

# REBAR SCHEDULE

# BAR BENDING SCHEDULE

## FLOOR & FOOTING

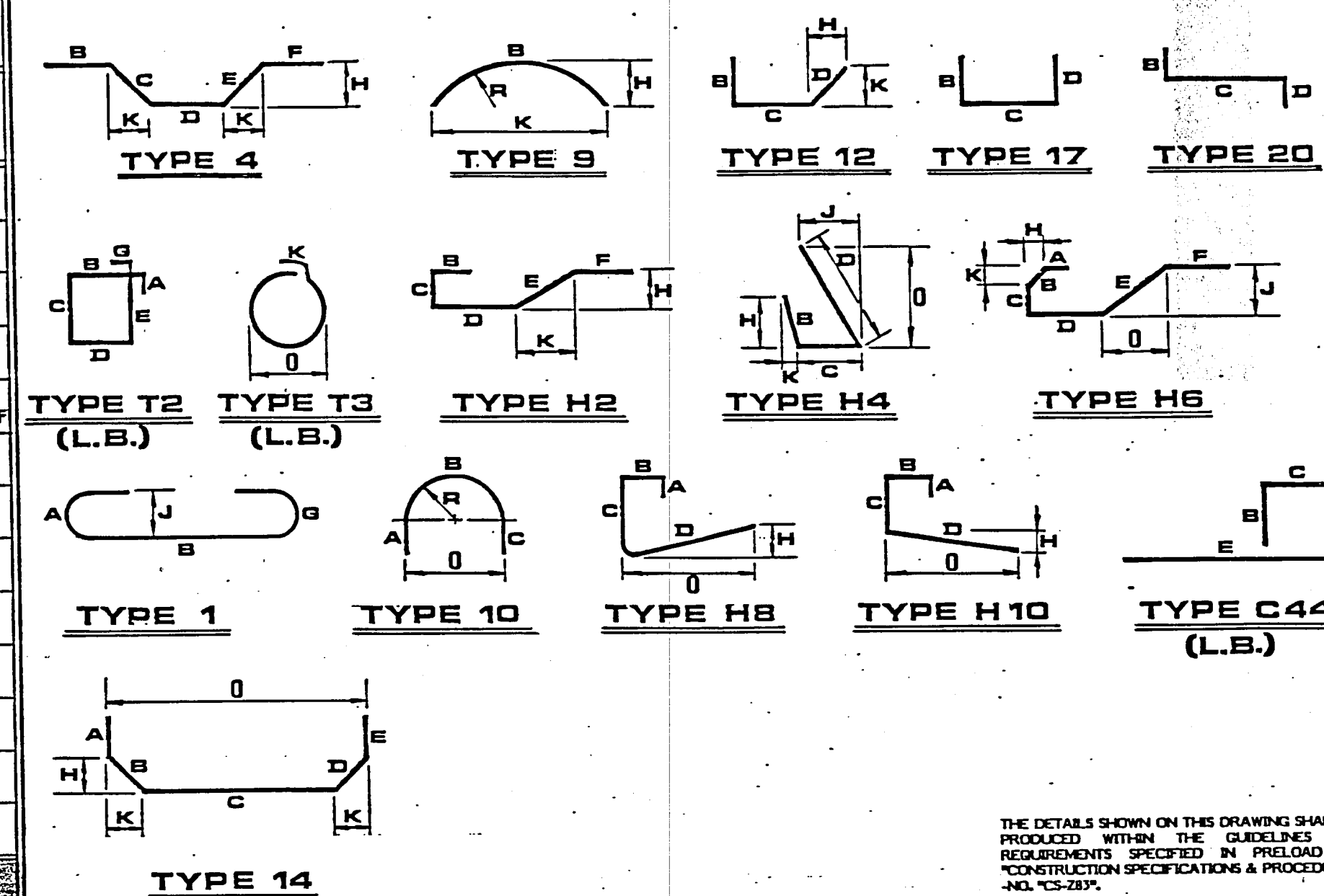
MARK	QUANTITIES		SIZE	LENGTH	WEIGHT			TYPE	LOCATION
	DESIGN	ORDER			No. 5	No. 4	No. 3		
FTG-1	183	189	#5	30'-0"	5914				FOOTING
FTG-2	62	71	#5	30'-0"	2222				do
FLR-1	789	802	#4	30'-0"		16072			CENTER FLOOR SECTION
FLR-2	24	26	#4	30'-0"		521			do
FLR-3	771	779	#4	30'-0"		15611			RADIAL OUTER FLOOR
FLR-4	771	779	#4	18'-4"		9538			do
FLR-5	937	947	#4	30'-0"		18978			CIRCUMFERENTIAL OUTER FLOOR
FLR-6	10	10	#5	4'-0"	42				INLET PIPE SUPPORT
EXTRA	6		#5	30'-0"	188				
EXTRA	30		#4	30'-0"		601			
TOTAL					8366	61321			
400	340	343	#4	9'-9"		2234		H2	FOOTING
401	329	329	#4	8'-9"		1923		H2	do
402	214	218	#4	3'-0"		437		20	do
415	4	4	#4	4'-0"		11		17	INLET PIPE SUPPORT
TOTAL						4605			

## WALL

MARK	QUANTITIES		SIZE	LENGTH	WEIGHT			TYPE	LOCATION
	DESIGN	ORDER			No. 5	No. 4	No. 3		
WAL-1	832	848	#3	6'-0"			1913		AT LIFTING INSERTS
WAL-3	130	133	#4	24'-5"			2170		SUPPORT REINFORCEMENT
WAL-4	568	582	#4	13'-4"			5184		4 SHEETER PANEL AT LIFTING INS.
WAL-6	851	870	#4	24'-6"			14238		I.F. VERTICAL REINFORCEMENT
WAL-7	810	834	#4	14'-0"			7800		I.F. VERTICAL REINFORCEMENT
WAL-8	114	122	#4	6'-8"			544		2 SHEETER PANEL I.F. @ LIFTING INS.
WAL-9	78	84	#3	6'-8"			211		2 SHEETER PANEL O.F. @ LIFTING INS.
WAL-10	182	182	#5	4'-4"			823		2 SHEETER PANEL BRACING REINF.
WAL-11	4	4	#4	16'-0"			43		OVERFLOW PANELS
WAL-12	546	560	#5	7'-9"			4527		4 SHEETER PANEL BRACING REINF.
WAL-13	12	12	#5	14'-0"			175		TEMPORARY MANHOLE PANEL
WAL-14	5	5	#4	20'-5"			68		do
WAL-15	10	10	#4	2'-5"			16		do
WAL-16	12	12	#5	24'-6"			307		do
WAL-17	4	4	#4	5'-10"			16		OVERFLOW PANELS
EXTRA	2		#5	30'-0"			63		
EXTRA	8		#4	30'-0"			160		
EXTRA	2		#3	30'-0"			23		
TOTAL							5895	30239	2147

## MISCELLANEOUS (ROOF)

MARK	QUANTITIES		SIZE	LENGTH	WEIGHT			TYPE	LOCATION
	DESIGN	ORDER			No. 5	No. 4	No. 3		
MSC-1	32	33	#4	6'-0"			132		ROOF AT OVERFLOWS
MSC-2	4	4	#4	4'-10"			13		HATCH
MSC-3	24	26	#5	8'-0"			217		do
MSC-4	32	34	#4	6'-0"			136		AT MK ANC-9 IN ROOF SLAB
MSC-5	4	4	#4	4'-6"			12		INLET PIPE SUPPORT ON ROOF
TOTAL							217	293	-
405	20	21	#4	3'-6"			49		1 VENT
408	20	21	#4	5'-0"			70		do
410	32	33	#4	2'-4"			51		17 SONIC TRANSMITTER
413	4	5	#4	7'-8"			26		17 HATCH
414	12	13	#4	4'-2"			36		17 do
416	12	12	#4	2'-6"			20		1 ROOF AT INLET PIPE
TOTAL							-	252	-
404	2	2	#4	17'-6"			23		T3 VENT
406	1	1	#4	25'-1"			17		T3 do
407	2	2	#4	16'-6"			22		10 do
409	2	2	#4	15'-8"			21		T3 do
411	3	3	#4	8'-11"			18		T3 ROOF AT SONIC TRANSMITTER
412	3	3	#4	15'-11"			32		T3 do
417	1	1	#4	13'-10"			9		T3 ROOF AT INLET PIPE
418	1	1	#4	15'-5"			10		T3 do
TOTAL							-	152	-



## COLUMN AND COLUMN FOOTING

MARK	QUANTITIES		SIZE	LENGTH	WEIGHT			TYPE	LOCATION
	DESIGN	ORDER			No. 5	No. 4	No. 3		
COL-1	698	700	#4	3'-8"			1716		COLUMN FOOTING
COL-2	552	560	#5	22'-5"			13095		COLUMN VERTICALS
TOTAL							13095	1716	
500	562	560	#5	3'-8"			2144		17 DOWELS FROM FOOTING
501	552	560	#5	8'-1"			4719		17 DOWELS INTO ROOF SLAB
TOTAL							6863		
403	1725	1750	#4	4'-8"			5459		T3 COLUMN TIES
TOTAL							5459		

## CURB

MARK	QUANTITIES		SIZE	LENGTH	WEIGHT			TYPE	LOCATION
	DESIGN	ORDER			No. 5	No. 4	No. 3		
ENC-1	90	93	#3	30'-0"				1049	WATERSTOP ENCASUREMENT
TOTAL								1049	

## TOTAL BAR WEIGHT

LOCATION	No.	No. 5	No. 4	No. 3	TOTAL (TYPE OF BARS)			TOTAL
					STRAIGHT	H. BEND.	L. BEND.	
FLOORING	-	8366	61321	-	69687			
HEAVY BENDING	-	-	4605	-		4605		
LIGHT BENDING	-	-	-	-	-	-	74292	
WALL	-	5895	30239	2147	38281			
HEAVY BENDING	-	-	-	-	-	-	-	38281
LIGHT BENDING	-	-	-	-	-	-	-	-
CURB	-	-	-	1049	1049			1049
STRAIGHT	-	13095	1716	-	14811			
HEAVY BENDING	-	6863	-	-		6863		
LIGHT BENDING	-	-	5459	-			5459	27133
MISC.	-	217	293	-	510			
HEAVY BENDING	-	-	252	-		252		
LIGHT BENDING	-	-	152	-			152	914
TOTAL	-	34436	104037	3196	124338	11720	5611	141669

LAP LENGTH		UNIT WEIGHT OF REBARS	
SIZE	LENGTH	SIZE	WEIGHT
3	1'-0"	3	.376
4	1'-3"	4	.668
5	1'-7"	5	1.043
6	1'-11"	6	1.502
7	2'-3"	7	2.044
8	2'-6"	8	2.670

MARK	SIZE	LENGTH	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
				400	#4	9'-9"	H2	2'-1"	*9 1/2"	2'-7 1/4"	1'-9 1/2"	2'-5 1/2"	10"		
401	#4	8'-9"	H2	2'-1"	*9 1/2"	2'-7 1/4"	1'-9 1/2"	1'-5 3/4"	10"				1'-7"		
402	#4	3'-0"	20	1'-1 1/2"	*8 3/4"	1'-1 3/8"									
403	#4	4'-8"	T3										1'-3 1/4"		1'-1"
404	#4	17'-6"	T3										1'-3 1/4"		5'-2"
405	#4	3'-6"	1	6"	3'-0"							4"			
406	#4	25'-1"	T3										1'-3		7'-7"
407	#4	16'-6"	10	7 1/4"	15'-3 1/4"	7 1/2"							4'-10 1/2"		9'-9"
408	#4	5'-0"	C44	7"	*5"	8"	3'-4"								
409	#4	15'-8"	T3										1'-3 1/2"		4'-7"
410	#4	2'-4"	17	-	1'-8"	8"									
411	#4	8'-11"	T3										1'-3 1/4"		2'-5"
412	#4	15'-11"	T3										1'-3"		4'-8"
413	#4	7'-8"	17	1'-4"	5'-0"	1'-4"									
414	#4	4'-2"	17	-	3'-0"	1'-2"									
415	#4	4'-0"	17	-	3'-4"	8"									
416	#4	2'-6"	1	6"	2'-0"							4"			
417	#4	13'-10"	T3										1'-3 1/4"		4'-0"
418	#4	15'-5"	T3										1'-3 1/2"		4'-6"
500	#5	3'-8"	17	-	3'-2"	6"									
501	#5	8'-1"	17	-	5'-5"	2'-8"									

**BENDING NOTE:** HOLD BENDING TOLERANCE TO +0", -1/2" FOR DIMENSIONS SHOWN THUS (\*)

**NOTES:**

- REBARS ARE TO BE NEW BILLET STEEL, ASTM A-615, GR. 60.
- MINIMUM LAP TO BE EQUAL TO 30 BAR DIAMETER UNLESS OTHERWISE NOTED.
- WELDED WIRE FABRIC TO BE ASTM A-185-LAPS 1 1/2 SQS.
- DESIGN QUANTITY IS THE NO. OF BARS PLACED IN THE STRUCTURE. ORDER QUANTITY REPRESENTS NO. OF BARS TO BE PURCHASED.
- REINFORCING FOR ROOF SLAB NOT INCLUDED. SEE DWGS. TEX. 83-007-8, 9, 10 & 11.

**WORKING DRAWING**

**PRELOAD**

839 STEWART AVENUE, GARDEN CITY, NEW YORK, 11530

ONE 6.0 M.G. WATER STORAGE TANK

ADDISON, TEXAS

**REBAR SCHEDULE**

DESIGNED: PV	SCALE: N.T.S.	CONTRACT NUMBER: 86 PE 004
CHECKED: RAO	DATE: 4-24-86	DRAWING NUMBER: 85-007-15

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