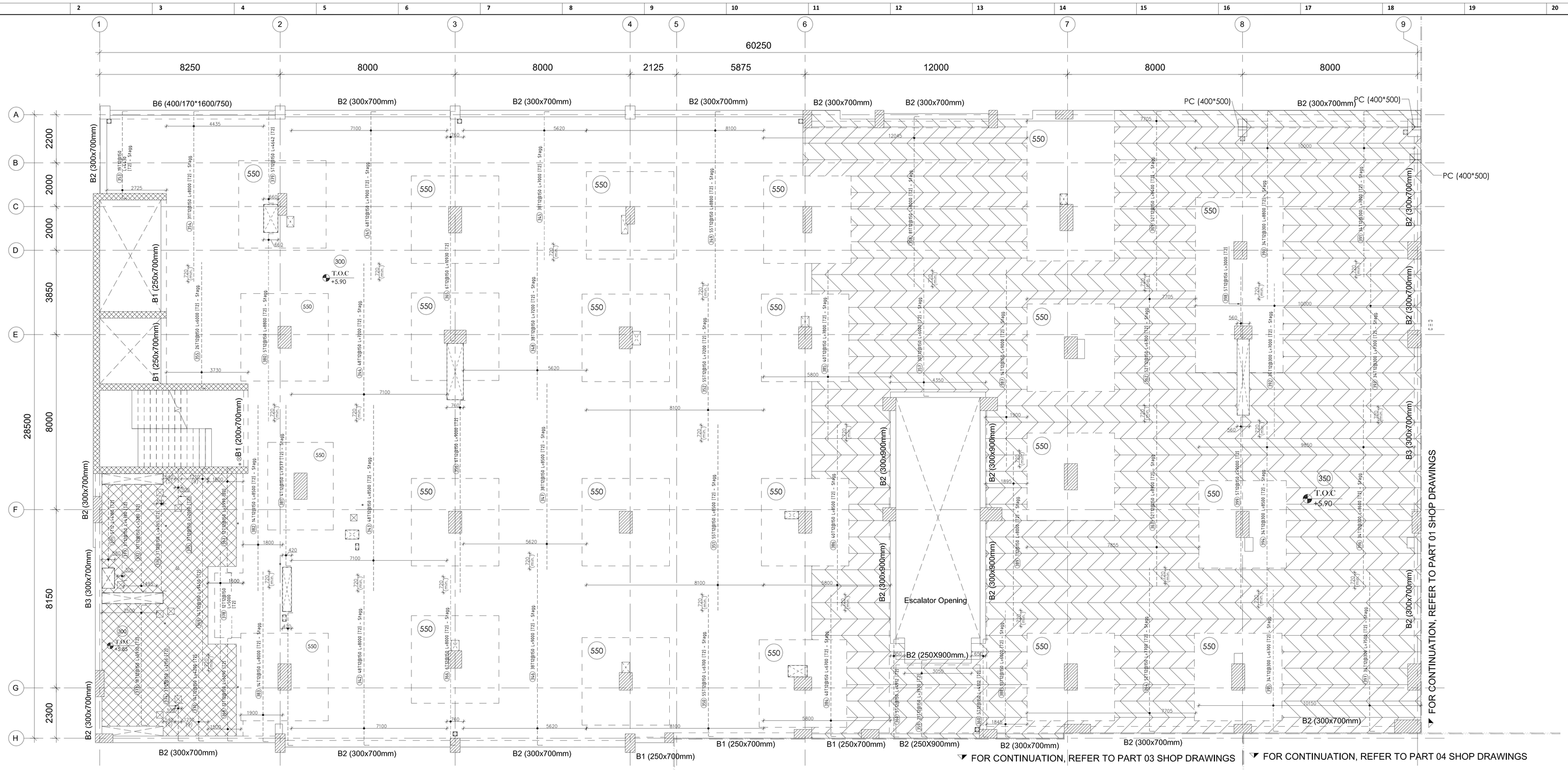

1ST SLAB - TOP (T2) : Y-DIRECTION

Mark	Dia [mm]	Bending shape [mm]	Cutting length [mm]	Mass of each bar [kg]	Total number	Total length [mm]	Total mass [kg]	%	Note
341	12	240 7685 240	7900	7.01	48	379184	336.65	3.2%	[T2] - Stagg.
342	12	7739 240	8000	7.1	48	384005	340.93	3.2%	[T2] - Stagg.
343	12	8500	8500	7.55	48	408000	362.23	3.4%	[T2] - Stagg.
344	12	7200	7200	6.39	48	345600	306.83	2.9%	[T2] - Stagg.
345	12	240 6785	7000	6.21	38	265988	236.15	2.2%	[T2] - Stagg.
346	12	8739 240	9000	7.99	38	342004	303.64	2.9%	[T2] - Stagg.
347	12	8500	8500	7.55	38	323000	286.76	2.7%	[T2] - Stagg.
348	12	7200	7200	6.39	38	273600	242.91	2.3%	[T2] - Stagg.
349	12	240 8585	8800	7.81	55	483982	429.69	4.1%	[T2] - Stagg.
350	12	6485 240	6700	5.95	55	368489	327.15	3.1%	[T2] - Stagg.
351	12	8500	8500	7.55	55	467500	415.05	3.9%	[T2] - Stagg.
352	12	7200	7200	6.39	55	396000	351.57	3.3%	[T2] - Stagg.
353	12	240 4000 240	4430	3.93	19	84175	74.73	0.7%	[T2] - Stagg.
354	12	240 7784	8000	7.1	31	247988	220.17	2.1%	[T2] - Stagg.
355	12	5785 240	6000	5.33	26	156002	138.5	1.3%	[T2] - Stagg.
356	12	240 8785	9000	7.99	6	54001	47.94	0.5%	[T2]
357	12	5785 240	6000	5.33	30	179991	159.8	1.5%	[T2] - Stagg.
358	12	240 7785	8000	7.1	81	648035	575.33	5.4%	[T2] - Stagg.
359	12	240 3500 240	3930	3.49	21	82535	73.28	0.7%	[T2]
360	12	240 4482 240	4912	4.36	10	49124	43.61	0.4%	[T2]
361	12	240 8185	8400	7.46	52	436806	387.8	3.7%	[T2] - Stagg.
362	12	6700	6700	5.95	52	348400	309.31	2.9%	[T2] - Stagg.
363	12	8300	8300	7.37	52	431600	383.18	3.6%	[T2] - Stagg.
364	12	7479 240	7700	6.84	52	400383	355.47	3.4%	[T2] - Stagg.
365	12	240 10699 240	10930	9.7	6	65578	58.22	0.5%	[T2]
366	12	240 7739 240	8000	7.1	6	47999	42.61	0.4%	[T2] - Stagg.
367	12	4750 240 883 200	5999	5.33	12	71983	63.91	0.6%	[B2]
368	12	1025 240 4300 240	6090	5.41	12	73084	64.89	0.6%	[T2]
369	12	9235 240	9450	8.39	14	132302	117.46	1.1%	[T2]
370	12	240 3985 240	4200	3.73	14	58802	52.21	0.5%	[T2].
371	12	240 3750 240	4180	3.71	5	20901	18.56	0.2%	[T2]
372	12	240 4850 240	5280	4.69	11	58083	51.57	0.5%	[T2]
373	12	240 5500 240	5930	5.26	18	106744	94.77	0.9%	[T2]
374	12	240 1725 240	2156	1.91	3	6467	5.74	0.1%	[T2]
375	12	1630 240 240	2060	1.83	3	6180	5.49	0.1%	[T2]
376	12	240 4335 240	4765	4.23	3	14296	12.69	0.1%	[T2]
377	12	240 4350 240	4780	4.24	3	14340	12.73	0.1%	[T2]
378	12	5000	5000	4.44	12	60000	53.27	0.5%	[T2]
379	12	240 4212 240	4642	4.12	5	23211	20.61	0.2%	[T2]
380	12	8585 240	8800	7.81	5	44001	39.06	0.4%	[T2] - Stagg.
381	12	7362 240	7577	6.73	4	30308	26.91	0.3%	[T2] - Stagg.
382	12	8500	8500	7.55	14	119000	105.65	1%	[T2] - Stagg.
383	12	7739 240	8000	7.1	14	112002	99.44	0.9%	[T2] - Stagg.
384	12	240 6485	6700	5.95	40	267992	237.93	2.2%	[T2] - Stagg.
385	12	7800	7800	6.92	40	312000	277	2.6%	[T2] - Stagg.
386	12	8500	8500	7.55	40	340000	301.86	2.9%	[T2] - Stagg.
387	12	9000	9000	7.99	14	126000	111.86	1.1%	[T2] - Stagg.
388	12	240 5785	6000	5.33	13	78006	69.25	0.7%	[T2] - Stagg.
389	12	8000	8000	7.1	1	8000	7.1	0.1%	[T2] - Stagg.
390	12	240 8584	8800	7.81	34	299188	265.62	2.5%	[T2] - Stagg.
391	12	240 7584	7800	6.92	34	265187	235.44	2.2%	[T2] - Stagg.
392	12	7000	7000	6.21	34	238000	211.3	2%	[T2] - Stagg.
393	12	7300	7300	6.48	34	248200	220.36	2.1%	[T2] - Stagg.
394	12	8500	8500	7.55	34	289000	256.58	2.4%	[T2] - Stagg.
395	12	6479 240	6700	5.95	34	227806	202.25	1.9%	[T2] - Stagg.
396	12	8600	8600	7.64	34	292400	259.6	2.5%	[T2] - Stagg.
397	12	7279 240	7500	6.66	34	255006	226.4	2.1%	[T2] - Stagg.
398	12	240 2785	3000	2.66	5	15002	13.32	0.1%	[T2]
399	12	240 8385 240	9000	7.99	5	45002	39.95	0.4%	[T2]
Total mass = 10590 kg									

OWNER

TMG

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

DESIGNER

PERKINS — EASTMAN

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ARCHIMID

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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) 33355732 Fax:(202) 33355724 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	✓			

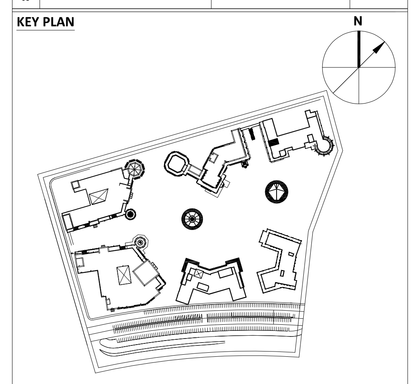
DESIGN DRAWING REFERENCES

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
TOP (T2) : Y-DIRECTION

SCALE	PROJECT CODE	PROJECT NAME	ORIGINATOR	DISCIPLINE	BUILDING NO.	SERIES	REV.
	P0186	ATR	WSD	BLM	SRS	01-PT2	004 / 00

SHEET SIZE - ISO A0 (841* 1189 MM)