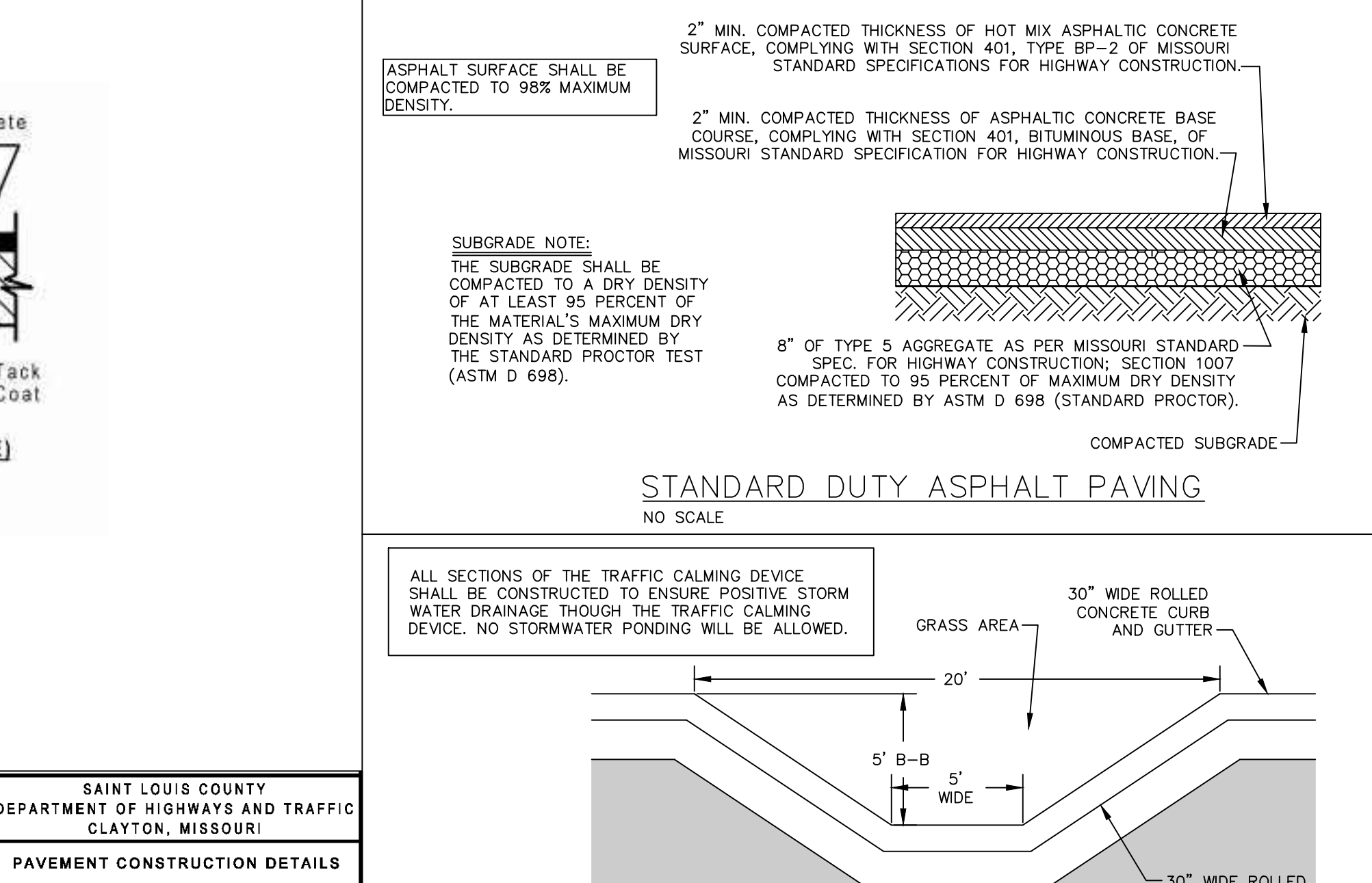
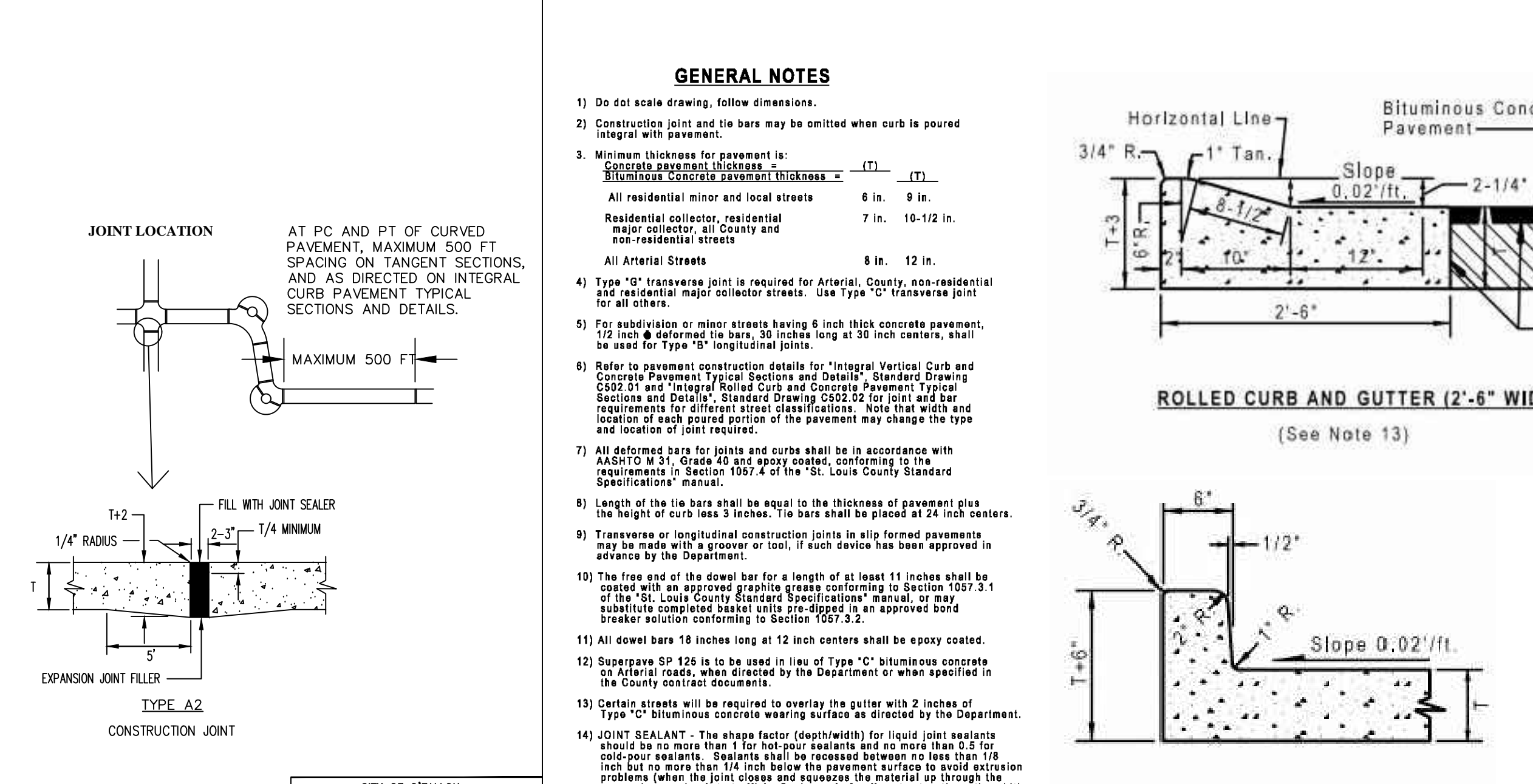
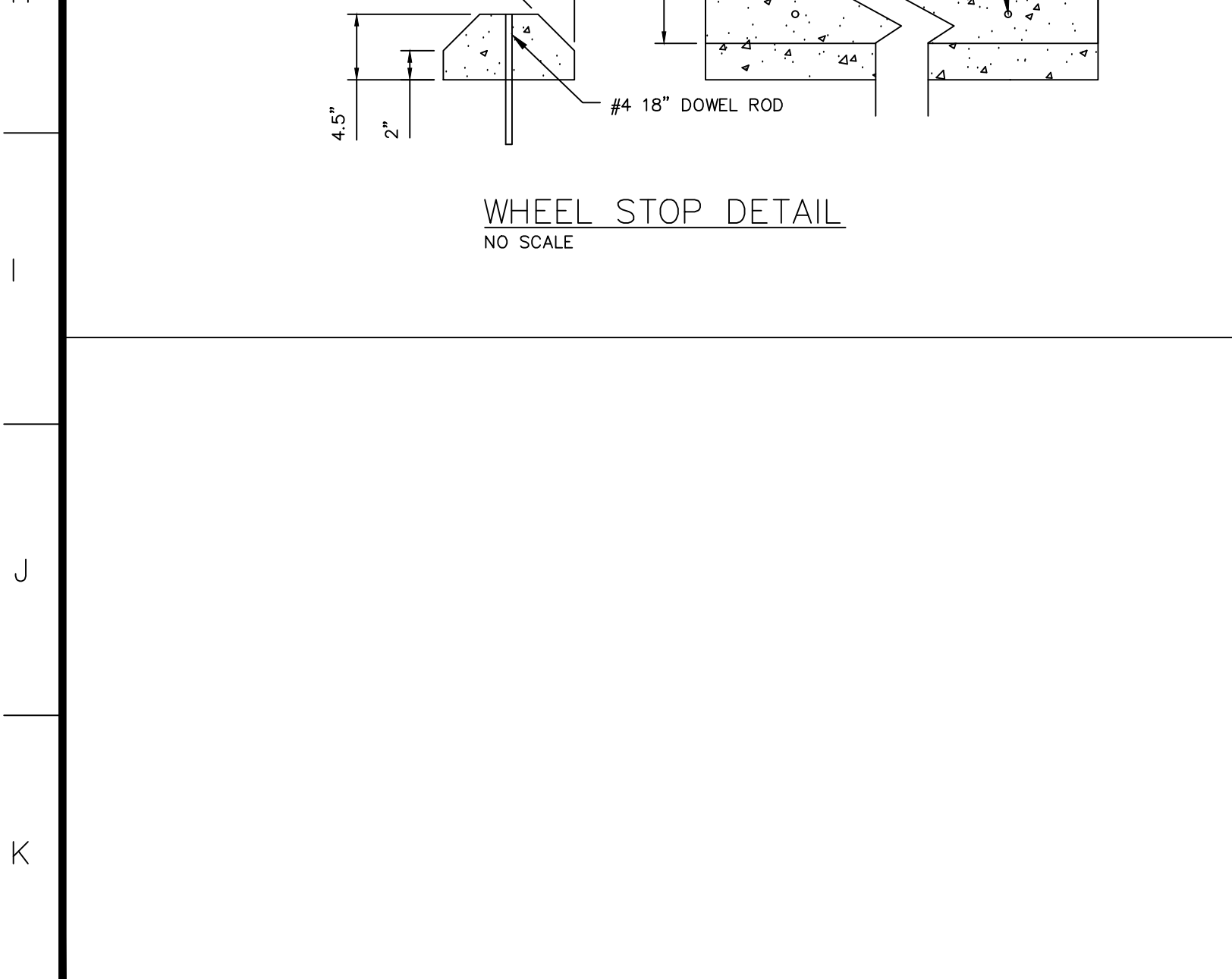
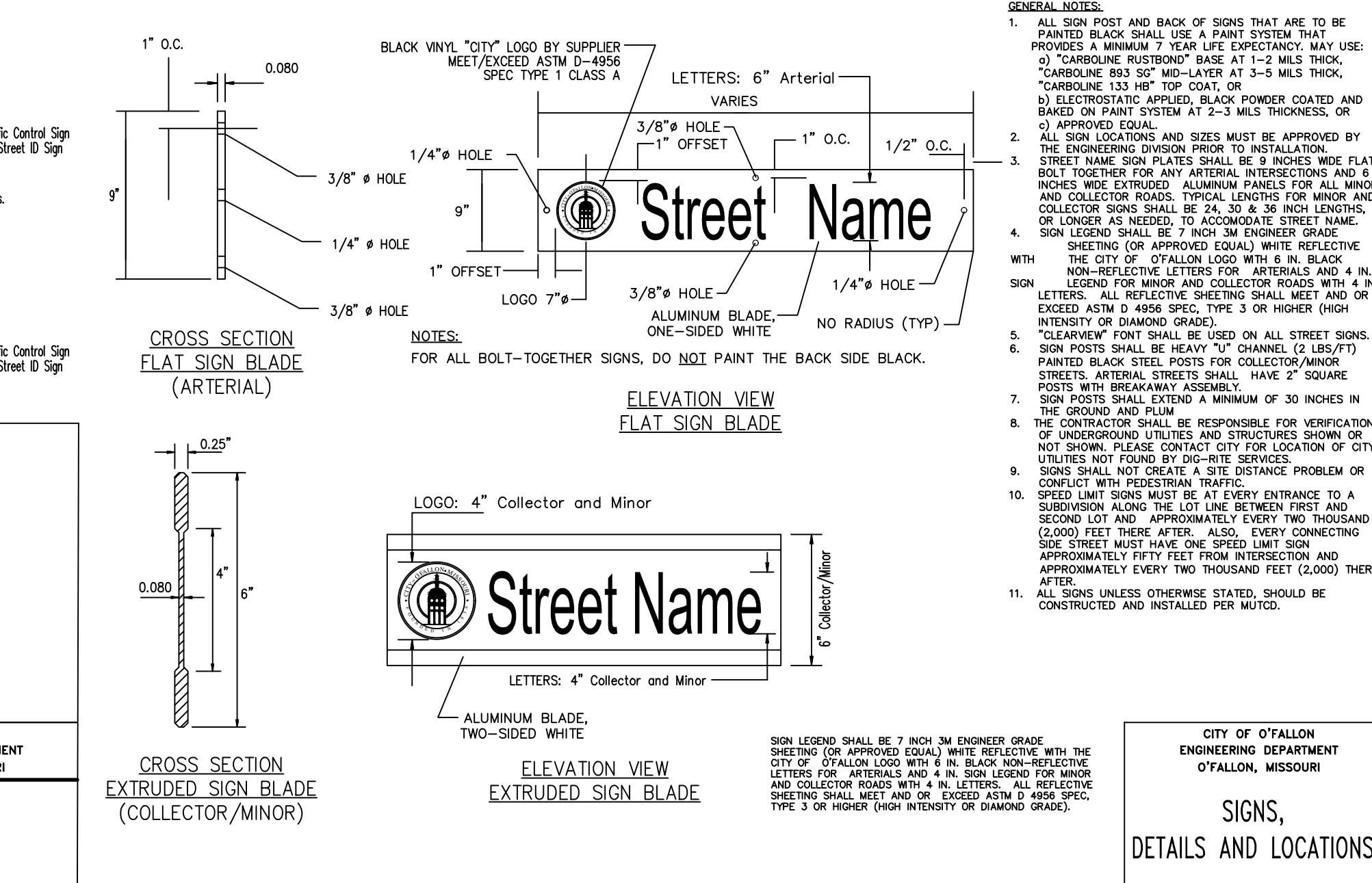
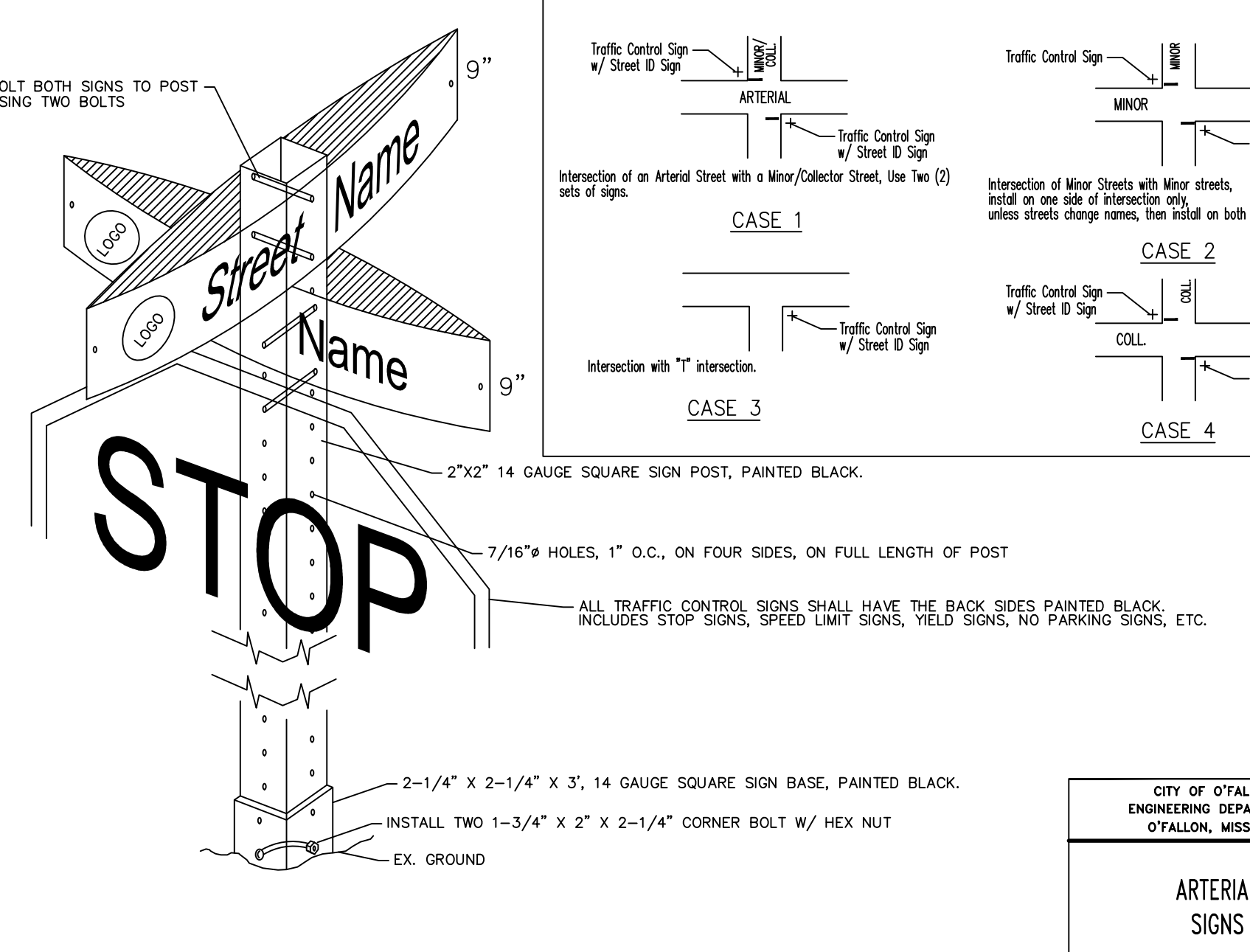
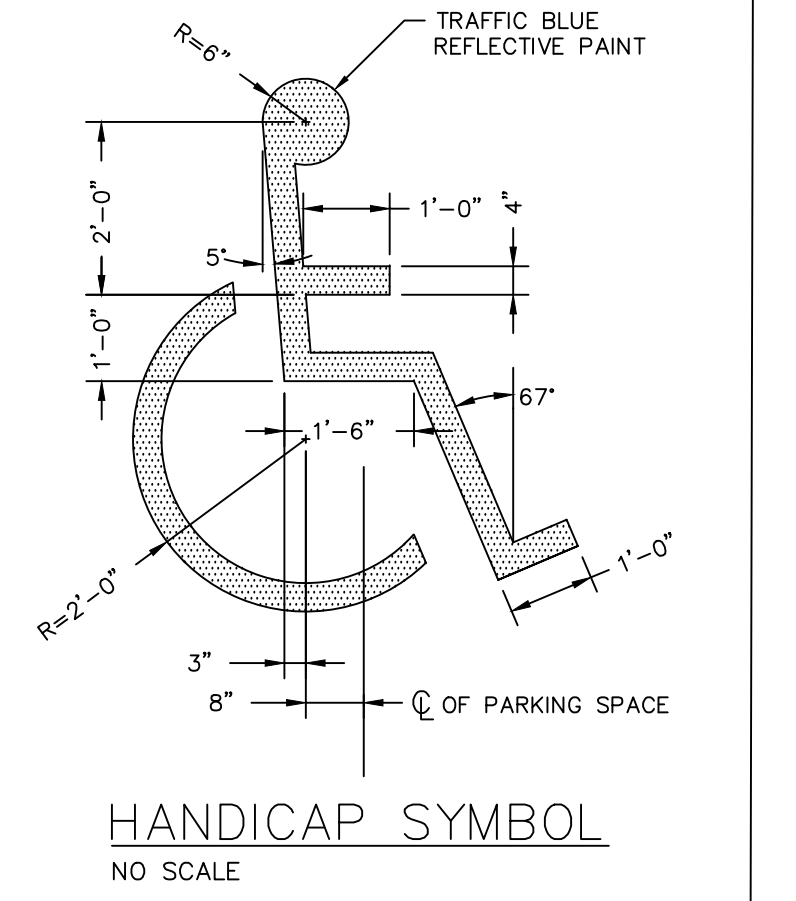
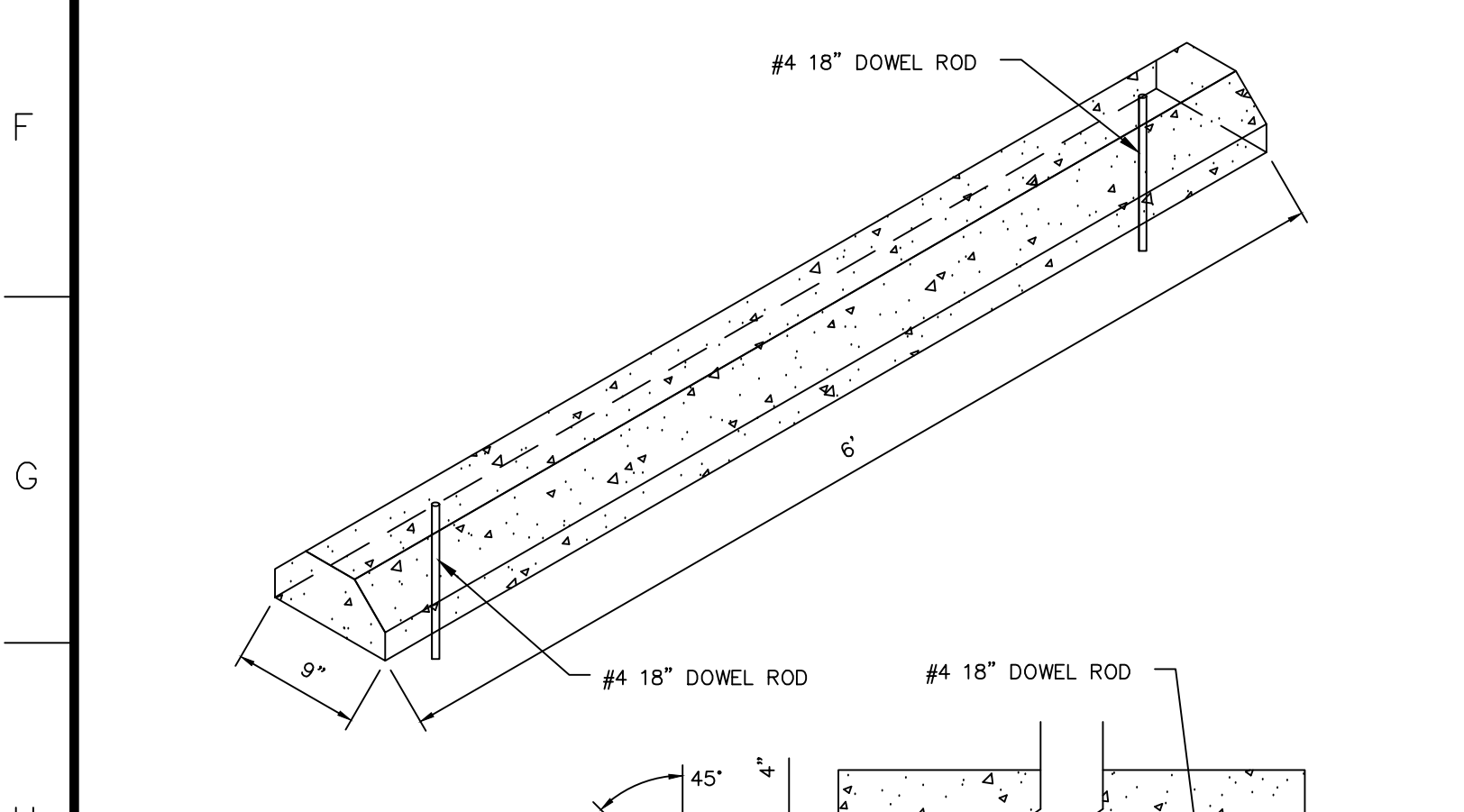
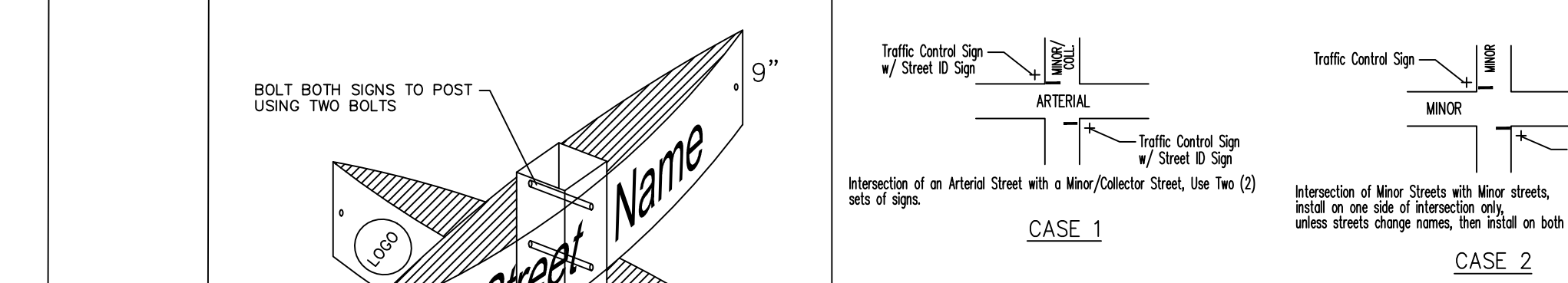
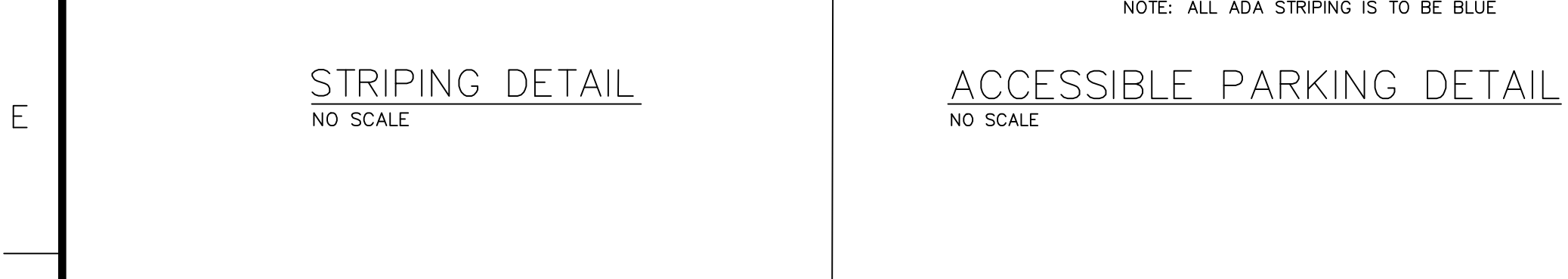
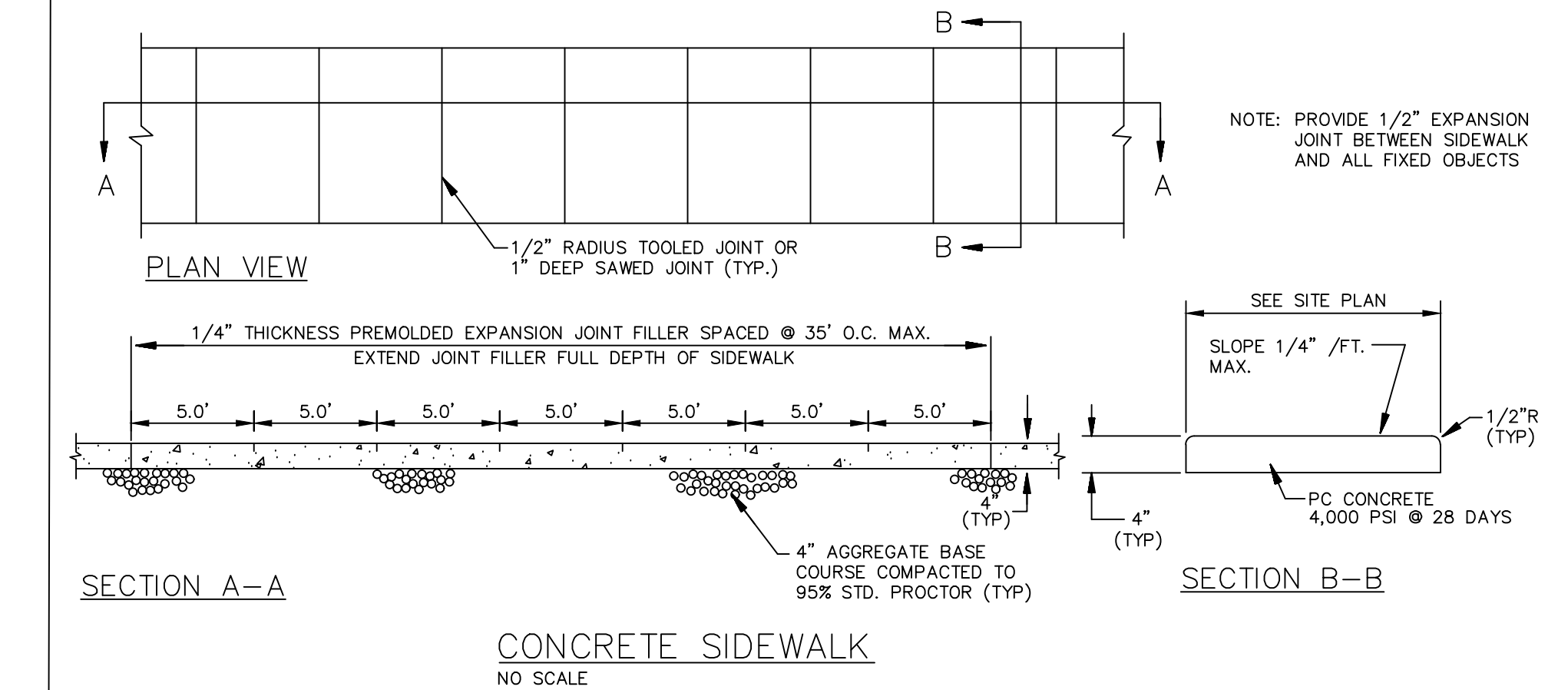
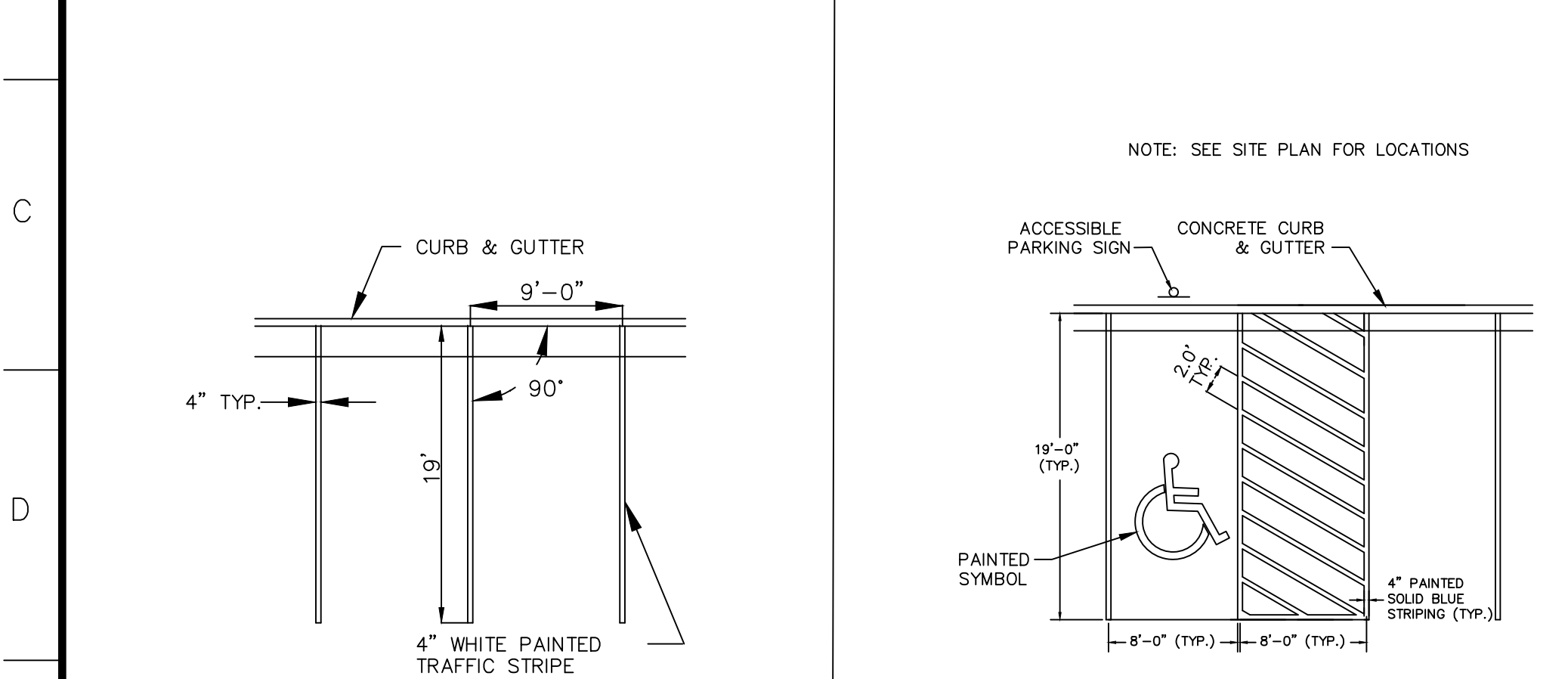


- NOTES:
- 1: All driveway entrances shall be six (6) inches P.C.C. in depth from the curb to the property line.
 - 2: All driveway approaches constructed in conjunction with sidewalk shall give the appearance that the sidewalk is continuous. That portion of the driveway approach that doubles as a sidewalk shall have a one-fourth (1/4) inch per foot cross slope same as the abutting sidewalk.
 - 3: A two (2) inch expansion joint is required between the street and driveway approach. One (1) additional two (2) inch expansion joint is required between the garage floor and the termination of the driveway.



OWNER/DEVELOPER:
DD LAND DEVELOPMENT, LLC
10407 BAUR BLVD, SUITE B
ST. LOUIS, MO 63132

CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

PAVEMENT CONSTRUCTION
DETAIL

- GENERAL NOTES**
- 1) Do not scale drawing, follow dimensions.
 - 2) Construction joint and the bars may be omitted where curb is poured integral with pavement.
 - 3) Minimum thickness for pavement is:

Concrete pavement thickness	(ft)	(in)
Bituminous Concrete pavement thickness		
All residential minor and local streets	6 in.	9 in.
Residential collector, residential major collector, all County and non-residential streets	7 in.	10-1/2 in.
All Arterial Streets	8 in.	12 in.
 - 4) Type "C" transverse joint is required for Arterial, County, non-residential and residential major collector streets. Use Type "C" transverse joint for all others.
 - 5) For subdivision or minor streets having 6 inch thick concrete pavement, 1/2 inch diameter bars, 30 inches long at 30 inch centers, shall be used for Type "C" longitudinal joints.
 - 6) Refer to pavement construction details for "Integral Vertical Curb and Concrete Pavement Typical Sections and Details" Standard Drawing C502.01 and "Integral Rolled Curb and Concrete Pavement Typical Sections and Details" Standard Drawing C502.02 for joint and bar requirements for different street classifications. Note that width and location of each paved portion of the pavement may change the type and location of joint required.
 - 7) All deformed bars for joints and curbs shall be in accordance with AASHTO M 31, Grade 40 and epoxy coated, conforming to the requirements in Section 1007.4 of the "St. Louis County Standard Specifications" manual.
 - 8) Length of the bars shall be equal to the thickness of pavement plus the height of curb less 3 inches. The bars shall be placed at 24 inch centers.
 - 9) Transverse or longitudinal construction joints in slip formed pavements may be made with a groover or tool. If such device has been approved in advance by the Department.
 - 10) The free end of the dowel bar for a length of at least 11 inches shall be coated with an approved plastic grease conforming to Section 1007.3.1 of the "St. Louis County Standard Specifications" manual, or may substitute completely sealed ends with approved plastic grease if not specified. Joint filler shall be required to accomplish the above for the specified joint sealant material.
 - 11) All dowel bars 18 inches long at 12 inch centers shall be epoxy coated.
 - 12) Supersave SP 126 is to be used in lieu of Type "C" bituminous concrete on Arterial roads, when directed by the Department or when specified in the County contract documents.
 - 13) Certain streets will be required to overlay the gutter with 2 inches of Type "C" bituminous concrete wearing surface as directed by the Department.
 - 14) JOINT SEALANT - The shape factor (depth/width) for liquid joint sealants should be no more than 1 for hot-pour sealants and no more than 0.5 for cold-pour sealants. Sealants shall be recessed between 1/8 inch and 1/4 inch but no more than 1/4 inch below the pavement surface to avoid extrusion problems when the joint closes and expels the material up through the reservoir exposing it to traffic). Backer rod of a diameter two times the width of the joint is required to accomplish this when specified. Filler is not specified. Joint filler shall be required to accomplish the above for the specified joint sealant material.
 - 15) Sawcut to achieve shape factor = 1.

TYPE "A" VERTICAL CURB
(MONOLITHIC)

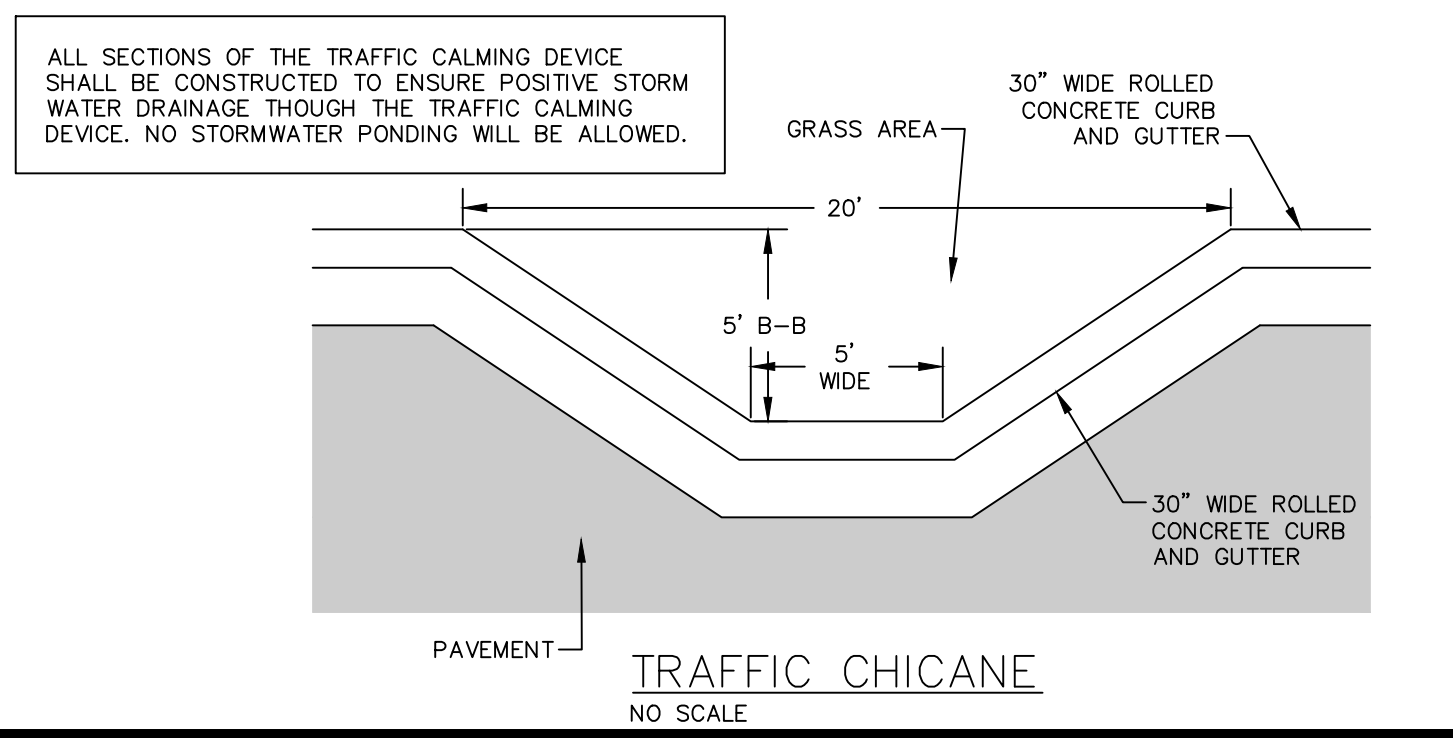
SAINT LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

PAVEMENT CONSTRUCTION
DETAILS

CURBS

REVISION DATE: October 1, 2012

DRAWING
C502.14



636-594-0540 (tel.)
636-594-0512 (fax)
mail@ochran.com
Civil Engineering
Land Surveying
Architecture
Site Development
General Consulting
Master Planning

Missouri State Certificate
of Authority Numbers:
Survey: 000380
Engineering: 001655
Architecture: 2002104240

Three working days prior to the start of any excavation work, call 1-800-UGC-RTTE for utility location information.

All OSHA rules & regulations and construction requirements for these plans shall be strictly followed (i.e. trenching, blasting, etc.)

STATE OF MISSOURI
1/13/21
ELLIOTT R.
REBEK
Professional Engineer
NUMBER
PE-2006002845

THE STREETS OF CALEDONIA
PHASE II RESIDENTIAL
O'FALLON, MISSOURI

DATE: _____
DWG. BY: _____
CHECKED BY: _____
DATE: _____
DWG. NO.: _____

DWN. BY: TUG
APPD. BY: ERR

DATE: JAN. 13, 2021
SCALE: NO SCALE
PROJ. NO.: 17-6821
DWG. NO.: C14.01