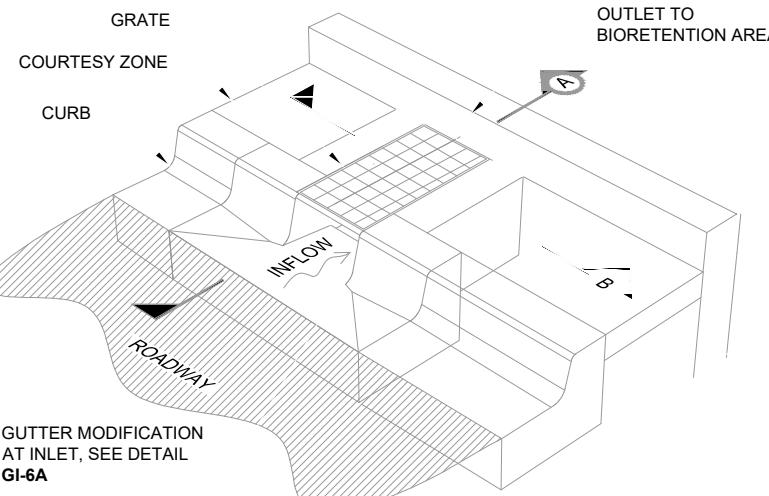
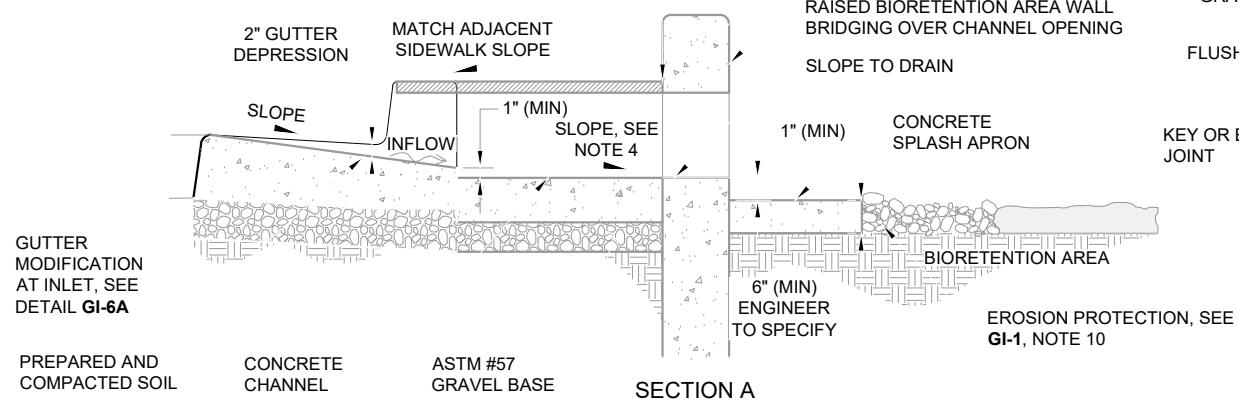


NOTES:

1. REFER TO GI-1 NOTES FOR GUIDELINES AND CHECKLIST.
2. ALL MATERIAL AND WORKMANSHIP FOR TRENCH DRAIN ASSEMBLY SHALL CONFORM TO LOCAL JURISDICTION STANDARDS.
3. TRENCH DRAIN INLETS SHALL BE ADEQUATELY SIZED, SPACED, AND SLOPED TO MEET HYDRAULIC REQUIREMENTS. SEE NOTE 2 DETAIL GI-6A FOR REFERENCE.
4. SLOPE TO PROVIDE AT LEAST 1" DROP OVER LENGTH OF CHANNEL OR A MINIMUM OF 2%, WHICHEVER IS LARGER.
5. ALL TRENCH GRATES SHALL BE REMOVABLE, RATED PER THE ANTICIPATED LOADING, AND BOLTED IN PLACE OR OUTFITTET WITH APPROVED TAMPER-RESISTANT LOCKING MECHANISM, FLUSH OR RECESSED IN GRATE.
6. BOND NEW CURB AND GUTTER TO EXISTING CURB AND GUTTER WITH EPOXY AND DOWEL CONNECTION.
7. HORIZONTAL CONTROL JOINTS SHALL BE PROVIDED EVERY 10' (LINEAR), OR PER MANUFACTURER'S RECOMMENDATIONS.
8. APPLY EPOXY BONDING AGENT AT ALL TRENCH DRAIN CONSTRUCTION COLD JOINTS.
9. INLET CURB CUT AND CONCRETE CHANNEL WIDTH SHALL BE SIZED TO ACCOUNT FOR CATCHMENT AREA AND GUTTER SLOPE.



ISOMETRIC



EXTEND TRENCH GRATE TO FACE OF RAISED BIOPRETENTION AREA WALL

#5 REBAR (MIN)

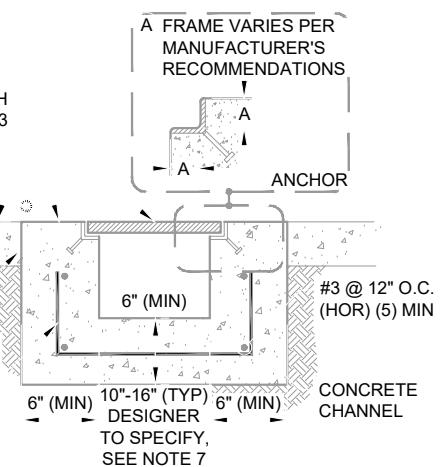
RAISED BIOPRETENTION AREA WALL  
BRIDGING OVER CHANNEL OPENING  
SLOPE TO DRAIN

18" (MIN) WIDTH  
CAST IRON TRENCH  
GRATE, SEE NOTE 3

FLUSH EDGES (TYP)

KEY OR EXPANSION  
JOINT

#3 @ 12" O.C.  
MIN (3) #3



NOT FOR CONSTRUCTION



BIORETENTION COMPONENTS: TRENCH DRAIN CURB CUT INLET DETAIL

GREEN INFRASTRUCTURE  
EXAMPLE DETAILS  
ALAMEDA COUNTYWIDE CLEAN  
WATER PROGRAM

SCALE: NOT TO SCALE

DATE: MAY 11, 2018 REVISED: JUNE 11, 2019

DRAWN BY: K. K. REVISED BY: E.F.

CHECKED BY: A. R.

CONCRETE  
SPLASH APRON,  
NOT INTEGRAL  
TO CURB

GRATE

ROADWAY  
WITH PARKING

GI-6B