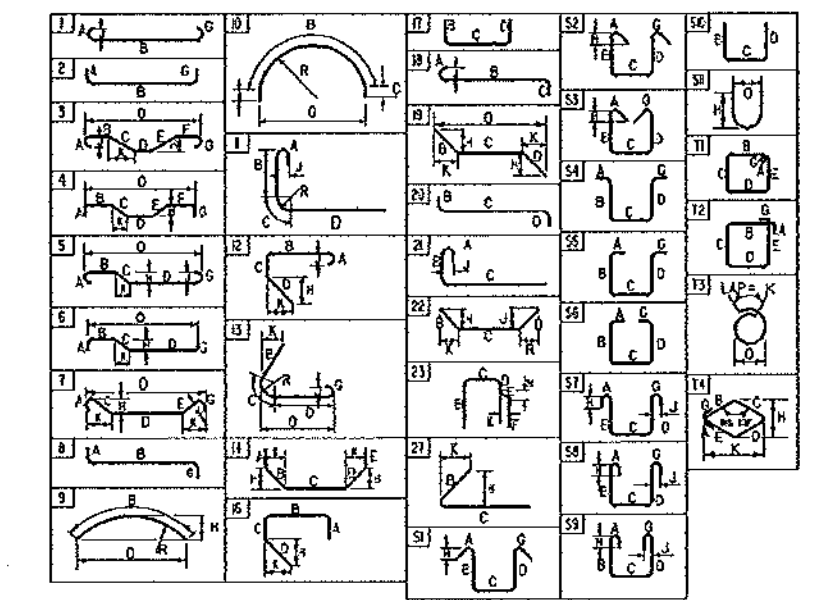


RECORD PLANS

STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
**REINFORCING STEEL SCHEDULE**

NO.	QTY	DESCRIPTION	UNIT	BAR NO.	SIZE	LENGTH	WEIGHT	MARKING	REMARKS
1	1	CONCRETE	CU YD						
2	1	CONCRETE	CU YD						
3	1	CONCRETE	CU YD						
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6	1	CONCRETE	CU YD						
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99	1	CONCRETE	CU YD						
100	1	CONCRETE	CU YD						

- NOTES
1. UNLESS OTHERWISE SPECIFIED, ALL BAR REINFORCEMENT FOR CONCRETE IN THIS PLAN IS TO BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR CONCRETE REINFORCEMENT STEEL BARS FOR CONCRETE REINFORCEMENT, ASTM A618 (AS PER AASHTO) ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE SPECIFIED.
  2. FOR TYPICAL BENDING DETAILS, RECOMMENDED PRACTICES FOR BARS AND HOOPS, AND OTHER STANDARD PRACTICES, SEE CURRENT CONCRETE REINFORCEMENT STEEL, EDITION 10/10 AND PRACTICE.
  3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LISTS INDICATED.
  4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "X" AND "Y" ON STAIRS AND IN DEGREE AND 180 DEGREE HOOPS.
  5. "Z" DIMENSIONS ON 180 DEGREE HOOPS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE, OTHERWISE, STANDARD HOOPS ARE TO BE USED.
  6. "Y" DIMENSIONS ON STEPS TO BE SHOWN ONLY WHEN NECESSARY TO SHOW CLEARANCES.
  7. WHERE SHOWN OFFERS FROM 45 DEGREE, DIMENSIONS "W" AND "X" MUST BE SHOWN.
  8. Δ DEVOTES BARS TO BE CUT IN FIELD.
  9. \* DEVOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
  10. Δ DEVOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
  11. # IN BRACKET PREFIX INDICATES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS

BAR NO.	YIELD STRENGTH (ksi)	TENSILE STRENGTH (ksi)	ELONGATION (%)
#3	0.376	0.376	0.11
#4	0.668	0.600	0.20
#6	1.043	0.625	0.31
#8	1.802	0.760	0.44
#10	2.044	0.876	0.60
#12	2.670	1.000	0.79
#14	3.400	1.178	1.00
#16	4.200	1.200	1.27
#18	5.310	1.400	1.68
#20	7.81	1.600	2.21
#22	10.60	2.287	4.00

PROJECT NAME: WOODFORD  
PROJECT NUMBER: ER BHF 010-1(44)  
FILE UNDER: WOODFORD  
DESIGNED BY: M. STANLEY  
CHECKED BY: M. STANLEY  
DATE: 11/11/11  
DRAWN BY: G. B. B. B.  
CHECKED BY: M. STANLEY  
DATE: 11/11/11

MS-10