

TOWER A - PARKING LEVEL 2 - REINFORCEMENT PLAN

1/8" = 1'-0"

REINFORCING NOTES:

- 1. SEE "GENERAL NOTES" FOR REINFORCING REQUIREMENTS.
- 2. SEE "TYPICAL MILD SLAB DETAILS" FOR ADDITIONAL INFORMATION.
- 3. SLAB REINFORCING SHALL BE PLACED IN THE FOLLOWING SEQUENCE: E-W BOTTOM BARS
 N-S BOTTOM BARS
 N-S TOP BARS
 E-W TOP BARS
- 4. FOR CONTINUOUS BOTTOM BARS, LAP BARS Lsb AS REQUIRED WITH LAPS AT 1/3 THE SLAB SPAN BETWEEN ADJACENT COLUMNS.
- 5. TWO OF THE CONTINUOUS BOTTOM BARS ARE TO BE PLACED EACH WAY THROUGH ALL COLUMNS WITH COLUMN VERTICAL REINFORCEMENT, UNLESS NOTED OTHERWISE.
- 6. BOTTOM BARS CALLED OUT ARE IN ADDITION TO CONTINUOUS BOTTOM MAT.
- 7. RX INDICATES STUD RAIL. STUD RAILS SHALL BE PLACED AT ALL COLUMNS. SEE "TYPICAL STUD RAIL REINFORCEMENT AT COLUMNS" DETAIL AND STUD RAIL SCHEDULE.
- 8. SEE "TYPICAL CONCRETE OPENINGS AND EMBEDMENTS" FOR ADDITIONAL REINFORCEMENT REQUIREMENTS. NOTIFY STRUCTURAL ENGINEER OF ANY OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS FOR WHICH THE TYPICAL DETAILS DO NOT APPLY. ADDITIONAL REINFORCEMENT MAY BE REQUIRED.
- 9. WHERE BAR LENGTH CANNOT BE ACHIEVED DUE TO SLAB EDGE, HOOK BAR.
- 10. WHERE NOTED AS "HOOKED", PROVIDE 90 OR 180 DEGREE HOOK AS SHOWN ON PLAN. NOTED BAR LENGTH IS LENGTH OF STRAIGHT PORTION OF BAR.
- 11. WHERE NOTE APPLIES, REINFORCEMENT IS TO BE PLACED WITHIN VERTICALS OF COLUMNS NEAR GRID 7/F & 9/F. REINFORCEMENT SHALL BE CENTERED IN SLAB MIDDEPTH. REINFORCEMENT SHALL MEET CENTER-TO-CENTER SPACING OF 3db BUT NOT LESS THAN 3-INCHES, UNLESS NOTED OTHERWISE. LAP SPLICE IS NOT PERMITTED; PROVIDE MECHANICAL COUPLER IF NECESSARY

MARK	REINFORCING	REMARKS
MT1	(13) #6x20'-0" @ 10"	STAGGER 6'-0"
MT2	(13) #7x20'-0" @ 10"	STAGGER 5'-0"
MT3	(11) #7x20'-0" @ 12"	STAGGER 4'-0"
MT4	(11) #6x20'-0" @ 12"	STAGGER 4'-0"
MT5	(13) #5x15'-0" @ 10"	STAGGER 4'-0"
MT6	(11) #6x15'-0" @ 12"	STAGGER 4'-0"
MT7	(15) #7x15'-0" @ 9"	STAGGER 3'-0"
MT8	(6) #5x15'-0" @ 12"	STAGGER 3'-0"
MT9	(6) #7x15'-0" @ 12"	STAGGER 3'-0"
MT11	(11) #5x12'-0" @ 12"	STAGGER 2'-0"
MT12	(16) #8x20'-0" @ 8"	STAGGER 5'-0"
MT13	(21) #8x20'-0" @ 6"	STAGGER 5'-0"
MT14	(21) #7x20'-0" @ 6"	STAGGER 5'-0"
MT15	(11) #5x15'-0" @ 12"	STAGGER 3'-0"
MT16	(11) #4x12'-0" @ 12"	STAGGER 2'-0"
MT17	(11) #4x15'-0" @ 12"	STAGGER 3'-0"

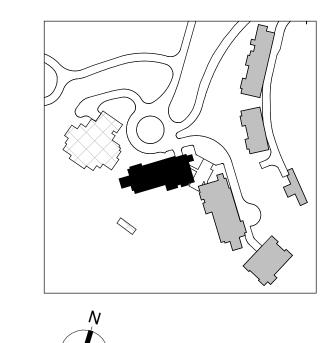
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MARK	REINFORCING	REMARKS	1	MARK	REINFORCING	REMARKS
MT18	(16) #8x20'-0" @ 8"	STAGGER 5'-0"		MT51	(11) #5x6'-8" @ 12"	HOOK AT END
MT30	#5x20'-0" @ 12"	STAGGER 3'-0"		MT52	(11) #5x11'-2" @ 12"	HOOK AT END
MT31	#5x20'-0" @ 10"	STAGGER 2'-0"		MT53	(7) #6x11'-0" @ 12"	HOOK AT END
MT32	#5x15'-0" @ 12"	STAGGER 2'-0"		MT54	(11) #5x14-2" @ 12"	HOOK AT END
MT33	#5x12'-0" @ 12"	STAGGER 2'-0"		MT55	(16) #6x14'-0" @ 8"	HOOK AT END
MT34	#5x20'-0" @ 12"	STAGGER 4'-0"		MT56	(6) #5x14'-2" @ 12"	HOOK AT END
MT35	#5x12'-0" @ 12"	STAGGER 1'-0"		MT57	(6) #6x9'-0" @ 12"	HOOK AT END
MT36	#5x7'-6" @ 12"	STAGGER 0'-0"		MT58	(11) #6x14'-0" @ 12"	HOOK AT END
MT37	#4x12'-0" @ 12"	STAGGER 1'-0"		MT60	(16) #7x10'-10" @ 8"	HOOK AT END
MT38	#4x15'-0" @ 12"	STAGGER 1'-0"		MT61	(11) #5x14'-2" @ 12"	HOOK AT END
MT39	#5x15'-0" @ 8"	STAGGER 2'-0"		MT62	(11) #4x11'-4" @ 12"	HOOK AT END
MT40	#6x20'-0" @ 12"	STAGGER 4'-0"		MT63	(11) #4x14'-4" @ 12"	HOOK AT END
MT42	#6x15'-0" @ 12"	STAGGER 2'-0"		MT64	(11) #4x19'-4" @ 12"	HOOK AT END
MT43	#7x15'-0" @ 6"	STAGGER 3'-0"		MT65	(11) #4x6'-10" @ 12"	HOOK AT END
MT50	(6) #5x24'-2" @ 12"	HOOK AT END		MT66	(16) #7x18'-10" @ 8"	HOOK AT END

MILD TOP REINFORCEMENT SCHEDULE

MILD TOP REINFORCEMENT SCHEDULE

MARK	REINFORCING	REMARKS
MT80	#5 @ 12"	HOOK BOTH ENDS
MT81	#5x14'-2" @ 12"	HOOK AT END
MT82	#6x29'-0" @ 12"	HOOK AT END
MT83	#5x19'-2" @ 12"	HOOK AT END
MT84	#5x6'-8" @ 12"	HOOK AT END
MT85	#5x9'-2" @ 12"	HOOK AT END
MT86	#5x11'-2" @ 12"	HOOK AT END
MT87	#6x11'-0" @ 12"	HOOK AT END
MT88	#4x14'-4" @ 12"	HOOK AT END
MT89	#4x6'-10" @ 12"	HOOK AT END
MT90	#4 @ 12"	HOOK BOTH ENDS
MT91	#4x9'-4" @ 12"	HOOK AT END,
MT92	#6x14'-0" @ 12"	HOOK AT END
MT93	#5x19'-2" @ 10"	HOOK AT END
MT97	#7x10'-10" @ 12"	HOOK AT END

MILD BOTTOM REINFORCEMENT SCHEDULE					
MARK	REINFORCING	REMARKS			
MB1	#5x20'-0" @ 12"	STAGGER 2'-0"			
MB2	#5x12'-0" @ 24"	STAGGER 2'-0"			
MB4	(3) #5x12'-0" @ 14"	STAGGER 2'-0"			
MB5	#5x20'-0" @ 18"	STAGGER 2'-0"			
MB6	#5x20'-0" @ 16"	STAGGER 2'-0"			
MB7	(6) #5x15'-0" @ 16"	STAGGER 2'-0"			
MB8	(11) #5x20'-0" @ 12"	STAGGER 3'-0"			
MB9	(3) #5x15'-0" @ 24"	STAGGER 2'-0"			
MB15	(6) #5x30'-0" @ 24"	STAGGER 3'-0"			
MB16	(11) #4x12'-0" @ 12"	STAGGER 3'-0"			
MB17	#6x5'-2" @ 24"	HOOK AT END			





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TOWER A LEVEL P2 REINFORCING PLAN

S2.A.02.R