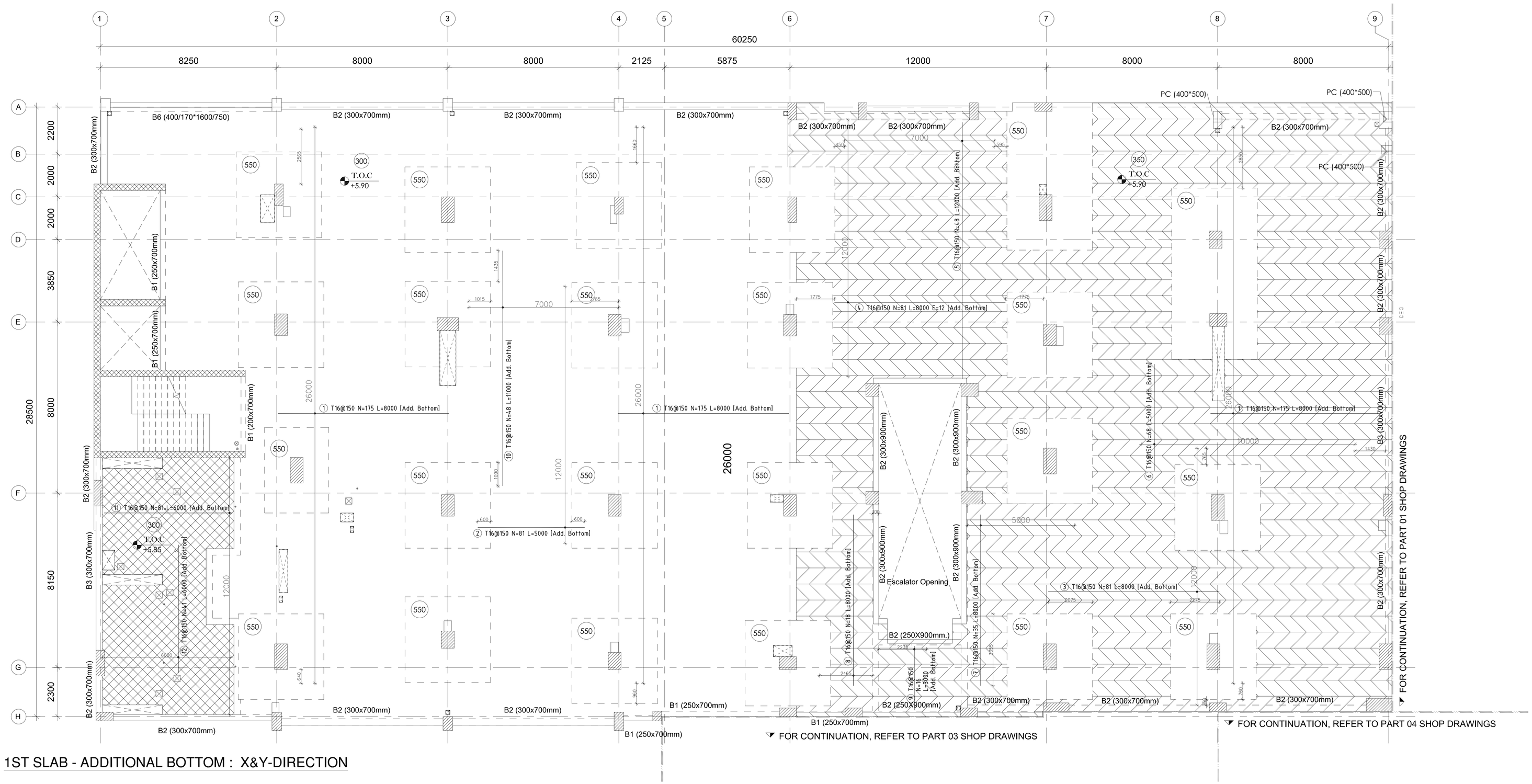

1ST SLAB - ADDITIONAL BOTTOM : X&Y-DIRECTION

Mark	Dia [mm]	Bending shape [mm]	Cutting length [mm]	Mass of each bar [kg]	Total number	Total length [mm]	Total mass [kg]	%	Note
①	16	8000	8000	12.63	525	4200000	6629.01	49.1%	[Add. Bottom]
②	16	5000	5000	7.89	81	405000	639.23	4.7%	[Add. Bottom]
③	16	8000	8000	12.63	81	648000	1022.76	7.6%	[Add. Bottom]
④	16	8000	8000	12.63	81	648000	1022.76	7.6%	[Add. Bottom]
⑤	16	12000	12000	18.94	48	576000	909.12	6.7%	[Add. Bottom]
⑥	16	5000	5000	7.89	68	340000	536.63	4%	[Add. Bottom]
⑦	16	8000	8000	12.63	35	280000	441.93	3.3%	[Add. Bottom]
⑧	16	8000	8000	12.63	18	144000	227.28	1.7%	[Add. Bottom]
⑨	16	3000	3000	4.74	16	48000	75.76	0.6%	[Add. Bottom]
⑩	16	11000	11000	17.36	48	528000	833.36	6.2%	[Add. Bottom]
⑪	16	6000	6000	9.47	81	486000	767.07	5.7%	[Add. Bottom]
⑫	16	6000	6000	9.47	41	246000	388.27	2.9%	[Add. Bottom]
Total mass = 13493 kg									

OWNER

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

DESIGNER

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SUPERVISION CONSULTANT

rmc
raafat miller consulting

MAIN CONTRACTOR

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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	✓			

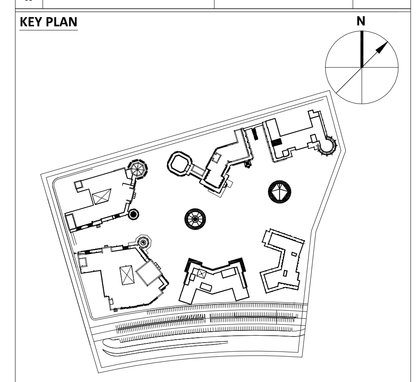
DESIGN DRAWING REFERENCES

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	10.09.02025	ISSUED FOR APPROVAL	D.E.	S.S.	S.S.

PROJECT NAME: WATER PARK-BUILDING M

DISCIPLINE STRUCTURE

SHEET TYPE **SLAB REINFORCEMENT DETAILS**

SHEET TITLE BUILDING M - PART 02
FIRST FLOOR SLAB REINFORCEMENT DETAILS
ADDITIONAL BOTTOM
X & Y DIRECTIONS

SCALE	PROJECT CODE	PROJECT NAME	ORIGINATOR	DISCIPLINE	BUILDING NO.	SERIES	REV.
	P0186	ATR	WSD	BLM	SRS	01-PT2-005	00

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