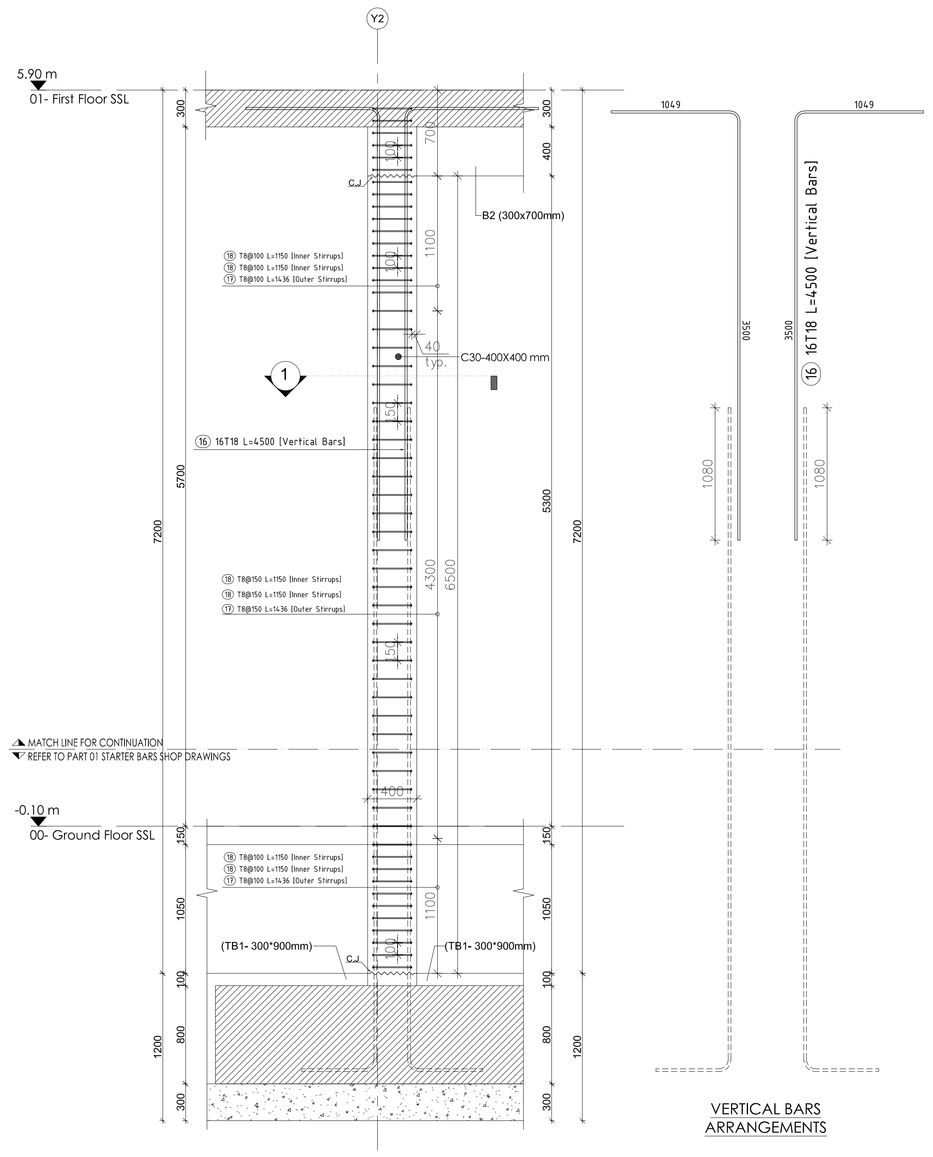
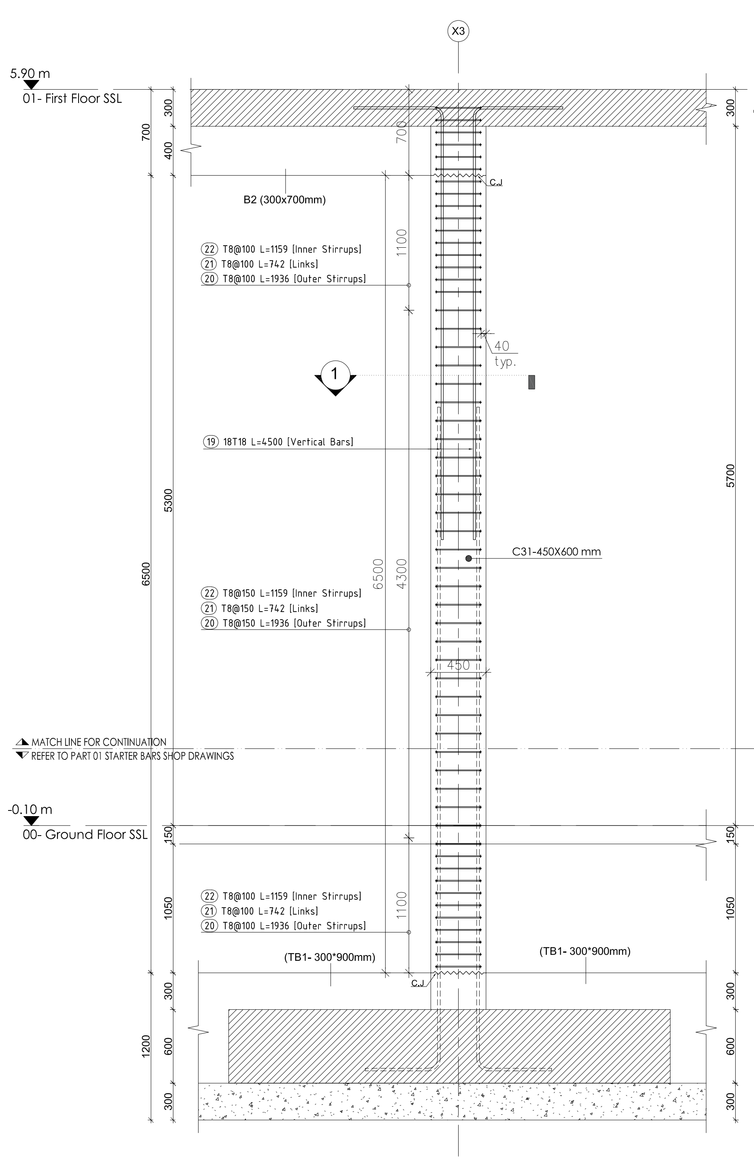
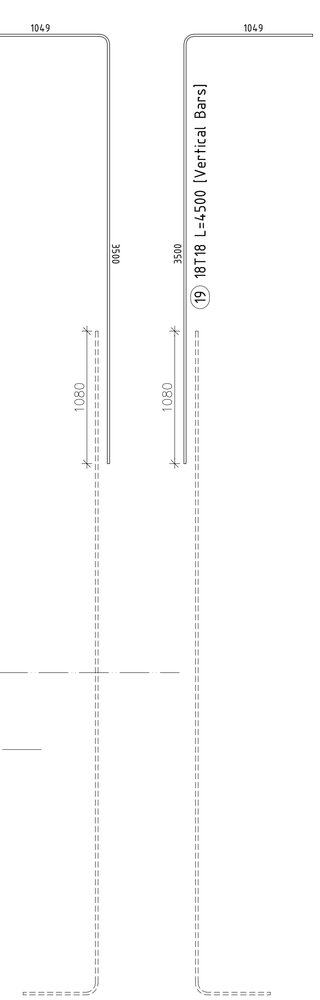


COLUMN - C30
ELEVATION SECTION (A-A)
NO. OF COLUMN - 01
SCALE 1 : 25

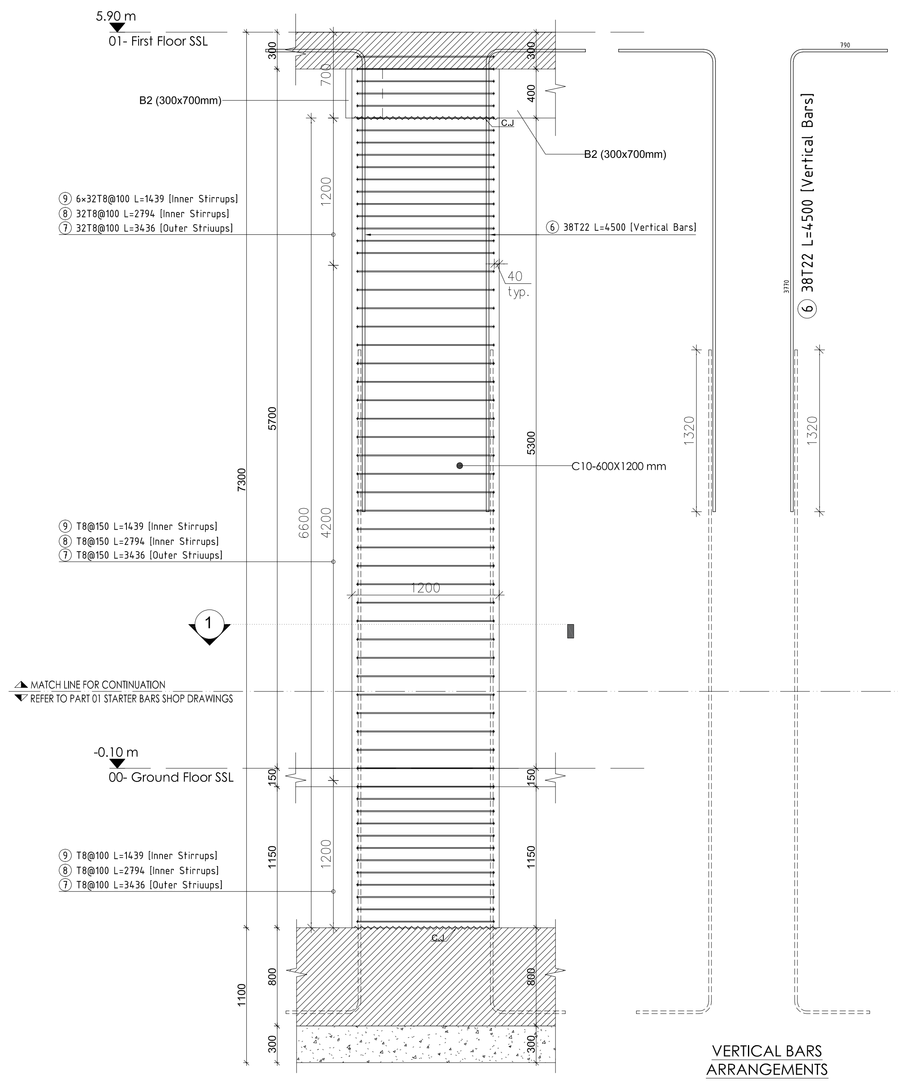
VERTICAL BARS ARRANGEMENTS



COLUMN - C31
ELEVATION SECTION (A-A)
NO. OF COLUMN - 01
SCALE 1 : 25

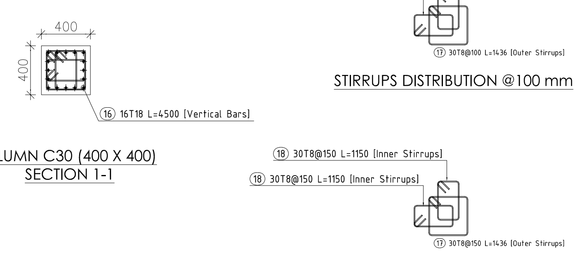


VERTICAL BARS ARRANGEMENTS



COLUMN - C10
ELEVATION SECTION (A-A)
NO. OF COLUMN - 01
SCALE 1 : 25

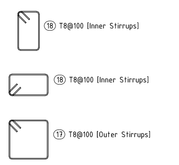
VERTICAL BARS ARRANGEMENTS



STIRRUPS DISTRIBUTION @100 mm

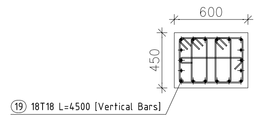
COLUMN C30 (400 X 400)
SECTION 1-1

STIRRUPS DISTRIBUTION @150 mm

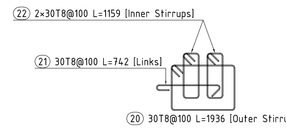


STIRRUPS ARRANGEMENTS

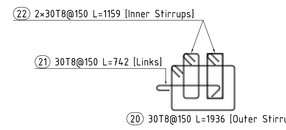
COLUMN SCHEDULE					
COLUMN TYPE	X-AXIS	Y-AXIS	PART NUMBER	DETAIL NUMBER	COL. NUMBERS
C30 (400 X 400) MM	ABOVE-X1	ALONG -Y2	PART 01	DETAIL 01	N = 1



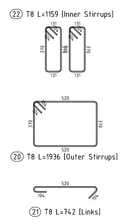
COLUMN C31 (450 X 600)
SECTION 1-1



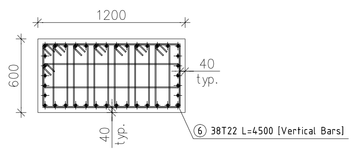
STIRRUPS DISTRIBUTION @100 mm



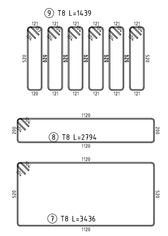
STIRRUPS DISTRIBUTION @150 mm



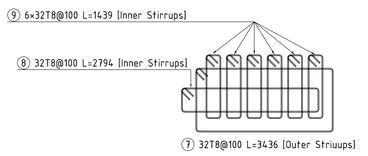
COLUMN SCHEDULE					
COLUMN TYPE	X-AXIS	Y-AXIS	PART NUMBER	DETAIL NUMBER	COL. NUMBERS
C31 (450 X 600) MM	ALONG-X3	ALONG -Y2	PART 01	DETAIL 01	N = 1



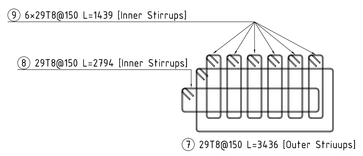
COLUMN C10 (600 X 1200)
SECTION 1-1



STIRRUPS ARRANGEMENTS



STIRRUPS DISTRIBUTION @100 mm



STIRRUPS DISTRIBUTION @150 mm

COLUMN SCHEDULE					
COLUMN TYPE	X-AXIS	Y-AXIS	PART NUMBER	DETAIL NUMBER	COL. NUMBERS
C10 (600 X 1200) MM	ABOVE -X1	ALONG -Y2	PART 01	DETAIL 01	N = 1

OWNER

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

DESIGNER

PERKINS EASTMAN
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T. +971 4 343 3632
F. +971 4 343 3604

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SHAKER CONSULTANCY GROUP
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Tel: + (202) - 5294500 - Fax: + (202) - 5294505
E-mail: info@shakeregypt.com

ARCHITECTURE CONSULTANT

ARCHIMID
ARCHIMID ARCHITECTS
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Gr. Floor, 12 Tunis Street, New 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	✓			

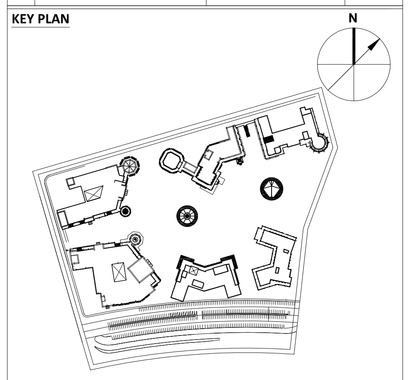
DESIGN DRAWING REFERENCES

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			

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
(C30) & (C31) & (C10) UP TO FIRST FLOOR

SCALE	PROJECT CODE	PROJECT NAME	ORIGINATOR	DISCIPLINE	BUILDING NO.	SERIES	REV.
	P0186	ATR	WSD	BLM	SRC	FL-PT1	004	00

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