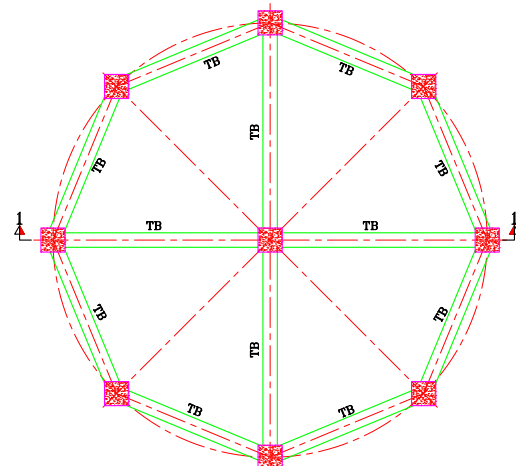
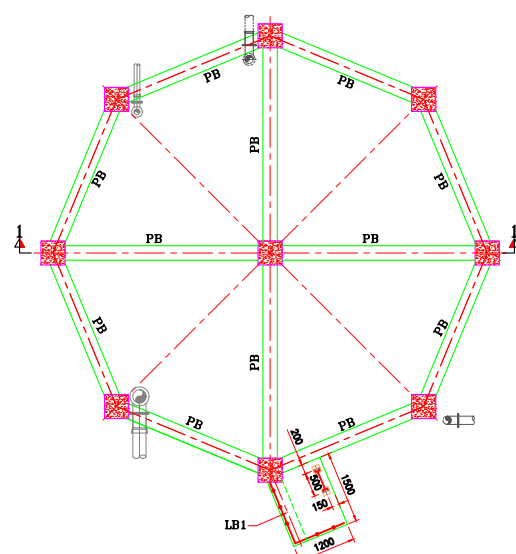


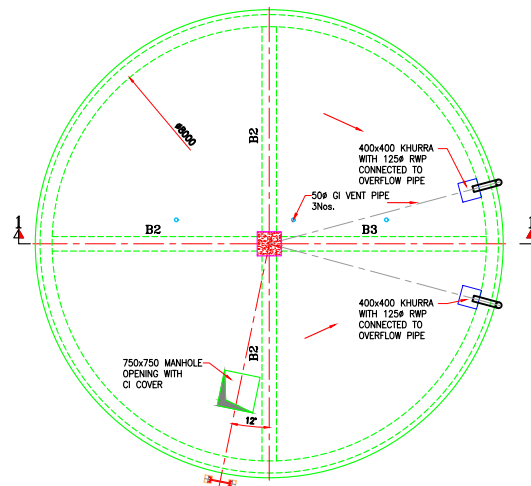
PLAN AT EL. +9.0m LEVEL
(AT TANK BOTTOM SLAB)



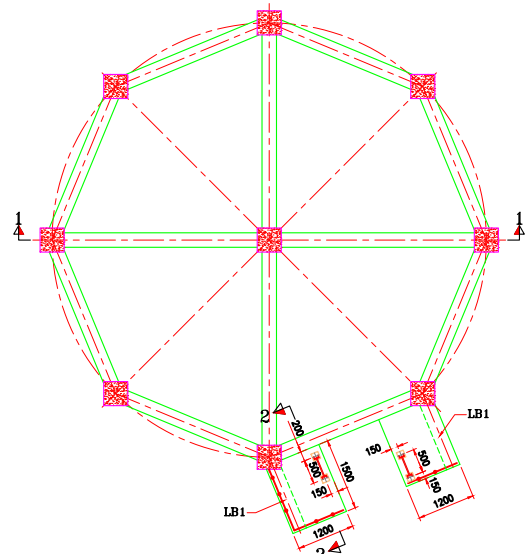
PLAN AT TIE BEAM LEVEL
(TYPICAL)



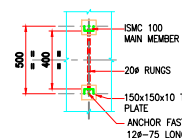
PLAN AT GROUND LEVEL



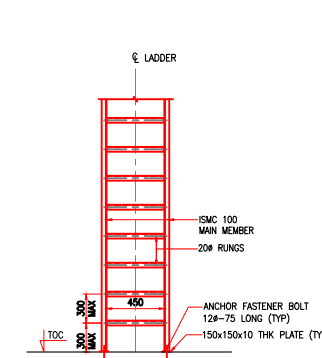
PLAN AT TANK TOP SLAB



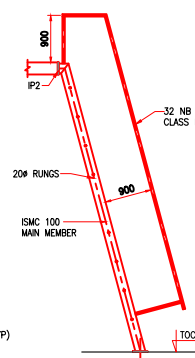
LADDER LAYOUT PLAN



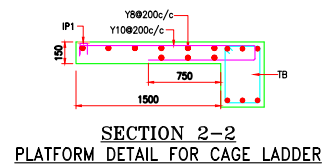
FIXING DETAIL
OF LADDER



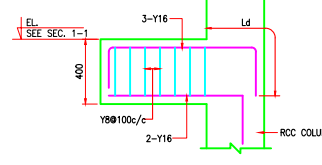
TYP. DETAIL OF LADDER
(FRONT VIEW)



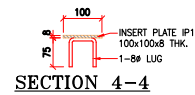
TYP. DETAIL OF LADDER
(SIDE VIEW)



SECTION 2-2
PLATFORM DETAIL FOR CAGE LADDER

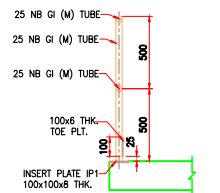


DETAILS OF LANDING BEAM
LB1 (300x400)

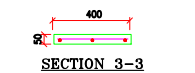


SECTION 4-4

INSERT PLATE IP1

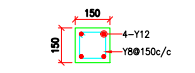


DETAIL OF HANDRAIL

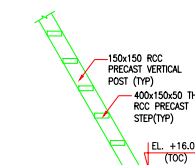


SECTION 3-3

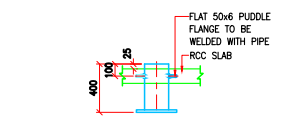
PRECAST RCC STEP



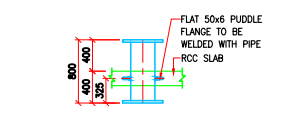
PRECAST RCC POST



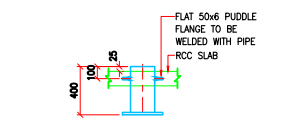
DETAIL FOR PRECAST
RCC LADDER
(FRONT ELEVATION)



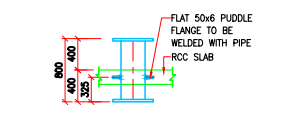
DETAIL OF PUDDLE PIPE
FOR OUT LET



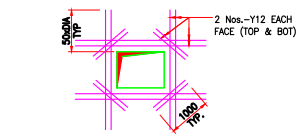
DETAIL OF PUDDLE PIPE
FOR OVERFLOW PIPE



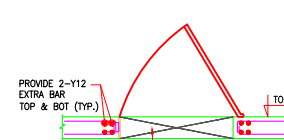
DETAIL OF PUDDLE PIPE
FOR WASH OUT/SCOUR



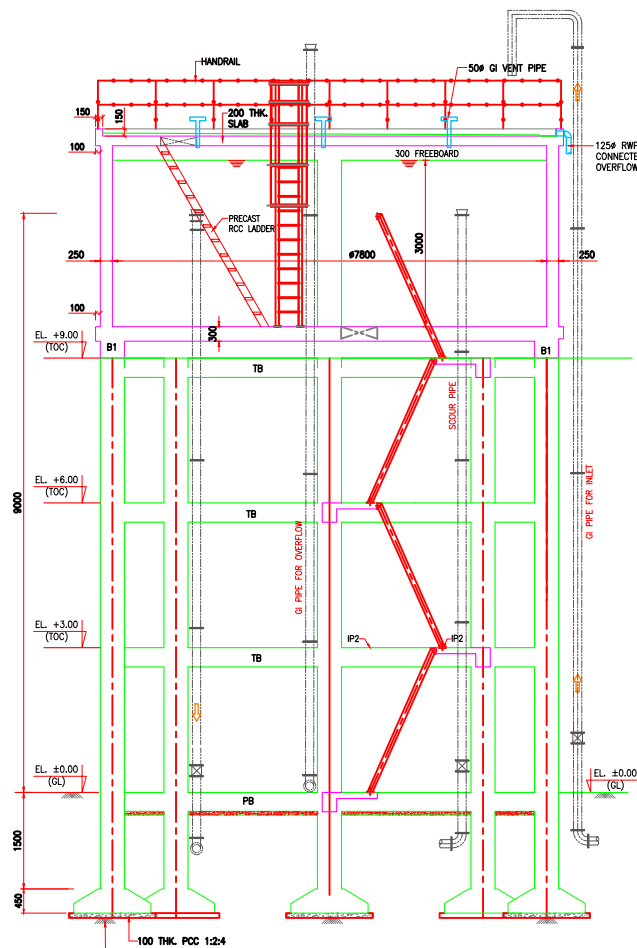
DETAIL OF PUDDLE PIPE
FOR INLET



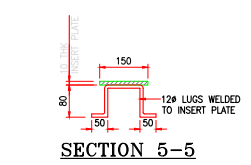
EXTRA R/F DETAIL FOR
RECTANGULAR OPENING



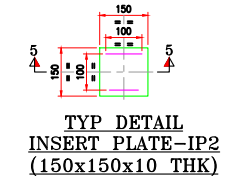
DETAIL-A
MAN HOLE DETAIL



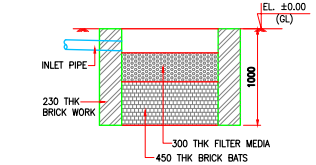
SECTION 1-1



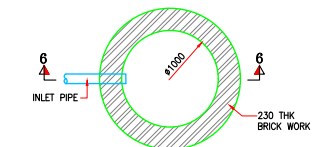
SECTION 5-5



TYP DETAIL
INSERT PLATE-IP2
(150x150x10 THK)





SECTION 6-6



TYP DETAIL OF RECHARGE PIT

NOTES:

- ALL DIMENSIONS ARE IN mm. AND LEVELS ARE IN METRES UNLESS OTHERWISE SPECIFIED.
- FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE.
- MATERIALS, WORKMANSHIP, INSPECTION AND TESTING AS PER IS 456-2000.
- ALL REINFORCEMENT BARS SHALL BE OF GRADE Fe 500D CONFORMING TO IS 1786-LATEST REVISION.
- GRADE OF CONCRETE SHALL BE M-30.
- ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
- CLEAR COVER TO REINFORCEMENT BARS SHALL BE AS FOLLOWS-
 - FOOTING (BOTTOM, SIDE & TOP) = 50mm
 - COLUMN, PEDESTALS = 40mm
 - BEAM, LINTELS = 25mm
 - SLAB (ROOF & FLOOR, CANOPIES, CHAJJAS, WAST SLAB IN STAIR ETC.) = 25mm
 - RCC WALL = 40mm
- AVOID LAPS IN BOTTOM BAR NEAR MID SPAN AND TOP BAR AT SUPPORTS (EXCEPT FOUNDATION).
- EMBEDMENT/LAP LENGTH SHALL = 50xDIA OF BAR.
- PROVIDE SPACER BAR FOR KEEPING THE SECOND LAYER STEEL OF BEAM IN PROPER POSITION.
- STEEL CHAIRS SHALL BE PROVIDED TO KEEP TOP REINFORCEMENT OF SLAB IN PROPER POSITION.
- FOUNDATION SHOULD BE ON IN-SITU SOIL AND IT SHOULD NOT BE ON FILLING MATERIAL i.e. MADE UP SOIL.
- BACK FILLING SHALL BE DONE ONLY AFTER RETAINING WALL ACHIEVES ITS FULL STRENGTH. IF TOP SLAB IS THERE TOP SLAB SHOULD ACHIEVE ITS FULL STRENGTH.
- BACK FILLING SHALL BE DONE IN WELL COMPACTED AND WELL WATERED LAYER NOT EXCEEDING 300mm IN DEPTH.
- FOUNDATION SHALL BE REFINED BY NON COHESIVE SOIL.
- NET BEARING CAPACITY OF SOIL IS CONSIDERED AS 10.0 T/M² AT A DEPTH OF 1.50M.

0		04.12.2022		ISSUE FOR APPROVAL	
REV.		DATE		DESCRIPTION	
CLIENT					
		KARNATAKA URBAN WATER SUPPLY AND DRAINAGE BOARD,BENGALURU			
CONSULTANT					
		Abel Engineering Consultants. 2037, 7th Main, 'D' Block, 2nd Stage, Rajajinagar, Bangalore - 560010			
PROJECT TITLE					
PROVIDING POTABLE WATER SUPPLY AND TERTIARY TREATED WATER FOR INDUSTRIAL PURPOSE TO JAWALI PARK AT NADHISIRANURA, KALABURGI UNDER P.M. MITRA SCHEME					
DRAWING TITLE					
GENERAL ARRANGEMENT DRAWING FOR 1.50LL BACK WASH TANK - 9m STG					
Date May 2025	Drw. —	Dsg. —	Chk. —	App. —	Scale. As Shown
Scale. NTS	Drawing No. WS - 12				Drawing Status. FOR APPROVAL
					Sheet. Size 12 - A3
					Rev. R0