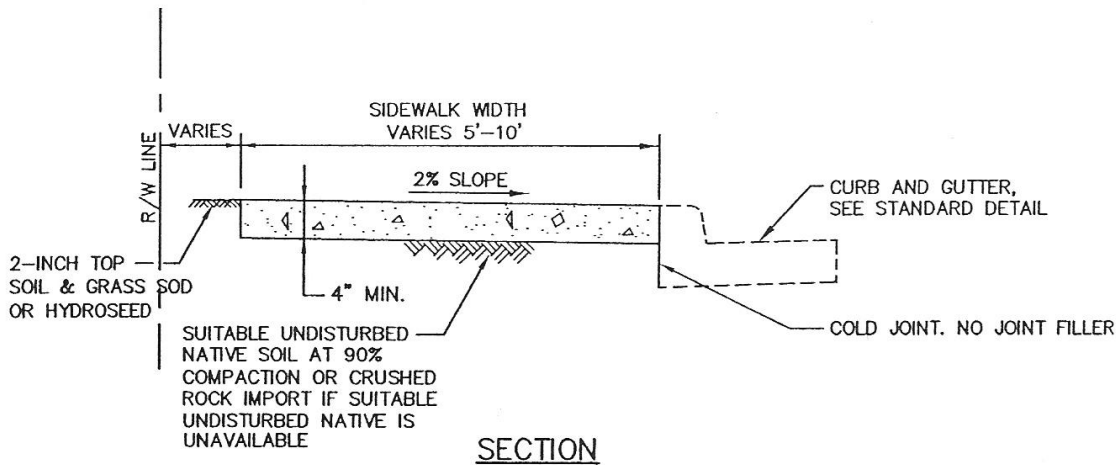


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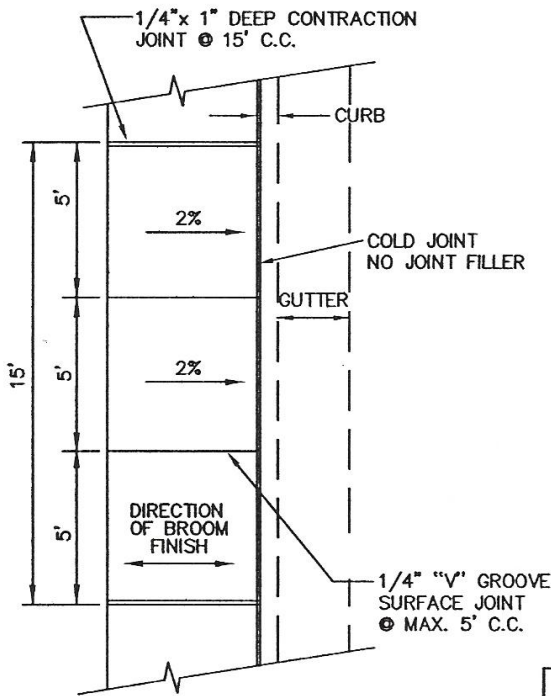
SECTION

MINIMUM SIDEWALK WIDTHS

5' MINIMUM, 10' MAXIMUM, SEE DESIGN STANDARDS

NOTES:

1. CONTRACTION JOINTS AND SURFACE JOINTS SHALL BE AS SHOWN ABOVE. ALL JOINTS SHALL BE CLEAN AND EDGED WITH AN EDGE HAVING 1/4" RADIUS. JOINTS SHALL BE FLUSH WITH THE FINISHED SURFACE.
2. PROVIDE 3/8" WIDE FULL DEPTH THRU JOINTS IN THE SIDEWALK SECTION AT ADA RAMP, DRIVEWAY AND ALLEY RETURNS. IN THRU JOINTS PROVIDE PREMOLDED JOINT FILLER WHICH SHALL BE 3/8" x 4" ASPHALT SATURATED FELT BOARD. PROVIDE JOINT SEALER ON TOP OF JOINT FILLER
3. ALL UTILITY POLES, METER BOXES, ETC. IN SIDEWALK AREAS SHALL HAVE 1/2" JOINT MATERIAL (FULL DEPTH) PLACED AROUND THEM BEFORE PLACING CONCRETE.
4. FORMS SHALL BE EITHER WOOD OR STEEL AND SHALL MEET ALL REQUIREMENTS OF THESE SPECIFICATIONS.
5. CONCRETE SHALL BE CLASS 3000 PSI.
6. ON SIDEWALKS WITH A GRADE OF 5% OR LESS PROVIDE 2" SMOOTH FINISH BORDER AROUND EACH SIDEWALK PANEL OR MATCH EXISTING BORDER. ON SIDEWALKS WITH GRADES 5% TO 10% OMIT THE 2" SMOOTH BORDER. ON SIDEWALKS GREATER THAN 10% PROVIDE A RAKED FINISH PER DETAIL SW-5.
7. WHERE ROLLED CURBS ARE ALLOWED, SIDEWALKS SHALL BE MIN. 6" THICK.
8. SEE SECTION 6.20 OF THE DEVELOPMENT GUIDELINES AND PUBLIC WORK STANDARDS FOR ADDITIONAL REQUIREMENTS.

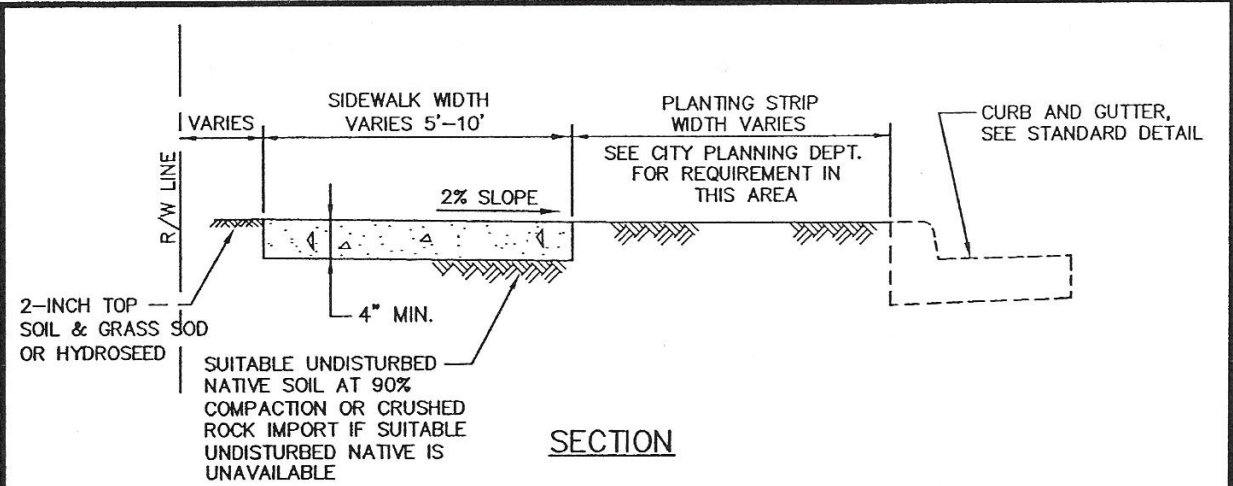


PLAN

SIDEWALK WITHOUT PLANTING STRIP

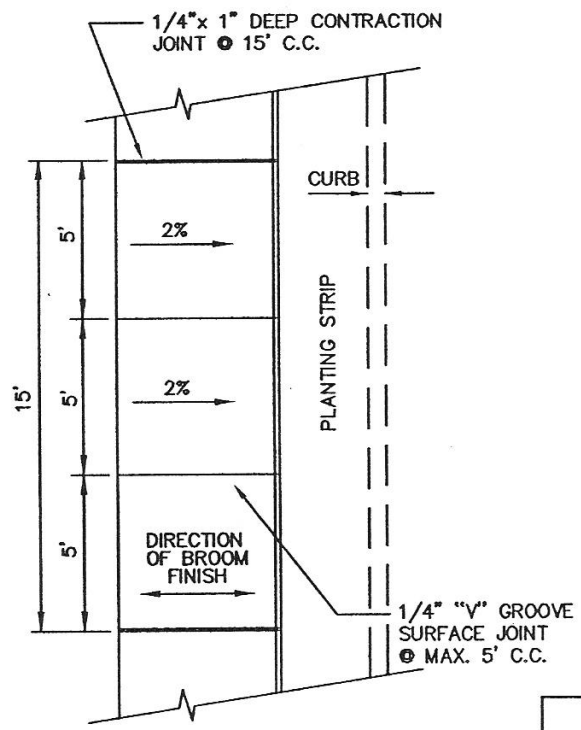
CITY OF KALAMA			
SIDEWALK WITHOUT PLANTING STRIP			
APPROVED: <i>[Signature]</i> BY CITY		DATE 8/6/08	DWG. NO. SW-1
DATE: 7/08	DRWN: J.H.	CHKD: M.B.J.	SCALE: NONE

FILENAME: I:\KALAMA\97810\STREETS\SV-4.DWG OPERATOR: MC CREATION: MAY 03 1993 10:51:22 UPDATER: AUL 13 1995 18:43:21 PLOTTER: HP 13 1997 07:38:45



SECTION

MINIMUM SIDEWALK WIDTHS
 5' MINIMUM, 10' MAXIMUM
 SEE DESIGN STANDARDS

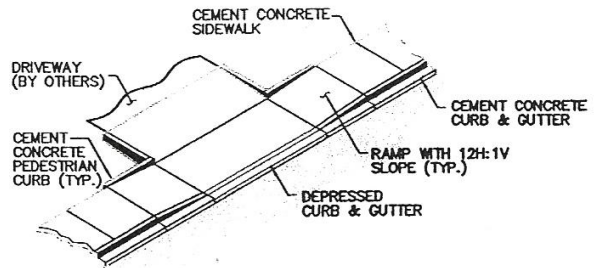
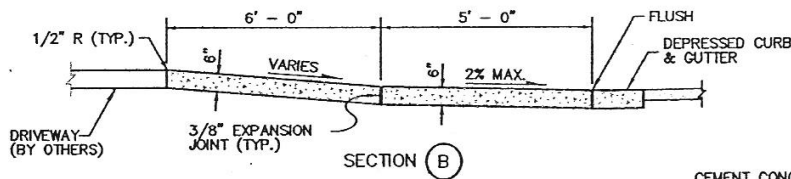
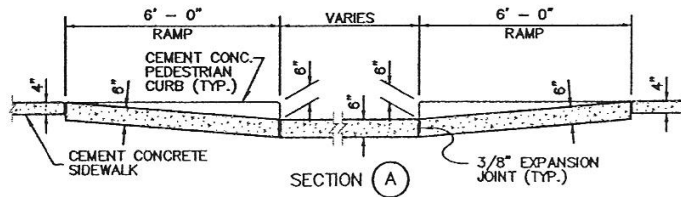
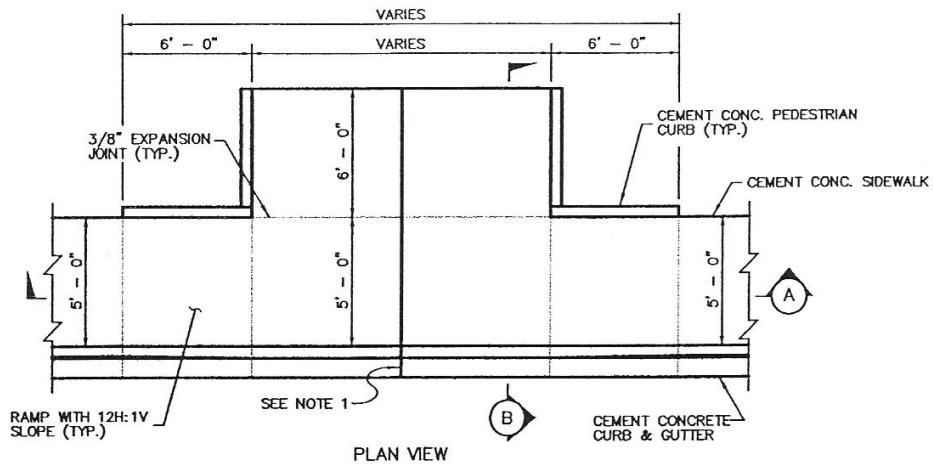


PLAN
SIDEWALK WITH
PLANTING STRIP

NOTES:

1. CONTRACTION JOINTS AND SURFACE JOINTS SHALL BE AS SHOWN ABOVE. ALL JOINTS SHALL BE CLEAN AND EDGED WITH AN EDGE HAVING 1/4" RADIUS. JOINTS SHALL BE FLUSH WITH THE FINISHED SURFACE.
2. PROVIDE 3/8" WIDE FULL DEPTH THRU JOINTS IN THE SIDEWALK SECTION AT ADA RAMPS, DRIVEWAY AND ALLEY RETURNS. IN THRU JOINTS PROVIDE PREMOLED JOINT FILLER WHICH SHALL BE 3/8" x 4" ASPHALT SATURATED FELT BOARD. PROVIDE JOINT SEALER ON TOP OF JOINT FILLER
3. ALL UTILITY POLES, METER BOXES, ETC. IN SIDEWALK AREAS SHALL HAVE 1/2" JOINT MATERIAL (FULL DEPTH) PLACED AROUND THEM BEFORE PLACING CONCRETE.
4. FORMS SHALL BE EITHER WOOD OR STEEL AND SHALL MEET ALL REQUIREMENTS OF THESE SPECIFICATIONS.
5. CONCRETE SHALL BE CLASS 3000 PSI.
6. ON SIDEWALKS WITH A GRADE OF 5% OR LESS PROVIDE 2" SMOOTH FINISH BORDER AROUND EACH SIDEWALK PANEL OR MATCH EXISTING BORDER. ON SIDEWALKS WITH GRADES 5% TO 10% OMIT THE 2" SMOOTH BORDER. ON SIDEWALKS GREATER THAN 10% PROVIDE A RAKED FINISH PER DETAIL SW-5.
7. SEE SECTION 6.20 OF THE DEVELOPMENT GUIDELINES AND PUBLIC WORK STANDARDS FOR ADDITIONAL REQUIREMENTS.

CITY OF KALAMA			
SIDEWALK WITH PLANTING STRIP			
APPROVED: <i>[Signature]</i> BY CITY		DATE 8/6/08	DWG. NO. SW-4
DATE: 7/08	DRWN: J.H.	CHKD: M.B.J.	SCALE: NONE



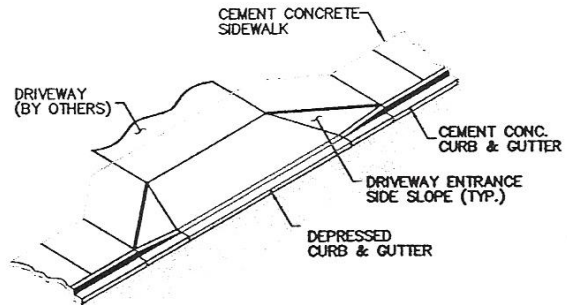
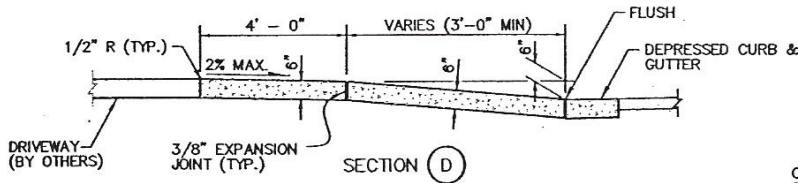
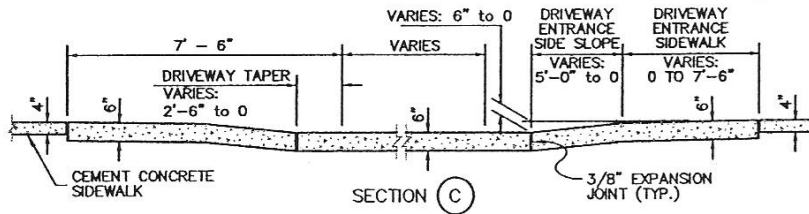
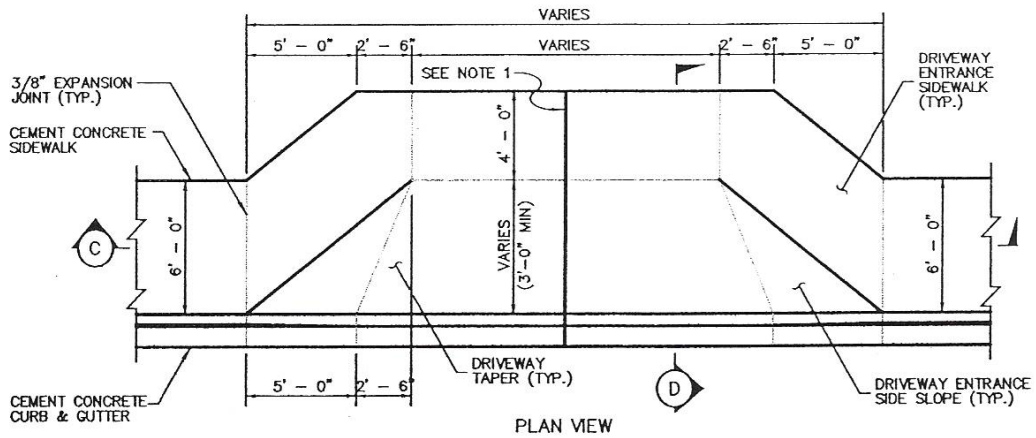
NOTE:

1. WHEN THE DRIVEWAY WIDTH EXCEEDS 15 FEET, CONSTRUCT A FULL DEPTH EXPANSION JOINT WITH 3/8" JOINT FILLER ALONG THE DRIVEWAY CENTERLINE. CONSTRUCT EXPANSION JOINTS PARALLEL WITH THE CENTER-LINE AS REQUIRED AT 15' MAXIMUM SPACING WHEN DRIVEWAY WIDTHS EXCEED 30'.

CEMENT CONCRETE DRIVEWAY TYPE 1

CITY OF KALAMA			
CEMENT CONCRETE DRIVEWAY TYPE 1			
APPROVED: <i>[Signature]</i> BY CITY		DATE 8/6/08	DWG. NO. DW-1A
DATE: 8/07	DRWN: S.G.	CHKD: M.B.J.	SCALE: NONE

L:\KALAMA\CONCRETE\DRIVEWAY\DRIVEWAY TYPE 1.dwg, 8/5/2007 4:00:27 PM, A0000000.DWG, PL BY: S. BURLINGAME

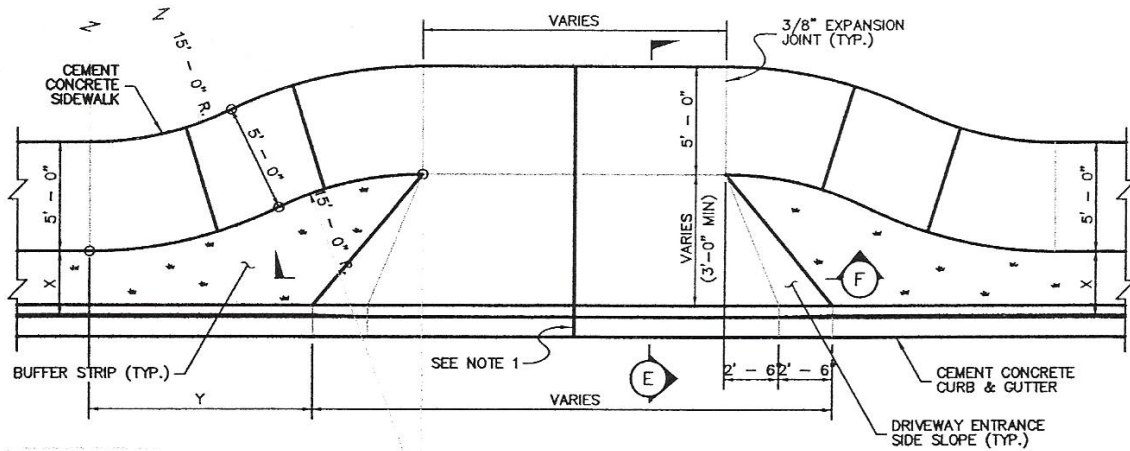


NOTE:

1. WHEN THE DRIVEWAY WIDTH EXCEEDS 15 FEET, CONSTRUCT A FULL DEPTH EXPANSION JOINT WITH 3/8" JOINT FILLER ALONG THE DRIVEWAY CENTERLINE. CONSTRUCT EXPANSION JOINTS PARALLEL WITH THE CENTER-LINE AS REQUIRED AT 15' MAXIMUM SPACING WHEN DRIVEWAY WIDTHS EXCEED 30'.

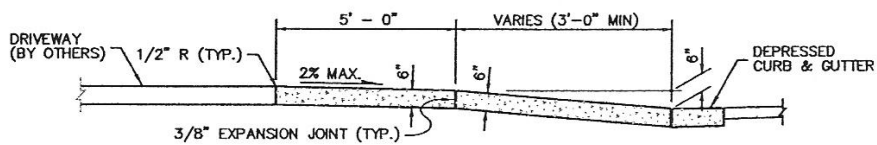
CEMENT CONCRETE DRIVEWAY TYPE 2

CITY OF KALAMA			
CEMENT CONCRETE DRIVEWAY TYPE 2			
APPROVED: <i>[Signature]</i> BY CITY		DATE 8/6/08	DWG. NO. DW-1B
DATE: 8/07	DRWN: S.G.	CHKD: M.B.J.	SCALE: NONE

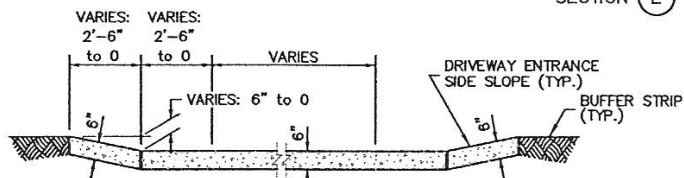


X	Y
2'-0"	12'-3"
3'-0"	10'-4"
4'-0"	8'-1"
5'-0"	5'-3 1/4"
6'-0"	1'-1 3/4"

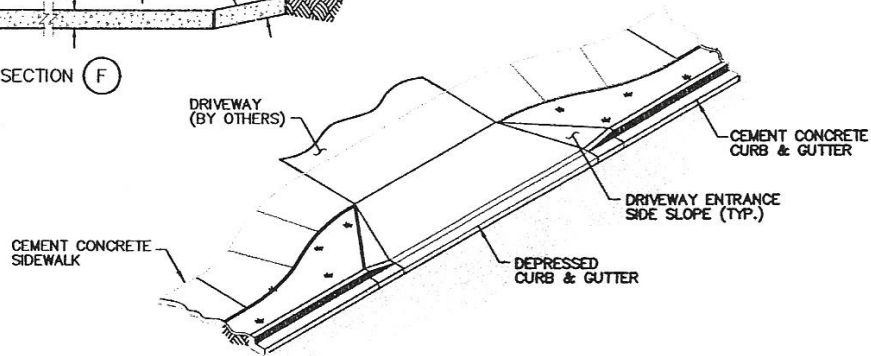
PLAN VIEW



SECTION (E)



SECTION (F)



NOTE:

1. WHEN THE DRIVEWAY WIDTH EXCEEDS 15 FEET, CONSTRUCT A FULL DEPTH EXPANSION JOINT WITH 3/8" JOINT FILLER ALONG THE DRIVEWAY CENTERLINE. CONSTRUCT EXPANSION JOINTS PARALLEL WITH THE CENTER-LINE AS REQUIRED AT 15' MAXIMUM SPACING WHEN DRIVEWAY WIDTHS EXCEED 30'.

CEMENT CONCRETE DRIVEWAY TYPE 3

CITY OF KALAMA			
CEMENT CONCRETE DRIVEWAY TYPE 3			
APPROVED: <i>Tom McHenry</i>		DWG. NO. DW-1C	
BY CITY		DATE 8/6/08	
DATE: 8/07	DRWN: S.G.	CHKD: M.B.J.	SCALE: NONE