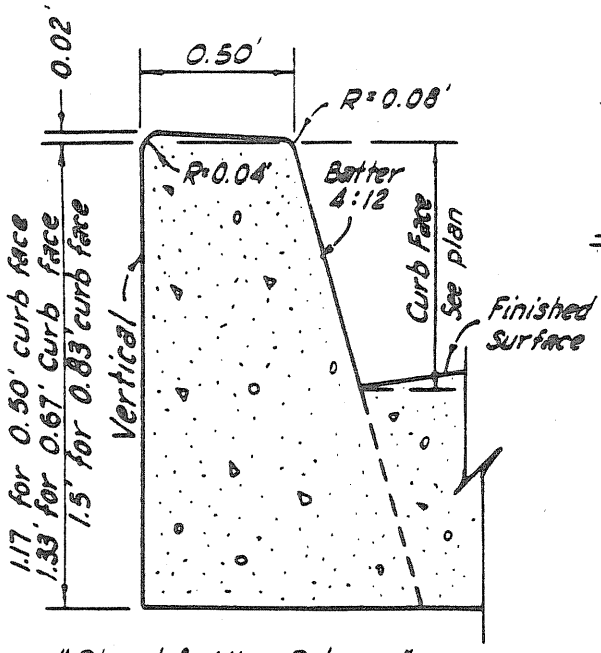
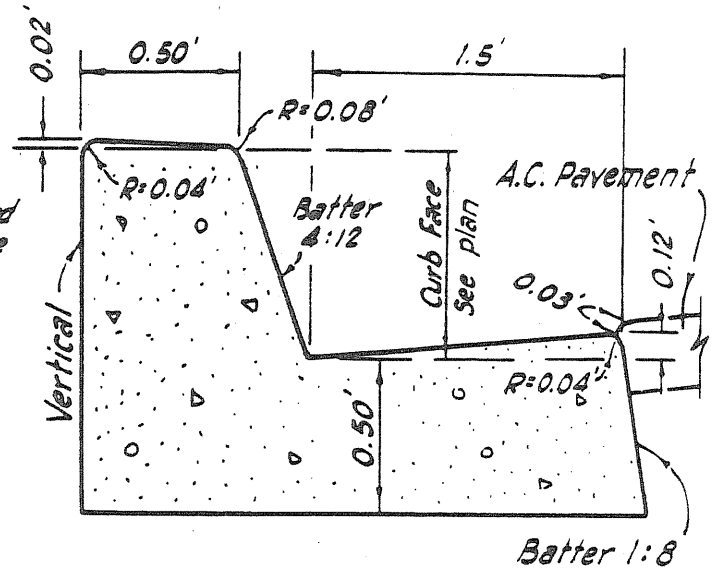
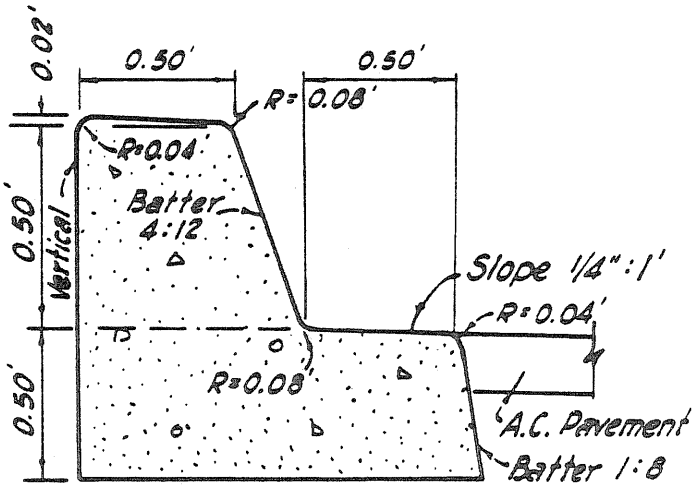


"Street & Alley Returns"
CURB ONLY



CURB & GUTTER



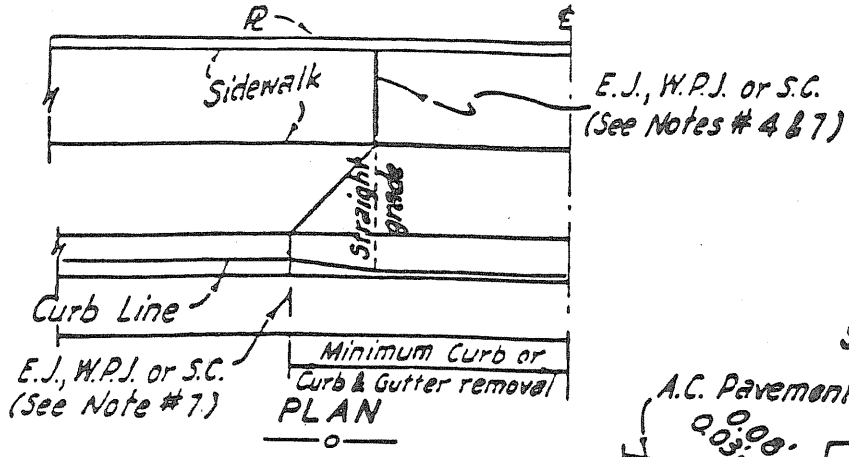
MEDIAN CURB

NOTES

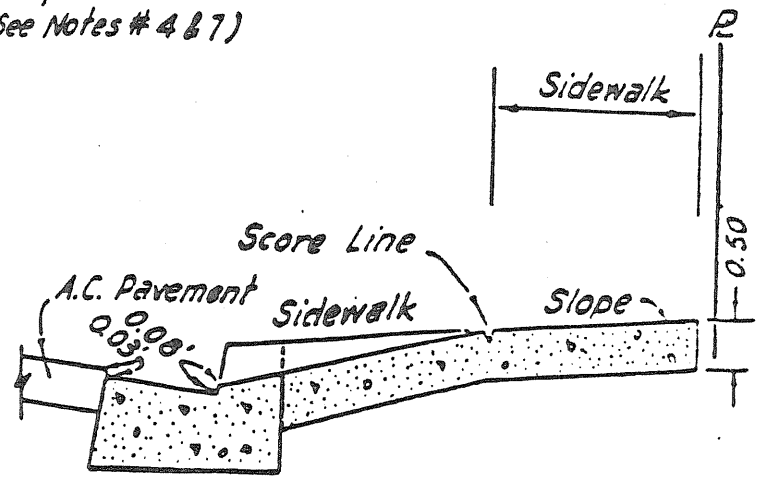
1. Class 520-C-2500 P.C.C. shall be used unless otherwise specified.
2. Curb shall be scored a 5' intervals to conform to sidewalk scoring, with expansion joints placed not to exceed 60' o.c. & @ B.C., E.C. & B.C.R's and weakened plane joints not to exceed 15 ft. o.c.
3. Immediately after completion of finishing, concrete curing compound shall be applied as a fine spray to all exposed surfaces including the back of curb.
4. Curb and gutter shall not be constructed monolithic with sidewalk or drive approach.

CITY OF MONTCLAIR			
CURB DETAILS			
DWN. BY M	CKD. BY	APPROVED BY CITY ENGR. R.C.E. 20717	Date 8-31-87

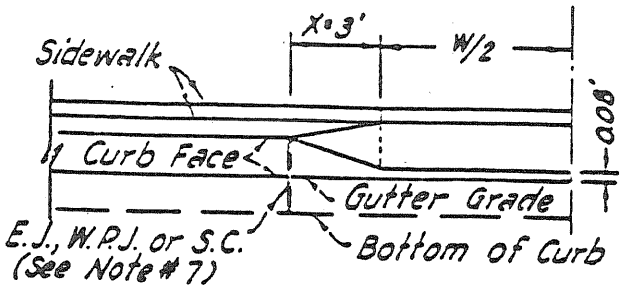
STD. NO. 101



PLAN



SECTION



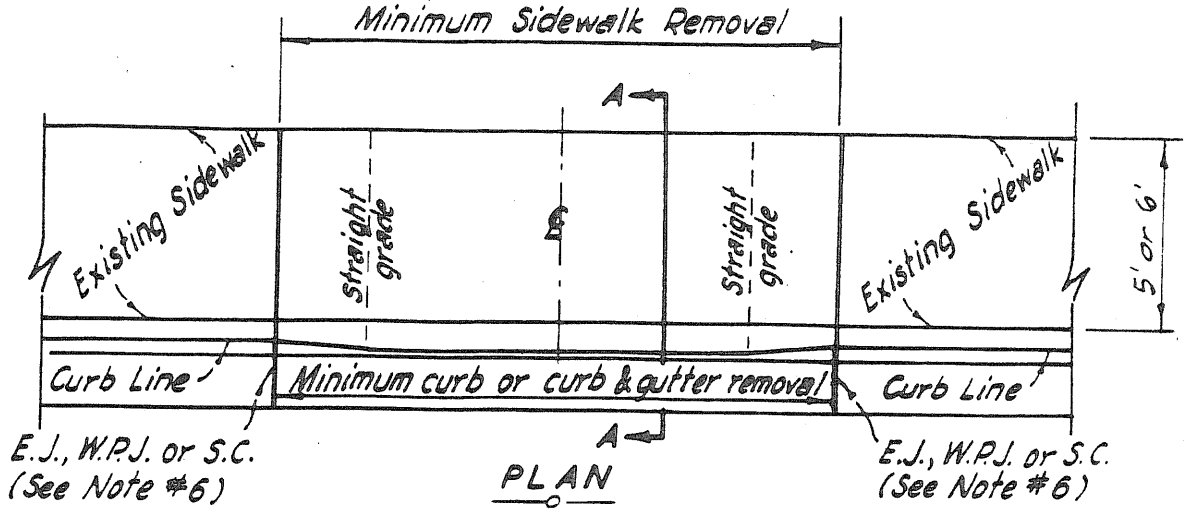
FRONT ELEVATION

NOTES

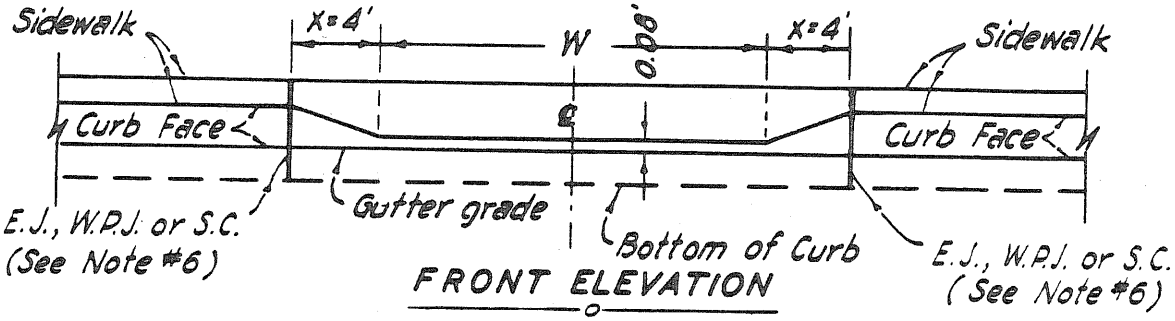
1. Minimum "W" shall be 12'
2. Minimum full curb between driveways shall be 1.50'.
3. Minimum clearance to Fire Hydrants, light standards, power poles and other obstructions shall be 1.50' from top of "x".
4. Where sidewalks exist within the limits of a residential driveway, the walk may remain at option of the inspector if in good condition.
5. Where curb & gutter exist, both shall be removed and replaced as shown for minimum curb removal.
6. All driveways shall be class 520-C-2500 P.C.C.
7. Curb and Walk shall be removed by saw cutting or if within 5' to a weakened plane or expansion joint.

CITY OF MONTCLAIR			
DRIVEWAY APPROACH "Sidewalk adjacent to ℄"			
DWN. BY AL	CKD. BY	APPROVED BY CITY ENGINEER R.C.E. 20717	Date 8-31-87

STD. NO. 102



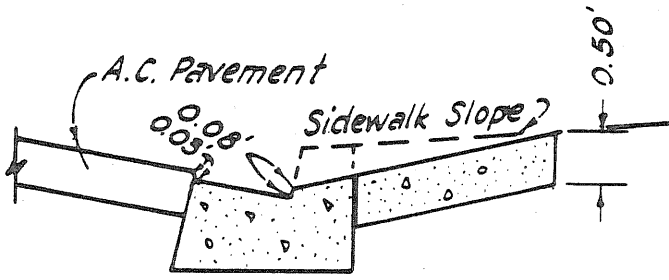
PLAN



FRONT ELEVATION

NOTES

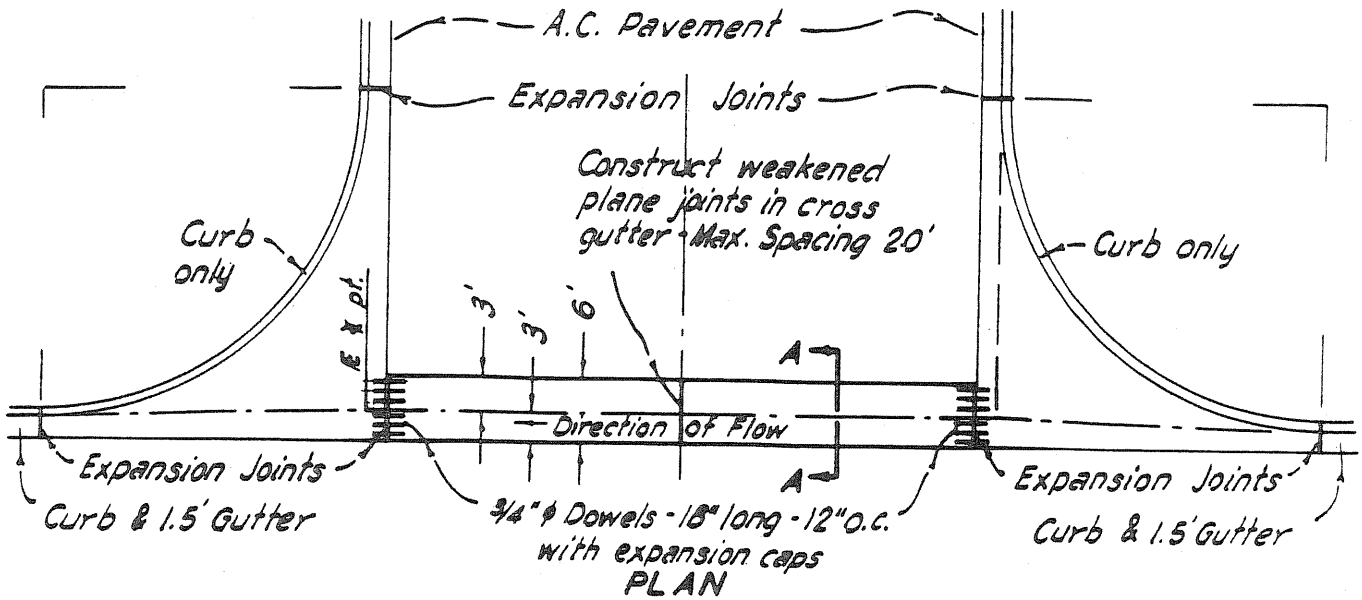
1. Minimum "W" shall be 12'
2. Minimum full curb between driveways shall be 1.50'
3. Minimum clearance to Fire Hydrants, light standards, power poles, and other obstructions shall be 1.50' from top of "X".
4. All driveways shall be class 520-C-2500 P.C.C.
5. Where curb & gutter exist, both shall be removed and replaced as shown for minimum curb removal.
6. Curb and walk shall be removed by saw cutting or if within 5' to a weakened plane or expansion joint.
7. Curb and gutter shall not be constructed monolithic with sidewalk or drive approach.



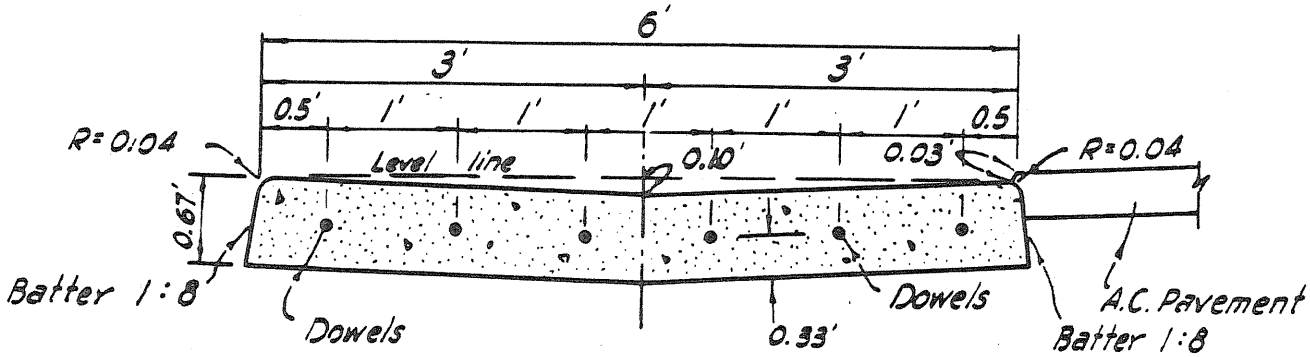
SECTION A-A

CITY OF MONTCLAIR			
DRIVEWAY APPROACH "Sidewalk adjacent to curb"			
DWN. BY ML	CKD. BY	APPROVED BY: CITY ENGR. R.C.E. 20717	Date 8-31-87

STD. NO. 103



PLAN



SECTION A-A

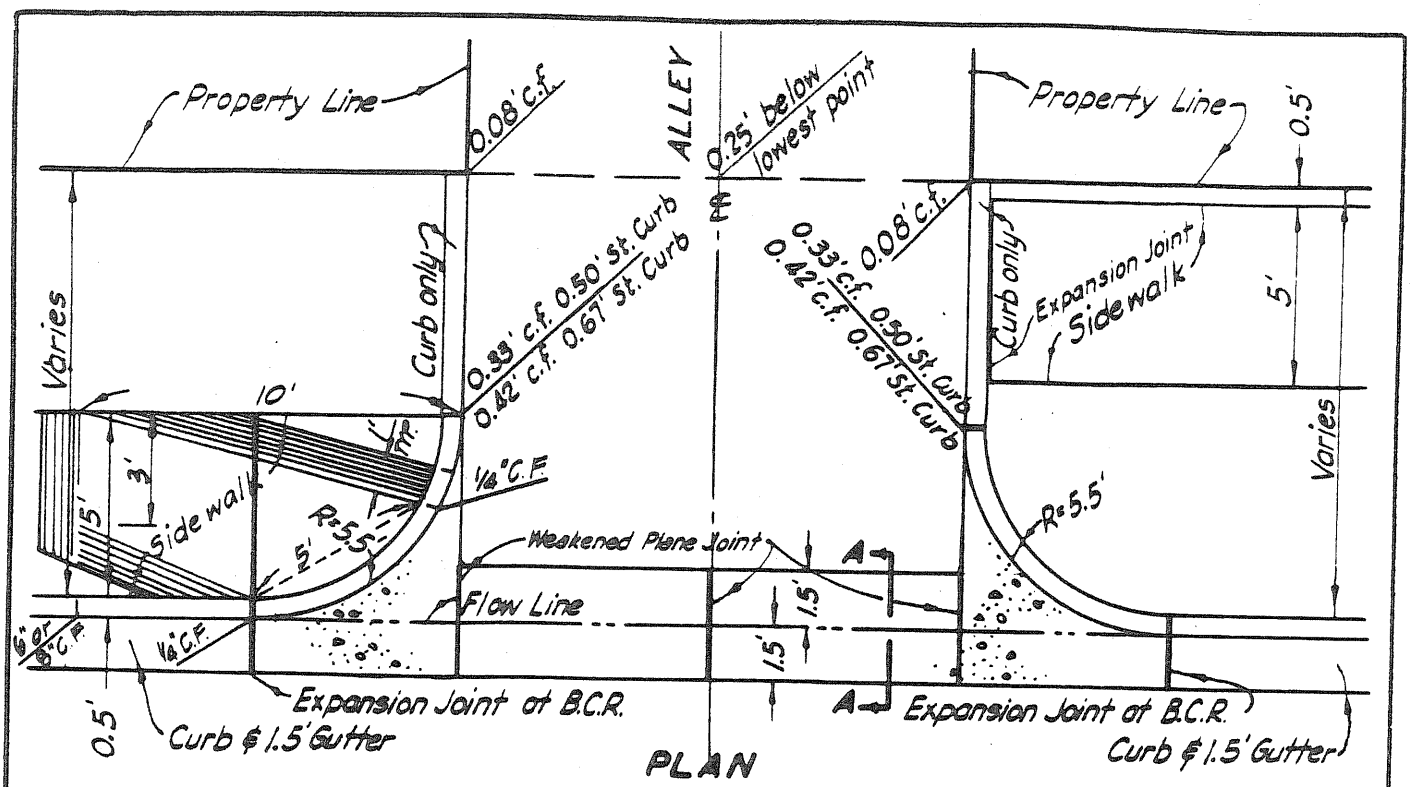
NOTES

1. Class 520-C-2500 P.C.C. shall be used for complete cross gutter as shown.
2. Immediately after completion of finishing, concrete curing compound shall be applied as a fine spray to all exposed surfaces including the back of curb.

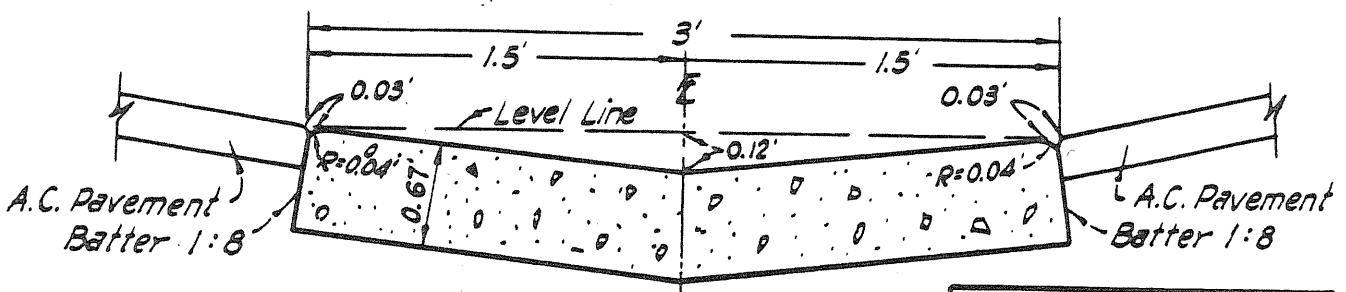
90° Intersection - Cross Gutter Area - Sq. Ft.				
Curb Radius	Roadway Width			
	36'	40'	44'	64'
20'	494.2	518.2	542.2	662.2
30'	768.8	792.8	816.8	936.8

CITY OF MONTCLAIR		
CROSS GUTTER		
DWN. BY M	CKD. BY	APPROVED BY Date 8-31-87 CITY ENGR. R.C.E. 20717

STD. NO. 104



PLAN



SECTION A-A
(Cross Gutter)

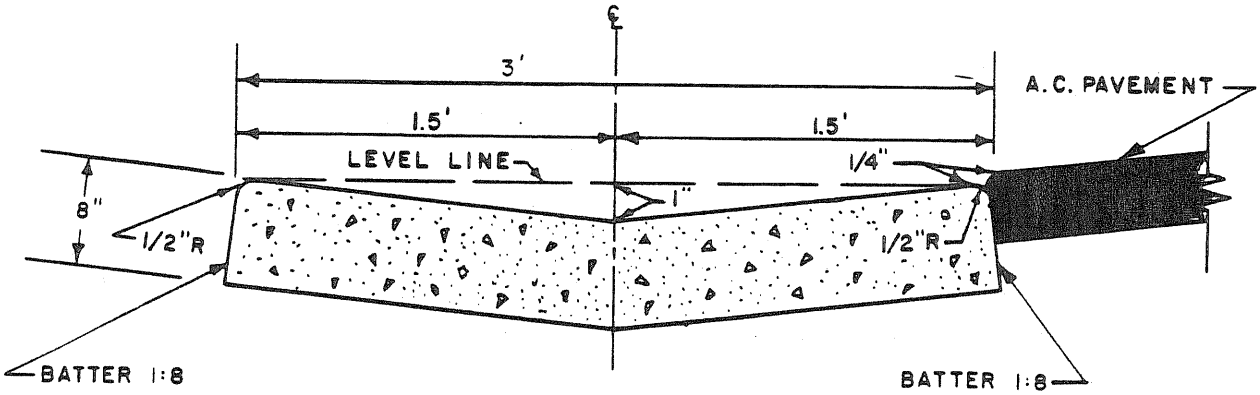
90° Intersection Cross Gutter Area - Sq. Ft.	
20' Alley	89.5

Notes:

1. Class 520-C-2500 P.C.C. shall be used unless otherwise specificed.
2. Note top of curb elevation at property line to be set at 1/4" per ft. slope above T.C. at curb P.I.
3. Curb from E.C.R. to property line to be set at 1/4" per ft. slope.
4. Immediately after completion of finishing, concrete curing compound shall be applied as a fine spray to all exposed surfaces, including the back of curb.
5. When Cross Gutter is to be poured separate from spandrel, place 3-3/4" ϕ dowels, 1.5' long together with expansion joints at edge of spandrel.
6. When Cross Gutter is poured monolithic with spandrel, a weakened plane joint shall be constructed at center of cross-gutter.

CITY OF MONTCLAIR		
ALLEY INTERSECTION		
DRWN. BY M	CKD BY DG	APPROVED BY [signature] 8-31-87 CITY ENGINEER R.C.E. 20717

STD. NO. 105



NOTES:

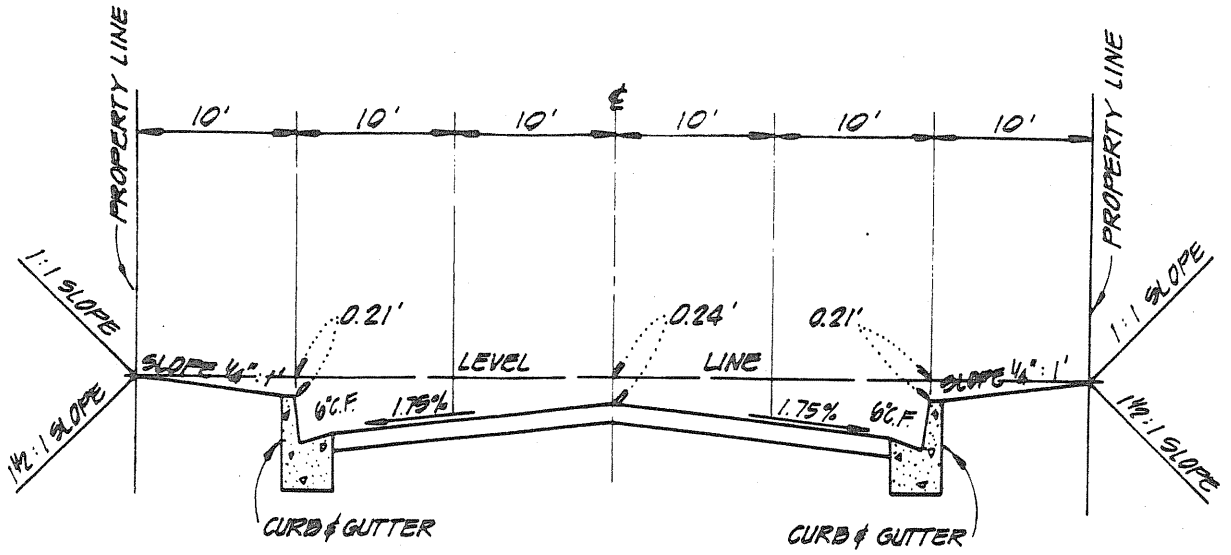
1. CLASS 520-C-2500 P.C.C. TO BE USED UNLESS OTHERWISE SPECIFIED.
2. EXPANSION JOINTS SHALL BE PLACED NOT TO EXCEED 60'o.c. & WEAKENED PLANE JOINTS NOT TO EXCEED 15'o.c.
3. IMMEDIATELY AFTER COMPLETION OF FINISHING, CONCRETE CURING COMPOUND SHALL BE APPLIED AS A FINE SPRAY TO ALL SURFACES.

CITY OF MONTCLAIR

RIBBON GUTTER

DWG BY	CKD BY	APPROVED BY	Date
M.A.	D.G.	Carl L Sewell CITY ENGINEER R.C.E 20717	8-31-87

STD. NO. 106



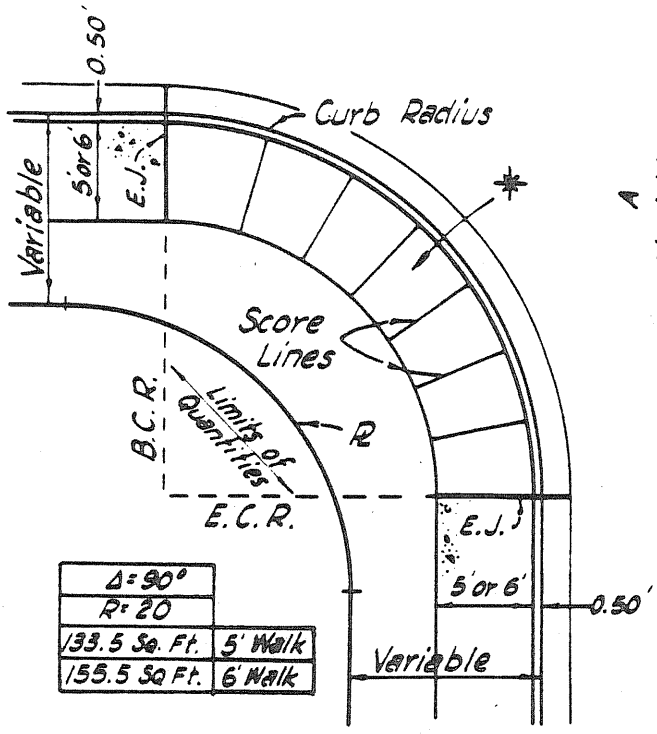
Minimum A.C. Pavement Thickness Requirements	
Major Street	6"
Secondary Street	5"
Collector Street	4"
Industrial Street	5"
Local Street	3"

Notes:

1. Cross Sections and Curb locations are to be determined by the City Engineer for all streets other than 60' R/W.
2. A = 36' used only when it is necessary to match existing conditions.
3. Sidewalk shall be adjacent to curb unless it is necessary to provide a parkway to match existing conditions, as determined by City Engineer.
4. Thickness of Pavement and base shall determined from soils tests and so indicated on the plans.

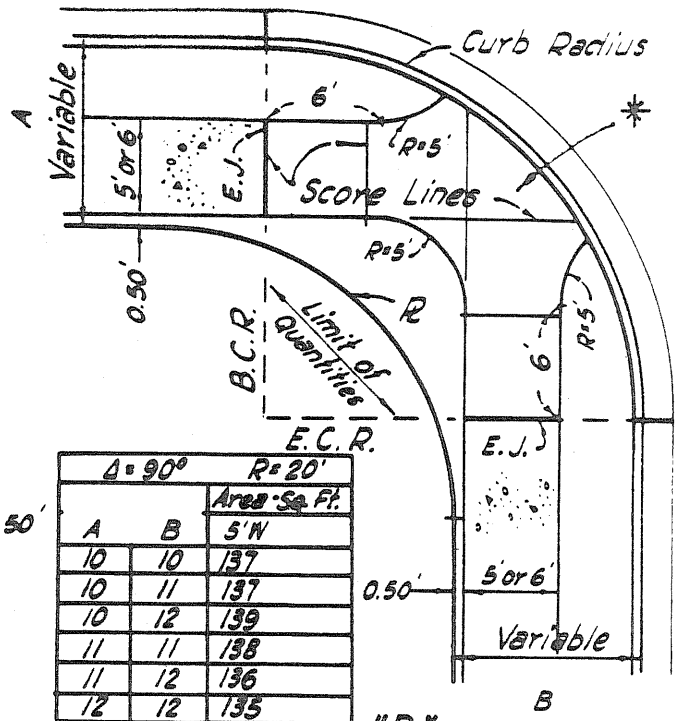
CITY OF MONTCLAIR			
STREET CROSS SECTION			
DRWN. BY	CKD. BY D.G.	APPROVED BY CITY ENGINEER R.C.E. 20717	DATE 8-31-87

STD. NO. 107



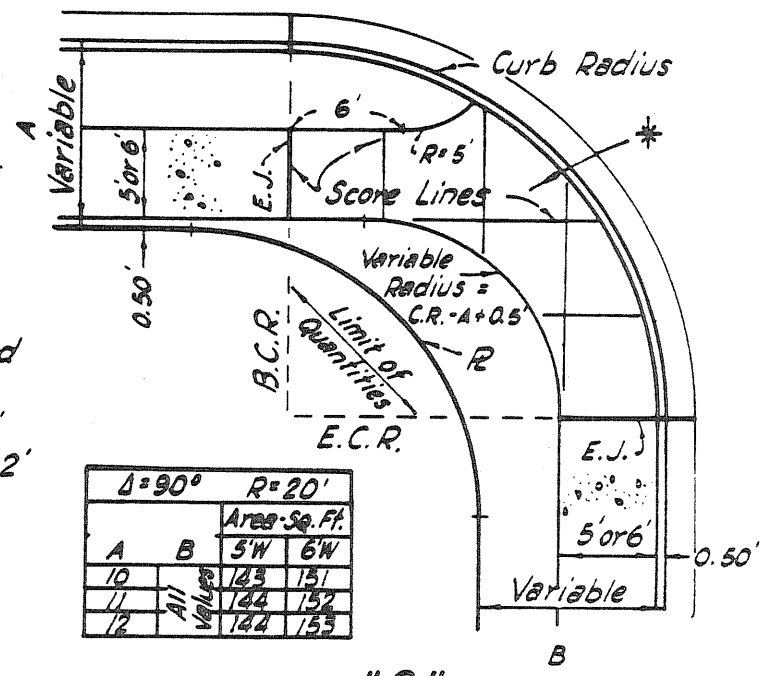
Δ = 90°	
R = 20	
133.5 Sq. Ft.	5' Walk
155.5 Sq Ft.	6' Walk

"A"



Δ = 90°		R = 20'
		Area-Sq. Ft.
A	B	5'W
10	10	137
10	11	137
10	12	139
11	11	138
11	12	136
12	12	135

"B"



Δ = 90°		R = 20'	
		Area-Sq. Ft.	
A	B	5'W	6'W
10	All Values	143	151
11		144	152
12		144	153

"C"

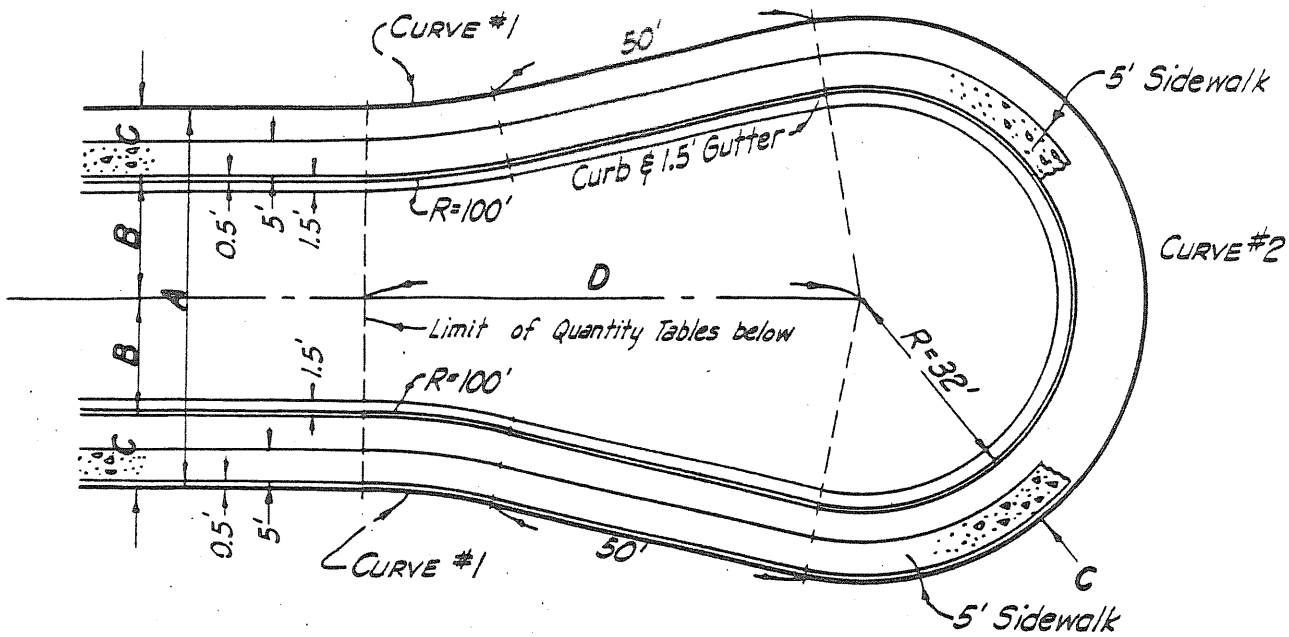
NOTES

1. Sidewalks shall be constructed of Class 520-C-2500 P.C.C.
2. Sidewalks shall have transverse expansion joints not more than 60' o.c. and at all returns; weakened plane joints not more than 15' o.c. and score marks not more than 5' o.c. that are a minimum of 0.02' deep.

* Handicapped ramp per Std. No. 123

CITY OF MONTCLAIR			
SIDEWALK INTERSECTIONS			
DWN. BY M	CKD. BY DG	APPROVED BY CITY ENGR. R.C.E. 20717	Date 8-31-87

STD. NO. 108



				CURVE # 1							CURVE # 2				
A	B	C	D	Δ	Curb			℄			Δ	Curb		℄	
					R	L	T	R	L	T		R	L	R	L
50	18	7	77.46	12°32'11"	100	21.88	10.98	93	20.35	10.22	205°04'22"	32	114.53	39	139.59
60	18	12	77.46	12°32'11"	100	21.88	10.98	88	19.25	9.67	205°04'22"	32	114.53	44	157.48
60	20	10	74.32	11°01'35"	100	19.24	9.65	90	17.32	8.69	202°03'10"	32	112.85	42	148.11

A	B	Curb Length-ft.	Sidewalk - SQ. FT.		Pavement Sq. Ft. 1.5' Gutter
			Adjacent to Curb	Adjacent to ℄	
50	18	258.3	1338.6	1354.3	5,000.7
60	18	258.3	1338.6	1432.8	5,000.7
60	20	251.3	1303.8	1366.6	5,026.5

Notes:

1. Sidewalk location shall be adjacent to the curb unless determined otherwise by the City Engineer.
2. All street widths shall be 60' unless otherwise approved.

CITY OF MONTCLAIR			
STANDARD CUL-DE-SAC			
DWN. BY G.E.R.	CKD. BY. DG	APPROVED BY CITY ENGINEER R.C.E. 20777	DATE 8-31-87

STD. NO. 109