

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

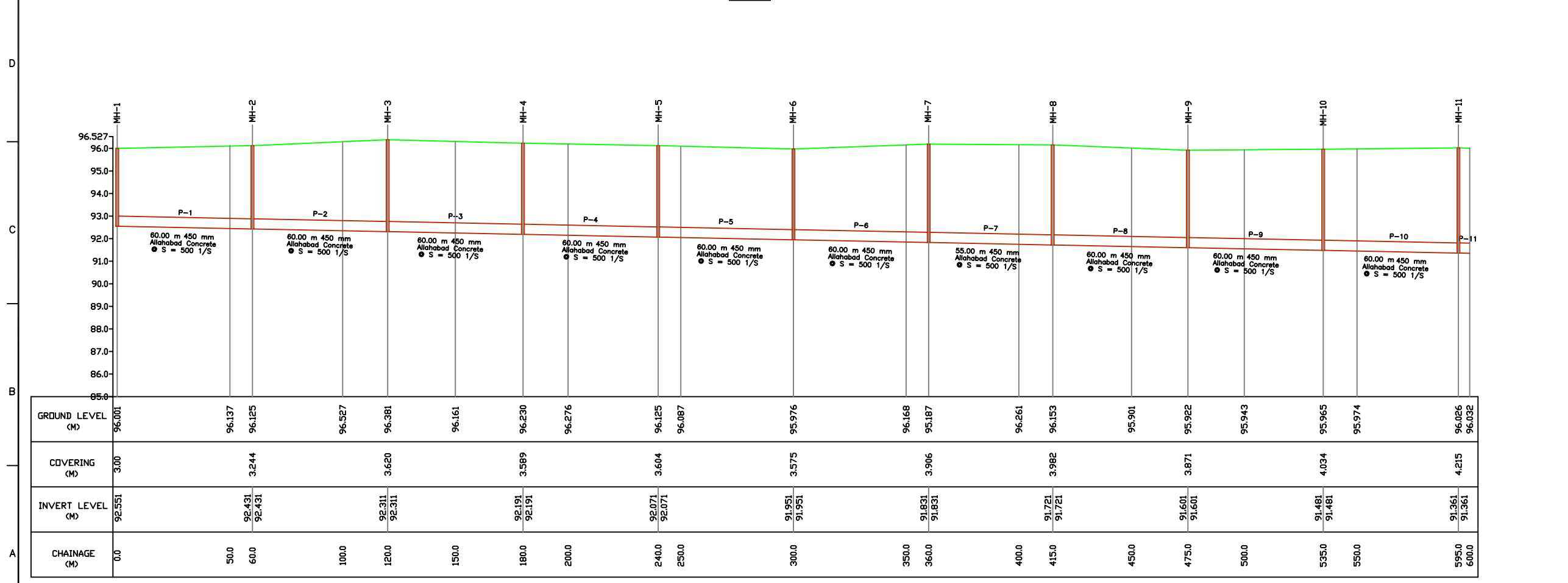
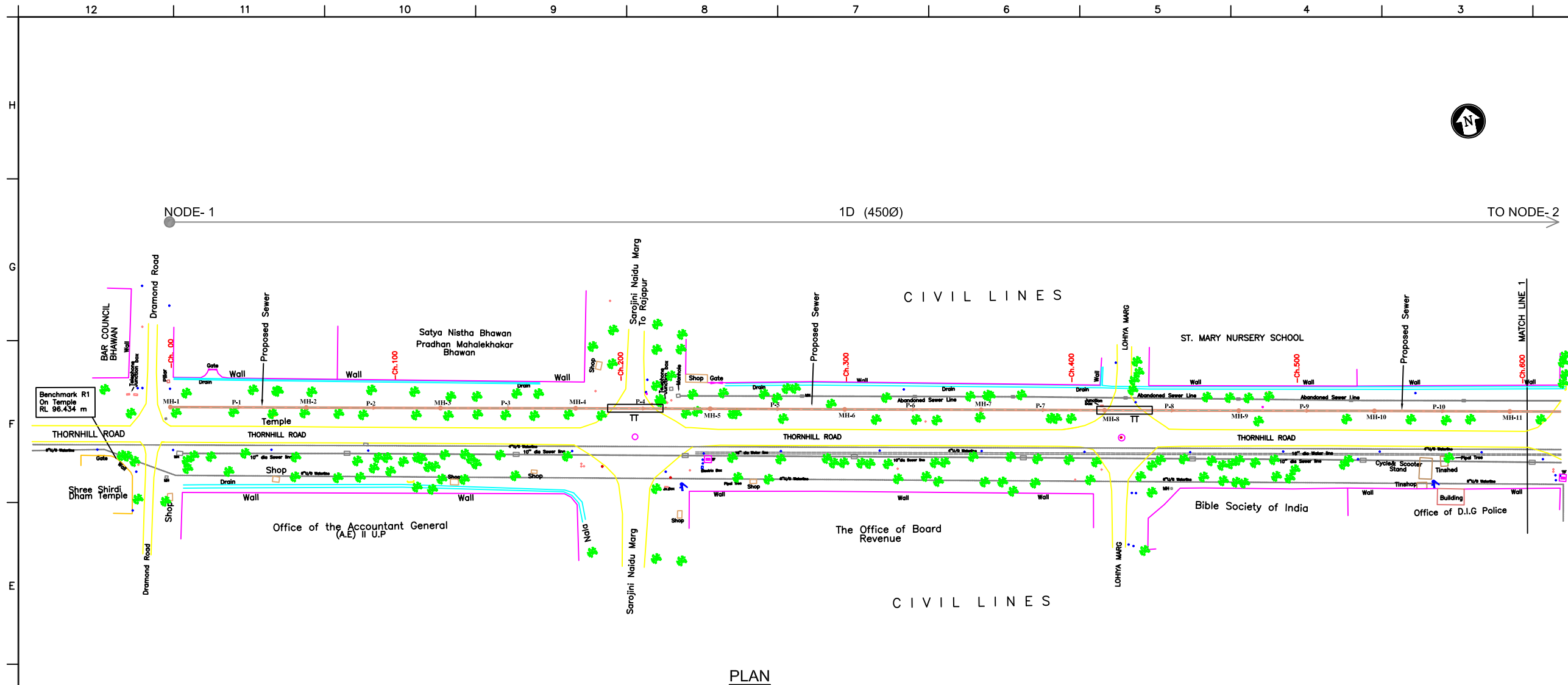
JICA JAPAN INTERNATIONAL COOPERATION AGENCY

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

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

DRAWING NO.	SHT. NO.
ALD-SE-D-1	24



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
- 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.					
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	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 : D
 THORNHILL AND STANLEY ROAD
 Node : 1 - 2 - 4 - Mumfordganj PS

SHEET CONTENTS: PLAN AND PROFILE (1/6)
 (Proposed Sewer Line)
 (Ch. 00 - 600)

DRAWING NO.	ALD-SE-D (TH-S)-1	SHT. NO.	25
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- 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		DESIGNED: R.Mittal	
SURVEYED: S.Sharma		SCALE: H=1:1000 V=1:100	
		DATE: 15-12-2004	

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

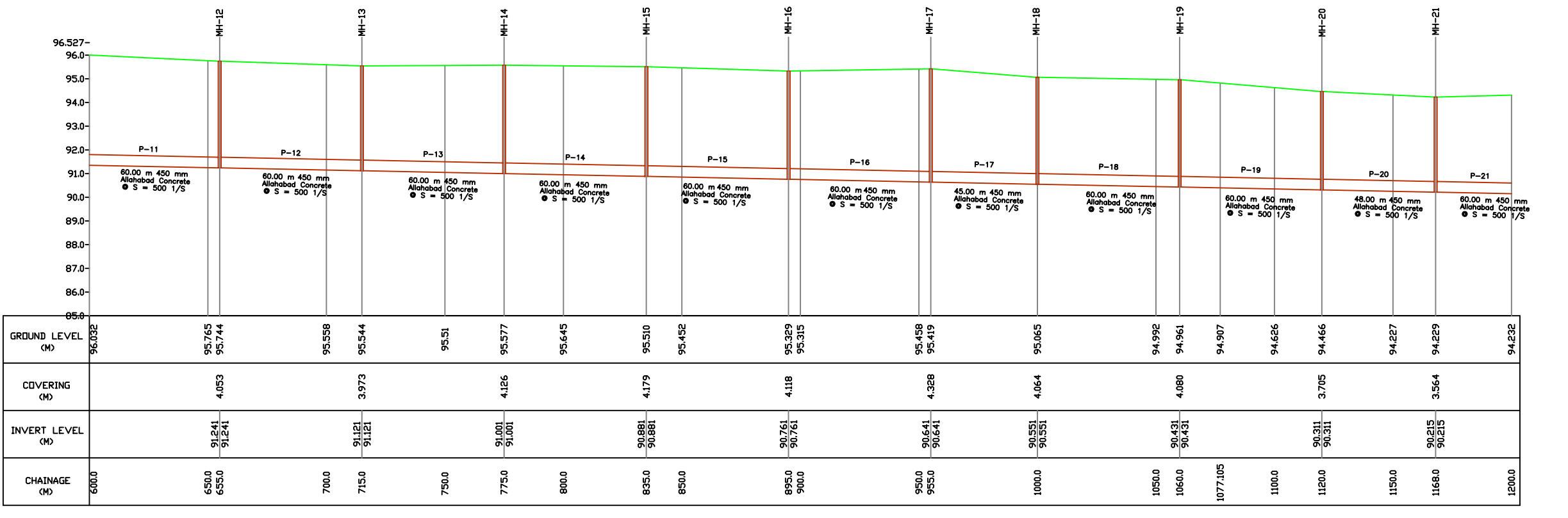
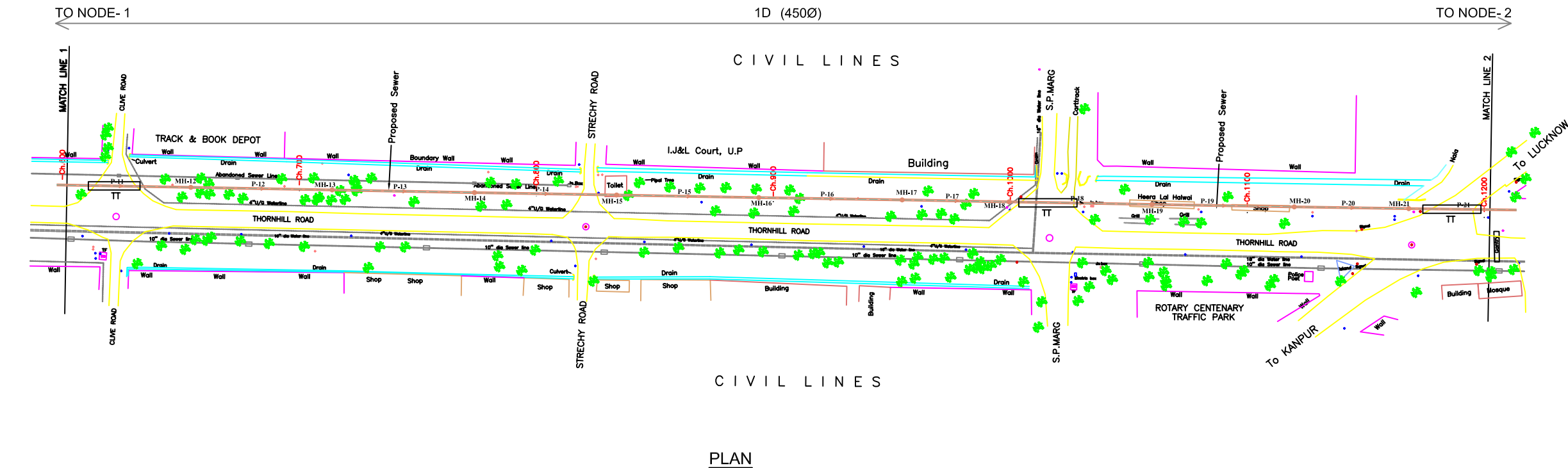
CONSULTANTS:
 TOKYO ENGINEERING CONSULTANTS CO., LTD.
 CITI ENGINEERING INTERNATIONAL CO., LTD.
 STUP CONSULTANTS LTD.

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

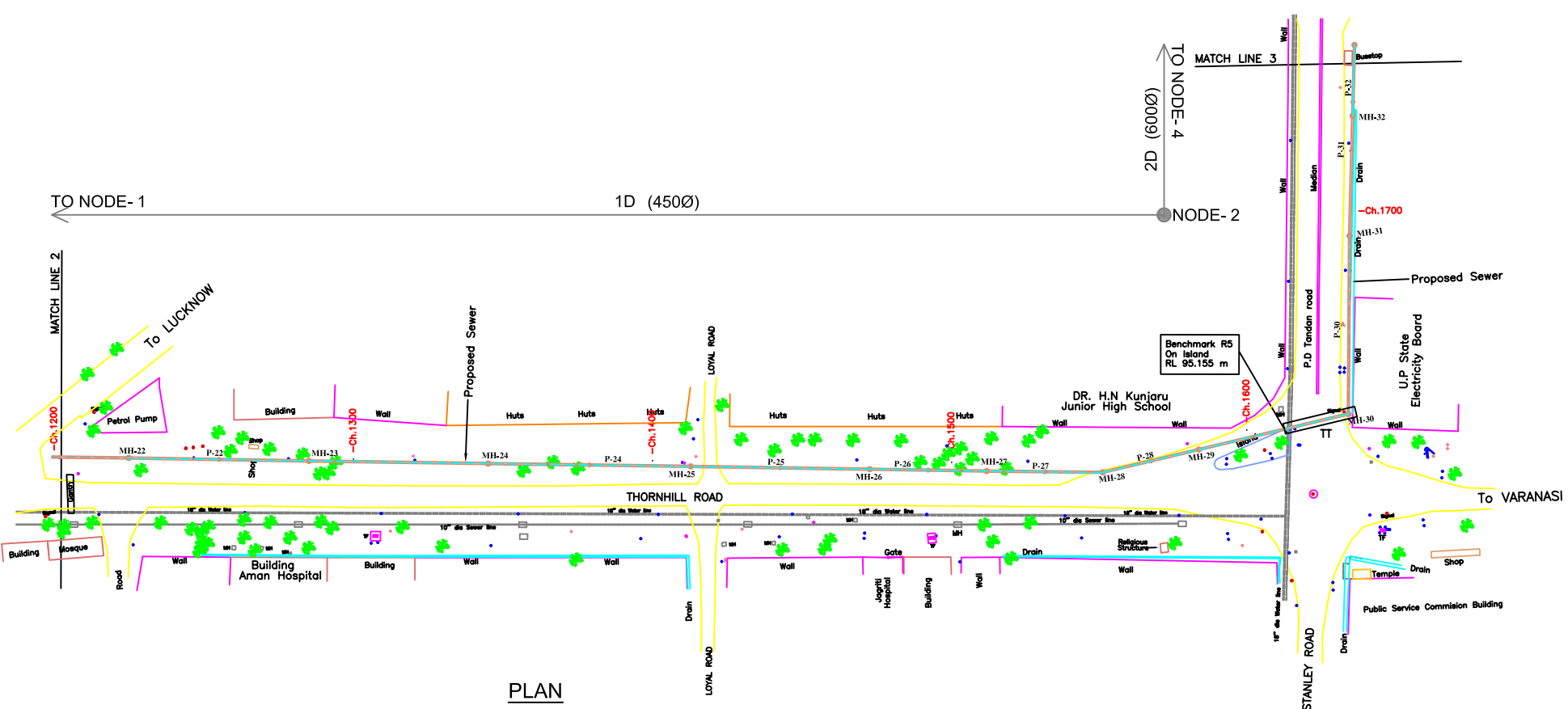
CORRIDOR: District : D
 THORNHILL AND STANLEY ROAD
 Node : 1 - 2 - 4 - Mumfordganj PS

SHEET CONTENTS: PLAN AND PROFILE (2/6)
 (Proposed Sewer Line)
 (Ch. 600 - 1200)

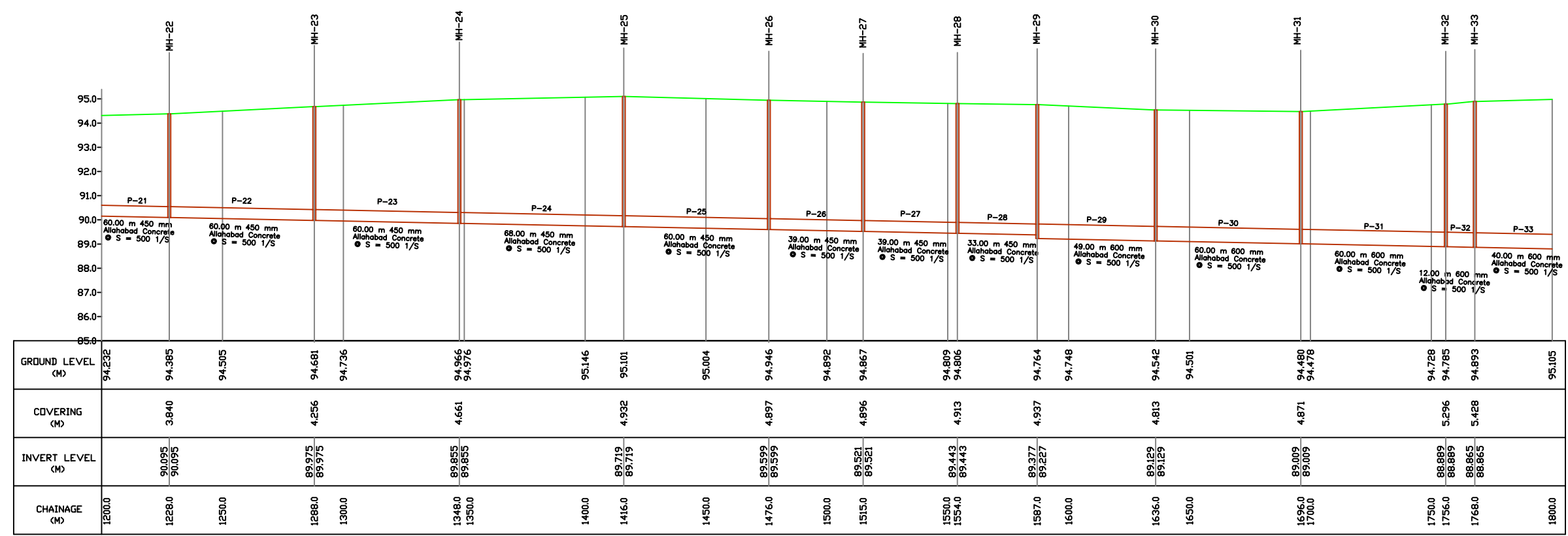
DRAWING NO.	SHT. NO.
ALD-SE-D (TH-S)-2	26



L-SECTION



PLAN



L-SECTION

NOTES:
 1) 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.)
 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
- 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
 CHECKED BY: S.Mitra
 APPROVED BY: D.Sarkar
 APPROVED BY: 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 : D
 THORNHILL AND STANLEY ROAD
 Node : 1 - 2 - 4 - Mumfordganj PS

SHEET CONTENTS: PLAN AND PROFILE (3/6)
 (Proposed Sewer Line)
 (Ch. 1200 - 1800)

DRAWING NO. ALD-SE-D (TH-S)-3
SHT. NO. 27



- 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		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.

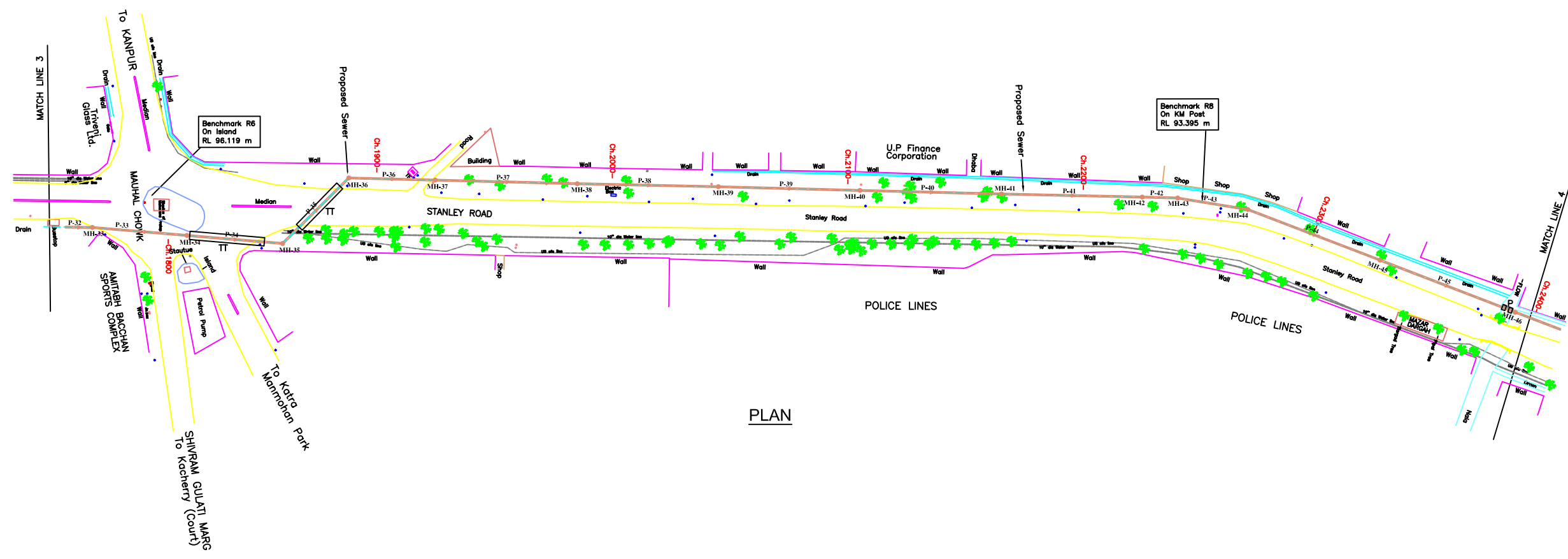
PROJECT:
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA
 FEASIBILITY STUDY FOR ALLAHABAD CITY

CORRIDOR: District : D
 THORNHILL AND STANLEY ROAD
 Node : 1 - 2 - 4 - Mumfordganj PS

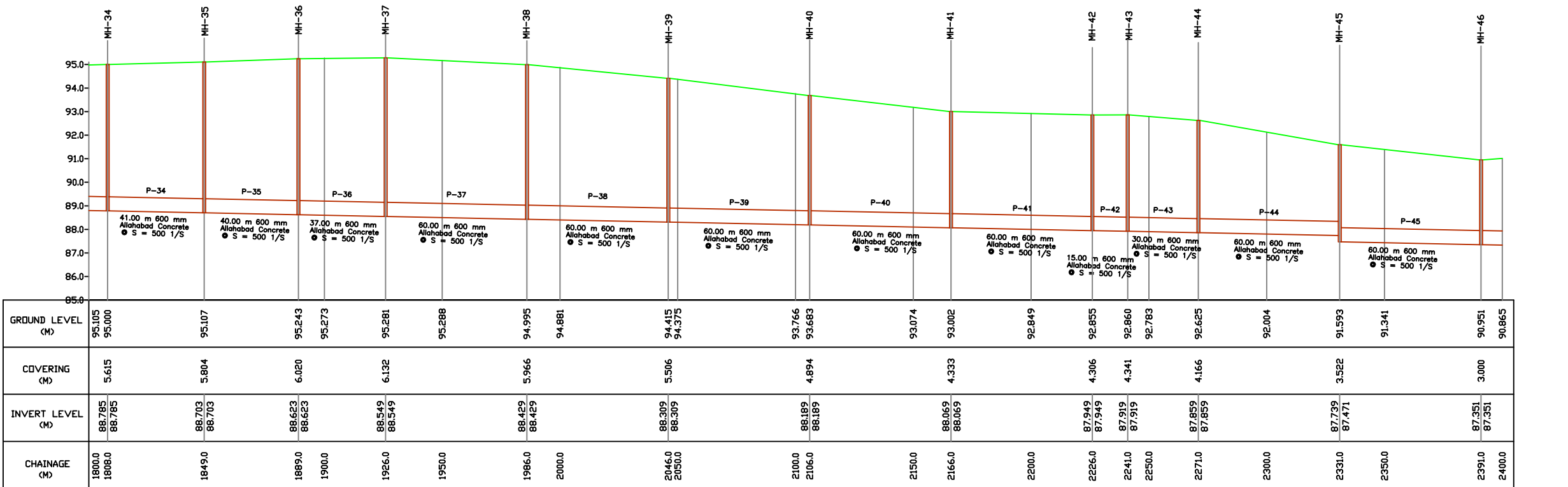
SHEET CONTENTS: PLAN AND PROFILE (4/6)
 (Proposed Sewer Line)
 (Ch. 1800 - 2400)

DRAWING NO. ALD-SE-D (TH-S)-4	SHT. NO. 28
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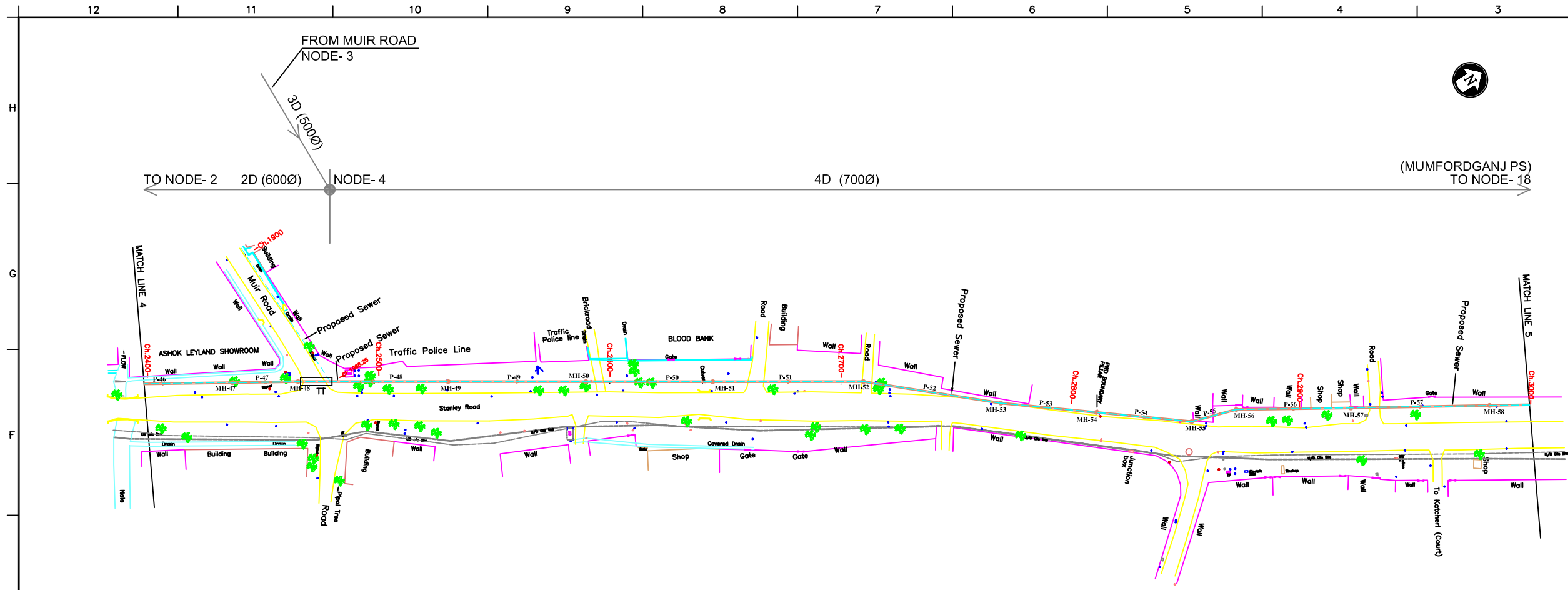
TO NODE-2 2D (600Ø) TO NODE-4



PLAN



L-SECTION



PLAN

- 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
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 - 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

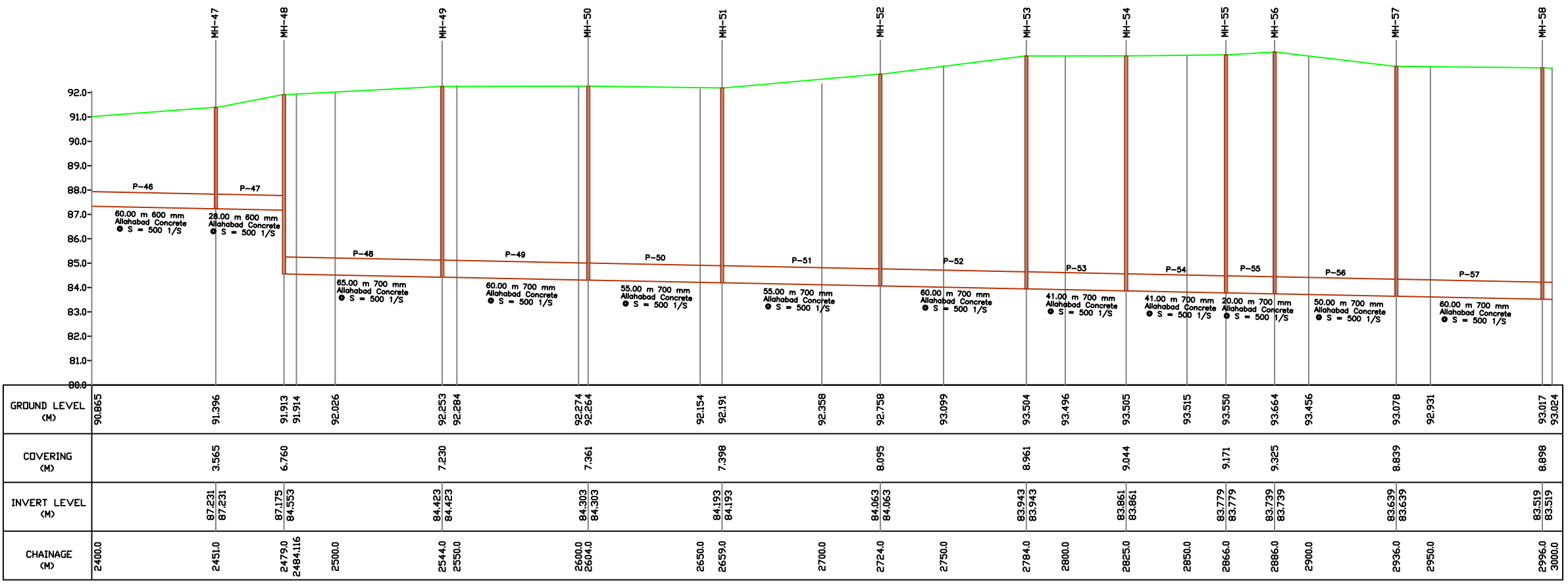
CONSULTANTS:

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

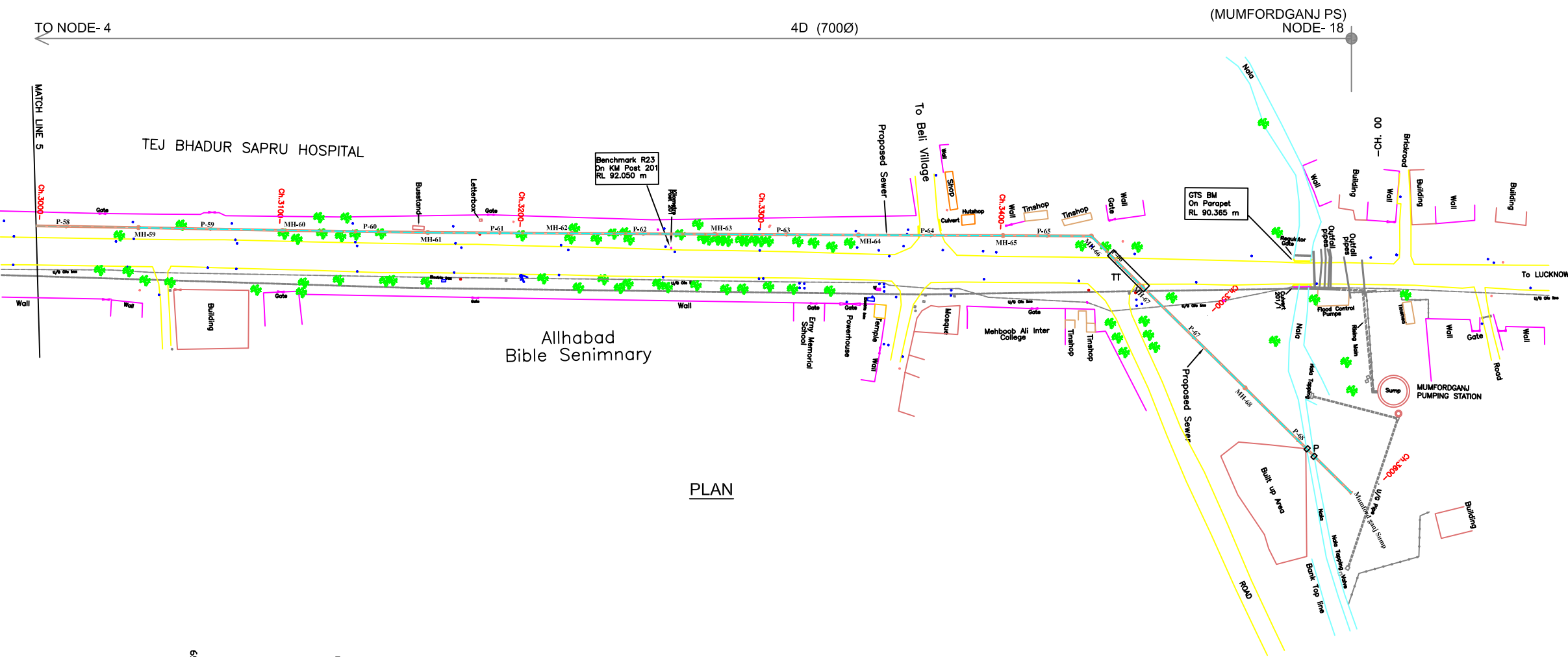
CORRIDOR: District : D
 THORNHILL AND STANLEY ROAD
 Node : 1 - 2 - 4 - Mumfordganj PS

SHEET CONTENTS: PLAN AND PROFILE (5/6)
 (Proposed Sewer Line)
 (Ch. 2400 - 3000)

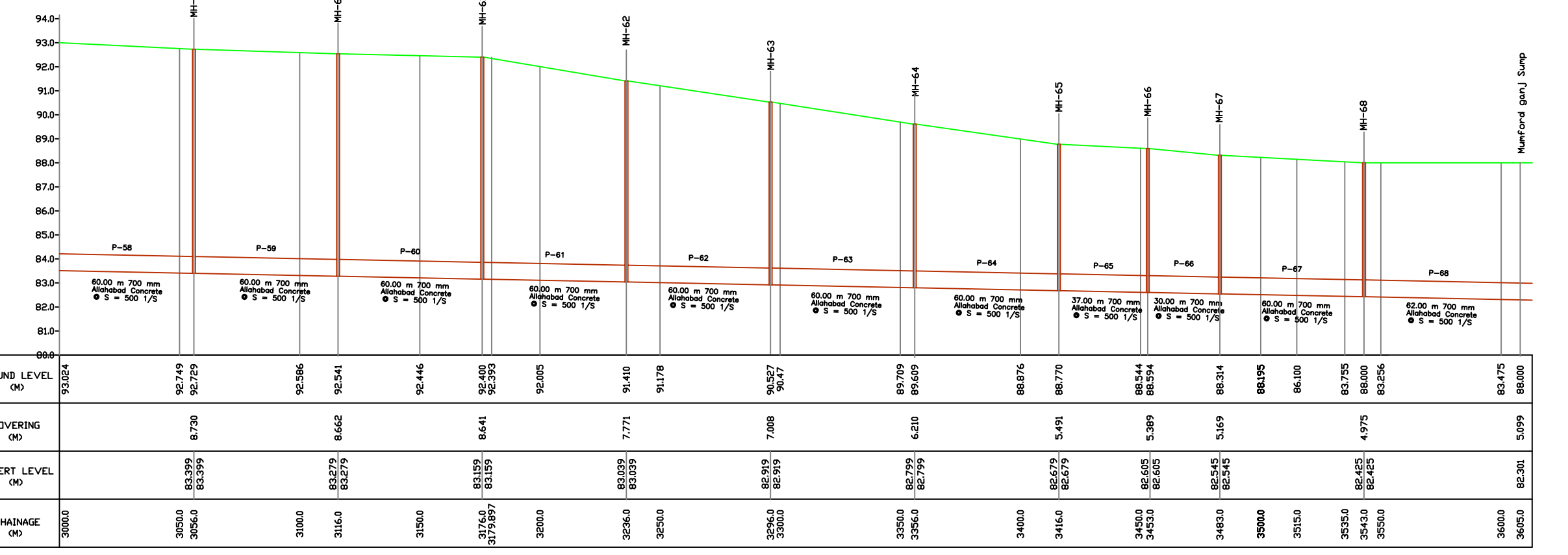
DRAWING NO. ALD-SE-D (TH-S)-5 **SHT. NO.** 29



L-SECTION



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.)
- 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:		
CHECK			D.Sarkar		
DRAWN	S.Mitra		APPROVE		
DESIGNED	R.Mittal		SCALE		
SURVEYED	S.Sharma		DATE		
			15-12-2004		
 JICA 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 : D THORNHILL AND STANLEY ROAD Node : 1 - 2 - 4 - Mumfordganj PS					
SHEET CONTENTS: PLAN AND PROFILE (6/6) (Proposed Sewer Line) (Ch. 3000 - 3600)					
DRAWING NO.					SHT. NO
ALD-SE-D (TH-S)-6					30