

**GENERAL NOTES:**

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "GREENBOOK", the latest edition adopted by the City and the latest edition of Special Provisions.
2. Concrete shall be 520-C-2500P in accordance with 2009 Green Book Table 201-1.2 (A) one inch maximum aggregate. Aggregate base (AB) shall be Crushed AB (CAB) or Crushed Miscellaneous Base (CMB).
3. Exposed surfaces of sidewalk, driveway, curb and gutter shall be steel trowled followed by a medium broom finish.
4. All exposed edges, including at expansion joints and weakened-plane joints, shall be tooled to 1/2" radius. For decorative finish.
5. All concrete shall be cured by keeping continuously moist for three days after pouring either by sprinkling, covering with a waterproof membrane, or applying TYPE I concrete curing compound.
6. Extruded curb or gutter requires **PRIOR** approval by the City Engineer. Extruded sidewalks or driveways are prohibited.
7. For existing AC overlaid gutter, flow line of new concrete gutter shall match existing AC gutter flow line.
8. All concrete improvements to be removed shall be saw cut along existing scorelines to full depth of concrete improvement. No section to be replaced shall be smaller than 30" in either length or width. If the saw cut in sidewalk or driveway would fall within 30" of a construction joint, expansion joint, cold joint, or edge, the concrete shall be removed to the joint or edge, including AB. All saw cut residue shall be vacuumed concurrently with sawing operation.
9. New imported full depth AB shall be placed under all new or replacement curb, gutter, sidewalk and driveway.
10. The typical City standard curb height is 6" and the typical City gutter width is 2'. Existing curb heights and gutter widths may vary. Use Type B Curb and Gutter to match thickness of valley gutter.
11. Any acts of vandalism or deformation to finish of the concrete shall be repaired within the first 24 hrs. after placement. Repairs made after 24 hrs. of placement shall consist of complete removal and replacement of the affected area.

CITY OF OAKLAND

DEPARTMENT OF ENGINEERING AND CONSTRUCTION



**GENERAL CONCRETE  
NOTES**

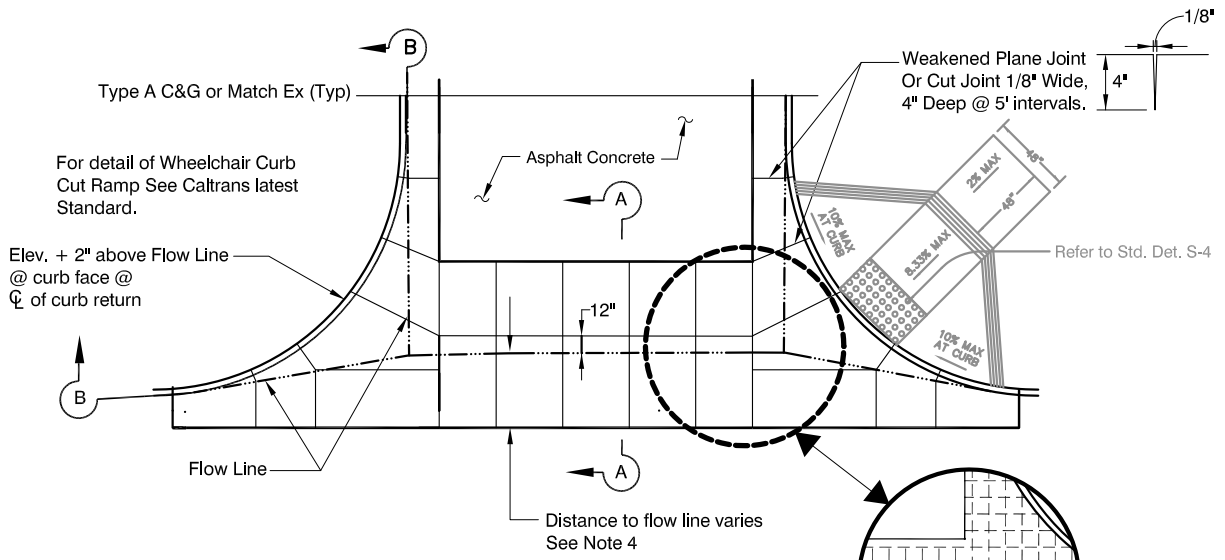
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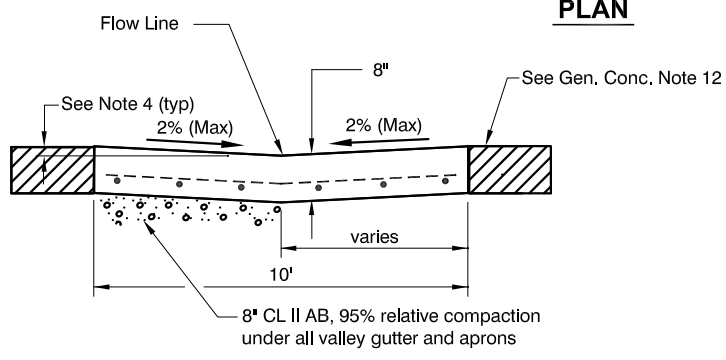
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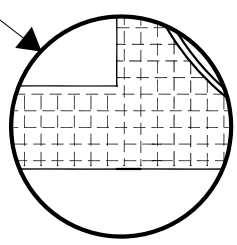
**D-37-4**



**PLAN**

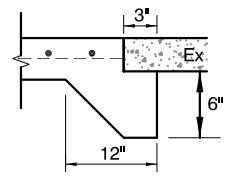


**SECTION A-A**



**REBAR DETAIL**

# 4 REBAR @ 12" O.C. (TYP) BOTH WAYS

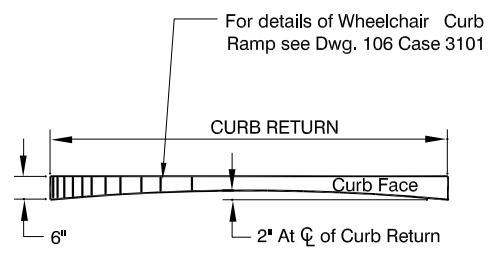


**THICKENED EDGE AT TIE-IN**

NTS

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2. General Concrete Notes Dwg. 104 Case 3101 shall apply.
3. Concrete valley gutter apron shall be constructed monolithically with curb and gutter.
4. Variable where controlled by existing elevations.
5. Plan designates pay limits of valley gutter when applicable.
6. Water test flow line in presence of the City Engineer.
7. Construction Joint is allowed at CL if necessary for Traffic Control.



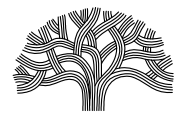
**VIEW B-B**

ELEVATION AT CURB RETURN FACE

----- Flow Line

CITY OF OAKLAND

DEPARTMENT OF ENGINEERING AND CONSTRUCTION

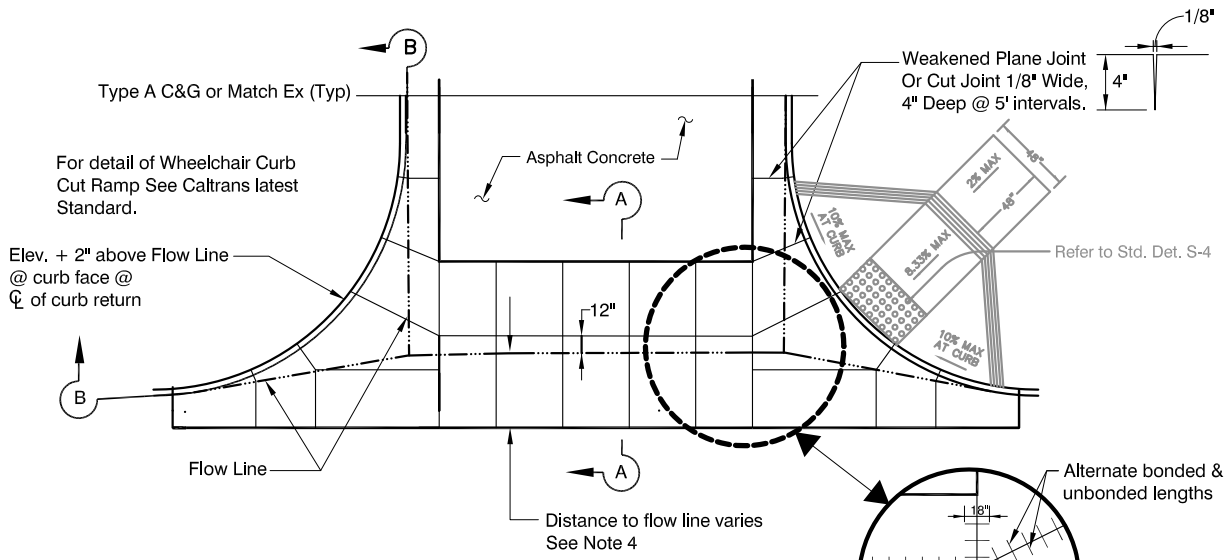


**VALLEY GUTTER**  
(REINFORCED CONCRETE PAVEMENT)

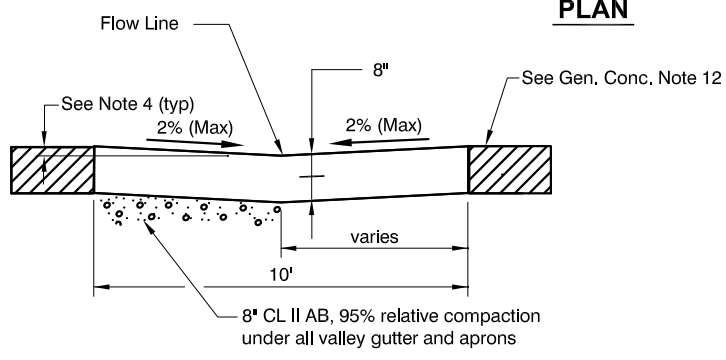
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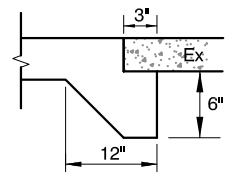
**PLAN**



**SECTION A-A**

**DOWEL DETAIL**

1.25"  $\phi$  dowel @ 12" O.C. (Typ)

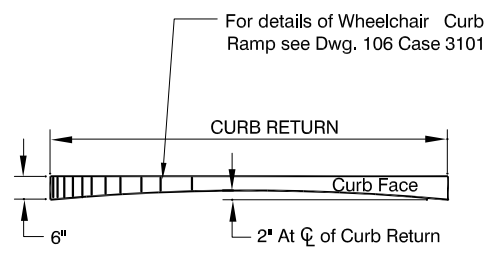


**THICKENED EDGE AT TIE-IN**

NTS

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**VIEW B-B**

ELEVATION AT CURB RETURN FACE

----- Flow Line

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DEPARTMENT OF ENGINEERING AND CONSTRUCTION

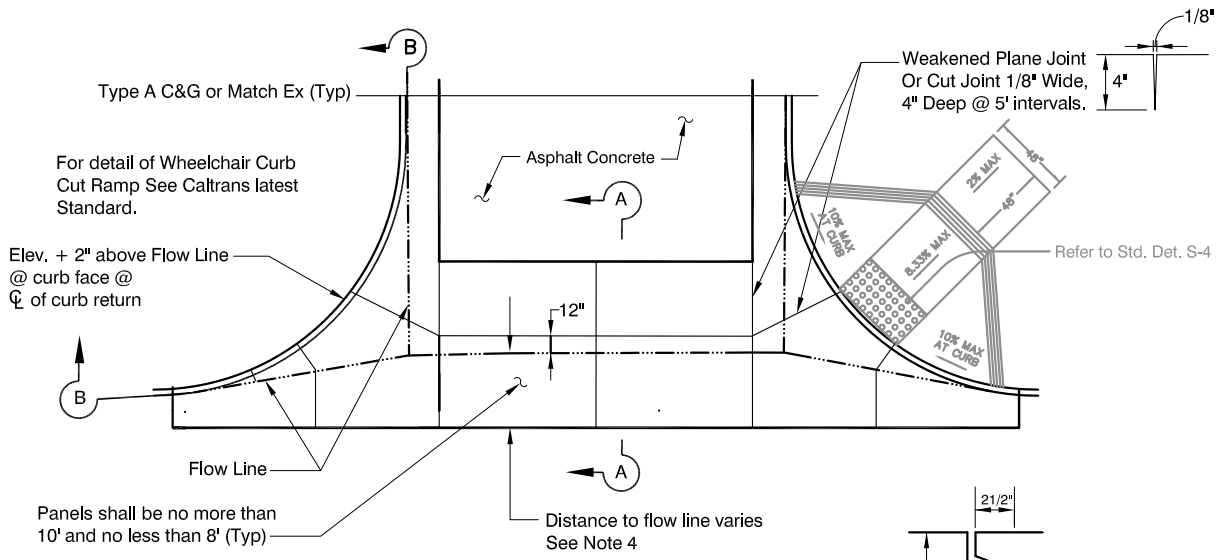


**VALLEY GUTTER**  
(NONREINFORCED CONCRETE PAVEMENT)

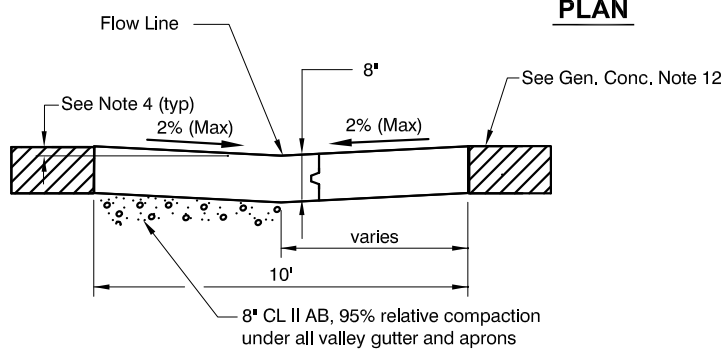
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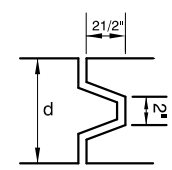
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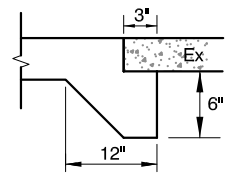
**PLAN**



**SECTION A-A**



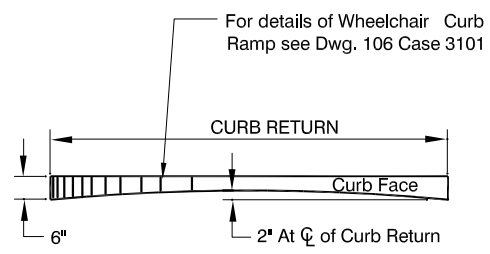
**KEY CUT**  
NTS



**THICKENED EDGE AT TIE-IN**  
NTS

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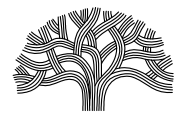


**VIEW B-B**  
ELEVATION AT CURB RETURN FACE

----- Flow Line

CITY OF OAKLAND

DEPARTMENT OF ENGINEERING AND CONSTRUCTION



**VALLEY GUTTER**  
(NONREINFORCED CONCRETE PAVEMENT)  
(KEY JOINT OPTION)

ENGINEERING DESIGN MANAGER

DATE: DEC 2011  
REV. DATE:

DWG. D-37-3