

NOTES :-
FOR DETAILS OF PIPELINE ALIGNMENT REFER RESPECTIVE DRAWING.

LEGEND

EXISTING SEWERS	
PROPOSED GRAVITY SEWER	
PROPOSED RISING MAIN	
OTHER ROAD / FOOTPATH	
RAILWAY	
RIVER/WATER BODIES	
DRAIN	
SEWER ZONE BOUNDARY	
LOCALITY	BAMHRAULI

REFERENCE DRAWING:
BASE MAP ----- ALD-BM-ABCD-1

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

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED

CHECKED BY:	APPROVED BY:
A.Bhatnagar	D.Sarkar
CHECK	APPROVE

DRAWN	Surendra	SCALE	1:1000
DESIGNED	R.Mittal	DATE	16-12-2004
SURVEYED	S.Sharma		

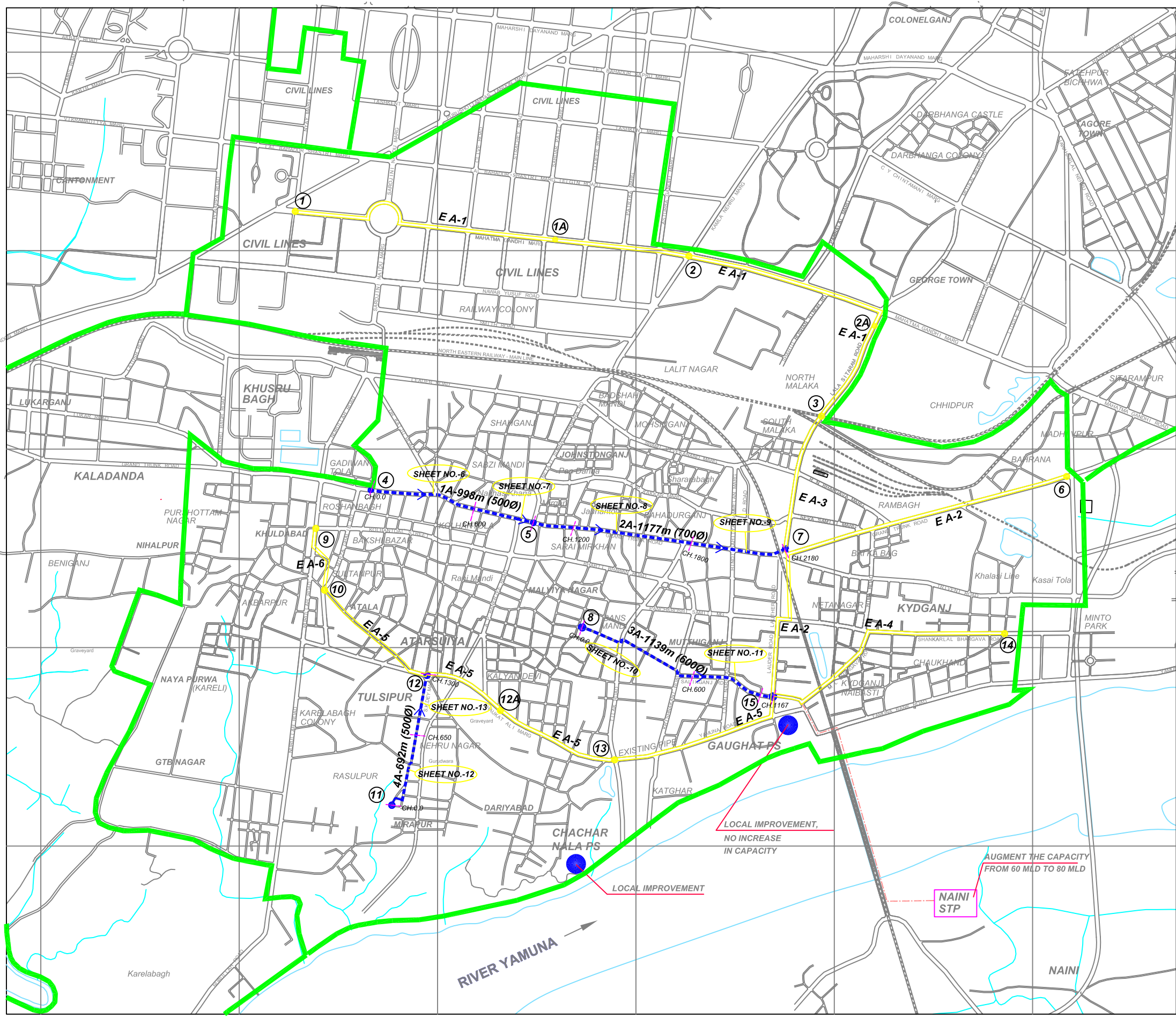
JICA JAPAN INTERNATIONAL COOPERATION AGENCY
CONSULTANTS:

 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

SHEET CONTENTS:
GENERAL LOCATION MAP OF SEWERAGE (DISTRICT-D)

DRAWING NO. **ALD - BM - D - 1** SHT. NO. **4**



NOTES :-
FOR DETAILS OF PIPELINE ALIGNMENT REFER RESPECTIVE DRAWING.

LEGEND

EXISTING SEWERS	
PROPOSED GRAVITY SEWER	
PROPOSED RISING MAIN	
OTHER ROAD / FOOTPATH	
RAILWAY	
RIVER/WATER BODIES	
DRAIN	
SEWER ZONE BOUNDARY	
LOCALITY	BAMHRAULI

REFERENCE DRAWING:
BASE MAP ----- ALD-BM-ABCD-1

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

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED

CHECKED BY: A.Bhatnagar
APPROVED BY: D.Sarkar

DRAWN: S.Mitra
DESIGNED: R.Mittal
SURVEYED: S.Sharma

SCALE: 1:1000
DATE: 16-12-2004

APPROVE

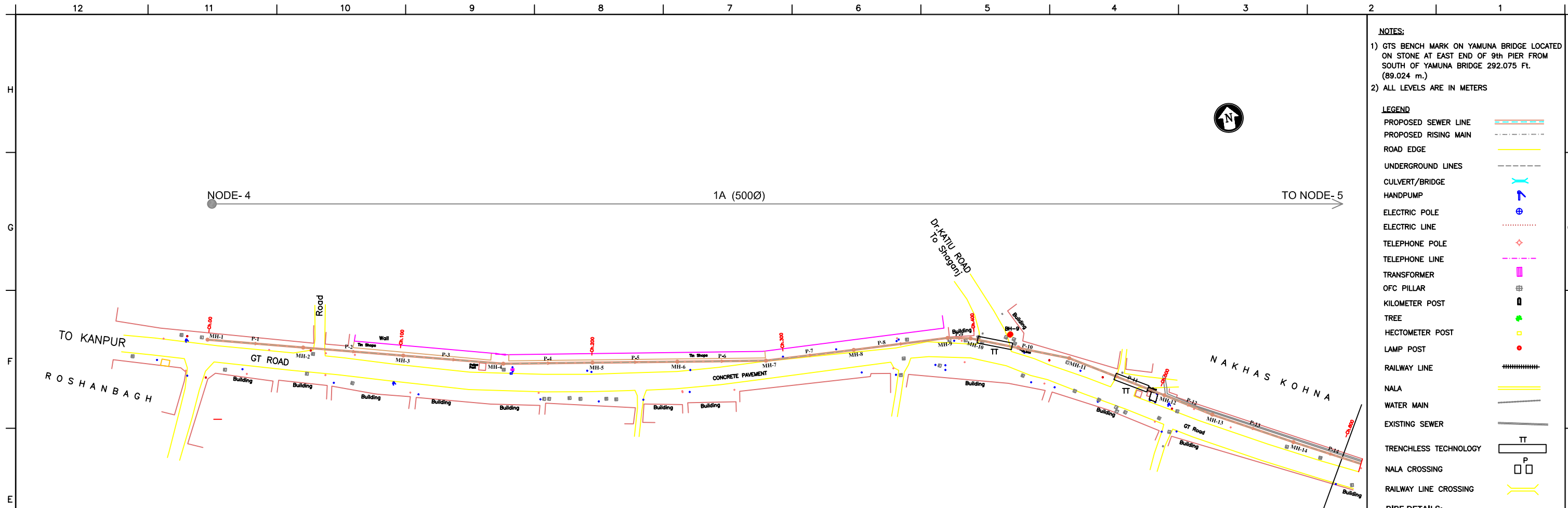
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 CTI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

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

SHEET CONTENTS:
KEY PLAN OF PROPOSED SEWERS (DISTRICT-A)

DRAWING NO.	SHT. NO.
ALD-SE-A-1	5



- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 Ft. (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
- PIPE DETAILS:**
- PIPE ID
LENGTH-DIA
MATERIAL
SLOPE
- REFERENCE DRAWING:**

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

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED
CHECKED BY:	A.Bhatnagar	APPROVED BY:	D.Sarkar
DRAWN	S.Mitra	CHECK	APPROVE
DESIGNED	R.Mittal	SCALE	H=1:1000 V=1:100
SURVEYED	S.Sharma	DATE	15-12-2004

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS:

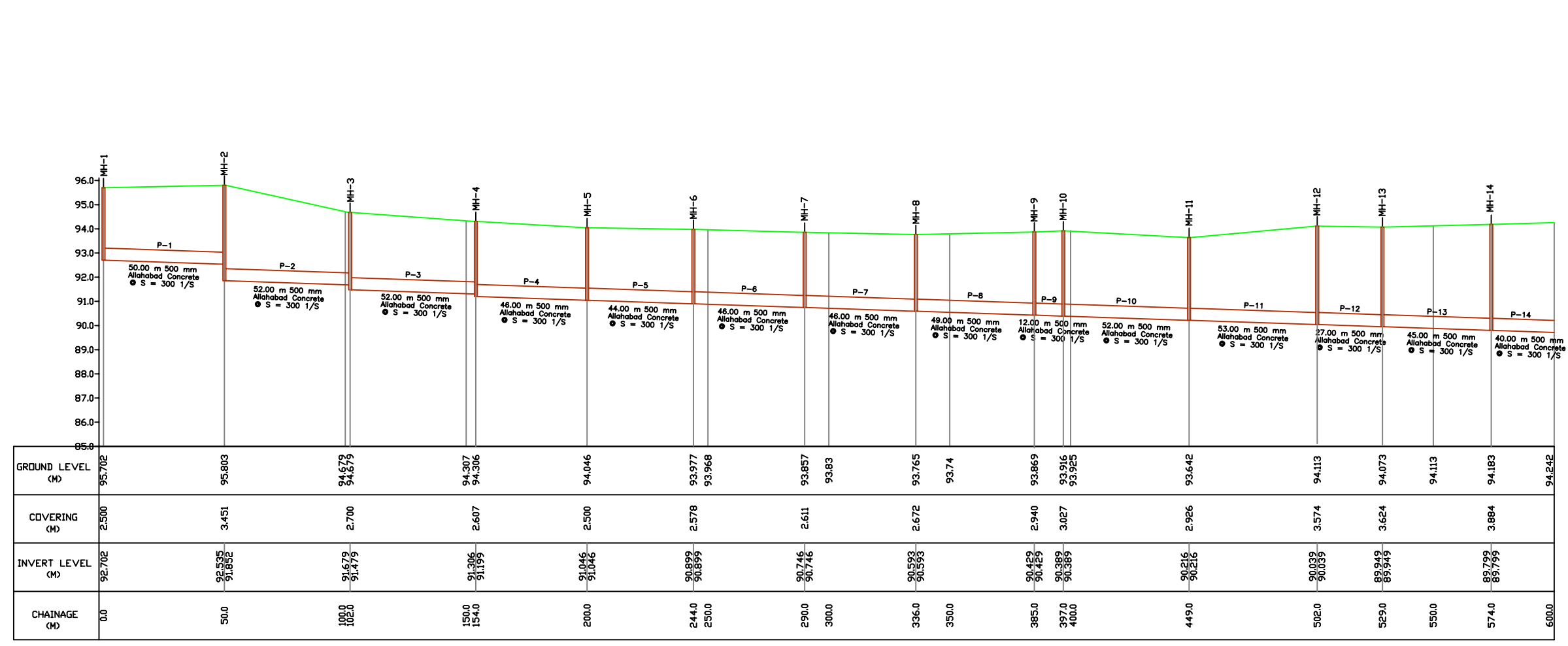
 TOKYO ENGINEERING CONSULTANTS CO., LTD.
 CTI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

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

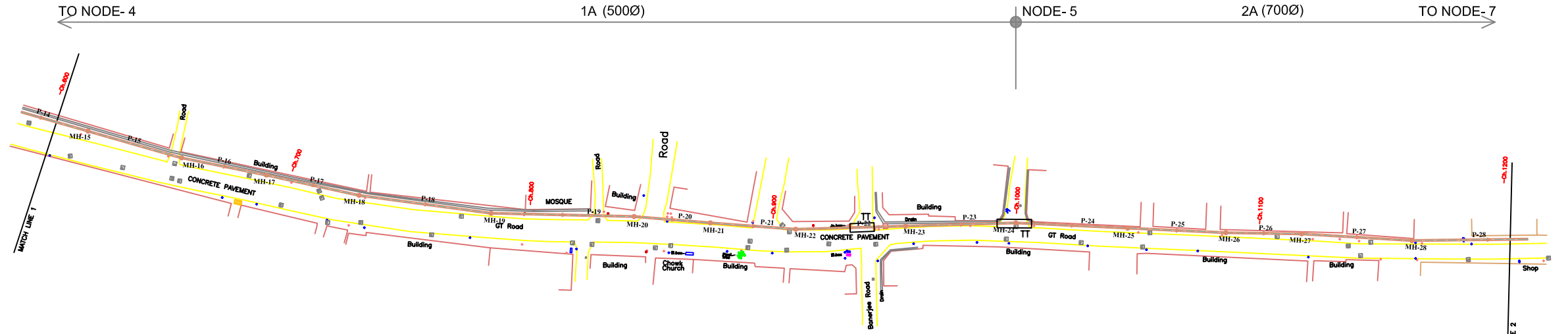
CORRIDOR: District : A
 G.T ROAD
 Node : 4 - 5 - 7

SHEET CONTENTS: PLAN AND PROFILE (1/4)
 (Proposed Sewer Line)
 (Ch. 00 - 600)

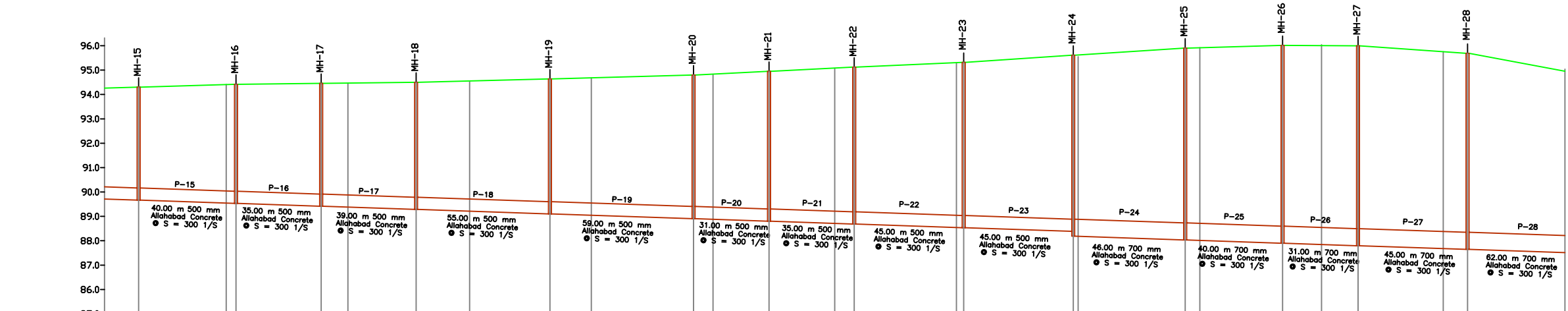
DRAWING NO.	ALD-SE-A (GTR)-1	SHT. NO.	6
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L-SECTION



PLAN



GROUND LEVEL (M)	94.242	94.299	94.411	94.418	94.455	94.464	94.499	94.521	94.636	94.681	94.797	94.81	94.948	95.075	95.121	95.283	95.315	95.610	95.55	95.900	95.922	96.011	96.043	95.997	95.916	95.688	95.039	
COVERING (M)		4.133		4.133	4.539		4.723		5.033		5.391		5.645	5.935		6.279		6.724		7.167		7.412		7.501		7.342		
INVERT LEVEL (M)		89.666		89.533	89.533	89.416		89.286	89.286	89.103		88.906	88.906	88.803		88.536	88.536	88.386	88.186		88.033	88.033	87.899	87.899	87.796	87.796	87.646	87.646
CHAINAGE (M)	600.0	614.0	650.0	654.0	689.0	700.0	728.0	750.0	783.0	800.0	842.0	850.0	873.0	900.0	908.0	950.0	953.0	998.0	1000.0		1044.0	1050.0	1084.0	1100.0	1115.0	1150.0	1160.0	1200.0

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 Ft. (89.024 m.)
 - ALL LEVELS ARE IN METERS
- LEGEND**
- PROPOSED SEWER LINE
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 - EXISTING SEWER
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 - NALA CROSSING
 - RAILWAY LINE CROSSING
- PIPE DETAILS:**
- PIPE ID
LENGTH-DIA
MATERIAL
SLOPE
- REFERENCE DRAWING:**

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV NO.	0	1	2	3	4
REV.	DESCRIPTION OF REVISIONS		DATE	CHECKED	
CHECKED BY:	A.Bhatnagar		APPROVED BY:		
CHECK			D.Sarkar		
DRAWN	S.Mitra	APPROVE			
DESIGNED	R.Mittal	SCALE	H=1:1000 V=1:100		
SURVEYED	S.Sharma	DATE	15-12-2004		

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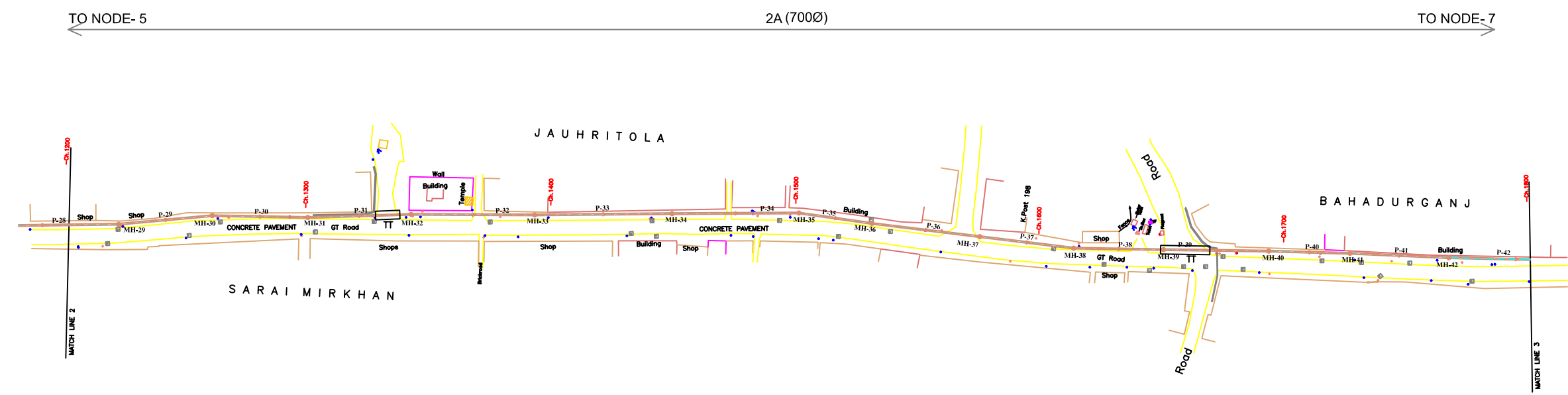
PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : A
 G.T ROAD
 Node : 4 - 5 - 7

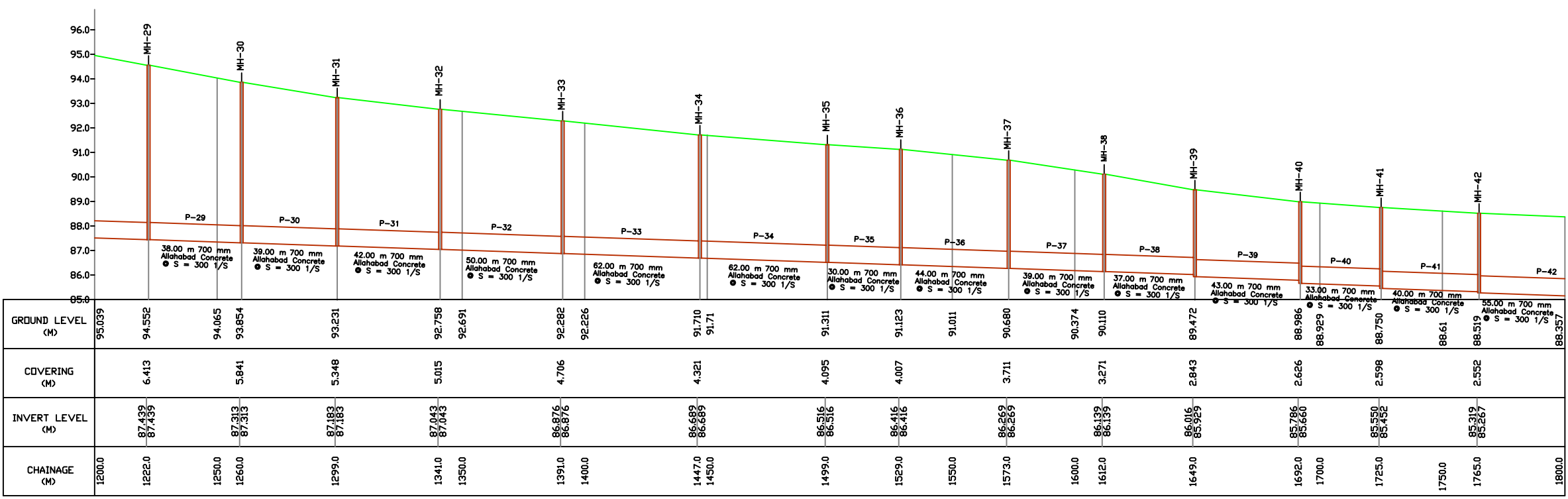
SHEET CONTENTS: PLAN AND PROFILE (2/4)
 (Proposed Sewer Line)
 (Ch. 600 - 1200)

DRAWING NO. ALD-SE-A (GTR)-2 **SHT. NO.** 7

- NOTES:**
- GTS BENCH MARK ON YAMUNA BRIDGE LOCATED ON STONE AT EAST END OF 9th PIER FROM SOUTH OF YAMUNA BRIDGE 292.075 Ft. (89.024 m.)
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 - NALA CROSSING
 - RAILWAY LINE CROSSING
- PIPE DETAILS:**
- PIPE ID
LENGTH-DIA
MATERIAL
SLOPE
- REFERENCE DRAWING:**

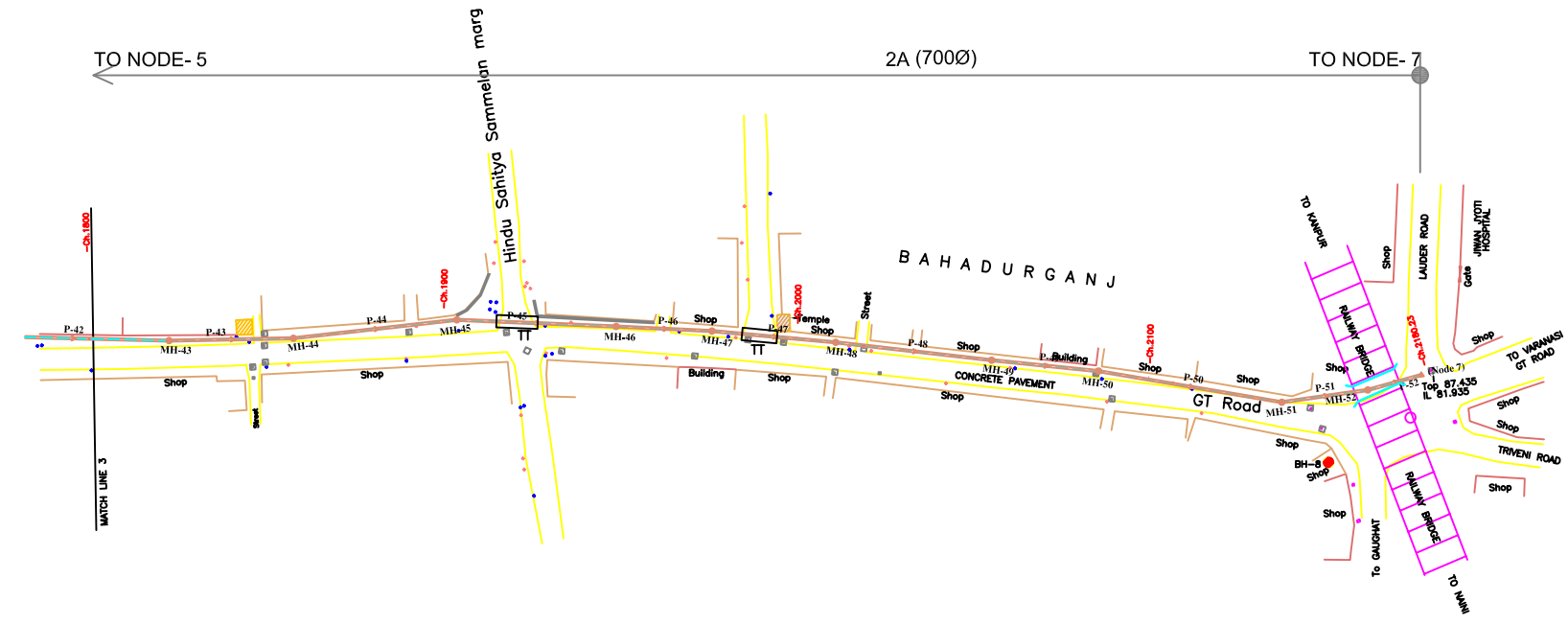


PLAN

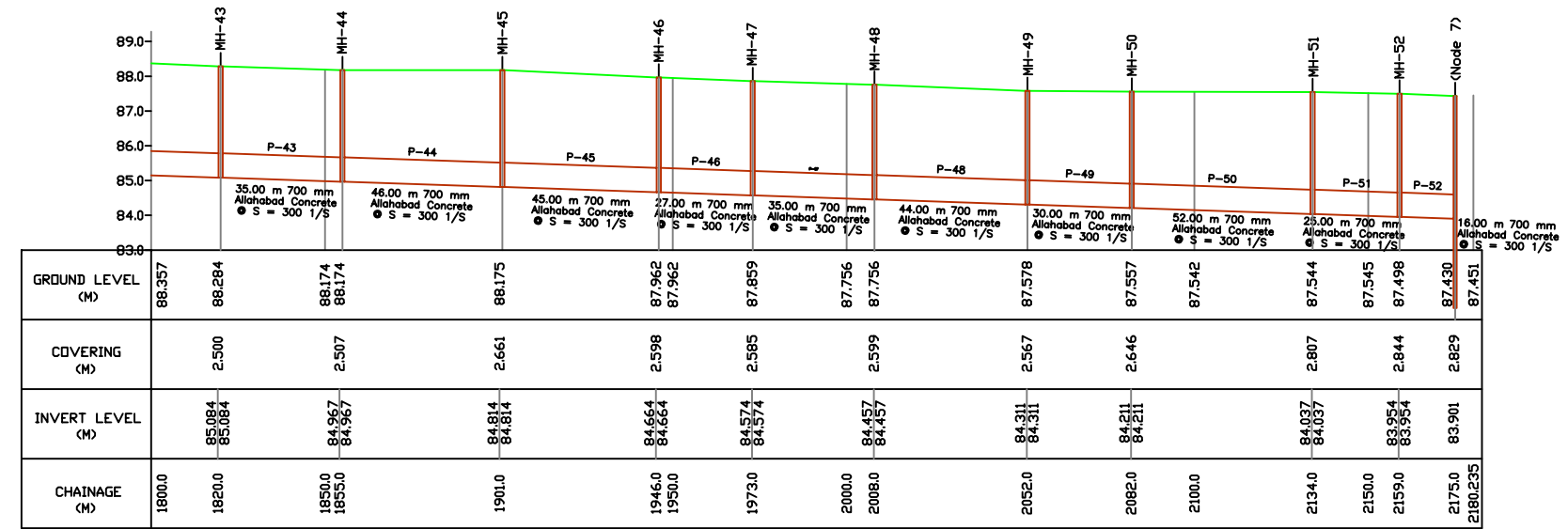


L-SECTION

INST.					
ELEC.					
MECH.					
STRU.					
CIVIL					
REV. NO.	0	1	2	3	4
REV.	DESCRIPTION OF REVISIONS		DATE	CHECKED	
CHECKED BY:	A.Bhatnagar		APPROVED BY:	D.Sarkar	
DRAWN	S.Mitra	CHECK	APPROVE		
DESIGNED	R.Mittal	SCALE	H=1:1000 V=1:100		
SURVEYED	S.Sharma	DATE	15-12-2004		
PROJECT: THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA FEASIBILITY STUDY FOR ALLAHABAD CITY					
CORRIDOR: District : A G.T ROAD Node : 4 - 5 - 7					
SHEET CONTENTS: PLAN AND PROFILE (3/4) (Proposed Sewer Line) (Ch. 1200 - 1800)					
DRAWING NO. ALD-SE-A (GTR)-3					SHT. NO. 8



PLAN



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 Ft. (89.024 m.)
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- PIPE ID
LENGTH-DIA
MATERIAL
SLOPE
- REFERENCE DRAWING:**

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

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED

CHECKED BY: A.Bhatnagar
APPROVED BY: D.Sarkar

DRAWN: S.Mitra
DESIGNED: R.Mittal
SURVEYED: S.Sharma

SCALE: H=1:1000, V=1:100
DATE: 15-12-2004

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
 G.T ROAD
 Node : 4 - 5 - 7

SHEET CONTENTS: PLAN AND PROFILE (4/4)
 (Proposed Sewer Line)
 (Ch. 1800 - 2180.23)

DRAWING NO.	SHT. NO.
ALD-SE-A (GTR)-4	9