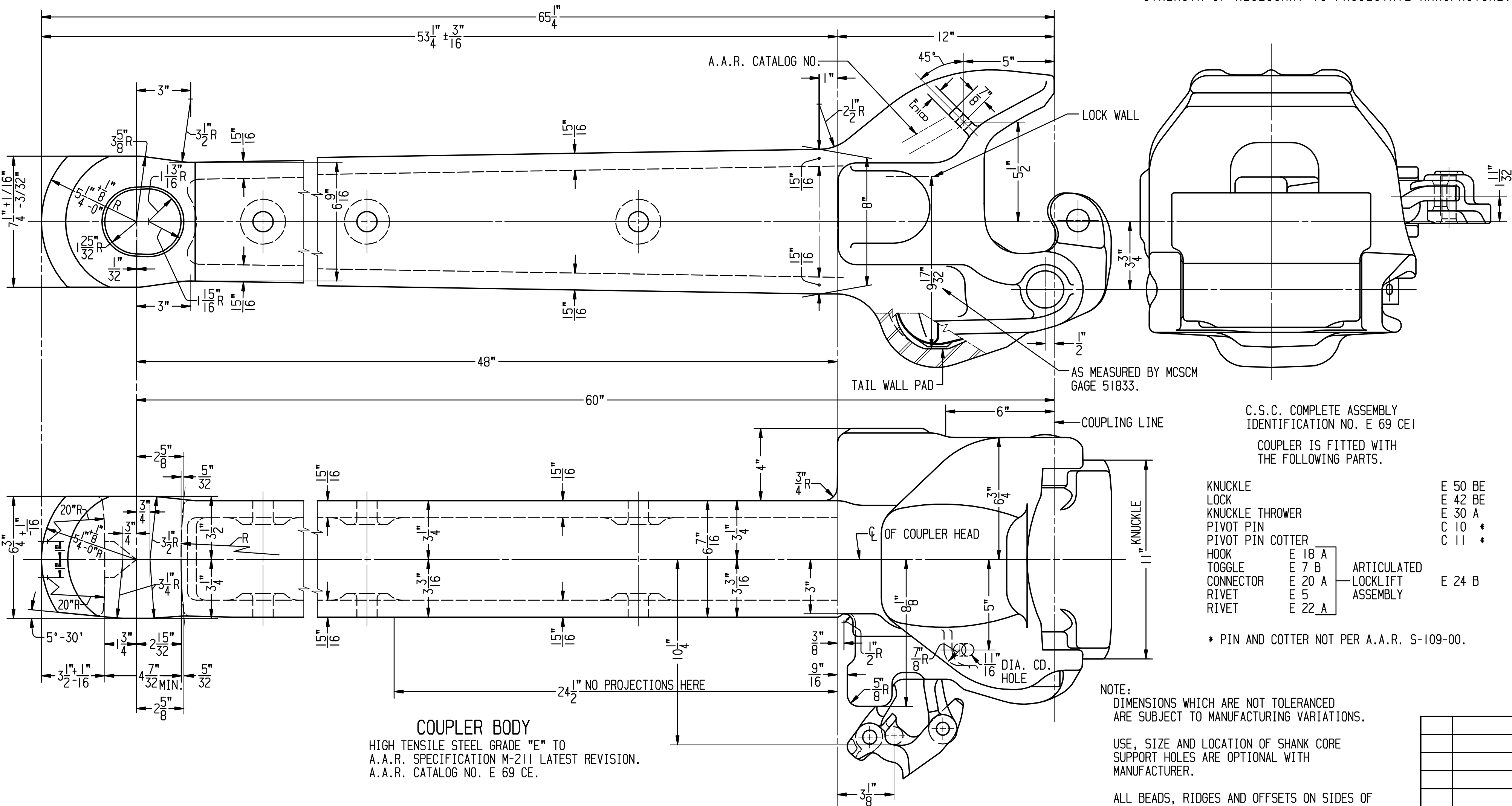


A REDUCED SLACK TAIL WALL PAD ADDED. CHANGED KNUCKLE AND LOCK CATALOG NO.'S. & COUPLER IDENTIFICATION NO.
 B CHANGED B.S.C. COMPLETE ASS'Y. I.D. NO.
 C ADDED LOCK WALL TO TAIL WALL PAD DIM. AND NOTE, CHG'D. B.S.C. CO. COMPLETE ASS'Y. I.D. NO.

COLUMBUS STEEL CASTINGS RESERVES THE RIGHT TO MODIFY DETAILS NOT AFFECTING APPLICATION OR STRENGTH IF NECESSARY TO FACILITATE MANUFACTURE.



COUPLER BODY
 HIGH TENSILE STEEL GRADE "E" TO
 A.A.R. SPECIFICATION M-211 LATEST REVISION.
 A.A.R. CATALOG NO. E 69 CE.

- C.S.C. COMPLETE ASSEMBLY IDENTIFICATION NO. E 69 CE I
 COUPLER IS FITTED WITH THE FOLLOWING PARTS.
- | | | |
|------------------|---------|-------------------------------|
| KNUCKLE | E 50 BE | |
| LOCK | E 42 BE | |
| KNUCKLE THROWER | E 30 A | |
| PIVOT PIN | C 10 * | |
| PIVOT PIN COTTER | C 11 * | |
| HOOK | E 18 A | |
| TOGGLE | E 7 B | |
| CONNECTOR | E 20 A | ARTICULATED LOCKLIFT ASSEMBLY |
| RIVET | E 5 | |
| RIVET | E 22 A | |
| | | E 24 B |
- * PIN AND COTTER NOT PER A.A.R. S-109-00.

NOTE:
 DIMENSIONS WHICH ARE NOT TOLERANCED ARE SUBJECT TO MANUFACTURING VARIATIONS.
 USE, SIZE AND LOCATION OF SHANK CORE SUPPORT HOLES ARE OPTIONAL WITH MANUFACTURER.
 ALL BEADS, RIDGES AND OFFSETS ON SIDES OF COUPLER SHANK MUST BE REMOVED BY GRINDING.

C	3-22-2000
B	12-8-1999
A	4-13-1999
REV.	DATE

COUPLER AND PARTS ARE PATENTED.

TYPE E/F REDUCED SLACK COUPLER
 SINGLE ROTARY OPERATION
 CATALOG NO. E 69 CE

Columbus Steel Castings
 Columbus, Ohio

DRAWN BY M.H.G.	CHECKED BY K.A.C.	DATE 3-5-1997
C-14464		SCALE 3" = 1'-0"
		SHEET 1 OF 1

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