INDUSTRIAL CROSSOVER STAIRWAY

**A** BAR GRATING TREAD
(GROOVED NOISING)

TREAD WELDED AND BOLTED TO STRINGER WITH 3/8" HEX HEAD BOLTS

**VARIABLE**

NOTE:
ALL BOLTS/FASTENERS NECESSARY TO ANCHOR STAIRWAY ARE BY OTHERS.

UNIFORM RISER HEIGHTS AND TREAD DEPTHS BETWEEN LANDINGS

1-1/4" SCH 40 ALUMINUM PIPE HANDRAIL/GUARDRAIL (5005-15)

BAR GRATING
TOE BOARDS TOE BOARDS

8" x 2-1/4" x 1/4" ALUMINUM CHANNEL (TYPICAL)

9 1/2" MIN.
6-1/2" MIN. 9-1/2" MAX.

30" MIN.

2 1/4"

1/4" MOUNTING PLATE (DIMENSIONS VARY)

22" MIN.

3' - 6"

VERTICAL HEIGHT

MAX 15'

CLEAR TREAD 29-1/2" MIN
55-1/2" MAX

CLEAR TREAD + 4-1/2"