

shahabad



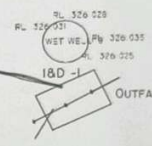
EXISTING S.P. LAND



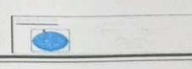
NET AREA 2.0

Asst. Engineer
CME Shahabad

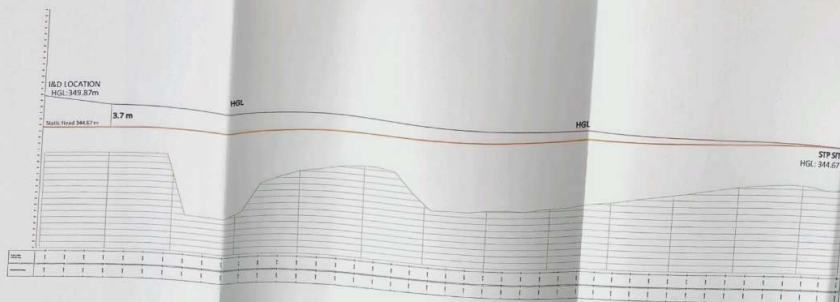
AEE
CME Shahabad



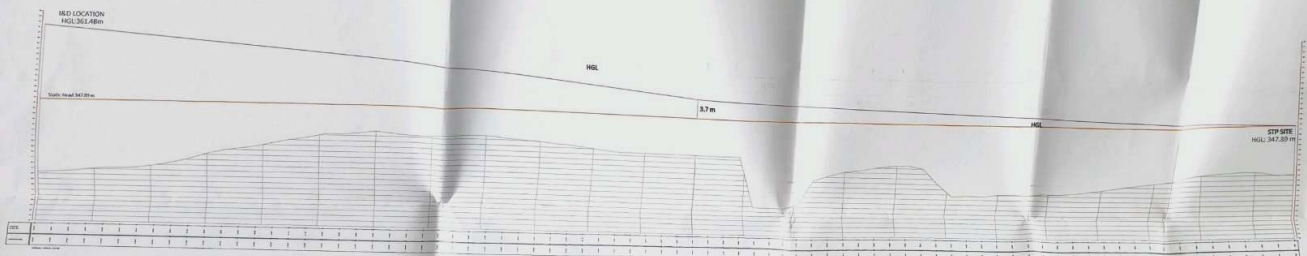
Outfall
BOTTOM OF THE NAI & R/L 325.320
TOP OF THE NALA R/L 326.021
DRAIN WIDTH 12.14M



Proposed I & D 1 To STP



Proposed I & D 2 To STP



Executive Engineer
OUDC, Kalaburgi

GREEN DESIGN & ENGINEERING SERVICES PVT.LTD

GOVERNMENT OF KARNATAKA URBAN
DEVELOPMENT DEPARTMENT

SHEET SIZE : A3

PROJECT TITLE :
SSM 2.0 INTERCEPTION & DIVERSION
WORKS

SR.	CHK.	APP.	DATE	REV.
1			27-11-2023	R1

DRAWING TITLE :
LONGITUDINAL SECTION OF
ALIGNMENT AT SHALAGAD
(KALABURGI DISTRICT)

SR.	CHK.	APP.	DATE	REV.
1			27-11-2023	R1

148000 / JMA / 09M / 082 / 012 /
SMA / KAL / 15 / 062

REFERENCE DRAWINGS			
SR. NO.	DATE / DOC. NO.	REV. NO.	TITLE

Asst. Engineer
CME Shrinubabu

Asst. Engineer
CME Shrinubabu



NOTES:

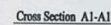
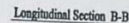
- ALL DIMENSIONS ARE IN MM. LEVELS ARE IN M
ALL CONCRETE MIX FOR R.C. SHALL BE M 30 UP TO PLINTH LVL AND P.C.C M15
INDICATES FE 550 GRADE H.S.D./T.M.T BARS CONFORMING TO IS-1786-2008
MINIMUM CLEAR COVER SHALL BE AS FOLLOWS:
FOUNDATION RAFT 50mm COLUMN 40mm R.C WALL 45mm BEAM 25mm AND
SLAB 20mm
ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED
TIE CHAIRS SHALL BE PROVIDED TO KEEP STEEL IN PROPER POSITION.
IF ANY DIMENSIONS AND LEVELS SHALL BE VERIFIED BY G.A.D. ENGINEER. IF ANY
AMBIGUITY FOUND IT SHALL BE BROUGHT TO THE NOTICE BEFORE EXECUTION
DEVELOPMENT LAP LENGTH SHALL BE NOT LESS THAN 50 TIMES THE DIAMETER.
CONCRETE CONSTRUCTION SHALL BE CARRIED OUT FOR A MINIMUM PERIOD
OF 14 DAYS FROM CASTING.

10. SOIL BEARING CAPACITY IS CONSIDERED AS 120 kN/m^2 AT THE FOUNDATION LEVEL AS PER SOIL STRATA
11. IS 3764-1992 SHALL BE FOLLOWED AS A SAFETY CODE FOR EXCAVATION WORK.
12. IF THE WATER TABLE IS ENCOUNTERED AT THE FOUNDATION LEVEL A SUITABLE DEWATERING TECHNIQUE SHOULD BE USED FOR CONSTRUCTION.

✓
AEE

cmc shahabad

cmc shohabud



I&D Module Sizing

Executive Engineer
DUDC, Kalaburagi

PLAN (Top view)

Cross Section A-A

Longitudinal Section B-B

Cross Section A1-A1

S.N	L1	L2	L3	L4	L5
1	326.021 (m)	324.521 (m)	326.721 (m)	324.025 (m)	326.125 (m)

I&D Module Sizing												
S.N	Modified Channel			Wing wall	Diversion Channel			Inlet Chamber			Gravity Pipe from I&D to V&I Well	
	Width (m/s)	Length (m/s)	Depth (m/s)	Length (m/s)	Width (m/s)	Length (m/s)	Depth (m/s)	Width (m/s)	Length (m/s)	Depth (m/s)	Length (m/s)	Diameter (mm)
1	A	B	C	D	E	F	G	H	I	J	K	L
	6.5	4.0	1.9	4.0	0.35	1.50	0.35	1.80	1.80	1.9	20	250

Executive Engineer
PUDC, Kalaburagi

- NOTES:**
1. ALL DIMENSIONS ARE IN MM. AND LEVELS ARE IN M
 2. ALL CONCRETE MIX FOR C.C. SHALL BE M 30 (UP TO PLUMB LINE) AND M 25 (BELOW PLUMB LINE)
 3. T INDICATES FE 550 GRADE X 50 X 50 TMT BARS CONFORMING TO IS:1786-2008
 4. NOMINAL CLEAR COAT TO REINFORCEMENT SHALL BE AS FOLLOWS
 5. FOUNDATION RAFT: 50mm Column: 40mm, RC WALL: 45mm
 6. SLAB: 20mm
 7. ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED
 8. STEEL CHAIRS SHALL BE PROVIDED TO KEEP TOP OF SLAB IN PROPER POSITION
 9. ALL DIMENSIONS AND LEVELS SHALL BE VERIFIED AS PER G.D. DRAWINGS. IF ANY AMBIGUITY FOUND IT SHALL BE BROUGHT TO THE NOTICE BEFORE EXECUTION
 10. ALL CRITICAL JOINTS SHALL BE NOT LESS THAN 8 TIMES THE DIAMETER OF REINFORCEMENT BARS
 11. CURING OF CONCRETE MEMBERS SHALL BE CARRIED OUT FOR A MINIMUM PERIOD OF 14 DAYS FROM CASTING.


10. SOIL BEARING CAPACITY IS CONSIDERED AS 120 kN/m²
AT THE FOUNDATION LEVEL AS PER SOIL STRATA
11. IS 3764-1992 SHALL BE FOLLOWED AS A SAFETY CODE FOR
EXCAVATION WORK.
12. IF THE WATER TABLE IS ENCOUNTERED AT THE FOUNDATION
LEVEL A SUITABLE DEWATERING TECHNIQUE SHOULD BE USED FOR
CONSTRUCTION.

LEVEL 1
CONSTR

AE

cme ghahaband

AEE
cmc shahabud

REFLECTOR DRAWINGS				CONSULTANT				
REL NO	DWG / SDC - NO.	REV NO.	TITLE	GREEN DESIGN & ENGINEERING SERVICES PVT.LTD				
				CLIENT				SHEET SIZE : A3
				GOVERNMENT OF KARNATAKA URBAN DEVELOPMENT DEPARTMENT				
				PROJECT TITLE				
				SM 2.0 INTERCEPTION & OVERFLOW WORKS				DRN. CHK. APP. DATE REV 
				DRAWING TITLE				DRAWING NUMBER
				INTERCEPTION & OVERFLOW-2 LAYOUT AT SHARABAGI (KALAHURGI DISTRICT)				DRN-104/2017/ SRA/CL/TPD-02/

frank

GDESPL-SHCC JV
* BENGALURU *

Assr. Engineer
cmc Sharnabad

ASST. Executive Engineer
CWC Shahabad
CL-339.04m

Executive Engineer
DUDC, Kalaburagi

Cross Section - A A

1. ALL CONCRETE WORKING SURFACES SHALL BE KEPT WET UP TO 70°F DURING CURE.
2. ALL REINFORCING STEEL SHALL BE DESIGNED AND PLACED ACCORDING TO THE REINFORCING STEEL DETAILING SPECIFICATIONS.
3. THE TOP 10% OF THE COVER TO REINFORCEMENT SHALL BE 2" MINIMUM FOR ALL FOLLOWING FOUNDATION PARTS: Stem, Column, Knee, PC.
4. ALL REINFORCING STEEL SHALL BE PROTECTED AGAINST CORROSION.
5. VIBRATED.
6. STEEL CHAIRS SHALL BE PROVIDED TO KEEP TOP STEEL IN POSITION.
7. ALL DIMENSIONS AND ANGLES SHALL BE VERIFIED AS PER THE GAID DRAWINGS. IF ANY UNCERTAINTY SHOULD BE PERCEIVED, THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECT.
8. THE MINIMUM JOINT LENGTH SHALL BE NOT LESS THAN 40 TIMES THE DIAMETER.
9. CONCRETE CASTING MEMBERS SHALL BE CARRIED OUT CONTINUOUSLY.
10. SLOW BEARING CAPACITY OF CONCRETE SHALL BE 120 N/mm² AT THE FOUNDATION LEVEL, AS PER SLL STRATA.
11. THE FOUNDATION SHALL BE FOLLOWED AS A SAFETY CODE FOR EXCAVATION WORK.
12. IF THE WATER LEVEL IS ENCOUNTERED IN THE FOUNDATION LEVEL, SHELTERING DRAINING TECHNIQUE SHOULD BE USED FOR

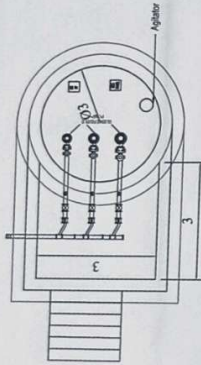
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CONSULTANT
GREEN DESIGN & ENGINEERING SERVICES PVT.LTD

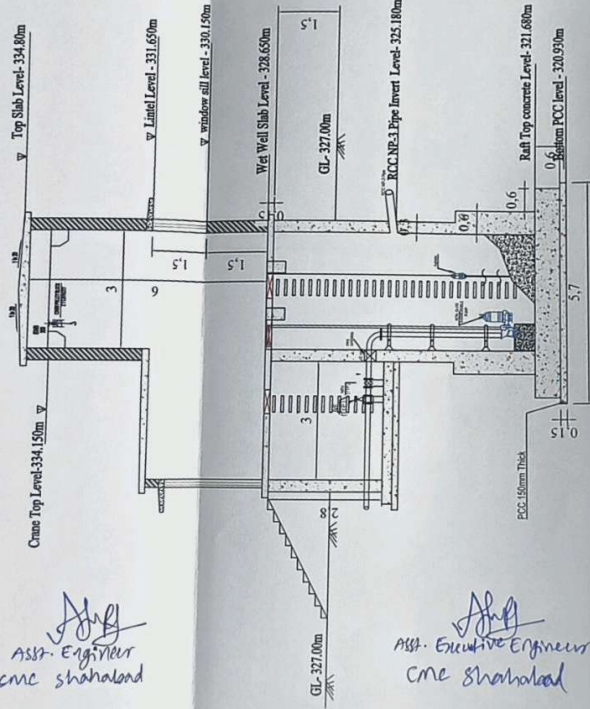
CLIENT :	GOVERNMENT OF KARNATAKA URBAN DEVELOPMENT DEPARTMENT	SHEET SIZE : A3
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PROJECT TITLE :	SEN 2.0 INTERCEPTION & DIVERSION WORKS	DRAWING NUMBER	SEN/SEN/202/7-1
DRAWING TITLE :	PLAN AND SECTION VIEW OF TEST WELL - 1 SEAWARD (KOLASURAGI DISTRICT)	SHEET NO. 7-1	DATE
		CHK. APP.	REV.

Plan and Section of Wet WELL -2



Wet Well Plan



Cross Section - A A

- NOTES:
1. ALL CONSTRUCTION WORKS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE GOVERNMENT OF KARNATAKA URBAN DEVELOPMENT DEPARTMENT.
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 12. ALL CONSTRUCTION WORKS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE GOVERNMENT OF KARNATAKA URBAN DEVELOPMENT DEPARTMENT.

NO.	REVISION	DATE	TITLE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

GREEN DESIGN & ENGINEERING SERVICES PVT.LTD

CLIENT : GOVERNMENT OF KARNATAKA URBAN DEVELOPMENT DEPARTMENT

PROJECT TITLE : WET WELL -2

SHEET NO. : 13

DATE : 13/08/2024

BY : [Signature]

CHECKED BY : [Signature]

APPROVED BY : [Signature]

SCALE : 1:100

WELL NO. : 2

WELL TYPE : WET

WELL LOCATION : [Location]

WELL DEPTH : [Depth]

WELL DIAMETER : [Diameter]

WELL WALL THICKNESS : [Thickness]

WELL INVERT LEVEL : [Invert Level]

WELL TOP SLAB LEVEL : [Slab Level]

WELL R/W TOP CONCRETE LEVEL : [R/W Top Level]

WELL FOUNDATION : [Foundation]

WELL MATERIAL : [Material]

WELL FINISH : [Finish]

WELL PAINT : [Paint]

WELL GLASS : [Glass]

WELL DOOR : [Door]

WELL LOCK : [Lock]

WELL HANDLE : [Handle]

WELL KNOB : [Knob]

WELL LATCH : [Latch]

WELL BOLT : [Bolt]

WELL NUT : [Nut]

WELL WASHER : [Washer]

WELL SPRING : [Spring]

WELL ROLLER : [Roller]

WELL GUIDE : [Guide]

WELL STOP : [Stop]

WELL CATCH : [Catch]

WELL LAMP : [Lamp]

WELL SWITCH : [Switch]

WELL BATTERY : [Battery]

WELL MOTOR : [Motor]

WELL PUMP : [Pump]

WELL VALVE : [Valve]

WELL FITTING : [Fitting]

WELL JOINT : [Joint]

WELL GASKET : [Gasket]

WELL O-RING : [O-Ring]

WELL SEAL : [Seal]

WELL GROMMET : [Grommet]

WELL BUSH : [Bush]

WELL SLEEVE : [Sleeve]

WELL COUPLER : [Coupler]

WELL UNION : [Union]

WELL ELBOW : [Elbow]

WELL TEE : [Tee]

WELL CROSS : [Cross]

WELL REDUCER : [Reducer]

WELL ADAPTER : [Adapter]

WELL END CAP : [End Cap]

WELL PLUG : [Plug]

WELL STOPPER : [Stopper]

WELL CAP : [Cap]

WELL COVER : [Cover]

WELL LID : [Lid]

WELL DOOR : [Door]

WELL LOCK : [Lock]

WELL HANDLE : [Handle]

WELL KNOB : [Knob]

WELL LATCH : [Latch]

WELL BOLT : [Bolt]

WELL NUT : [Nut]

WELL WASHER : [Washer]

WELL SPRING : [Spring]

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WELL GUIDE : [Guide]

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WELL MOTOR : [Motor]

WELL PUMP : [Pump]

WELL VALVE : [Valve]

WELL FITTING : [Fitting]

WELL JOINT : [Joint]

WELL GASKET : [Gasket]

WELL O-RING : [O-Ring]

WELL SEAL : [Seal]

WELL GROMMET : [Grommet]

WELL BUSH : [Bush]

WELL SLEEVE : [Sleeve]

WELL COUPLER : [Coupler]

WELL UNION : [Union]

WELL ELBOW : [Elbow]

WELL TEE : [Tee]

WELL CROSS : [Cross]

WELL REDUCER : [Reducer]

WELL ADAPTER : [Adapter]

WELL END CAP : [End Cap]

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WELL STOPPER : [Stopper]

WELL CAP : [Cap]

WELL COVER : [Cover]

WELL LID : [Lid]

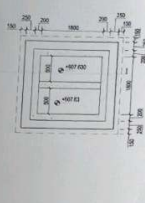
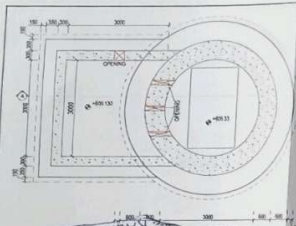
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Asst. Engineer
CME Shahalad

Asst. Executive Engineer
CME Shahalad

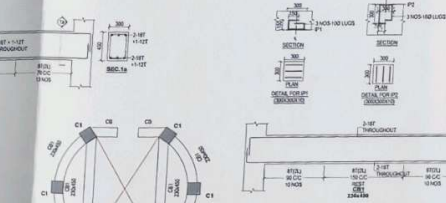
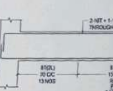
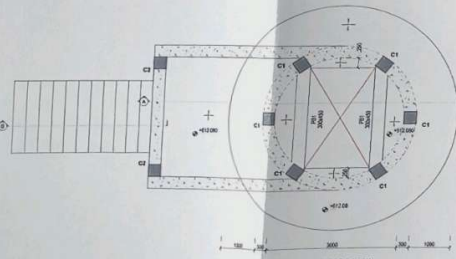
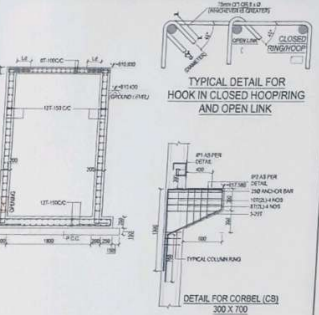
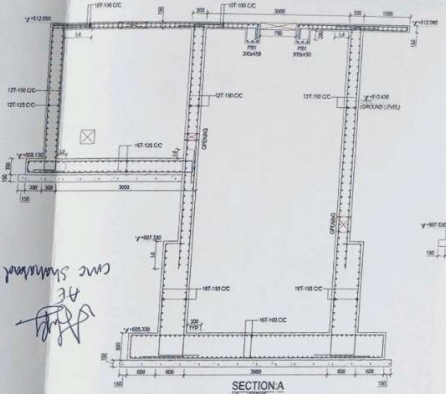
Executive Engineer
DUDC, Kalaburagi



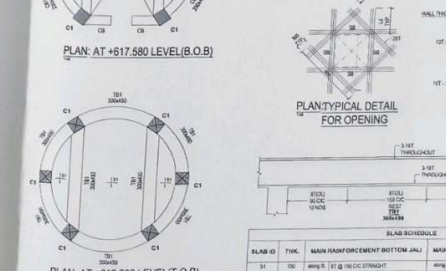
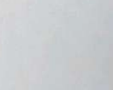
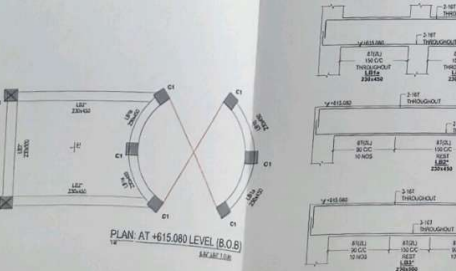
ITEM	DESCRIPTION	QTY	UNIT
1	CONCRETE RAFT	1	SQ. M
2	CONCRETE COLUMN	4	SQ. M
3	CONCRETE BEAM	12	SQ. M
4	CONCRETE SLAB	1	SQ. M
5	CONCRETE CORNER	4	SQ. M
6	CONCRETE CHAMFER	4	SQ. M
7	CONCRETE STAIR	1	SQ. M
8	CONCRETE BALCONY	1	SQ. M
9	CONCRETE TERRACE	1	SQ. M
10	CONCRETE ROOF	1	SQ. M



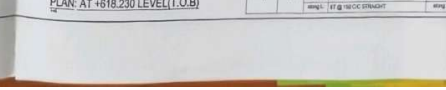
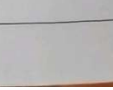
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1	CONCRETE COLUMN	4	SQ. M
2	CONCRETE BEAM	12	SQ. M
3	CONCRETE SLAB	1	SQ. M
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5	CONCRETE CHAMFER	4	SQ. M
6	CONCRETE STAIR	1	SQ. M
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8	CONCRETE TERRACE	1	SQ. M
9	CONCRETE ROOF	1	SQ. M