZE	1.0m x 1.15m											
MANHOLE ID	EA2/30	EA2/31	EA2/32	EA2/33	EA2/34	EA2/35	EA2/36	EA2/37	EA2/38	EA2/39	EA2/40	GAUGHAT SUMP
CHAINAGE (M)	1696.28	1713.58	1763.58	1824.47	1889.22	1931.73	1981.06	2044.35	2120.03	2181.19	2260.6	2295.84

NOTES:

- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
- ALL LEVELS ARE IN METERS

LEGEND

- PROPOSED SEWER LINE
- PROPOSED RISING MAIN
- ROAD EDGE
- UNDERGROUND LINES
- CULVERT/BRIDGE
- HANDPUMP
- ELECTRIC POLE
- ELECTRIC LINE
- TELEPHONE POLE
- TELEPHONE LINE
- TRANSFORMER
- OFC PILLAR
- KILOMETER POST
- TREE
- HECTOMETER POST
- LAMP POST
- RAILWAY LINE
- NALA
- WATER MAIN
- EXISTING SEWER
- TRENCHLESS TECHNOLOGY
- NALA CROSSING
- RAILWAY LINE CROSSING
- % OF SILT DEPOSITION

REFERENCE DRAWING:

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV. NO.	0	1	2	3	4
REV.	DESCRIPTION OF REVISIONS			DATE	CHECKED
CHECKED BY:	R.MITTAL		APPROVED BY: D.SARKAR		
DRAWN	S.MITRA		APPROVE		
DESIGNED	ANJESH	SCALE	H=1:1000	V=1:100	
SURVEYED	S.SHARMA	DATE	03-01-05		

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS:
 TOKYO ENGINEERING CONSULTANTS CO., LTD.
 CTI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

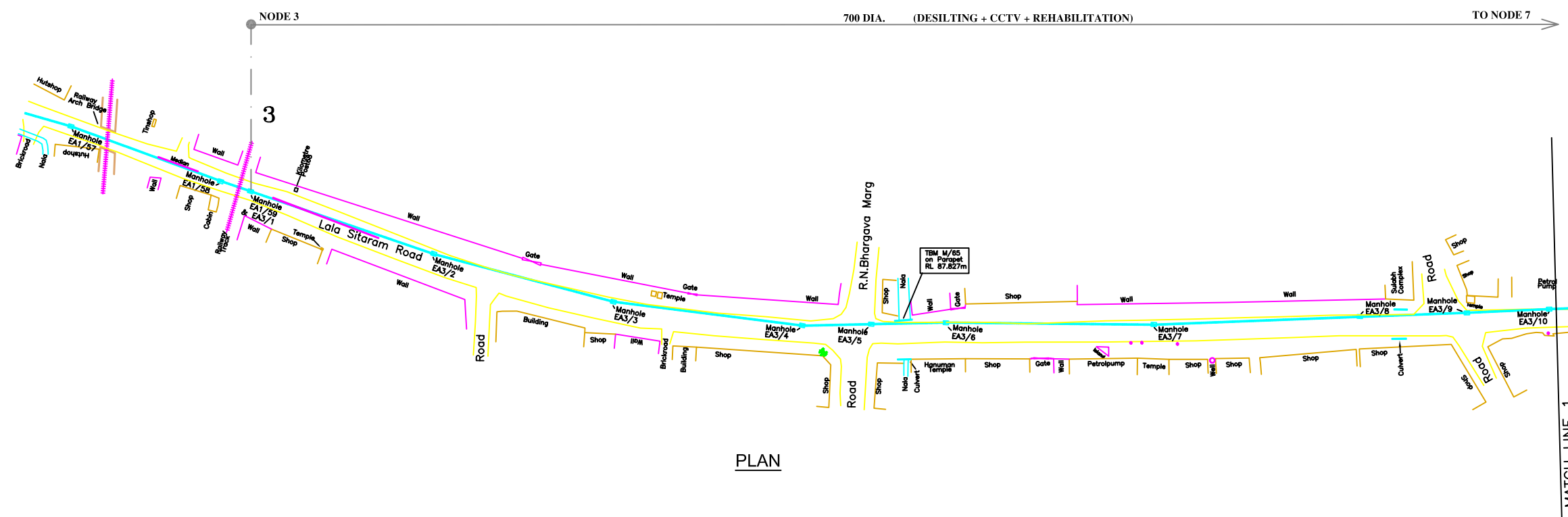
PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
 Baihama Chowk to Gaughat PS
 Node : 6-7-15

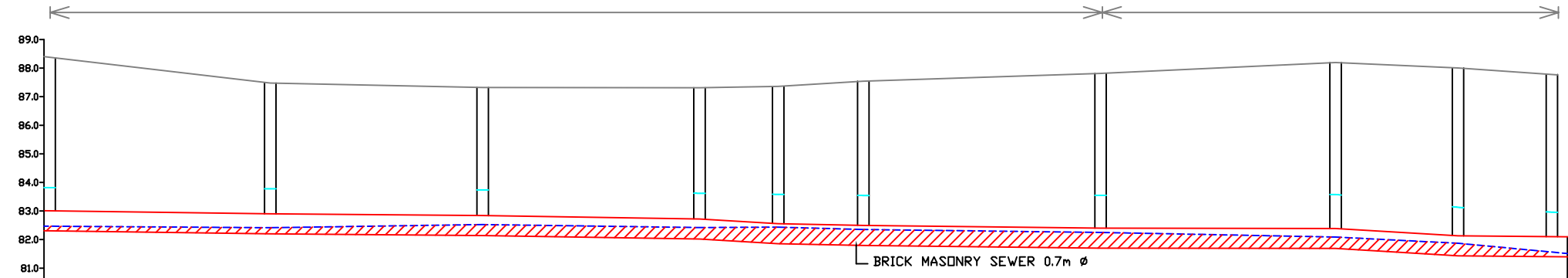
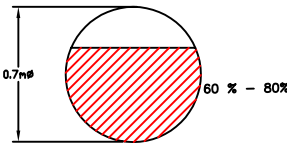
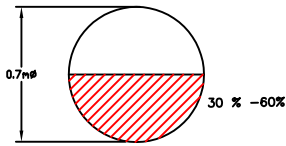
SHEET CONTENTS: PLAN AND PROFILE (4/4)
 (Existing Sewer)
 (Ch. 1713.58 - 2295.84)

DRAWING NO. ALD-ES-A (BC-GGPs)-4 **SHT. NO.** 78

H
G
F
E
D
C
B
A



PLAN



L-SECTION

GROUND LEVEL	88.38	87.478	87.323	87.311	87.359	87.541	87.815	88.194	88.005	87.775
WATER LEVEL/ LOOSE DEPOSIT	83.82	83.78	83.74	83.62	83.585	83.543	83.549	83.58	83.13	82.962
SEWER TOP LEVEL	83.005	82.9	82.84	82.72	82.556	82.493	82.399	82.388	82.13	82.1
SILT LEVEL	82.467	82.415	82.325	82.42	82.435	82.352	82.249	82.088	81.87	81.562
MANHOLE IL	82.305	82.2	82.14	82.02	81.856	81.793	81.699	81.688	81.43	81.4
SEWER SIZE/DIA.	0.700									
MANHOLE ID	EA3/1	EA3/2	EA3/3	EA3/4	EA3/5	EA3/6	EA3/7	EA3/8	EA3/9	EA3/10
CHAINAGE (M)	0.0	77.36	151.84	227.88	255.48	285.32	368.53	450.94	493.87	526.79

NOTES:
 1) GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 2) ALL LEVELS ARE IN METERS

LEGEND

PROPOSED SEWER LINE	
PROPOSED RISING MAIN	
ROAD EDGE	
UNDERGROUND LINES	
CULVERT/BRIDGE	
HANDPUMP	
ELECTRIC POLE	
ELECTRIC LINE	
TELEPHONE POLE	
TELEPHONE LINE	
TRANSFORMER	
OFC PILLAR	
KILOMETER POST	
HECTOMETER POST	
LAMP POST	
RAILWAY LINE	
NALA	
WATER MAIN	
EXISTING SEWER	
TRENCHLESS TECHNOLOGY	
NALA CROSSING	
RAILWAY LINE CROSSING	
% OF SILT DEPOSITION	

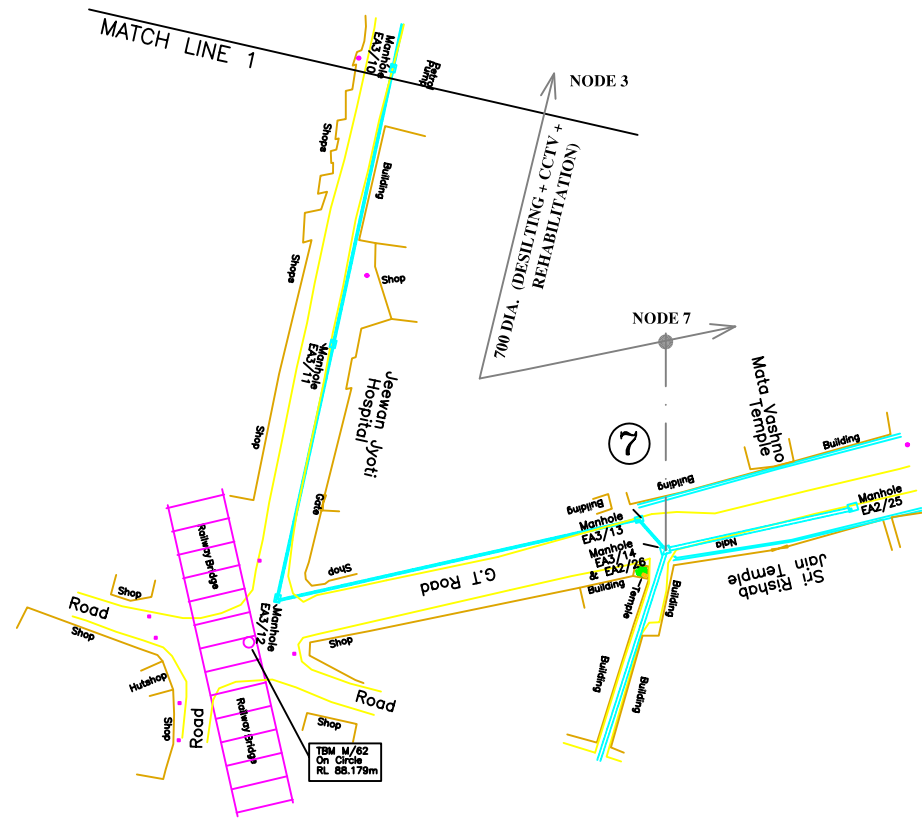
REFERENCE DRAWING:

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV NO.	0	1	2	3	4

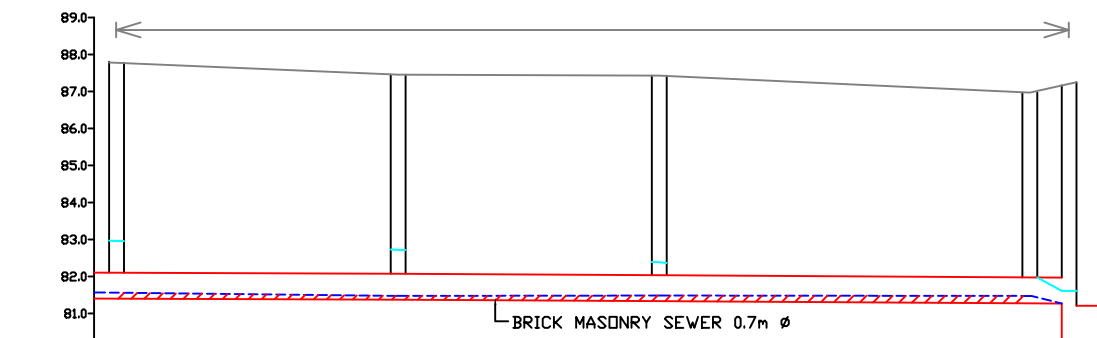
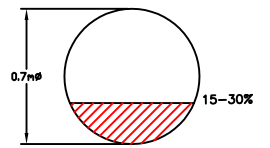
CHECKED BY:	R. MITTAL	APPROVED BY:	D. SARKAR
DRAWN	S. MITRA	SCALE	H=1:1000 V=1:100
DESIGNED	ANESH	DATE	03-01-05
SURVEYED	S. SHARMA		

JICA JAPAN INTERNATIONAL COOPERATION AGENCY
 CONSULTANTS:
 TOKYO ENGINEERING CONSULTANTS CO., LTD.
 CTI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY
CORRIDOR: District : A
 Rambag Level Crossing to Kotha Parch Chowk
 Node : 3 - 7
SHEET CONTENTS: PLAN AND PROFILE (1/2)
 (Existing Sewer)
 (Ch. 00 - 600)



PLAN



GROUND LEVEL	87.775	87.453	87.43	86.97	87.208
WATER LEVEL / LOOSE DEPOSIT	82.962	82.725	82.385	81.675	81.008
SEWER TOP LEVEL	82.1	82.075	82.035	81.975	81.008
SILT LEVEL	81.562	81.475	81.485	81.475	80.508
MANHOLE IL	81.4	81.375	81.335	81.275	80.308
SEWER SIZE/DIA.	0.700				
MANHOLE ID	EA3/10	EA3/11	EA3/12	EA3/13	EA3/14
CHAINAGE (M)	526.79	602.92	673.52	773.7	784.32

L-SECTION



- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 (Feet) /89.024 (m)
 - ALL LEVELS ARE IN METERS

LEGEND

PROPOSED SEWER LINE	
PROPOSED RISING MAIN	
ROAD EDGE	
UNDERGROUND LINES	
CULVERT/BRIDGE	
HANDPUMP	
ELECTRIC POLE	
ELECTRIC LINE	
TELEPHONE POLE	
TELEPHONE LINE	
TRANSFORMER	
OFC PILLAR	
KILOMETER POST	
TREE	
HECTOMETER POST	
LAMP POST	
RAILWAY LINE	
NALA	
WATER MAIN	
EXISTING SEWER	
TRENCHLESS TECHNOLOGY	
NALA CROSSING	
RAILWAY LINE CROSSING	
% OF SILT DEPOSITION	

REFERENCE DRAWING:

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV NO.	0	1	2	3	4

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED
CHECKED BY:	R.MITTAL	APPROVED BY:	D.SARKAR
DRAWN	S.MITRA	SCALE	H=1:1000 V=1:100
DESIGNED	ANESH	DATE	03-01-05
SURVEYED	S.SHARMA		

JICA JAPAN INTERNATIONAL COOPERATION AGENCY
 CONSULTANTS:
 TOKYO ENGINEERING CONSULTANTS CO., LTD.
 CTI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
 Rambag Level Crossing to Kotha Parch Chowk
 Node : 3 - 7

SHEET CONTENTS: PLAN AND PROFILE (2/2)
 (Existing Sewer)
 (Ch. 600 - 785)

DRAWING NO. ALD-ES-A (RLC-KPC)-2
SHT. NO. 80