

20

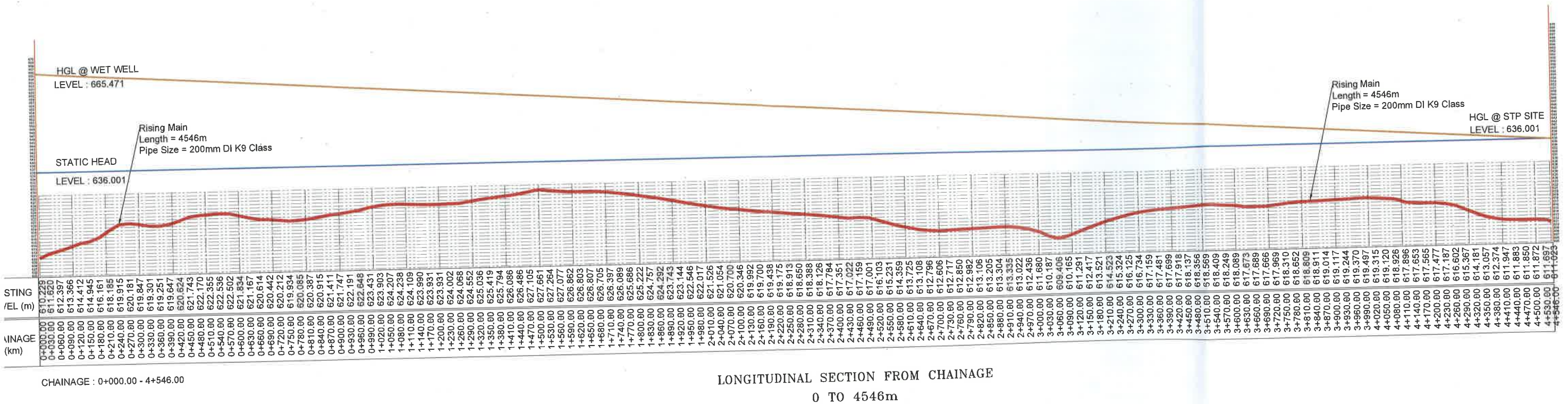
Assistant
ASSISTANT EXECUTIVE ENGINEER
 Dist. Urban Development Cell
 Dy. Commissioner Office, Belagavi

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

Mallapura P.G (Ghataprabha)

Longitudinal Section Profile

Interception & Diversion to Proposed STP

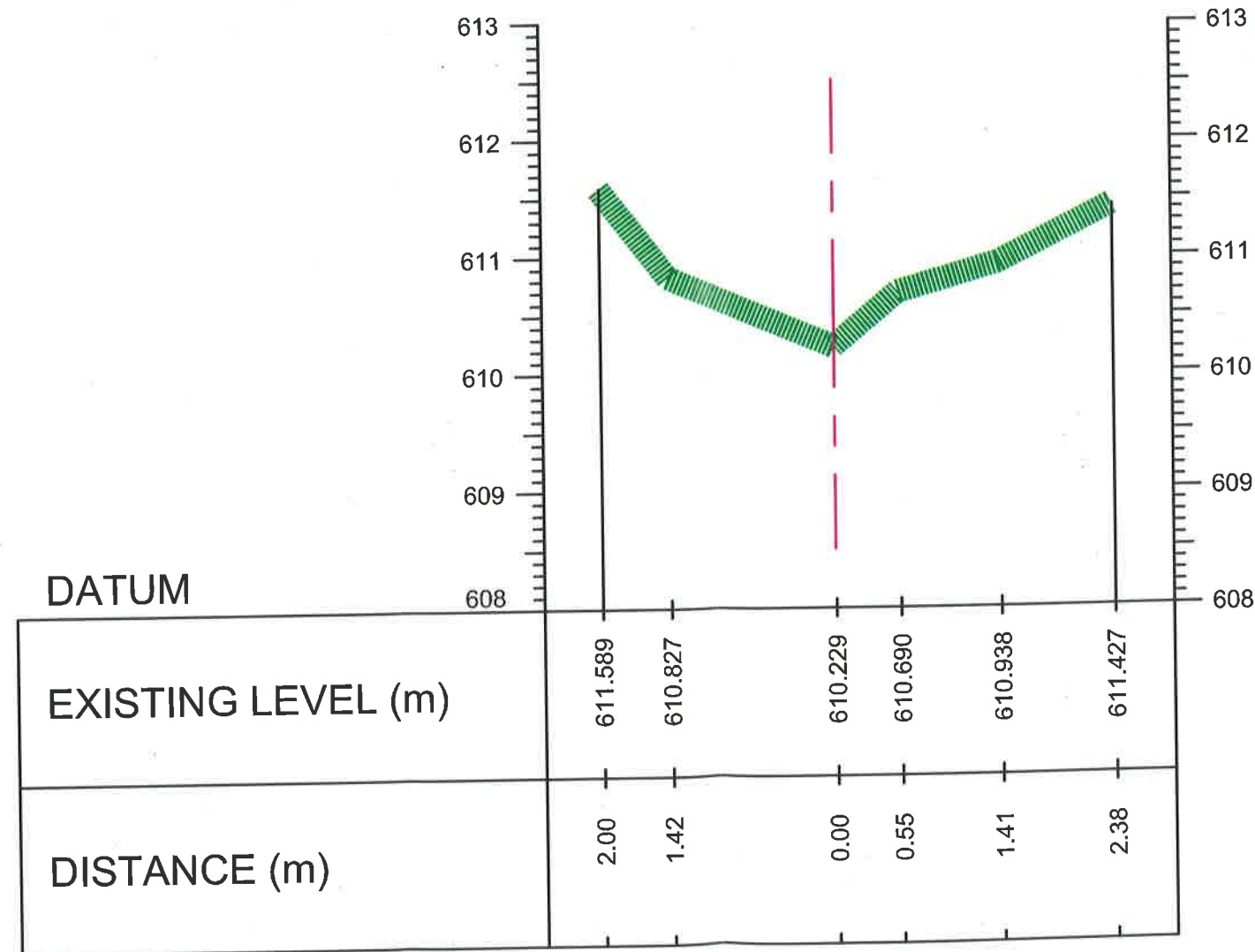


[Signature]
ASSISTANT EXECUTIVE ENGINEER
Dist. Urban Development Cell
Dy. Commissioner Office, Belagavi

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

Mallapura P.G (Ghataprabha)

Cross Section Profile

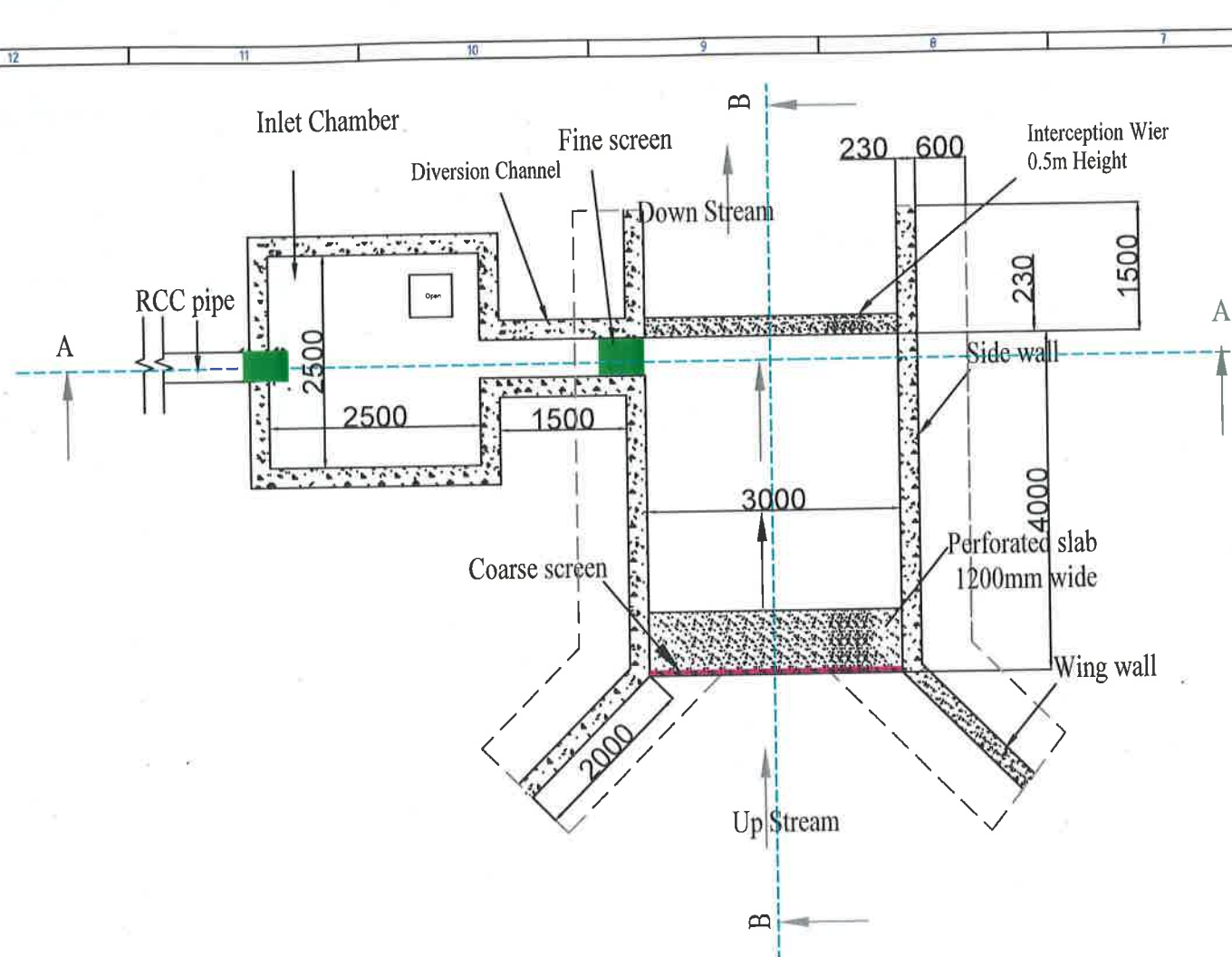


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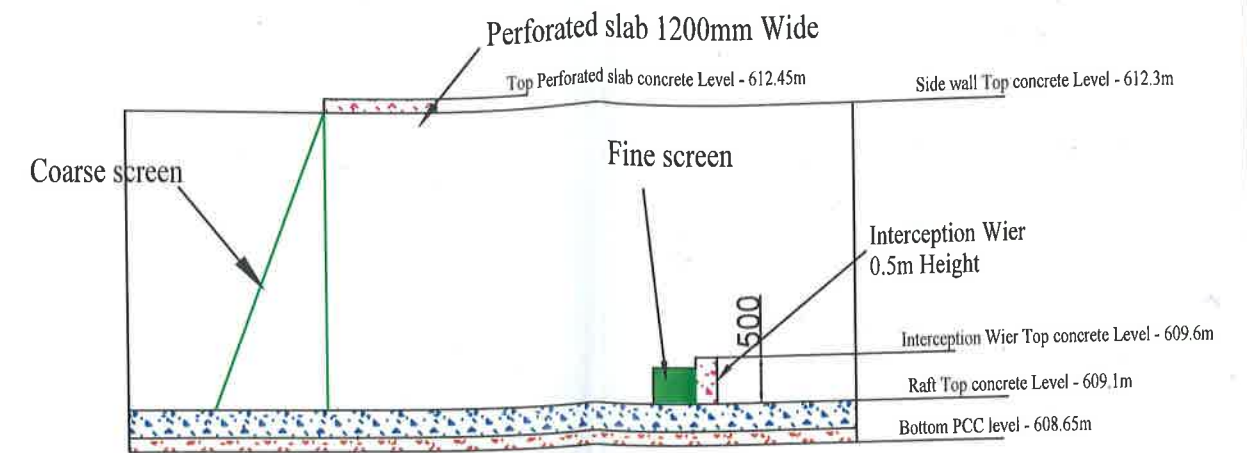
CROSS SECTION

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

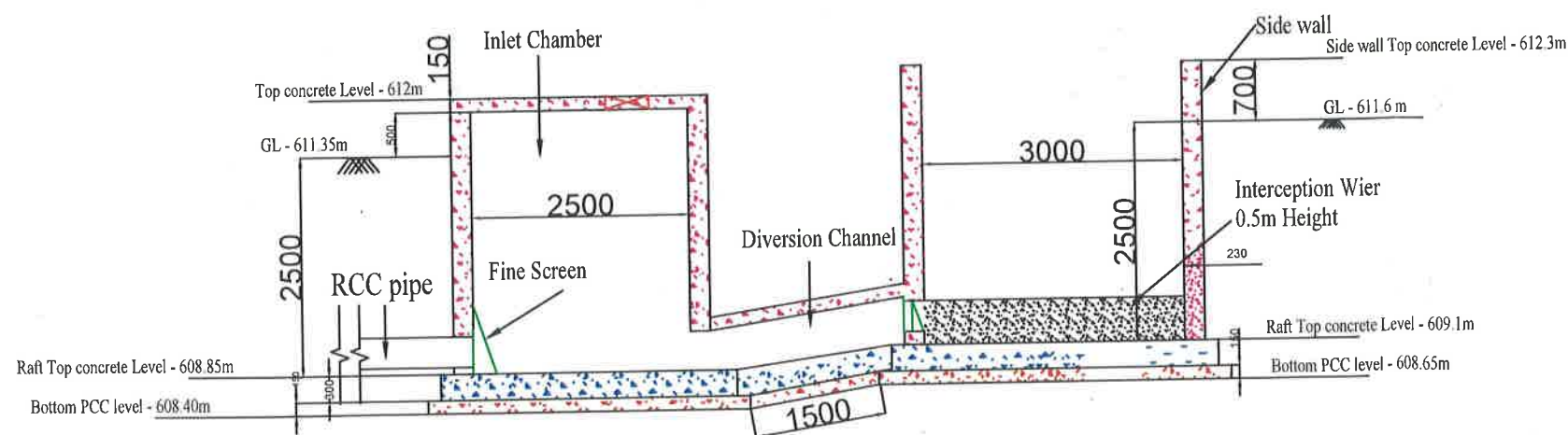
[Signature]
 EXECUTIVE ENGINEER
 District Urban Development Cell
 Dy. Commissioner Office, Belagavi



INTERCEPTION & DIVERSION LAYOUT



SECTION B-B OF INTERCEPTION & DIVERSION



SECTION A-A OF INTERCEPTION & DIVERSION

NOTES:

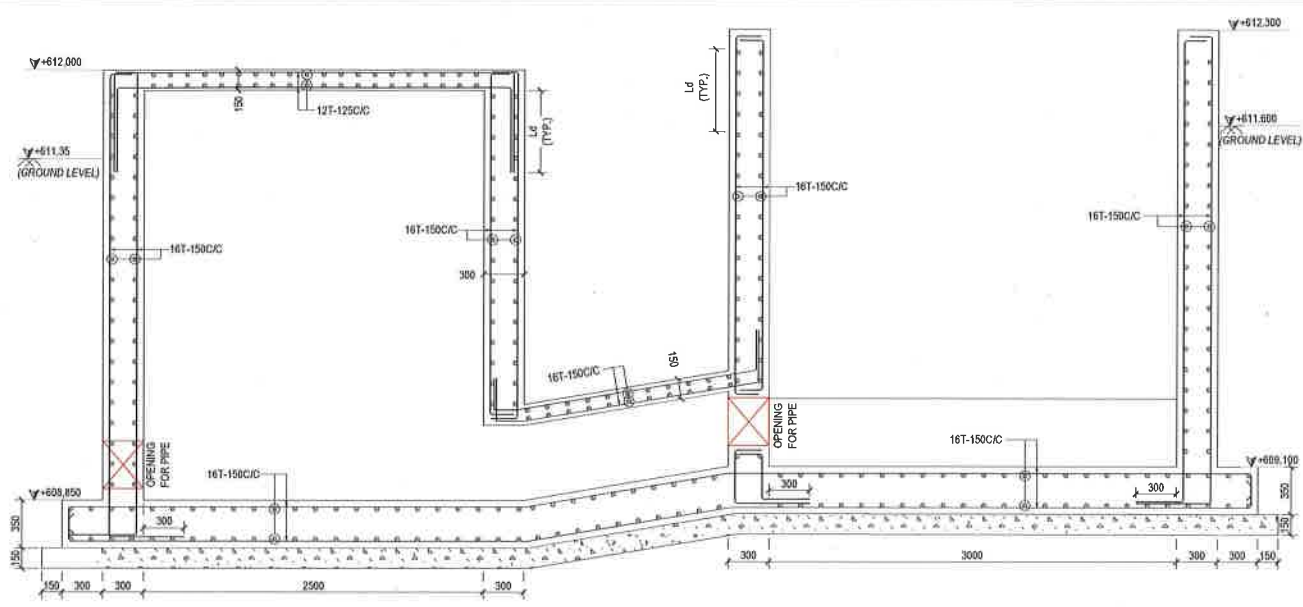
1. ALL DIMENSIONS ARE IN MM.
2. CONCRETE GRADE : M 30
3. STEEL GRADE : FE 550

ASSISTANT EXECUTIVE ENGINEER
1st Urban Development Cell
Dy. Commissioner Office, Belagavi

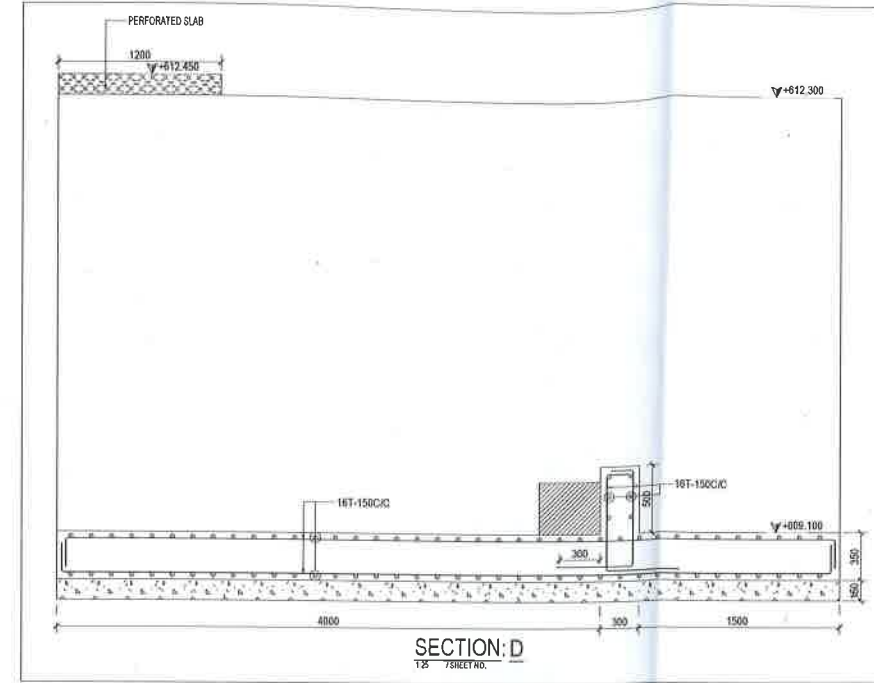
EXECUTIVE ENGINEER
District Urban Development Cell
Dy. Commissioner Office, Belagavi

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

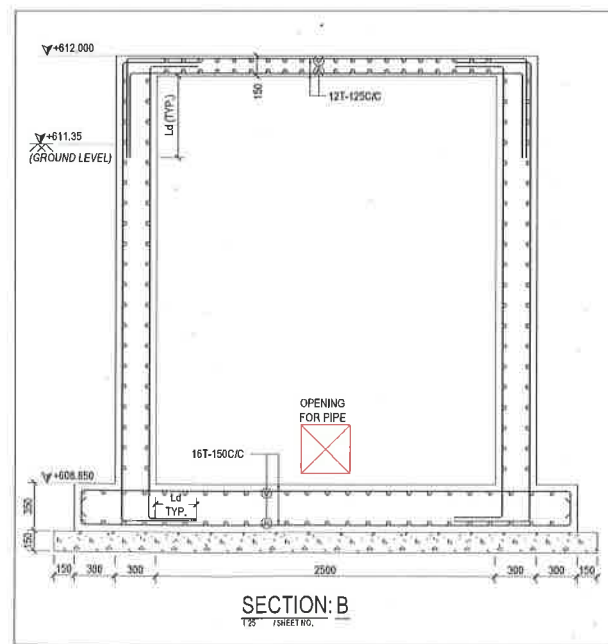
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CLIENT: GOVERNMENT OF KARNATAKA URBAN DEVELOPMENT DEPARTMENT					
PROJECT TITLE: SBM 2.0 INTERCEPTION & DIVERSION WORKS					
DRAWING TITLE: INTERCEPTION & DIVERSION-1 LAYOUT AT GHATAPRAHA PG (GHATAPRAHA) (BELAGAVI)					
DRN.	CHK.	APP.	DATE	REV	SHEET SIZE : A3
DRAWING NUMBER: DMA/SWM/SB2/				SCALE: AS SHOWN	



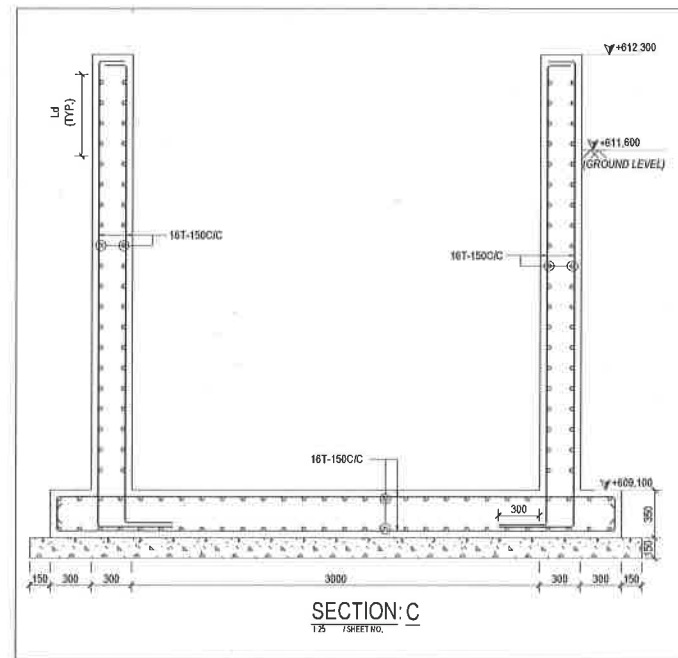
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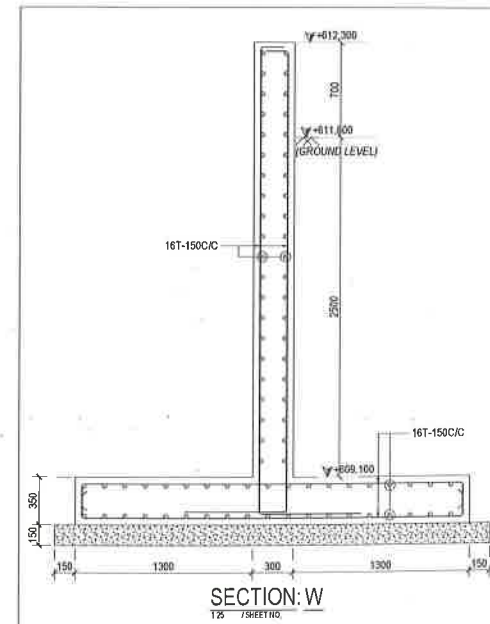
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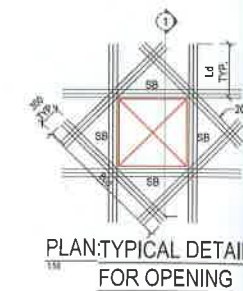
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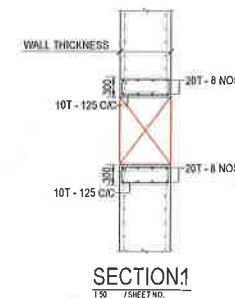
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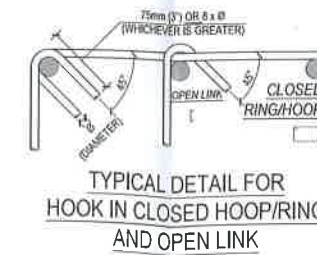
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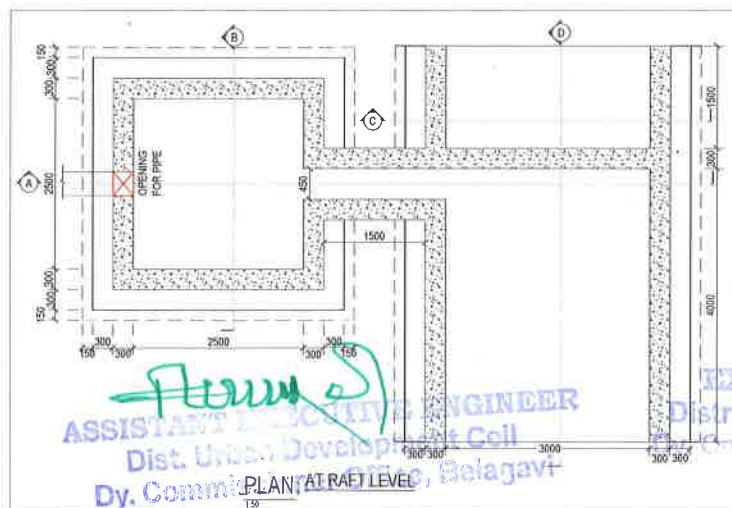
PLAN: TYPICAL DETAIL
FOR OPENING



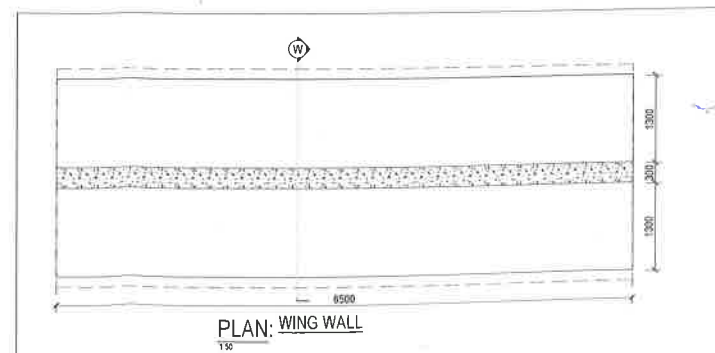
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1/25 /SHEET NO.



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



PLAN: AT RAFT LEVEL
1/25 /SHEET NO.



PLAN: WING WALL
1/25 /SHEET NO.

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

FOR OPENING SIZE REFER GAD DRAWINGS.

- GENERAL NOTES:
1. 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 M30 UNLESS SPECIFIED AND P.C.C. M15.
 2. 'T' INDICATES F&500 GRADE H.Y.S.D./TMT BARS CONFIRMING TO IS:1785-2008.
 3. MINIMUM 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.
 4. ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
 5. STEEL CHAIRS SHALL BE PROVIDED TO KEEP TOP STEEL IN PROPER POSITION.
 6. 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.
 7. DEVELOPMENT LAP LENGTH SHALL BE NOT LESS THAN 50 TIMES THE DIAMETER.
 8. CURING OF CONCRETE MEMBERS SHALL BE CARRIED OUT FOR A MINIMUM PERIOD OF 14 DAYS FROM CASTING.
 9. SOIL BEARING CAPACITY IS CONSIDERED AS 120 kN/m² AT THE FOUNDATION LEVEL AS PER SOIL REPORT NO. -
 10. IS:3764-1992 SHALL BE FOLLOWED AS A SAFETY CODE FOR EXCAVATION WORK.
 11. 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.

TYPES OF FORMWORK	MINIMUM PERIOD BEFORE STRIKING FORMWORK
1. VERTICAL FORMWORK TO COLUMNS, WALLS, BEAMS	16-24 HOURS
2. SOFFIT FORMWORK TO SLABS (PROPS TO BE REFIXED IMMEDIATELY AFTER REMOVAL OF FORMWORK)	3 DAYS
3. SOFFIT FORMWORK TO BEAMS (PROPS TO BE REFIXED IMMEDIATELY AFTER REMOVAL OF FORMWORK)	7 DAYS
4. 1) SPANNING UP TO 4.5 M 2) SPANNING OVER TO 4.5 M	7 DAYS 14 DAYS
5. 1) SPANNING UP TO 6 M 2) SPANNING OVER TO 6 M	14 DAYS 21 DAYS

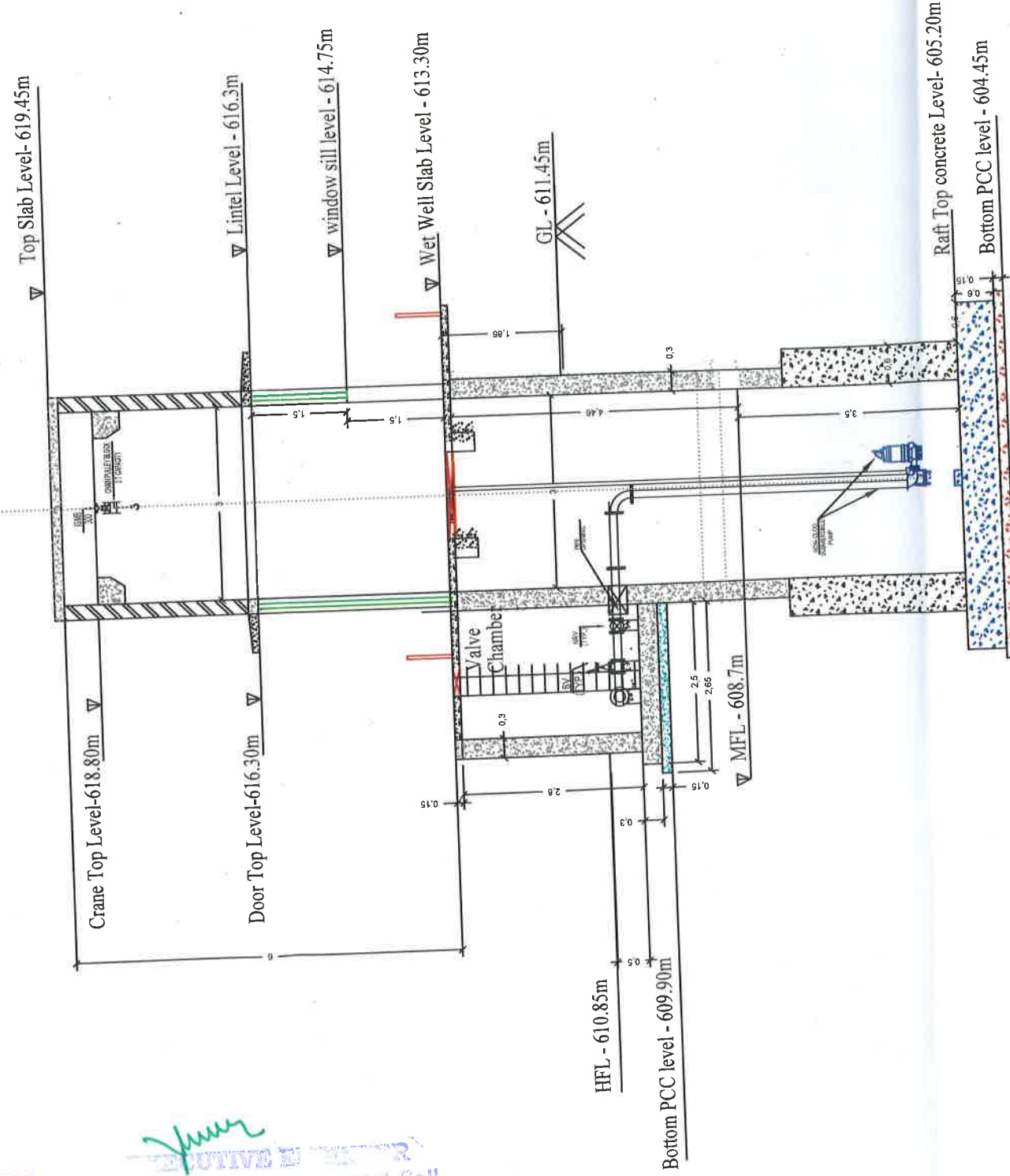
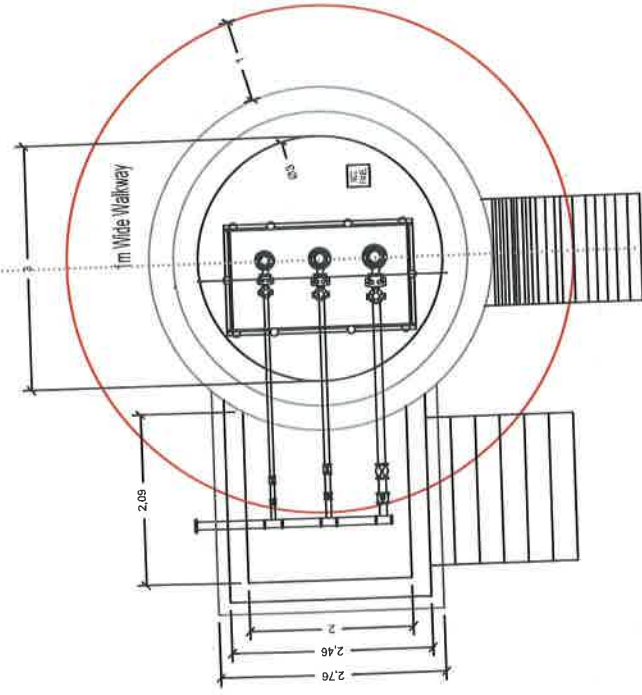
REVISION	DATE	DESCRIPTION
1		
2		

CLIENT NAME	
PROJECT NAME	
PROJECT NO.	
DATE	25-10-2025

SCALE	N.T.S.
CHECKED BY	
DESIGNED BY	
DRAWN BY	
DATE	25-10-2025

ASSISTANT ENGINEER
District Urban Development Cell
Dy. Commissioner, Belagavi

EXECUTIVE ENGINEER
District Urban Development Cell
Dy. Commissioner, Belagavi



Plan and Section of Wet Well of 3.0m Dia

10

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

Executive Engineer
 DISTRICT URBAN DEVELOPMENT CELL
 Dy. Commissioner Office, Belagavi

NOTES:-

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

CONSULTANT:

GREEN DESIGN & ENGINEERING SERVICES PVT.LTD

CLIENT :

GOVERNMENT OF KARNATAKA URBAN
 DEVELOPMENT DEPARTMENT

SHEET SIZE : A3

PROJECT TITLE :

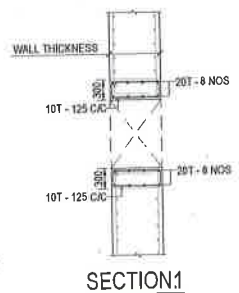
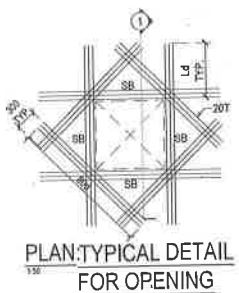
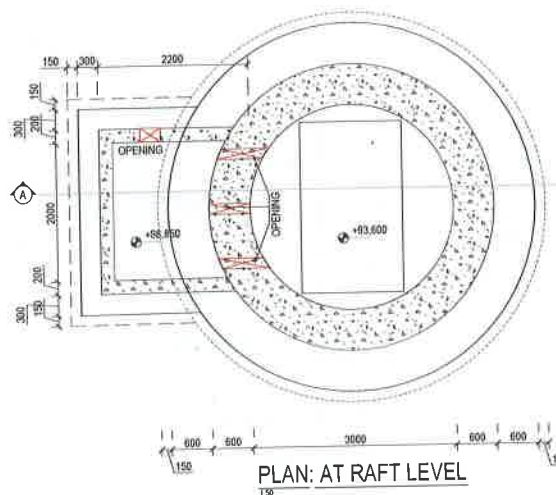
SBM 2.0 INTERCEPTION & DIVERSION WORKS
 DRAWING TITLE :
 INTERCEPTION & DIVERSION-1 LAYOUT AT
 MALLAPURA PG (GHATAPRABHA), BELAGAVI
 AS SHOWN
 DISTRICT

DRN. CHK. APP. DATE

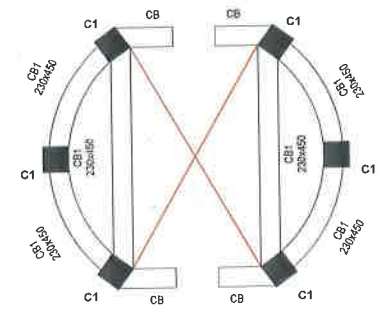
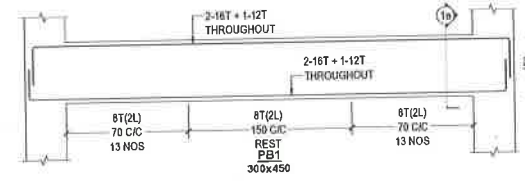
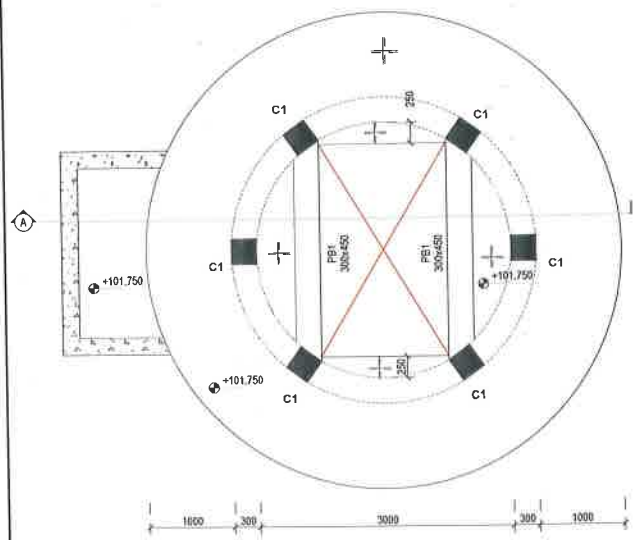
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DRAWING NUMBER

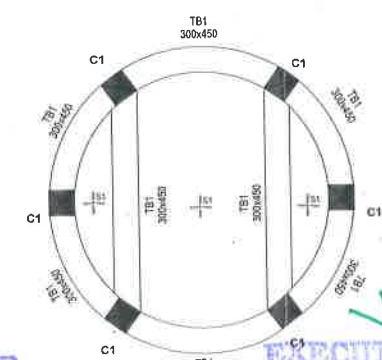
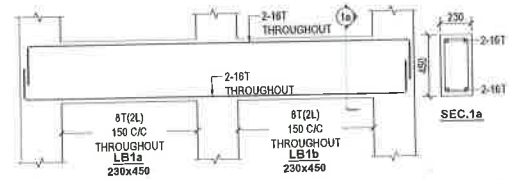
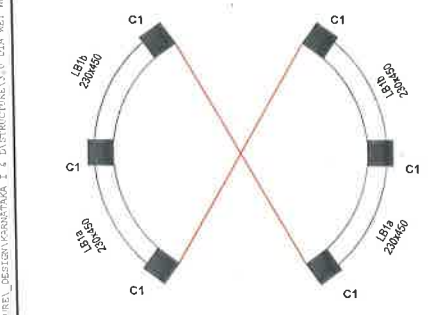
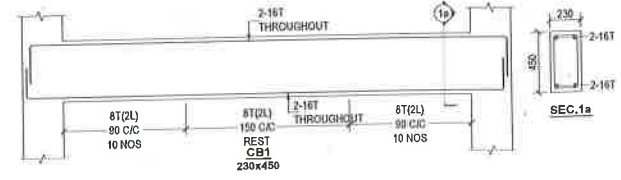
DWA/SWM/SB2/
 MALLA/BELA/WET/001



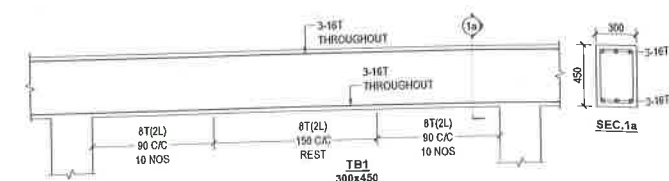
START LEVEL (+101.750)	TO	REINFORCEMENT	REMARKS
10T - 125 C/C	20T - 8 NOS	10T - 125 C/C	
10T - 125 C/C	30T - 8 NOS	10T - 125 C/C	



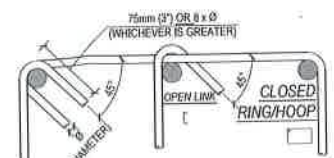
PLAN: AT +107.25 LEVEL



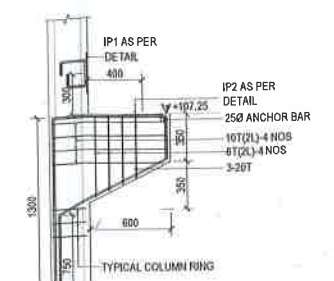
PLAN: AT 108.00 LEVEL



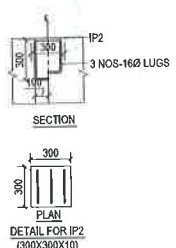
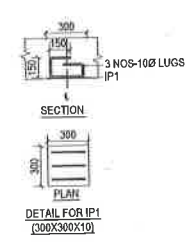
SLAB ID	THK.	MAIN REINFORCEMENT: BOTTOM JALI	MAIN REINFORCEMENT: TOP JALI	REMARKS
S1	150	along B: 8T @ 150 C/C STRAIGHT along L: 8T @ 150 C/C STRAIGHT	along B: 8T @ 150 C/C STRAIGHT along L: 8T @ 150 C/C STRAIGHT	BOTHWAY / BOTHFACE JALI



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



DETAIL FOR CORBEL (CB) 300 X 700



- GENERAL NOTES:
- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN M.
 - ALL CONCRETE MIX FOR R.C.C. SHALL BE M20 UP TO PLINTH LVL. & ABOVE PLINTH M25 UNLESS SPECIFIED AND P.C.C. M15.
 - *T* INDICATES T-500 GRADE H.V.S.D./M.T. BARS CONFORMING 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/m² AT THE FOUNDATION LEVEL AS PER SOIL REPORT NO. -
 - IS 3764-1982 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.

TYPES OF FORMWORK	MINIMUM PERIOD BEFORE STRIKING FORMWORK
1) VERTICAL FORMWORK TO COLUMNS, WALLS, BEAMS	16-24 HOURS
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3) SOFFIT FORMWORK TO BEAMS (PROPS TO BE REFIXED IMMEDIATELY AFTER REMOVAL OF FORMWORK)	7 DAYS
PROPS TO SLAB:	
1) SPANNING UP TO 4.5 M	7 DAYS
2) SPANNING OVER TO 4.5 M	14 DAYS
PROPS TO BEAMS AND ARCHES:	
1) SPANNING UP TO 6 M	14 DAYS
2) SPANNING OVER TO 6 M	21 DAYS

REFERENCE DRAWING	DRAWING NUMBER	DATE
1		
2		

CLIENT NAME	PROJECT NO.

REVISION	DATE	DESCRIPTION	DATE

3.00 M DIA WET WELL AT KARNATAKA
S.01.01 R00
SHEET 01 OF 01
PAPER SIZE: ARCH D (24.00 X 36.00 INCHES)

Assistant Executive Engineer
Dist. Urban Development Cell
Dy. Commissioner Office, Belagavi

Executive Engineer
Dist. Urban Development Cell
Dy. Commissioner Office, Belagavi