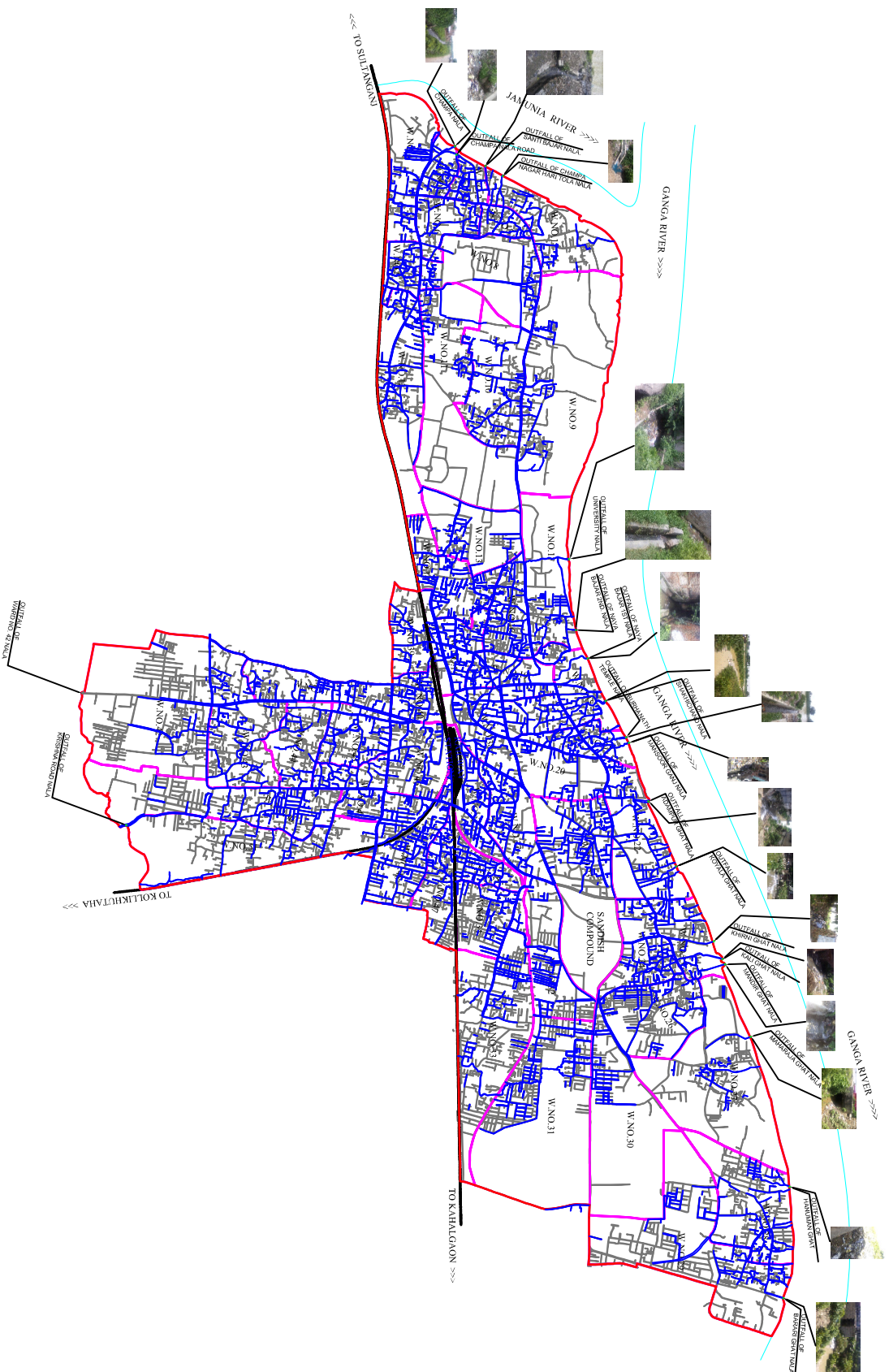







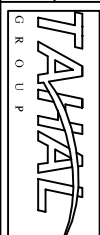


CLIENT		PROJECT		TITLE		TAHAL CONSULTING ENGINEERS L.TD.				NORTH		SCALE		DATE	
SUPPORT PROGRAMME FOR URBAN REFORM (SPUR), UD & HD, GOVERNMENT OF BIHAR		PREPARATION OF DPR ON INTERCEPTION AND DIVERSION		MAP OF COUNTRY		FLAT NO. A-2, DEVERAMA APARTMENT, TILAK MARG, NORTH S.K. PURI, BORING ROAD, PATNA-800001				↑		1:10 (A1)		AUGUST-2015	
		TASK		DPR ON I&D SCHEME FOR BHAGALPUR TOWN		Prepared by									
						SANDEEP KUMAR									
						CHANDAN KUMAR									
						SATYABHANU									
						DEEPAK SHARMA									
														SHEET NO.	
														BHR-01	



LEGEND	
ROAD	
RAILWAY TRACK	
WARD BOUNDARY	
MUNICIPAL BOUNDARY	
RIVER	
OUTFALL POINT	
Decision	Reviewed by
Date	
<div> <div> <div>N</div> <div>E</div> </div>  <div>W</div> <div>S</div> </div> <div> <div>SCALE</div> <div>1:18,000</div> <div>DWG. NO.</div> <div>T/HAAL/SPUR/ALD/BMW/10</div> </div> <div> <div>DATE</div> <div>AUG - 2015</div> <div>SHEET NO.</div> <div>BHE-431</div> </div>	

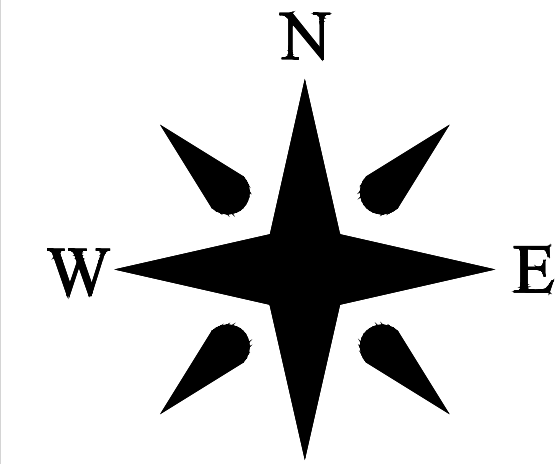
TAMAL CONSULTING ENGINEERS LTD.			
PLOT NO. 34, PHASE-2, 2 FLOOR, SECTOR-44, INSTITUTIONAL AREA, GIGANAGAR, VANA-12003			
SANDEEP KUMAR	CHANDAN KUMAR	SATYABHINAV ANEERASHI	DEEPIKA SHARMA
Prepared by	Designed by	Checked by	Approved by



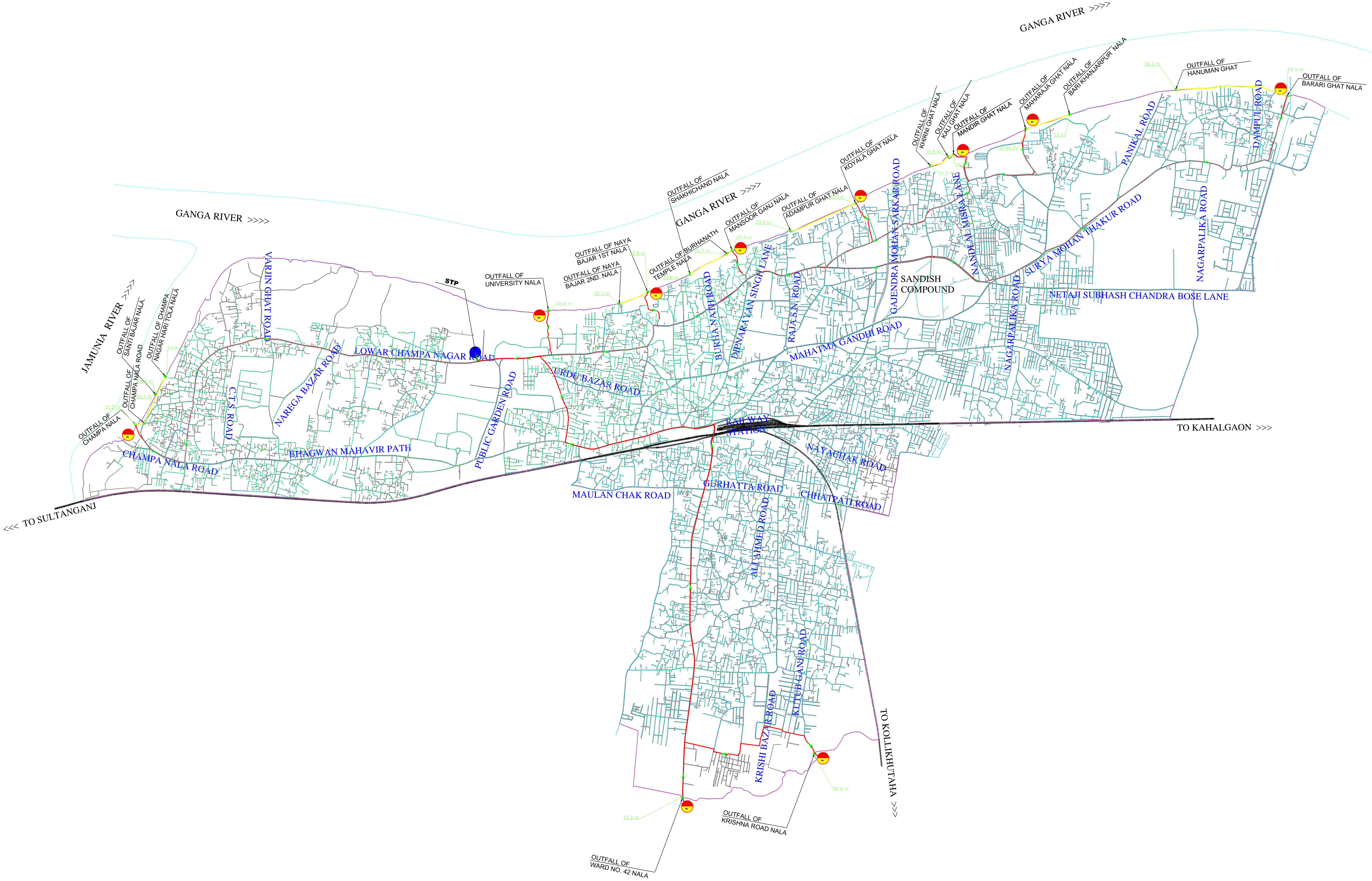
Task	Title
DPR ON I&D SCHEME FOR BHAGALPUR TOWN	MAP SHOWING EXISTING CONDITION OF OUTFALL IN BHAGALPUR TOWN

PROJECT
PREPARATION OF DPR ON INTERCEPTION AND DIVERSION

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



LEGEND	
ROAD	
RAILWAY TRACK	
WARD BOUNDARY	
MUNCIPAL BOUNDARY	
RIVER	
OUTFALL POINT	
RISING MAIN	
GRAVITY MAIN	
IPS	
STP	
SEWER NETWORK	



Revisions		
NORTH	SCALE 1:19,000	DATE OCT - 2015
	DRG.NO. TAHAL/SPUR/I&D/BNN/11	SHEET NO. BHR-01

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

PROJECT
PREPARATION OF OF DPR ON INTERCEPTION AND DIVERSION

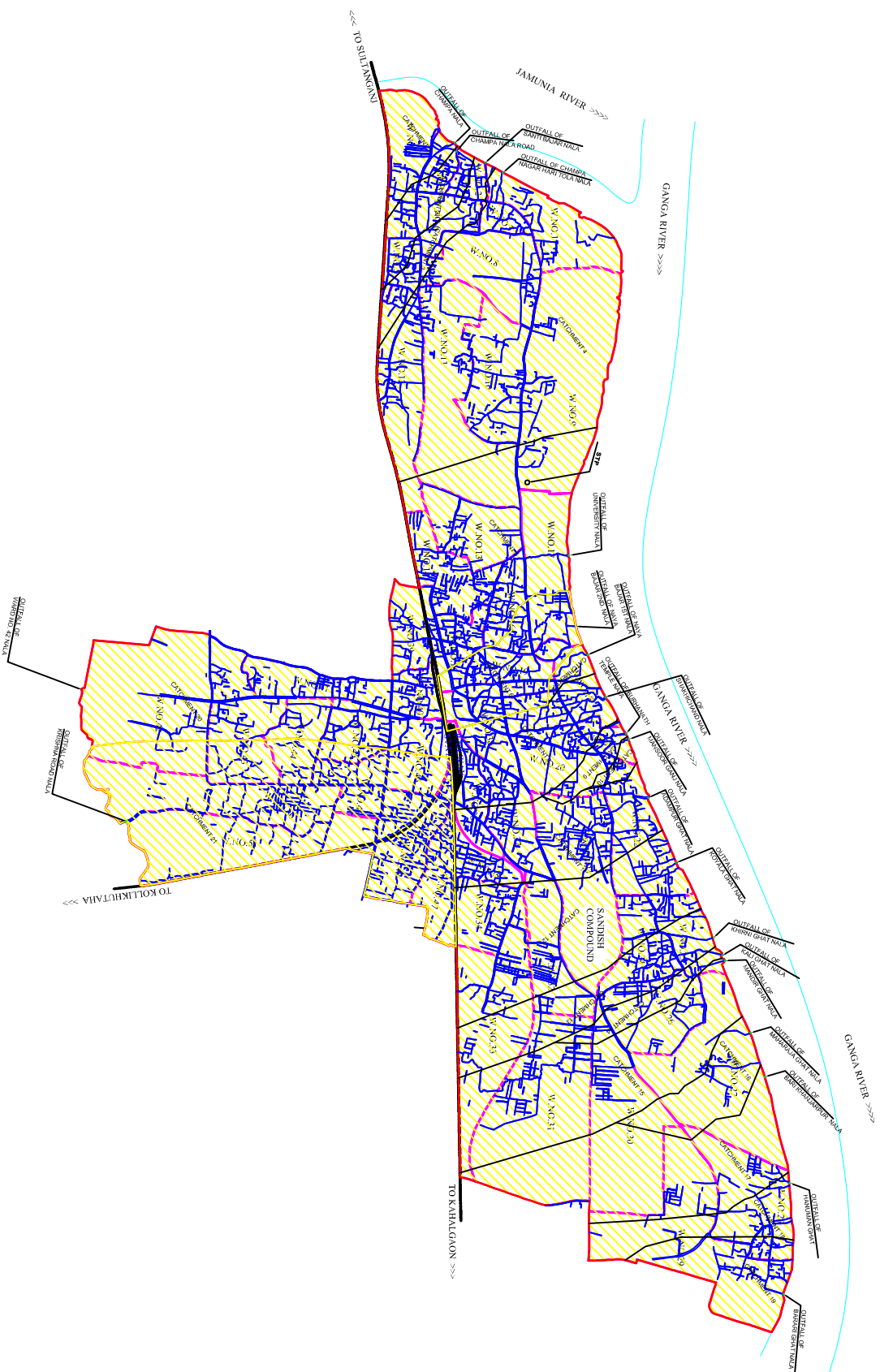
TITLE
MAP SHOWING LOCATION OF IPS AND STP
IN BHAGALPUR TOWN








TASK
DPR ON I&D
SCHEME FOR BHAGALPUR TOWN



TAHAL CONSULTING ENGINEERS LTD.
PLOT NO. 34,PHASE-II, 2 FLOOR, SECTOR 44, INSTITUTIONAL AREA,GURGAON,HARYANA-122003

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



LEGEND			
ROAD			
RAILWAY TRACK			
WARD BOUNDARY			
MUNICIPALITY BOUNDARY			
RIVER			
OUTFALL POINT			
Location	Date	Description	Checked by
NORTH		Revisions	
<div><div><div>N</div><div>W</div><div>E</div></div><div></div></div>	SCALE	DATE	
	1:16,000	AUG - 2015	
	DWG. NO.	SHEET NO.	
	TIAL/SPUR/AD/BW/12	BH-01	

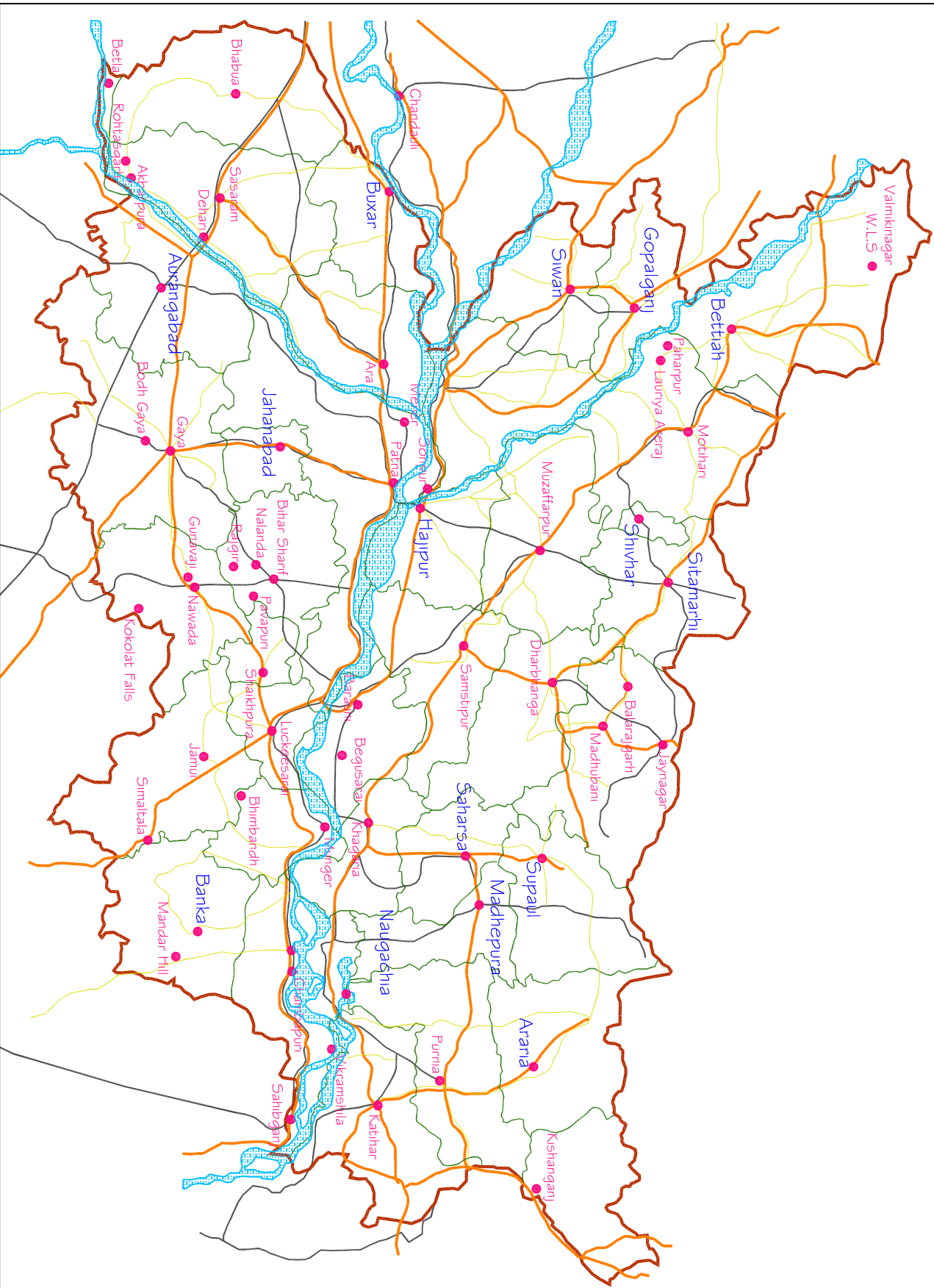
TAMAL CONSULTING ENGINEERS LTD.			
PLOT NO. 34, PHASE-II, FLOOR, SECTOR 46, INSTITUTIONAL AREA, GURGAON, HARYANA-122003			
SANDEEP KUMAR	CHANDAN KUMAR	SATYABHIANU	DHEEPA SHARMA
Prepared by	Designed by	Checked by	Approved by



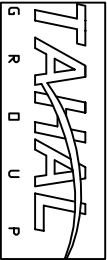
TITLE
MAP SHOWING CA TCHMENT OF BHAGALPUR TOWN
TASK
DPR ON I&D
SCHEME FOR BHAGALPUR TOWN

PROJECT	PREPARATION OF DRC ON INTECEPTION AND DIVERSION
---------	-------------------------------------------------

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

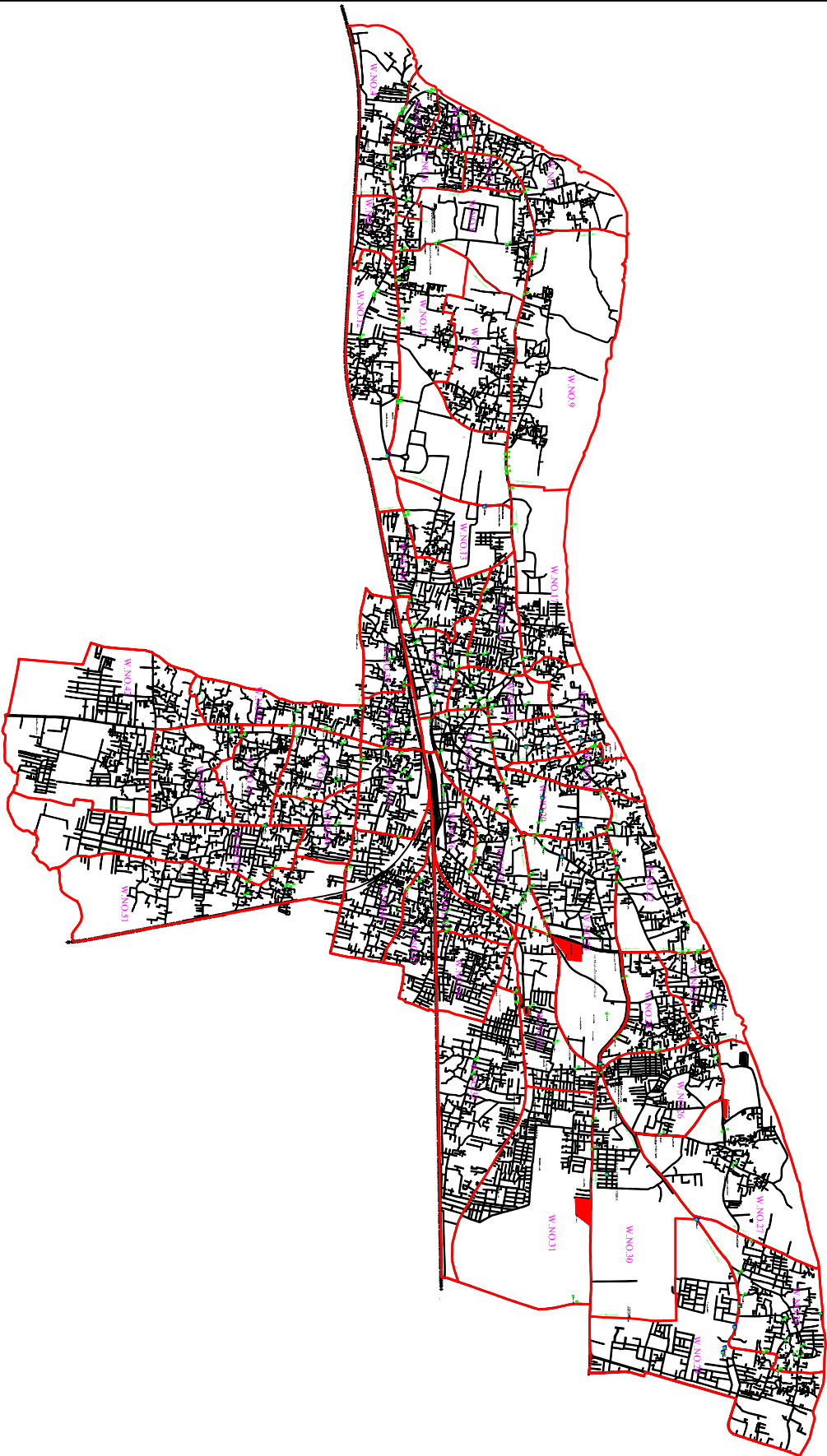


CLIENT		PROJECT		TITLE		TAHAL CONSULTING ENGINEERS LTD.	
SUPPORT PROGRAMME FOR URBAN REFORM (SPUR), UD & H.U., GOVERNMENT OF BIHAR		PREPARATION OF DPR ON INTERCEPTION AND DIVERSION		MAP OF STATE		FLAT NO. A-2, DEVERAMA APARTMENT, TILAK MARG, NORTH S.K. PURI, BORING ROAD ,PATNA-800001	
				TASK		SANDEEP KUMAR	
				DPR ON I&D SCHEME FOR BHAGALPUR TOWN		CHANDAN KUMAR	
						SATYABHANU	
						DEEPAK SHARMA	



LEGEND	
STATE BOUNDARY	
RIVER	
Revisions	Date
Revisions	Description
Revisions	Checked by

NORTH	
SCALE	DATE
1:10,000	AUGUST-2015
DRAWN	SHEET NO.
TAHAL/SPUR/I&D/BNH02	BHR-01



LEGEND

WARD BOUNDARY

ROAD

RAIL TRACK



Revisions	Date	Description	Checked by

NORTH



SCALE
1:10 (A1)
DRG.NO.

TAHAL/SPUR/120/BHN/04

DATE:
AUGUST-2015

SHEET NO.
BHR-01

CLIENT

SUPPORT PROGRAMME FOR
URBAN REFORM (SPUR),
U.D. & H.D.,
GOVERNMENT OF BIHAR

PROJECT

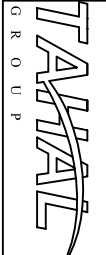
PREPARATION OF DPR ON INTERCEPTION AND DIVERSION

TITLE

MAP SHOWING ROADS AND LANDMARKS

TASK

DPR ON I&D
SCHEME FOR BHAGALPUR TOWN



TAHAL CONSULTING ENGINEERS LTD.
FLAT NO. A-2, DEVERAMA, APARTMENT, TILAK MARG, NORTH S.K. PURI, BORING
ROAD, PATNA-800001

Prepared by

Designed by

Checked by

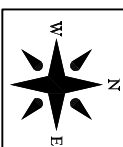
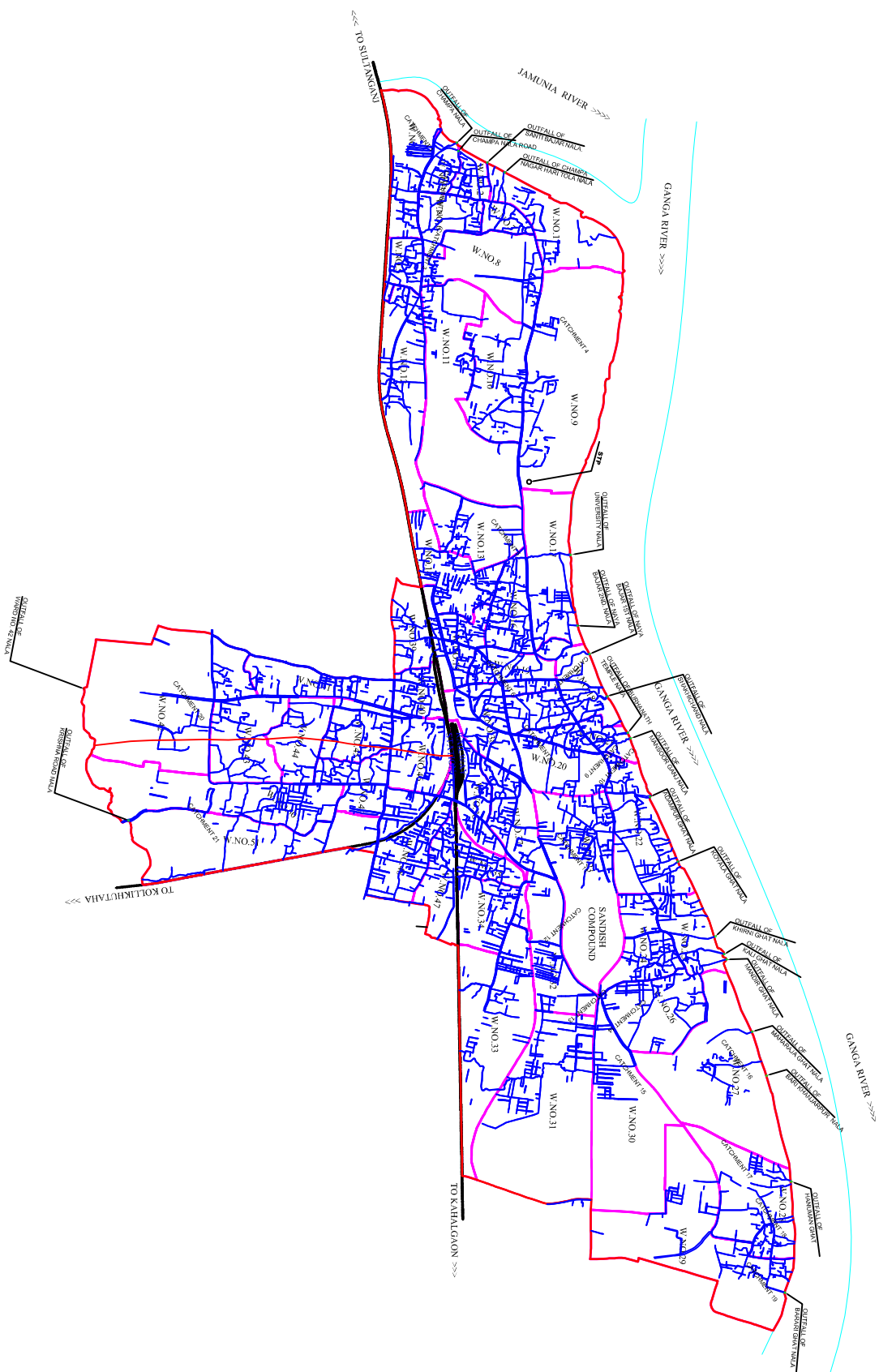
Approved by



SANDEEP KUMAR

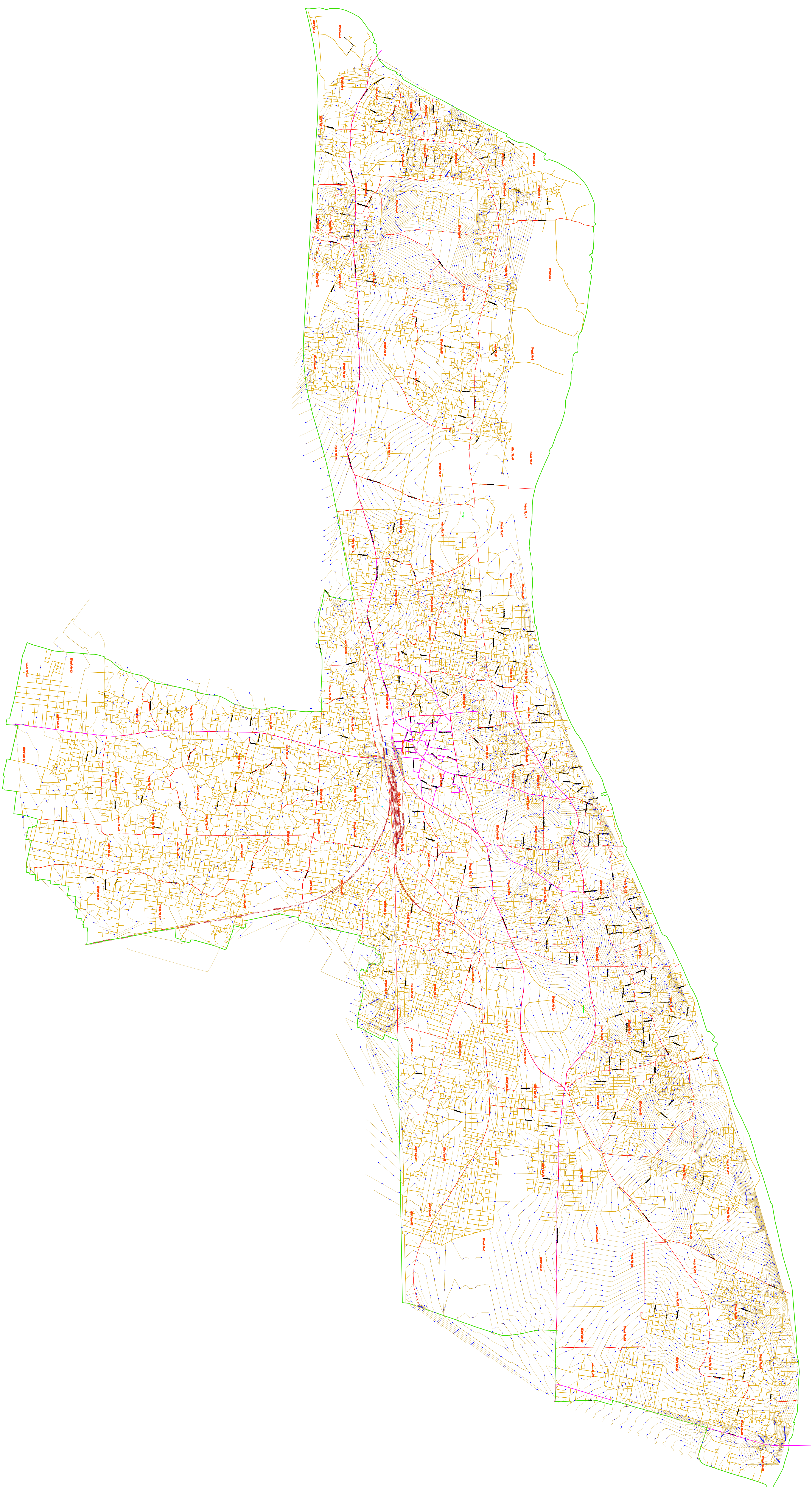
CHANDAN KUMAR

SATYABHARU

DEEPAK SHARMA




CLIENT SUPPORT PROGRAMME FOR URBAN REFORMS (P.U.R.) U.D.A. H.D. GOVERNMENT OF BIHAR	PROJECT PREPARATION OF O.D.R. ON INTERCEPTION AND DIVERSION IN BHAGALPUR TOWN	TITLE MAP SHOWING DRAIN IN BHAGALPUR TOWN	TAMAL CONSULTING ENGINEERS LTD. PLOT NO. 34, PHASE-1, 2 FLOOR, SECTOR 44, INSTITUTIONAL AREA, GURUKULAPUR, VAKA-12003				NORTH N  E	SCALE 1:10,000	DATE AUG - 2015			
		TASK DPR ON I&D SCHEME FOR BHAGALPUR TOWN										
		<table><tr><td>SANDEEP KUMAR</td><td>CHINMOY KUMAR</td><td>SATYADHARU</td><td>DEEPAK SHARMA</td></tr><tr><td>Prepared by</td><td>Designed by</td><td>Checked by</td><td>Approved by</td></tr></table>	SANDEEP KUMAR	CHINMOY KUMAR	SATYADHARU	DEEPAK SHARMA				Prepared by	Designed by	Checked by
SANDEEP KUMAR	CHINMOY KUMAR	SATYADHARU	DEEPAK SHARMA									
Prepared by	Designed by	Checked by	Approved by									
TAHAL/SPR/140/BW/05							SHEET NO. BPR-01					



CLIENT SUPPORT PROGRAMME FOR URBAN REFORM (SPUR), UD & HD, GOVERNMENT OF BIHAR		PROJECT PREPARATION OF CITY SANITATION PLANS, FEASIBILITY STUDY REPORTS AND DETAILED PROJECT REPORTS FOR INTEGRATED MUNICIPAL SOLID WASTE MANAGEMENT, COMPREHENSIVE WASTEWATER MANAGEMENT, CREMATORIA AND RIVERFRONT DEVELOPMENT PROJECTS IN 14 URBAN LOCAL BODIES OF BIHAR - GROUP 3.			
TITLE MAP SHOWING CONTOUR OF BHAGALPUR TOWN		TASK DPR ON I&D SCHEME FOR BHAGALPUR TOWN			
<div><div><div>TAHAL</div><div>G R O U P</div></div></div>		<div>TAHAL CONSULTING ENGINEERS LTD. FLAT NO. A-2, DEVERAMA APARTMENT, TILAK MARG, NORTH S.K. PURI, BORING ROAD ,PATNA-800001</div> <div>IRSHAD MUSTAFA Prepared by</div> <div>ASLAM PARVEZ Designed by</div> <div>DHANESH PRASAD Checked by</div> <div></div> <div>Approved by</div>			
NORTH		SCALE N.T.S (A0)		DATE OCTOBER-2015	
		DRG.NO.		SHEET NO. BHR-01	
		TAHAL/SPUR/I&D/BNV/06			
Revisions		Date		Description	
Revisions		Checked by			
<div><div>LEGEND</div><div><div>WARD BOUNDARY</div><div>MUNICIPAL BOUNDARY</div><div>CONTOUR</div></div><div><div><div></div><div></div><div></div></div></div></div>					

LEGEND					
WARD BOUNDARY					
MUNICIPAL BOUNDARY					
CONTOUR					
Revisions		Description	Date	Checked by	
NORTH			SCALE N.T.S.(A0)		
TAAH/SPUR/I&D/BNNV/06			DATE OCTOBER-2015		
DRG.NO.			SHEET NO. BHR-01		

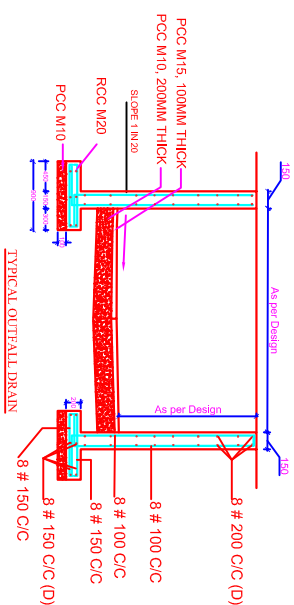
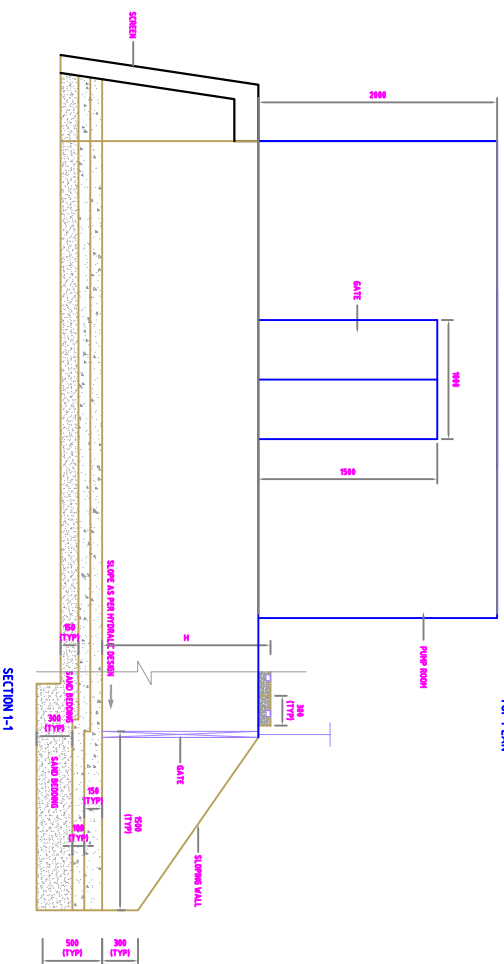
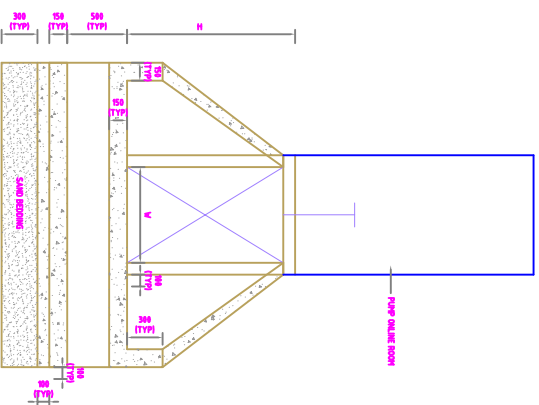
NO EXISTING
SEWERAGE
WORK IS GOING
ON.

CLIENT SUPPORT PROGRAMME FOR URBAN REFORM (SPUR), UD & HD, GOVERNMENT OF BHAR	PROJECT PREPARATION OF DPR ON INTERCEPTION AND DIVERSION	TITLE MAP SHOWING EXISTING SEWERAGE WORK TASK DPR ON RD SCHEME FOR BHAGALPUR TOWN						
TATAH CONSULTING ENGINEERS LTD. FLAT NO. A-2, DEVERAWA APARTMENT, TILAK MARG, NORTH S.K. PURI, BORING ROAD ,PATNA-800001			SAHDEEP KUMAR Prepared by			CHANDAN KUMAR Designed by	SATYABHIANU Checked by	DEEPAK SHARMA Approved by
NORTH ↑			SCALE 1:10 (A1)		DATE AUGUST-2015			
			DRG.NO. TATAH/SPUR/UD/BHN/07		SHEET NO. BHR-01			

Revisions	Date	Description	Checked by		



Technical drawing of a rectangular structure, likely a cross-section of a building or foundation. The drawing includes the following details:

- Dimensions:**
 - Overall width: 1000
 - Overall height: 1000
 - Inner width: 800
 - Inner height: 800
 - Radius of the central circular feature: 200
 - Radius of the inner square: 100
 - Radius of the outer square: 150
 - Radius of the central circular feature: 200
 - Radius of the inner square: 100
 - Radius of the outer square: 150
- Labels:**
 - Top left: 1000
 - Top right: 1000
 - Right side: 800
 - Bottom right: 800
 - Bottom left: 800
 - Left side: 800
 - Center: 200
 - Inner square: 100
 - Outer square: 150
 - Central circular feature: 200
- Annotations:**
 - Top left: 1000
 - Top right: 1000
 - Right side: 800
 - Bottom right: 800
 - Bottom left: 800
 - Left side: 800
 - Center: 200
 - Inner square: 100
 - Outer square: 150
 - Central circular feature: 200



No.	St.	Nbr. of groups/ Genus Group in Genus Group	W	H	Remarks
1		Bardet Chit Nala	1,50	1,50	Pumping (To SIP)
2		Burhant Nala	1,00	1,00	Gravelly/Decomposition (To SIP)
3		Naha	1,00	1,00	Gravelly/Decomposition Bardet Chit Nala
4		Meerapuri Nala (Gat Nala-2)	1,50	1,00	Gravelly/Decomposition Bardet Chit Nala
5		Khimel Chit	1,50	1,50	Pumping (To SIP)
6		Khimel Chit	1,00	1,00	Gravelly/Decomposition Bardet Chit
7		Koys Chit	1,50	1,50	Pumping (To SIP)
8		Adampur	1,50	1,50	Gravelly/Decomposition Koys Chit
9		Adampur	1,50	1,50	Gravelly/Decomposition (To SIP)
10		Misroonari	1,00	0,50	Gravelly/Decomposition (To SIP)
11		Naya Bazar	1,50	1,50	Pumping (To SIP)
12		Naya Bazar	1,50	1,50	Gravelly/Decomposition Naya Bazar
13		University Nala	1,50	1,50	Pumping (To SIP)
14		Chama Nala	2,00	1,50	Pumping (To SIP)
15		Chama Nala	2,00	1,50	Gravelly/Decomposition (To SIP)
16		Chama Nala	2,00	1,50	Gravelly/Decomposition Chama Nala
17		Chama Nala	1,50	1,50	Gravelly/Decomposition Chama Nala
18		Chama Nala	1,50	1,50	Gravelly/Decomposition Chama Nala
19		Heart Hills	2,00	2,00	Pumping (To SIP)
20		Heart Hills	2,00	2,00	Pumping (To SIP)
21		Kichan Road Nala	2,00	1,50	Pumping (To SIP Zone C)

Revisions	Date	Description	Checked by
Revisions			

CLIENT	PROJECT	TITLE		<div></div>				NORTH		SCALE 1:10 (A1)	DATE
		TYPICAL OUTFULL STRUCTURE	TASK								AUG-2015
SUPPORT PROGRAMME FOR URBAN REFORM (SPUR), U.D. & H.D., GOVERNMENT OF BIHAR		PREPARATION OF DPR ON INTERCEPTION AND DIVERSION		TAHAL CONSULTING ENGINEERS LTD. FLAT NO. A-2, DEVGRAMA APARTMENT, TILAK MARG, NORTH S.K. PURI, BORING ROAD, PATNA-800001						DWG. NO.	SHEET NO.
				SANDEEP KUMAR	CHANDAN KUMAR	SATYABHARAJ ANGIKARASH	DEEPAK SHARMA			TAHAL/SPUR/12/08	BHR-01
				Prepared by	Designed by	Checked by	Approved by				

