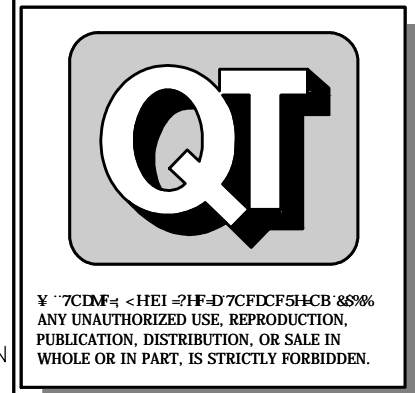


FILE LOCATION: K:\141029 - QuikTrip #0643 Mexico and Highway K\Civil\06-0643 DETAILS ADA.dwg TAB NAME: ADA Detail Sheet 2 USER: rkrkyer SAVED: 10/16/2015 6:17 AM PLOTTED: 12/16/2015 8:05 AM



PROJECT NO.: 141029  
 NAME: MICHAEL J. VELLOFF  
 LICENSE NUMBER: E-2000161862  
 DISCIPLINE: CIVIL  
 CORPORATION AUTHORITY NUMBER: 00184  
 THE SEAL OF MICHAEL J. VELLOFF ON THIS DRAWING APPLIES ONLY TO THE CIVIL/SITE ENGINEERING SHOWN. IT DOES NOT APPLY, NOR IS ANY RESPONSIBILITY TAKEN FOR ENVIRONMENTAL, GEOTECHNICAL (INCLUDING BUT NOT LIMITED TO SLOPE STABILITY), STRUCTURAL, HVAC, PLUMBING, ELECTRICAL, FIRE PROTECTION, TRAFFIC ENGINEERING, SURVEYING (BOUNDARY AND TOPOGRAPHIC), OR ARCHITECTURAL (BUILDING OR LANDSCAPE).

**QuikTrip No. 0643S**  
 8601 Mexico Road  
 O'Fallon, Missouri 63366



PROTOTYPE: P-83  
 DIVISION: 06  
 VERSION: 001  
 DESIGNED BY: RKF  
 DRAWN BY: RKF  
 REVIEWED BY: MJV

REV	DATE	DESCRIPTION

SHEET TITLE:  
 ADA DETAILS

SHEET NUMBER:  
 C511

ORIGINAL ISSUE DATE: 07-24-15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Q														
P														
N														
M														
L	L1	NOT USED			L6	NOT USED				L11	NOT USED			
	NTS	SN:			NTS	SN:				NTS	SN:			

**L1** NOT USED  
 NTS SN:

**L6** NOT USED  
 NTS SN:

1. REQUIRED FOR ALL PRIVATE PROPERTY INTERIOR LOCATIONS.  
 2. RE: PROJECT SPECS FOR PRODUCT COLOR & TYPE.  
 3. PRODUCT SHOULD BE APPLIED PER MANUFACTURER'S SPECIFICATIONS.  
 4. PREPARATION OF THE SURFACE SHALL CONSIST OF A MINIMUM OF TWO APPLICATIONS OF POWER WASHING.  
 5. TWO APPLICATIONS OF PRODUCT SHALL BE ROLLED ON.

ALL ISLAND BARRIER CURB FACES TO BE PAINTED, (RE: PROJECT SPECS FOR PRODUCT COLOR & PAINT TYPE)

CONCRETE

STD. BARRIER CURB & GUTTER

6" (NOM.)

PAINT APPLIED TO FLAT PORTION OF FACE ONLY.

ROLLOVER/MOUNTABLE CURB & GUTTER

ISOMETRIC

**L11** NOT USED  
 NTS SN:

1. RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 1:12.  
 2. GUTTER FLOW LINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGH RAMP AREA.  
 3. THE SURFACE OF THE RAMP SHALL BE FLUSH WITH THE FLOWLINE OF THE CURB AND GUTTER.  
 4. COORDINATE CONSTRUCTION TO COMPLY WITH LOCAL AND FEDERAL ADA STANDARDS.

2' TRUNCATED DOMES TAPER CURB  
 6'-0" TAPER CURB  
 1:12 MAX. FLUSH CURB  
 PLAN

TILE FLUSH WITH SIDEWALK  
 1/4" RADIUS; CAULK JOINT, INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS (RE: PROJECT SPECS)

SMOOTH DOWEL PER PAVING PLAN  
 CONSTRUCTION JOINT PER PAVING PLAN  
 TOP OF SIDEWALK  
 2% MAX  
 24"x24" DETECTABLE WARNING CAST-IN-PLACE MAT INSTALLED PER MANUFACTURER'S RECOMMENDATIONS RE: PROJECT SPECS  
 8'-0" MIN  
 2% MAX  
 SMOOTH DOWEL PER PAVING PLAN  
 ISOLATION JOINT PER PAVING PLAN  
 4" AGGREGATE BASE RE: PROJECT SPECS  
 2'-0" TAPER FROM 4" TO 8"  
 6"x6", 10 GA. WELDED WIRE FABRIC  
 6'-0" MIN.  
 SUBGRADE - STABILIZE PER GEOTECHNICAL RECOMMENDATIONS  
 SECTION A-A  
 2'-0" CURB & GUTTER BEYOND  
 SMOOTH DOWEL PER PAVING PLAN  
 2% MAX

**F1** NOT USED  
 NTS SN:

SMOOTH DOWEL PER PAVING PLAN  
 ISOLATION JOINT PER PAVING PLAN  
 TOP OF CURB  
 POINT OF DEFLECTION FROM TOP OF CURB TO GRADE OF SIDEWALK  
 1/2" R  
 1.5% (2% MAX)  
 6"  
 6"x6", 10 GA. WELDED WIRE FABRIC  
 4" AGGREGATE BASE RE: PROJECT SPECS  
 SUBGRADE STABILIZED PER GEOTECHNICAL RECOMMENDATIONS  
 SECTION A-A

16'-6" (MIN.)  
 5'-0" MIN. 6'-0" MIN. 5'-0"  
 1:12 MAX. (2% MAX.)  
 6" WIDE CURB WITH VARYING HEIGHT IN TRANSITIONS.  
 2' RADIUS  
 2'-0" CONCRETE CURB AND GUTTER (6" BARRIER)  
 PLAN

**F6** ISLAND - BARRIER CURB PAINTING DETAIL (NON-LANDSCAPED)  
 NTS SN: AD016A001

ISOMETRIC

**F11** CURB RAMP ADJACENT TO PUBLIC STREET CURB & GUTTER  
 NTS SN: AD010A003

NON-COMPLIANT CROSS SLOPE  
 COMPLIANT CROSS SLOPE  
 MATCH EXISTING ELEVATION  
 5% MAX  
 5% MAX  
 6" MIN.  
 SIDEWALK TRANSITION WEDGE SHALL BE CONSTRUCTED TO BE EASILY DETECTABLE.  
 PLAN

EXISTING SIDEWALK  
 NEW SIDEWALK  
 ISOMETRIC

**A1** PARALLEL CURB RAMP @ SIDEWALK TERMINUS (PRIVATE PROPERTY)  
 NTS SN: AD011A002

**A6** ISLAND - BARRIER CURB PAINTING DETAIL (NON-LANDSCAPED)  
 NTS SN: AD016A001

**A11** SIDEWALK TRANSITION WEDGE DETAIL  
 NTS SN: AD013A002

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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