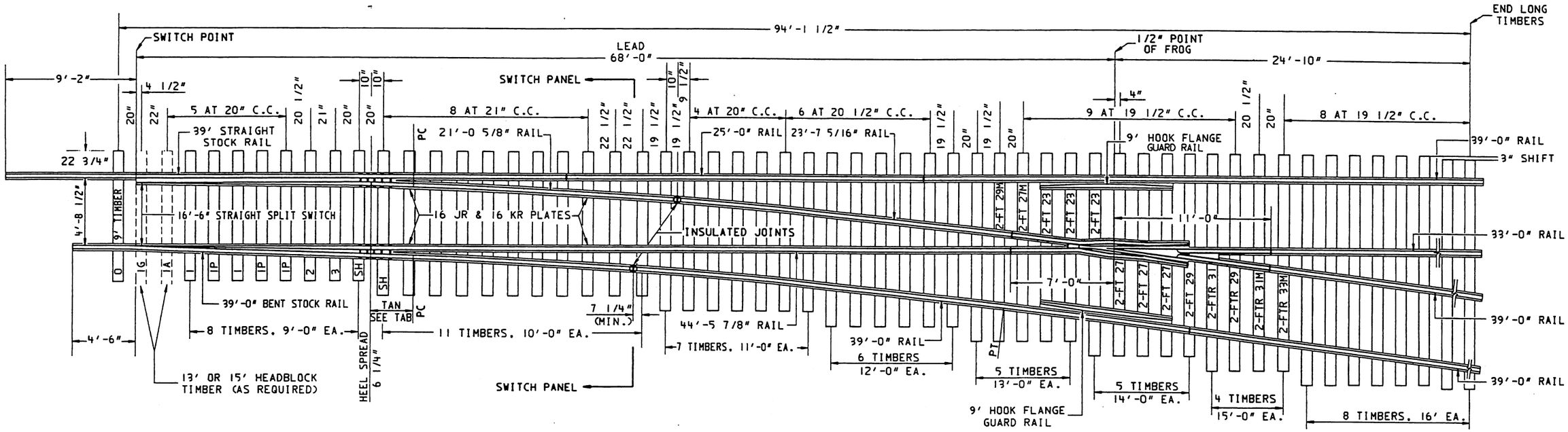

NO. 8 RBM FROG SHOWN-PER PLAN 74160-( )
FROG ANGLE 7° 09' 10"

LEGEND:

INDICATES INSULATED JOINT (3/8" OPENING)
INDICATES CONVENTIONAL JOINT (1/16" OPENING)

NOTES:

1. ALL RAILS TO BE FURNISHED HEAT TREATED
2. SWITCH DETAILS SEE PLAN 73167 ( ) (UNDERCUT) OR 73168 ( ) (HOUSED)
3. TURNOUT OFFSETS SEE PLAN 73300 ( )
4. SWITCH PLATES AS PER PLAN 73519 ( )
5. TWIN TIE PLATES AS PER PLAN 72202 ( )
6. FROG TIE PLATES AS PER PLAN 72105 ( )
7. VERTICAL INSULATED SWITCH RODS AND ADJUSTABLE ROCKER CLIPS AS PER PLAN 73518 ( ) (USED WITH UNDERCUT POINTS)
8. HORIZONTAL INSULATED SWITCH RODS AND ROD CLIPS AS PER PLAN 73520 ( ) (USED WITH HOUSED POINTS)
9. HEEL BLOCK ASSEMBLY AND ADJUSTABLE RAIL BRACE AS PER PLAN 73515 ( )
10. ALL BOLT HOLES TO BE COUNTERED
11. ALL BOLTS TO BE DIPPED IN NO-OX-ID GREASE OR EQUIVALENT EXCEPT FROG BOLTS WHICH ARE TO BE DRY THREAD
12. ALL INSULATED JOINTS TO BE SUSPENDED TYPE
13. FROGS AS PER PLAN 74160 ( ) (R B M) OR 74153 ( ) (SELFGUARDED)
14. BILL OF MATERIALS SEE PLAN 73197-O

LONG TIMBERS REQUIRED

QUANTITY	LENGTH
9 EA.	9'-0"
11 EA.	10'-0"
7 EA.	11'-0"
6 EA.	12'-0"
5 EA. *	13'-0"
5 EA.	14'-0"
4 EA. *	15'-0"
8 EA.	16'-0"
55	TOTAL

* DOES NOT INCLUDE TWO (2) TIMBERS FOR A HAND-OPERATED SWITCH

LEAD & CLOSURE RAILS WITH RBM FROGS

(AS SHOWN ABOVE)

TURNOUT	RAIL LENGTHS					
	44'-5 7/8"	39'-0"	33'-0"	25'-0"	23'-7 5/16"	21'-0 5/8"
NO. 8	1	4	1	1	1	1

LEAD & CLOSURE RAILS WITH S.G. FROGS

(INSULATED-NOT SHOWN ABOVE)

TURNOUT	RAIL LENGTHS					
	39'-0"	33'-0"	27'-8 5/16"	25'-0"	23'-6 7/8"	21'-0 5/8"
NO. 8	4	1	1	2	1	1

TABLE OF VALUES

TO	TYPE SW.PT.	SW. ANGLE	R. OUT RAIL	TAN TO PC
NO. 8	UNDERCUT	1°-48'-32"	448.446'	2'-10 1/2"
	HOUSED	1°-44'-11"	453.857	2'- 2 7/8"

Amtrak

AM 73195-A

STANDARD

NO. 8 BOLTED TURNOUT

TIMBER AND RAIL LAYOUT - 140# RE.
16'-6" SWITCH POINT (UNDERCUT AND HOUSED)

DECEMBER 31, 1990

ASST VICE PRESIDENT/CHIEF ENGINEER

DWG. NAME: AT-TURNOUT NO 8-MIP
DWG. NO: 682 (SYS25D, FU-DC)
PEN TABLE NAME: C:PEN3