

City Disc - 135TH St. W. & Maple,
30' N. & 15' E. @ Both.
Elev. = 150.20 City Datum

P.V.I.
Elev. = 177.80
110' V.C.

P.V.I.
Elev. = 178.30
No V.C.

SCALE: 1" = 20'
• = Iron

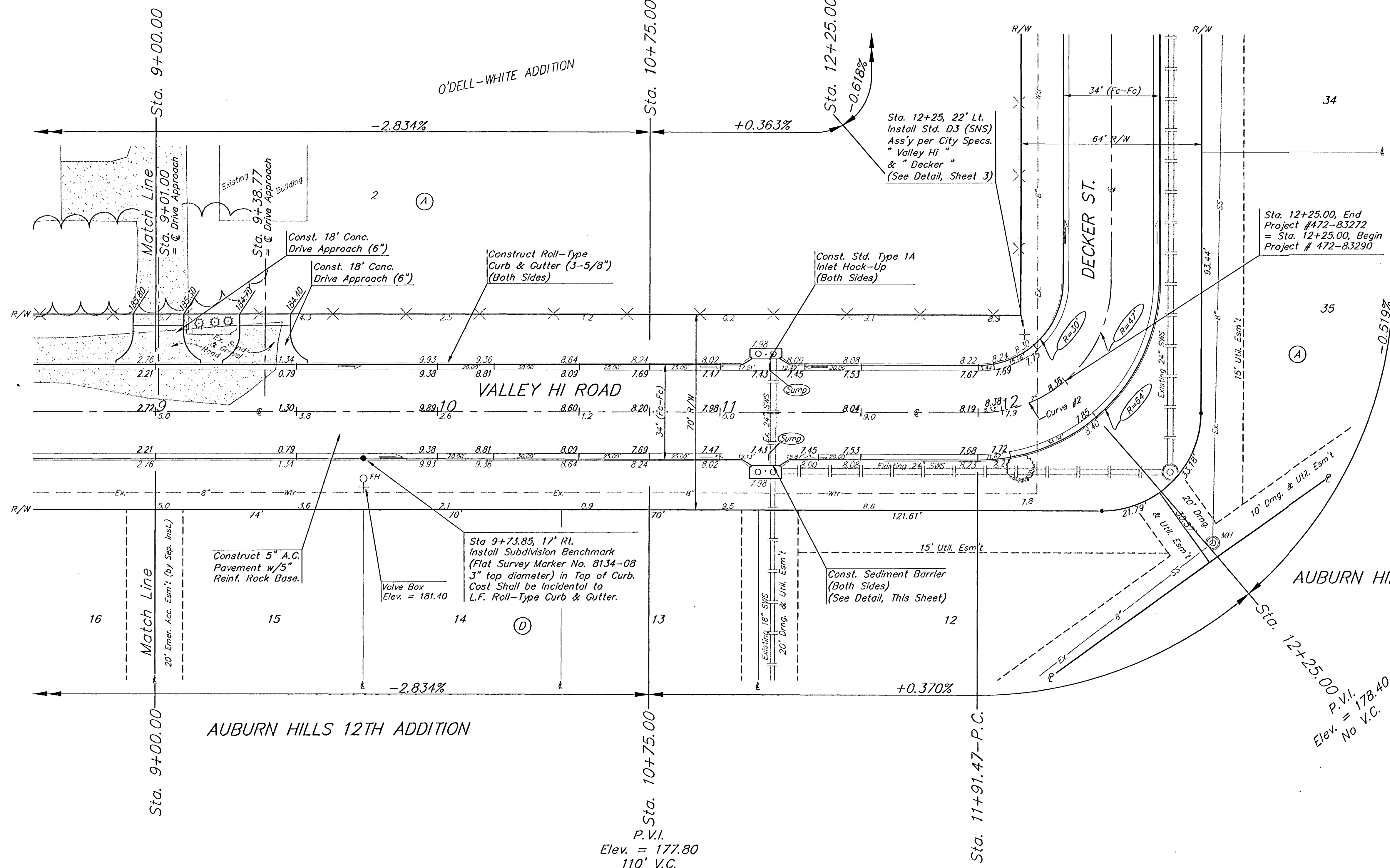


Diagram illustrating the proposed inlet installation. The diagram shows a cross-section of a trench with a 2"x4" board on top. A 6" perforated PVC pipe, filled with 1/2"-1" Dia. gravel, is placed in the trench. The pipe is wrapped with filter fabric around its exterior and tied both ends. The pipe is positioned such that the overflow gap varies with the diameter of the dam and inlet type. A manhole is shown on the right side of the trench. The diagram is labeled with the following text:

- Overflow gap varies with diameter of dam and inlet type.
- Proposed Inlet
- Manhole
- Wrap filter fabric around pipe and tie both ends.
- Place 6" perforated PVC pipe filled w/ 1/2"-1" Dia. gravel. Place pipe in front of 2"x4" board.
- Install 2"x4" Treated Wood Board in Front of Inlet (8' Length-Single Type 1A Inlet) or (13' Length-Double Type 1A Inlet)

INLET PROTECTION

Perforated Pipe w/ Gravel

AUBURN HILLS 13TH ADDITION

Curve #2					
Curve Data Based on Centerline					
Rad. = 47', Delta = 89° 59' 30", Tangent = 46.99'					
Arc = 73.82', L.C. = 66.64', Def/Fl = 36.57207 Min.					
FACE CHORD LENGTHS					
Station	Arc	B' L.	B' Rl.	Defl.	T. Defl.
11+91.47	-	-	-	0°00'00"	0°00'00"
12+00.00	8.53'	3.99'	13.05'	5°11'58"	5°11'58"
12+25.00	25.00'	11.56'	37.85'	15°14'13"	20°26'17"
12+50.00	25.00'	11.56'	37.85'	15°14'13"	35°40'34"
12+75.00	25.00'	11.56'	21.32'	9°19'11"	44°59'45"

AUBURN HILLS 12TH & O'DELL-WHITE ADD.
VALLEY HI ROAD
STA. 9+00.00 TO STA. 12+25.00

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING

316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					SHEET 7 OF 10
PROJECT NUMBER 472-83272					
DESIGN <i>DMV</i>	DRAWN <i>JAK</i>	APPROVED	DATE <i>3-14-01</i>	SCALE <i>NOTED</i>	

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