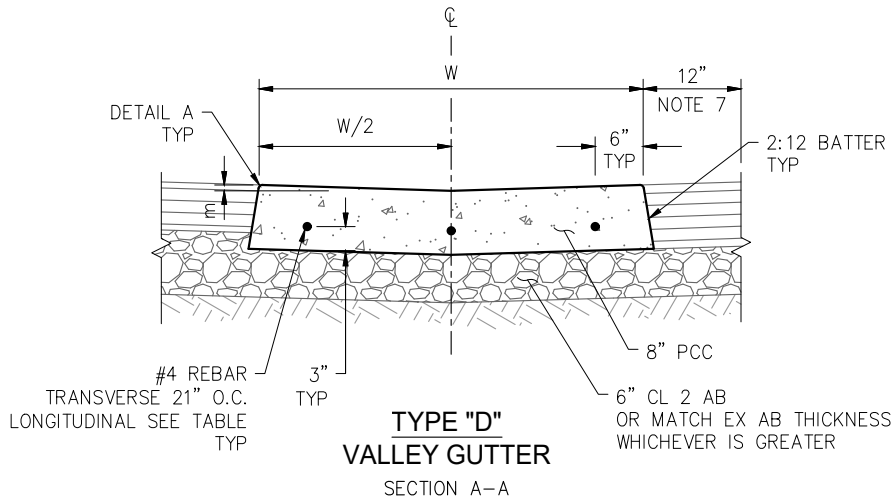
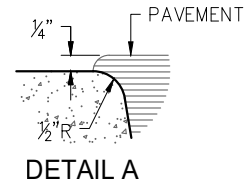


PLAN



**TYPE "D"
VALLEY GUTTER
SECTION A-A**



DETAIL A

NOTES:

1. VALLEY GUTTERS REQUIRE APPROVAL BY THE CITY ENGINEER.
2. VALLEY GUTTERS SHALL NOT BE INSTALLED WHERE LONGITUDINAL SLOPE EXCEEDS 6%.
3. CROSS SLOPE SHALL NOT EXCEED 4%.
4. EXPANSION JOINTS SHALL BE PLACED AS SHOWN AND AT 50' MAX INTERVALS WITH 1/2"x12" SLIP DOWELS.
5. CONTROL JOINTS SHALL BE PLACED CENTER BETWEEN EXPANSION JOINTS OR AT MAXIMUM 10' INTERVALS.
6. PROVIDE #4 REBAR 21" O.C. E.W. IN APRON. GUTTER REBAR SHALL EXTEND ACROSS THE APRON.
7. WHERE INSTALLING NEW VALLEY GUTTER IN EXISTING STREETS, A 12" WIDE SECTION OF DEEP LIFT ASPHALT SHALL BE PROVIDED.
8. GUTTER FLOW ARROWS SHOWN ON THE PLAN ARE FOR EXAMPLE ONLY. DESIGN FLOWLINE SHALL FLOW TOWARD A CITY STORM DRAIN FACILITY AND SHALL NOT HAVE PONDING WITHIN THE GUTTER.

VALLEY GUTTER SPECS			
CONCRETE		LONGITUDINAL REBAR	
W	m	#4 REBAR	EQUAL SPACING
(FT)	(IN)	COUNT	(IN)
4	3/4	3	21
6	1	3	33
8	1 1/2	4	30