

FOR CONSTRUCTION

NOTE / NOTA:

CLIENT / KLIEN:

AMENDMENTS / PERUBAHAN:

REV. NO.	AMENDMENTS	DATE
0	1ST ISSUE	04/04/2018
1	REVISED AS PER ARCHITECTURAL DRAWING	15/05/2018

PROJECT TITLE / TAJUK PROJEK:

PERMOHONAN KELULUSAN PELAN BANGUNAN BAGI CADANGAN PEMBANGUNAN KILANG PENGELUARAN KOMPONEN KAPAL TERBANG YANG MENGANDUNGI:
 i) 1 UNIT KILANG 1-TINGKAT DENGAN PEJABAT 3-TINGKAT DAN 3-TINGKAT BANGUNAN UTILITI
 ii) 1 UNIT PONDOK PENGAWAL
 iii) 1 UNIT DEPO SAMPAH
 iv) 1 UNIT "FIRE PUMP ROOM"
 v) 1 UNIT PENCAWANG ELEKTRIK
 vi) 1 UNIT "ELEVATED WATER TANK"

DI ATAS SEBAHAGIAN LOT 1210, MUKIM DAMANSARA, SEKSYEN U3, DAERAH PETALING, 40150, SHAH ALAM, SELANGOR DARUL EHSAN.

UNTUK TETUAN :
 RHB TRUSTEES BERHAD
 (AS Trustee for Axis Real Estate Investment Trust)

CONSULTANT / PERUNDING:

WK & PARTNERS
 CONSULT SDN BHD (860099-0)
 No. C-8-1, Putra Walk, Jalan PP 25, Taman Pfngrgan Putra, 43300, Seri Kembangan, Selangor
 E: wkpc@wkpc.com T: +603 8959 7022 W: www.wkpc.com

DRAWING TITLE / TAJUK LUKISAN:

TNB SUBSTATION
 PILING, GROUND FLOOR
 LAYOUT & DETAILS

CHECKED BY / DISEMAK OLEH: LCT

DESIGNED BY / DIREKA OLEH: MSH

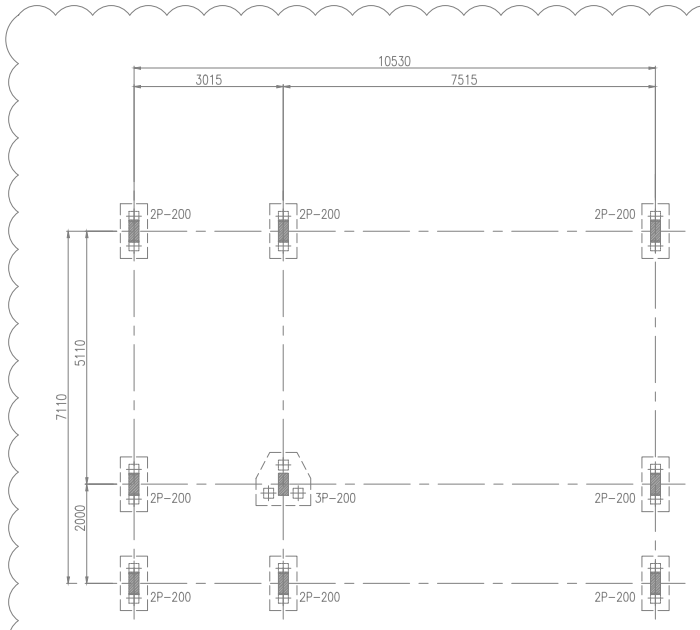
DRAWN BY / DILUKIS OLEH: MZK/HA

SCALE / SKALA: AS SHOWN

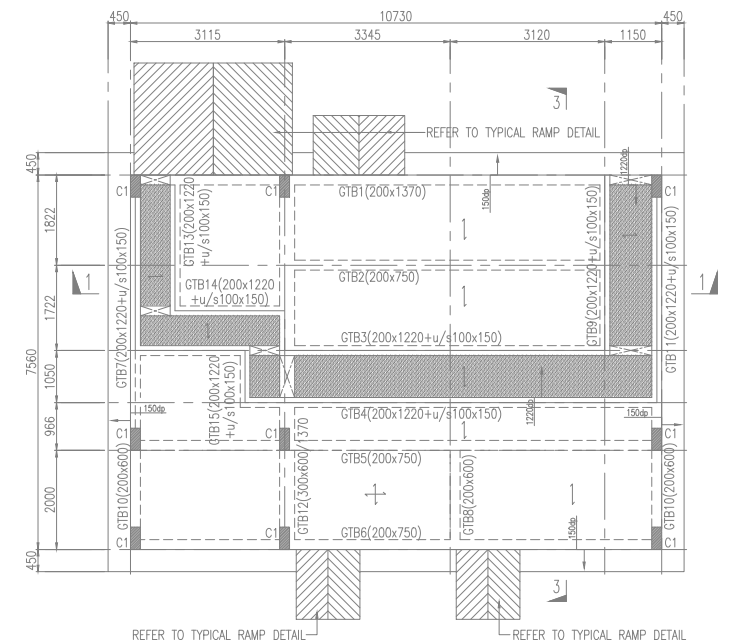
DATE / TARIKH: 04/04/2018

DRAWING NO. / NO. LUKISAN: 1708-STR-SSU-LP-001

REV. NO.: 1

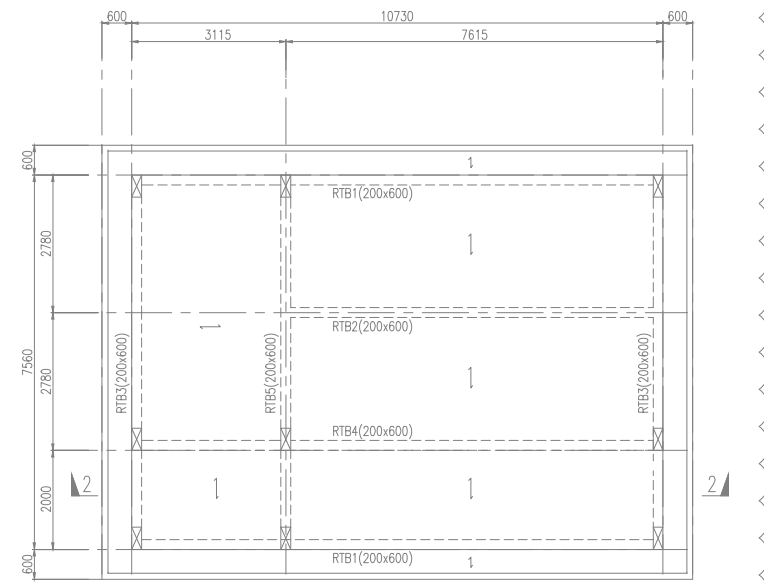


PILING LAYOUT
 SCALE 1:75



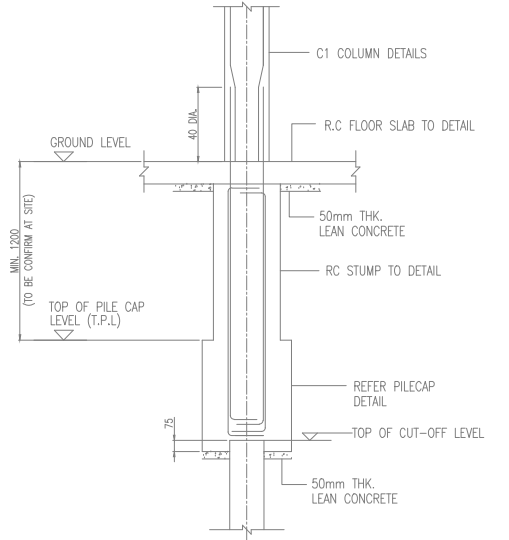
GROUND FLOOR LAYOUT
 SCALE 1:75

NOTE:
 1. DENOTES DROP AREA
 2. ALL SLAB SHALL BE 150mm THK. U.O.S.

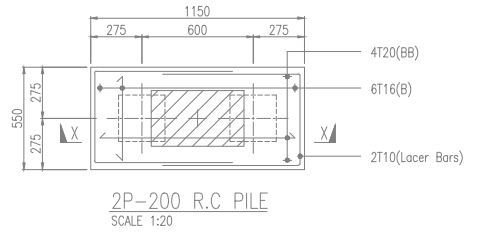


ROOF LAYOUT
 SCALE 1:75

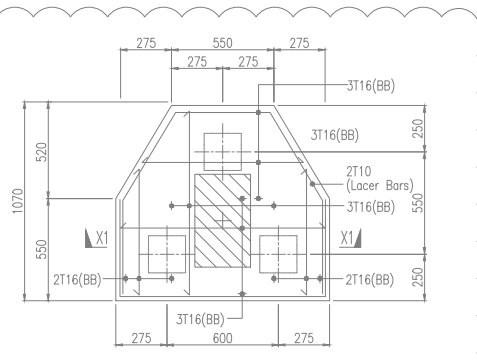
NOTE:
 1. ALL SLAB SHALL BE 150mm THK. U.O.S.



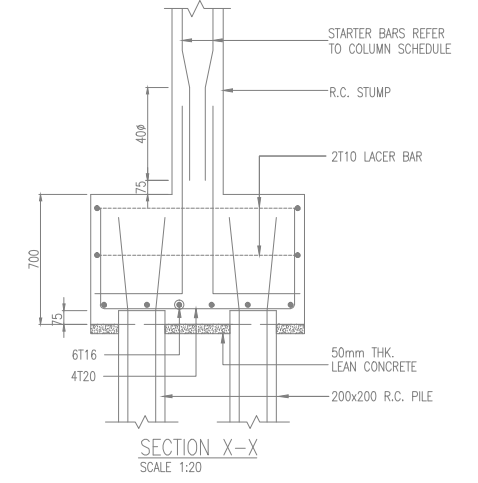
TYPICAL PILECAP DETAILS
 SCALE 1:25



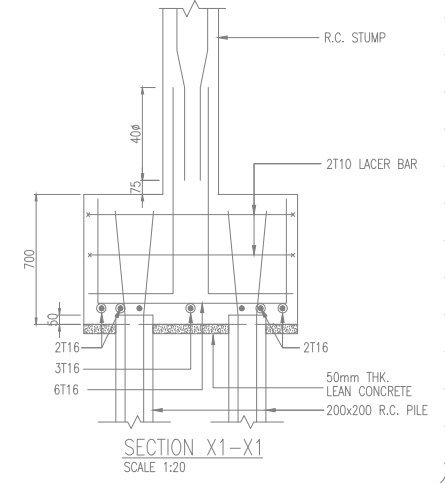
2P-200 R.C. PILE
 SCALE 1:20



3P-200 R.C. PILE
 SCALE 1:20



SECTION X-X
 SCALE 1:20

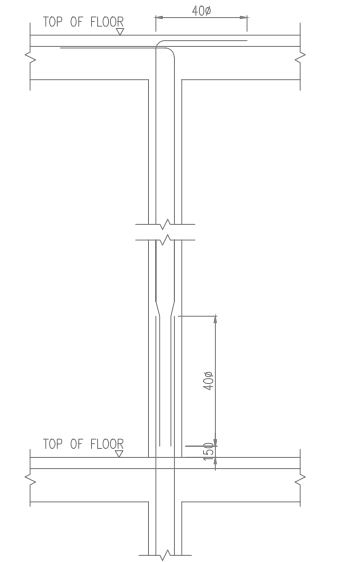


SECTION X1-X1
 SCALE 1:20

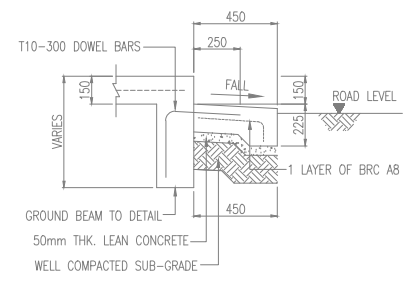
ROOF FLOOR TO GROUND FLOOR	
MAIN BAR	6T20
LINKS	R6-200 + R6-200 HOOK
COL. SIZE	200x450
CONC. GRADE	35

GROUND FLOOR TO STUMP	
MAIN BAR	6T20
LINKS	R6-200 + R6-200 HOOK
COL. SIZE	200x450
CONC. GRADE	35

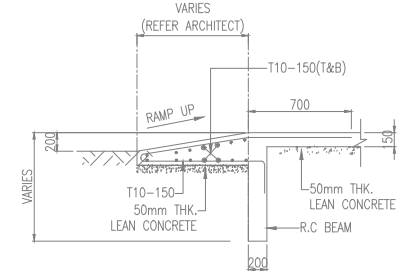
COLUMN SCHEDULE
 SCALE 1:25



TYPICAL SPLICING DETAIL FOR COLUMN
 SCALE 1:50



TYPICAL NON-SUSPENDED APRON DETAIL
 SCALE 1:20



TYPICAL RAMP DETAIL
 SCALE 1:40

- NOTES:
- ALL DIMENSION ARE IN MILLIMETERS.
 - UNLESS OTHERWISE STATED, THE CHARACTERISTIC STRENGTH OF CONCRETE SHALL BE 35N/mm² AT 28 DAY. MAXIMUM AGGREGATE SIZE SHALL BE 20mm.
 - ALL STRUCTURAL DRAWINGS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL AND M&E DRAWINGS.
 - YIELD STRESSES FOR REINFORCED STEEL BARS SHALL BE AS FOLLOWS:
 HIGH YIELD STEEL, T.....460 N/mm²
 MILD STEEL, R.....250 N/mm²
 STEEL FABRIC.....485 N/mm²
 - UNLESS OTHERWISE STATED, CONCRETE COVER TO ALL REINFORCEMENT BARS SHALL BE AS FOLLOWS:
 (NOT CONTACT WITH GROUND) (CONTACT WITH GROUND)
 SLAB & WALL : 25mm SLAB, BEAM, & WALL : 40mm
 BEAM : 30mm PILECAP & FOOTING : 50mm
 STAIRCASE : 25mm
 - UNLESS STATED OTHERWISE, ALL LAP LENGTH SHALL BE 52 DIA. RELEVANT ANCHORAGE LENGTHS SHALL BE 40 DIA. FOR TENSILE AND 32 DIA. FOR COMPRESSION.
 - ALL SLAB THICKNESS TO BE 150mm U.O.S.
 - SAFE WORKING LOAD (SWL) OF PILE SHALL BE :
 200 SQ. R.C PILE = 450 kN