

- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
 - Sidewalks and sidewalk curb ramps shall be constructed in accordance with these 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 sections shall be 4" thick, except where indicated as 7" thick by shaded portions shown 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 dowel-on, block out pavement to provide full depth curb across 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 Pavement Construction Details for Joints and Curbs.
 - 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 ramps must line up with the corresponding ramp on the other side of the street or intersection.
 - All truncated domes shall run parallel to the road that it's crossing.
 - Truncated warning domes shall not be stamped and will be a ADA approved product.

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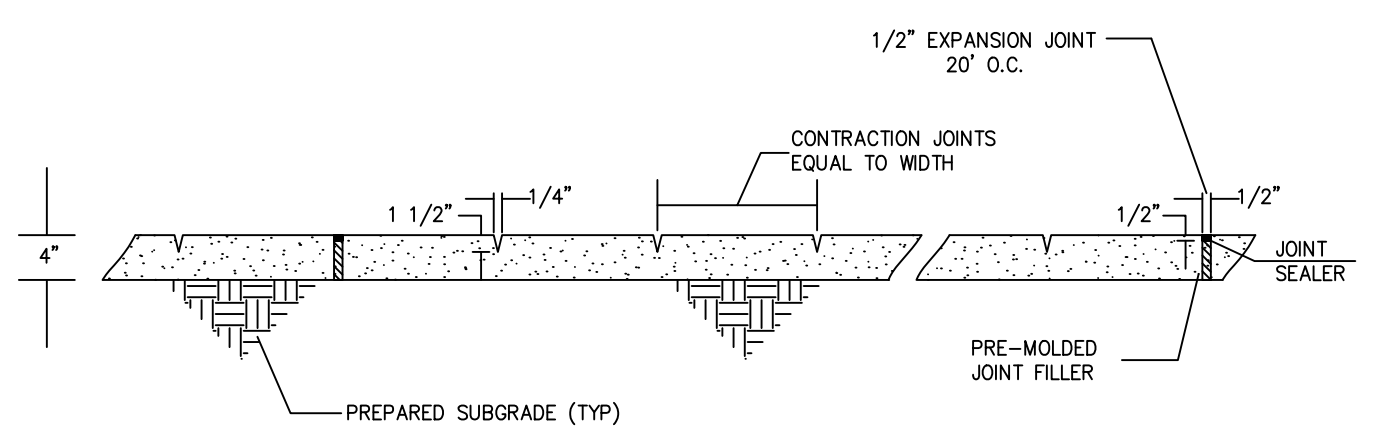
FALLON CASTING
ARCHITECTURAL INVESTMENT CASTINGS
10000 W. 11th St., Suite 100
Overland Park, MO 66213
Tel: 913.272.1717
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CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK
AND CURB RAMPS

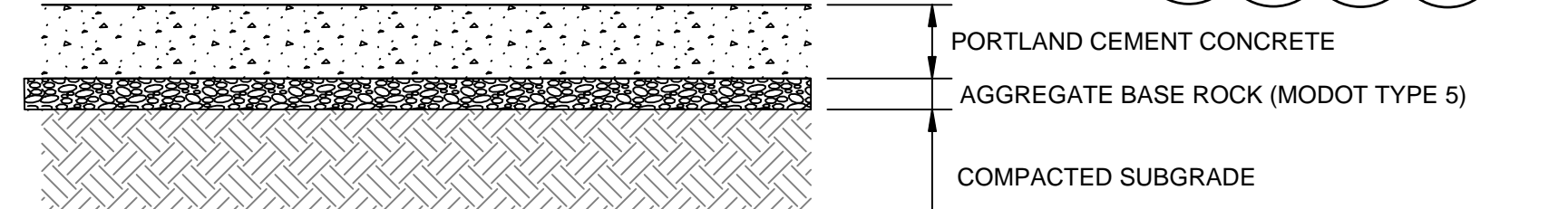
1232 Washington Ave.
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1 SIDEWALK AND CURB RAMP DETAIL
N.T.S.



2 SIDEWALK DETAIL
N.T.S.

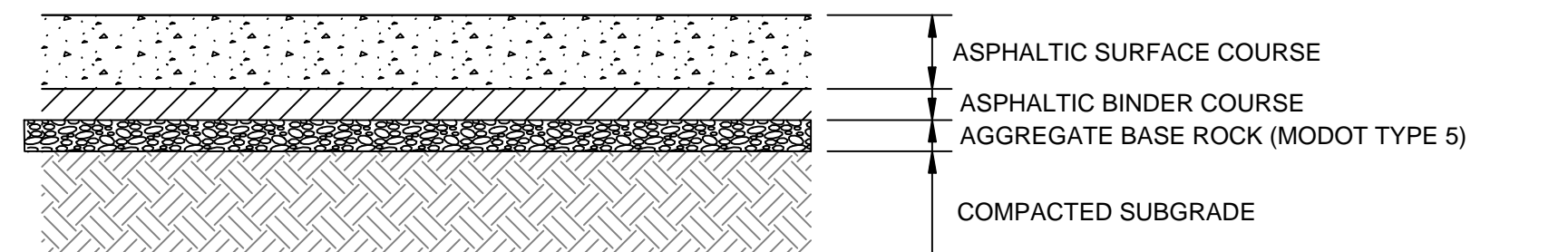
PAVEMENT MATERIALS	PAVEMENT THICKNESSES (INCHES)			
	CAR PARKING	DRIVEWAYS	DUMPSTER APRON	WITHIN MODOT R/W LIMITS
PORTLAND CEMENT CONCRETE	5	6	8	8
AGGREGATE BASE ROCK	4	4	4	4



- NOTE:**
- ALL NON-REINFORCED CONCRETE SHALL BE 4,000 PSI AT 28 DAYS.
 - THE PAVEMENT BASE SHALL BE COMPACTED TO 95% MODIFIED/100% STD. PROCTOR DENSITY

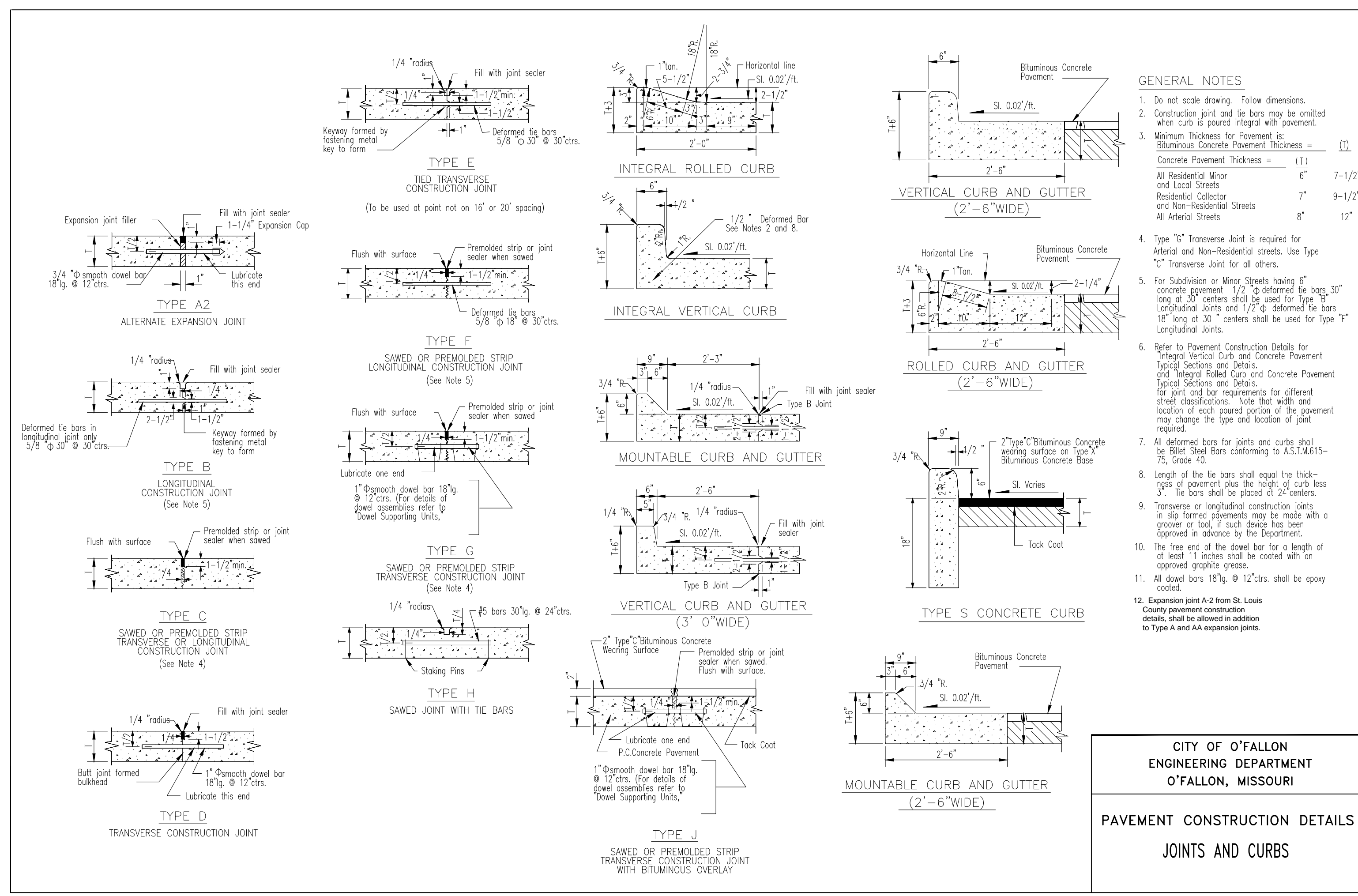
3 CONCRETE PAVEMENT SECTION
N.T.S.

PAVEMENT MATERIALS	PAVEMENT THICKNESSES (INCHES)	
	CAR PARKING	DRIVEWAYS
ASPHALTIC SURFACE COURSE	1 1/2	1 1/2
ASPHALTIC BINDER COURSE	2 1/2	3 1/2
AGGREGATE BASE ROCK	6	6



- NOTE:**
- THE ASPHALT SURFACE SHALL BE COMPACTED TO 98% MAXIMUM DENSITY.
 - THE PAVEMENT BASE SHALL BE COMPACTED TO 95% MODIFIED/100% STD. PROCTOR DENSITY

4 ASPHALT PAVEMENT SECTION
N.T.S.



- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
 - Construction joint and tie bars may be omitted when curb is poured integral with pavement.
 - Minimum Thickness for Pavement on Bituminous Concrete Pavement Thickness = (1) Concrete Pavement Thickness = (1) All Residential Minor and Local Streets 6" 7-1/2" Residential Collector and Non-Residential Streets 7" 9-1/2" All Arterial Streets 8" 12"
 - Type "C" Transverse Joint is required for Arterial and Non-Residential streets. Use Type "C" Transverse Joint for all others.
 - For Subdivision or Minor Streets having 6" concrete pavement, 1/2" diameter tie bars 30" long at 30" centers shall be used for Type "B" Longitudinal joints and 1/2" diameter tie bars 18" long at 30" centers shall be used for Type "F" Longitudinal joints.
 - Refer to Pavement Construction Details for Integral Vertical Curb and Concrete Pavement Typical Sections and Details, and Integral Rolled Curb and Concrete Pavement Typical Sections and Details. For joint and bar requirements for different street classifications. Note that width and location of each poured portion of the pavement may change the type and location of joint required.
 - All deformed bars for joints and curbs shall be steel tie bars conforming to A.S.T.M. A615-75, Grade 40.
 - Length of the tie bars shall equal the thickness of pavement plus the height of curb less tie bars shall be placed at 24" centers.
 - Transverse or longitudinal construction joints in sloped pavements may be made with a groover or tool, if such device has been approved in advance by the Department.
 - The free end of the dowel bar for a length of at least 11 inches shall be coated with an approved graphite grease.
 - All dowel bars 18" @ 12" ctrs. shall be epoxy coated.
 - Expansion joint A-2 from St. Louis County pavement construction details, shall be allowed in addition to Type A and AA expansion joints.

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

PAVEMENT CONSTRUCTION DETAILS
JOINTS AND CURBS

ADDITION & RENOVATION FOR
O'FALLON CASTING
600 CANNONBALL LANE OFALLON, MISSOURI 63366
CONSTRUCTION DETAILS

REVISIONS

NO.	DATE
3	08/10/2016

ISSUE DATE: MAY 26, 2016
PROJECT NO.: 15-187
DRAWN BY: GAS
CHECKED BY: TBS

SEAL

TODD B. SCHEIBE
NUMBER
E-24757

The Professional Engineer's signature appears on this page. It is the responsibility of the engineer to ensure that the design, construction, and maintenance of the project complies with all applicable laws, codes, and regulations. The engineer shall be held responsible for any errors or omissions on this project.

SHEET
C8.01