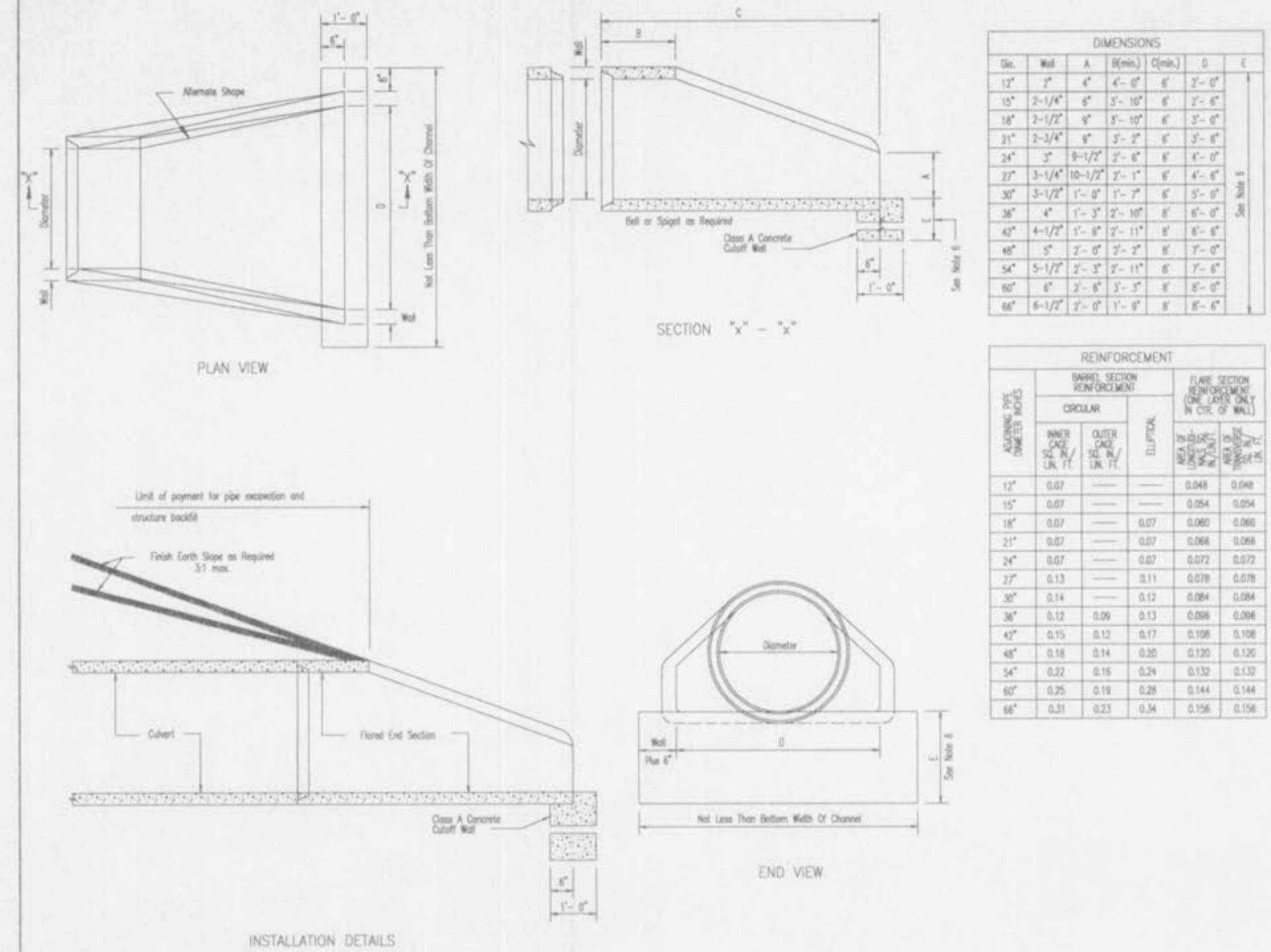


SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
SEWER CONSTRUCTION DETAILS
FLARED END SECTION
(INLET/OUTLET PROTECTION)
DRAWING
C604.34



GENERAL NOTES

- Do not scale drawing. Follow dimensions.
- Slight variations in both shape and dimensions from those shown may be accepted if approved by the Engineer.
- Not more than three (3) holes may be drilled or cast in the End Section for handling and laying.
- Use logs or bams will be permitted in precast Cutoff Walls.
- Cutoff Wall may be cast-in-place or precast.
- Cutoff Wall to be constructed a minimum of 2' at intake end and 3' at outlet end or to rock.
- For construction details refer to the Sewer Construction Details for "Channels, Culverts and Large Sewer Connections," Std. Spec. C604-41.
- The details shown are adapted from the Missouri Department of Transportation, Standard Drawings.

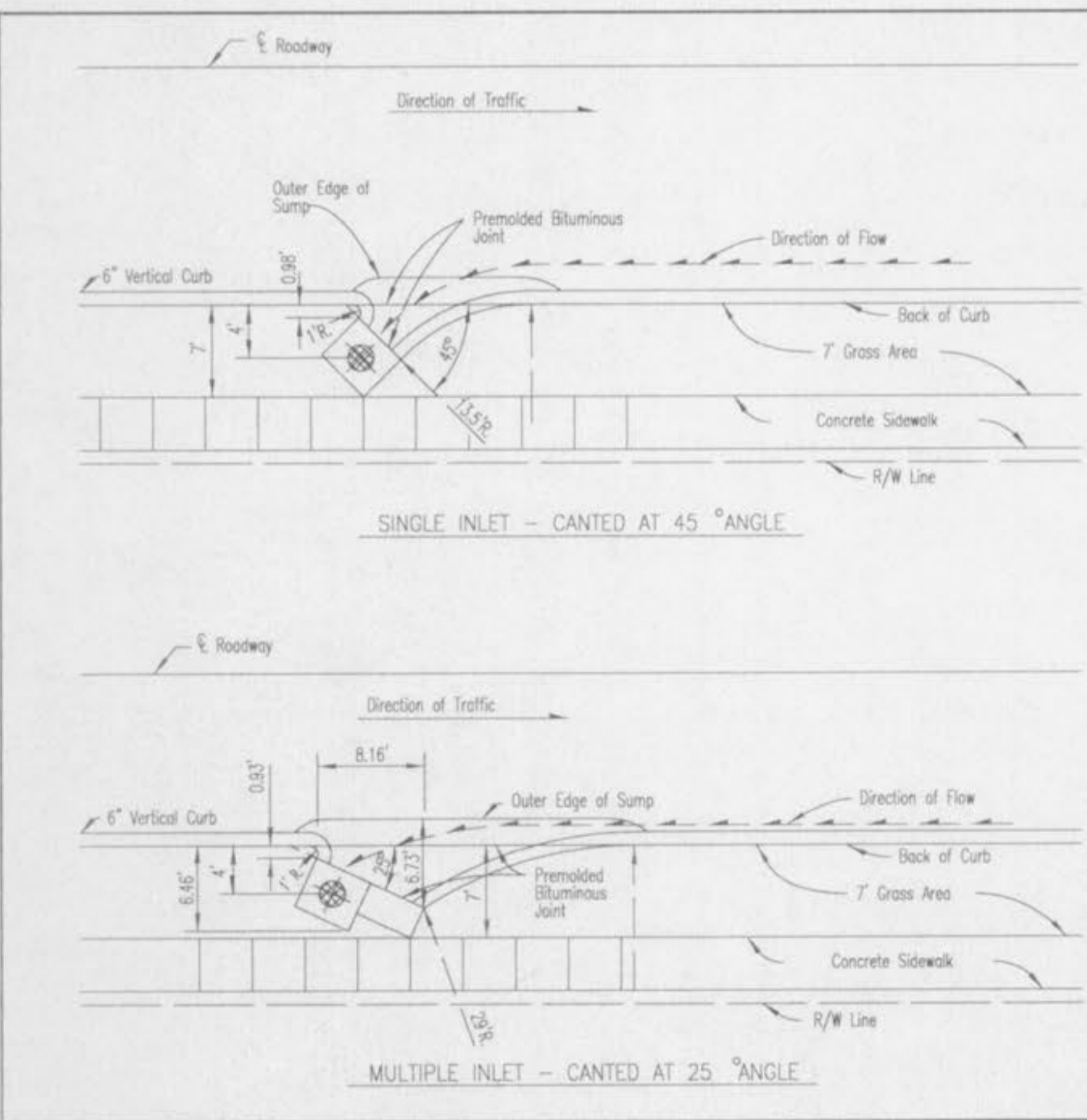
SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
SEWER CONSTRUCTION DETAILS
FLARED END SECTION
(PRECAST CONCRETE)
DATE: June, 2002
DRAWING
C604.40

IMPROVEMENT PLANS
PEACEFUL VALLEY
STORM DETAILS 3

ST. CHARLES ENGINEERING & SURVEYING, INC.
801 S. FIFTH STREET, SUITE 202
ST. CHARLES, MO 63301
TEL: (636) 947-0607 FAX: (636) 947-2448

S E S

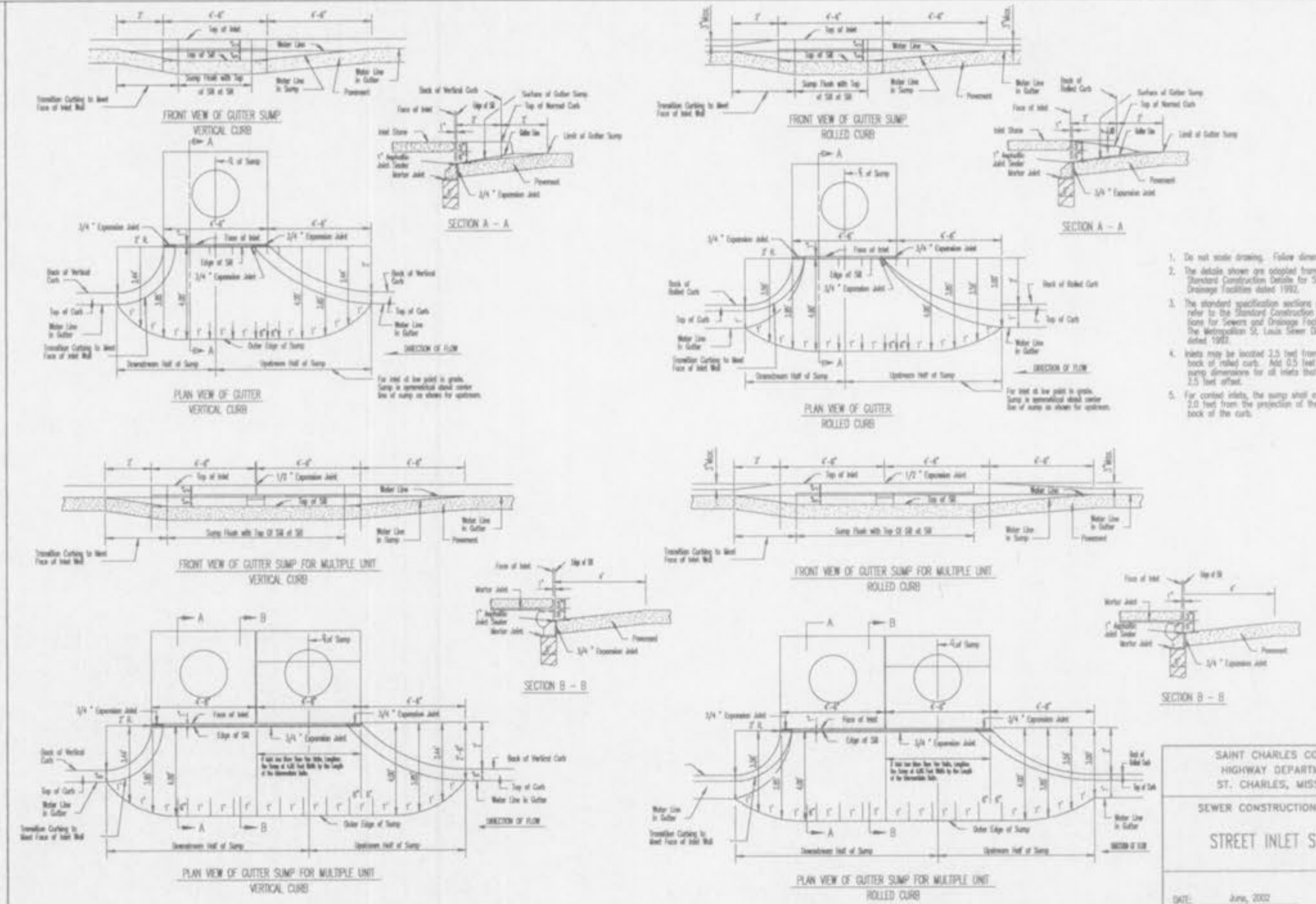
ORDER NO.
02-0890
DATE
07/25/03
16



GENERAL NOTES

- Do not scale drawing. Follow dimensions.
- For sump details refer to the Sewer Construction Details for Street Inlet Sumps, Standard Drawing C604.36.
- When required the nearest two (2) sections of sidewalk on each side of the inlet shall be worked to meet the top of the inlet stone elevation.
- Canted inlet to be used only when there is a 7ft gross area or when sidewalk is not required.
- Canted inlets allowed only when opposite the direction of traffic.
- Transition curb to meet face of inlet wall.

SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
SEWER CONSTRUCTION DETAILS
CANTED INLETS
DATE: June, 2002
DRAWING
C604.34



GENERAL NOTES

- Do not scale drawing. Follow dimensions.
- The details shown are adapted from Revised Standard Construction Details for Sewers and Stormwater Facilities dated 1992.
- The standard specification sections noted refer to the Missouri Construction Specifications for Sewers and Stormwater Facilities of the Metropolitan St. Louis Sewer District dated 1992.
- Inlets may be located 2.0 feet from the back of rolled curb. Add 0.5 feet to all rising dimensions for all inlets that are 2.5 feet offset.
- For canted inlets, the sump shall extend 2.0 feet from the projection of the back of the curb.

SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
SEWER CONSTRUCTION DETAILS
STREET INLET SUMPS
DATE: June, 2002
DRAWING
C604.36