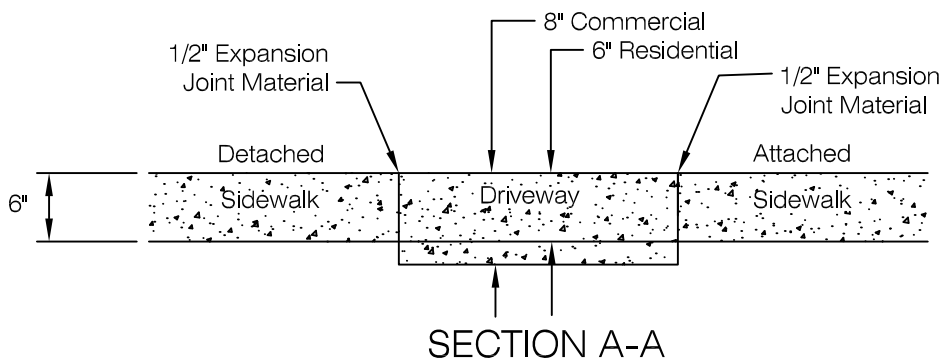
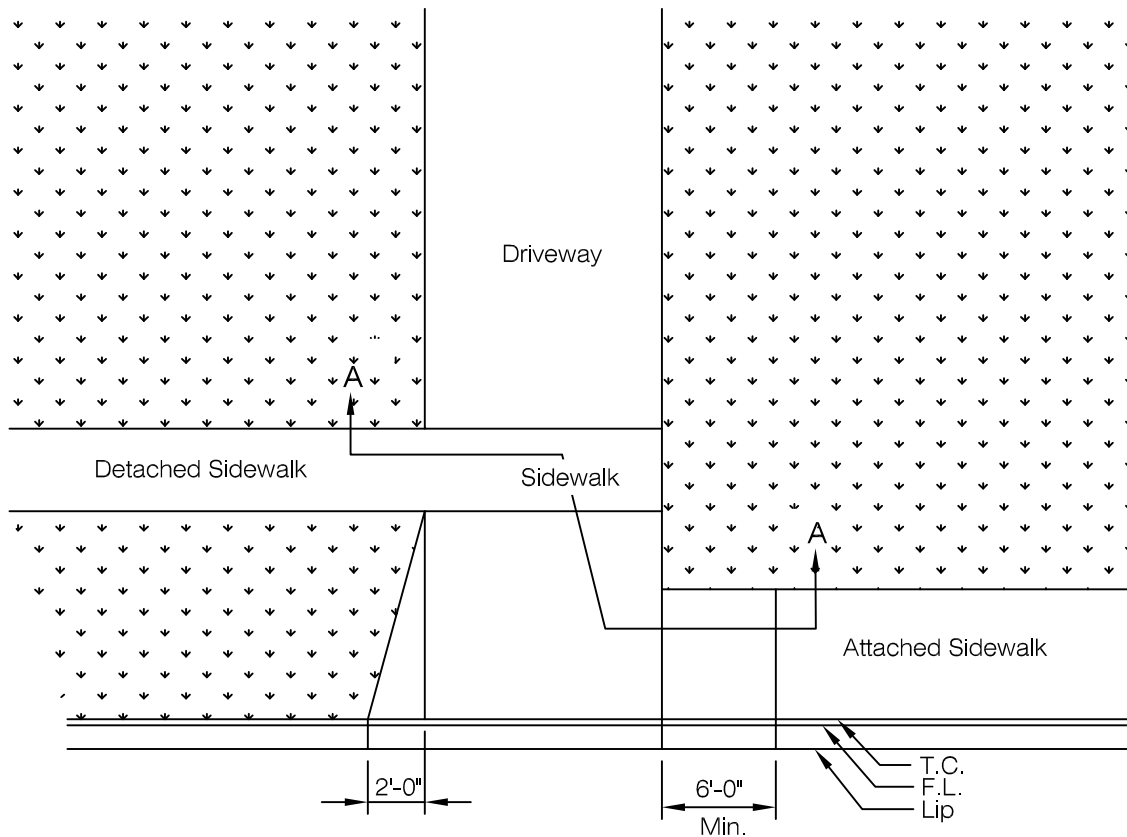




All Sidewalk Thickness Shall Be 6" minimum.

**NOTE:**

1. Sidewalk grade shall remain consistent across driveway
2. For driveway design requirements, see CONST. DWG. Series 706 & 707
3. This detail applies to Residential & Commercial driveways.

**NOT TO SCALE**

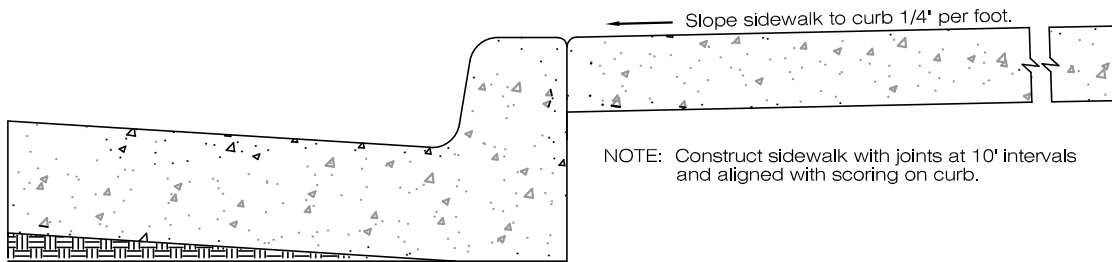
## STANDARD SIDEWALK

**LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS**

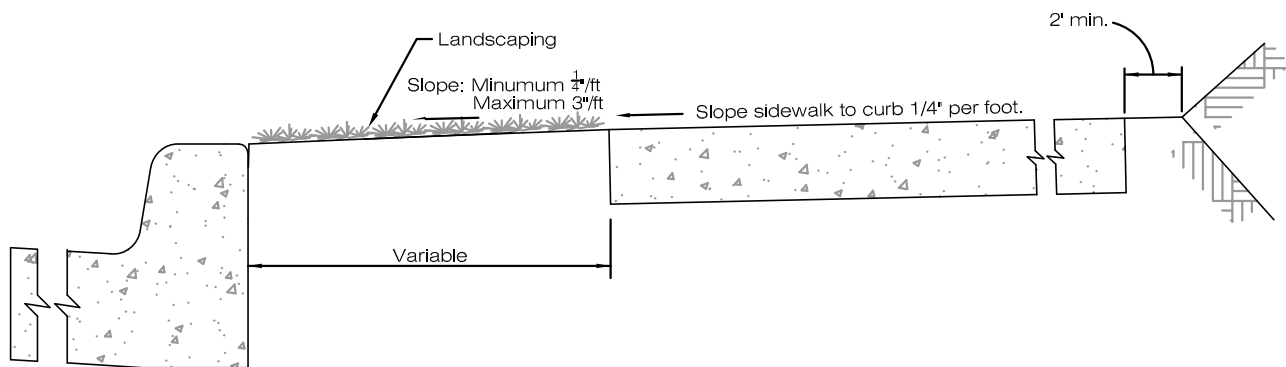
**CONSTRUCTION  
DRAWINGS**

**REVISION NO: 4**  
**DATE: 02/17/15**

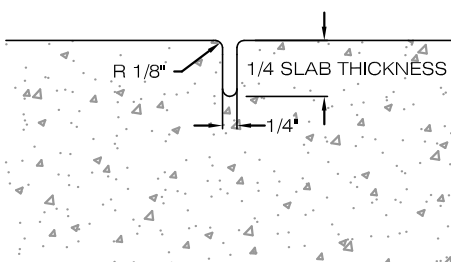
**DRAWING  
1601**



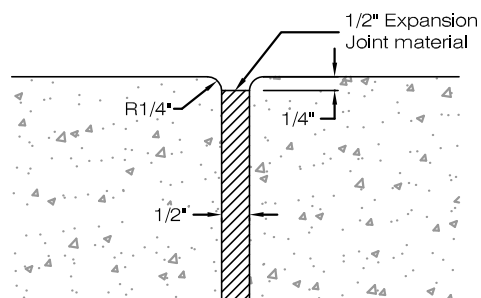
ATTACHED SIDEWALK DETAIL



DETACHED SIDEWALK DETAIL



WEAKENED PLANE JOINT



INSTALL IN LOCATIONS SPECIFIED  
IN CHAPTER 22

EXPANSION JOINT

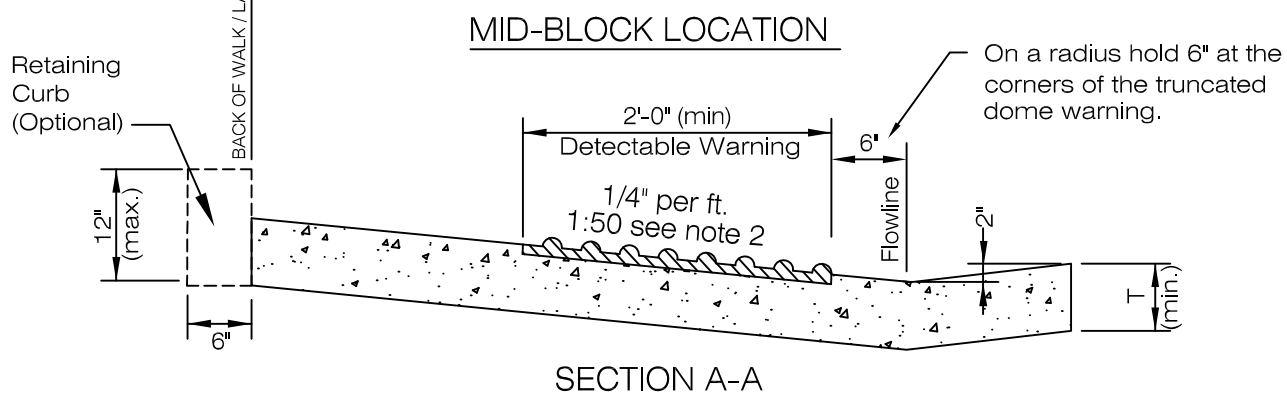
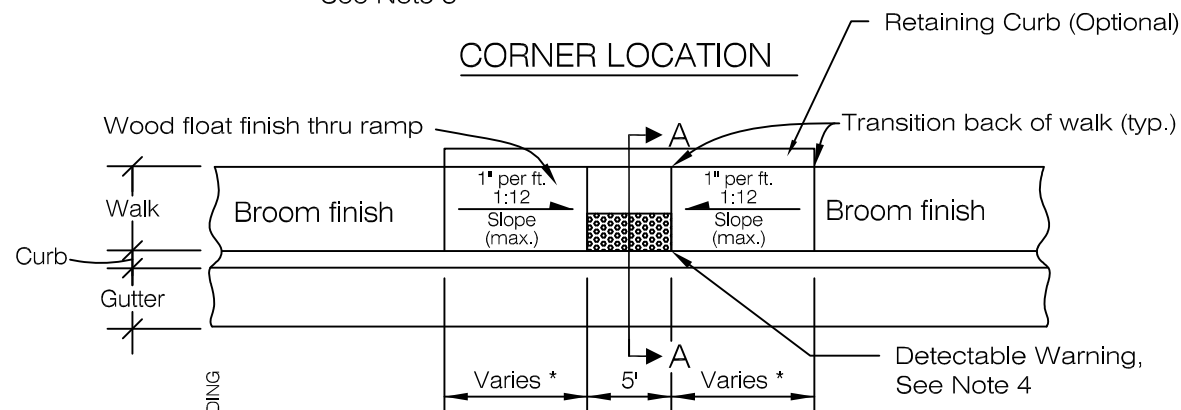
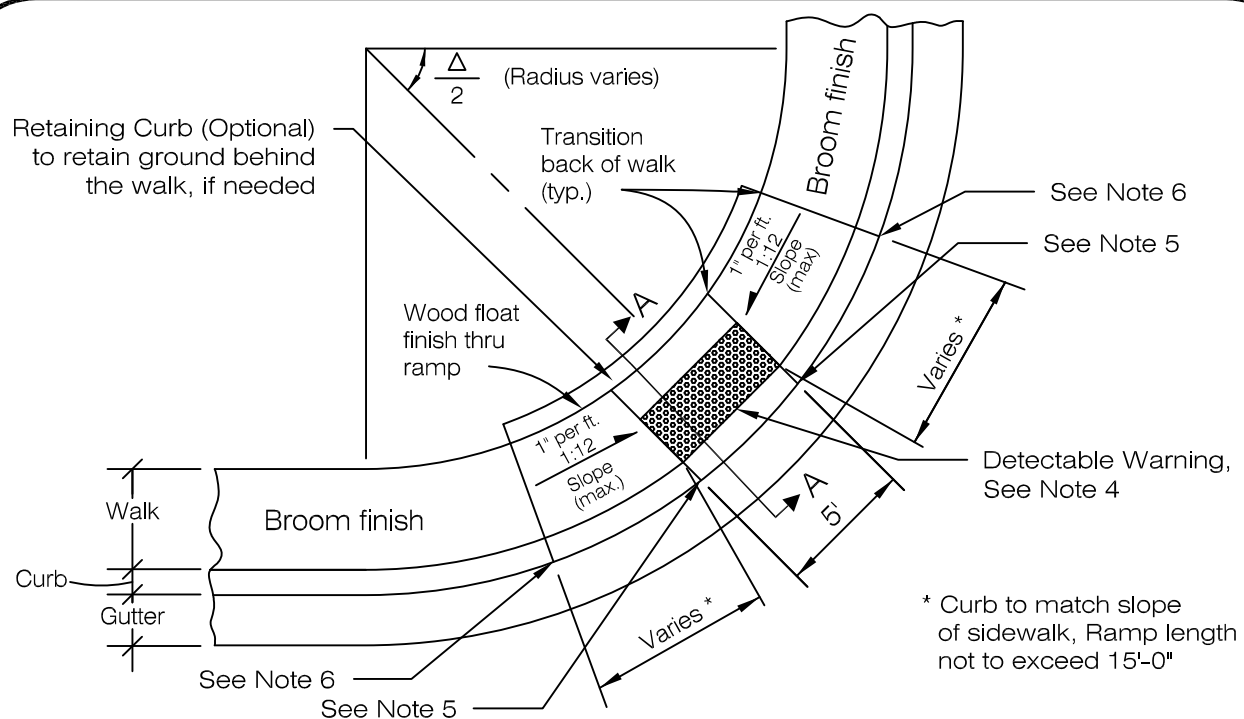
## SIDEWALK DETAIL

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

REVISION NO: 2  
DATE: 04/01/07

DRAWING  
1602



## SECTION A-A

NOTES:

1. T = Concrete thickness, 6" minimum for entire ramp area.
  2. 1:50 Max unless a landing behind ramp (then ramp can be 1:12 with 1:20 on the detectable warning).
  3. See **CONST. DWG. 1606(a) and 1607** for Fort Collins.
  4. Detectable Warning to extend the full width of the ramp. Material to be approved by Local Engineer.
  5. 0" Curb height, See Section A-A.
  6. Standard Curb and Gutter Section , See Standard Drawing 701.
- NOT TO SCALE**

NOT TO SCALE

## ACCESS RAMP DETAILS

# LARIMER COUNTY URBAN AREA STREET STANDARDS

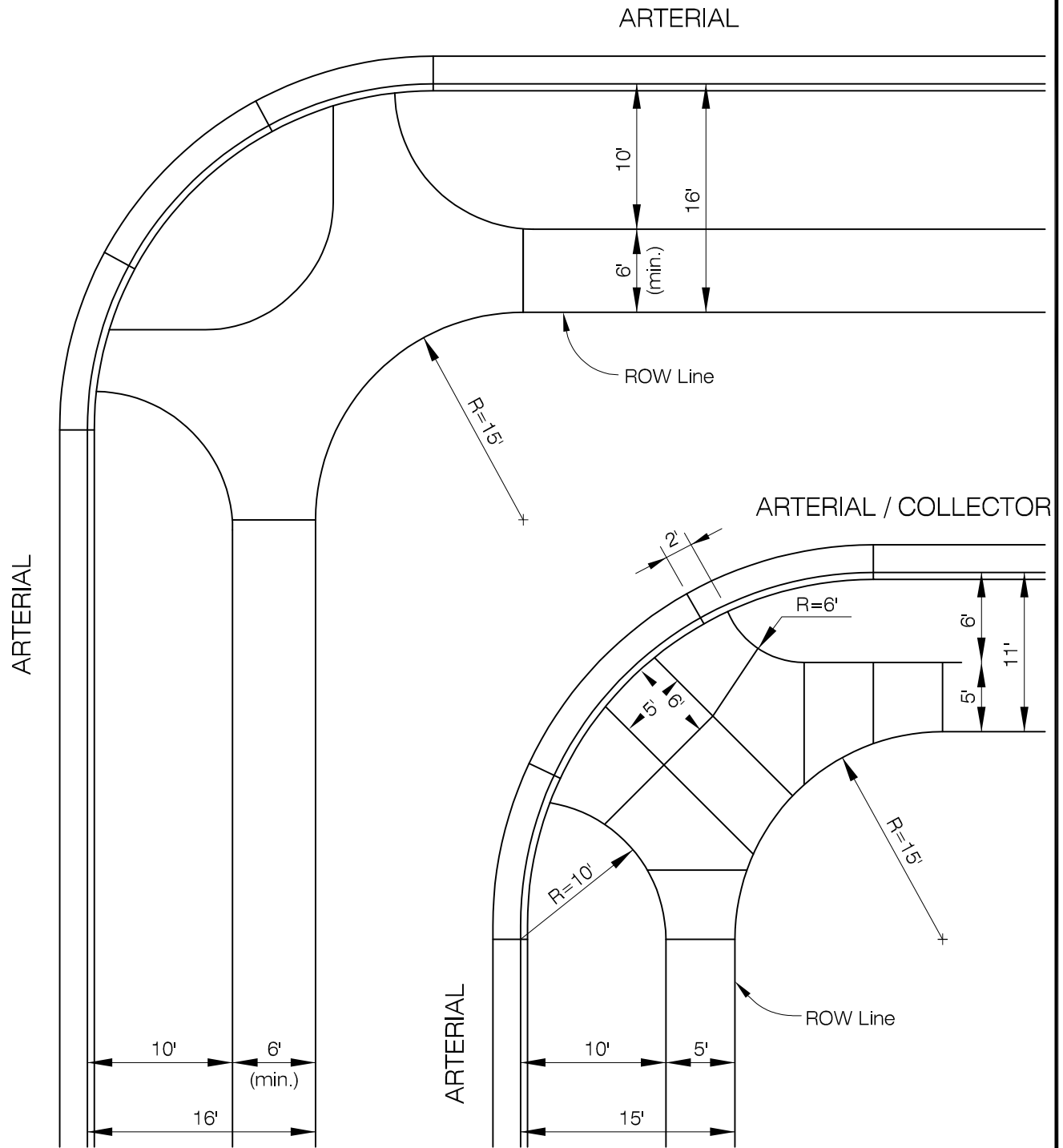
# CONSTRUCTION DRAWINGS

REVISION NO: 2

---

DATE: 02/17/15

DRAWING  
1603



ARTERIAL / ARTERIAL  
For Corner Radius  $\geq 35'$

ARTERIAL / COLLECTOR

## DETACHED WALK / INTERSECTION DETAIL

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

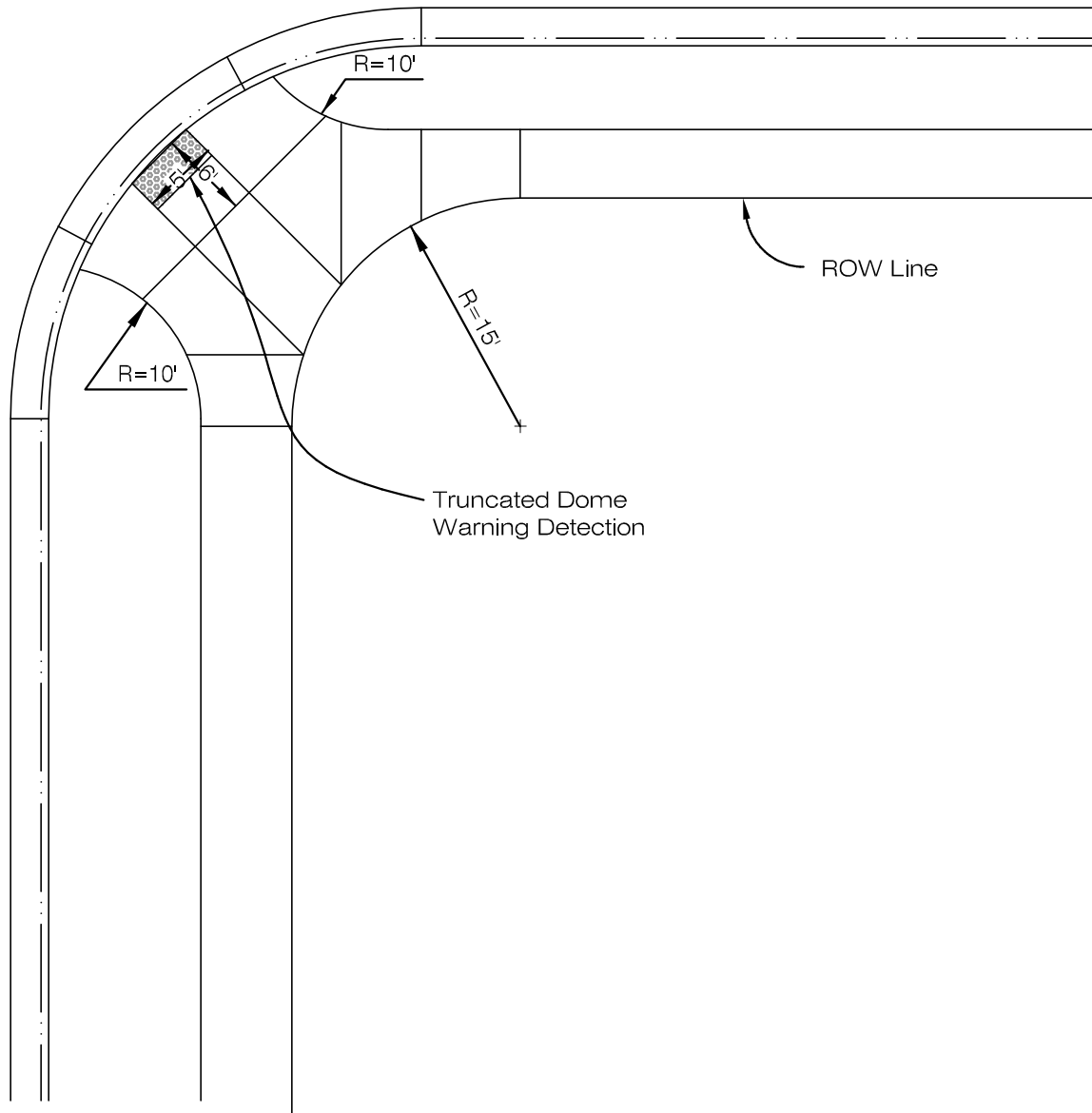
CONSTRUCTION  
DRAWINGS

REVISION NO:

DATE: 08/07/00

DRAWING

1604



Note:  
Use of this detail requires special approval in  
Fort Collins by the Local Entity Engineer.

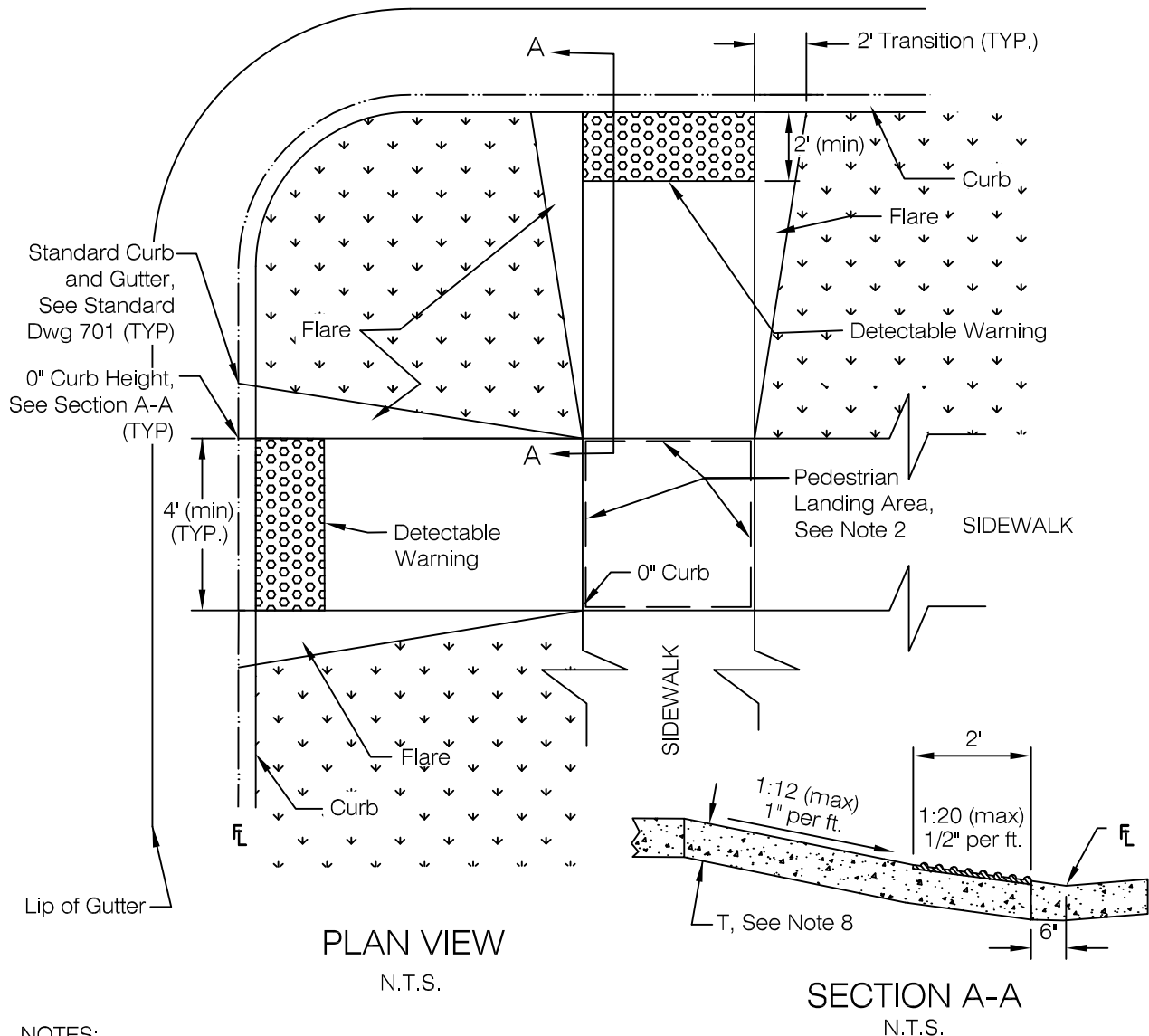
## DETACHED WALK / INTERSECTION DETAIL

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

REVISION NO: 2  
DATE: 04/01/07

DRAWING  
1605



**NOTES:**

1. No joints are allowed in the flowline. Six inch wide curb or "dummy joint" may be tooled no closer than 6 inches from flow line as shown.
2. Pedestrian landing area required 4 ft length x 4 ft width, max slope in any direction is 1:50 or  $\frac{1}{4}$ " per foot.
3. Joint pattern to be according to intersection gutter detail or as determined by the local entity.
4. Wood float finish is required over the sloped surface of ramp and flares.
5. Minimum ramp width shall be four feet, or the same as the widest adjacent sidewalk, whichever is greater, up to a maximum width of 8 feet.
6. Detectable warning is to extend full width of the ramp and be a minimum of 2.0' in the direction of travel. Material to be approved by local engineer
7. T = Concrete thickness, 6" minimum for entire ramp area.

**NOT TO SCALE**

**DIRECTIONAL ACCESS RAMP DETAIL & DETACHED SIDEWALK**

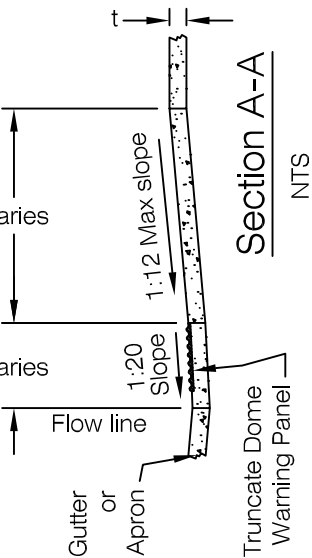
**LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS**

**CONSTRUCTION  
DRAWINGS**

**REVISION NO: 2**  
**DATE: 08/01/21**

**DRAWING  
1606**

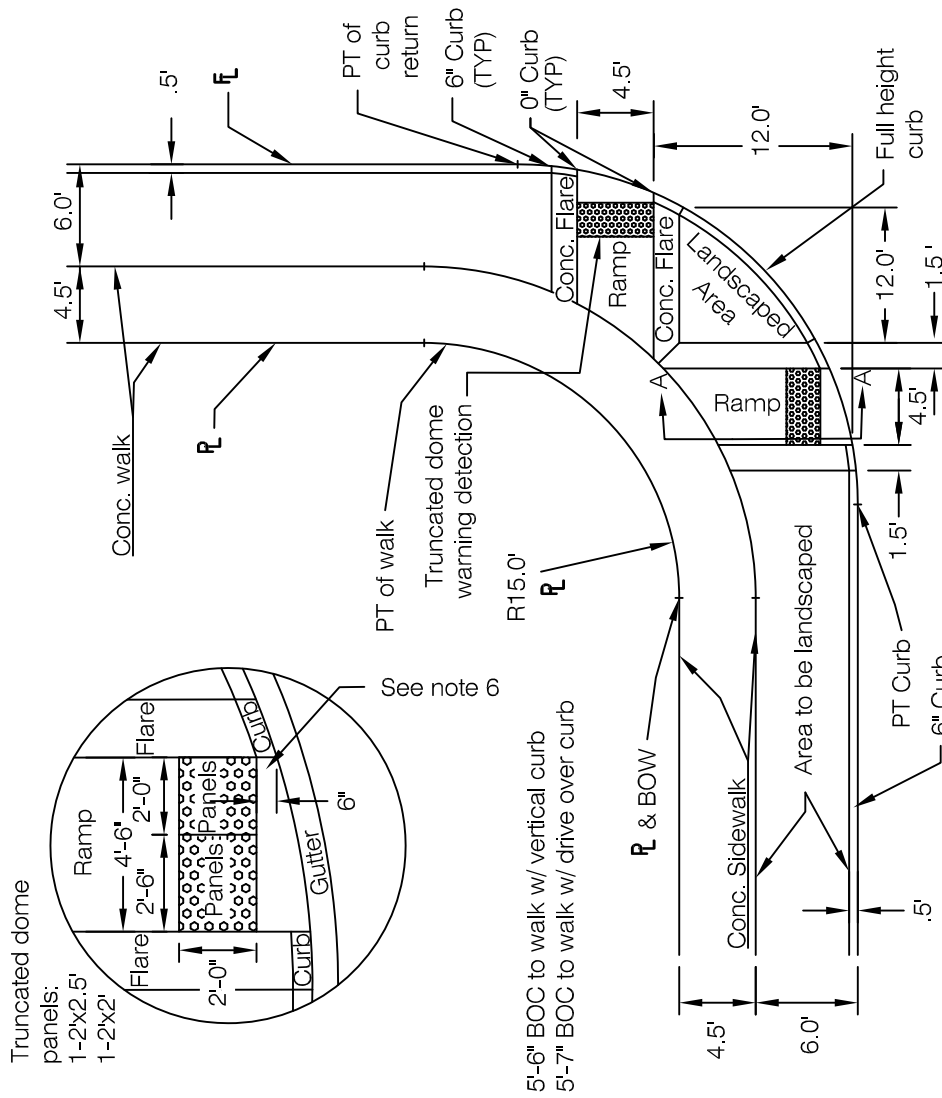
# Truncated Dome Warning Detection Plan Locations



## Notes:

1. Set ramp slopes using the center of the ramp.
2. Truncated dome warning panel: Install panels along with the concrete pour for the ramp. Specifications for the panel material will be provided upon request.
3. Each ramp shall align perpendicular to the street in which the ramp is provided to cross.
4. Refer to standard drawing 1606 in the Laramie County urban area street standards for other necessary criteria needed to construct these ramps that is not specified on this drawing.
5. Construct the ramps and walk so the corner area all drains to the street.
6. If curb and gutter are poured monolithic with ramp, place dome edge at back of curb as shown. If not poured monolithic, place dome edge 6" from back of curb.

NOT TO SCALE



## PLAN VIEW

NTS

## LEGEND:

- BOC- Back of curb
- PT Property Line
- PT - Point of Tangency

## RESIDENTIAL LOCAL STREET ACCESS RAMPS

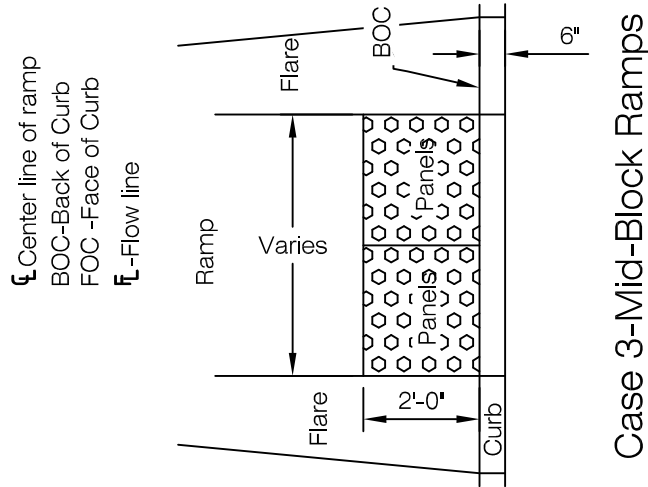
LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

REVISION NO: 3  
DATE: 02/17/15

DRAWING  
1606a

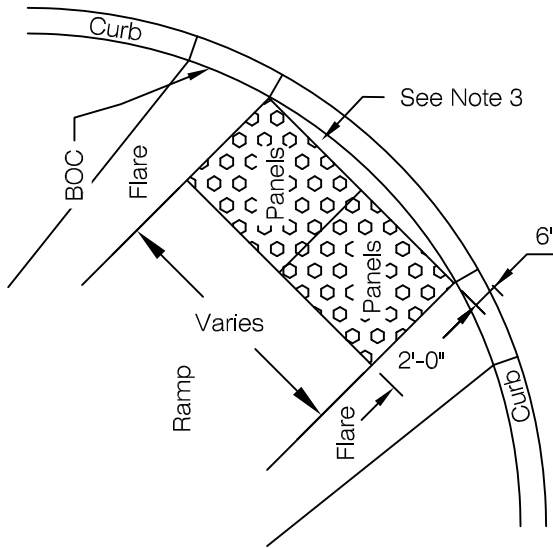
# FORT COLLINS ONLY



Case 3-Mid-Block Ramps

| Ramp Width | Panel Width  |
|------------|--------------|
| 4.5'       | 2'+2.5'      |
| 5.0'       | 2.5'+2.5'    |
| 6.0'       | 2'+2'+2'     |
| 7.0'       | 2.5'+2'+2.5' |
| 8.0'       | 2'+2'+2'+2'  |

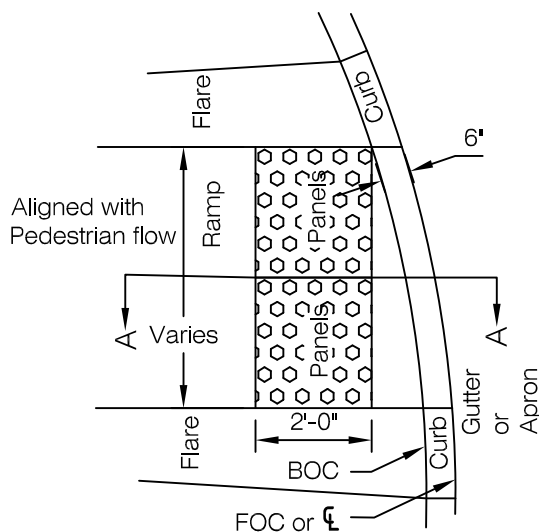
Note:  
Truncated dome panels are available in 2x2' squares and 2x2.5' rectangles. Combine the widths to fit the ramp. Panels may be cut to no less than a 2'x1.5' size.



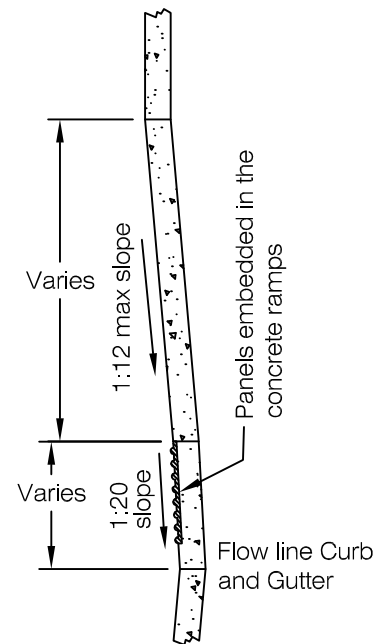
Case 2-Non-Directional Ramps

## Notes:

1. Truncated dome warning panel: Install panels along with the concrete pour for the ramp. Specifications for the panel and installation instructions will be provided upon request.
2. This drawing shows vertical curb. For Drive Over Curb the warning detection location shall be placed in the same position 6" back from the back of curb.
3. If curb and gutter are poured monolithic with ramp, place dome edge at back of curb as shown. If not poured monolithic, place dome edge 6" from back of curb.



Case 1-Directional Ramps



Section A-A (Center line of ramp)

NOT TO SCALE

## TRUNCATED DOME WARNING FOR ACCESS RAMPS

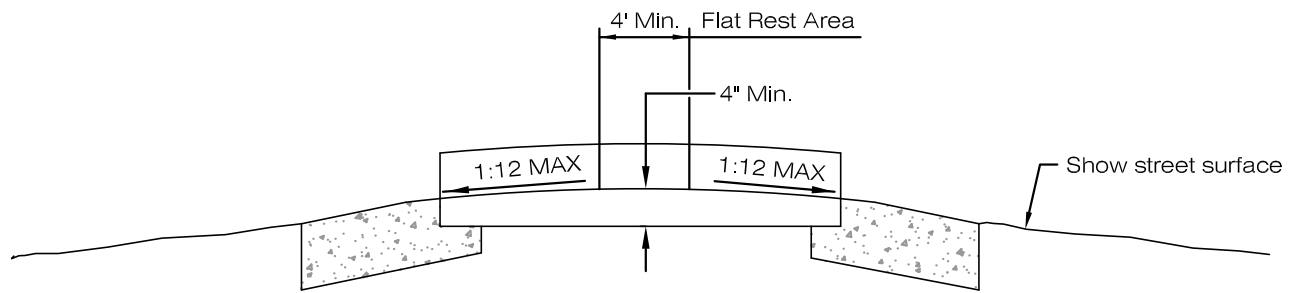
LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

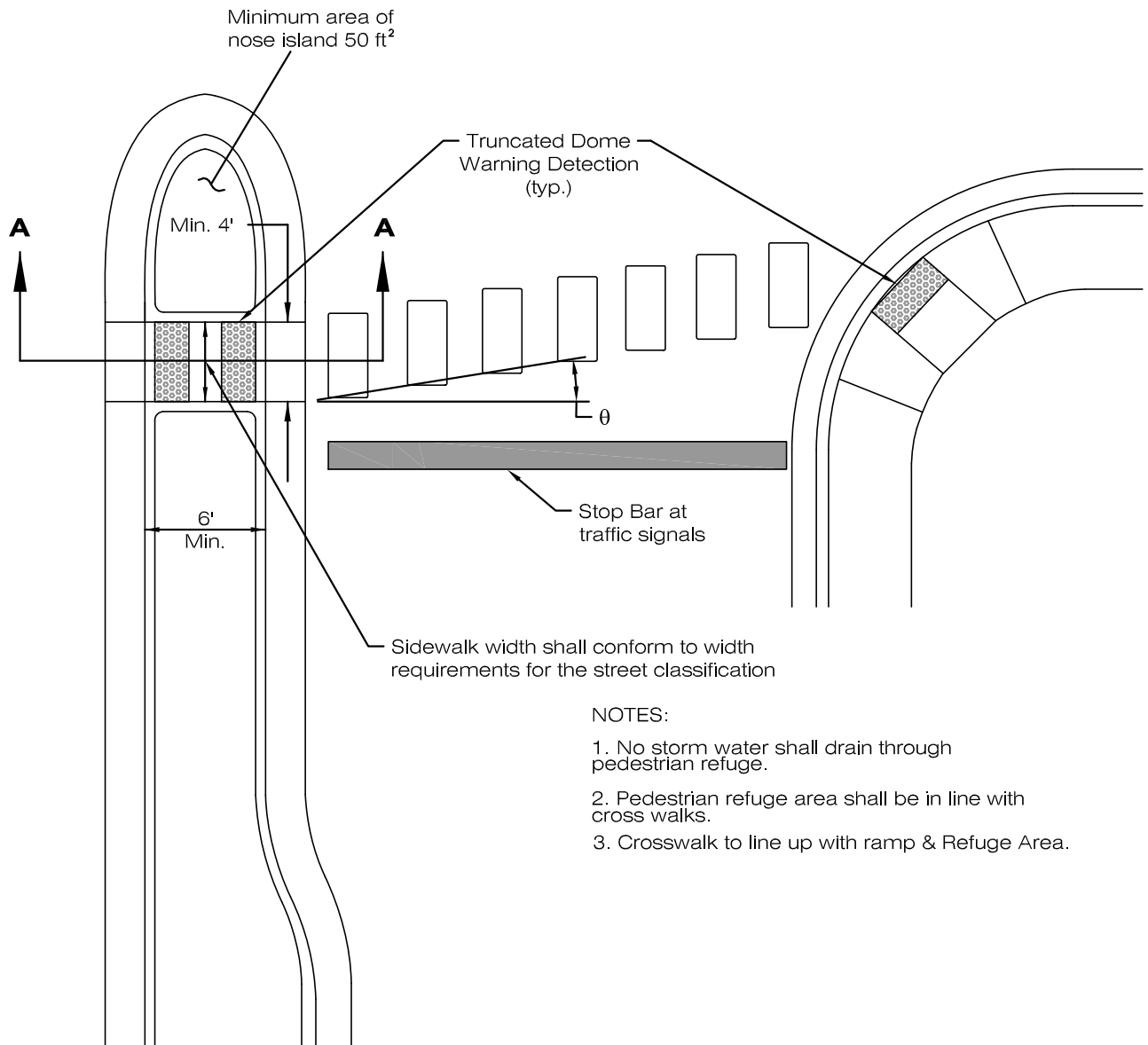
REVISION NO: 3  
DATE: 02/17/15

DRAWING  
1607





### **SECTION A-A**



#### **NOTES:**

1. No storm water shall drain through pedestrian refuge.
2. Pedestrian refuge area shall be in line with cross walks.
3. Crosswalk to line up with ramp & Refuge Area.

## **MEDIAN ISLANDS & PEDESTRIAN REFUGE AREA**

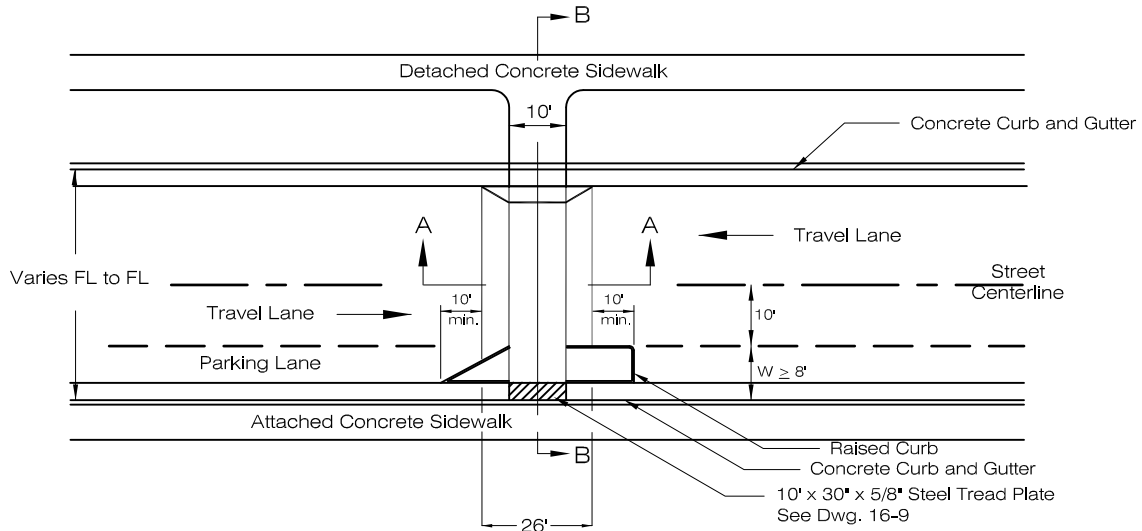
**LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS**

**CONSTRUCTION  
DRAWINGS**

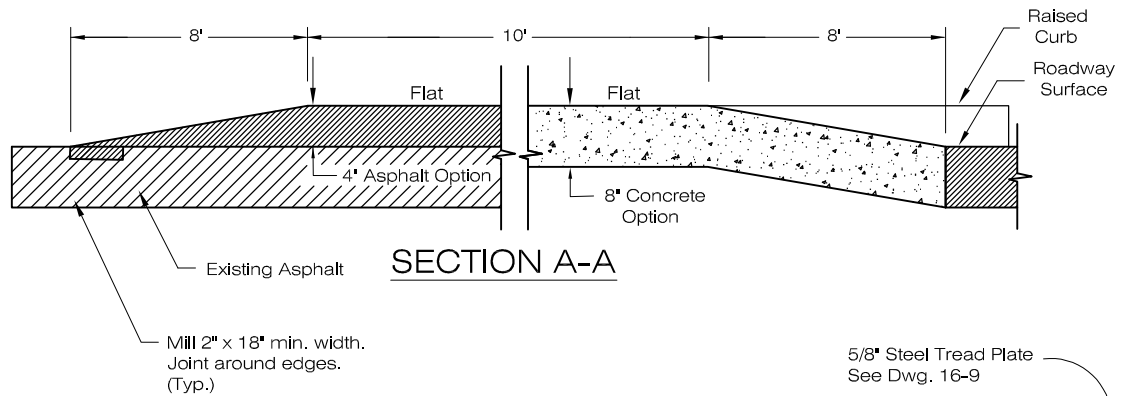
**REVISION NO: 2**  
**DATE: 04/01/07**

**DRAWING  
1608**

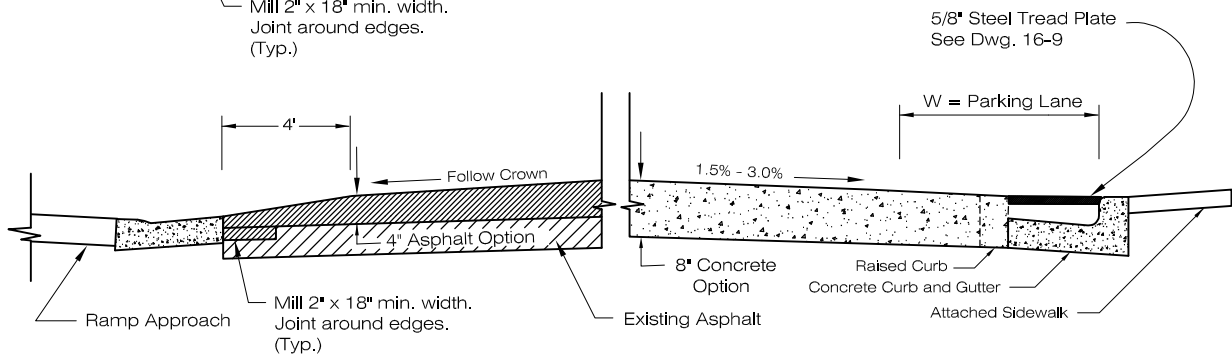
# LOVELAND ONLY



PLAN VIEW



SECTION A-A



SECTION B-B  
Curb Options

NOTES:

1. Contractor to use tack coat on all contact surfaces.
2. Speed Hump shall follow crown of road with constant thickness of 4\".
3. Ramp or elevated approaches may be used.

4. Speed Humps are not allowed on major collector or arterial roadways.

5. See Dwgs 14-19 and 14-16 for signing and marking requirements.

6. Asphalt or concrete may be used for raised pedestrian crossings with ramp approach. Concrete only shall be used for elevated approach.

## RAISED PEDESTRIAN CROSSING / SPEED TABLE

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

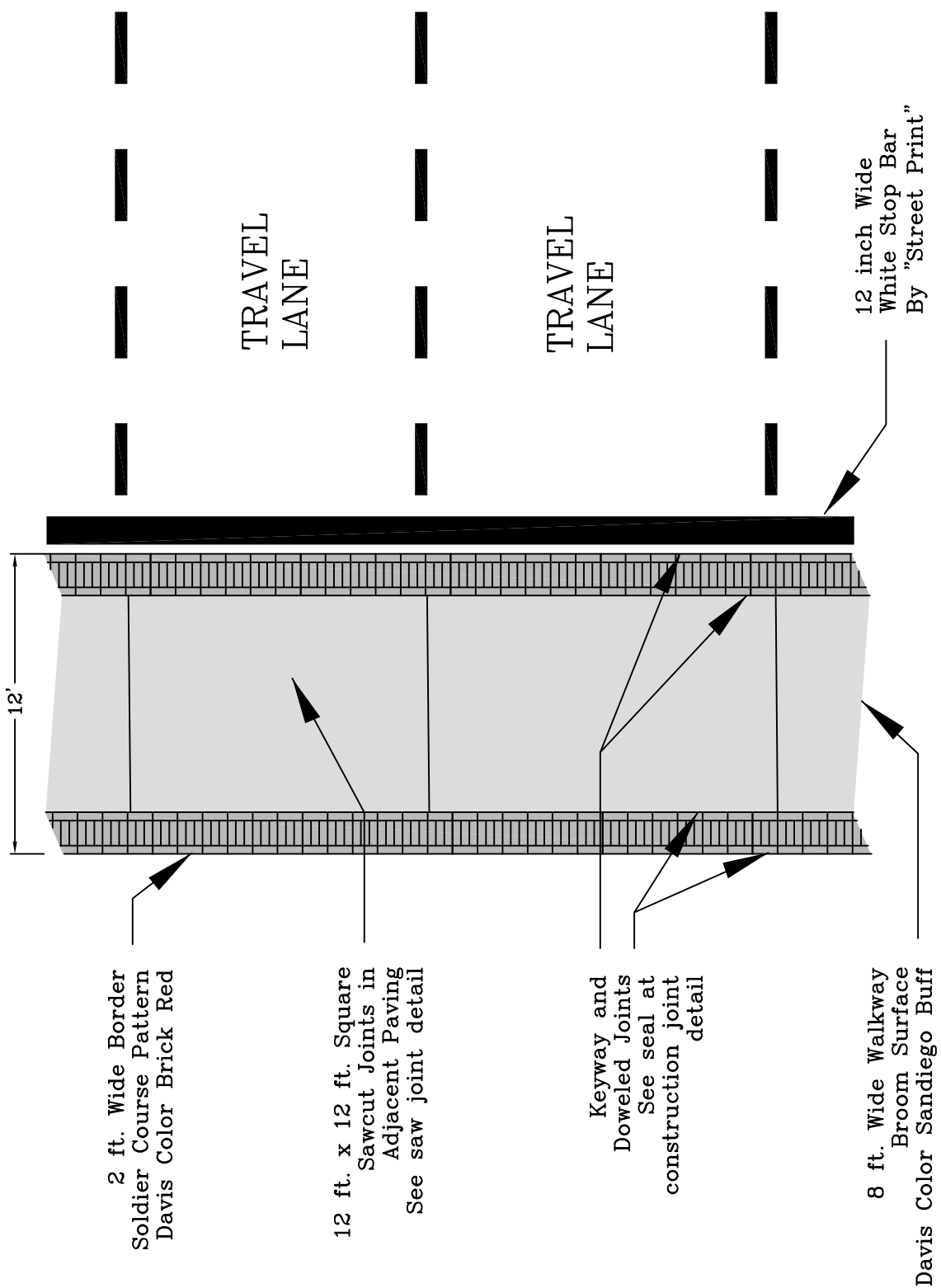
CONSTRUCTION  
DRAWINGS

REVISION NO:

DATE: 01/26/01

DRAWING

1609L



## DECORATIVE CONC. CROSSWALK (PATTERNED/COLORED CONC.)

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

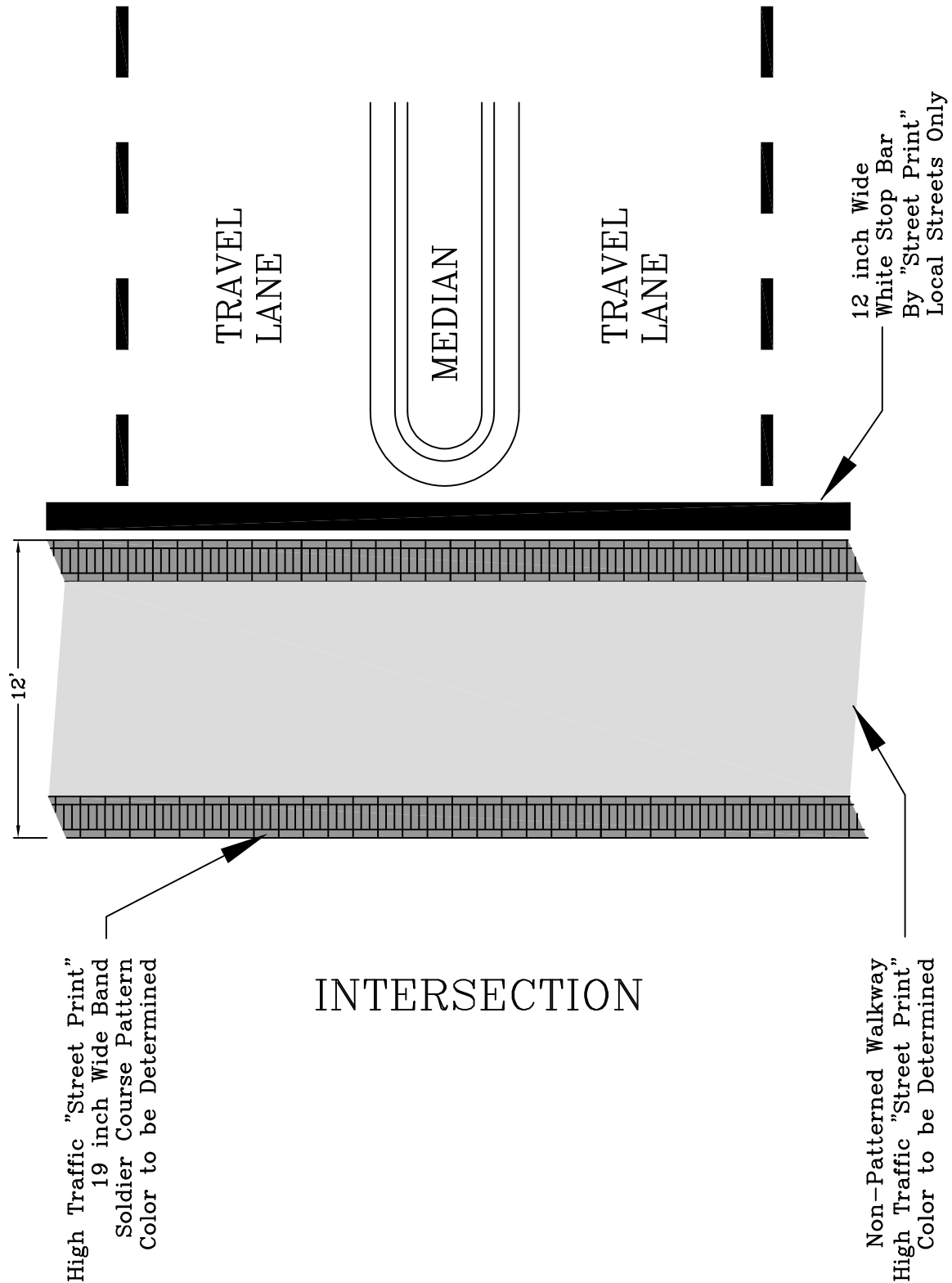
CONSTRUCTION  
DRAWINGS

REVISION NO:

DATE: 11/08/00

DRAWING

1610



## ENHANCED ASPH. CROSSWALK (PATTERNED/COLORED ASPH.)

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

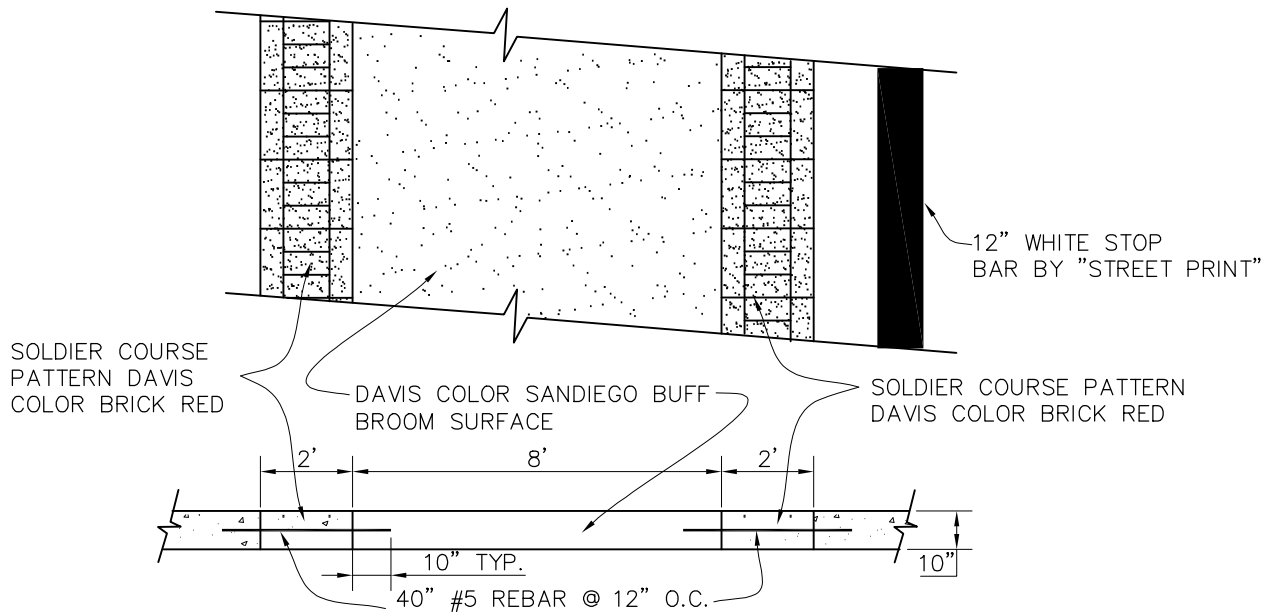
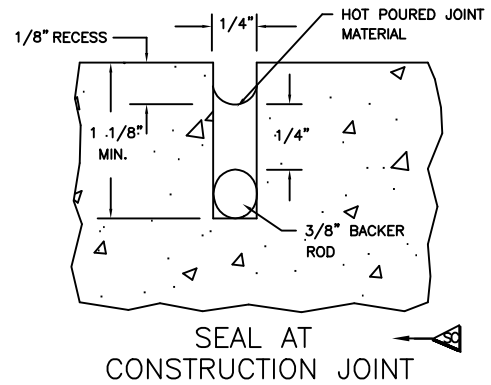
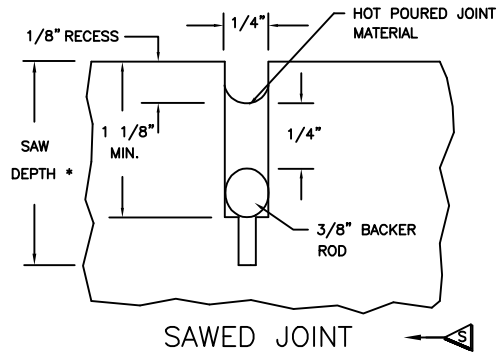
CONSTRUCTION  
DRAWINGS

REVISION NO:

DATE: 11/07/00

DRAWING

1611



## TYPICAL CROSSWALK DETAIL

N.T.S.

### ENHANCED CONCRETE CROSSWALK (CONSTRUCTION DETAIL)

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

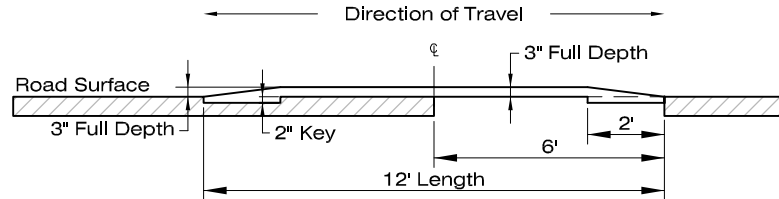
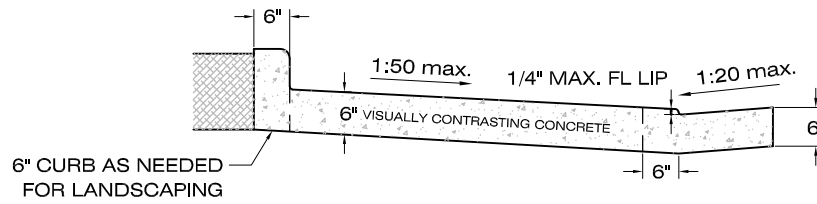
CONSTRUCTION  
DRAWINGS

REVISION NO:

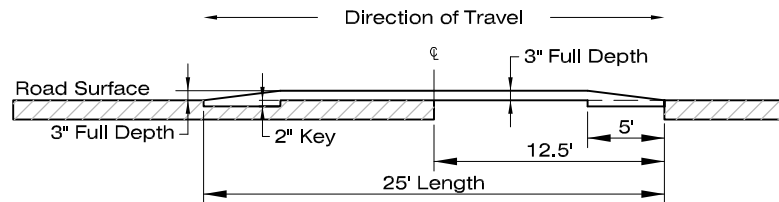
DATE: 11/08/00

DRAWING

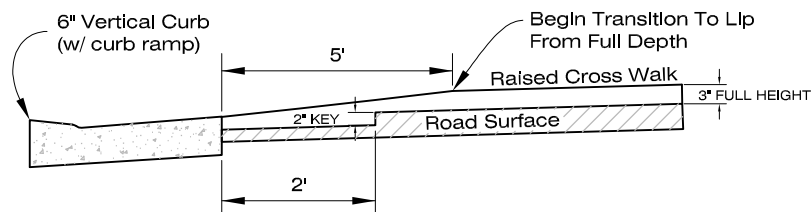
1612



**SPEED TABLE CROSS-SECTION**  
N.T.S.



**RAISED CROSS WALK CROSS-SECTION**  
N.T.S.



**EDGE TAPER CROSS-SECTION**  
N.T.S.

## RAISED CROSS WALK

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

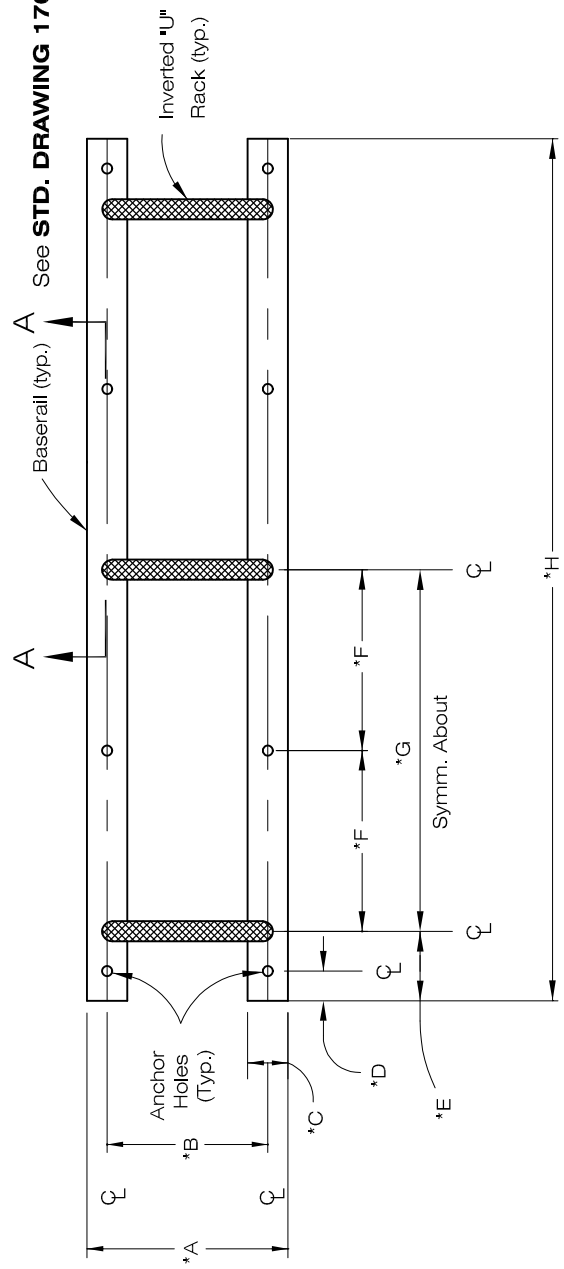
CONSTRUCTION  
DRAWINGS

REVISION NO:

DATE: 04/16/02

DRAWING

1613



PLAN VIEW  
BASE RAIL ARRAY

NOTES:  
 \* REFER TO SCHEDULE BELOW  
 \*\*3X INVERTED "U" ARRAY SHOWN

| RACK BASERAIL LENGTH SCHEDULE  |          |         |        |         |      |       |       |       |
|--------------------------------|----------|---------|--------|---------|------|-------|-------|-------|
| DESCRIPTION OF UNITS REQ'D     | BASERAIL |         |        |         |      |       |       |       |
|                                | A        | B       | C      | D       | E    | F     | G     | H     |
| 2X ARRAY INVERTED "U" RACKS    | (19.1")  | (16.1") | (3.0") | (1.50") | (4") | (15") | (30") | (38") |
| 3X ARRAY INVERTED "U" RACKS ** | (19.1")  | (16.1") | (3.0") | (1.50") | (4") | (15") | (30") | (38") |
| 4X ARRAY INVERTED "U" RACKS    | (19.1")  | (16.1") | (3.0") | (1.50") | (4") | (15") | (30") | (38") |
| 5X ARRAY INVERTED "U" RACKS    | (19.1")  | (16.1") | (3.0") | (1.50") | (4") | (15") | (30") | (38") |

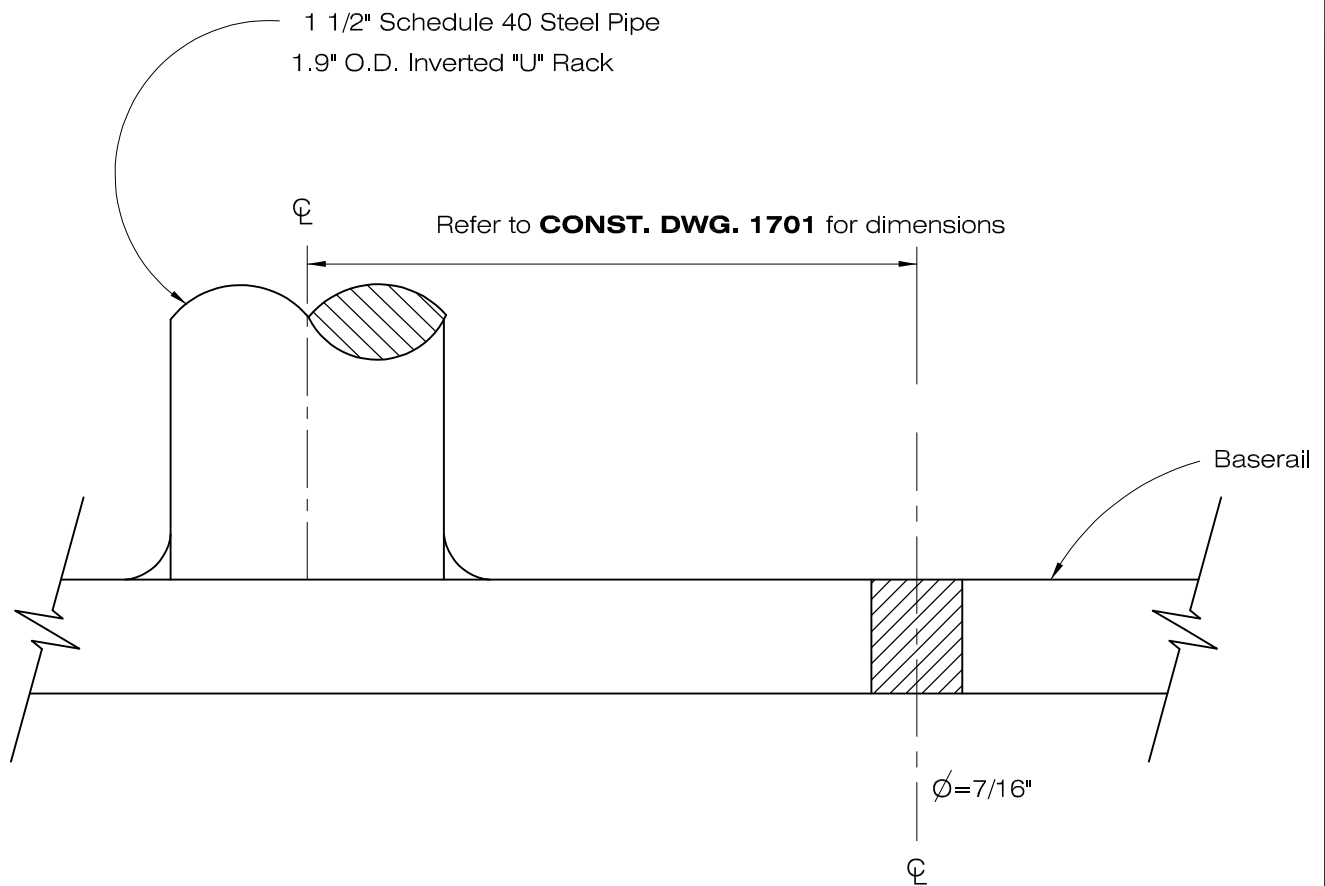
# BICYCLE RACK DETAILS

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

REVISION NO:  
DATE: 08/07/00

DRAWING  
1701



### SECTION A-A

Cross Section of Base Rail  
(From **CONST. DWG. 1701**)

## BICYCLE RACK DETAILS

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

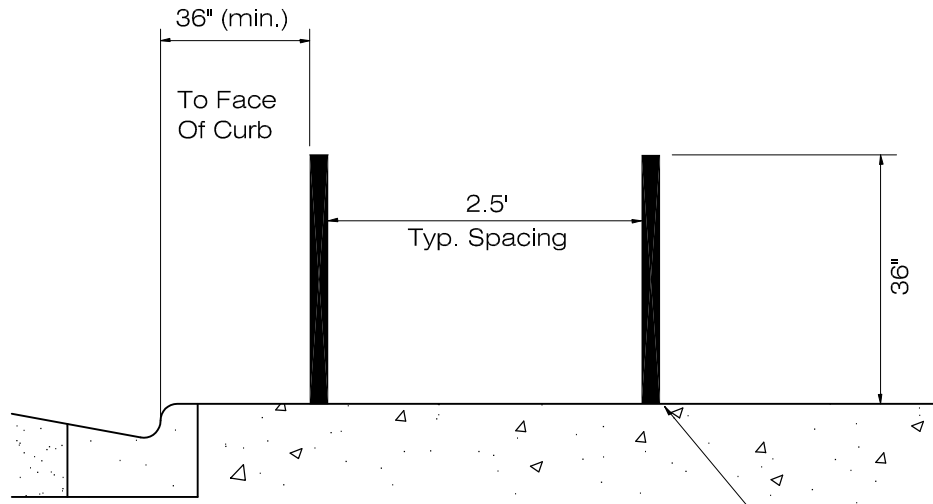
REVISION NO:

DATE: 08/07/00

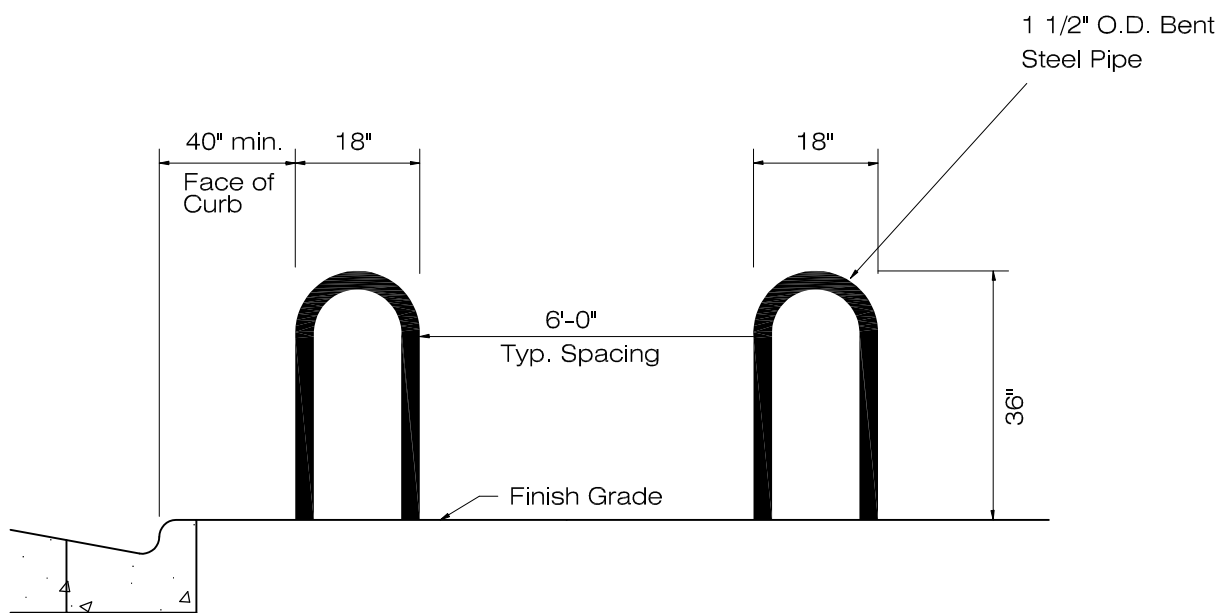
DRAWING

1702





### "INVERTED U" BICYCLE RACK



### SPACE REQUIREMENTS

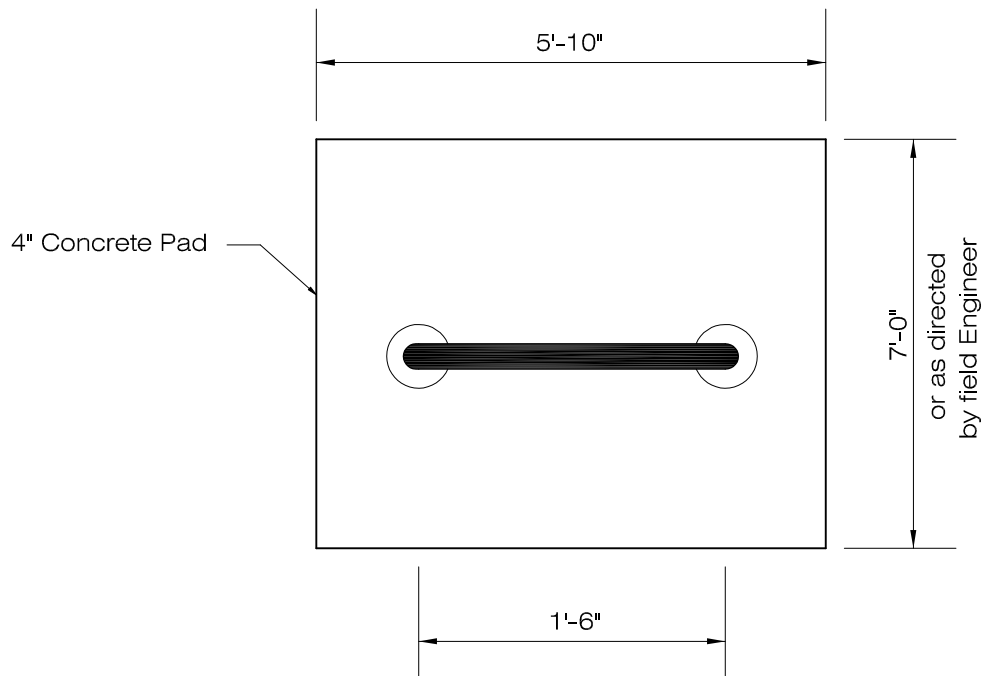
## BICYCLE RACK DETAILS

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

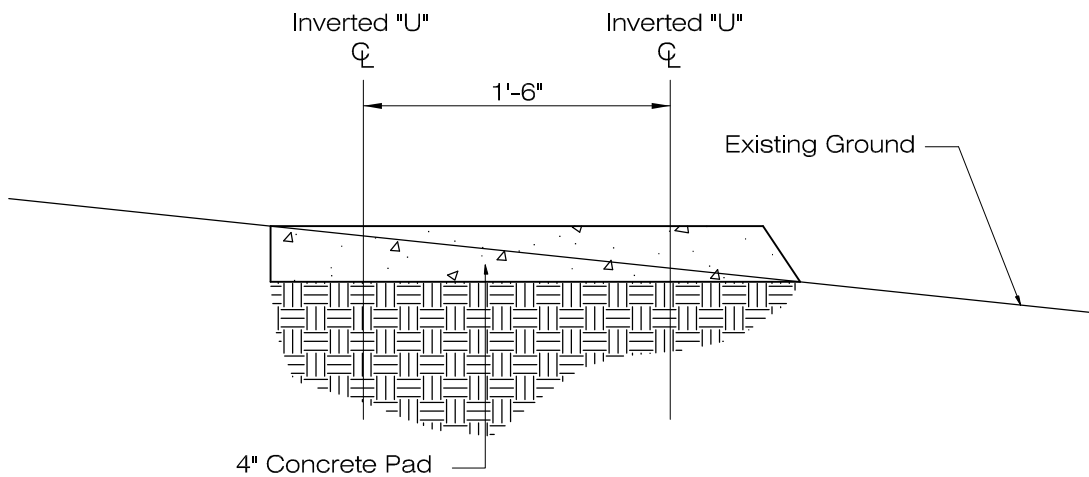
CONSTRUCTION  
DRAWINGS

REVISION NO: 1  
DATE: 03/01/02

DRAWING  
1703



PLAN-CONCRETE PAD



ELEVATION

## BICYCLE RACK FOUNDATION DETAILS

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

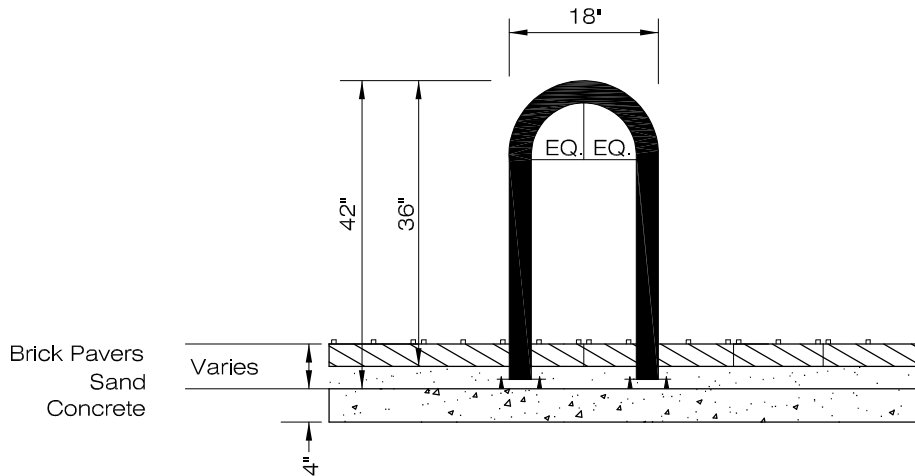
CONSTRUCTION  
DRAWINGS

REVISION NO:

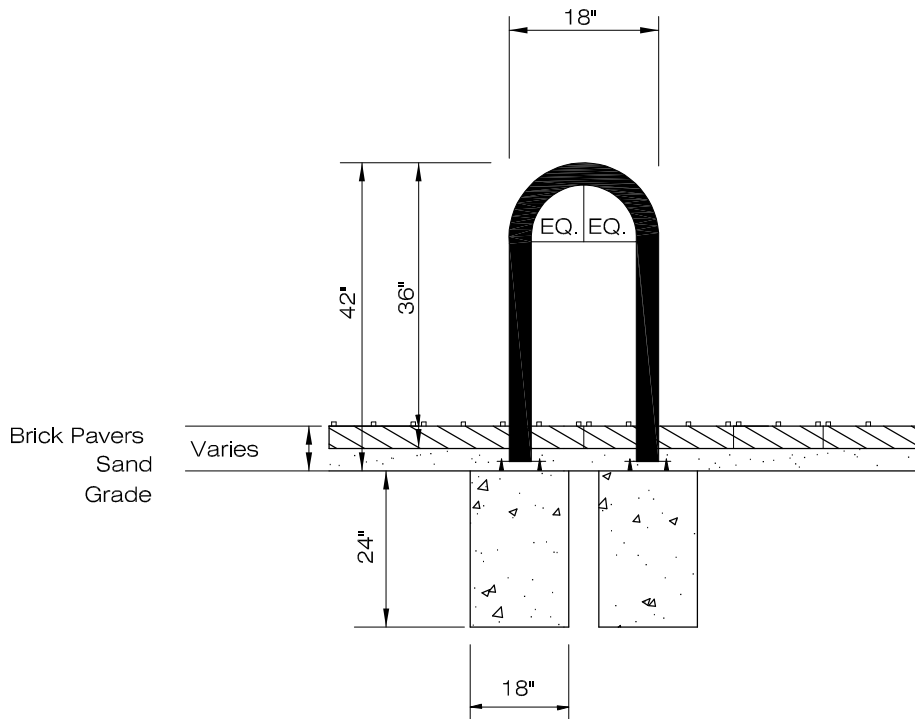
DATE: 08/07/00

DRAWING

1704



42" BICYCLE RACK IN EXISTING BRICK PAVERS  
SET IN SAND ON CONCRETE



42" BICYCLE RACK IN EXISTING BRICK PAVERS  
SET IN SAND ON GRADE

## BICYCLE RACK DETAILS

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

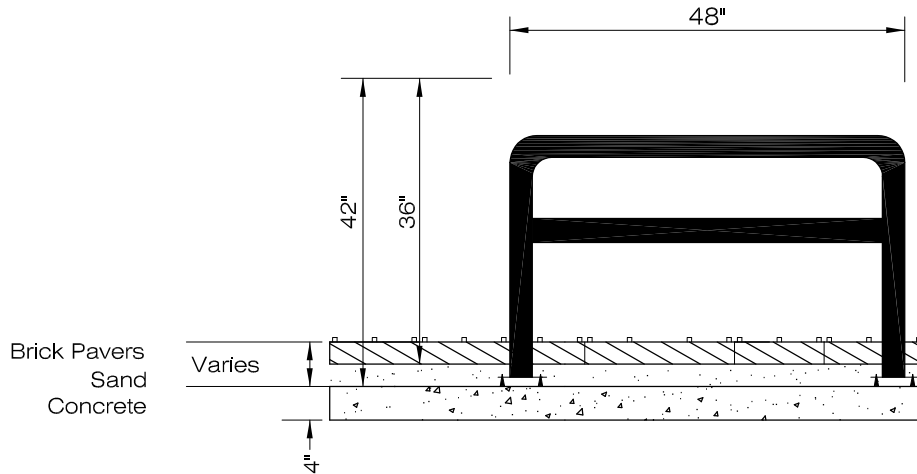
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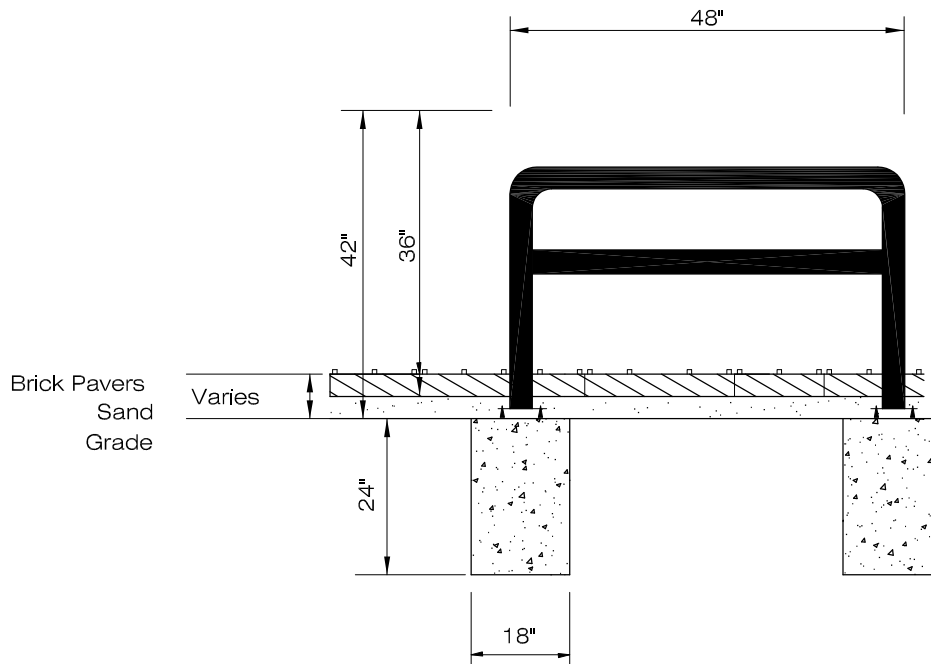
DRAWING

1705

# FORT COLLINS ONLY



42" BICYCLE RACK IN EXISTING BRICK PAVERS  
SET IN SAND ON CONCRETE



42" BICYCLE RACK IN EXISTING BRICK PAVERS  
SET IN SAND ON GRADE

## BICYCLE RACK DETAILS

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

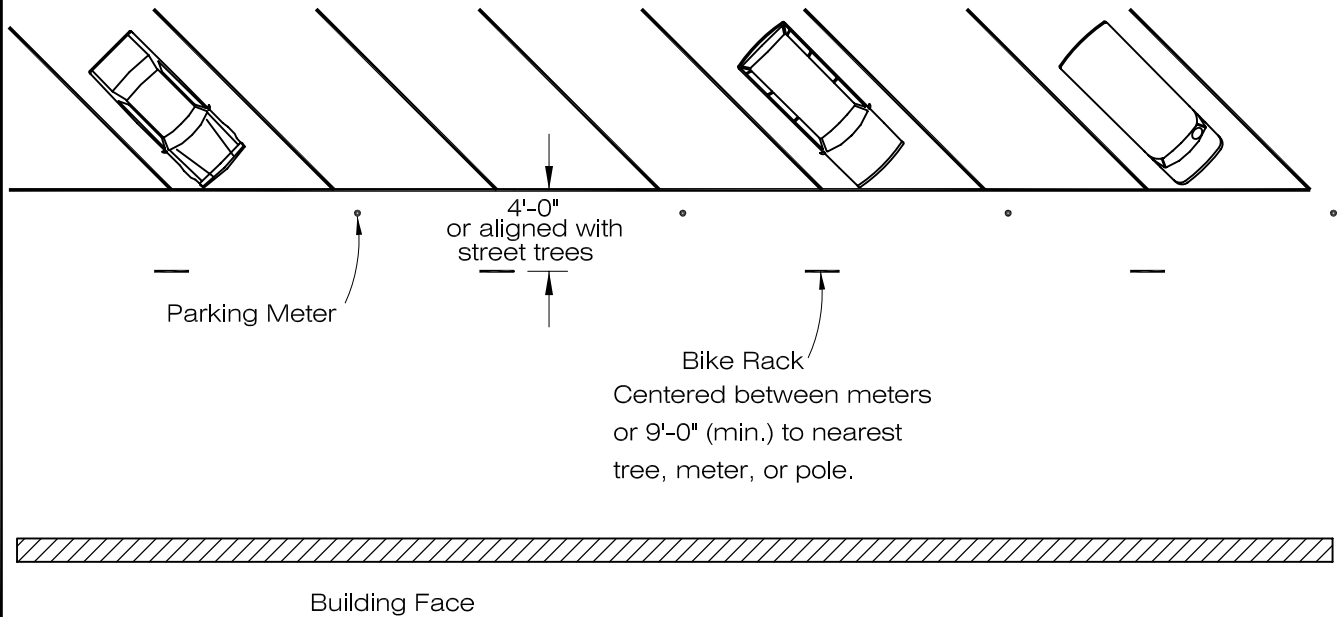
CONSTRUCTION  
DRAWINGS

REVISION NO:

DATE: 08/07/00

DRAWING

1706F



INVERTED U RACKS PLACEMENT  
ALONG CURBLINE  
WITH DIAGONAL PARKING

**BICYCLE RACK DETAILS**

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

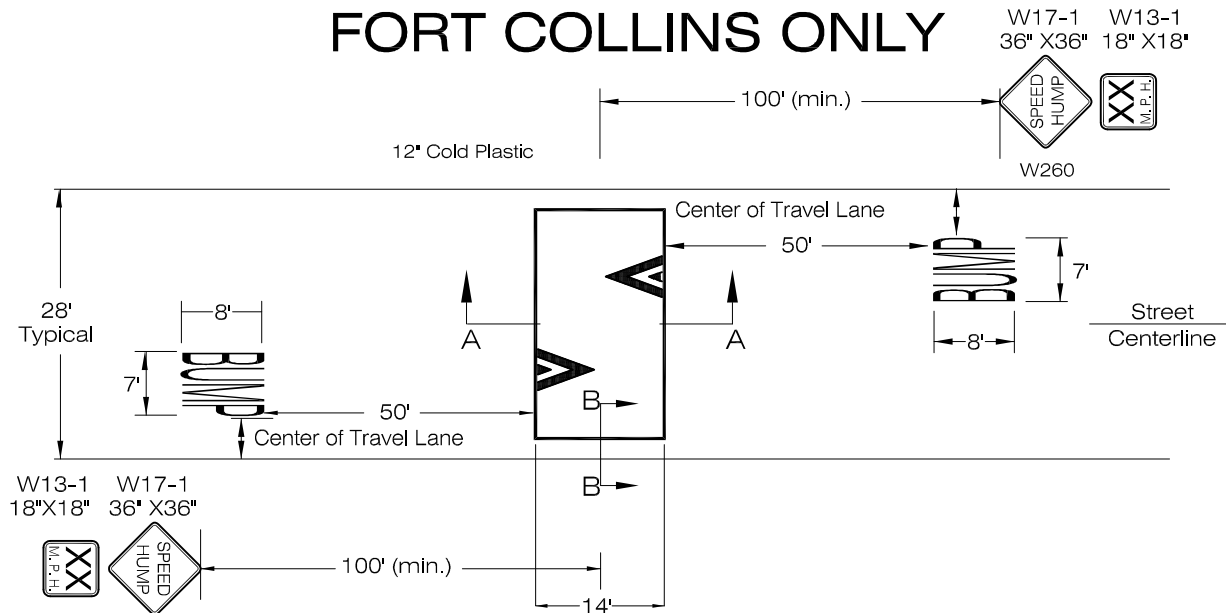
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DATE: 08/07/00

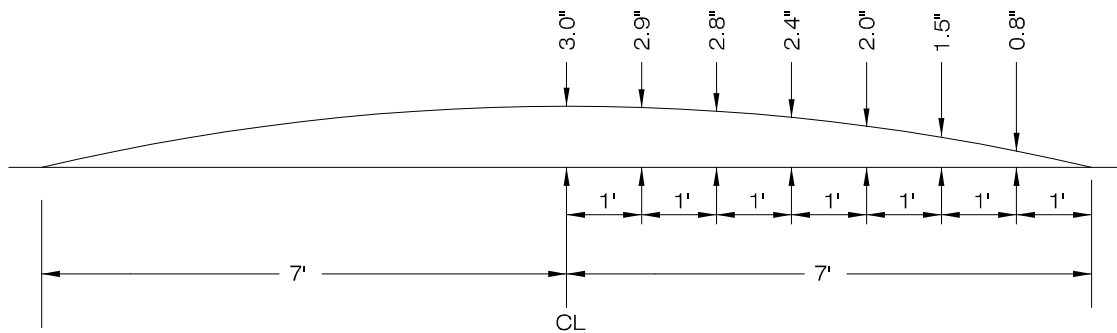
DRAWING

1707

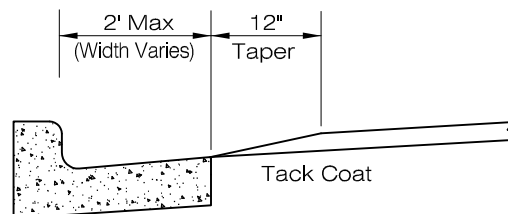
# FORT COLLINS ONLY



SPEED HUMP (Typ.)



SECTION A-A  
PARABOLIC CROWN



SECTION B-B  
Curb Detail

## 14' LOCAL SPEED HUMP

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

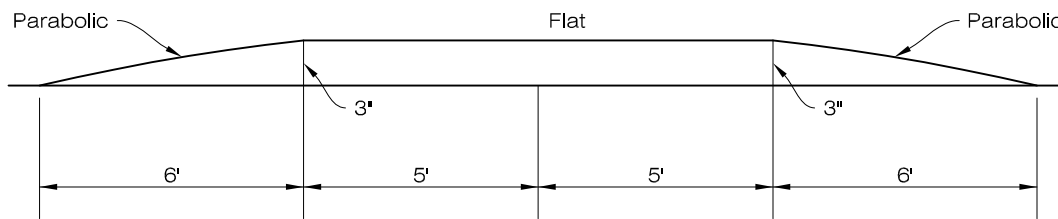
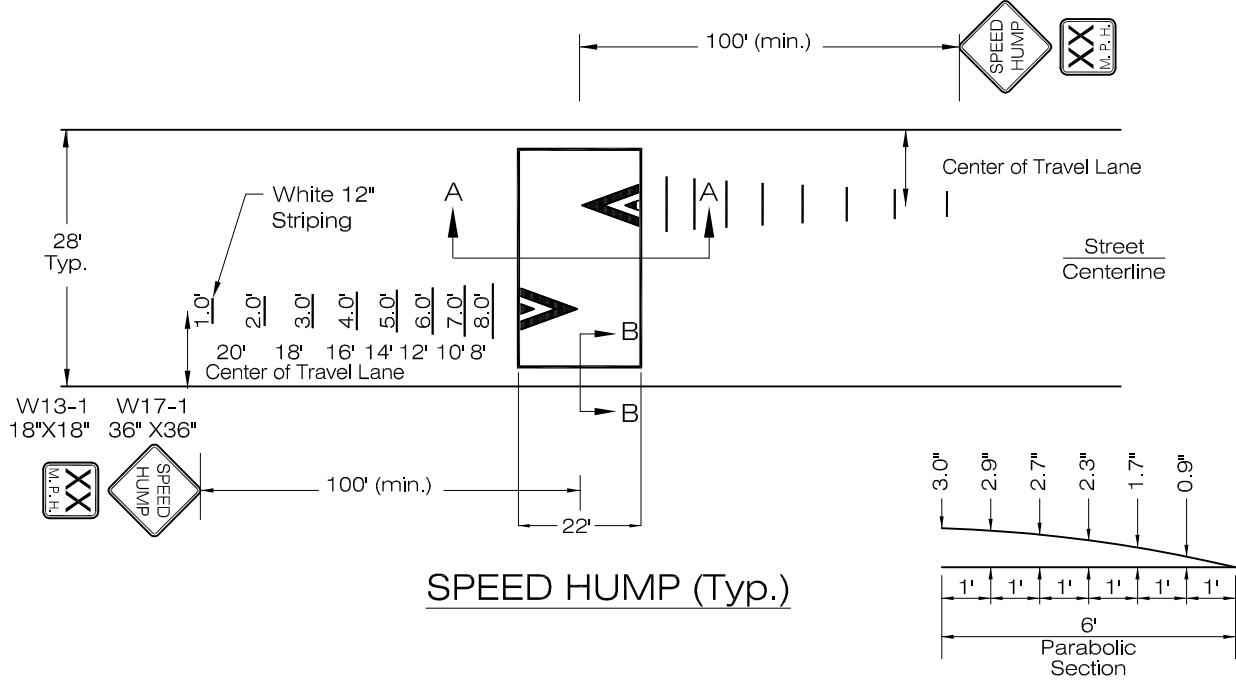
CONSTRUCTION  
DRAWINGS

REVISION NO: 1  
DATE: 03/01/02

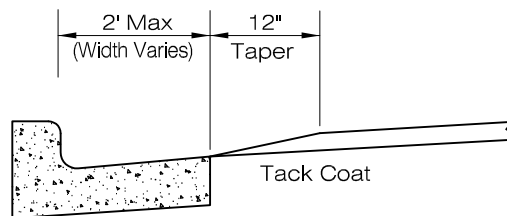
DRAWING  
1801F

# FORT COLLINS ONLY

W17-1 36" X36" W13-1 18" X18"



SECTION A-A



SECTION B-B

Curb Detail

## 22' SPEED HUMP

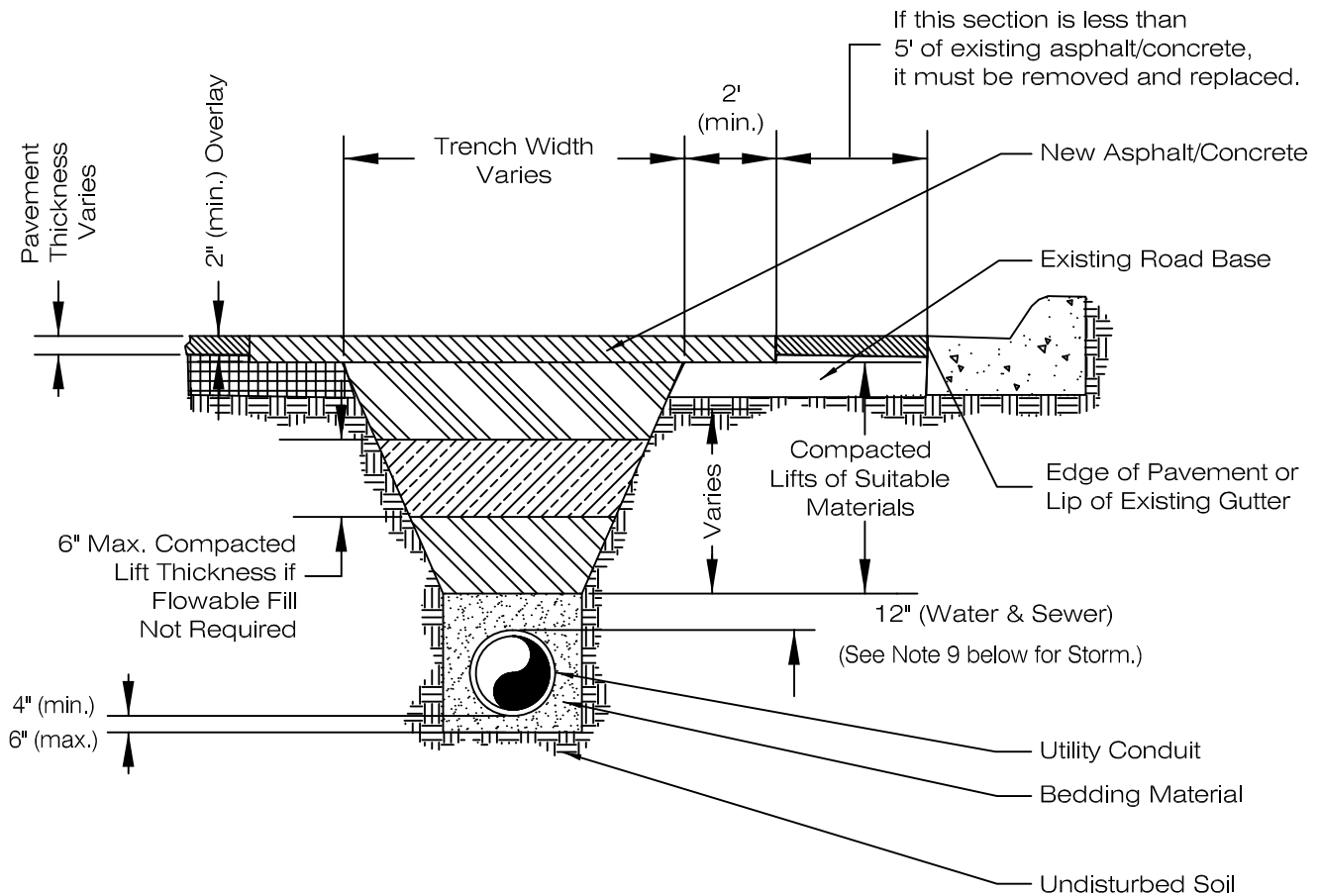
LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

REVISION NO: 1  
DATE: 03/01/02

DRAWING  
1802F

FULL DEPTH ASPHALT PATCH:  
THE THICKNESS OF THE ASPHALT PATCH SHALL BE ONE-INCH THICKER THAN THE EXISTING ASPHALT THICKNESS WITH A MINIMUM ASPHALT THICKNESS PER TABLE 25-1 OF CHAPTER 25.



NOTES:

1. All trenches shall be backfilled in accordance with the above detail unless otherwise specified by the Local Entity Engineer.
2. Prior to placement of asphalt/concrete, pavement edge shall be saw cut to a clean, vertical, and straight edge & outside of the wheel path.
3. Where the surrounding soils are non-expansive, a flowable fill may be substituted for backfill material.
4. Trench width shall not be more than 16" nor less than 12" wider than the outside diameter of the pipe.
5. Use a 18" long #4 epoxy rebar at 18" on centers along the perimeter of concrete panel replacement sections.
6. Refer to **Chapter 22, Materials & Construction Specifications** for compaction and testing requirements.
7. In unimproved areas, all disturbed areas shall be regraded, seeded & mulched.
8. In concrete roadways, a minimum of one entire concrete panel must be replaced.
9. Bedding material depth when installing storm sewer shall be up to spring line, except in areas of unsuitable backfill; then, bedding material shall be placed to a level 12" above pipe.

TRENCH DETAIL

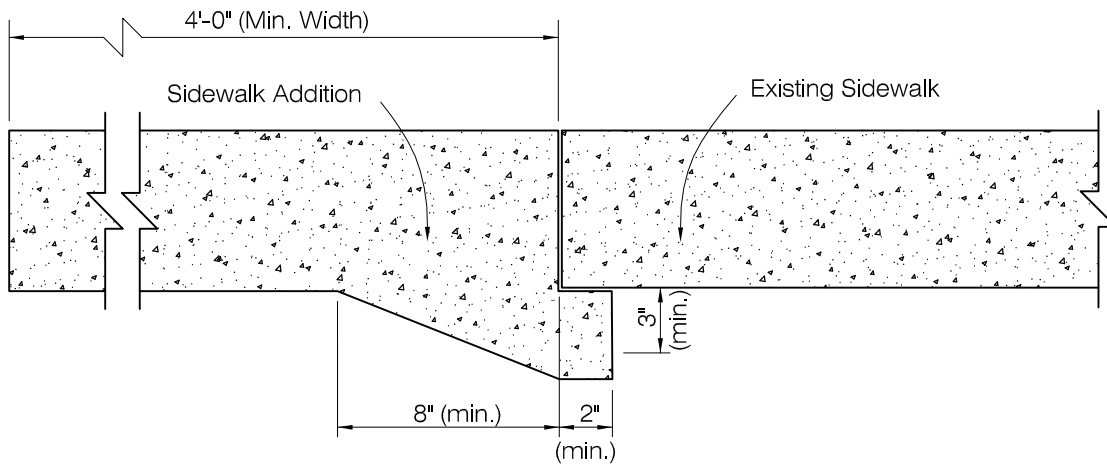
LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

REVISION NO: 1  
DATE: 04/01/07

DRAWING  
2201

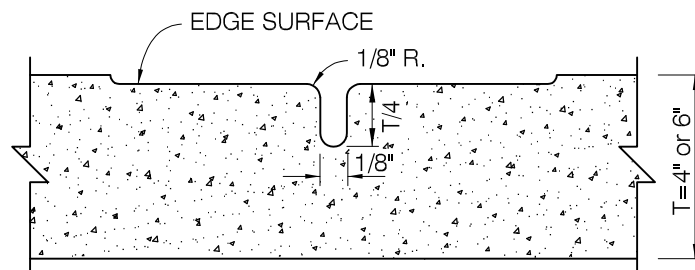




### ADDITION TO EXISTING SIDEWALK

NOTES:

1. New walk additions shall be placed to the same line and grade as the existing walk.
2. Match transverse tooled joints to existing tooled joints.



### TOOL JOINT FOR WALKS

NOTES:

1. Joint shall be cut 1/4 thickness of initial concrete; tool joint for walks.

## SIDEWALK WIDENING DETAILS

LARIMER COUNTY  
URBAN AREA  
STREET STANDARDS

CONSTRUCTION  
DRAWINGS

REVISION NO:  
DATE: 08/07/00

DRAWING  
2501