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**LEGEND:-**

- PROJECT AREA BOUNDARY
- RAILWAY LINE
- MAJOR ROADS
- INTERNAL/LINK ROAD
- RIVER

Drawing Base Reference:-  
**PNC WORK ORDER 3489, DATED 15 DECEMBER, 2009**

REV	DATE	NAME	DESCRIPTION	CHKD
00	MAY'13	SNS	DRAFT DPR SUBMISSION	RP

**AMENDMENTS**

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**PREPARATION OF DETAILED PROJECT REPORTS (DPRs) & BID DOCUMENTS; TENDERING FOR EXECUTION; CONSTRUCTION SUPERVISION & QUALITY-CONTROL OF SEWERAGE & DRAINAGE PROJECTS OF PATNA UNDER JNUJRM**

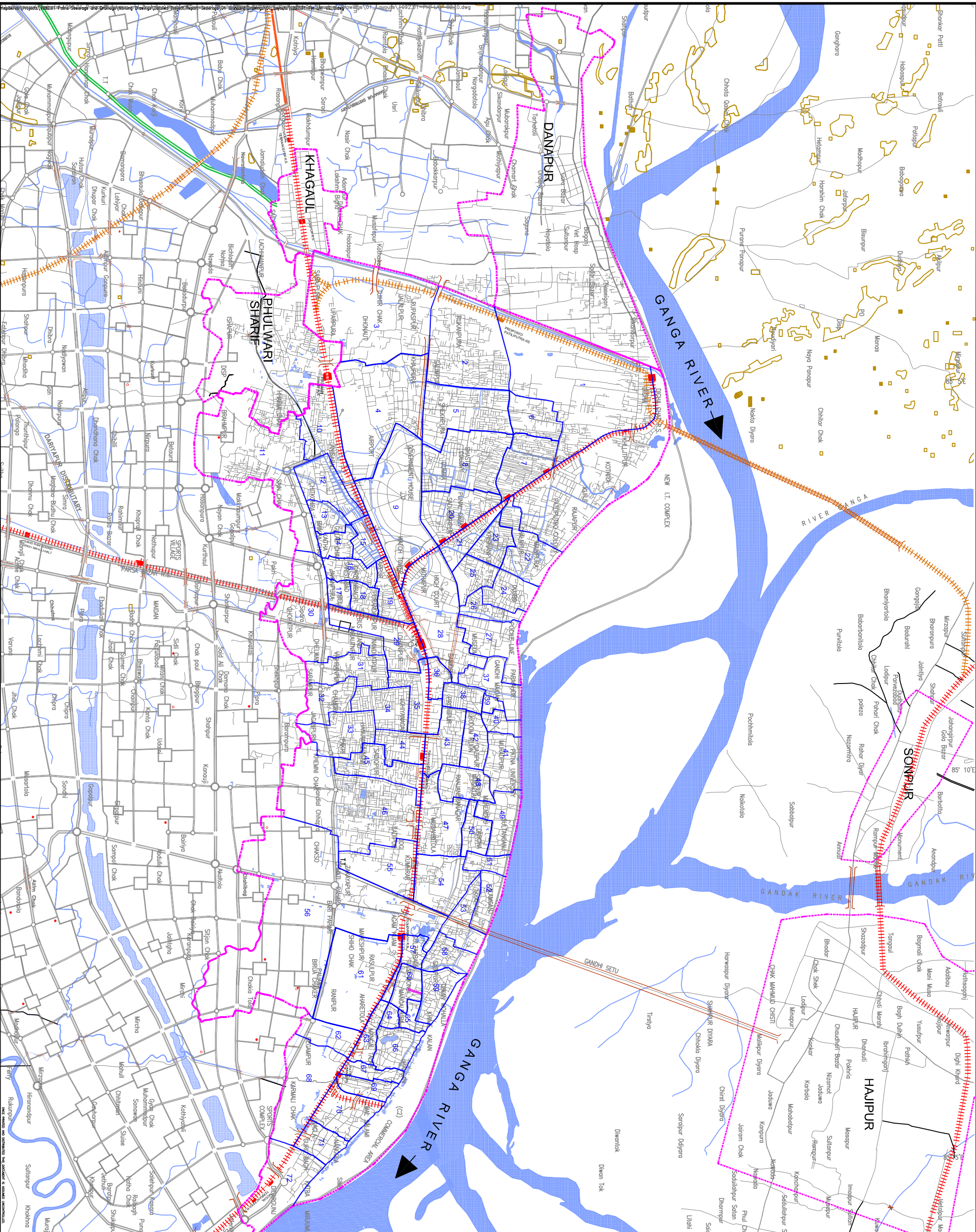
**CONSULTANT:-**

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**DRAWING TITLE**  
**LOCATION MAP OF PATNA CITY**

PURPOSE OF ISSUE	SCALE	DATE OF ISSUE	
DRAFT DETAILED PROJECT REPORT	NIS		
REVISED PROJECT REPORT	A3		
DRAWN	SNS	MAY 2013	
DESIGNED	YA	MAY 2013	
CHECKED	RP	MAY 2013	
APPROVED	GR	MAY 2013	
JOB NO.	DISCIPLINE	DRAWING NO.	REVISION
1092.01	PH	LAY - 01	00





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  3. UNDERSTANDING AND INTERPRETATIONS SHOULD BE SCALED FROM THIS DRAWING.

- LEGEND:-**
- PATNA MUNICIPAL BOUNDARY
  - WARD BOUNDARY
  - WARD NUMBER
  - RIVER / NATURAL DRAIN
  - ROADS
  - RAILWAY LINE
  - BRIDGE / CULVERT



Drawing Base Reference:  
**P/MC WORK ORDER 3489, DATED 15 DECEMBER, 2009**

REV	DATE	NAME	DESCRIPTION	CHKD
00	MAY'13	PT	DRAFT DPR SUBMISSION	GP
<b>AMENDMENTS</b>				

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**CLIENT:-**  
**BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION**

**PROJECT:-**  
**PREPARATION OF DETAILED PROJECT REPORTS (DPR) & BID DOCUMENTS; TENDERING FOR EXECUTION; CONTROL OF SEWERAGE & DRAINAGE PROJECTS OF PATNA UNDER JNUURM**

**CONSULTANT:-**  
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**DRAWING TITLE**  
**WARD MAP OF PATNA CITY**

**SCALE :- NIS**  
**DRAWN BY PT**  
**CHECKED BY JR**  
**APPROVED BY GP**

DESIGNED	DATE OF FIRST ISSUE	SCALE	REVISION
PT	MAY 2013	A3	00
JR	MAY 2013		
GP	MAY 2013		

**JOB NO. 1092.01 PH**      **DRAWING NO. LAV-02**



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  2. ALL DIMENSIONS TO BE CHECKED BEFORE UNDER NO CIRCUMSTANCES SHOULD DIMENSIONS BE SCALED FROM THIS DRAWING.
  - 3.



**LEGEND:-**

	PROPOSED COMPOUND		PROPOSED TRADE SEWERAGE
	PROPOSED PAVEMENT		PROPOSED TRADE SEWERAGE
	PROPOSED WATER SUPPLY		PROPOSED TRADE SEWERAGE
	PROPOSED WATER SUPPLY		PROPOSED TRADE SEWERAGE
	PROPOSED WATER SUPPLY		PROPOSED TRADE SEWERAGE
	PROPOSED WATER SUPPLY		PROPOSED TRADE SEWERAGE
	PROPOSED WATER SUPPLY		PROPOSED TRADE SEWERAGE
	PROPOSED WATER SUPPLY		PROPOSED TRADE SEWERAGE
	PROPOSED WATER SUPPLY		PROPOSED TRADE SEWERAGE
	PROPOSED WATER SUPPLY		PROPOSED TRADE SEWERAGE

Drawing Base Reference:  
**PMC WORK ORDER 3469, DATED 15 DECEMBER, 2009**

REV	DATE	NAME	DESCRIPTION	CHKD
00	MAY13	PT	DRAFT DRG SUBMISSION	GP
AMENDMENTS				

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**PREPARATION OF DETAILED PROJECT REPORTS (DPR) & BID DOCUMENTS; TENDERING FOR EXECUTION; CONTROL OF SEWERAGE & DRAINAGE PROJECTS OF PATNA UNDER JANURM**

**CONSULTANT:-**

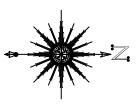
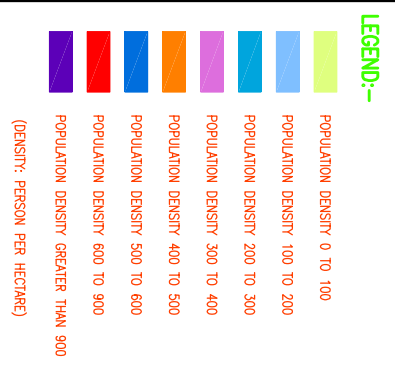
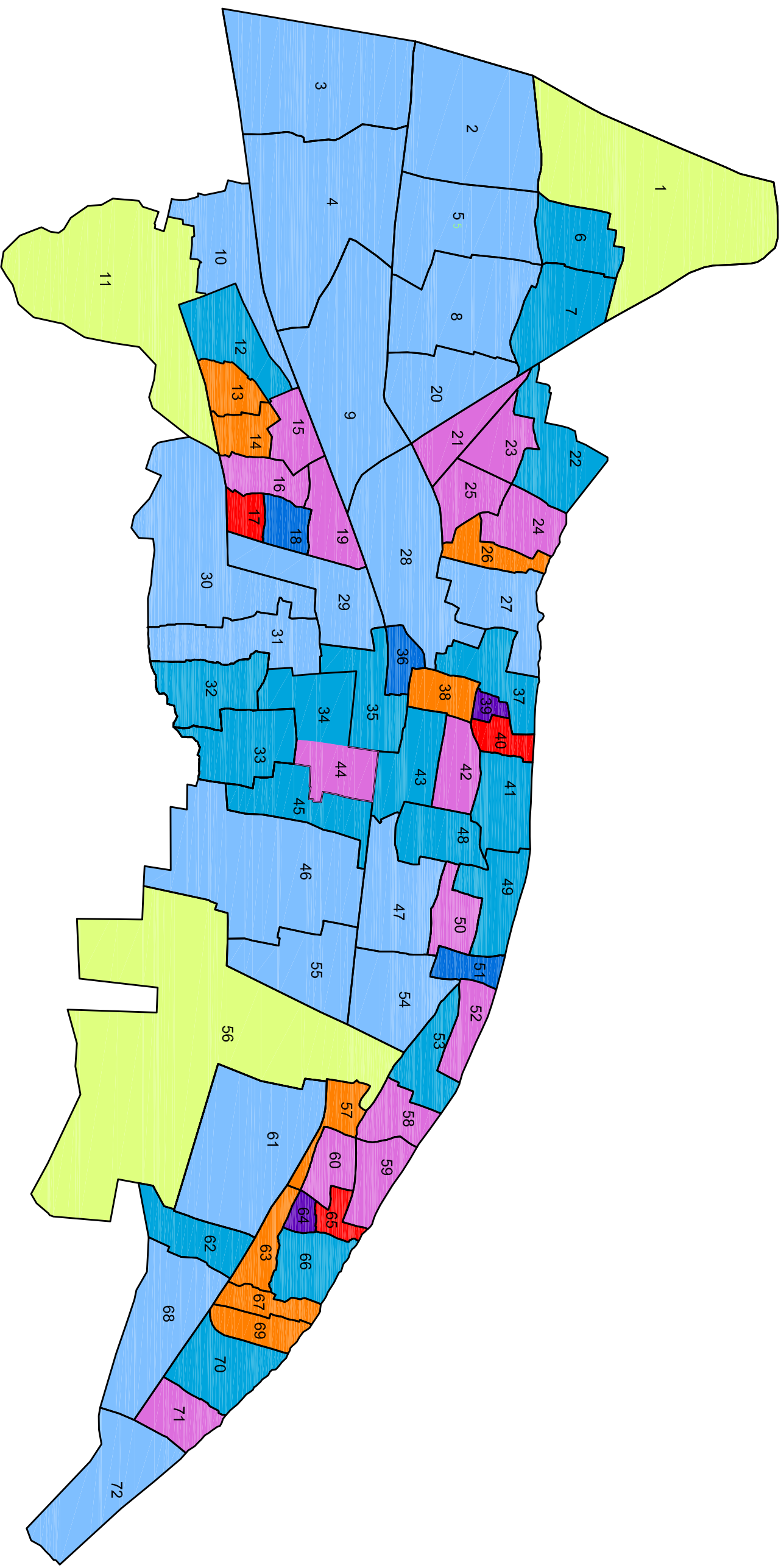
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**DRAWING TITLE**

**PATNA DEVELOPMENT PLAN-2021**

<b>PURPOSE OF ISSUE</b>		<b>SCALE : NIS</b>	
<b>DRAFT DETAILED PROJECT REPORT</b>		<b>SHEET SIZE : A3</b>	
<b>DRAWN</b>	BY	<b>DATE OF FIRST ISSUE</b>	
JR	PT	MAY 2013	
<b>DESIGNED</b>	JR	MAY 2013	
<b>CHECKED</b>	GP	MAY 2013	
<b>APPROVED</b>	CRR	MAY 2013	
<b>JOB NO.</b>	<b>DISCIPLINE</b>	<b>DRAWING NO.</b>	<b>REVISION</b>
1092.01	PH	LAY-03	00



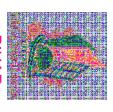


Drawing Based Reference:-  
PMC WORK ORDER 3489, DATED 15 DECEMBER, 2009

REV	DATE	NAME	DESCRIPTION	CHKD
00	MAY13	PT	DRAFT DPR SUBMISSION	GP

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PROJECT:-  
**PREPARATION OF DETAILED PROJECT REPORTS (DPRs) & BID DOCUMENTS; TENDERING FOR EXECUTION; CONSTRUCTION SUPERVISION & QUALITY-CONTROL OF SEWERAGE & DRAINAGE PROJECTS OF PATNA UNDER JNNURM**

CONSULTANT:-

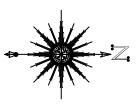
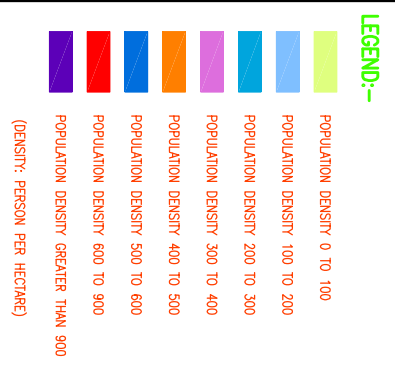
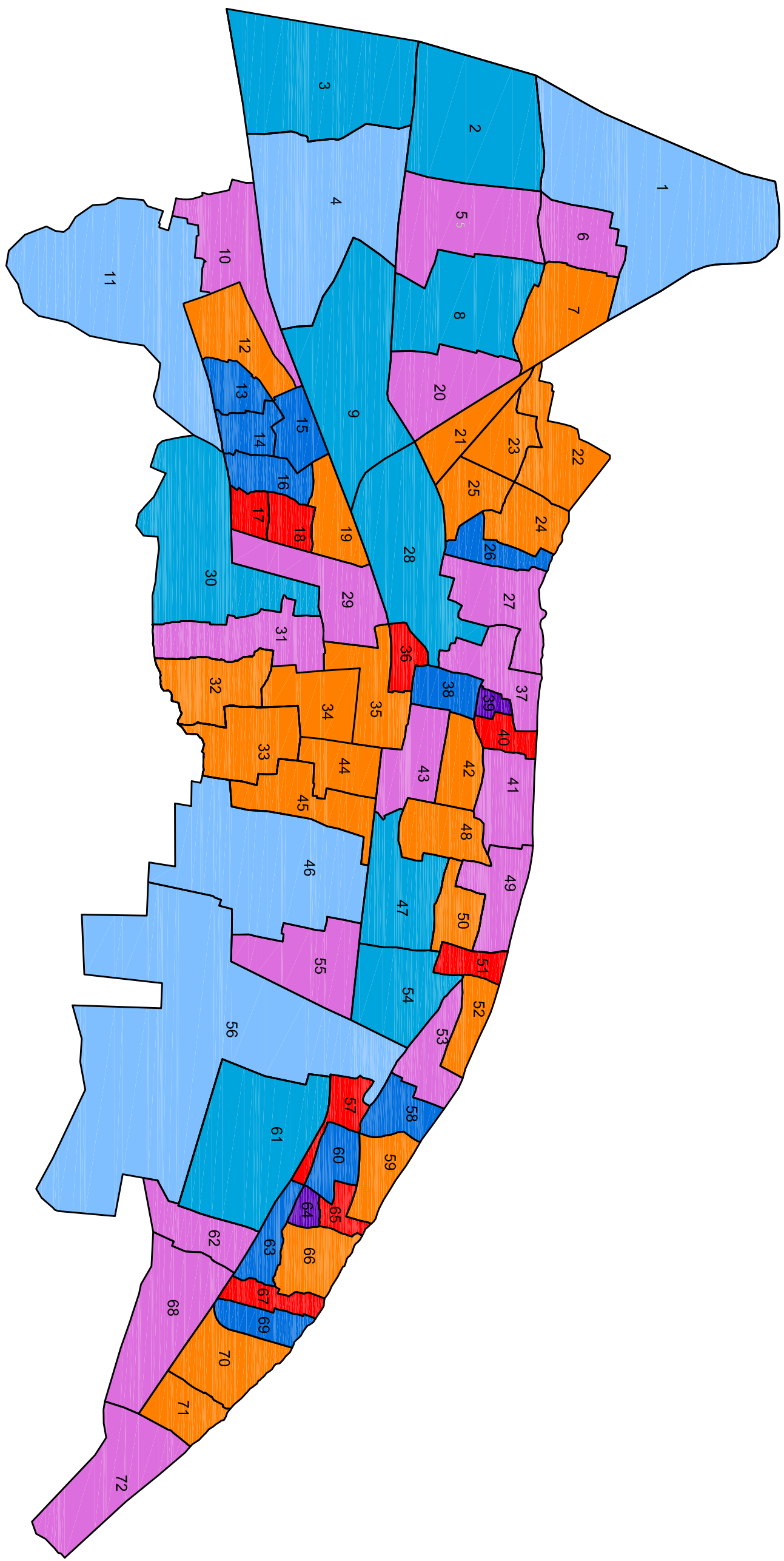


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DRAWING TITLE  
**POPULATION DENSITY MAP - 2013**

PURPOSE OF ISSUE		SCALE :-	N/S
DRAFT DETAILED PROJECT REPORT			
SHEET SIZE :- A3			
DRAWN	BY	DATE OF FIRST ISSUE	
DESIGNED	JR	MAY 2013	
CHECKED	GP	MAY 2013	
APPROVED	CRR	MAY 2013	
JOB NO.	DISCIPLINE	DRAWING NO.	REVISION
1092.01	PH	LAY-04	00



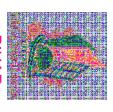


Drawing Base Reference:-  
**PMC WORK ORDER 3489, DATED 15 DECEMBER, 2009**

REV	DATE	NAME	DESCRIPTION	CHKD
00	MAY13	PT	DRAFT DPR SUBMISSION	GP

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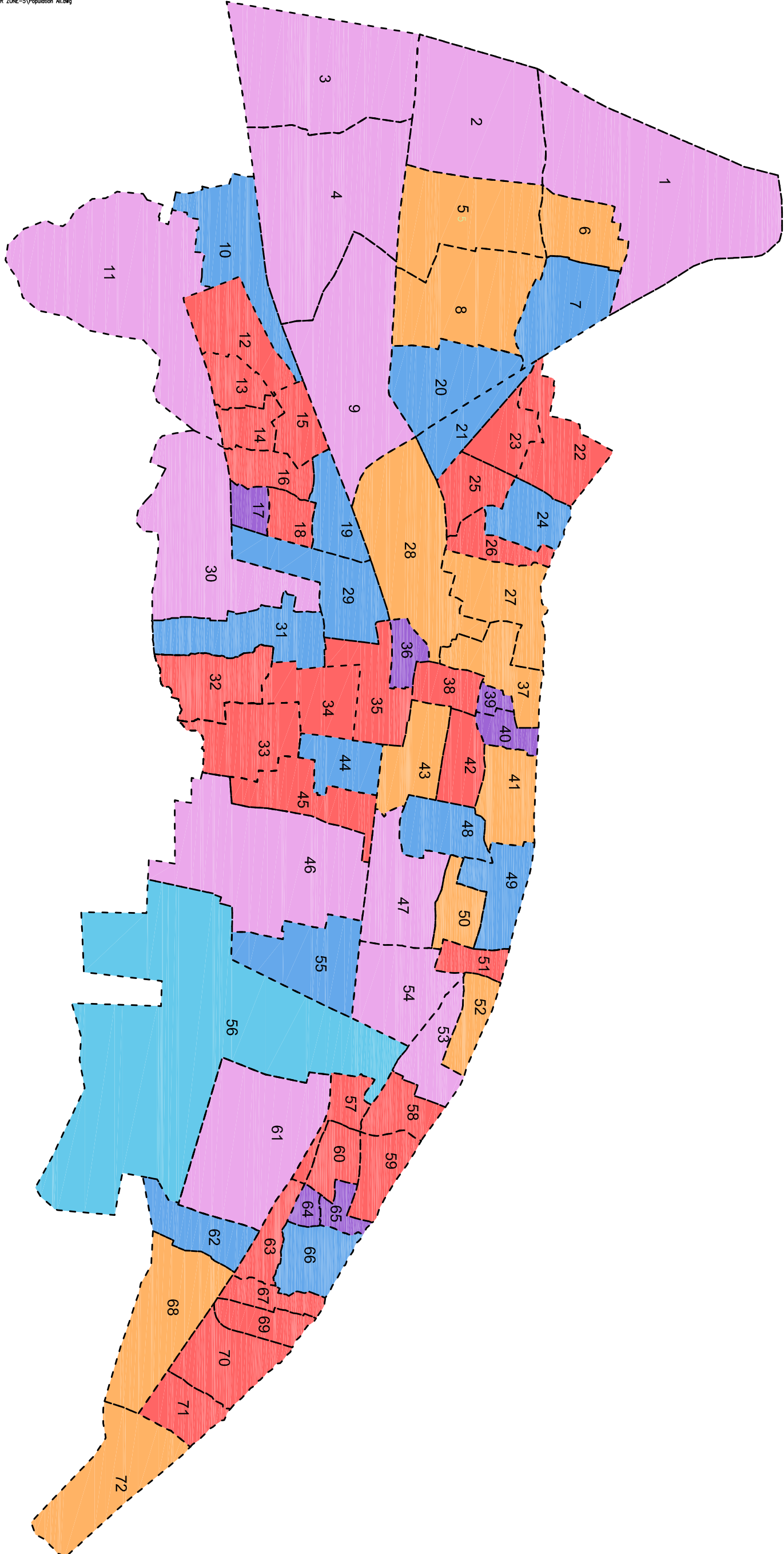
**PROJECT:-**  
 PREPARATION OF DETAILED PROJECT REPORTS (DPRs) & BID DOCUMENTS; TENDERING FOR EXECUTION; CONSTRUCTION SUPERVISION & QUALITY-CONTROL OF SEWERAGE & DRAINAGE PROJECTS OF PATNA UNDER JNNURM

**CONSULTANT:-**  
  
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**DRAWING TITLE**  
**POPULATION DENSITY MAP - 20332**

PURPOSE OF ISSUE	SCALE	DATE OF FIRST ISSUE	REVISION
DRAFT DETAILED PROJECT REPORT	: NTS		
BY	SHEET SIZE : A3		
DRAWN		MAY 2013	
DESIGNED		MAY 2013	
CHECKED		MAY 2013	
APPROVED		MAY 2013	
JOB NO.	DISCIPLINE	DRAWING NO.	REVISION
1092.01	PH	LAY-05	00

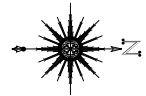




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**LEGEND:-**

- POPULATION DENSITY 0 TO 100
- POPULATION DENSITY 100 TO 200
- POPULATION DENSITY 200 TO 300
- POPULATION DENSITY 300 TO 400
- POPULATION DENSITY 400 TO 500
- POPULATION DENSITY 500 TO 600
- POPULATION DENSITY 600 TO 700
- POPULATION DENSITY GREATER THAN 700



Drawing Base Reference:-  
PMC WORK ORDER 3489, DATED 15 DECEMBER, 2009

REV	DATE	NAME	DESCRIPTION	CHANGED
0	OCT11	SA	ISSUED FOR DPR	VA

**AMENDMENTS**

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**PATNA MUNICIPAL CORPORATION**

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**PROJECT:-**  
PREPARATION OF DETAILED PROJECT REPORTS (DPRs) & BID DOCUMENTS;  
TENDERING FOR EXECUTION; CONSTRUCTION SUPERVISION & QUALITY CONTROL OF SEWERAGE PROJECTS OF PATNA UNDER NGRBA

**CONSULTANT:-**

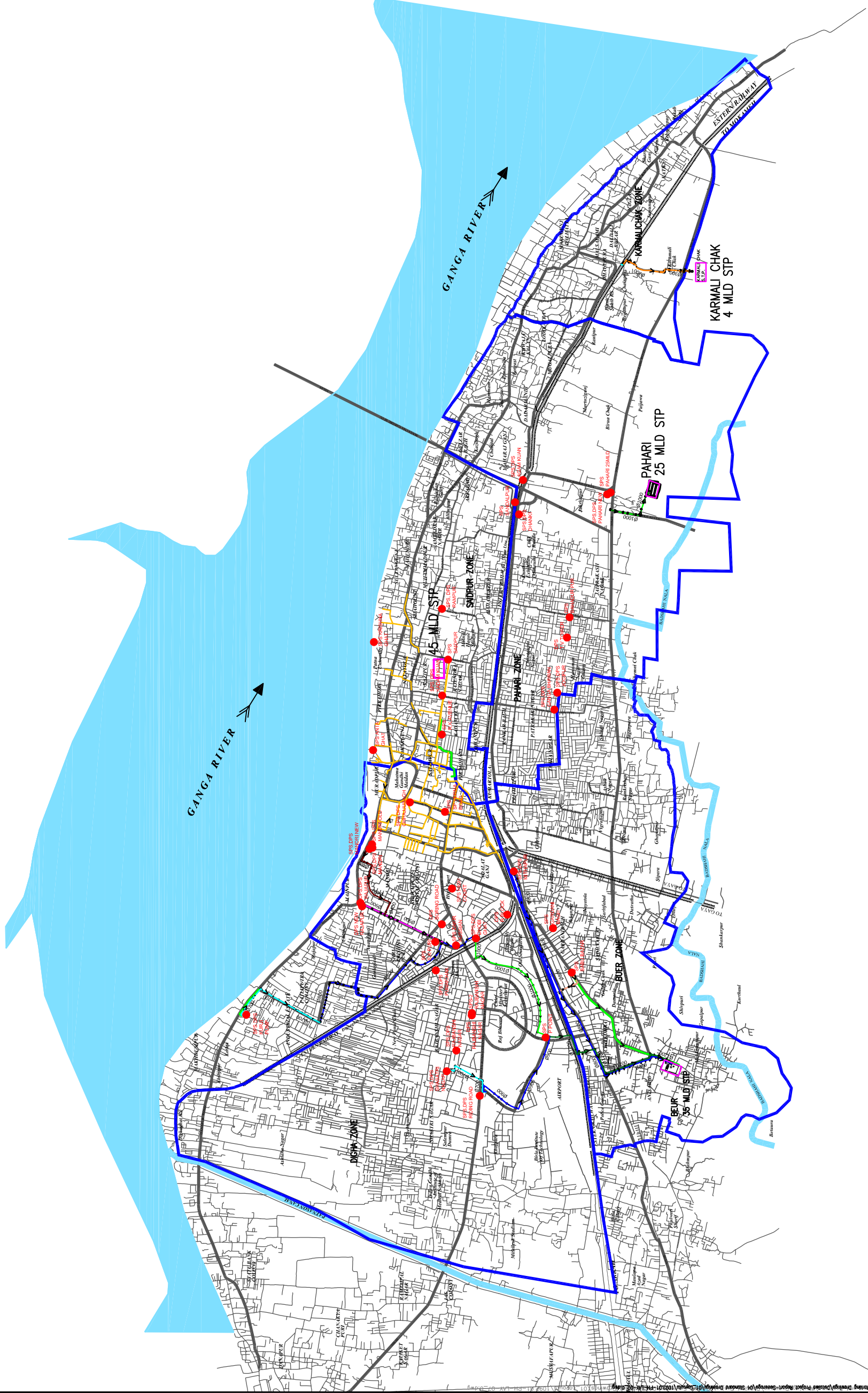
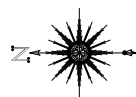


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[www.meinhardtindia.com](http://www.meinhardtindia.com); Email:- [info@meinhardtindia.com](mailto:info@meinhardtindia.com)

**DRAWING TITLE**  
POPULATION DENSITY MAP OF PATNA MUNICIPAL CORPORATION

<b>PURPOSE OF ISSUE</b>		<b>SCALE :- 1 : 1000</b>	
<b>ISSUED FOR DPR</b>		<b>SHEET SIZE :- A3</b>	
<b>BY</b>	<b>DATE OF FIRST ISSUE</b>		
SA	OCTOBER 2013		
<b>DRAWN</b>	YA	OCTOBER 2013	
<b>DESIGNED</b>	YA	OCTOBER 2013	
<b>CHECKED</b>	CR	OCTOBER 2013	
<b>APPROVED</b>	CR	OCTOBER 2013	
<b>JOB NO.</b>	<b>DISCIPLINE</b>	<b>DRAWING NO.</b>	<b>REVISION</b>
1092.01	PH	LAY-06	0





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**LEGEND:-**

- ROAD  
RAIL TRACK
- #300 TRUNK SEWER
  - #400 TRUNK SEWER
  - #600 TRUNK SEWER
  - #700 TRUNK SEWER
  - #800 TRUNK SEWER
  - #900 TRUNK SEWER
  - #1000 TRUNK SEWER
  - #1200 TRUNK SEWER
  - BRANCH MAIN
  - RISING MAIN
  - SEWERAGE PUMPING STATION
  - SEWERAGE TREATMENT PLANT
  - SEWER ZONE BOUNDARY
- S.T.P.

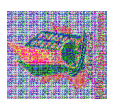
Drawing Base Reference:-  
**PMC WORK ORDER 3489, DATED 15 DECEMBER, 2009**

REV	DATE	NAME	DESCRIPTION	CHKD
00	MAY 13	PT	DRAFT DPR SUBMISSION	GP

**AMENDMENTS**

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PROJECT:-

**PREPARATION OF DETAILED PROJECT  
REPORTS (DPRs) & BID DOCUMENTS;  
TENDERING FOR EXECUTION;  
CONSTRUCTION SUPERVISION & QUALITY-  
CONTROL OF SEWERAGE & DRAINAGE  
PROJECTS OF PATNA UNDER JNNURM**

CONSULTANT:-



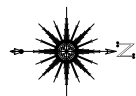
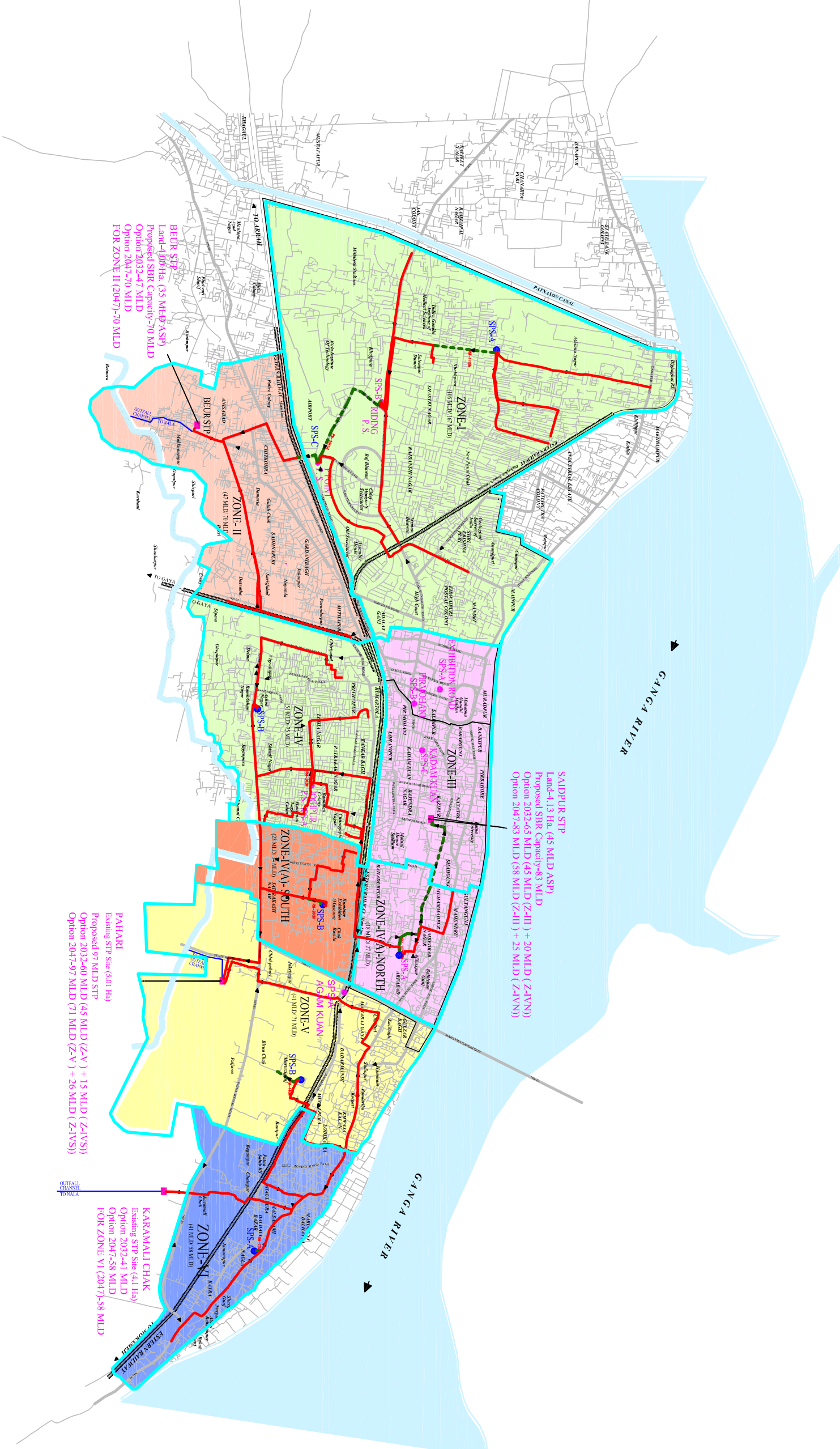
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DRAWING TITLE

**EXISTING SEWERAGE SYSTEM**

PURPOSE OF ISSUE	SCALE	NTS
DRAFT DETAILED PROJECT REPORT	SHEET SIZE	A3
BY	DATE OF FIRST ISSUE	
PT	MAY 2013	
DESIGNED	JR	MAY 2013
CHECKED	GP	MAY 2013
APPROVED	CR	MAY 2013
JOB NO.	DISCIPLINE	DRAWING NO.
1092.01	PH	LAY-07
		REVISIONS
		00





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**LEGEND:-**

- MAJOR ROADS
- ROADS
- RAIL TRACK
- RIVER, NATURAL DRAIN
- EXISTING SEWAGE P. SING STATION
- PROPOSED SEWAGE P. SING STATION
- EXISTING SEWAGE TREATMENT PLANT
- PROPOSED SEWAGE TREATMENT PLANT
- EXISTING SEWERAGE NETWORK
- PROPOSED SEWERAGE NETWORK
- PROPOSED SEWERAGE ZONE BOUNDARY

**PROPOSED SEWERAGE ZONES**

- BIER STP PACKAGE-1 PHASE-2
- SAIDPUR STP PACKAGE-2
- PAHARI STP PACKAGE-3
- PACKAGE-4
- PACKAGE-5
- PACKAGE-6
- PACKAGE-7
- PACKAGE-8

Drawing Base Reference:-  
**PMC WORK ORDER 3489, DATED 15 DECEMBER, 2009**

REV	DATE	NAME	DESCRIPTION	CHKD
0	MAY'13	US	ISSUED FOR DPR	RMS

**AMENDMENTS**

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**CLIENT:-**  
BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION

**PROJECT:-**  
PREPARATION OF DETAILED PROJECT REPORTS (DPRS) & BID DOCUMENTS;  
TENDERING FOR EXECUTION;  
CONSTRUCTION SUPERVISION & QUALITY CONTROL OF SEWERAGE PROJECTS OF PATNA UNDER NGRBA

**CONSULTANT:-**  
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**DRAWING TITLE**  
**PROPOSED SEWERAGE SYSTEM**

FILED OF ISSUE	SCALE	DATE OF ISSUE
PROPOSED PROJECT REPORT (SEWERAGE)	M/S	A2
DRAWN	US	MAY 2013
DESIGNED	BSP	MAY 2013
CHECKED	RKS	MAY 2013
APPROVED	CHR	MAY 2013
DISCIPLINE	DRAWING NO.	REVISION
1092.01	PH	LAY-08
		0