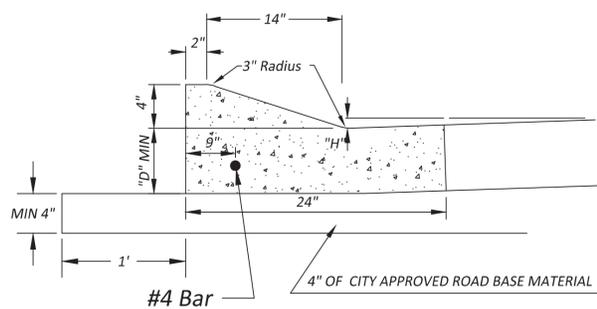
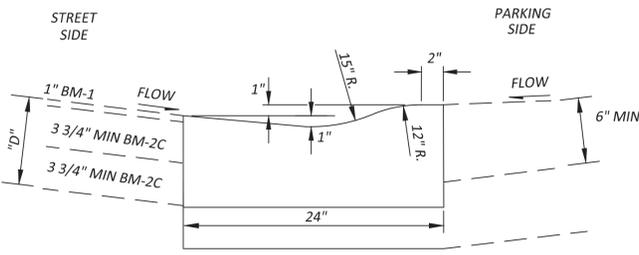


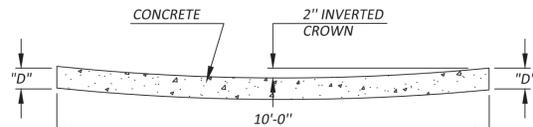
**TYPE I - 6" BARRIER CURB**  
(NOT TO SCALE)



**TYPE II - 4" MOUNTABLE CURB**  
(NOT TO SCALE)

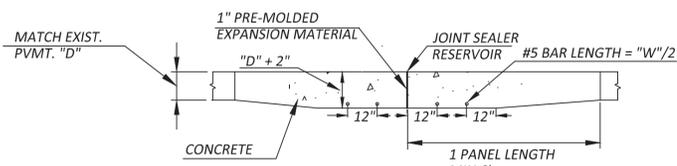


**TYPE III - VALLEY GUTTER**  
(NOT TO SCALE)

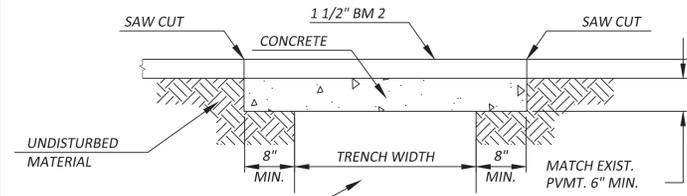


**TYPE IV - VALLEY GUTTER SECTION**  
(NOT TO SCALE)

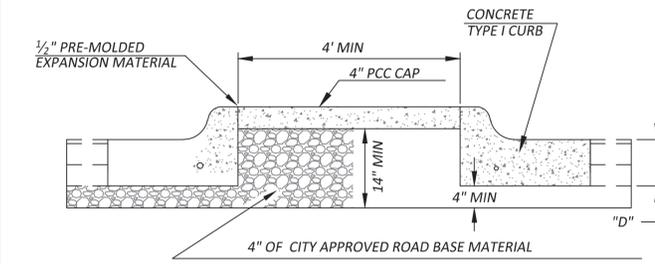
NOTE:  
TYPE IV VALLEY GUTTER SHALL NOT BE USED IF LONGITUDINAL SLOPE DOES NOT EXCEED 1%



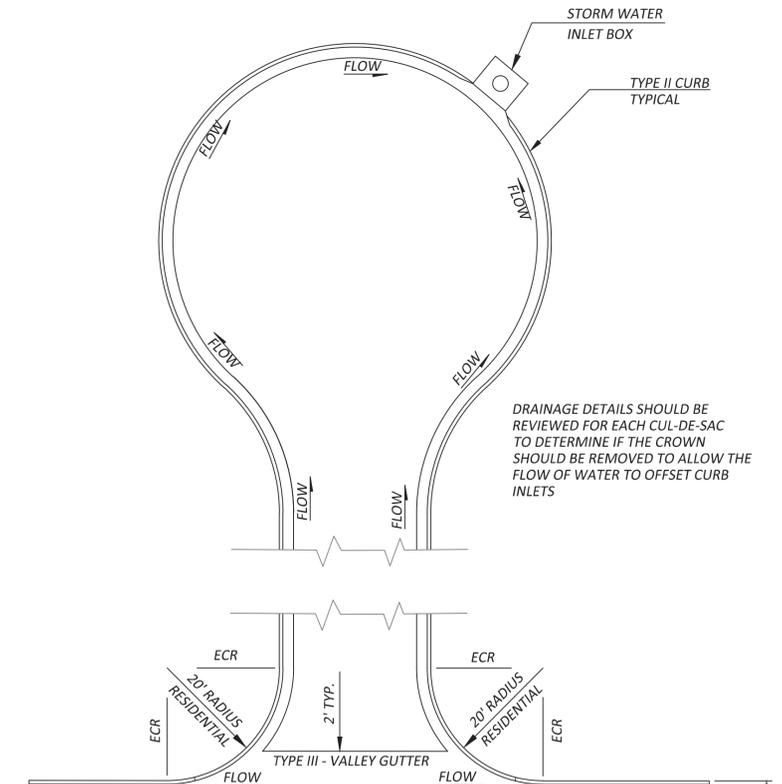
**THICKENED EDGE EXPANSION JOINT**  
(NOT TO SCALE)



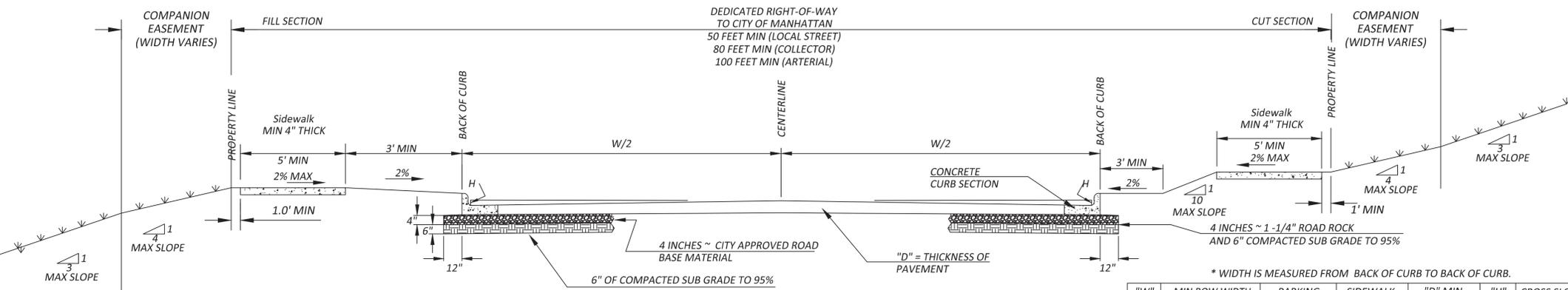
**ASPHALT PATCH REPLACEMENT**



**RAISED MEDIAN**  
(NOT TO SCALE)



**TYPICAL LAYOUT FOR BITUMINOUS ASPHALT PAVEMENT**  
(NOT TO SCALE)



**TYPICAL STREET CROSS SECTION**  
(NOT TO SCALE)

"W"	MIN ROW WIDTH	PARKING	SIDEWALK	"D" MIN	"H" MIN	CROSS SLOPE
27	50 FEET	ONE SIDE	ONE SIDE	8.5 INCH	.25	2.0%
31	60 FEET	BOTH SIDES	ONE SIDE	8.5 INCH	.29	2.0%
37	60 FEET	BOTH SIDES	ONE SIDE	8.5 INCH	.35	2.0%
41 *	80 FEET	NONE	TWO SIDE	11 INCH	.35	1.8%
45 *	100 FEET	NONE	TWO SIDE	11 INCH	.39	1.8%
49 *	100 FEET	NONE	TWO SIDE	12 INCH	.42	1.8%

\* COLLECTORS & ARTERIAL TYPICALLY



- NOTES:
- ASPHALTIC PAVEMENT SHALL BE OF A HOT MIX TYPE.
  - ASPHALTIC PAVEMENT SHALL CONSIST OF THE FOLLOWING:  
2 BASE LAYERS CONSISTING OF BM-2C A MINIMUM OF 3 3/4" IN THICKNESS.  
1 SURFACE WEAR LAYER CONSISTING OF BM-1 A MINIMUM OF 1" IN THICKNESS.
  - THE SURFACE OF EACH LAYER SHALL BE ROLLED SEPARATELY TO THE ENGINEERS SPECIFIED COMPACTION.
  - EACH BASE LAYER SHALL HAVE A TACK COAT APPLIED PER MANUFACTURES RECOMMENDATION AND SHALL BE APPLIED TO A CLEAN DRY SURFACE.

NO.	DATE	DESCRIPTION	BY
<p><b>City of Manhattan Kansas</b> PUBLIC WORKS 1101 POYNTZ AVE., MANHATTAN, KS 66502 (785) 587-2415</p>			
<p><b>MANHATTAN STANDARD DETAILS</b> <b>MSD 2620 ASPHALT PAVING DETAILS</b></p>			
CITY ENGINEER: BRIAN JOHNSON, P.E.		DESIGN BY:	
CITY PROJ. #:		PAGE OF	
DATE:	DRAWN BY:	PAGE OF	