

TOWN OF YUCCA VALLEY

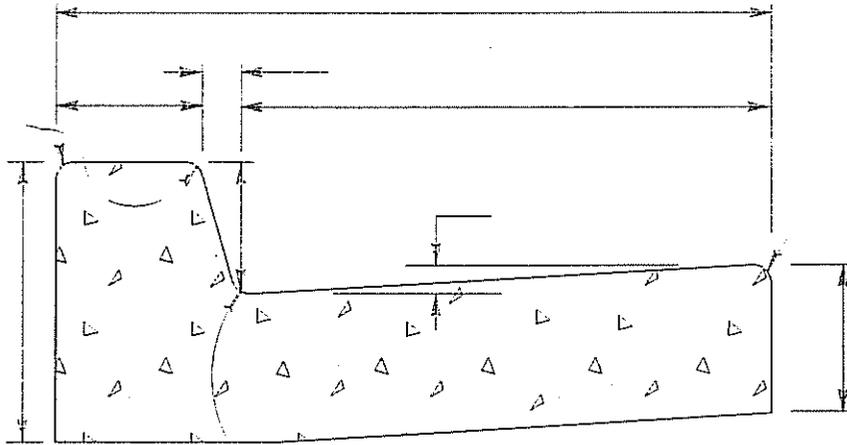
STANDARD DRAWINGS



SECTION 200

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



6" AND 8" CURBS

CURB TYPE	DIMENSIONS			
	H1	H2	W1	W2
6"	1'-0"	6"	2'-7½"	1½"
8"	1'-2"	8"	2'-8"	2"

NOTES:

1. JOINTS SHALL BE INSTALL AT 10 FOOT INTERVALS.
2. CURING COMPOUND SHALL BE APPLIED UNIFORMLY ON EXPOSED SURFACES.
3. CURB & GUTTER SHALL BE CONSTRUCTED MONOLITHICALLY OF CLASS "B" CONCRETE.

APPROVED BY:


 ARTUR DA ROSA
 TOWN ENGINEER

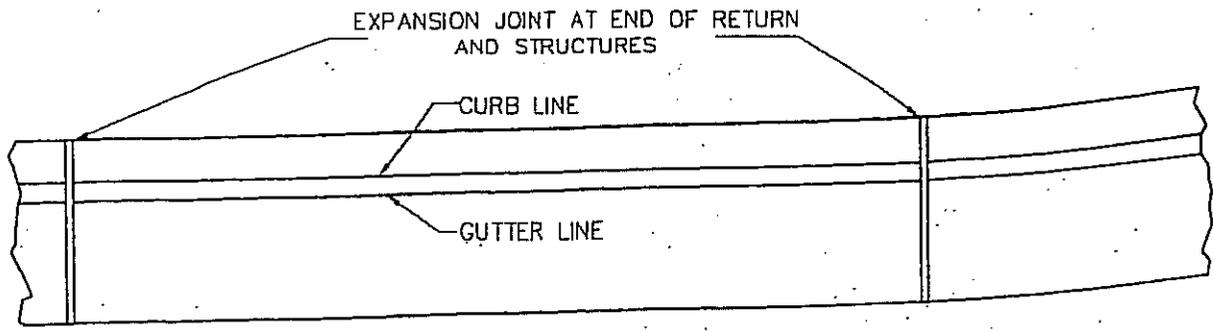
1-26-2009
 DATE

STANDARD DRAWING

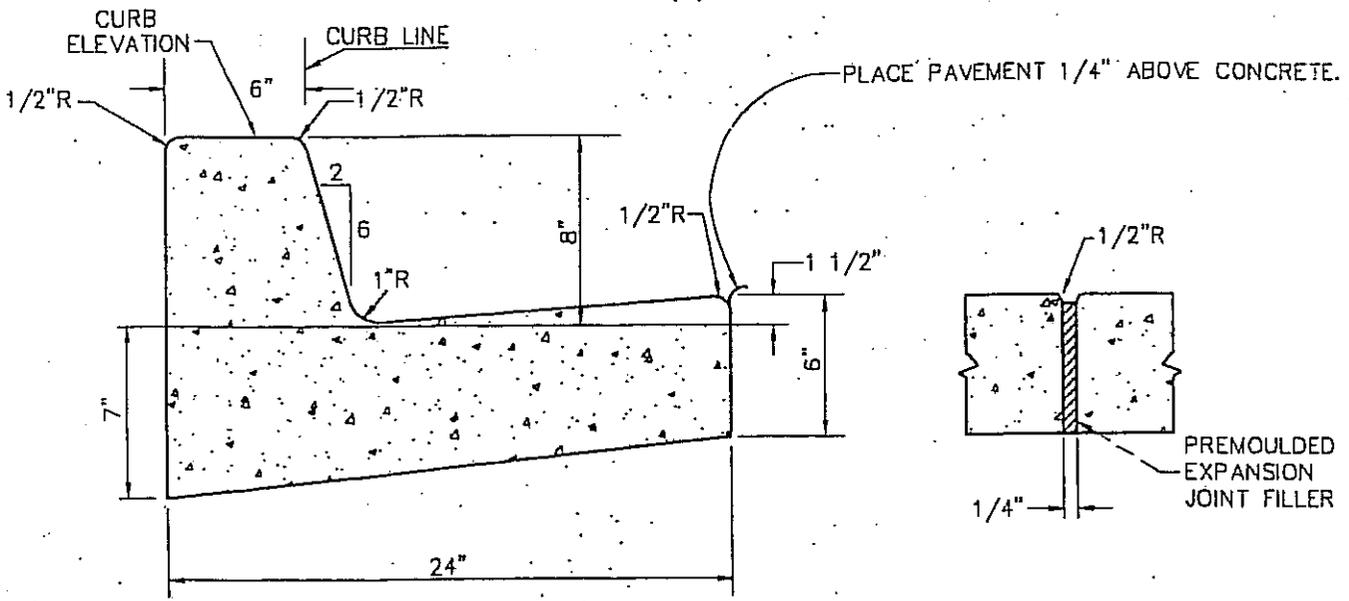
CURB AND GUTTER

The Town of
YUCCA VALLEY

No. 200



PLAN



SECTION

EXPANSION JOINT

NOTES:

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 _____

APPROVED: TOWN ENGINEER
Robert K. Holt R.C.E. 27943

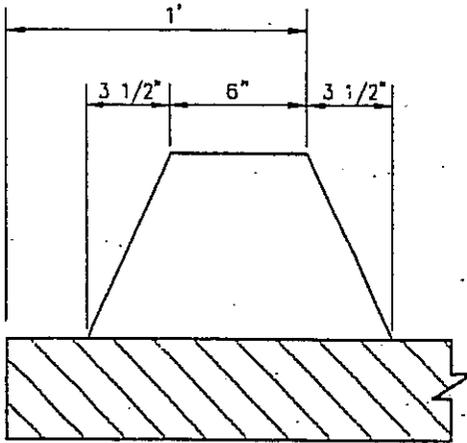
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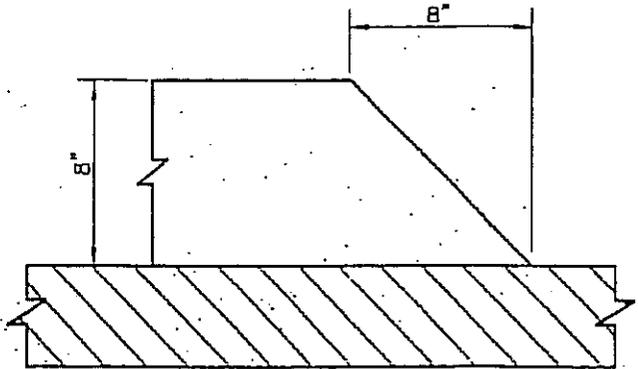
Town of
Yucca Valley

8"
 CURB AND GUTTER

STANDARD DRAWING NO. 201

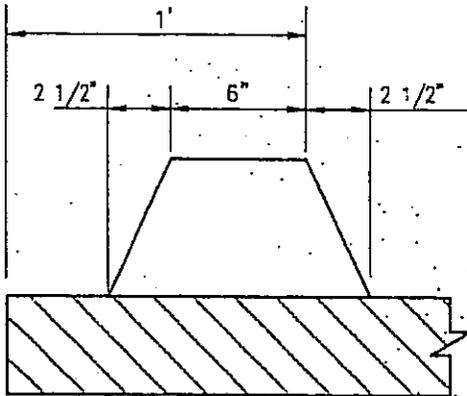


SECTION

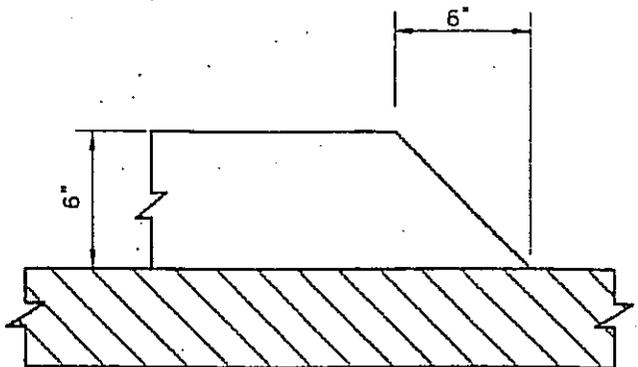


END CUTOFF

8" DIKE



SECTION



END CUTOFF

6" DIKE



NOTES:

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.

APPROVED:

DATE _____

APPROVED: TOWN ENGINEER

Robert K. Holt

R.C.E. 27943



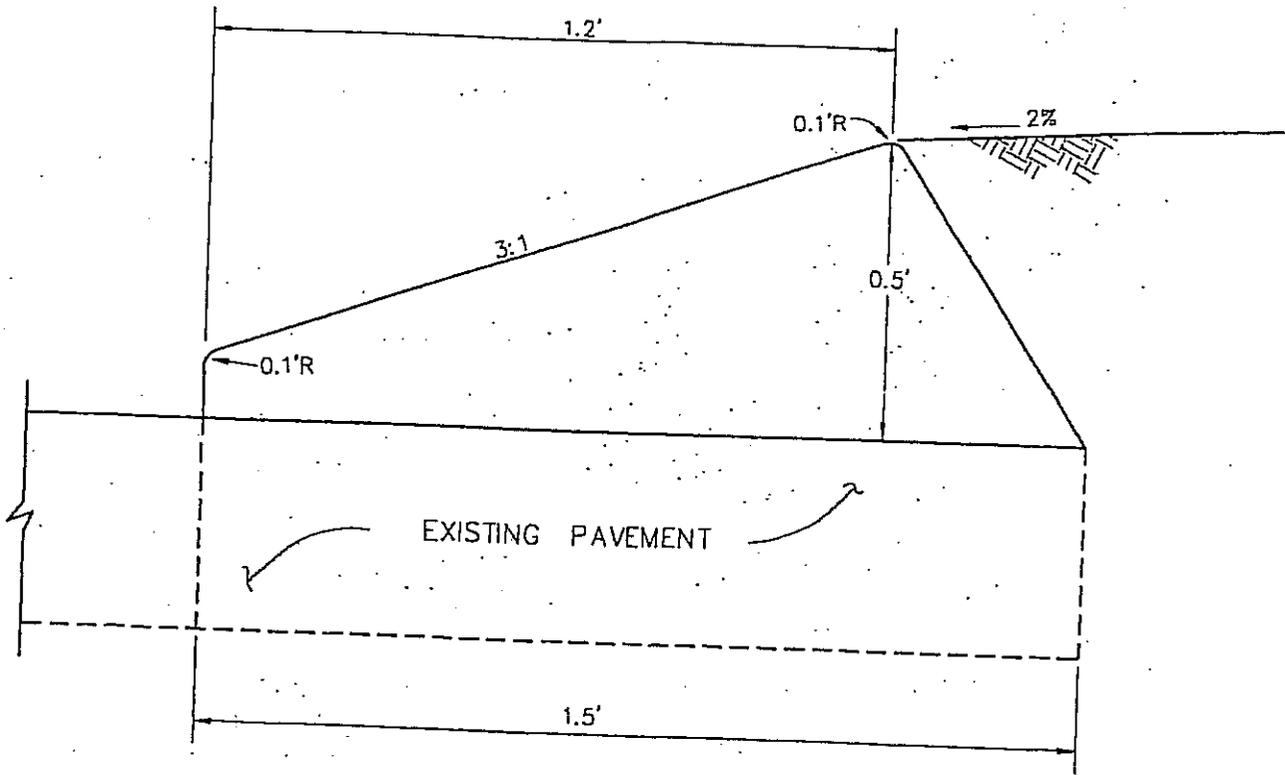
*Town of
Yucca Valley*

ASPHALT CONCRETE
DIKE

STANDARD DRAWING NO. 202

REVISION

BY DATE



TYPICAL SECTION

NOTES:

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.



APPROVED: _____ DATE _____

APPROVED: TOWN ENGINEER
Robert K. Holt R.C.E. 27943

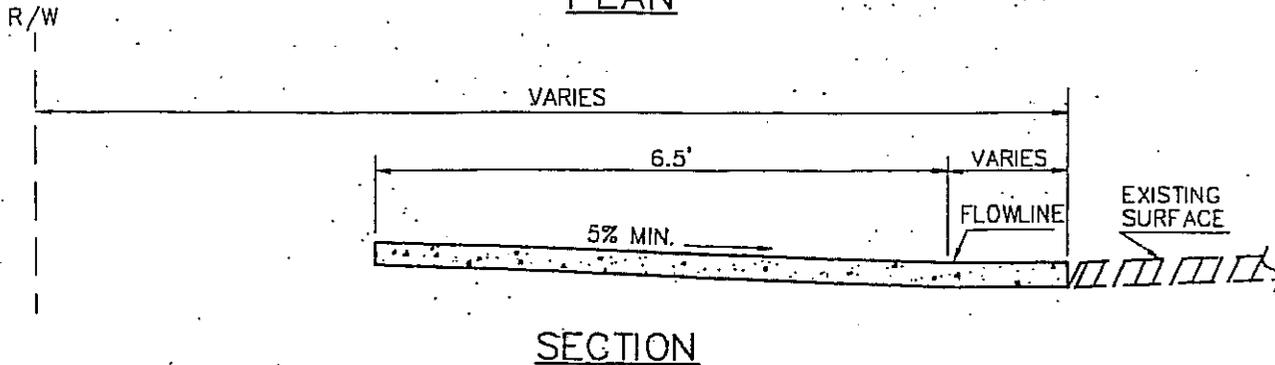
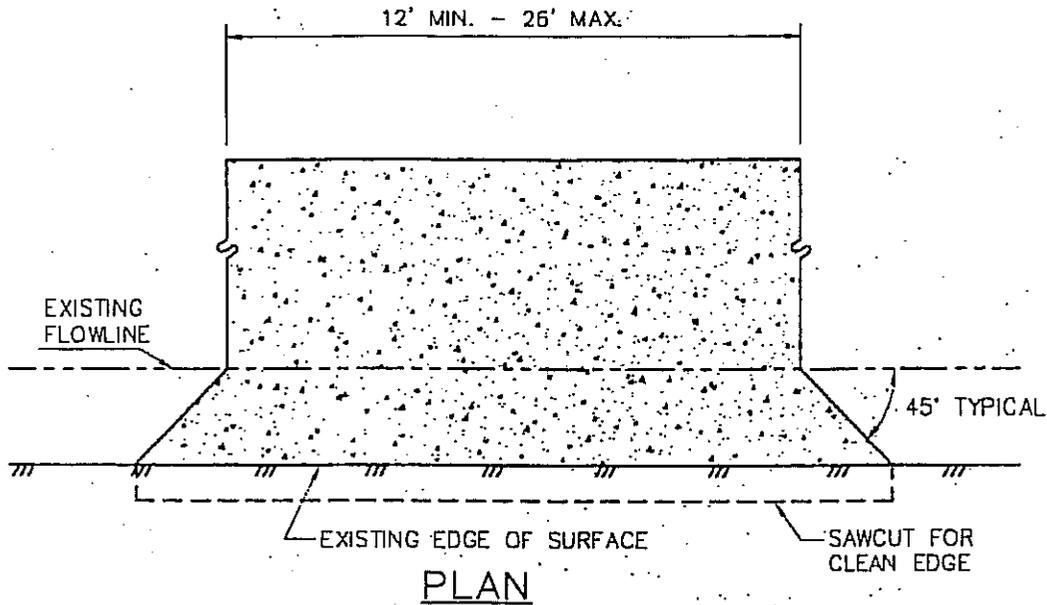


Town of
Yucca Valley

TRAVERSABLE DIKE

REVISION	BY	DATE

STANDARD DRAWING NO. 203



NOTES:

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' 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.



APPROVED: _____ DATE _____

APPROVED: TOWN ENGINEER
Robert K. Holt R.C.E. 27943

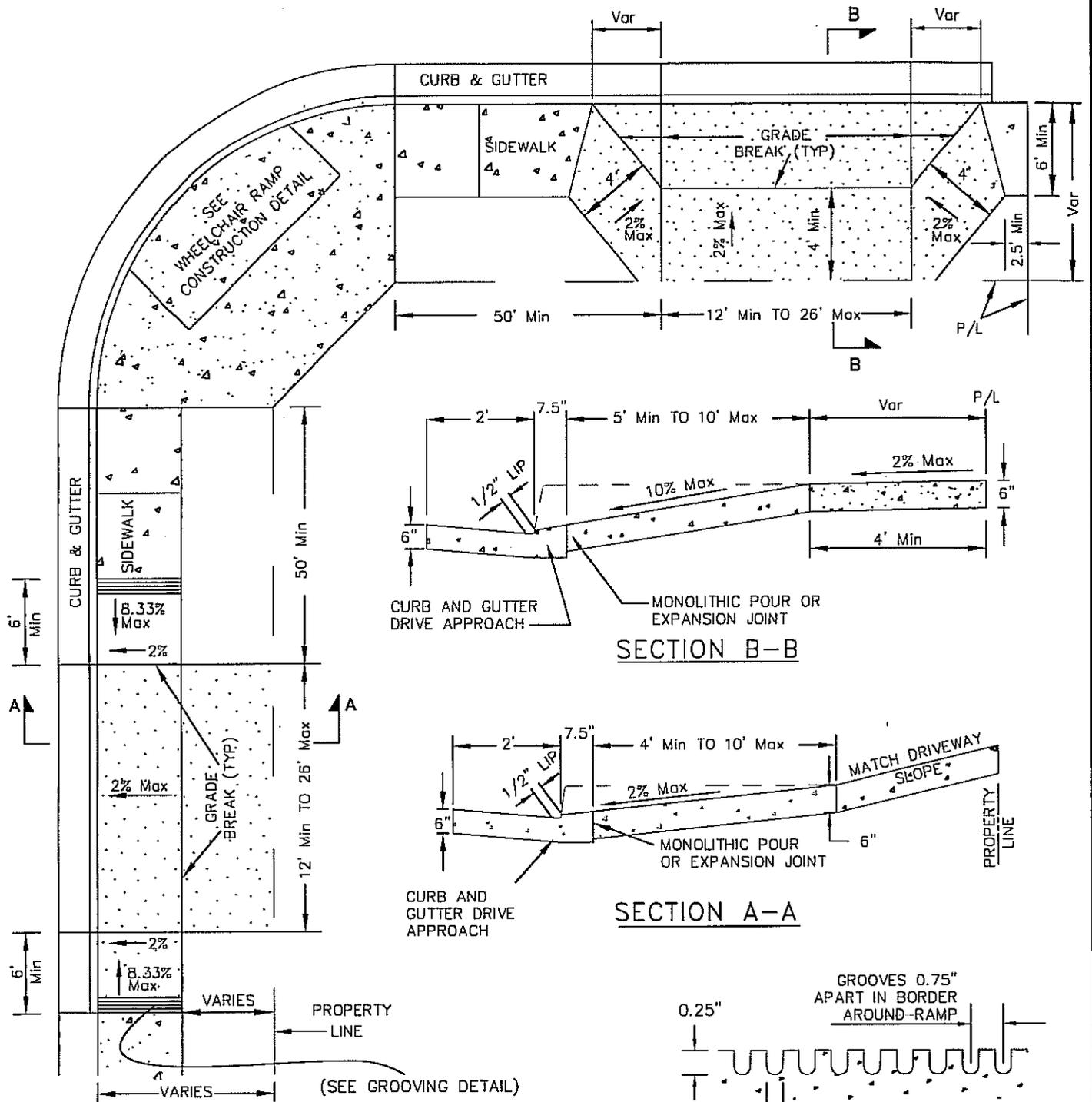


Town of
Yucca Valley

RESIDENTIAL DRIVEWAY
 APPROACH
 WITHOUT CURB

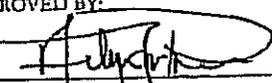
STANDARD DRAWING NO. 210

REVISION	BY	DATE



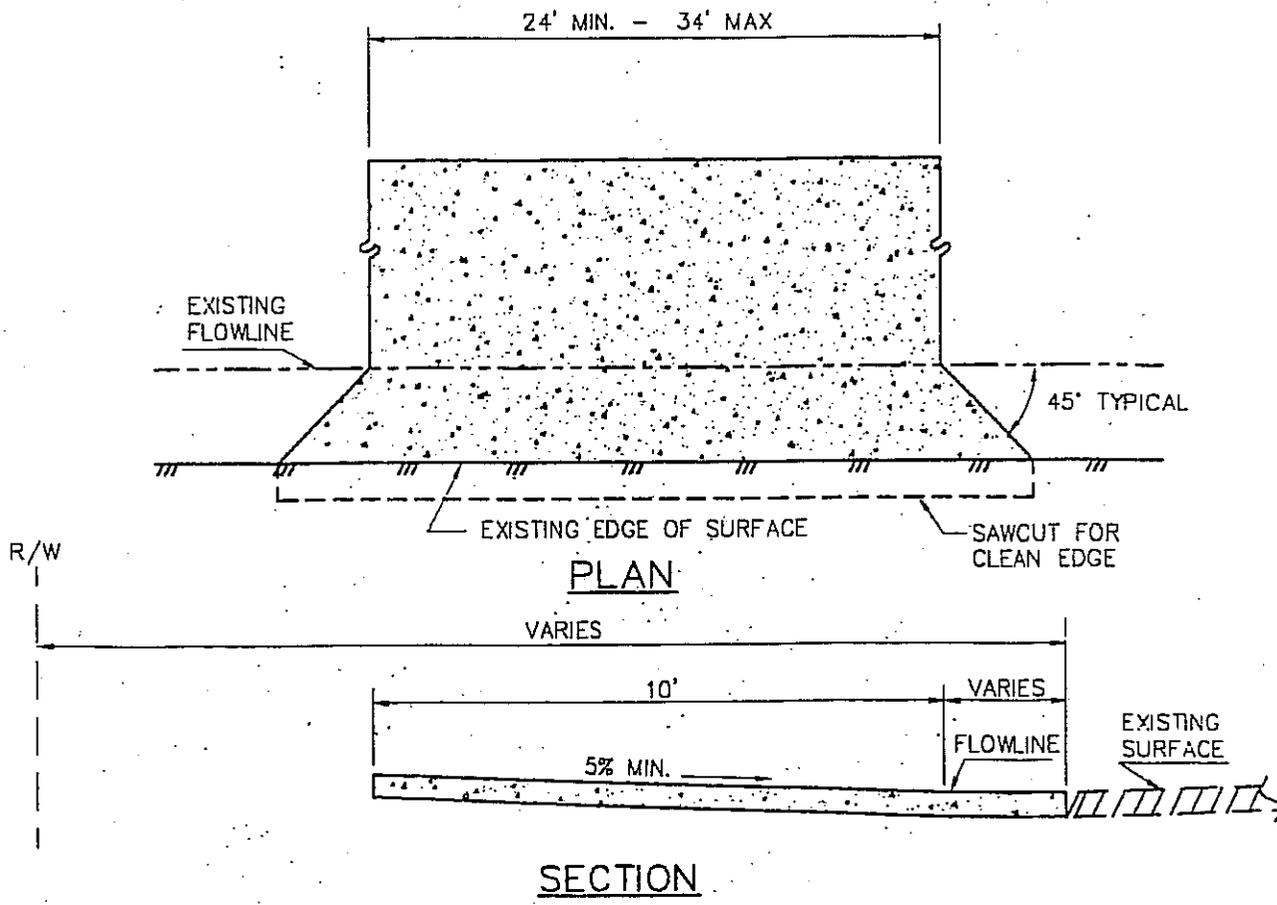
NOTES:

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.
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 THIS DRIVEWAY APPROACH.
8. APARTMENTS OF MORE THAN 4 UNITS SHALL USE THE COMMERCIAL DRIVEWAY APPROACH PLATE.
9. SURFACING SHALL BE PORTLAND CEMENT CONCRETE CLASS "B".

APPROVED BY:

 ARTUR DA ROSA
 TOWN ENGINEER
 1-26-2009
 DATE

STANDARD DRAWING
 RESIDENTIAL DRIVEWAY
 APPROACH

The Town of
YUCCA VALLEY
 No. **211**



NOTES:

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.



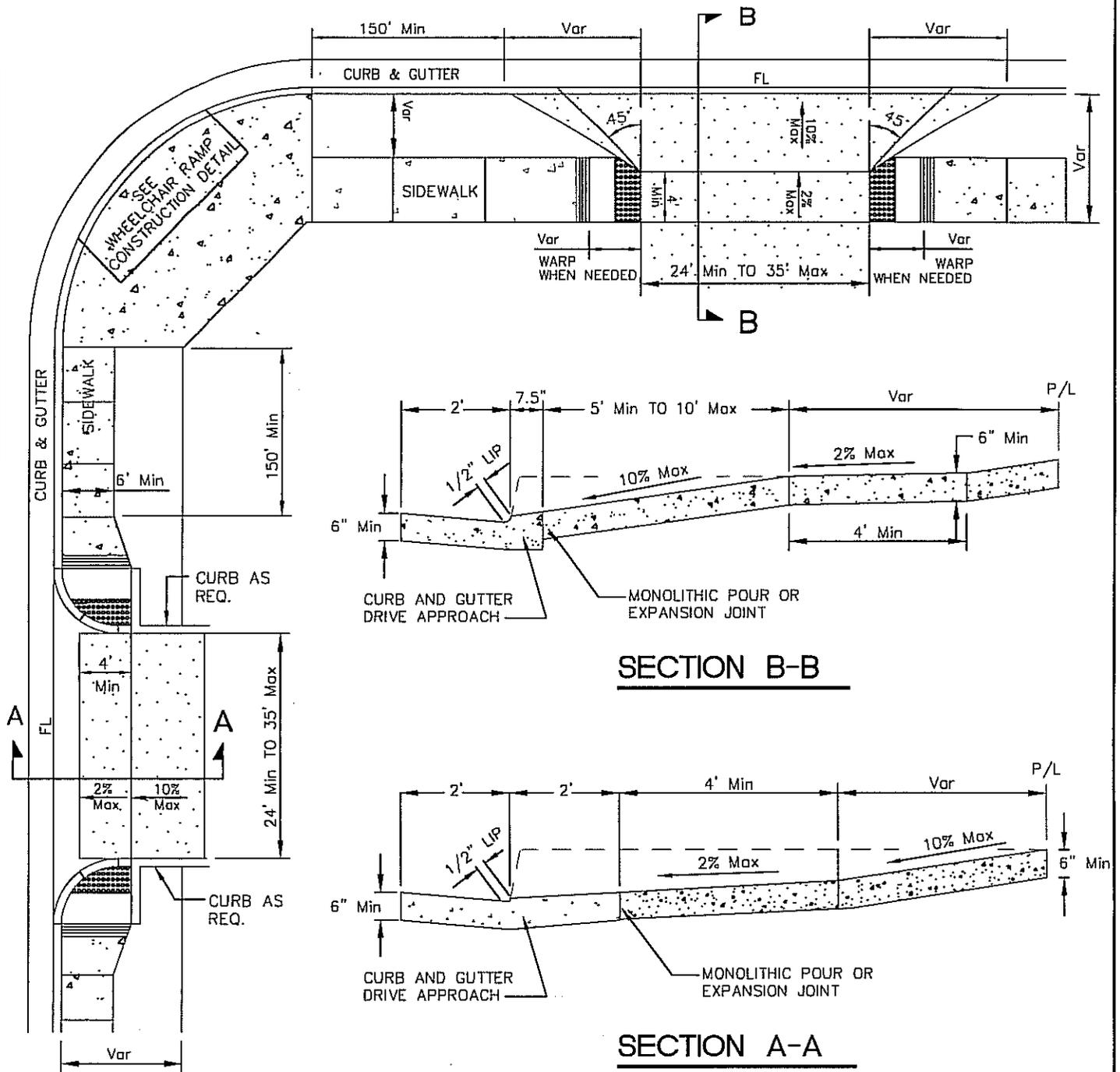
APPROVED:		DATE _____
APPROVED: TOWN ENGINEER		R.C.E. 27943
<i>Robert K. Holt</i>		
REVISION	BY	DATE



Town of
Yucca Valley

COMMERCIAL DRIVEWAY
APPROACH
WITHOUT CURB

STANDARD DRAWING NO. 212



SECTION B-B

SECTION A-A

NOTES:

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".

APPROVED BY:

Arturo Da Rosa
 ARTURO DA ROSA
 TOWN ENGINEER

1-26-2009
 DATE

STANDARD DRAWING

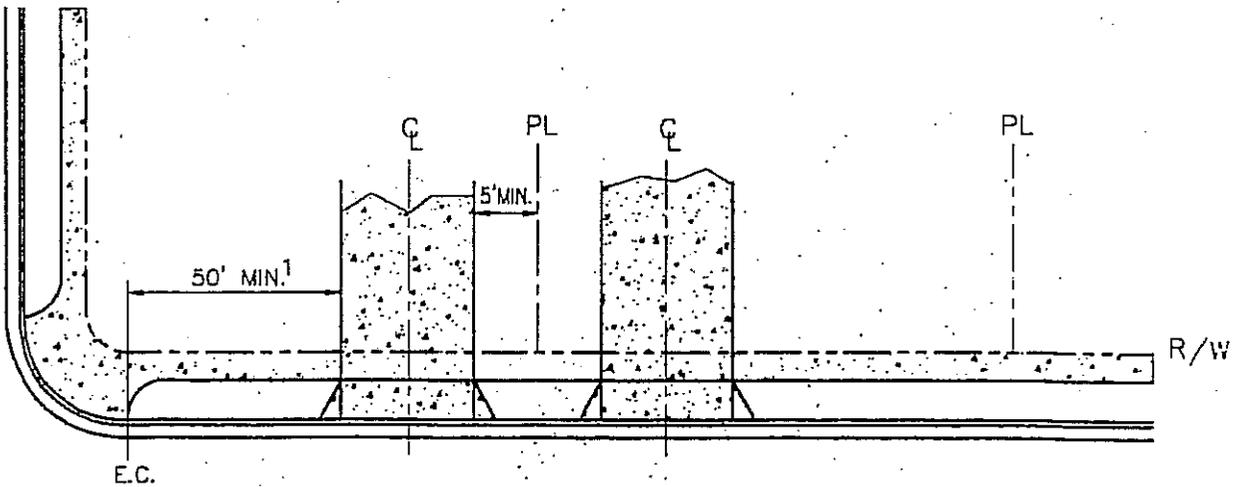
COMMERCIAL DRIVEWAY
 APPROACH

The Town of
YUCCA VALLEY

No. **213**

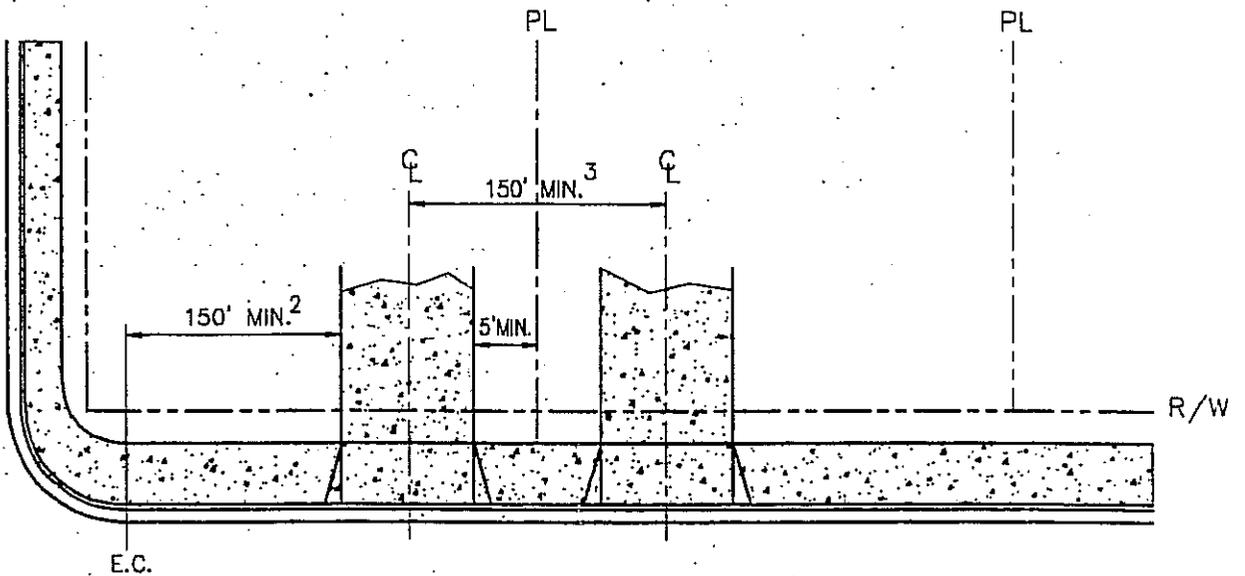
LOCAL STREET - COLLECTOR ROAD

MAJOR HIGHWAY
SECONDARY HIGHWAY

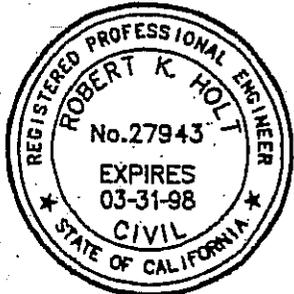


RESIDENTIAL DRIVEWAY

MAJOR HIGHWAY
SECONDARY HIGHWAY



COMMERCIAL DRIVEWAY



NOTES:

- ¹ 75' ON COLLECTOR ROADS, EXCEPT 50' IF ULT. A.D.T. IS LESS THAN 3000.
- ² MAY 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.

APPROVED: _____ DATE _____

APPROVED: TOWN ENGINEER
Robert K. Holt R.C.E. 27943

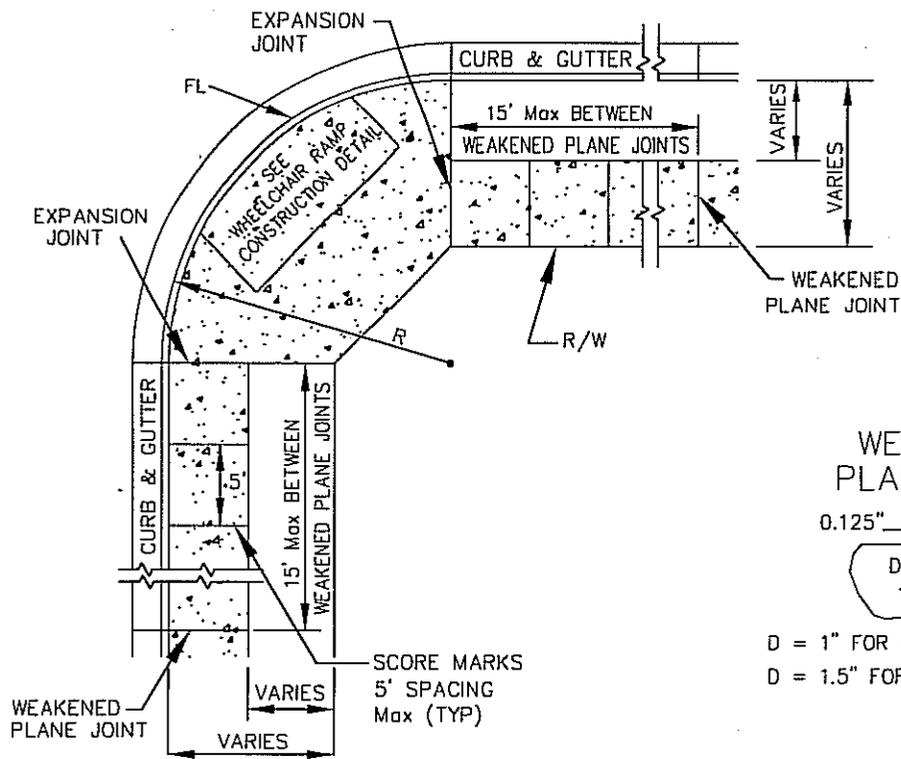


Town of
Yucca Valley

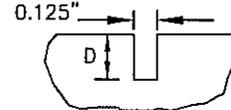
DRIVEWAY SPACING

STANDARD DRAWING NO. 214

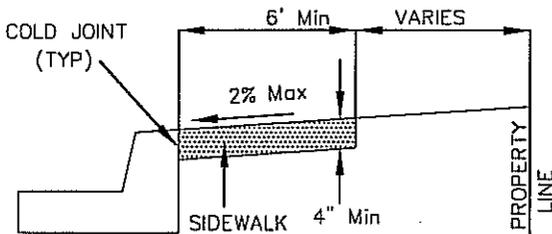
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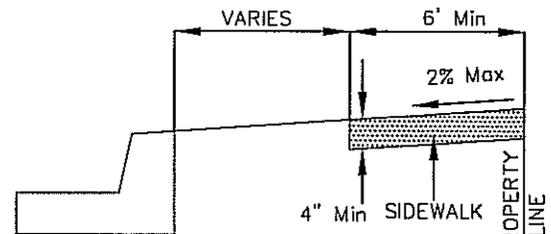
WEAKENED PLANE JOINT



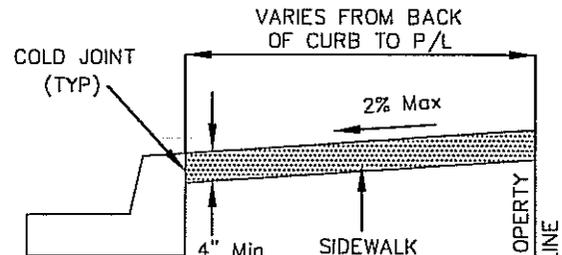
D = 1" FOR 4" THICK CONCRETE
 D = 1.5" FOR 6" THICK CONCRETE



SIDEWALK TYPE 1



SIDEWALK TYPE 2



SIDEWALK TYPE 3

GENERAL NOTES:

1. SUBGRADE PREPARATION SHALL BE CONSTRUCTED TRUE TO GRADE AND CROSS SECTION, WITH COMPACTION OF 95% TO A DEPTH OF 1.0 FEET.
2. 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".
6. ROLL-TOP CURB & GUTTER ONLY ALLOWED IN INDUSTRIAL ZONES WITH APPROVAL OF THE TOWN ENGINEER.
7. 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:

Arturo da Rosa
 ARTUR DA ROSA
 TOWN ENGINEER

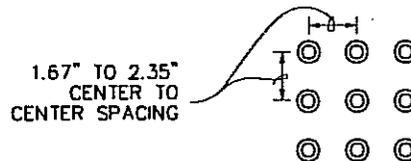
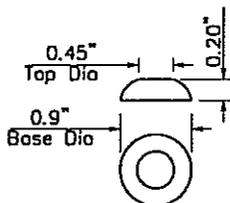
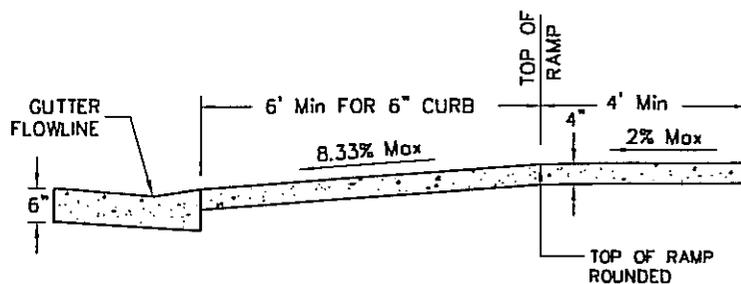
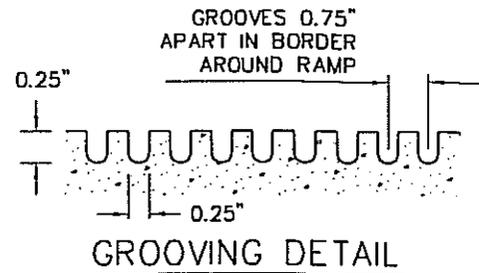
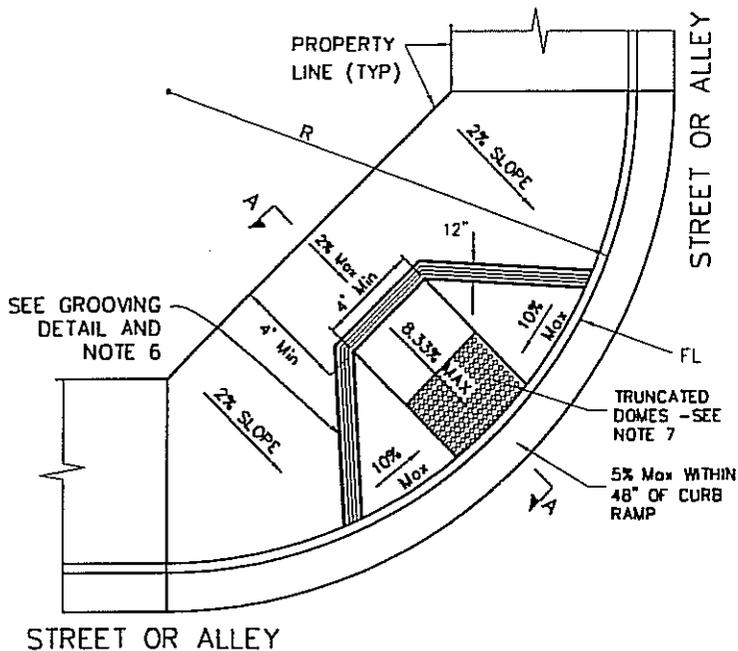
1-26-2009
 DATE

STANDARD DRAWING

SIDEWALK

The Town of
YUCCA VALLEY

No. **220**



RAISED TRUNCATED DOME

RAISED TRUNCATED DOME PATTERN (IN-LINE)

DETECTABLE WARNING SURFACE

R = 25' FOR RESIDENTIAL CURB RETURNS
 R = 35' FOR COMMERCIAL/INDUSTRIAL CURB RETURNS

NOTES:

1. 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.

APPROVED BY:

Arturo da Rosa
 ARTUR DA ROSA
 TOWN ENGINEER

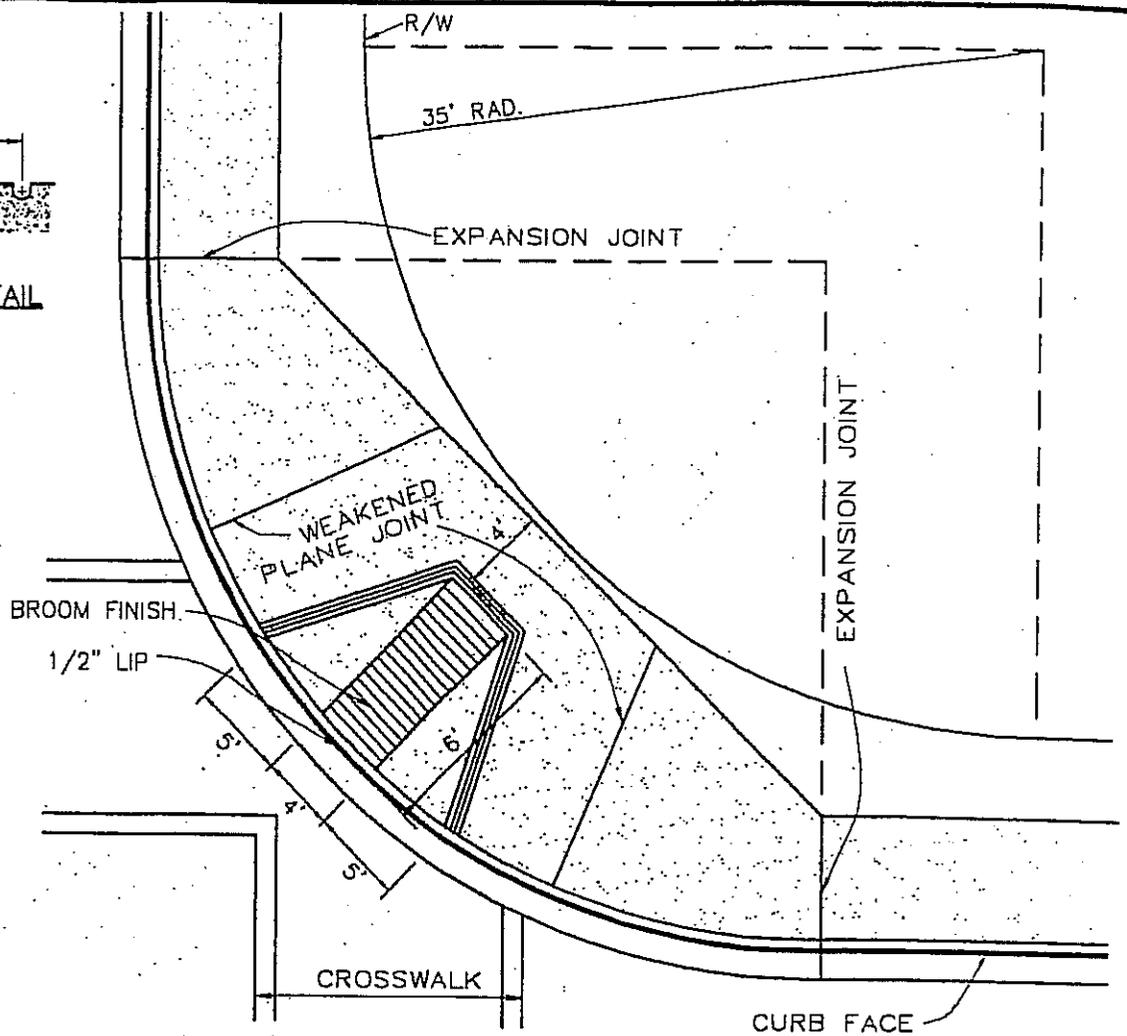
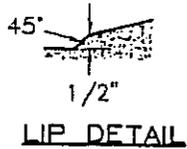
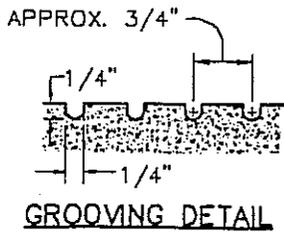
2-3-2009
 DATE

STANDARD DRAWING

WHEELCHAIR RAMP

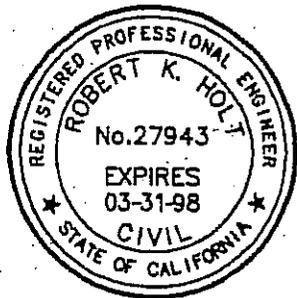
The Town of
YUCCA VALLEY

No. 221



NOTES:

1. RAMP SLOPE SHALL BE 8.33% MAXIMUM.
2. THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" O.C. SEE GROOVING DETAIL.
3. RAMP SURFACE SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
4. 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.



APPROVED: _____ DATE _____

APPROVED: TOWN ENGINEER
Robert K. Holt R.C.E. 27943

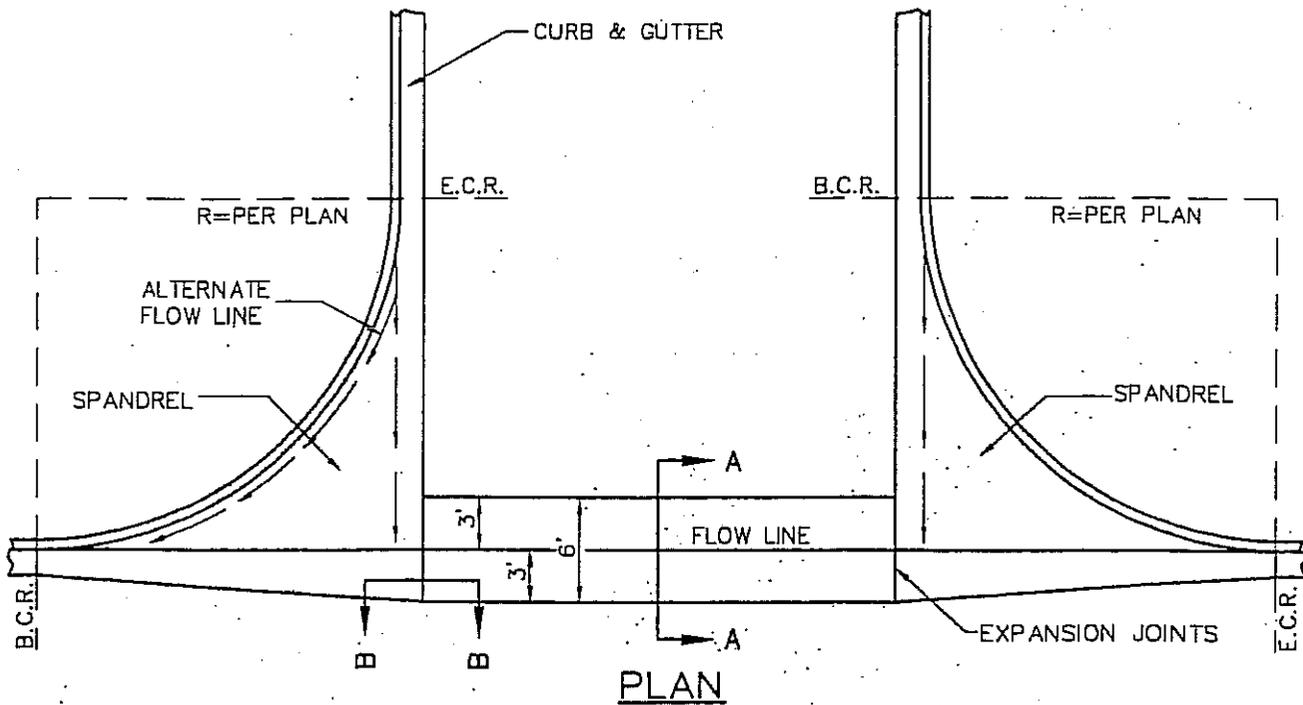


Town of
Yucca Valley

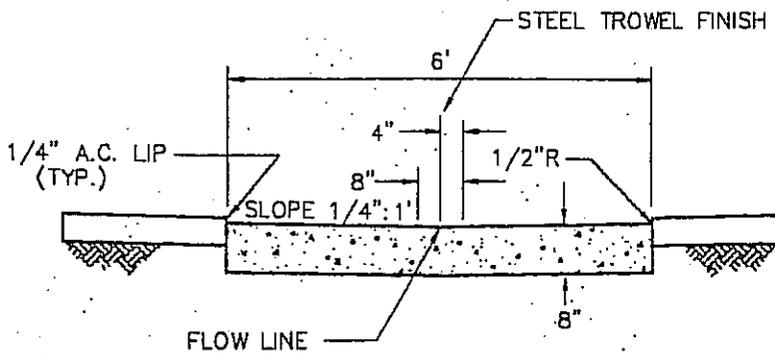
SIDEWALK RAMP

STANDARD DRAWING NO. 222

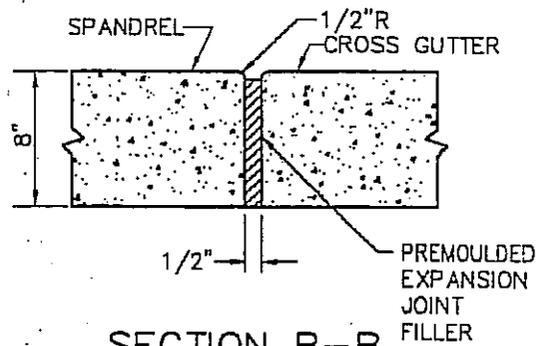
REVISION BY DATE



PLAN



SECTION A-A



SECTION B-B

NOTES:

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

APPROVED: TOWN ENGINEER

Robert K. Holt

R.C.E. 27943



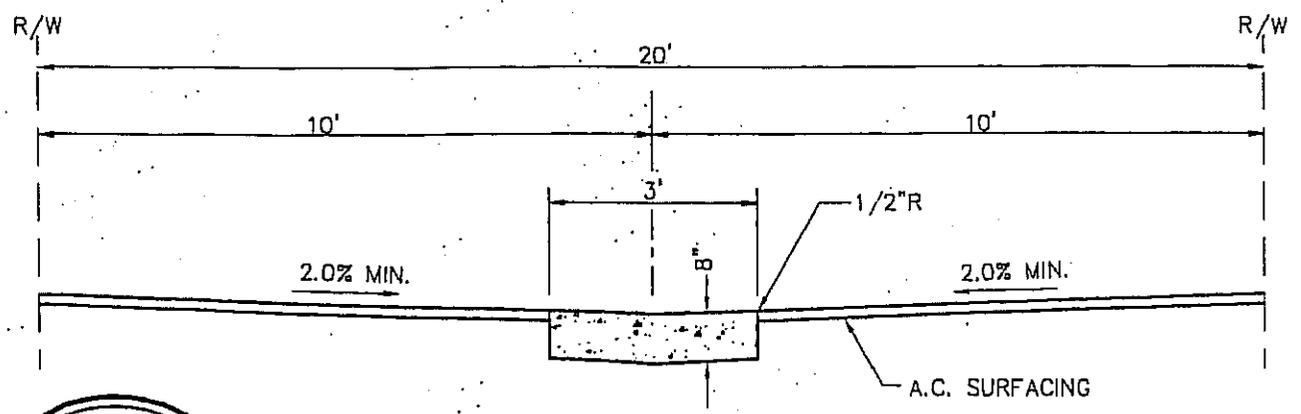
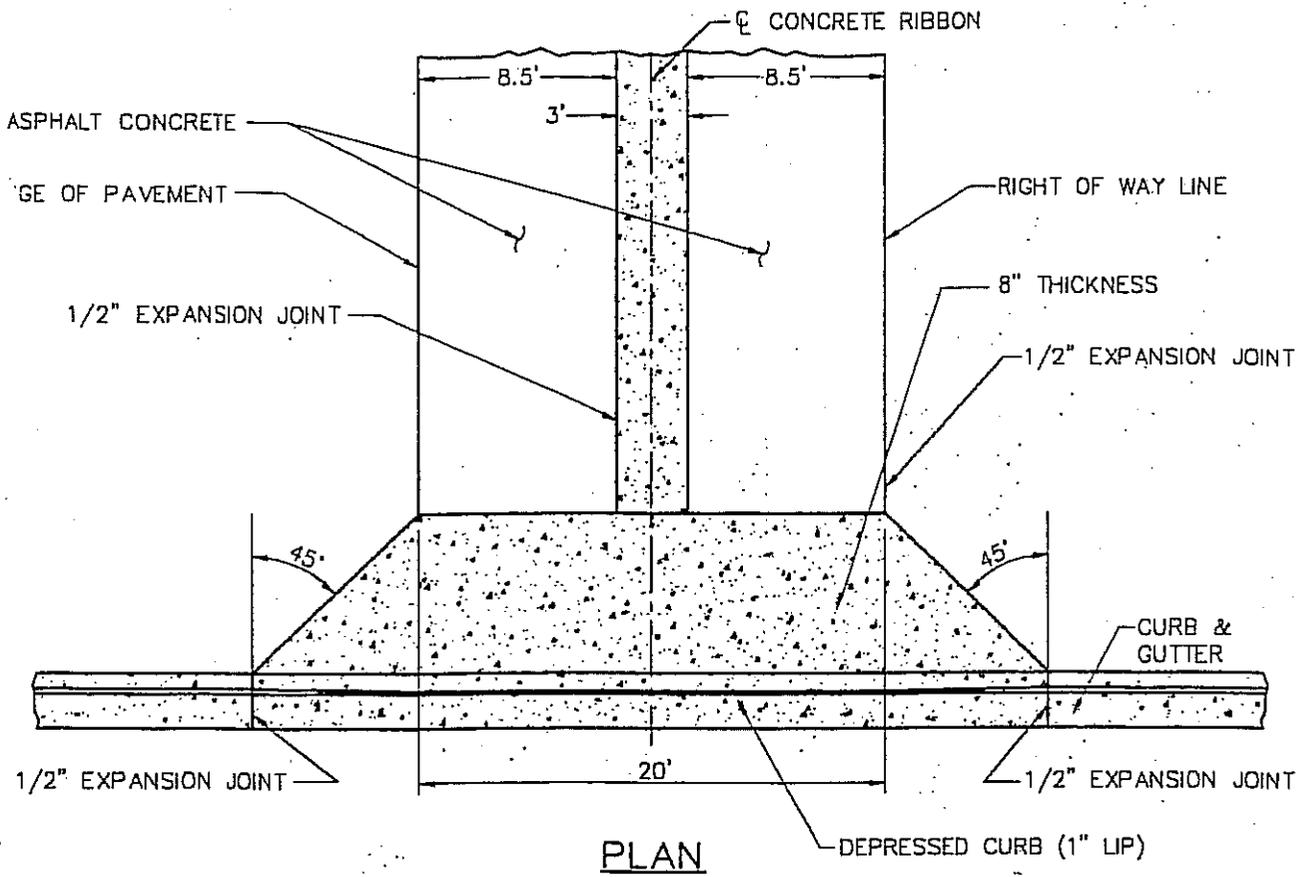
Town of
Yucca Valley

CROSS GUTTER
AND SPANDREL

STANDARD DRAWING NO. 230

REVISION

BY DATE



- NOTES:**
1. CONCRETE RIBBON SHALL BE CONSTRUCTED OF CLASS "B" CONCRETE.
 2. ASPHALT CONCRETE SHALL HAVE A MINIMUM THICKNESS OF FOUR INCHES.
 3. APPROACH SHALL BE CONSTRUCTED AS A COMMERCIAL D/W PER STD. 213.

APPROVED: _____ DATE _____

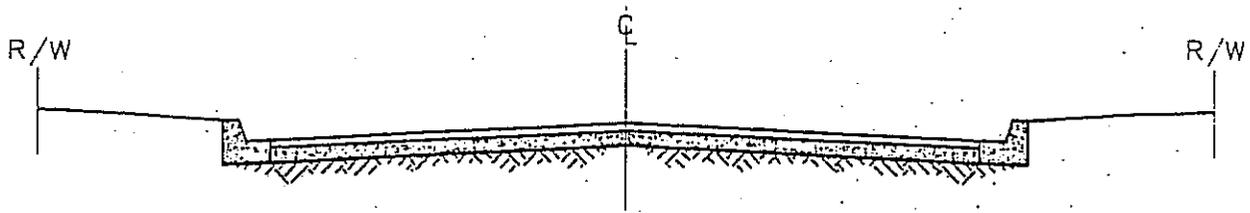
APPROVED: TOWN ENGINEER
Robert K. Holt R.C.E. 27943

REVISION	BY	DATE

Town of
Yucca Valley

ALLEY

STANDARD DRAWING NO. 231



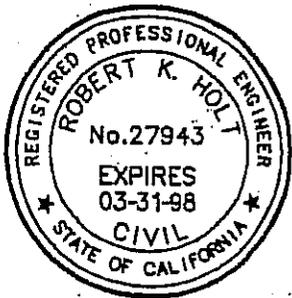
MINIMUM PAVEMENT STRUCTURAL SECTIONS

3 INCHES OF ASPHALT CONCRETE OVER 4 INCHES
OF CLASS 2 AGGREGATE BASE.
OR 4" OF A.C. OVER COMPACTED NATIVE PLACED
IN 2-2" LIFTS.

NOTE: SOIL REPORTS MAY REQUIRE GREATER THICKNESS OF
STRUCTURAL SECTION.

COMPACTION REQUIREMENTS

90% FOR TOP 24", 95% FOR AGG. BASE OR
TOP 6" BELOW ASPHALT CONCRETE PAVEMENT.



APPROVED:

DATE _____

APPROVED: TOWN ENGINEER

Robert K. Holt

R.C.E. 27943



Town of
Yucca Valley

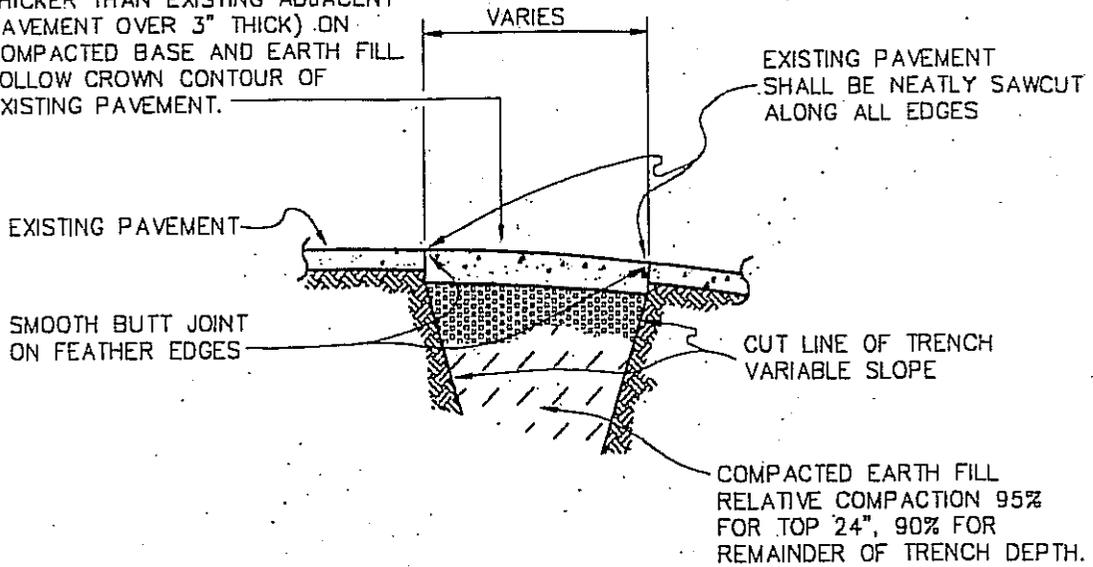
STREET PAVEMENT DESIGN

STANDARD DRAWING NO. 240

REVISION

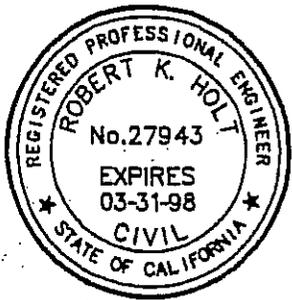
BY DATE

CONSTRUCT MINIMUM 4" A.C. PAVEMENT REPLACEMENT (OR 1" THICKER THAN EXISTING ADJACENT PAVEMENT OVER 3" THICK) ON COMPACTED BASE AND EARTH FILL FOLLOW CROWN CONTOUR OF EXISTING PAVEMENT.



NOTES:

1. IN AREAS WITH CLASS 2 AGG. BASE REPLACE WITH CLASS 2 BASE.
2. COMPACTION ANALYSIS REQUIRED FOR TRENCHES 10 S.F. AND LARGER



APPROVED:	DATE
APPROVED: TOWN ENGINEER <i>Robert K. Holt</i>	R.C.E. 27943
REVISION	BY DATE



Town of
Yucca Valley

TRENCH PAVEMENT
REPLACEMENT DETAIL

STANDARD DRAWING NO. 241