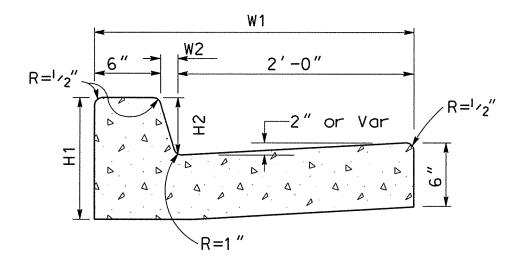
Section 2 - Curb and Gutter, Sidewalk and Asphalt Concrete Details

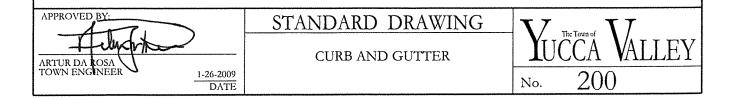
<u>Drawing No.</u>	<u>Description</u>
200	Curb and Gutter
201	8" Curb and Gutter
202	Asphalt Concrete Dike
203	Traversable Dike
210	Residential Driveway Approach Without Curb
211	Residential Driveway Approach With Curb
212	Commercial Driveway Approach Without Curb
213	Commercial Driveway Approach With Curb
214	Driveway Spacing
220	Sidewalk
221	Wheelchair Ramp
222	Sidewalk Ramp
230	Cross Gutter and Spandrel
231	Alley
240	Street Pavement Design
241	Trench Pavement Replacement Detail
242	Median Island Treatment
242A	Median Island Treatment – Planting/Irrigation/Ground Cover
242B	Median Island Treatment – Alternate Landscaping & Concrete Areas

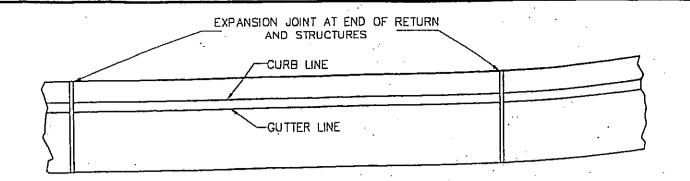


6" AND 8" CURBS

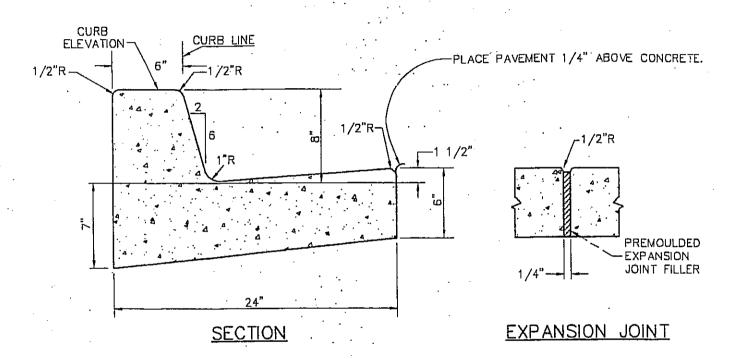
CURB	DIMENSIONS					
TYPE	H1	Н2	W1	W2		
6"	1'-0"	6"	2'-71/2"	1 ½"		
8 "	1'-2"	8"	2'-8"	2"		

- 1. JOINTS SHALL BE INSTALL AT 10 FOOT INTERVALS.
- 2. CURING COMPOUND SHALL BE APPLIED UNIFORMLY ON EXPOSED SURFACES.





PLAN



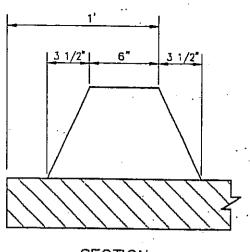
NOTES:

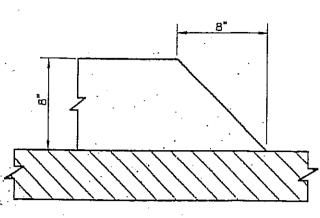
No.27943

EXPIRES

- 1. CURB AND GUTTER SHALL BE CONSTRUCTED MONOLITHICALLY OF CLASS "B" CONCRETE.
- 2. WIDTH OF STANDARD STREET SECTIONS SHOWN ON PLANS ARE TO CURB LINES UNLESS OTHERWISE INDICATED.
- 3. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 10-FOOT INTERVALS, EXCEPT THAT THE INTERVAL SHALL BE VARIED TO ALLOW MATCHING OF JOINTS IN ADJACENT EXISTING IMPROVEMENTS.
- 4. CURING COMPOUND SHALL BE SPRAYED UNIFORMLY ON EXPOSED SURFACES.
- 5. WHEN CURB AND GUTTER IS PLACED BY AN EXTRUSION MACHINE MINOR FINISHING SHALL BE DONE TO PROVIDE AN ACCEPTABLE FINISH AND THE WEAKENED PLANE JOINT MAY BE SAW CUT.
- 6. 0.0535 CUBIC YARDS PER LINEAL FOOT. 18.7 LINEAL FEET PER CUBIC YARD.

APPROVED:	DATE		7000 of Uncca Valley
APPROVED: TOWN ENGINEER Fighet L. Holt	R.C.E	27943	o"
			CURB AND GUTTER
REVISION		Y DATE	STANDARD DRAWING NO. 201

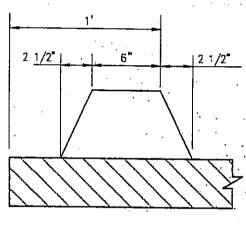


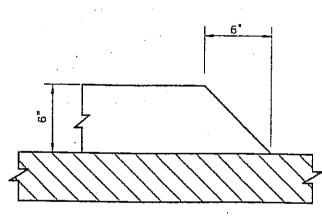


SECTION

END CUTOFF

8" DIKE





SECTION

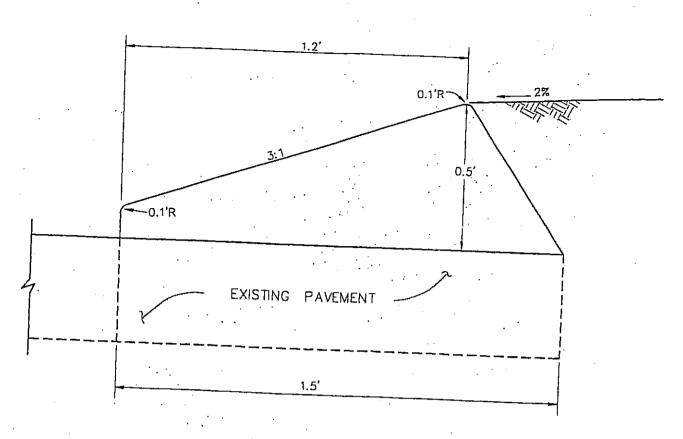
END CUTOFF

6" DIKE



- 1. DIKE SHALL BE CONSTRUCTED OF TYPE "B" ASPHALT CONCRETE ARBOOO.
- 2. PAINT BINDER SHALL BE PLACED ON EXISTING ASPHALT CONCRETE PAVEMENT PRIOR TO THE INSTALLATION OF THE DIKE.

APPROVED: DATE APPROVED: TOWN ENGINEER	70000 of Uucca Valley	
71Mat L. 7/6Cl R.C.E. 27943	ASPHALT CONCRETE DIKE	
REVISION BY DATE	STANDARD DRAWING NO. 202	

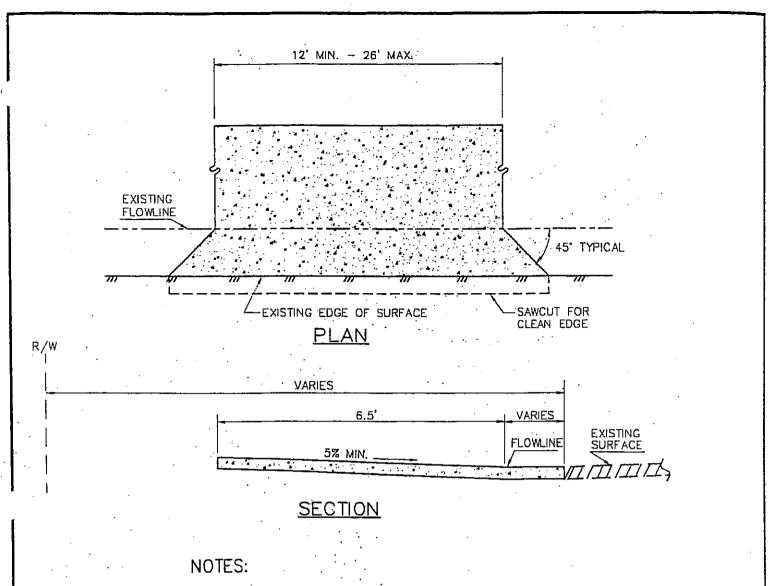


TYPICAL SECTION

- 1. DIKE SHALL BE CONSTRUCTED OF TYPE "B" ASPHALT CONCRETE AR8000.
- 2. PAINT BINDER SHALL BE PLACED ON EXISTING ASPHALT CONCRETE PAVEMENT PRIOR TO THE INSTALLATION OF THE DIKE.

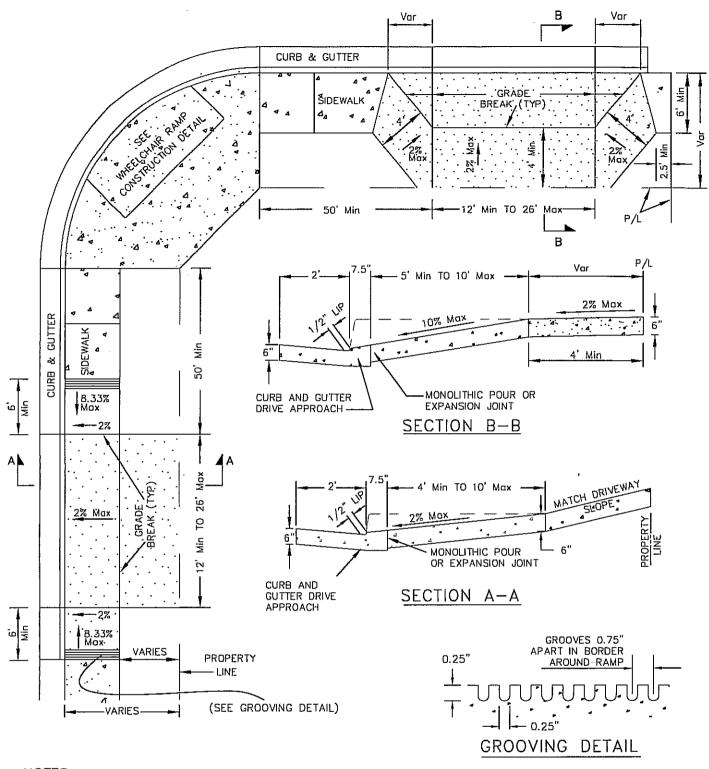


G CALL	
APPROVED: DATE	Town of Uncca Valley
APPROVED: TOWN ENGINEER R.C.E. 27943	THE ROY IL ME
	TRAVERSABLE DIKE
REVISION BY DATE	STANDARD DRAWING NO. 203

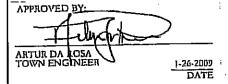


- DRIVEWAY APPROACH LOCATION SHALL BE AS APPROVED BY TOWN AND PER STANDARD NO. 214.
- 2. SURFACING MATERIAL SHALL BE:
 - A. TYPE B ASPHALT CONCRETE GRADE AR-4000, 1/2" MAX. MED., 3" THICK.
 - B. PORTLAND-GEMENT CONCRETE CLASS 'B' 4" THICK MAY BE USED.
 - C. UNPAVED, IF THE ROADWAY IS UNPAVED.
- 3. FLOWLINE GRADE SHALL BE MAINTAINED.
- 4. WHERE EXISTING BERM IS REMOVED, THE APPROACH SHALL BE CONSTRUCTED TO AN ELEVATION EQUAL IN HEIGHT TO CONTROL DRAINAGE.

THE OF CALIFORNIA			•	
APPROVED:	DATE _			7000 of Valley
APPROVED; TOWN ENGINEER	R.C.E.	279	43	RESIDENTIAL DRIVEWAY
				APPROACH WITHOUT CURB
REVISION		BY	DATE	STANDARD DRAWING NO. 210

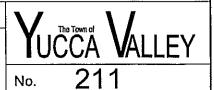


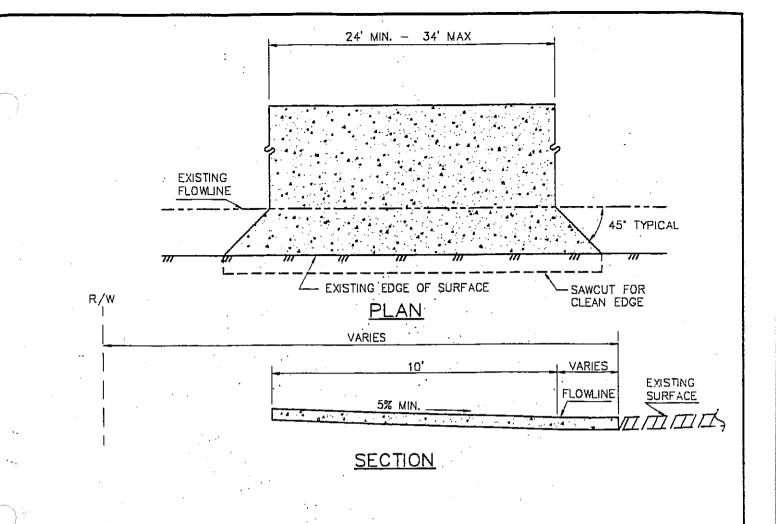
- 1. DRIVE APPROACH SHALL BE CONSTRUCTED TO MEET CURRENT A.D.A. STANDARDS.
- 2. LIP AT BOTTOM OF DRIVEWAY RAMP, 1/2" ABOVE GUTTER GRADE.
- SUBGRADE PREPARATION SHALL BE CONSTRUCTED TRUE TO GRADE WITH COMPACTION OF 95% TO A DEPTH OF 12".
- 4. ALL CONCRETE SURFACES SHALL BE FINISHED TO GRADE WITH A FLOAT, TROWELED SMOOTH AND FINISHED WITH A BROOM.
- 5. EXPANSION JOINT(S) SHALL CONSIST OF 0.25" TO 0.5" PREMOLDED JOINT MATERIAL APPROVED FOR SUCH USE.
- 6. DRIVEWAY APPROACH TO CURB AND GUTTER TO BE POURED AS MONOLITHIC OR WITH AN EXPANSION JOINT.
- 7. APARTMENTS OF 4 UNITS OR LESS SHALL USE THIS DRIVEWAY APPROACH.
- 8. APARTMENTS OF MORE THAN 4 UNITS SHALL USE THE COMMERCIAL DRIVEWAY APPROACH PLATE.
- SURFACING SHALL BE PORTLAND CEMENT CONCRETE CLASS "B".



STANDARD DRAWING

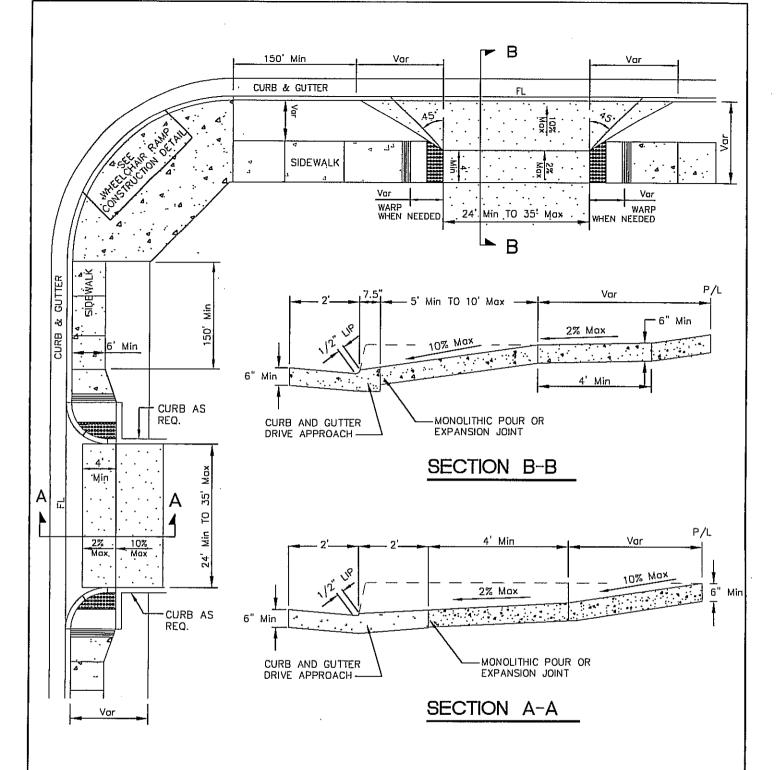
RESIDENTIAL DRIVEWAY APPROACH



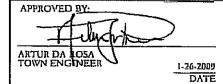


- 1. DRIVEWAY APPROACH LOCATION SHALL BE AS APPROVED BY TOWN AND PER STANDARD NO. 214.
- 2. SURFACING MATERIAL SHALL BE:
 - A. TYPE B ASPHALT CONCRETE GRADE AR-4000, 1/2" MAX. MED., 3" THICK.

B. PORTLAND CEMENT CONCRETE CLASS 'B' 6" THICK MAY BE USED. C. UNPAVED, IF THE ROADWAY IS UNPAVED. 3. FLOWLINE GRADE SHALL BE MAINTAINED. 4. WHERE EXISTING BERM IS REMOVED, THE APPROACH SHALL BE CONSTRUCTED TO AN ELEVATION EQUAL IN HEIGHT TO CONTROL DRAINAGE.					
APPROVED: DATE DATE PPROVED: TOWN ENGINEER		700m of Yucca Valley			
Nobert K. Holl R.C.E.	27943	COMMERCIAL DRIVEWAY			
		APPROACH WITHOUT CURB			
REVISION E	BY DATE	STANDARD DRAWING NO. 212			



- 1. DRIVE APPROACH SHALL BE CONSTRUCTED TO MEET CURRENT A.D.A. STANDARDS..
- 2. SEE STANDARD 221 FOR A.D.A. RAMP REQUIREMENTS.
- 3. SUBGRADE PREPARATION SHALL BE CONSTRUCTED TRUE TO GRADE WITH COMPACTION OF 95% TO A DEPTH OF 12".
- 4. ALL CONCRETE SURFACES SHALL BE FINISHED TO GRADE WITH A FLOAT, TROWELED SMOOTH AND FINISHED WITH A BROOM.
- 5. EXPANSION JOINT(S) SHALL CONSIST OF 0.25" TO 0.5" PREMOLDED JOINT MATERIAL APPROVED FOR SUCH USE.
- 6. DRIVEWAY APPROACH TO CURB AND GUTTER TO BE POURED AS MONOLITHIC OR WITH AN EXPANSION JOINT.
- 7. APARTMENTS OF 4 UNITS OR LESS SHALL USE THE RESIDENTIAL DRIVEWAY APPROACH STANDARD.
- 8. APARTMENTS OF MORE THAN 4 UNITS SHALL USE THE COMMERCIAL DRIVEWAY APPROACH STANDARD.
- 9. SURFACING SHALL BE PORTLAND CEMENT CONCRETE CLASS "B".

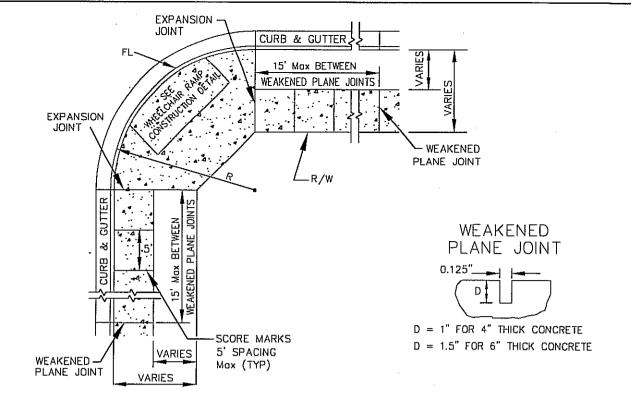


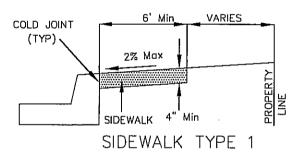
STANDARD DRAWING

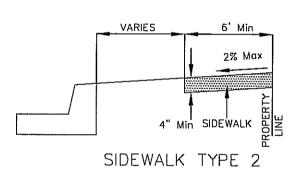
COMMERCIAL DRIVEWAY APPROACH



LOCAL STREET - COLLECTOR ROAD MAJOR HIGHWAY SECONDARY HIGHWAY 5'MIN. 50' MIN.¹ E.C. DRIVEWAY RESIDENTIAL Pl. MAJOR HIGHWAY SECONDARY HIGHWAY 150' <mark>M</mark>IN. 3 150' MIN.2 5'MIN E.C. COMMERCIAL DRIVEWAY NOTES: No.27943 1 75' ON COLLECTOR ROADS, EXCEPT 50' IF ULT. A.D.T. IS LESS THAN 3000. ²MAY BE INCREASED 75' ON COLLECTOR ROADS AND 50' ON LOCAL STREETS TO PROVIDE ADDITIONAL CLEARANCE FOR LEFT TURN STORAGE. 3 MAY BE DECREASED WITH APPROVAL FROM TOWN PLANNER. 70mm of Uucca Valley APPROVED: DATE APPROVED: TOWN ENGINEER 27943 R.C.E. DRIVEWAY SPACING STANDARD DRAWING NO. 214 BY DATE REVISION







GENERAL NOTES:

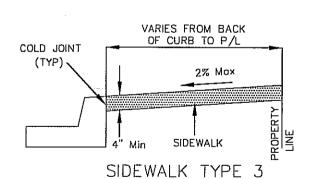
- SUBGRADE PREPARATION SHALL BE CONSTRUCTED TRUE TO GRADE AND CROSS SECTION, WITH COMPACTION OF 95% TO A DEPTH OF 1.0 FEET.
 MINIMUM GRADE FOR CURB AND GUTTER SHALL BE 0.2% EXCEPTIONS
- TO THE MINIMUM GRADE SHALL BE APPROVED BY THE TOWN ENGINEER.

 3. CONCRETE SURFACE SHALL BE FINISHED TO GRADE AND CROSS
- SECTION WITH A FLOAT, TROWELED SMOOTH, AND FINISHED WITH A BROOM.

 4. EXPANSION JOINT FILLER MATERIAL SHALL CONSIST OF PREFORMED STRIPS OF A DURABLE, RESILIENT COMPOUND.
- 5. SIDEWALK SCORE MARKS MINIMUM DEPTH OF 0.125".
- ROLL—TOP CURB & GUTTER ONLY ALLOWED IN INDUSTRIAL ZONES WITH APPROVAL OF THE TOWN ENGINEER.
- SIDEWALK TO CURB AND GUTTER NOT TO BE POURED AS MONOLITHIC.
- 8. PROPERTY AT INTERSECTIONS SHALL BE A 20 FOOT BY 20 FOOT CUT OFF FOR WHEELCHAIR RAMPS.
- 9. SIDEWALK SHALL BE CONSTRUCTED OF CLASS "B" CONCRETE.

R = 25' FOR RESIDENTIAL CURB RETURNS

R = 35' FOR COMMERCIAL/INDUSTRIAL CURB RETURNS



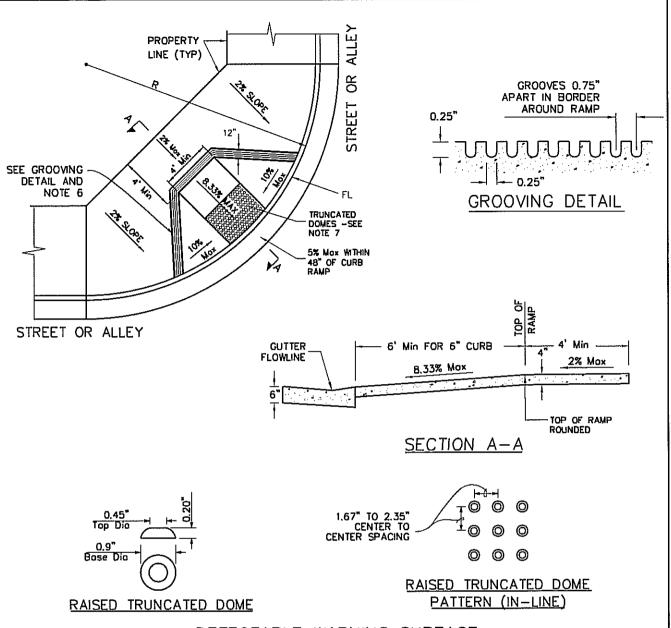
APPROVED BY

ARTUR DA IOSA TOWN ENGÎNEER 1-26-2009 DATE STANDARD DRAWING

SIDEWALK

YUCCA VALLEY

No. 220



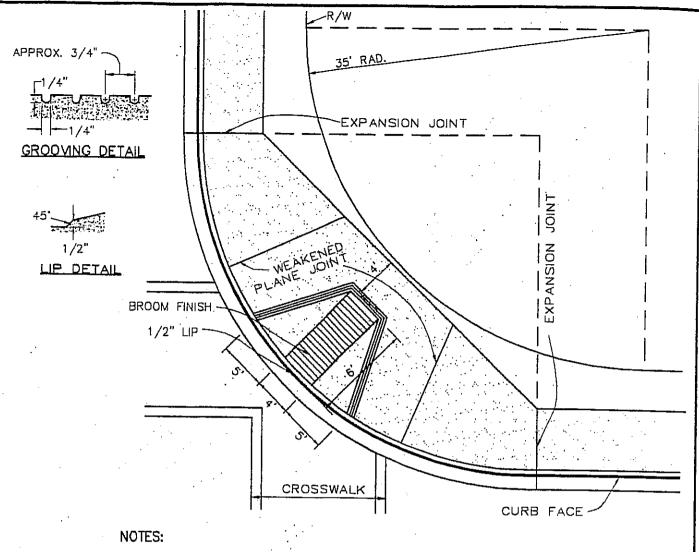
DETECTABLE WARNING SURFACE

R = 25' FOR RESIDENTIAL CURB RETURNS

R = 35' FOR COMMERCIAL/INDUSTRIAL CURB RETURNS

- CURB RAMP SHALL BE CONSTRUCTED TO MEET CURRENT A.D.A. STANDARDS.
- 2. SUBGRADE PREPARATION SHALL BE CONSTRUCTED TRUE TO GRADE WITH COMPACTION OF 95% TO A DEPTH OF 12".
- 3. ALL CONCRETE SURFACES SHALL BE FINISHED TO GRADE WITH A FLOAT, TROWELED SMOOTH AND FINISHED WITH A BROOM.
- 4. EXPANSION JOINT(S) SHALL CONSIST OF 0.5" PREMOLDED JOINT MATERIAL APPROVED FOR SUCH USE.
- 5. THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 0.25" GROOVES, 0.75" APART. SEE GROOVING DETAIL.
- 6. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. COLOR YELLOW CONFORMING TO FEDERAL COLOR NO. 33538.
- 7. BECAUSE OF EXISTING CONDITIONS, OTHER CURB RAMP CONFIGURATIONS MAY BE NECESSARY. THESE SHALL MEET THE STATE OF CALIFORNIA ARCHITECTURAL BARRIERS LAWS AND BE APPROVED PRIOR TO INSTALLATION.

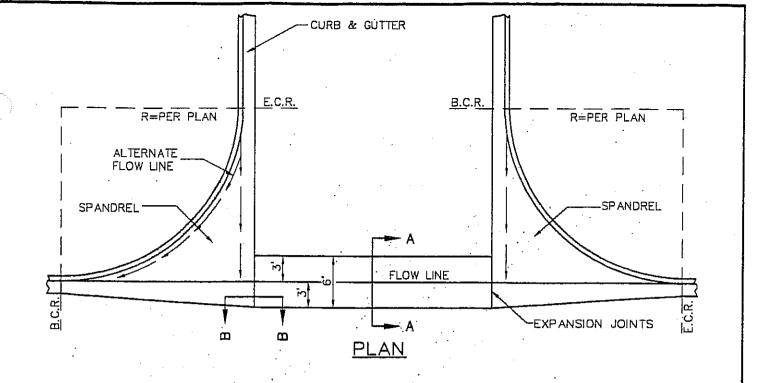


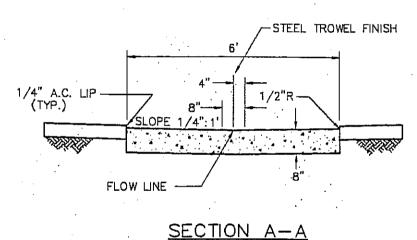


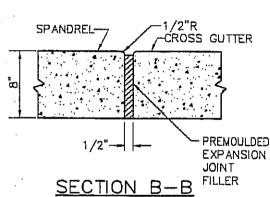
- 1. RAMP SLOPE SHALL BE 8.33% MAXIMUM.
- THE RAMP SHALL HAVE A 12" MDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4"
 SEE GROOVING DETAIL.
- 3. RAMP SURFACE SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
- RAMPS SHALL BE BUILT AND FINISHED SO THAT THERE ARE NO ABRUPT CHANGES IN ELEVATION OR ANGLE OF SLOPE.
- 5. SIDEWALK RAMPS ARE REQUIRED AT ALL CORNERS WHERE CURBS AND/OR SIDEWALKS ARE TO BE CONSTRUCTED OR RECONSTRUCTED AND SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS.
- 6. MODIFICATIONS TO LOCATION OR DIMENSIONS OF RAMPS SHALL REQUIRE APPROVAL OF TOWN ENGINEER AND BE SHOWN ON APPROVED PLANS.
- 7. THICKNESS OF CONCRETE: 4 INCH MINIMUM.

PROFESS / ONAL CALLED BY CONTROL OF CALLED BY CONTR
APPROVED:

PPROVED: PPROVED: TOWN ENGINEER	DATE _	•		70un of Uucca Valley
Hobert K. Holf	R.C.E.	27	943	The state of the s
	,			SIDEWALK RAMP
REVISION		BY	DATE	STANDARD DRAWING NO. 222



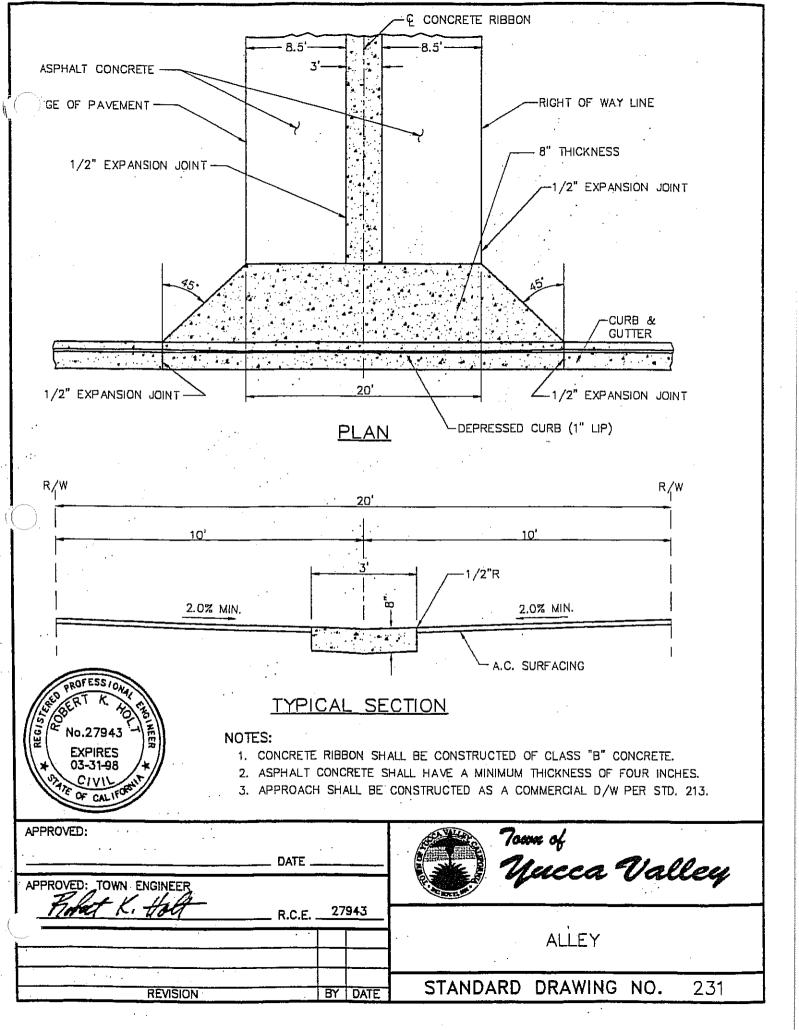


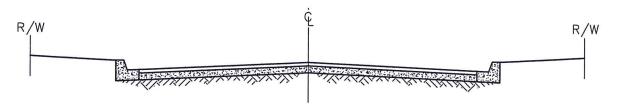




- 1. CROSS GUTTER SHALL BE CONSTRUCTED OF CLASS "B" CONCRETE.
- 2. THE STRAIGHT GRADE BETWEEN B.C.R.'S MAY BE ALTERED WHERE EXCESSIVE GRADES EXIST.
- 3. SPANDREL SHALL BE 8" THICKNESS CLASS "B" CONCRETE.
- 4. VARIABLE CURB FACE ALLOWED FOR DRAINAGE PURPOSES.

APPROVED: DATE	70000 of Yucca Valley
APPROVED: TOWN ENGINEER FISCH L. Holf R.C.E. 27943	CROSS GUTTER
	AND SPANDREL
REVISION BY DATE	STANDARD DRAWING NO. 230





MINIMUM PAVEMENT STRUCTURAL SECTIONS

STREET CLASSIFICATION	MIN. TRAFFIC INDEX	MIN. A.C. THICKNESS	PLACEMENT LIFTS
ALLEY	N/A	4"	2 - 2" LIFTS
LOCAL ROAD	5.5	4"	2 - 2" LIFTS
COLLECTOR ROAD	8	4"	2 - 2" LIFTS
ARTERIAL ROAD	10	6"	2 - 3" LIFTS
HIGHWAY	12	*	*

ASHPALT REQUIREMENTS

ASPHALT SHALL BE CALTRANS TYPE A, PG 70-10 BINDER. BASE COURSE SHALL BE 3/4", SURFACE COURSE SHALL BE 1/2"

COMPACTION REQUIREMENTS

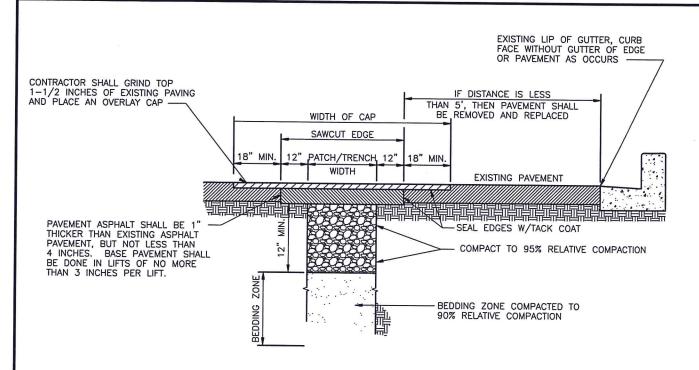
95% FOR TOP 12" OF SUBGRADE, 95% FOR AGG. BASE

NOTE: PAVEMENT THICKNESS SHOWN ABOVE ARE MINIMUMS. SOILS REPORTS MAY REQUIRE GREATER THICKNESS OF STRUCTURAL SECTION

* - CONTACT CALTRANS FOR THICKNESS REQUIREMENTS ON STATE HIGHWAYS



APPROVED: DIRECTOR OF PUBLIC WORKS DATE 11/17/16			Town of Uncca Valley
APPROVED: TOWN ENGINEER			THE MAY II. WHILE
Noel Dealon R.C.E.	39	9827	
REVISED TO REFLECT CURRENT GENERAL PLN- 9/7/16		STREET PAVEMENT DESIGN	
			STANDARD DRAWING NO. 240
REVISION BY DATE		STANDARD DRAWING NO. 240	

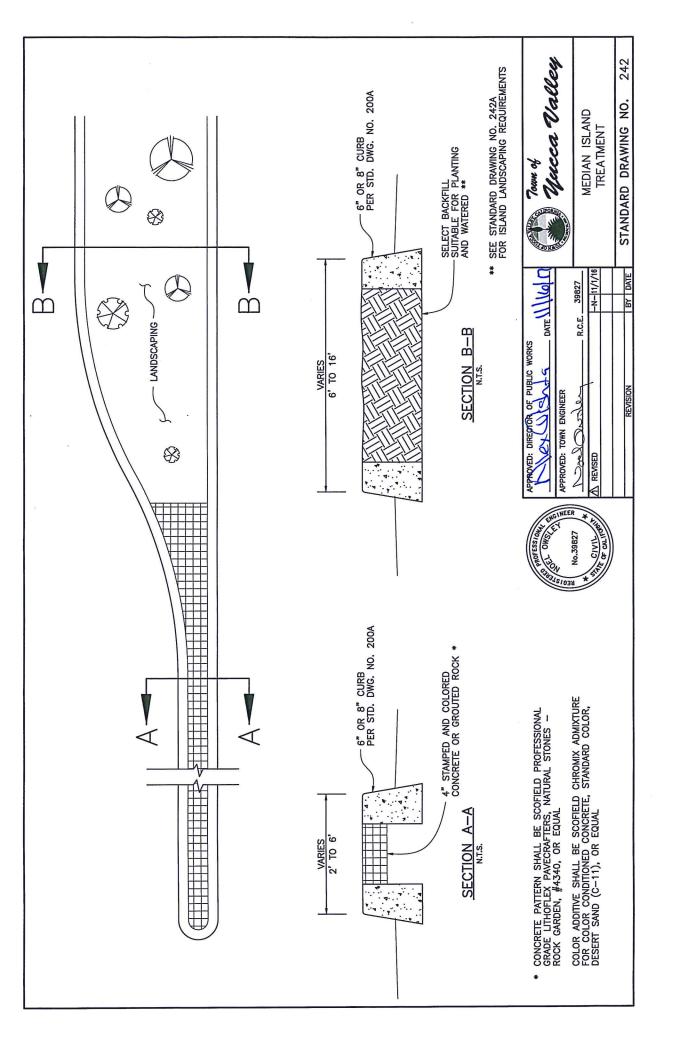


TYPICAL SECTION

- IN AREAS WITH CLASS 2 AGG. BASE REPLACE WITH CLASS 2 BASE.
- 2. COMPACTION ANALYSIS REQUIRED FOR TRENCHES 10 S.F. AND LARGER
- ASPHALT SHALL BE CALTRANS TYPE A 1/2" HMA WIITH PG 70-10 PM OIL BINDER



APPROVED: DIRECTOR OF PUBLIC WORKS Alex Dishla DATE 1/17/16	Town of Yucca Valley	
APPROVED: TOWN ENGINEER	The want	
Not Dust R.C.E. 39827	TRENCH PAVEMENT	
REVISED DETAIL -N-8/24/16	REPLACEMENT DETAIL	
REVISION BY DATE	STANDARD DRAWING NO. 241	



PLANTINGS IN LANDSCAPE MEDIANS SHALL BE:

- * RUSSIAN SAGE
- * TEXAS RANGER
- * DESERT SPOON
- * FOUNTAIN GRASS (P. setaceum)
- * LANTANA (L. montevidensis)
- * MEXICAN BIRD OF PARADISE

PLANT SPACING SHALL BE 8' to 10'. LANTANA AND FOUNTAIN GRASS MAY BE GROUPED.

BOULDERS/ROCKS MAY BE PLACED IN MEDIAN ISLANDS, HOWEVER THEY MAY NOT EXTEND MORE THAN 4" ABOVE CURB GRADE.

IRRIGATION REQUIREMENT SHALL BE:

- * MOTOROLA SCORPIO CLOCKS CAPABLE OF COMMUNICATING WITH WITH THE CENTRAL MOTOROLA IRRIGATION SYSTEM.
- * BERMAD MASTER VALVES AND FLOW SENSORS (NORMALLY CLOSED VALVE).
- * HARD PIPE ALL DRIP IRRIGATION USING RAIN BIRD POLYFLEX RISERS
- * WITH 1/2" MALE THREADED BASE.
- * RAIN BÍRD XB-10PC-1032 (BLACK) THREADED INLET DRIP EMITTERS.
- * BRASS RAIN BIRD STATION VALVES.
- * RAIN BIRD PRSD PRESSURE REGULATORS PREFERRED.
- * SCHEDULE 40 PVC ON ALL MAIN LINES AND LATERALS UNDER 3".

GROUND COVER SHALL BE DECOMPOSED GRANITE OR PALM SPRINGS GOLD.



APPROVED: DIRECTOR OF PUBLIC WORKS	S _ DATE	LA SECTIVATION OF THE PARTY OF	Yucca Valley
APPROVED: TOWN ENGINEER		PONE NOVEL	
Dollade	_ R.C.E. <u>39827</u>	7	MEDIAN ISLAND
⚠ REVISED \	-N- 11/	1/16	TREATMENT
REVISION	BY DA	STAI	NDARD DRAWING NO. 242A

