

TRAINING WALL TYPE I

TRAINING WALL TYPE II

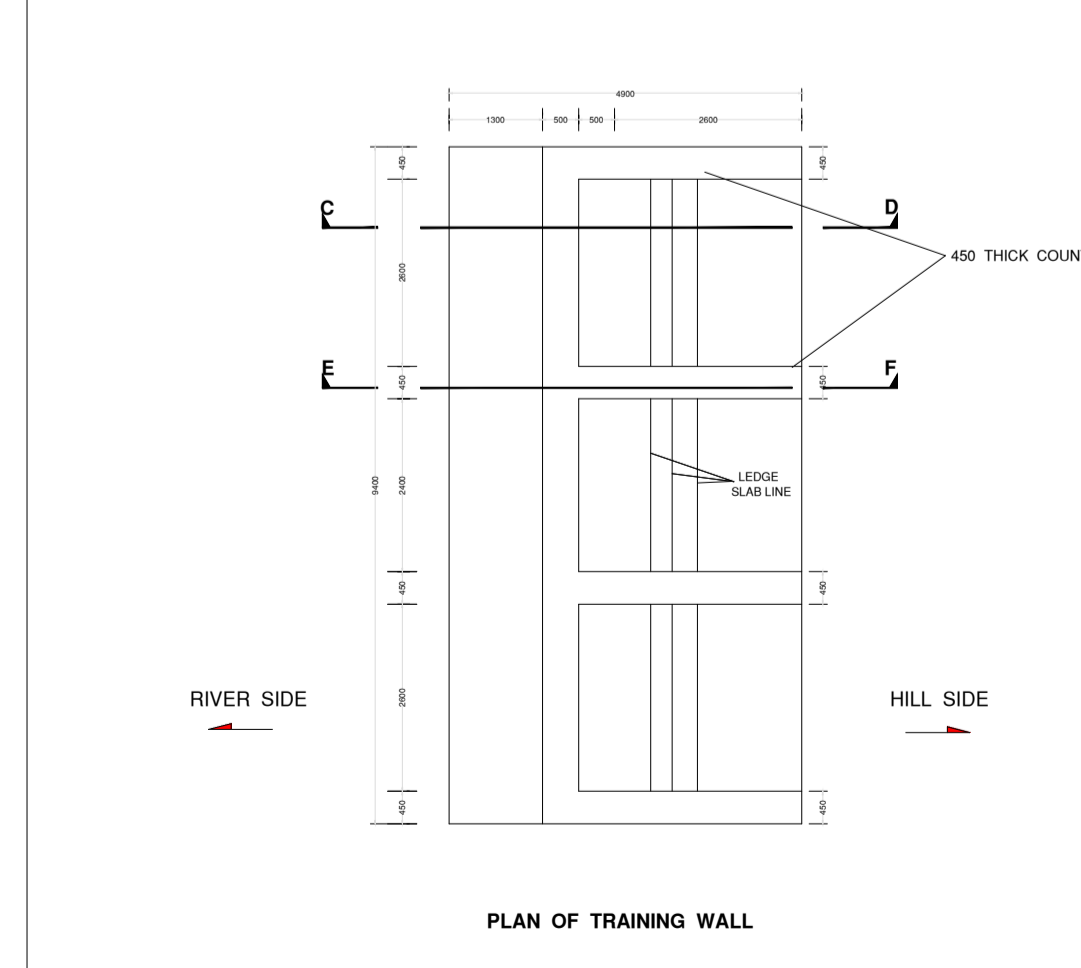
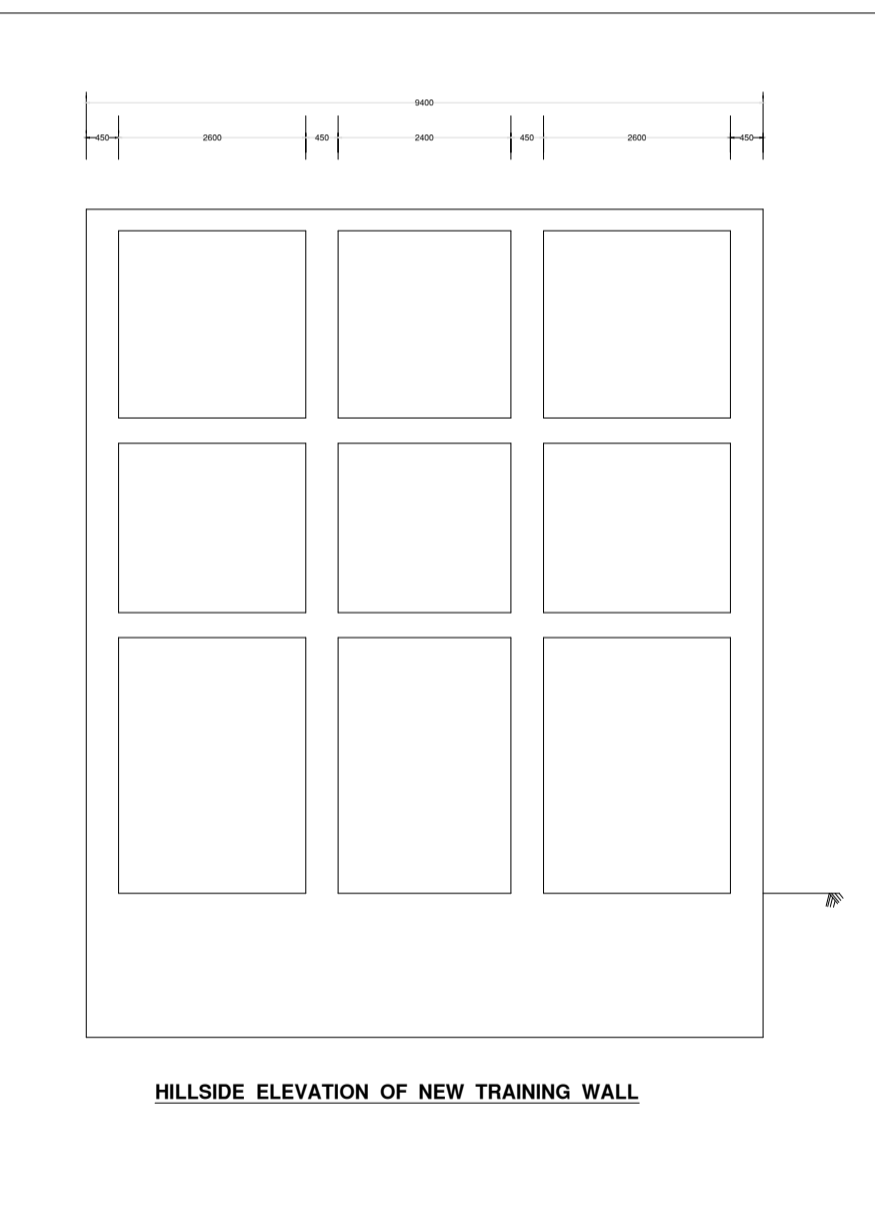
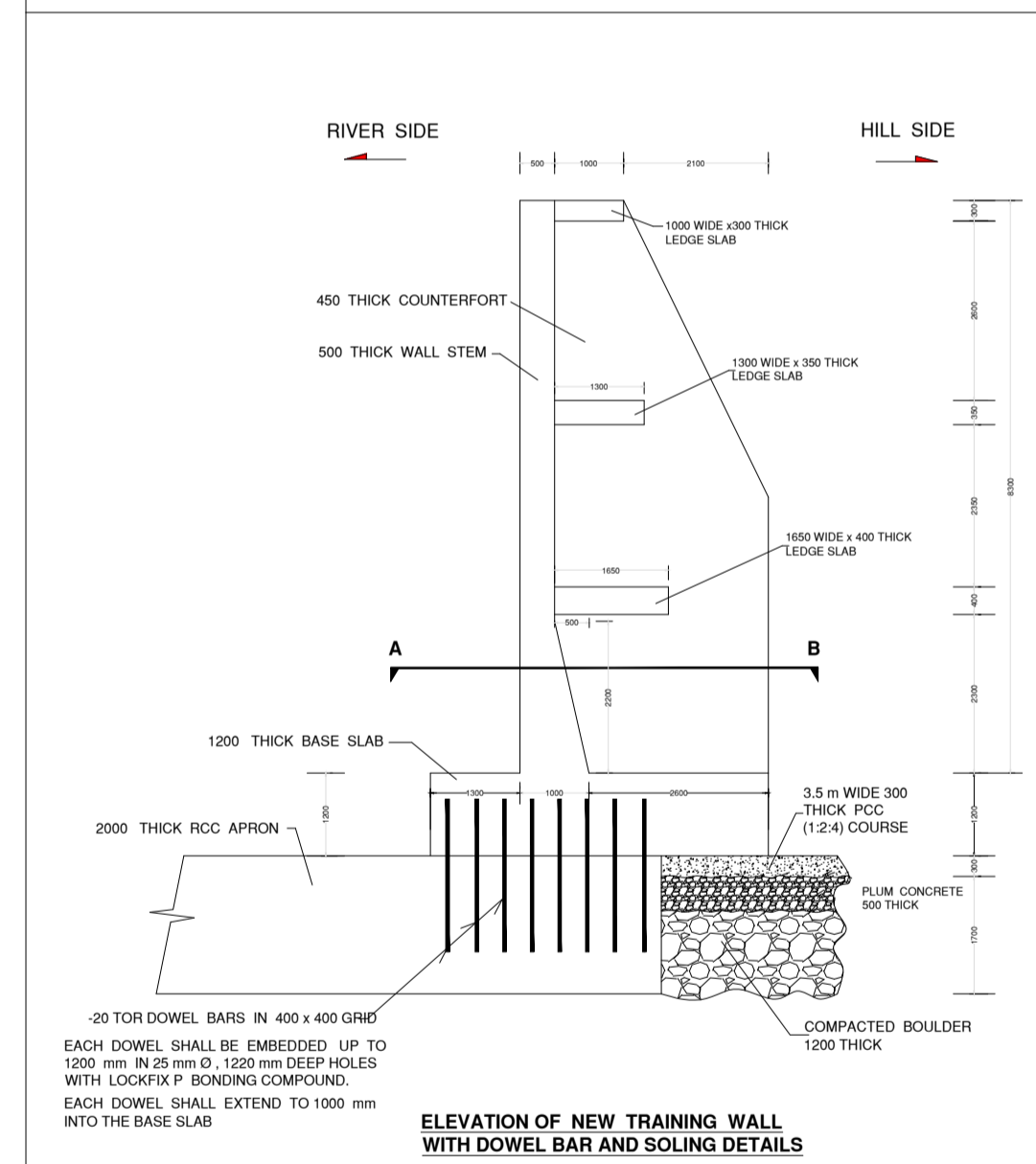
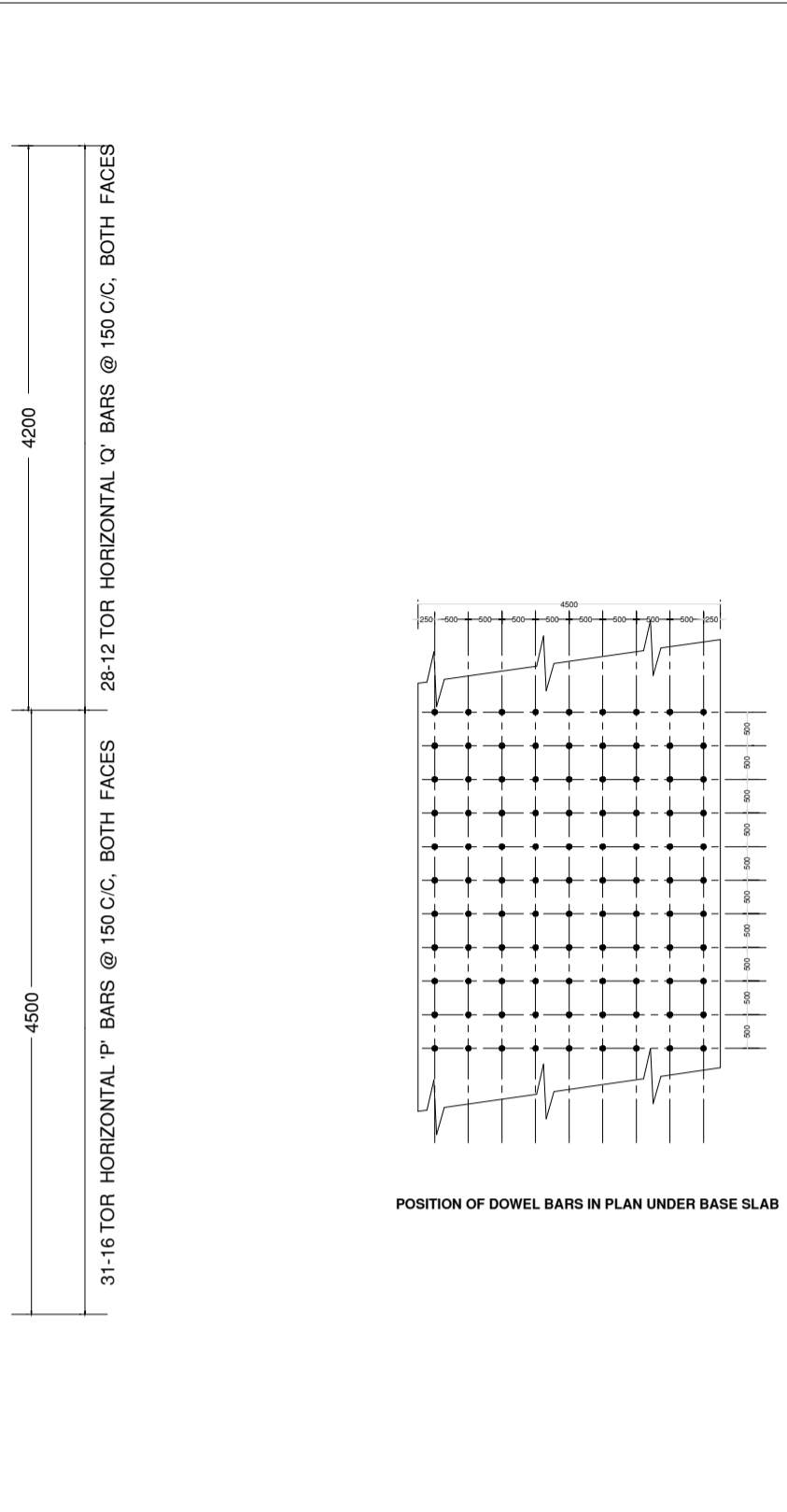
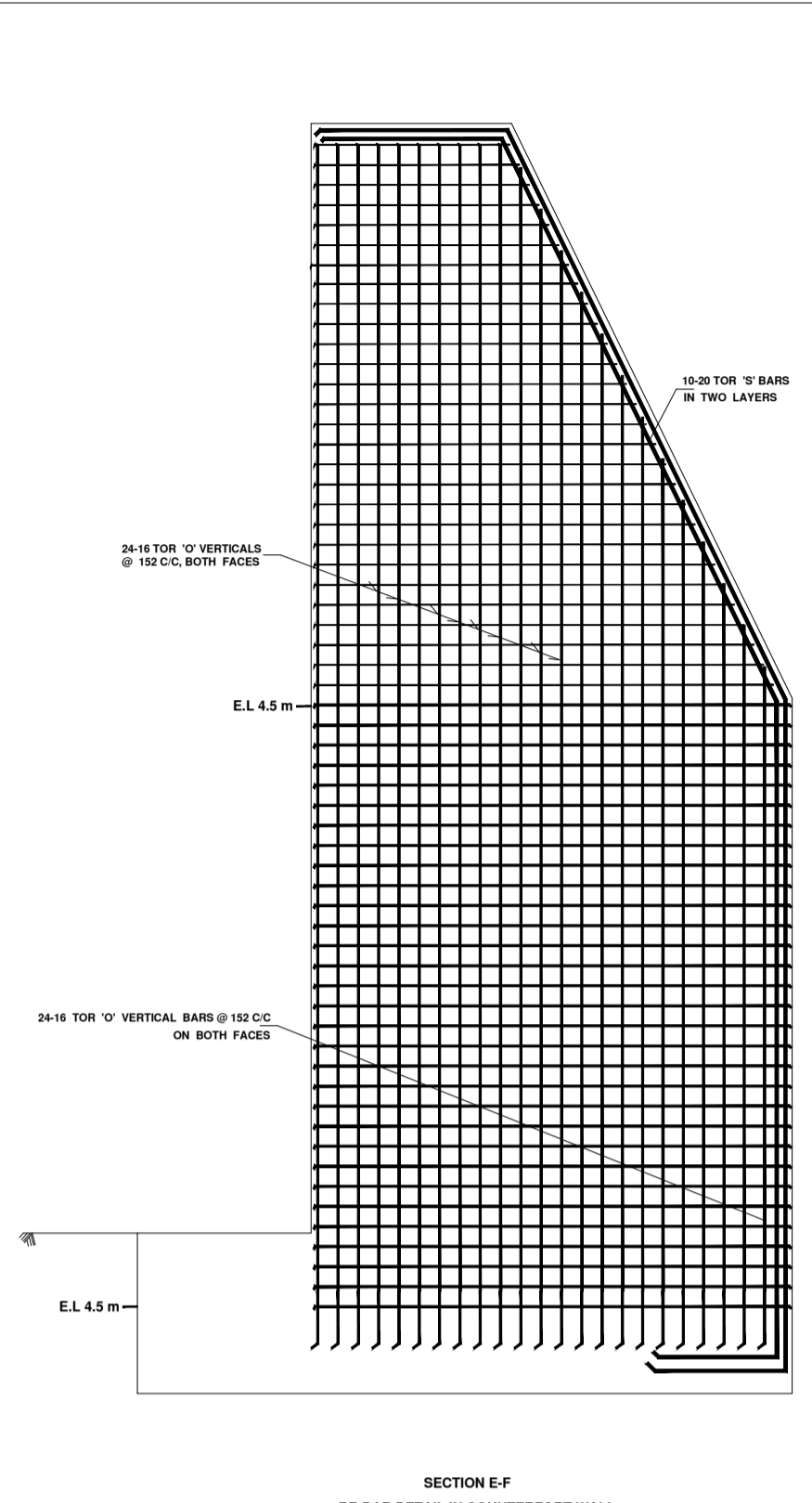
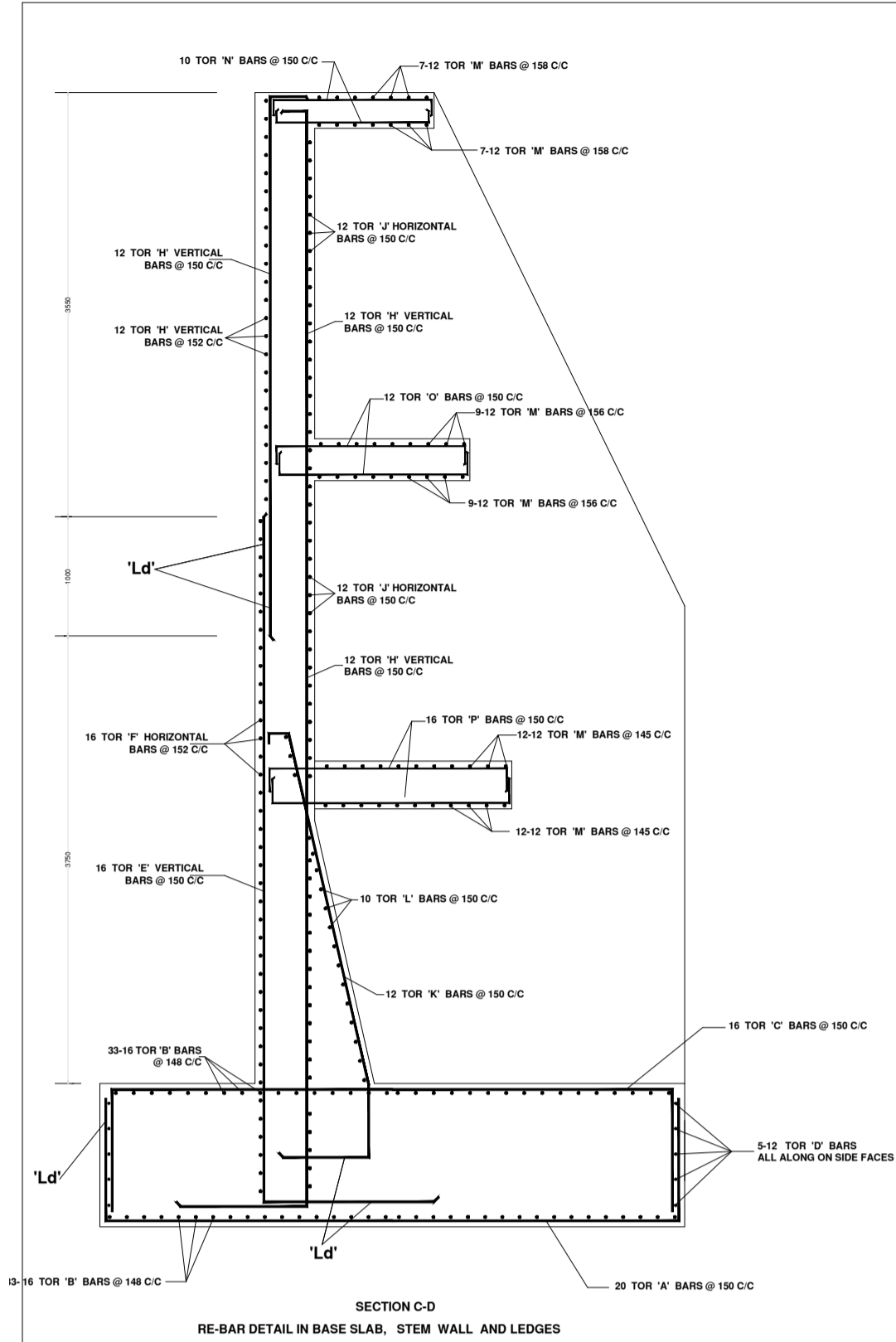
TRAINING WALL TYPE III (A)

TRAINING WALL TYPE III (B)

EXISTING R.C.C WALL

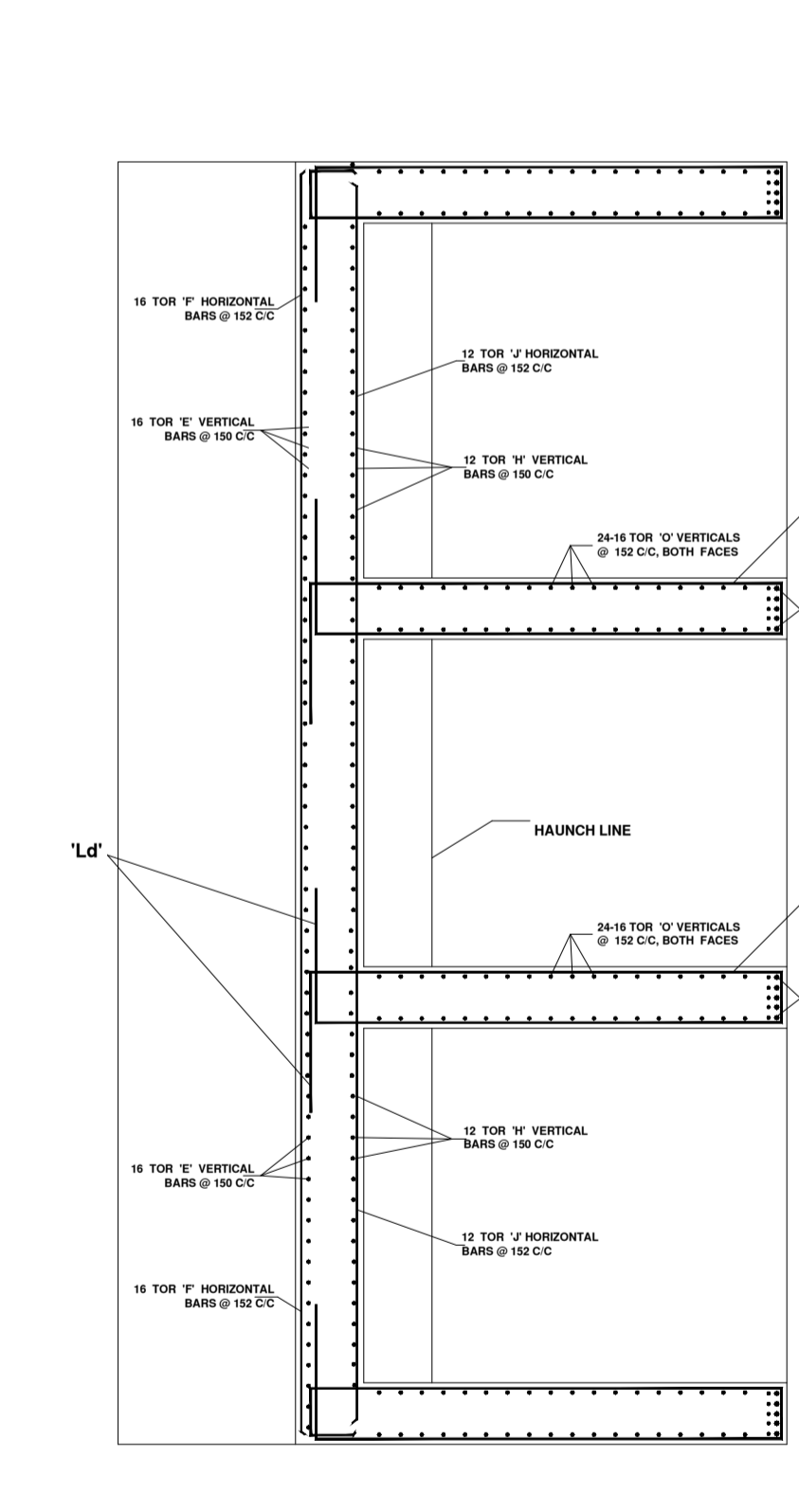
PROPOSED LAYOUT PLAN OF D/S TRAINING WALLS

ASSAM POWER GENERATION CORPORATION LTD.	
OFFICE OF THE CHIEF GENERAL MANAGER	
HYDRO & CIVIL ENGINEERING DIVISION	
RIVER TRAINING WORK AT LEFT BANK D/S OF HATELUB DAM/HEP	
PROPOSED LAYOUT PLAN OF D/S TRAINING WALLS	
Drawn by: A.J. MATH (M-22)	Approved by: R. BISHNOY (GM-102)
Disc. No. C/04/14/C/RIVER TRAINING WORK/2021/01	DATE: FEBRUARY, 2021



GENERAL NOTE FOR CONSTRUCTION

- ALL RCC WORK SHALL BE CAST WITH M20 GRADE OF CONCRETE (NOMINAL MIX OF 1:1.5:3)
- COARSE AGGREGATE OF 20 mm DOWN SIZE SHOULD BE USED IN CONCRETE MIX.
- CLEAR COVER TO REINFORCEMENT :
TO MAIN STEEL OF STEM WALL, COUNTER-FORT WALL AND BUTTRESS : 30 mm
TO MAIN STEEL OF SLAB BASE : 50 mm ON ALL SIDES .
- UNLESS AND OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm AND ONLY WRITTEN DIMENSIONS SHOULD BE FOLLOWED.(DIMENSIONS NOT TO SCALE.)
- IN ALL CONCRETE STRUCTURES, HOOK LENGTH OF CONCRETE REINFORCEMENT SHOULD BE ATLEAST 75mm.
- IN ALL CONCRETE STRUCTURES, CONNECTIONS OF RCC ELEMENTS SHOULD BE PROVIDED WITH DEVELOPMENT LENGTH (Ld) OF REINFORCEMENT WHICH IS ATLEAST 50 TIMES THE DIAMETER OF BAR.
- DISTRIBUTION BAR IN COUNTER FORT WALL SHALL BE 31-16# @150 C/C UP TO E.L. 4.5 m AND 28-12# @150 C/C REST.
- EACH DWEL SHALL BE EMBEDDED UP TO 1200 mm IN 25 mm Ø, 1220 mm DEEP HOLES WITH LOCKFIX P BONDING COMPOUND. EACH DWEL SHALL EXTEND TO 1000 m IN BASE SLAB.



SECTION A-B
RE-BAR DETAIL IN WALL STEM & COUNTERFORT WALL

ASSAM POWER GENERATION CORPORATION LTD.	
OFFICE OF THE CHIEF GENERAL MANAGER (HYDRO & CIVIL), BULLEE BHAWAN, GHY-01	
RIVER TRAINING WORK AT LEFT BANK DIS OF HATIDUBI DAM/KLHEP	
PLAN, ELEVATION SECTION AND REINFORCEMENT DETAIL OF TYPE I, R.C.C TRAINING WALL.	
DRAWN BY: A. SETHI (A/E-01)	APPROVED BY: A. BHASKAR (C.E.-02)
DRG. NO. CGM/HAC/RIVER TRAINING WORK/KLHEP/2021/04	
DATE: FEBRUARY, 2021	