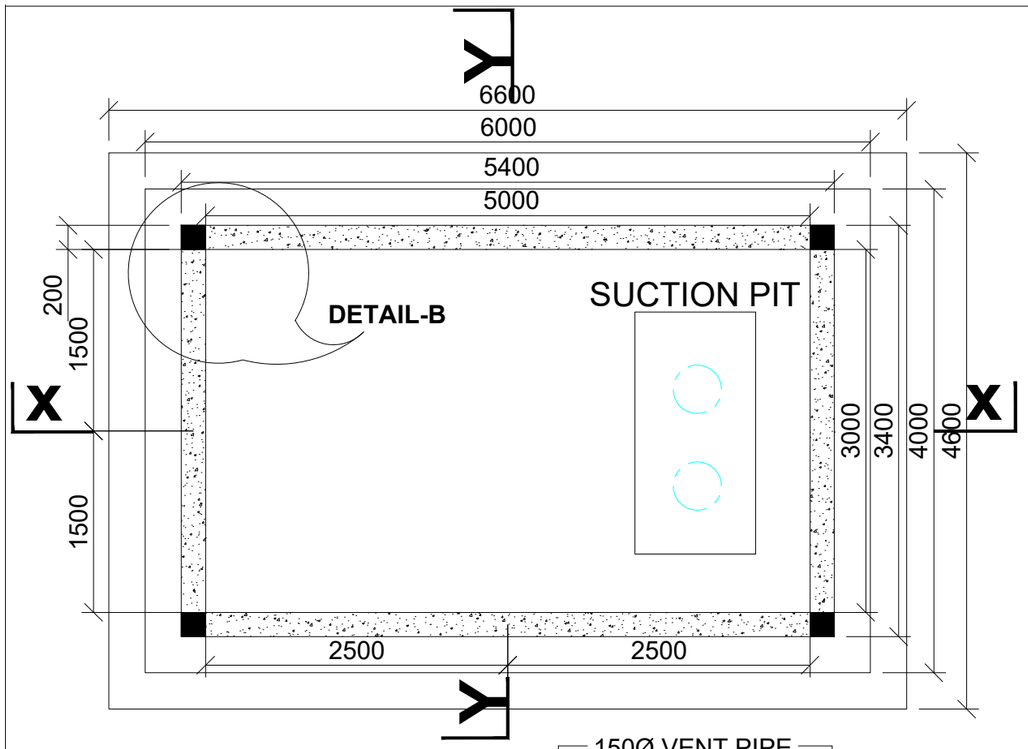
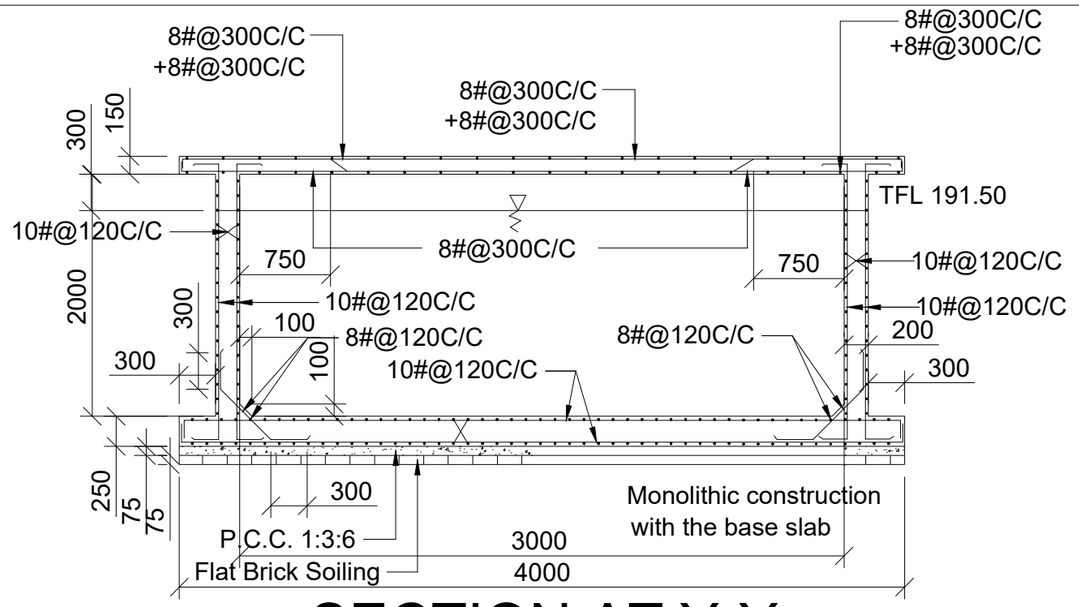
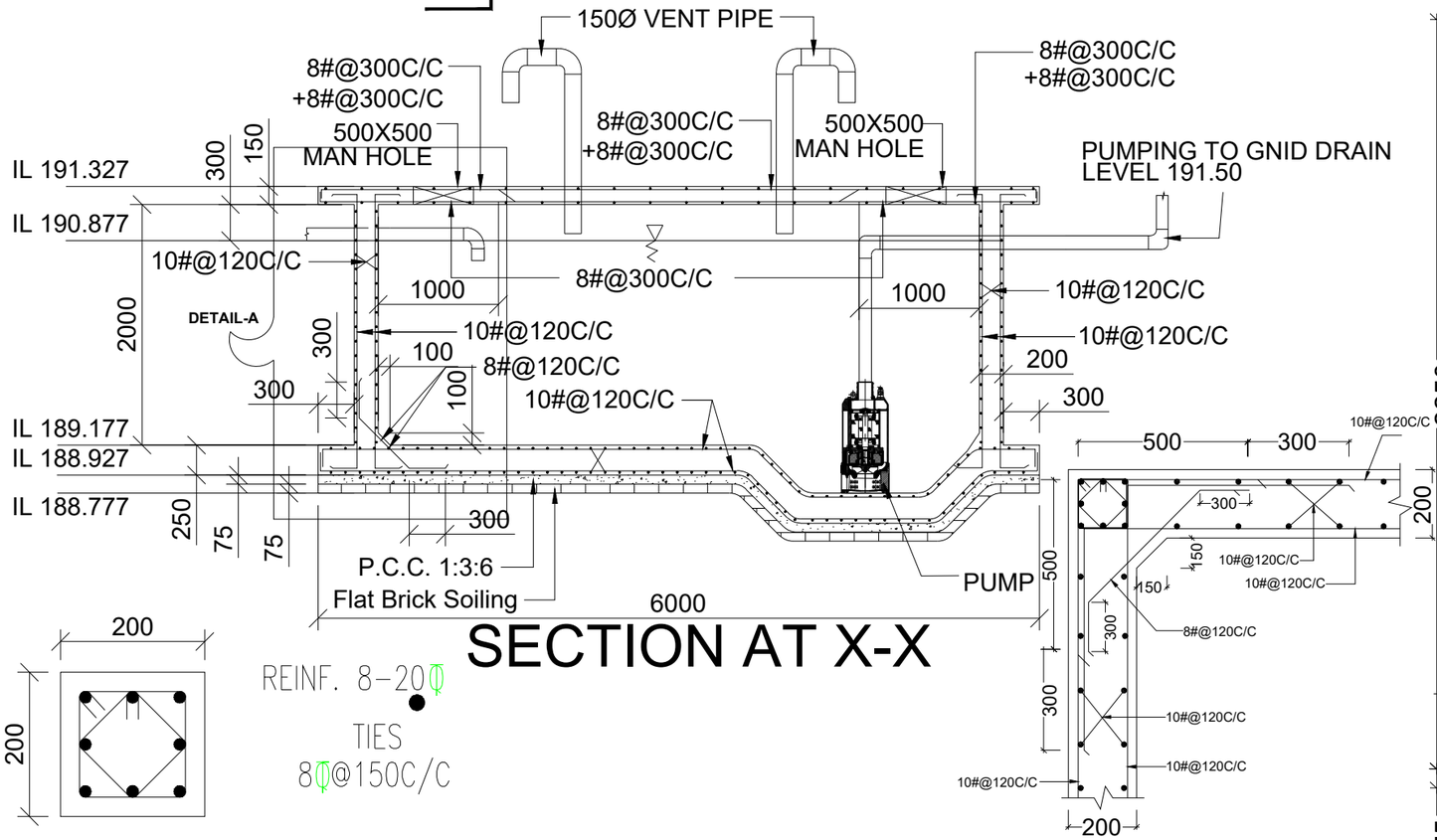




SECTION AT Y-Y



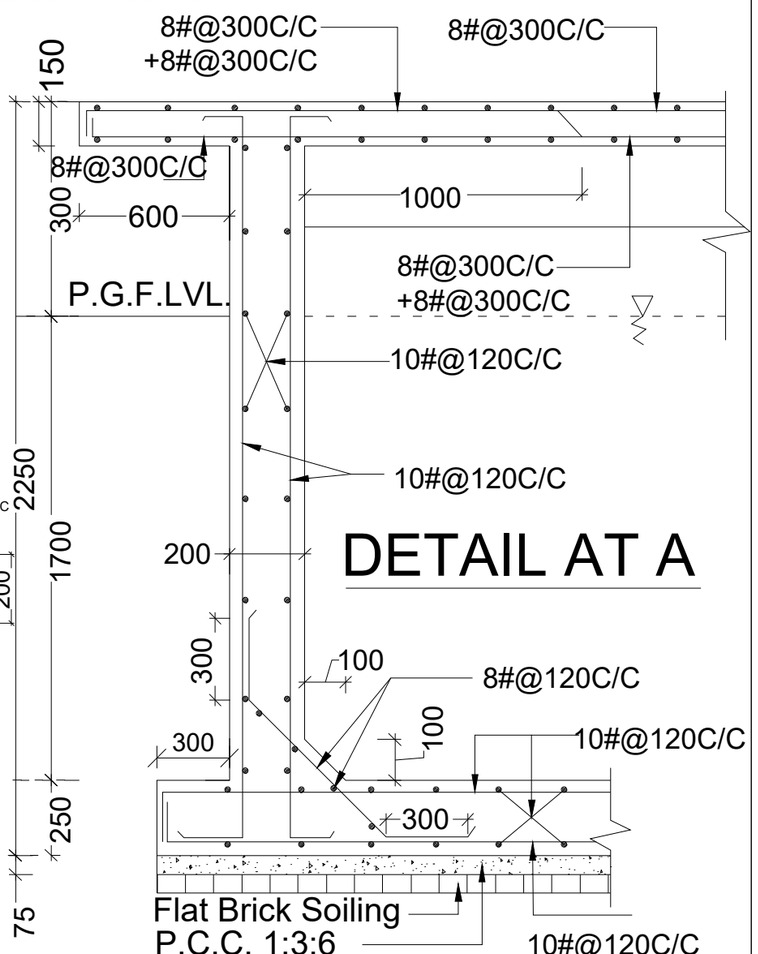
SECTION AT X-X

REINF. 8-20Φ

TIES
8Φ@150C/C

COLUMN C1

CORNER DETAIL AT B



DETAIL AT A

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES (MM) UNLESS OTHERWISE SPECIFIED.
2. THE ATTENUATION TANK IS DESIGNED FOR TEMPORARY STORAGE OF STORM WATER /RUNOFF, ATTENUATION OF PEAK FLOW, AND DEWATERING DURING BACKFLOW CONDITIONS IN THE MAIN DRAIN.
   PEAK DISCHARGE AT OUTLET O3 IS 84 LPS BASED ON DESIGN RAINFALL.
3. DEWATERING PUMPS SHALL BE PROVIDED WITH A CAPACITY OF 84 LPS EACH, CONFIGURATION 1 WORKING + 1 STANDBY, AND DESIGN HEAD OF 8 M. PUMP SELECTION AND DETAILED SPECIFICATIONS SHALL BE FINALIZED BY THE OEM/VENDOR.
4. PUMP INSTALLATION SHALL INCLUDE LIFTING ARRANGEMENT, AND NON-RETURN VALVE ARRANGEMENT.
5. ACCESS LADDER, VENTILATION PIPE, AND MANHOLE COVER SHALL BE PROVIDED AS SHOWN IN THE DRAWING.
6. ELECTRICAL WORKS INCLUDING CONTROL PANEL, CABLING, AND EARTHING SHALL BE PROVIDED AS PER APPROVED SAFETY NORM. RCC WORK SHALL CONFORM TO IS 456 AND IS 3370. MINIMUM CONCRETE GRADE SHALL BE M30, UNLESS SPECIFIED OTHERWISE.
7. REINFORCEMENT STEEL SHALL BE FE500 GRADE CONFORMING TO IS 1786. INTERNAL SURFACES OF THE TANK SHALL BE SMOOTH FINISHED AND TREATED WITH APPROVED WATERPROOFING COMPOUND.
8. TESTING AND COMMISSIONING OF THE DEWATERING SYSTEM SHALL BE COMPLETED BEFORE HANDING OVER.

S.NO.	REVISIONS	DATE

REVISIONS

CLIENT

GREEN WOODS

RESIDENT WELFARE COMMITTEE, PHASE-1 GREENWOODS GOVERNMENT OFFICERS' WELFARE SOCIETY

PROJECT

STUDY AND DESIGN OF REMEDIAL MEASURES FOR DRAINAGE NETWORK IN GREENWOOD SOCIETY

SCALE	PROJECT NO.	SP022-01
NTS	DRAWN BY	SS
	CHECKED BY	SPR

CONSULTANT

FLOODKON CONSULTANT LLP

DRAWING TITLE

UNDER STORM WATER TANK DETAIL AT HOUSE NO 42

DRAWING NO.

FCL/GWS/UGT/003