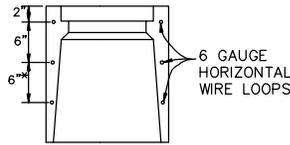
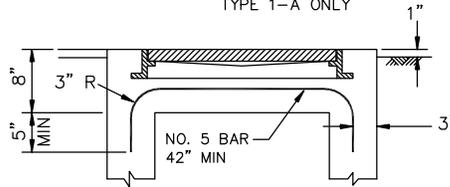


TYPE I & I-A JUNCTION BOX

	DIMENSIONS (IN.)	
	TYPE I	TYPE I-A
A	15	22 3/4
B	10	13 1/4
C	1 3/4	2
D	13 1/2	21 1/4
E	8 1/2	11 3/4
F	12	18
G	1 3/4	2
H	19 1/2	27 1/4
J	14 1/2	17 3/4
K	8 3/4	14 1/2



ALTERNATE REINFORCING
TYPE 1-A ONLY



SECTION B-B

NOTES:

1. EACH FRAME AND COVER FOR TYPE I & 1A JUNCTION BOXES SHALL BE EITHER ALUMINUM OR CAST IRON.
2. JUNCTION BOXES LOCATED IN A SIDEWALK SHALL BE INSTALLED WITH A 1/2" PREFORMED BITUMINOUS JOINT MATERIAL AROUND ITS PERIMETER.
3. ALL CONDUITS SHALL BE BONDED TO FORM A CONTINUOUS ELECTRICALLY SECURE SYSTEM WITH THE GROUND AT THE LOAD CENTER JUNCTION BOX.
4. ALL JUNCTION BOX COVERS SHALL BE BONDED TO GROUND WITH COPPER BRAID OF #8 AWG CROSS SECTION. FOR TYPES 1 & 1A THE LENGTH SHALL BE 3 FEET.
5. ALL CONDUITS SHALL BE GROUTED IN KNOCKOUT SECTIONS IN ACCORDANCE WITH THE ALASKA SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
6. JUNCTION BOXES SHALL BE SET FLUSH WITH THE SURROUNDING SURFACE EXCEPT IN A UNPAVED SHOULDER, WHEN THEY SHALL BE LOCATED 2" BELOW GRADE.

SCALE: NTS	DATE: 1/18/00	CITY AND BOROUGH OF JUNEAU, ALASKA JUNCTION BOX TYPE 1 & TYPE 1A
DRAWN BY: AL	CHECKED BY: JB/STAFF	
APPROVED BY: 	REVISED: 8/14/2011	STANDARD 119A