



GIVENS & DRUTHERS  
 TRACK PLAN MISSABE VALLEY  
 SCALE N GAUGE STANDARD  
 PROTOTYPE: ERA 1950-'60 (TRANSITION)  
 REGION DULUTH TO VIRGINIA, MN  
 RAILROAD DM&IR (MISSABE DIVISION), D&NE  
 \*\* DM&IR ORE - ROCK TO DOCK, PASSENGER SERVICE, MRF AND THRU FREIGHT.  
 \*\* D&NE LOGGIN  
 \*\* OLIVER MINING.  
 SPACE 10 X 12 FEET (Closed on 3 sides)  
 MINIMUM RADIUS 20 INCH (16"-18" Typ Min.)  
 MAXIMUM GRADE 2 PERCENT  
 OTHER REQUIREMENTS: NO "DUCK UNDERS" AROUND THE WALL AND MULTI LEVEL OK.  
 DESIGNED TO "OPERATE"

