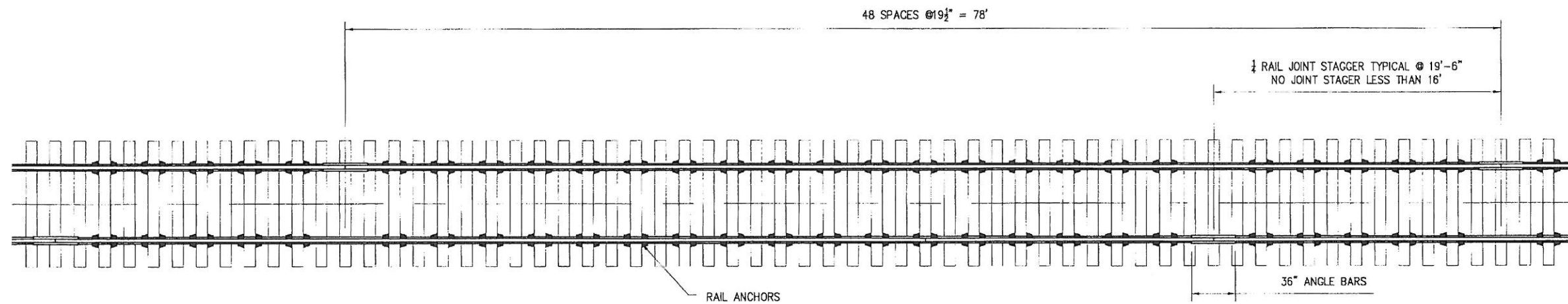


39' JOINTED RAIL

FOR 39' JOINTED RAILS IN MAIN LINE TRACK, 24 TIES AND 40 RAIL ANCHORS PER RAIL, 3250 TIES, 5416 RAIL ANCHORS, 272 PAIRS OF ANGLE BARS, AND 1632 ANGLE BAR BOLTS, NUTS AND WASHERS PER MILE

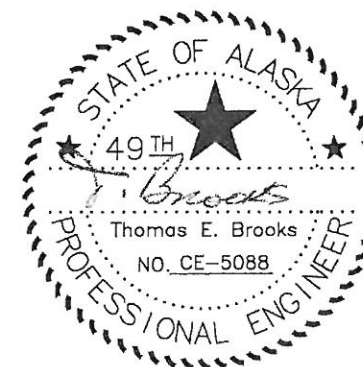


78' JOINTED RAIL

FOR 78' JOINTED RAILS IN MAIN LINE TRACK, 48 TIES AND 88 RAIL ANCHORS PER RAIL, 3250 TIES, 5956 RAIL ANCHORS, 136 PAIRS OF ANGLE BARS, AND 816 ANGLE BAR BOLTS, NUTS AND WASHERS PER MILE

NOTES

1. FOR JOINTED RAILS IN MAIN LINE TRACK, BOX ANCHOR EVERY OTHER TIE EXCEPT TIES UNDER JOINT BARS WHERE NO ANCHORS ARE APPLIED.
2. LONGITUNAL RAIL MOVEMENT MUST BE EFFECTIVELY CONTROLLED.
3. ANCHORS SHALL BE APPLIED FROM THE GAUGE SIDE OF RAIL WHERE POSSIBLE.
4. BOX ANCHOR 184 TIES EACH DIRECTION FROM FIXED OBJECTS IE TURNOUTS, ROAD CROSSINGS AND FIXED BRIDGES.



ALASKA RAILROAD CORPORATION OFFICE OF THE CHIEF ENGINEER P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500 (907) 285-2456		
STANDARD MAIN TRACK CONSTRUCTION WOOD TIE SPACING AND RAIL ANCHORING FOR 39' AND 78' RAIL LENGTHS		
APPROVED: <i>J. Brooks</i>	DATE: 12/29/03	FILE: #1.22-03.dwg
DESIGNED BY: REH DRAWN BY: BBF APPROVED BY: IEB	SCALE: 1" = 100' DATE: 12/29/2003	1.22-03