

ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIG- NATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	CROSS SEC- TIONAL AREA SQ. INCHES	PERIMETER INCHES
#3	.376	.375	.11	1.178
#4	.668	.500	.20	1.571
#5	1.043	.625	.31	1.963
#6	1.502	.750	.44	2.356
#7	2.044	.875	.60	2.749
#8	2.670	1.000	.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.893	2.25	5.32
#18	13.60	2.257	4.00	7.09

1. 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-~~6~~ GRADE 60.
2. 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."
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180° AND 135° HOOKS.
5. "J" DIMENSION ON 180° HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE, OTHERWISE STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45° DIMENSIONS "H" AND "K" MUST BE SHOWN.

REV. NO.	MADE BY	DATE	DESCRIPTION

STATE OF VERMONT AGENCY OF TRANSPORTATION			
TOWN OF <i>MAIDSTONE</i>		BRIDGE NO. <i>5</i>	
HIGHWAY NO. <i>T.H. 5</i>		LOG STA.	
		SURV. STA.	
<i>T.H. 5 OVER DUTTON BROOK</i>			
REINFORCING STEEL SCHEDULE			
DESIGNED BY <i>D. WILLEY</i>		DRAWN BY <i>D. WILLEY</i>	
CHECKED BY <i>M.J. Polgar</i>		BRIDGE DESIGN SUPERVISOR	
DATE <i>1/85</i>		R. S. HAUPT	
PROJECT		DATE <i>1-85</i>	
<i>MAIDSTONE</i>		PROJECT NO. <i>BRZ 1447 (4)</i>	
BRIDGE SHEET NO.		SHEET <i>13</i> OF <i>31</i>	