

ISSUE	REMARKS/DATE
1	10-16-2012, INITIAL SUBMITTAL
2	11-29-2012, CITY COMMENTS
3	1-14-2013, CITY & DSD COMMENTS
4	2-20-2013, CITY COMMENTS

PROJECT TITLE

BOARDWALK
GARDENS

O'FALLON, MISSOURI

THE
STERLING
ENGINEERS & SURVEYORS

5065 New Baumgartner Road
St. Louis, Missouri 63129
Ph: 314-487-0440 Fax: 314-487-8844
www.sterling-eng-survey.com
Corporate Certificate of Authority #001348

Date: 1/23/13
MICHAEL G. BOERING
License No. E-28643
Civil Engineer

MCBRIDE RED HAWK, LLC
16001 SWINGLY RIDGE ROAD, SUITE 300
CHESTERFIELD, MISSOURI 63017
PH: 636-537-2000
Contact: Jeff Boland

PAVEMENT DETAILS

P+Z No. 9831.34.09.01
City No.
Date: OCT. 16, 2012
Job No. 12-05-128
Page No.

DTL-14

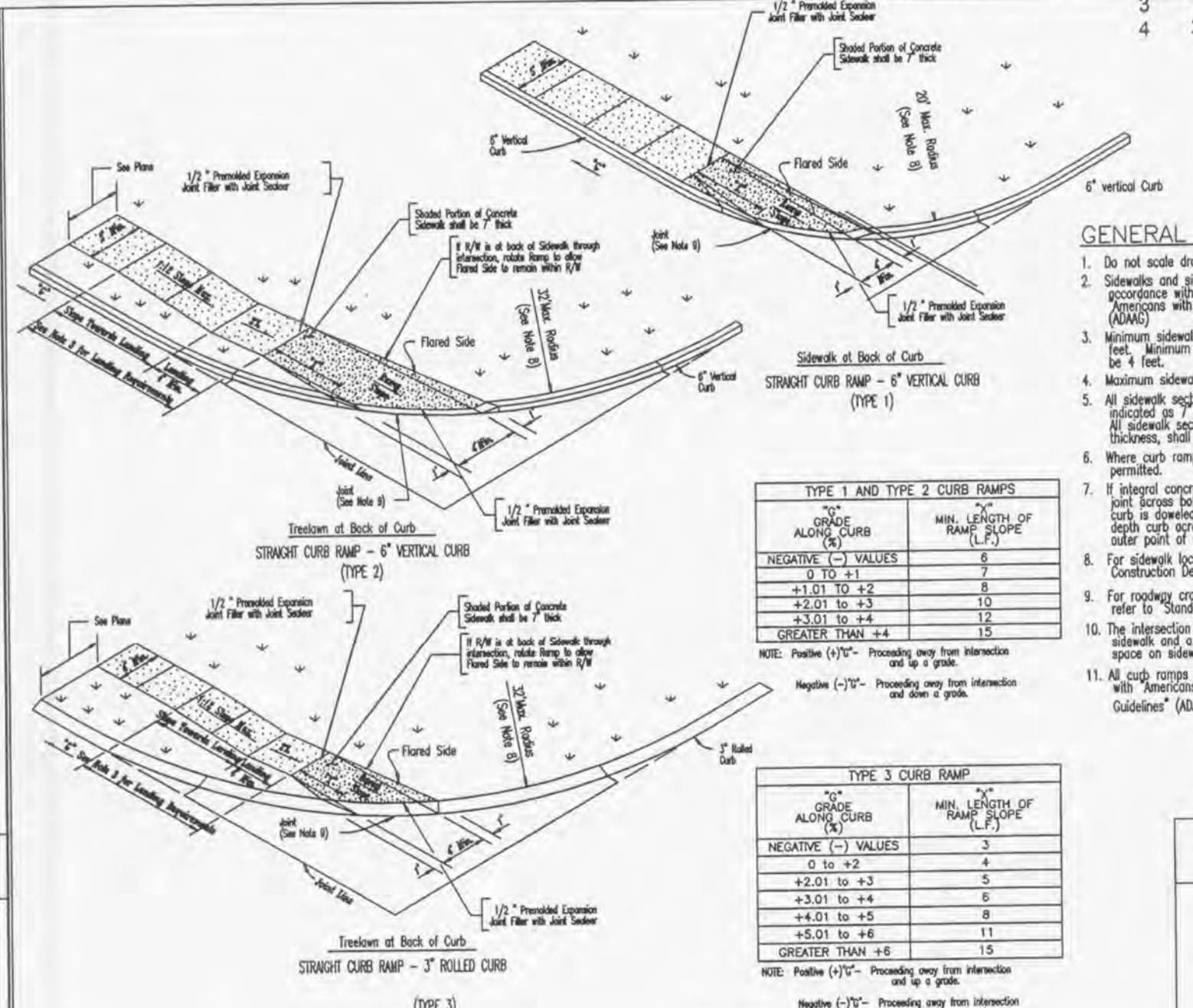
IMP

GENERAL NOTES

1. Do not scale drawing. Follow dimensions.
2. Sidewalk and sidewalk curb ramps shall be constructed in accordance with these details and the current approved guidelines with the latest ADA Accessibility Guidelines (ADAG).
3. Minimum sidewalk width along 1/2" vertical curb shall be 5 feet.
4. Maximum sidewalk cross slope 0.02%/ft.
5. All sidewalk sections shall be 4" thick, except where indicated as 7" thick by shaded portions shown on details.
6. Where curb ramps meet pavement, ballnose will not be permitted.
7. If integral concrete curb is constructed, strike a dummy part across bottom of ramp at curb line. If concrete curb is dowelled-on, back cut pavement to provide full depth curb across ramp from outer point of curb taper to outer point of curb taper.
8. For roadway cross slopes, pavement types, and thicknesses, refer to Standard Typical Sections.
9. 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.
10. All curb ramps shall have a detectable warning complying with the ADA Accessibility Guidelines (ADAG).
11. All curb ramps shall have a detectable warning complying with the ADA Accessibility Guidelines (ADAG).

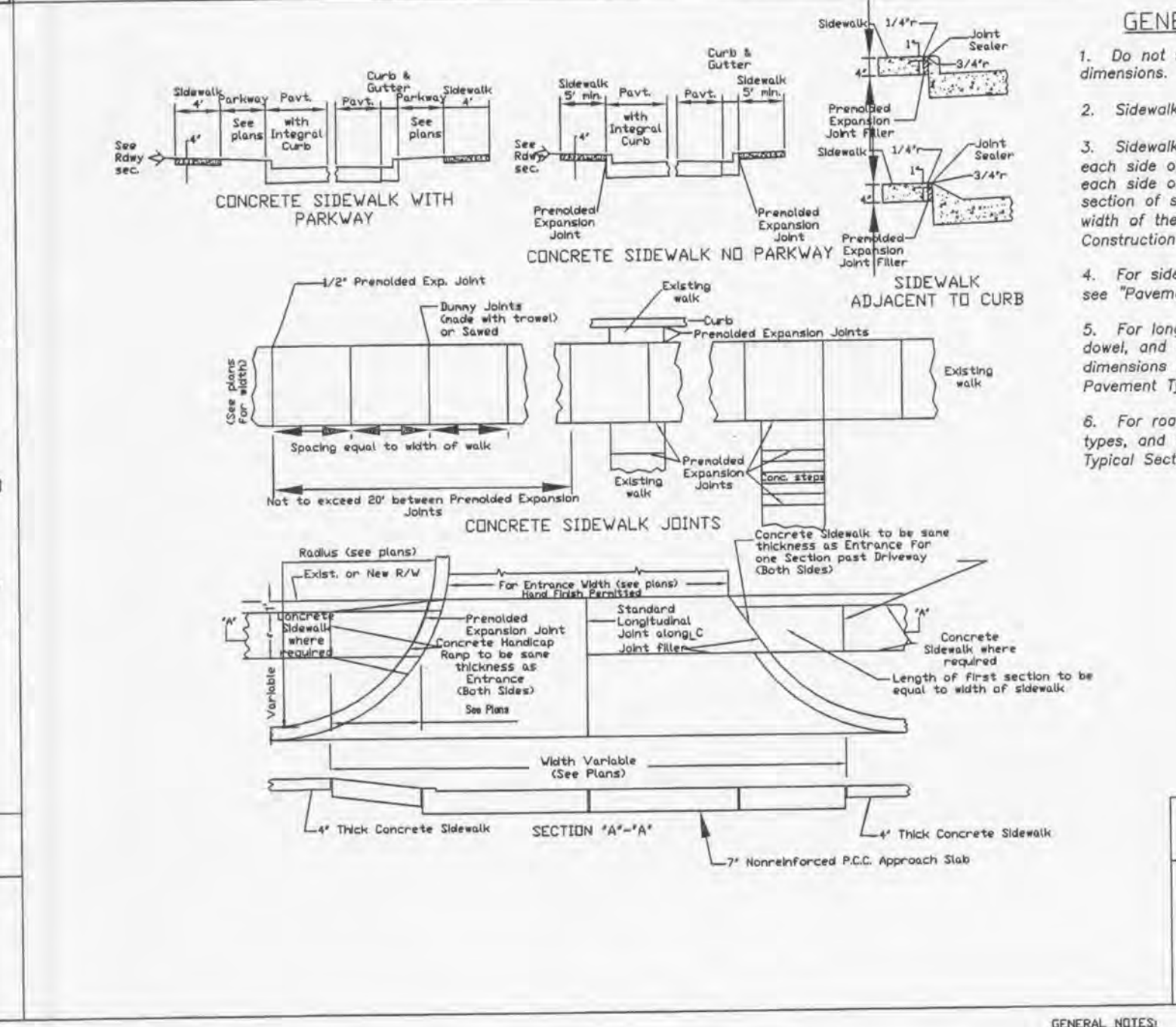
CODE	MIN. LENGTH OF RAMP (L)	MIN. WIDTH OF RAMP (W)
1	0 to +2	4
2	+2.01 to +3	5
3	+3.01 to +4	6
4	+4.01 to +5	8
5	+5.01 to +6	11
6	GREATER THAN +6	15

NOTE: Negative (-) values shall be a minimum of 2' in length.



GENERAL NOTES

1. Do not scale drawing. Follow dimensions.
2. Sidewalk and sidewalk curb ramps shall be constructed in accordance with these details and the current approved guidelines with the latest ADA Accessibility Guidelines (ADAG).
3. Minimum sidewalk width along 1/2" vertical curb shall be 5 feet.
4. Maximum sidewalk cross slope 0.02%/ft.
5. All sidewalk sections shall be 4" thick, except where indicated as 7" thick by shaded portions shown on details.
6. Where curb ramps meet pavement, ballnose will not be permitted.
7. If integral concrete curb is constructed, strike a dummy part across bottom of ramp at curb line. If concrete curb is dowelled-on, back cut pavement to provide full depth curb across ramp from outer point of curb taper to outer point of curb taper.
8. For pavement longitudinal and transverse joints and dowel and tie bar requirements and dimensions, refer to the Standard Typical Sections and Details.
9. For roadway cross slopes, pavement types, and thicknesses, refer to Standard Typical Sections.
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 the ADA Accessibility Guidelines (ADAG).
12. All ramps must line up with the corresponding curbs on the other side of the intersection.
13. All truncated domes shall run parallel to the road that it's crossing.
14. Truncated warning domes shall not be stamped and will be a ADA approved product.

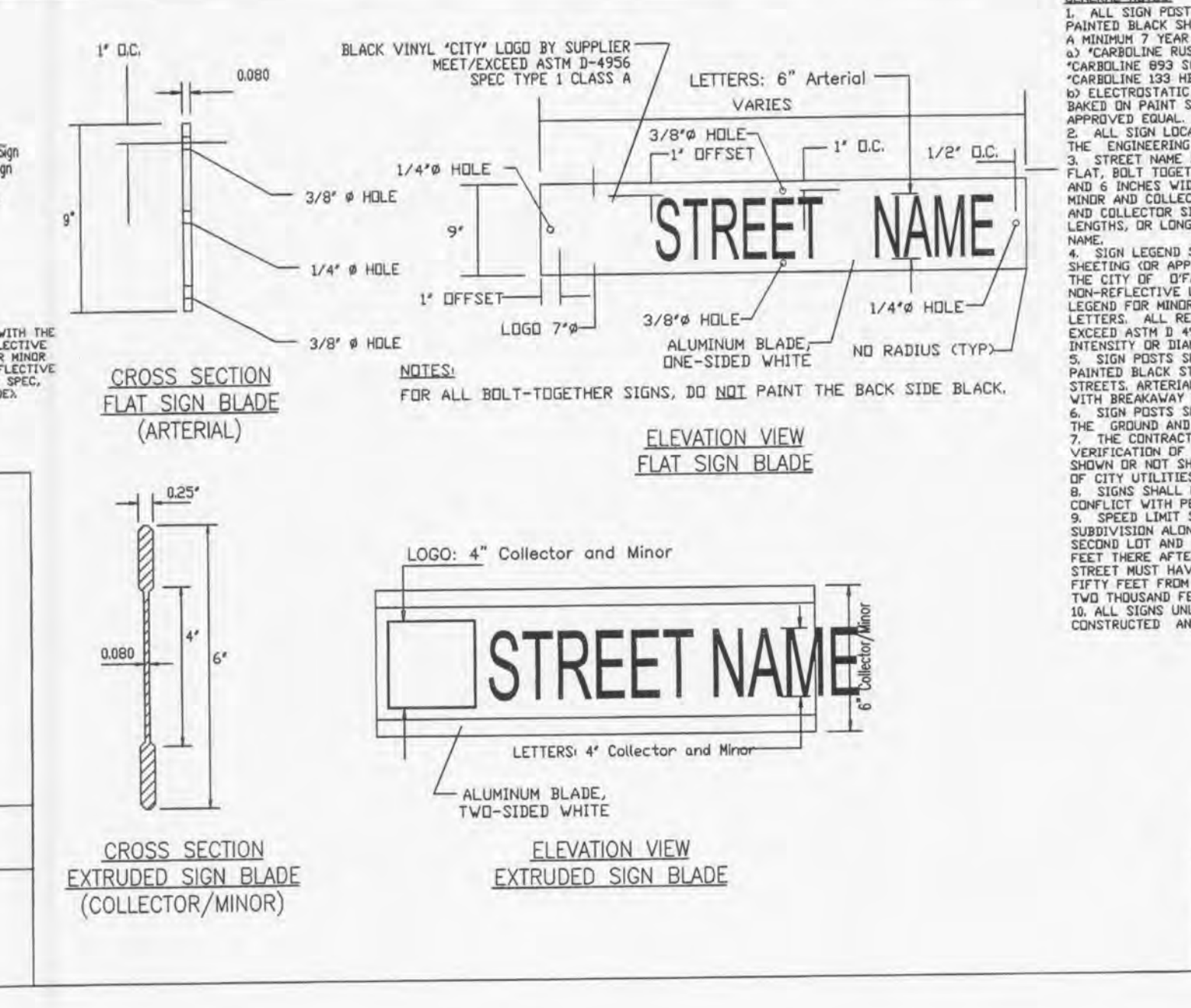


CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK
AND CURB RAMPS

GENERAL NOTES

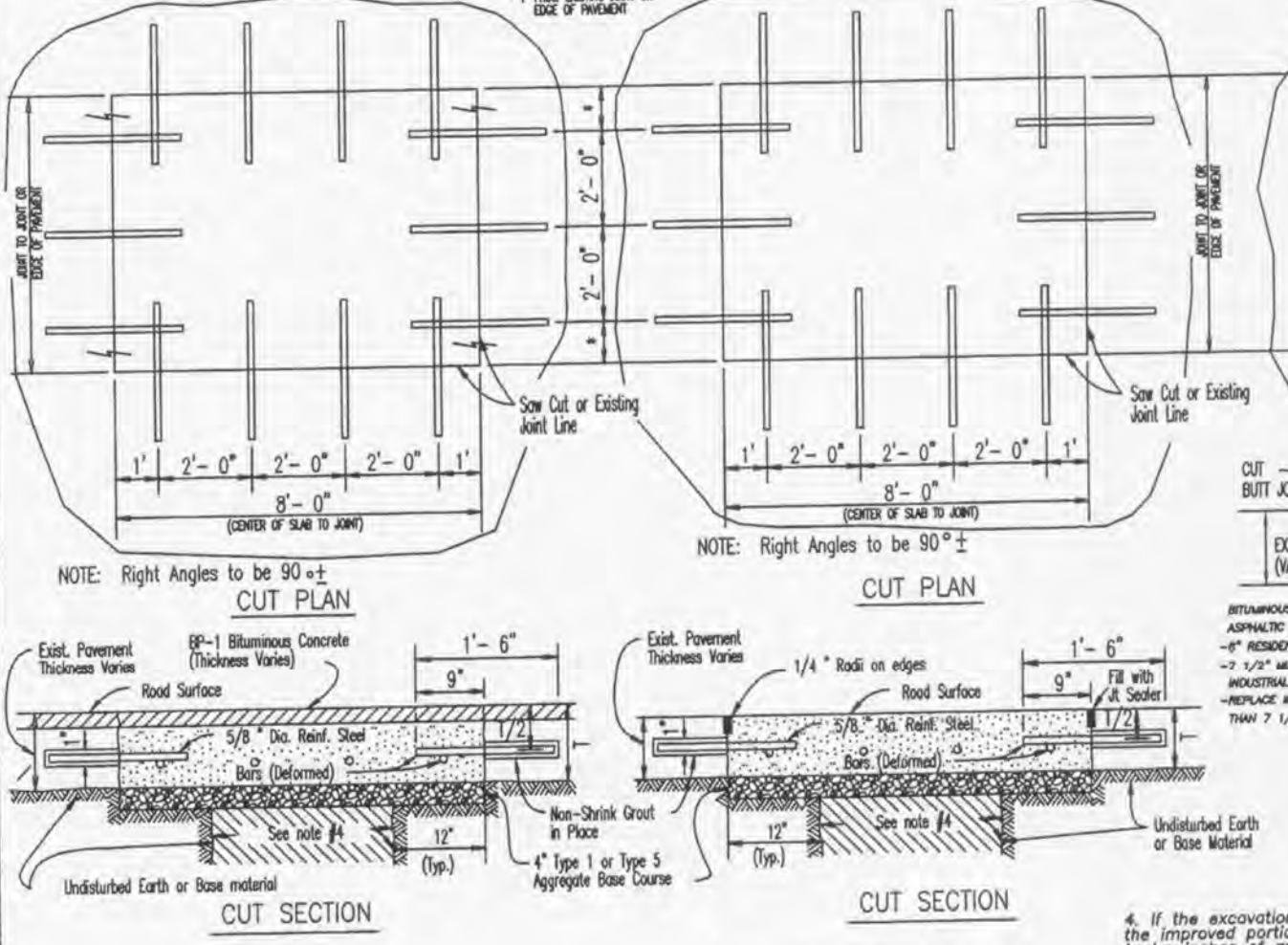
1. ALL SIGN POSTS AND BACK OF SIGNS THAT ARE TO BE PAINTED BLACK SHALL USE A PAINT SYSTEM THAT PROVIDES A MINIMUM 7 YEAR LIFE EXPECTANCY. (SEE LOGO)
2. CARBONLINE BUSHPOSS™ BACK AT 3-5 MILS THICK, CARBONLINE 890 87™ TOP COAT OR APPROVED EQUAL, OR CARBONLINE 120 87™ TOP COAT OR APPROVED EQUAL, OR CARBONLINE 120 87™ TOP COAT OR APPROVED EQUAL, OR BAKED ON PAINT SYSTEM AT 2-3 MILS THICKNESS OR APPROVED EQUAL.
3. ALL SIGN LETTERS AND SIZES MUST BE APPROVED BY THE CITY OF O'FALLON PRIOR TO INSTALLATION.
4. SIGN LEGENDS AND SIZES MUST BE APPROVED BY THE CITY OF O'FALLON PRIOR TO INSTALLATION.
5. SIGN POSTS SHALL BE HEAVY 1" CHANNEL OR LBS/170 HEAVY DUTY BUSHPOSS™ OR APPROVED EQUAL. ALL SIGN LEGENDS FOR MINOR AND COLLECTOR ROADS WITH 4 IN. SIGN LEGEND FOR MINOR AND COLLECTOR ROADS WITH 4 IN. SIGN LEGEND FOR ARTERIAL STREETS SHALL HAVE 2" SQUARE POSTS WITH BUSHPOSS™ ASSURED.
6. SIGN POSTS SHALL EXTEND A MINIMUM OF 36 INCHES IN THE GROUND AND 12' TO THE TOP.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF UNDERGROUND UTILITIES AND STRUCTURES. IF CITY UTILITIES ARE FOUND BY SIG-MET, SERVICES SHALL BE STOPPED AND APPROXIMATELY 100 FEET BEYOND THE INTERSECTION TO BE EXCAVATED AND RECONSTRUCTED TO PREVENT FUTURE CONFLICT WITH PEDESTRIAN TRAFFIC.
8. SIGN LEGENDS SHALL BE AT EVERY ENTRANCE TO A SUBDIVISION ALONG THE LOT LINE BETWEEN FIRST AND SECOND STREET AND APPROXIMATELY 100 FEET BEYOND THE INTERSECTION. ALSO, EVERY CONNECTING SIDE STREET MUST HAVE ONE SPEED LIMIT SIGN APPROXIMATELY FIFTY FEET FROM INTERSECTION AND APPROXIMATELY EVERY TWO THOUSAND FEET THEREAFTER.
9. ALL SIGN UNLESS OTHERWISE STATED, SHOULD BE CONSTRUCTED AND INSTALLED PER NOTES.



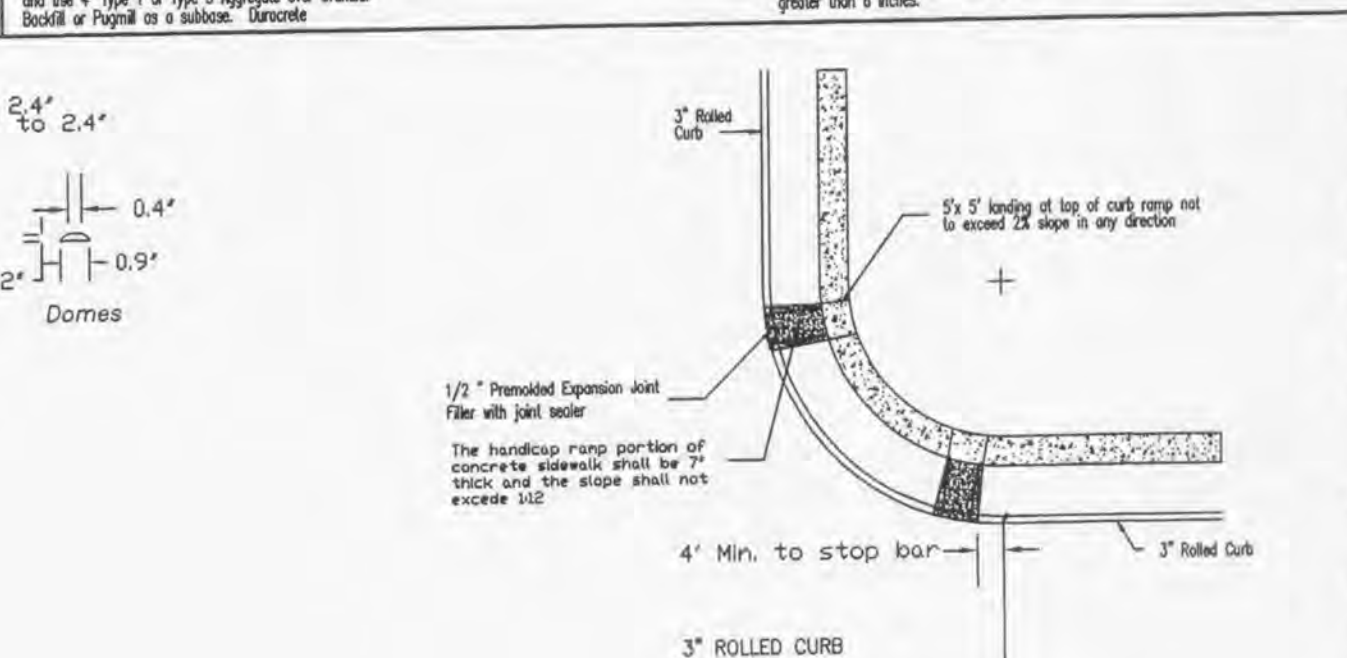
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

SIGNS,
DETAILS AND LOCATIONS

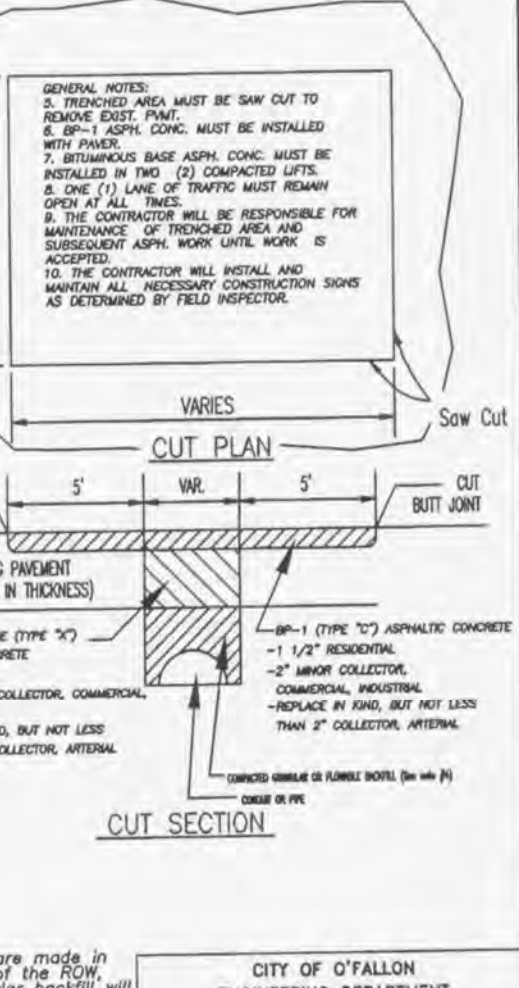
BITUMINOUS CONCRETE OVER CONCRETE PAVEMENT CUT



CONCRETE PAVEMENT CUT



BITUMINOUS CONCRETE PAVEMENT CUT



DETAILS OF TEMPORARY OPENINGS IN ROADWAY PAVEMENT

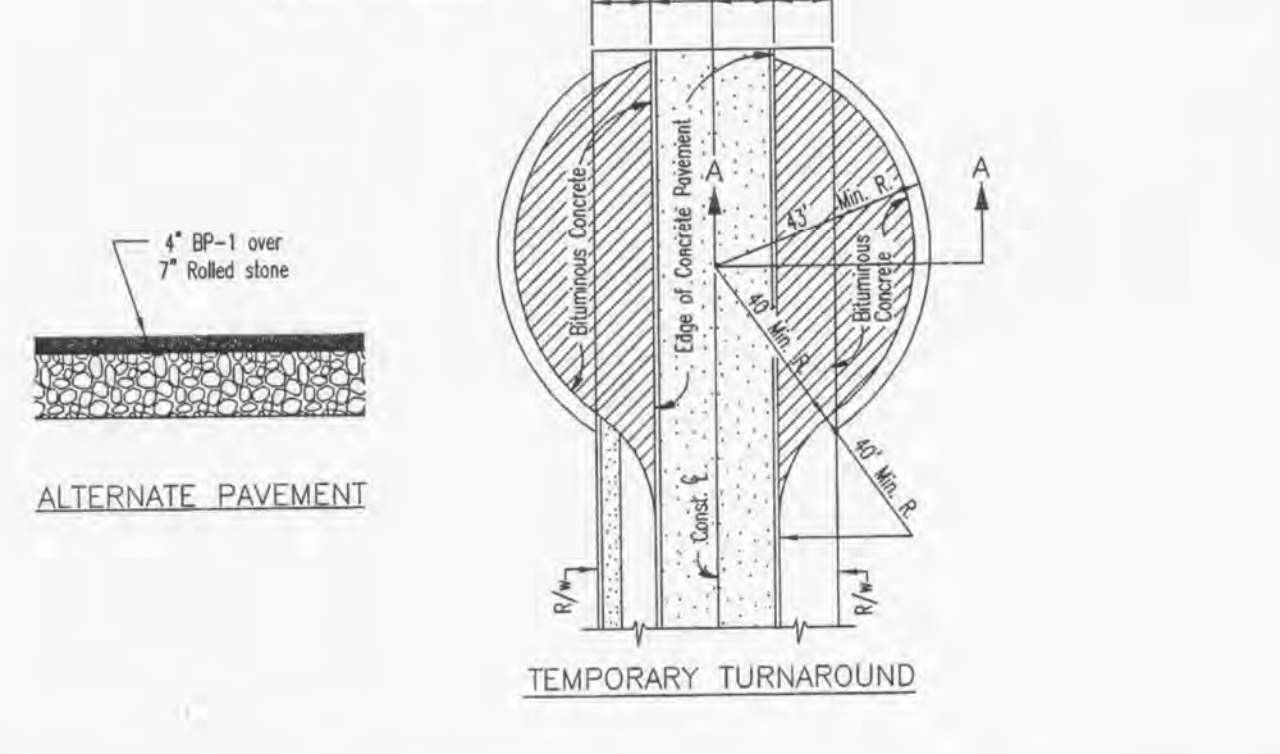
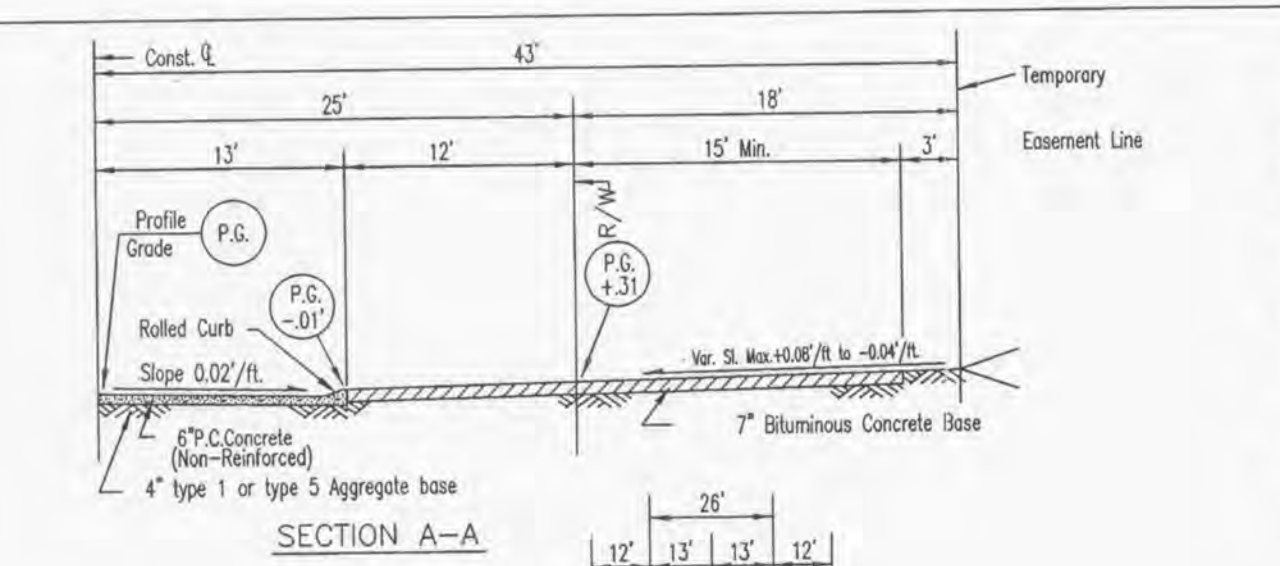
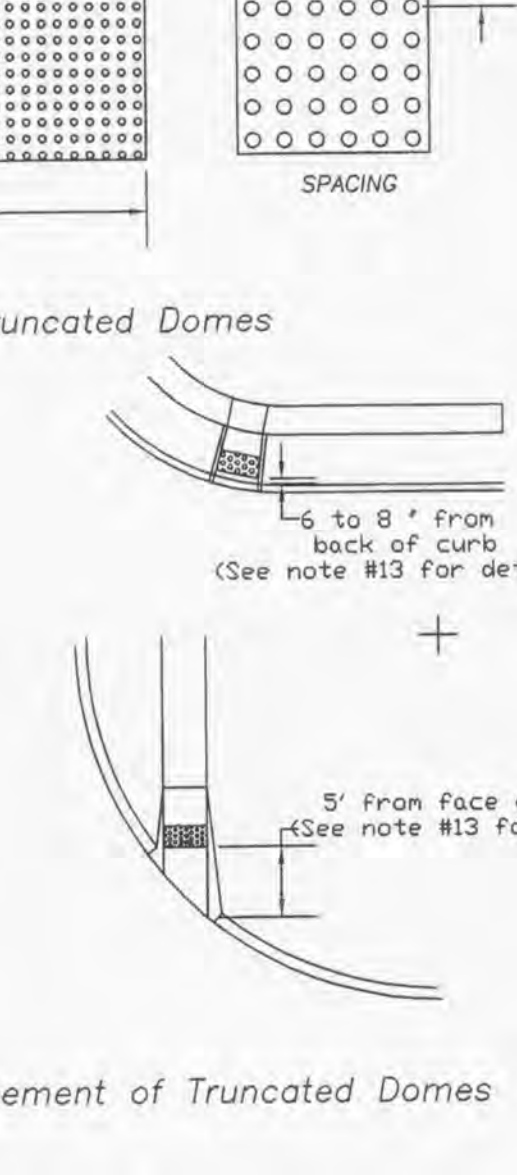


GENERAL NOTES

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 Curbs.
3. All necessary pavement markings shall be as required by City of O'Fallon.
4. For roadway cross slopes, pavement types and thicknesses refer to Standard Typical Sections.
5. Permits will not be issued for building construction on lots adjoining a temporary turnaround unless and until the turnaround is actually constructed.
6. The removal of the temporary turnaround 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 turnaround pavement radius of forty (40) feet, covered by a temporary turnaround easement to remain until the road is extended and platted. 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.

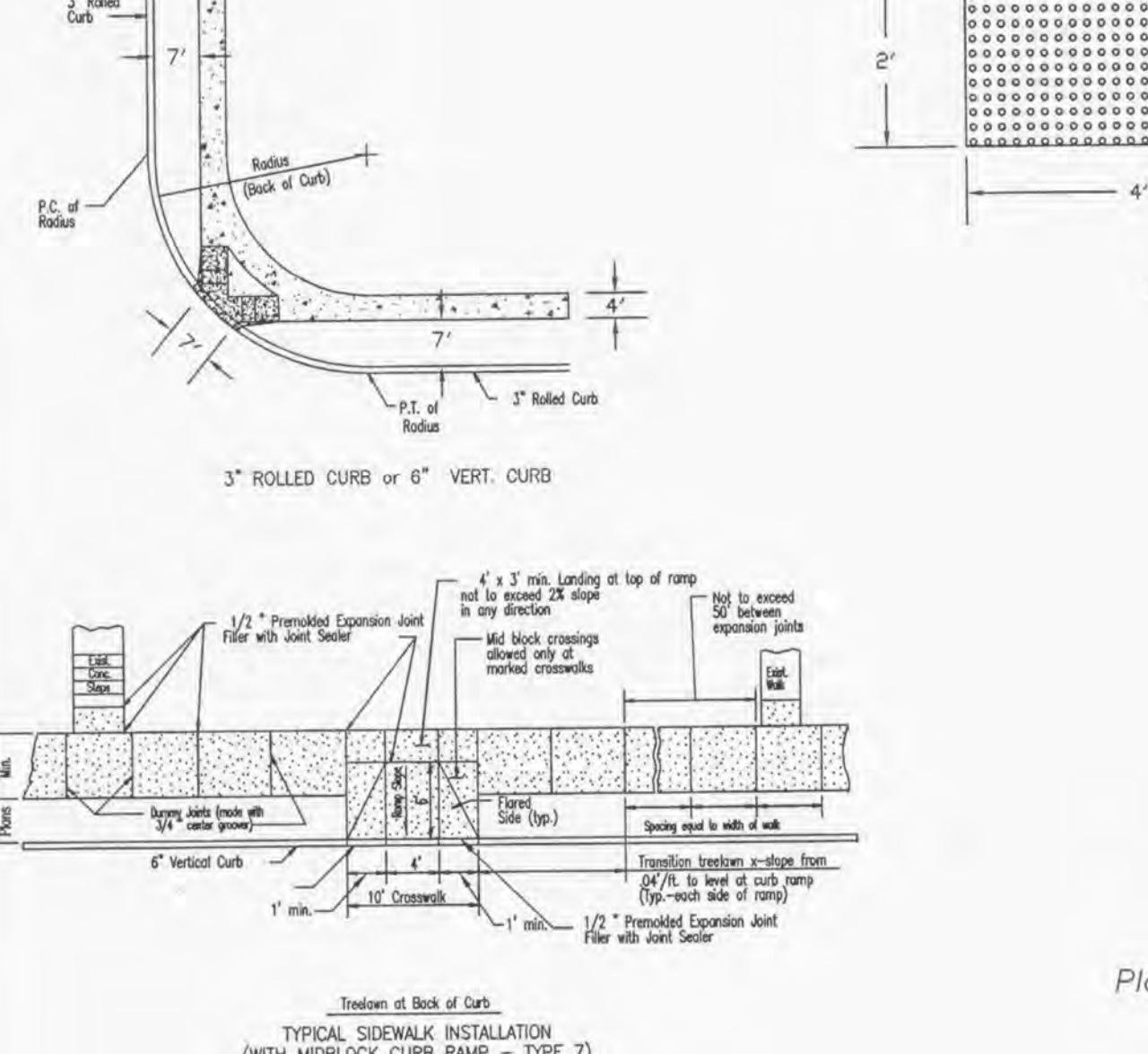
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS
RESIDENTIAL
TEMPORARY TURNAROUND



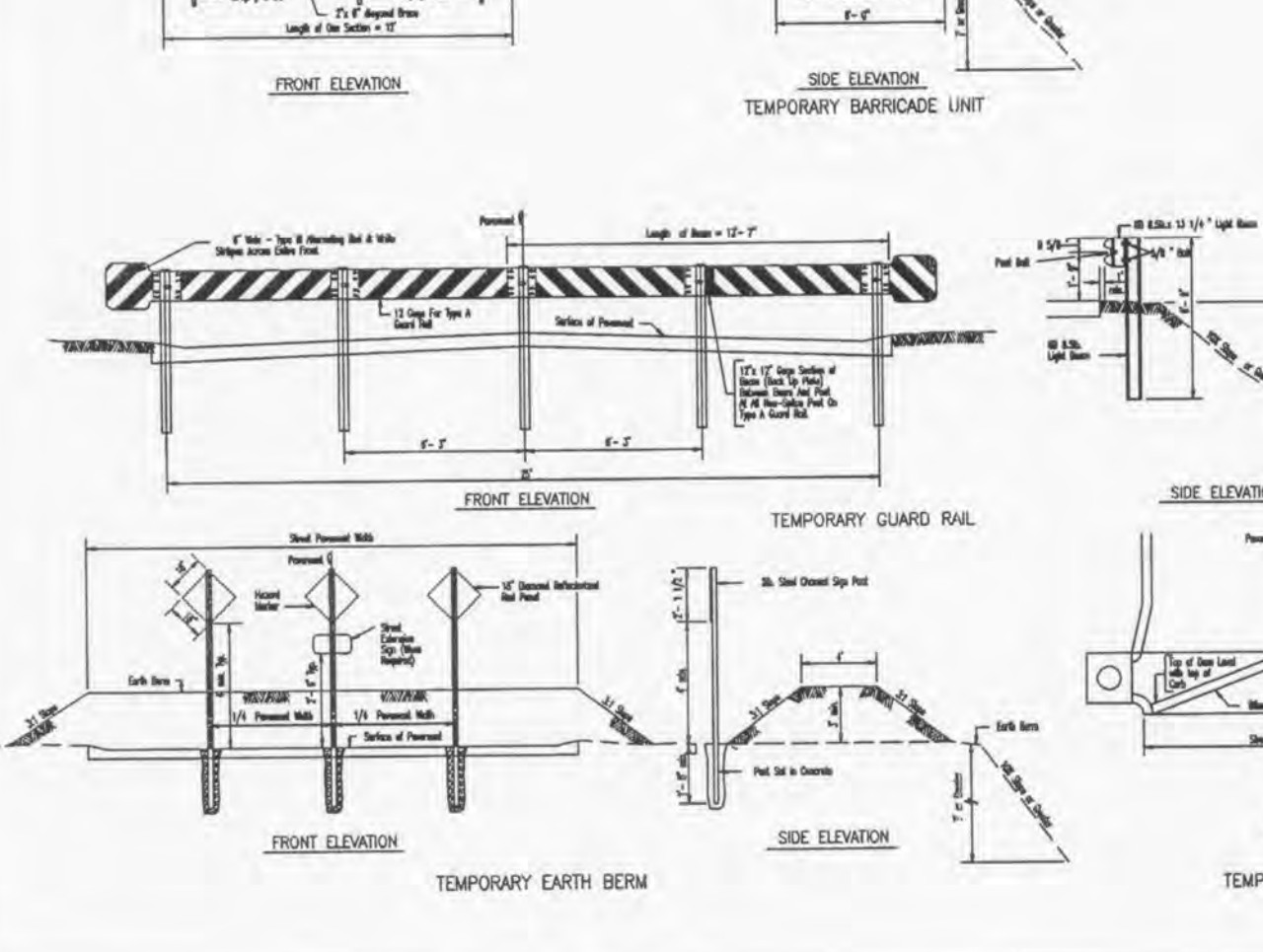
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS
RESIDENTIAL
TEMPORARY TURNAROUND



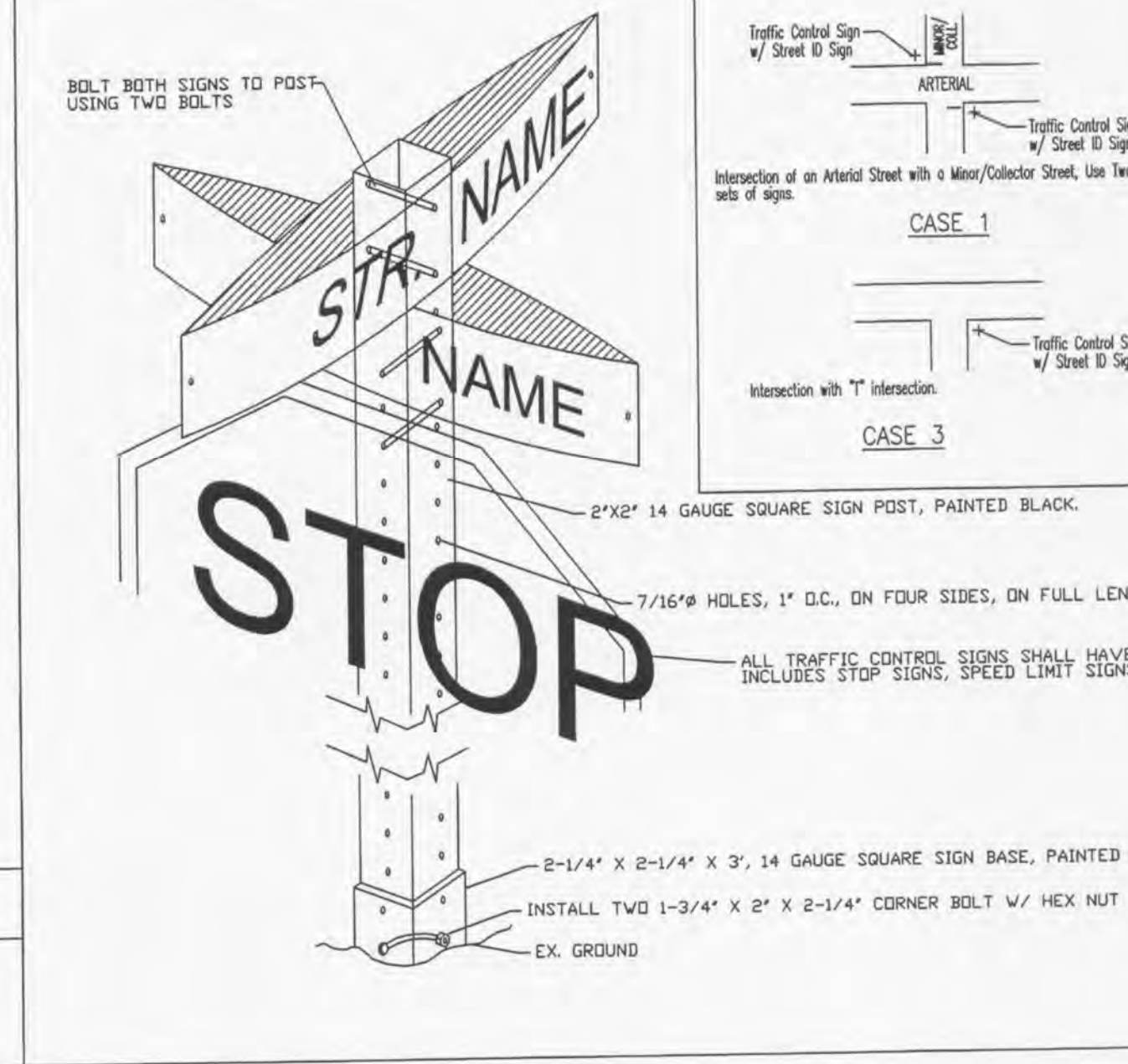
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK
AND CURB RAMPS



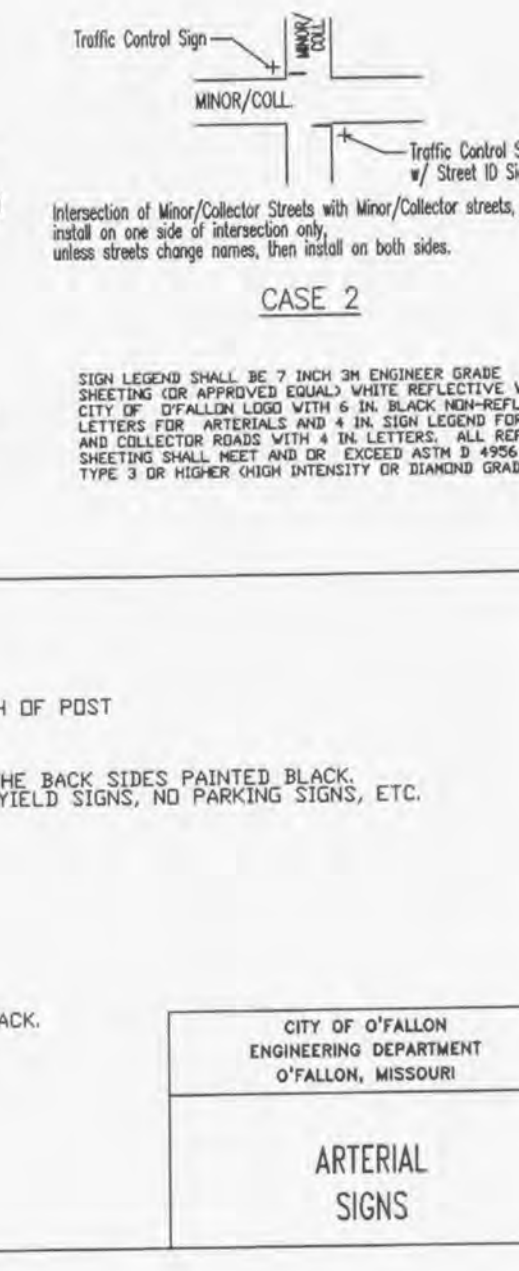
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

TREATMENT OF
TEMPORARY TERMINATIONS
OF ROADWAY PAVEMENT



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

ARTERIAL
SIGNS



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

ARTERIAL
SIGNS