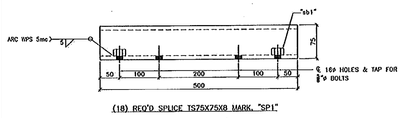
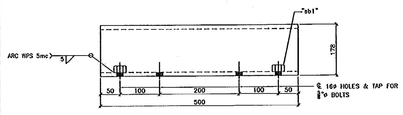
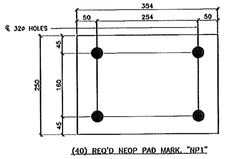


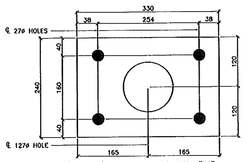
(18) REQ'D SPLICE TS75X75X8 MARK. "SP1"



(6) REQ'D SPLICE TS178X75X10 MARK. "MSP1"



(40) REQ'D NEOP. PAD MARK. "NP1"



(40) REQ'D ANCHOR PLATE MARK. "P1"

(40) REQ'D RAIL POST MARK. "PS1"

RECEIVED
CK'D BY HLS CK'D BY KSK
FEB 25 2011
RESUBMIT ____ APPROVED ✓
BY CPW DATE 3/23/11

BILL OF MATERIAL

SHOP	SHIP MARK	NO. PCS	PIECE MARK	DESCRIPTION	LENGTH MM	REMARKS	MAT'L
	PS1	40		POST			
		40	p1	ℝ 25 X 254	354		
		40	w1	W 150 X 37.1	1127	ASTM A500/A500 GR 36	
	P1	40		ℝ 10 X 240	330		
	HP1	40		5mmX254 HEOP. PAD	354	SHORE A DURMETER 65-75	
	ANC1	160		1"ø ANCHOR BOLT	305	ASTM F568 GR 8.8	
				W/ (2) HVY HEX NUT & WASHER			
				W/ (1) HVY HEX NUT & WASHER (1) JAM NUT (1) HEX NUT			
	RB1	320		150 X 152 W16X LONG ROUND HEAD BOLT	300 W/ FW F436 WSHR		
	SP1	18		SPLICE BAR			
		18		TS75X75X8	500		
		36	sb1	⅝"ø LOCK NUT A194 2H			
	MSP1	8		SPLICE BAR			
		8		TS178X75X10	500		
		12	sb1	⅝"ø LOCK NUT A194 2H			

SHOP NOTES:
1. ALL EXPOSED CUT OR SHEARED EDGES SHALL BE ROUNDED & FREE OF BURRS. THE INSIDE WELD FLASH OF TUBING SHALL BE REMOVED AT SPLICE/EXP. JOINTS.
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. VERIFY THE FIT OF SPLICE BARS IN RAIL TUBES AFTER GALVANIZING AND BEFORE SHIPPING TO SITE.
5. HOLES IN RAIL BARS SHALL BE FIELD-DRILLED AND COATED WITH AN APPROVED ZINC-RICH PAINT PRIOR TO ERECTION.

ERECTION BOLTS MARK				WASHERS		FINISH
QUAN.	SIZE	LENGTH	TYPE	FLAT	BEV.	
FINISH: GALV. PER ASTM A123, HARDWARE ASTM A153						
MATERIAL: ASTM A325 TYPE 3 OR A325M TYPE 3						
WELDS: AS NOTED						
ELECTRODES:						
WELDS: PER WPS						
SURFACE PREP.: SSPC-SP6						

NO.	DATE	DESCRIPTION	BY
		REVISIONS	

ARC
ADVANCED RESOURCES & CONSTRUCTION, INC.

ADVANCED RESOURCES & CONST. ENTERPRISES, INCORPORATED
P.O. BOX 130 KINGWOOD, WV. 26537
PHONE: (304) 329-3818 - FAX: (877) 203-1056

DRAWN	MC	POST & SPLICE DETAILS	PROJECT NO.
DATE	1/7/11	TEMPORARY STEEL SPAN BRIDGE FOR 1ST BROOK OVER STONY BROOK	WV 012-1(20)
CHECKED	KSB	AUSTIN CONSTRUCTION, INC.	DWG. NO.
JOB	10-151		2 OF 7