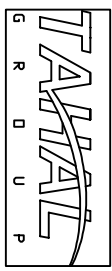


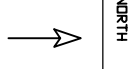
CLIENT
SUPPORT PROGRAMME FOR
URBAN REFORM (SPUR),
UID & HD,
GOVERNMENT OF BIHAR

PROJECT
PREPARATION OF DPR ON INTERCEPTION AND DIVERSION

TITLE
MAP OF COUNTRY
TASK
DPR ON I&D
SCHEME FOR BARAHATIA TOWN

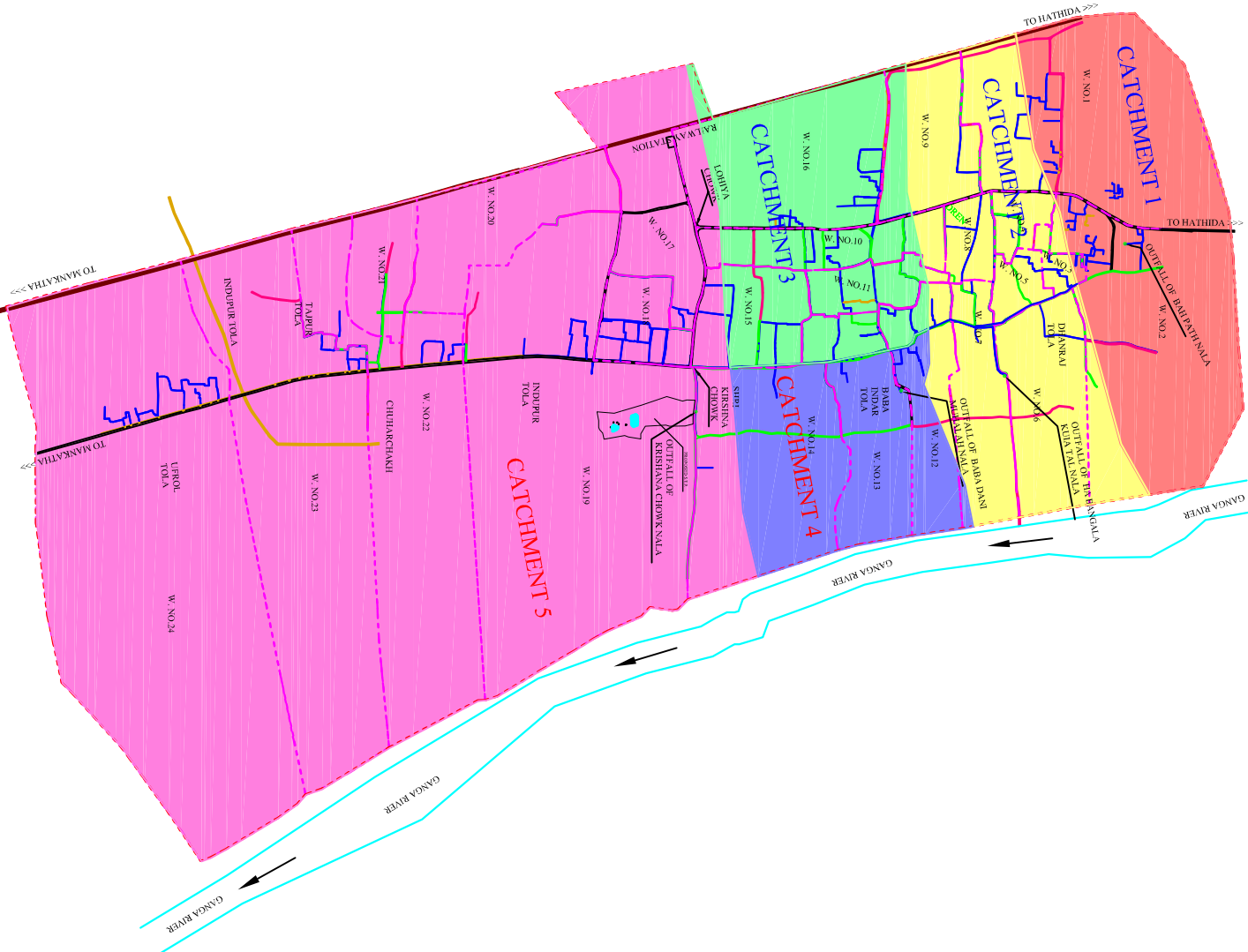


TAHAL CONSULTING ENGINEERS LTD.
FLAT NO. A-2, DEVRAMA APARTMENT, TILAK MARG, NORTH S.K. PURI, BORING
ROAD, PATNA-800001
Prepared by: SANDEEP KUMAR
Designed by: CHANDAN KUMAR
Checked by: SATYABHANU
Approved by: DEEPAK SHARMA



SCALE
1:10 (A1)
DRCND.
TAHAL/SPUR/ID/BHR/01

DATE
AUG-2015
SHEET NO.
BHR-01



CLIENT: SEWAGE TREATMENT PLANT & STORMWATER TREATMENT PLANT, BARAHUYA, GOVERNMENT OF BIHAR

PROJECT: PREPARATION OF DPR ON INTERCEPTION AND DIVERSION

TITLE: MAP SHOWING CATCHMENT DETAILS OF BARAHUYA TOWN

TASK: DPR ON IED SCHEME FOR BARAHUYA TOWN



TAJAL CONSULTING ENGINEERS LTD.
311, 3RD FLOOR, ANSAL BHAWAN, W. K. G. MARG, NEW DELHI-110001

Requested by: SANDHEEP KUMAR

Designed by: CHANDAN KUMAR

Checked by: SATYABHANU

Approved by: DEEPAK SHARMA

LEGEND

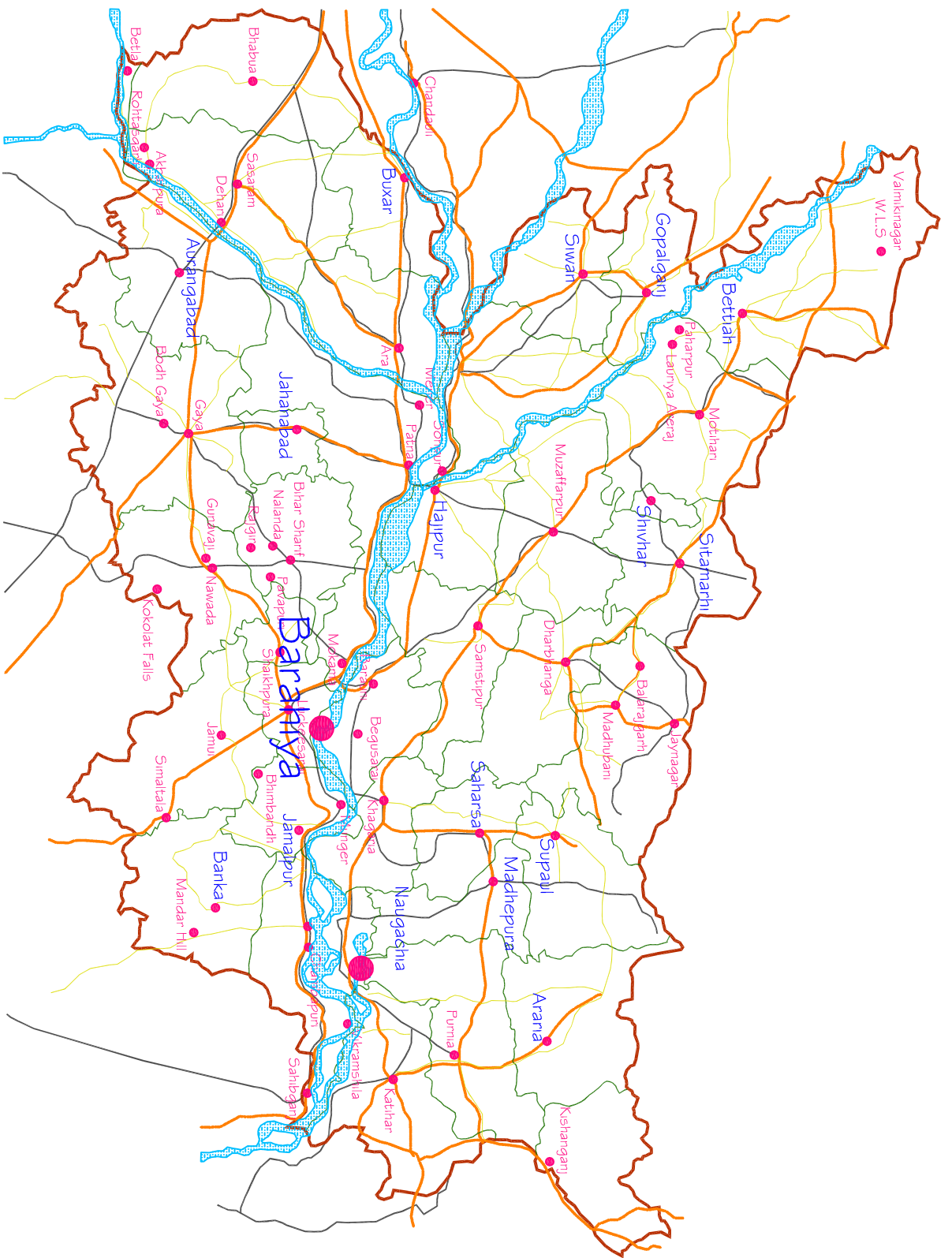
BT ROAD	—————
PCC ROAD	—————
KACHIA PATH	—————
RAILWAY TRACK	—————
WARD BOUNDARY	—————
MUNICIPAL BOUNDARY	—————
RIVER	~~~~~
PACCA DRAIN	—————
KACHIA DRAIN	—————
OUTFALL POINT	●

Scale: 1:1000

DATE: A/C/2016

SHEET NO: BHR-01





Revisions		Checked by
Revisions	Date	Description

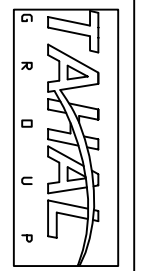
LEGEND

- Minor road
- Dist boundary
- Town name Barahatya
- Railway
- River
- State boundary
- Town location

NORTH

SCALE	DATE
1:10 (A1)	AUG-2015
DWG. NO.	SHEET NO.
TAMU/SPUR/100/BHR/03	BHR-01

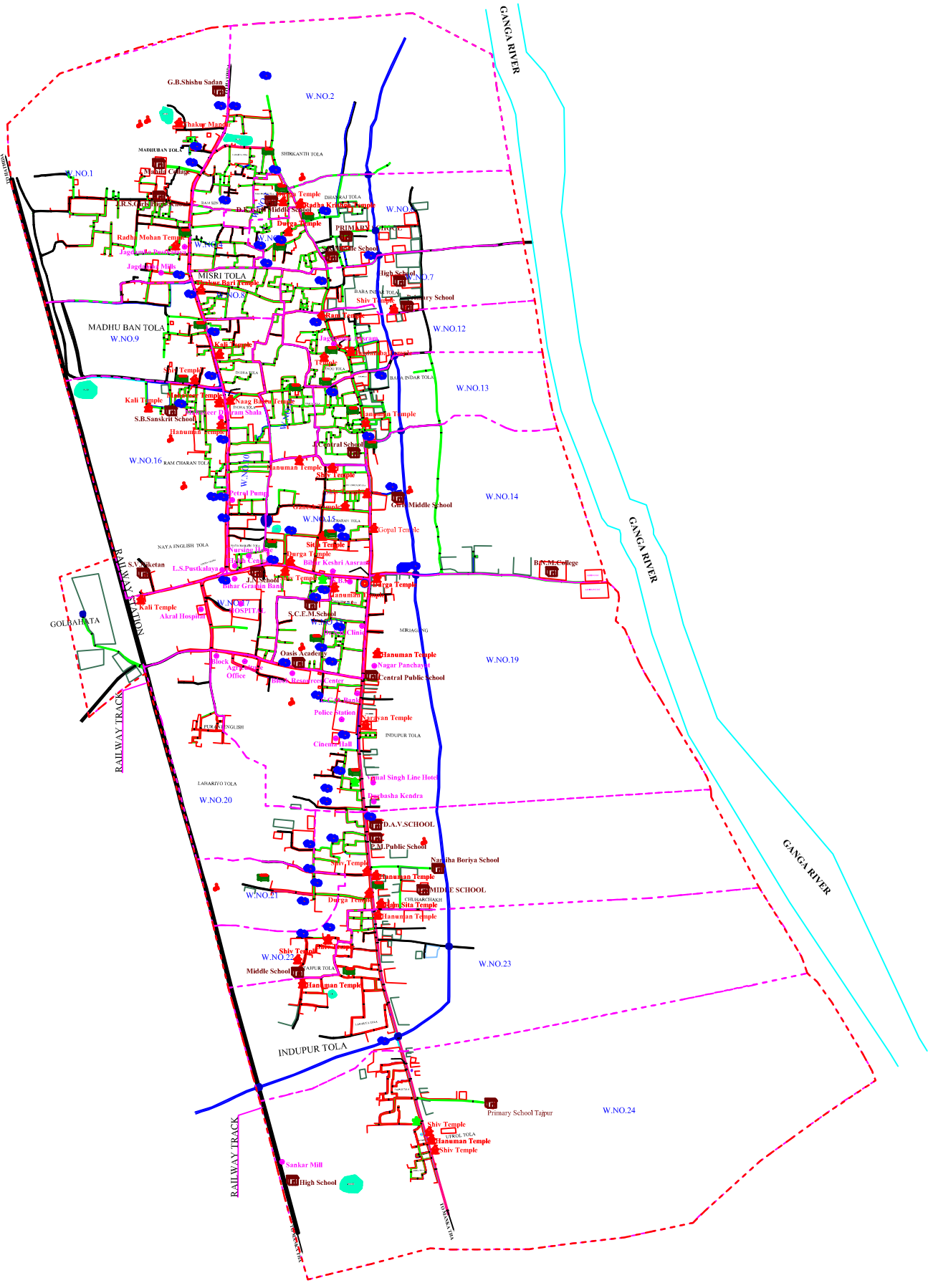
TAMU CONSULTING ENGINEERS LTD.
 FLAT NO. A-2, DEVERAMA APARTMENT, TILAK MARG, NORTH S.K. PURI, BOHING
 ROAD, PATNA-800001
 Prepared by: SANDEEP KUMAR
 Designed by: CHANDAN KUMAR
 Checked by: SATYABHANU
 Approved by: DEEPAK SHARMA



TITLE
 MAP SHOWING TOWN IN STATE
 TASK
 DPR ON I&D
 SCHEME FOR BARAHATYA TOWN

PROJECT
 PREPARATION OF DPR ON INTERCEPTION AND DIVERSION

CLIENT
 SUPPORT PROGRAMME FOR
 URBAN REFORM (SPUR),
 I&D & H&D,
 GOVERNMENT OF BIHAR



LEGEND	
BUILDING	[Red outline symbol]
BT ROAD	[Red line symbol]
P.C.C. ROAD	[Green line symbol]
KACHA ROAD	[Black line symbol]
HUT	[Red square symbol]
ELECTRIC POLE	[T-shaped symbol]
TELEPHONE POLE	[T-shaped symbol]
LAMP POST	[T-shaped symbol]
TRANSFORMER	[Circle with cross symbol]
KACHA DRAIN	[Blue line symbol]
PACCA MALA	[Blue line symbol]
HAND PUMP	[T-shaped symbol]
STAND POST	[T-shaped symbol]
TEMPLE	[Red house symbol]
POND	[Blue circle symbol]
TREE	[Green circle symbol]
WELL	[Green circle symbol]
STATION POINT	[Triangle symbol]
T.B.M.	[Square symbol]
RAILWAY TRACK	[Black line symbol]
RIVER	[Blue wavy line symbol]
GHAT	[Blue rectangle symbol]
WARD BOUNDARY	[Dashed pink line symbol]
MUNICIPAL BOUNDARY	[Dashed red line symbol]
LANDMARK BUILDINGS	[Red house symbol]
TOILET	[Blue circle symbol]
OPEN DUMP	[Blue circle symbol]
OPEN DEFICATION	[Blue circle symbol]
SCHOOL / COLLAGE	[Red house symbol]
MASJID	[Green house symbol]
CHURCH	[Green house symbol]
CANAL	[Blue wavy line symbol]
OVER HEAD TANK	[Red circle symbol]
KABRISTAN	[Green house symbol]
DUSTBIN	[Red house symbol]

Revisions	Date	Description	Checked by

CLIENT
SUPPORT PROGRAMME FOR
URBAN REFORM (SPUR),
UD & ILD,
GOVERNMENT OF BIHAR

PROJECT
PREPARATION OF DPR ON INTERCEPTION AND DIVERSION

TITLE
MAP SHOWING TOPOGRAPHY AND
LANDMARKS FOR BARAHYA TOWN
TASK
DPR ON I&D SCHEME FOR
BARAHYA TOWN



TAHAL CONSULTING ENGINEERS LTD.
311, 3rd FLOOR, ANSAL BHAWAN 16, K.G MARG, NEW DELHI-110001

SANDEEP KUMAR	CHANDAN KUMAR	SATYABHANU	DEEPAK SHARMA
Prepared by	Designed by	Checked by	Approved by

NORTH

SCALE 1:5000	DATE AUG-2015
DRG.NO. TAHAL/SPUR/UD&ILD/14	SHEET NO. BHR-01/01

CLIENT
SUPPORT PROGRAMME FOR
UD & D. FORAN SPINA,
GOVERNMENT OF BIHAR

PROJECT
PREPARATION OF DPR ON INTERCEPTION AND DIVERSION

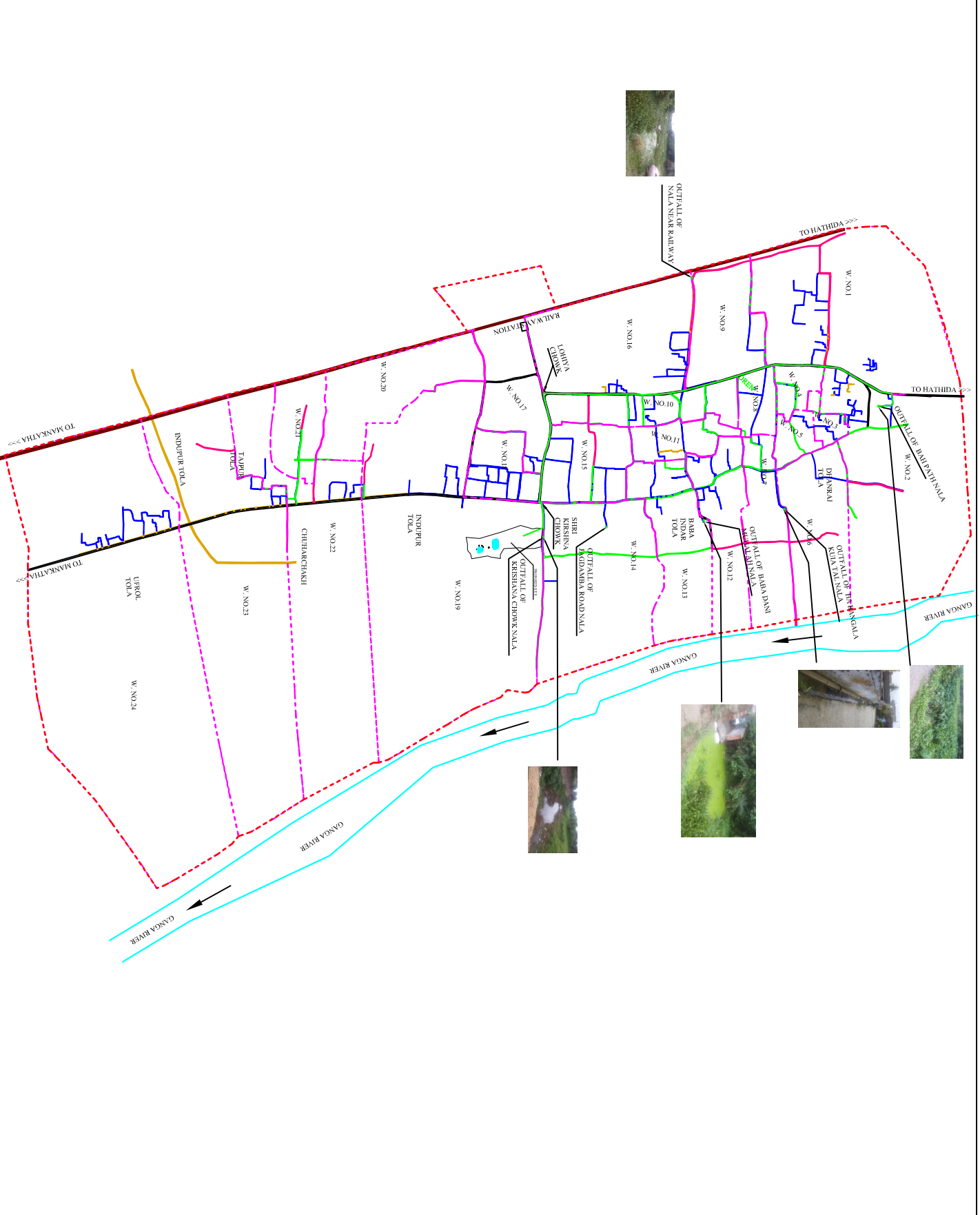
TITLE
MAP SHOWING EXISTING CONDITION OF OUTFALL
BARAHUYA TOWN
TASK
DPR ON I&D SCHEME FOR BARAHUYA TOWN



TAMU CONSULTING ENGINEERS LTD.
311, 3RD FLOOR, ANSAL BHAWAN, K. K. G. MARG, NEW DELHI-110001
Requested by: SANDEEP KUMAR
Designed by: CHANDAN KUMAR
Checked by: SATYABRANTU ANGERASHI
Approved by: DEEPAK SHARMA

Requesting
Designing
Checked
Approved

Scale: 1:10000
Date: AUGUST-2015
SHEET NO. IHR/01



LEGEND

BT ROAD	[Symbol]
PCC ROAD	[Symbol]
KACHIA PATH	[Symbol]
RAILWAY TRACK	[Symbol]
WARD BOUNDARY	[Symbol]
MUNICIPAL BOUNDARY	[Symbol]
RIVER	[Symbol]
PACCA DRAIN	[Symbol]
KACHIA DRAIN	[Symbol]
OUTFALL POINT	[Symbol]

North Arrow

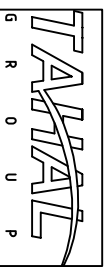
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Date: AUGUST-2015

Sheet No.: IHR/01

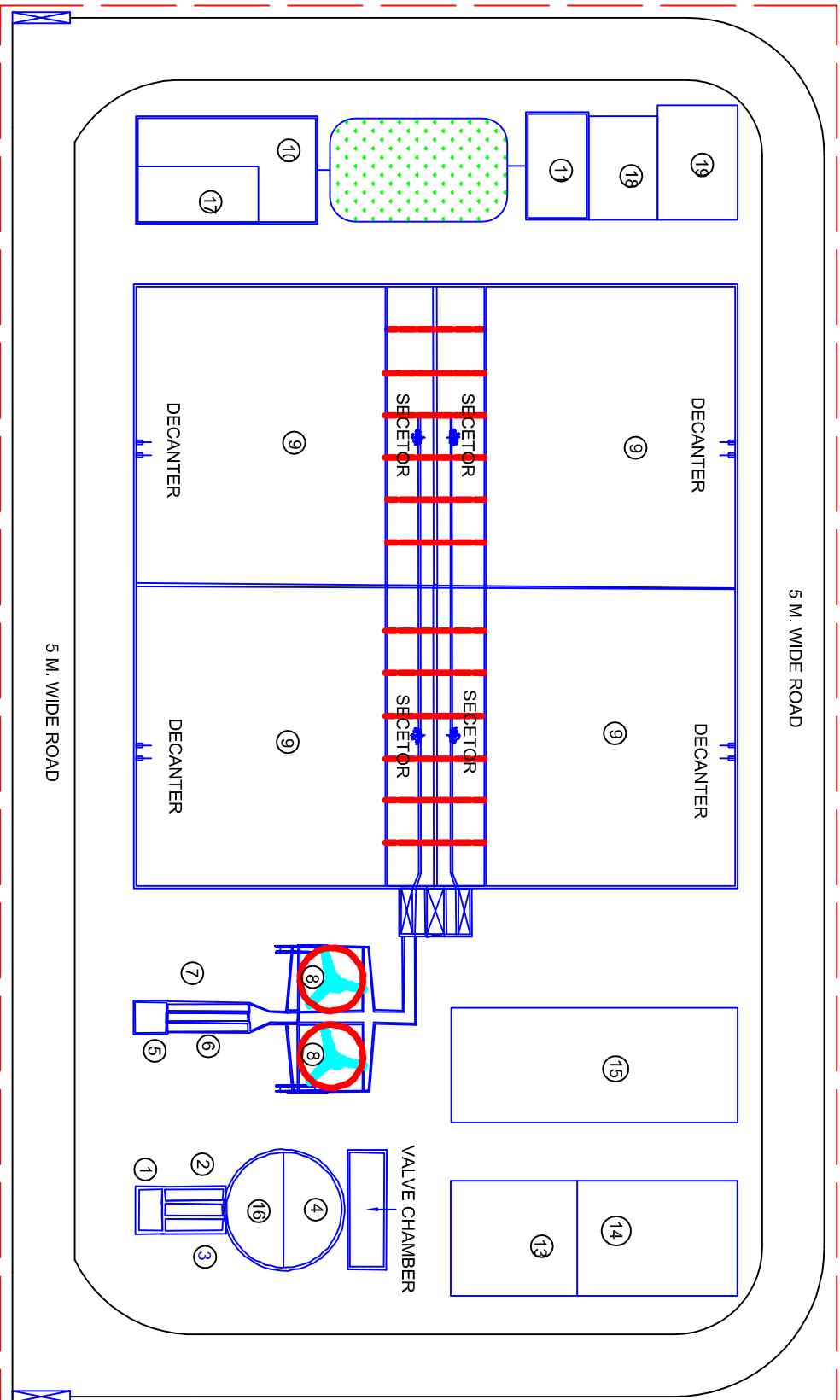
Logo: TAMU CONSULTING ENGINEERS LTD.

NO EXISTING SEWERAGE WORK IS GOING ON.

<p>CLIENT SUPPORT PROGRAMME FOR URBAN REFORM (SPUR), UD & HD, GOVERNMENT OF BIHAR</p>	<p>PROJECT PREPARATION OF DPR ON INTERCEPTION AND DIVERSION</p>	<p>TITLE MAP OF CITY SHOWING EXISTING SEWERAGE WORK</p>	<p>TASK DPR ON I&D SCHEME FOR BARAHATYA TOWN</p>
			
<p>TALU CONSULTING ENGINEERS LTD. FLAT NO. A-2, DEVERAMA APARTMENT, TILAK MARG, NORTH S.K. PURI, BORING ROAD, PATNA-800001</p>			
Prepared by	Designed by	Checked by	Approved by
SANDEEP KUMAR	CHANDAN KUMAR	SATYABHANU	DEEPAK SHARMA

Revisions	Date	Description	Checked by

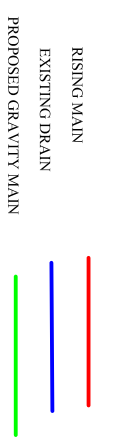
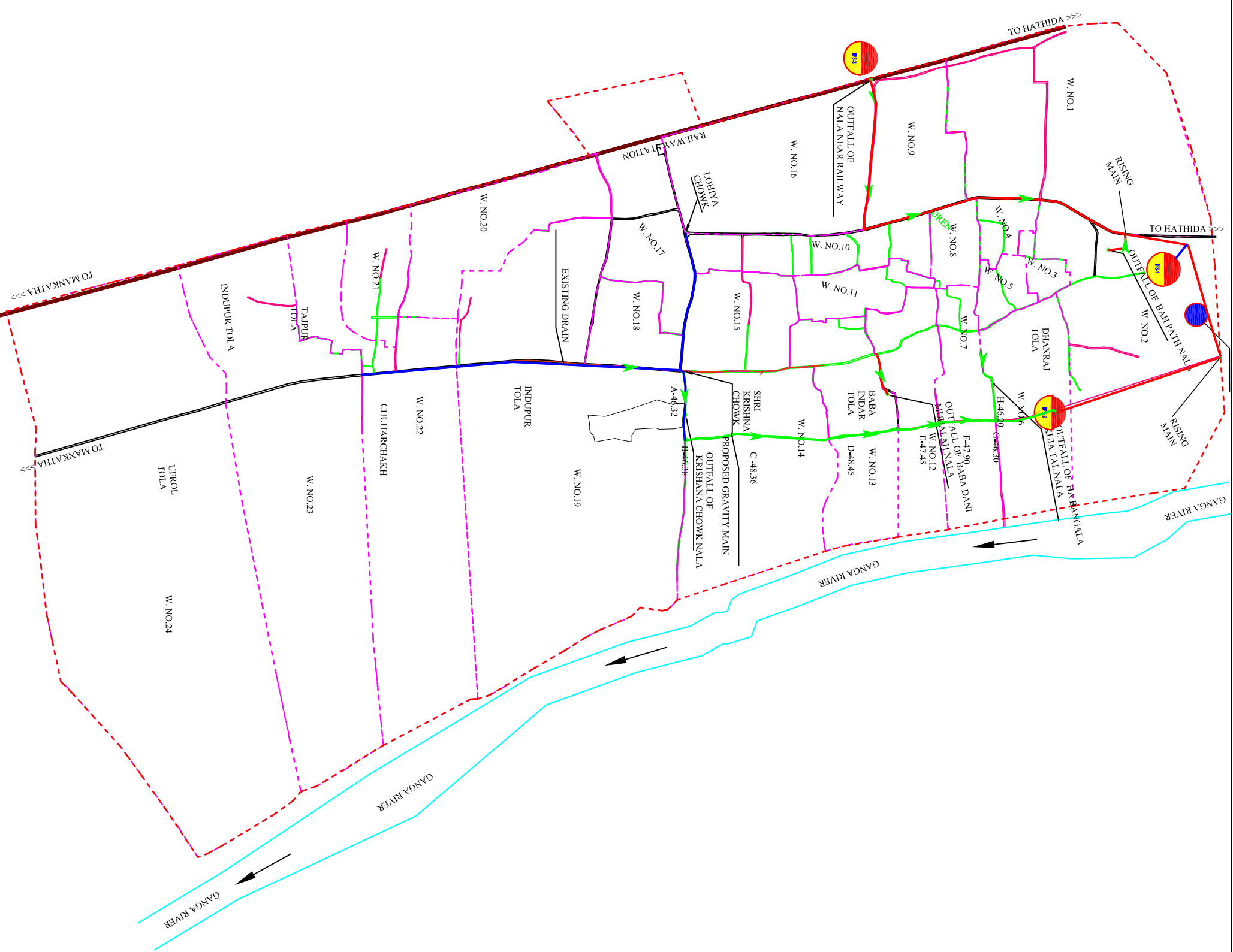
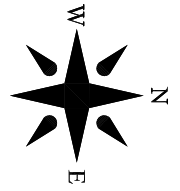
<p>NORTH ↑</p>	<p>SCALE 1:10 (A1)</p>	<p>DATE AUG-2015</p>
	<p>DRG. NO. TALU/SPUR/ID/DPR/07</p>	<p>SHEET NO. BHR-01</p>



PROCESS UNIT	
S/LNO.	DESCRIPTION
1	RECEIVING CHAMBER
2	COARSE BAR SCREEN-MANUAL
3	COARSE BAR SCREEN-MECHANIC
4	RAW SEWAGE PUMP
5	STILLING CHAMBER
6	FINE BAR SCREEN-MANUAL
7	FINE BAR SCREEN-MECHANIC
8	GRIT CHAMBERS
9	SBR BASINS
10	CHLORINATION TANK
11	SLUDGE PUMP
12	DIVER DOSING PUMP
BUILDINGS	
13	DG SET HOUSE
14	INDOOR HT SUBSTATION
15	SBR AIR BLOWER CUM MCC & CONTROL BUILDING
16	RAW SEWAGE PUMP HOUSE
17	CHLORINATION CUM CHLORINE TOWER ABOVE CHLORINATION TANK
18	SLUDGE PUMP & BLOWER HOUSE
19	CENTRIFUGAL HOUSE

Revisions	Date	Description	Checked by

CLIENT SUPPORT PROGRAMME FOR URBAN REFORM (SPUR), UD & HD, GOVERNMENT OF BIHAR	PROJECT PREPARATION OF DPR ON INTERCEPTION AND DIVERSION	TITLE LAYOUT OF PROPOSED STP INCLUDING THE INFRASTRUCTURE FACILITIES	TASK DPR ON I&D SCHEME FOR BARAHUYA TOWN			IRSHAD MUSTAFA Prepared by	ASLAMI PARVEZ Designed by	DHANESH PRASAD Checked by	DHANESH PRASAD Approved by	TAHAL CONSULTING ENGINEERS LTD. FLAT NO. A-2, DEVERAMA APARTMENT, TILAKMARG, NORTH S.K. PURI, BORING ROAD, PATNA-800001	NORTH SCALE: - 1 : 1 (A3) DRES. NO. TAHAL/SP/RS/ENGINEERING/9	DATE AUG/2015 SHEET NO. BHR-D1
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LEGEND

BT ROAD	
KACHA PATH	
RAILWAY TRACK	
WARD BOUNDARY	
MUNICIPAL BOUNDARY	
RIVER	
PAKKA DRAIN	
OUTFALL POINT	
RISING MAIN	
STP	
PUMPING STATION	
SEWERAGE NETWORK	

Revisions	
Date	Description

NORTH	
SCALE	DATE
1:10000	AUGUST 2015
DRG. NO.	SHEET NO.
TAHAL/SPUR/82/BMP/10	BHR-01

CLIENT	PROJECT	TITLE	TASK	TAHAL CONSULTING ENGINEERS LTD.	311, 3rd FLOOR, ANSAL BHAVAN 16, K.G. MARG, NEW DELHI-110001
SUPPORT PROGRAMME FOR URBAN REFORM (SPUR), U.D. & H.D., GOVERNMENT OF BIHAR	PREPARATION OF DPR ON INTERCEPTION AND DIVERSION	MAP SHOWING LOCATION OF RISING MAINS AND STP IN BARAHUYA TOWN	DPR ON I&D SCHEME FOR BARAHUYA TOWN	SANDEEP KUMAR	CHANDAN KUMAR
				SATYAJAHANU ANGRASHI	DEEPAK SHARMA
				Prepared by	Designed by
				Checked by	Approved by

