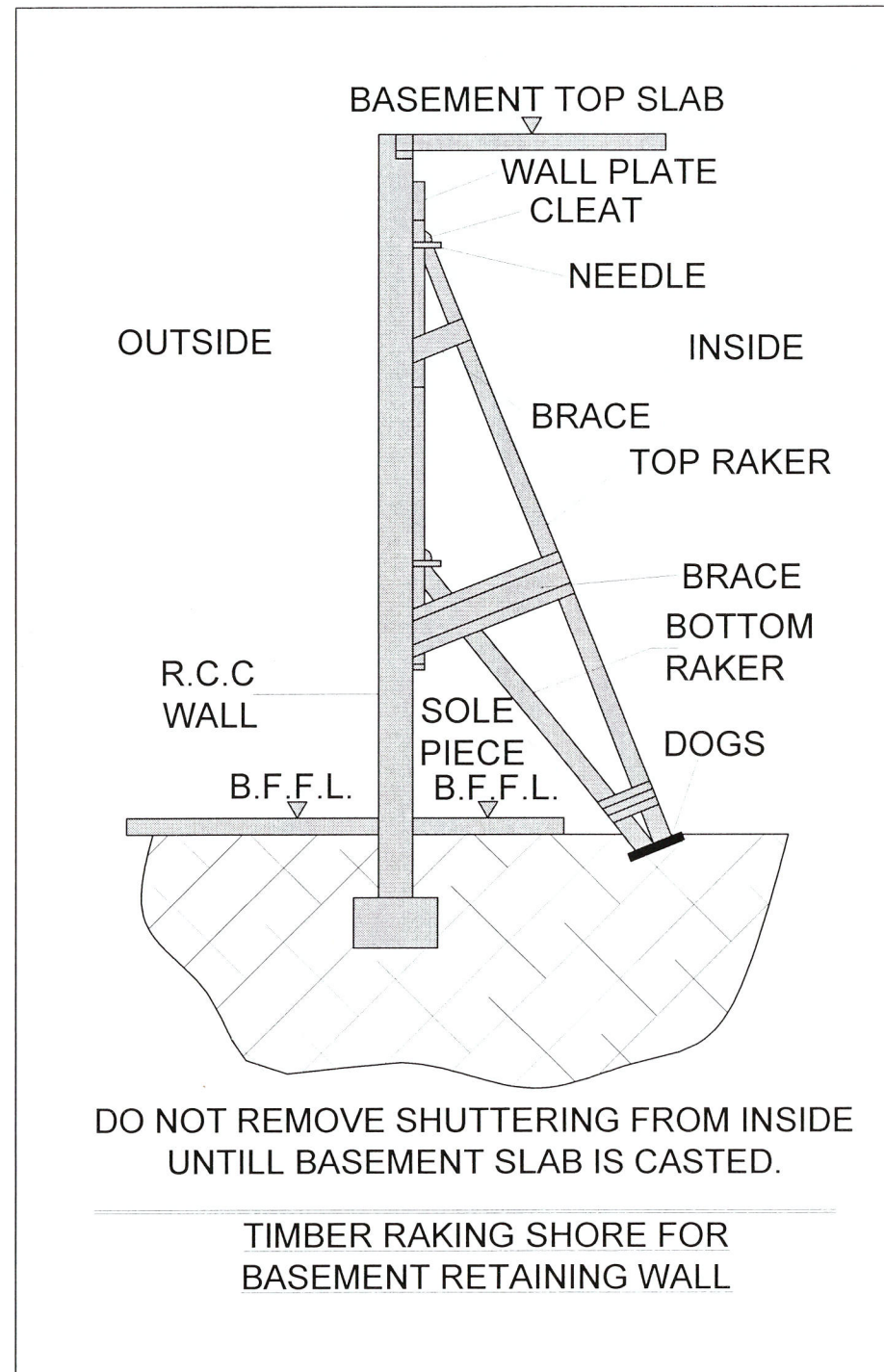


RETAINING WALL FOUNDATION SECTION:-1-1

DETAIL OF RETAINING WALL



TIMBER RAKING SHORE FOR BASEMENT RETAINING WALL

NOTES:- IF WATER IS ENCOUNTERED DURING EXCAVATION THEN PROVIDE 150mm THK. COMPACTED RUBBLE SOILING BELOW P.C.C.

CONCRETE GRADE	
ITEM	GRADE
COLUMN	M:35
FOOTING	M:35
RETAINING WALL	M:35
SHEAR WALL	M:35
USE STEEL GRADE Fe 500D	



*Handwritten signature/initials*

For ZARNA ASSOCIATES  
Structural Consultants  
Dr. V. R. PATEL  
Ph.D. (Str. Engg.) M.E. (Str.) B.E. (Civil)

- NOTES:-
- PLEASE CHECK CENTER LINE AS PER ARCH. DRG. BEFORE STARTING WORK.
  - IF ANY AMBIGUITY FOUND CONTACT STRUCTURE ENGG. IMMEDIATELY BEFORE STARTING WORK.
  - FOLLOW ONLY ARCHITECTURAL DIMENSIONS.
  - STRUCTURE ENGINEER IS NOT RESPONSIBLE IF ANY ACCIDENT OCCURS ON SITE DUE TO CONSTRUCTION FAULTS.
  - BOTTOM OF FOOTING SHOULD NOT BE ON FILLED UP SOIL. IF FILLED UP SOIL IS FOUND PLEASE INFORM STRUCTURE ENGINEER BEFORE START EXECUTION.
  - DO NOT EXCAVATE RAMP UNTILL BASEMENT SLAB IS CASTED.
  - PROVIDE DEPTH OF THE FOOTING FOR LIFT AS PER LIFT MANUFACTURER.
  - DO NOT PROVIDE PEDESTAL IN LIFT COLUMN ONLY.
  - PROVIDE FOOTING ADJOINING TO LIFT AT THE SAME LEVEL OF LIFT FOUNDATION.
  - DO NOT BACKFILL THE SOIL ON BACK SIDE OF RETAINING WALL UNTILL BASEMENT SLAB IS CASTED.
  - PROVIDE PLASTER ON BOTHSIDE OF WALL WITH WATER PROOFING ADMIXTURE
  - TAKE ALL PRECAUTION DURING CONSTRUCTION OF BASEMENT SO THAT SIDE BUILDING FOUNDATION SHOULD NOT GET DAMAGED/OPENED.
  - DO NOT EXCAVATE RAMP WITHOUT CONSULTING STRUCTURE ENGINEER.
  - EXCAVATION OF RAMP SHOULD BE DONE AS-PER SLOPE OF RAMP. DO NOT EXCAVATE ENTIRE RAMP UPTO FULL DEPTH.
  - EXCAVATION MUST BE DONE IN NATURAL SLOPE. i.e AT AN ANGLE OF 30° WITH VERTICAL.
- 16: THIS STRUCTURE DRAWING IS BASED ON ARCH.DRG SENT BY MAIL ON DATE :- 14-09-2023.

- TAKE FOLLOWING PRECAUTION BEFORE STARTING EXCAVATION OF ECCENTRIC FOOTING/ADJOINING TO OTHER PROPERTY.
- PROVIDE VERTICAL SHEET PILE & SHORING.
  - PROP UP (SUPPORT) THE BOTH SIDE BUILDING VERTICALLY AND HORIZONTALLY.
  - EXCAVATE ONE FOOTING. CAST & FILL UP IT FIRST. THEN EXCAVATE ANOTHER FOOTING & FILL IT. THUS EXCAVATE & CAST FOOTING ONE BY ONE. (STAGGERED MANNER ON BOTH SIDE)
  - STRUCTURAL ENGINEER IS NOT RESPONSIBLE IF ANY ACCIDENT OCCURS TO THE ADJOINING PROPERTY ON SITE DUE TO CONSTRUCTION PROBLEM.
  - TAKE ALL PRECAUTION DURING CONSTRUCTION OF BASEMENT SO THAT SIDE BUILDING FOUNDATION SHOULD NOT GET DAMAGED/OPENED.
  - DO NOT EXCAVATE ENTIRE BASEMENT AT A TIME. EXCAVATE ONLY 8'-0" & CAST RETAINING WALL STAGE BY STAGE IN 8'-0" LENGTH WISE.

PROJECT NAME:-	
SBI CORPORATE OFFICE	
ARCHITECT:	
MAMTA SHAH	
STRUCTURAL CONSULTANT:	
ZARNA ASSOCIATES STRUCTURAL CONSULTING ENGINEER 910-915. Samanvay Silver Appartment, Mujmahada Crossing, Besides Royal Orchid Hotel, Akota Road, Vadodra 390020. Tele. ph. / mo. no. :- +91 92276-27339/40 +9183474-13334 to 39. E - Mail :- zarnaasso@yahoo.com	
APPROVED BY:	VRP
CHECKED BY:	RISHVA
DRAWN BY:	ISHAQ KHAN
DATE:	07-10-2023
PROJECT NO. :	401/17
DRAWING TITLE: DETAIL OF RETAINING WALL	
DRG NO : 07	
SCALE: N.T.S.	SHEET: A3
	N

SERVER /Z/2019/MAMTA SHAH/SBI CORPORATE OFFICE/STR DRG/01 COLUMN FOOTING.