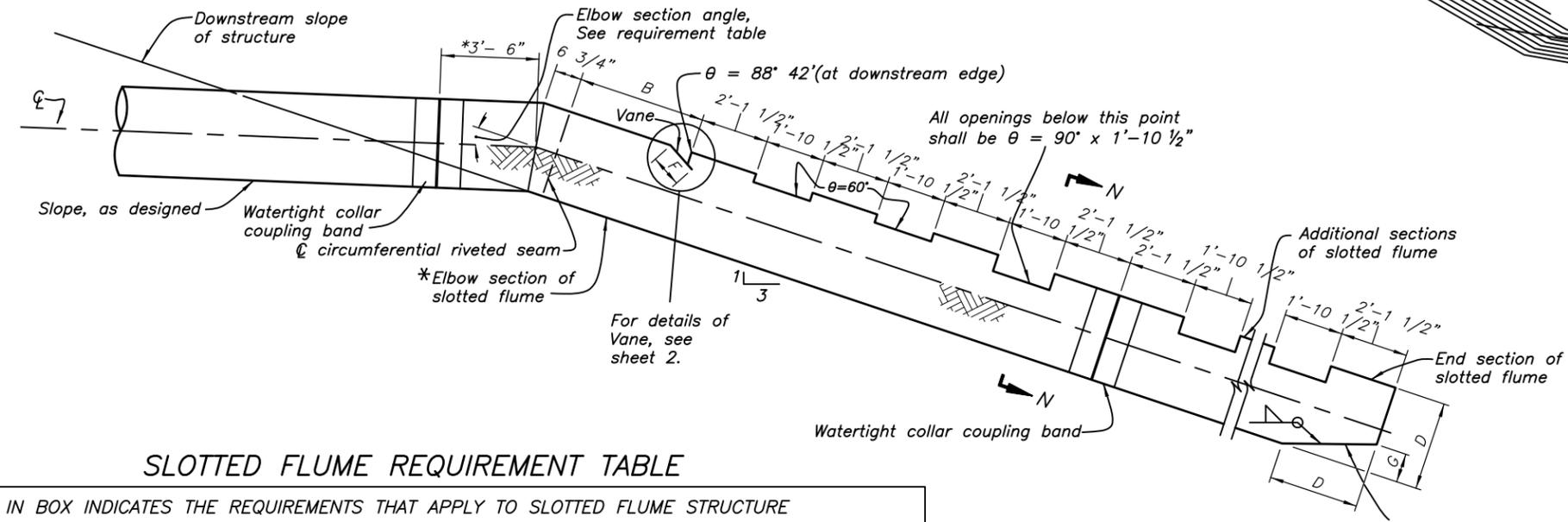
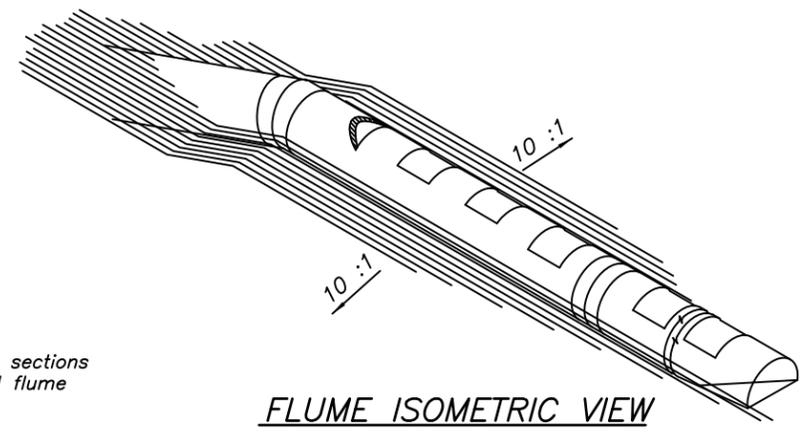


PLAN



SECTIONAL ELEVATION



FLUME ISOMETRIC VIEW

SLOTTED FLUME REQUIREMENT TABLE

X IN BOX INDICATES THE REQUIREMENTS THAT APPLY TO SLOTTED FLUME STRUCTURE	
CORRUGATED METAL PIPE, ZINC COATED STEEL, _____" DIA., _____ GA., _____ FT. NOMINAL LENGTH WITH _____' _____' ELBOW SECTION ANGLE, COUPLING BANDS, VANE, SLOTS AND DEFLECTOR PLATE	
<u>PIPE CLASSIFICATION</u>	
TYPE 1 FULL CIRCULAR CROSS-SECTION FABRICATED WITH:	
<input type="checkbox"/>	ANNULAR CORRUGATIONS
<input type="checkbox"/>	CLOSE RIVETED OR <input type="checkbox"/> STANDARD RIVETED
<input type="checkbox"/>	HELICAL CORRUGATIONS
<u>CORRUGATION REQUIREMENTS</u>	
NOMINAL SIZE (INCH)	
<input type="checkbox"/>	1 1/2 x 1/4 (AVAILABLE ONLY IN HELICALLY CORRUGATED PIPE)
<input type="checkbox"/>	2 2/3 x 1/2
<input type="checkbox"/>	3 x 1
<input type="checkbox"/>	5 x 1
<u>COATINGS - ZINC COATED STEEL</u>	
<input type="checkbox"/>	FULLY BITUMINOUS COATED, TYPE A-1
<input type="checkbox"/>	ARAMID FIBER COMPOSITE, BITUMINOUS COATED
<input type="checkbox"/>	POLYMER PRECOATED, GRADE 10/10
<input type="checkbox"/>	NONE REQUIRED

NOTE:

*The allowable nominal lengths of CMP for the elbow section of the Slotted Flume are:
 16', 20', and 24' for pipe dia. of 16" thru 24".
 18', 22', and 26' for pipe dia. of 30" thru 48".
 Additional sections of Slotted Flume pipe will be in lengths of 6', 10', 14', 18', and 26'.

All seams cut, due to fabricating slots in helical pipe, shall be welded for a length of 1" from the edge of the cut and treated according to specifications.

Deflector: Cut horizontal, weld 1/8" thick plate or 10 ga. sheet metal to pipe as shown.

NOTE:

The following designations for pipe classifications, corrugations and coatings when referred to on the drawings are in accordance with current ASTM's.

- A760 standard specification for corrugated steel pipe, metallic-coated.
- A761 standard specification for steel, galvanized corrugated structural plates and fasteners.
- A762 standard specification for corrugated steel pipe, polymer precoated for sewers and drains.
- A849 standard specification for post-coated and lined corrugated steel sewer and drainage pipe (bituminous or concrete).
- A885 standard specification of steel sheet, zinc and aramid fiber composite-coated for corrugated steel sewer, culvert and underdrain pipe.

DRAFT
 NOT FOR
 CONSTRUCTION

Date	
Designed	
Drawn	
Checked	
Approved	

CORRUGATED METAL PIPE SLOTTED FLUME



File Name	
Drawing Name	29-N-115B
Sheet	of