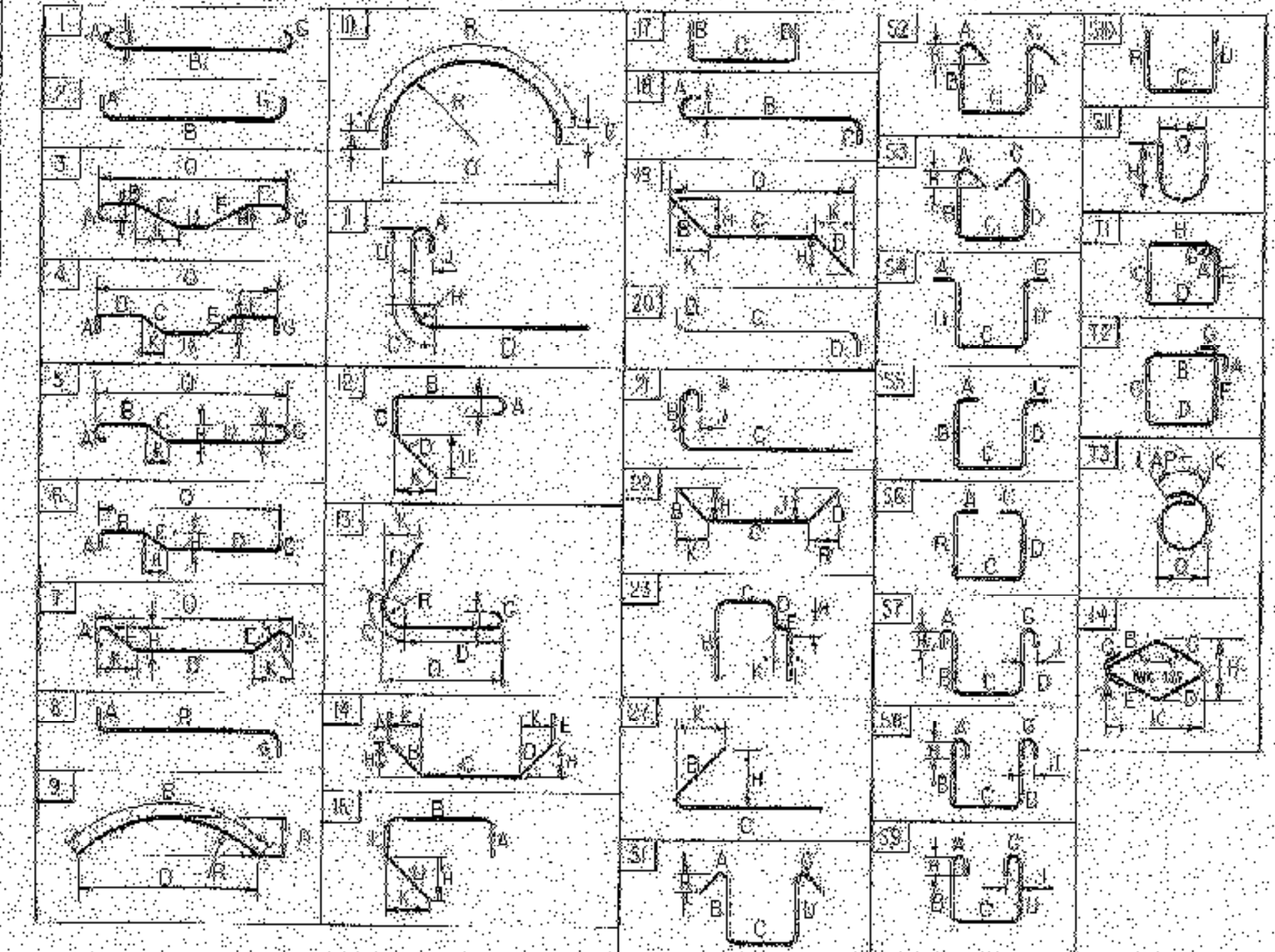


REINFORCING STEEL SCHEDULE

DECK									
186	16	10075	ES1601	STR					
180	16	1455	ES1602	S5	300	320	215	320	300
39	16	2360	ES1603	S5	660	220	680	140	660
188	16	7115	ES1604	1	175	6940			
ABUTMENT NO. 2									
22	19	7655	2A1604	STR					
28	16	3130	2A1602	STR					
30	16	3845	2A1603	STR					
28	16	5430	2A1604	STR					
30	16	4770	2A1605	STR					
32	16	3580	2A1606	STR					
34	16	1150	2A1607	STR					
14	16	1620	2A1608A	STR					
14	16	5760	2A1608B	STR					
32	16	2360	2A1608	S10				970	440
32	16	2360	2A1610	S10				1120	140
32	16	3320	2A1611	16	660	1040	420	1200	
30	16	3070	2A1612	17		1330	1740	---	---
8	16	3640	2A1613	S10		1600	440	1600	
31	22	4640	2A2201	17		1740	3100	---	---
29	22	3790	2A2202	17		1740	2050	---	---
29	25	3040	2A2501	STR					
ABUTMENT NO. 1									
11	16	7050	1A1601	STR					
26	16	4160	1A1602	STR					
30	16	3940	1A1603	STR					
28	16	4830	1A1604	STR					
30	16	2170	1A1605	STR					
32	16	1080	1A1606	STR					
32	16	1320	1A1607	STR					
14	16	6300	1A1608A	STR					
14	16	4700	1A1608B	STR					
11	16	9520	1A1614	STR					
3	16	4090	1A1615	STR					
32	16	2360	1A1609	S10		970	440	970	
32	16	2360	1A1610	S10		1120	140	1120	
32	16	3320	1A1611	16	660	1040	420	1200	
31	16	3070	1A1612	17		1330	1740	---	---
8	16	3640	1A1613	S10		1600	440	1600	
31	22	4640	1A2201	17		1740	3100	---	---
31	22	3790	1A2202	17		1740	2050	---	---
32	25	3040	1A2501	STR					
WINGWALL NO. 1									
17	16	4555	1W1601	STR					
13	16	3830	1W1602	STR					
13	16	3450	1W1603	STR					
40	16	3485	1W1604	STR					
11	16	3520	1W1605	STR					
2	16	2780	1W1606	S10		1540	440	1540	
2	16	2780	1W1607	19		350	2485	---	---
20	16	1600	1W1608	19		800	800	---	---
40	16	1860	1W1609	19		660	1200	---	---
11	19	2500	1W1901	STR					
13	25	3935	1W2501	17		425	3510	---	---
11	25	3480	1W2502	17		1160	2300	---	---
32	29	3240	1W2901	STR					
WINGWALL NO. 2									
12	16	4260	2W1601	STR					
19	16	1330	2W1602	STR					
18	16	4740	2W1603	STR					
42	16	5340	2W1604	STR					
5	16	6640	2W1605	STR					
4	16	1180	2W1607	STR					
17	16	3760	2W1608	S10		1630	440	1630	
14	16	3470	2W1609	STR					
14	16	1320	2W1610	17		660	660	---	---
6	18	1840	2W1811	17		1180	660	---	---
17	19	2700	2W1901	STR					
18	25	3925	2W2501	17		425	3500	---	---
18	25	3540	2W2502	17		1240	2300	---	---
48	29	3240	2W2901	STR					

- ~ NOTES ~
- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING 55M SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT" (ASTM A618/A618M). ALL BARS SHALL BE GRADE 420, 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 CUT TO CUT 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.



UNIT SIZE	NOMINAL SIZE (IN)	NOMINAL LINE WEIGHTS AND CROSS SECTION	
		LINE WEIGHT (LBS)	CROSS SECTIONAL AREA (SQ IN)
#10	0.560	9.5	71
#13	0.994	12.7	129
#16	1.552	15.9	199
#19	2.235	19.1	284
#22	3.042	22.2	387
#25	3.973	25.4	510
#29	5.060	28.7	645
#32	6.404	32.3	819
#36	7.967	35.8	1006
#43	11.360	43.0	1452
#57	20.240	57.3	2581