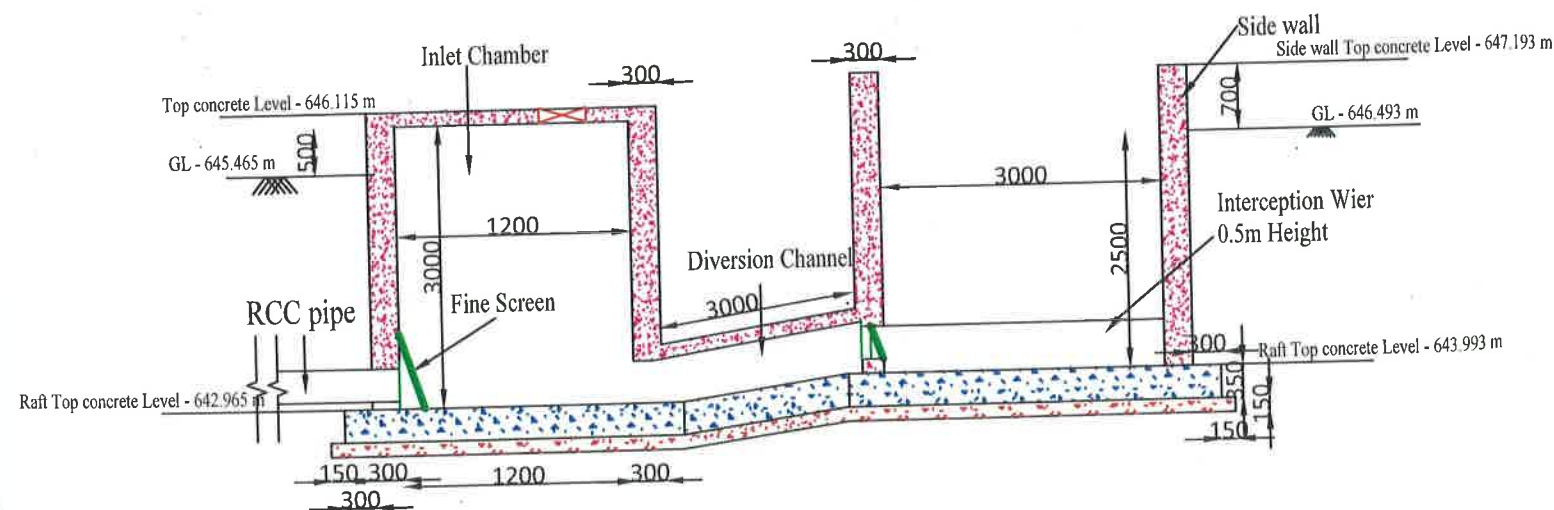
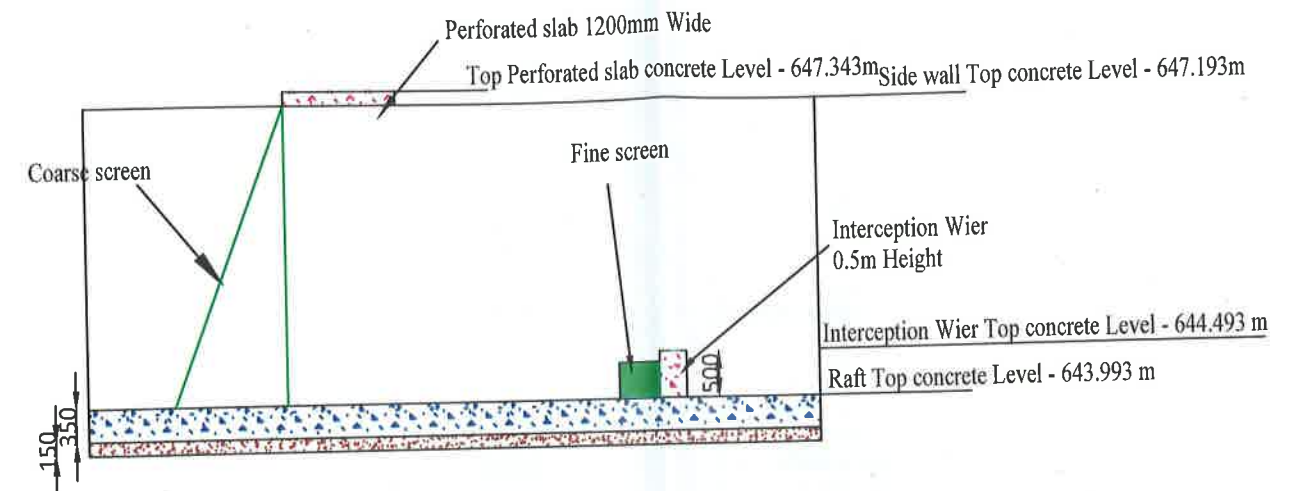


**INTERCEPTION & DIVERSION LAYOUT**



**SECTION A-A OF INTERCEPTION & DIVERSION**



**SECTION B-B OF INTERCEPTION & DIVERSION**

**NOTES :**

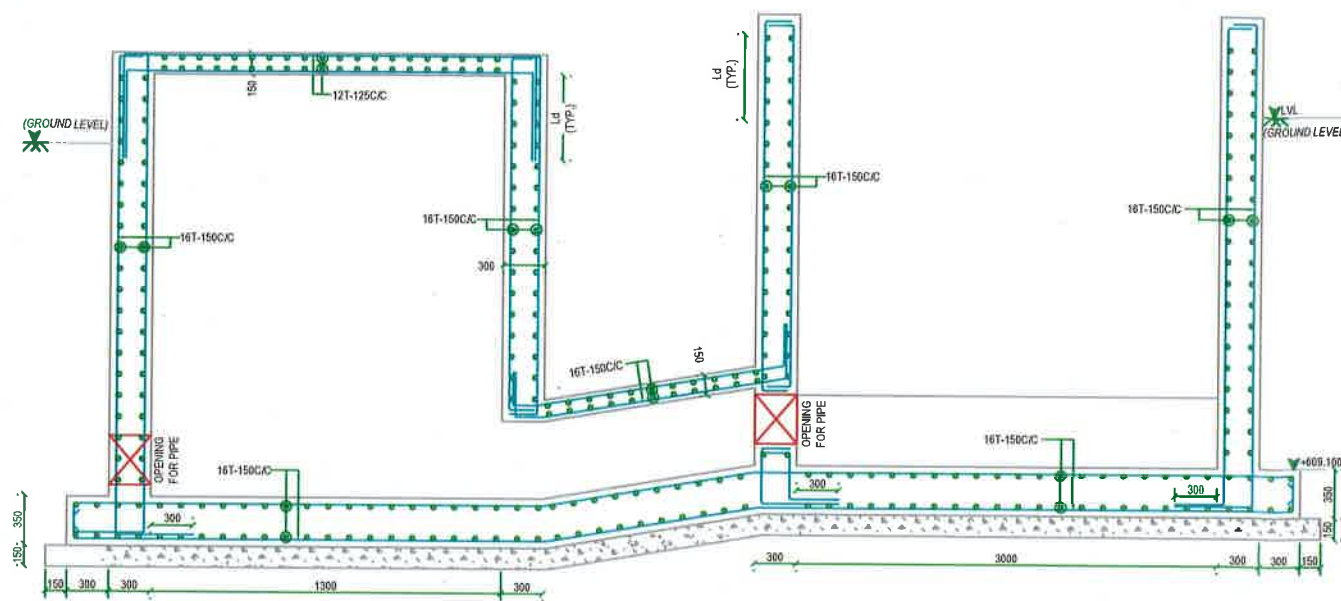
1. ALL DIMENSIONS ARE IN MM.
2. CONCRETE GRADE: M 30
3. STEEL GRADE : FE 550.

THE THICKNESS AND SIZES OF STRUCTURAL ELEMENTS ARE TENTATIVE.  
THE STRUCTURAL DRAWINGS SHALL BE REFERRED FOR ACTUALS.

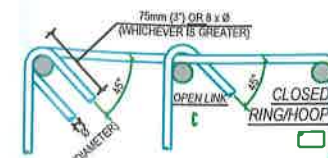
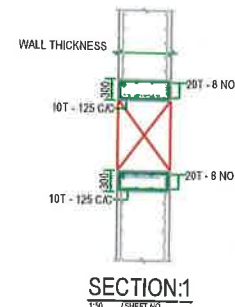
REFERENCE DRAWINGS			
SR.NO	DRG/DOC. NO.	REV. NO.	TITLE

CONSULTANT: GREEN DESIGN & ENGINEERING SERVICES PVT.LTD						
CLIENT : GOVERNMENT OF KARNATAKA URBAN DEVELOPMENT DEPARTMENT				SHEET SIZE : A3		
PROJECT TITLE : SBM 2.0 INTERCEPTION & DIVERSION WORKS		DRN.	CHK.	APP.	DATE	REV
DRAWING TITLE : INTERCEPTION & DIVERSION LAYOUT AT KAAGAVAADA (BELAGAVI DISTRICT)		SH.SCALE F.T.S	DRAWING NUMBER			
		AS SHOWN	1468001/DMA/SWM/SB2/312/ 2024.KAAG/BELA/I&D/003			





SECTION: A  
TYP. / SHEET NO.



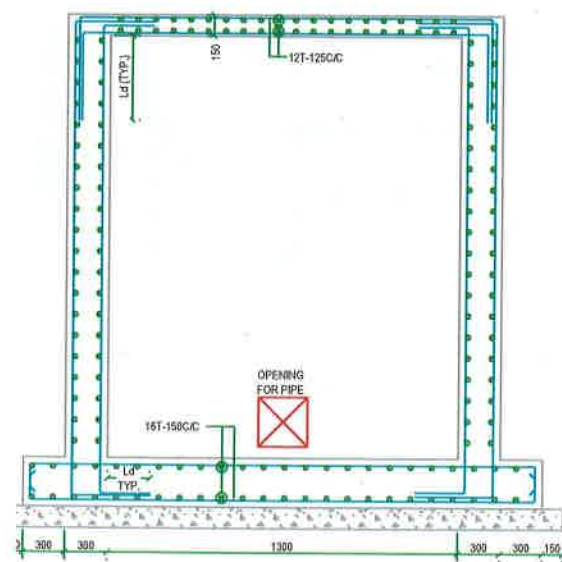
TYPICAL DETAIL FOR  
HOOK IN CLOSED HOOP/RING  
AND OPEN LINK

10T 12T 16T 20T 25T 32T

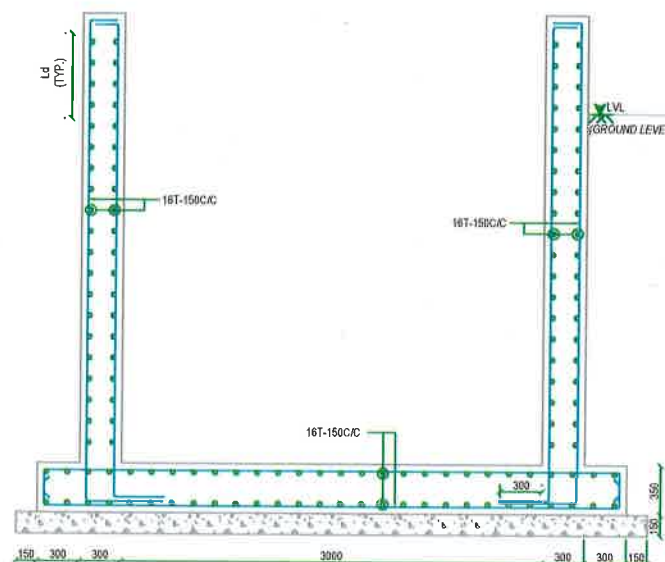
FOR OPENING SIZE REFER GAD DAWINGS.

**GENERAL NOTES:**

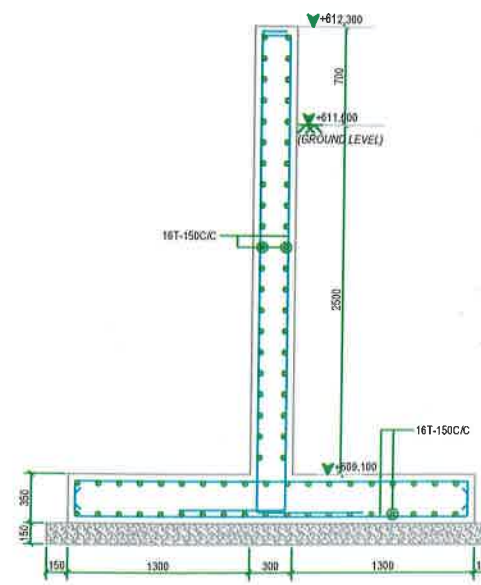
1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN
2. ALL CONCRETE MIX FOR R.C.C. SHALL BE M30 UP TO PLINTH LVL. & ABOVE PLINTH M25 UNLESS SPECIFIED AND P.C.C. M15
3. 'T' INDICATES Fe500 GRADE H.Y.S.D./TMT BARS CONFIRMING TO IS:1786-2008
4. NOMINAL/CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWING; FOUNDATION/RAFT : 50 mm, COLUMN : 40 mm, RC WALL : 45 mm, BEAM : 25 mm AND SLAB : 20 mm
5. ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
6. STEEL CHAIRS SHALL BE PROVIDED TO KEEP TOP STEEL IN PROPER POSITION.
7. ALL DIMENSIONS AND LEVELS SHALL BE VERIFIED AS PER G.A.D OR ARCHITECTURE DRAWINGS. IF ANY AMBIGUITY FOUND IT SHALL BE BROUGHT TO THE NOTICE BEFORE EXECUTION.
8. DEVELOPMENT/LAP LENGTH SHALL BE NOT LESS THAN 50 TIMES THE DIAMETER.
9. 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/m<sup>2</sup> AT THE FOUNDATION LEVEL. AS PER SOIL REPORT NO. ---
11. IS 3764-1992 SHALL BE FOLLOWED AS A SAFETY CODE FOR EXCAVATION WORK.
12. TEMPORARY PIPE SLEEVES TO BE LEFT IN RAFT, FOR RELEASE OF WATER PRESSURE, NUMBERS OF PIPE TO BE JUSTIFIED AS PER THE WATER ACCUMULATION AROUND THE STRUCTURE, SAME TO BE PIPE TO BE REMOVED AND FILLED WITH GROUTING MATERIAL AFTER CONSTRUCTION OF SUPER STRUCTURE.



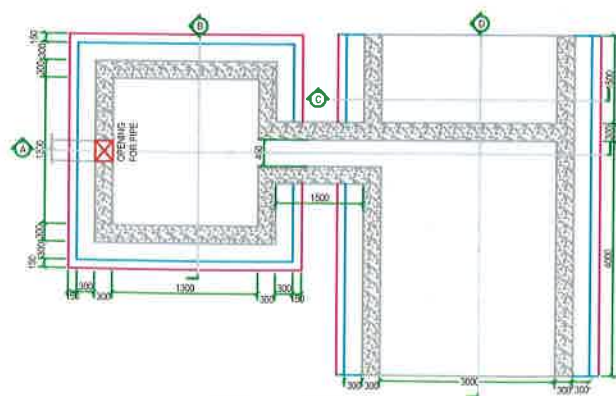
SECTION: B  
TYP. / SHEET NO.



SECTION: W  
TYP. / SHEET NO.



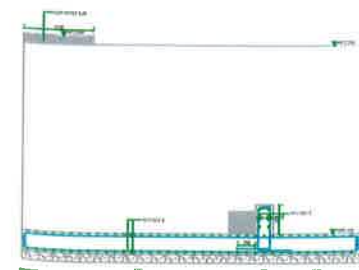
SECTION: D



PLAN: AT RAFT LEVEL



PLAN: WING WALL



SECTION: E

GREEN DESIGN & ENGINEERING SERVICES PVT.LTD

CLIENT :  
GOVERNMENT OF KARNATAKA URBAN  
DEVELOPMENT DEPARTMENT

SHEET SIZE : A3

PROJECT TITLE :

SBM 2.0 INTERCEPTION & DIVERSION WORKS

DRAWING TITLE :

STRUCTURAL DETAIL

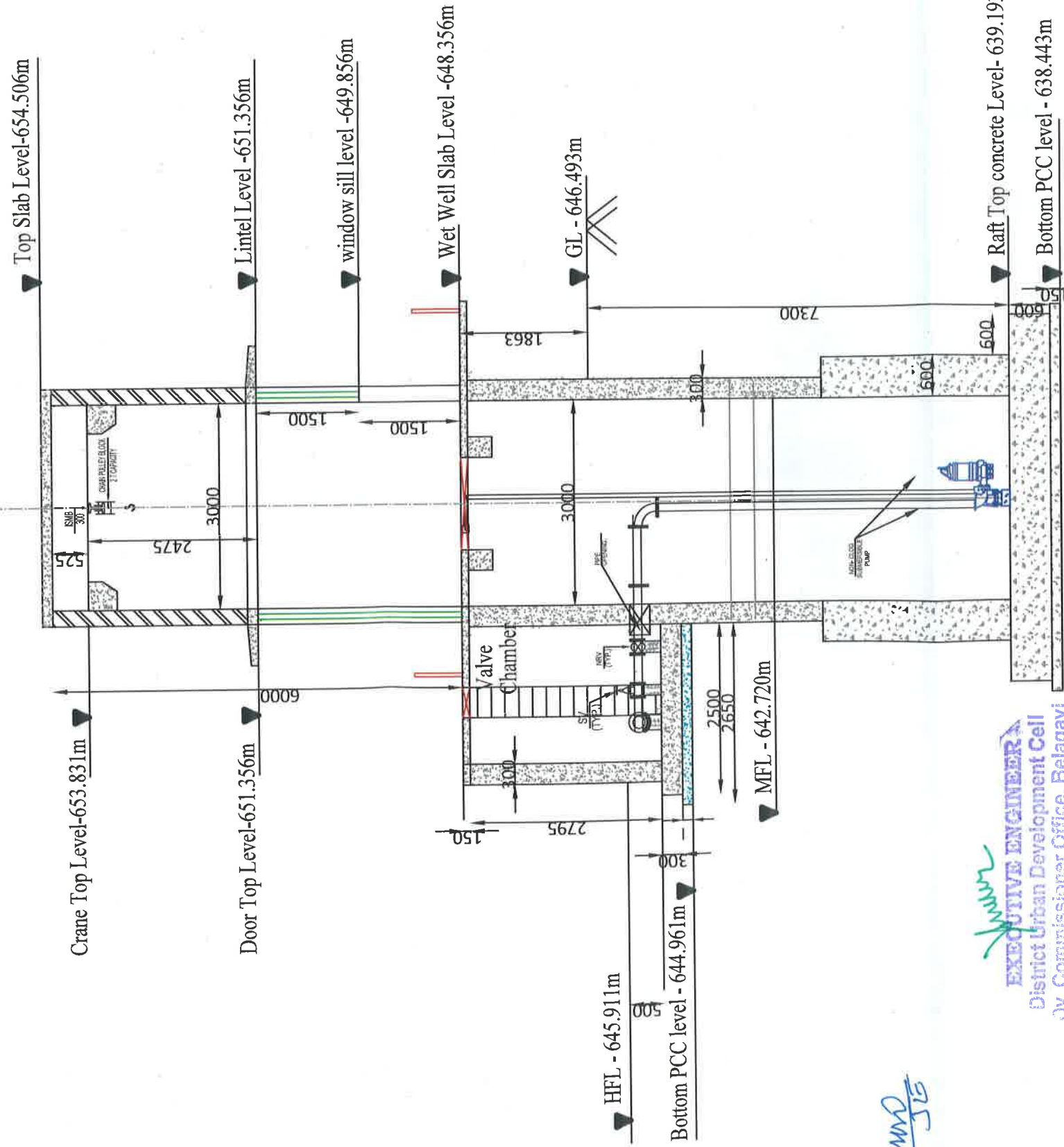
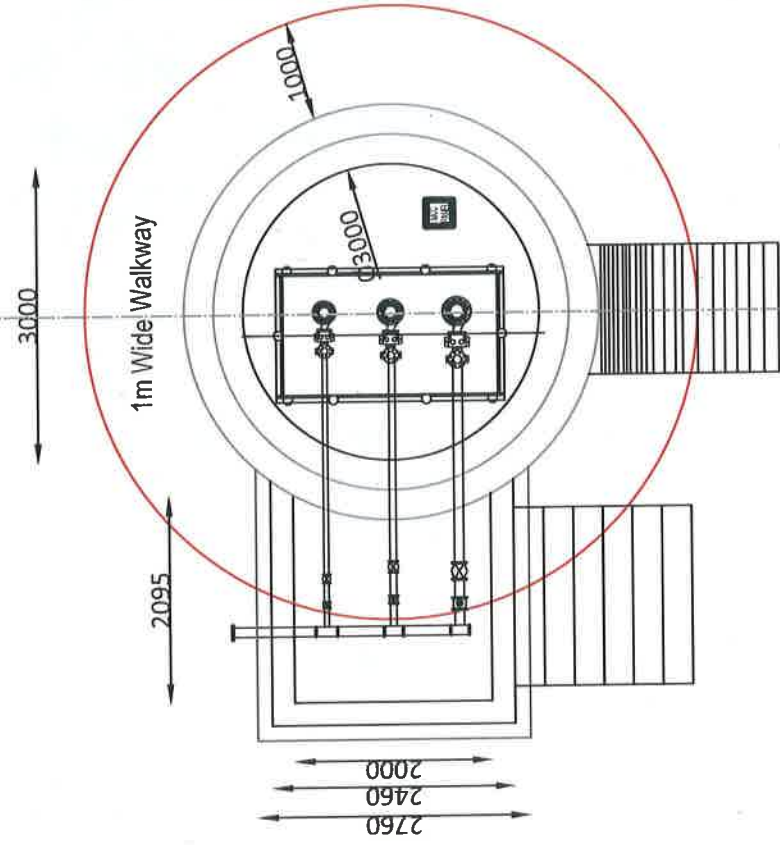
DRN. CHK. APP. DATE REV

DRAWING NUMBER

ASSISTANT EXECUTIVE EN  
Dist. Urban Development

EXECUTIVE ENGINEER  
Dist. Urban Development





Plan and Section of Wet Well of 3.0m Dia

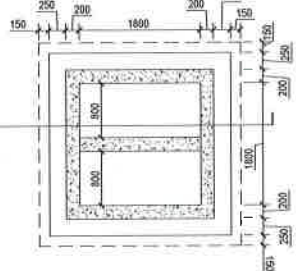
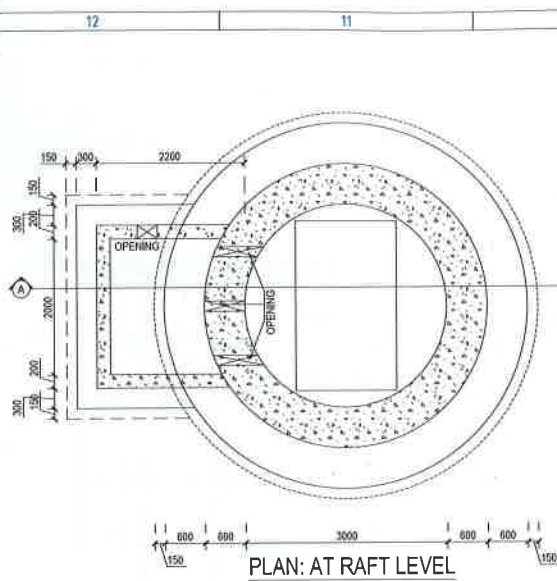
Dr. J. S. S.

EXECUTIVE ENGINEER  
District Urban Development Cell  
Dy. Commissioner Office, Belagavi

ASSISTANT EXECUTIVE ENGINEER  
Dist. Urban Development Cell  
Dy. Commissioner Office, Belagavi

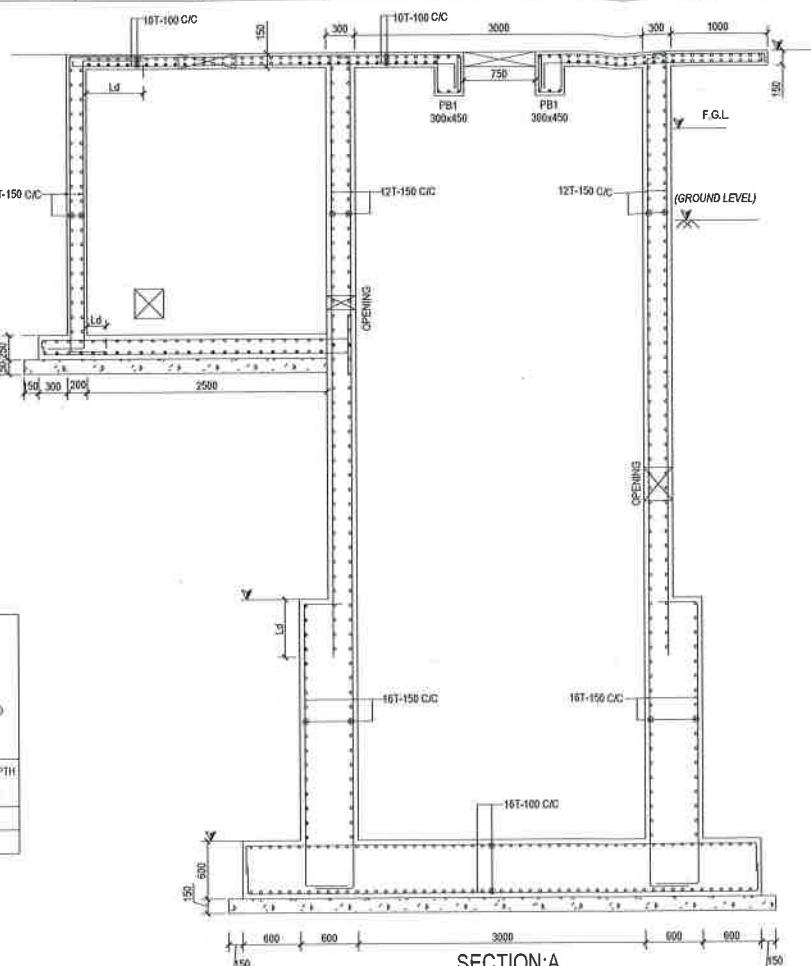
REFERENCE DRAWINGS				CONSULTANT:			
SR. NO	DRG/DOC. NO.	REV. NO.	TITLE	GREEN DESIGN & ENGINEERING SERVICES PVT.LTD			
				CLIENT :			
				GOVERNMENT OF KARNATAKA URBAN DEVELOPMENT DEPARTMENT			
				PROJECT TITLE :			
				SBM 2.0 INTERCEPTION & DIVERSION WORKS			
				DRAWING TITLE :			
				PLAN AND SECTION OF WET WELL OF 3.0M DIA LAYOUT AT KAAGA/ADA (BELAGAVI DISTRICT)			
				SHEET SIZE : A3			
				DRAWING NUMBER			
				1468001/DMA/SWM/SB2/312/2024 KAAG/BELA/ISD/004			

NOTES :  
1. ALL DIMENSIONS ARE IN MM.  
2. CONCRETE GRADE : M 30  
3. STEEL GRADE : FE 550.  
THE THICKNESS AND SIZES OF STRUCTURAL ELEMENTS ARE TENTATIVE.  
THE STRUCTURAL DRAWINGS SHALL BE REFERRED FOR ACTUALS.

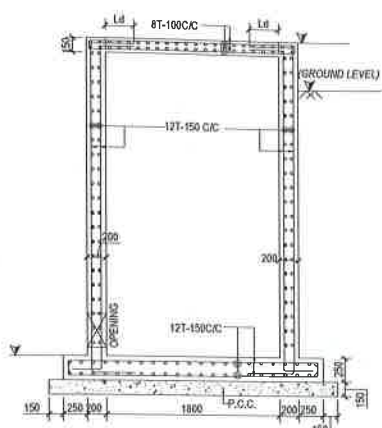


SECTION:1

START LEVEL	TO	GR/PL LEVEL
NO. OF STEEL	6 - 16T	C2 DEPTH
MAIN STEEL	REGULAR ZONE 10T - 100 C/C	800
TRANSVERSE STEEL	CONFINED ZONE (CZ) 10T - 100 C/C	
COLUMN ID	C1	



SECTION:A

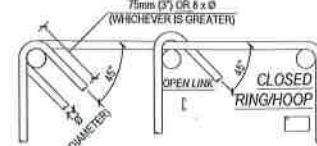


SECTION

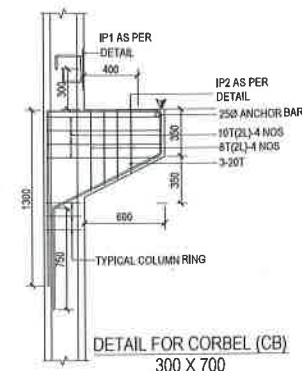
SECTION

PLAN

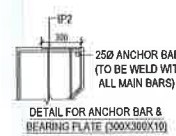
PLAN



TYPICAL DETAIL FOR HOOK IN CLOSED HOOP/RING AND OPEN LINK



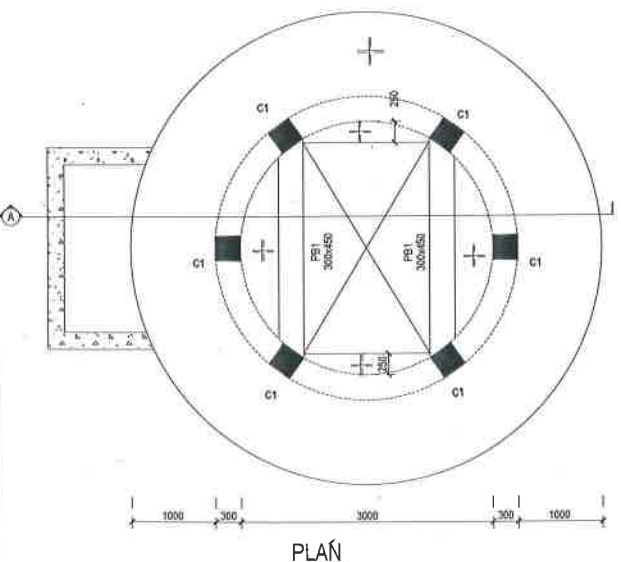
DETAIL FOR CORBEL (CB) 300 X 700



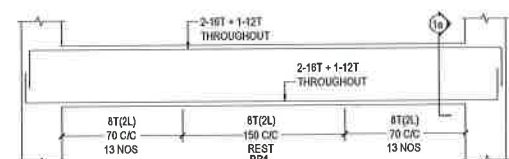
DETAIL FOR ANCHOR BAR & BEARING FLATE (300X300X10)

FOR OPENING SIZE REFER GAD DRAWINGS.

- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN M.
  - ALL CONCRETE MIX FOR R.C.C. SHALL BE M30 UP TO PLINTH LVL. & ABOVE PLINTH M25 UNLESS SPECIFIED AND P.C.C. M15.
  - 'T' INDICATES Fe500 GRADE H.Y.S.D./TMT BARS CONFIRMING TO IS:1786-2008.
  - NOMINAL/CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWING; FOUNDATION/RAFT : 50 mm, COLUMN : 40 mm, RC WALL : 45 mm, BEAM : 25 mm AND SLAB : 20 mm.
  - ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
  - STEEL CHAIRS SHALL BE PROVIDED TO KEEP TOP STEEL IN PROPER POSITION.
  - ALL DIMENSIONS AND LEVELS SHALL BE VERIFIED AS PER G.A.D OR ARCHITECTURE DRAWINGS. 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.
  - CURING OF CONCRETE MEMBERS SHALL BE CARRIED OUT FOR A MINIMUM PERIOD OF 14 DAYS FROM CASTING.
  - SOIL BEARING CAPACITY IS CONSIDERED AS 120 kN/m<sup>2</sup> AT THE FOUNDATION LEVEL. AS PER SOIL REPORT NO. ---.
  - IS 3764-1992 SHALL BE FOLLOWED AS A SAFETY CODE FOR EXCAVATION WORK.
  - IF THE WATER TABLE IS ENCOUNTERED AT THE FOUNDATION LEVEL A SUITABLE DEWATERING TECHNIQUE SHOULD BE USED FOR CONSTRUCTION.
  - TEMPORARY PIPE SLEEVES TO BE LEFT IN RAFT, FOR RELEASE OF WATER PRESSURE, NUMBERS OF PIPE TO BE JUSTIFIED AS PER THE WATER ACCUMULATION AROUND THE STRUCTURE, SAME TO BE PIPE TO BE REMOVED AND FILLED WITH GROUTING MATERIAL AFTER CONSTRUCTION OF SUPER STRUCTURE.



PLAN



SECTION:1a

