STATE OF VERMONT
AGENCY OF TRANSPORTATION

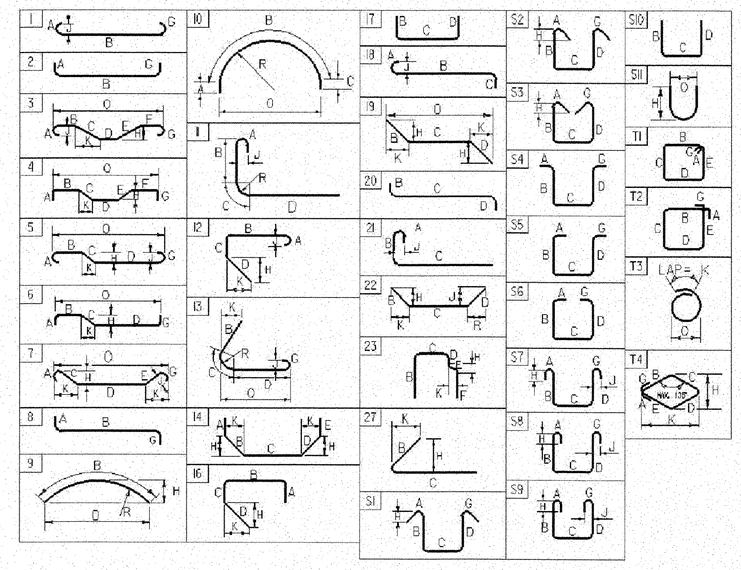
REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	END DETAILS/CURTAIN WALLS																
	10	5	3'- 6"	EA504	STR												
	24	5	3'- 0"	EA505	STR												
✳	21	5	5'- 8"	EA506	STR												
	NOT USED			EA507													
	NOT USED			EA508													
▲	4	5	2'- 3"	EA509	STR												
▲	4	5	2'- 6"	EA510	STR												
	20	5	17'- 3"	EA511	STR												
	NOT USED			EA512													
	8	5	15'- 6"	EA513	STR												
	64	5	4'- 7"	EA501	16	0'- 6"	1'- 6"	0'- 8"	1'- 5"			0'- 6"					
	28	5	11'- 1"	EA502	S5	2'- 2"	3'- 3"	0'- 7"	2'- 11"			2'- 2"					
	28	5	10'- 7"	EA503	S5	2'- 2"	3'- 0"	0'- 7"	2'- 8"			2'- 2"					
	32	8	3'- 9"	EA801	22	---	---	2'- 0"	1'- 9"					1'- 4"	1'- 4"		
	APPROACH SLABS																
✳	81	5	15'- 6"	EAS501	STR												
✳	77	9	20'- 10"	EAS901	1	1'- 3"	19'- 7"					---		1'- 0"			
	DECK SLAB																
	68	5	13'- 0"	ES501	STR												
	750	5	17'- 4"	ES502	STR												
	NOT USED			ES503													
	90	5	40'- 0"	ES505	STR												
✳	91	5	11'- 0"	ES506	STR												
	180	5	36'- 0"	ES507	STR												
	90	5	34'- 0"	ES508	STR												
	90	5	38'- 9"	ES509	STR												
✳	31	5	6'- 4"	ES511	STR												
	NOT USED			ES513													
	NOT USED			ES514													
	NOT USED			ES515													
	16	5	3'- 4"	ES516	STR												
	520	5	6'- 4"	ES504	25	1'- 0"	1'- 5"	1'- 6"	1'- 5"			1'- 0"					
	60	5	4'- 5"	ES510	25	2'- 0"	0'- 10"	1'- 1"	0'- 6"			---					
	750	5	17'- 11"	ES512	1	0'- 7"	17'- 4"					---		0'- 5"			

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O

~ NOTES ~

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 M31 (ASTM A615-SI). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
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 DEGREE AND 135 DEGREE HOOKS.
5. "J" DIMENSION ON 180 DEGREE 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 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
8. ▲ DENOTES BARS TO BE CUT IN FIELD.
9. ✳ DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
10. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
11. E DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION DIAMETER INCHES	AREA INCHES²	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
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	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	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

PROJECT NAME: MONTGOMERY
PROJECT NUMBER: BHF 0283 (8)S

FILE NAME: 98c316\Structures\sc316rss.xls
PROJECT MANAGER: R. R. WHITCOMB
DESIGNED BY: J. HOWE
REINFORCING STEEL SCHEDULE SHEET #1

PLOT DATE: 9/12/2005
DRAWN BY: J. DAVIS
CHECKED BY: R. HEBERT
SHEET 34 OF 45