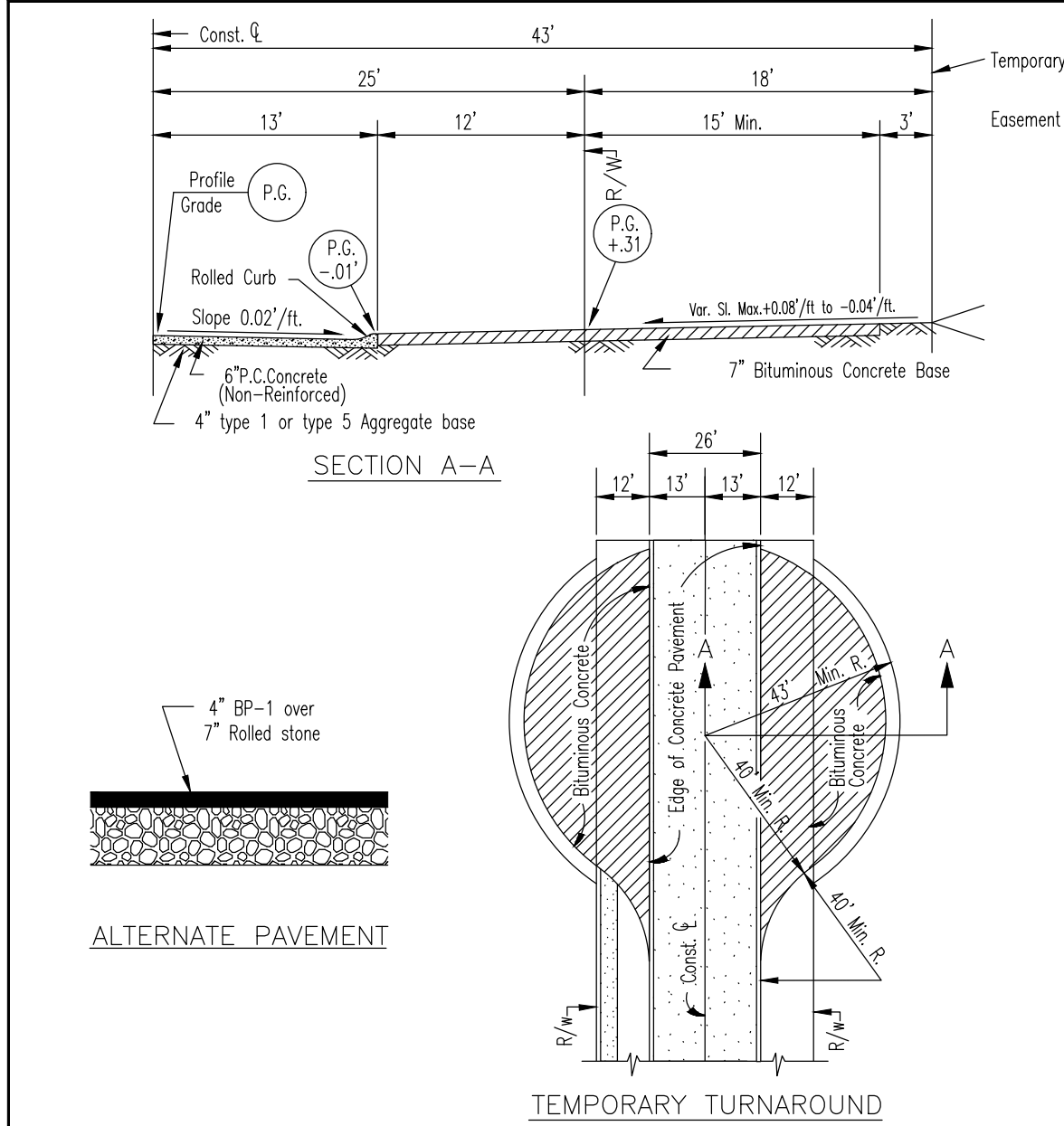


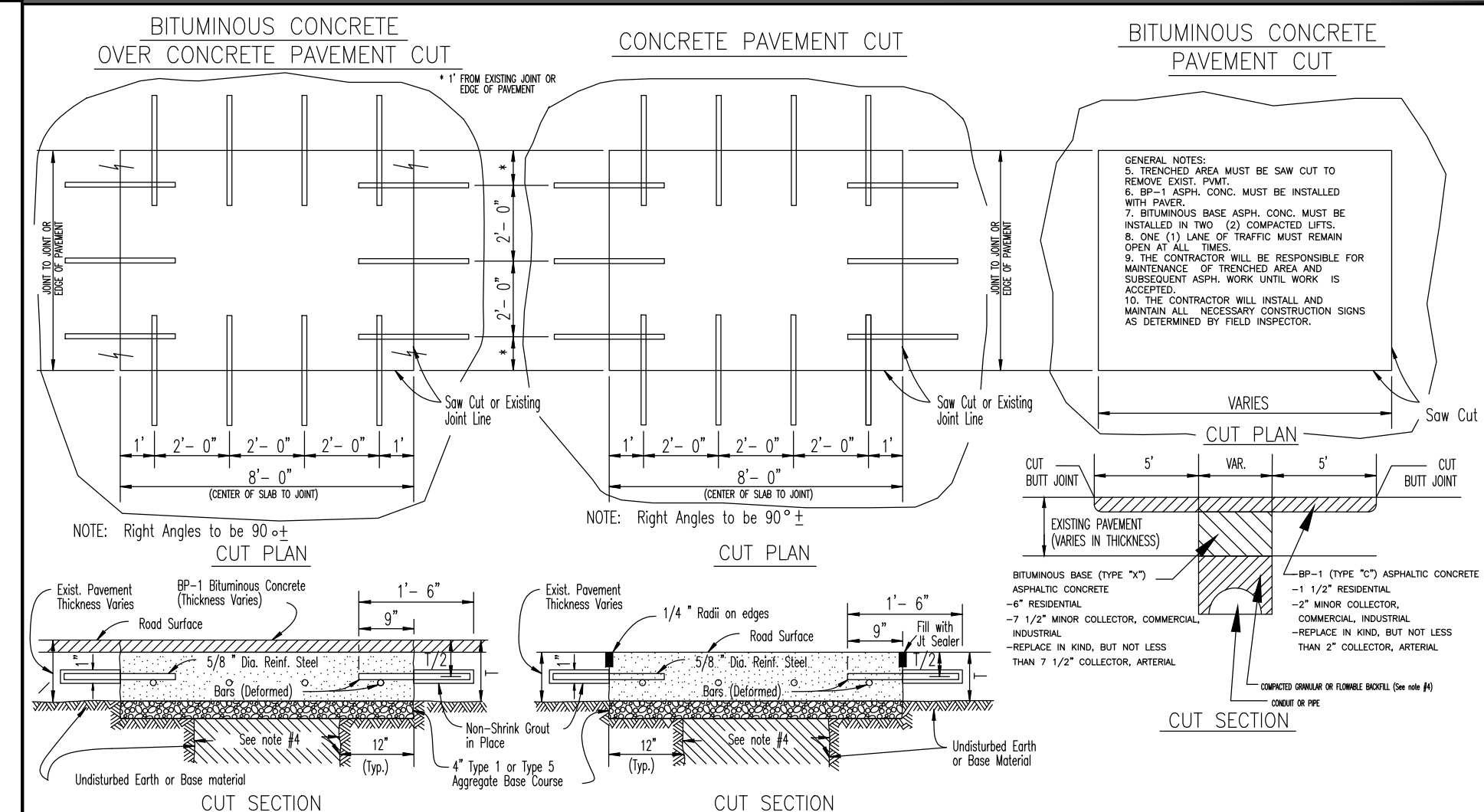
Drawing Name: V:\1810344-Entirement\Entirement\Engineering\Improvements\2024\IMP DETAILS.dwg Plot Date: Jun 15, 2021 7:58AM Plotted by: lumbardohomes



- GENERAL NOTES**
1. Do not scale drawing. Follow dimensions.
 2. For longitudinal and transverse joints, dowel and tie bar requirements and curb dimensions not shown refer to the Pavement Construction Details for Joints and Curb.
 3. All necessary pavement markings shall be as required by City of O'Fallon.
 4. For roadway cross slopes, pavement types and thickness refer to "Standard Typical Sections".
 5. Permits will not be issued for building construction on lots abutting a temporary turnout unless and until the turnout is actually constructed.
 6. The removal of the temporary turnout surface, the restoration of the disturbed ground, and the extension of any sidewalk shall be the responsibility of the party(ies) that will be extending the street.
 7. Other temporary turn around types can be considered depending on type and dimensions.
 8. Stub streets over two hundred fifty (250) feet shall have a minimum temporary turnout/pavement radius of forty (40) feet, covered by a temporary turnout/turnaround easement to remain until the road is extended and plotted. In lieu of turnarounds, the Planning and Zoning Commission may approve a "T" or "Y" shaped paved space on streets which are less than two hundred fifty (250) feet in length and are planned to be extended in the future.

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

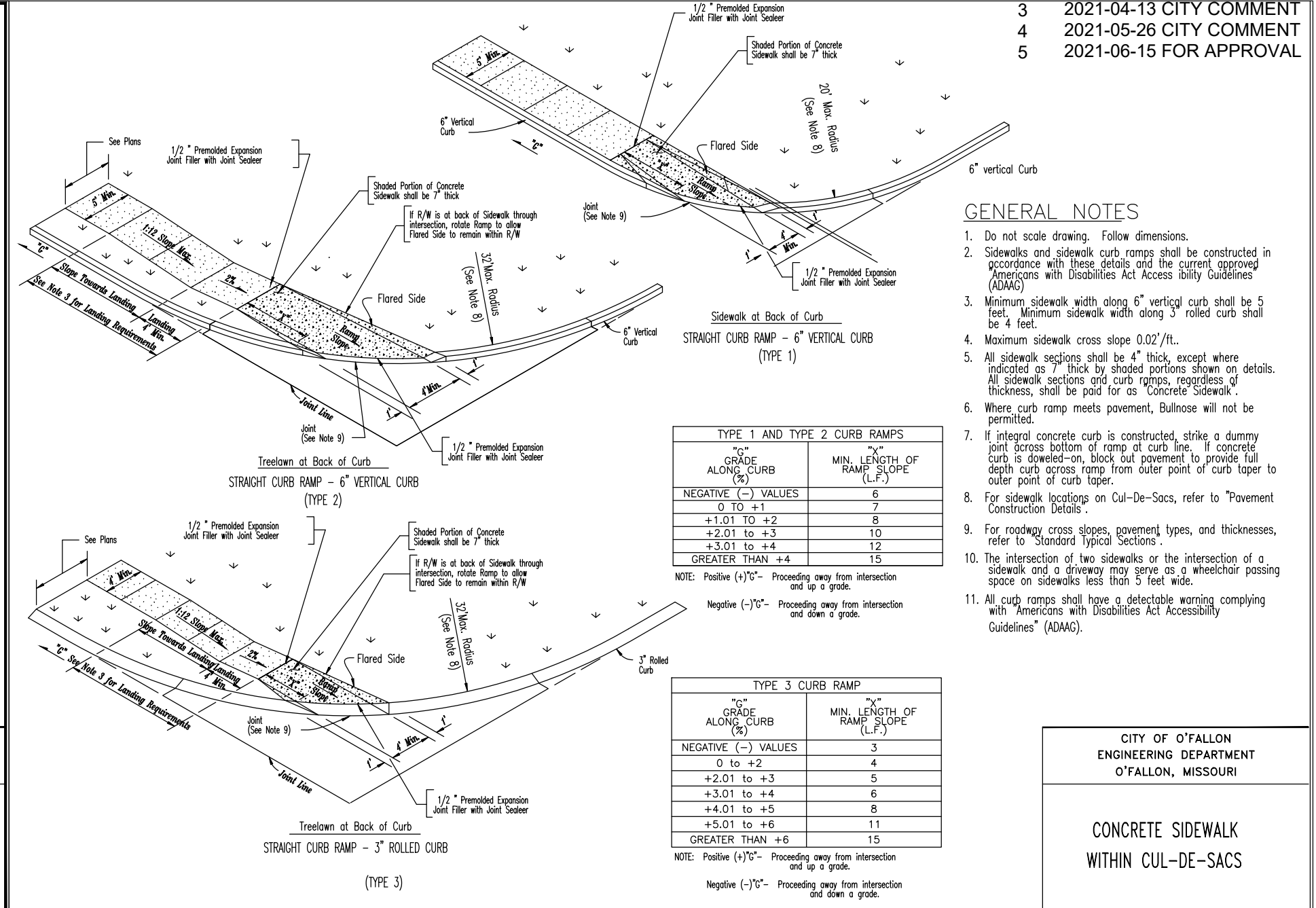
**PAVEMENT CONSTRUCTION DETAILS
RESIDENTIAL
TEMPORARY TURNAROUND**



- GENERAL NOTES**
1. If a permit is issued to replace the existing asphaltic concrete pavement with full depth bituminous concrete pavement, the applicant will be required to follow the full depth bituminous concrete pavement construction details for full depth bituminous concrete pavement. The applicant will use concrete or equivalent to replace the existing concrete and use 4" type 1 or type 5 aggregate base course.
 2. If Bituminous Concrete over Concrete Pavement is required, the applicant will use concrete or equivalent to replace the existing concrete and use 4" type 1 or type 5 aggregate base course. Gravel base and base will be compacted by mechanical stamping methods in lifts no greater than 6 inches.
 3. Minimum Thickness for Pavement Replacement is: CONCRETE (1) BITUMINOUS (1) 6" 7 1/2"
 4. If the excavations are made in the improved portion of the road, the excavations shall be placed over existing facilities and controlled low strength material (CLSM) shall be placed over the excavations. There will be a 1/2" minimum thickness of CLSM between the excavations and the existing pavement. The excavations shall be placed over existing facilities and controlled low strength material (CLSM) shall be placed over the excavations. There will be a 1/2" minimum thickness of CLSM between the excavations and the existing pavement.

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

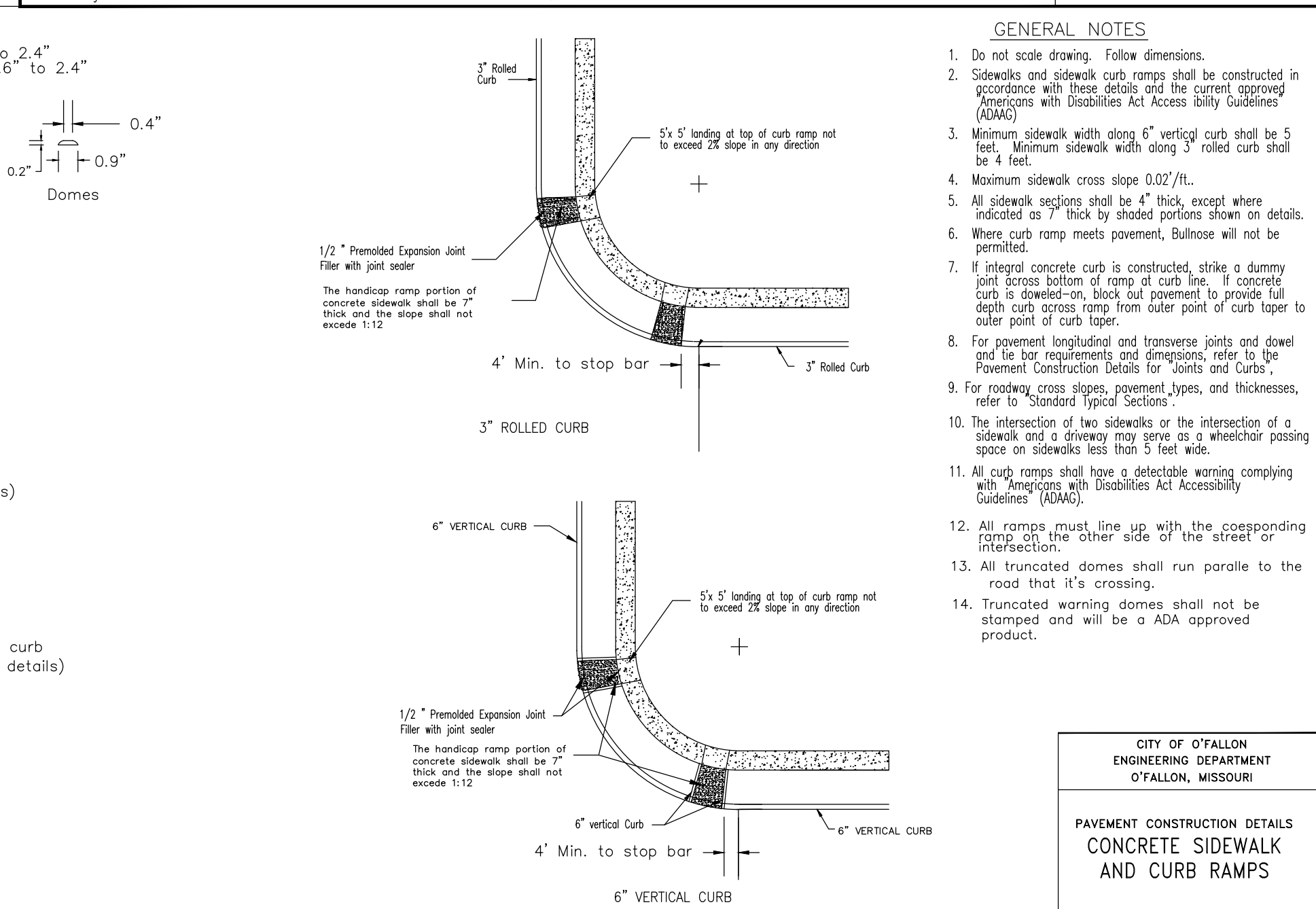
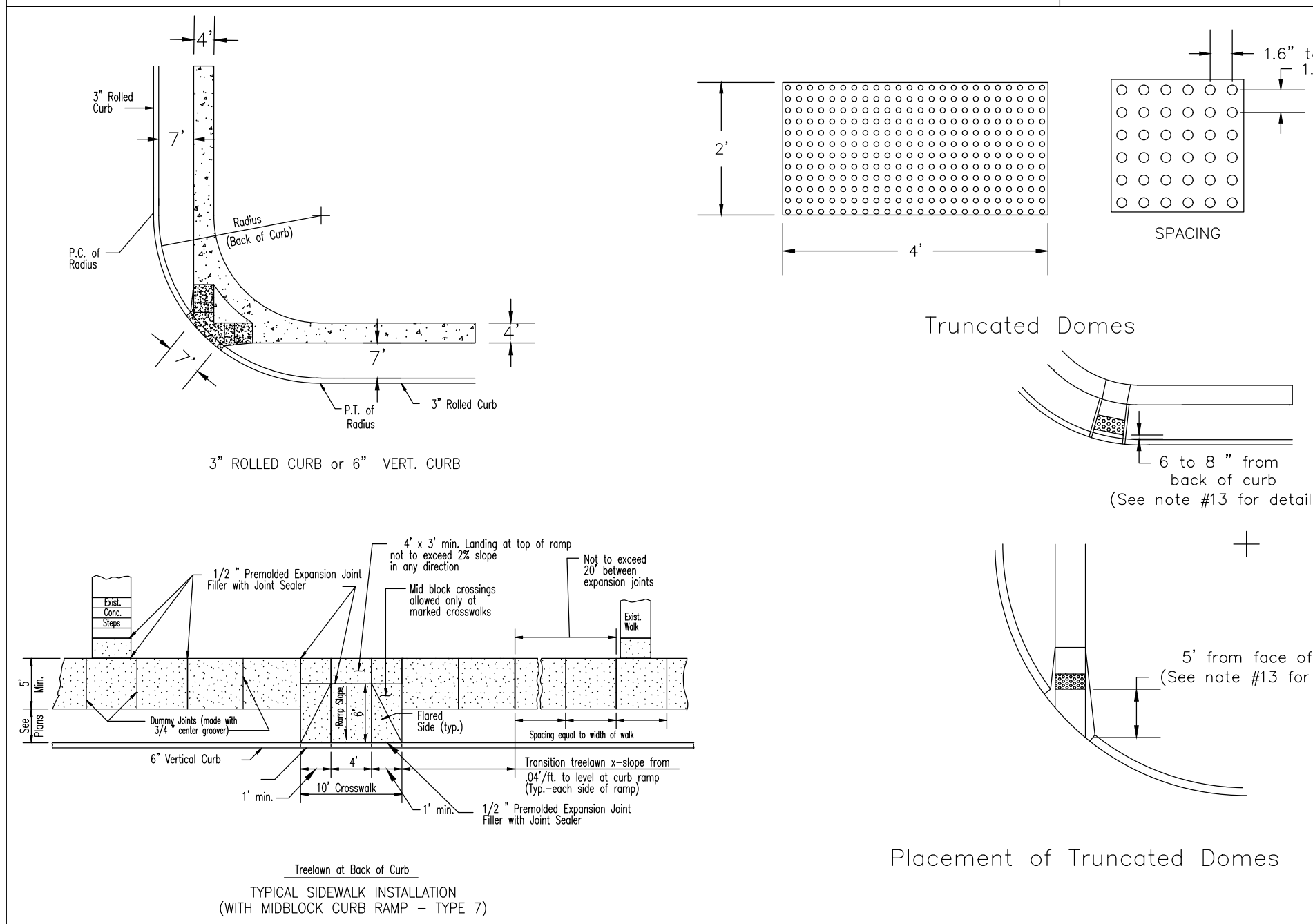
**DETAILS OF TEMPORARY
OPENINGS IN
ROADWAY PAVEMENT**



- GENERAL NOTES**
1. Do not scale drawing. Follow dimensions.
 2. Sidewalks and sidewalk curb ramps shall be constructed in accordance with these details and the current approved American Disabilities Act Accessibility Guidelines (ADAAG).
 3. Minimum sidewalk width along 6" vertical curb shall be 5 feet. Minimum sidewalk width along 3" rolled curb shall be 4 feet.
 4. Maximum sidewalk cross slope 0.02'/ft.
 5. All sidewalk sections shall be 4" thick, except where indicated by 7" thick by shaded portions shown on details.
 6. Where curb ramp meets pavement, Bulbouse will not be permitted.
 7. If integral concrete curb is constructed, strike a dummy joint across bottom of ramp at curb line. If concrete curb is doweled-on, block out pavement to provide full depth curb across ramp from outer point of curb taper to outer point of curb taper.
 8. For sidewalk locations on Cul-De-Sacs, refer to "Pavement Construction Details".
 9. For roadway cross slopes, pavement types, and thicknesses, refer to "Standard Typical Sections and Details".
 10. The intersection of two sidewalks or the intersection of a sidewalk and a driveway may serve as a wheelchair passing space on sidewalks less than 5 feet wide.
 11. All curb ramps shall have a detectable warning complying with Americans with Disabilities Act Accessibility Guidelines (ADAAG).

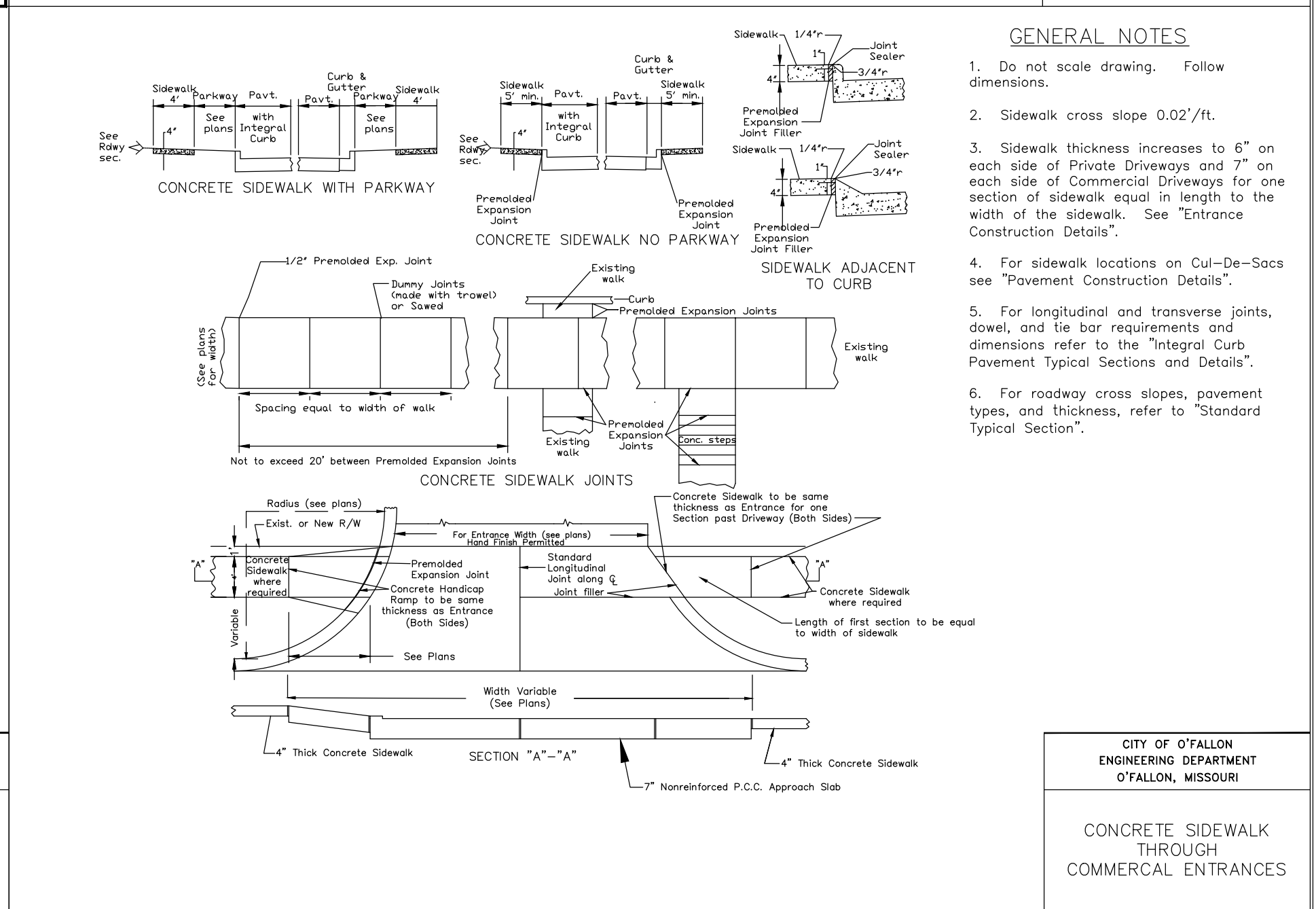
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

**CONCRETE SIDEWALK
WITHIN CUL-DE-SACS**



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

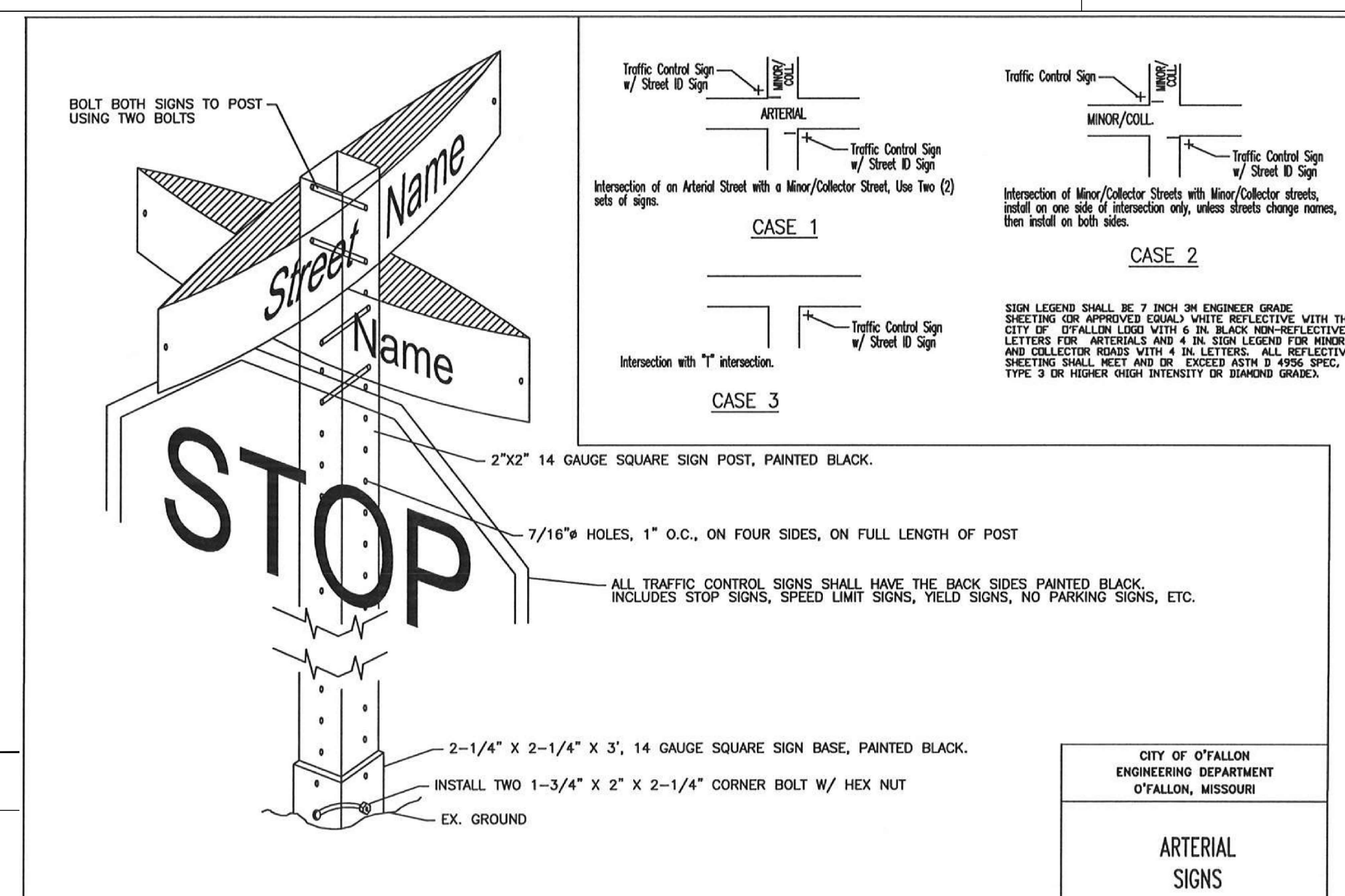
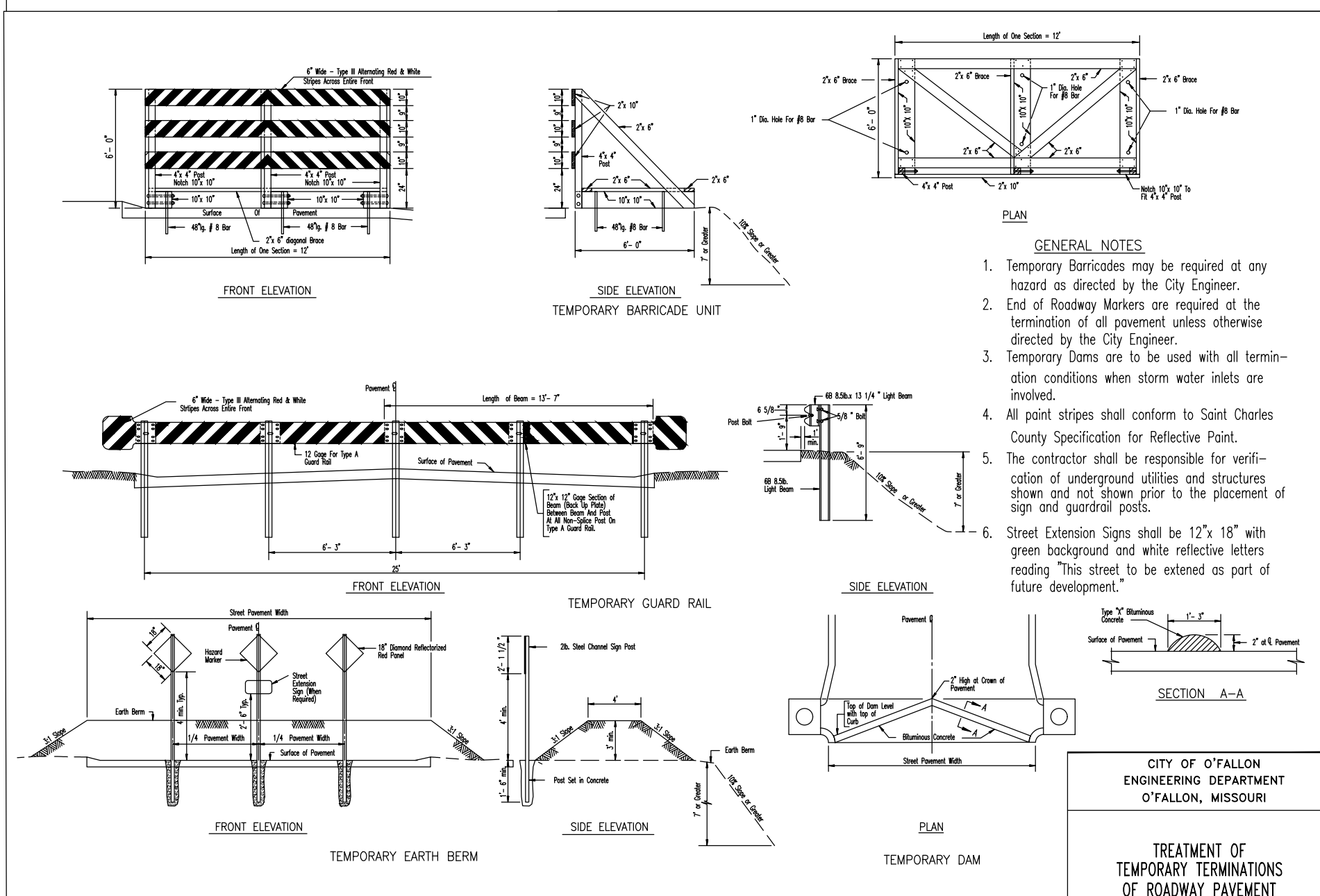
**PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK
AND CURB RAMPS**



- GENERAL NOTES**
1. Do not scale drawing. Follow dimensions.
 2. Sidewalk cross slope 0.02'/ft.
 3. Sidewalk thickness increases to 6" on each side of Private Driveways and 7" on each side of Commercial Driveways for one section of sidewalk equal in length to the width of the sidewalk. See "Entrance Construction Details".
 4. For sidewalk locations on Cul-De-Sacs see "Pavement Construction Details".
 5. For longitudinal and transverse joints, dowel, and tie bar requirements and dimensions refer to the "Integral Curb Pavement Typical Sections and Details".
 6. For roadway cross slopes, pavement types, and thickness, refer to "Standard Typical Section".

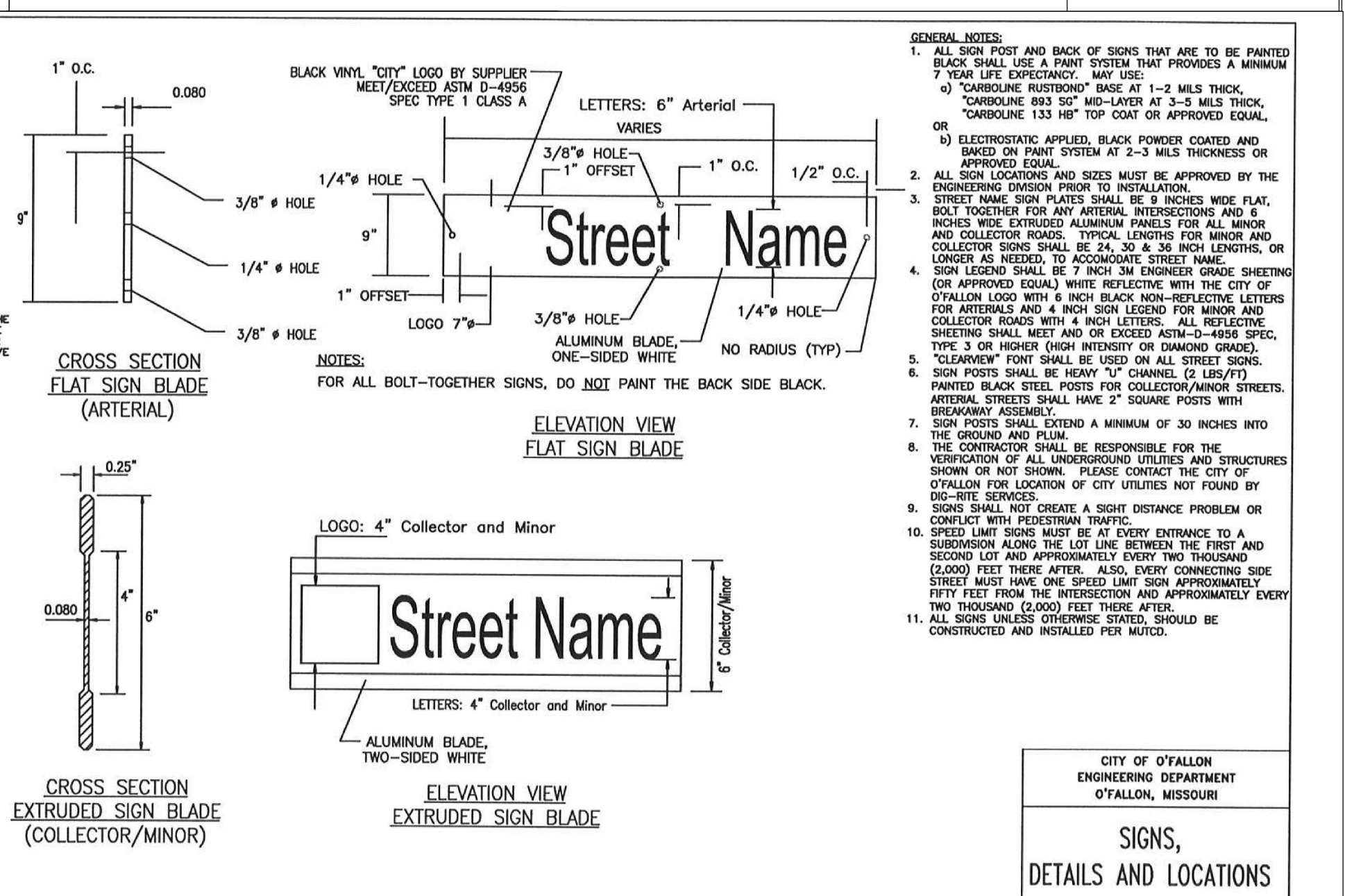
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

**CONCRETE SIDEWALK
THROUGH
COMMERCIAL ENTRANCES**



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

**PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK
AND CURB RAMPS**



- GENERAL NOTES:**
1. ALL SIGN POST AND BACK OF SIGNS THAT ARE TO BE PAINTED BLACK SHALL USE A PAINT SYSTEM THAT PROVIDES A MINIMUM 7 YEAR LIFE EXPECTANCY. MAY USE: a) "CARBOLINE RUSTSTOP" BASE AT 1-2 MILS THICK, "CARBOLINE 883 50" MID-LAYER AT 3-5 MILS THICK, "CARBOLINE 133 100" TOP COAT OR APPROVED EQUAL. b) ELECTROSTATIC APPLIED, BLACK POWDER COATED AND BAKED ON EQUAL. c) ALL APPROVED EQUAL.
 2. STREET NAME SIGN PLATES SHALL BE 6 INCHES WIDE FLAT, BOLT TOGETHER FOR ANY ARTERIAL INTERSECTIONS, AND 6 INCHES WIDE EXTRUDED ALUMINUM PANELS FOR ALL MINOR AND COLLECTOR ROADS. TYPICAL LENGTHS FOR MINOR AND COLLECTOR SIGNS SHALL BE 24, 30 & 36 INCH LENGTHS, OR LONGER AS NEEDED, TO ACCOMMODATE STREET NAME.
 3. SIGN LEGEND SHALL BE 7 INCH 3M ENGINEER GRADE SHEETING (OR APPROVED EQUAL) WHITE REFLECTIVE WITH THE CITY OF O'FALLON LOGO WITH 4 INCH BLACK NON-REFLECTIVE LETTERS FOR ARTERIALS AND 4 INCH SIGN LEGEND FOR MINOR AND COLLECTOR SIGNS. SHEETING SHALL MEET AND OR EXCEED ASTM-D-4956 SPEC, TYPE 3 OR HIGHER (HIGH INTENSITY OR DIAMOND GRADE).
 4. "CLEARVIEW" FONT SHALL BE USED ON ALL STREET SIGNS.
 5. SIGN POSTS SHALL BE 7 INCH 3M ENGINEER GRADE SHEETING (OR APPROVED EQUAL) WHITE REFLECTIVE WITH THE CITY OF O'FALLON LOGO WITH 4 INCH BLACK NON-REFLECTIVE LETTERS FOR ARTERIALS AND 4 INCH SIGN LEGEND FOR MINOR AND COLLECTOR SIGNS. SHEETING SHALL MEET AND OR EXCEED ASTM-D-4956 SPEC, TYPE 3 OR HIGHER (HIGH INTENSITY OR DIAMOND GRADE).
 6. PAINTED BLACK STEEL POSTS FOR COLLECTOR/MINOR STREETS. ARTERIAL STREETS SHALL HAVE 4" SQUARE POSTS WITH BREAKAWAY ASSEMBLY.
 7. SIGN POSTS SHALL EXCEED A MINIMUM OF 30 INCHES INTO THE GROUND AND PLUMB.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHOWN OR NOT SHOWN. RECORDS CONTACT THE CITY OF O'FALLON FOR LOCATION OF CITY UTILITIES NOT FOUND BY 800-BITE SERVICES.
 9. SIGNS SHALL NOT CREATE A SIGHT DISTANCE PROBLEM OR CONFLICT WITH PEDESTRIAN TRAFFIC.
 10. SPEED LIMIT SIGNS MUST BE AT EVERY ENTRANCE TO A SUBURBAN ALONG THE LOT LINE BETWEEN THE FIRST AND SECOND LOT AND APPROXIMATELY EVERY TWO THOUSAND (2000) FEET THERE AFTER. ALSO, EVERY CONNECTING SIDE STREET MUST HAVE ONE SPEED LIMIT SIGN APPROXIMATELY FIFTY FEET FROM THE INTERSECTION AND APPROXIMATELY EVERY TWO THOUSAND (2000) FEET THERE AFTER.
 11. ALL SIGNS UNLESS OTHERWISE STATED, SHOULD BE CONSTRUCTED AND INSTALLED PER MUTCD.

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

**SIGNS,
DETAILS AND LOCATIONS**

CONCRETE NOTE:
ALL NON-REINFORCED CONCRETE SHALL BE 4,000 PSI AT 28 DAYS

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

**PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK
AND CURB RAMPS**

PROJECT TITLE

**BROOKSIDE
ADDITION**

O'FALLON, MISSOURI

THE STERLING CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-survey.com
Corporate Certificate of Authority #001348

DATE: 06-15-2021
Michael G. Boering, PE
License No. MO E-28643
Professional Engineer

PAVEMENT DETAILS

LOMBARDO HOMES OF ST. LOUIS, LLC
2289 TECHNOLOGY DRIVE, SUITE 150
O'FALLON, MISSOURI 63368
Ph. 636-285-2710
Fax 636-636-3195

P+Z No. 20-001538
City No. 20-009251
Date: JUNE 15, 2021
Job No. 19-10-344
Page No.

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