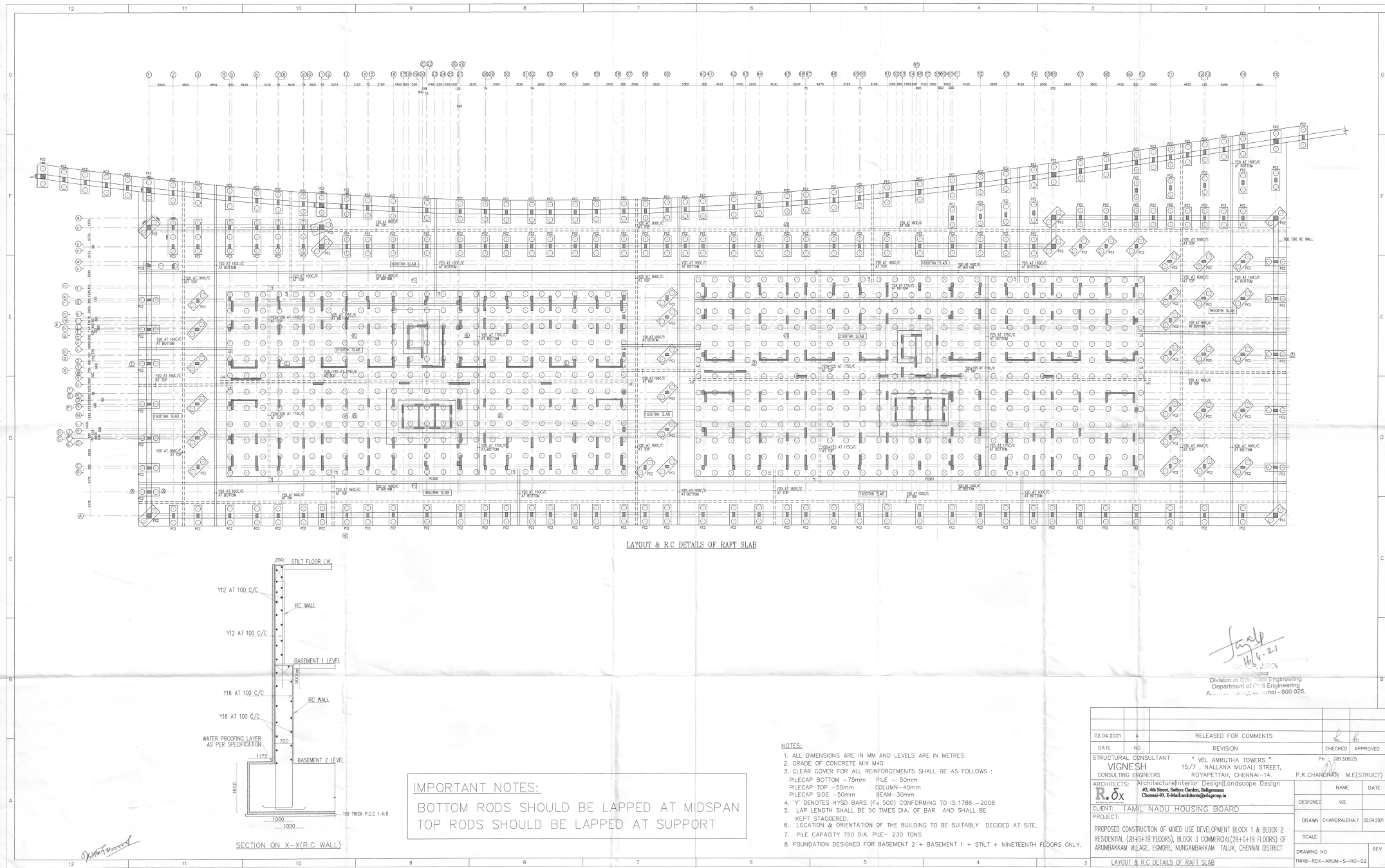
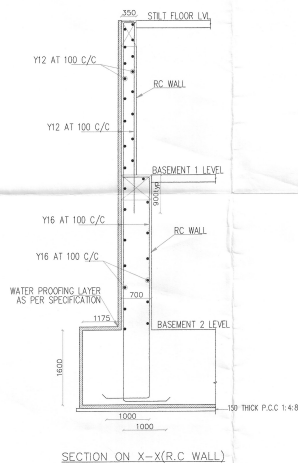




LAYOUT & R.C DETAILS OF RAFT SLAB



SECTION ON X-X(R.C WALL)

IMPORTANT NOTES:

BOTTOM RODS SHOULD BE LAPPED AT MIDSPAN
TOP RODS SHOULD BE LAPPED AT SUPPORT

NOTES:

1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METRES.
2. GRADE OF CONCRETE MIX M40
3. CLEAR COVER FOR ALL REINFORCEMENTS SHALL BE AS FOLLOWS :
PILECAP BOTTOM - 75mm PILE - 50mm
PILECAP TOP - 50mm COLUMN - 40mm
PILECAP SIDE - 50mm BEAM - 30mm
4. "Y" DENOTES HYSD BARS (F4 500) CONFORMING TO IS:1786 - 2008
5. LAP LENGTH SHALL BE 50 TIMES DIA. OF BAR AND SHALL BE KEPT STAGGERED.
6. LOCATION & ORIENTATION OF THE BUILDING TO BE SUITABLY DECIDED AT SITE.
7. PILE CAPACITY 750 TON. PILE - 230 TONS
8. FOUNDATION DESIGNED FOR BASEMENT 2 + BASEMENT 1 + STILT + NINETEENTH FLOORS ONLY.

Signature
16/4/21
Division of Structural Engineering
Department of Civil Engineering
Anna University, Chennai - 600 025.

02.04.2021	A	RELEASED FOR COMMENTS	2	6
DATE	NO	REVISION	CHECKED	APPROVED
STRUCTURAL CONSULTANT	"VEL AMRUTHA TOWERS"	15/7, NALLANA MUDALI STREET, ROYAPETTAH, CHENNAI-14.	P.K.CHANDRAN	M.E.(STRUCT)
CONSULTING ENGINEERS	VIGNESH	ARCHITECTS: Architectural Interior Design Landscape Design		
CLIENT:	TAMIL NADU HOUSING BOARD	PROJECT:		
DESIGNED	VCE	NAME	DATE	
DRAWN	CHANDRALEKHA.T	SCALE		
DRAWING NO	THNB-RDX-ARUM-S-NO-02	REV		
LAYOUT & R.C DETAILS OF RAFT SLAB				