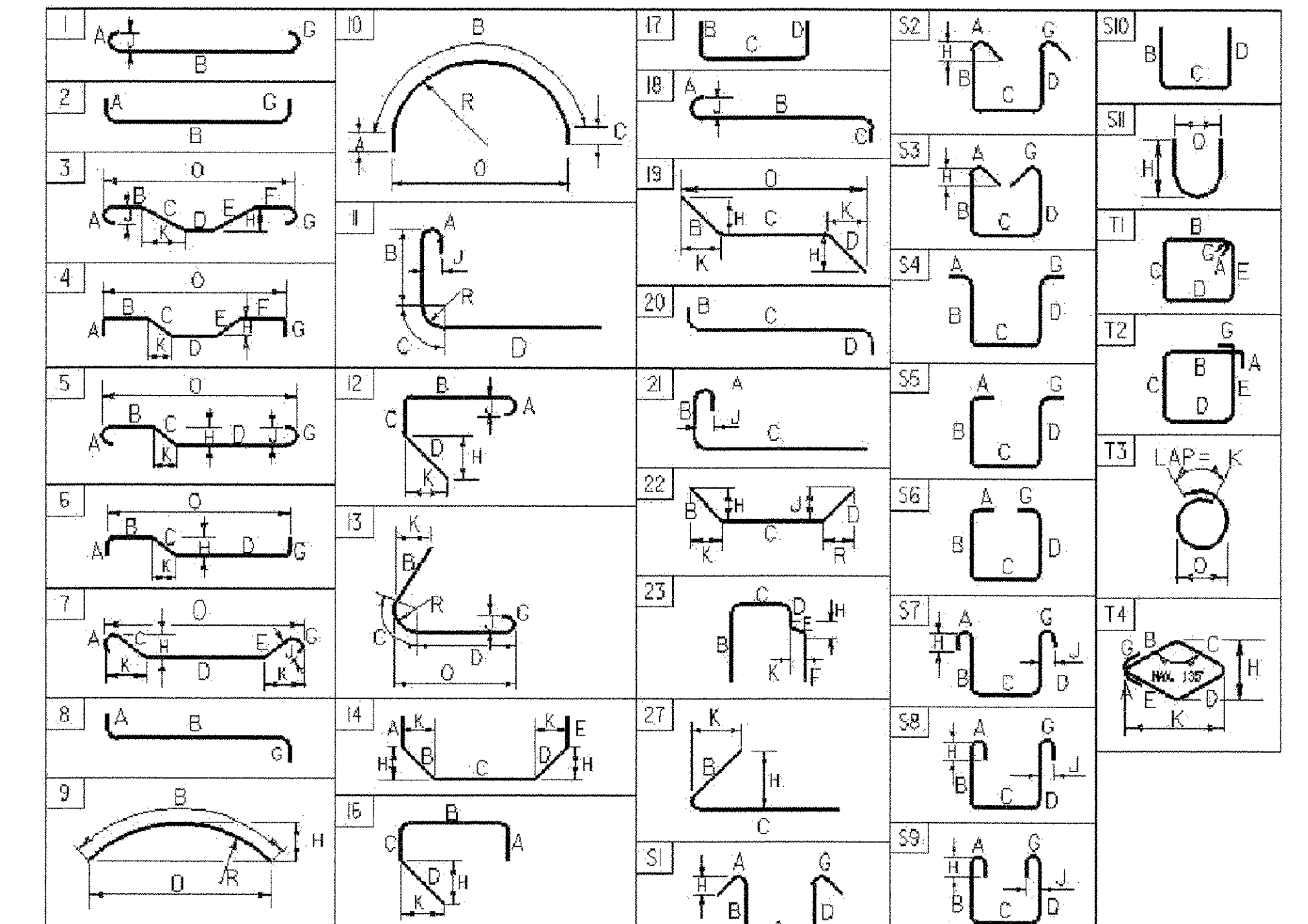


# REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
<b>PIER 1</b>																		<b>PIER 3</b>																	
<b>PIER 1 CAP</b>																		<b>PIER 3 CAP</b>																	
8	5	27'-9"	1EP501	STR		27'-9"												8	5	33'-7"	3EP501	STR		33'-7"											
15	5	11'-4"	1EP502A	STR		11'-4"												25	5	9'-5"	3EP502A	STR		9'-5"											
10	5	8'-5"	1EP502B	STR		8'-5"												10	5	7'-1"	3EP502B	STR		7'-1"											
7	9	37'-0"	1EP902A	STR		37'-0"												14	9	18'-0"	3EP902A	STR		18'-0"											
7	9	21'-0"	1EP902B	STR		21'-0"												7	9	38'-0"	3EP902B	STR		38'-0"											
14	9	29'-0"	1EP903	STR		29'-0"												14	9	26'-5"	3EP903A	STR		26'-5"											
																		7	9	21'-2"	3EP903B	STR		21'-2"											
56	5	7'-2"	1EP504	17		1'-8"	3'-10"	1'-8"										66	5	7'-2"	3EP504	17		1'-8"	3'-10"	1'-8"									
7	9	24'-3"	1EP901A	19		3'-4"	20'-11"	---					3'-4"		0'-2"	---		7	9	35'-11"	3EP901A	19		3'-4"	32'-7"	---				3'-4"		0'-2"	---		
7	9	40'-4"	1EP901B	27		3'-4"	37'-0"						3'-4"		0'-2"			7	9	40'-4"	3EP901B	27		3'-4"	37'-0"					3'-4"		0'-2"			
92	5	12'-6"	1EP503	T1		0'-6"	2'-5"	3'-4"	2'-5"	3'-4"		0'-6"						108	5	12'-6"	3EP503	T1		0'-6"	2'-5"	3'-4"	2'-5"	3'-4"		0'-6"					
<b>COLUMN 1</b>																		<b>COLUMN 7</b>																	
12	9	20'-5"	1EC901	STR		20'-5"												12	9	18'-3"	7EC901	STR		18'-3"											
9	5	11'-8"	1EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"						9	5	11'-8"	7EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"					
8	5	9'-4"	1EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"						8	5	9'-4"	7EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"					
1	4	557'-1"	1EC401	SP					2'-4"		0'-3"		19'-5"					1	4	469'-5"	7EC401	SP					2'-4"		0'-3"		16'-10"				
<b>COLUMN 2</b>																		<b>COLUMN 8</b>																	
12	9	21'-5"	2EC901	STR		21'-5"												12	9	19'-3"	8EC901	STR		19'-3"											
9	5	11'-8"	2EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"						9	5	11'-8"	8EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"					
8	5	9'-4"	2EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"						8	5	9'-4"	8EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"					
1	4	586'-4"	2EC401	SP					2'-4"		0'-3"		20'-5"					1	4	527'-9"	8EC401	SP					2'-4"		0'-3"		17'-10"				
<b>COLUMN 3</b>																		<b>COLUMN 9</b>																	
12	9	22'-6"	3EC901	STR		22'-6"												12	9	20'-3"	9EC901	STR		20'-3"											
9	5	11'-8"	3EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"						9	5	11'-8"	9EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"					
8	5	9'-4"	3EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"						8	5	9'-4"	9EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"					
1	4	615'-8"	3EC401	SP					2'-4"		0'-3"		21'-6"					1	4	528'-1"	9EC401	SP					2'-4"		0'-3"		18'-10"				
<b>PIER 2</b>																		<b>PIER 4</b>																	
<b>PIER 2 CAP</b>																		<b>PIER 4 CAP</b>																	
8	5	26'-5"	2EP501	STR		26'-5"												8	5	32'-4"	4EP501	STR		32'-4"											
15	5	10'-9"	2EP502A	STR		10'-9"												25	5	8'-10"	4EP502A	STR		8'-10"											
10	5	7'-11"	2EP502B	STR		7'-11"												10	5	7'-3"	4EP502B	STR		7'-3"											
7	9	39'-3"	2EP902A	STR		39'-3"												14	9	17'-9"	4EP902A	STR		17'-9"											
7	9	15'-11"	2EP902B	STR		15'-11"												7	9	36'-0"	4EP902B	STR		36'-0"											
14	9	27'-7"	2EP903	STR		27'-7"												14	9	25'-8"	4EP903A	STR		25'-8"											
																		7	9	20'-2"	4EP903B	STR		20'-2"											
54	5	7'-2"	2EP504	17		1'-8"	3'-10"	1'-8"										66	5	7'-2"	4EP504	17		1'-8"	3'-10"	1'-8"									
7	9	21'-5"	2EP901A	19		3'-4"	18'-11"	---					3'-4"		0'-2"	---		7	9	33'-5"	4EP901A	19		3'-4"	30'-1"	---				3'-4"		0'-2"	---		
7	9	40'-4"	2EP901B	27		3'-4"	37'-0"						3'-4"		0'-2"			7	9	40'-4"	4EP901B	27		3'-4"	37'-0"					3'-4"		0'-2"			
88	5	12'-6"	2EP503	T1		0'-6"	2'-5"	3'-4"	2'-5"	3'-4"		0'-6"						106	5	12'-6"	4EP503	T1		0'-6"	2'-5"	3'-4"	2'-5"	3'-4"		0'-6"					
<b>COLUMN 4</b>																		<b>COLUMN 10</b>																	
12	9	20'-7"	4EC901	STR		20'-7"												12	9	21'-3"	10EC901	STR		21'-3"											
9	5	11'-8"	4EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"						9	5	11'-8"	10EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"					
8	5	9'-4"	4EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"						8	5	9'-4"	10EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"					
1	4	557'-1"	4EC401	SP					2'-4"		0'-3"		19'-7"					1	4	557'-4"	10EC401	SP					2'-4"		0'-3"		19'-10"				
<b>COLUMN 5</b>																		<b>COLUMN 11</b>																	
12	9	21'-8"	5EC901	STR		21'-8"												12	9	19'-4"	11EC901	STR		19'-4"											
9	5	11'-8"	5EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"						9	5	11'-8"	11EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"					
8	5	9'-4"	5EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"						8	5	9'-4"	11EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"					
1	4	586'-4"	5EC401	SP					2'-4"		0'-3"		20'-8"					1	4	527'-9"	11EC401	SP					2'-4"		0'-3"		17'-11"				
<b>COLUMN 6</b>																		<b>COLUMN 12</b>																	
12	9	22'-8"	6EC901	STR		22'-8"												12	9	20'-4"	12EC901	STR		20'-4"											
9	5	11'-8"	6EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"						9	5	11'-8"	12EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"					
8	5	9'-4"	6EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"						8	5	9'-4"	12EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"					
1	4	615'-8"	6EC401	SP					2'-4"		0'-3"		21'-8"					1	4	528'-1"	12EC401	SP					2'-4"		0'-3"		18'-11"				
<b>COLUMN 13</b>																		<b>COLUMN 14</b>																	
12	9	21'-4"	13EC901	STR		21'-4"												12	9	22'-4"	14EC901	STR		22'-4"											
9	5	11'-8"	13EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"						9	5	11'-8"	14EC501	T1		0'-6"	2'-8"	2'-8"	2'-8"	2'-8"		0'-6"					
8	5	9'-4"	13EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"						8	5	9'-4"	14EC502	T1		0'-6"	1'-6"	2'-8"	1'-6"	2'-8"		0'-6"					
1	4	557'-4"	13EC401	SP					2'-4"		0'-3"		19'-11"					1	4	615'-8"	14EC401	SP					2'-4"		0'-3"		20'-11"				

~ NOTES ~

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASTM A 615-5). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
- FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
- BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
- ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
- "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
- "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
- WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
- ▲ DENOTES BARS TO BE CUT IN FIELD.
- \* DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- E IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	AREA INCHES <sup>2</sup>	PERIMETER INCHES
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	1.963