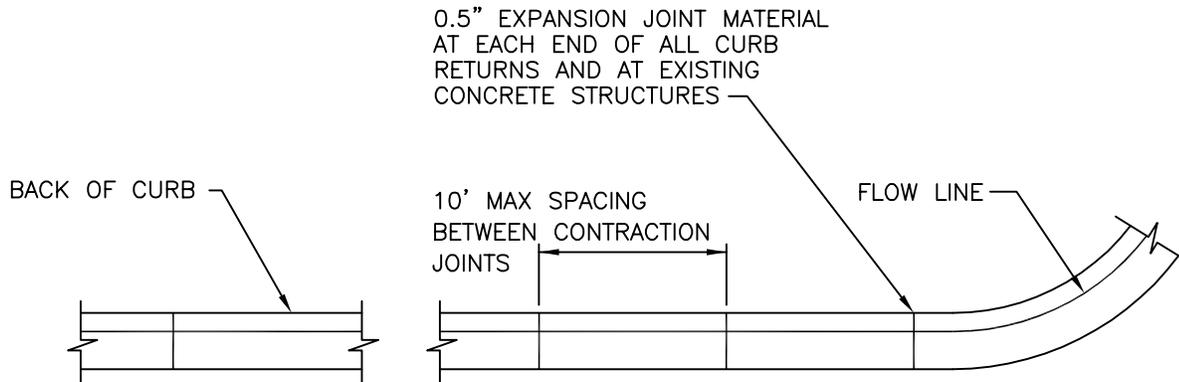
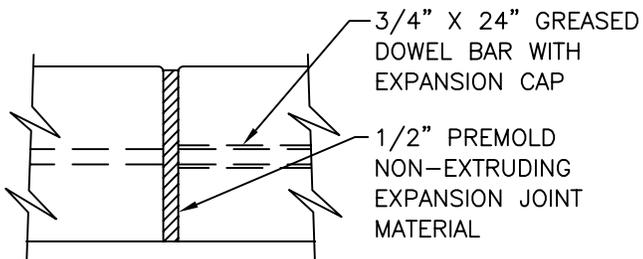


INDEX OF DRAWINGS
CURB/GUTTER & SIDEWALKS

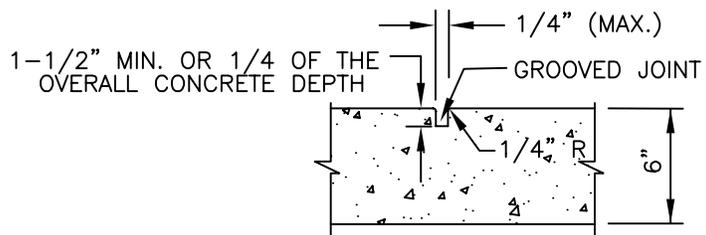
<u>DRAWING NO.</u>	<u>TITLE</u>
SW1	CURB AND GUTTER JOINT DETAIL
SW2	MONOLITHIC INTEGRAL CURBWALK
SW3	CONCRETE CROSS PAN
SW4A	DRIVE CUT-DETACHED WALK
SW4B	DRIVE CUT-ATTACHED WALK
SW5	CURB RAMP TYPE 1 ATTACHED WALK
SW6	CURB RAMP TYPE 2 ATTACHED WALK
SW7	THIS PAGE HAS BEEN LEFT BLANK INTENTIONALLY
SW8	CURB RAMP TYPE 4 DETACHED WALK
SW9	CURB RAMP TYPE 3 DETACHED WALK
SW10A	CURB RAMP TYPE 1 DETACHED WALK
SW10B	CURB RAMP MID BLOCK TYPE 3 ATTACHED WALK
SW10C	CURB RAMP MID BLOCK TYPE 2 ATTACHED WALK
SW11	MOUNTABLE CURB SECTION
SW12	VERTICAL CURB SECTION
SW13	6" VERTICAL CURB, GUTTER AND DETACHED SIDEWALK
SW14	SIDEWALK DESIGN STANDARDS



LAYOUT



EXPANSION JOINT



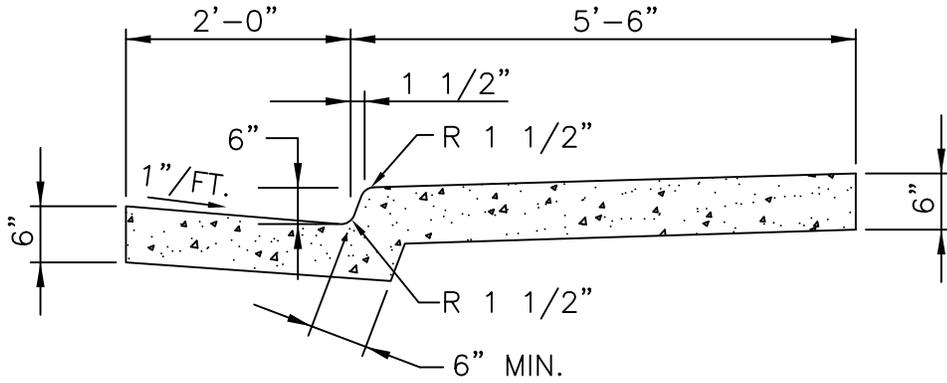
JOINT SHALL BE TOOLED IN LIEU OF SAWCUTTING AT TIME OF RAMP INSTALLATION BEFORE CONCRETE HAS HARDENED.

CONTRACTION JOINT

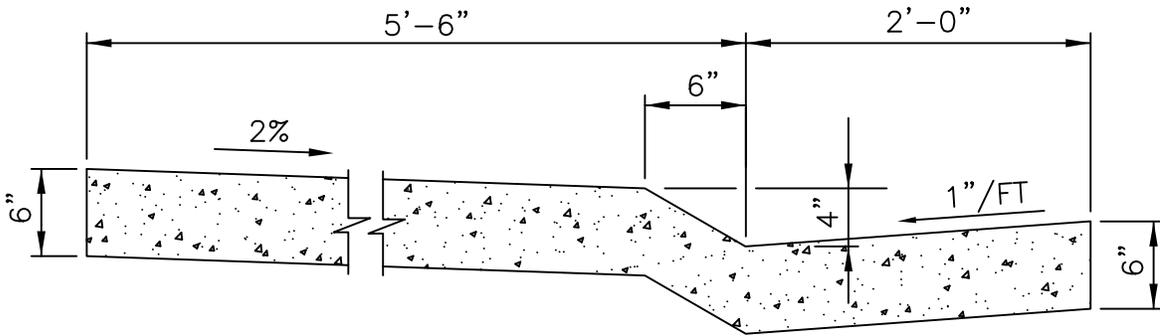
NOTES:

1. EXPANSION JOINT MATERIAL SHALL BE NON-EXTRUDING AND RESILIENT TYPE TO MEET AASHTO SPEC. M-213.
2. ANY OVER-EXCAVATION SHALL BE REPLACED BY GRANULAR BACKFILL COMPACTED TO 95% MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698.





VERTICAL



ROLLOVER

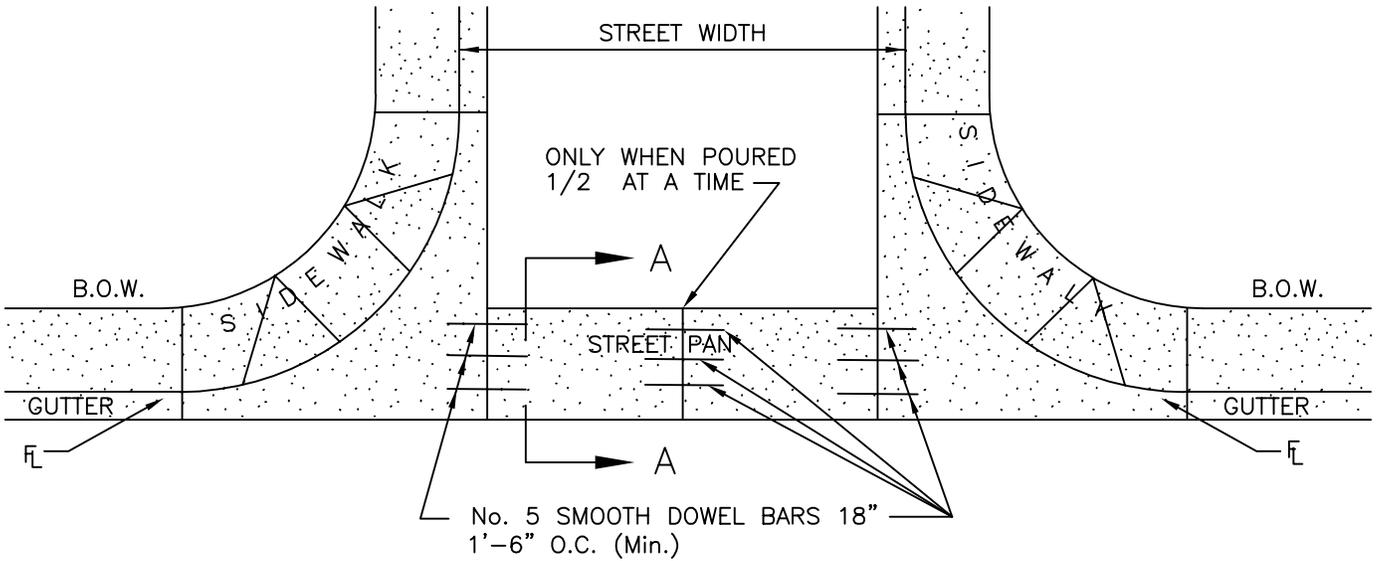
NOTES:

1. EXPANSION JOINT MATERIAL SHALL BE NON-EXTRUDING AND RESILIENT TYPE TO MEET AASHO SPEC. M-213.
2. ANY OVER-EXCAVATION SHALL BE REPLACED BY GRANULAR BACKFILL COMPACTED TO 95% MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698.
3. SEE DETAILS ON DRAWING SW1 FOR EXPANSION AND CONTRACTION JOINT DETAILS.
4. FOR USE IN RESIDENTIAL AREAS OF LOCAL COLLECTORS ONLY.

The Town of
ERIE
COLORADO

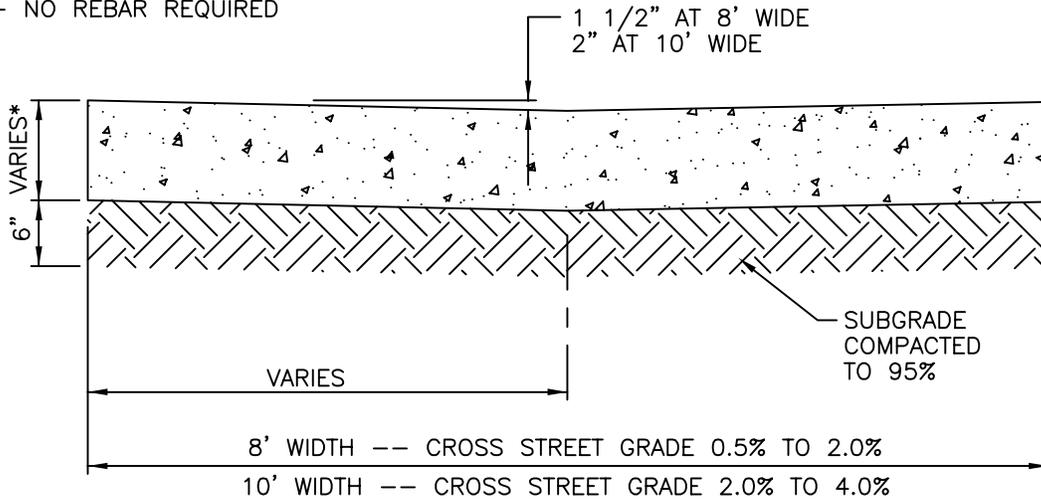


DRAWING TITLE: **MONOLITHIC INTEGRAL CURBWALK**
 DRAWING NUMBER: **SW2**
 DRAWN BY: **C. GERATY** APPROVED BY: **G. BEHLEN** DATE: **03/2016**



PLAN

VARIES*
8" - #4 @ 18" O.C. EACH WAY
10" - NO REBAR REQUIRED

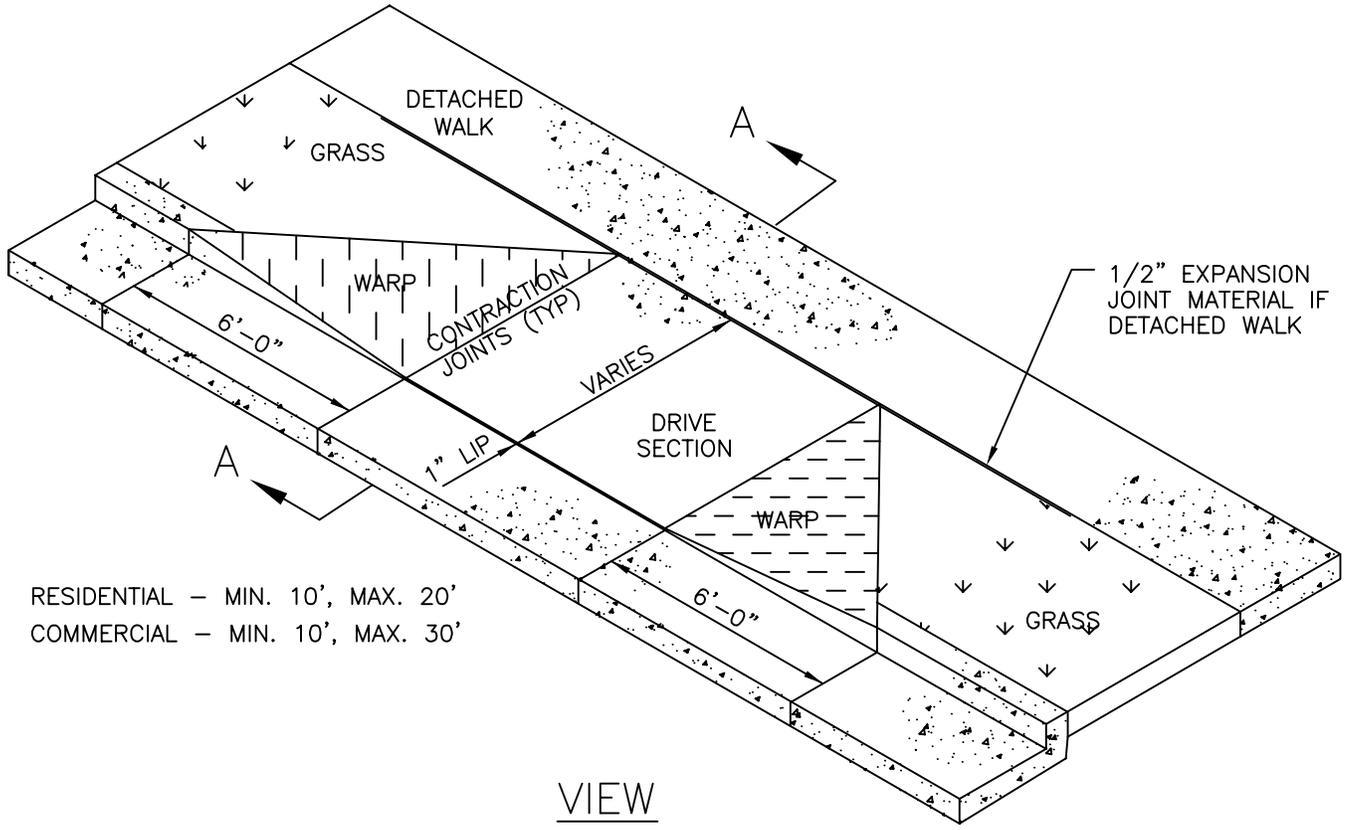


SECTION A-A

CONCRETE CROSS PAN

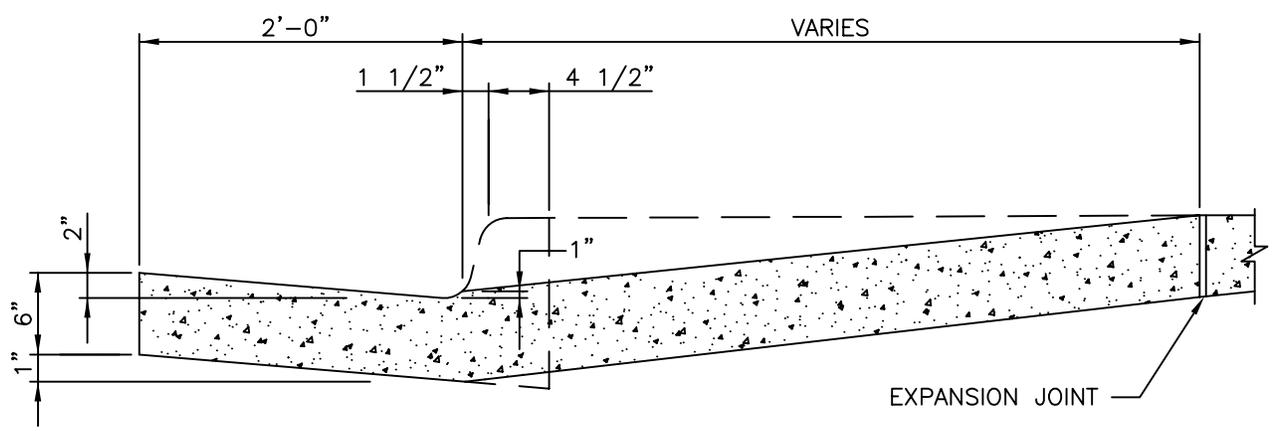
NOT TO SCALE





RESIDENTIAL – MIN. 10', MAX. 20'
 COMMERCIAL – MIN. 10', MAX. 30'

VIEW



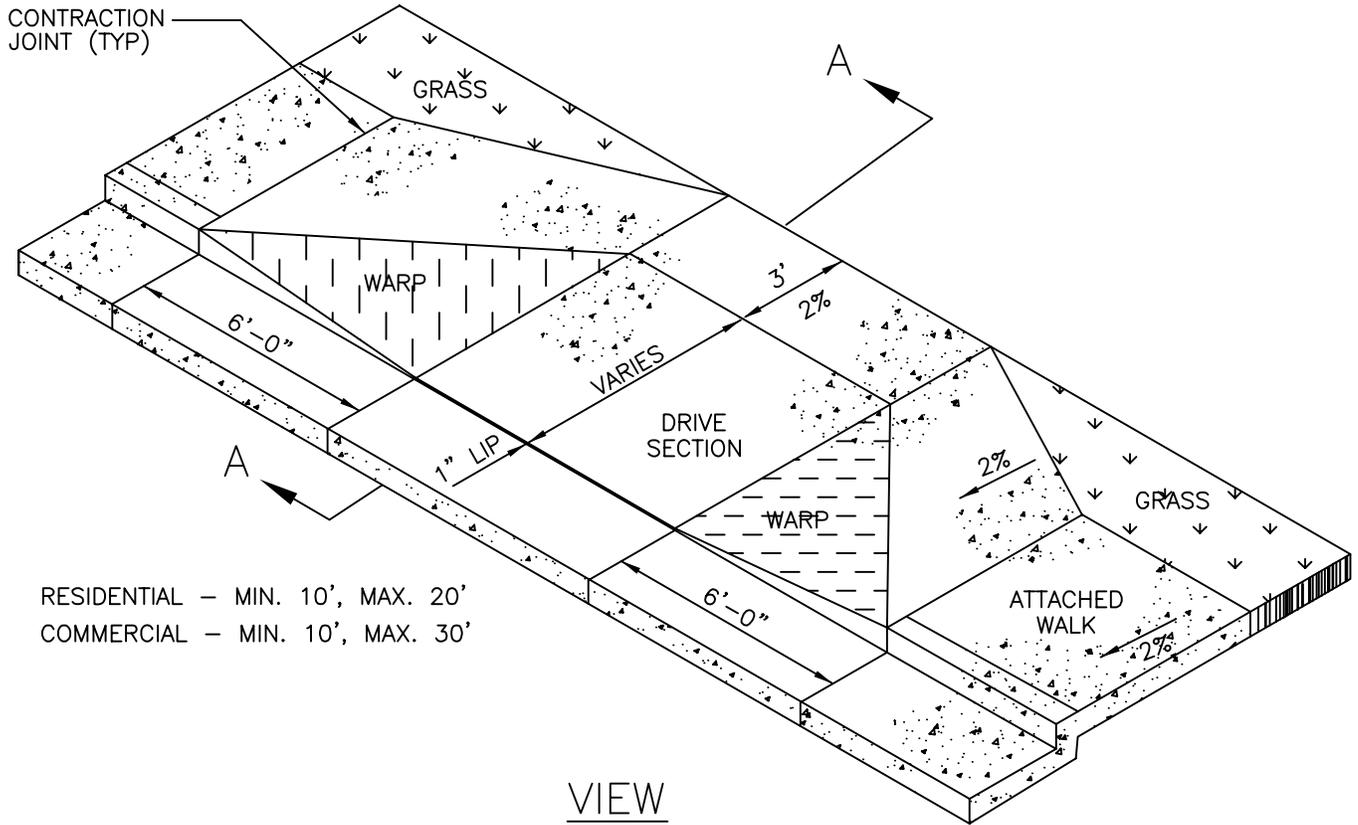
SECTION A-A

NOTES:

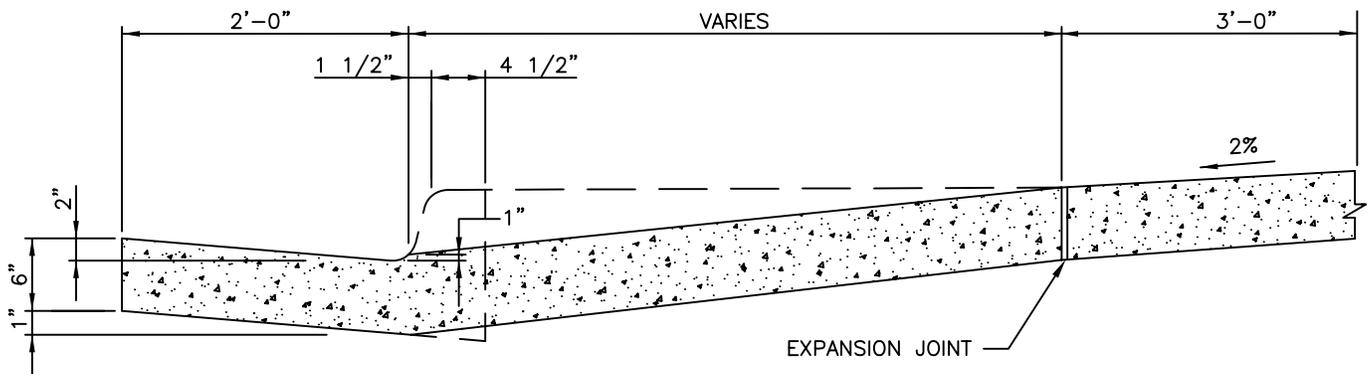
1. CONTRACTION JOINTS ARE REQUIRED AT EACH SIDE OF WARPED SECTION AND EVERY 10' ALONG THE DRIVE SECTION. SEE DETAILS ON DRAWING SW1 FOR CONSTRUCTION JOINT DETAILS.
2. CHAMFER FRONT EDGE OF CURB AND DRIVE SECTION AS SHOWN IN SECTION A-A.
3. SIDEWALK THICKNESS SHALL BE 6" AT DRIVEWAY



DRAWING TITLE: DRIVE CUT-DETACHED WALK
 DRAWING NUMBER: SW4A
 DRAWN BY: D. JENKINS APPROVED BY: G. BEHLEN DATE: 01/2006



RESIDENTIAL - MIN. 10', MAX. 20'
 COMMERCIAL - MIN. 10', MAX. 30'

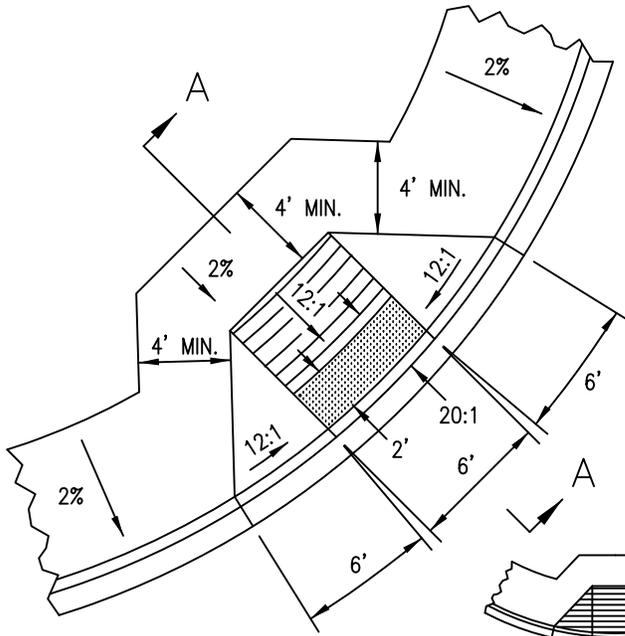


SECTION A-A

NOTES:

1. CONTRACTION JOINTS ARE REQUIRED AT EACH SIDE OF WARPED SECTION AND EVERY 10' ALONG THE DRIVE SECTION. SEE DETAILS ON DRAWING SW1 FOR CONSTRUCTION JOINT DETAILS.
2. CHAMFER FRONT EDGE OF CURB AND DRIVE SECTION AS SHOWN IN SECTION A-A.
3. SIDEWALK THICKNESS SHALL BE 6" AT DRIVEWAY.





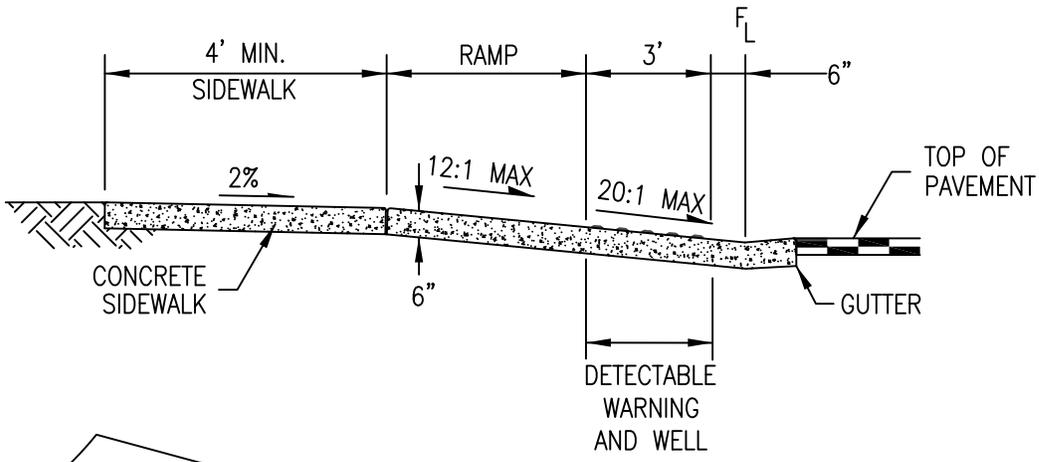
SIDEWALK RAMP TYPE 1A
PLAN



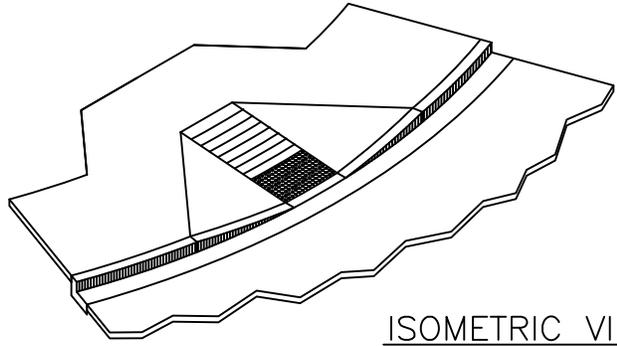
RAMP PAY AREA

NOTES:

1. AVOID PLACING DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS
2. RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1. THE DETECTABLE WARNING AND WELL AREA SLOPES SHALL NOT BE STEEPER THAN 20:1.
3. GROOVED JOINTS SHALL BE SPACED 8" APART 1/2" DEPTH. FOR CLARITY, NOT ALL JOINTS ARE SHOWN. NO LIP AT FLOW LINE.
4. THE RAMP AREA SHALL RECEIVE A COARSER BRUSH TREATMENT THAN THE SIDEWALK, BROOMING SHALL NOT CAUSE THE GROOVES TO CLOSE.
5. DETECTABLE WARNINGS SHALL BE EAST JORDON IRON WORKS 7005 SERIES DETECTABLE WARNING PLATES OR APPROVED EQUAL.



SECTION A-A



ISOMETRIC VIEW

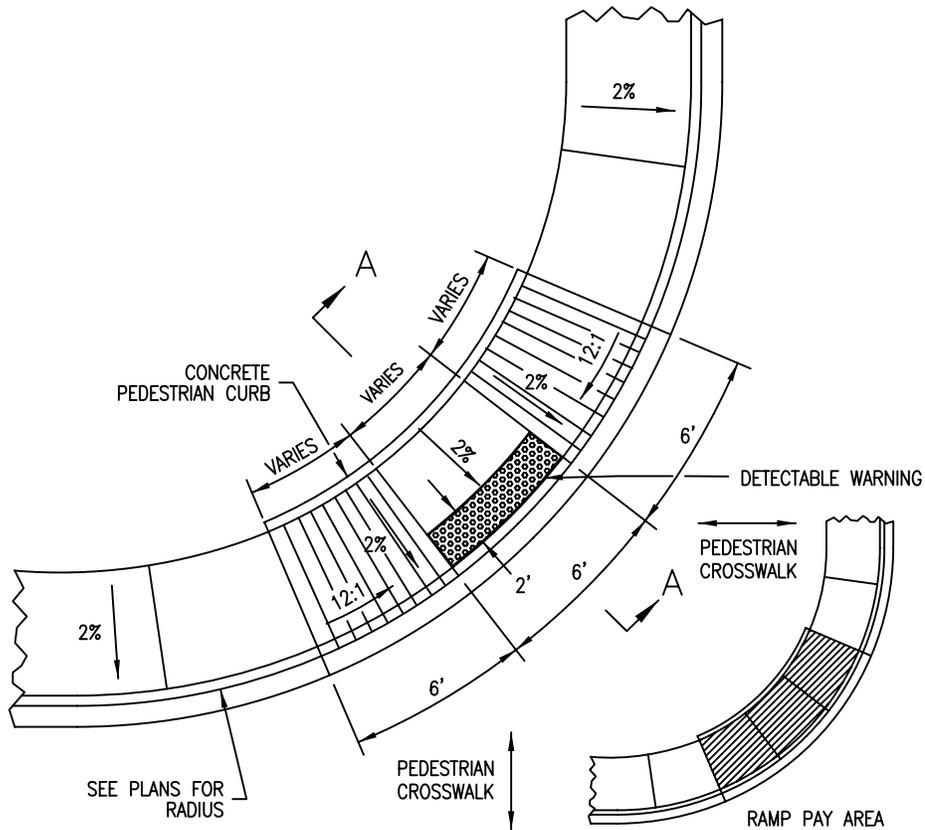
The Town of
ERIE
COLORADO



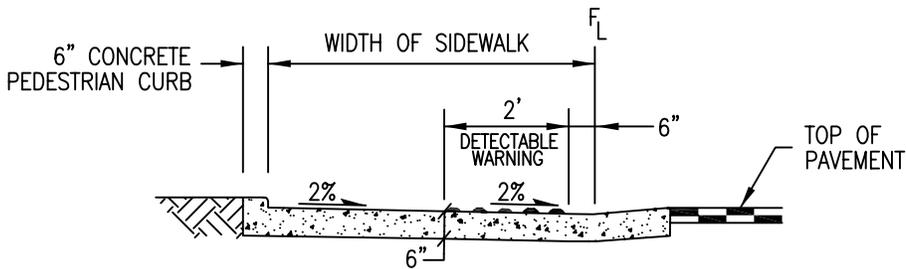
DRAWING TITLE: CURB RAMP TYPE 1
ATTACHED WALK

DRAWING NUMBER: SW5

DRAWN BY: C. GERATY APPROVED BY: G. BEHLEN DATE: 04/2016



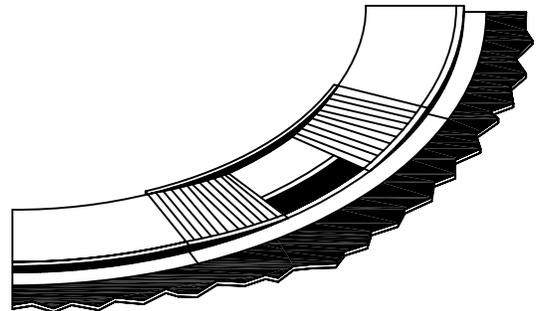
SIDEWALK RAMP TYPE 2A
PLAN



SECTION A-A

NOTES:

1. GROOVED JOINTS SHALL BE SPACED 8" APART 1/2" DEPTH. FOR CLARITY, NOT ALL JOINTS ARE SHOWN. NO LIP AT FLOWLINE.
2. THE RAMP AREA SHALL RECEIVE A COARSER BRUSH TREATMENT THAN THE SIDEWALK. BROOMING SHALL NOT CAUSE THE GROOVES TO CLOSE.
3. AVOID PLACING DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
4. RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1. THE DETECTABLE WARNING AREA SLOPE SHALL NOT BE STEEPER THAN 20:1.
5. CONSTRUCTION OF THE CONCRETE PEDESTRIAN CURB TO BE INCLUDED IN THE COST OF THE CURB RAMP.
6. DETECTABLE WARNINGS SHALL BE EAST JORDON IRON WORKS 7005 SERIES DETECTABLE WARNING PLATES OR APPROVED EQUAL.

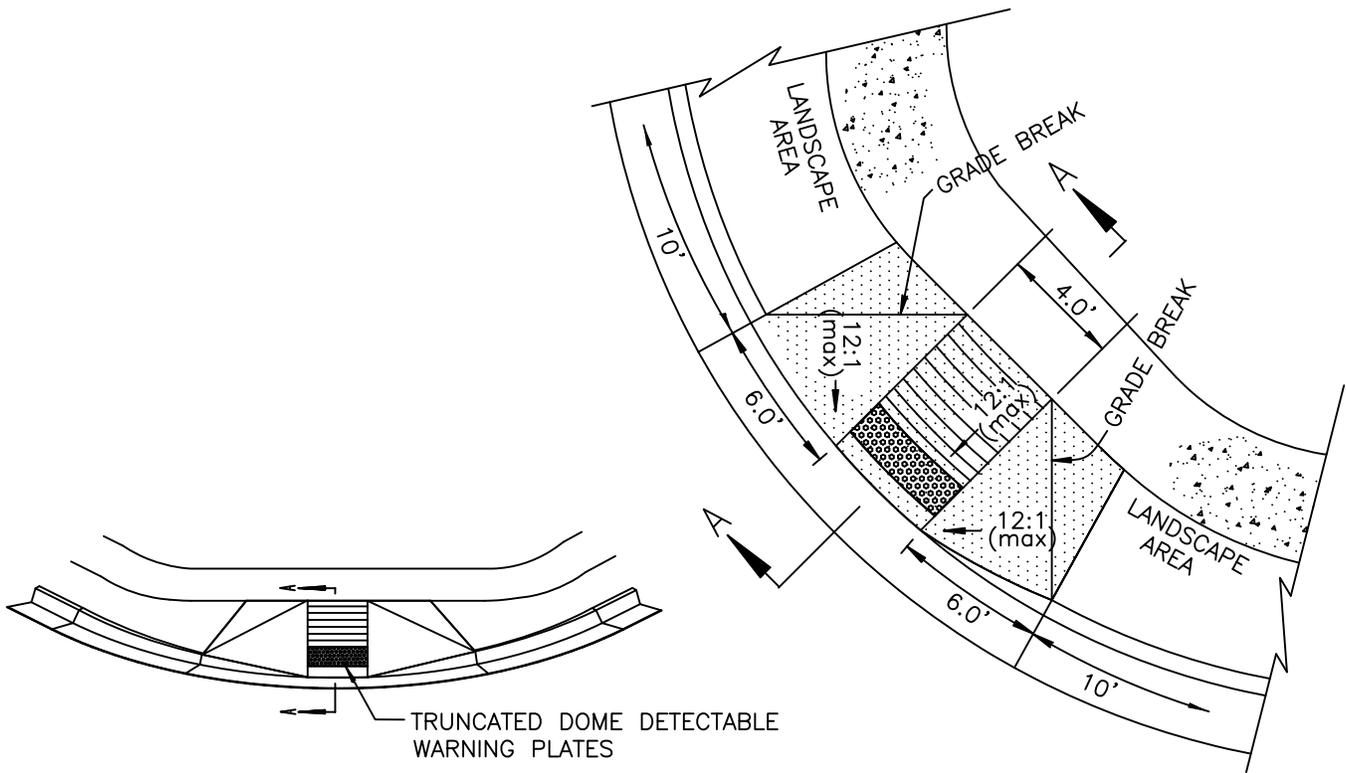


ISOMETRIC VIEW

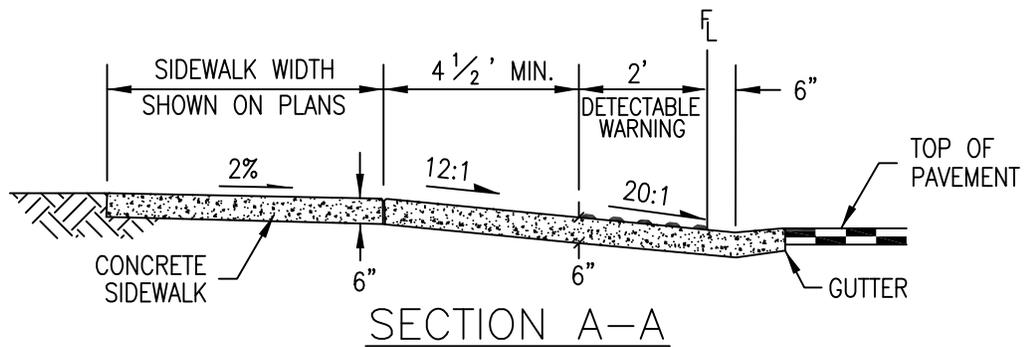


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TRUNCATED DOME DETECTABLE WARNING PLATES

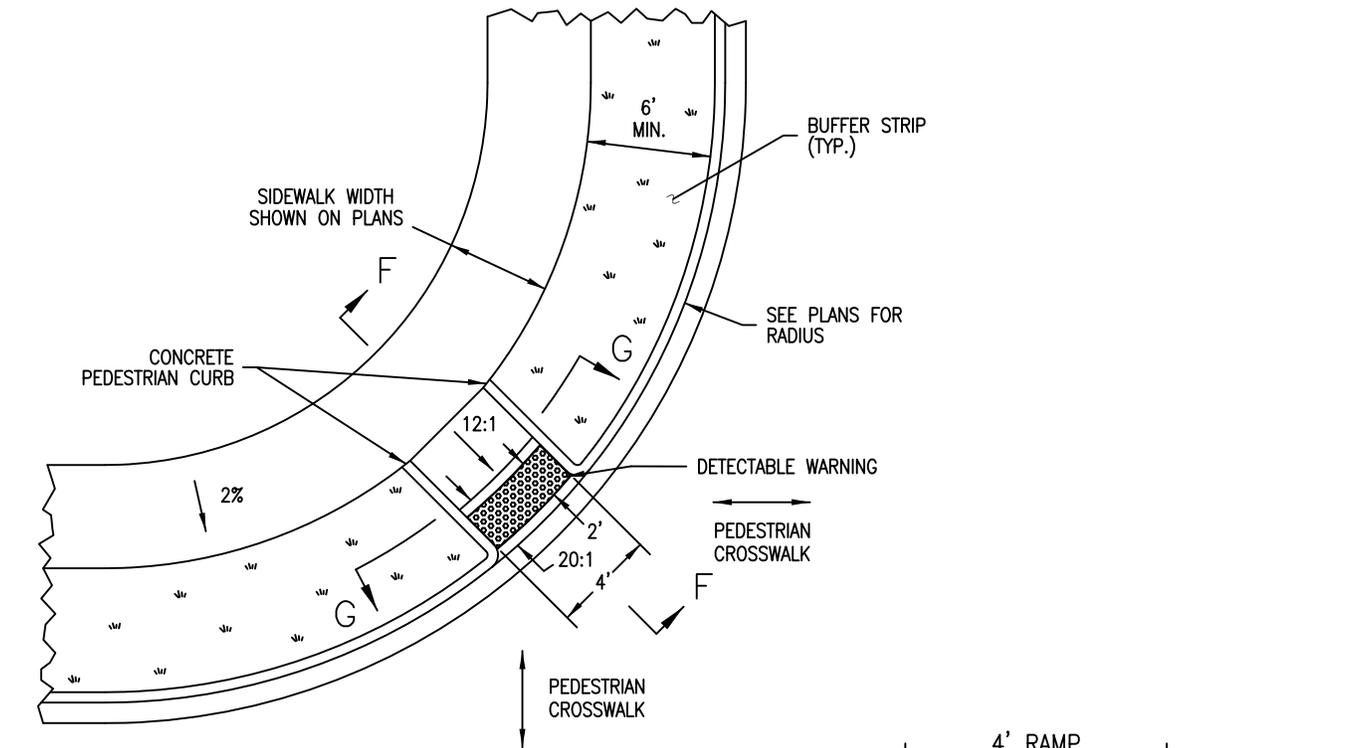


SECTION A-A

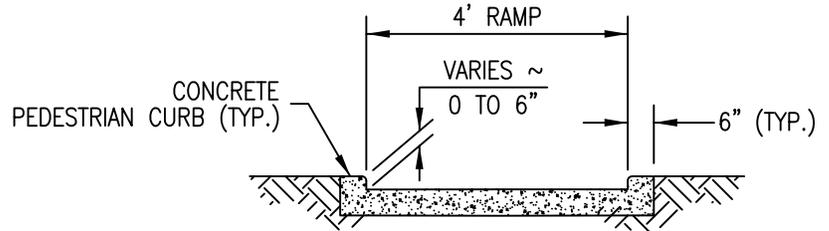
NOTES:

1. THERE SHALL BE NO LIP WHERE THE RAMP MEETS THE GUTTER.
2. CURB RAMPS SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS AND AT "T" INTERSECTIONS WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB.
3. RAMP SURFACE SHALL HAVE A COARSE BROOM FINISH WITH GROOVES PLACED PERPENDICULAR TO THE SLOPE AT 8" INTERVALS, 1/2" DEPTH.
4. CURB RAMPS SHALL BE POURED MONOLITHICALLY WITH THE CURB, GUTTER AND APRON.
5. RAMP DIMENSIONS SHALL BE SPECIFIED ON THE CONSTRUCTION PLANS, RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 12:1.
6. RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1. THE DETECTABLE WARNING AREA SLOPE SHALL NOT BE STEEPER THAN 20:1.
7. DETECTABLE WARNINGS SHALL BE EAST JORDON IRON WORKS 7005 SERIES DETECTABLE WARNING PLATES OR APPROVED EQUAL.

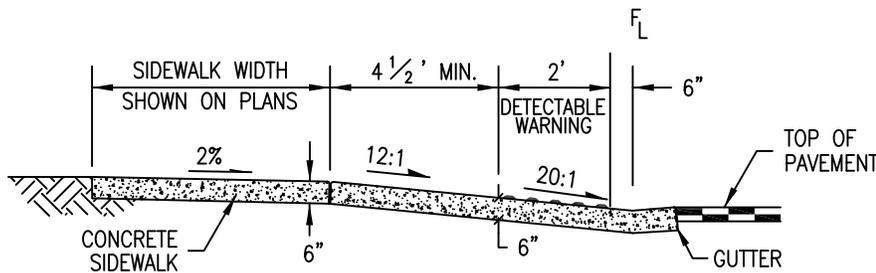




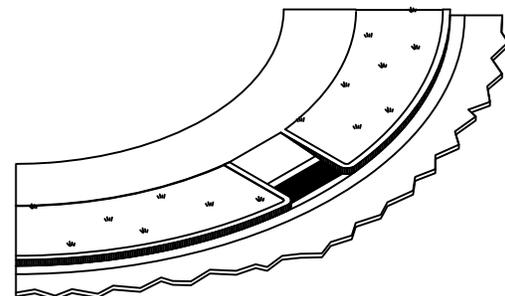
SIDEWALK RAMP TYPE 3A
PLAN



SECTION G-G



SECTION F-F



ISOMETRIC VIEW

NOTES:

1. GROOVED JOINTS SHALL BE SPACED 8" APART 1/2" DEPTH. FOR CLARITY, NOT ALL JOINTS ARE SHOWN. NO LIP AT FLOWLINE.
2. THE RAMP AREA SHALL RECEIVE A COARSER BRUSH TREATMENT THAN THE SIDEWALK. BROOMING SHALL NOT CAUSE THE GROOVES TO CLOSE.
3. AVOID PLACING DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
4. RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1. THE DETECTABLE WARNING AREA SLOPE SHALL NOT BE STEEPER THAN 20:1.
5. CONSTRUCTION OF THE CONCRETE PEDESTRIAN CURB TO BE INCLUDED IN THE COST OF THE CURB RAMP.
6. DETECTABLE WARNINGS SHALL BE EAST JORDON IRON WORKS 7005 SERIES DETECTABLE WARNING PLATES OR APPROVED EQUAL.

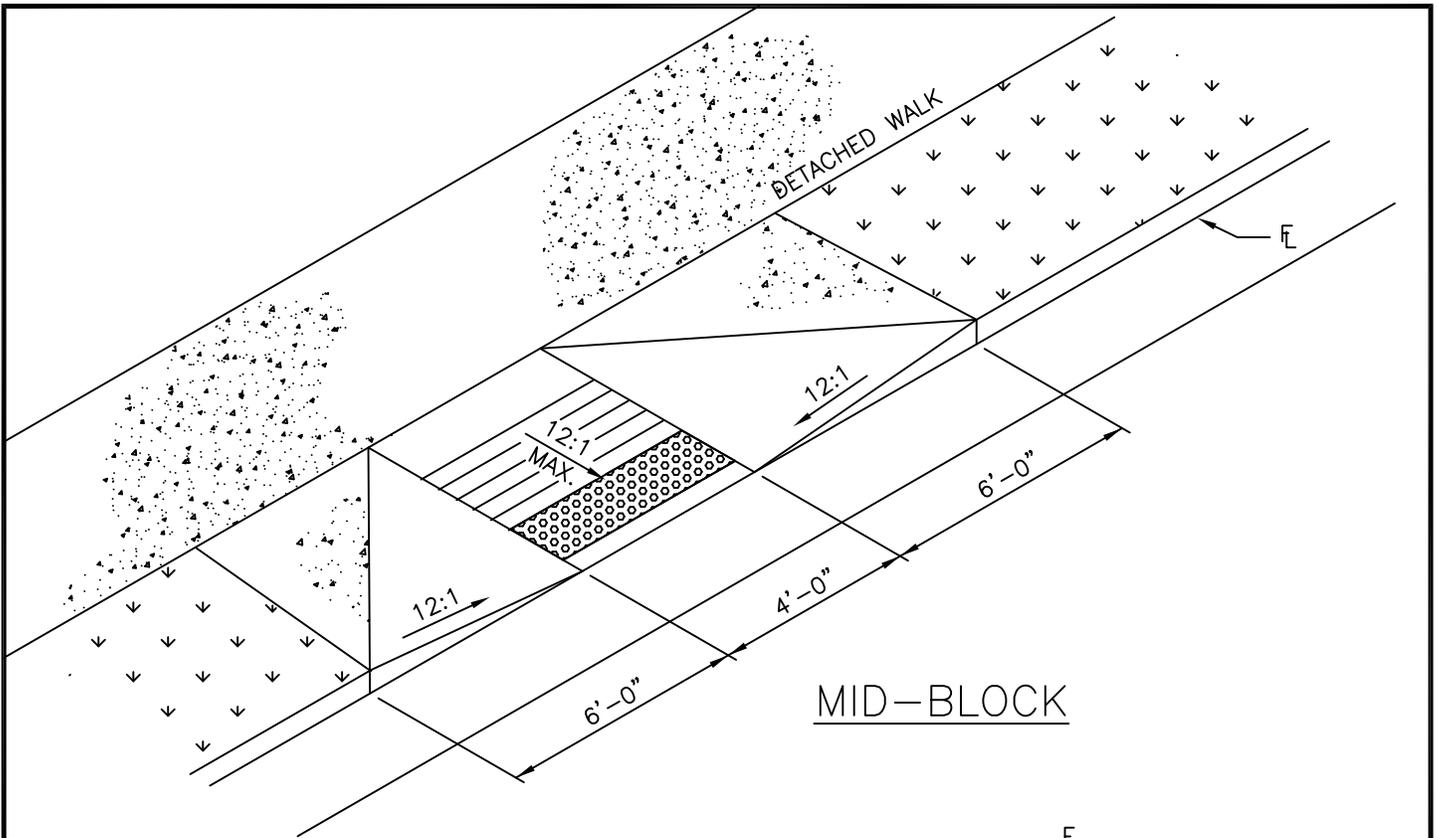
The Town of
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COLORADO



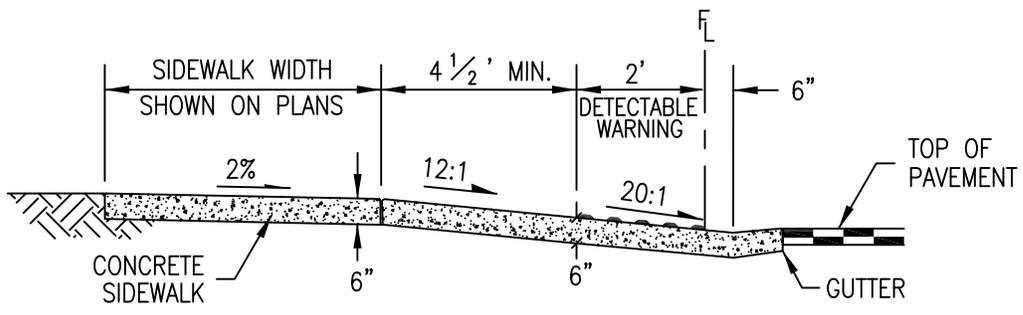
DRAWING TITLE: CURB RAMP TYPE 3
DETACHED SIDEWALK

DRAWING NUMBER: SW9

DRAWN BY: D. JENKINS APPROVED BY: G. BEHLEN DATE: 01/2015



MID-BLOCK

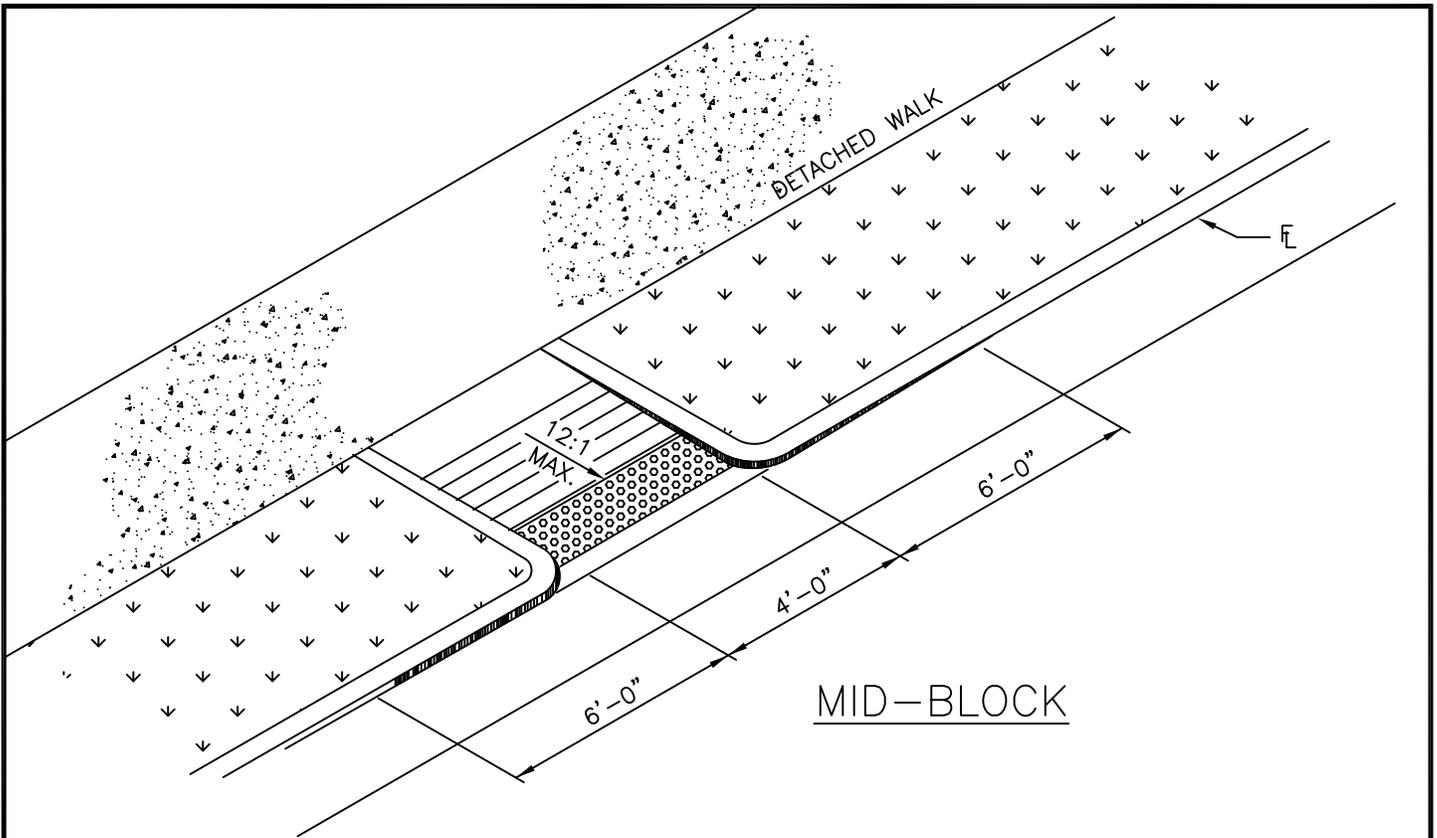


TYPICAL RAMP SECTION

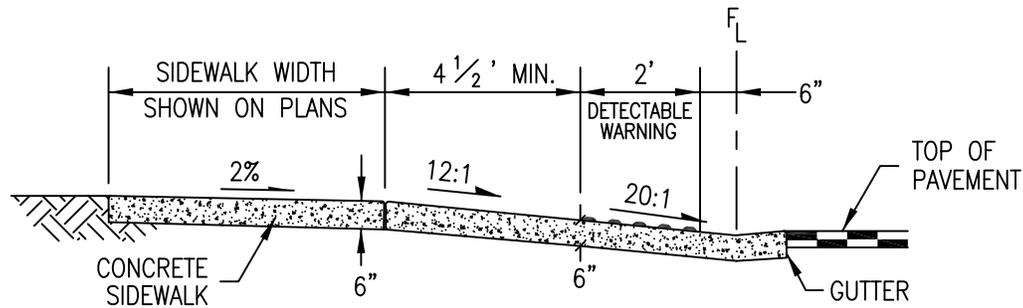
NOTES:

1. THERE SHALL BE NO LIP WHERE THE RAMP MEETS THE GUTTER.
2. CURB RAMP SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS AND AT "T" INTERSECTIONS WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB.
3. RAMP SURFACE SHALL HAVE A COARSE BROOM FINISH WITH GROOVES PLACED PERPENDICULAR TO THE SLOPE AT 8" INTERVALS, 1/2" DEPTH.
4. CURB RAMP SHALL BE POURED MONOLITHICALLY WITH THE CURB, GUTTER AND APRON.
5. RAMP DIMENSIONS SHALL BE SPECIFIED ON THE CONSTRUCTION PLANS, RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 12:1.
6. RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1. THE DETECTABLE WARNING AREA SLOPE SHALL NOT BE STEEPER THAN 20:1.
7. DETECTABLE WARNINGS SHALL BE EAST JORDON IRON WORKS 7005 SERIES DETECTABLE WARNING PLATES OR APPROVED EQUAL.





MID-BLOCK

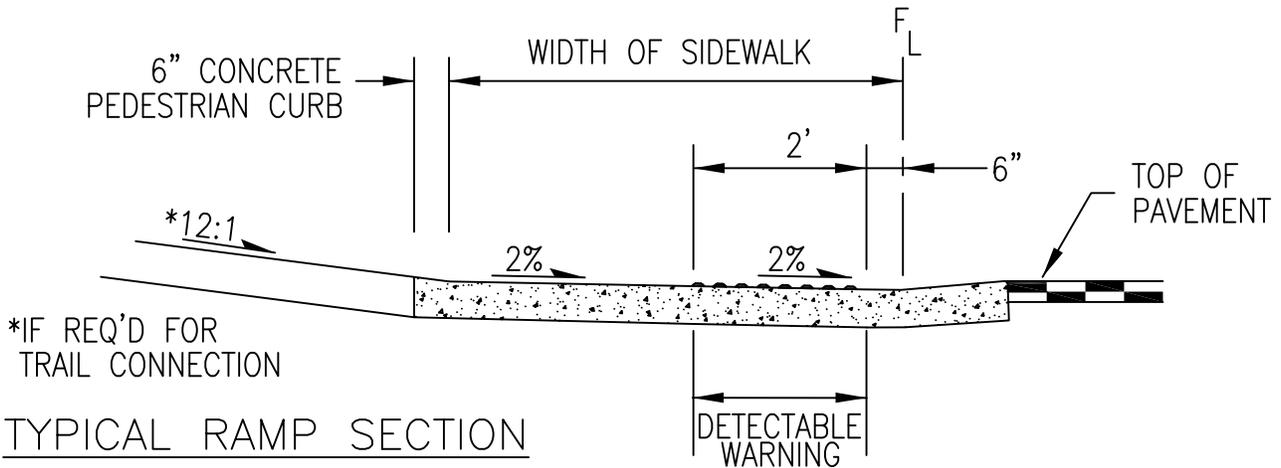
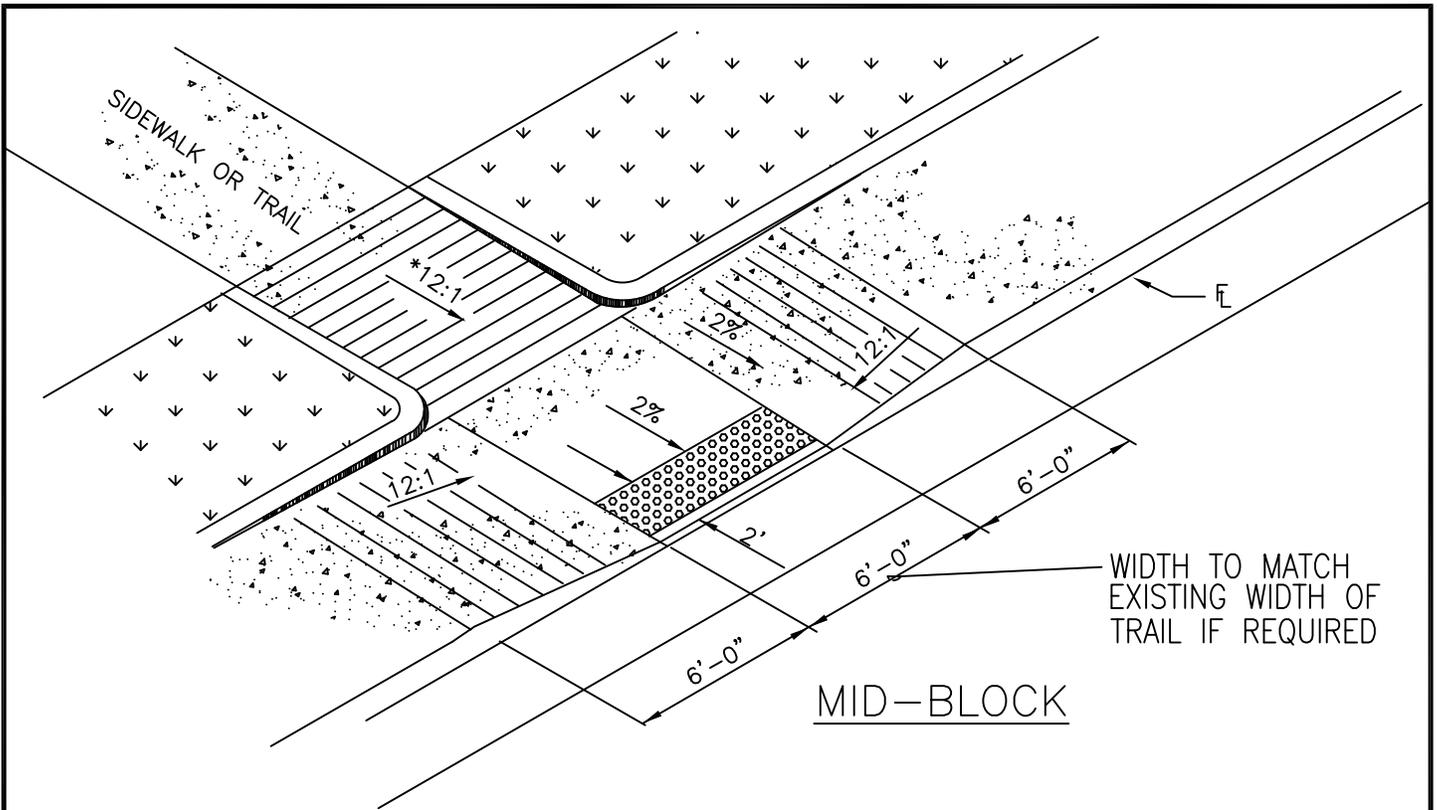


TYPICAL RAMP SECTION

NOTES:

1. THERE SHALL BE NO LIP WHERE THE RAMP MEETS THE GUTTER.
2. CURB RAMP SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS AND AT "T" INTERSECTIONS WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB.
3. RAMP SURFACE SHALL HAVE A COARSE BROOM FINISH WITH GROOVES PLACED PERPENDICULAR TO THE SLOPE AT 8" INTERVALS, 1/2" DEPTH.
4. CURB RAMP SHALL BE POURED MONOLITHICALLY WITH THE CURB, GUTTER AND APRON.
5. RAMP DIMENSIONS SHALL BE SPECIFIED ON THE CONSTRUCTION PLANS, RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 12:1.
6. RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1. THE DETECTABLE WARNING AREA SLOPE SHALL NOT BE STEEPER THAN 20:1.
7. DETECTABLE WARNINGS SHALL BE EAST JORDON IRON WORKS 7005 SERIES DETECTABLE WARNING PLATES OR APPROVED EQUAL.





NOTES:

1. THERE SHALL BE NO LIP WHERE THE RAMP MEETS THE GUTTER.
2. CURB RAMPS SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS AND AT "T" INTERSECTIONS WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB.
3. RAMP SURFACE SHALL HAVE A COARSE BROOM FINISH WITH GROOVES PLACED PERPENDICULAR TO THE SLOPE AT 8" INTERVALS, 1/2" DEPTH.
4. CURB RAMPS SHALL BE POURED MONOLITHICALLY WITH THE CURB, GUTTER AND APRON.
5. RAMP DIMENSIONS SHALL BE SPECIFIED ON THE CONSTRUCTION PLANS, RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 12:1.

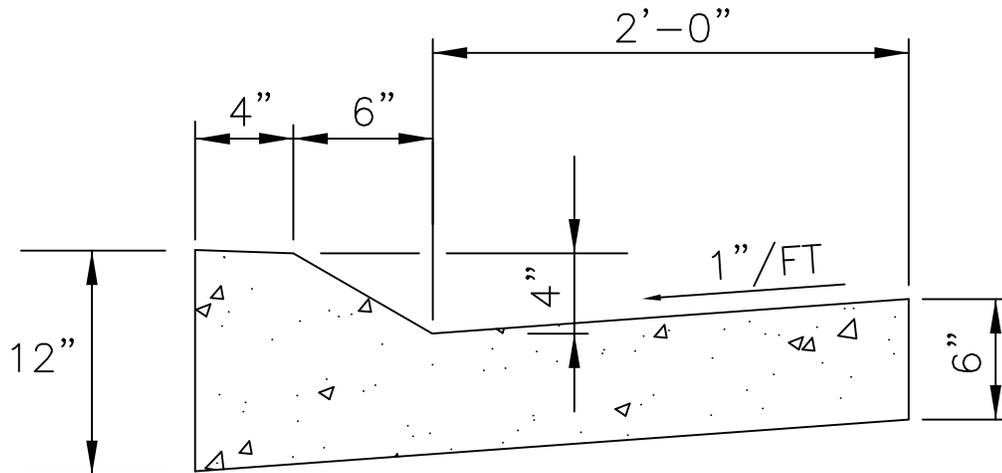
The Town of
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COLORADO



DRAWING TITLE: **CURB RAMP MID BLOCK TYPE 2
ATTACHED SIDEWALK**

DRAWING NUMBER: **SW10C**

DRAWN BY: **D. JENKINS** APPROVED BY: **G. BEHLEN** DATE: **1/2015**



ROLLOVER

MOUNTABLE CURB & GUTTER CATCH

NOTES:

1. SUBGRADE TO BE COMPACTED TO 95% MODIFIED PROCTOR.

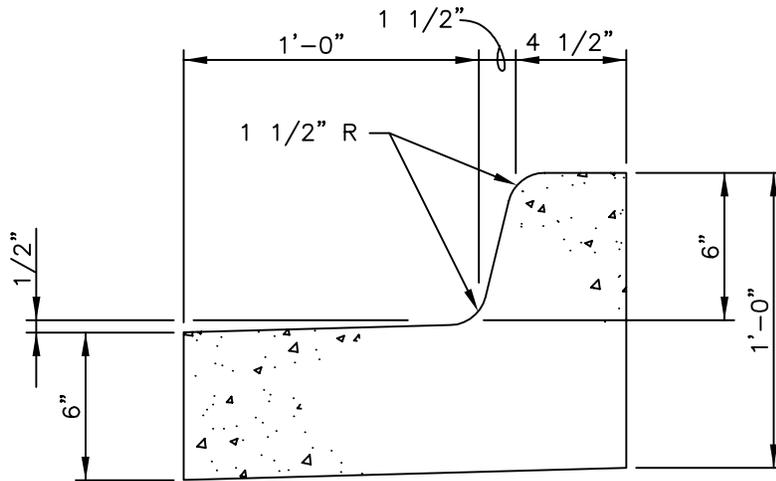
The Town of
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COLORADO



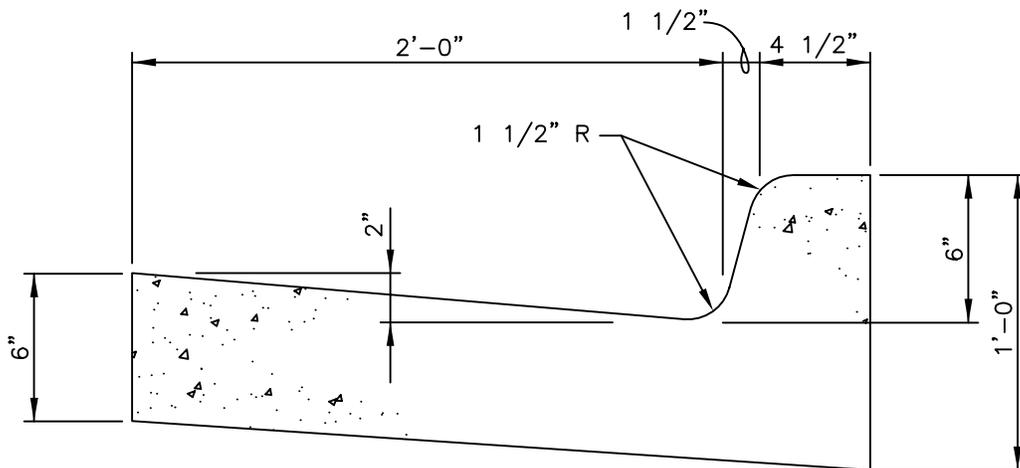
DRAWING TITLE: **MOUNTABLE CURB SECTION**

DRAWING NUMBER: **SW11**

DRAWN BY: **C. GERATY** APPROVED BY: **G. BEHLEN** DATE: **03/2016**



MEDIAN CURB & GUTTER
SPILL

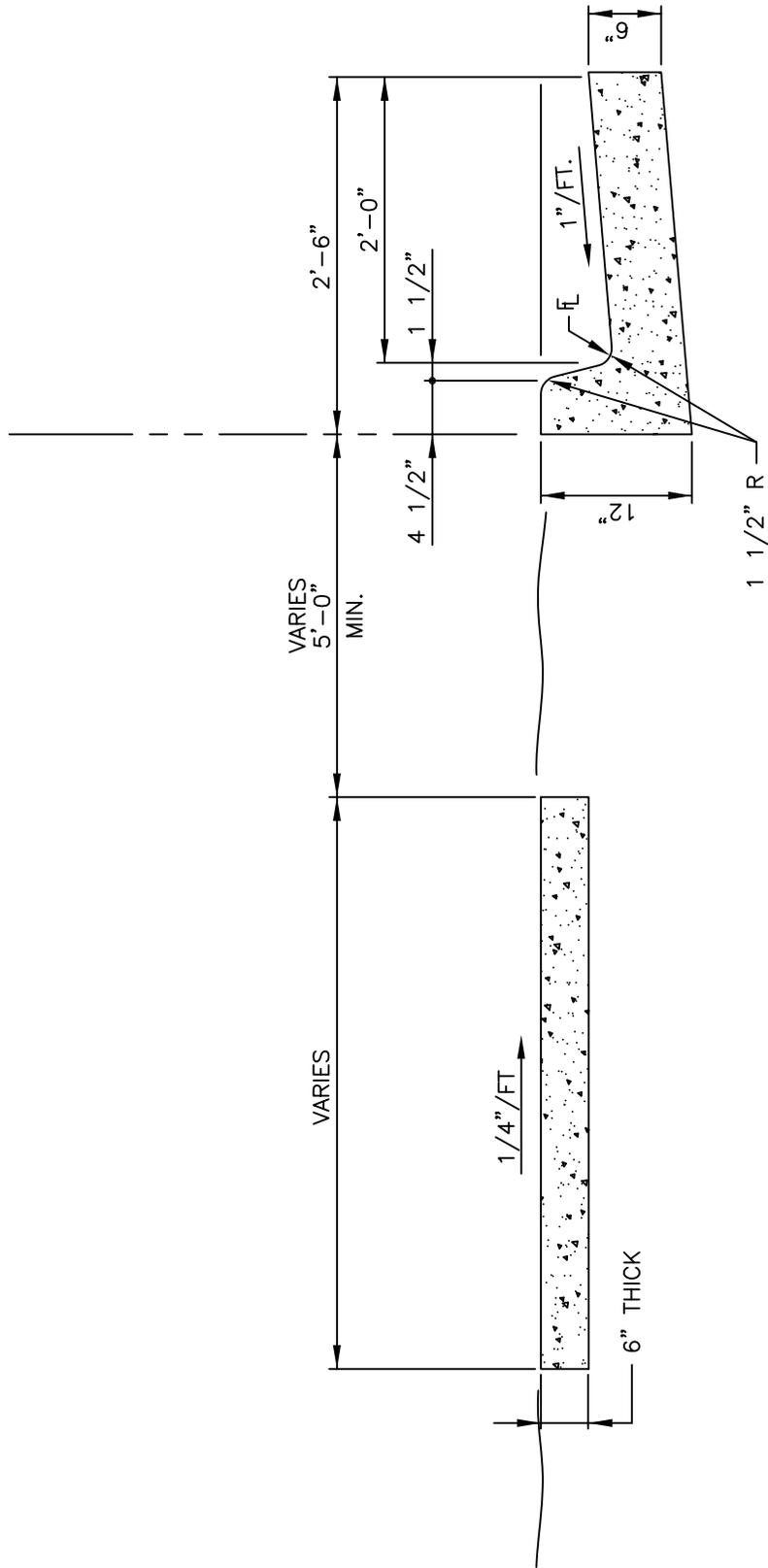


VERTICAL CURB & GUTTER
CATCH

NOTES:

1. SUBGRADE TO BE COMPACTED TO 95% MODIFIED PROCTOR.

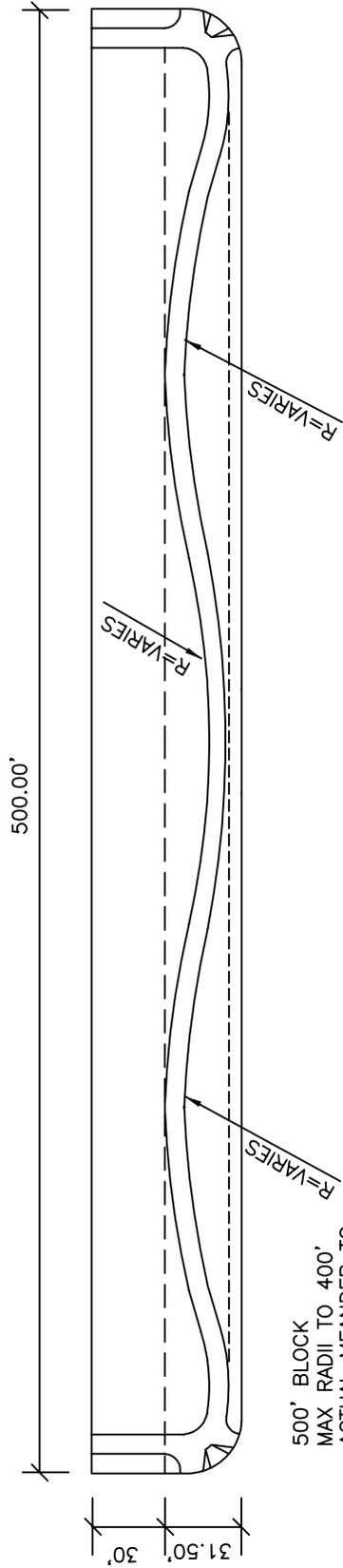




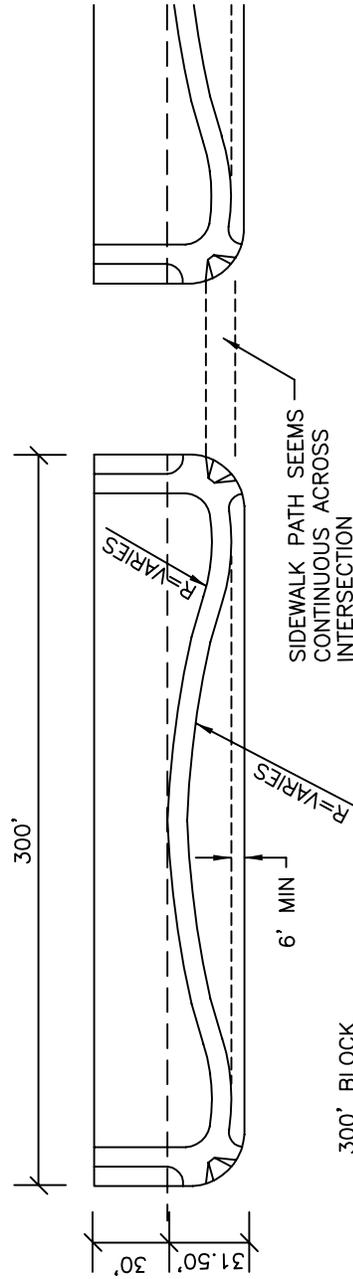
NOTES

1. SIDEWALK WIDTH SHALL BE SPECIFIED ON THE CONSTRUCTION PLANS.
2. LANDSCAPE TREATMENT MUST BE SPECIFIED.
3. 6" VERTICAL CURB, GUTTER, AND SIDEWALK IS REQUIRED FOR COLLECTOR AND ARTERIAL STREETS.





500' BLOCK
 MAX RADII TO 400'
 ACTUAL MEANDER TO
 BE DETERMINED IN
 THE FIELD



300' BLOCK
 MAX RADII TO 300'
 ACTUAL MEANDER TO
 BE DETERMINED IN
 THE FIELD

SIDEWALK OPTIONS

