

ORDINANCE NO. 429 - 09

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF MURRIETA, CALIFORNIA,  
REPEALING ORDINANCES 198-98, 259-02, AND 319-05 AND ADOPTING THE CITY PUBLIC  
WORKS STANDARD DRAWINGS

The City Council of the City of Murrieta, California, does ordain as follows:

SECTION 1. For the purpose of establishing proper standards, specifications, and directions for design and construction of any road, or other land division improvements required to be constructed in the City of Murrieta, the document entitled "Standard Drawings" with cover page and table of contents attached as Exhibit "A" hereto and the complete documents incorporated herein by this reference is hereby adopted.

SECTION 2. City of Murrieta Ordinances 198-98, 259-02, and 319-05, which were previously adopted for the City of Murrieta, are hereby repealed, subject to their remaining applicability for purposes set forth in Section 5 below.

SECTION 3. The City Council authorizes and directs the Director of Public Works/City Engineer to prepare future changes to the Standard Drawings and present to City Council for approval by Resolution.

SECTION 4. SEVERABILITY. If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications, and as to this end, the provisions of this ordinance are declared to be severable.

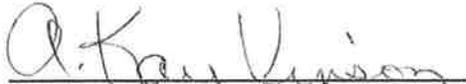
SECTION 5. EFFECTIVE DATE. This ordinance shall take effect and be enforced thirty (30) days following its adoption and shall apply to all projects that have not been submitted for plan check on the effective date of this ordinance. The standards of City of Murrieta Ordinances 198-98, 259-02, and 319-05 shall apply to all projects, which are in plan check on the effective date of this ordinance. "Plan Check" shall mean that the first set of engineering plans shall have been submitted to and accepted by the City Engineer for plan check, and all applicable fees have been paid.

SECTION 6. NOTICE OF ADOPTION. The City Clerk shall certify to the adoption of this ordinance and shall publish a summary of this ordinance and post a certified copy of the full ordinance in the office of the City Clerk at least five (5) days prior to the adoption of the proposed ordinance; and within fifteen (15) days after adoption of the ordinance, the City Clerk shall publish a summary of the ordinance with the names of the council members voting for and against the ordinance.

ADOPTED by the City Council, and signed by the Mayor, and attested by the City Clerk this 15<sup>th</sup>  
day of Dec., 2009.

  
Kelly Bennett, Mayor

ATTEST:

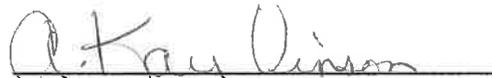
  
A. Kay Vinson, MMC, City Clerk

APPROVED AS TO FORM:

  
Leslie E. Devaney, City Attorney

I, A. Kay Vinson, City Clerk of the City of Murrieta, California, do hereby certify under penalty of perjury that the foregoing Ordinance was duly and regularly introduced at a meeting of the City Council on the 1<sup>st</sup> day of December, 2009 and that thereafter the said ordinance was duly and regularly adopted at a meeting of the City Council on the 15<sup>th</sup> day of December 2009, by the following roll call vote:

AYES: Bennett, Gibbs, Lane, McAllister, Thomasian  
NOES: None  
ABSENT: None  
ABSTAIN: None

  
City Clerk

(SEAL)

# CITY OF MURRIETA

Department of Public Works



## STANDARD DRAWINGS

Adopted by City Council  
Ordinance 429-09  
Effective January 14, 2010

A = ADDED  
 D = DELETED  
 M = MODIFIED  
 NC = NO CHANGE

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## 100 TYPICAL STREET SECTIONS

M	101	ARTERIAL HIGHWAY, 110' R/W
A	101a	MULTI-MODAL TRANSPORTATION CORRIDOR
M	102	URBAN ARTERIAL HIGHWAY
A	102a	COMMERCIAL CORRIDOR DESIGN
A	102b	COUNTY OF RIVERSIDE 6-LANE EXPRESSWAY
M	103	MAJOR HIGHWAY
M	104	SECONDARY HIGHWAY
M	105	COLLECTOR STREET
M	106	LOCAL STREET
M	107	SHORT LOCAL STREET
M	109	RESIDENTIAL RURAL ROAD
NC	110	[NOT USED]
M	111	INDUSTRIAL COMMERCIAL COLLECTOR STREET
NC	112	LOCAL MOUNTAIN RESIDENTIAL STREET
NC	113	ACCESS ROAD, RESTRICTED LOCAL STREET, OR MINOR INTERIOR STREET
NC	114	ARTERIAL (MOUNTAIN) HIGHWAY
M	115	LANDSCAPE MEDIAN TYPICAL SECTION
M	116	ROADWAY DESIGN REQUIREMENTS
M	117	LOCAL AND COLLECTOR STREET BRIDGE
M	118	SECONDARY HIGHWAY BRIDGE
M	119	MAJOR AND ARTERIAL HIGHWAY BRIDGE
M	120	ROADWAY STRUCTURAL SECTION REQUIREMENTS

## 200 GEOMETRICS

M	201	CUL-DE-SAC
M	202	OFFSET CUL-DE-SAC
M	203	STANDARD KNUCKLE
NC	204	[NOT USED]
NC	205	PRIVATE ROAD CONNECTION
M	206	PROPERTY LINE-CORNER CUT-BACK, CURB RETURN RADIUS
M	207a	CRITICAL INTERSECTION GEOMETRICS AUGMENTED URBAN ARTIERAL (150' R/W)
A	207b	CRITICAL INTERSECTION GEOMETRICS MULTI-MODAL TRANSPORTATION COORIDOR (134' R/W)
A	207c	CRITICAL INTERSECTION GEOMETRICS URBAN ARTERIAL (134' R/W)
A	207d	CRITICAL INTERSECTION GEOMETRICS ARTERIAL (110' R/W)
A	207e	CRITICAL INTERSECTION GEOMETRICS MAJOR (100' R/W)
A	207f	CRITICAL INTERSECTION GEOMETRICS SECONDARY (88' R/W)
M	208	FIRE HYDRANT LOCATION
M	209	FIRE HYDRANT LOCATION (ALTERNATE)
NC	210	[NOT USED]
M	211	UNDERGROUND UTILITY LOCATION
M	212a	UTILITY TRENCH BACKFILL AND SURFACE RESTORATION
M	212b	UTILITY TRENCH BACKFILL AND SURFACE RESTORATION
A	212c	UTILITY TRENCH BACKFILL AND SURFACE RESTORATION
M	213	LOCATION OF DRY UTILITY DUCTS AT STREET INTERSECTIONS
M	214	INTERSECTION SIGHT DISTANCE
NC	215	LEFT TURN IN ONLY MEDIAN OPENING
M	216	RAISED MEDIAN NOSE LOCATION
M	217	BUS TURNOUT
M	218a	EQUESTRIAN TRAIL EASEMENT ADJACENT TO PUBLIC STREET
A	218b	EQUESTRIAN TRAIL EASEMENT ADJACENT TO PUBLIC STREET

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## 300 CURBS, DRIVEWAYS AND ALLEYS

M	301	TYPE A-6 CURB
M	302	TYPE A-8 CURB
M	303	TYPE C CURB
M	304	TYPE D-1 CURB
M	305	TYPE D CURB
M	306	CURB AND GUTTER JOINTS
M	307	DRIVEWAY LOCATIONS AT INTERSECTION CURB RETURNS
M	308a	CONCRETE DRIVEWAY APPROACH
A	308b	CONCRETE DRIVEWAY APPROACH ALTERNATE
M	309	DRIVEWAY APPROACHES WITH AC DIKE
M	310a	COMMERCIAL DRIVEWAY ENTRANCE FOR ROW LARGER THAN 78'
D	310b	[NOT USED]
M	310c	COMMERCIAL DRIVEWAY ENTRANCE ALTERNATE
M	311	CROSS GUTTER LAYOUT
M	312	CROSS GUTTER (TYPICAL SECTION)
M	313a	SPECIAL CROSS GUTTER (STEEP GRADES)
NC	313b	SPECIAL CROSS GUTTER (STEEP GRADES)
NC	314	[NOT USED]
M	315	ASPHALT CONCRETE DIKES
NC	316	CURB TRANSITION
D	317	[NOT USED]
M	318	CROSS GUTTER WITH SPLASH AREA
M	319a	SIDEWALK, FIRE HYDRANT AND UTILITY POLE LOCATION (SIDEWALK AT CURB)
A	319b	SIDEWALK, FIRE HYDRANT AND UTILITY POLE LOCATION (SIDEWALK AT R/W)
M	320	SIDEWALK AND CURB
M	321a	ACCESS RAMP FOR ALL INTERSECTIONS
M	321b	ACCESS RAMP FOR ALL INTERSECTIONS

## 400 DRAINAGE

M	401	CURB INLET CATCH BASIN
M	402	CURB INLET CATCH BASIN SPECIFICATIONS
NC	403a	COMBINATION INLET CATCH BASIN NO. 1
M	403b	COMBINATION INLET CATCH BASIN NO. 1
M	404	COMBINATION INLET CATCH BASIN NO. 2
M	405	COMBINATION INLET CATCH BASIN SPECIFICATIONS
NC	406a	MISCELLANEOUS CURB INLET DETAILS AND NOTES
NC	406b	MISCELLANEOUS CURB INLET DETAILS AND NOTES
NC	406c	MISCELLANEOUS CURB INLET DETAILS AND NOTES
NC	407a	MISCELLANEOUS CURB INLET DETAILS AND NOTES
NC	407b	MISCELLANEOUS CURB INLET DETAILS AND NOTES
NC	407c	MISCELLANEOUS CURB INLET DETAILS AND NOTES
NC	407d	MISCELLANEOUS INLET DETAILS AND NOTES
D	408	[NOT USED]
NC	409a	PARKWAY CULVERT - TYPE A
NC	409b	PARKWAY CULVERT - TYPE B
M	409c	PARKWAY CULVERT - TYPE C
NC	409d	PARKWAY CULVERT DETAILS AND NOTES
A	409e	PARKWAY CULVERT - TYPE D
NC	410	[NOT USED]
NC	411	[NOT USED]
NC	412	[NOT USED]

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## 400 DRAINAGE, CONT.

NC	413a	HILLSIDE LOT DRAINAGE
NC	413b	COMMON SIDEYARD DRAINAGE
M	413c	COMMON SIDEYARD DRAINAGE
NC	414	[NOT USED]
M	415a	TERRACE DRAIN
M	415b	DOWN DRAIN
NC	415c	TERRACE DRAIN AND DOWN DRAIN INTERSECTION
NC	416	BROW DITCH DEBRIS RACK
NC	417	[NOT USED]
NC	418	BENCHING FOR COMPACTED FILL
NC	419	CANYON SUBDRAIN
NC	420	CULVERT DEBRIS WALL
NC	421	CHANNEL WEEPHOLES
NC	422a	PIPE ENTRANCE TO EARTH CHANNEL
NC	422b	PIPE ENTRANCE TO EARTH CHANNEL
D	423	[NOT USED]
M	424	GUTTER DEPRESSION FOR GRATE OPENING CATCH BASIN
M	425	GUTTER DEPRESSION FOR CURB OPENING CATCH BASIN
M	425b	GUTTER DEPRESSION TYPE A, ADJACENT TO DRIVEWAY
NC	426	PRIVATE DRAIN THROUGH CURB
NC	427	GRATE AND FRAME DETAIL
M	428a	MANHOLE COVER AND FRAME FOR CATCH BASINS
M	428b	MANHOLE COVER AND FRAME FOR CATCH BASINS
NC	429	STREET DESILTING BASIN VEHICLE ACCESS RAMP
NC	430	TEMPORARY DRAINAGE INLET
NC	431	DOWNDRAIN AND PIPE TRANSITION
M	432	INTERCEPTOR DRAIN
M	433	CONCRETE PIPE SLOPE ANCHOR
NC	434a	OVERSIDE DRAIN
NC	434b	OVERSIDE DRAIN
NC	434c	OVERSIDE DRAIN
NC	434d	OVERSIDE DRAIN
NC	435a	SLOTTED CORRUGATED STEEL PIPE DRAIN, 12" THROUGH 24"
NC	435b	SLOTTED CORRUGATED STEEL PIPE DRAIN, 12" THROUGH 24"
NC	436	[NOT USED]
NC	437	[NOT USED]
NC	438	[NOT USED]
NC	439	[NOT USED]
NC	440	[NOT USED]
NC	441	[NOT USED]
NC	442	[NOT USED]
NC	443	[NOT USED]
NC	444	[NOT USED]
NC	445	INLET APRON FOR CULVERTS UP TO 42" DIAMETER
M	446a	RIP RAP ENERGY DISSIPATOR
M	446b	RIP RAP ENERGY DISSIPATOR
NC	447a	CONCRETE ENERGY DISSIPATOR
NC	447b	CONCRETE ENERGY DISSIPATOR
NC	448	CONCRETE ENERGY DISSIPATOR (REINFORCEMENT) - 18" TO 30" DIAMETER PIPE
NC	449a	CONCRETE ENERGY DISSIPATOR (REINFORCEMENT) - 36" TO 72" DIAMETER PIPE
NC	449b	CONCRETE ENERGY DISSIPATOR (REINFORCEMENT) - 36" TO 72" DIAMETER PIPE
NC	449c	CONCRETE ENERGY DISSIPATOR (REINFORCEMENT) - 36" TO 72" DIAMETER PIPE
D	450	[NOT USED]
M	451	CONCRETE PIPE COLLAR FOR PIPES 12" THROUGH 66"

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<b>A</b>	602 DIAMOND PLATE CURB COVER
<b>NC</b>	603 CURBLINE MAIL RECEPTACLE INSTALLATION
<b>M</b>	604 BARRICADE
<b>D</b>	605 [NOT USED]
<b>NC</b>	606 GUARD POST AND BARRICADE
<b>D</b>	607 [NOT USED]
<b>D</b>	608 [NOT USED]
<b>NC</b>	609a TIMBER BARRICADE - TYPE III
<b>NC</b>	609b TIMBER BARRICADE - TYPE III
<b>M</b>	610 TRAFFIC SIGN PLACEMENT
<b>D</b>	611 [NOT USED]
<b>M</b>	612a SIGN POST INSTALLATION
<b>M</b>	612b SIGN POST INSTALLATION
<b>NC</b>	613 HEADER DETAILS
<b>M</b>	614a TREE ROOT BARRIER SIDEWALK AT R/W
<b>M</b>	614b TREE ROOT BARRIER SIDEWALK AT CURB
<b>A</b>	615a STREET TREE, DOUBLE STAKE TREE, 5 GAL, 15 GAL, 24" BOX
<b>A</b>	615b STREET TREE, DOUBLE STAKE TREE, 30" BOX OR GREATER
<b>A</b>	615c STREET TREE, MULTI TRUNK TREE, 24" BOX SIZE OR GREATER
<b>M</b>	615d TREE WELL
<b>M</b>	615e TREE WELL
	<b>600 MONUMENTING</b>
<b>NC</b>	616 TIE-OUT STANDARDS
<b>NC</b>	617a MONUMENT LOCATIONS
<b>NC</b>	617b STREET CENTERLINE INTERSECTION MONUMENT
<b>NC</b>	617c STREET CENTERLINE MONUMENT
<b>NC</b>	618 TYPE "B" MONUMENT
	<b>600 LIGHTING</b>
<b>M</b>	619 RESIDENTIAL LIGHTING
<b>M</b>	620 ARTERIAL HIGHWAY LIGHTING
<b>M</b>	620a STREET LIGHT SPACING
<b>A</b>	620b HISTORIC DOWNTOWN MURRIETA NOSTALGIC STREET LIGHTING
	<b>600 FIRE</b>
<b>NC</b>	621 FIRE ESCAPE ROUTE
<b>NC</b>	622 FIRE SAFETY ZONE

## DELETED STANDARDS

	108 PRIVATE LOCAL STREET
	214b INTERSECTION SIGHT DISTANCE
	214c INTERSECTION SIGHT DISTANCE
	310b COMMERCIAL DRIVEWAY ENTRANCE FOR ROW LARGER THAN 78'
	317 CONCRETE ROLLED CURB PRIVATE STREET
	408a LOCAL DEPRESSION
	423 TEMPORARY DESILTING BASIN OUTLET AND CAPACITY TABLE
	450a CURB INLET-TYPE J MEDIAN
	450b CURB INLET-TYPE J MEDIAN
	605 DEAD END AND WIDENED SECTION SIGNING
	607a MARKERS
	607b MARKERS
	607c MARKERS
	608 METAL BEAM GUARD RAILING
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