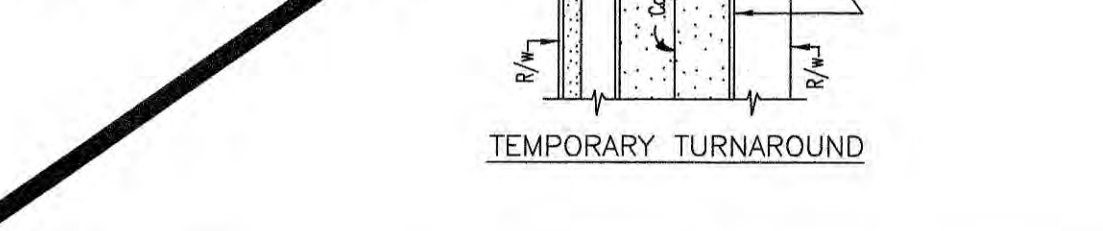


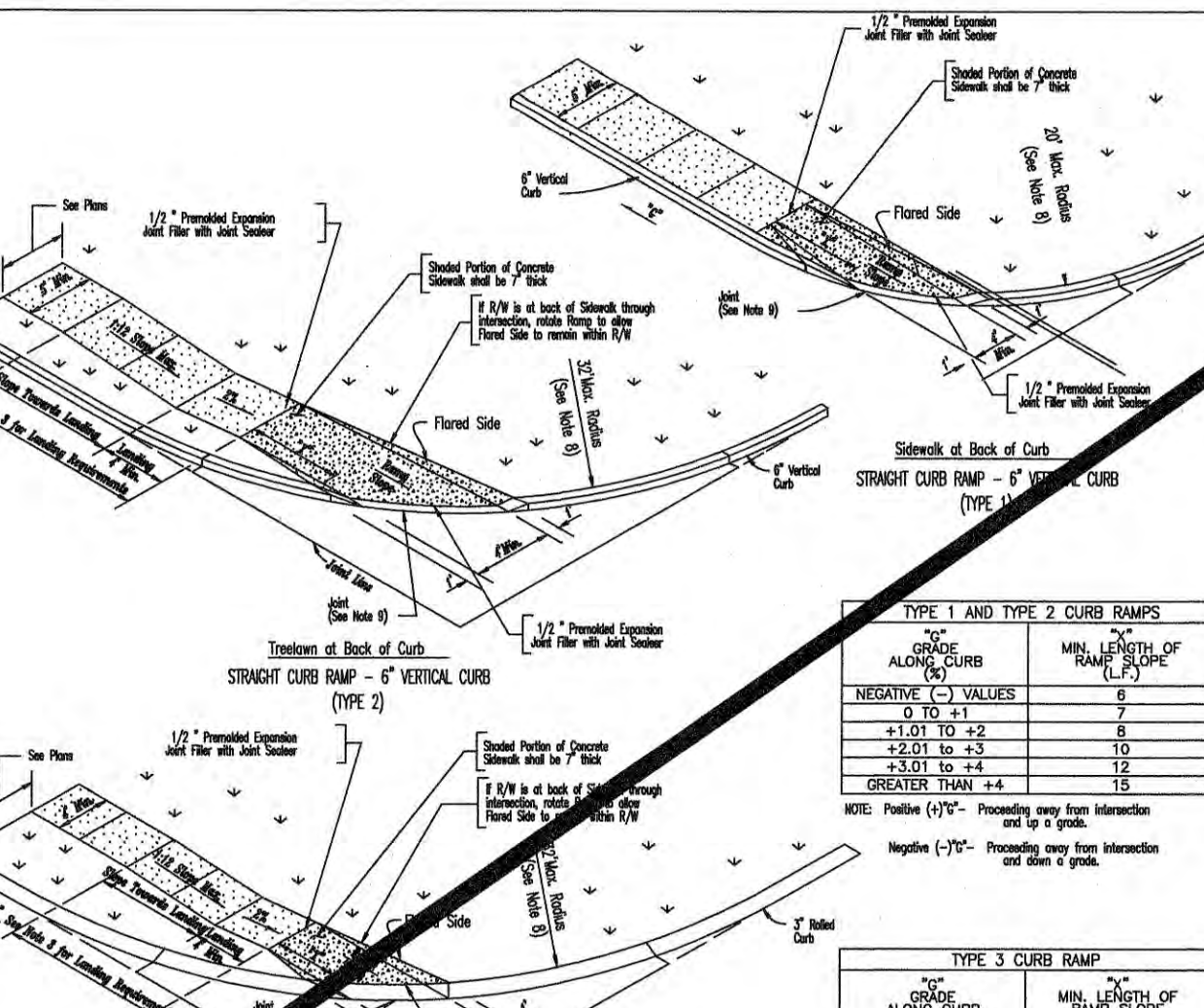
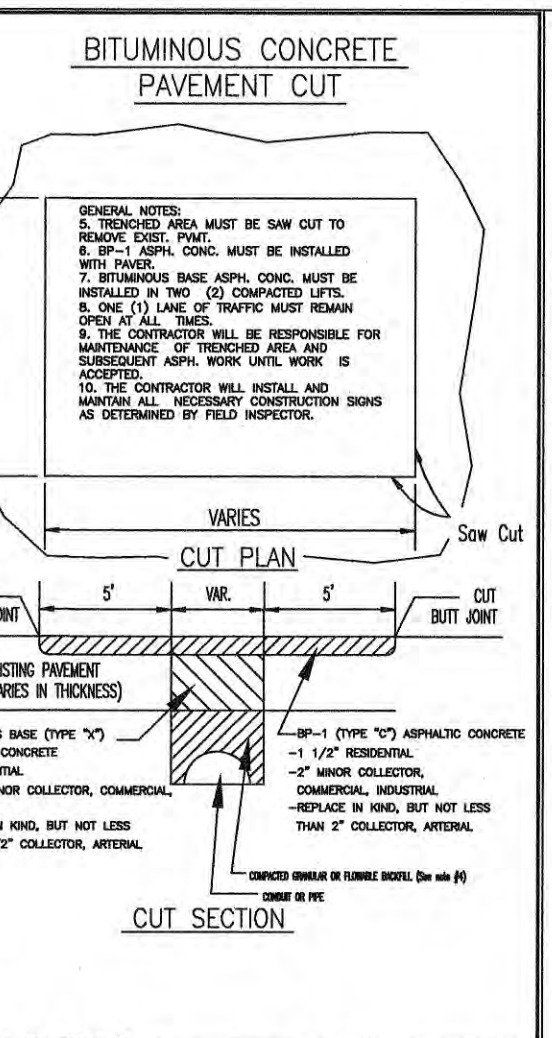
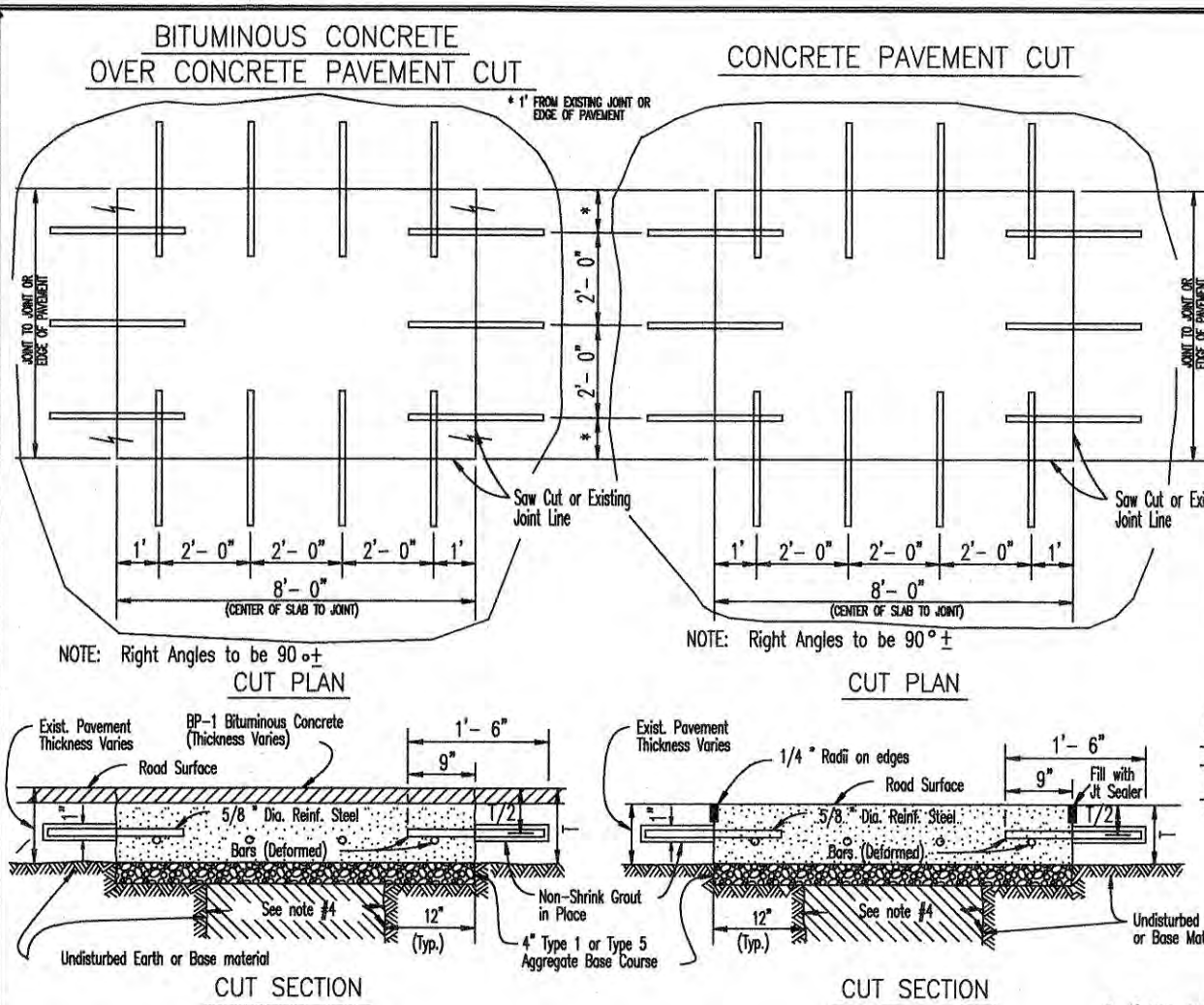
**GENERAL NOTES**

- Do not scale drawing. Follow dimensions.
- For longitudinal and transverse joints, dowel and tie bar requirements and dimensions not shown refer to Standard Construction Details for Joints and Curb.
- All necessary curb markings shall be as required by City of O'Fallon.
- For roadway cross slopes, pavement types and thicknesses refer to Standard Typical Sections.
- Permits will not be issued for building construction on lots abutting a temporary turnaround unless and until the turnaround is actually constructed.
- 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 that will be extending the street.
- Other temporary turn around types can be considered depending on type and dimensions.
- 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.



**RESIDENTIAL TEMPORARY TURNAROUND**

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



**GENERAL NOTES**

- Do not scale drawing. Follow dimensions.
- Sidewalk and sidewalk curb ramps shall be constructed in accordance with the details and the current approved Americans with Disabilities Act Accessibility Guidelines (ADAAG).
- Minimum sidewalk width along 6" vertical curb shall be 5 feet. Minimum sidewalk width along 3" rolled curb shall be 4 feet.
- Maximum sidewalk cross slope 0.02%/ft.
- All sidewalk segments shall be 4" thick, except where indicated as 7" thick by shaded portions on details.
- All sidewalk surfaces are curb ramps, regardless of thickness, and shall be paved to provide full depth curb ramps from outer point of curb taper to outer point of curb taper.
- Where curb ramp meets pavement, bullnose will not be permitted.
- If integral concrete curb is constructed, strike a dummy joint across bottom of ramp at curb line. If concrete curb is doweled-in, back but pavement to provide full depth curb ramp from outer point of curb taper to outer point of curb taper.
- For roadway cross slopes, pavement types, and thicknesses, refer to Standard Typical Sections.
- 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.
- All curb ramps shall have a detectable warning complying with Americans with Disabilities Act Accessibility Guidelines (ADAAG).

**GENERAL NOTES**

- If a permit is issued to replace the existing asphalt concrete pavement with full depth bituminous concrete pavement and concrete pavement is laid under the existing asphalt concrete pavement, the applicant will be required to follow the detail for Bituminous Concrete over Concrete Pavement Cut. The applicant will use density of equipment to replace the existing concrete and use 4" Type 1 or Type 5 Aggregate over Granular Subsoil or Paving as a subbase. Concrete shall be placed in a subbase. Concrete shall be placed in a subbase. Concrete shall be placed in a subbase.
- Minimum thickness for pavement prepared to be placed over existing pavement shall be as follows:
 

| Concrete Type   | Thickness (in) |
|---|----------------|
| RESIDENTIAL MIXER AND LOAD STRENGTH                           | 7              |
| RESIDENTIAL COLLECTOR, ALL CITIES AND NON-RESIDENTIAL STREETS | 7 1/2          |
| ALL CITIES AND NON-RESIDENTIAL STREETS                        | 8              |
| APPROXIMATE SIZE COURSE, SUBSOIL BASED AND BASE               | 12             |
- Minimum thickness for pavement prepared to be placed over existing pavement shall be as follows:
 

| Concrete Type   | Thickness (in) |
|---|----------------|
| RESIDENTIAL MIXER AND LOAD STRENGTH                           | 7              |
| RESIDENTIAL COLLECTOR, ALL CITIES AND NON-RESIDENTIAL STREETS | 7 1/2          |
| ALL CITIES AND NON-RESIDENTIAL STREETS                        | 8              |
| APPROXIMATE SIZE COURSE, SUBSOIL BASED AND BASE               | 12             |

**DETAILS OF TEMPORARY OPENINGS IN ROADWAY PAVEMENT**

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

**TYPE 1 AND TYPE 2 CURB RAMPS**

| MIN. LENGTH OF RAMP (L <sub>R</sub> ) | MIN. WIDTH OF RAMP (W <sub>R</sub> ) |
|---------------------------------------|--------------------------------------|
| 0 to +2                               | 3                                    |
| +2.01 to +3                           | 4                                    |
| +3.01 to +4                           | 5                                    |
| +4.01 to +5                           | 6                                    |
| +5.01 to +6                           | 7                                    |
| +6.01 to +7                           | 8                                    |
| +7.01 to +8                           | 9                                    |
| +8.01 to +9                           | 10                                   |
| +9.01 to +10                          | 11                                   |
| +10.01 to +11                         | 12                                   |
| +11.01 to +12                         | 13                                   |
| +12.01 to +13                         | 14                                   |
| +13.01 to +14                         | 15                                   |

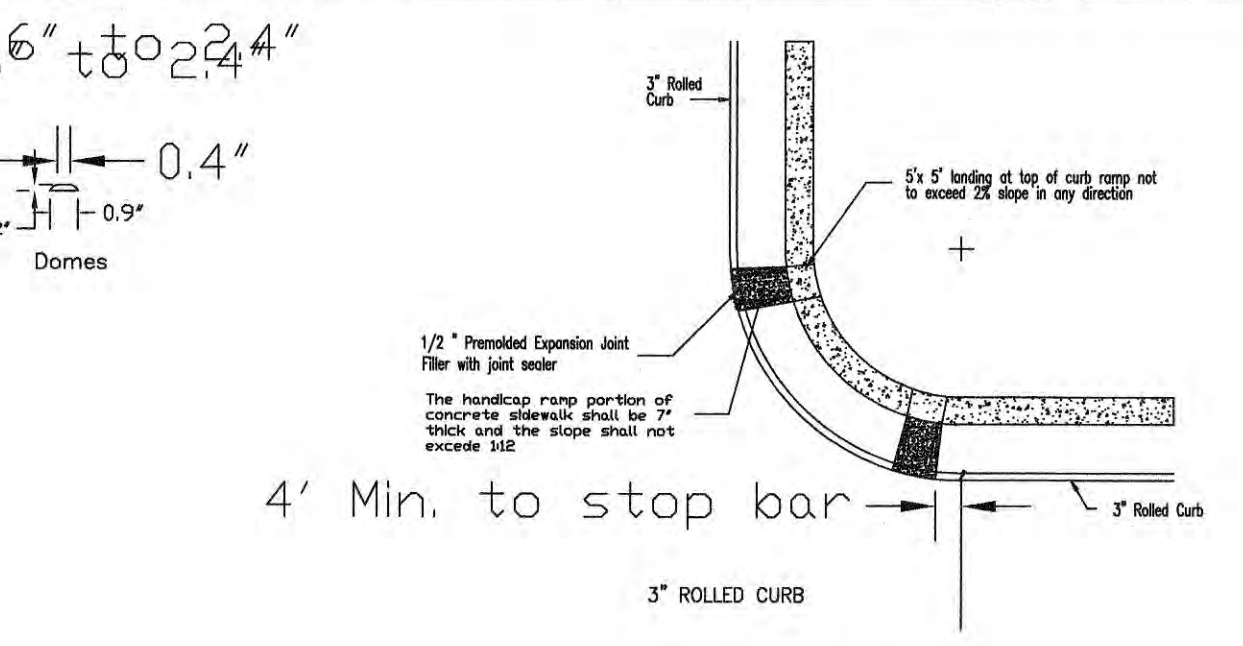
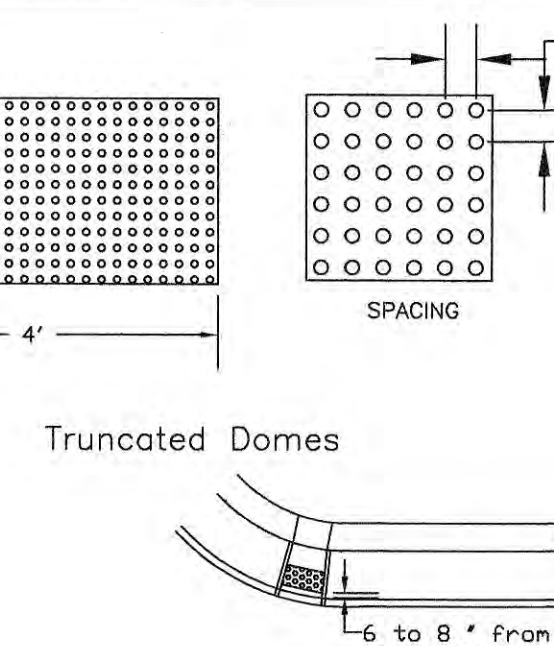
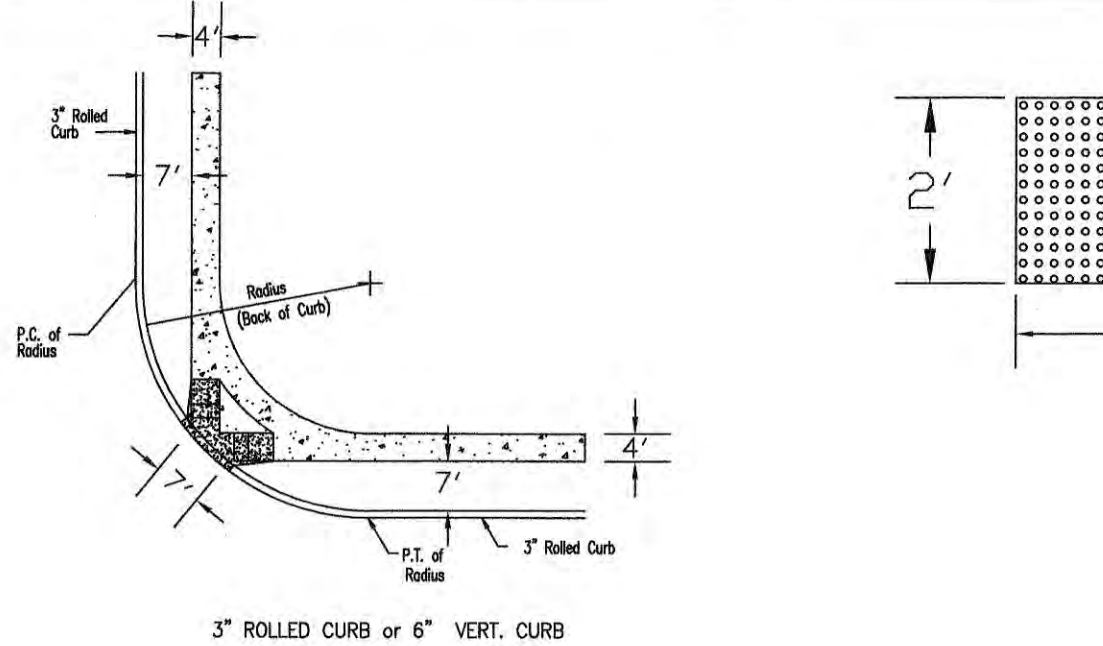
**TYPE 3 CURB RAMP**

| MIN. LENGTH OF RAMP (L <sub>R</sub> ) | MIN. WIDTH OF RAMP (W <sub>R</sub> ) |
|---------------------------------------|--------------------------------------|
| 0 to +2                               | 3                                    |
| +2.01 to +3                           | 4                                    |
| +3.01 to +4                           | 5                                    |
| +4.01 to +5                           | 6                                    |
| +5.01 to +6                           | 7                                    |
| +6.01 to +7                           | 8                                    |
| +7.01 to +8                           | 9                                    |
| +8.01 to +9                           | 10                                   |
| +9.01 to +10                          | 11                                   |
| +10.01 to +11                         | 12                                   |
| +11.01 to +12                         | 13                                   |
| +12.01 to +13                         | 14                                   |
| +13.01 to +14                         | 15                                   |

NOTE: Positive (+) - Proceeding away from intersection and to a grade.  
Negative (-) - Proceeding away from intersection and to a grade.

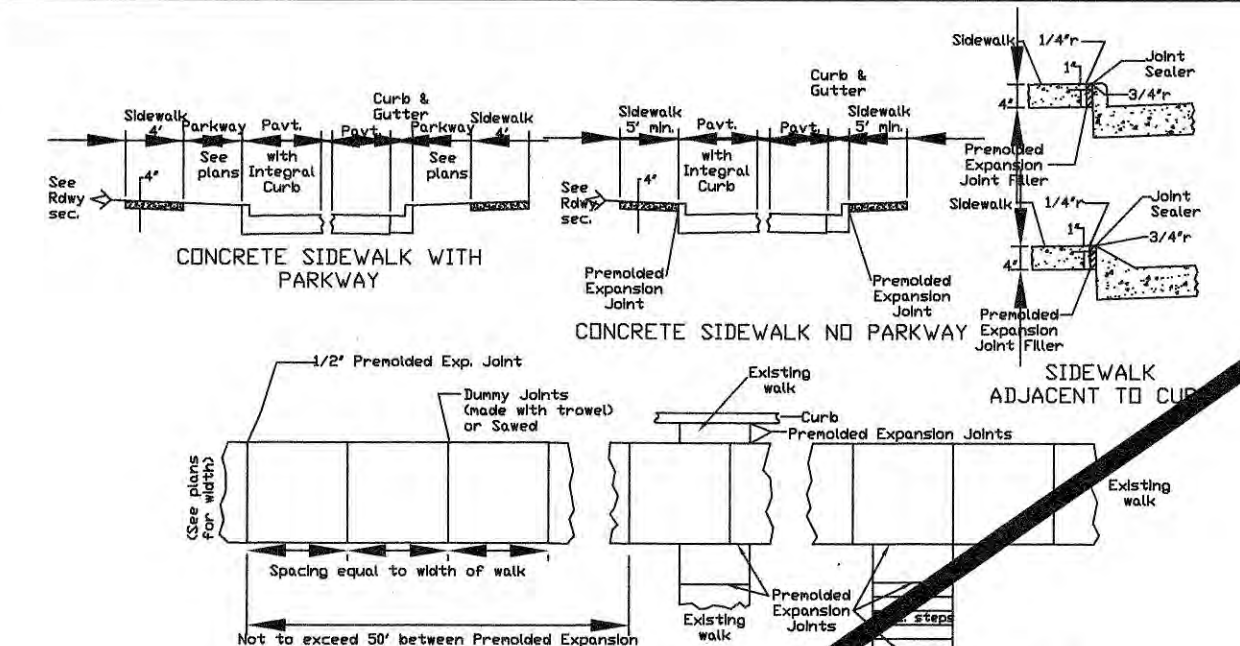
**CONCRETE SIDEWALK WITHIN CUL-DE-SACS**

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



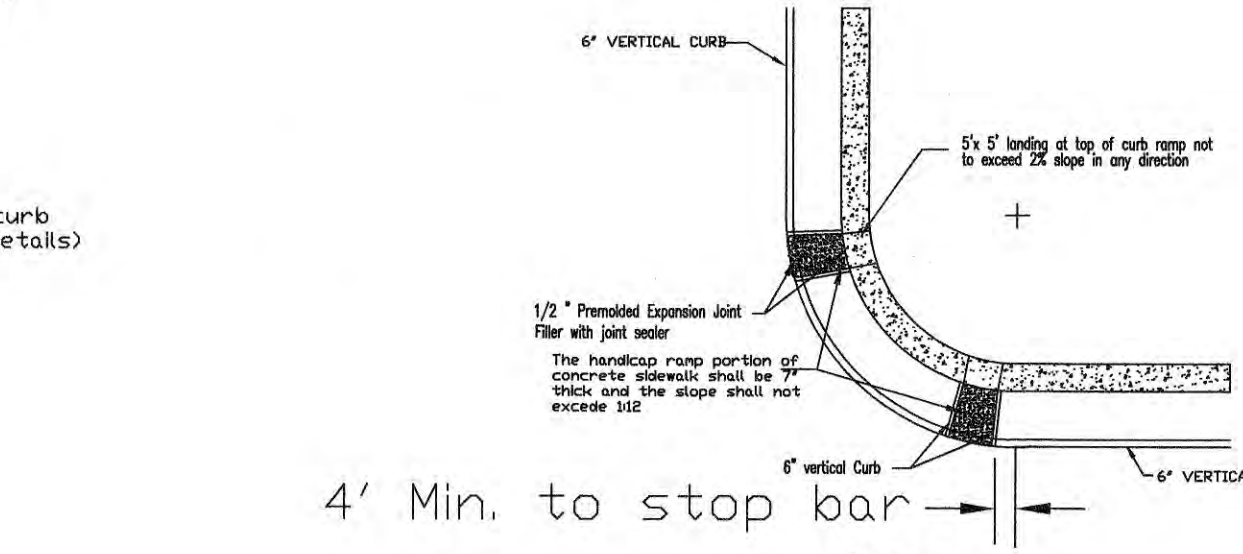
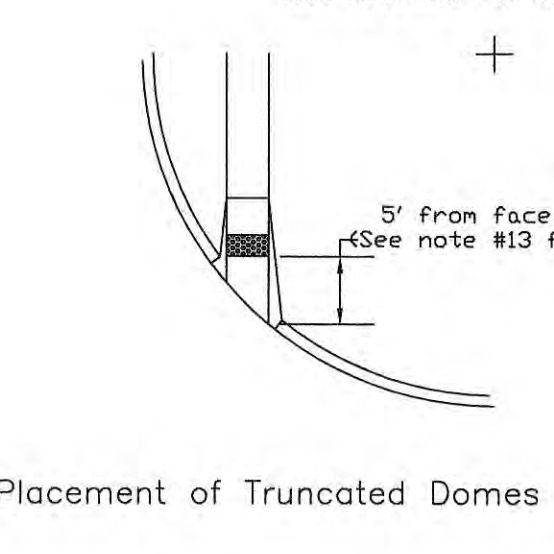
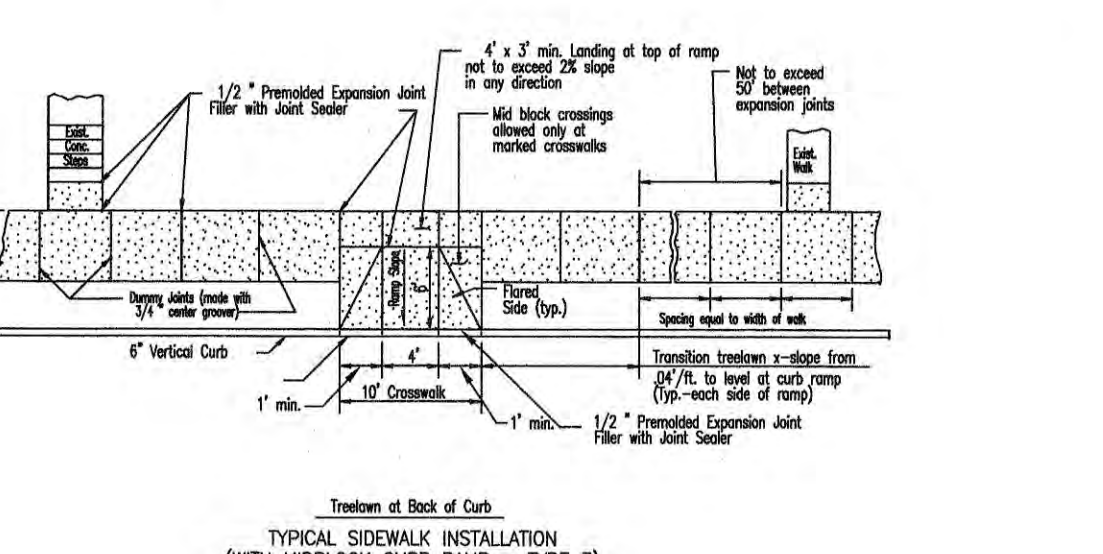
**GENERAL NOTES**

- Do not scale drawing. Follow dimensions.
- Sidewalk and sidewalk curb ramps shall be constructed in accordance with the details and the current approved Americans with Disabilities Act Accessibility Guidelines (ADAAG).
- Minimum sidewalk width along 6" vertical curb shall be 5 feet. Minimum sidewalk width along 3" rolled curb shall be 4 feet.
- Maximum sidewalk cross slope 0.02%/ft.
- All sidewalk segments shall be 4" thick, except where indicated as 7" thick by shaded portions on details.
- Where curb ramp meets pavement, bullnose will not be permitted.
- If integral concrete curb is constructed, strike a dummy joint across bottom of ramp at curb line. If concrete curb is doweled-in, back but pavement to provide full depth curb ramp from outer point of curb taper to outer point of curb taper.
- For pavement longitudinal and transverse joints and dowel and tie bar requirements and dimensions, refer to the Standard Construction Details for Joints and Curb.
- For roadway cross slopes, pavement types, and thicknesses, refer to Standard Typical Sections.
- 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.
- All curb ramps shall have a detectable warning complying with Americans with Disabilities Act Accessibility Guidelines (ADAAG).
- All truncated domes shall run parallel to the road that it's crossing.
- Truncated doming domes shall not be stamped and will be a ADA approved product.



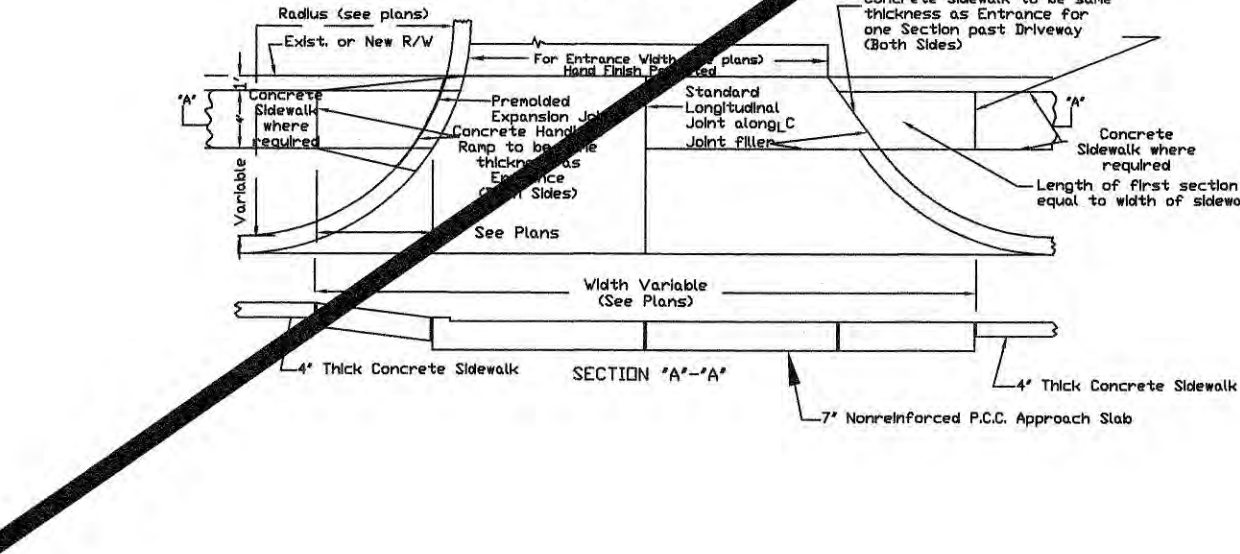
**GENERAL NOTES**

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



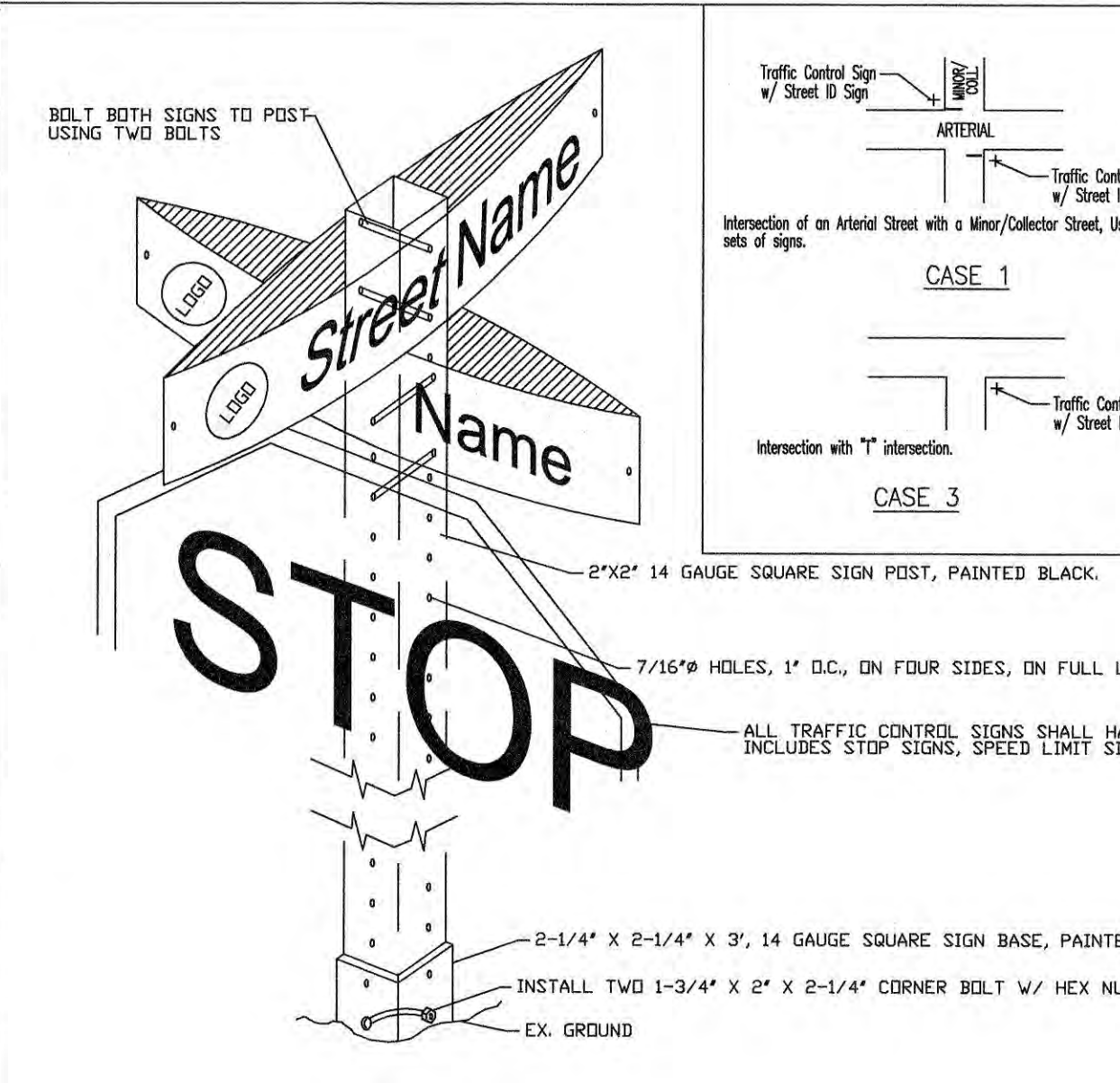
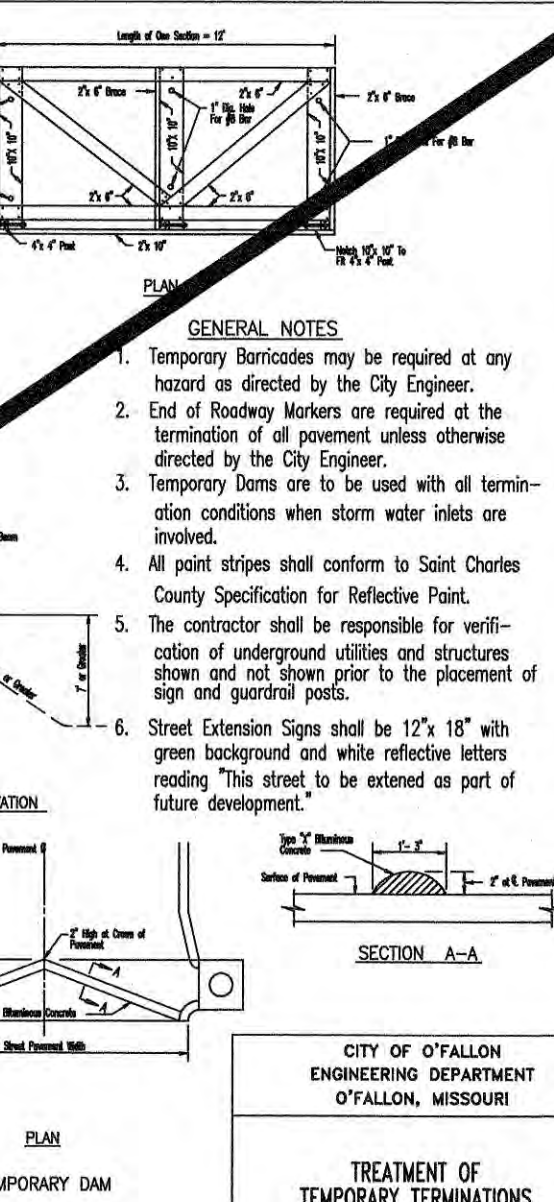
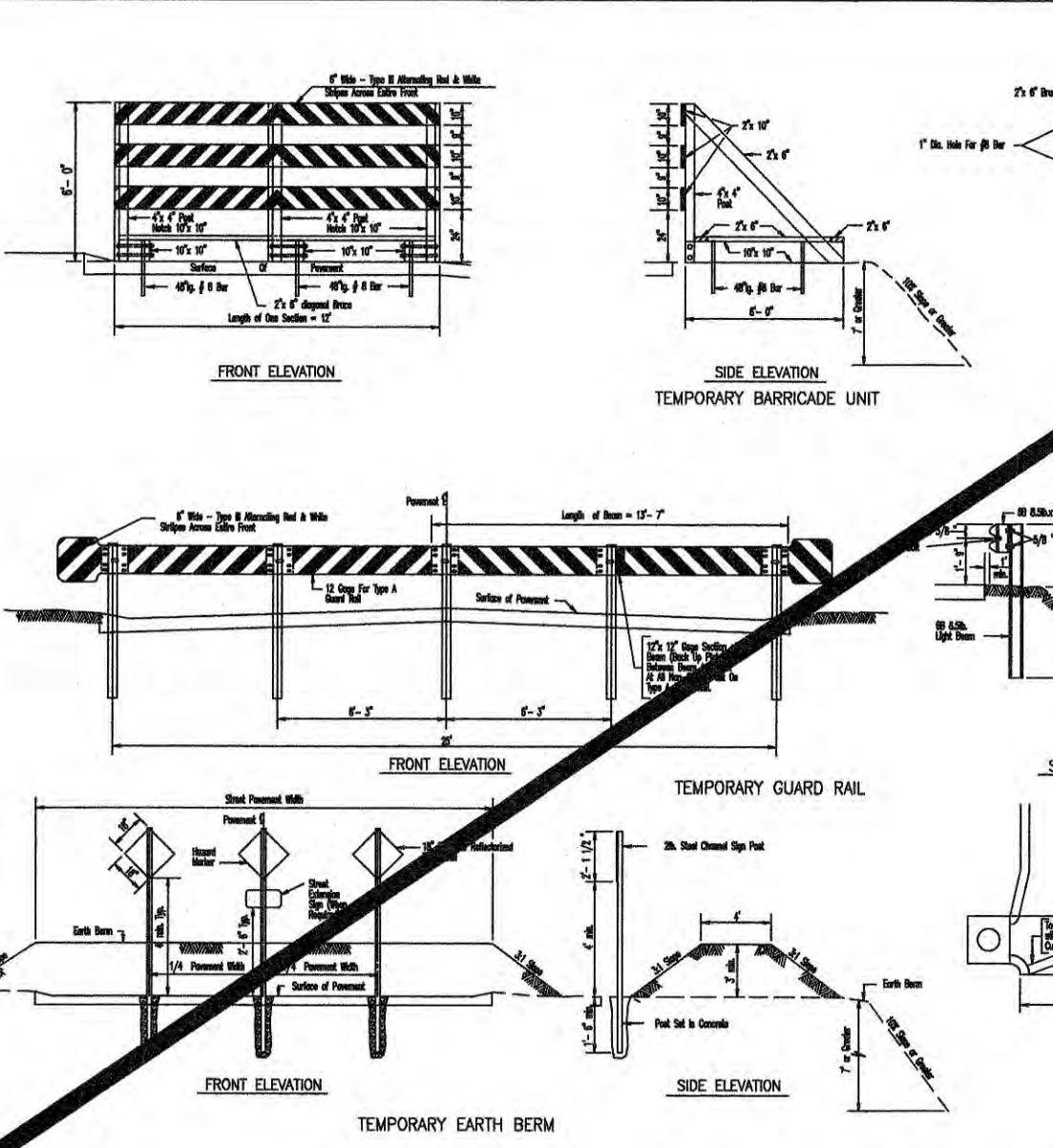
**PAVEMENT CONSTRUCTION DETAILS CONCRETE SIDEWALK AND CURB RAMPS**

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



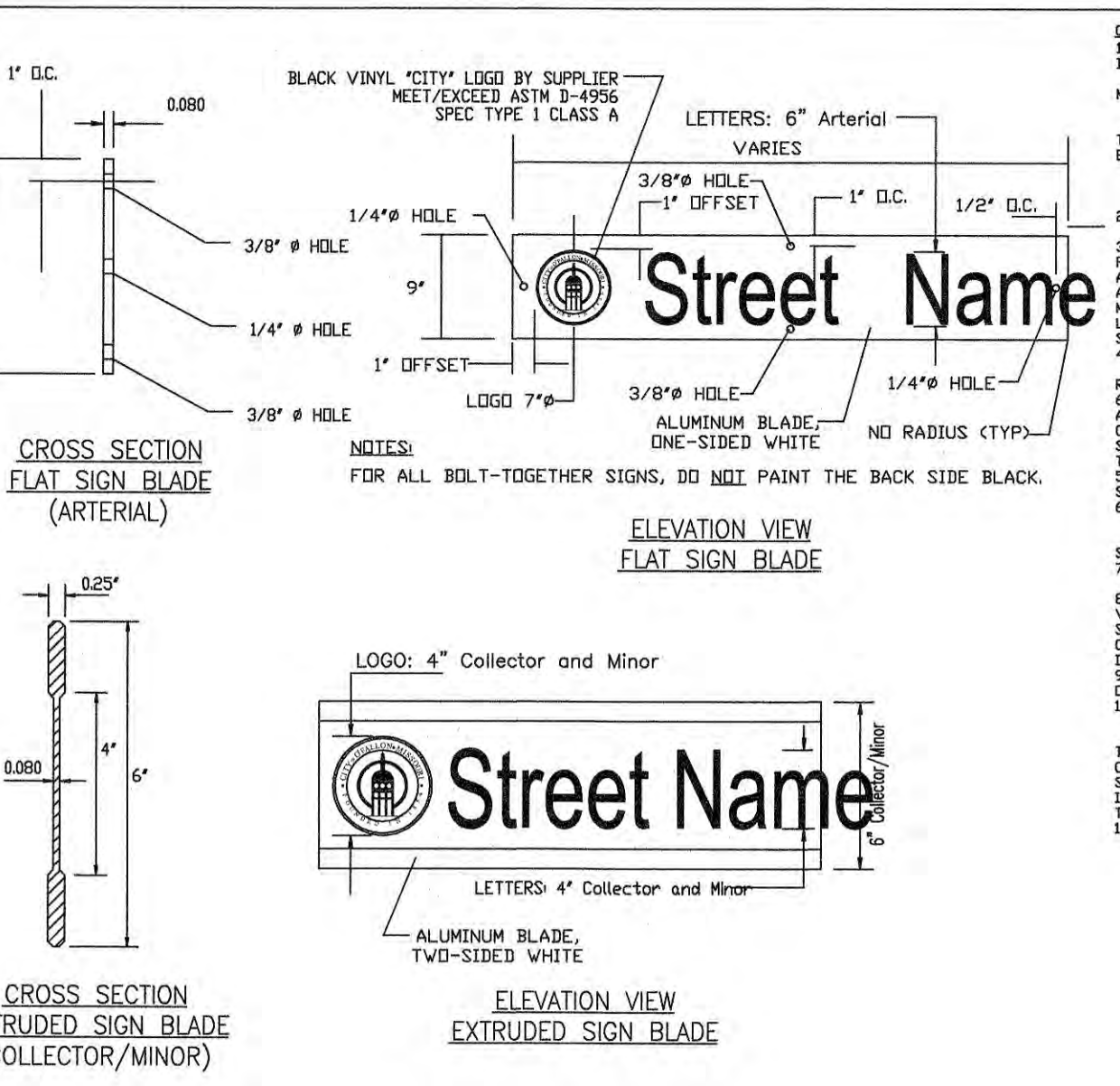
**CONCRETE SIDEWALK THROUGH COMMERCIAL ENTRANCES**

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



**GENERAL NOTES**

- Temporary Barricades may be required at any hazard as directed by the City Engineer.
- End of Roadway Markers are required at the termination of all pavement unless otherwise directed by the City Engineer.
- Temporary Domes are to be used with all termination conditions when storm water inlets are involved.
- All point stripes shall conform to Saint Charles County Specification for Reflective Paint.
- The contractor shall be responsible for verification of underground utilities and structures shown and not shown prior to the placement of sign and structural posts.
- Street Extension Signs shall be 12" x 18" with green background and white reflective letters reading "This street to be entered as part of future development".



**GENERAL NOTES**

- 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: "CARBONLINE RUSTPROOF" BASE AT 1-2 MILS THICK, "CARBONLINE 930" 50% MID-LAYER AT 3-5 MILS THICK, "CARBONLINE 130" TOP COAT OR APPROVED EQUAL.
- OR ELECTROSTATIC APPLIED, BLACK POWDER COATED AND BAKED BY FRUIT SYSTEM AT 2-3 MILS THICKNESS OR APPROVED EQUAL.
- ALL SIGN LOCATIONS AND SIZES MUST BE APPROVED BY THE ENGINEERING DIVISION PRIOR TO INSTALLATION.
- STREET NAME SIGN PLATES SHALL BE 9 INCHES WIDE, FLAT, BOLT TOGETHER FOR ANY ARTERIAL INTERSECTIONS AND 6 INCHES WIDE EXTENDED ALUMINUM PANELS FOR ALL MINOR AND COLLECTOR SIGNS. TYPICAL LENGTHS FOR MINOR AND COLLECTOR SIGNS SHALL BE 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120, 126, 132, 138, 144, 150, 156, 162, 168, 174, 180, 186, 192, 198, 204, 210, 216, 222, 228, 234, 240, 246, 252, 258, 264, 270, 276, 282, 288, 294, 300, 306, 312, 318, 324, 330, 336, 342, 348, 354, 360, 366, 372, 378, 384, 390, 396, 402, 408, 414, 420, 426, 432, 438, 444, 450, 456, 462, 468, 474, 480, 486, 492, 498, 504, 510, 516, 522, 528, 534, 540, 546, 552, 558, 564, 570, 576, 582, 588, 594, 600, 606, 612, 618, 624, 630, 636, 642, 648, 654, 660, 666, 672, 678, 684, 690, 696, 702, 708, 714, 720, 726, 732, 738, 744, 750, 756, 762, 768, 774, 780, 786, 792, 798, 804, 810, 816, 822, 828, 834, 840, 846, 852, 858, 864, 870, 876, 882, 888, 894, 900, 906, 912, 918, 924, 930, 936, 942, 948, 954, 960, 966, 972, 978, 984, 990, 996, 1002, 1008, 1014, 1020, 1026, 1032, 1038, 1044, 1050, 1056, 1062, 1068, 1074, 1080, 1086, 1092, 1098, 1104, 1110, 1116, 1122, 1128, 1134, 1140, 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