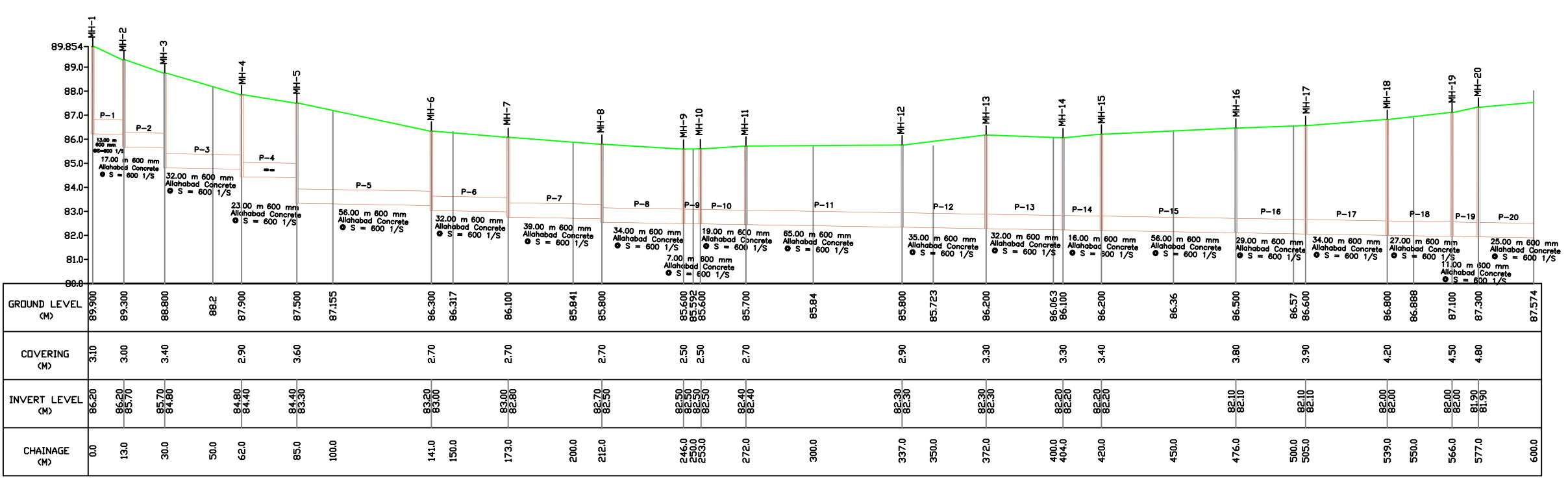


PLAN



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.					
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

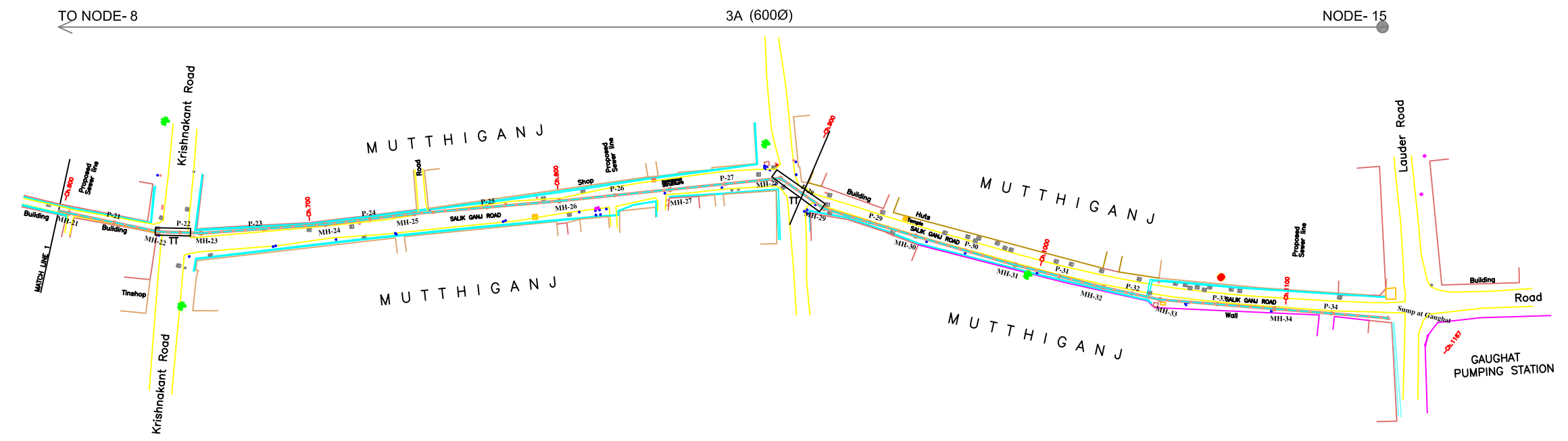
CONSULTANTS:

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

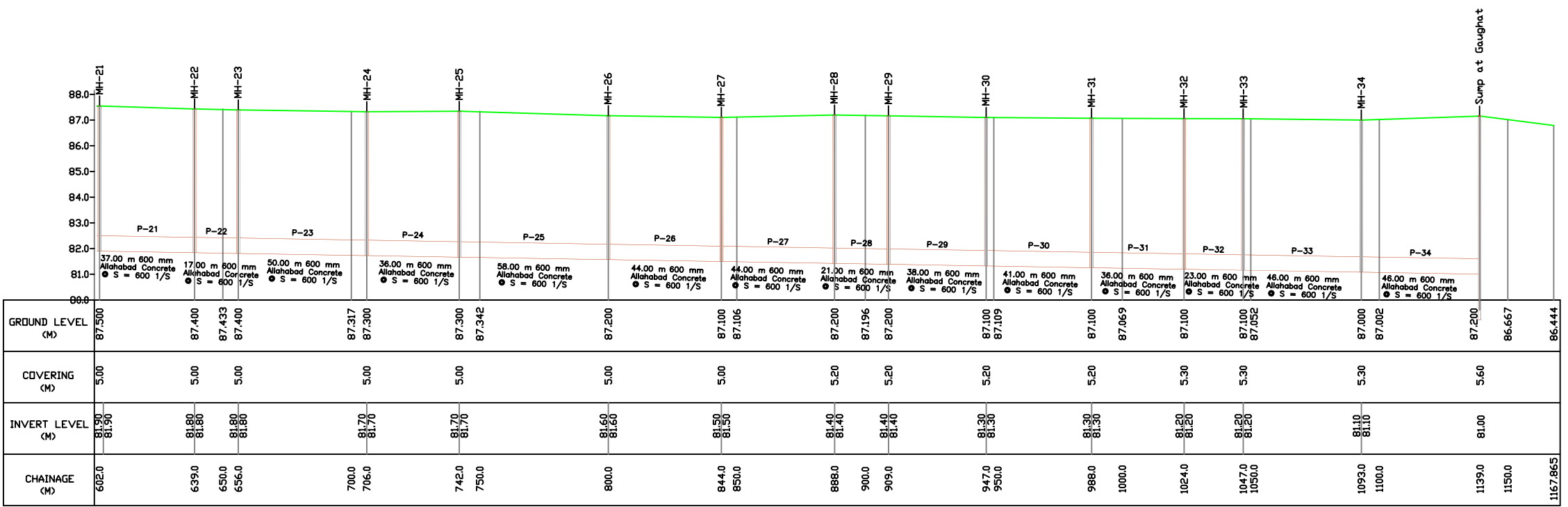
**CORRIDOR:** District : A  
 SALIK GANJ ROAD  
 Node : 8 - 15

**SHEET CONTENTS:** PLAN AND PROFILE (1/2)  
 (Proposed Sewer and Rising Main)  
 (Ch. 00 - 600)

**DRAWING NO.** ALD-SE-A (SGR)-1  
**SHT. NO.** 10



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: D.Sarkar	
	CHECK		APPROVE
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:

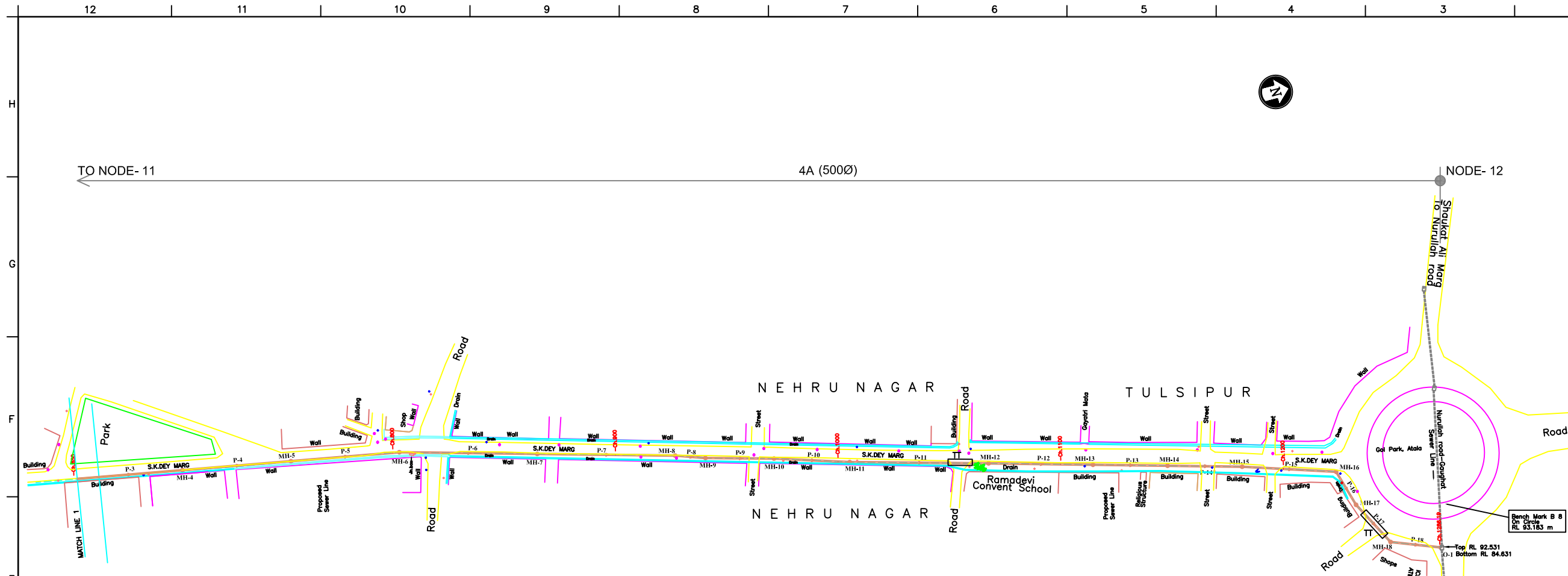
**PROJECT:**  
 THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA  
 FEASIBILITY STUDY FOR ALLAHABAD CITY

**CORRIDOR:** District : A  
 SALIK GANJ ROAD  
 Node : 8 - 15

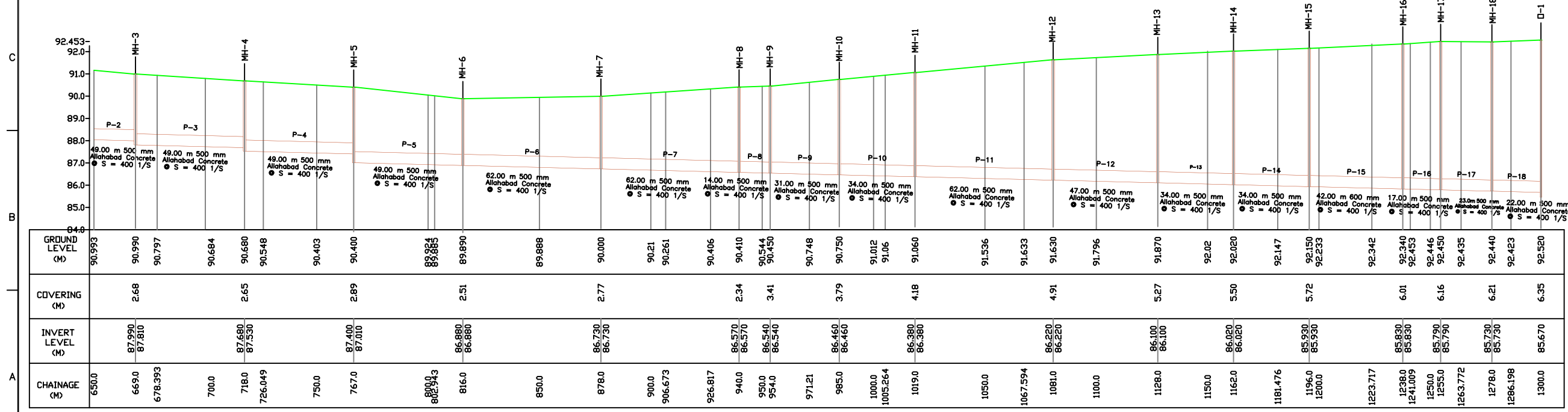
**SHEET CONTENTS:** PLAN AND PROFILE (2/2)  
 (Proposed Sewer and Rising Main)  
 (Ch. 600 - 1167)

DRAWING NO.	ALD-SE-A (SGR)-2	SHT. NO.	11
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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:	D.Sarkar
DRAWN	S.Mitra	APPROVE	
DESIGNED	R.Mittal	SCALE	H=1:1000 V=1:100
SURVEYED	S.Sharma	DATE	07-12-2004

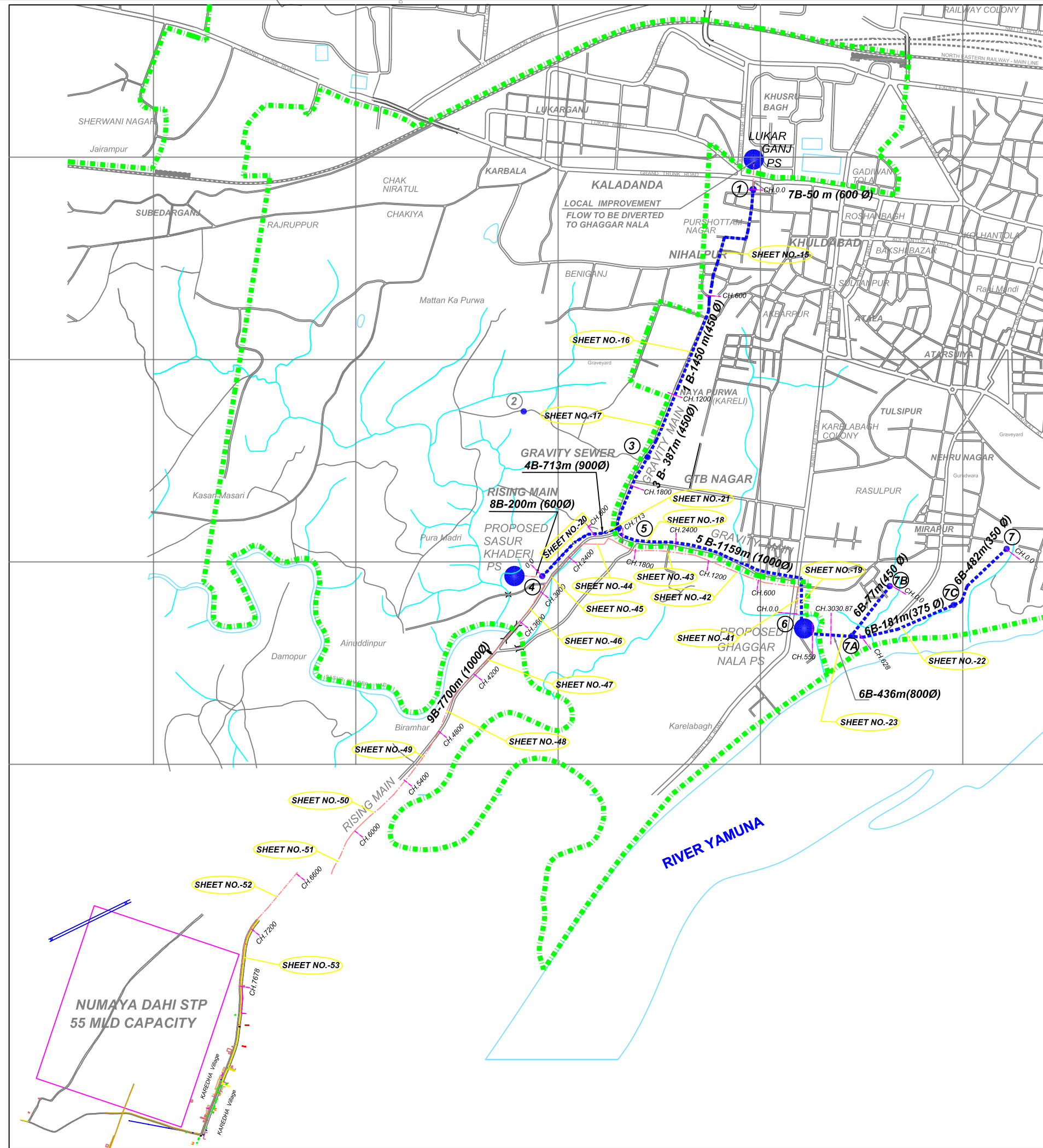
**JICA** JAPAN INTERNATIONAL COOPERATION AGENCY

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  
 S.K.DEY MARG  
 Node : 11 - 12

**SHEET CONTENTS:** PLAN AND PROFILE (2/2)  
 (Proposed Sewer Line)  
 (Ch. 650 - 1286.19)



**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

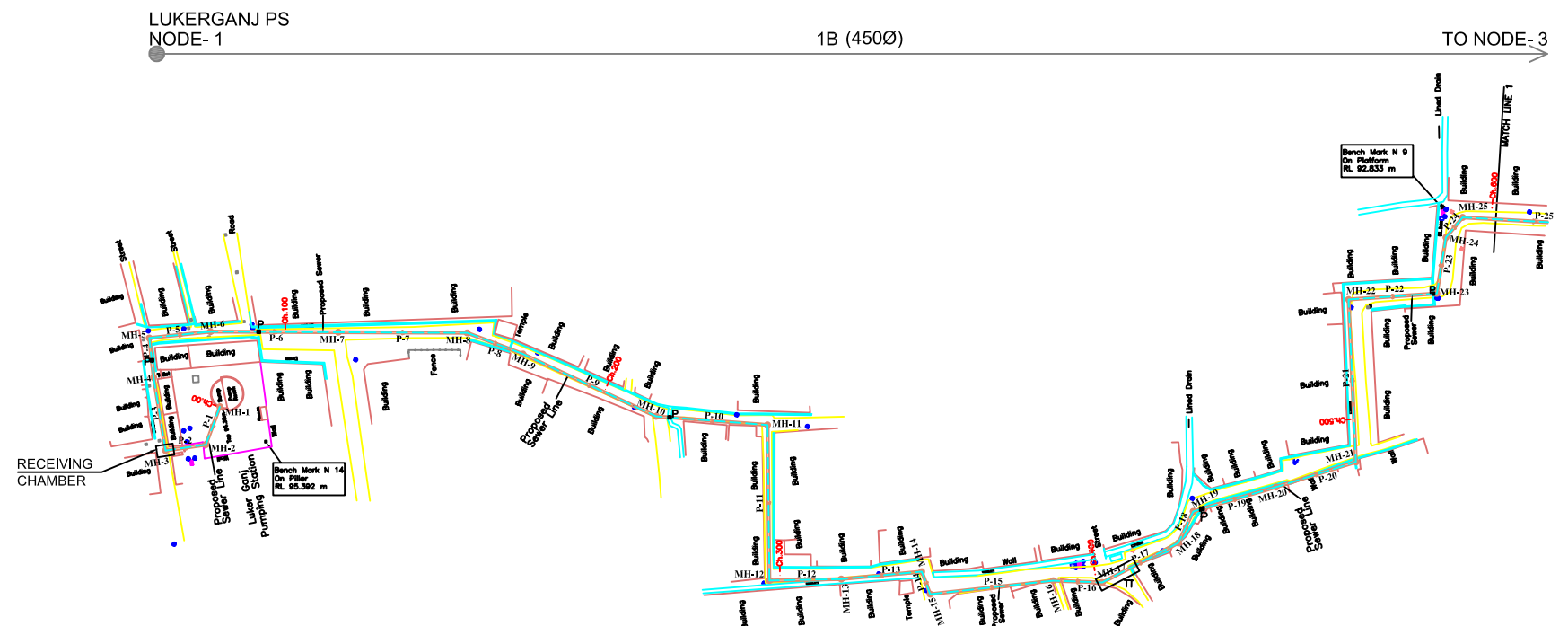
CHECKED BY: A.Bhatnagar CHECK		APPROVED BY: D.Sarkar APPROVE	
DRAWN	S.Mitra	SCALE	1:1000
DESIGNED	R.Mittal	DATE	16-12-2004
SURVEYED	S.Sharma		

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

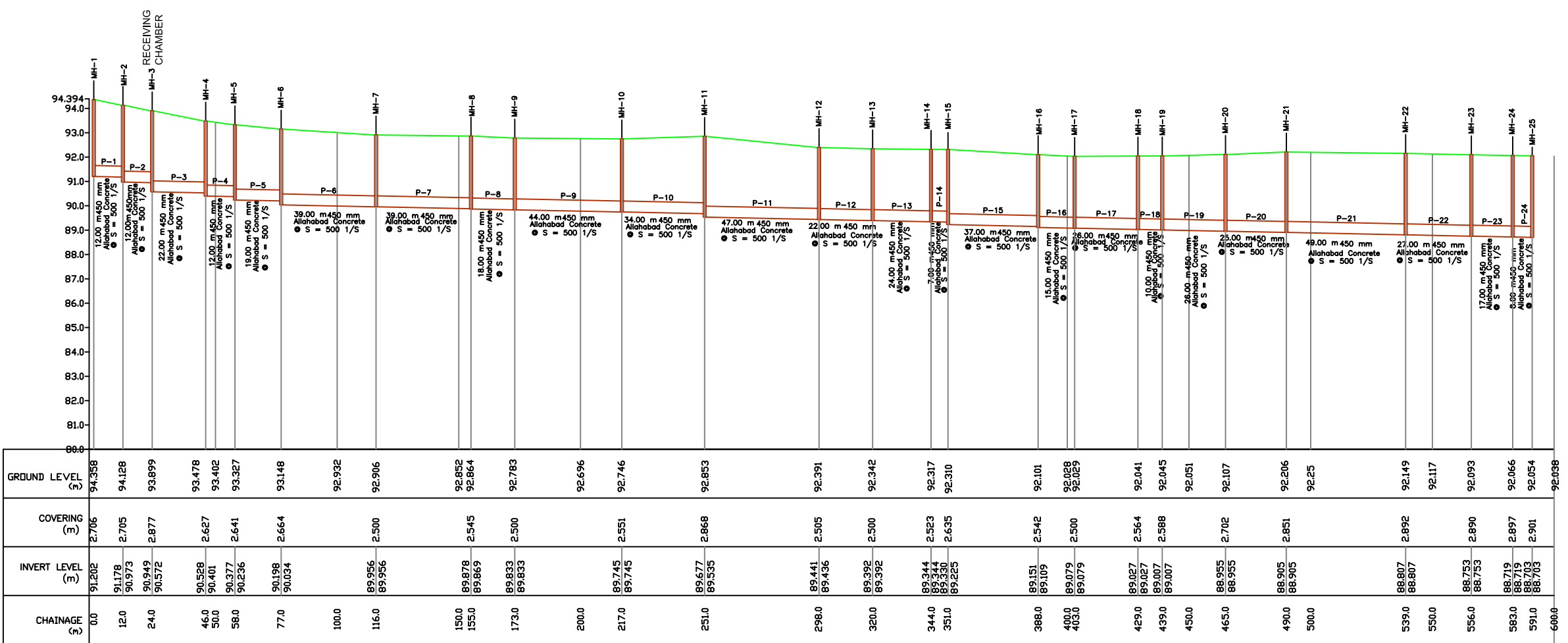
**PROJECT:**  
THE STUDY ON WATER QUALITY MANAGEMENT PLAN FOR GANGA RIVER IN THE REPUBLIC OF INDIA  
FEASIBILITY STUDY FOR ALLAHABAD CITY

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

DRAWING NO. ALD-SE-B-1	SHT. NO. 14
---------------------------	----------------



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	APPROVED BY:	D.Sarkar
DRAWN	M.Pahuja	SCALE	H=1:1000 V=1:100
DESIGNED	R.Mittal	DATE	15-12-2004
SURVEYED	S.Sharma		

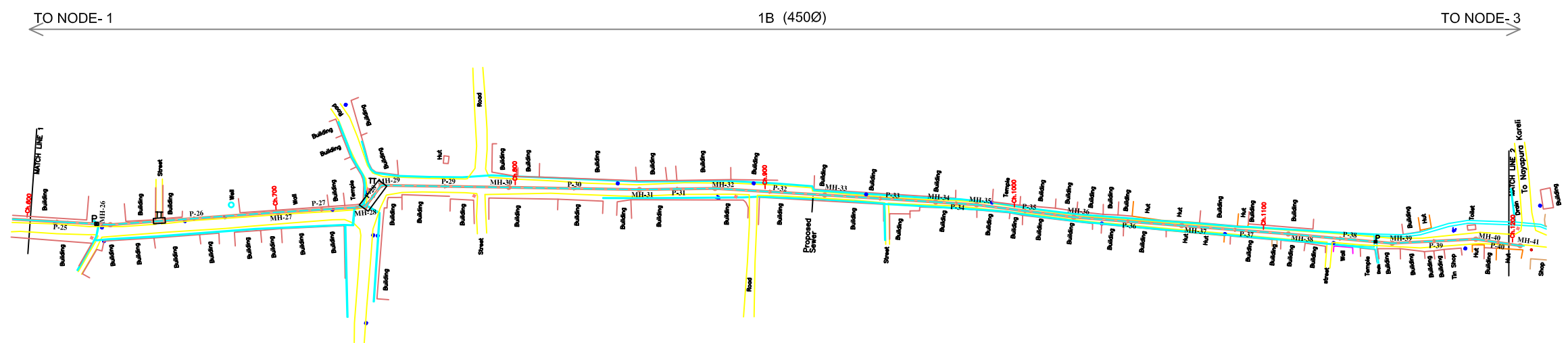
**JICA** JAPAN INTERNATIONAL COOPERATION AGENCY  
 CONSULTANTS:  
 TOKYO ENGINEERING CONSULTANTS CO., LTD.  
 CITI ENGINEERING INTERNATIONAL CO., LTD.  
 STUP CONSULTANTS LTD.

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

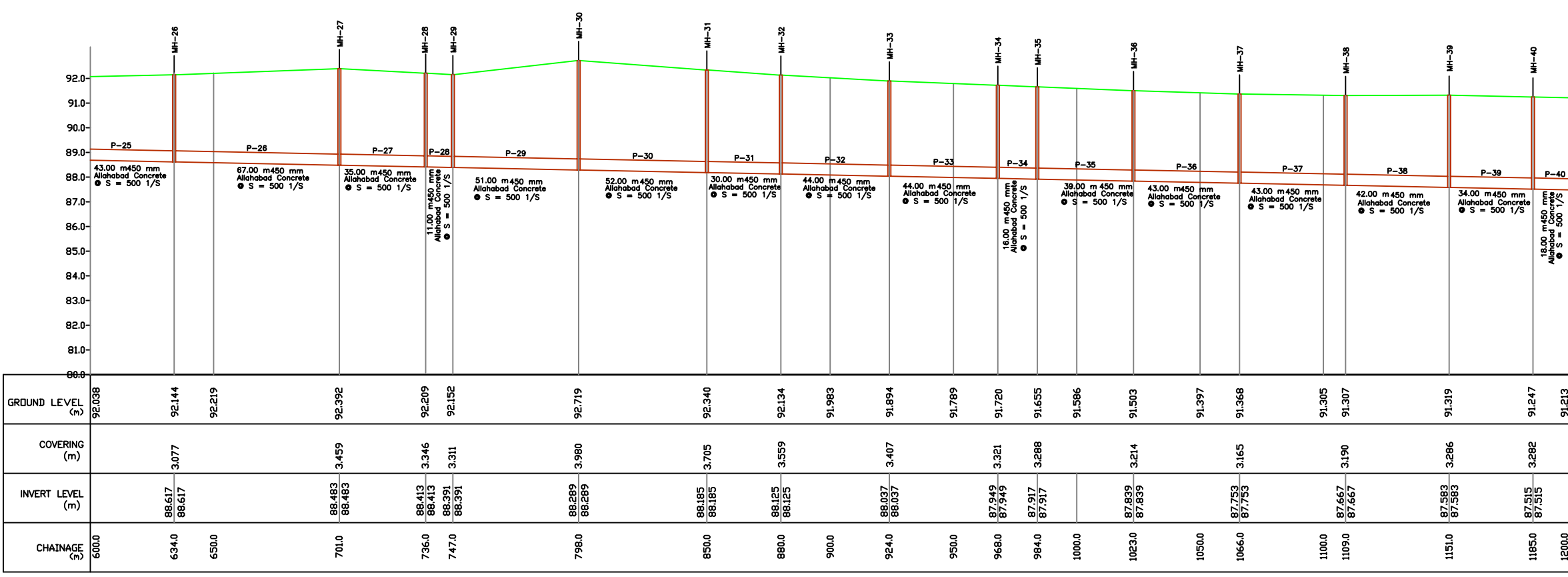
**CORRIDOR:** District : B  
 Lukerganj PS to Ghagger Nala PS  
 Node : LPS - 1 - 3 - 5 GPS

**SHEET CONTENTS:** PLAN AND PROFILE (1/5)  
 (Proposed Sewer Line)  
 (Ch. 00 - 600)

**DRAWING NO.** ALD-SE-B (LPS-GPS)-1  
**SHT. NO.** 15



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
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  - 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:**

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

REV.	DESCRIPTION OF REVISIONS	DATE	CHECKED

CHECKED BY: A.Bhatnagar  
CHECKED: M.Pahuja  
APPROVED BY: D.Sarkar  
APPROVE

DRAWN: M.Pahuja  
DESIGNED: R.Mittal  
SCALE: H=1:1000, V=1:100  
SURVEYED: S.Sharma  
DATE: 15-12-2004

**JICA** JAPAN INTERNATIONAL COOPERATION AGENCY

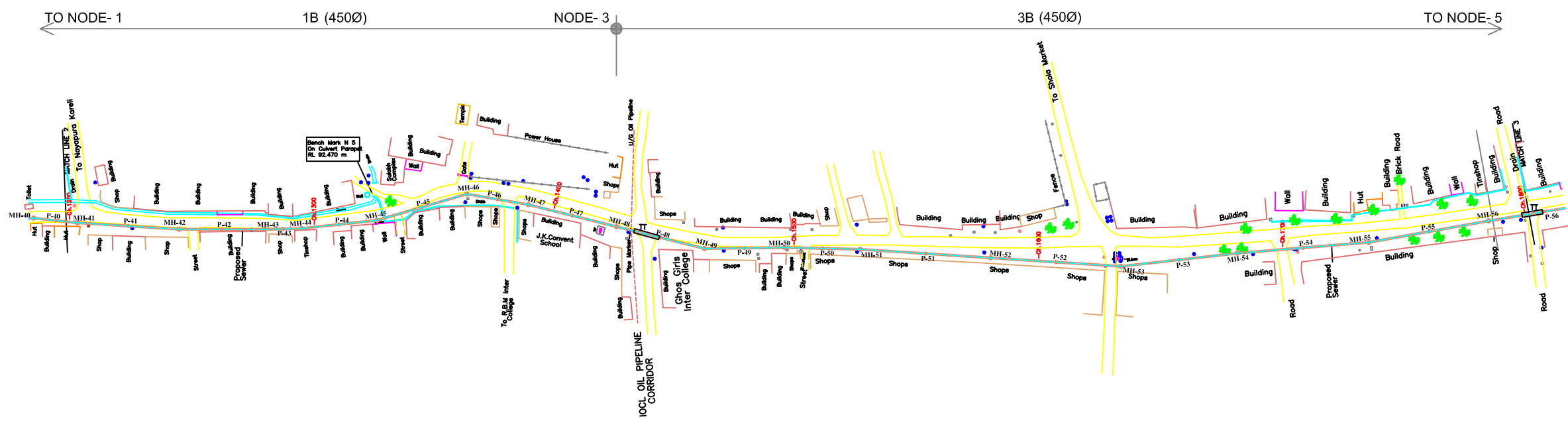
CONSULTANTS:

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

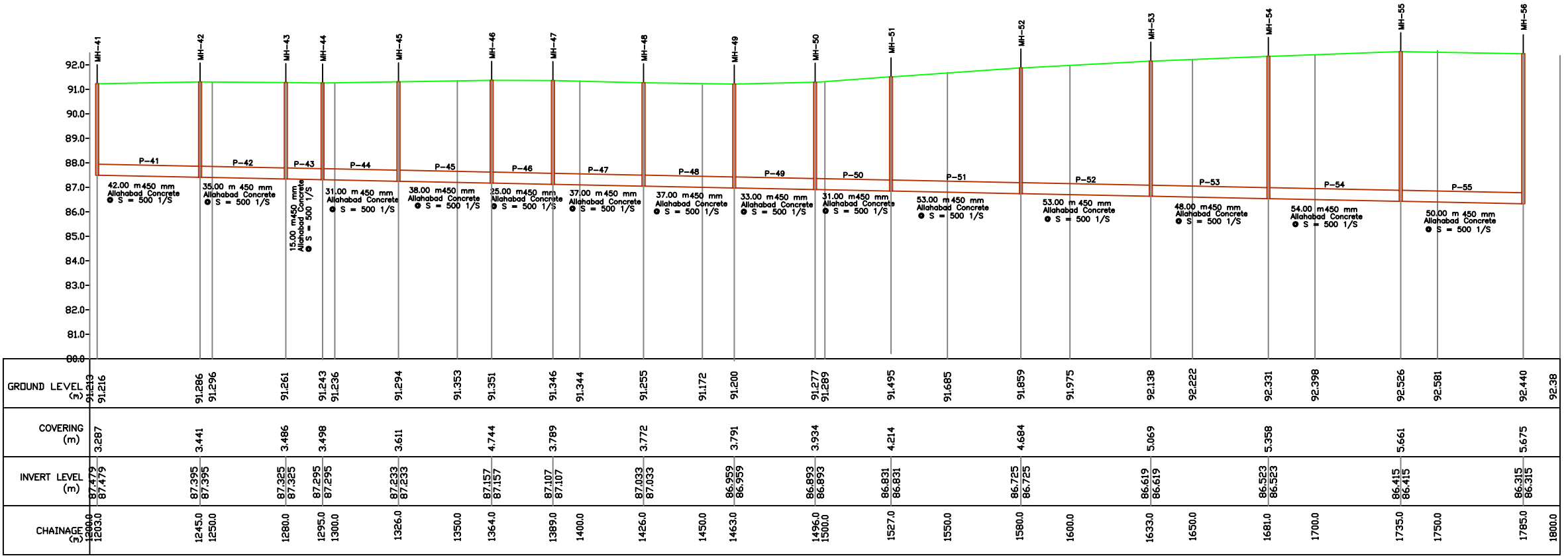
**CORRIDOR:** District : B  
 Lukerganj PS to Ghagger Nala PS  
 Node : LPS - 1 - 3 - 5 GPS

**SHEET CONTENTS:** PLAN AND PROFILE (2/5)  
 (Proposed Sewer Line)  
 (Ch. 600 - 1200)

**DRAWING NO.** ALD-SE-B (LPS-GPS)-2  
**SHT. NO.** 16



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:	D.Sarkar
DRAWN	M.Pahuja	SCALE	H=1:1000 V=1:100
DESIGNED	R.Mittal	DATE	15-12-2004
SURVEYED	S.Sharma		

**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 : B  
 Lukerganj PS to Ghagger Nala PS  
 Node : LPS - 1 - 3 - 5 GPS

**SHEET CONTENTS:** PLAN AND PROFILE (3/5)  
 (Proposed Sewer Line)  
 (Ch. 1200 - 1800)

**DRAWING NO.** ALD-SE-B (LPS-GPS)-3 **SHT. NO.** 17