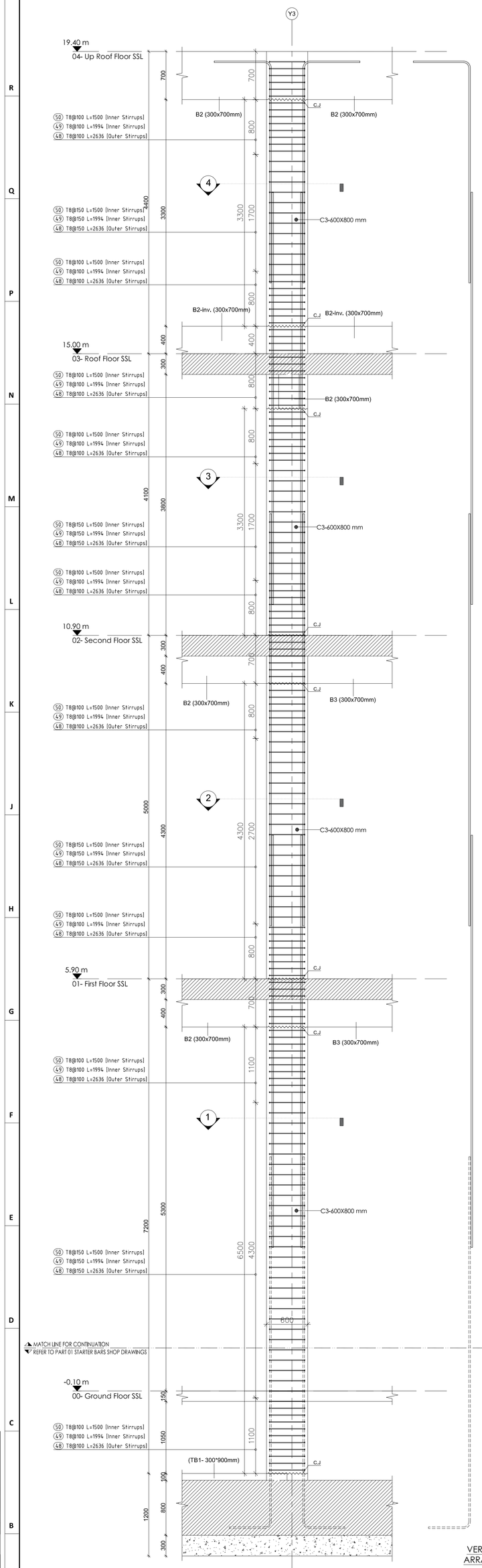
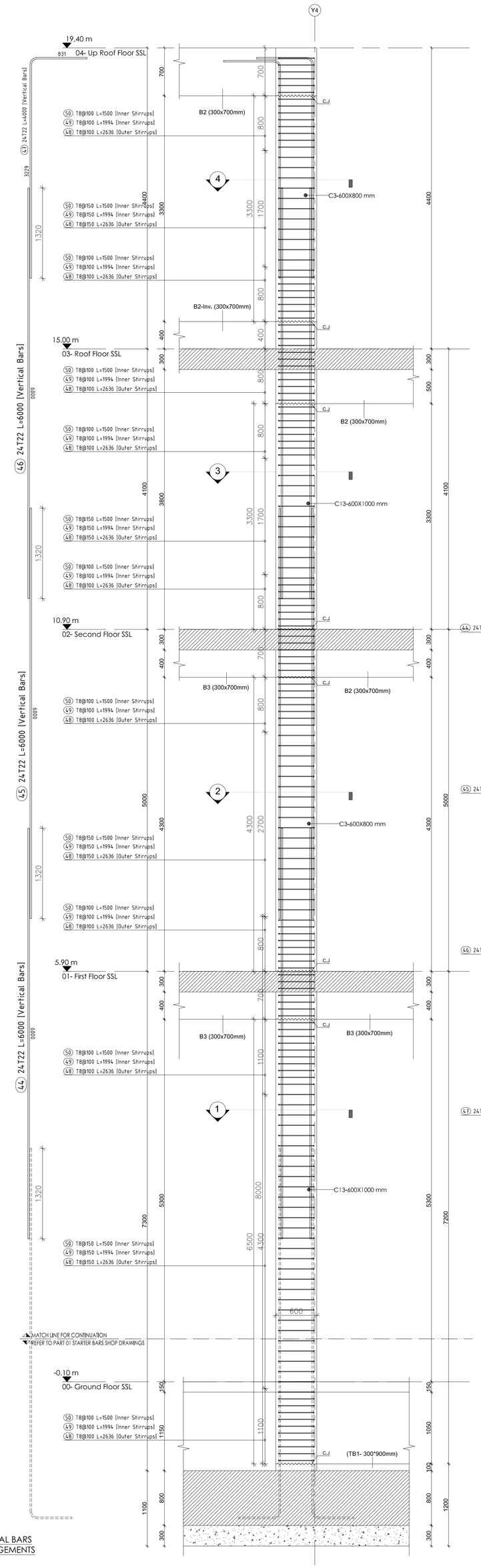


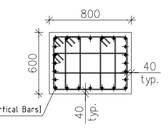
COLUMN - C3
DETAIL 01
ELEVATION SECTION (A-A)
NO. OF COLUMN - 01
SCALE 1 : 25

VERTICAL BARS ARRANGEMENTS

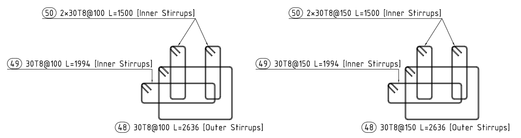


COLUMN - C3
DETAIL 01
ELEVATION SECTION (B-B)
NO. OF COLUMN - 01
SCALE 1 : 25

COLUMN SCHEDULE					
COLUMN TYPE	X-AXIS	Y-AXIS	PART NUMBER	DETAIL NUMBER	COL. NUMBERS
C3 (600 X 800) MM	ALONG - X7	ALONG - Y3	PART 01	DETAIL 01	N = 1
C3 (600 X 800) MM	ALONG - X7	ALONG - Y4	PART 01	DETAIL 01	N = 1

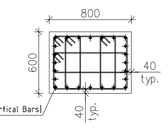


COLUMN C3 (600 X 800)
SECTION 1-1

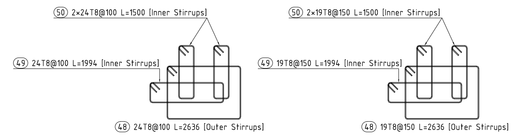


STIRRUPS DISTRIBUTION @100 mm

STIRRUPS DISTRIBUTION @150 mm

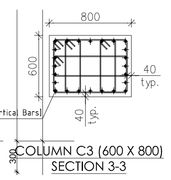


COLUMN C3 (600 X 800)
SECTION 2-2

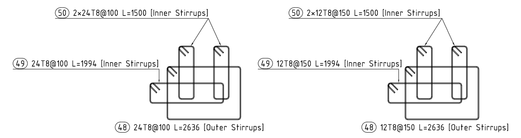


STIRRUPS DISTRIBUTION @100 mm

STIRRUPS DISTRIBUTION @150 mm

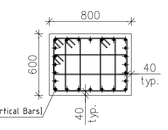


COLUMN C3 (600 X 800)
SECTION 3-3

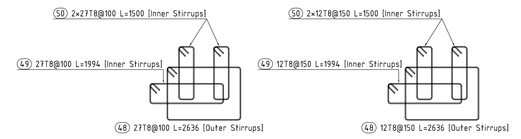


STIRRUPS DISTRIBUTION @100 mm

STIRRUPS DISTRIBUTION @150 mm

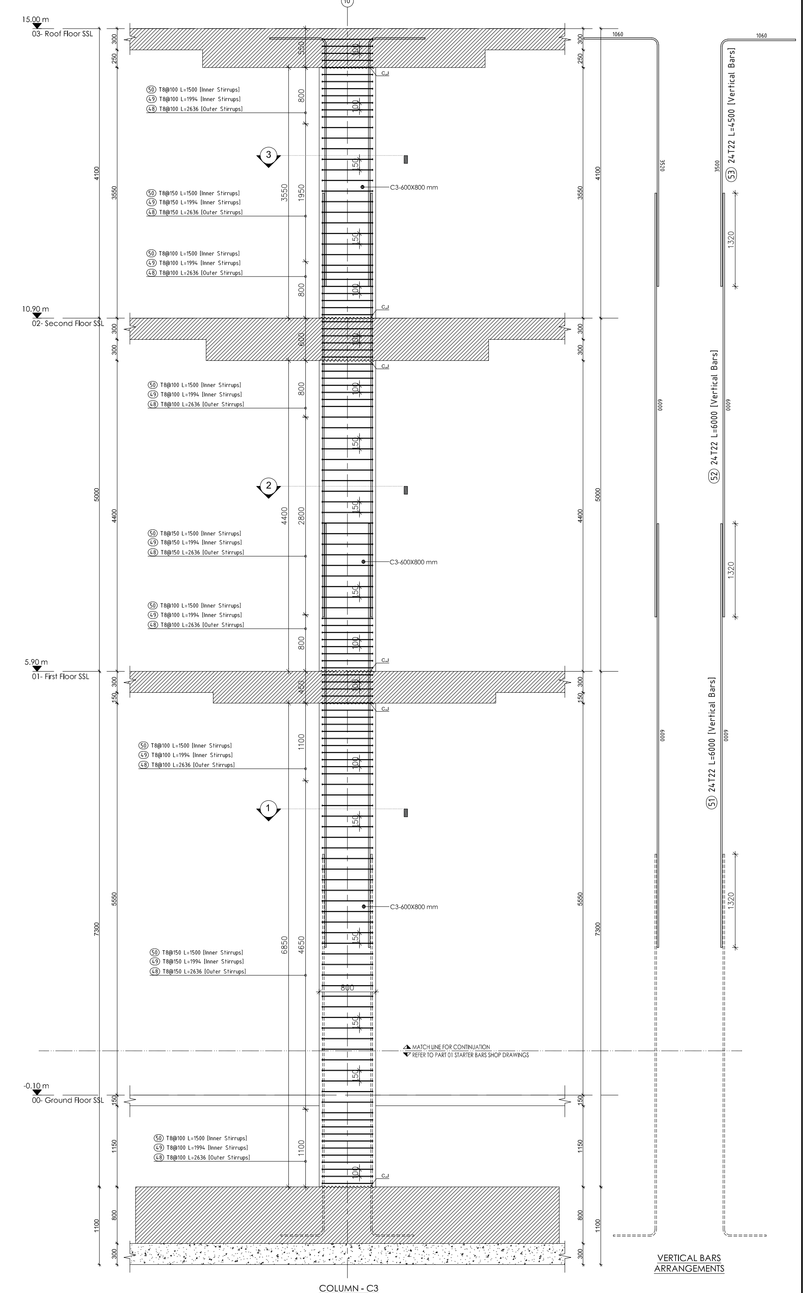


COLUMN C3 (600 X 800)
SECTION 4-4



STIRRUPS DISTRIBUTION @100 mm

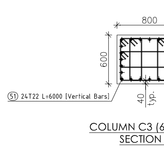
STIRRUPS DISTRIBUTION @150 mm



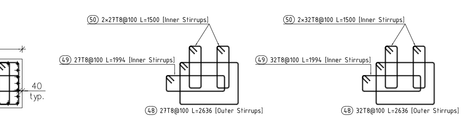
COLUMN - C3
DETAIL 05
ELEVATION SECTION (A-A)
NO. OF COLUMN - 01
SCALE 1 : 25

VERTICAL BARS ARRANGEMENTS

COLUMN SCHEDULE					
COLUMN TYPE	X-AXIS	Y-AXIS	PART NUMBER	DETAIL NUMBER	COL. NUMBERS
C3 (600 X 800) MM	ALONG - E	ALONG - 10	PART 01	DETAIL 05	N = 1

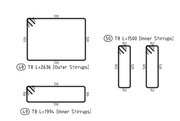


COLUMN C3 (600 X 800)
SECTION 1-1

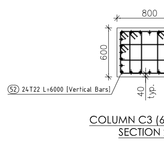


STIRRUPS DISTRIBUTION @100 mm

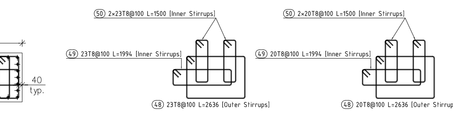
STIRRUPS DISTRIBUTION @150 mm



STIRRUPS ARRANGEMENTS

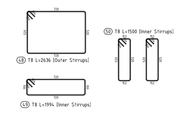


COLUMN C3 (600 X 800)
SECTION 2-2

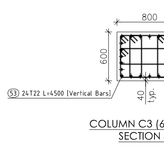


STIRRUPS DISTRIBUTION @100 mm

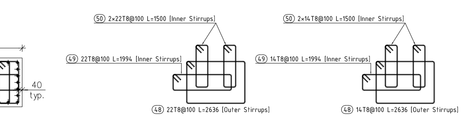
STIRRUPS DISTRIBUTION @150 mm



STIRRUPS ARRANGEMENTS

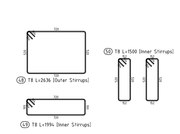


COLUMN C3 (600 X 800)
SECTION 3-3



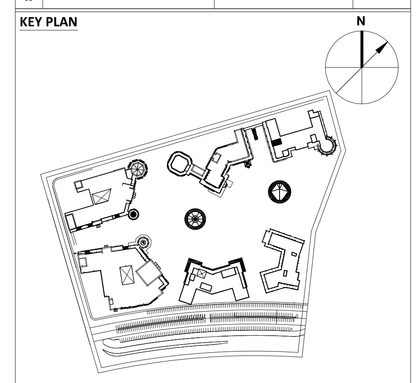
STIRRUPS DISTRIBUTION @100 mm

STIRRUPS DISTRIBUTION @150 mm



STIRRUPS ARRANGEMENTS

KEY PLAN



REV	DATE	ISSUED FOR	DRW	CHK	PM
00	03.09.02025	ISSUED FOR APPROVAL	D.E.	S.S.	S.S.

PROJECT NAME:

WATER PARK-BUILDING M

DISCIPLINE

STRUCTURE

SHEET TYPE

COLUMNS REINFORCEMENT DETAILS

SHEET TITLE

COLUMNS REINFORCEMENT DETAILS
FOR BUILDING [M] - PART 01
(C3) - DETAIL 01 & DETAIL 05

SCALE	PROJECT CODE	PROJECT NAME	ORIGINATOR	DISCIPLINE	BUILDING NO.	SERIES	REV.
	P0186-ATR-WSD-BLM-SRC-FL-PT1-008						00

OWNER

TALAAT MOUSTAFA GROUP (TMG)
Madinaty Club - Gate 1 - Clubhouse,

DESIGNER

PERKINS EASTMAN
Marina Plaza, Level 8
PO Box 212763
Dubai Marina, Dubai, UAE
T. +971 4 343 3632
F. +971 4 343 3604

MAIN CONSULTANT

STRUCTURE AND LANDSCAPE CONSULTANT:

SHAKER CONSULTANCY GROUP
SHAKER CONSULTANCY GROUP
Meeraj City, Cairo Ring Road, buildings 2075-2078, Maadi, Cairo, Egypt
Tel: + (202) - 5204500 - Fax: + (202) - 5204505
E-mail: info@shakergypt.com

ARCHITECTURE CONSULTANT

ARCHIMID
ARCHIMID ARCHITECTS
GLENN PATTEN — ASMAA EL GOWENI
Gr. Floor, 12 Tunis Street, Nasr Maadi, Cairo, Egypt
Tel: + (202) 27538310 — Fax: + (202) 27538091
Email: info@archimid.com — Website: www.archimid.com

SUPERVISION CONSULTANT

rmc
raafat miller consulting

MAIN CONTRACTOR

ATRIUM - QUALITY CONTRACTORS
36 Mosaddak Str., Dokki, Giza, Egypt 12311 Web Site: www.atriumeg.com
Tel. (202) 33356732 Fax.(202) 33356724 Email: info@atriumeg.com
ATRIUM Quality Contractors

General Notes

1. ALL DIMENSIONS AND REINFORCEMENT SIZES ARE IN mm.
2. CHARACTERISTIC STRENGTH FOR FOUNDATION CONCRETE AT 28 DAYS IS 350 KG/CM^2.
3. CONCRETE COVER TO REINFORCEMENTS FOR RC FOOTINGS, COLUMNS & WALLS IS 70 mm, 40 mm & 25 mm RESPECTIVELY.
4. ALL REINFORCEMENTS ARE HIGH TENSILE STEEL BARS OF GRADE B500DWR EXCEPT FOR STIRRUPS ARE MILD STEEL BARS OF GRADE B2400-P.
5. ALL ISOLATED FOOTINGS ARE CONCENTRIC WITH THEIR COLUMNS.

CONSULTANT COMMENTS

ATRIUM COORDINATION

CHECKED		NAME	SIGNATURE	DATE
ARCHITECTURAL	A			
STRUCTURAL	S			
MECHANICAL	M			
ELECTRICAL	E			
DRAWING QUALITY CONTROL CHECK	✓			

DESIGN DRAWING REFERENCES

NO.	DWG. No.	DRAWING TITLE	REV.	DATE
01				
02				
03				
04				
05				
06				
07				

RFI'S REFERENCES

NO.	DOC. No.	DOCUMENT DESCRIPTION	DATE
01			
02			
03			
04			
05			

SHEET SIZE - ISO A0 (841* 1189 MM)
SCANNING SCALE
100 mm
50 mm
10 mm