**ADJUSTABLE HEIGHT RISER**

1" X 1/8" X 35-1/2" PLATE

EXPANDED METAL RISER
1" X 1/8" X 35-1/2" PLATE
5/16" X 1" HEAVY HEX HEAD MACHINE SCREW

EXPANDED METAL RISER
5/16" X 1-1/2" HEAVY HEX HEAD MACHINE SCREW
1" X 1" X 1/8" ANGLE

EXPANDED METAL RISER
1" X 1/4" X 35-1/2" PLATE TAPPED FOR 5/16" SCREWS

FOR TREADS WITH 1/2" WIDE BEARING BAR OPENINGS, USE 1" MACHINE SCREW

5/16" X 1" MACHINE SCREW

EPOXY GROUT
5/16" X 3" ANCHOR BOLT AT MAX 12" OC

**TYPICAL BOTTOM OF RISER**

**TYPICAL TOP OF RISER**

1/2" X 8" BOLTS (2 EACH)

SEEN Bottom Riser To Concrete Connection

#4 BARS AS SHOWN MINIMUM 2" COVER

CONCRETE FTC 6" X 32" X 48"

**BOTTOM OF STAIRWAY PROFILE**

**SCALE:** NTS  **DATE:** 7/24/98  **CITY AND BOROUGH OF JUNEAU, ALASKA**

**DRAWN BY:** TAD  **CHECKED BY:** JB/STAFF  **STANDARD STAIRWAY**

**APPROVED BY:**  **REVISED:** 8/14/2011  **STANDARD 122-4**