

**CITY OF HEMET
PUBLIC WORKS DEPARTMENT**

STANDARD DRAWINGS

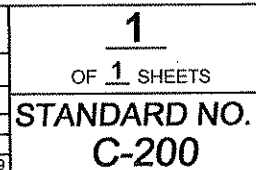
CITY OF HEMET PUBLIC WORKS DEPARTMENT

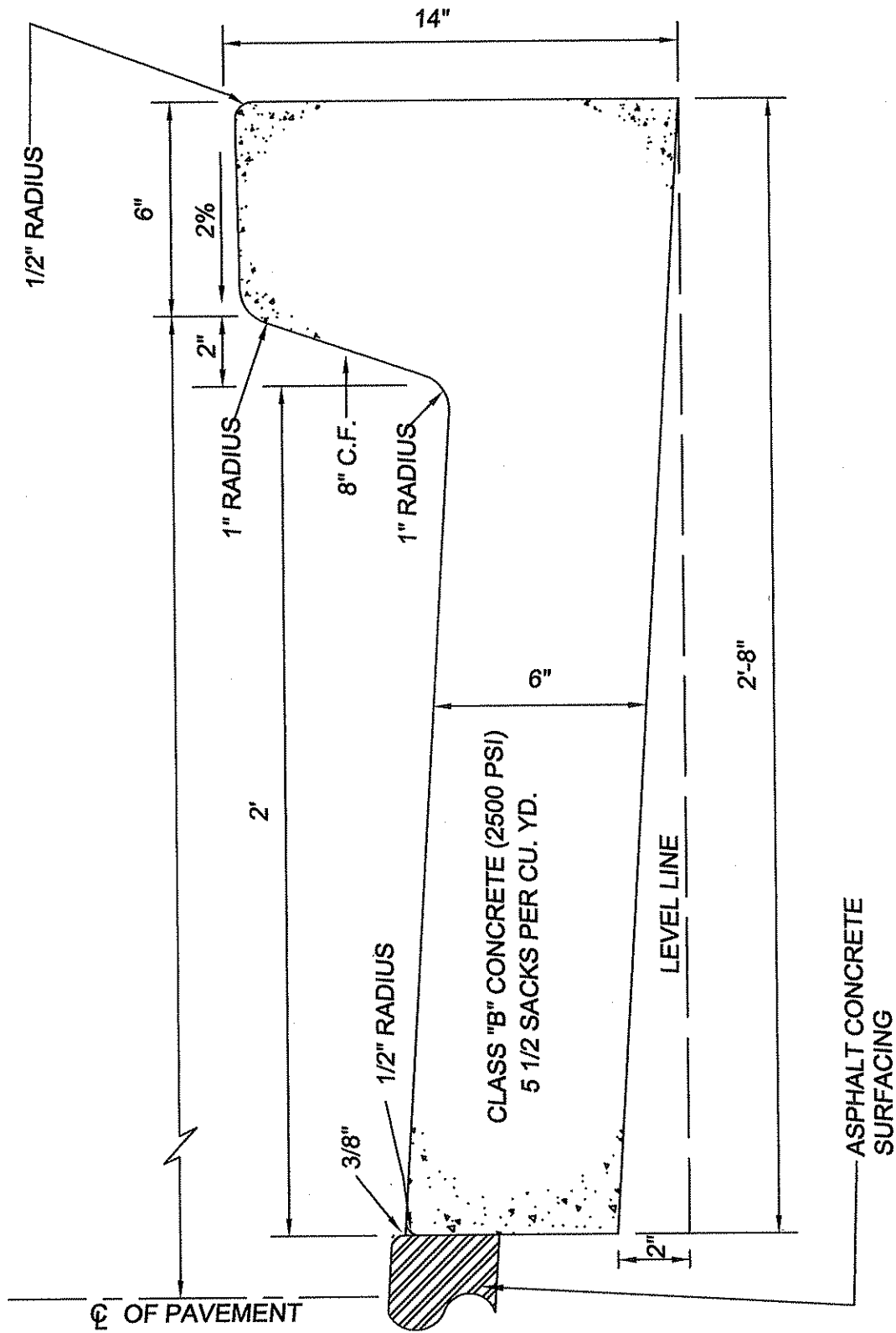
STANDARD DRAWINGS

TABLE OF CONTENTS (Cont.)

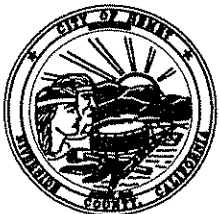
STANDARD No.	MISCELLANEOUS CONCRETE DETAILS
C-200	TYPE "A" CURB (6" C.F.)
C-201	TYPE "B" CURB (8" C.F.)
C-202	TYPE "C" CURB (ROLLED CURB)
C-203	TYPE "D" CURB (CURB ONLY)
C-204	TYPE "E", "F" & "G" CURB
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C-207	CURB & GUTTER TRANSITION
C-208	DRIVE APPROACH
C-209	DEPRESSED CURB FOR DRIVEWAYS
C-210	DEPRESSED CURB FOR DRIVEWAYS
C-210A	DRIVE APPROACH - COMMERCIAL
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C-212	CROSS GUTTER LAYOUT
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C-216B	CURB RAMP IN RESTRICTED RIGHT-OF-WAY

Text in **BOLD ITALICS** indicates 2011 revisions.





NOTE: ADD A 3" SHINER AT THE FLOWLINE



City of Hemet
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
510 E. FLORIDA AVENUE
HEMET, CA 92543
(951) 765-2360

TYPE "B" CURB

MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164	MAR 2009
	DATE
REVISIONS	
N:\PW4100\COH_STDS\REVISIONS\CONCRETE\C-201.dwg	
N.Beltran 2009	

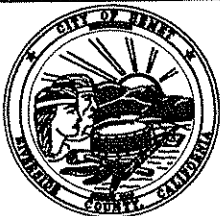
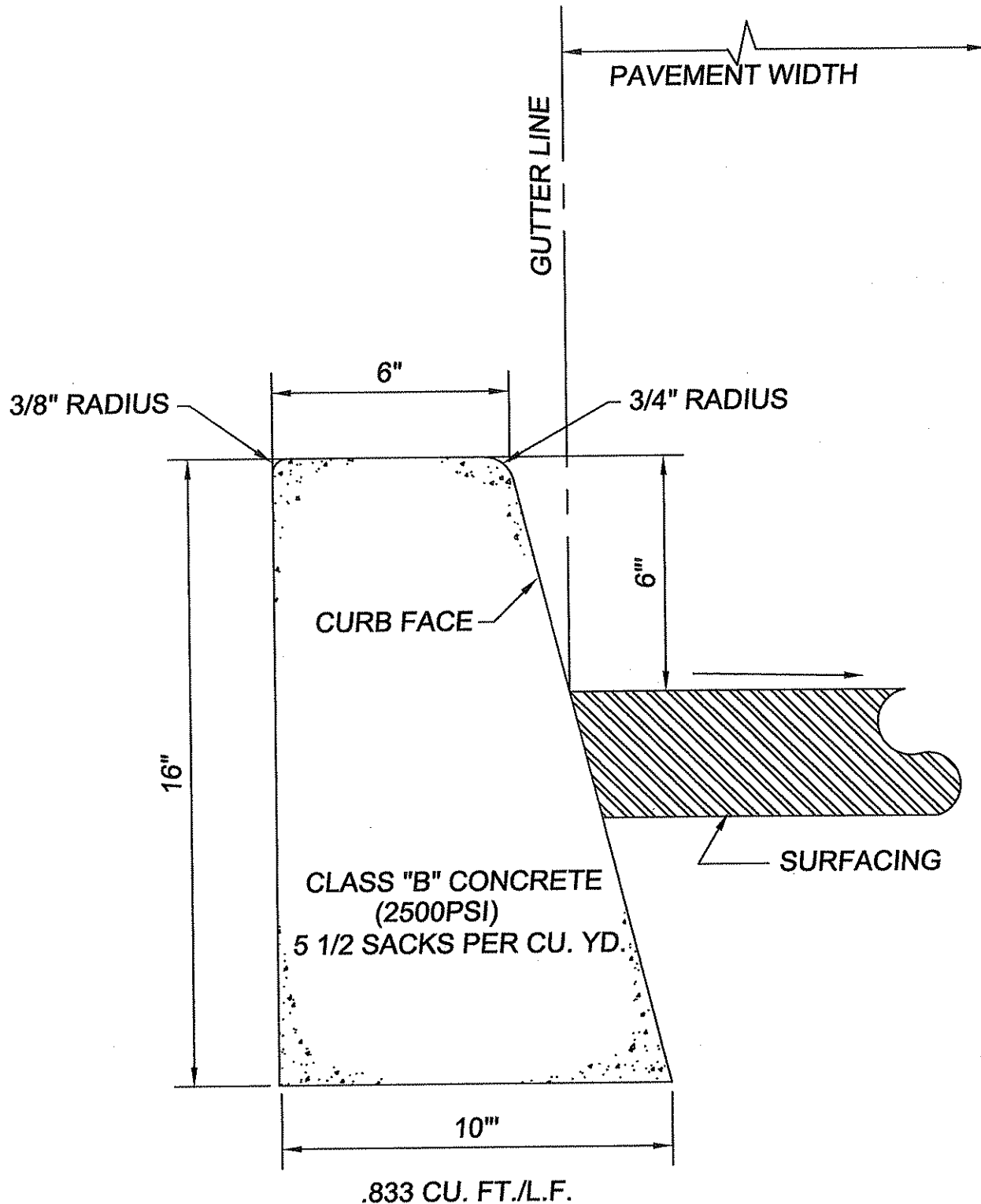
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OF 1 SHEETS
STANDARD NO.
C-201



		MAR 2009
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164		DATE
REVISIONS		
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1
OF 1 SHEETS

STANDARD NO.
C-202



City of Hemet
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

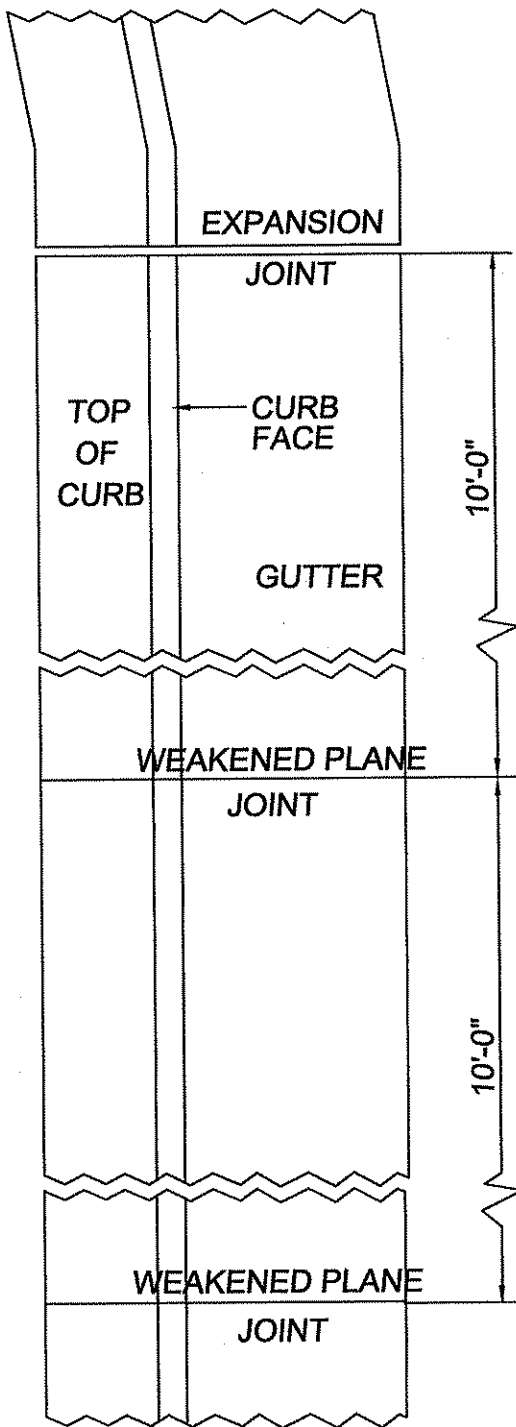
510 E. FLORIDA AVENUE
HEMET, CA 92543
(951) 766-2360

TYPE "D" CURB

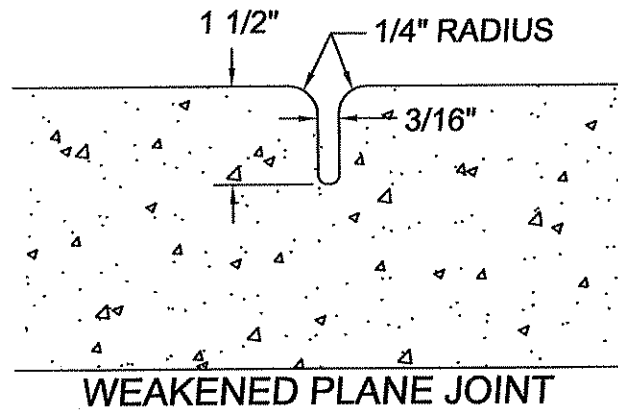
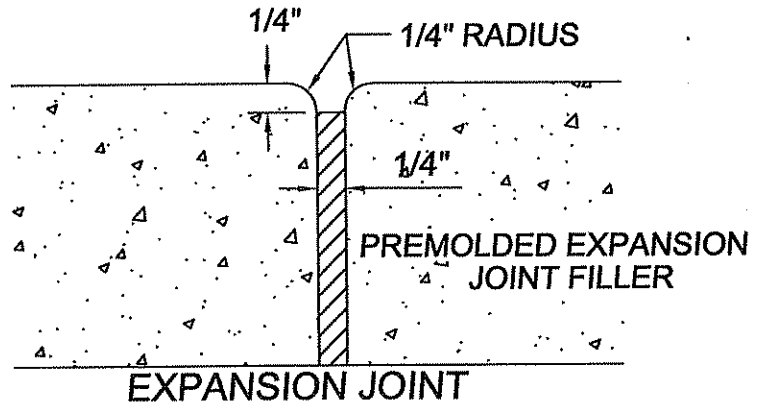
<i>Michael A. Gow</i>	MAR 2009
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164	DATE
REVISIONS	
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N.Beltran 2009	

1
OF 1 SHEETS

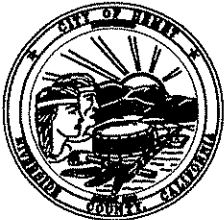
STANDARD NO.
C-203



TYPICAL PLAN



EXPANSION JOINTS TO BE INSTALLED AT ALL CURB RETURNS.

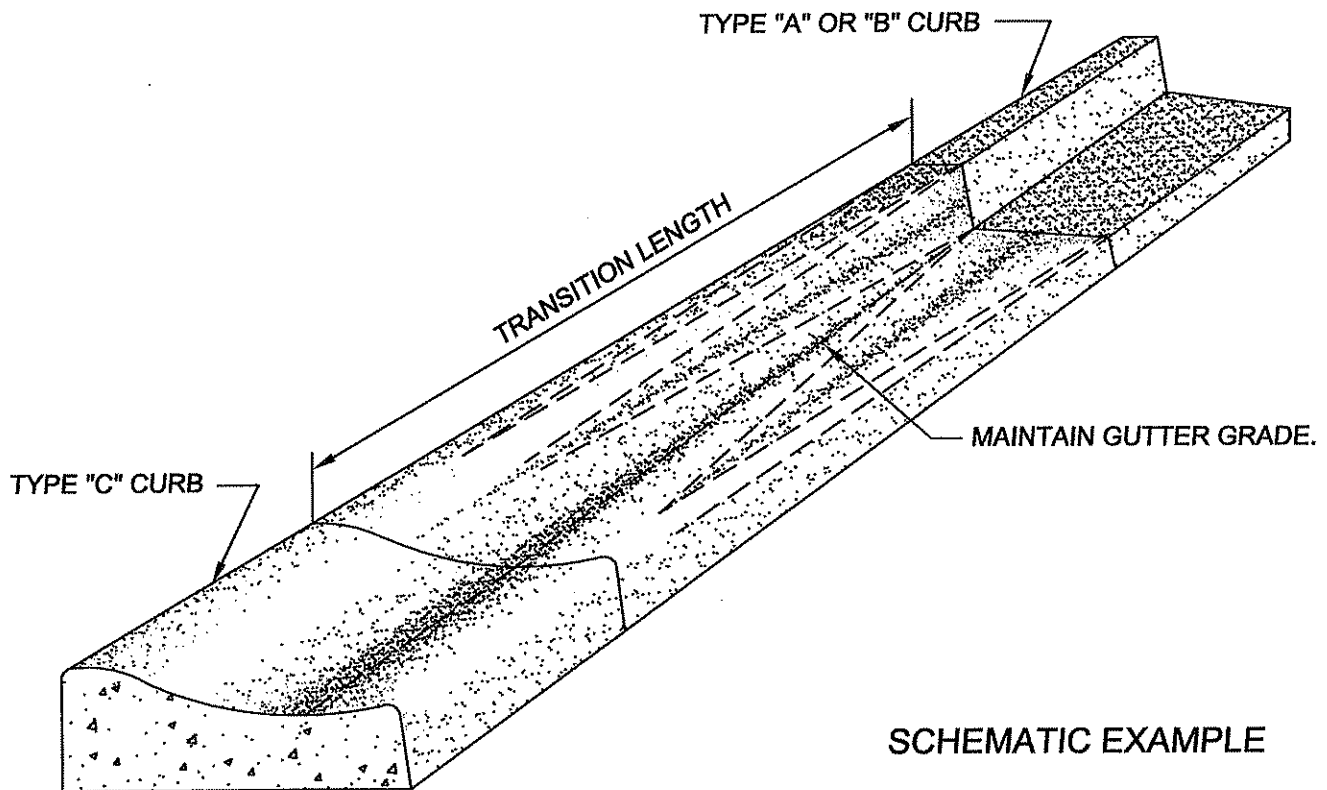
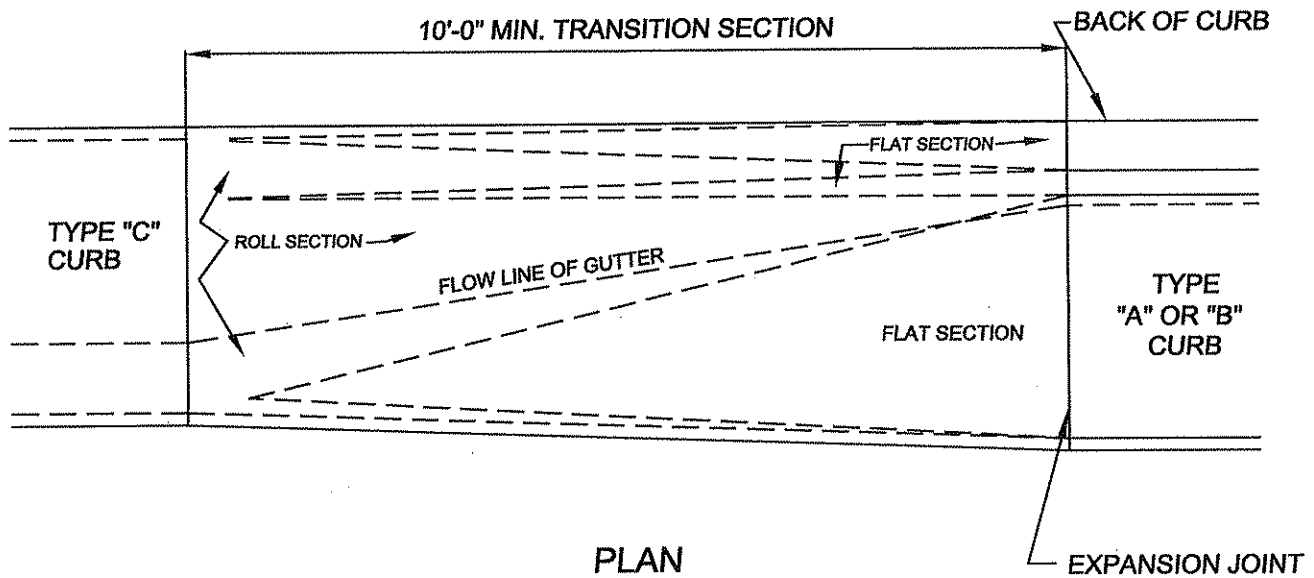


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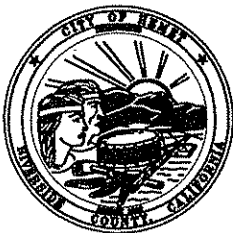
CURB AND GUTTER JOINTS

Michael A. Gow
 MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164
 MAR 2009
 DATE
 REVISIONS
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1
 OF 1 SHEETS
STANDARD NO.
C-205



CLASS "B" CONCRETE
(2500 PSI)

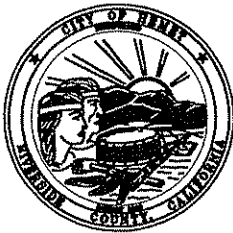
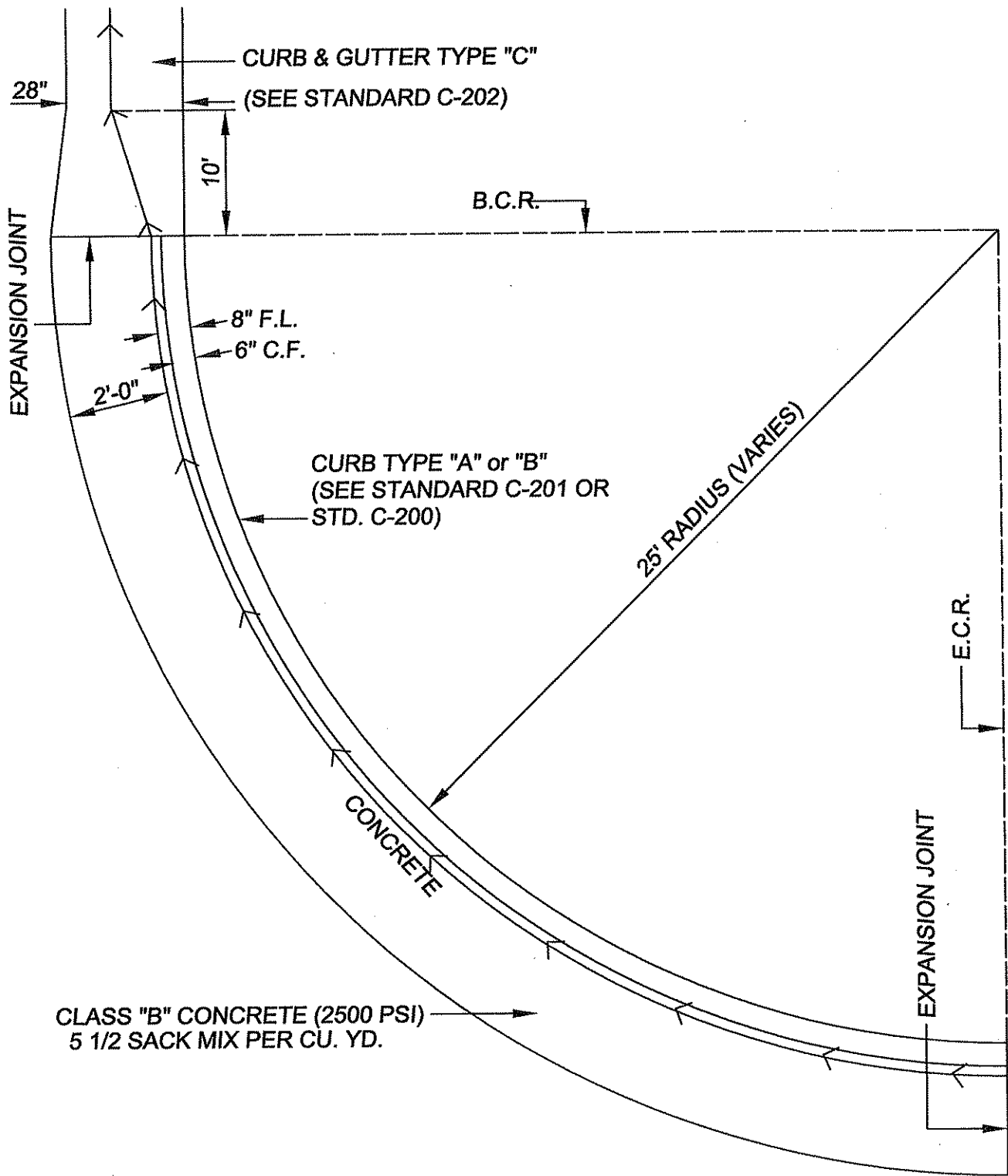


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**CURB TRANSITION
ON TANGENT**

Michael A. Gow
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164
MAR 2009 DATE
REVISIONS
N:\PW\4100\COH_STDS\REVISIONS\CONCRETE\C-206.dwg N.Beltran 2009

1
OF **1** SHEETS
STANDARD NO.
C-206



City of Hemet
PUBLIC WORKS DEPARTMENT
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 (951) 765-2360

**CURB & GUTTER
 TRANSITION**

 MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164		MAR 2009
REVISIONS		DATE
N:\PWW4100\COH_STDS\REVISIONS\CONCRETE\C-207.dwg		N.Beltran 2009

1
 OF **1** SHEETS
STANDARD NO.
C-207

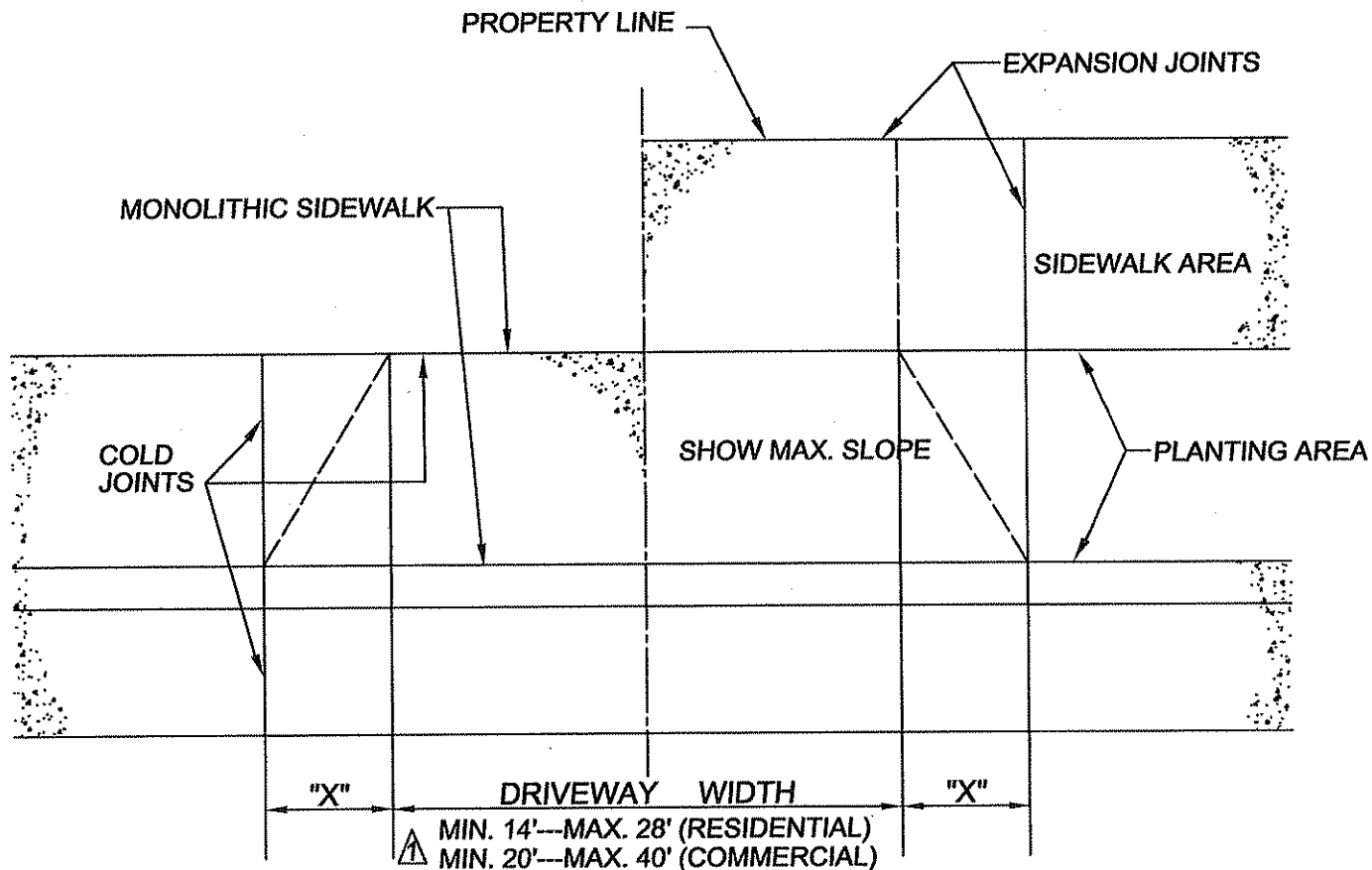


TABLE OF "X" DIMENSIONS

HEIGHT OF CURB FACE	COMMERCIAL	RESIDENTIAL
6"	4' - 0"	3' - 0"
8"	4' - 0"	4' - 0"

SEE STD. C-210 & C-210A FOR DRIVEWAY WIDTHS AND SECTIONS.

SEE STD. C-209 FOR DEPRESSED CURB SECTIONS.

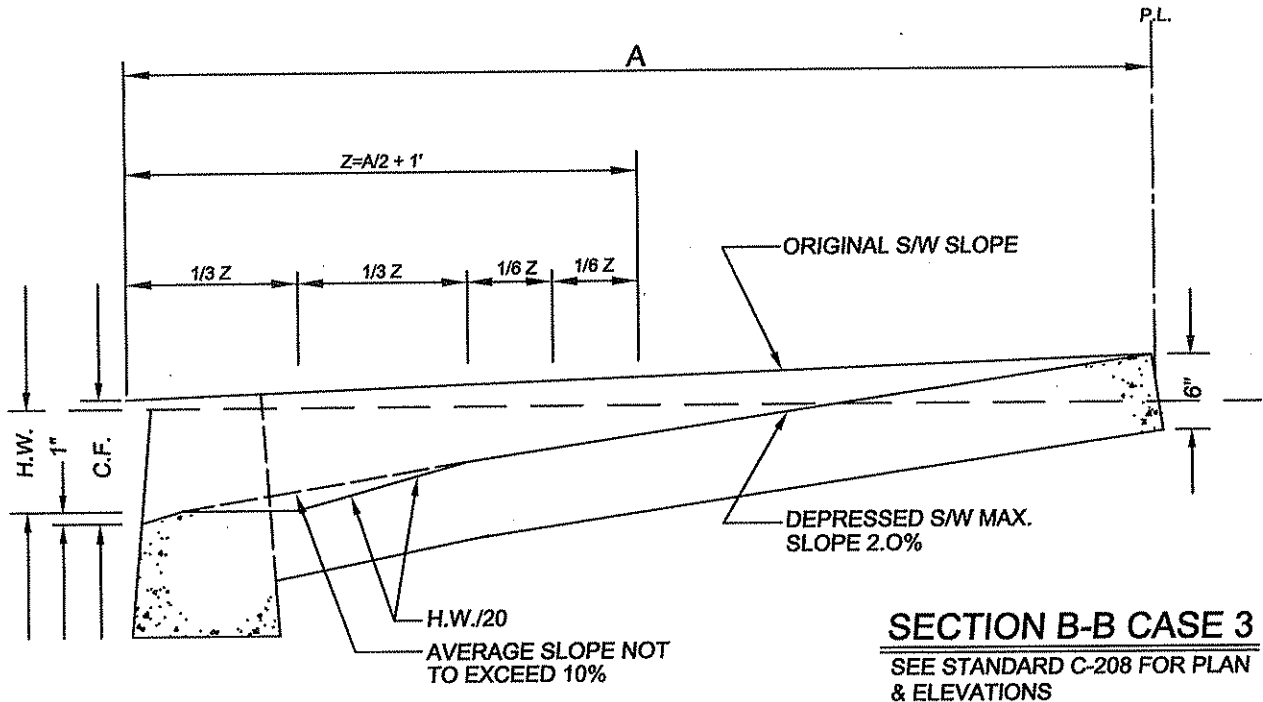
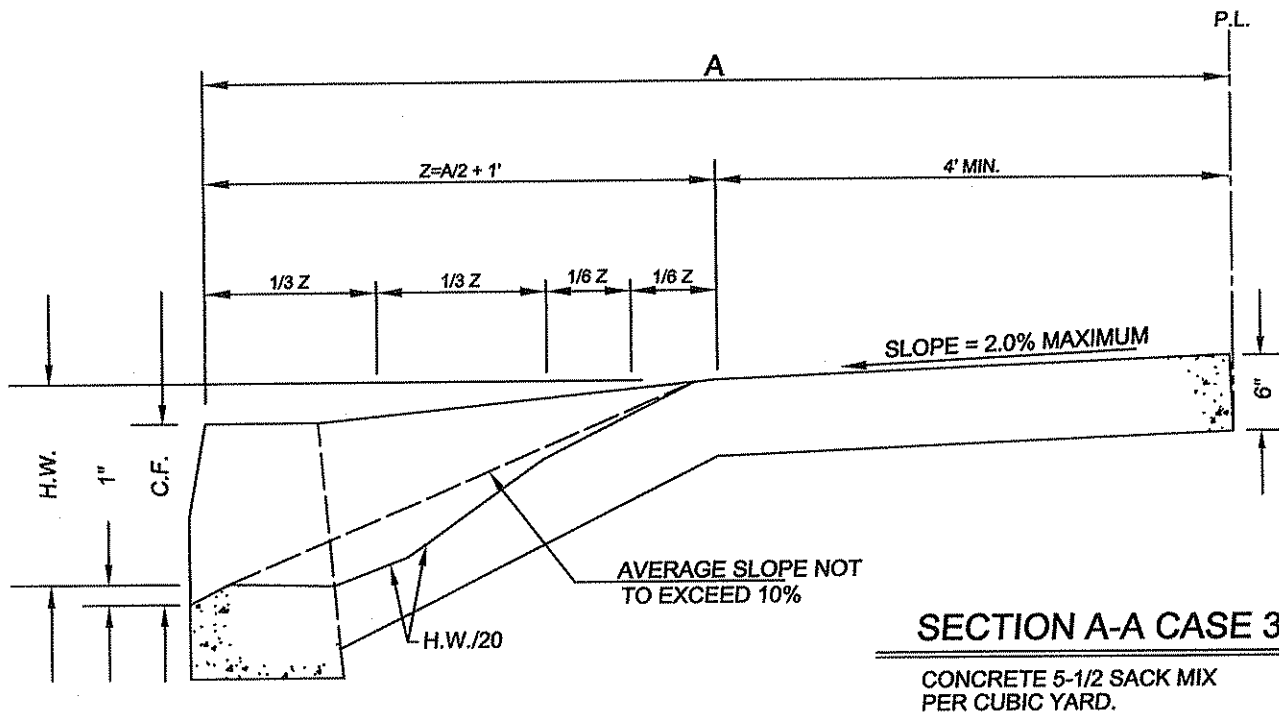


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DRIVE APPROACH

	MAR 2011
JORGE L. BIAGIONI, PRINCIPAL ENGINEER R.C.E. 33751	DATE
REVISIONS	
MARCH 2011 REVISED DIMENSIONS	
N:\PW4100\COH_STDS\REVISIONS\CONCRETE\C-208.dwg	N.Beltran 2011

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 OF 1 SHEETS
STANDARD NO.
C-208



NOTE:

1. SECTION B-B FOR USE IN PLACE OF SECTION A-A ONLY WHEN AVERAGE SLOPE IN SECTION A-A EXCEED 10%.
2. WHERE ABOVE LIMITING SLOPES (10% ON RAMP & 6% ON DEPRESSED S/W) CANNOT BE MET BECAUSE OF HEIGHT OF CURB OR NARROW WIDTH OF S/W, DEPRESS BACK EDGE OF WALK UNTIL SLOPES ARE OBTAINED, BUT THE LONGITUDINAL S/W SLOPES OUTSIDE THE LIMITS OF THE DRIVEWAY TO MEET THE DEPRESSED WALK, SHALL NOT EXCEED 6%.

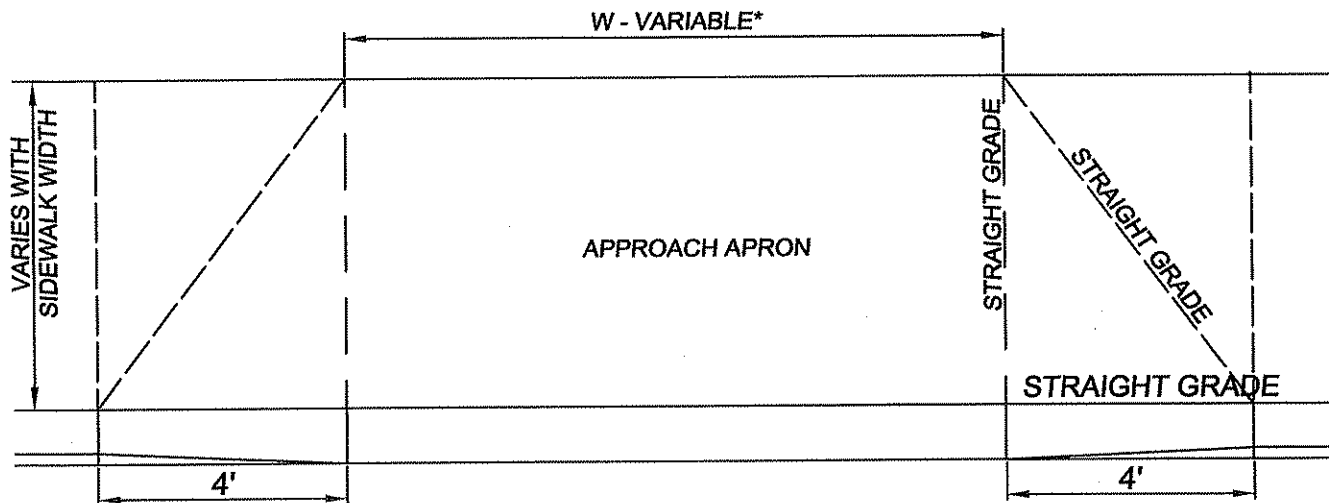


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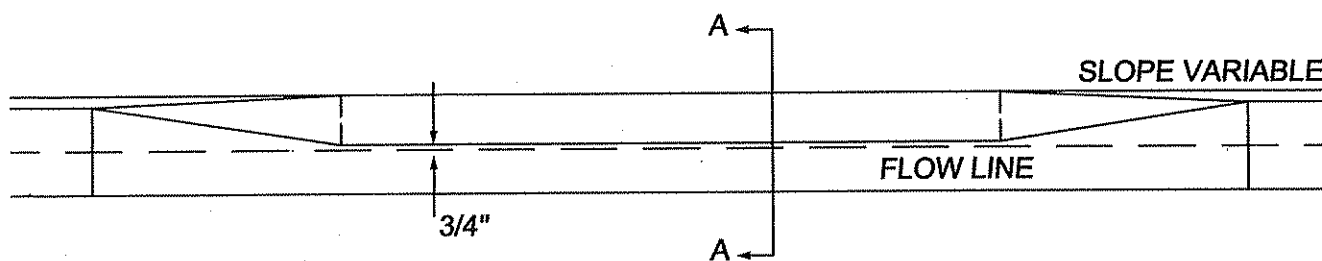
**DEPRESSED CURB
FOR DRIVEWAYS**

MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164	MAR 2009
	DATE
REVISIONS	
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N.Beltran 2009	

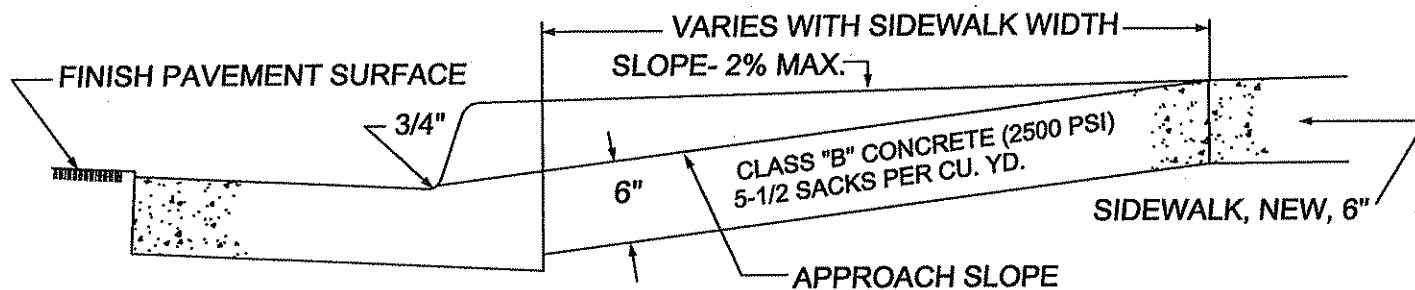
1
OF 1 SHEETS
STANDARD NO.
C-209



PLAN



FRONT ELEVATION



SECTION A - A

NOTE: - "W" DIMENSION - 2X (MINIMUM 30")

APPROACH SHALL SLOPE TO PROPERTY LINE ON 50' R/W.

*40' MAX. FOR COMMERCIAL DRIVE. 20' MIN.

*14' MAX. FOR ONE CAR DRIVE.

*20' MAX. FOR TWO CAR DRIVE.

*28' MAX FOR THREE CAR DRIVE.

*ANY EXCEPTIONS TO THE ABOVE DIMENSIONS MUST BE APPROVED BY THE DEPT. OF PUBLIC WORKS.

CIRCULAR DRIVES, SEE BLDG. DEPARTMENT.



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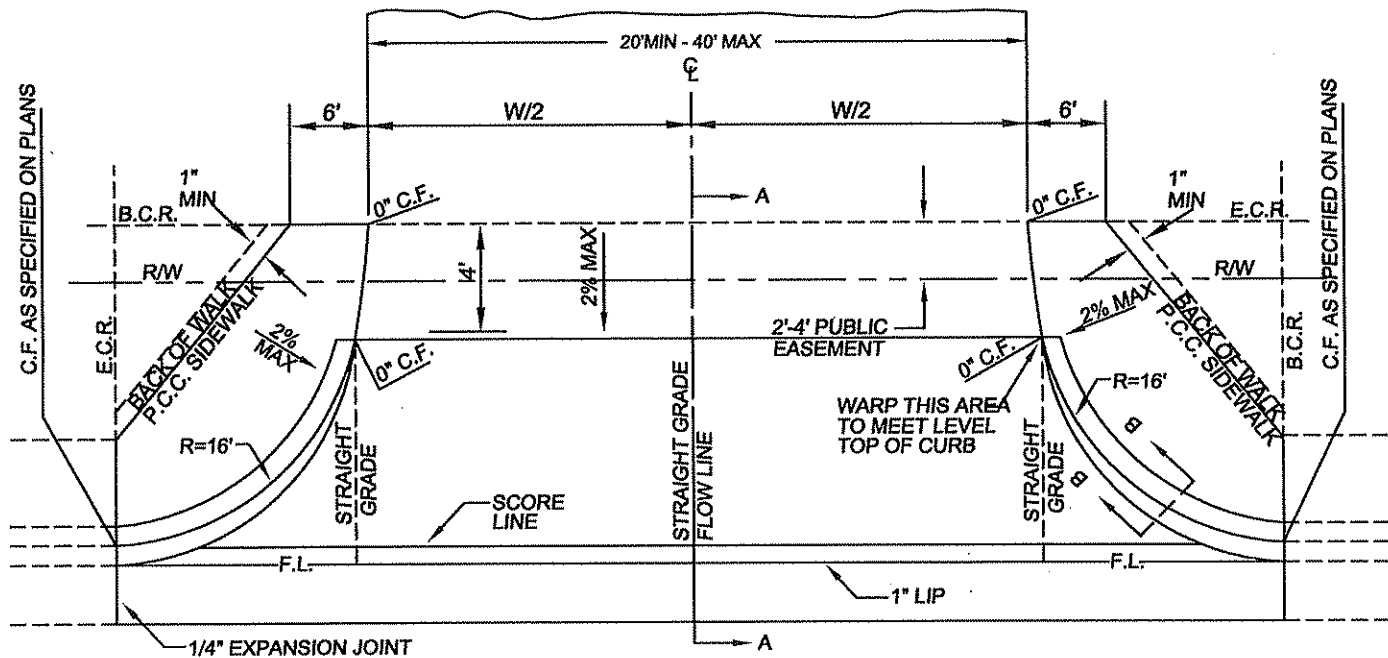
**DEPRESSED CURB
FOR DRIVEWAYS**

<i>Michael A. Gow</i>		MAR 2009
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164		DATE
REVISIONS		
N:\PWA100\COH_STDS\REVISIONS\CONCRETE\C-210.dwg		N.Beltran 2009

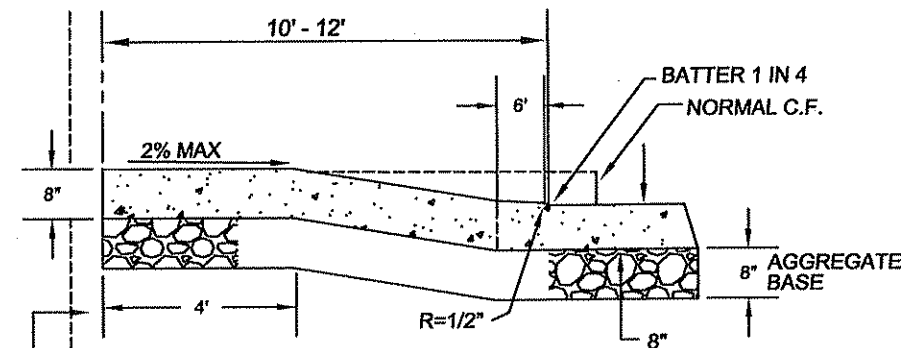
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OF **2** SHEETS

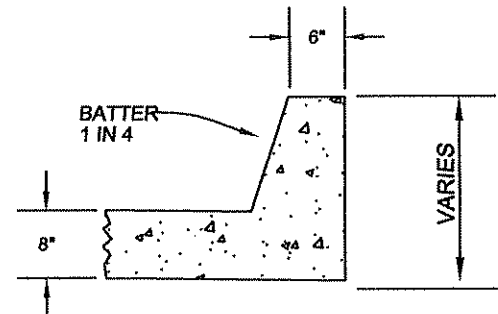
**STANDARD NO.
C-210**



PLAN VIEW
N.T.S.



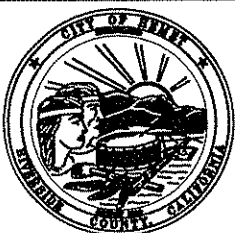
SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

NOTES:

1. APPROACHES EXCEEDING 20' IN WIDTH SHALL BE SCORED 1 1/2" DEEP AT CENTER OF APPROACH.
2. CONCRETE SHALL BE CLASS 560-C-3250 OVER 8" AGGREGATE BASE.
- △ 3. APPROVAL IS REQUIRED FROM THE PUBLIC WORKS DEPARTMENT AND FIRE DEPARTMENT FOR PROPOSED MEDIANS.

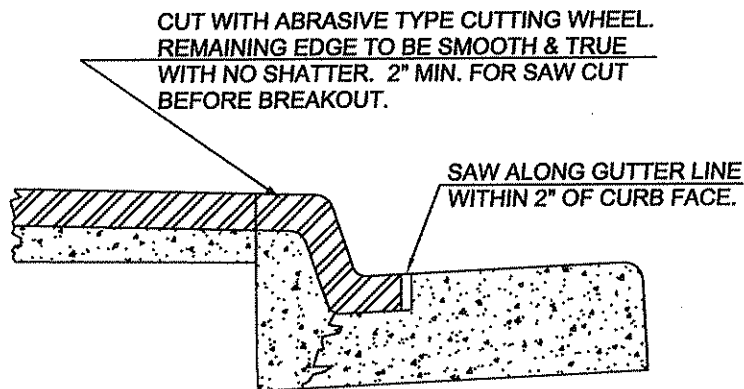


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HEMET, CA 92543
(951) 765-2360

COMMERCIAL DRIVEWAY

		MAR 2011
JORGE L. BIAGONI, PRINCIPAL ENGINEER R.C.E. 33751		DATE
REVISIONS		
A MAR 2011 REVISED NOTES		
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N.Beltran 2011		

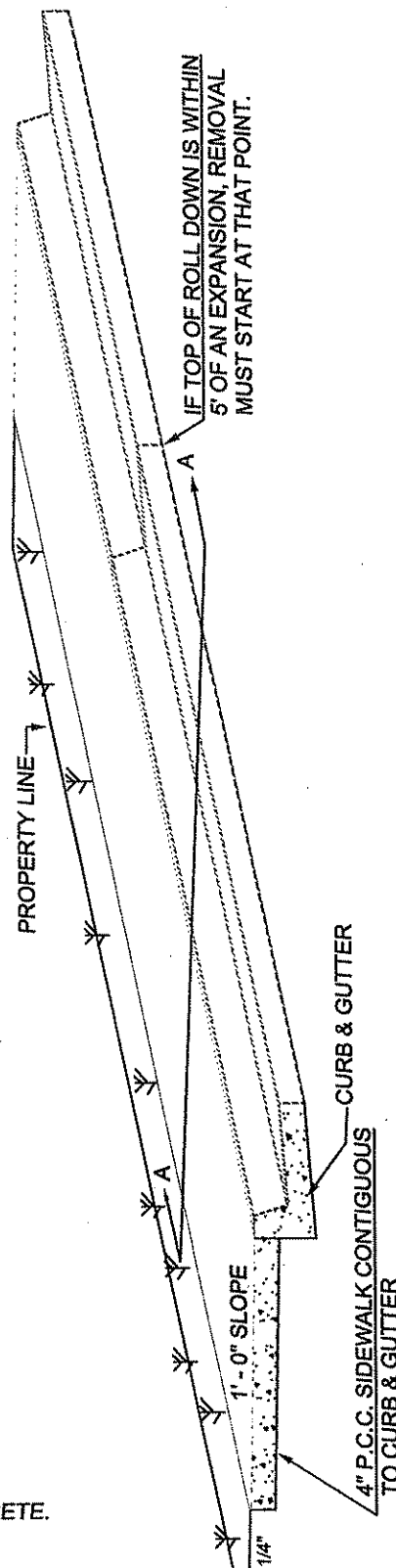
2
OF 2 SHEETS
STANDARD NO.
C-210A



SECTION A-A

GENERAL NOTES

1. PUBLIC WORKS PERMIT MUST BE OBTAINED BEFORE ANY CURB & GUTTER OR SIDEWALK CAN BE REMOVED.
2. CONSULT PUBLIC WORKS INSPECTOR BEFORE STARTING REMOVAL.
3. REFER TO CITY OF HEMET STANDARD DRAWINGS FOR CONSTRUCTION OF CONC. DRIVEWAY. (C-208, C-209, C-210)
4. CUT AND BROKEN EDGES MUST BE COATED WITH MARITIME PRODUCTS CO.'S #5 MARINE CONCRETE BONDER OR EQUIVALENT AT LEAST TWO HOURS BEFORE PLACING CONCRETE.



**DETAIL FOR REMOVAL
OF CURB & GUTTER & SIDEWALK**



City of Hemet

PUBLIC WORKS DEPARTMENT

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610 E. FLORIDA AVENUE
HEMET, CA 92543
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Michael A. Gow
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164

MAR 2009

DATE

REVISIONS

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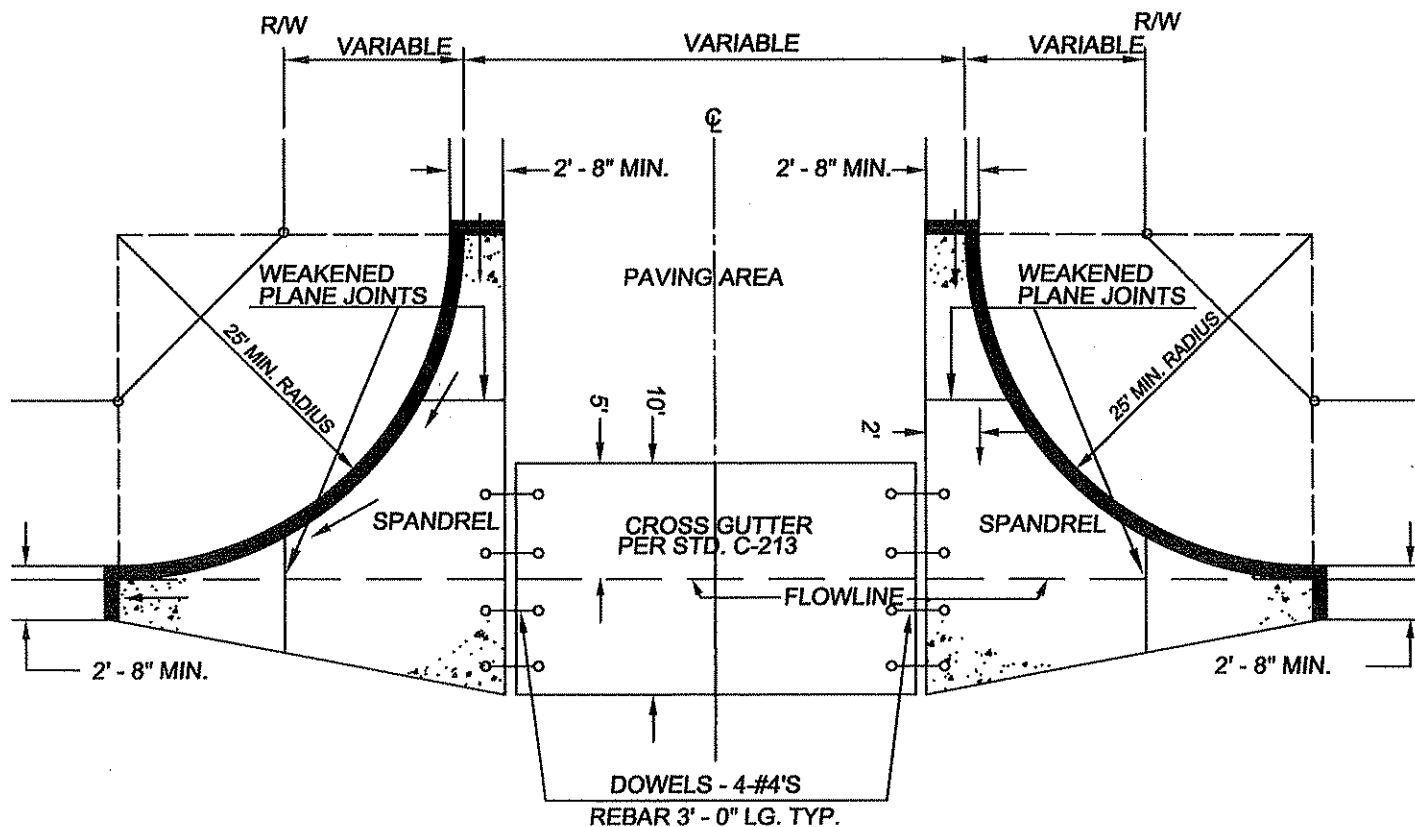
N.Beltran 2009

1

OF 1 SHEETS

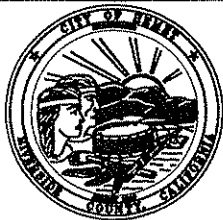
STANDARD NO.

C-211



NOTES:

1. CROSS GUTTER FOR USE WITH TYPES "A" AND "B" CURB
2. DOWELS SHOWN AS: ○—○
3. APRON THICKNESS TO BE 8" MINIMUM
4. CROSS GUTTER THICKNESS TO BE 8" MINIMUM
5. 3250 PSI CONCRETE
6. PLACE 6" AGG. BASE UNDER ENTIRE SPANDREL AREA AND CROSS GUTTER UNLESS OTHERWISE SPECIFIED BY PUBLIC WORKS DEPT.
7. ADD 6" SHINER AT FLOWLINES

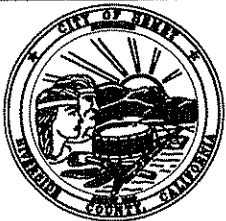
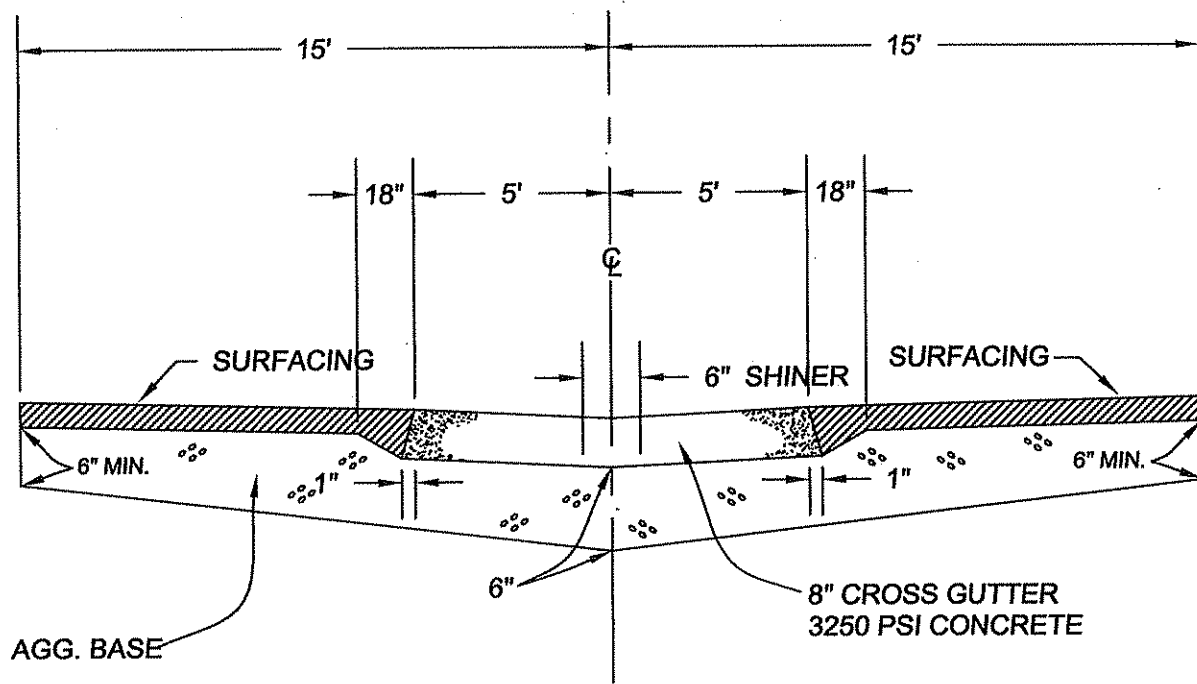
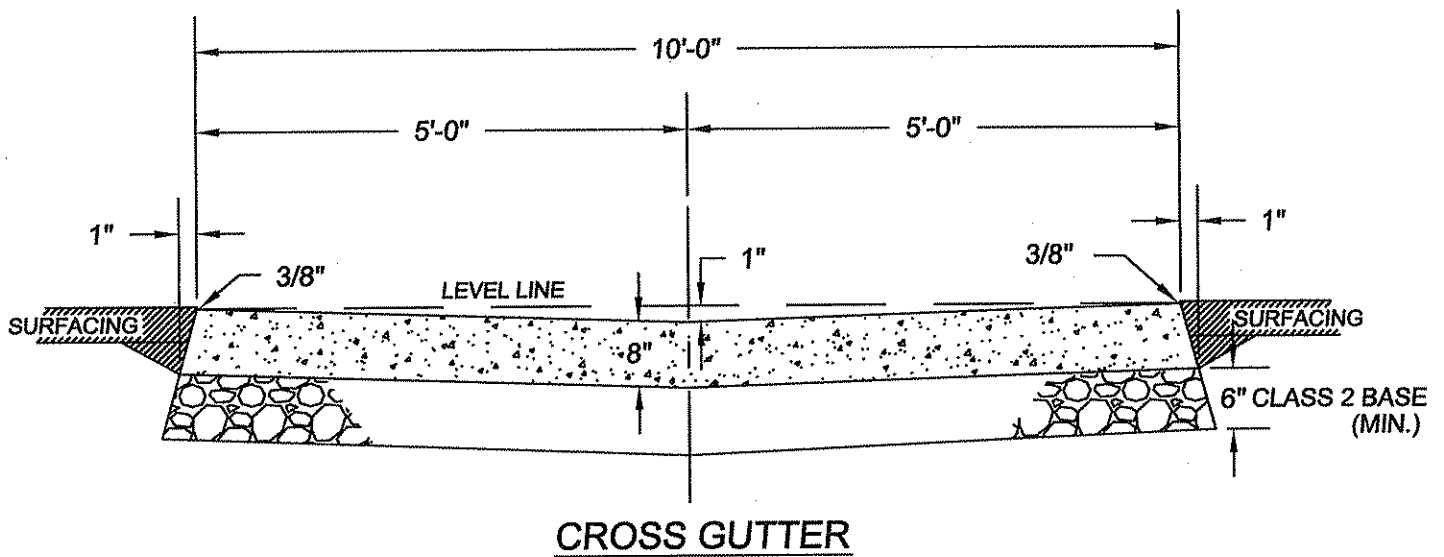


City of Hemet
PUBLIC WORKS DEPARTMENT
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 (951) 765-2360

CROSS GUTTER LAYOUT

JEP
 JORGE L. BIAGIONI, PRINCIPAL ENGINEER R.C.E. 33751
 DATE: MAR 2011
 REVISIONS
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1
 OF 1 SHEETS
STANDARD NO.
C-212



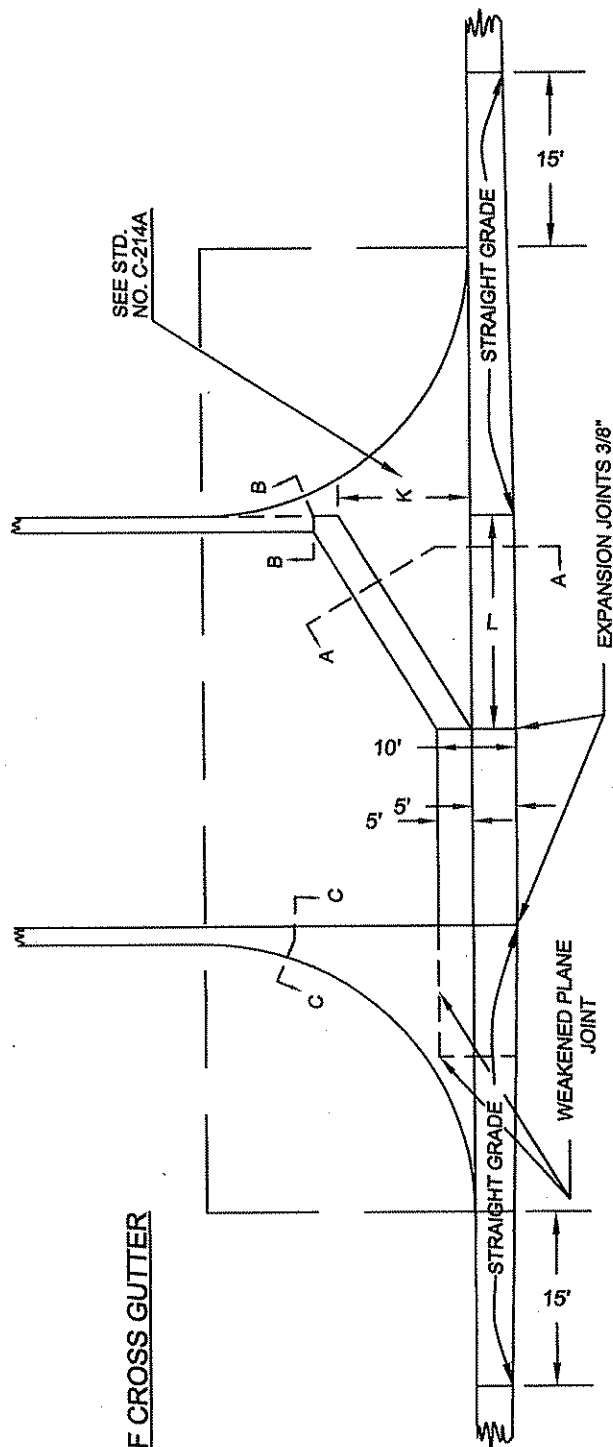
City of Hemet
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
 510 E. FLORIDA AVENUE
 HEMET, CA 92543
 (951) 765-2360

CROSS GUTTER

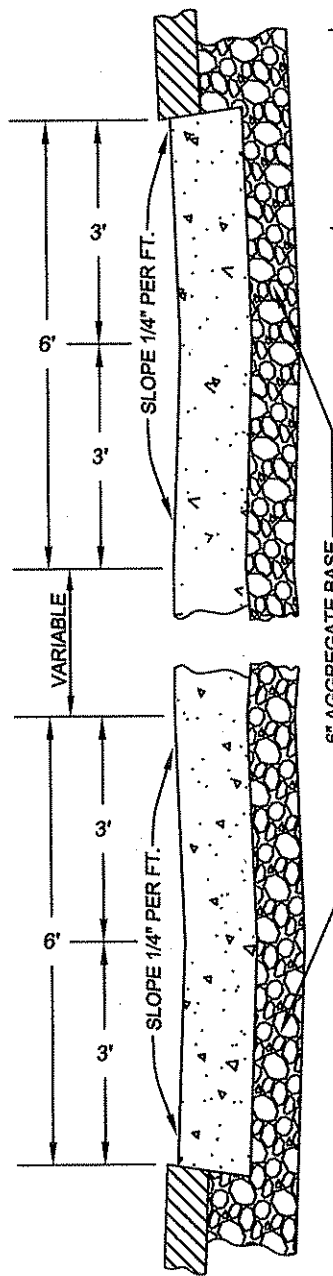
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164		MAR 2009
DATE		
REVISIONS		
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N.Beltran 2009		

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 OF 1 SHEETS
STANDARD NO.
C-213

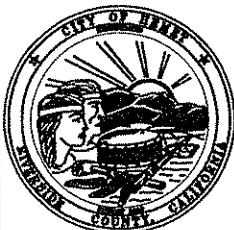
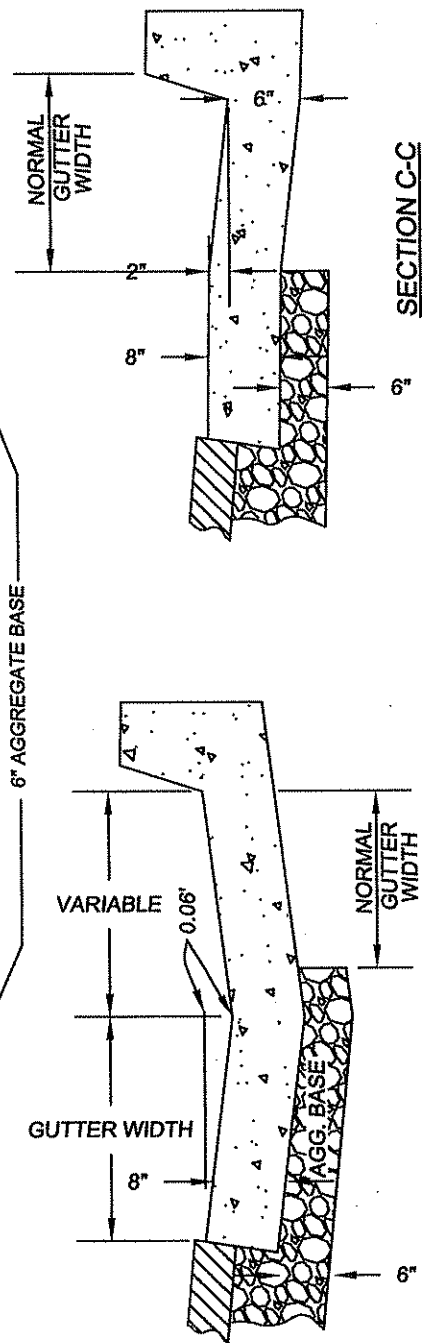
SEE STD.
NO. C-214A



SECTION A-A



SECTION B-B



City of Hemet
PUBLIC WORKS DEPARTMENT
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510 E. FLORIDA AVENUE
HEMET, CA 92543
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SPECIAL CROSS GUTTER (STEEP GRADES)

M. A. Gow
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164

MAR 2009
DATE

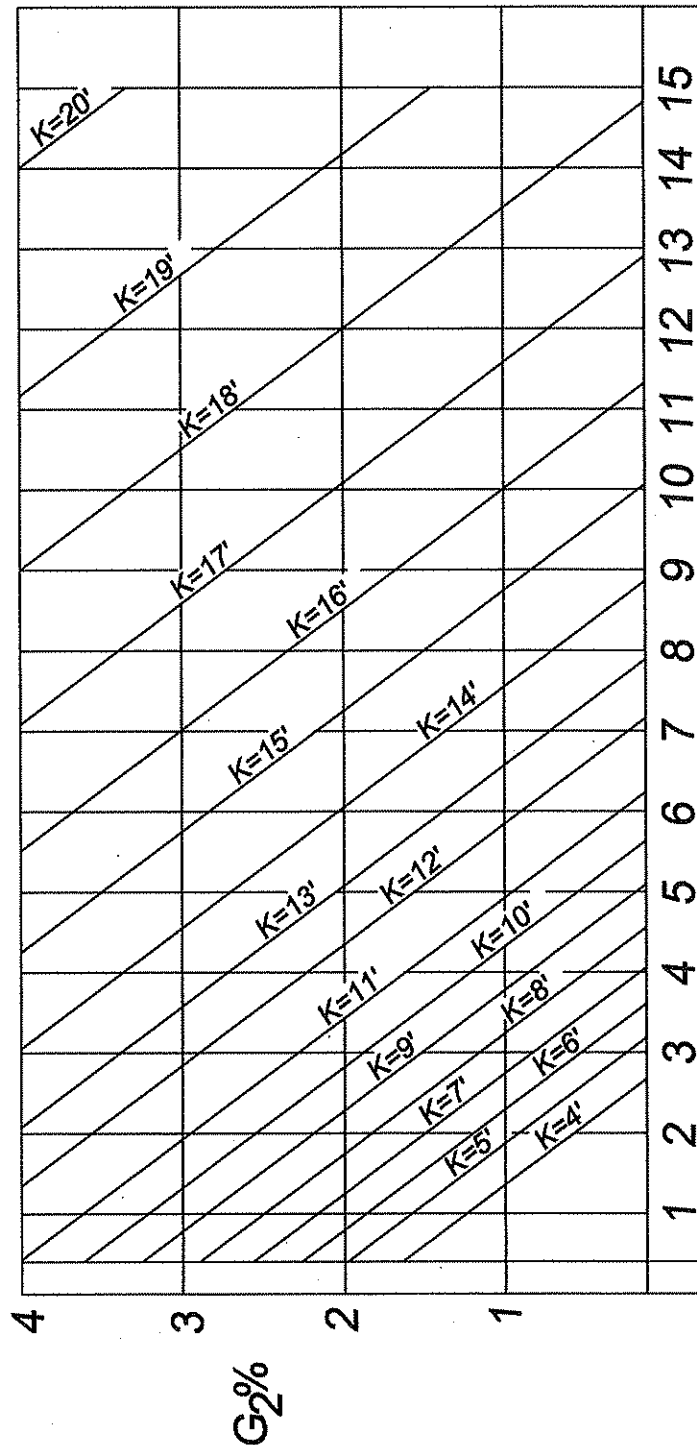
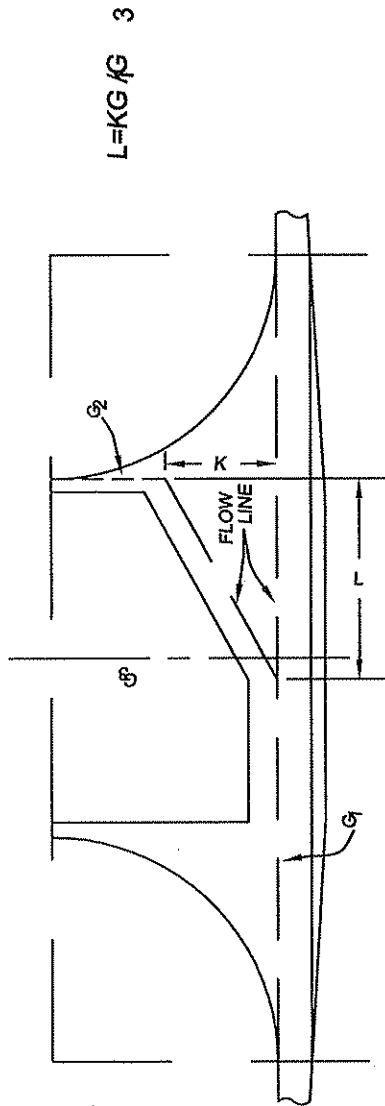
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N.Beltran 2009

1
OF 2 SHEETS

STANDARD NO.
C-214



City of Hemet

PUBLIC WORKS DEPARTMENT

ENGINEERING DIVISION

510 E. FLORIDA AVENUE
HEMET, CA 92543
(951) 765-2360

GRAPH FOR SPECIAL CROSS GUTTER

Michael A. Gow
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164

MAR 2009
DATE

REVISIONS

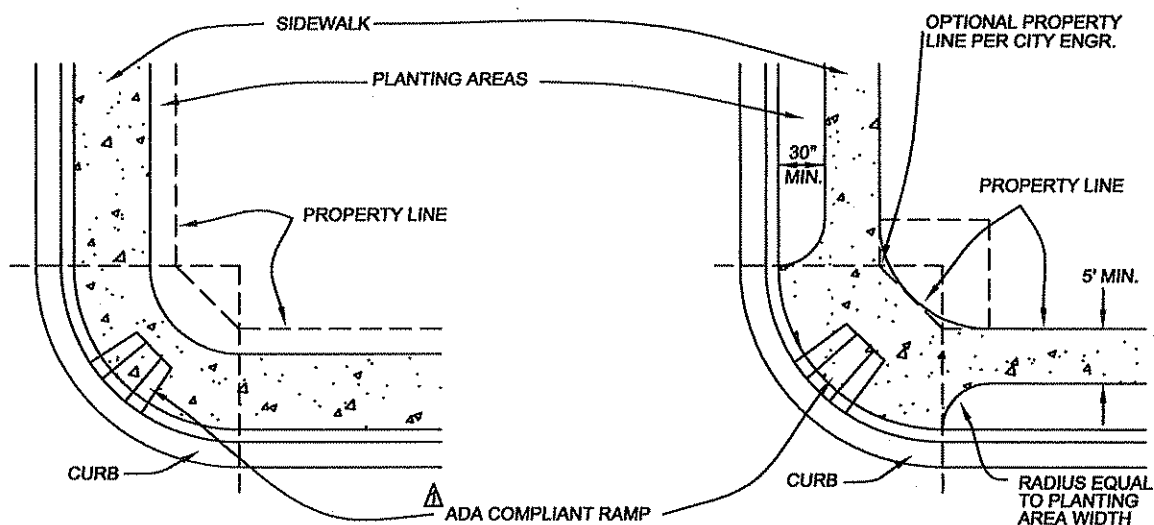
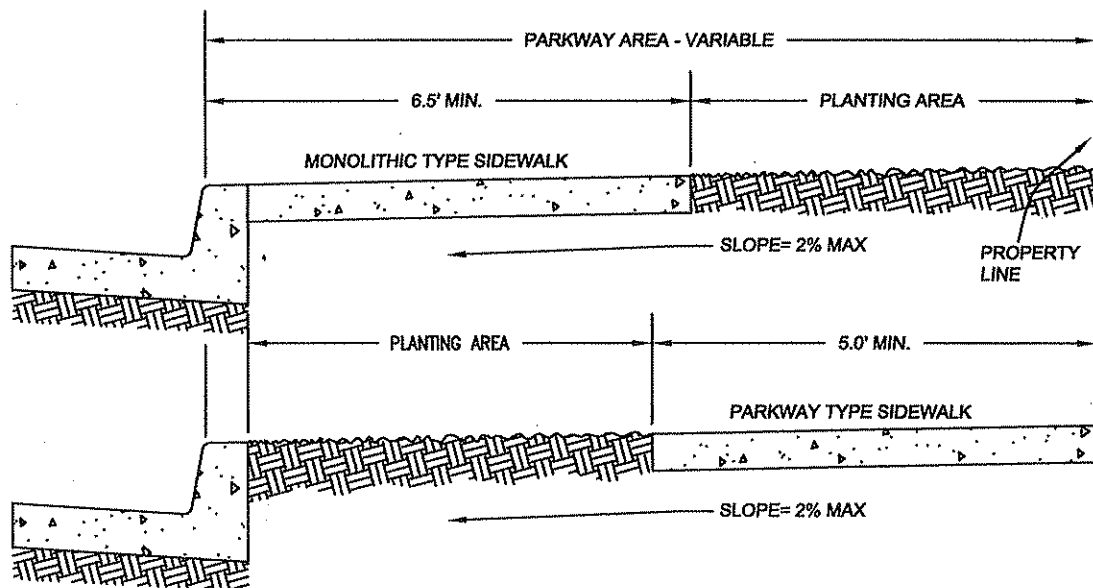
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N.Beltran 2009

2

OF 2 SHEETS

**STANDARD NO.
C-214A**



NOTES

1. 2% (MAX.) SLOPE FOR DRAINAGE FROM CURB TO PROPERTY LINE.
2. SIDE WALK THICKNESS TO BE NOT LESS THAN 4".
3. VARIABLE DISTANCES SHOWN ON STANDARD TYPICAL STREET SECTIONS.
4. SIDE WALKS SHALL BE CLEAR OF ALL OBSTRUCTIONS SUCH AS POWER POLES, LIGHT STANDARDS, ECT. ALL GAS VAULTS, WATER METER BOXES, ECT. SHALL BE ADJUSTED TO FINISH GRADE.
5. CONCRETE 5½ SACK MIX PER CUBIC YARD. (2500 PSI)
6. SPACING AND POSITIONING OF TREE WELLS TO BE DETERMINED BY DEPT. OF PUBLIC WORKS.
7. SCORE MARK EVERY 5', SHEAR-PLANE EVERY 20', EXPANSION JOINT EVERY 60'.



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 (951) 765-2360

SIDEWALK AND PARKWAY

Jep

JORGE L. BIAGIONI, PRINCIPAL ENGINEER R.C.E. 33751

MAR 2011

DATE

REVISIONS

A MAR 2011 REVISED ADA RAMP CALL OUT

N:\PW\4100\COH_STDS\REVISIONS\CONCRETE\C-215.dwg

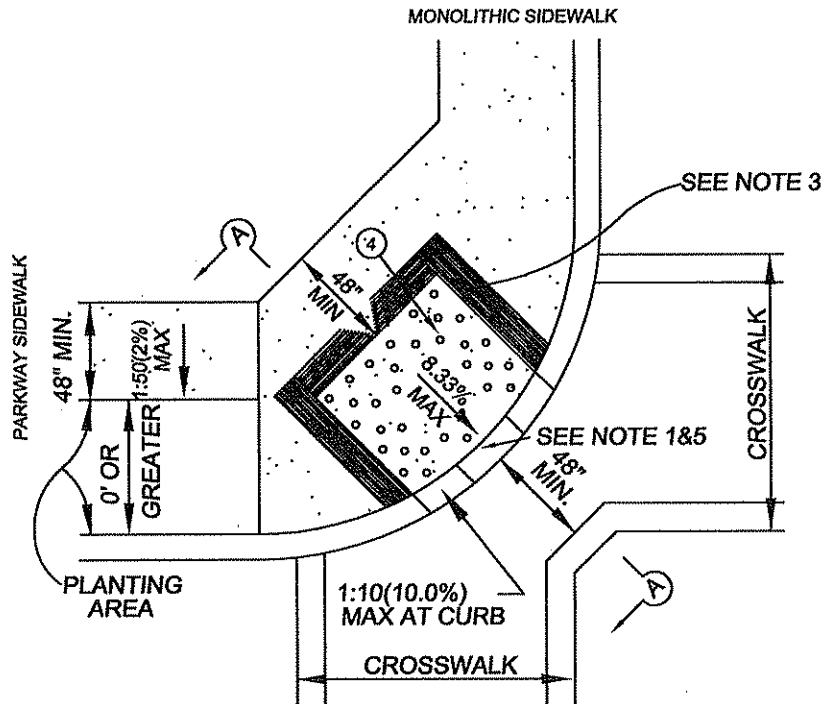
N.Beltran 2011

1

OF 1 SHEETS

STANDARD NO.
C-215

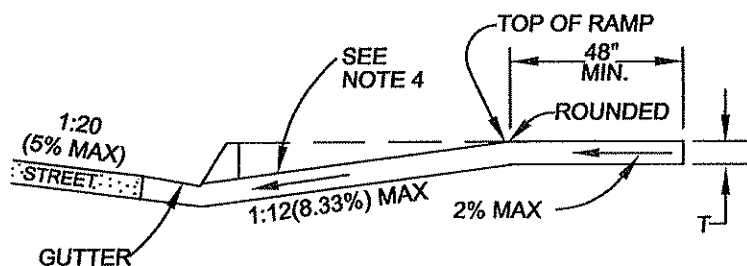
TYPE A - GENERAL CURB RAMP DETAIL



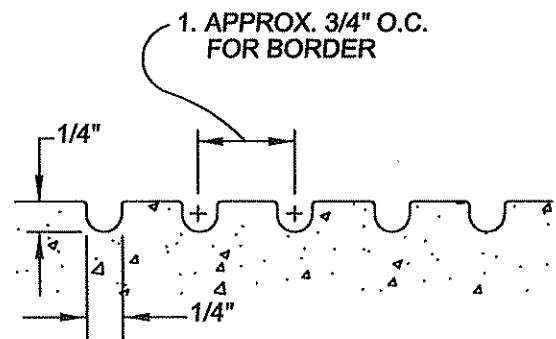
GENERAL CURB RAMP DETAIL

NOTES

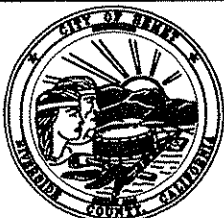
1. THE BOTTOM OF THE RAMP SHALL BE FLUSH.
2. RAMP THICKNESS, "T" SHALL BE 6".
3. THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" O.C. (GROOVING DETAIL). THIS BORDER SHALL BE AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP AND EACH SIDE.
4. DETECTABLE WARNINGS ARE REQUIRED PER THE CALIFORNIA BUILDING CODE, DIVISION II, SECTION 1127B.5.7. FLEXIBLE, GLUED ON MATS ARE NOT ALLOWED.
5. MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20 (5% SLOPE) WITHIN 4' OF THE BOTTOM OF THE CURB RAMP. (SEE SEC. A-A)
6. CURB RADII GREATER THAN 35' REQUIRE SPECIAL DESIGN AND APPROVAL BY THE CITY ENGINEER.
7. ALL RAMPs SHALL COMPLY WITH ADA REQUIREMENTS.



SECTION A-A



GROOVING DETAIL



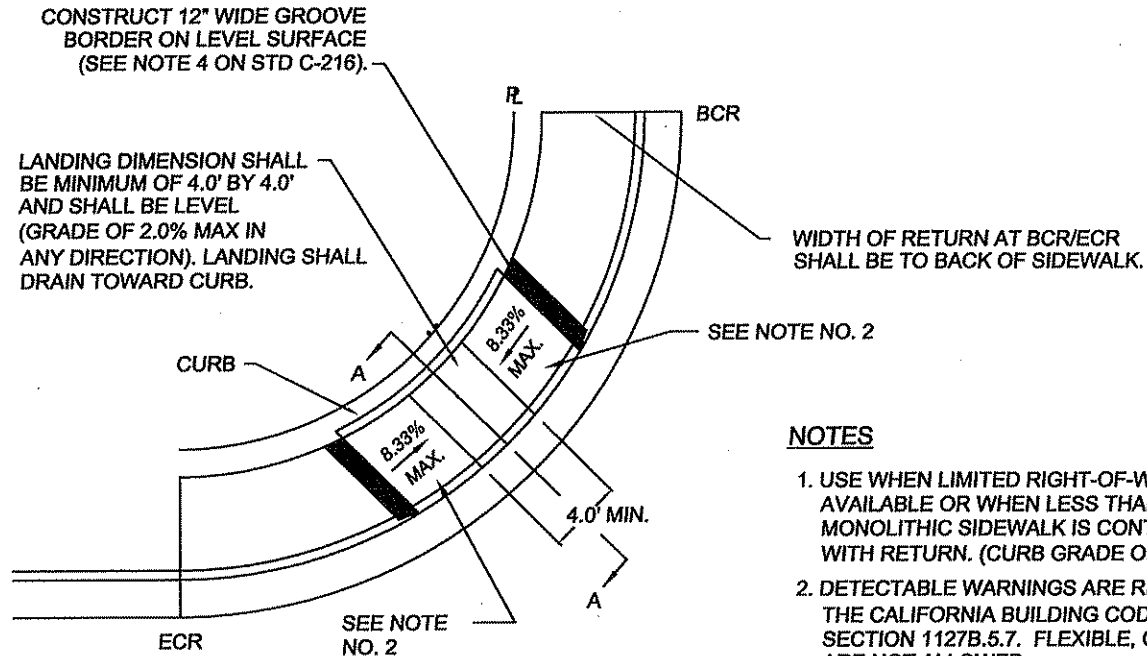
City of Hemet
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
 510 E. FLORIDA AVENUE
 HEMET, CA 92543
 (951) 765-2360

GENERAL CURB RAMP DETAIL

		MAR 2011
JORGE L. BIAGIONI, PRINCIPAL ENGINEER R.C.E. 33751		DATE
REVISIONS		
A	MAR 2011	ADDED NOTE 7
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N.Beltran 2011		

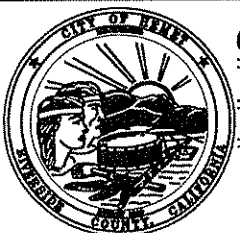
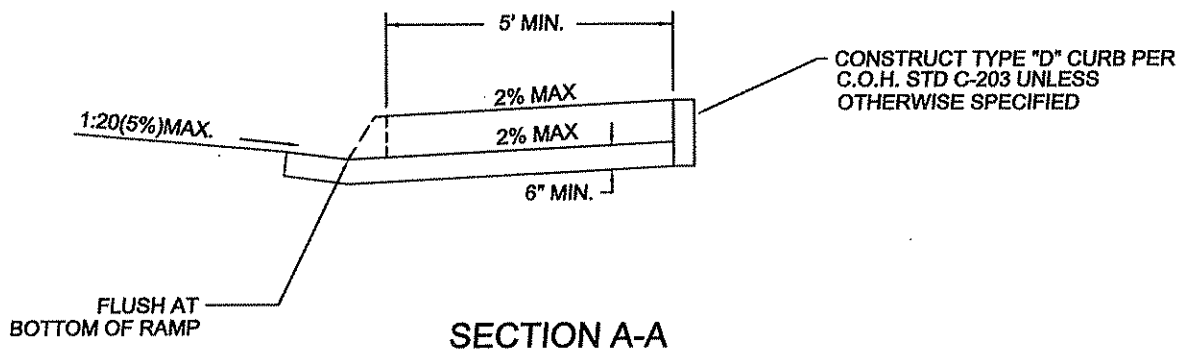
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 OF 3 SHEETS
STANDARD NO.
C-216

TYPE B - MONOLITHIC SIDEWALK AND RESTRICTED RIGHT-OF-WAY DETAIL



NOTES

1. USE WHEN LIMITED RIGHT-OF-WAY IS AVAILABLE OR WHEN LESS THAN 5' WIDE MONOLITHIC SIDEWALK IS CONTIGUOUS WITH RETURN. (CURB GRADE OF 2.0% OR LESS)
2. DETECTABLE WARNINGS ARE REQUIRED PER THE CALIFORNIA BUILDING CODE, DIVISION II, SECTION 1127B.5.7. FLEXIBLE, GLUED ON MATS ARE NOT ALLOWED.
3. SEE STD. C-216 FOR DETAILS.



City of Hemet

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CURB RAMP WITH MONOLITHIC SIDEWALK AND RESTRICTED RIGHT-OF-WAY

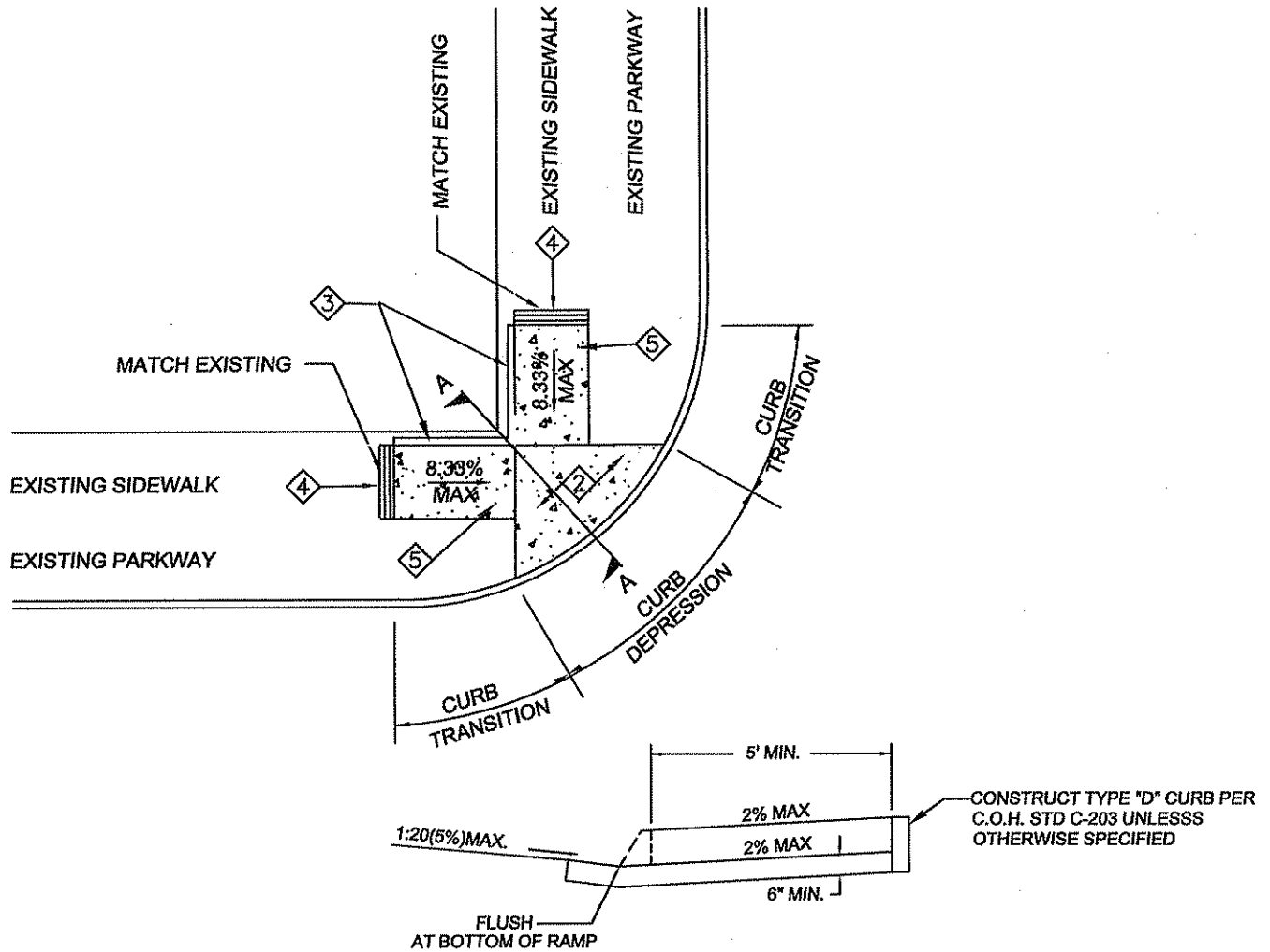
<i>Michael A. Gow</i>	
MICHAEL A. GOW, PW DIRECTOR/CITY ENG. R.C.E. 54164	MAR 2009 DATE
REVISIONS	
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OF 3 SHEETS

**STANDARD NO.
C-216A**

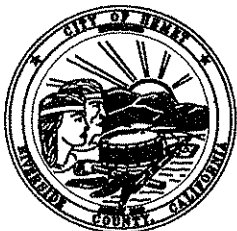
TYPE C - PARKWAY SIDEWALK AND RESTRICTED RIGHT-OF-WAY DETAIL



SECTION A-A

NOTES

- 1 USE WHEN LIMITED RIGHT-OF-WAY IS AVAILABLE AND HANDICAP RAMP WILL JOIN INTO PARKWAY SIDEWALK AT EACH END.
- 2 THE LEVEL AREA AT THE BOTTOM OF THE RAMP SHALL BE 4' BY 4' MINIMUM AND HAVE A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. ALL WATER MUST DRAIN OUT OF THE RAMP AREA TOWARD THE STREET.
- 3 CONSTRUCT TYPE "D" CURB PER C.O.H. STD. C-203 UNLESS OTHERWISE SPECIFIED.
- 4 THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" O.C.(GROOVING DETAIL). THIS BORDER SHALL BE AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP AND EACH SIDE.
- 5 DETECTABLE WARNINGS ARE REQUIRED PER THE CALIFORNIA BUILDING CODE, DIVISION II, SECTION 1127B.5.7. FLEXIBLE, GLUED ON MATS ARE NOT ALLOWED.



City of Hemet

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ENGINEERING DIVISION

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CURB RAMP WITH PARKWAY SIDEWALK AND RESTRICTED RIGHT-OF-WAY

MAR 2009
MICHAEL A. COW, PW DIRECTOR/CITY ENG. R.C.E. 54164 DATE

REVISIONS

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OF 3 SHEETS

**STANDARD NO.
C-216B**