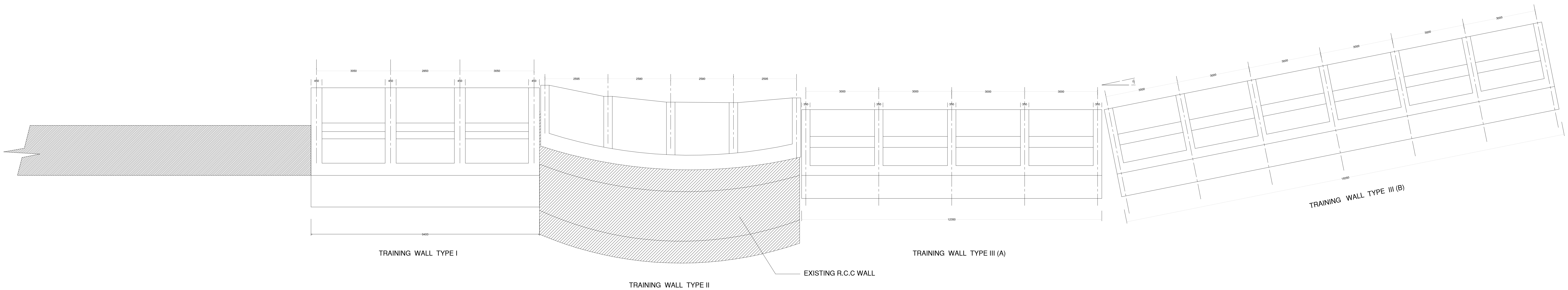
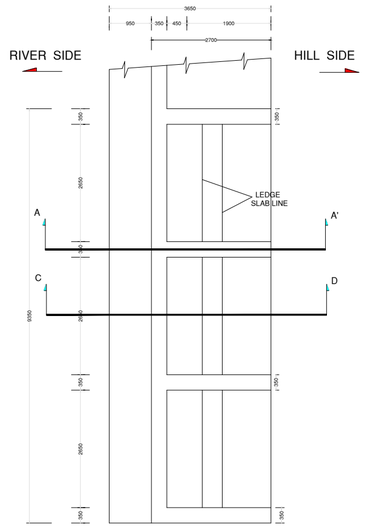
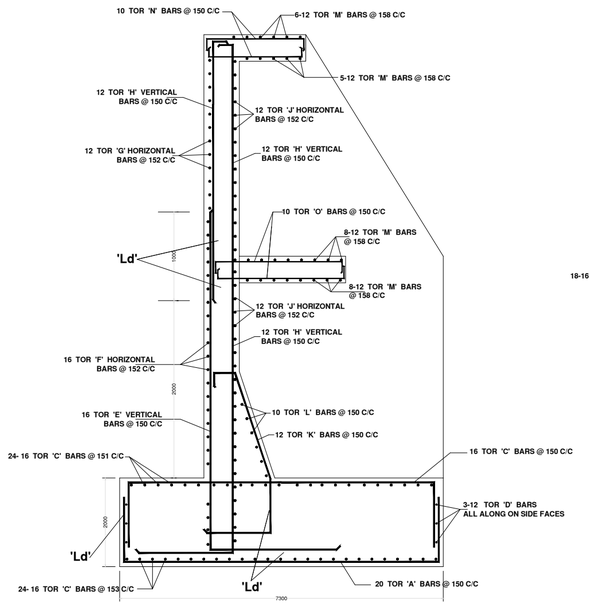


PROPOSED LAYOUT PLAN OF D/S TRAING WALLS

ASSAM POWER GENERATION CORPORATION LTD.	
OFFICE OF THE CHIEF GENERAL MANAGER (HYDRO & CIVIL), BIJULEE BHAWAN, GHY-01	
RIVER TRAINING WORK AT LEFT BANK D/S OF HATIDUBI DAM,KLHEP	
PROPOSED LAYOUT PLAN OF D/S TRAING WALLS	
DRAWN BY: K.J. NATH , J.M.(C)	APPROVED BY: R. BISWANATH, CGM (H&C)
DRG. NO. CGM(H&C)/RIVER TRAINING WORK/KLHEP/2021/01	
DATE	FEBRUARY, 2021

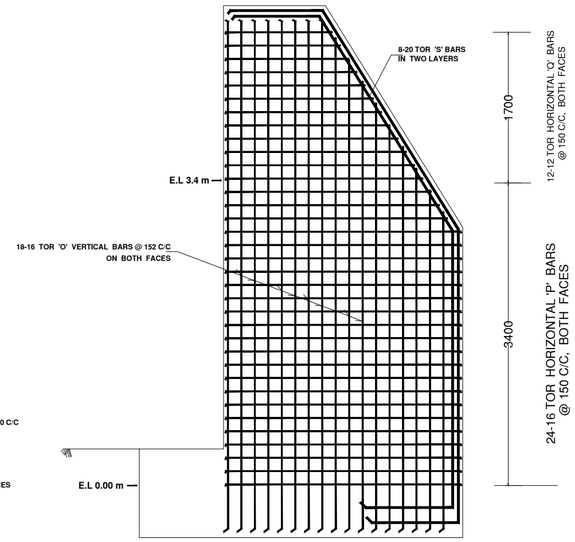


PLAN OF RETAING WALL



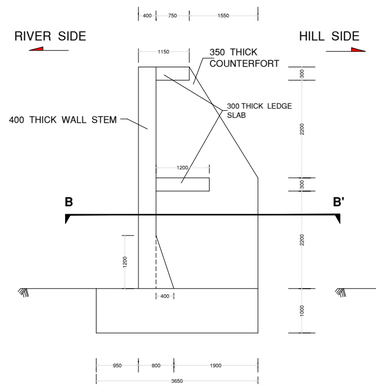
SECTION C-D

RE-BAR DETAIL IN BASE SLAB, STEM WALL AND LEDGES

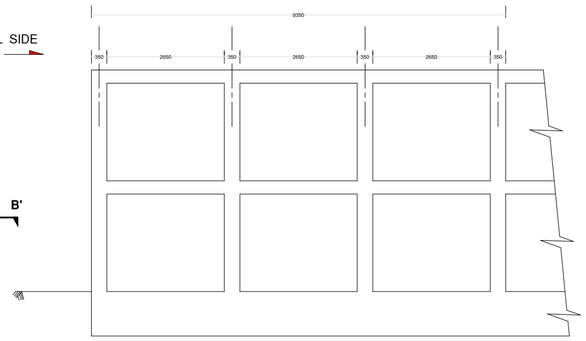


SECTION A-A'

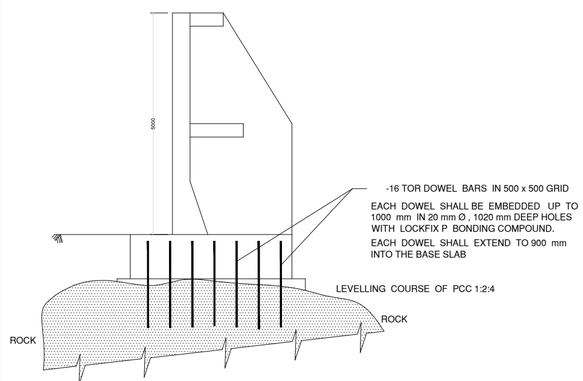
RE-BAR DETAIL IN COUNTERFORT WALL



SIDE ELEVATION



FRONT ELEVATION

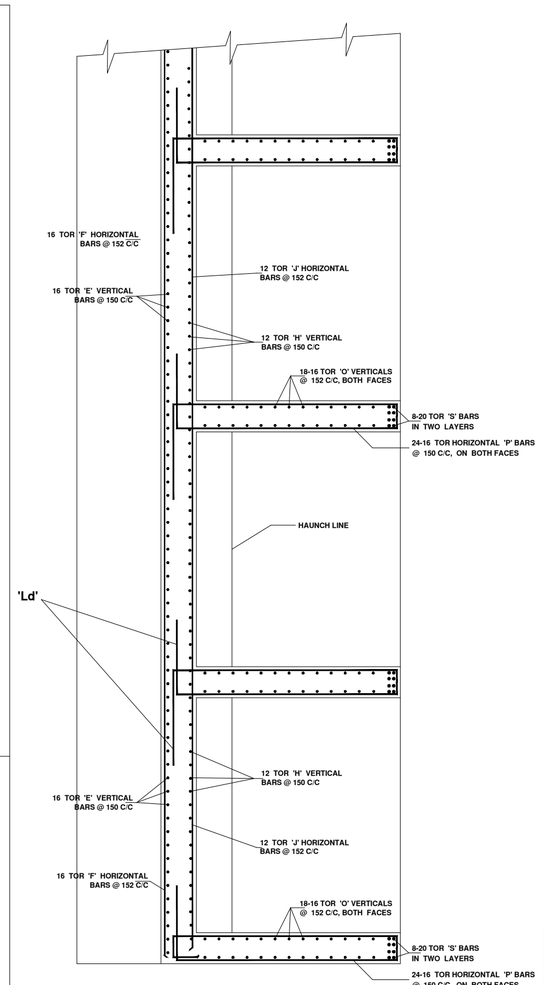


DOWEL BARS IN FOUNDATION

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, CONECTIONS OF RCC ELEMENTS SHOULD BE PROVIDED WITH DEVELOPMENT LENGTH (Ld) OF REINFORCEMENT WHICH IS ATLEAST 50 TIMES THE DIAMETER OF BAR.
- EACH DOWEL SHALL BE EMBEDDED UP TO 1000 mm IN 20 mm Ø , 1020 mm DEEP HOLES WITH LOCKFIX P BONDING COMPOUND.
- EACH DOWEL SHALL EXTEND TO 900 mm INTO THE BASE SLAB
- DISTRIBUTION BAR IN COUNTER FORT WALL SHALL BE 24-16# @150 C/C UP TO E.L 3.4 m AND 12-12# @150 C/C REST.



SECTION B-B'

RE-BAR DETAIL IN STEM WALL,COUNTERFORT WALL

ASSAM POWER GENERATION CORPORATION LTD.	
OFFICE OF THE CHIEF GENERAL MANAGER (HYDRO & CIVIL), BIJULEE BHAWAN, GHY-01	
RIVER TRAINING WORK AT LEFT BANK D/S OF HATIDUBI DAM,KLHEP.	
PLAN, ELEVATION,SECTION AND REINFORCEMENT DETAIL OF TYPE III (A) R.C.C TRAINING WALL	
DRAWN BY: K.J. NATH , J.M.(C)	APPROVED BY: S. BISWANATH, CGM (H&C)
DRG. NO. CGM(H&C)/RIVER TRAINING WORK/KLHEP/2021/03	
DATE	FEBRUARY, 2021