

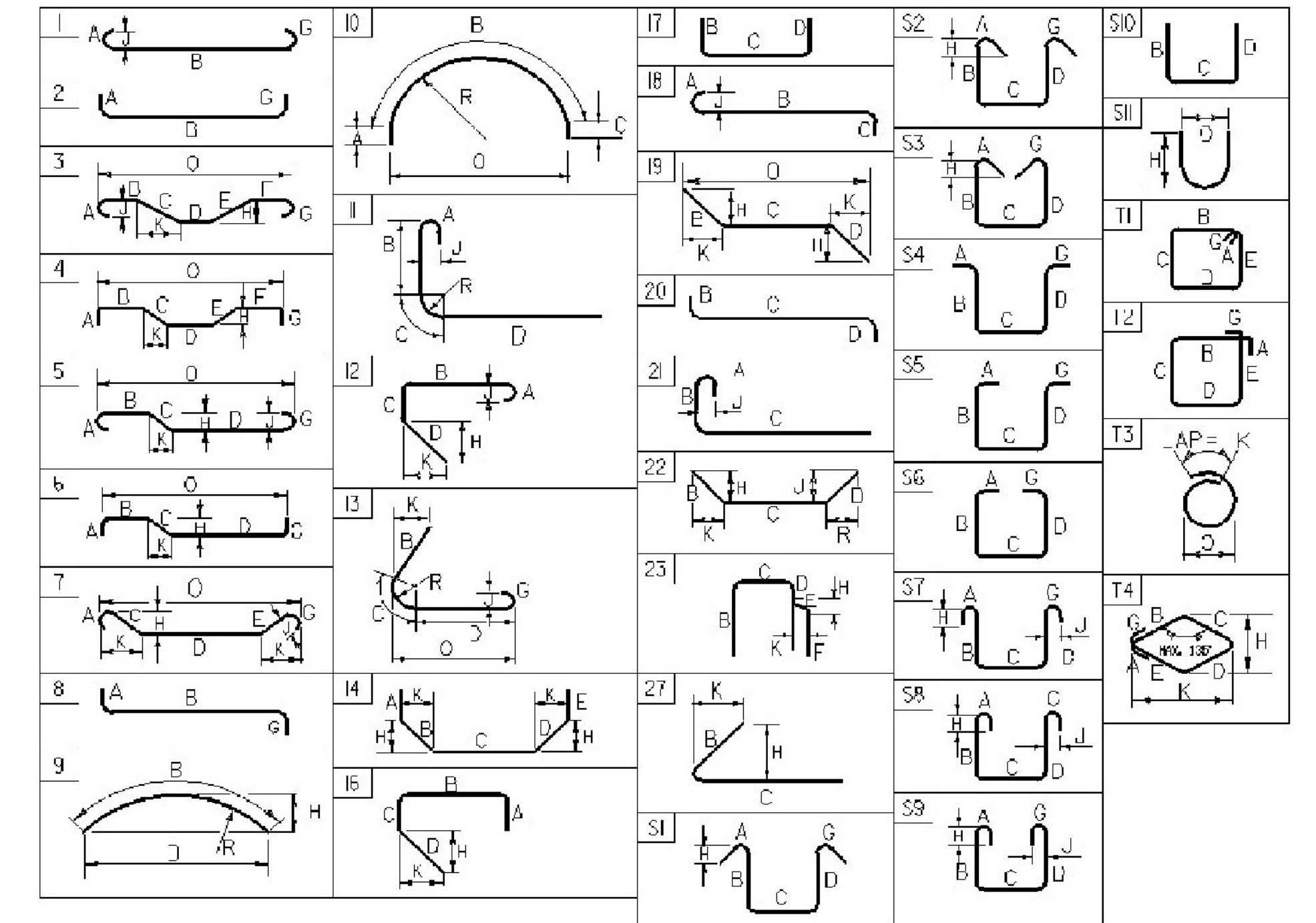
REINFORCING STEEL SCHEDULE



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
APPROACH SLAB NO. 1																																			
*	22	16	11524	E1AS1601	STR																														
	47	29	6225	E1AS2901	1	375	5850					0		300																					
APPROACH SLAB NO. 2																																			
	21	16	11524	E2AS1601	STR																														
△	49	29	6225	E2AS2901	1	375	5850					0		300																					
SUPERSTRUCTURE																																			
	1620	16	11600	ES1601	STR																														
*	223	16	9250	ES1602	STR																														
	148	16	11730	ES1603	STR																														
	88	16	1935	ES1604	16	660	285	655	355					250	250	250																			
	1514	16	1540	ES1805	S5	250	360	440	240																										
	2198	19	12740	ES1901	STR																														
△	298	19	10450	ES1902	STR																														
▲	10	19	12740	ES1903	STR																														
SOUTH SLANT LEG FOUNDATION																																			
	55	16	8340	SF1601	STR																														
	55	16	6100	SF1602	STR																														
	48	16	3060	SF1603	22		600	1860	600					600	415	0	433																		
	48	16	5250	SF1604	STR																														
*	49	16	1200	SF1605	22		600	600	0					433	0	415	0																		
	48	16	6035	SF1606	17		895	5140	0																										
	48	16	3785	SF1607	17		600	3184	0																										
*	26	16	2180	SF1608	17		470	1240	470																										
	10	16	6695	SF1609	T2	250	1856	1240	1856	1240			250																						
	48	29	5685	SF2901	STR																														
△	50	29	4635	SF2902	STR																														
△	72	36	1050	SSF3601	STR																														
NORTH SLANT LEG FOUNDATION																																			
	90	16	7740	NF1601	STR																														
	90	16	5500	NF1602	STR																														
*	45	16	3060	NF1603	22		600	1860	600					600	415	0	433																		
	44	16	10090	NF1604	STR																														
	44	16	8990	NF1605	27		600	8390						433	415																				
	44	16	6880	NF1606	17		600	6280	0																										
	25	16	2180	NF1607	17		470	1240	470																										
*	11	16	6695	NF1608	T2	250	1856	1240	1856	1240			250																						
	44	29	9700	NF2901	STR																														
△	46	29	8735	NF2902	STR																														
△	232	36	1050	SNF3601	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", AASHTO M 31M (ASTM A 615M-SI). 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 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.
- S IN BAR MARK PREFIX DENOTES STAINLESS STEEL REINFORCING STEEL.



BAR SIZE	NOMINAL MASS (kg/m)	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER (mm)	CROSS SECTIONAL AREA (mm ²)	PERIMETER (mm)
#10	0.560	9.5	71	29.84
#13	0.994	12.7	129	39.90
#16	1.552	15.9	199	49.95
#19	2.235	19.1	284	60.00
#22	3.042	22.2	387	69.74
#25	3.973	25.4	510	79.80
#29	5.060	28.7	645	90.16
#32	6.404	32.3	819	101.47
#36	7.907	35.8	1006	112.47
#43	11.380	43.0	1452	135.09
#57	20.240	57.3	2581	180.01

PROJECT NAME: **MORRISTOWN**
PROJECT NUMBER: **STP F 029-1(2)C/1**
FILE NAME: **z10b194ars.xls** PLOT DATE: **7/25/00**
PROJECT MANAGER: **DMB** DRAWN BY: **S. MERKWAN**
DESIGNED BY: **S. MERKWAN** CHECKED BY: **S. DELIA**
REINFORCING STEEL SCHEDULE SHEET #2 SHEET **95** OF **123**

