STATE OF VERMONT
AGENCY OF TRANSPORTATION

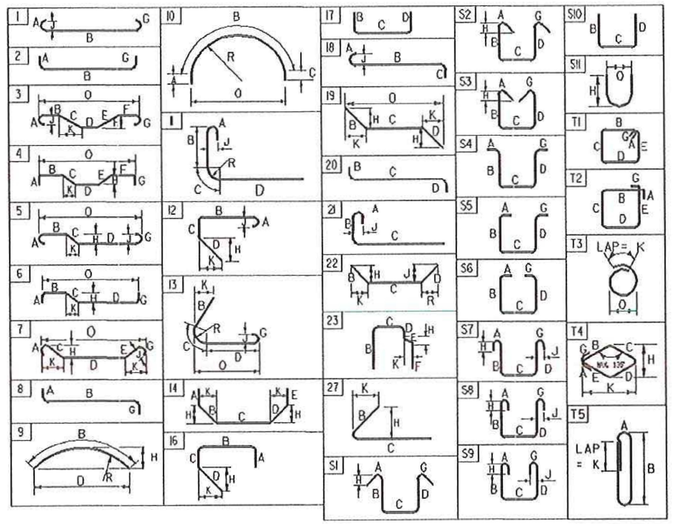
REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	PIER																
✳ ▲	29	6	28'- 6"	P601	STR												
✳	39	6	29'- 6"	P602	STR												
▲	12	6	3'- 7"	P603	STR												
▲	22	6	21'- 3"	P604	19		5'- 3"	16'- 0"	---				2'- 2"		4'- 9"		
	26	6	17'- 6"	P605	10	2'- 7"	12'- 4"	2'- 7"								3'- 6"	7'- 2"
	95	6	24'- 4"	P606	S3	0'- 11"	9'- 2"	4'- 2"	9'- 2"			0'- 11"	0'- 7"				
	8	6	24'- 2"	P607	S3	0'- 11"	9'- 1"	4'- 2"	9'- 1"			0'- 11"	0'- 7"				
	8	6	23'- 10"	P608	S3	0'- 11"	8'- 11"	4'- 2"	8'- 11"			0'- 11"	0'- 7"				
	8	6	23'- 6"	P609	S3	0'- 11"	8'- 9"	4'- 2"	8'- 9"			0'- 11"	0'- 7"				
	8	6	23'- 2"	P610	S3	0'- 11"	8'- 7"	4'- 2"	8'- 7"			0'- 11"	0'- 7"				
	8	6	22'- 10"	P611	S3	0'- 11"	8'- 5"	4'- 2"	8'- 5"			0'- 11"	0'- 7"				
	8	6	22'- 6"	P612	S3	0'- 11"	8'- 3"	4'- 2"	8'- 3"			0'- 11"	0'- 7"				
	8	6	22'- 4"	P613	S3	0'- 11"	8'- 2"	4'- 2"	8'- 2"			0'- 11"	0'- 7"				
	8	6	22'- 0"	P614	S3	0'- 11"	8'- 0"	4'- 2"	8'- 0"			0'- 11"	0'- 7"				
	8	6	21'- 8"	P615	S3	0'- 11"	7'- 10"	4'- 2"	7'- 10"			0'- 11"	0'- 7"				
	8	6	21'- 4"	P616	S3	0'- 11"	7'- 8"	4'- 2"	7'- 8"			0'- 11"	0'- 7"				
	8	6	21'- 0"	P617	S3	0'- 11"	7'- 6"	4'- 2"	7'- 6"			0'- 11"	0'- 7"				
	8	6	20'- 8"	P618	S3	0'- 11"	7'- 4"	4'- 2"	7'- 4"			0'- 11"	0'- 7"				
	8	6	20'- 6"	P619	S3	0'- 11"	7'- 3"	4'- 2"	7'- 3"			0'- 11"	0'- 7"				
	8	6	20'- 2"	P620	S3	0'- 11"	7'- 1"	4'- 2"	7'- 1"			0'- 11"	0'- 7"				
	8	6	19'- 10"	P621	S3	0'- 11"	6'- 11"	4'- 2"	6'- 11"			0'- 11"	0'- 7"				
	8	6	19'- 6"	P622	S3	0'- 11"	6'- 9"	4'- 2"	6'- 9"			0'- 11"	0'- 7"				
	8	6	19'- 2"	P623	S3	0'- 11"	6'- 7"	4'- 2"	6'- 7"			0'- 11"	0'- 7"				
	8	6	18'- 10"	P624	S3	0'- 11"	6'- 5"	4'- 2"	6'- 5"			0'- 11"	0'- 7"				
	8	6	18'- 6"	P625	S3	0'- 11"	6'- 3"	4'- 2"	6'- 3"			0'- 11"	0'- 7"				
	8	6	18'- 4"	P626	S3	0'- 11"	6'- 2"	4'- 2"	6'- 2"			0'- 11"	0'- 7"				
	8	6	18'- 0"	P627	S3	0'- 11"	6'- 0"	4'- 2"	6'- 0"			0'- 11"	0'- 7"				
	8	6	17'- 8"	P628	S3	0'- 11"	5'- 10"	4'- 2"	5'- 10"			0'- 11"	0'- 7"				
	8	6	17'- 4"	P629	S3	0'- 11"	5'- 8"	4'- 2"	5'- 8"			0'- 11"	0'- 7"				
	8	6	17'- 0"	P630	S3	0'- 11"	5'- 6"	4'- 2"	5'- 6"			0'- 11"	0'- 7"				
	8	6	16'- 8"	P631	S3	0'- 11"	5'- 4"	4'- 2"	5'- 4"			0'- 11"	0'- 7"				
	8	6	16'- 0"	P632	S3	0'- 11"	5'- 0"	4'- 2"	5'- 0"			0'- 11"	0'- 7"				
	8	6	15'- 8"	P633	S3	0'- 11"	4'- 10"	4'- 2"	4'- 10"			0'- 11"	0'- 7"				
	8	6	15'- 4"	P634	S3	0'- 11"	4'- 8"	4'- 2"	4'- 8"			0'- 11"	0'- 7"				
	8	6	15'- 0"	P635	S3	0'- 11"	4'- 6"	4'- 2"	4'- 6"			0'- 11"	0'- 7"				
	8	6	14'- 8"	P636	S3	0'- 11"	4'- 4"	4'- 2"	4'- 4"			0'- 11"	0'- 7"				
	8	6	14'- 6"	P637	S3	0'- 11"	4'- 3"	4'- 2"	4'- 3"			0'- 11"	0'- 7"				
	8	6	14'- 2"	P638	S3	0'- 11"	4'- 1"	4'- 2"	4'- 1"			0'- 11"	0'- 7"				
	352	6	6'- 1"	P639	S3	0'- 11"	---	4'- 2"	1'- 0"			---	0'- 7"				
	2	11	35'- 0"	P1101	17		2'- 0"	31'- 0"	2'- 0"								
✳	3	11	37'- 8"	P1102	17		2'- 0"	33'- 8"	2'- 0"								
	2	11	38'- 11"	P1103	17		2'- 0"	34'- 11"	2'- 0"								
	2	11	39'- 9"	P1104	17		2'- 0"	35'- 9"	2'- 0"								
	2	11	40'- 4"	P1105	17		2'- 0"	36'- 4"	2'- 0"								
	2	11	40'- 8"	P1106	17		2'- 0"	36'- 8"	2'- 0"								
	2	11	40'- 10"	P1107	17		2'- 0"	36'- 10"	2'- 0"								
✳	15	11	28'- 9"	P1108	17		2'- 0"	24'- 9"	2'- 0"								
				[THE FOLLOWING BARS INCLUDED IN THE UNIT BID PRICE FOR ITEM 900.640, SPECIAL PROVISION (DRILLED SHAFT IN EARTH)(8 FT)]														
	1	6	125'- 8"	P640	T3											---	7'- 4"
△	98	10	26'- 0"	P1001	STR												
	BRIDGE RAILING [INCLUDED IN THE UNIT BID PRICE FOR ITEM 900.640, SPECIAL PROVISION (BRIDGE RAILING, TEXAS)]																
	128	5	37'- 0"	R501.2	STR												
	748	5	3'- 9"	R502.2	T5	0'- 6"	3'- 3"									1'- 3"	

8'-4"

~ 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 M 31 (ASTM A 615-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 IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS

#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	2.04	0.875	0.60	2.749
#8	2.670	1.000	0.79	3.14
#9	3.400	1.13	1.00	3.54
#10	4.3	1.270	1.27	3.990
#11	5.31	1.410	1.56	4.430
#14	7.65	1.69	2.25	5.32
#18	13.60	2.26	4.00	7.09

~ REINFORCING STEEL CORROSION RESISTANCE LEVEL ~

THE REINFORCING STEEL MARKS IN THIS SCHEDULE INDICATE THE REQUIRED BAR CORROSION RESISTANCE LEVEL. CORROSION RESISTANCE LEVEL IS DENOTED WITH A .2 FOR LEVEL TWO SUFFIX OR .3 FOR LEVEL THREE SUFFIX. .1 FOR LEVEL ONE IS TO BE OMITTED. THE BAR MATERIAL TYPE AND BAR STEEL GRADE PROVIDED FOR EACH CORROSION LEVEL WILL BE RECORDED ON THE PLAN SET PI SHEET FOR AS-BUILT RECORD PLAN ARCHIVES.

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (16)

FILE NAME: s94j092rss.dgn
PROJECT MANAGER: C. CARLSON
DESIGNED BY: M. EVANS-MONGEON
REINFORCING STEEL SCHEDULE SHEET #2

PLOT DATE: 4/26/2014
DRAWN BY: G. ROY
CHECKED BY: M. EVANS-MONGI