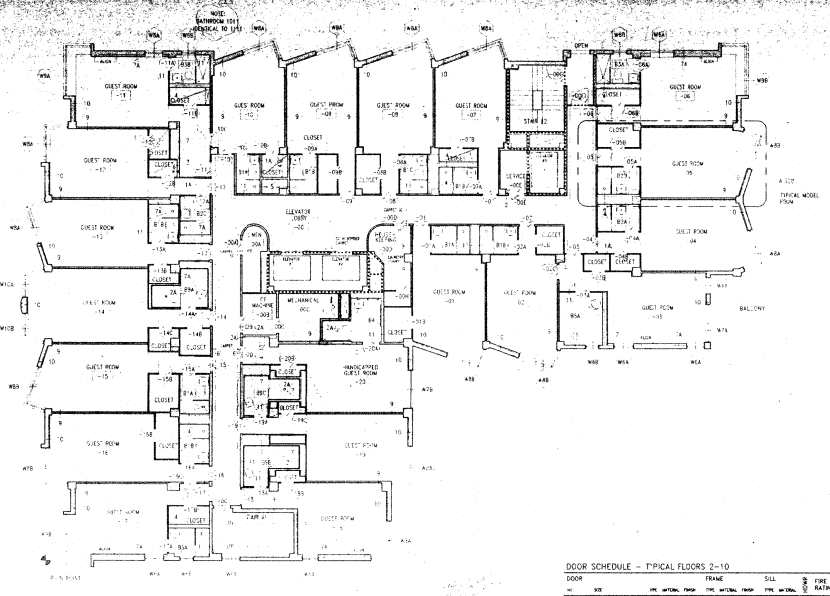


FINISH SCHEDULE – TYPICAL GUEST ROOM FLOORS 2-10

DELANO HOTEL	FLOOR		BASE		WALL-NORTH		WALL-EAST		WALL-SOUTH		WALL-WEST		CEILING		
RM NO.	SPACE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	REMARKS
200 – 1000	CORRIDOR	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	CARPET W/ 5" BORDER
200A – 1000A	LINEN STORAGE	E/SC	VCT	VWB	–	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	
200B – 1000B	ICE MACHINE	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	GWB *	PT#	E/PL	PT#	E/PL	PT#	* E.P.L @ 2ND FLOOR
200C – 1000C	MECHANICAL	EXG	PT#	EXG	PT#	E/PL	PT#	E/PL	PT#	E	PT#	E	PT#	E	PT#	
200D – 1000D	HOUSEKEEPING	EXG	VCT	VWB	–	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	
200E – 1000E	SERVICE ELEVATOR	EXG	VCT	VWB	–	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	
201 – 1001	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	SEE ROOM ELEVATIONS
201A – 1001A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
201B – 1001B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
201C	PASSAGE	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	2ND FLOOR ONLY
201C – 1001C	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
202 – 1002	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	
202A – 1002A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
202C – 1002C	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
203 – 1003	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	
203A – 1003A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
203B – 1003B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
204 – 1004	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	
204A – 1004A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
204B – 1004B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
205 – 1005	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	
205A – 1005A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
205B – 1005B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
206 – 1006	GUEST ROOM	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	E/PL	PT#	E/GWB	PT#	
206A – 1006A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
206B – 1006B	CLOSET	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
207 – 1007	GUEST ROOM	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	
207A – 1007A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
207B – 1007B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	E/PL	PT#	GWB	PT#	
208 – 1008	GUEST ROOM	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	
208A – 1008A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
208B – 1008B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	
209 – 1009	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	E/GWB	PT#	
209A – 1009A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
209B – 1009B	CLOSET	E/SC		WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
210 – 1010	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	
210A – 1010A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
210B – 1010B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
211 – 1011	GUEST ROOM	E/SC	PT#	WOOD	PT#	GWB	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	E/GWB	PT#	
211A – 1011A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
211B – 1011B	CLOSET	E/SC	PT#	WOOD	PT#	GWB	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
211C – 1011C	CLOSET	E/SC	PT#	WOOD	PT#	GWB	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
212 – 1012	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	E/GWB	PT#	
212A – 1012A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
212B – 1012B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
212C – 1012C	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
213 – 1013	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	E/GWB	PT#	
213A – 1013A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
213B – 1013B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	
214 – 1014	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	E/GWB	PT#	
214A – 1014A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
214B – 1014B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	
214C – 1014C	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
215 – 1015	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	E/GWB	PT#	
215A – 1015A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
215B – 1015B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	
216 – 1016	GUEST ROOM	E/SC	PT#	WOOD	PT#	GWB	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	E/GWB	PT#	
216A – 1016A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
216B – 1016B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	
217 – 1017	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	E/GWB	PT#	
217A – 1017A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
217B – 1017B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	E/PL	PT#	GWB	PT#	
218 – 1018	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/GWB	PT#	
218A – 1018A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
218B – 1018B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
219 – 1019	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	E/PL	PT#	E/GWB	PT#	
219A – 1019A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
219B – 1019B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
219C – 1019C	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
220 – 1020	GUEST ROOM	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	E/PL	PT#	E/GWB	PT#	
220A – 1020A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
220B – 1020B	CLOSET	E/SC	PT#	WOOD	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	GWB	PT#	
STAIRS 1 & 2	NORTH/SOUTH STAIRS	E	PT#	HOME	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	E/PL	PT#	

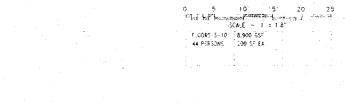
DOOR SCHEDULE – TYPICAL FLOORS 2-10

DOOR					FRAME				SILL				
NO	SIZE	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	SWING	FIRE RATING	REMARKS
-00	EXG.	-	-	-	PT#	FX1	-	PT#	-	EXG	- 1 HR	FPSC
-00A	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		CLOSER
-00B	2'8"x 6'8"	1	WOOD	PT#	FX2	-	PT#	-	STONE	- NONE		CLOSER-3RD THRU 10TH FLOORS
-00C	3'0"x 6'8"	1	HM	PT#	FX1	-	PT#	-	NONE	- NONE		
-00D	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		CLOSER
-00E	2'8"x 6'8"	1	WOOD	PT#	FX2	-	PT#	-	STONE	- NONE		CLOSER
-00F	EXG.	-	-	-	PT#	FX1	-	PT#	-	EXG	- 1 HR	FPSC
-00G	EXG.	-	-	-	PT#	FX1	-	PT#	-	EXG	- 1 HR	FPSC
-00H	3'0"x 6'8"	1	HM	PT#	F1	MTL	-	PT#	-	NONE	- NONE	
-01	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-01A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-01B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-02	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-02A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-02B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-02C	2'8"x 6'8"	1	WOOD	PT#	FX2	-	PT#	-	NONE	- NONE		CONNECTING DOOR
-03	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-03A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-03B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-04	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-04A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-04B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-05	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-05A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-05B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-06	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-06A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-06B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-07	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-07A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-07B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-08	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-08A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-08B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-09	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-09A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-09B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-10	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-10A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-10B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-10C	2'8"x 6'8"	1	WOOD	PT#	FX2	-	PT#	-	NONE	- NONE		CONNECTING DOOR
-11	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-11A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-11B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-12	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-12A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-12B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-13	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-13A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-13B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-14	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-14A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-14B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-15	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-15A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-15B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-16	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-16A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-16B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-17	2'8"x 6'8"	1	WOOD	PT#	FX2	-	PT#	-	NONE	- NONE		CONNECTING DOOR
-17A	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-17B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-18	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-18A	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-18B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-19	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-19A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		
-19B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		
-20	3'0"x 6'8"	HC	WOOD	PT#	FX5	-	PT#	-	STONE	- NONE		FLOORS 3-10
-20A	3'0"x 6'8"	HC	WOOD	PT#	FX5	-	PT#	-	STONE	- NONE		FLOORS 3-10
-20B	3'0"x 6'8"	HC	WOOD	PT#	FX5	-	PT#	-	NONE	- NONE		FLOORS 3-10
220B	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		2ND FLOOR ONLY
220	2'8"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		2ND FLOOR ONLY
220A	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	STONE	- NONE		2ND FLOOR ONLY
220B	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		2ND FLOOR ONLY
220C	2'4"x 6'8"	1	WOOD	PT#	FX1	-	PT#	-	NONE	- NONE		2ND FLOOR ONLY

NOTE: DOOR-198 OMITTED

NOTES:

1. FOR BATHROOM TYPE - PLANS, ELEVATIONS & DETAILS REFER TO DWGS. A-315, A-316, A-317.
2. FOR GUEST ROOM ELEVATIONS REFER TO DWGS. A-331 THRU A-335.
3. FOR GUEST ROOM PLANS REFER TO DWGS. A-150 THRU A-153.
4. FOR TYPICAL CORRIDOR ELEVATIONS & DETAILS REFER TO DWG. A-330.
5. DOOR CODES INDICATED FOR NEW DOORS SCHEDULED FOR INSTALLATION IN EXISTING FRAMES ARE APPROXIMATE & FOR ESTIMATING PURPOSES ONLY. CONTRACTOR TO VERIFY EXACT DIMENSIONS PRIOR TO FABRICATION.
6. ALL GUEST ROOM ENTRANCE DOORS TO HAVE SPRING HINGES & SECURITY CHAIN.



FLOOR 3-10 8,900 SSF
44 ROOMS 206 SF EA

STARCK
PHILIPPE DE TE BOUVERIE
TSAI CHARTS, PARIS
TEL: 33-1-40-55-77-77
INTERIOR DESIGNER

PMGArchitects
156 FIFTH AVENUE
NEW YORK, NY 10010
TEL: 212-924-6194
ARCHITECT

BEILINSON ARCHITECT PA
760 NW 107th AVENUE
MIAMI, FL 33172
TEL: 305-593-1220
CONSULTING ARCHITECT

STEVEN FELLER P.E. INC.
2701 W. OAKLAND PARK BLVD.
OAKLAND PARK, FL 33311
TEL: 305-735-7400
MECHANICAL
CONSULTING ENGINEER

RIVA, KLEIN & TIMMONS
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MIAMI, FL 33155
TEL: 305-661-1813
STRUCTURAL
CONSULTING ENGINEER

COASTAL TECH
1570 MADRUGA AVENUE
CORAL GABLES, FL 33146
TEL: 305-661-1820
CIVIL ENGINEERS

168[S] HOTEL CORPORATION
235 WEST 46th STREET
NEW YORK, NY 10036
TEL: 212-575-0300
OWNER

Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

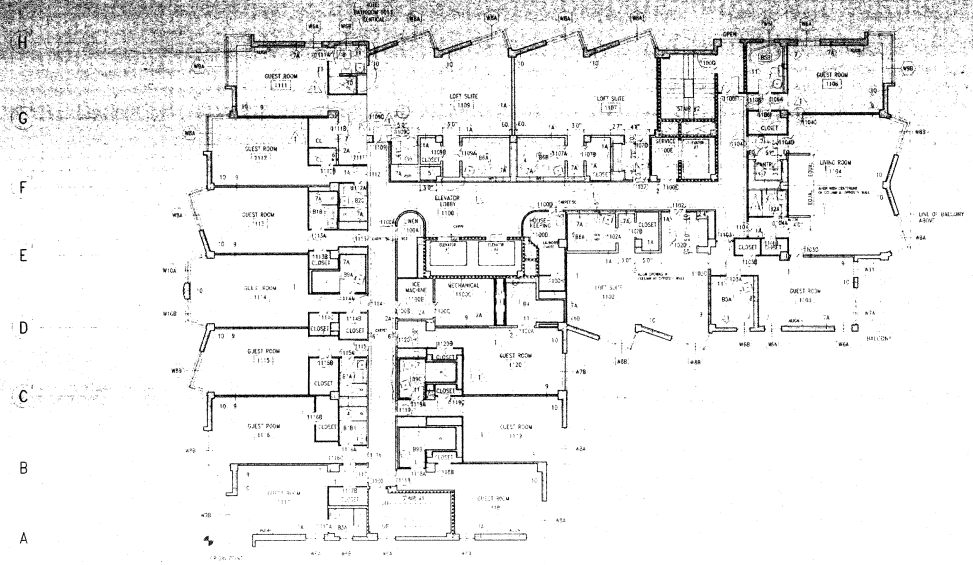
NO	DATE	REVISION
1	7-22-94	GENERAL REVISION TO DRAWING
1	9-21-94	GENERAL REVISIONS

TITLE
TYPICAL GUEST ROOMS
FLOORS ~~2~~ – 10
3

DATE: 7-1-94

SCALE: 1/8" = 1'0"

DRAWING NUMBER:
A 105



FINISH SCHEDULE – 11TH FLOOR

DELANO HOTEL		FLOOR		BASE		WALL–NORTH		WALL–EAST		WALL–SOUTH		WALL–WEST		CEILING		REMARKS
RM NO.	SPACE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
1100	ELEVATOR LOBBY	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	CARPET M/G: BORDER
1100A	LINEN	E/SC	PT.#	VWB	–	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E	PT.#	
1100B	ICE MACHINE	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	
1100C	MECHANICAL	E	PT.#	NONE	–	E	PT.#	E	PT.#	E	PT.#	E	PT.#	E	PT.#	
1100D	HOUSEKEEPING	E/SC	VCT	VWB	–	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E	PT.#	
1100E	SERVICE	E	VCT	VWB	–	E	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E	PT.#	
1101	LOFT GUEST SUITE	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	E/GWB	PT.#	
1102A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1102B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1103	GUEST BEDROOM	E/SC	PT.#	WOOD	PT.#	PLGWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	E/PL	PT.#	
1103A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1103B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1104	LIVING ROOM	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	
1104A	PANTRY	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1104B	POWDER ROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1105	GUEST BEDROOM	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	E/PL	PT.#	
1106A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1106B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	
1107	LOFT GUEST SUITE	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	E/PL	PT.#	
1107A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1107B	CLOSET	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1109	LOFT GUEST SUITE	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1109A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1109B	CLOSET	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1111	GUEST ROOM	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1111A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1111B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	
1112	GUEST ROOM	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1112A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1112B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	
1113	GUEST ROOM	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1113A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1113B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	
1114	GUEST BEDROOM	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	
1114A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1114B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	
1115	GUEST SUITE	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1115A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1115B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	
1116	GUEST ROOM	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	
1116A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1116B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1117	GUEST ROOM	E/SC	PT.#	WOOD	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1117A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1117B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	E/PL	PT.#	
1118	GUEST ROOM	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	E/PL	PT.#	
1118A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1118B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	E/PL	PT.#	
1119	GUEST ROOM	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	E/PL	PT.#	
1119A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1119B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	
1120	GUEST ROOM	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	GWB	PT.#	GWB	PT.#	E/PL	PT.#	E/PL	PT.#	
1120A	BATHROOM	E/SC	PT.#	SC	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	GWB	PT.#	
1120B	CLOSET	E/SC	PT.#	WOOD	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	E/PL	PT.#	GWB	PT.#	

DOOR SCHEDULE – 11TH FLOOR

DOOR		FRAME				SILL		HOWER	FIRE RATING	REMARKS
NO.	SIZE	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	TYPE	MATERIAL			
1100	EXG	–		PT.#	FX1	–	PT.#	–	–	–	1 HR	FPSC
1100A	2'8"x 6'8"	B	WOOD	PT.#	F1	MTL	PT.#	–	STONE	–		CLOSER
1100B	3'0"x 6'8"	B	WOOD	PT.#	F1	MTL	PT.#	–	STONE	–		CLOSER
1100C	3'0"x 6'8"	C	HM	PT.#	F1	MTL	PT.#	–	NONE	–		
1100D	2'8"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		CLOSER
1100E	2'8"x 6'8"	B	WOOD	PT.#	FX2	MTL	PT.#	–	STONE	–		CLOSER
1100F	EXG	–	–	PT.#	FX1	–	PT.#	–	–	–	1 HR	FPSC
1100G	EXG	–	–	PT.#	FX1	–	PT.#	–	–	–	1 HR	FPSC
1100H	EXG	–	–	PT.#	FX1	–	PT.#	–	–	–		
1102	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1102A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1102B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1102C	2'8"x 6'8"	B	WOOD	PT.#	FX2	MTL	PT.#	–	NONE	–		CONNECTING DOOR
1102D	[2] 2'4"x 6'8"	C	WOOD	PT.#	F3	MTL	PT.#	–	NONE	–		*BIFOLD PANTRY*
1103	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1103A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1103B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1103C	2'8"x 6'8"	B	WOOD	PT.#	FX2	MTL	PT.#	–	NONE	–		CONNECTING DOOR
1104	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1104A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1104B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1104C	2'8"x 6'8"	B	WOOD	PT.#	FX2	MTL	PT.#	–	NONE	–		CONNECTING DOOR
1104D	[2] 2'4"x 6'8"	C	WOOD	PT.#	F5	MTL	PT.#	–	NONE	–		*BIFOLD PANTRY*
1104E	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1106	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1106A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1106B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1107	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1107A	2'4"x 6'8"	B	WOOD	PT.#	F4	MTL	PT.#	–	STONE	–		
1107B	2'4"x 6'8"	B	WOOD	PT.#	F4	MTL	PT.#	–	NONE	–		
1107D	[2] 2'4"x 6'8"	C	WOOD	PT.#	F5	MTL	PT.#	–	NONE	–		*BIFOLD PANTRY*
1109	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1109A	2'4"x 6'8"	B	WOOD	PT.#	F4	MTL	PT.#	–	STONE	–		
1109B	2'4"x 6'8"	B	WOOD	PT.#	F4	MTL	PT.#	–	NONE	–		
1109C	2'8"x 6'8"	B	WOOD	PT.#	FX2	MTL	PT.#	–	NONE	–		CONNECTING DOOR
1109D	[2] 2'4"x 6'8"	C	WOOD	PT.#	F5	MTL	PT.#	–	NONE	–		*BIFOLD PANTRY*
1111	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1111A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1111B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1112	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1112A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1112B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1113	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1113A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1113B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1114	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1114A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1114B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1114C	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1115	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1115A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1115B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1116	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1116A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1116B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1116C	2'8"x 6'8"	B	WOOD	PT.#	FX2	MTL	PT.#	–	NONE	–		CONNECTING DOOR
1117	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1117A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1117B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1118	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1118A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1118B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1119	2'8"x 6'8"	A	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1119A	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	STONE	–		
1119B	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1119C	2'4"x 6'8"	B	WOOD	PT.#	FX1	MTL	PT.#	–	NONE	–		
1120	3'0"x 6'8"	A	WOOD	PT.#	FX5	MTL	PT.#	–	STONE	–		
1120A	3'0"x 6'8"	B	WOOD	PT.#	FX5	MTL	PT.#	–	STONE	–		
1120B	3'0"x 6'8"	B	WOOD	PT.#	FX5	MTL	PT.#	–	NONE	–		

NOTES:

1. FOR BATHROOMS TILES – PLANS ELEVATIONS & DETAILS REFER TO DWGS. A-330 & 331, & 332
2. FOR GUEST ROOM ELEVATIONS REFER TO DWGS. A-330 THRU A-335.
3. FOR GUEST ROOM PLANS REFER TO DWGS A-350 THRU A-380
4. FOR TYPICAL CORRIDOR ELEVATIONS & DETAILS REFER TO DWG. A-320
5. CROSS SUBLI INDICATES FOR NEW DOORS. SCHEDULED FOR INSTALLATION WITH EXISTING FRAMES ARE APPROXIMATE & FOR ESTIMATING PURPOSES ONLY CONTRACTOR TO VERIFY EXACT DIMENSIONS PRIOR TO FABRICATION.
6. ALL GUEST ROOM ENTRANCE DOORS TO HAVE SPRING HINGES & SECURITY CHAINS

STARCK
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BELINSON ARCHITECT, PA
766 NW 107th AVENUE
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Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

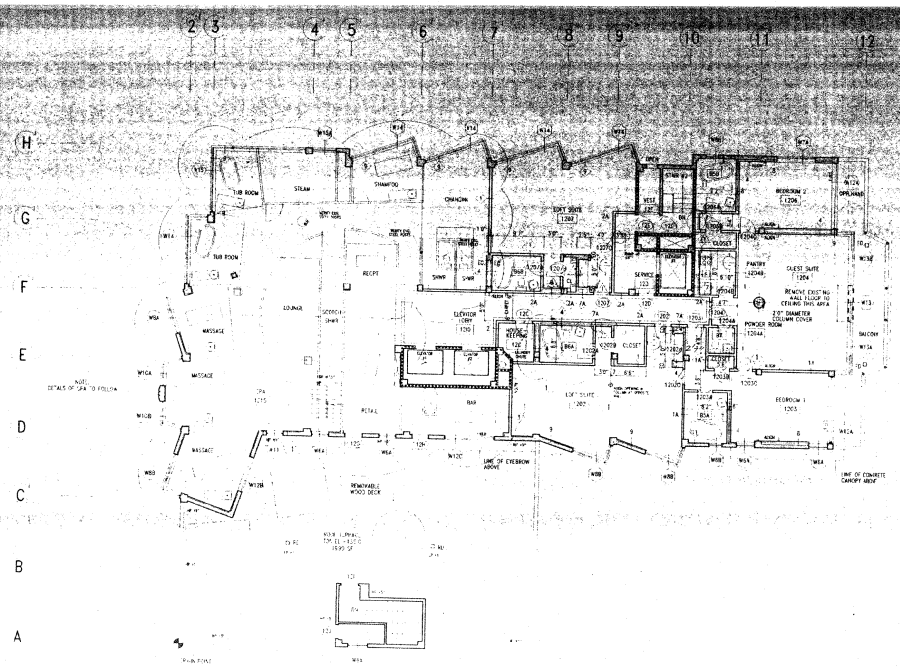
NO.	DATE	REVISION
1	9-21-94	GENERAL REVISIONS

TITLE: 11th FLOOR GUEST SUITES

DATE: 7-1-94

SCALE: 1/8" = 1'0"

DRAWING NUMBER: A 106



DOOR SCHEDULE - 12TH FLOOR

DOOR NO.	SIZE	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	SILL TYPE	SILL MATERIAL	SIZE	FIRE RATING	REMARKS
12C	3'0"x 6'8"	B	WOOD	PT#		STONE		NONE	CLOSER
12D	3'0" X 6'8"	B	WOOD	PT#		STONE		NONE	CLOSER
12E (2)	EXC			PT#		NONE		1 HR	FPSC
12G	3'0"x 6'8"	E	HM	PT#	F1	MTL		NONE	CLOSER
12H	3'0"x 6'8"	E	HM	PT#	F1	MTL		NONE	CLOSER
12I	3'0"x 6'8"	E	HM	PT#	F1	MTL		1 HR	FPSC
12J	3'0"x 6'8"	E	HM	PT#	F1	MTL		NONE	CLOSER
1200	3'0"x 6'8"	A	WOOD	PT#	F4	MTL		NONE	
1200A	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1200B	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1200C	2'0"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	CONNECTING DOOR
1200D	(3) 2'4"x 6'8"	C	WOOD	PT#	F5	MTL		NONE	BIFOLD PANTRY
1201	3'0"x 6'8"	A	WOOD	PT#	F4	MTL		NONE	
1203A	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1203B	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1203C	3'0"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	CONNECTING DOOR
1204	3'0"x 6'8"	A	WOOD	PT#	F4	MTL		NONE	
1204A	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1204B	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1204C	3'0"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	PANTRY
1206A	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1206B	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1207	3'0"x 6'8"	A	WOOD	PT#	F4	MTL		NONE	
1207A	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1207B	2'8"x 6'8"	B	WOOD	PT#	F4	MTL		NONE	
1207C	(3) 2'4"x 6'8"	C	WOOD	PT#	F5	MTL		NONE	BIFOLD PANTRY

FINISH SCHEDULE - 12TH FLOOR

DELANO HOTEL Rm NO.	SPACE	FLOOR MATERIAL	FLOOR FINISH	BASE MATERIAL	BASE FINISH	WALL-NORTH MATERIAL	WALL-NORTH FINISH	WALL-EAST MATERIAL	WALL-EAST FINISH	WALL-SOUTH MATERIAL	WALL-SOUTH FINISH	WALL-WEST MATERIAL	WALL-WEST FINISH	CEILING MATERIAL	CEILING FINISH	REMARKS
1200	ELEVATOR LOBBY	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	CARPET W/ 6" BORDER
12C	HOUSEKEEPING	E	VCT	VWB	–	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
12D	SERVICE PASSAGE	E	VCT	VWB	–	GWB	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	E/PL	PT#	
12E	STAIR VESTIBULE	E	–	NONE	–	GWB	PT#	E/PL	PT#	GWB	PT#	GWB	PT#	E/PL	PT#	
1201																
1202	LOFT GUEST SUITE	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1202A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1202B	CLOSET	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1203	GUEST SUITE	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1203A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1203B	CLOSET	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1204	GUEST LIVING ROOM	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1204A	POWDER ROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1204B	PANTRY	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1206	GUEST BEDROOM	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1206A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1206B	CLOSET	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1207	LOFT GUEST SUITE	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1207A	BATHROOM	E/SC	PT#	SC	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1207B	CLOSET	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
1215	SPA	E/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	

KEY TO INFORM:
E - EXISTING
SC - SELF LEVELING CEMENT SOLID FIL.
CP - CARPET CONTROL
EQ P. - EQUIPMENT PLATFORM
E WL PL - EXISTING BENCH W/ A PLASTER SKIM COAT - PATCH HOLES
E CW - EXISTING BENCH W/ WALL W/ PLASTER SKIM COA
E PL - EXISTING WALL W NEW PLASTER SKIM COAT
VCT - VINYL TILE
VWB - VINYL WALL BASE
ACT 1 - ACOUSTICAL PANEL CEILING
ACT 2 - ACOUSTICAL PANEL CEILING
ACT 3 - WASHABLE METAL CEILING PANELS

NOTES:
1. FOR BATHROOMS TYPES, PLANS & FINISHES SEE DWG. A-310, A-311, A-312
2. FOR GUEST ROOM ELEVATIONS REFER TO DWGS. A-330 THRU A-335.
3. FOR GUEST ROOM PLANS REFER TO DWGS. A-350 THRU A-380.
4. FOR TYPICAL CORRIDOR ELEVATIONS & DETAILS REFER TO DWG. A-390
5. ALL GUEST ROOM ENTRANCE DOORS TO HAVE SPRING HINGES & SECURITY CHAINS.

12TH FLOOR	6,850 GSF
ROOF TERRACE BALCONY	1,056 SF 330 SF

SCALE - 1" = 1/8"

PMDG architects
BEILINSON ARCHITECT PA
CONSULTING ARCHITECT
STEVEN BELLER P.E. INC.
MECHANICAL CONSULTING ENGINEER
RIVA, KLEIN & TIMMONS
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COASTAL TECH
1570 MADRUGA AVENUE
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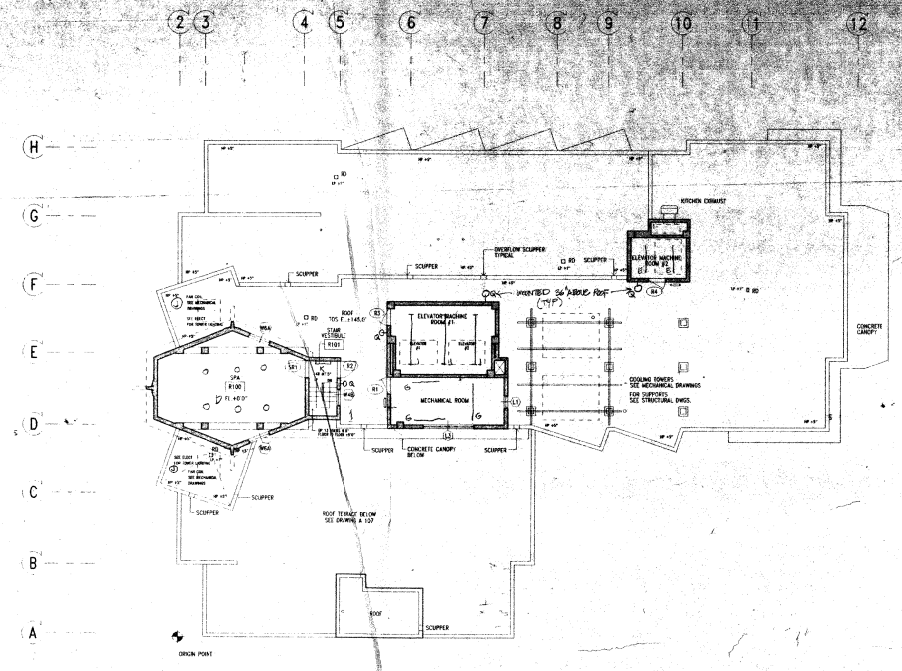
CIVIL ENGINEERS
1685 HOTEL CORPORATION
235 WEST 46TH STREET
NEW YORK, NY 10036
OWNER

Delano Hotel
1685 Collins Avenue
Miami Beach, Florida

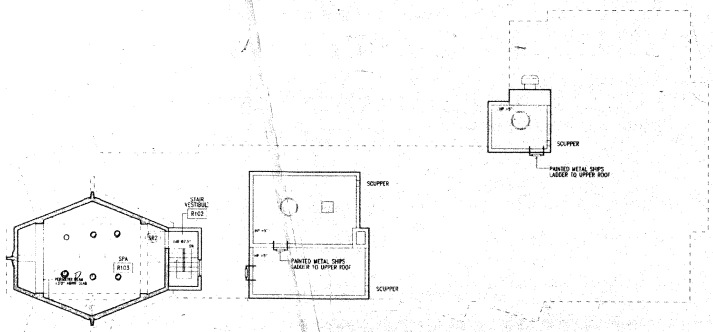
NO	DATE	REVISION
1	9-27-94	GENERAL REVISIONS

TITLE: 12th FLOOR PENTHOUSE SUITES, SPA & ROOF TERRACE

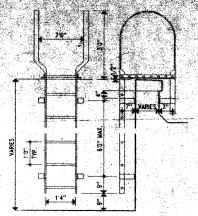
DATE: 7-1-94
SCALE: 1/8" = 1'-0"
DRAWING NUMBER: A 107



13TH FLOOR – ROOF / MECHANICAL PENTHOUSE



14TH FLOOR & ROOFS



VERTICAL LADDER AT PARAPET
SCALE 1/2" = 1'0"

DOOR SCHEDULE – 13TH & 14TH FLOORS

DOOR NO.	SIZE	TYPE	MATERIAL	FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	SILL TYPE	SILL MATERIAL	HDWR	FIRE RATING	REMARKS
R1	3'0"x 6'8"	C	HM	PT#	F1	MTL	PT#		MTL	–	NONE	
R2	3'0"x 6'8"	C	HM	PT#	F1	MTL	PT#		MTL			
R3	3'0"x 6'8"	C	HM	PT#	F1	MTL	PT#		MTL			
R4	3'0"x 6'8"	C	HM	PT#	F1	MTL	PT#		MTL			
SR1	2'0"x 6'8"	F	HM	PT#	F1	MTL	PT#		NONE		NONE	
SR2	2'0"x 6'8"	F	HM	PT#	F1	MTL	PT#		NONE		NONE	

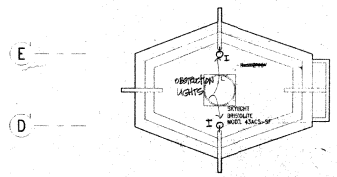
FINISH SCHEDULE – 13TH & 14TH FLOOR

DELANO HOTEL		FLOOR		BASE		WALL–NORTH		WALL–EAST		WALL–SOUTH		WALL–WEST		CEILING		
RM NO.	SPACE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	REMARKS
R100	SPA – ADMINISTRATION	C/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
R101	STAIR VESTIBULE	C/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
R102	STAIR VESTIBULE	C/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	
R103	SPA – MEDITATION ROOM	C/SC	PT#	WOOD	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	GWB	PT#	

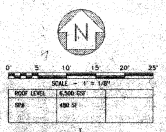
NOTES:
1. MECHANICAL ROOMS: EXISTING WALLS TO BE SCRAPED OF LOOSE PAINT & EXTRANEOUS MATERIALS, PLASTER PATCHED & PAINTED

KEY TO FINISHES:

E –	EXISTING
SC –	SELF LEVELING CEMENTITIOUS FILL
CC –	EXISTING CONCRETE
EC-PL –	EXISTING CONCRETE W/ PLASTER SKIM COAT (PATCH HOLES)
E/GWB-PL –	EXISTING & NEW CMU WALL W/ PLASTER SKIM COAT
E-PL –	EXISTING WALL W/ NEW PLASTER SKIM COAT
VT –	VINYL TILE
VB –	VINYL WALL BASE
ACT 1 –	ACOUSTICAL PANEL CEILING
ACT 2 –	ACOUSTICAL PANEL CEILING
ACT 3 –	WASHABLE METAL CEILING PANELS



UPPER ROOF



ROOF LEVEL	6,500 SQ'
1000	4500 SF

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9 RUE VIEILLE MONTMARTRE
75018 PARIS FRANCE
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231 WEST 46th STREET
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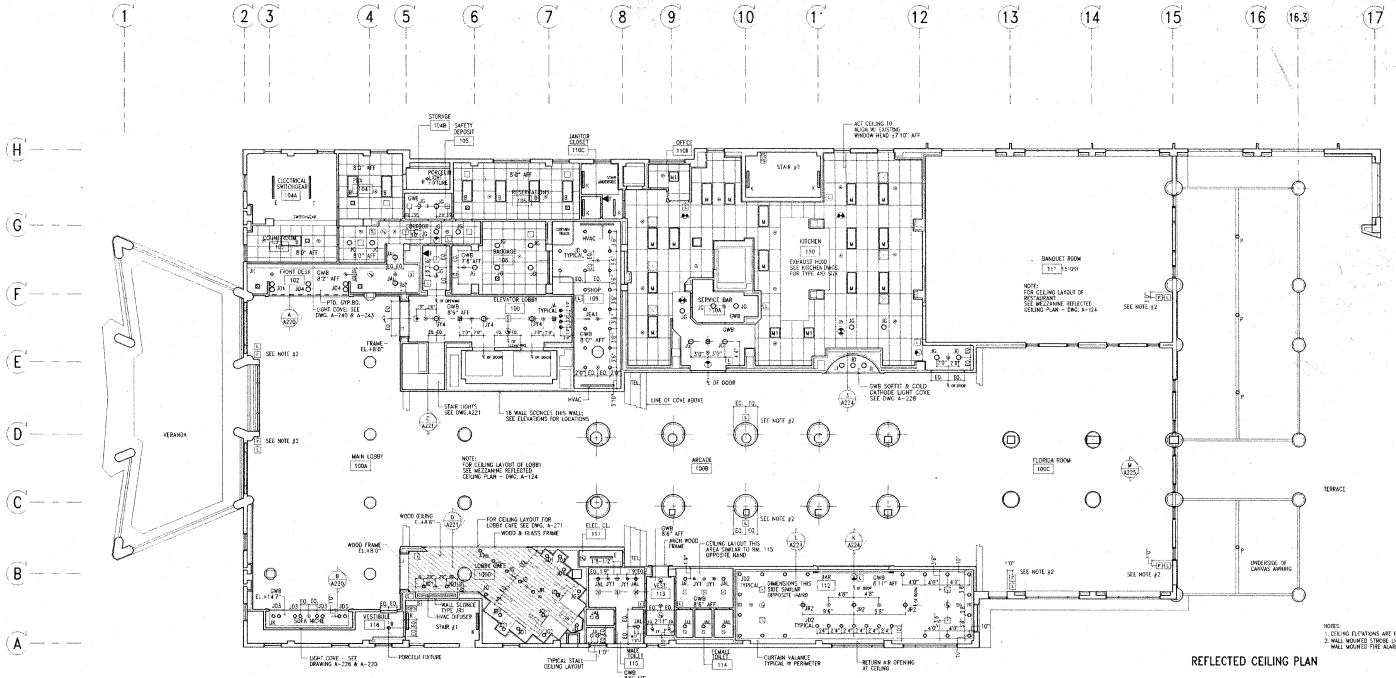
TEL: 212-575-4000
OWNER

Delano Hotel
1685 Collins Avenue
Miami Beach, Florida

NO	DATE	REVISION
1	7-1-94	LIGHT FIXTURES

TITLE: ROOF & MECHANICAL PENTHOUSE

DATE: 7-1-94
SCALE: 1/8" = 1'0"
DRAWING NUMBER: A 108

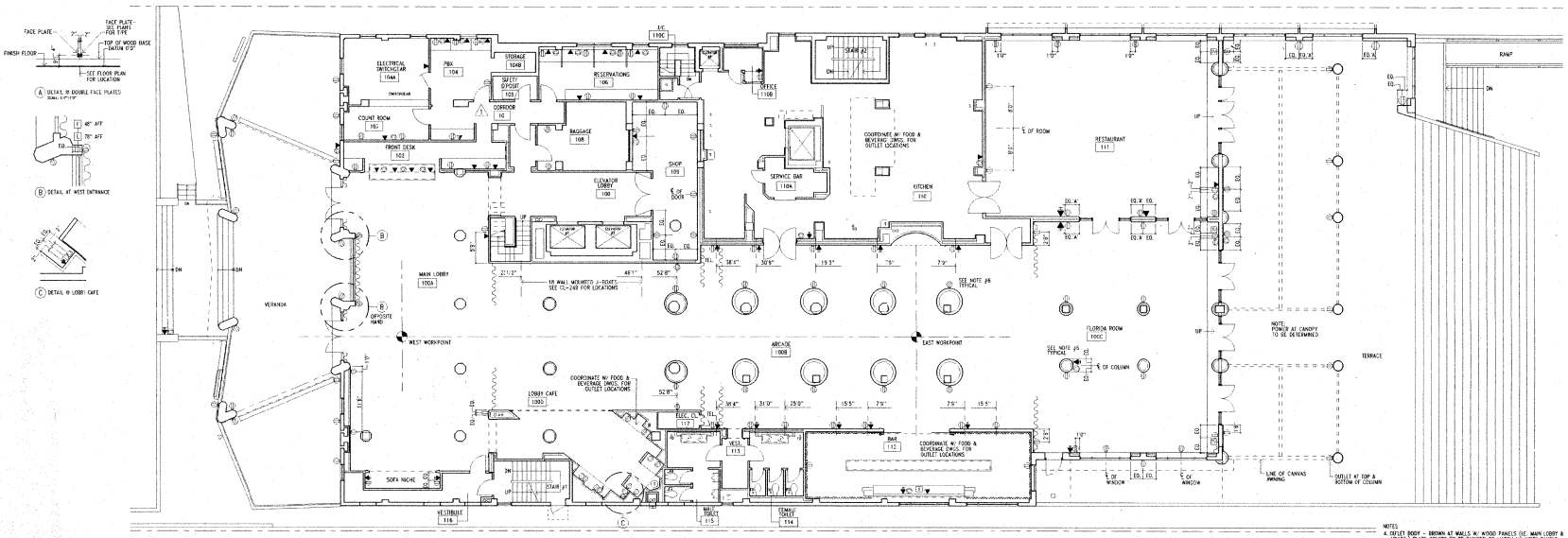


REFLECTED CEILING PLAN

LEGEND

- CEILING MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED WALL WASHER
- MIRROR OUTLET
- DUPLEX OUTLET
- QUADRAPLEX OUTLET
- RECESSED SPRINKLER HEAD
- WALL MOUNTED SPRINKLER HEAD
- SPRINKLER HEAD
- CABLE OUTLET
- SMOKE DETECTOR
- CEILING MOUNTED JUNCTION BOX
- STROBE LIGHT-FIRE SERVICE
- FIRE PULL BOX
- CEILING MOUNTED SPEAKER
- TELEPHONE
- HOUSE TELEPHONE
- PUBLIC TELEPHONE
- VOICE / DATA LINE
- POINT OF SALE
- HVAC DIFFUSER-SUPPLY
- HVAC DIFFUSER-RETURN
- WALL MOUNTED HVAC DIFFUSERS
- DIRECTIONAL EXIT SIGNS

NOTES:
1. CEILING ELEVATIONS ARE FROM DATUM 0'0" UNLESS NOTED OTHERWISE.
2. WALL MOUNTED STROBE LIGHT TO BE 6'6" AFF
WALL MOUNTED FIRE ALARM PULL TO BE 4'0" AFF



TELEPHONE & ELECTRIC LAYOUT

NOTES
4. OUTLET BOXES - BROWN AT WALLS W/ WOOD PANELS (I.E. MAIN LOBBY & ARCADE) & WHITE COVERS TO BE PAINTED TO MATCH WALL/CEILING PANELS.
5. OUTLET BOXES - WHITE AT WALLS W/ WHITE PAINT (I.E. KITCHEN, FLORIDA ROOM, RESTAURANT, LOBBY BAR, ELEVATOR LOBBY & BACK OF HOUSE.
6. OUTLETS TO BE CENTERED ON COLUMNS THROUGHOUT.

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Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

RECEIVED
DEC 16 1994
PLANNING & ZONING DIVISION

NO.	DATE	REVISION
2	12-15-94	CONFORMING SET
1	9-30-94	CEILING LAYOUT & TBE LAYOUT

TITLE:

FIRST FLOOR PLAN
REFLECTED CEILING PLAN
TELEPHONE & ELECTRIC LAYOUT

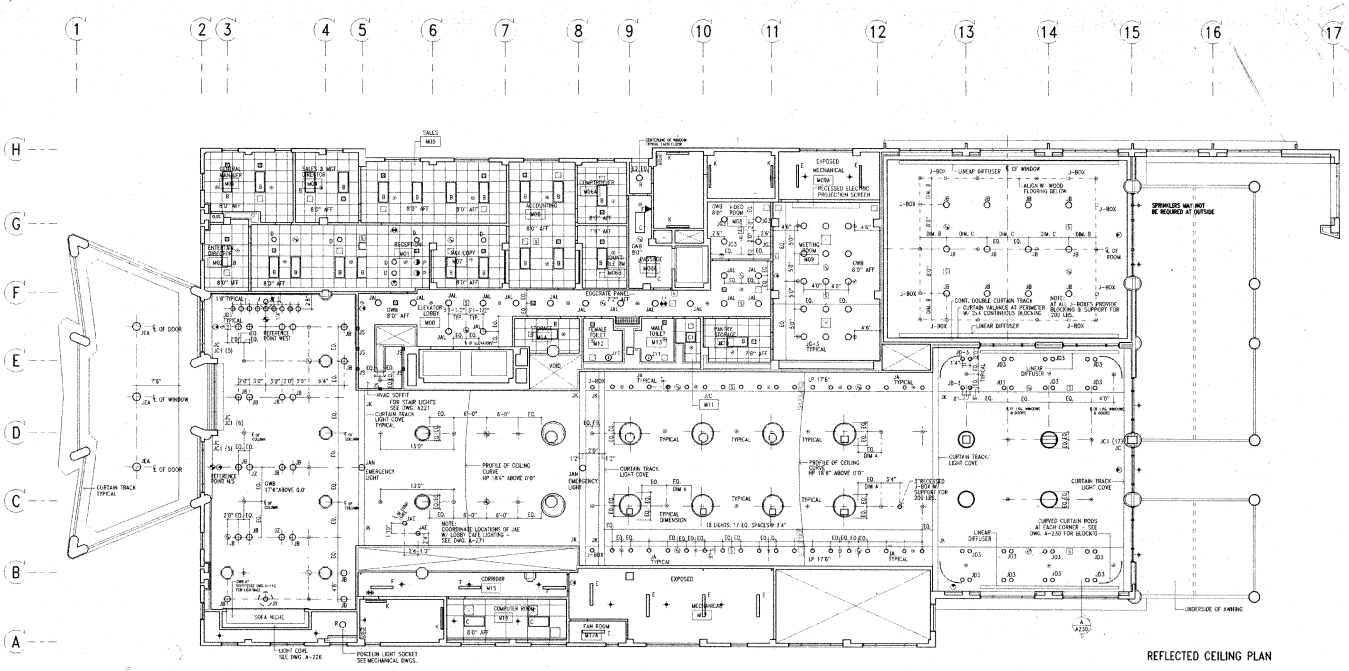
DATE: 7-1-94

SCALE: 1/8" = 1'0"

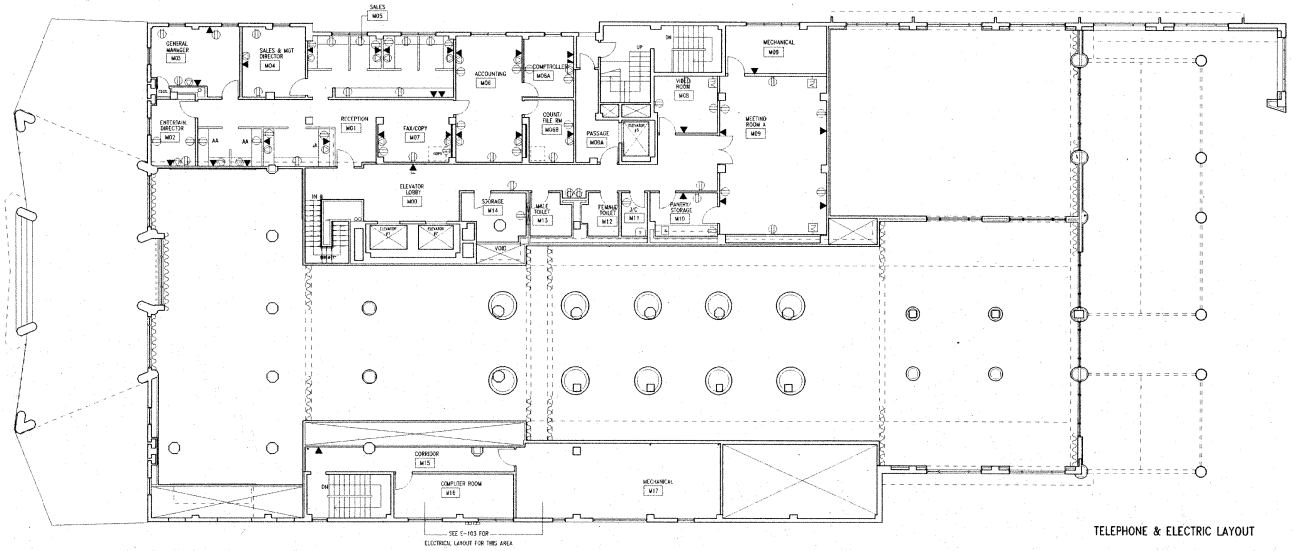
DRAWING NUMBER:

A 112

OF 5HT



REFLECTED CEILING PLAN



TELEPHONE & ELECTRIC LAYOUT

LEGEND

- CEILING MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED WALL WASHER
- MIRROR OUTLET
- DUPLEX OUTLET
- QUADRAPLEX OUTLET
- RECESSED SPRINKLER HEAD
- WALL MOUNTED SPRINKLER HEAD
- SPRINKLER HEAD
- CABLE OUTLET
- SMOKE DETECTOR
- CEILING MOUNTED JUNCTION BOX
- STROBE LIGHT-FIRE SERVICE
- FIRE PULL BOX
- CEILING MOUNTED SPEAKER
- TELEPHONE
- HOUSE TELEPHONE
- PUBLIC TELEPHONE
- VOICE / DATA LINE
- POINT OF SALE
- HVAC DIFFUSER-SUPPLY
- HVAC DIFFUSER-RETURN
- WALL MOUNTED HVAC DIFFUSERS
- DIRECTIONAL EXIT SIGNS

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CIVIL ENGINEERS

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235 WEST 46th STREET
NEW YORK, NY 10036
TEL. 212-575-0200
OWNER

Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

RECEIVED
DEC 16 1994
MURPHY SINGER BOND

NO.	DATE	REVISION
2	12-15-94	CONFORMING SET
1	9-30-94	GENERAL REVISIONS

TITLE: MEZZANINE FLOOR
REFLECTED CEILING PLAN
TELEPHONE & ELECTRIC LAYOUT

DATE: 7-1-94

SCALE: 1/8" = 1'0"

DRAWING NUMBER: A 113

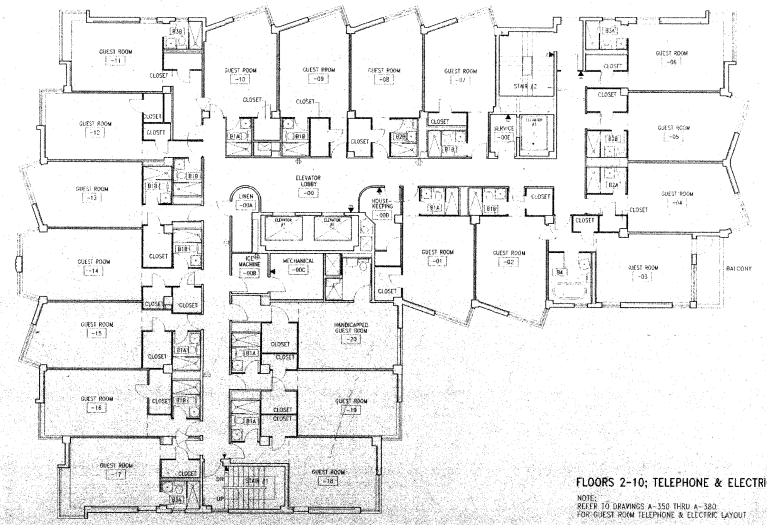
OF SHEETS

FLOORS 2-10; REFLECTED CEILING PLAN

NOTE:
REFER TO DRAWINGS A-350 THRU A-380 (REVISED)
FOR GUEST ROOM CEILING & LIGHTING LAYOUT
SEE CL-15 FOR CORRIDOR LIGHTS LAYOUT

LEGEND

- CEILING MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED WALL WASHER
- MIRROR OUTLET
- DUPLEX OUTLET
- QUADRUPLEX OUTLET
- RECESSED SPRINKLER HEAD
- WALL MOUNTED SPRINKLER HEAD
- SPRINKLER HEAD
- CABLE OUTLET
- SMOKE DETECTOR
- CEILING MOUNTED JUNCTION BOX
- CEILING MOUNTED SPEAKER
- TELEPHONE
- HOUSE TELEPHONE
- PUBLIC TELEPHONE
- VERIFY DATA OUT
- POINT OF SALE
- HVAC DIFFUSER-SUPPLY
- HVAC DIFFUSER-RETURN
- WALL MOUNTED HVAC DIFFUSERS
- DIRECTIONAL EXIT SIGNS



FLOORS 2-10; TELEPHONE & ELECTRIC LAYOUT

NOTE:
REFER TO DRAWINGS A-350 THRU A-380
FOR GUEST ROOM TELEPHONE & ELECTRIC LAYOUT

STARCK
3 RUE DE LA ROQUETTE
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STRUCTURAL CONSULTING ENGINEER

COASTAL TECH
1570 MADRUGA AVENUE
CORAL GABLES, FL 33146
CIVIL ENGINEERS

1685 HOTEL CORPORATION
235 WEST 46th STREET
NEW YORK, NY 10036
OWNER

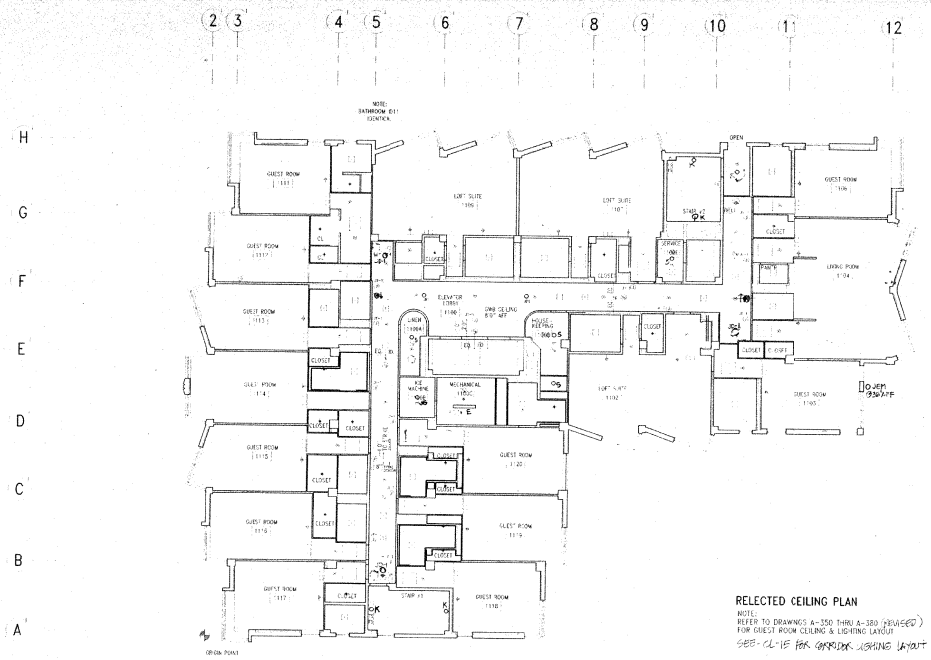
Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

NO.	DATE	REVISION
4	7-22-94	GENERAL REVISION TO DRAWING
3		
2		
1	1-16-94	FIGURE LAYOUT
0	1-21-94	GENERAL REVISIONS

SITE: TYPICAL GUEST ROOMS
FLOORS 2 – 10
REFLECTED CEILING PLAN
TELEPHONE & ELECTRIC LAYOUT

DATE: 1-1-94
SCALE: 1/8" = 1'0"
DRAWING NUMBER: A 115



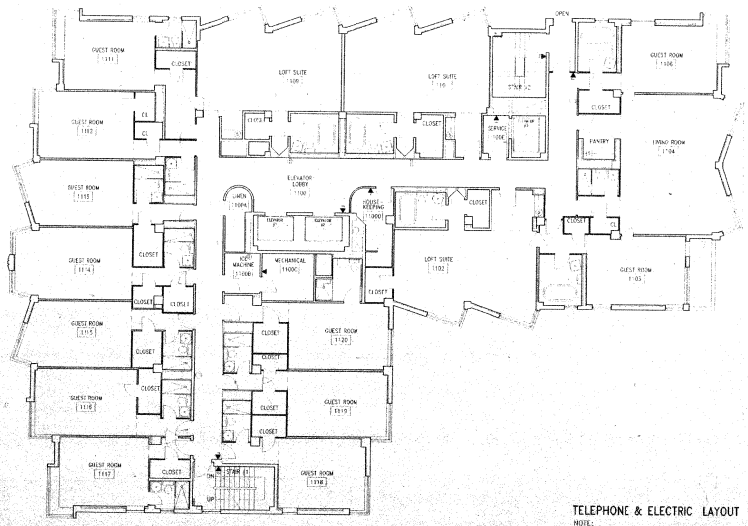
RELECTED CEILING PLAN

NOTE:
REFER TO DRAWINGS A-350 THRU A-380 (REVISED)
FOR GUEST ROOM CEILING & LIGHTING LAYOUT

SEE CL-1E FOR CORRIDOR LIGHTING LAYOUT

LEGEND

CEILING MOUNTED LIGHT FIXTURE	CEILING MOUNTED SPEAKER
WALL MOUNTED LIGHT FIXTURE	TELEPHONE
CEILING MOUNTED WALL WASHER	HOME TELEPHONE
MIRROR OUTLET	PUBLIC TELEPHONE
SHAVER OUTLET	CABLE TV OUTLET
DUAL/PANEL OUTLET	TEMP OF SAFE
RECESSED SPRINKLER HEAD	HVAC DIFFUSER-SUPPLY
WALL MOUNTED SPRINKLER HEAD	HVAC DIFFUSER-RETURN
SPRINKLER HEAD	
CABLE OUTLET	WALL MOUNTED HVAC DIFFUSER
SMOKE DETECTOR	
CEILING MOUNTED JUNCTION BOX	MULTI-FUNCTIONAL WALL PLATE



TELEPHONE & ELECTRIC LAYOUT

NOTE:
REFER TO DRAWINGS A-350 THRU A-380
FOR GUEST ROOM TELEPHONE & ELECTRIC LAYOUT

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Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

NO.	DATE	REVISION
2	11-16-94	FIXTURE LAYOUT
1	9-21-94	GENERAL REVISIONS

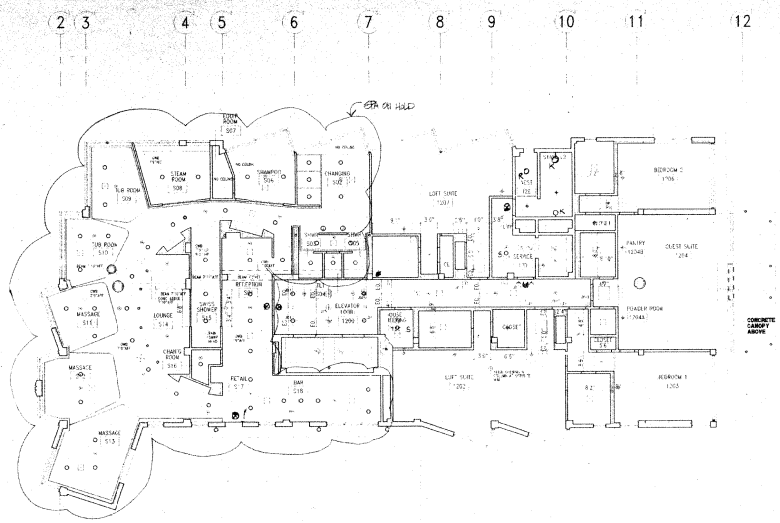
TITLE:
11th FLOOR
GUEST SUITES
RELECTED CEILING PLAN
TELEPHONE & ELECTRIC LAYOUT

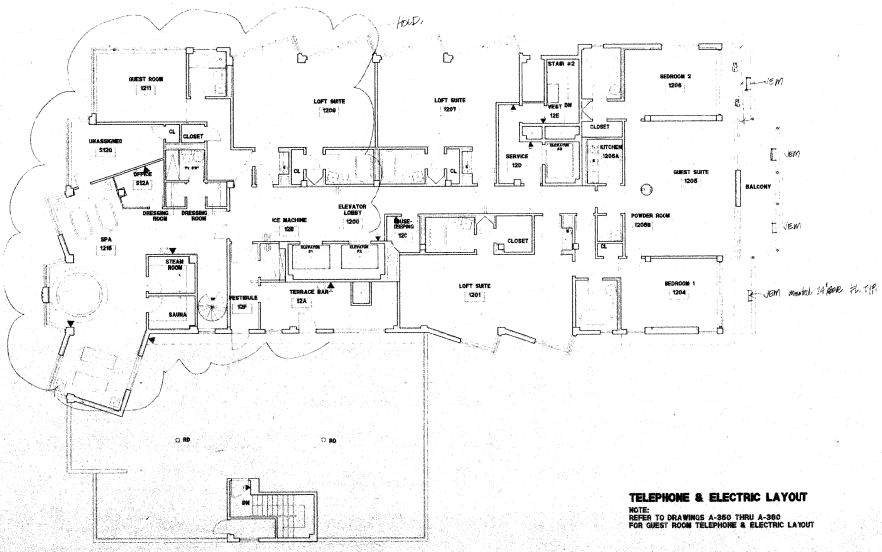
DATE: 7-1-94

SCALE: 1/4" = 1'0"

DRAWING NUMBER:
A 116

RECEIVED
NOV 22 1994
PLANNING BOARD OFFICE





REFLECTED CEILING PLAN

NOTE:
- REFER TO DRAWINGS A-350 THRU A-380 (REVISED) FOR GUEST ROOM CEILING & LIGHTING LAYOUT.

2. SEE CL FOR CORRIDOR LIGHTING LAYOUT
3. SPA AREA ON HOLD

LEGEND

CEILING MOUNTED LIGHT FIXTURE	S CEILING MOUNTED SPEAKER
WALL MOUNTED LIGHT FIXTURE	TELEPHONE
CEILING MOUNTED WALL WASHER	HOUSE TELEPHONE
MIRROR OUTLET	PUBLIC TELEPHONE
DUPLEX OUTLET	VOICE DATA LINE
SLAB-EDGE OUTLET	PHONE OR SMOKE
RECESSED SPRINKLER HEAD	HVAC DIFFUSER-SUPPLY
WALL MOUNTED SPRINKLER HEAD	HVAC DIFFUSER RETURN
SPRINKLER HEAD	
CABLE OUTLET	WALL MOUNTED HVAC DIFFUSER
SMOKE DETECTOR	
CEILING MOUNTED JUNCTION BOX	DIRECTIONAL LIGHTING

TELEPHONE & ELECTRIC LAYOUT

NOTE:
REFER TO DRAWINGS A-350 THRU A-380 FOR GUEST ROOM TELEPHONE & ELECTRIC LAYOUT

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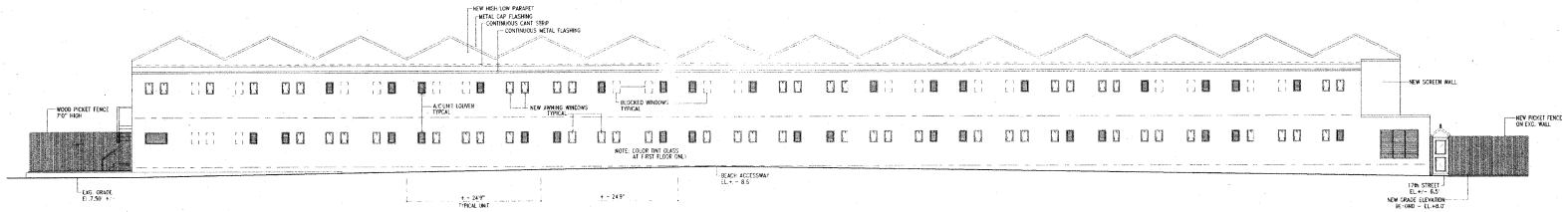
Miami Beach, Florida

NO.	DATE	REVISION
2	11-1-94	REVISIONS TO SPA
1	9-21-94	GENERAL REVISIONS

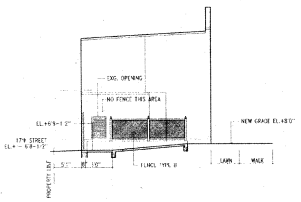
TITLE:
12th FLOOR
PENTHOUSE SUITES, SPA & ROOF TERRACE
REFLECTED CEILING PLAN
TELEPHONE & ELECTRIC LAYOUT

DATE: 7-1-94
SCALE: 1/8" = 1'-0"
DRAWING NUMBER:
A 117
OF SHEETS

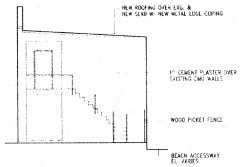
1 SOUTH ELEVATION
SCALE: 1/8"=1'0"



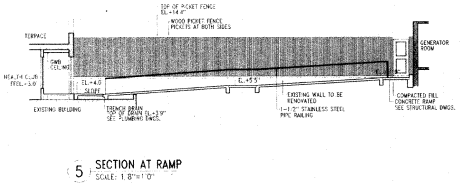
2 NORTH ELEVATION
SCALE: 1/8"=1'0"



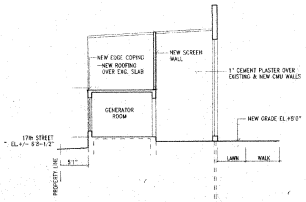
3 WEST ELEVATION
SCALE: 1/8"=1'0"



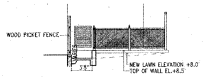
4 EAST ELEVATION
SCALE: 1/8"=1'0"



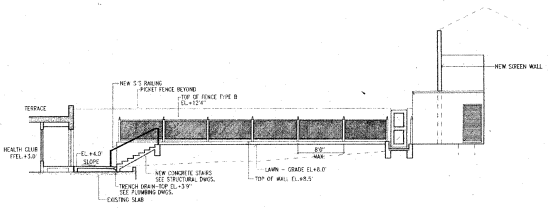
5 SECTION AT RAMP
SCALE: 1/8"=1'0"



3A WEST ELEVATION
SCALE: 1/8"=1'0"



7 SECTION AT RAMP
SCALE: 1/8"=1'0"



6 SECTION AT STAIRS
SCALE: 1/8"=1'0"

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Miami Beach, Florida

NO.	DATE	REVISION
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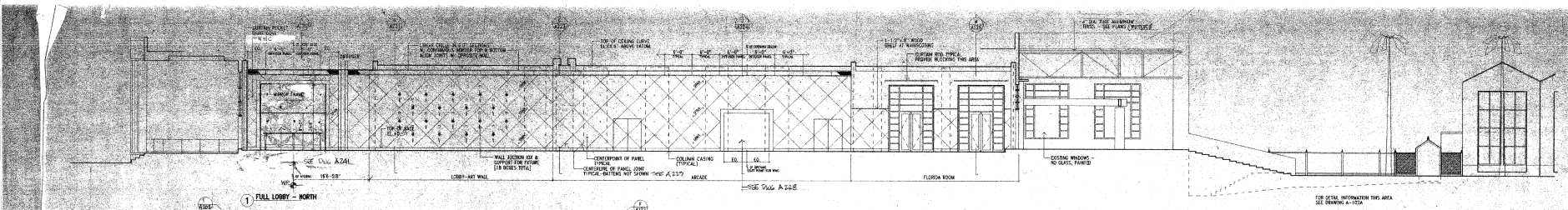
TITLE: POOL SIDE ROOMS ELEVATIONS & RAMP SECTIONS

DATE: 7-1-94

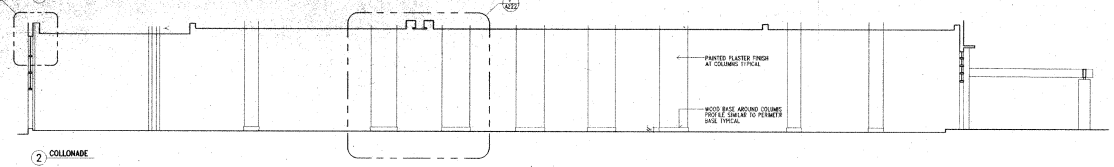
SCALE: 1/8" = 1'0"

DRAWING NUMBER: A 120

OF SHEETS

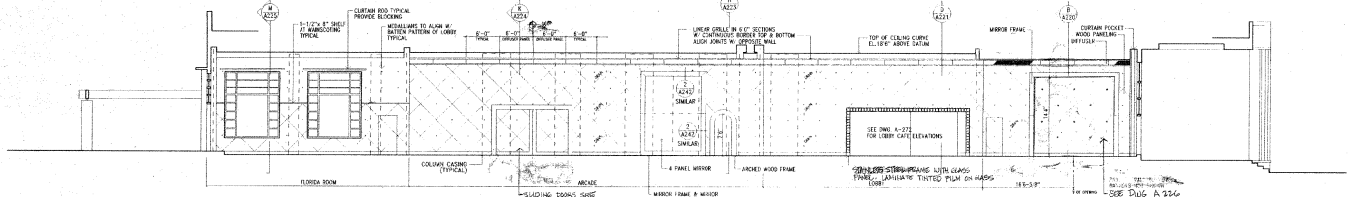


1 FULL LOBBY - NORTH

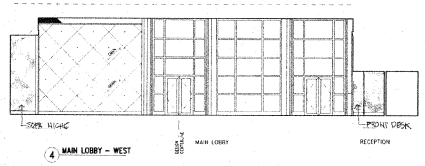


2 COLLONADE

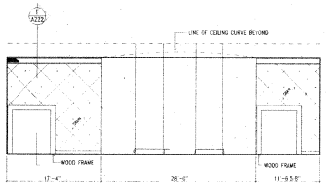
NOTES:
1. DIAGONAL LINES ON ELEVATIONS REFER TO CENTERLINE OF BATTEN; SEE DRAWING A-228 FOR BASE, BATTEN & HVAC GRILLE DETAILS



3 FULL LOBBY - SOUTH



4 MAIN LOBBY - WEST



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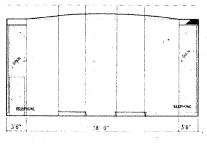
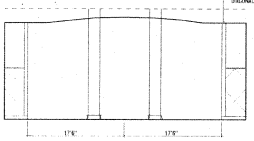
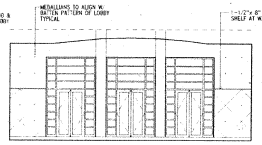


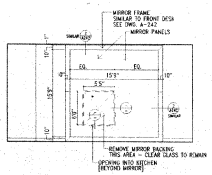
6 ARCADE - WEST



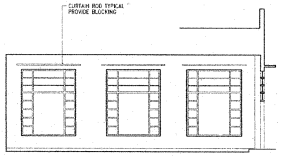
7 FLORIDA ROOM - WEST



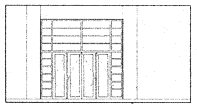
8 FLORIDA ROOM - EAST



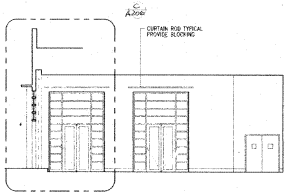
9 RESTAURANT - WEST



10 RESTAURANT - NORTH



11 RESTAURANT - EAST



12 RESTAURANT - SOUTH

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NO	DATE	REVISION
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TITLE
FIRST FLOOR INTERIOR ELEVATIONS

DATE 7-1-94

SCALE: 1/8" = 1'0"

DRAWING NUMBER:
A 130

OF SHEETS

G E N E R A L N O T E S

CONSTRUCTION NOTES:

00200 BUILDING CODES:

SOUTH FLORIDA BUILDING CODE - 1988 DADE COUNTY EDITION
CHAPTER 16B-33, FLORIDA ADMINISTRATIVE CODE
FRAME DESIGNED AS PER ARCE 7-88 EXPOSURED (110 MPH)

00300 STRUCTURAL LOADING:

THE STRUCTURE HAS BEEN DESIGNED IN ACCORD WITH THE BUILDING CODE AND/OR MORE RESTRICTIVE REQUIREMENTS FOR LOADS AS GIVEN BELOW UNLESS SPECIFIC AREAS OF THE DRAWING SPECIFICALLY CALL FOR DIFFERENT LOADING CRITERIA.

GRAVITY LOADING	UNIFORM LIVE LOAD
ROOMS	40 PSF
PUBLIC AREAS	100 PSF

1051 DRAWING DIMENSIONS AND COORDINATION:

DIMENSIONAL INFORMATION, PRICING, ALL DETAILS AND CONSTRUCTION SHALL BE BASED ON THE ENTIRE SET OF CONTRACT DOCUMENTS. COORDINATE THE REQUIREMENTS OF ALL PROFESSIONALS. USE INFORMATION FROM APPROVED SHOP DRAWINGS TO SUPPLEMENT CONTRACT DOCUMENTS WHERE NECESSARY. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING.

WHERE CRITICAL DIMENSIONS CANNOT BE DETERMINED FROM THE PLANS, OR WHERE NEW WORK ADJOINS EXISTING CONSTRUCTION, OR WHERE ONE MATERIAL ADJOINS A PREVIOUSLY PLACED MATERIAL WITH A MORE RESTRICTIVE TOLERANCE THAN THE IN-PLACE MATERIAL, CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AS REQUIRED TO COMPLETE SHOP DRAWINGS AND INSTALLATION. REPORT ANY DISCREPANCIES EXCEEDING 1% BETWEEN FIELD MEASURED DIMENSIONS AND SCALED DRAWING DIMENSIONS TO ARCHITECT BEFORE PROCEEDING WITH WORK.

WHERE A LINE OF STRUCTURE, OPENING LOCATION, OR DIMENSION IS CRITICAL AND BASED ON THE REQUIREMENTS OF ANOTHER TRADE OR SUBCONTRACTOR, THAT SUBCONTRACTOR SHALL SUBMIT A SHOP DRAWING WITH THE REQUIRED DIMENSIONAL INFORMATION UPON WHICH THE CONTRACTOR SHALL BASE THE LAYOUT AND CONSTRUCTION. THIS PROCEDURE IS MANDATORY FOR CURTAIN WALL SYSTEMS, ARCHITECTURAL PRECAST SYSTEMS, AND ALL MECHANICAL AND ELECTRICAL OPENINGS.

THE ENGINEER WILL CLOUD OR OTHERWISE INDICATE REVISIONS TO THESE DOCUMENTS ONLY AFTER THEY HAVE BEEN ISSUED FOR CONSTRUCTION OR FINAL PRICING. CHANGES PRIOR TO THAT DATE WILL NOT BE CLOUDED. CHANGES AND/OR REVISIONS AFTER THE CONSTRUCTION OR FINAL PRICING ISSUE WILL BE CLOUDED IN AN ATTEMPT TO BRING TO THE CONTRACTOR'S ATTENTION ANY MAJOR ITEMS. HOWEVER, IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE PRICING AND CONSTRUCTION OF ALL REQUIREMENTS OF THESE DOCUMENTS, INCLUDING REVISIONS (FLAGGED OR UN-FLAGGED) WITH ALL OF HIS SUPPLIERS AND SUBCONTRACTORS.

02200 EARTHWORK:

CONTRACTOR SHALL DEWATER SITE AS NECESSARY, SO THAT ALL CONCRETE CAN BE PLACED IN THE DRY. ALL BACKFILL SHALL BE ACCOMPLISHED USING MATERIAL CONSISTING OF CRUSHED STONE AND/OR MATERIAL APPROVED BY THE GEOTECHNICAL ENGINEER. THE BACKFILL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557. NO BACKFILL MATERIAL SHALL BE PLACED AGAINST WALLS WHICH DO NOT HAVE PERMANENT FLOORS AT THE TOP AND BOTTOM WITHOUT PROVISIONS FOR ADEQUATE TEMPORARY BRACING OF THOSE WALLS. PROVIDE ADEQUATE EXCAVATION BRACING IN ACCORD WITH GEOTECHNICAL ENGINEER RECOMMENDATIONS TO MAINTAIN EXISTING FOOTINGS, UTILITIES, AND OTHER IMPROVEMENTS IN A SAFE CONDITION.

02210 STRUCTURAL FILL:

FOUNDATIONS PLACED ON COMPACTED LIMEROCK STRUCTURAL FILL HAVE BEEN DESIGNED FOR A BEARING OF 2000 PSF. FILL TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D1557. PLACE FILL IN LAYERS OF 8" THICK MAXIMUM AND UNDER THE DIRECT SUPERVISION OF A GEOTECHNICAL ENGINEER. FILL TO BE TESTED TO VERIFY COMPACTION.

03100 FORMWORK:

CONTRACTOR SHALL DESIGN AND ERECT FORMWORK IN STRICT COMPLIANCE WITH ACI 347R-80. SEE TYPICAL DETAILS FOR CAMBER REQUIREMENTS. CONTRACTOR SHALL COORDINATE ALL OPENINGS AS REQUIRED FOR OTHER TRADES. OPENINGS WHERE SHOWN ON THE STRUCTURAL DRAWINGS ARE TO IDENTIFY DESIGN INTENT ONLY. THE SPECIFIC DIMENSIONS AND LOCATIONS SHALL BE FURNISHED OR CONFIRMED BY THE TRADE REQUIRING THE OPENING. PROVIDE CHAMFERS AT ALL CORNERS IN CONCRETE MEMBERS EXPOSED TO VIEW. FORMWORK TO REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED ENOUGH STRENGTH TO SUPPORT ALL DEAD LOADS PLUS A MINIMUM OF 50 PSF OF ADDITIONAL CONSTRUCTION LOAD. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

03200 CONCRETE REINFORCEMENT:

WORK SHALL BE IN ACCORD WITH ACI 301-89, ACI 315-88, ACI 318-89, CRSI "MANUAL OF STANDARD PRACTICE" 1990, CRSI "PLACING REINFORCING BARS" 1981, WRI "MANUAL OF STANDARD PRACTICE", 1992. BARS SHALL CONFORM TO ASTM SPECIFICATION A615(S1), GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. WELDED BAR MATS SHALL CONFORM TO ASTM A495. SEE TYPICAL DETAILS FOR SPLICE REQUIREMENTS. TOTAL STEEL AT LAP SPLICES SHALL NOT EXCEED 8%. THEREFORE, MEMBERS WITH REINFORCING RATIO NOT EXCEEDING 4% MAY HAVE ALL BARS LAPPED. 5.3% MAY HAVE 1/2 BARS LAPPED, AND 6.0% MAY HAVE 1/3 BARS LAPPED. ALL IN ACCORD WITH ACI 315-88. MECHANICAL CONNECTORS SHALL BE IN ACCORD WITH ACI 439.3R-83. WELDING SHALL BE IN ACCORD WITH AWS D1.4-92 AND PERFORMED ONLY UNDER DIRECT SUPERVISION OF OWNER'S REPRESENTATIVE.

CONCRETE COVER REQUIRED AS FOLLOWS:

CAST AGAINST AND EXPOSED TO EARTH	3"
FORMED, EXPOSED TO EARTH OR WEATHER	
#6 AND LARGER	2"
#5 AND SMALLER	1-1/2"
SLABS AND WALLS - NO WEATHER EXPOSURE	
2 HOUR FIRE RATING AND LESS	3/4"
3 HOUR FIRE RATING AND MORE	1"
JOISTS - NO WEATHER EXPOSURE	
1 HOUR FIRE RATING	3/4"
2 HOUR FIRE RATING	1"
3 HOUR FIRE RATING AND MORE	1-1/4"
COLUMNS AND BEAMS - TIES OR STIRRUPS	1-1/2"

F'c=4000 PSI

BAR SIZE	COMP LAP	VERTICAL TENSION BARS	HORIZONTAL TENSION BARS	HOOKED BAR DEVELOPMENT SPECI.	HOOKED BAR DEVELOPMENT GENERL
#3	1-0	1-0	1-4	0-6	0-6
#4	1-3	1-4	1-10	0-7	0-8
#5	1-7	1-8	2-3	0-8	0-10
#6	1-11	1-11	2-9	0-10	1-0
#7	2-3	2-6	3-5	0-11	1-2
#8	2-6	2-3	4-7	1-1	1-4
#9	2-10	4-1	5-9	1-2	1-6
#10	3-2	5-3	7-4	1-4	1-8
#11	3-6	6-5	9-0	1-6	1-10

3300 CAST-IN-PLACE CONCRETE:

TO BE MIXED AND PLACED IN ACCORDANCE WITH ACI 301-84. ALL REINFORCED CONCRETE TO HAVE 28 DAY COMPRESSIVE STRENGTHS AS FOLLOWS:
ALL STRUCTURAL ELEMENTS F'C = 4000 PSI UNLESS NOTED OTHERWISE

03600 GROUT:

GROUTING IS CLASSIFIED AS "PRECISION GROUTING" FOR SUPPORT OF OPERATING MACHINE BASES, EQUIPMENT SUBJECT TO THERMAL MOVEMENT, AND BASE PLATES, BEARING PLATES, AND EXPANSION BEARINGS EXCEEDING 8" IN LEAST DIMENSION. ALL OTHER GROUTING MAY BE "ORDINARY GROUTING". METALLIC AGGREGATE GROUT MAY BE USED ONLY IN INTERIOR APPLICATIONS NOT EXPOSED TO VIEW IN FINISHED BUILDING AREAS. USE ORDINARY CEMENT GROUT ONLY WHERE SPECIFICALLY NOTED AS "CEMENT GROUT" ON DETAILS. USE NON-SHRINK GROUT FOR ALL OTHER LOCATIONS. PRECISION GROUT SHALL CONFORM TO CRD-C621-80 WHEN MIXED TO FLUID CONSISTENCY OF 22 TO 25 SECONDS (FLOW CONE METHOD, CRD-C611-80). REQUIRED 28 DAY STRENGTHS SHALL BE AS FOLLOWS:

CEMENT GROUT	1800 PSI
NON-SHRINK GROUT	5000 PSI
PRECISION GROUT	6500 PSI

04220 CONCRETE UNIT MASONRY:

ALL MASONRY CONSTRUCTION TO BE IN ACCORDANCE WITH "SPECIFICATION FOR CONCRETE MASONRY CONSTRUCTION", ACI 531-76 (REV 1983) AND ALL APPLICABLE LOCAL BUILDING CODE PROVISIONS. ALL MASONRY WALLS TO BE CONSTRUCTED ENTIRELY OF UNITS CONFORMING TO ASTM C 90; AND REINFORCED WITH #9 GAGE LADDER TYPE HORIZONTAL MASONRY REINFORCING LOCATED AT 16" O.C. ALL MASONRY TO BE LAID IN TYPE "S" MORTAR (1800 PSI ON THE JOB) WITH FULL HEAD AND BED JOINTS. ALL MASONRY CONSTRUCTION TO BE EITHER BOUND BY TIE BEAM, THE COLUMN MEMBERS OR TIED TO FRAME BY EXTENDING HORIZONTAL JOINT REINFORCING A MINIMUM OF 4" INTO CONCRETE TIE-COLUMN.

4230 REINFORCED UNIT MASONRY:

ALL REINFORCED MASONRY CONSTRUCTION SHALL BE IN ACCORD WITH APPLICABLE PROVISIONS OF CONCRETE REINFORCEMENT, CAST-IN-PLACE CONCRETE, AND CONCRETE MASONRY. VERTICAL REINFORCING SHALL ANCHOR INTO SUPPORTING CONCRETE MEMBERS A CLASS "C" LAP LENGTH PLUS 3" OR FULL DEPTH PLUS A STANDARD HOOK. LAPS WITHIN REINFORCED MASONRY SHALL BE 48 BAR DIAMETERS. CONTRACTOR SHALL COORDINATE PLACING OF DOWELS TO ACCOMMODATE MODULE OF MASONRY UNITS. ALL VERTICAL CELLS AND BEAMS WITH REINFORCING SHALL BE FILLED WITH COARSE GROUT CONSISTING OF 3000 PSI CONCRETE WITH #8 COARSE AGGREGATE. USE HIGH-SLUMP (SUPERPLASTICIZED) WHERE HEIGHT OF LIFT EXCEEDS 4'. WHERE HEIGHT OF OPEN CELL EXCEEDS 4', USE HIGH-LIFT GROUTING TECHNIQUE WHICH REQUIRES A CLEAN-OUT OPENING AT THE BOTTOM OF ALL CELLS AND PLACING THE GROUT IN MAXIMUM 4' LIFTS WITH A 30 TO 60 MINUTE DELAY BETWEEN LIFTS. ALL EXTERIOR WALLS TO BE REINFORCED WITH #5@8" O.C. VERTICAL U.N.O. ON DRAWINGS.

05055 WELDING:

ALL WELDING TO BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) "STRUCTURAL WELDING CODE-STEEL," D1.1 - 1986 AND AS INDICATED ON THE STRUCTURAL DRAWINGS. WELDING ELECTRODES, WELDING PROCESS, MINIMUM PREHEAT AND INTERPASS TEMPERATURES TO BE IN ACCORDANCE WITH THE AWS SPECIFICATIONS. ANY STRUCTURAL STEEL DAMAGED IN WELDING TO BE REPLACED OR ACCEPTABLY REINFORCED. ALL FULL PENETRATION GROOVE WELDS TO BE SUBJECT TO RADIOGRAPHIC, MAGNETIC PARTICLE, ULTRASONIC, AND LIQUID PENETRANT INSPECTION CONDUCTED BY AN INDEPENDENT TESTING AGENCY PAID BY THE OWNER.

5120 STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS". STRUCTURAL STEEL TO CONFORM TO:

SHAPES & PLATES	ASTM A 36
PIPE	ASTM A 53 GRADE B
TUBES	ASTM A 500 GRADE B

ALL SHOP AND FIELD CONNECTIONS SHALL BE MADE WITH ASTM A325 HIGH STRENGTH BOLTS OR WELDING.

05510 METAL STAIRS:

STACK STEEL STAIR SYSTEM SHALL BE DESIGNED AND DETAILED BY THE SUPPLIER. DESIGN LOADS SHALL BE 100 PSF UNIFORM OR 300# APPLIED TO ANY 6" X 6" AREA, WHICHEVER CONTROLS. PROVIDE DETAILS SO THAT STAIR CAN BE ASSEMBLED AND INSTALLED IN PROPER SEQUENCE WITH ADJACENT WORK. TREADS AND LANDINGS SHALL HAVE NOT LESS THAN 2" NOR MORE THAN 3" OF CONCRETE FILL FOR WALKING SURFACES. MEET ALL APPLICABLE LOCAL BUILDING CODES.

06110 STRUCTURAL WOOD FRAMING AND SHEATHING:

ALL DIMENSION LUMBERS 2" AND LESS IN NOMINAL THICKNESS SHALL BE "S SURFACED DRY AND STAMPED BY AN AGENCY CERTIFIED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARDS COMMITTEE AND MANUFACTURED IN ACCORD WITH PS 20-70. MEMBERS THICKER THAN 2" NOMINAL MAY BE SURFACED GREEN. MINIMUM SPECIES AND GRADES SHALL BE AS FOLLOWS:

USE	SPECIES	GRADE	Fb	Ft	Fv	Fcp	E
ALL	SOUTHERN PINE KD	NO. 2	1400	825	90	565	1,600,000

ALL STUDS AND HEADER SHOULDERS SHALL BE ONE PIECE BETWEEN PLATES AND/OR HEADERS. DO NOT USE BLOCKING BETWEEN HEADERS AND SHOULDER WITH SOFTER COMPRESSION PERPENDICULAR (Fcp) THAN REQUIRED FOR HEADER. DO NOT CUT LET-IN BRACING INTO STUDS. PROVIDE G90 GALVANIZED HURRICANE CLIPS IN ACCORD WITH LOCAL CODE AT ALL ROOF ANCHORAGES AND AT ALL FLOORS.

PLYWOOD SHALL CONFORM TO PS1-83 AND SHALL BE APA GRADE-STAMPED. ROOF SHEATHING SHALL BE "APA RATED SHEATHING EXP 1," 5/8" THICK. WALL SHEATHING SHALL BE "APA RATED SHEATHING EXP 1," 3/8" FOR 16" O.C. STUDS OR 1/2" FOR 24" O.C. STUDS. SUBFLOORS SHALL BE "APA RATED SHEATHING EXT," 1/2" FOR 16" O.C. FRAMING AND 3/4" FOR 24" O.C. FRAMING. CONFORM TO APA RECOMMENDATIONS FOR INSTALLATION OF PLYWOOD.

TREAT ALL FRAMING IN CONTACT WITH CONCRETE OR MASONRY IN ACCORD WITH AMERICAN WOOD PRESERVERS' BUREAU LP-2 OR PROVIDE 1/4" THICK 60 DUROMETER BEARING PAD BETWEEN CONCRETE OR MASONRY AND UNTREATED WOOD MEMBER.

6190 WOOD TRUSSES:

THIS IS A SYSTEM OF CUSTOM ENGINEERED COMPONENTS AND CONNECTIONS IN ACCORD WITH ALL APPLICABLE STANDARDS OF TRUSS PLATE INSTITUTE, INCLUDING BUT NOT LIMITED TO TPI-78 "DESIGN SPECIFICATION FOR METAL PLATE-CONNECTED WOOD TRUSSES" AND "INTERIM GUIDELINES", CSP-78 "RECOMMENDED CODE OF STANDARD PRACTICE", HET-80 "HANDLING AND ERECTING WOOD TRUSSES", BWT-76 "BRACING WOOD TRUSSES", QCM-77 "QUALITY CONTROL MANUAL" AND THE DEPARTMENT OF PROFESSIONAL REGULATIONS GUIDELINES. THE ENTIRE SYSTEM INCLUDING ALL TRUSSES, CONNECTORS BETWEEN TRUSSES, BRIDGING, TEMPORARY BRACING FOR ERECTION, ANCHORAGES, AND EMBEDMENTS SHALL BE DESIGNED BY A SPECIALTY ENGINEER. THE REVIEW OF ALL STRUCTURAL SUBMITTALS BY THE STRUCTURAL ENGINEER OF RECORD SHALL BE TO INSURE THAT THE INTENT HAS BEEN UNDERSTOOD AND THAT THE SPECIFIED CRITERIA HAVE BEEN USED. A COPY OF ALL STRUCTURAL SUBMITTAL WILL BE RETAIN FOR RECORD KEEPING PURPOSES ONLY. TRUSS CALCULATIONS, COMPONENT DRAWINGS, CONNECTOR CALCULATIONS, AND ERECTION PLANS SHALL BE SIGNED AND SEALED BY TRUSS ENGINEER AND SUBMITTED TO LOCAL BUILDING OFFICIAL FOR APPROVAL. DESIGN TRUSSES FOR LOADS SHOWN ON PLANS. IN THE ABSENCE OF LOADS, USE APPLICABLE LOCAL CODE FOR LIVE LOAD AND ACTUAL WEIGHT OF BUILDING MATERIALS FOR DEADLOAD. USE PATTERNED % AND PARTIAL SPAN LIVE LOADS WHERE REQUIRED TO PRODUCE MAXIMUM FORCE IN ANY TRUSS MEMBER. APPLY NET WIND UPLIFT ON ROOFS WHEN APPLICABLE. TRUSS TOP CHORDS SHALL BE GROUP II SPECIES LUMBER. EXPOSED TO VIEW TRUSSES SHALL BE OF SELECT STRUCTURAL GRADE. ALL OTHER GRADE AND SPECIES SELECTION IS AT THE DISCRETION OF THE SUPPLIER. COORDINATE ALL TRUSS DETAILS WITH ARCHITECTURAL DRAWINGS. FOR CONCEALED TO VIEW TRUSSES, WEB CONFIGURATIONS WHERE SHOWN ARE SUGGESTIONS AND MAY BE MODIFIED BY THE SUPPLIER FOR ECONOMY. PROVIDE 60 DUROMETER 1/4" THICK NEOPRENE PADS BETWEEN TRUSSES AND CONCRETE OR MASONRY BEARING SURFACES. PROVIDE G90 GALVANIZED HURRICANE ANCHORS DESIGNED FOR NET WIND UPLIFT AT ALL BEARINGS.

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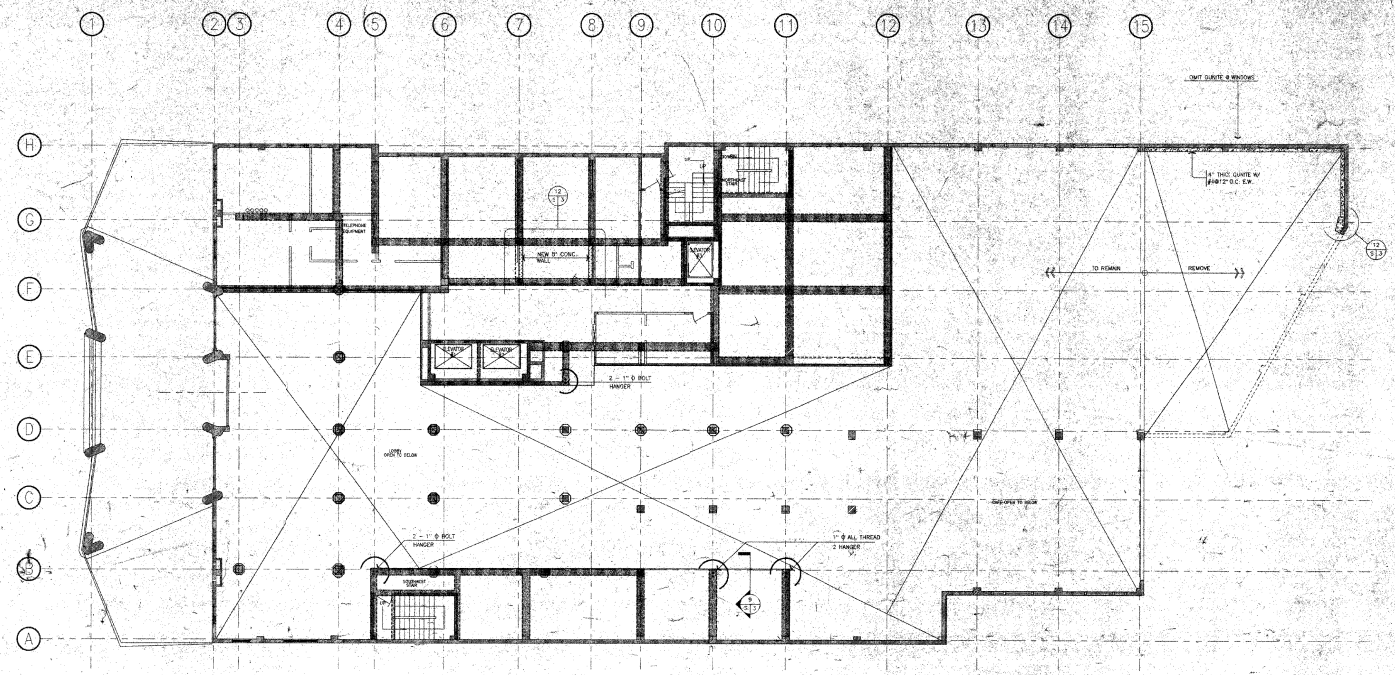
1685 HOTEL CORPORATION
235 WEST 46th STREET
NEW YORK, NY 10036
TEL 212-730-8000
OWNER

Delano Hotel
1685 Collins Avenue
Miami Beach, Florida

NO.	DATE	REVISION

TITLE

DATE Nov 27 1994
SCALE
DRAWING NUMBER S-0



MEZZANINE LEVEL DEMOLITION PLAN

1/8"

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Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

NO.	DATE	REVISION
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TITLE
MEZZANINE FLOOR PLAN
DEMOLITION

DATE:

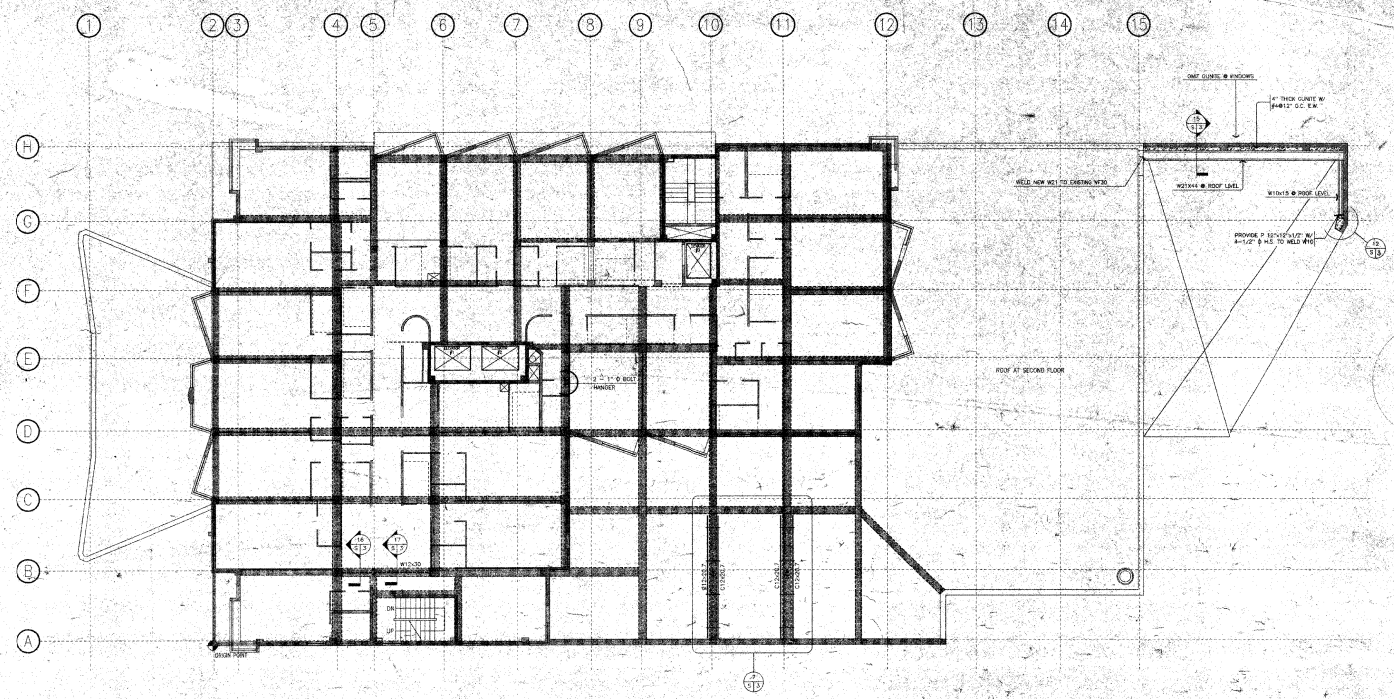
SCALE: 1/8" = 1'0"

DRAWING NUMBER
D-1.1

OF SHEETS

0' 5' 10' 15' 20' 25'
SCALE: 1" = 1/8"

RECEIVED
MAY 7 2004
PLANNING & ZONING DIVISION



SECOND FLOOR DEMOLITION PLAN
1/8"

STARCK
S-ROOF OF UA PRODUCTS
15011 MARCO POLO A.E.
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OWNER

Delano Hotel
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Miami Beach, Florida

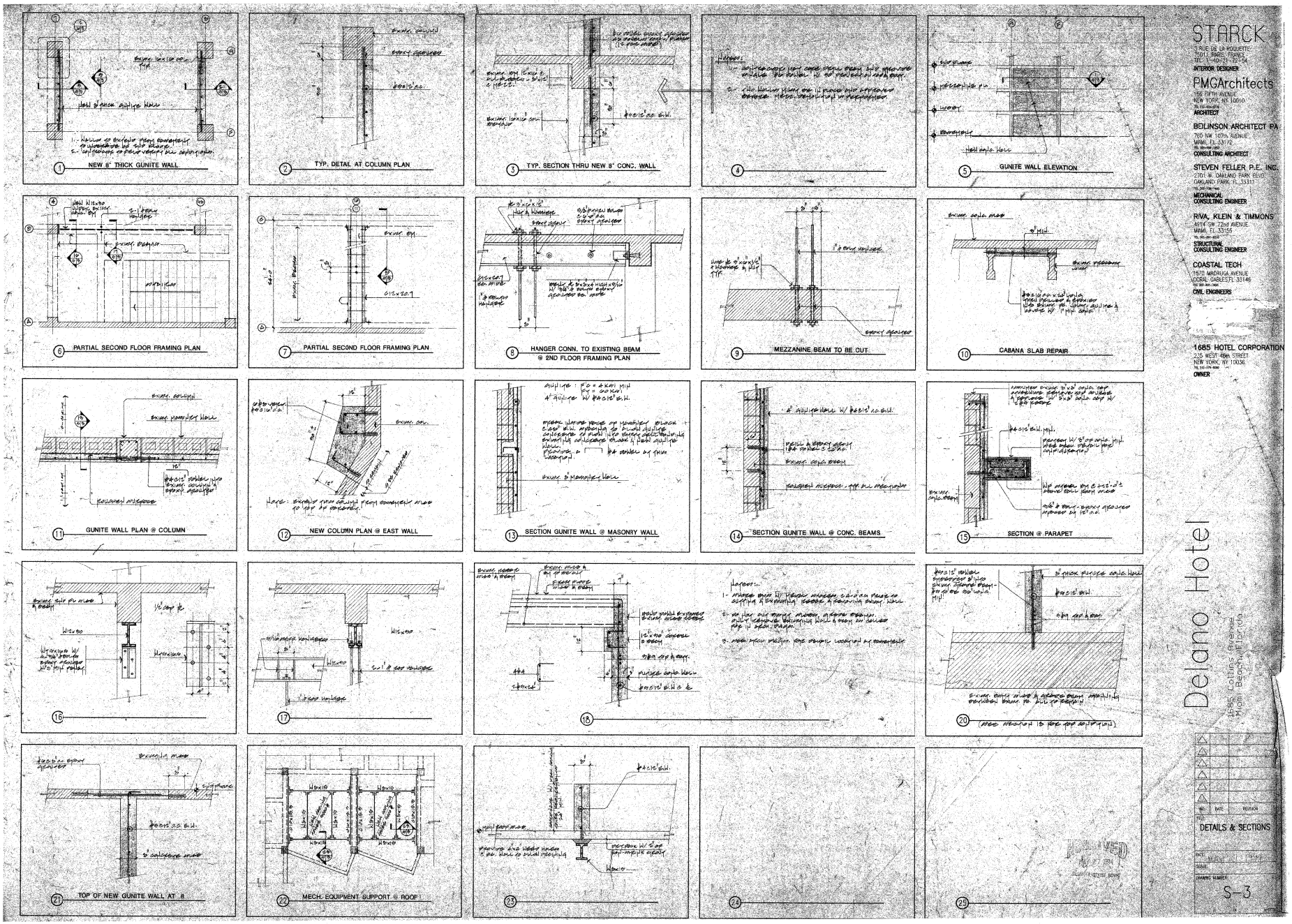
NO.	DATE	REVISION

TITLE
SECOND FLOOR DEMOLITION PLAN

DATE:
SCALE: 1/8" = 1'0"
DRAWING NUMBER
S-2

SCALE 1" = 1/8"

RECEIVED
MAY 27 2004
PLANNING & ZONING



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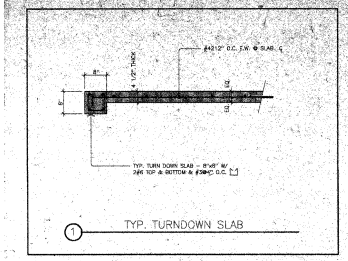
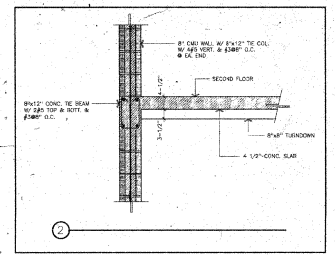
NO.	DATE	REVISION

DETAILS & SECTIONS

DATE: 11-14-97
SCALE:
DRAWING NUMBER: S-3



1 TYP. TURNDOWN SLAB



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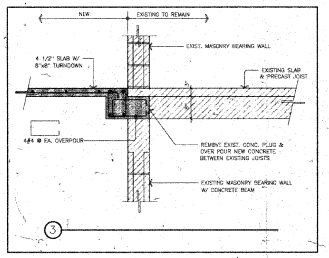

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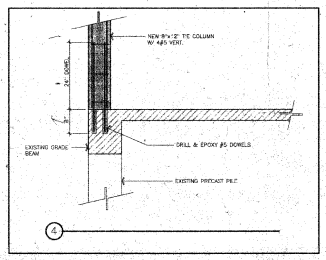

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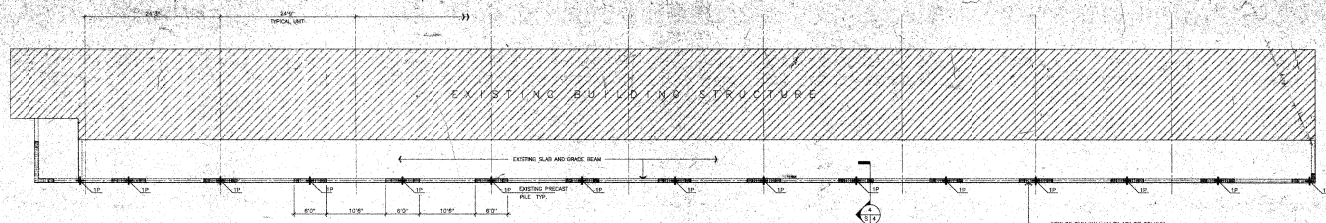
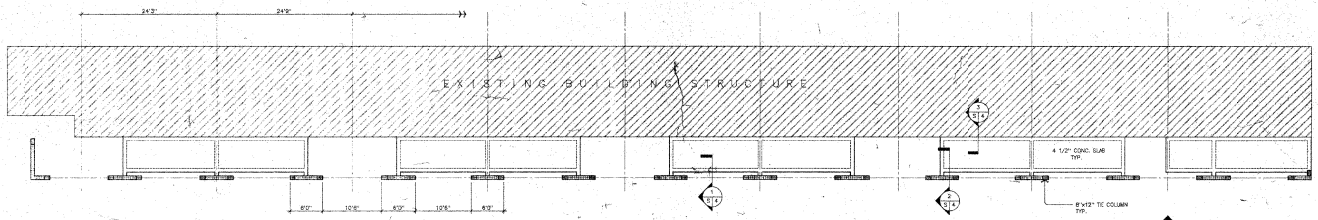


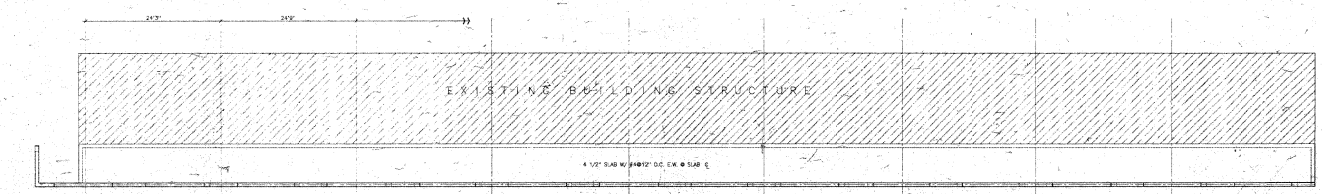
FOUNDATION & GROUND FLOOR FRAMING PLAN

1/8"



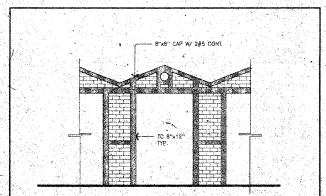
SECOND FLOOR FRAMING PLAN

1/8"



ROOF FRAMING PLAN

1/8"



5 TYP. CABANA ELEVATION SOUTH FACADE

6

7

8

9

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OWNER

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Miami Beach, Florida

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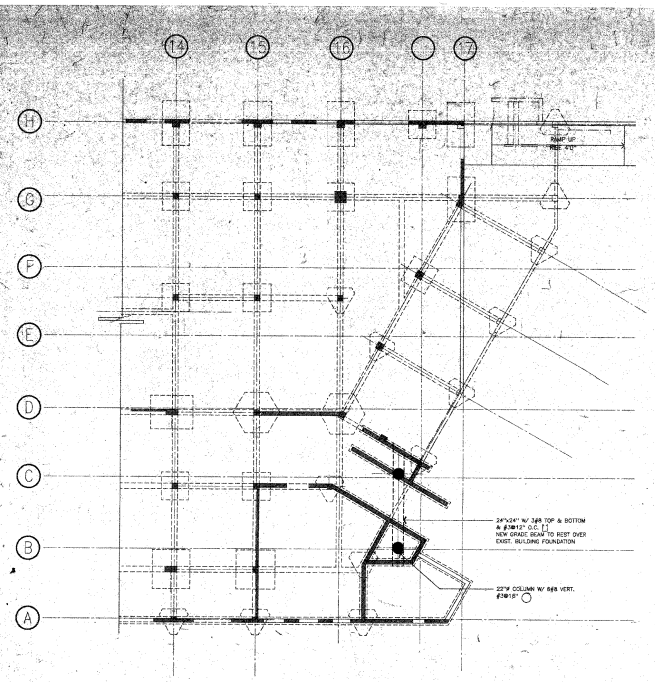
TITLE: NEW BALCONIES AT POOL SIDE ROOMS

DATE: MAY 17 2004

SCALE: 1/8" & 4/3" = 1'-0"

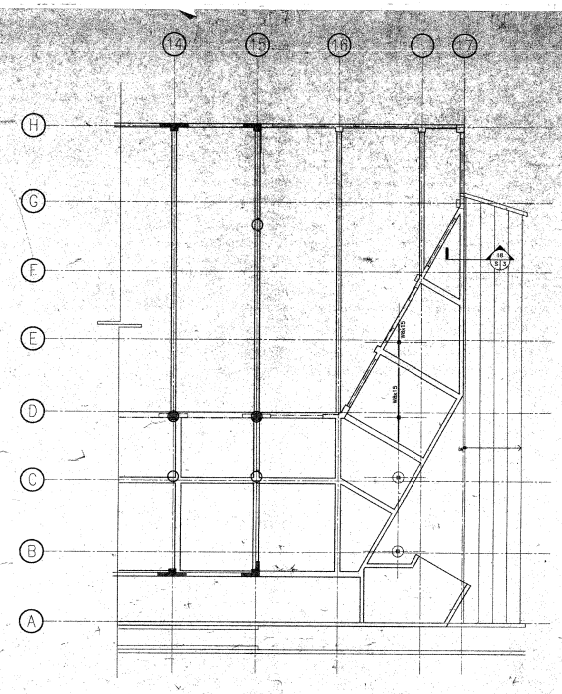
DRAWING NUMBER: S-4

RECEIVED
MAY 17 2004
PLANNING & ZONING



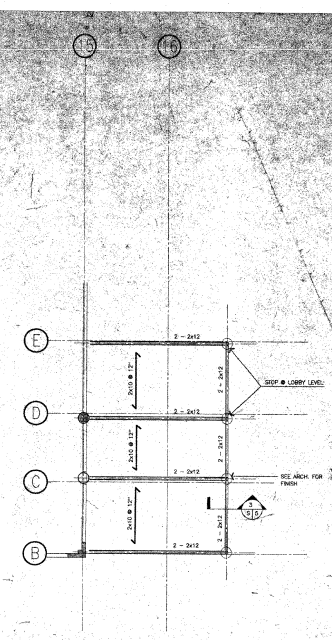
PARTIAL BASEMENT FOUNDATION PLAN

1/8"



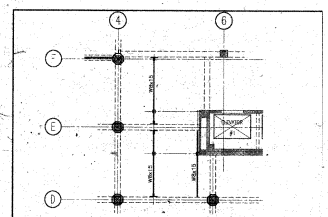
FIRST FLOOR FRAMING PLAN

1/8"



TRELLIS FRAMING PLAN

1/8"

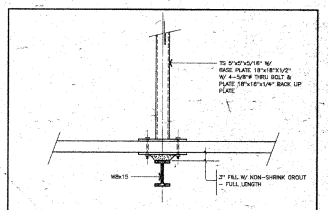


1 PARTIAL NEW STL. STAIR FRAMING PLAN AT LOBBY LEVEL

05510 METAL STAIRS

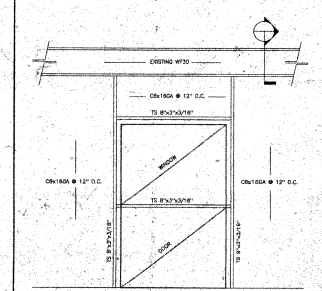
STACK STEEL STAIR ENSEMBLE SHALL BE DESIGNED AND DETAILED BY THE SUPPLIER. DESIGN LOADS SHALL BE 100 PSF UNIFORM OR 300# APPLIED TO ANY 6"x6" AREA, WHICHEVER CONTROLS. PROVIDE DETAILS SO THAT STAIR CAN BE ASSEMBLED AND INSTALLED IN PROPER SEQUENCE WITH ADJACENT WORK. TREADS AND LANDINGS SHALL HAVE NOT LESS THAN 2" NOR MORE THAN 3" OF CONCRETE FILL FOR WALKING SURFACES. MEET ALL APPLICABLE LOCAL BUILDING CODES.

2



3 COLUMN TO BEAM CONNECTION

4



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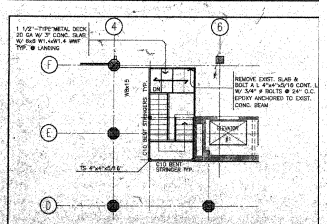
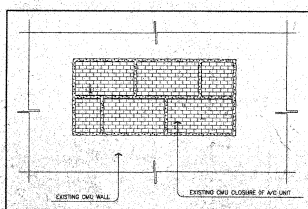
MAY 27 1994
HEWITT SHEET SERVE

8 TYPICAL DOOR & WALL ELEVATION
NEW WALL @ COLUMN LINE 15



6 PARTIAL NEW STL. STAIR FRAMING PLAN AT MEZZANINE LEVEL



7 EXISTING A/C OPENING

REMEDIA. ACTION

1 - REMOVE ANY SMALL CMU PIECES OR LOOSE GROUT.

2 - FILL BACK JOINT SOLID, HORIZONTAL & VERTICAL W/ SIKADUR 31, HI MODEL GEL.

3 - SURFACE PREPARATION: SURFACE MUST BE CLEAN AND SOUND. IT MAY BE DRY OR DAMP BUT FREE OF STANDING WATER. REMOVE DUST, LATANCE, GREASE, CURING COMPOUNDS, IMPREGNATIONS, WAXES, FOREIGN PARTICLES, LOOSE MATERIALS.

8

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Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

NO.	DATE	REVISION

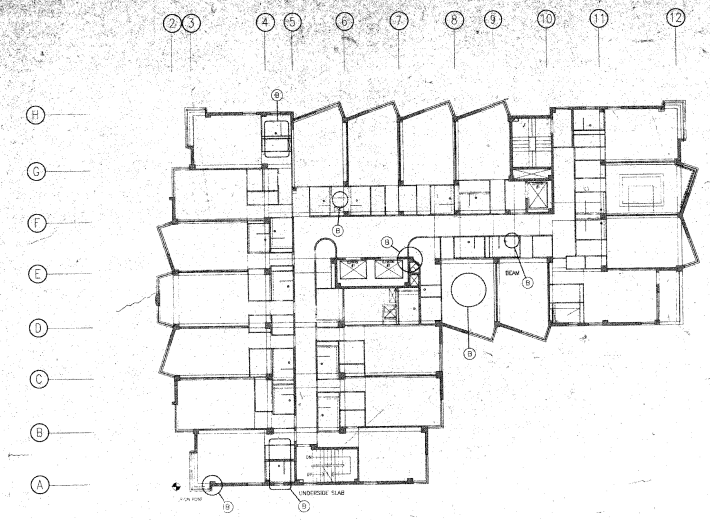
TITLE:

DATE: MAY 27 1994

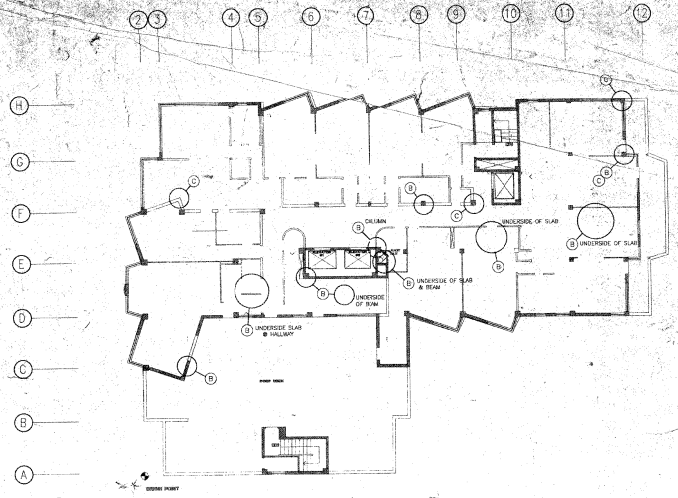
SCALE:

DRAWING NUMBER: S-5

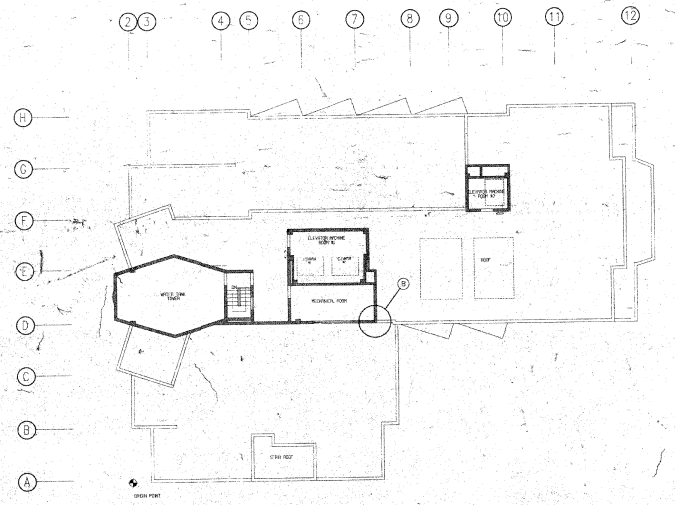
SHEET



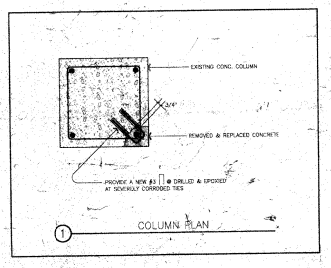
11TH LEVEL DEMOLITION PLAN
ADDITIONAL EXIST. CONCRETE REPAIR



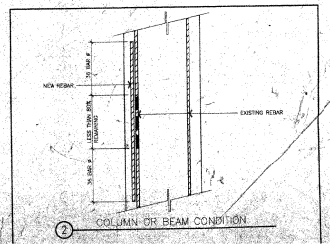
12TH LEVEL DEMOLITION PLAN
ADDITIONAL EXIST. CONCRETE REPAIR



MECH. PENTHOUSE & ROOF PLAN
ADDITIONAL EXIST. CONCRETE REPAIR



1 COLUMN PLAN



2 COLUMN OR BEAM CONDITION

REPAIR NOTES FOR BASEMENT COLUMNS

1 – – SEE PLAN FOR REPAIR SEQUENCE AND SHORE REQUIREMENT.
– COLUMNS MARKED WITH * NEED ADDITIONAL SHORES.
– ALL SHORES TO BE METAL SHORES WITH 5000 # MINIMUM CAPACITY.
– ALL SHORES TO BE IN-PLACE PRIOR TO COMENCEMENT OF REPAIR SEQUENCE.

2 – – NUMBER INSIDE HEXAGON NEXT TO EXISTING COLUMN REPRESENTS REPAIR SEQUENCE. THEREFORE, FIRST REPAIR ALL COLUMNS MARKED 1, THEN ALL COLUMNS MARKED 2, ETC.
– HEXAGON LEFT BLANKS MEANS COLUMN APPEAR SOUND. DURING REPAIR PERIOD THESE COLUMNS WILL BE INSPECTED AND REPAIRED, IF NEEDED AS SEQUENCE 10.

3 – REPAIR METHOD:
A – CHIP AWAY LOOSE, CRACKED AND SPALLED CONCRETE.
B – SAND BLAST EXPOSED STEEL REINFORCING TO REMOVE ALL OXIDATION.
C – APPLY EPOXY PRIMER TO REBAR. USE SAKAKIDA EPOXY PRIMER OR EQUAL.
D – INSTALL NEW STEEL, SPLICED 36 BAR DIAMETER WHERE ORIGINAL AREA HAS BEEN REDUCED BY 20% OR MORE.
E – GUNITE REPAIR AREAS WITH F'C = 4000 PSI DESIGN MIX.

4 – REMOVE ANY EXISTING AREA ON THE LOWER FLOORS THAT SHOW SIGN OF WATER PENETRATION FOR FURTHER INVESTIGATION.

5 – BASEMENT CONTRACTOR TO REPAIR 8'x8' SECTION OF OVERHEAD SPALLED CONCRETE.

6 – (A) SLIGHT
(B) MODERATE
(C) SEVERE

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Delano Hotel
1685 Collins Avenue
Miami Beach, Florida

NO.	DATE	REVISION
△		
△		
△		
△		
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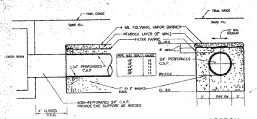
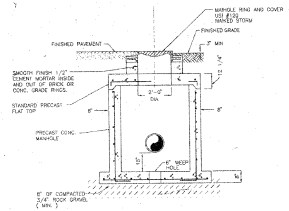
△		

DATE: MAY 31 1994
SCALE:
DRAWING NUMBER: S-6
OF 2 SHEETS

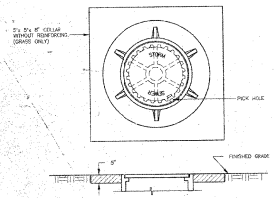


EXFILTRATION TRENCH DETAIL



NOTES:
1. PROVIDE SHOP DRAWINGS OF STRUCTURES.
2. PRECAST CONCRETE MANHOLES SHALL CONFORM TO ASTM C478, SHALL BE TYPE II ACID RESISTANT CEMENT AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 P.S.I. IN 28 DAYS.

DRAINAGE MANHOLE DETAIL

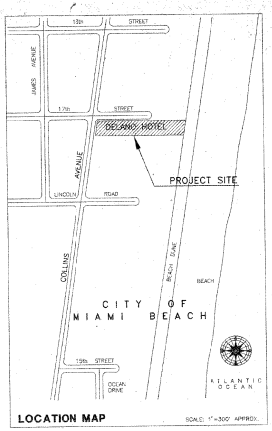


NOTES:
1. COLLAR IS REQUIRED ONLY WHEN MANHOLE IS OUT OF PAVEMENT.
2. MINIMUM WEIGHTS: COVER - 165 LBS., FRAME - 250 LBS.
3. FRAME AND COVER SHALL BE U.S. FOUNDRY NO. 23 OR EQUAL.
4. MANHOLE COVER SHALL HAVE THE WORDS "STORM" CAST IN METAL.

STORM SEWER DETAIL FRAME AND COVER

LEGEND

- EXIST. SPOT ELEVATION
- EL.+8.0 PROPOSED FINISHED GRADE
- PROPOSED STORM MANHOLE
- PROPOSED EXFILTRATION TRENCH
- EXIST. 8" C.I. WATER MAIN — EXISTING WATER MAIN
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- 6" D.I.P. DOMESTIC — PROPOSED WATER SERVICE
- PROPOSED WATER VALVE
- PROPOSED WATER MAIN REDUCER
- PROPOSED WATER BACKFLOW PREVENTOR
- EX. 8" SAN. SEWER — EXISTING SANITARY SEWER
- EXISTING SANITARY MANHOLE
- C.O. — PROPOSED SANITARY CLEAN-OUT
- EXISTING EDGE OF PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED PAVERS ON SAND
- PROPOSED ASPHALT PAVEMENT



LOCATION MAP SCALE: 1"=300' APPROX.

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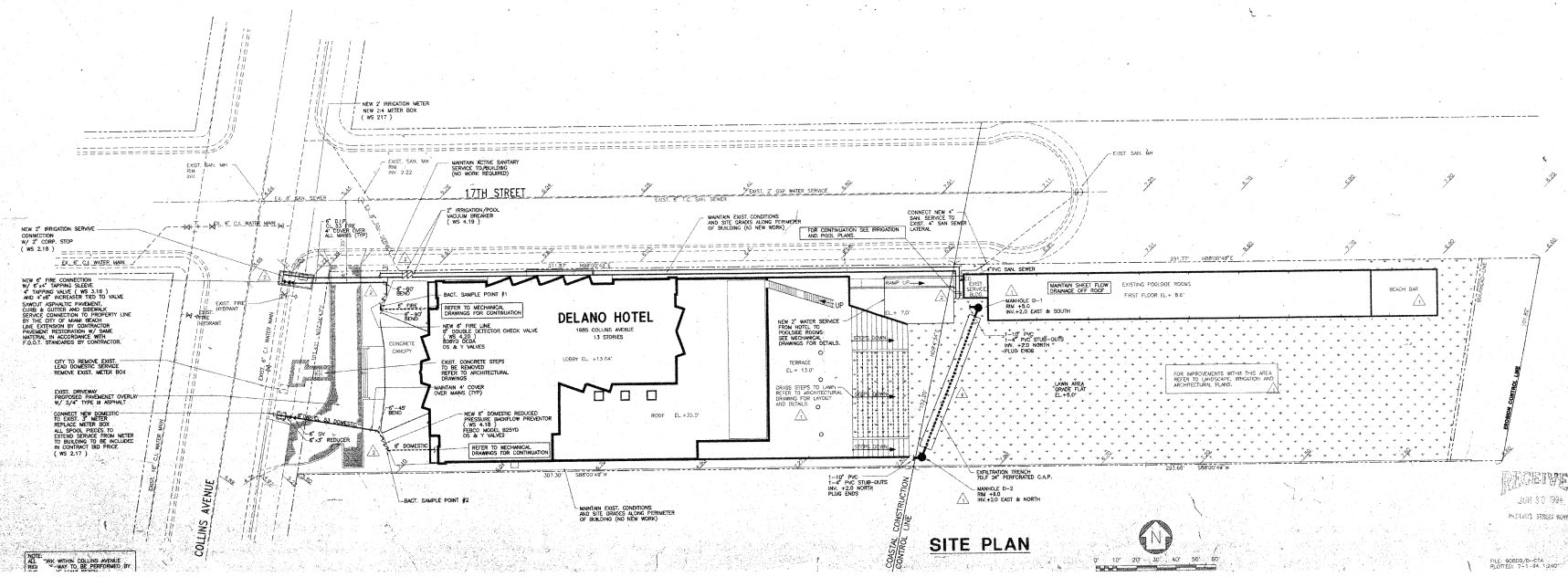


SITE PLAN

NOTE:
ALL WORK WITHIN COLLINS AVENUE RIGHT-OF-WAY TO BE PERFORMED BY

RECEIVED
JUN 10 1996
PLANNING STRESS BLDRS.

FILE: 9080D/D-CTA
PLOTTED: 7-1-96 1:240"

Delano Hotel

1685 Collins Avenue
Miami Beach, Florida

ID.	DATE:	REVISION
1	3-6-96	GENERAL REVISIONS. SEAWALL @ 12.0'
2	5-25-96	SEWER LOCATIONS OF FIRE, IRRIGATION, AND DOMESTIC LINES
3		
4		
5		
6		

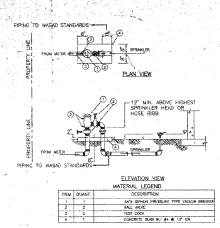
TITLE: CIVIL SITE PLAN

DATE: 7-1-96

SCALE: 1" = 20'

DRAWING NUMBER: C-1

SHEET 1 OF 3 SHEETS



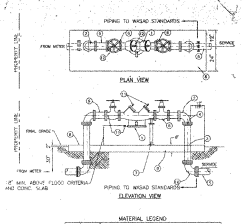
MATERIAL LEGEND

ITEM	QUANT.	DESCRIPTION
1	1	ANTI-SIPHON PRESSURE TYPE VACUUM BREAKER WALL MOUNT
2	2	TEST COCK
3	1	CONCRETE BLOCK 8x8x16 @ 12" CTR

PRESSURE VACCUM BREAKER NOTES:

1. The assembly shall be installed with minimum horizontal clearances of 30 inches free form obstructions in all directions.
2. Guard posts shall be installed if the assembly is exposed to possible damage from vehicular traffic.
3. The assembly shall be installed in an accessible location.
4. Piping shall be schedule 40 galvanized steel pipe with galvanized malleable iron threaded fittings in accordance with WASAD "construction specifications for donation of water mains".
5. All exposed metallic parts shall be painted with bituminous paint. (threads and pipe), to prevent corrosion from ocean air.
6. The Utility shall have unrestricted and continuous access to the vacuum breaker assembly.

IRRIGATION AND POOL SYSTEM PRESSURE VACUUM BREAKER
STANDARD DETAIL WS 4.19



MATERIAL LEGEND

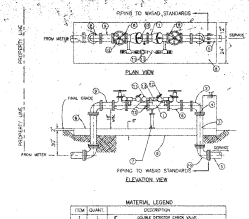
ITEM	QUANT.	DESCRIPTION
1	1	6" REDUCED PRESSURE BACK FLOW PREVENTOR (ZONE - 56 - 1 FLANGED-FLANGE)
2	1	6" ZONE - 56 - 1 FLANGED-FLANGE)
3	1	6" ANSI TRUNION BALL
4	1	6" ZONE - 56 - 1 FLANGE
5	1	6" ANSI TRUNION BALL (ZONE - 56 - 1 FLANGE)
6	1	6" 90 x 9" ANSI VALVE, C.I. (FLANGE-FLANGE)
7	1	6" MIN. POURED CONCRETE FOUNDATION
8	1	6" CONC. SLAB 4" W/ (4 @ 12" CTR.
9	4	6" ANY STRAINER
10	1	6" MONO - 56 (NO-NO)
11	1	3/4" TEST COCK

NOTE:
PIPE SHALL BE DUCTILE IRON PIPE WITH FLANGED FITTINGS IN ACCORDANCE WITH WASAD "CONSTRUCTION SPECIFICATIONS FOR DONATION OF WATER MAINS".

REDUCED PRESSURE BACKFLOW PREVENTOR NOTES:

1. The assembly shall be installed with minimum horizontal clearances of 30 inches from obstructions in all directions.
2. Guard posts shall be installed if the assembly is exposed to possible damage from vehicular traffic, as determined by the City.
3. The assembly shall be installed in an accessible location.
4. Adjustable pipe saddle support (grinnell fig. 264, or equal) sized to fit curvature of double detector check valve assembly, with galvanized steel pipe and floor flange attach floor flange to concrete slab with galvanized expansion bolts.
5. The Utility shall have unrestricted and continuous access to the backflow prevention assembly.
6. Piping 2" and smaller shall be schedule 40 galvanized steel pipe with galvanized malleable iron threaded fittings, piping 2-1/2" and larger shall be ductile iron pipe with flanged fittings.
7. All exposed metallic parts shall be painted with blue enamel paint. (Threads & pipe), to prevent corrosion from ocean air.

DOMESTIC SERVICE REDUCED PRESSURE BACKFLOW PREVENTOR
STANDARD DETAIL WS 4.18



MATERIAL LEGEND

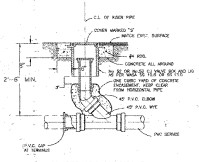
ITEM	QUANT.	DESCRIPTION
1	1	6" DOUBLE DETECTOR CHECK VALVE
2	1	6" MUELLER PRESSURE
3	1	6" MONO - 56 (FLANGE-FLANGE)
4	2	6" ANSI TRUNION BALL
5	2	6" ADAPTER FLANGE, ECC
6	2	6" PIPE, PLCS (24-18) (-) PRINCE
7	2	6" 90 x 9" ANSI VALVE, C.I. (FLANGE-FLANGE)
8	2	6" MIN. POURED CONCRETE FOUNDATION
9	4	6" CONC. SLAB 4" W/ (4 @ 12" CTR.
10	4	6" ANY STRAINER
11	1	6" MONO - 56 (NO-NO)
12	1	6" BRONZE METER
13	4	3/4" TEST COCK
14	1	6" BRONZE CHECK VALVE VERTICAL

NOTE:
PIPE SHALL BE DUCTILE IRON PIPE WITH FLANGED FITTINGS IN ACCORDANCE WITH WASAD "CONSTRUCTION SPECIFICATIONS FOR DONATION OF WATER MAINS".

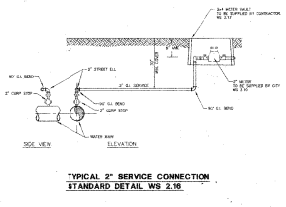
DOUBLE DETECTOR CHECK VALVE NOTES:

1. The assembly shall be installed with minimum horizontal clearances of 30 inches free form obstruction in all directions.
2. Guard posts shall be installed if the assembly is exposed to possible damage from vehicular traffic.
3. The assembly shall be installed in an accessible location.
4. All joints shall be flanged or restrained in accordance with department standards.
5. All above ground piping and equipment shall be finished with red enamel paint (Kop-coat 0508 lead-free), so as to prevent corrosion from ocean air.
6. The owner will provide chairs and locks for gate valves.
7. For retrofit projects, replace the existing backflow prevention device with a spool piece, and install a new double detector check valve assembly inside of property line.
8. Adjustable pipe saddle support (grinnell fig.264, or equal) sized to fit curvature of double detector check valve assembly, with galvanized steel pipe and floor flange. Attach floor flange to concrete slab with galvanized expansion bolts.
9. The Utility shall have unrestricted or continuous access to the double detector check valve assembly.

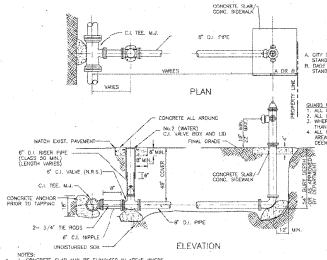
FIRE SERVICE DOUBLE DETECTOR CHECK VALVE
STANDARD DETAIL WS 4.20



SEWER SERVICE CLEANOUT



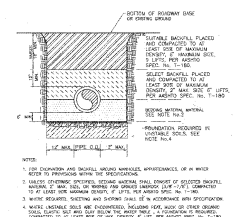
TYPICAL 2" SERVICE CONNECTION
STANDARD DETAIL WS 2.16



GUARD POSTS REQUIRED IN:
A. ALL COMMERCIAL AREAS
B. ALL INDUSTRIAL AREAS
C. WHERE HYDRANT IS CLOSER THAN 5' FROM EDGE OF PAVEMENT
D. ALL STANDARD AND PARKING AREAS WHERE THE PROTECTION DEEMS NECESSARY.

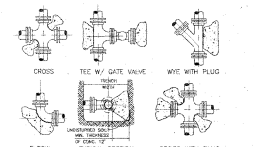
NOTES:
1. CONCRETE SLAB MAY BE ELIMINATED IN AREAS WHERE SIDEWALK IS INSTALLED PRIOR TO FINAL ACCEPTANCE OF THE HYDRANT.
2. GUARD POSTS ARE NO MORE THAN 3' FROM CURB FACE.
3. EXTRA POST MAY BE REQUIRED IN INDUSTRIAL & CONGESTED TRAFFIC AREAS.

FIRE HYDRANT INSTALLATION DETAIL
STANDARD DETAIL WS 4.5



NOTES:
1. FOR EXCAVATION AND BACKFILL AROUND MANHOLES, APPURTENANCES, OR IN WATER REFER TO PROVISIONS WITHIN THE SPECIFICATIONS.
2. UNLESS OTHERWISE SPECIFIED, BEDDING MATERIAL SHALL CONSIST OF SELECTED BACKFILL MATERIAL, SAND OR MODIFIED SAND, PLACED AS SHOWN ON THE PLANS OR AS REQUIRED BY THE ENGINEER. USE MAX. BEDDING DENSITY PER ASTM'S SPEC. No. T-180.
3. WHERE REQUIRED, SHEETING AND SHORING SHALL BE IN ACCORDANCE WITH SPECIFICATION.
4. WHERE UNSTABLE SOILS ARE ENCOUNTERED, INCLUDING MUCK OR OTHER ORGANIC MATERIALS, OR SOILS WHICH DO NOT PROVIDE A STABLE FOUNDATION, THEY SHALL BE COMPACTED TO AT LEAST 90% OF MAX. DENSITY, PER ASTM'S SPEC. No. T-180. FOUNDATION MATERIAL SHALL BE SELECTED BACKFILL MATERIAL, 2" MAX SIZE 6" LIFTS, PER ASTM'S SPEC. No. T-180. IF UNSTABLE SOILS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED AT OFFICE HOURS. SHEETING DEPTHS MAY BE REQUIRED FOR EXTREMELY UNSTABLE SOILS.
5. MOUNTING/PIPE ENCASEMENT REQUIRED IN SOILS WITH HIGH CORROSIVITY, INCLUDING POTENTIAL STRAY DIRECT CURRENTS, PER ANSI/AWWA C105/A21.5, METHOD A OR C FOR TYPE I, CLASS C TUBE, MINIMUM 8 MILS THICK.

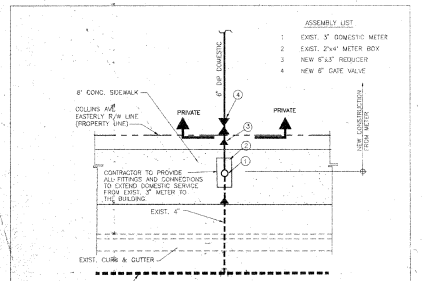
TYPICAL TRENCH BACKFILL
STANDARD DETAIL WS 4.7



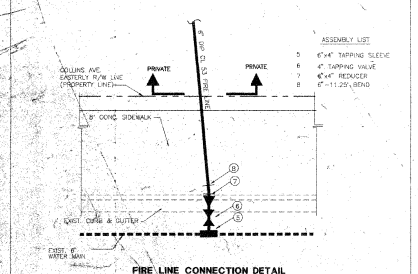
PIPE DIA.	90° ELBOW	45° ELBOW	22 1/2° ELBOW	11 1/4° ELBOW	WYES / TEES	PLUGS
	CONC. (CU. FT.)	CONC. (CU. FT.)	CONC. (CU. FT.)	CONC. (CU. FT.)	CONC. (CU. FT.)	CONC. (CU. FT.)
3	0.5	0.3	0.2	0.1	0.8	0.3
4	1.0	0.5	0.3	0.2	1.5	0.5
6	2.0	1.0	0.6	0.3	3.0	1.0
8	3.8	1.4	0.8	0.4	5.8	1.8
10	5.8	2.5	1.2	0.6	9.0	2.5
12	8.5	3.2	1.5	0.8	12.8	3.5
14	11.0	4.0	2.0	1.0	17.0	4.7
16	14.0	5.0	2.5	1.2	22.0	6.0
18	16.5	10.8	3.5	1.5	27.5	7.5
20	19.5	12.5	4.0	2.0	33.5	9.0
24	28.5	15.8	5.0	2.5	48.5	12.8
30	41.5	22.2	6.5	3.4	76.5	20.5

1. CALCULATIONS BASED ON 150 P.S.I. PRESSURE AND 2000 P.S.F. SOIL BEARING VALUES.
2. NOTE: WHERE THAN 24" WOOD HAVE PIPE, THRUST CALCULATED AND SUBMITTED TO DEPARTMENT FOR APPROVAL.
3. THRUST BLOCKS SHALL BE FORMED AND PROVIDED AGAINST UNDISTURBED SOIL. KEEP "T" BOLTS CLEAR OF CONTRACTS, WRAPPED IN WEDGEPEN FOR FUTURE ACCESS.
4. BOTTOM FORMING PLUGS SHALL BE WRAPPED IN WEDGEPEN AND A 30MMS PLACED IN FRONT.
5. CONCRETE SHALL BE 2500 P.S.I. MIN.
6. CONCRETE ANCHORS ARE REQUIRED ON TAPPING SLEEVES PRIOR TO TAPPING.

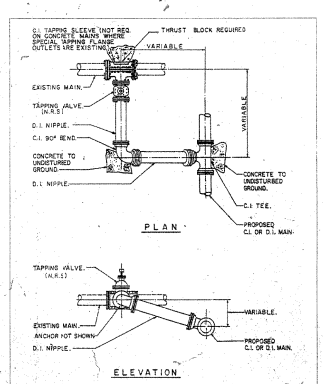
THRUST BLOCKING DETAIL
STANDARD DETAIL WS 1.30 (MAGNATON)



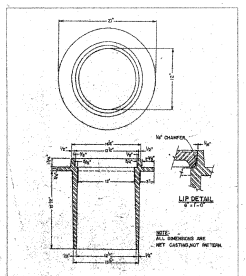
DOMESTIC WATER SERVICE CONNECTION DETAIL
NTS



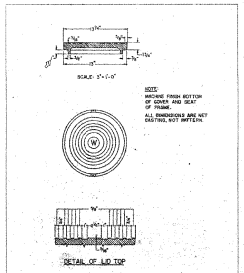
FIRE LINE CONNECTION DETAIL
NTS



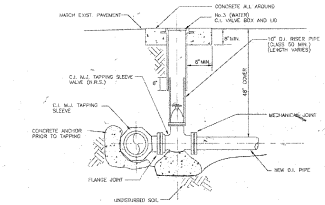
TYPICAL CONNECTION TO EXISTING MAIN
STANDARD DETAIL WS-4.12



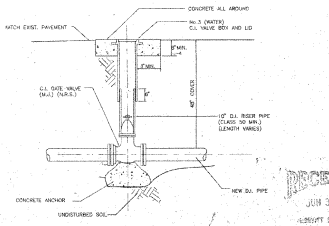
VALVE BOX AND LID No. 3 C.I.
STANDARD DETAIL WS-3.11



VALVE BOX AND LID No. 3 C.I.
STANDARD DETAIL WS-3.11



TYPICAL TAPPING VALVE SETTING
STANDARD DETAIL WS 3.16



VALVE SETTING DETAIL
STANDARD DETAIL WS 1.0

STANDARD WATER DETAIL

FILE: 90800\D-C2
PLOTTED: 5-6-94 1:2

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NO.	DATE	REVISION
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TITLE: STANDARD WATER DETAILS

DATE: 7-1-94
SCALE: 1" = 2'
DRAWING NUMBER: C-2

2 OF 3 SHEETS

I. GENERAL SPECIFICATIONS

APPLICABLE CODES:

A. ALL WORK SHALL CONFORM TO DADE COUNTY PUBLIC WORKS DEPARTMENT'S "GRADING AND DRAINAGE REGULATIONS AND STANDARDS" AND THE "CITY OF MIAMI BEACH".

B. ALL ELEVATIONS REFER TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 AND ARE EXPRESSED IN FEET.

C. PRIOR TO EXCAVATION, CONTRACTOR SHALL VERIFY THE LOCATION (VERTICALLY AND HORIZONTALLY) OF ALL EXISTING UTILITIES IN ORDER TO AVOID CONFLICTS WITH THE PROPOSED UTILITY IMPROVEMENTS.

D. ALL CONCRETE FOR SIDEWALKS SHALL BE A MINIMUM OF 3000 PSI AND 4" THICK, 6" AT DRIVEWAYS. ALL SIDEWALKS TO BE PIGMENTED PER CITY CITY SPECIFICATIONS.

E. MATERIAL SHALL HAVE A LIMEROCK BEARING RATIO (L.B.R.) LESS THAN 100 AND CALCIUM CARBONATE CONTENT OF 70 %.

F. BASE MATERIAL SHALL BE COMPACTED TO 100% OF THE MODIFIED PROCTOR COMPACTION TEST.

G. ALL SUBGRADE MATERIAL SHALL BE 12 INCHES THICK AND EXTENDED BELOW ALL OF THE BASE COURSE. SUBGRADE MATERIAL SHALL BE COMPACTED TO 95% OF OF MAXIMUM DENSITY PER AASHTO, T-180, AND HAVE A MINIMUM LBR OF 40.

H. PRIME COAT ON BASE COURSE SHALL MEET THE FLORIDA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AS SET-FORTH IN SECTIONS 300-1 THROUGH SECTIONS 300-6.

I. ANY EXISTING PAVEMENT MARKING OR SIGNING WHICH IS IN CONFLICT WITH THIS PLAN, IS TO BE REMOVED OR REVISED TO MATCH NEW CONSTRUCTION CONDITIONS.

II. PRECONSTRUCTION RESPONSIBILITIES:

A. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND THE CITY AND ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, AND THE ENGINEER OF RECORD.

B. THE CONTRACTOR SHALL OBTAIN AN U.N.C.L.E. CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION, CALL 1-800-432-4770.

C. ALL UTILITY EASEMENTS TO BE SECURED PRIOR TO CONSTRUCTION.

D. LOCATION OF EXISTING FACILITIES AS SHOWN ON CONSTRUCTION DRAWINGS ARE DRAWN FROM AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FACILITIES SHOWN OR FOR ANY FACILITY NOT SHOWN. VERIFY, IF THE ELEVATIONS AND LOCATION OF EXISTING FACILITIES IS FOUND TO CONFLICT WITH THE PROPOSED CONSTRUCTION UPON EXCAVATION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD SO THAT ALTERNATE CONSTRUCTION METHODS CAN BE ACHIVED.

III. INSPECTIONS

A. THE CONTRACTOR SHALL NOTIFY THE UTILITIES AND PUBLIC WORKS DEPARTMENT OF THE CITY OF MIAMI BEACH, AND THE ENGINEER OF RECORD AND ANY OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO THE INSPECTION OF THE FOLLOWING ITEMS, WHERE APPLICABLE:

1. STORM DRAINAGE SYSTEM
2. SANITARY SEWER SYSTEM
3. WATER DISTRIBUTION SYSTEM
5. SUBGRADE
6. LIMEROCK BASE
7. ASPHALTIC CONCRETE
8. FINAL INSPECTION.

IV. RIGHT OF WAY CONSTRUCTION

A. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH M.U.T.C.D. AND THE FLORIDA DEPARTMENT OF TRANSPORTATION.

B. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.

C. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE CITY OF MIAMI BEACH PUBLIC WORKS DEPARTMENT.

V. TEMPORARY FACILITIES

A. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN.

B. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, OR EMPLOYEES, TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THE END, THE CONTRACTOR SHALL DO AS REQUIRED, ALL NECESSARY HIGHWAY, DRIVEWAY, WALK AND LANDSCAPING WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.

C. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR HAVE BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCHBASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

VI. PROJECT CLOSEOUT:

A. ALL PROPERTY MONUMENTS OR PERMANENT REFERENCE MONUMENTS (PRM) REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

B. ALL UNPAVED SURFACES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED BEFORE THE CONSTRUCTION.

C. PROJECT RECORD DOCUMENTS -

1. DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON HIS SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.

2. UPON COMPLETION OF DRAINAGE IMPROVEMENTS AND LIMEROCK BASE CONSTRUCTION (AND BEFORE PLACING ASPHALT PAVEMENT) THE CONTRACTOR SHALL FURNISH THE ENGINEER OF RECORD "AS BUILT" PLANS FOR THESE IMPROVEMENTS, SHOWING THE LOCATIONS AND PERTINENT GRADES OF ALL NEW INSTALLATIONS AND THE FINISHED ROCK GRADES OF THE ROAD CROWN AND EDGES OF PAVEMENT AT 50 FEET INTERVALS.

3. UPON COMPLETION OF CONSTRUCTION, AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF ALL "AS-BUILT" CONTRACT DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONS, LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS.

4. "AS-BUILT" INFORMATION ON GRAVITY SEWERS MUST CONTAIN LOCATION OF SERVICE LATERALS. STATIONING MUST ALSO BE INCLUDED.

5. ALL "AS-BUILT" INFORMATION ON ELEVATIONS SHALL BE CERTIFIED BY A FLORIDA REGISTERED LAND SURVEYOR.

VII. EARTHWORK & COMPACTION

A. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL SHALL BE REMOVED UNDER THOSE AREAS FOR NEW UTILITY CONSTRUCTION.

B. SUITABLE BACKFILL SHALL BE USED AND COMPACTED AS DIRECTED BY THE ENGINEER OF RECORD.

VIII. PAVING

A. GENERAL:

1. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.

2. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE. PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH THE GOVERNMENTAL AGENCY THAT HAS RESPONSIBILITY FOR MAINTANANCE OF THE ROADWAY.

3. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT.

B. MATERIALS

1. BASE COURSE SHALL BE CRUSHED LIMEROCK MIAMI OOLITE WITH A MINIMUM OF 70% CARBONATES OF CALCIUM AND MAGNESIUM. (60% FOR LOCAL STREETS & PARKING AREAS)

2. ASPHALT SURFACES SHALL BE TYPE S-III ASPHALTIC CONCRETE, UNLESS OTHERWISE SPECIFIED ON THE PLANS.

3. REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI AND SHALL BE REINFORCED WITH A 6" X 6" NO. 6 GAUGE WIRE MESH.

C. INSTALLATION:

1. SUBGRADE FOR ROADWAY SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE MAXIMUM DENSITY (AASHTO T-180-74).

2. BASE COURSE MATERIAL FOR PAVED AREAS SHALL BE A MINIMUM THICKNESS OF 8" PLACED ON A SINGLE LAYER FOR STREET (OR AS OTHERWISE REQUIRED BY REGULATORY AGENCIES.)

3. BASE COURSE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-180-74.

4. INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE FDOT STANDARD SPECIFICATIONS OF ROAD AND BRIDGE CONSTRUCTION.

D. TESTING:

1. THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 1/4" FROM THE TEMPLET. ANY IRREGULARITIES EXCEEDING THIS LIMIT SHALL BE CORRECTED.

2. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY, CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE ENGINEER.

3. ALL TESTING COSTS (PAVING) SHALL BE PAID FOR BY THE OWNER EXCEPT THOSE TESTS FAILING TO MEET THE SPECIFIED REQUIREMENTS WHICH ARE TO BE PAID BY THE CONTRACTOR.

FINAL INSPECTION OF THE PROJECT: THE ENGINEERING AND PUBLIC WORKS DIVISION AND ALL OTHER INTERESTED PARTIES SHALL JOINTLY PERFORM SUCH AN INSPECTION TO DETERMINE THE ACCEPTABILITY OF THE PROJECT FOR MAINTENANCE. FOLLOWING THE INSPECTION, ANY NOTED DEFECTS WILL BE CORRECTED BY THE CONTRACTOR, AFTER WHICH, THE ENGINEERING DIVISION AND OTHER MAINTAINING AGENCIES WILL ISSUE A NOTICE OF ACCEPTANCE. THIS WILL MARK THE START OF THE ONE-YEAR WARRANTY PERIOD.

IX. WATER DISTRIBUTION SYSTEM

A. GENERAL:

1. NO CONNECTIONS TO THE EXISTING LINES SHALL BE MADE UNTIL PRESSURE TESTS FOR THE WATER AND SEWER FORCE MAINS AND BACTERIOLOGICAL TESTS FOR THE WATER MAINS HAVE BEEN PERFORMED AND THE SYSTEM IS ACCEPTABLE TO THE CITY OF MIAMI BEACH AND THE DADE COUNTY PUBLIC HEALTH UNIT.

2. BEDDING AND INITIAL BACKFILL FOR MAINS SHALL BE SAND WITH NO ROCKS LARGER THAN 1" IN DIAMETER.

3. ALL MAINS SHALL BE MARKED WITH A MAGNETIC TAPE OR EQUAL.

B. MATERIALS

1. DUCTILE IRON PIPE (D.I.P.) SHALL BE CLASS 53 CEMENT LINED AND BITUMINOUS COATED OUTSIDE MANUFACTURED IN ACCORDANCE WITH ANSI/AWWA C151/A21.51-86 OR LATEST REVISION. THE PIPE SHALL WITHSTAND A WORKING PRESSURE OF 250 P.S.I. THE JOINTS SHALL BE BELL AND SPIGOT PUSH-ON TYPE UNLESS OTHERWISE NOTED.

2. ALL P.V.C. MAINS SHALL BE SERIES 1120, CLASS 150 (DR 18) PRESSURE PIPE, CONFORMING TO ANSI/AWWA C900-89 OR LATEST REVISION, AND SHALL HAVE PUSH ON JOINTS AND IRON PIPE O.D.

3. FITTINGS FOR MAINS 4" AND LARGER SHALL BE C.I. MECHANICAL JOINT CONFORMING TO ANSI/AWWA, C110/A21.10-88 OR LATEST REVISION, COMPLETE WITH GLANDS, GASKETS, BOLTS AND NUTS.

4. VALVES SHALL BE GATE VALVES (FOR WATER) OR PLUG VALVES (FOR SEWER), IRON BODY, FULLY RESILIENT SEAT BRONZED MOUNTED NON-RISING STEM, RATED AT 200 PSI AND CONFORMING TO ANSI/AWWA C509-87 OR LATEST REVISION, AND SHALL HAVE MECHANICAL JOINTS.

   c. GATE VALVES SHALL BE MUELLER OR EQUAL.

   b. TAPPING VALVES SHALL BE MUELLER H667 OR APPROVED EQUAL.

5. TAPPING SLEEVES SHALL BE MUELLER H615 OR APPROVED EQUAL.

6. VALVE BOXES SHALL BE USF 7630 OR APPROVED EQUAL.

7. RETAINER GLANDS SHALL CONFORM TO ANSI/AWWA C111/A21.11-85 OR LATEST REVISION. ALL GLANDS SHALL BE MANUFACTURED FROM DUCTILE IRON AS LISTED BY UNDERWRITERS LABORATORIES FOR 250 PSI MINIMUM WATER PRESSURE RATING. CLOW CORPORATION MODEL F-1058 OR STANDARD FIRE PROTECTION EQUIPMENT COMPANY OR APPROVED EQUAL.

8. DRESSER COUPLINGS SHALL BE REGULAR BLACK COUPLINGS WITH PLAIN GASKETS FOR GALVANIZED STEEL PIPE. THEY SHALL BE DRESSER STYLE 90. NO SUBSTITUTIONS ALLOWED.

9. FIRE HYDRANTS SHALL BE MUELLER CENTURION TRAFFIC TYPE A-421 - 4-1/2" MAIN VALVE OPENING OR A-423 - 5-1/4" MAIN VALVE OPENING. MAIN VALVE OPENING TO BE DETERMINED BY THE WATER DEPARTMENT. PUMPER NOZZLE TO BE 18" FROM FINISHED GRADE. ALL HYDRANTS TO BE INSTALLED WITH CONTROL VALVE. RETAINER GLANDS ARE PREFERRED FOR RESTRAINING. FIRE HYDRANT SHALL COMPLY WITH ANSI/AWWA C502-85.

10. SERVICE SADDLES SHALL BE DUCTILE IRON WITH LOW ALLOY STEEL STRAPS, SADDLES SHALL BE DOUBLE STRAP TYPE. ALL SERVICE SADDLES SHALL CONFORM TO ANSI/AWWA C111/A21.11-85 AND ASTM A 588.

11. SERVICE LINES SHALL BE GALVANIZED STEEL PIPE (G.S.P.), SCHEDULE 40, CONFORMING TO ANSI/AWWA C800-84 SHALL WITHSTAND A WORKING PRESSURE OF 160 PSI.

12. POLYVINYL CHLORIDE (PVC) SCHEDULE 80 PIPE AND SCHEDULE 80 FITTINGS. DETECTO TAPE TO BE USED ON ALL P.V.C. PIPE. NO SOLVENT WELD JOINTS PERMITTED.

13. SERVICE LINES SHALL BE MUELLER OR APPROVED EQUAL SDR 9, PE 3406 POLYETHELENE TUBING SERVICE PIPE AND SHALL BE AS DESCRIBED IN AWWA C-901-88 OR LATEST REVISION WITH A WORKING PRESSURE OF 160 PSI. PIPE JOINTS SHALL BE OF THE COMPRESSION TYPE TOTALLY CONFINED GRIP SEAL AND COUPLING NUT. STAINLESS STEEL TUBE STIFFENER INSERTS SHALL BE USED.

14. CORPORATION STOPS SHALL BE MANUFACTURED OF BRASS ALLOY IN ACCORDANCE WITH ASTM B 62 WITH THREADED ENDS, AS MANUFACTURED BY MUELLER H10046 OR APPROVED EQUAL.

15. CURB STOPS SHALL BE MUELLER H10203 OR APPROVED EQUAL.

16. METER STOPS SHALL BE LOCKWING TYPE AND SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM B 62. METER STOPS SHALL BE CLOSED BOTTOM DESIGN AND RESILIENT "O" RING SEALED AGAINST EXTERNAL LEAKAGE AT THE TOP. STOPS SHALL BE EQUIPPED WITH A METER COUPLING NUT ON THE OUTLET SIDES, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.

D. INSTALLATION:

1. ALL P.V.C. PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE UNI-BELL PLASTIC PIPE ASSOCIATIONS "GUIDE FOR INSTALLATION OF P.V.C. PRESSURE PIPE FOR MUNICIPAL WATER DISTRIBUTION SYSTEM."

2. ALL D.I.P. SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600-87 OR LATEST REVISION.

3. ALL WATER MAINS SHALL BE LAID WITH A MINIMUM 48" COVER.

4. PIPE DEFLECTION SHALL NOT EXCEED 75% OF THE MAXIMUM DEFLECTION RECOMMENDED BY THE MANUFACTURER.

5. A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED. BACKFILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND THE PIPE AS SHOWN ON THE PLANS. STONES FOUND IN THE TRENCH SHALL BE REMOVED FOR A DEPTH OF AT LEAST 6" BELOW THE BOTTOM OF THE PIPE.

6. ALL VALVES SHALL BE INSTALLED WITH ADJUSTABLE CAST IRON VALVE BOXES WITH THE WORD "W" CAST IN THE COVER.

E. TESTING:

1. BEFORE ANY PHYSICAL CONNECTIONS TO THE EXISTING WATER MAINS ARE MADE, THE COMPLETE WATER SYSTEM SHALL BE PRESSURE TESTED AND DISINFECTED. HYDROSTATIC TESTING OF NEW MAINS SHALL BE PERFORMED AT A MINIMUM STARTING PRESSURE OF 150 PSI FOR TWO HOURS IN ACCORDANCE WITH ANSI/AWWA C600-87 OR LATEST REVISION, THE PRESSURE TEST SHALL NOT VARY MORE THAN ±5 PSI DURING THE TEST.

2. THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE CITY OF MIAMI BEACH AND THE ENGINEER OF RECORD.

3. BEFORE ACCEPTANCE FOR OPERATION, THE WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH THE ANSI/AWWA C651-86 OR LATEST REVISION WITH BACTERIOLOGICAL SAMPLES APPROVED BY THE DADE COUNTY PUBLIC HEALTH UNIT.

4. SAMPLING POINTS SHALL BE PROVIDED AT THE LOCATIONS SHOWN ON THE PLANS. IF NOT SPECIFIED, SAMPLING POINTS SHALL BE PROVIDED AT INTERVALS OF 1500 MAXIMUM FOR LINES GREATER THAN 1500 IN LENGTH. PROVIDE A MINIMUM OF TWO SAMPLING POINTS FOR ALL OTHER TEST SEGMENTS.

5. THE ALLOWABLE LEAKAGE SHALL BE LESS THAN THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FORMULA:

$$L = \frac{(S \cdot D \cdot P)^{0.5}}{133,200}$$

IN WHICH L EQUALS THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR. S=LENGTH OF PIPE (LINEAR FEET), D=NOMINAL DIAMETER OF PIPE (INCHES) AND P=THE MINIMUM TEST PRESSURE (POUNDS PER SQUARE INCH).

X. WASTEWATER COLLECTION SYSTEM:

A. GENERAL:

1. MANHOLE RIM ELEVATIONS AS SHOWN ON PLANS MAY BE ADJUSTED TO CONFORM TO NEW OR EXISTING GRADES.

2. DISTANCES AND LENGTHS SHOWN ON PLANS & PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.

B. MATERIALS:

1. ALL P.V.C. SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL (PVC) PIPE CONFORMING TO ASTM D 3934, SDR 35, WITH PUSH-ON RUBBER GASKETS JOINTS.

2. DUCTILE IRON PIPE (D.I.P.) SHALL BE POLYLINED INSIDE (U.S. PIPE OR EQUAL) AND SHALL HAVE A COAL TAR EPOXY COATING, MANUFACTURED IN ACCORDANCE WITH ANSI/AWWA C 151/A21.51-85 OR LATEST REVISION, MINIMUM WALL THICKNESS CLASS 51 (UNLESS OTHERWISE SPECIFIED).

3. ALL FITTINGS AND ACCESSORIES SHALL BE AS MANUFACTURED OR SUPPLIED BY THE PIPE MANUFACTURER OR APPROVED EQUAL.

4. MANHOLES SHALL BE PRECAST PER ASTM C 478 WITH 4,000 PSI CONCRETE AND GRADE 40 STEEL. MONOLITHICALLY POURED BASES ONLY.

C. INSTALLATION:

1. SEWER PIPE SHALL BE LAID IN ACCORDANCE WITH ASTM D 2321 AND THE UNI-BELL PLASTIC PIPE ASSOCIATION'S "RECOMMENDED PRACTICE FOR THE INSTALLATION OF PVC SEWER PIPE."

2. D.I.P. SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C-600-86 OR LATEST REVISION.

3. ASBESTOS CEMENT MANHOLE COUPLINGS SHALL BE GROUTED IN PLACE AT EACH PIPE CONNECTION INTO A MANHOLE WALL.

4. MANHOLES SHALL BE SET PLUMB TO LINE AND GRADE ON FIRM SUBGRADE PROVIDING UNIFORM BEARING UNDER THE BASE.

5. ALL OPENINGS AND JOINTS SHALL BE SEALED WATERTIGHT.

6. THE ENTIRE INSIDE OF THE MANHOLES SHALL BE PAINTED WITH TWO COATS OF DIFFERENT COLORS (8 MILS EACH) OF KOPPERS 300-M BITUMASTIC PAINT OR ENGINEER'S APPROVED EQUAL. THE OUTSIDE OF EACH MANHOLE REQUIRES ONLY ONE COAT (8MIL) OF THE SAME TYPE OF PAINT.

D. TESTING:

1. AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE ENGINEER MAY REQUIRE A VISUAL LAMPING, INFILTRATION AND/OR EXFILTRATION TEST TO BE PERFORMED ON THE ENTIRE SYSTEM OR ANY PART THEREOF.

2. AN AIR TEST MAY BE SUBSTITUTED FOR THE WATER EXFILTRATION TEST, UPON APPROVAL OF THE ENGINEER.

3. MANHOLE LEAKAGE TEST SHALL NOT EXCEED FOUR GALLONS PER DAY PER UNIT.

4. SEWER PIPE LEAKAGE ALLOWABLE SHALL NOT EXCEED 150 GALLONS PER DAY PER INCH DIAMETER PER MILE IN A TWO HOUR TEST PERIOD FOR ANY SECTION TESTED.

XI. STORM DRAINAGE:

A. GENERAL:

1. CATCH BASIN GRATES AND RIM ELEVATIONS AS SHOWN ON PLANS MAY BE ADJUSTED TO CONFORM TO NEW OR EXISTING GRADES.

2. DISTANCES AND LENGTHS SHOWN ON PLANS AND PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.

B. MATERIALS:

1. REINFORCED CONCRETE PIPE (R.C.P.) SHALL MEET THE REQUIREMENTS OF ASTM C-76, LATEST REVISION. RUBBER GASKETS OR OTHER MANUFACTURER SUPPLIED JOINT SEALER SHALL BE USED.

2. CORRUGATED ALUMINUM PIPE (C.A.P.) SHALL BE HELICAL TYPE, CONFORMING TO ASTM B209 AND AASHTO M196, AS MANUFACTURED BY KAISER ALUMINUM, INC., OR APPROVED EQUAL. THE CORRUGATION PATTERN AND GAUGE SHALL BE AS FOLLOWS:

DIA	CORRUGATION	GAUGE
12" TO 21"	2 2/3" X 1/2"	16
24" TO 27"	2 2/3" X 1/2"	16
30" TO 42"	3" X 1"	14
42" TO 54"	3" X 1"	12

3. POLYVINYL CHLORIDE DRAIN PIPE (P.V.C.) SHALL BE MANUFACTURED WITH PVC COMPOUNDS PER ASTM D1784. PVC DRAIN PIPE SHALL BE TESTED IN ACCORDANCE TO ASTM D2152. THE ELASTOMERIC SEAL (GASKETS) SHALL MEET ASTM F477. AS MANUFACTURED BY J-M MANUFACTURING CO., INC. OR APPROVED EQUAL.

4. THE PVC PIPE JOINTS SHALL COMPLY WITH ASTM D3212.

5. PIPE COUPLINGS FOR C.A.P. SHALL BE 12" WIDE (MINIMUM) SPLIT BANDS OF THE SAME ALLOW AS THE PIPE MAY BE ONE GAUGE LIGHTER THAN THE PIPE. POLYURETHANE OR OTHER MANUFACTURER SUPPLIED SEALANT SHALL BE USED WITH THE COUPLINGS.

6. ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRE-CAST CONCRETE AS MANUFACTURED BY U.S. PRE-CAST CORPORATION. BLOCK CATCH BASINS WILL BE ALLOWED ONLY WITH APPROVAL OF THE ENGINEER. THE MINIMUM WALL AND SLAB THICKNESS SHALL BE 8 INCHES AND THE MINIMUM REINFORCING SHALL BE NO. 4 BARS AT 12 INCHES EACH WAY UNLESS OTHERWISE INDICATED. CONCRETE SHALL BE MINIMUM OF F'c=3750 PSI AT 28 DAYS.

C. INSTALLATION:

1. PIPE SHALL BE PLACED OF A MINIMUM OF 8" STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO A UNIFORM LINE AND GRADE.

2. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS.

3. PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AT LEAST 24 HOURS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

XI. STORM DRAINAGE PRE-TREATMENT/EXFILTRATION SYSTEM

1. ALL DRAINFIELD SHALL BE INSTALLED AT THE WIDTH, DEPTH, AND ELEVATION SHOWN ON THE APPROVED CROSS SECTION. ANY CONFLICT WITH EXISTING OR PROPOSED UTILITIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ANY IMPERMEABLE MATERIAL ENCOUNTERED IN THE EXCAVATION FOR THE DRAINFIELD SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

2. DRAINFIELD ROCK SHALL BE WASHED ROCK, 3/4 INCH IN DIAMETER WITH PEA ROCK ON THE TOP 6" AS SHOWN ON THE TYPICAL EXFILTRATION TRENCH DETAIL.

3. THE TRENCH LINER SHALL BE POLYPROPYLENE FILTER FABRIC AS MANUFACTURED BY NICOLON CORP. OR APPROVED EQUAL. IT SHALL BE USED ON THE SIDES AND TOP OF THE DRAINFIELD DITCH. THE TOP SECTION OF THE MATERIAL SHALL BE LAPPED A MINIMUM OF 12" INCHES AND THE CONTRACTOR SHALL TAKE EXTREME CARE IN BACKFILLING TO AVOID BUNCHING OF THE FABRIC.

4. PERFORATED PIPE WITHIN THE DRAINFIELD SHALL HAVE 3/8" PERFORATION 360 DEGREES AROUND THE PIPE WITH APPROXIMATELY 120 PERFORATIONS PER FOOT OF PIPE.

5. PERFORATED PIPE SHALL TERMINATE 4'-0" FROM THE DRAINAGE STRUCTURE. THE REMAINING 4'-0" SHALL BE NON-PERFORATED PIPE.

STANDARD SEPARATION STATEMENT FOR WATER AND SEWER CONFLICTS

1. Sanitary sewers, force mains, and storm sewers should cross under water mains whenever possible. Sanitary sewers, force mains and storm sewers crossing water mains shall be laid to provide a minimum vertical distance of 18 inches between the invert of the upper pipe and the crown of the lower pipe whenever possible.

   Where sanitary sewers, force mains and storm sewers must cross a water main with less than 18 inches vertical distance, both the sewer and the water main shall be constructed of ductile iron pipe (DIP) at the crossing. (DIP is not required for storm sewers.) Sufficient lengths of DIP must be used to provide a minimum separation of 10 feet between any two joints. All joints on the water main within 20 feet of the crossing must mechanically restrained. A minimum vertical clearance of 6 inches must be maintained at all crossings.

   All crossing shall be arranged to that the sewer pipe joints and the water main pip joints are equidistant from the point of crossing (pipes centered on the crossing).

   Were a new pip conflicts with an existing pipe with less than 18 inches vertical clearance, the new pipe shall be constructed of DIP (except storm sewers) and the new pipe shall be arranged to meet the crossing requirements above.

2. A minimum 10-foot horizontal separation shall be maintained between any type of sewer and water main in parallel installations whenever possible.

   In cases where it is not possible to maintain a 10-foot horizontal separation, the water main must be laid in a separate trench or on an undisturbed earth shelf located on one side of the sewer or force main at such an elevation that the bottom of the water main is at least 18 inches above the top of the sewer.

   Where it is not possible to maintain a vertical distance of 18 inches in parallel installations, the water main shall be constructed of DIP and the sewer or the force main shall be constructed of DIP (except storm sewers) with a minimum vertical distance of 6 inches. The water main should always be above the sewer. Joints on the water main shall be located as far apart as possible from joints on the sewer or force main (staggered joints).

3. All DIP shall be class 50 or higher. Adequate protective measures against corrosion shall be used as determined by the design engineer.

4. Maximum obtainable separation of reclaimed water lines and domestic water lines shall be practiced. A minimum horizontal separation of five feet (center to center) or three feet (outside to outside), shall be maintained between reclaimed water lines and either potable water mains or sewage collection lines. A minimum vertical clearance of 18 inches must be maintained between reclaimed water lines and potable water mains or sewage collection lines. At crossings provisions of FAC Rule 17-604 and 10 States Standards apply.

"AS BUILT" REQUIREMENTS

1. AT THE COMPLETION OF ANY WATER AND SEWER JOB, THE CONTRACTOR SHALL SUBMIT:

   A. "AS BUILT" MYLAR 24"x36" (MIN 4 MIL THICKNESS) FOR EACH PHASE.
   B. BLUELINE (FROM MYLAR) WHICH HAS BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR OR ENGINEER, AND ENDORSED BY THE CONTRACTOR (2 EACH).

2. "AS BUILT" FORMAT:

   A. 24"x36" MYLAR IN INK ONLY.
   B. THE WORD "AS BUILT" IN LARGE LETTERS.
   C. TITLE BLOCK WITH DEPARTMENT E.R. NUMBER AND PERTINENT INFORMATION.
   D. PREFERRED SCALE TO BE 1" = 40' HORIZONTALLY AND 1" = 4' VERTICALLY.
   E. STREET NOMENCLATURE.
   F. SEPARATE WATER AND SEWER PROFILE.
   G. STATION MAIN STARTING WITH 0 + 00 AT PERMANENT REFERENCE POINT (I.E., BASELINE, CENTERLINE, ETC.) AND TO RUN CONTINUOUSLY TO END OF MAIN AT PIPE.
   H. EASEMENTS, IF ANY, TIED TO PERMANENT REFERENCE POINT.
   I. IDENTIFY ALL CONTROL LINES (I.E. BASELINE, PROPERTY LINE R/W, ETC.).
   J. ALL "PROPOSED" INFORMATION TO BE REMOVED FROM MYLAR, LEAVING ONLY "AS- BUILT" INFORMATION REFLECTED IN DRAWINGS.

WATER "AS BUILTS" MUST INCLUDE:

3A. PLAN SHOWING SIZE, MATERIAL AND OFFSET OF MAIN, DEFLECTIONS (IF ANY), STATION OF SERVICES, HYDRANTS AND FITTINGS AT THE MAIN LINE (IF PERPENDICULAR TO IT) AND AT MAIN AND END OF SERVICE IF ANY, OTHER ANGLE AND DEFLECTION OF PIPE, IF ANY.

3B. PROFILE SHOWING TOP OF GROUND AND TOP OF PIPE ELEVATIONS AT EVERY 100' STATION AND AT ANY CHANGE IN GRADE (WITH CORRESPONDING STATION) SIZE AND MATERIAL OF PIPE AND REFERENCE TO PLAN.

SEWER "AS BUILTS" MUST INCLUDE:

4A. PLAN SHOWING MANHOLE NUMBER, SIZE AND MATERIAL OF PIPE, DEFLECTION, IF ANY (FORCE MAIN ONLY) - AND LOCATION OF LATERALS WITH REFERENCE TO MANHOLE.

4B. PROFILE SHOWING MANHOLE NUMBER (AS PER PLAN), RIM AND INVERT ELEVATIONS (IF MORE THAN ONE INVERT, LABEL NORTH, SOUTH ETC.) AND STATION STARTING AT 0 + 00 AT DOWNSTREAM MANHOLE.

MIAMI DADE WATER & SEWER AUTHORITY DEPARTMENT STANDARD DETAIL NOTES:

1. ALL MATERIALS AND LABOR UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI DADE WATER & SEWER AUTHORITY DEPARTMENT AND SHALL CONFORM CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE AND ON FILE WITH THE DEPARTMENT.

2. COVER OVER WATER MAINS SHALL BE 4'-0".

3. ALL WATERMAIN LINE VALVES SHALL BE INSTALLED COMPLETE WITH 10" RISER PIPES AND NUMBER 3 VALVE BOXES. FIRE HYDRANTS AND SERVICE VALVES SHALL BE INSTALLED COMPLETE WITH 6" RISER PIPES AND NUMBER 2 VALVE BOXES.

4. ALL WATER METERS WILL BE INSTALLED BY THE MIAMI DADE WATER & SEWER AUTHORITY DEPARTMENT PROVIDING THE APPROPRIATE CHARGES HAVE BEEN PREPAID.

5. FIRE HYDRANT REQUIREMENTS (NUMBER & LOCATIONS) SHALL BE REQUIRED BY DADE COUNTY FIRE DEPARTMENT OR THE APPROPRIATE FIRE AGENCY WITH INSTALLATIONS IN ACCORDANCE WITH AUTHORITY DEPARTMENT STANDARDS.

6. THE CONTRACTOR MUST CALL MDWASA INSPECTION DIVISION TO ARRANGE FOR A PERMIT AND A PRE-CONSTRUCTION MEETING 40 HOURS PRIOR TO PROPOSED START OF CONSTRUCTION.

7. DEPARTMENT PERSONNEL WILL INSPECT ALL FACILITIES APPROVED BY THIS DEPARTMENT. ALL OTHER REQUIREMENTS OF THE PERMITTING AGENCY SHALL BE IN ACCORDANCE WITH THEIR STANDARDS AND REQUIREMENTS.

8. WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED AS COMPLETE UNTIL FINAL ACCEPTANCE OF THE SYSTEM BY THE DEPARTMENT AND UNTIL THE FOLLOWING DOCUMENTS ARE RECEIVED AND APPROVED BY THE DEPARTMENT.

   1. EASEMENTS, IF REQUIRED.
   2. CONTRACTOR'S WAIVER AND RELEASE OF LIEN.
   3. ABSOLUTE BILL OF SALE.
   4A. CONTRACTOR'S LETTER OF WARRANTY (I.E. LETTER AGREEMENT).
   4B. DEVELOPERS CONTRACT BOND (I.E. CONTRACT AGREEMENT).
   5. "AS BUILT" MYLAR 24"x36" SHOWING SPECIFIC LOCATIONS DEPTH, ETC. OF ALL WATER FACILITIES AS LOCATED BY A LICENSED SURVEYOR, ALONG WITH TWO (2) PRINTS OF THE "AS BUILT" WHICH HAVE BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR OR ENGINEER OF RECORD, AND ENDORCED BY THE CONTRACTOR.

9. ALL NEW CONNECTIONS FROM EXISTING DEPARTMENT MAINS TO BE MADE BY DEPARTMENT FORCES ONLY. THE CONTRACTOR SHALL EXCAVATE AT REQUIRED LOCATIONS, PROVIDE AND INSTALL MATERIAL WITH FITTINGS PRIOR TO TAP.

10. AN APPROVED PAVING AND DRAINAGE PLAN MUST BE SUBMITTED MDWASAD FOR ALL NEW FOR ALL NEW SUBDIVISIONS PRIOR TO APPROVAL OF WATER AND SEWER PERMIT PLANS UPON REQUEST.

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NO.	DATE:	REVISION
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TITLE: GENERAL NOTES
DATE: 7-1-94
SCALE: 1" = 2'
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3 OF 3 SHEETS