

NOTES:

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NO.	REVISION	DATE

PROJECT: THINADHOO CITY COUNCIL MCH BUILDING

DISCIPLINE:

- ☐ ARCHITECTURAL DESIGN
- ☒ STRUCTURAL DESIGN
- ☐ INTERIOR DESIGN
- ☐ SERVICES DESIGN

PHASE:

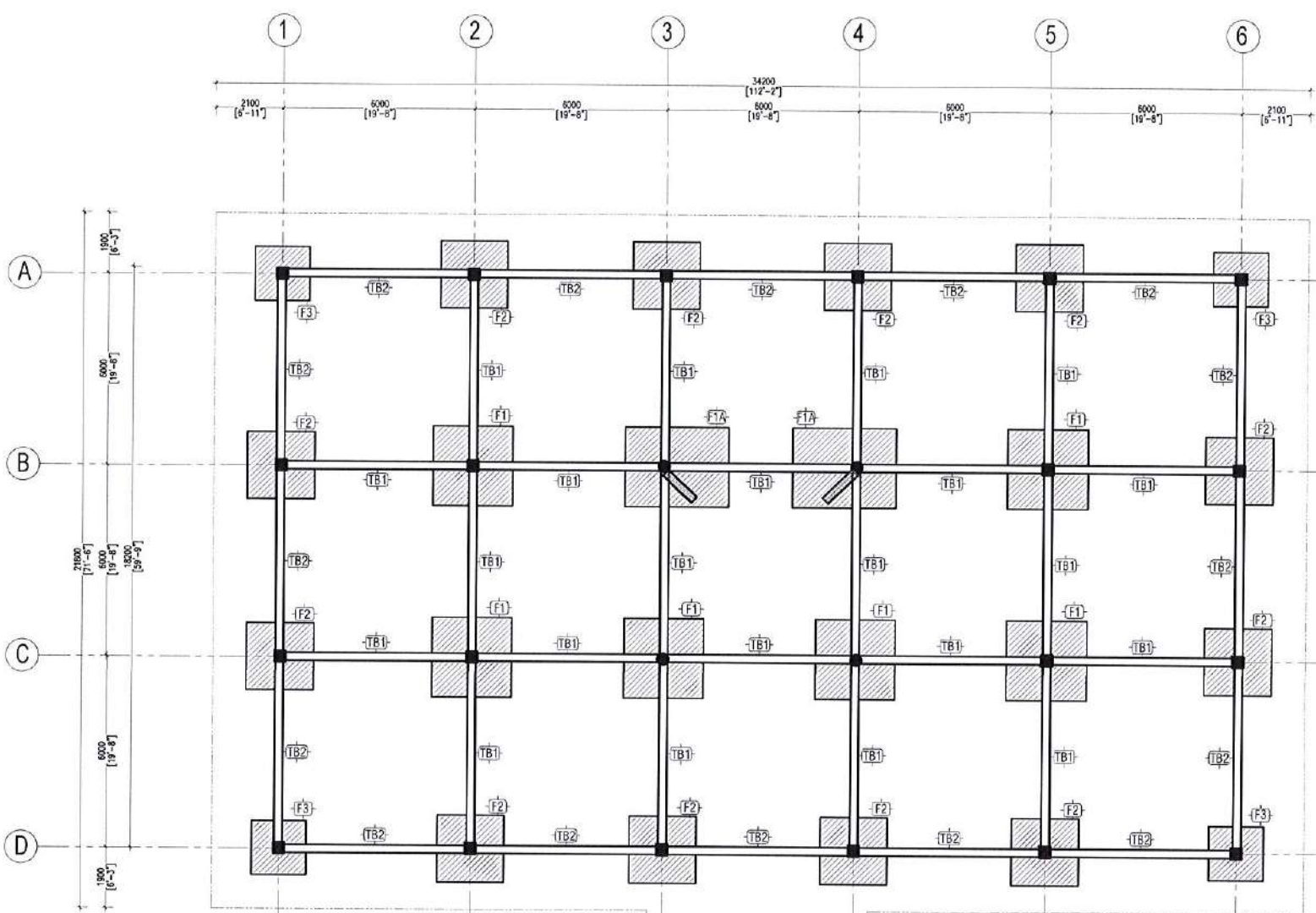
- ☐ CONCEPTUAL DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ BUILDING APPROVAL
- ☒ CONSTRUCTION DOCUMENTATION
- ☐ AS-BUILT DRAWINGS

DESIGNATION	NAME
DESIGNER	INSIDE PLUS
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CONTENTS: AS GIVEN

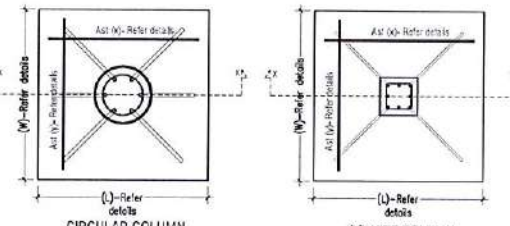
CODE: S - 02 - 0	SHEET NO.: 05 MAY 2024	REVISION:
SCALE: AS GIVEN	DATE: 05 MAY 2024	ISSUE DATE:
FORMAT: A3	ISSUE DATE:	FILE NAME:



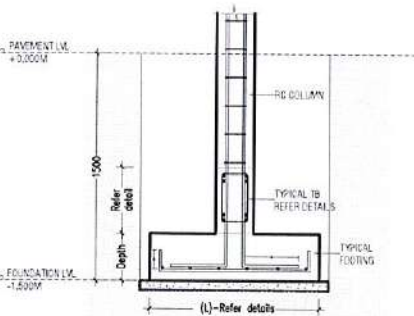
NOTE: 250MM TK MASONRY WALL WILL START FROM EACH TIE BEAM TO BOTTOM LEVEL

NO	DIMENSION	ASY (X) BOTTOM	ASY (Y) BOTTOM
F1	2500x6500x450MM	T12 @150	T12 @150
F1A	3250x2500x450MM	T12 @150	T12 @150
F2	2100x6100x450MM	T12 @150	T12 @150
F3	1700x7100x450MM	T12 @150	T12 @150

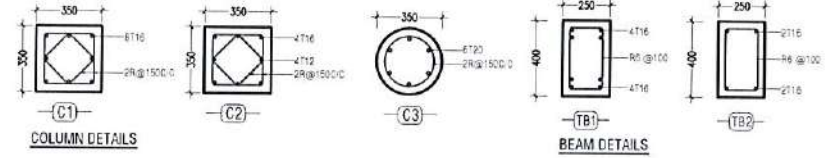
FOOTING SCHEDULE



CIRCULAR COLUMN TYPICAL FOOTING RE-BAR DETAILS
SQUARE COLUMN TYPICAL FOOTING RE-BAR DETAILS



TYPICAL SECTION VIEW



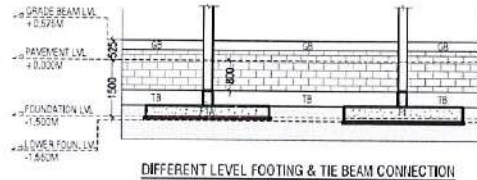
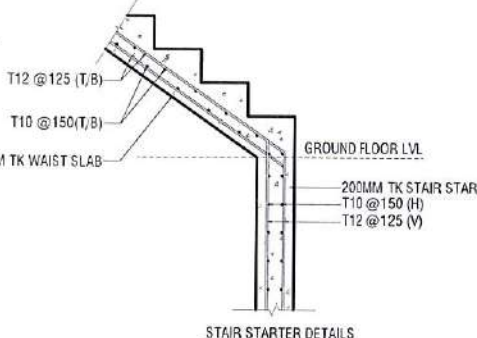
COLUMN DETAILS

BEAM DETAILS

STRUCTURAL NOTES

FOUNDATION DEPTH = 1500MM
FOOTING THICKNESS = REFER DETAILS
LEAN CONCRETE = 50MM TK
UNDERLAY POLYTHENE SHEET 500 GAUGE
COVER TO FOUNDATION = 50MM
COVER TO COLUMNS/TIE = 40MM
LAP = 45x ϕ (ϕ - Diameter of Rebar)
CONCRETE STRENGTH = C25
STEEL GRADE = Fy450 & Fy250
ALL THE MEASUREMENTS ARE IN 'MM'

Ministry of National Planning, Housing & Infrastructure
ACCREDITED CHECKER
STRUCTURAL CHECKER A1
Name: Mohamed Muththalib Waleed VALIDITY: 23.09.23 - 11.09.25
Accredited No: BPR2023042A1 A1-2023-042-001



Ministry of National Planning, Housing & Infrastructure
ACCREDITED CHECKER
ARCHITECTURAL CHECKER B1
Name: Saeed Adam VALIDITY: 13.11.23 - 12.11.25
Accredited No: BPR2023046B1 B1-2023-046-001



FOUNDATION LAYOUT
[CITY COUNCIL BUILDING - GDH, THINADHOO]
SCALE 1:200