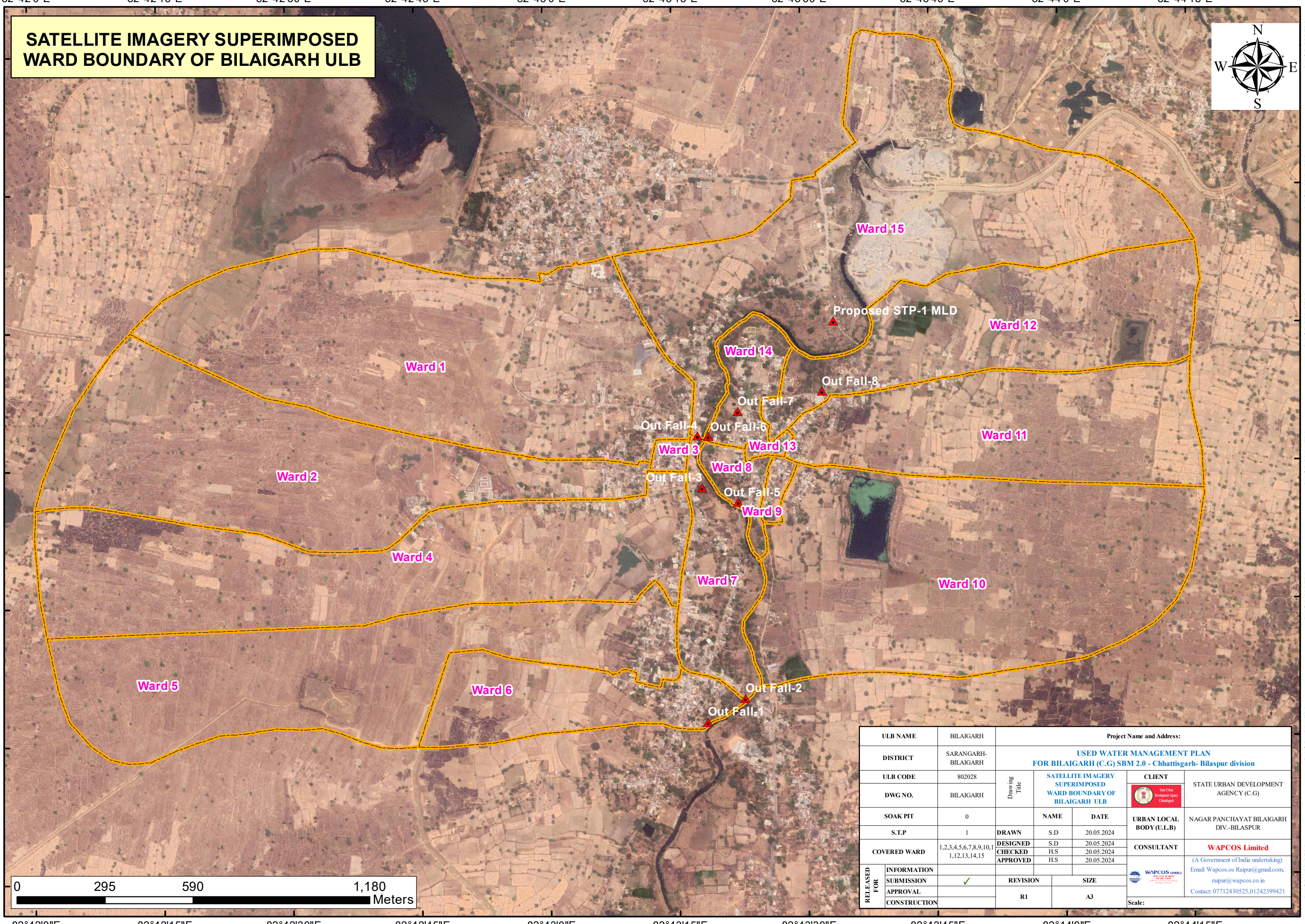
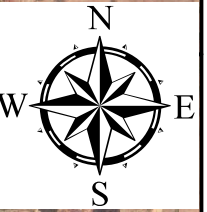


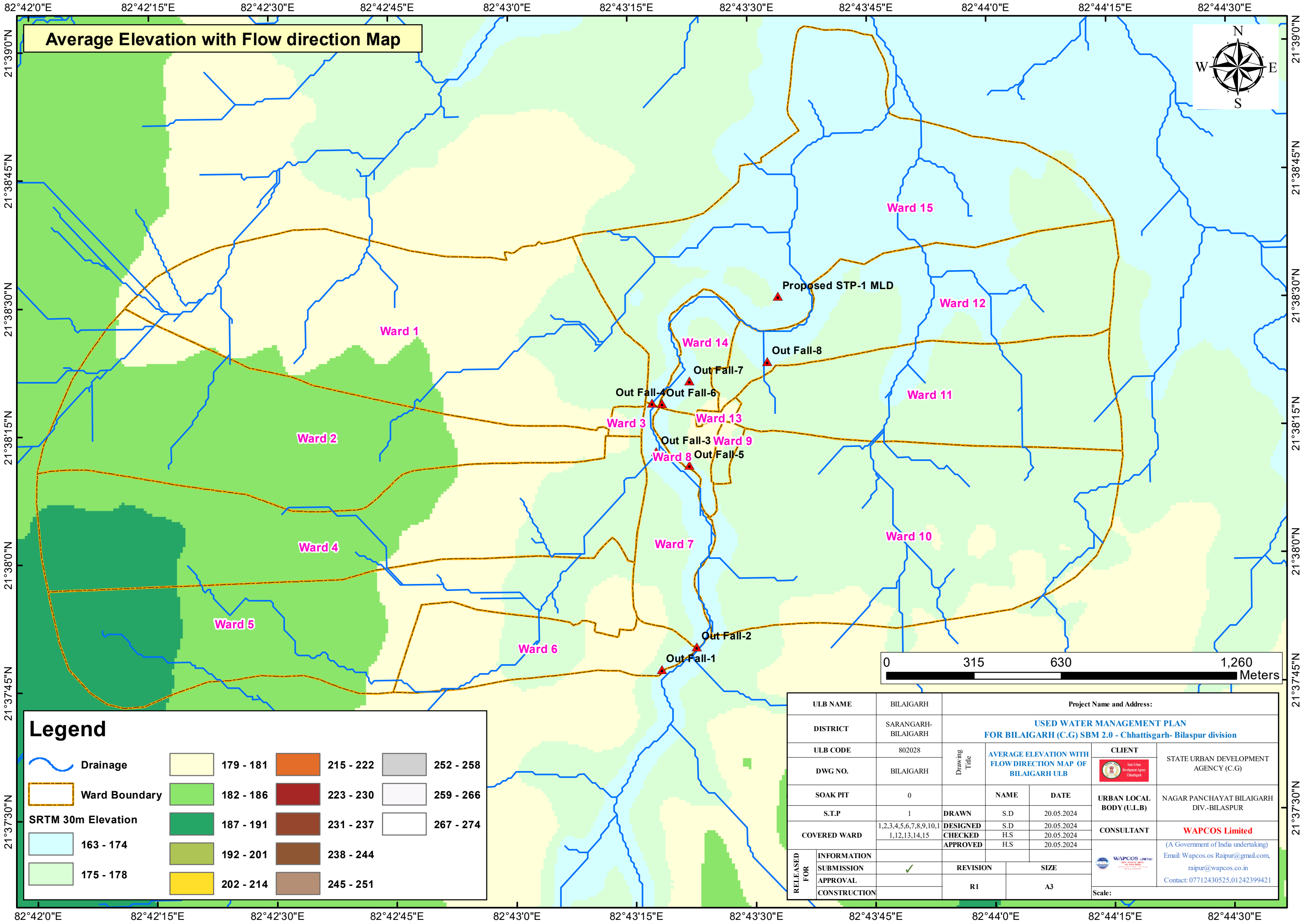


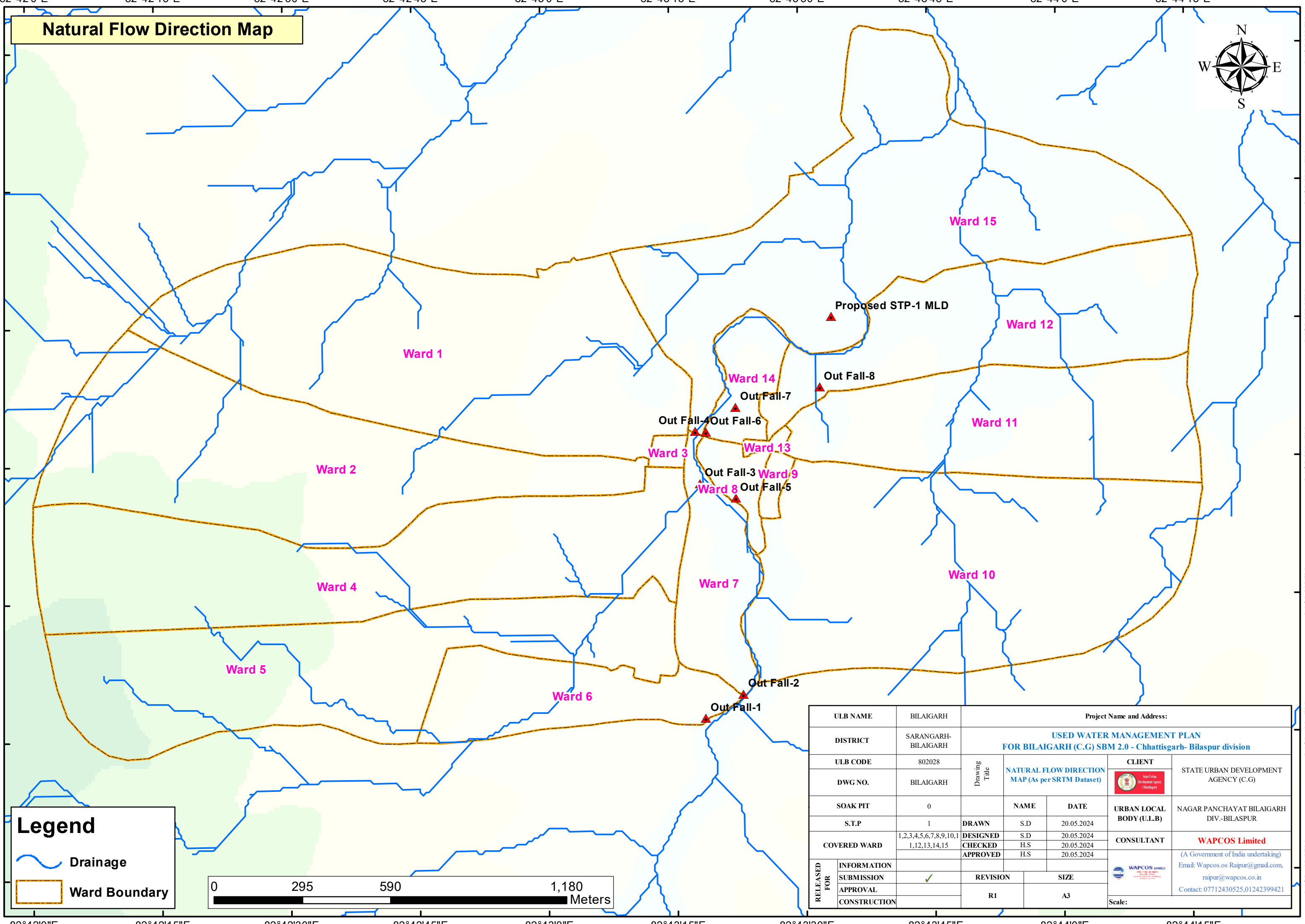
**SATELLITE IMAGERY SUPERIMPOSED  
WARD BOUNDARY OF BILAIGARH ULB**



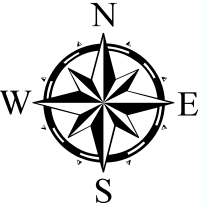
ULB NAME		BILAIGARH		Project Name and Address:					
DISTRICT		SARANGARH- BILAIGARH		USED WATER MANAGEMENT PLAN FOR BILAIGARH (C.G) SBM 2.0 - Chhattisgarh- Bilaspur division					
ULB CODE		802028		Drawing Title	SATELLITE IMAGERY SUPERIMPOSED WARD BOUNDARY OF BILAIGARH ULB		CLIENT		STATE URBAN DEVELOPMENT AGENCY (C.G)
DWG NO.		BILAIGARH							
SOAK PIT		0			NAME	DATE	URBAN LOCAL BODY (U.L.B)		NAGAR PANCHAYAT BILAIGARH DIV.-BILASPUR
S.T.P		1		DRAWN	S.D	20.05.2024			
COVERED WARD		1,2,3,4,5,6,7,8,9,10,1 1,12,13,14,15		DESIGNED	S.D	20.05.2024	CONSULTANT		WAPCOS Limited  (A Government of India undertaking) Email: Wapcos.os Raipur@gmail.com, raipur@wapcos.co.in Contact: 07712430525,01242399421
				CHECKED	H.S	20.05.2024			
				APPROVED	H.S	20.05.2024			
RELEASED FOR	INFORMATION							 Scale:	
	SUBMISSION	✓		REVISION		SIZE			
	APPROVAL			R1		A3			
	CONSTRUCTION								







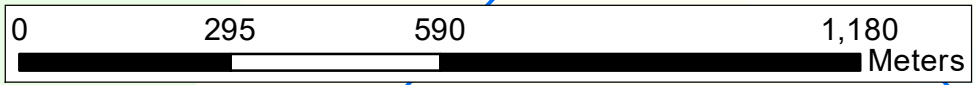
Natural Flow Direction Map





**Legend**

Drainage

Ward Boundary




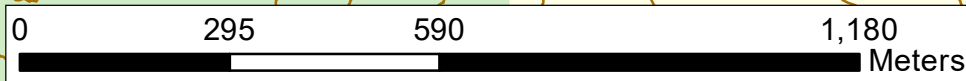
ULB NAME		BILAIGARH	Project Name and Address:						
DISTRICT		SARANGARH-BILAIGARH	USED WATER MANAGEMENT PLAN FOR BILAIGARH (C.G) SBM 2.0 - Chhattisgarh- Bilaspur division						
ULB CODE		802028	Drawing Title	NATURAL FLOW DIRECTION MAP (As per SRTM Dataset)		CLIENT		STATE URBAN DEVELOPMENT AGENCY (C.G)	
DWG NO.		BILAIGARH							
SOAK PIT		0		NAME	DATE	URBAN LOCAL BODY (U.L.B)		NAGAR PANCHAYAT BILAIGARH DIV.-BILASPUR	
S.T.P		1	DRAWN	S.D	20.05.2024	CONSULTANT		WAPCOS Limited  (A Government of India undertaking) Email: Wapcos.os Raipur@gmail.com, raipur@wapcos.co.in Contact: 07712430525,01242399421	
COVERED WARD		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	DESIGNED	S.D	20.05.2024				
			CHECKED	H.S	20.05.2024				
RELEASED FOR			APPROVED	H.S	20.05.2024	 Scale:			
	INFORMATION								
	SUBMISSION	✓	REVISION		SIZE				
	APPROVAL		R1		A3				
CONSTRUCTION									



Contour Map as per SRTM data



**Legend**

 Contour\_1m

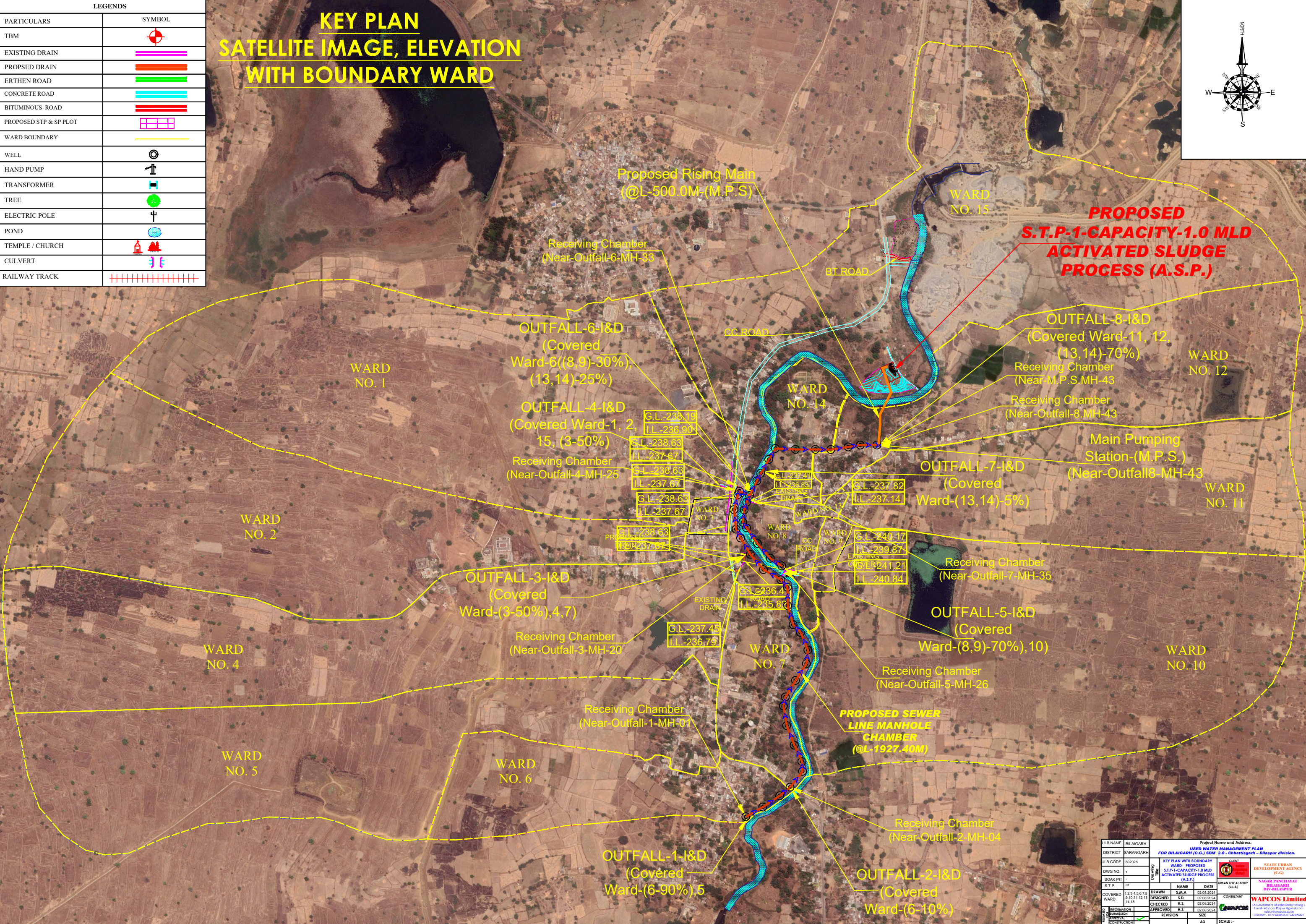
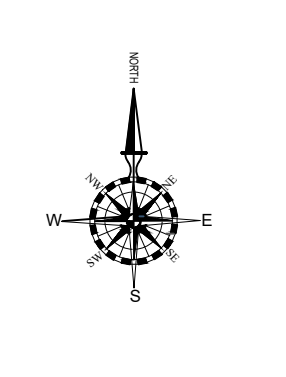


ULB NAME		BILAIGARH	Project Name and Address:				
DISTRICT		SARANGARH-BILAIGARH	USED WATER MANAGEMENT PLAN FOR BILAIGARH (C.G) SBM 2.0 - Chhattisgarh- Bilaspur division				
ULB CODE		802028	Drawing Title	CONTOUR 1 METER INTERVEL MAP (As per SRTM Data)		CLIENT	STATE URBAN DEVELOPMENT AGENCY (C.G)
DWG NO.		BILAIGARH					
SOAK PIT		0		NAME	DATE	URBAN LOCAL BODY (U.L.B)	NAGAR PANCHAYAT BILAIGARH DIV.-BILASPUR
S.T.P		1	DRAWN	S.D	20.05.2024		
COVERED WARD		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	DESIGNED	S.D	20.05.2024	CONSULTANT	WAPCOS Limited  (A Government of India undertaking) Email: Wapcos.os Raipur@gmail.com, raipur@wapcos.co.in Contact: 07712430525,01242399421
			CHECKED	H.S	20.05.2024		
			APPROVED	H.S	20.05.2024		
RELEASED FOR	INFORMATION						
	SUBMISSION	✓	REVISION		SIZE		
	APPROVAL		R1		A3		
	CONSTRUCTION						
						Scale:	



LEGENDS	
PARTICULARS	SYMBOL
TBM	
EXISTING DRAIN	
PROPOSED DRAIN	
ERTHEN ROAD	
CONCRETE ROAD	
BITUMINOUS ROAD	
PROPOSED STP & SP PLOT	
WARD BOUNDARY	
WELL	
HAND PUMP	
TRANSFORMER	
TREE	
ELECTRIC POLE	
POND	
TEMPLE / CHURCH	
CULVERT	
RAILWAY TRACK	

KEY PLAN  
SATELLITE IMAGE, ELEVATION  
WITH BOUNDARY WARD

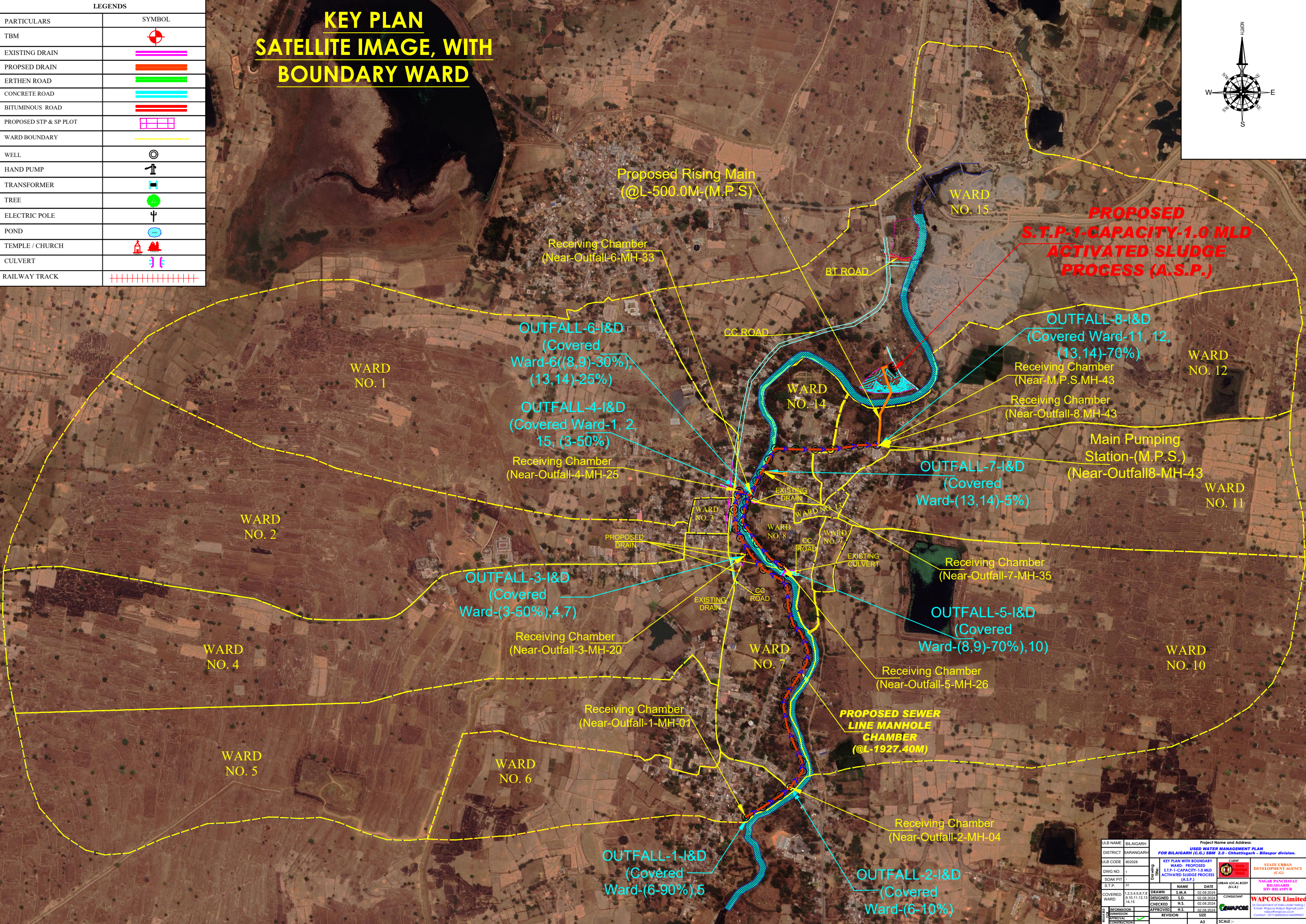
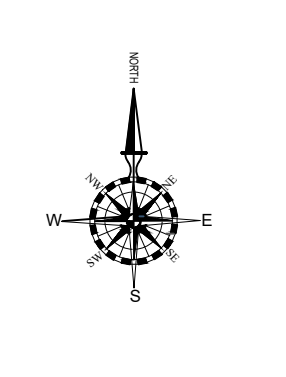


ULB NAME	BILAI GARH	Project Name and Address:	USED WATER MANAGEMENT PLAN FOR BILAI GARH (C.G.) S.W. S.P. Chhattisgarh - Bilaspur division.
DISTRICT	SARANGGARH	KEY PLAN WITH BOUNDARY	WARD - PROPOSED
ALB CODE	802028	DESIGNED	S.D.
DIWG NO.	1	CHECKED	H.S.
SOAK PIT	-	APPROVED	H.S.
S.T.P.	01	REVISION	SIZE
COVERED WARD	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	DATE	02.08.2024
DRAWN	S.M.A.	DATE	02.08.2024
CONSULTANT	WAPCOS Limited	DATE	02.08.2024
SCALE	A3	SCALE	1:1000



LEGENDS	
PARTICULARS	SYMBOL
TBM	
EXISTING DRAIN	
PROPOSED DRAIN	
ERTHEN ROAD	
CONCRETE ROAD	
BITUMINOUS ROAD	
PROPOSED STP & SP PLOT	
WARD BOUNDARY	
WELL	
HAND PUMP	
TRANSFORMER	
TREE	
ELECTRIC POLE	
POND	
TEMPLE / CHURCH	
CULVERT	
RAILWAY TRACK	

**KEY PLAN**  
**SATELLITE IMAGE, WITH**  
**BOUNDARY WARD**

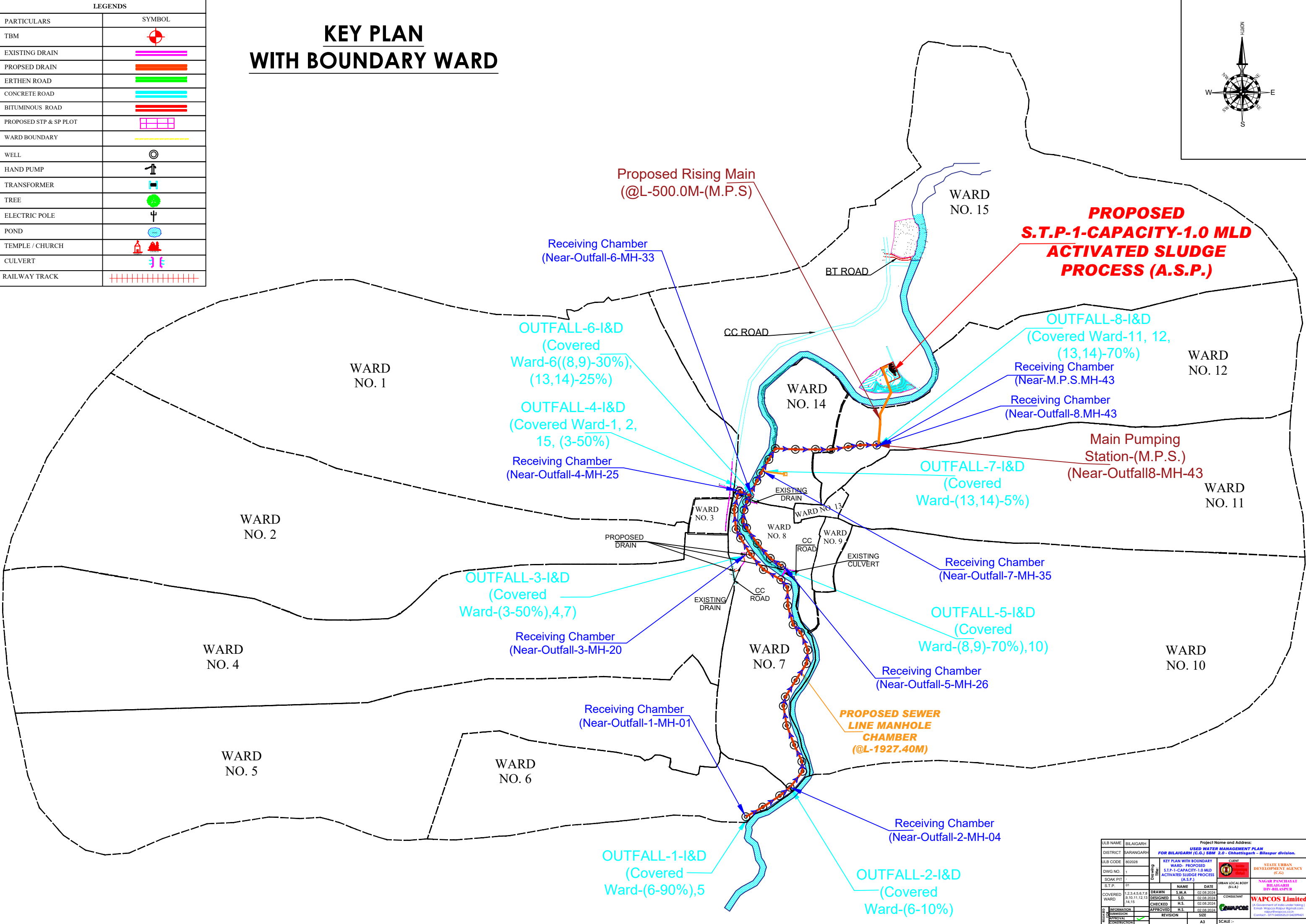
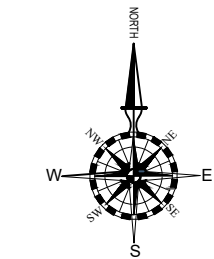




ULB NAME	BILGAIRH	Project Name and Address:	USED WATER MANAGEMENT PLAN FOR BILGAIRH (C.G.) S.W. 2.P. Chhatigarh - Bilaspur division.
DISTRICT	SARANGARH	CLIENT	STATE URBAN DEVELOPMENT AGENCY (C.G.)
ALB CODE	802028	KEY PLAN WITH BOUNDARY	WARD - PROPOSED
DIWG NO.	1	DESIGNED	S.D.
SOAK PIT	-	CHECKED	H.S.
S.T.P.	01	APPROVED	H.S.
COVERED WARD	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	REVISION	SIZE
DATE	02.08.2024	DATE	02.08.2024
CONSULTANT	WAPCOS Limited	SCALE	1:1



LEGENDS	
PARTICULARS	SYMBOL
TBM	
EXISTING DRAIN	
PROPOSED DRAIN	
ERTHEN ROAD	
CONCRETE ROAD	
BITUMINOUS ROAD	
PROPOSED STP & SP PLOT	
WARD BOUNDARY	
WELL	
HAND PUMP	
TRANSFORMER	
TREE	
ELECTRIC POLE	
POND	
TEMPLE / CHURCH	
CULVERT	
RAILWAY TRACK	

KEY PLAN  
WITH BOUNDARY WARD

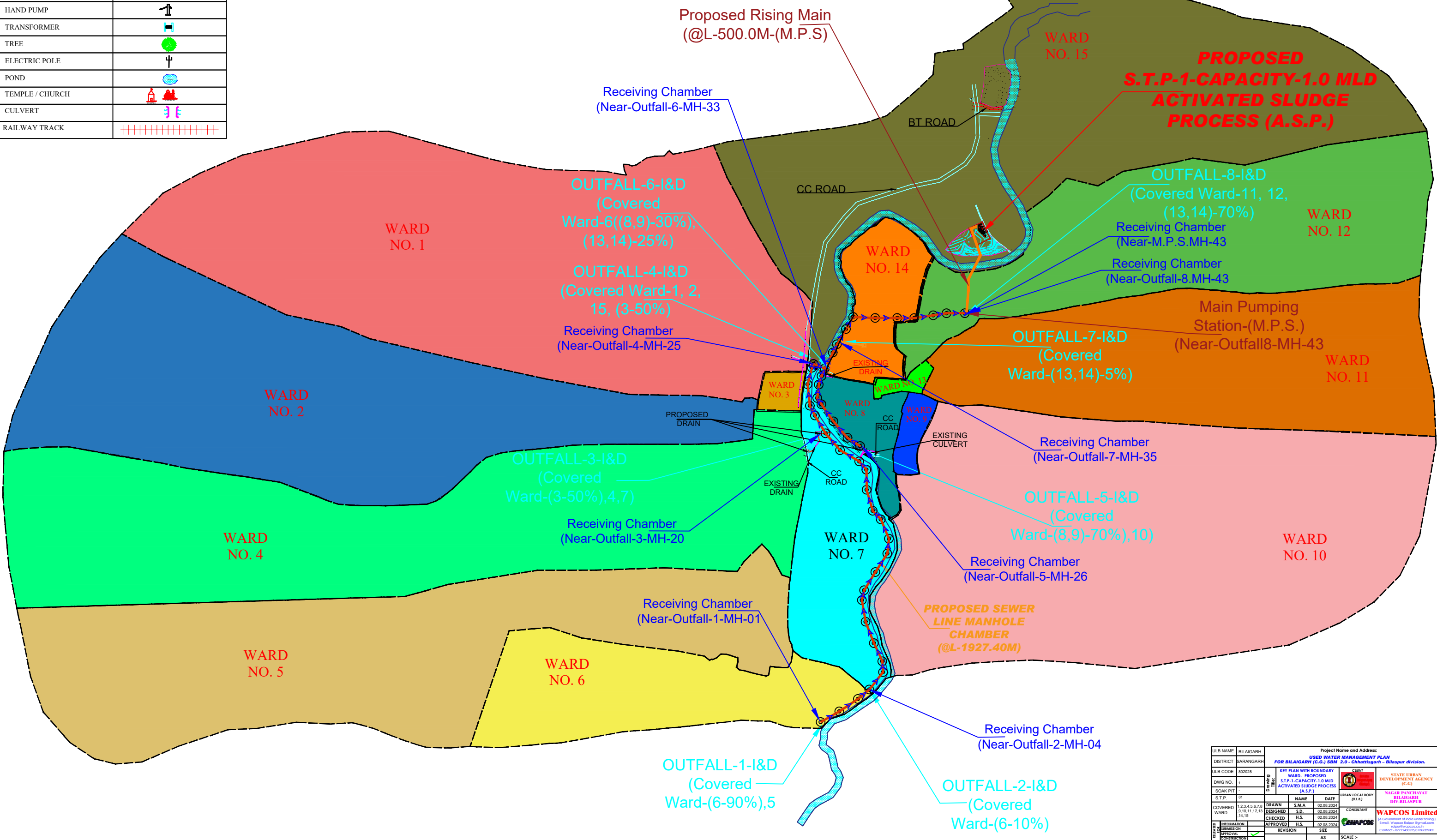
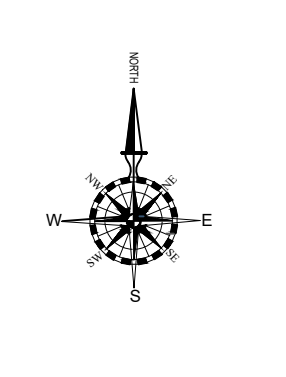


ULB NAME		BILAIGARH		Project Name and Address:	
DISTRICT		SARANGARH		USED WATER MANAGEMENT PLAN	
SLB CODE		802028		FOR BILAIGARH (C.G.) SBM 2.0 - Chhattisgarh - Bilaspur division.	
DIWG NO.		1		KEY PLAN WITH BOUNDARY	
SOAK PIT		-		WARD - PROPOSED	
S.T.P.		01		S.T.P-1-CAPACITY-1.0 MLD	
COVERED WARD		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15		ACTIVATED SLUDGE PROCESS (A.S.P.)	
REVISION	DRAWN	NAME	DATE	CLIENT	STATE URBAN DEVELOPMENT AGENCY (C.G.)
	DESIGNED	S.D.	02.08.2024		
	CHECKED	H.S.	02.08.2024		
	APPROVED	H.S.	02.08.2024		
	REVISION	SIZE			
	REVISION	SIZE			
	REVISION	SIZE			
	REVISION	SIZE			
	REVISION	SIZE			
	REVISION	SIZE			
CONSULTANT				NAGAR PANCHAYAT BILAIGARH DIST-BILASPUR	
				WAPCOS Limited	
				A Government of India under taking Central Water Sector Reform Project revised/wapcos/cg Consultant: (2019/2020/2021/2022/2023)	



LEGENDS	
PARTICULARS	SYMBOL
TBM	
EXISTING DRAIN	
PROPOSED DRAIN	
ERTHEN ROAD	
CONCRETE ROAD	
BITUMINOUS ROAD	
PROPOSED STP & SP PLOT	
WARD BOUNDARY	
WELL	
HAND PUMP	
TRANSFORMER	
TREE	
ELECTRIC POLE	
POND	
TEMPLE / CHURCH	
CULVERT	
RAILWAY TRACK	

KEY PLAN  
WITH DETAILS OF BOUNDARY  
WARD



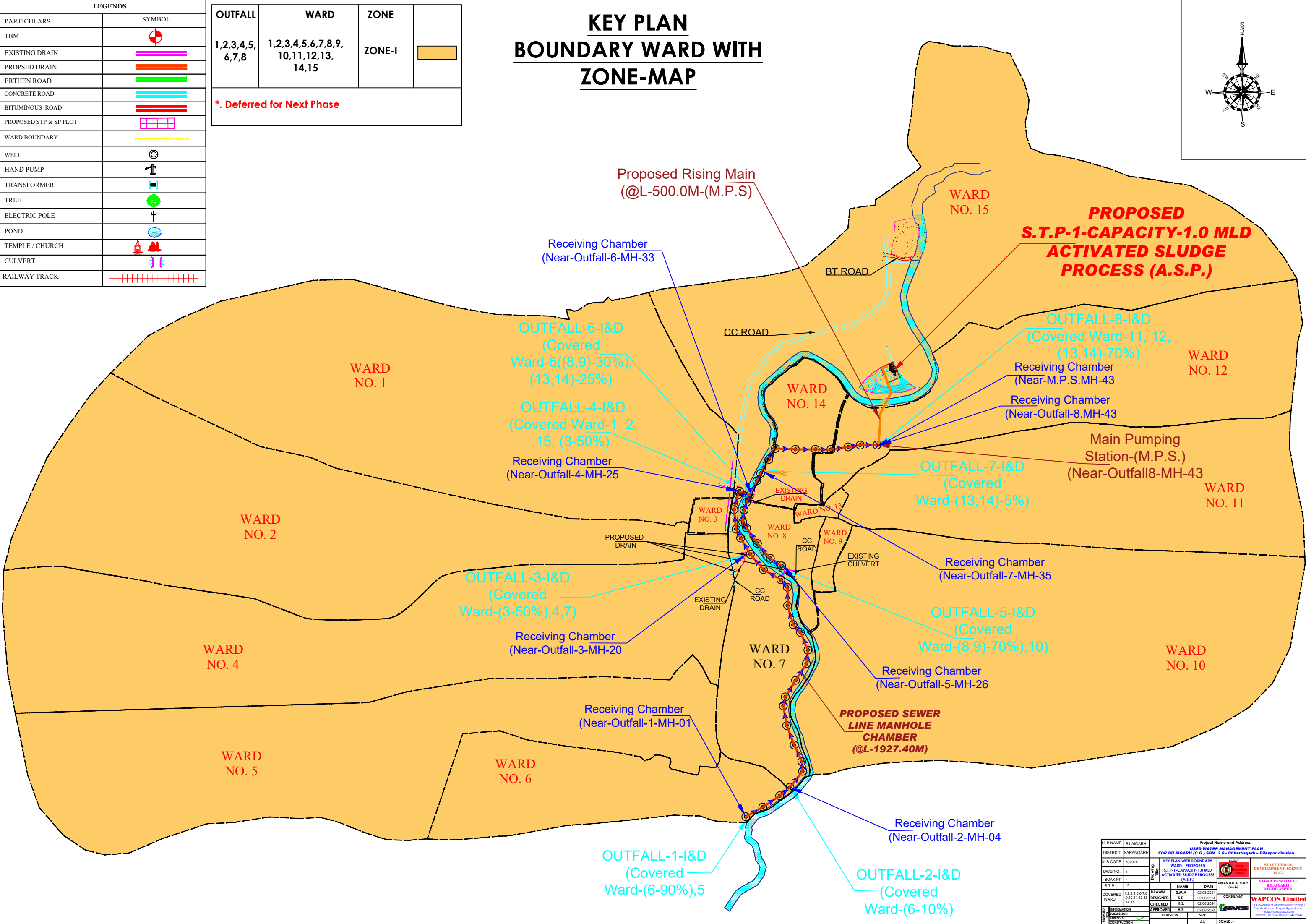
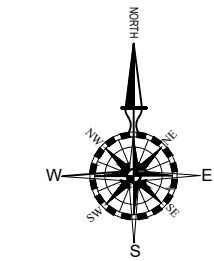
ULB NAME	BILGAIRH	Project Name and Address:	
DISTRICT	SARANGARH	USED WATER MANAGEMENT PLAN FOR BILGAIRH (C.G.) S.W. 2.P. Chhatishgarh - Bilaspur division.	
ALB CODE	802028	KEY PLAN WITH BOUNDARY	WARD - PROPOSED
DIWG NO.	1	DESIGNED	S.D.
SOAK PIT	-	CHECKED	H.S.
S.T.P.	01	APPROVED	H.S.
COVERED WARD	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15	REVISION	SIZE
INFORMATION		REVISION	SIZE
SUBMISSION		REVISION	SIZE
APPROVED		REVISION	SIZE
REVISION		REVISION	SIZE
CONTRIBUTOR		REVISION	SIZE
SCALE	A3	SCALE	:-



LEGENDS	
PARTICULARS	SYMBOL
TBM	
EXISTING DRAIN	
PROPOSED DRAIN	
ERTHEN ROAD	
CONCRETE ROAD	
BITUMINOUS ROAD	
PROPOSED STP & SP PLOT	
WARD BOUNDARY	
WELL	
HAND PUMP	
TRANSFORMER	
TREE	
ELECTRIC POLE	
POND	
TEMPLE / CHURCH	
CULVERT	
RAILWAY TRACK	

OUTFALL	WARD	ZONE	
1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	ZONE-I	
*. Deferred for Next Phase			

KEY PLAN  
BOUNDARY WARD WITH  
ZONE-MAP

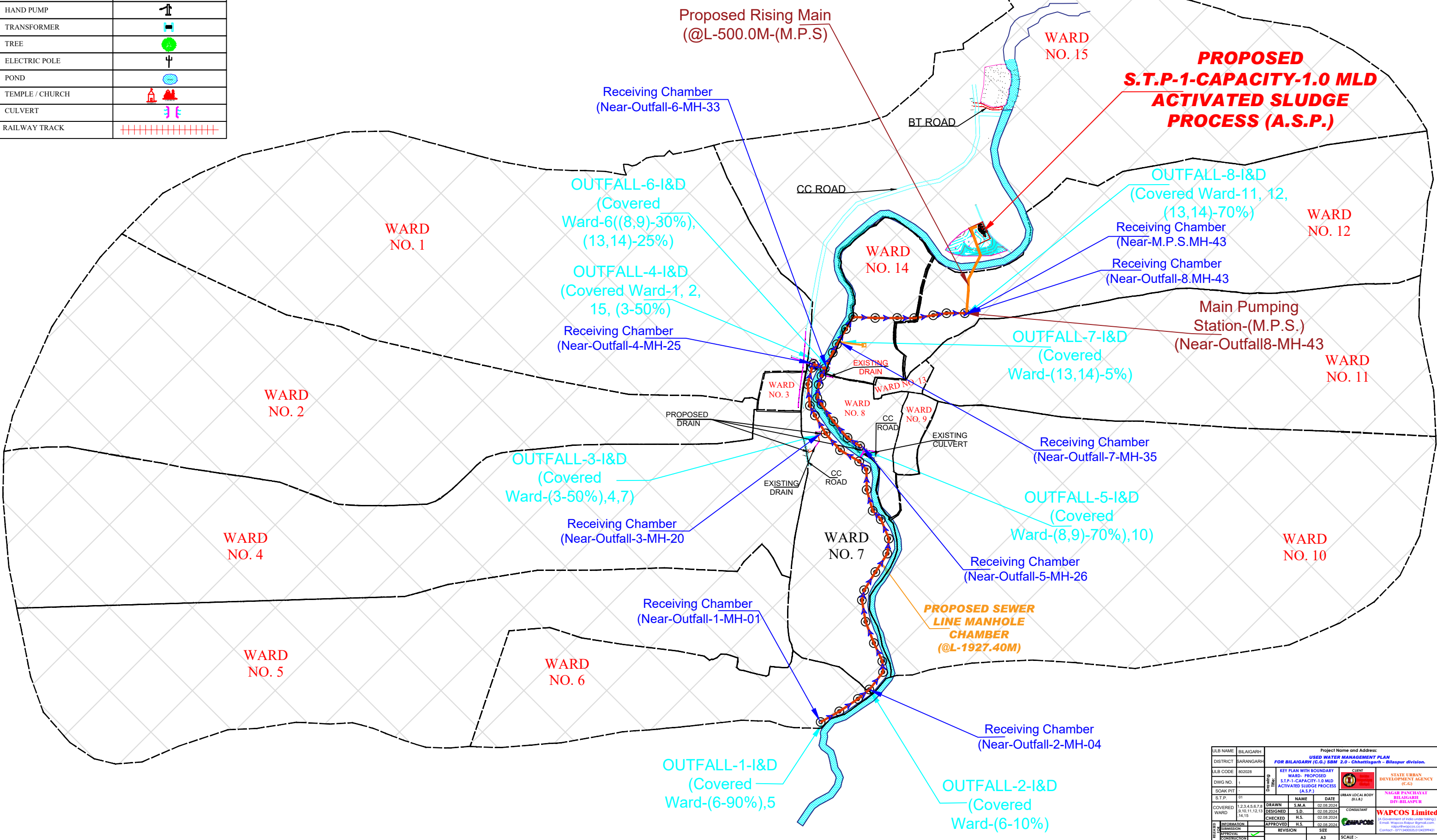
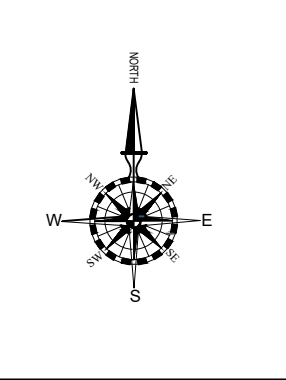


ULB NAME: BILGAIRH		Project Name and Address:	
DISTRICT: SARANGARH		USED WATER MANAGEMENT PLAN	
ALB CODE: 802028		FOR BILGAIRH (C.G.) S.W. S.P. Chhattisgarh - Bilaspur division.	
DWG NO: 1		KEY PLAN WITH BOUNDARY	
SOAK PIT: -		WARD - PROPOSED	
S.T.P. 01		S.T.P-1-CAPACITY-1.0 MLD	
COVERED WARD: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15		ACTIVATED SLUDGE PROCESS (A.S.P.)	
DESIGNED: S.D. 02.08.2024		NAME: S.M.A. 02.08.2024	
CHECKED: H.S. 02.08.2024		DATE: 02.08.2024	
APPROVED: H.S. 02.08.2024		CONSULTANT: WAPCOS Limited	
SUBMISSION: 02.08.2024		REVISION: 02.08.2024	
OFFICIAL: [Signature]		SIZE: A3	
CONTRIBUTION: [Signature]		SCALE: -	



LEGENDS	
PARTICULARS	SYMBOL
TBM	
EXISTING DRAIN	
PROPOSED DRAIN	
ERTHEN ROAD	
CONCRETE ROAD	
BITUMINOUS ROAD	
PROPOSED STP & SP PLOT	
WARD BOUNDARY	
WELL	
HAND PUMP	
TRANSFORMER	
TREE	
ELECTRIC POLE	
POND	
TEMPLE / CHURCH	
CULVERT	
RAILWAY TRACK	

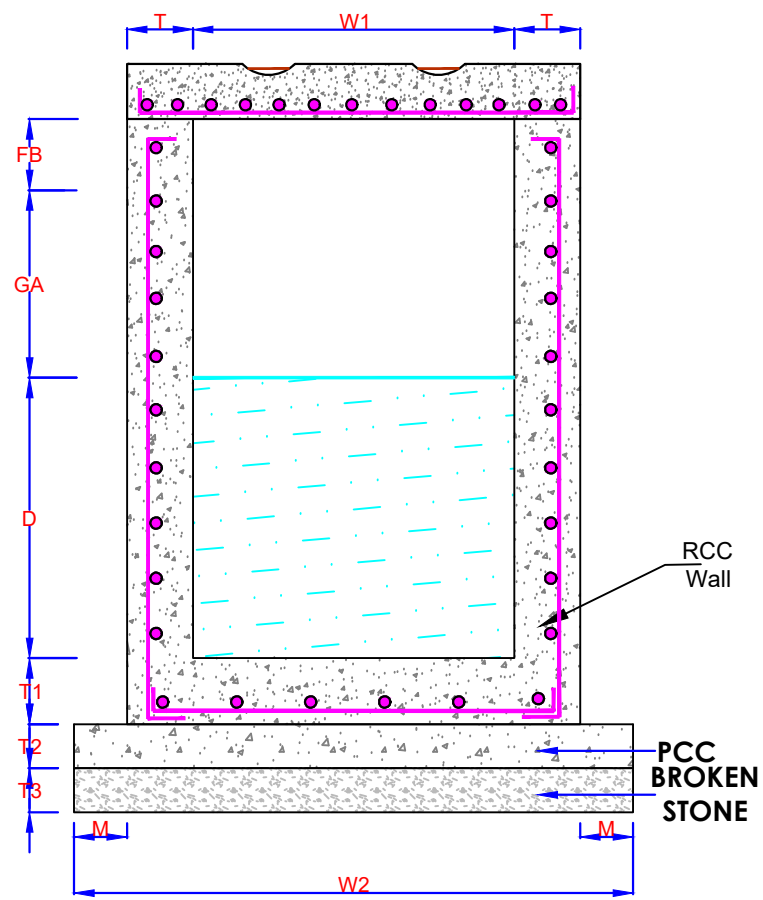
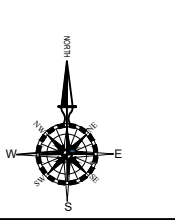
KEY PLAN  
WITH DETAILS OF BOUNDARY  
WARD



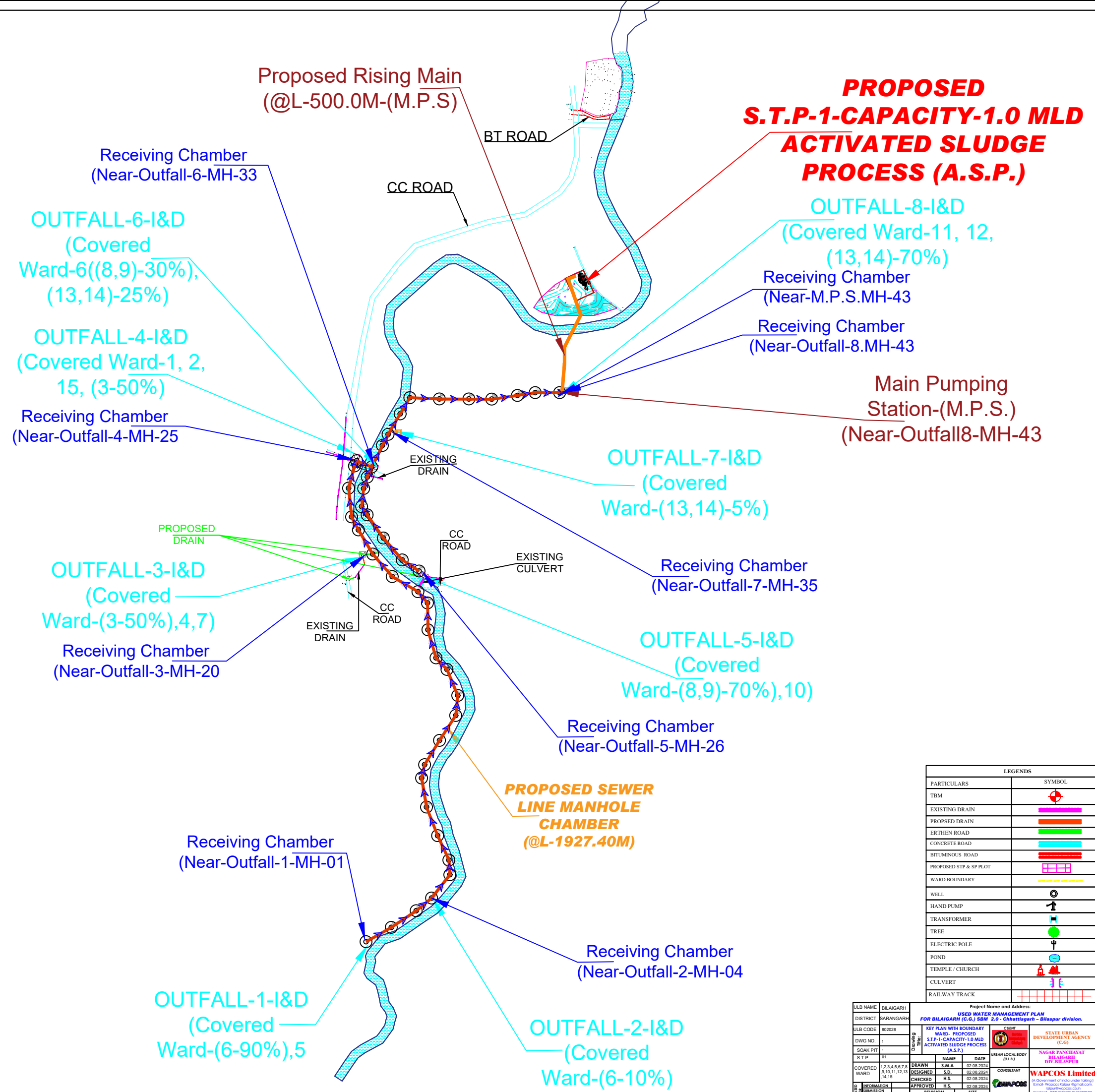
ULB NAME	BILAIGARH	Project Name and Address:	USED WATER MANAGEMENT PLAN FOR BILAIGARH (C.G.) SBM 2.0, Chhattisgarh - Bilaspur division.
DISTRICT	SARANGARH	CLIENT	STATE URBAN DEVELOPMENT AGENCY (C.G.)
ALB CODE	802028	WARD - PROPOSED	NAGAR PANCHAYAT BILAIGARH DITY-BILASPUR
DIWG NO.	1	DESIGNED	S.D.
SOAK PIT	-	CHECKED	H.S.
S.T.P.	01	APPROVED	H.S.
COVERED WARD	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	REVISION	
INFORMATION		SIZE	A3
SUBMISSION		SCALE	:-
OFFICIAL			
CONTRIBUTION			



# KEY PLAN



**Typical Receiving Chamber  
From Drains**  
(Scale-N.T.S.)



**PROPOSED  
S.T.P-1-CAPACITY-1.0 MLD  
ACTIVATED SLUDGE  
PROCESS (A.S.P.)**

**OUTFALL-8-I&D  
(Covered Ward-11, 12,  
(13,14)-70%)**

**Receiving Chamber  
(Near-M.P.S.MH-43  
Receiving Chamber  
(Near-Outlet-8.MH-43**

**Main Pumping  
Station-(M.P.S.)  
(Near-Outlet8-MH-43**

**OUTFALL-7-I&D  
(Covered  
Ward-(13,14)-5%)**

**Receiving Chamber  
(Near-Outlet-7-MH-35**

**OUTFALL-5-I&D  
(Covered  
Ward-(8,9)-70%),10)**

**Receiving Chamber  
(Near-Outlet-5-MH-26**

**OUTFALL-3-I&D  
(Covered  
Ward-(3-50%),4,7)**

**Receiving Chamber  
(Near-Outlet-3-MH-20**

**OUTFALL-6-I&D  
(Covered  
Ward-6((8,9)-30%),  
(13,14)-25%)**

**OUTFALL-4-I&D  
(Covered Ward-1, 2,  
15, (3-50%)**

**Receiving Chamber  
(Near-Outlet-4-MH-25**

**Receiving Chamber  
(Near-Outlet-1-MH-01**

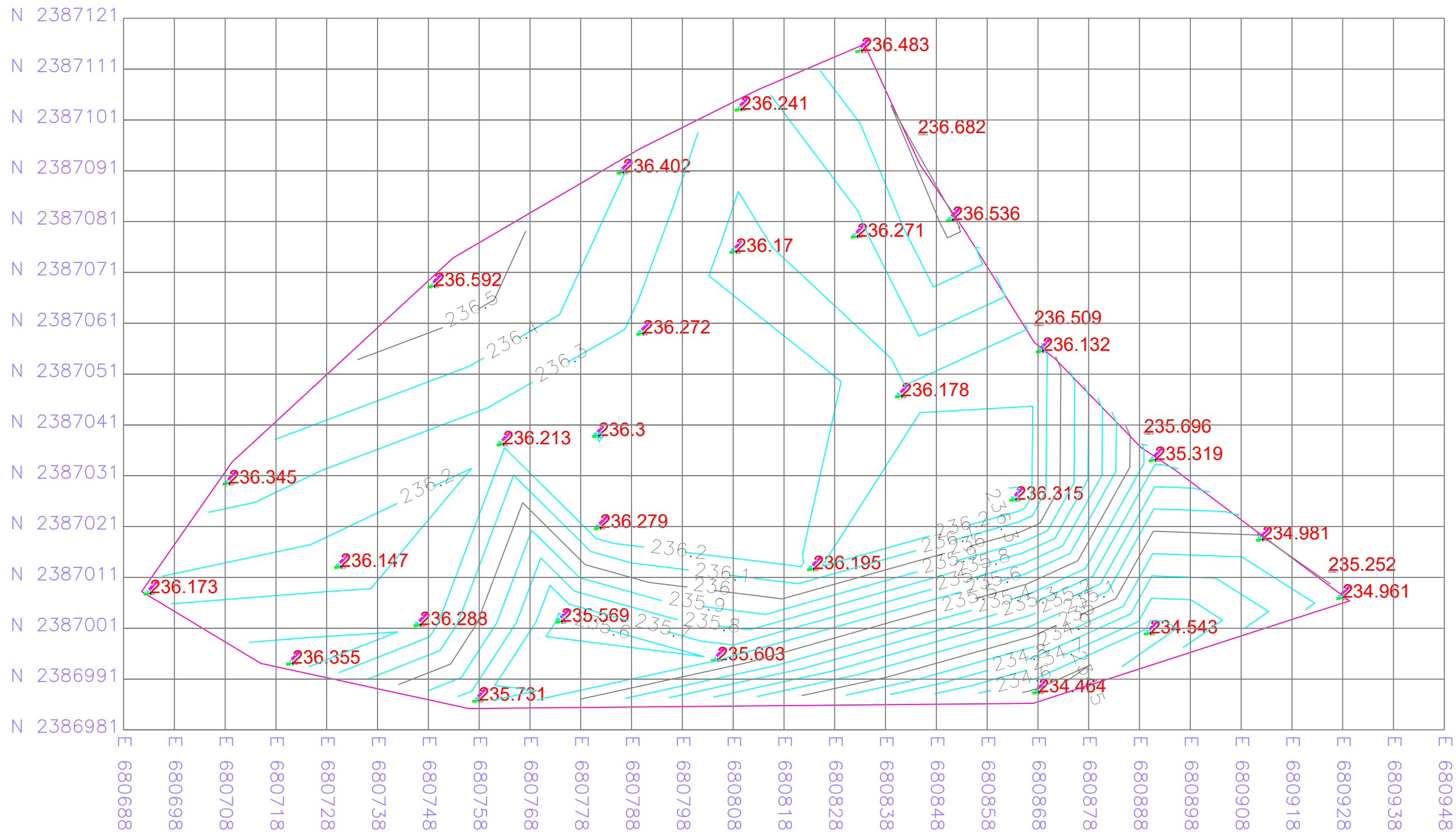
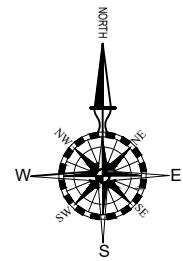
**OUTFALL-1-I&D  
(Covered  
Ward-(6-90%),5**

**OUTFALL-2-I&D  
(Covered  
Ward-(6-10%)**


LEGENDS	
PARTICULARS	SYMBOL
TBM	
EXISTING DRAIN	
PROPOSED DRAIN	
ERTHEN ROAD	
CONCRETE ROAD	
BITUMINOUS ROAD	
PROPOSED STP & SP PLOT	
WARD BOUNDARY	
WELL	
HAND PUMP	
TRANSFORMER	
TREE	
ELECTRIC POLE	
POND	
TEMPLE / CHURCH	
CULVERT	
RAILWAY TRACK	

Project Name and Address:	
FOR BILAGARH (C.G.) S.W. 2.P. Chhatigarh - Bilaspur division.	
CLIENT	
STATE URBAN DEVELOPMENT AGENCY (C.G.)	
NAGAR PANCHAYAT BILAGARH DIST. -BILASPUR	
URBAN LOCAL BODY (U.L.B.)	
WAPCOS Limited	
Project Name and Address:	
FOR BILAGARH (C.G.) S.W. 2.P. Chhatigarh - Bilaspur division.	
CLIENT	
STATE URBAN DEVELOPMENT AGENCY (C.G.)	
NAGAR PANCHAYAT BILAGARH DIST. -BILASPUR	
URBAN LOCAL BODY (U.L.B.)	
WAPCOS Limited	
Project Name and Address:	
FOR BILAGARH (C.G.) S.W. 2.P. Chhatigarh - Bilaspur division.	
CLIENT	
STATE URBAN DEVELOPMENT AGENCY (C.G.)	
NAGAR PANCHAYAT BILAGARH DIST. -BILASPUR	
URBAN LOCAL BODY (U.L.B.)	
WAPCOS Limited	





**TOPOGRAPHICAL SURVEY CONTOUR PLAN OF PROPOSED S.T.P.-1**  
**ACTIVATED SLUDGE PROCESS (A.S.P.)**  
**CAPACITY-1.00 M.L.D.**  
**(WARD-1,2,3,4,5,6,7,8,9,10,11,12,13,14, & 15)**  
**BILAIGARH**

ULB NAME		BILAIGARH		Project Name and Address: <b>USED WATER MANAGEMENT PLAN FOR BILAIGARH (C.G.) SBM 2.0 - Chhattisgarh - Bilaspur division.</b>				
DISTRICT		SARANGARH						
ULB CODE		802028						
DWG NO.		1			STATE URBAN DEVELOPMENT AGENCY (C.G.)			
SOAK PIT		-						
S.T.P.		01		URBAN LOCAL BODY (U.L.B.)		NAGAR PANCHAYAT BILAIGARH DI-2-BILASIPUR		
COVERED WARD	1,2,3,4,5,6,7,8 9,10,11,12,13 14,15		DRAWN		S.M.A		02.08.2024	
			DESIGNED		S.D.		02.08.2024	
			CHECKED		H.S.		02.08.2024	
			APPROVED		H.S.		02.08.2024	
RELEASED FOR	INFORMATION		REVISION		SIZE		SCALE :-	
	SUBMISSION				A3			
	APPROVAL							
	CONSTRUCTION							

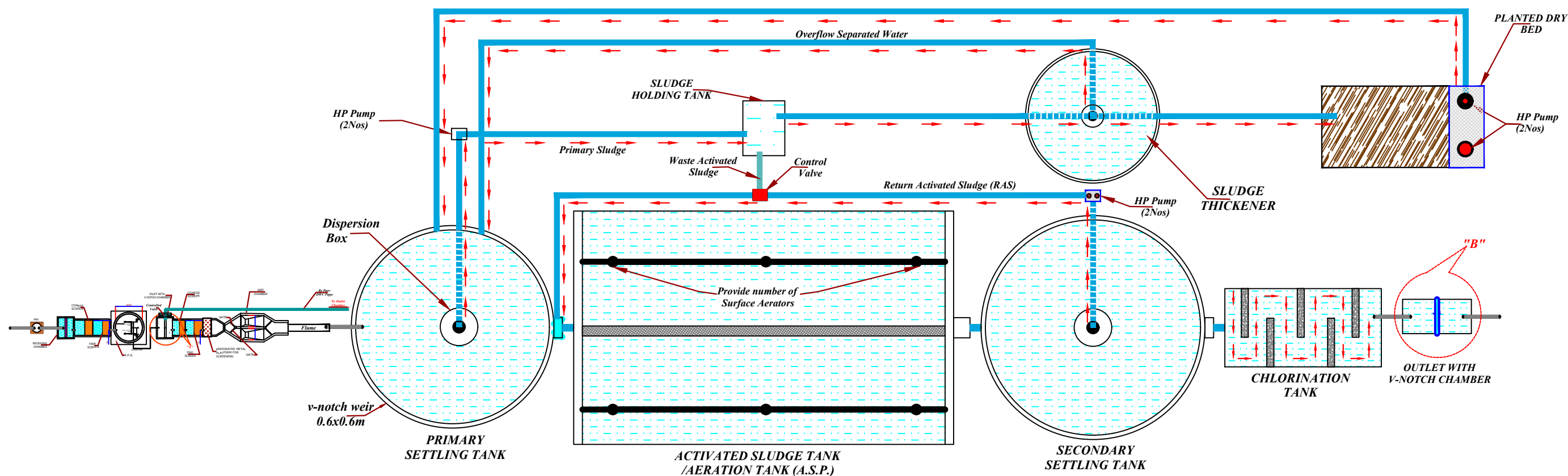




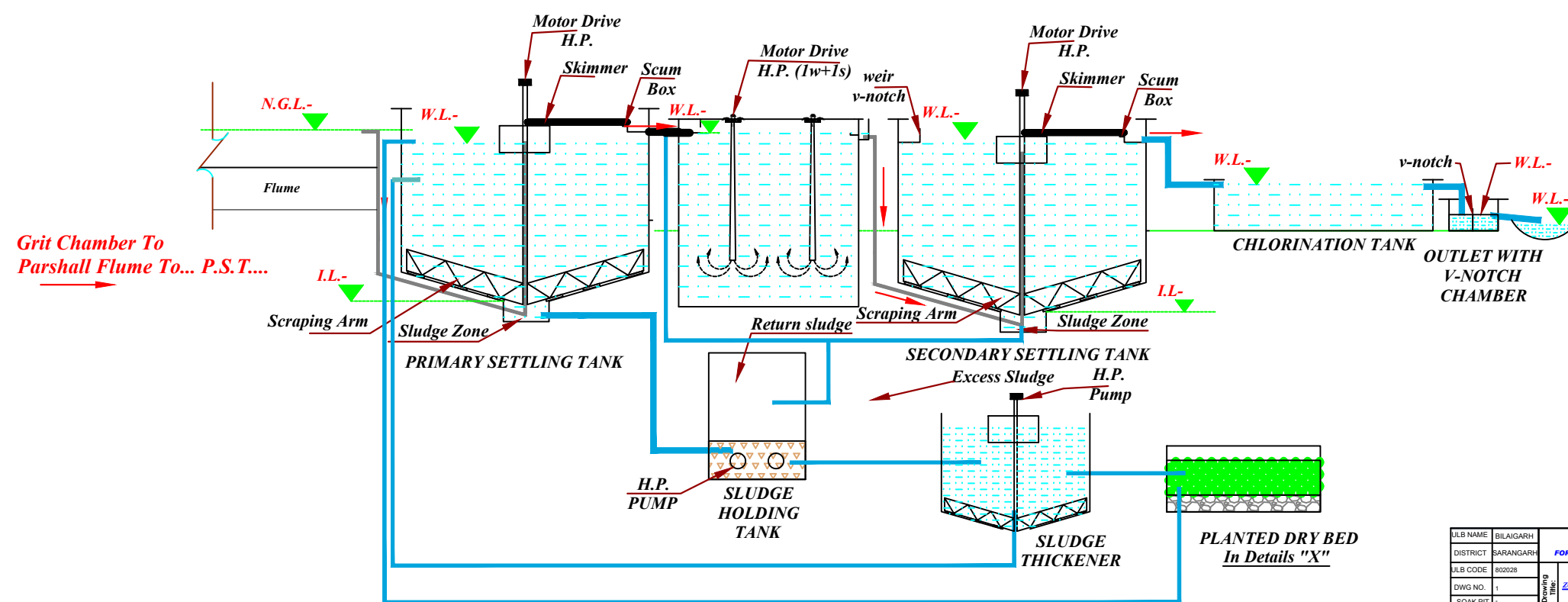








**PLAN**

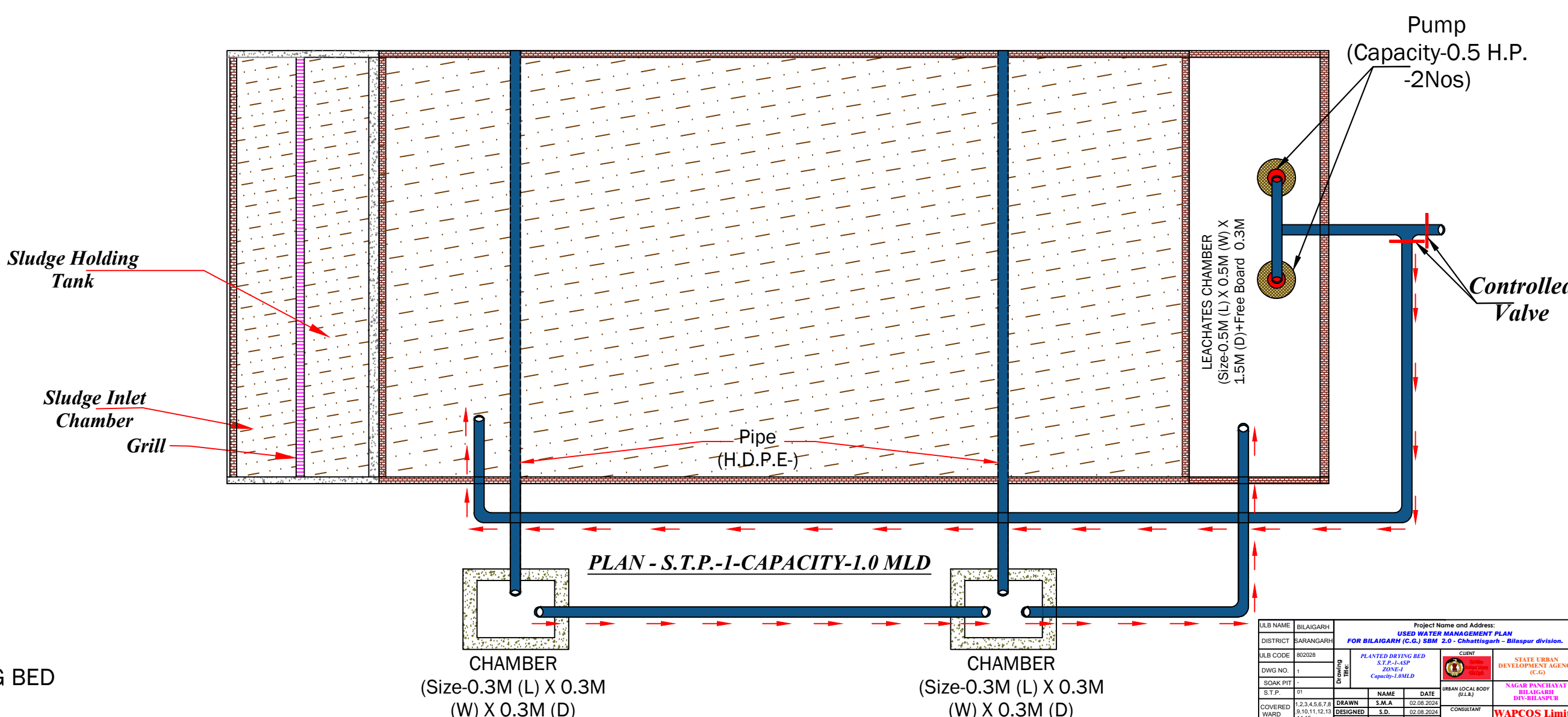
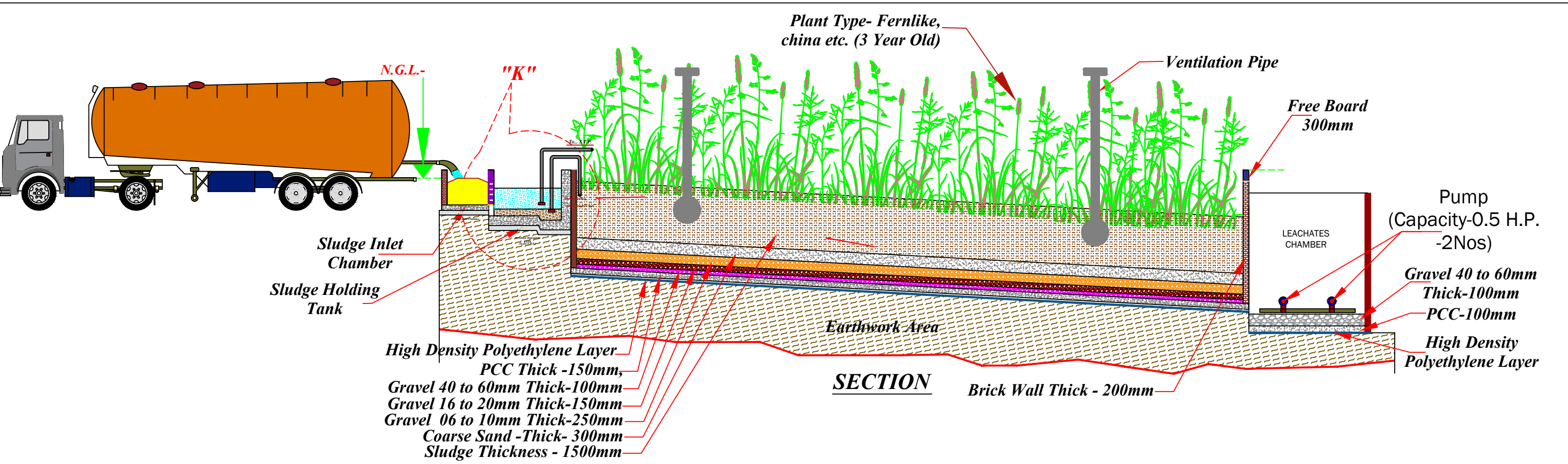


**SECTION**

**PLAN OF - S.T.P.-1  
ZONE-I-CAPACITY-1.0MLD  
ACTIVATED SLUDGE PROCESS (A.S.P.)**

JLB NAME: BILAIGARH		Project Name and Address:	
DISTRICT: SARANGARH		USED WATER MANAGEMENT PLAN	
JLB CODE: 802028		FOR BILAIGARH (G.O.) SEM 2.0 - Chhattisgarh - Bilaspur division.	
DWG NO. 1	Drawn by	PLAN & SECTION OF	CLIENT
SOAK PIT -		S.T.P.-1	STATE URBAN DEVELOPMENT AGENCY (G.O.)
S.T.P. 01		ZONE-I-CAPACITY-1.0MLD	NAGAR PANCHAYAT BILAIGARH
COVERED WARD 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15		ACTIVATED SLUDGE PROCESS (A.S.P.)	DRY-BILASPUR
INFORMATION	DRAWN: S.M.A.	DATE: 02.08.2024	CONSULTANT
	DESIGNED: S.D.	02.08.2024	
	CHECKED: H.S.	02.08.2024	
	APPROVED: H.S.	02.08.2024	
SUBMISSION	REVISION	SIZE	WAPCOS Limited
CONSTRUCTION		A3	
		SCALE :-	

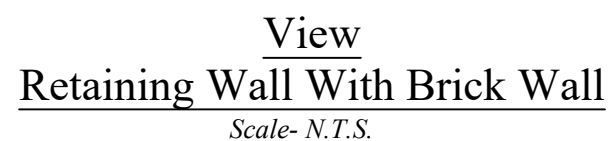
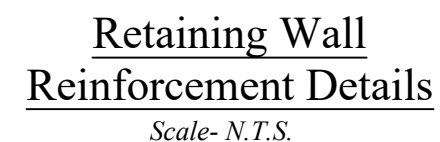
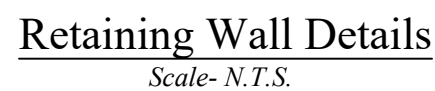






DETAILS-"F"  
PLANTED DRYING BED

JULB NAME: BILAGARH		Project Name and Address:	
DISTRICT: SARANGARH		USED WATER MANAGEMENT PLAN	
JULB CODE: 802028		FOR BILAGARH (C.G.) SBM 2.0 - Chhattisgarh - Bilaspur division.	
DWG NO. 1	SOAK PIT	PLANTED DRYING BED	CLIENT
S.T.P. 01	COVERED WARD	DESIGNED	STATE URBAN DEVELOPMENT AGENCY (C.G.)
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	WARD	CHECKED	NAGAR PANCHAYAT BILAGARH DIV-BILASPUR
INFORMATION		APPROVED	CONSULTANT
SUBMISSION		REVISION	WAPCOS Limited
APPROVAL		SIZE	(A Government of India under taking )
CONSTRUCTION		SCALE :-	Contact : 9971248355,0124439942



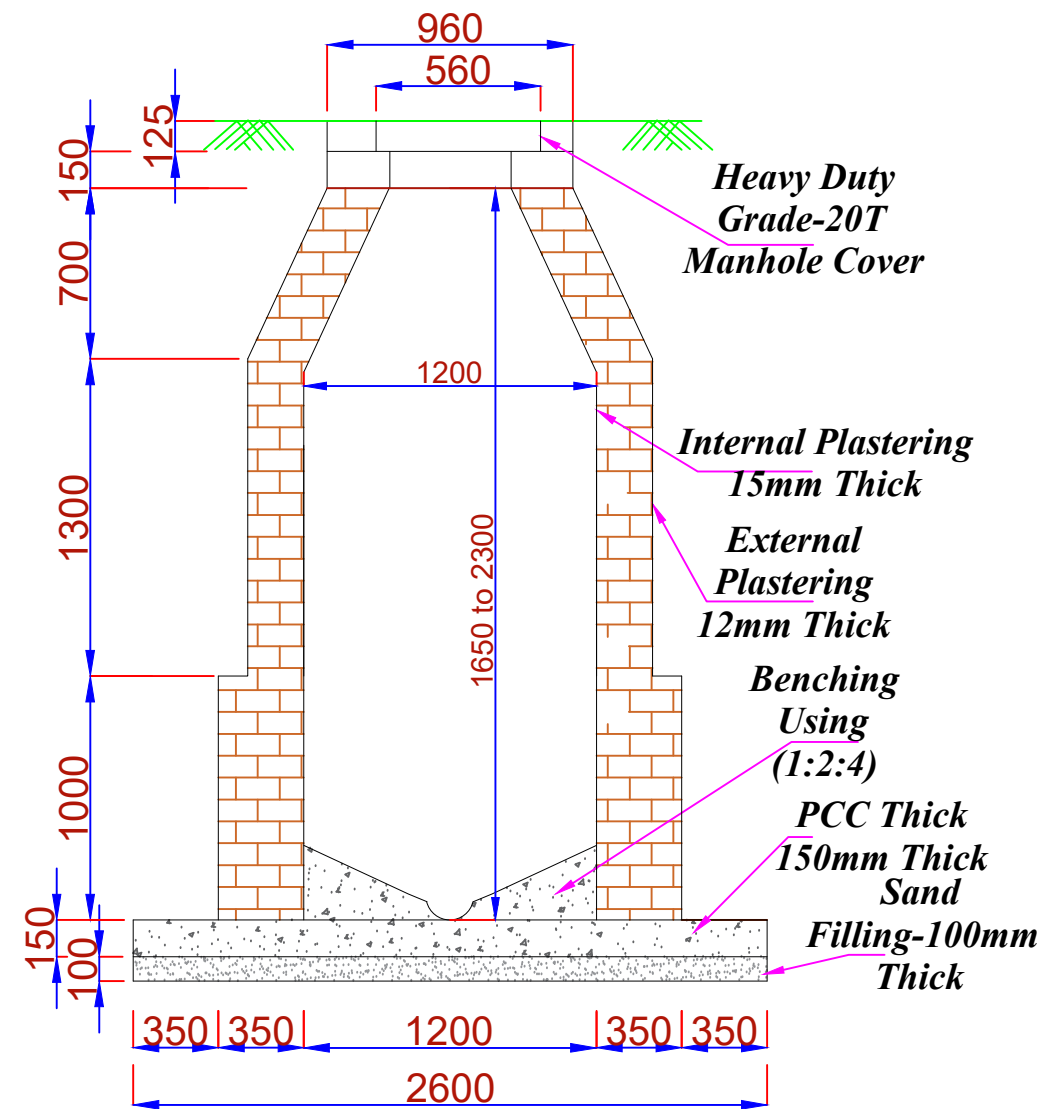


SN	DISCRIPTION	L	W	D	NOS	UNIT
1.	BRICK WALL	200.00	0.20	1.20	-	M
2.	RCC RET. WALL	200.00	0.30	4.150	-	M
3.	RCC COLUMN	0.20	0.20	1.20	81	NOS

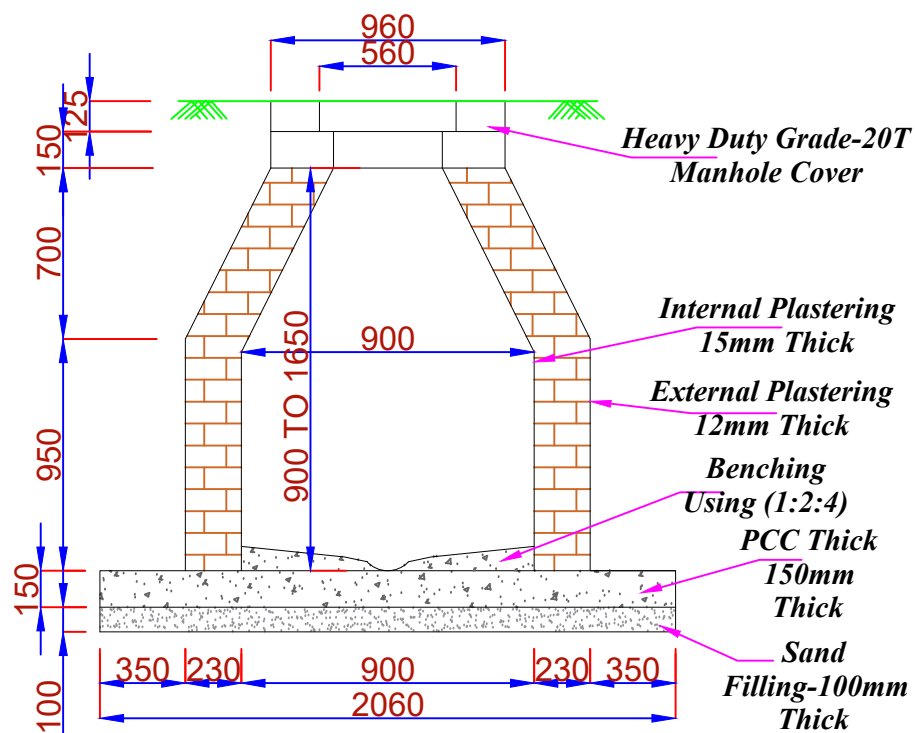
ULB NAME	BILGAIRAH	Project Name and Address:			
DISTRICT	SARANAGARH	<b>USED WATER MANAGEMENT PLAN</b> <b>FOR BILGAIRAH (C.G.) S.D.M - 2 Chhattisgarh – Bilaspur division.</b>			
ULB CODE	802028	DETAILS OF SEWER LINE MANHOLE			<b>STATE URBAN DEVELOPMENT AGENCY (C.G.)</b>
DWG NO.	1	S.T.P.-CAPACITY/1.0 MLD ACTIVATED SLUDGE PROCESS (A.S.P.)			
SOAK PIT	-	Drawing Title:			
S.T.P.	01				<b>NAGAR PANCHAYAT BILGAIRAH DIV-BILASPUR</b>
COVERED WARD	1,2,3,4,5,6,7,8 9,10,11,12,13 14,15	<b>DRAWN</b>	<b>S.M.A</b>	<b>DATE</b>	
		<b>DESIGNED</b>	<b>S.D.</b>	<b>DATE</b>	<b>02.08.2024</b>
		<b>CHECKED</b>	<b>H.S.</b>	<b>DATE</b>	<b>02.08.2024</b>
		<b>APPROVED</b>	<b>H.S.</b>	<b>DATE</b>	<b>02.08.2024</b>
		<b>REVISION</b>		<b>A3</b>	
RELEASED		<b>APPROVAL</b>		<b>SIGNATURE</b>	
		<b>INFORMATION SUBMISSION</b>		<b>DATE</b>	
		<b>APPROVAL</b>		<b>SIGNATURE</b>	
		<b>INFORMATION SUBMISSION</b>		<b>DATE</b>	



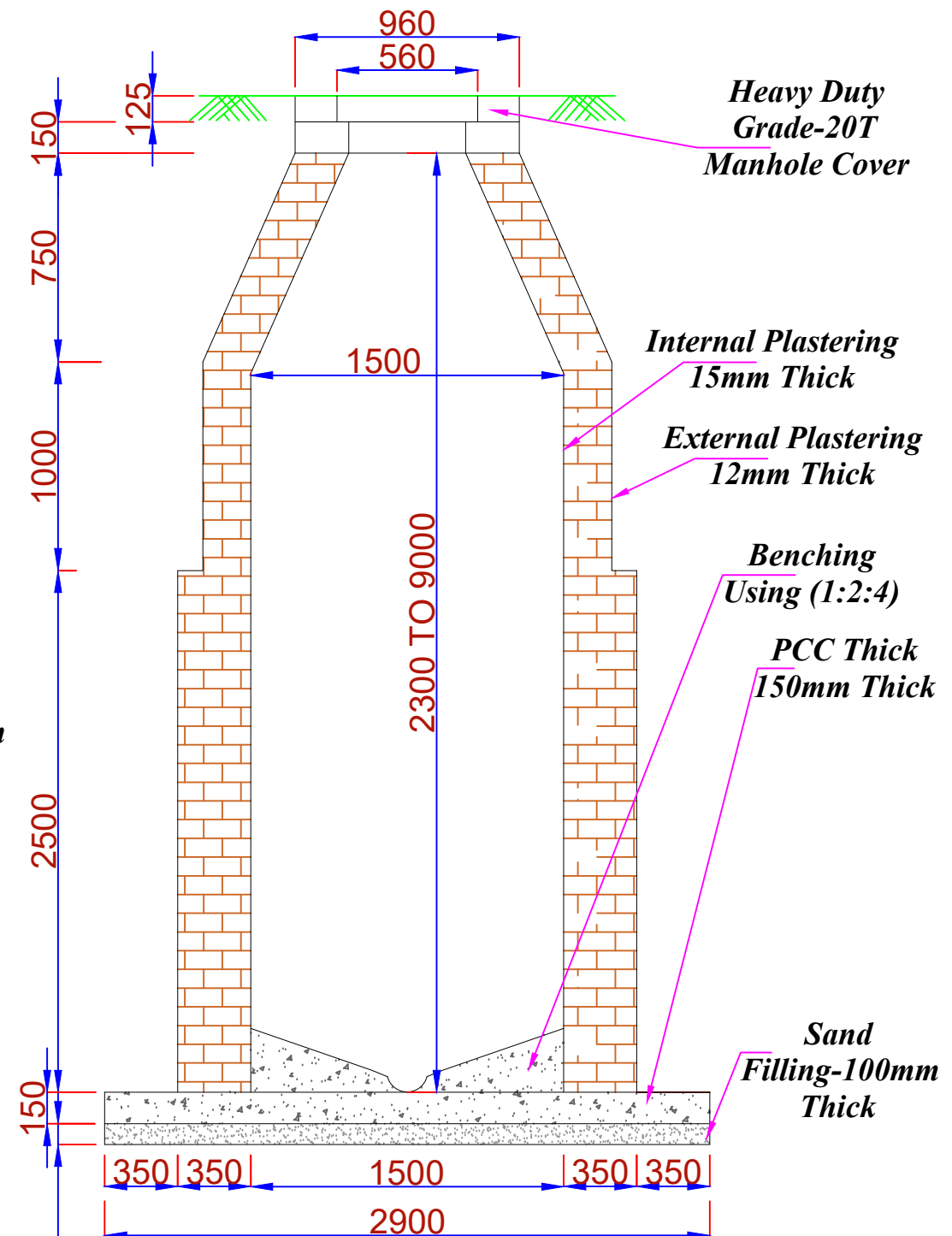
- \*. As Per PHED - USOR -2020 ( Page No-199)
- \* For depths 0.9m and up to 1.65m, 900mm diameter. •
  - \* For depths above 1.65m and up to 2.30m, 1200mm diameter.
  - For depths above 2.30m and up to 9.0m, 1500mm diameter.
  - For depths above 9.0m and up to 14.0m, 1800mm diameter.



**SECTION OF MANHOLE**  
**(1.20m Dia 1.650 to 2.300m Depth)**



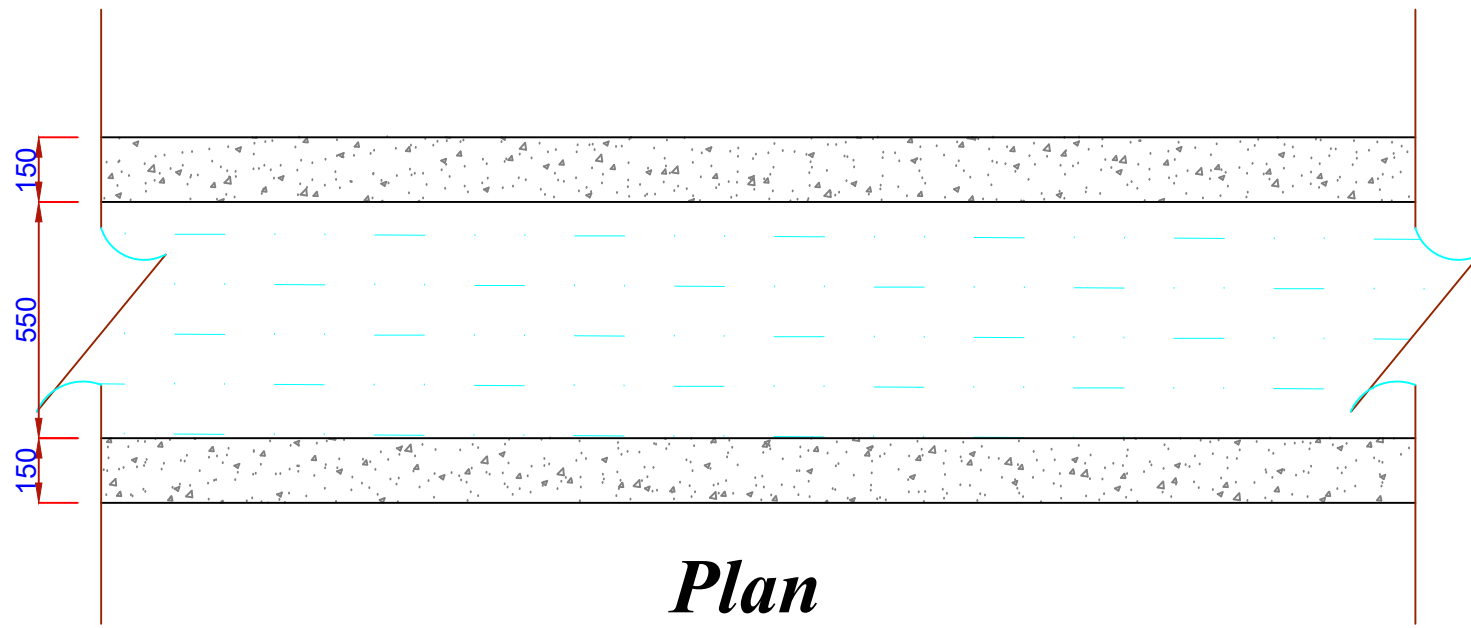
**SECTION OF MANHOLE**  
**0.900m Dia & 0.900m to 1.650m Depth)**



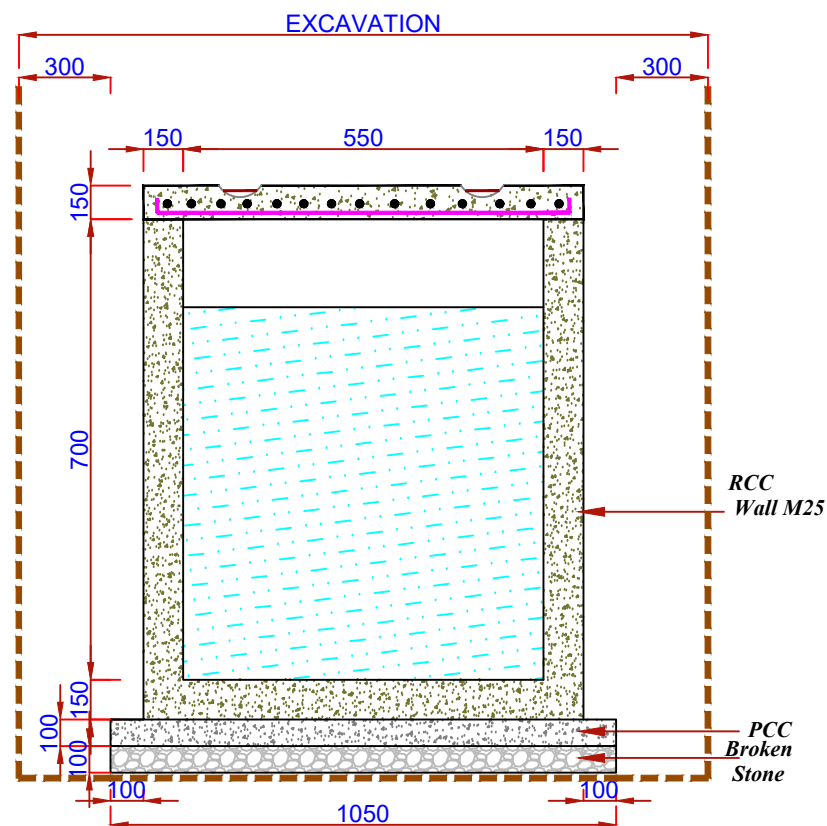
**SECTION OF MANHOLE**  
**(1.50m Dia & 2.300 to 9.000m Depth)**

JLB NAME: BILAGARH		Project Name and Address:	
DISTRICT: SARANGARH		USED WATER MANAGEMENT PLAN	
JLB CODE: 802028		FOR BILAGARH (C.S.) S.B.M. 2.0 - Chhattisgarh - Bilaspur division.	
DWG NO: 1		Details of Sewer Line Manhole Chamber S.T.P.-1	
SOAK PIT: 01		CLIENT: STATE URBAN DEVELOPMENT AGENCY (S.U.D.A.)	
S.T.P.:		URBAN LOCAL BODY (U.L.B.): NAGAR PANCHAYAT BILAGARH DIV-BILASPUR	
COVERED WARD: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15		CONSISTANT: WAPCOS Limited	
DRAWN: S.M.A.		DATE: 02.08.2024	
DESIGNED: S.D.		DATE: 02.08.2024	
CHECKED: H.S.		DATE: 02.08.2024	
APPROVED: H.S.		DATE: 02.08.2024	
REVISION: 1		DATE: 02.08.2024	
CONSTRUCTION: 1		DATE: 02.08.2024	
SCALE: 1:100		SCALE: 1:100	

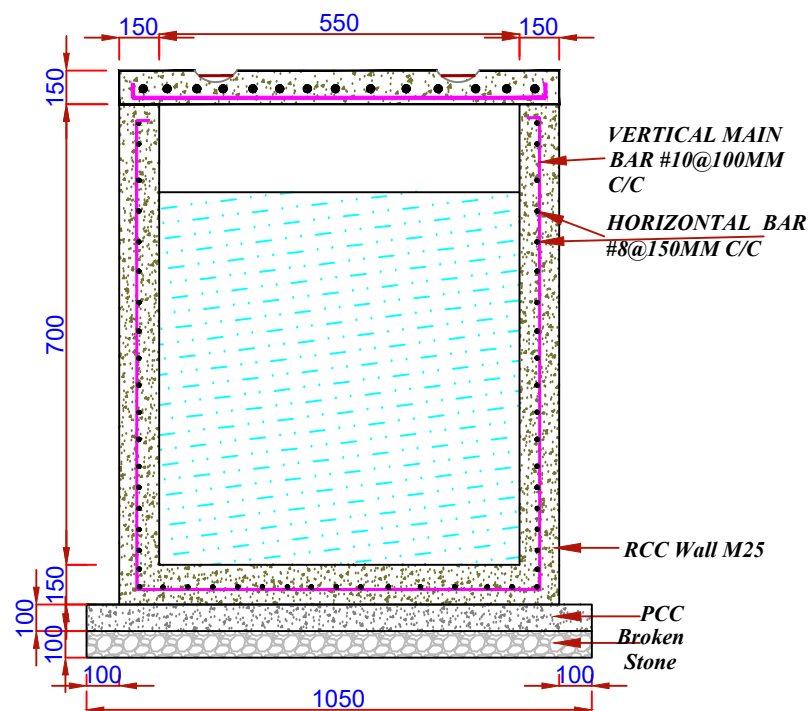
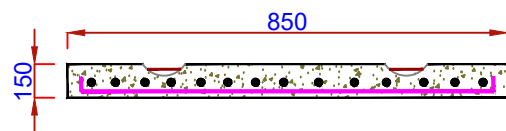




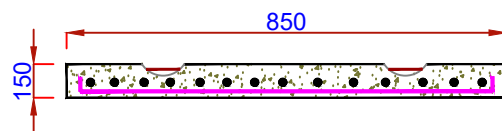
**Plan**



**Section**  
**Proposed RCC Drain Type-I -**  
**Zone-I**



**Reinforcement Details**  
**Proposed RCC Drain Type-I -**  
**Zone-I**



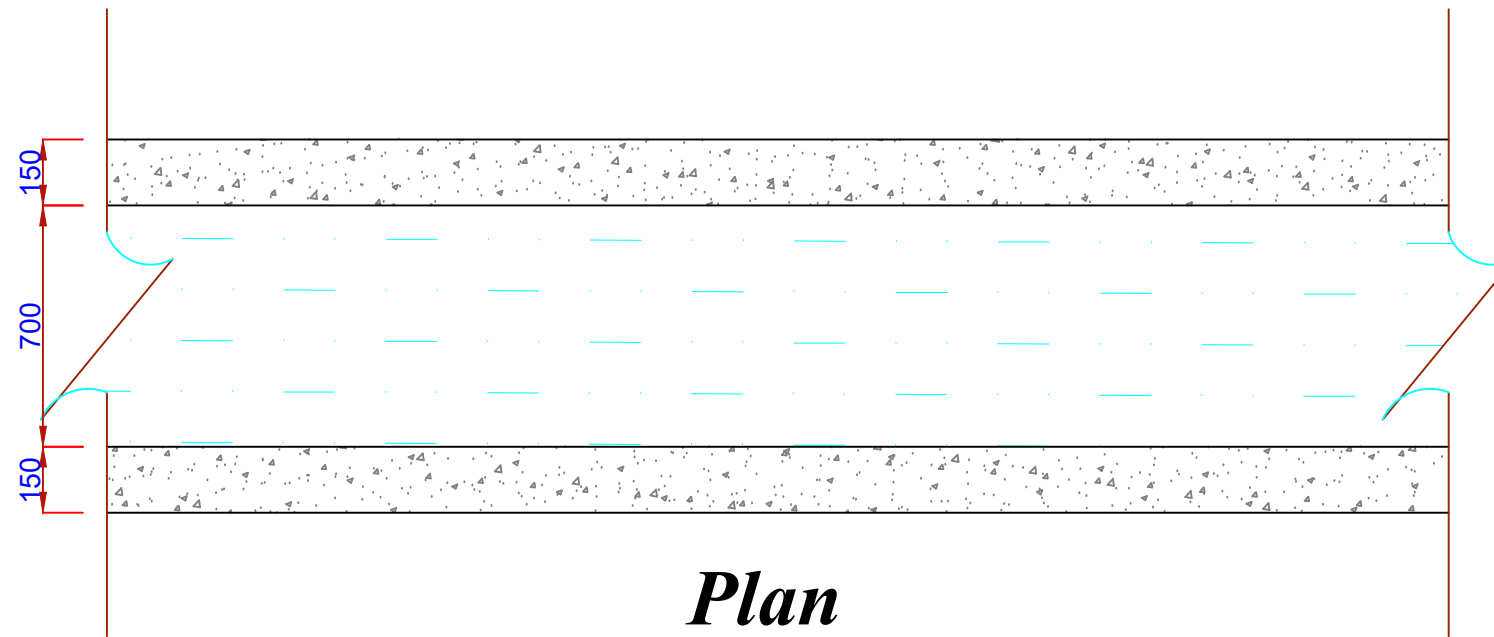
**DETAILS OF PROPOSED DRAIN**  
**S.T.P.-1 - ZONE-I Capacity-1.0 MLD**

**DETAILS OF DRAINS**

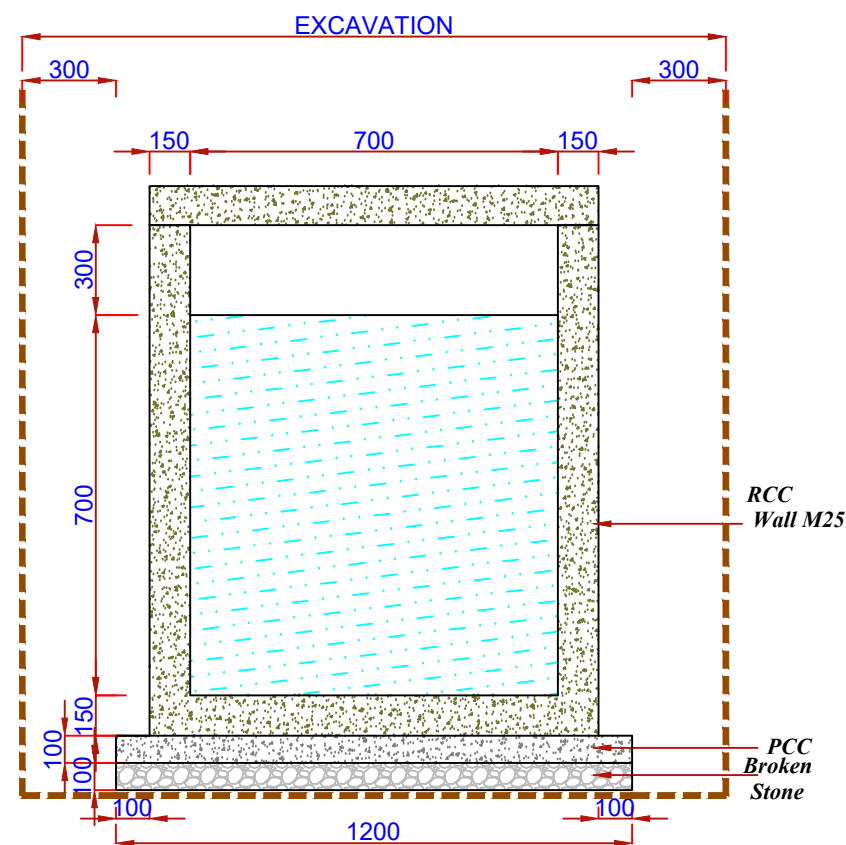
SN	TYPES	STP	CAPACITY	SIZE( IN METER)		
				L	W	D
1.	TYPE-I	1	1.0 MLD	15.00	0.50	0.50
2.	TYPE-II	1	1.0 MLD	55.00	0.70	0.70
3.	TYPE-III	1	1.0 MLD	18.00	0.80	0.80

ULB NAME		BILAIGARH		Project Name and Address:							
DISTRICT		SARANGARH		USED WATER MANAGEMENT PLAN FOR BILAIGARH (C.G.) SBM 2.0 - Chhattisgarh - Bilaspur division.							
ULB CODE		802028		Drawing Time		Proposed Drain		CLIENT		STATE URBAN DEVELOPMENT AGENCY (C&G)	
DWG NO.		1				URBAN LOCAL BODY (BILAS)		NAGAR PANCHAYAT BILAIGARH BILASAPUR			
SOAK PIT											
S.T.P.											
COVERED WARD		1,2,3,4,5,6,7,8 9,10,11,12,13 14,15		DRAWN		S.M.A.		02.08.2024			
				DESIGNED		S.D.		02.08.2024			
				CHECKED		H.S.		02.08.2024			
				APPROVED		H.S.		02.08.2024			
				REVISION							
				A3		SCALE :-					
REVISION											
INFORMATION											
PERMISSION											
APPROVAL											
CONSTRUCTION											
		</									

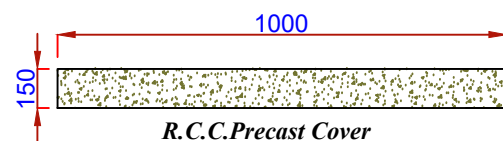




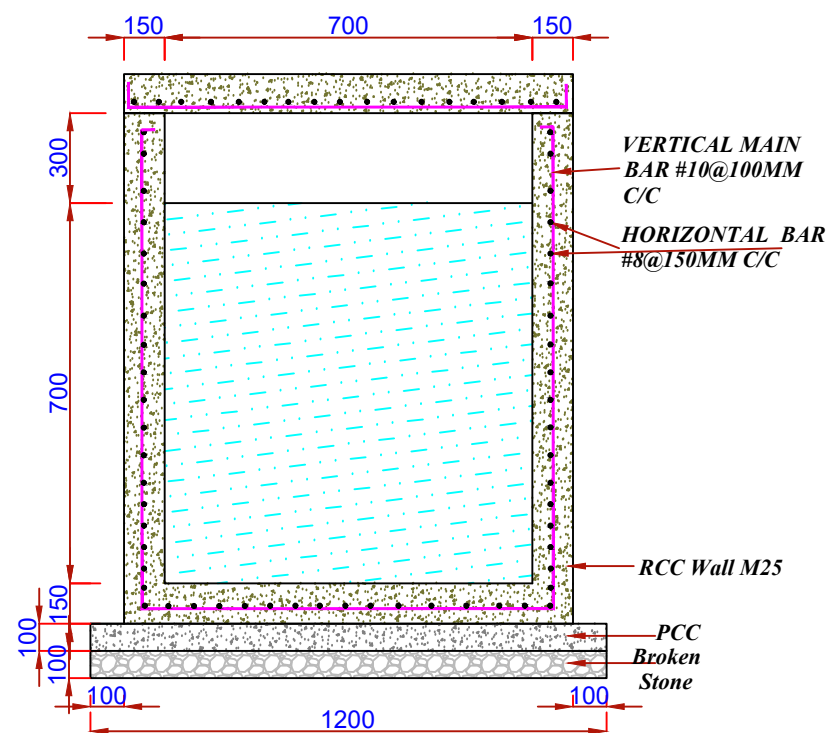
*Plan*



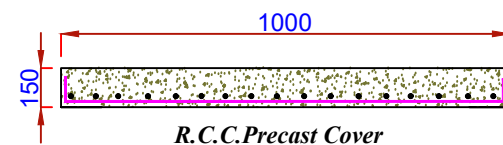
*Section*  
*Proposed RCC Drain Type-I -*  
*Zone-I*



*R.C.C.Precast Cover*



*Reinforcement Details*  
*Proposed RCC Drain Type-I -*  
*Zone-I*



*R.C.C.Precast Cover*

**PROPOSED DRAIN FOR INTERCEPTION**  
**DIVERSION - (I & D)**  
**S.T.P.-1 - ZONE-I Capacity-1.0 MLD**

DETAILS OF DRAINS					
STP	CAPACITY	LOCATION	SIZE		
			L	W	D
1	1.0 MLD	Outfall - 1 - MH-01	200	0.70	0.70
		Outfall - 2 - MH-04	200	0.70	0.70
		Outfall - 3 - MH-20	200	0.70	0.70
		Outfall - 4 - MH-25	200	0.70	0.70
		Outfall - 5 - MH-26	200	0.70	0.70
		Outfall - 6 - MH-33	200	0.70	0.70
		Outfall - 7 - MH-35	200	0.70	0.70
		Outfall - 8 - MH-43	200	0.70	0.70

JLB NAME: BILGAIRH		Project Name and Address:			
DISTRICT: SARANGARH		USED WATER MANAGEMENT PLAN			
JLB CODE: 802028		FOR BILGAIRH (C.G.) SBM 2.0 - Chhattisgarh - Bilaspur division.			
DWG NO.: 1		1 & D - Drain		CLIENT	
SOAK PIT:				STATE URBAN DEVELOPMENT AGENCY (C.G.)	
S.T.P.: 01				NAGAR PANCHAYAT BILGAIRH DIV-BILASPUR	
COVERED WARD: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				URBAN LOCAL BODY (U.L.B.)	
				CONSULTANT	
				WAPCOS Limited	
				(A Government of India under taking)	
				Email: wapcos@wapcos.com	
				wapcos@wapcos.com	
				Contact: 0711-2403025, 0711-2403042	
				SCALE: 1:100	