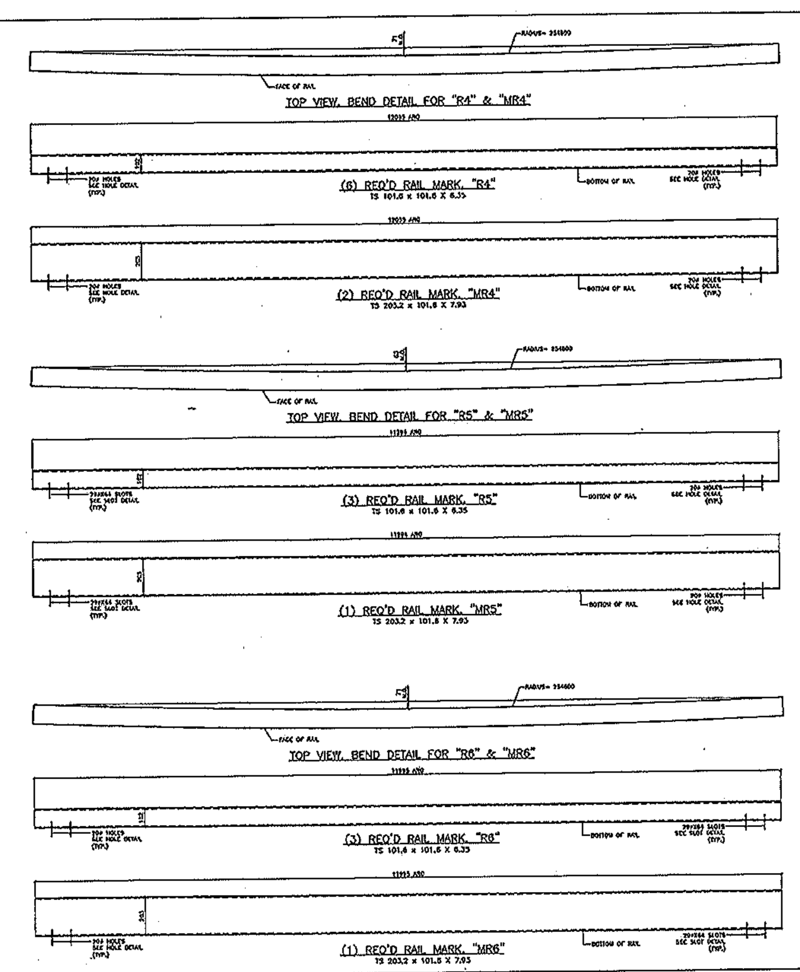
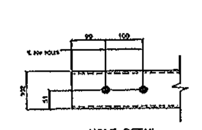


BILL OF MATERIAL

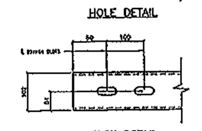
SHIP	SHIP MARK	NO. PCS.	PIECE MARK	DESCRIPTION	LENGTH	REMARKS	MAT'L
	R4	6		101.6X101.6X8.35	12035	*	**
	MR4	2		203.2X101.6X7.93	12035	*	**
	R5	3		101.6X101.6X8.35	11294	*	**
	MR5	1		203.2X101.6X7.93	11294	*	**
	R6	3		101.6X101.6X8.35	11995	*	**
	MR6	1		203.2X101.6X7.93	11995	*	**

* TUBING CVN REQUIREMENT OF 20 N.M. @ -18°C OR PROPORTIONAL VALUE OF SUBSIZE SPECIMEN
TESTING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ASTM A673. THE "H" FREQUENCY SHALL BE USED

** ASTM A500 GRADE B



HOLE DETAIL



SLOT DETAIL

SHOP NOTES:

1. ALL EXPOSED CUT OR SHEARED EDGES SHALL BE ROUNDED & FREE OF BURRS.
2. TWENTY FIVE PERCENT OF THE POST-TO BASE WELDS IN A PRODUCTION LOT SHALL BE TESTED BY MT. IF REJECTABLE DISCONTINUITIES ARE FOUND, ANOTHER TWENTY FIVE PERCENT OF THE PRODUCTION LOT SHALL BE TESTED. IF REJECTABLE DISCONTINUITIES ARE FOUND IN THE SECOND TWENTY FIVE PERCENT, ALL POST TO BASE WELDS SHALL BE TESTED. ALL TESTING OF BASE TO POST WELDS SHALL CONFORM TO THE LATEST VERSION OF AWS D1.5.
3. CLEAN ALL THREADS AFTER GALVANIZING.
4. HOLES IN RAIL BARS SHALL BE FIELD-DRILLED AND COATED WITH AN APPROVED ZINC-RICH PAINT PRIOR TO ERECTION.
5. TUBING SHALL MEET THE LONGITUDINAL CVN MINIMUM REQUIREMENTS OF 20 JOULES AT -18°C OR PROPORTIONAL VALUES OF SUBSIZE SPECIMENS. TESTING SHALL BE DONE IN ACCORDANCE WITH ASTM A673. THE "H" FREQUENCY SHALL BE USED AND THE MATERIAL SHALL BE AS-ROLLED.

RECEIVED
CKD BY HJS CKD BY RSY
FEB 2 5 2011
RESUBMIT ____ APPROVED ✓
BY CRW DATE 3/23/11

FINISH	GALV. PER ASTM A123, HARDWARE ASTM A153
MATERIAL	ASTM A500/A500M GR. B *
HOLES	AS NOTED
ELECTRODES	
WELDS	PER WPS
SURFACE PREP	SSPC-SP6

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

REVISIONS

ARC ENTERPRISES INC.

ADVANCED RESOURCES & CONST. ENTERPRISES, INCORPORATED
P.O. BOX 170 WINDFIELD, ME 04947
PHONE (207) 265-2644 – FAX (207) 265-4054

DRAWN	HO	RAIL DETAILS	PROJECT NO. BRF 072-1(20)
DATE	1/2/11	VERMONT D.O.T., STOCKBRIDGE	
CHECKED	WD	VT BRIDGE OVER STONY BROOK	DWG. NO.
JOB	10-161	AUSTIN CONSTRUCTION, INC.	4 OF 7