CONCRETE JOIST SCHEDULE

SPAN	o.f.	31'-0" (D)	35'-0" (F)	18'-0" (G)	24'-0"	n.o.f.	o.f.	32'-0"	n.o.f.	o.f.	19'-0" (G)	24'-0" (G)	o.f.	21'-0"	n.o.f.	o.f.	19'-0" (G)	Varies	n.o.f.	(D) 35'-0" (F)	18'-0" (G)	Varies	n.o.f.	(D) 35'-0" (F)	Varies	n.o.f.
DESIG. & SIZE		RJ-1 G120+3 4J-1 G120+3 3J-1 G120+3 2J-7 G120+3	RJ-2 G120+3 4J-2 G120+3 3J-2 G120+3 2J-8 G120+3	RJ-3 G120+3 4J-3 G120+3 3J-3 G120+3 2J-9 G120+3	RJ-4 G120+3 4J-4 G120+3 3J-4 G120+3 2J-10 G120+3			RJ-5 G120+3 4J-5 G120+3 3J-5 G120+3 2J-23 G120+3			RJ-6 G120+3 4J-6 G120+3 3J-6 G120+3 2J-24 G120+3	RJ-7 G120+3 4J-7 G120+3 3J-7 G120+3 2J-25 G120+3		RJ-8 G120+3 4J-8 G120+3 3J-8 G120+3			RJ-9 G120+3 4J-11 G120+3 3J-13 G120+3 2J-18 G120+3			4J-9 G120+3	4J-10 G120+3		4J-12 G120+3	4J-13 G120+3	4J-14 G120+3		4J-15 G120+3	4J-16 G120+3	
TOP REINF.		2#4 typ. 1#7 1#7 1'-0" typ.	17'-0" (Slope conc. 2" to ridge at 20'-0" only) 1#9 2'-0" typ. 1#7 1#8	1#7 1'-0" typ. 1#7				2#4 typ. 1#7 2'-0" 1#7			2#4 typ. 1#7 1#8 2'-0" typ. 1'-0" 1#7			2#4 typ. 1#7 2'-0" 1#7			2#4 typ. 1#7 1#8 2'-0" typ. 1#7			2#4 typ. 1#8 1#8 9'-0" 2'-0" typ. 9'-0" 5'-0" 1'-0" typ. 1#7			2#4 typ. 1#8 2'-0" 1#9 9'-0" 1'-0"		
BOTTOM		1#7	1#8	1#7				1#7			1#7			1#7			1#7	1#7		1#9	1#7	1#7		1#9	1#9	

SPAN	o.f.	31'-0" (D)	35'-0" (F)	18'-0" (G)	Varies	n.o.f.	o.f.	35'-0" (F)	Varies	n.o.f.	o.f.	35'-0" (F)	Varies	n.o.f.	o.f.	17'-0" (C)	26'-0" (E)	25'-0"	n.o.f.	o.f.	26'-0" (C)	24'-0" (E)	26'-0"	n.o.f.	o.f.	31'-0" (D)	35'-0" (F)	19'-0"	n.o.f.
DESIG. & SIZE		3J-9 G120+3 2J-14 G120+3	3J-10 G120+3 2J-15 G120+3	3J-11 G120+3 2J-16 G120+3	3J-12 G120+3 2J-17 G120+3			3J-16 G120+3 2J-19 G120+3	3J-15 G120+3 2J-20 G120+3			3J-16 G120+3 2J-21 G120+3	3J-17 G120+3 2J-22 G120+3			2J-4 G120+3 1J-1 G120+3	2J-2 G120+3 1J-2 G120+3	2J-3 G120+3 1J-3 G120+3			2J-4 G120+3 1J-4 G120+3	2J-5 G120+3 1J-5 G120+3	2J-6 G120+3 1J-6 G120+3			2J-11 G120+3	2J-12 G120+3	2J-13 G120+3	
TOP REINF.		2#4 typ. 1#7 1#8 2'-0" typ. 9'-0" 9'-0" 2'-0" 1'-0" typ.	1#8 9'-0" 2'-0"	1#8 9'-0" 2'-0"	1#7			2#4 typ. 1#8 1#9 9'-0" 2'-0" typ. 9'-0" 5'-0" 2'-0"	1#7			2#4 typ. 1#8 1#9 9'-0" 2'-0" 9'-0" 2'-0" 1'-0" typ.	1#9			2#4 typ. 1#7 2'-0" typ. 1'-0" typ. 1#7	1#8 1#7	1#7			2#4 typ. 1#7 2'-0" typ. 1'-0" typ.	1#9 1#8 1#7	1#7			2#4 typ. 1#7 1#9 2'-0" typ.	1#9 1'-0" typ.	1#7	
BOTTOM		1#7	1#9	1#7	1#7			1#9 1'-0" typ.	1#7			1#9	1#7			1#7	1#7	1#7			1#8	1#7	1#7			1#7	1#8	1#7	

SPAN	o.f.	Varies	n.o.f.	o.f.	Varies	n.o.f.	o.f.	29'-0"	n.o.f.	o.f.	84'-2"	n.o.f.	o.f.	28'-0" (C)	24'-0" (E)	25'-0"	n.o.f.	o.f.	17'-8" (C)	24'-0" (E)	25'-0"	n.o.f.
DESIG. & SIZE		2J-26 G120+3			2J-27 G120+3			2J-28 G120+3 1J-8 G120+3			1J-7 G120+3			1J-9 G120+3	1J-10 G120+3	1J-11 G120+3			1J-12 G120+3	1J-13 G120+3	1J-14 G120+3	
TOP REINF.		2#4 typ. 1#7 2'-0"		2#4 typ. 1#7 2'-0"		2#4 typ. 1#9 2'-0" 1'-4" typ.					2#4 typ. 1#7 2'-0"		2#4 typ. 1#8 1#9 9'-0" 9'-0" 2'-0" typ. 1'-4" typ.			2#4 typ. 1#7 1#8 2'-0" typ. 1'-4" typ.			2#4 typ. 1#7 2'-0" typ. 1'-4" typ.				
BOTTOM		1#7			1#7	1#7 1#5					1#7		1#8 1#8 1'-0" typ.		1#7	1#8			1#7 1'-0" typ.		1#8	

CONCRETE BEAM SCHEDULE — CONTINUED FROM SHEET S-16

SPAN	o.f.	25'-0" (E)	25'-0"	n.o.f.	o.f.	25'-0" (F)	25'-0"	n.o.f.	o.f.	25'-0" (E)	9'-8"	n.o.f.	o.f.	9'-6"	n.o.f.
DESIG. & SIZE		1B-21 24/24	1B-22 24/24			1B-23 24/32	1B-24 24/32			1B-25 24/24	1B-26 24/24			1B-27 12/23	
TOP REINF.		2#4 typ. 1#9 2'-0" typ. 2#9,1C2 1'-0"	1#9			2#4 typ. 1#9 2'-0" typ. 1#9				2#4 typ. 1#9 2'-0" 1'-0"				2#4 typ. 2#6 2'-0"	
BOTTOM		1'-4" typ. 2#9				1'-4" typ. 2#9				1'-4" typ. 2#9				1'-0" typ. 2#6	
STIRRUPS	#3	@10" o.c.	@5" o.c.			@10" o.c.	do			do	do		#3	@10" o.c.	

CONCRETE BEAM SCHEDULE — BASE BID

SPAN	o.f.	25'-0" (D)	24'-0" (G)	10'-0"	13'-0"	n.o.f.	o.f.	25'-0" (D)	25'-0"	n.o.f.	o.f.	12'-0"	n.o.f.	o.f.	12'-0"	n.o.f.	o.f.	25'-0" (G)	23'-0"	n.o.f.	o.f.	25'-0" (E)	25'-0"	n.o.f.	o.f.	25'-0" (E)	25'-0"	n.o.f.	o.f.	25'-0" (E)	25'-0"	n.o.f.
DESIG. & SIZE		1B-1 24/32	1B-2 24/32	1B-3 24/32	1B-4 24/32			1B-5 24/32	1B-6 24/32			1B-7 24/32			1B-8 24/24			1B-9 24/32	1B-10 24/32			1B-11 24/24	1B-12 24/24			1B-13 24/24	1B-14 24/24			1B-15 24/32	1B-16 24/32	
TOP REINF.		2#4 typ. 4#9 2'-0" 2#9,1C2 1'-4" typ.	2'-0" typ.**	4#9 2'-0"				2#4 typ. 4#9 2'-0" typ.** 2#9,1C2 1'-4" typ. 1'-0"	4#9			2#4 typ. 4#9 2'-0" 1'-4" typ.			2#4 typ. 4#9 2'-0" 1'-4" typ.			2#4 typ. 4#9 2'-0" typ.** 1'-4" typ. 1'-0"				2#4 typ. 2#9,1C2 2'-0" typ.** 1'-4" typ. 1'-0"	4#9			2#4 typ. 4#9 2'-0" typ.** 1'-4" typ. 1'-0"	4#9			2#4 typ. 4#9 2'-0" typ.** 1'-4" typ. 1'-0"	4#9		
BOTTOM		2#6	1'-0" typ.	2#9				2#9				4#9			4#9			4#9				4#9				4#9				4#9		
STIRRUPS	#3	@10" o.c.	do	do	do			do	do			do			do			do	do			@10" o.c.	@5" o.c.			@10" o.c.	@5" o.c.			@10" o.c.	do	

SPAN	o.f.	9'-6"	n.o.f.	o.f.	25'-0" (9)	10'-0"	(BB) 13'-0"	n.o.f.	o.f.	25'-0" (9)	10'-0"	(BB) 13'-0"	n.o.f.	o.f.	25'-0" (9)	23'-0"	n.o.f.	o.f.	25'-0" (E)	24'-0" (C)	26'-0"	n.o.f.	o.f.	25'-0" (E)	25'-0"	n.o.f.	o.f.	25'-0" (E)	25'-0"	n.o.f.
DESIG. & SIZE		1B-17 12/23			2B-1 24/32	2B-2 24/32	2B-3 24/32			2B-4 24/32	2B-5 24/32	2B-6 24/32			2B-7 24/32	2B-8 24/32			2B-9 24/32	2B-10 24/32	2B-11 24/32			2B-12 24/24	2B-13 24/24			2B-14 24/24	2B-15 24/24	
TOP REINF.		2#4 typ. 2#6 2'-0"			4#9 2'-0" 2#8x16" 1'-4" typ.		4#9 2'-0" typ. 1'-4" typ.			4#9 2'-0" 2#8x16" 1'-4" typ.		4#9 2'-0" typ. 1'-4" typ.			4#9 2'-0" typ. 1'-4" typ.	4#9 1'-4" typ.			4#9 2'-0" typ. 1'-4" typ.		4#9 2'-0" typ. 1'-4" typ.			4#9 2'-0" typ. 2#9x16" 1'-4" typ.	4#9 1'-4" typ.			4#9 2'-0" typ. 2#9x16" 1'-4" typ.	4#9 1'-4" typ.	
BOTTOM		2#6	2#4 typ.	4#9	1'-0"	4#9			2#4 typ.	4#9	1'-0"			2#4 typ.	4#9	1'-0" 4#9		2#4 typ.	4#9	1'-0" typ.	4#9			4#9	1'-0" 4#9			4#9	1'-0" 4#9	
STIRRUPS	#3	@10" o.c.	#3	@10"	do	do				do	do	do			do	do			do	do	do			do	@5" o.c.			@10" o.c.	@5" o.c.	

U.N.M. MECHANICAL ENGINEERING BLDG.

JOIST SCHEDULE

pacheco and graham · architects

project	date	sheet
820/7627	11/20/78	S-18