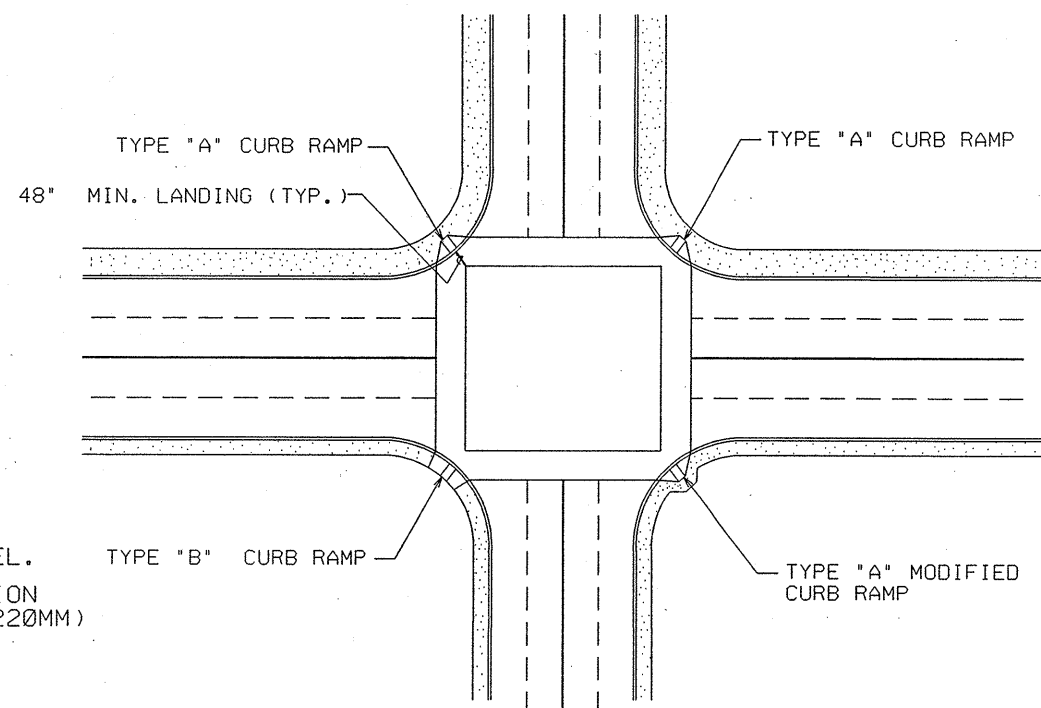
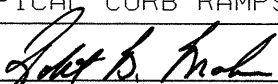


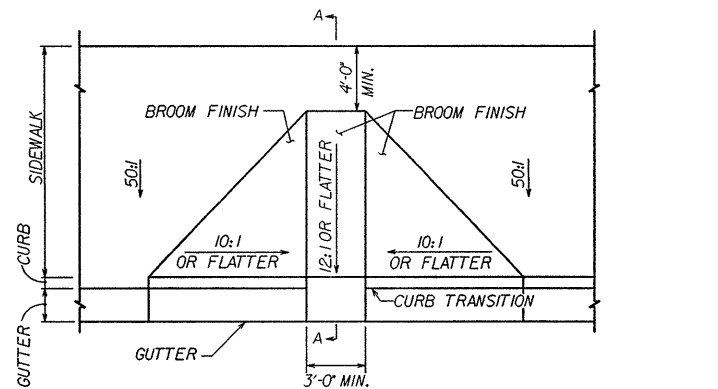
GENERAL NOTES:

1. THESE DRAWINGS PROVIDE GUIDANCE FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND STATE CODE.
2. EVERY EFFORT SHALL BE MADE TO CONSTRUCT SLOPES FLATTER THAN SHOWN.
3. A VERTICAL CHANGE OF $\frac{1}{4}$ INCH (6MM) OR LESS IS ALLOWED. IF BETWEEN $\frac{1}{4}$ INCH AND $\frac{1}{2}$ INCH (6MM AND 13MM), THEN IT NEEDS TO BE BEVELED 2:1. CHANGES GREATER THAN $\frac{1}{2}$ INCH SHALL BE RAMPED.
4. IN ORDER TO BETTER ACCOMMODATE CONDITIONS IN THE FIELD, THE CONTRACTOR SHALL OBTAIN FINAL APPROVAL OF CURB RAMP LOCATIONS FROM THE PROJECT MANAGER.
5. WHEN NECESSITATED BY EXISTING PHYSICAL CONDITIONS, ALTERNATE CURB RAMPS MUST BE SUBMITTED TO PROJECT MANAGER FOR APPROVAL.
6. NEW SIDEWALKS SHOULD PROVIDE A MINIMUM CLEAR WIDTH OF 5'-0" (1525MM) (EXCLUDING CURB). NEW SIDEWALKS SHALL HAVE A CROSS SLOPE OF 50:1 OR FLATTER AND SHALL HAVE A PROFILE AS FLAT AS POSSIBLE.
7. ANY SIDEWALK LESS THAN 5'-0" (1525MM) WIDE EXCLUDING CURB SHALL REQUIRE A MINIMUM 5'-0" (1525MM) WIDE BY 5'-0" (1525MM) LONG PASSING SPACE WITH 45 DEGREE TRANSITION TAPERS AT INTERVALS NOT TO EXCEED 200 FEET (61M).
8. ANY SIGN POSTS, UTILITY POLES, FIRE HYDRANTS, TRAFFIC SIGNAL STANDARDS, LIGHT POLES, ETC. IN THE SIDEWALK SHALL NOT REDUCE THE CLEAR WIDTH TO LESS THAN 3'-0" (915MM) FOR PEDESTRIAN CIRCULATION.
9. PROVIDE A FLUSH TRANSITION BETWEEN RAMPS, SIDEWALKS, GUTTER AND EDGE OF PAVEMENT, FREE OF A LIP, ABRUPT GRADE CHANGES, DROP-OFFS OR ANY SURFACE IRREGULARITIES. WHEN O.G.F.C. IS USED, A 20:1 OR FLATTER TRANSITION TAPER SHALL BE PROVIDED AT GUTTER FOR CURB RAMP LOCATIONS.
10. ALL BROOM FINISHES ON RAMPS SHALL BE PERPENDICULAR TO DIRECTION OF TRAVEL.
11. WHERE CROSSWALKS ARE SPECIFIED, THEY SHALL BE PLACED TO PROVIDE PROTECTION FOR ADA RAMP. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE 48" MIN. (1220MM) CLEAR SPACE AS SHOWN ON DIAGONAL CURB RAMP TYPICAL.
12. ACCESS TO PULLBOXES, METERS, VALVES ETC. SHALL NOT BE INSTALLED WITHIN THE CURB RAMP (INCLUDING FLARES.)
13. ALL SIDEWALK, CURB AND GUTTER CONSTRUCTION SHALL BE IN ACCORDANCE WITH SERIAL BSCG-001, (SWCG-001)
14. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS.

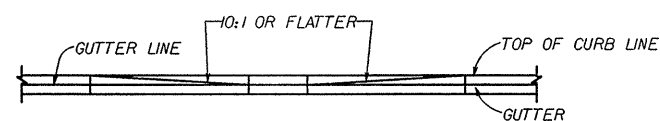


DIAGONAL CURB RAMP TYPICAL
MAY BE USED FOR CURB RADII
GREATER THAN 20 FEET (6096MM)

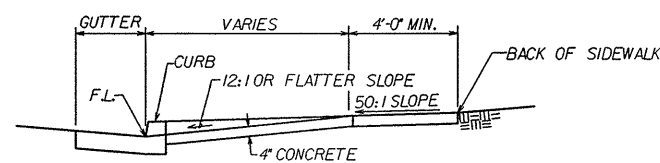
NO.	DATE	REV. BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPARTMENT			
PEDESTRIAN ACCESS DETAILS TYPICAL CURB RAMPS			
APPROVAL RECOMMENDED			6/6/01
	ENGINEER		DATE
PAD-001		SHEET 1 OF 7	



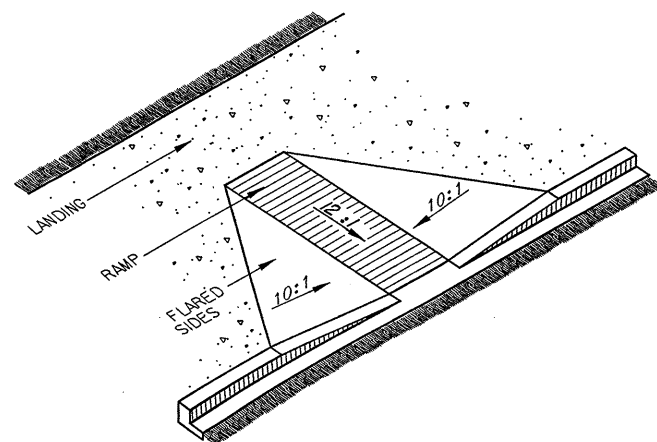
PLAN



ELEVATION



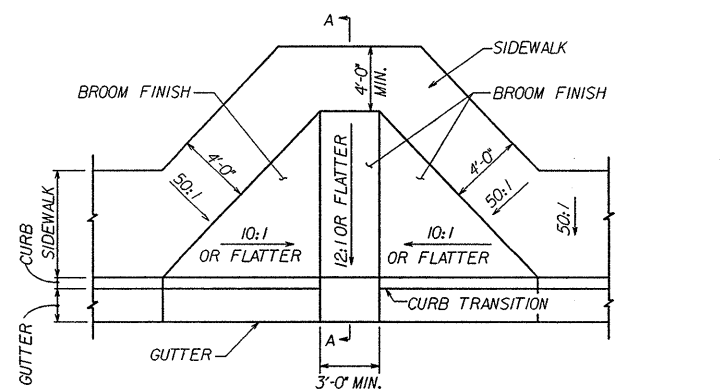
SECTION "A-A"



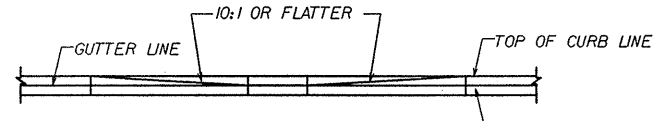
ISOMETRIC

CURB RAMP - TYPE "A"
WIDE SIDEWALKS

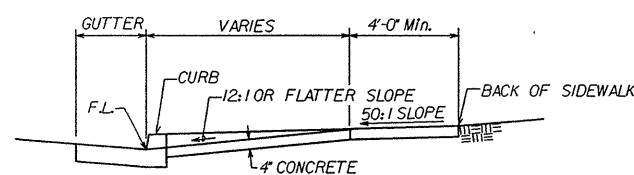
N. T. S.



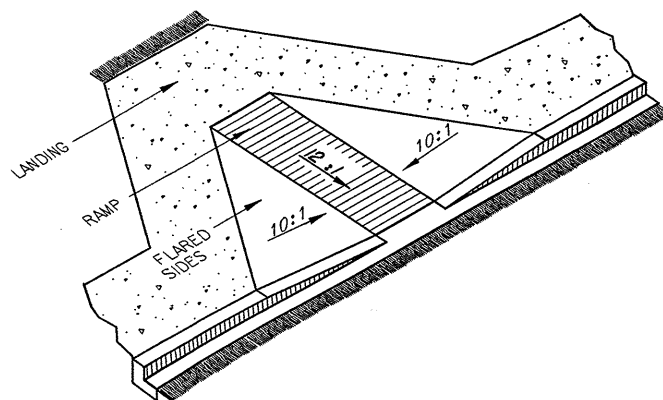
PLAN



ELEVATION



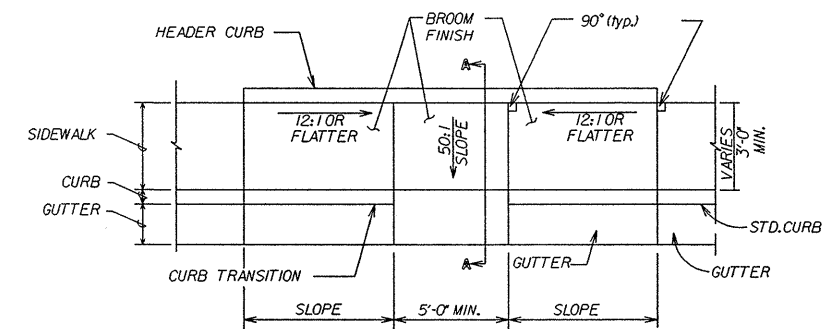
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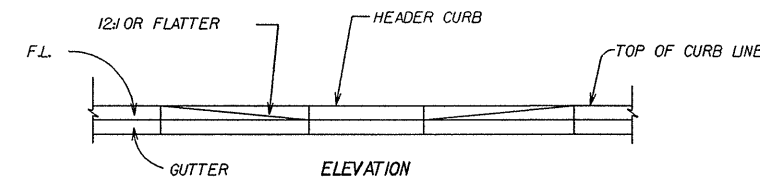
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CURB RAMP - TYPE "A" MODIFIED

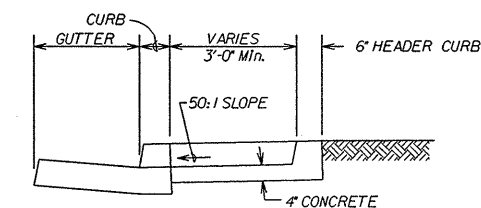
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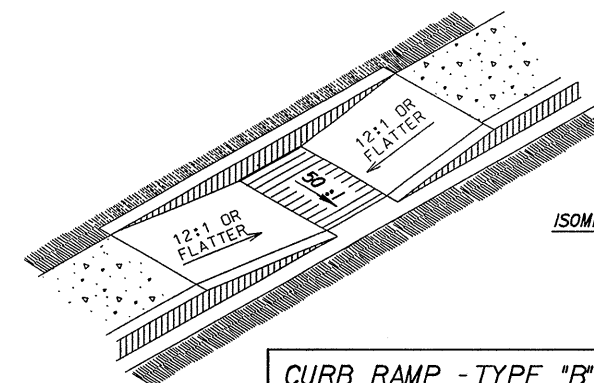
PLAN



ELEVATION



SECTION "A-A"



ISOMETRIC

CURB RAMP - TYPE "B"

N. T. S.

METRIC CONVERSIONS

5'-0"	-	1525mm
4'-0"	-	1220mm
3'-0"	-	915mm
2'-0"	-	610mm
6"	-	150mm
4"	-	100mm
10:1	-	1:10
12:1	-	1:12
50:1	-	1:50

NO.	DATE	REV. BY	DESCRIPTION
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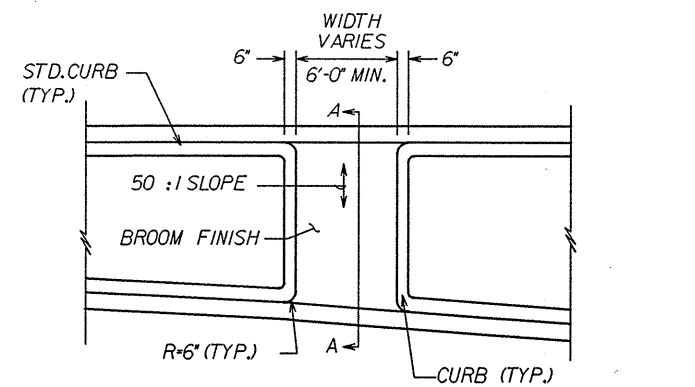
NEW MEXICO STATE HIGHWAY
& TRANSPORTATION DEPARTMENT

PEDESTRIAN ACCESS DETAILS
CURB RAMP DETAILS
TYPE "A", TYPE "A" MODIFIED
& TYPE "B"

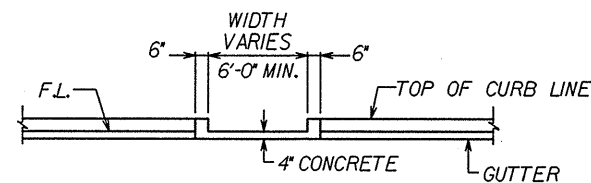
APPROVAL
RECOMMENDED *Robert B. Mark* 6/6/01
ENGINEER DATE

PAD-001

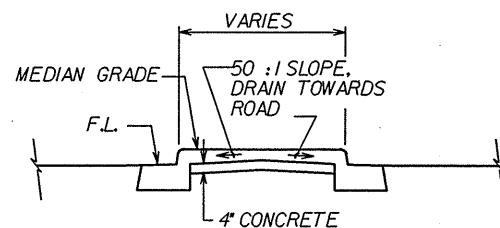
Sheet 2 of 7



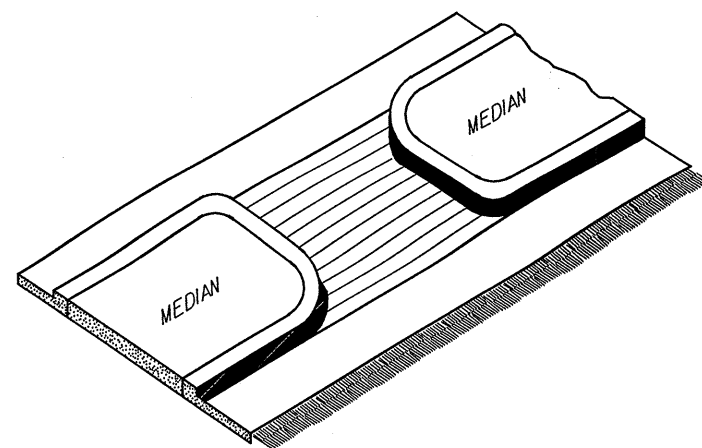
PLAN



ELEVATION



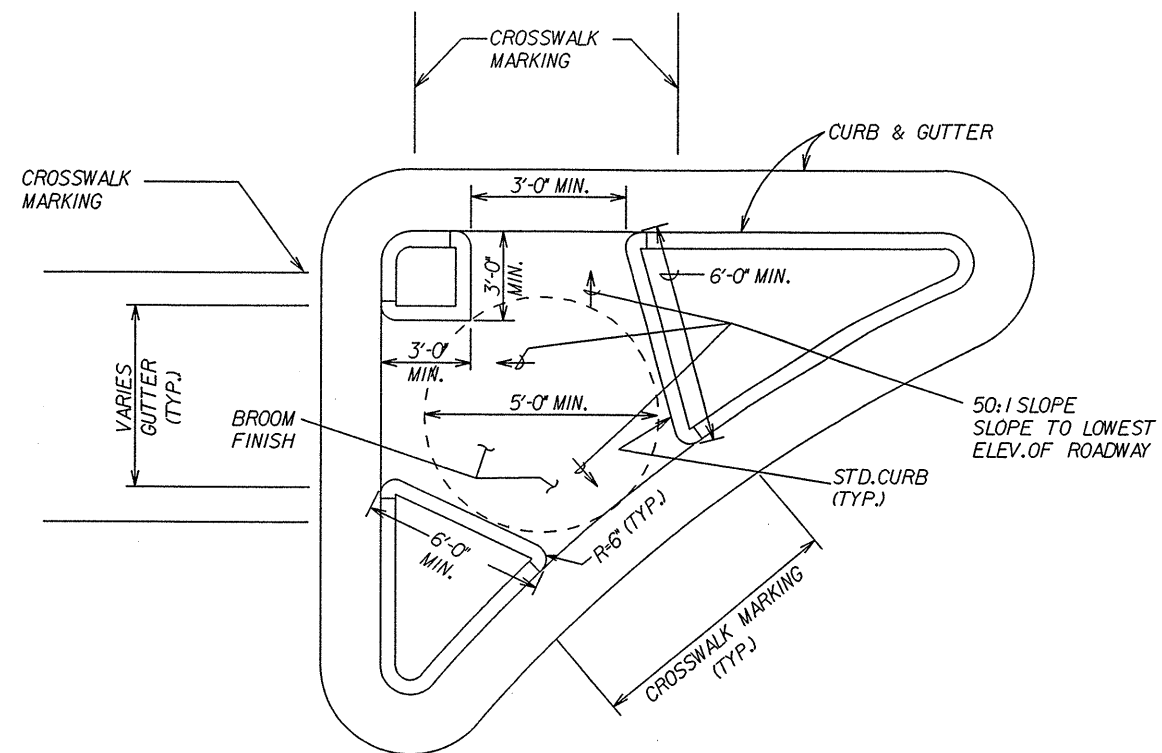
SECTION "A-A"



ISOMETRIC

MEDIAN CUT - TYPE "C"

N.T.S.



MEDIAN CUT - TYPE "C" MODIFIED

N.T.S.

NO.	DATE	REV. BY	DESCRIPTION

NEW MEXICO STATE HIGHWAY
& TRANSPORTATION DEPARTMENT

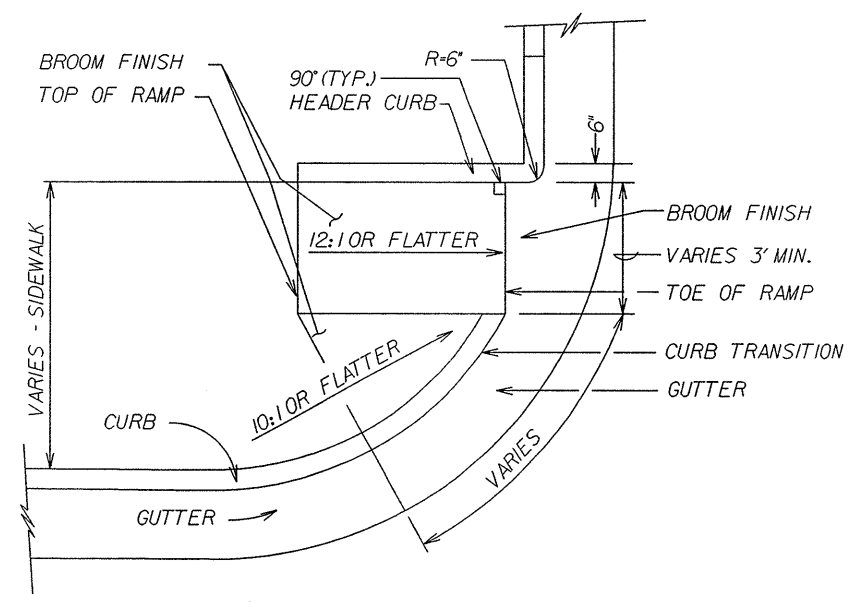
PEDESTRIAN ACCESS DETAILS
MEDIAN CUT DETAILS
TYPE "C" &
TYPE "C" MODIFIED

APPROVAL
RECOMMENDED *Robert D. Nash* 6/8/01
ENGINEER DATE

PAD-001

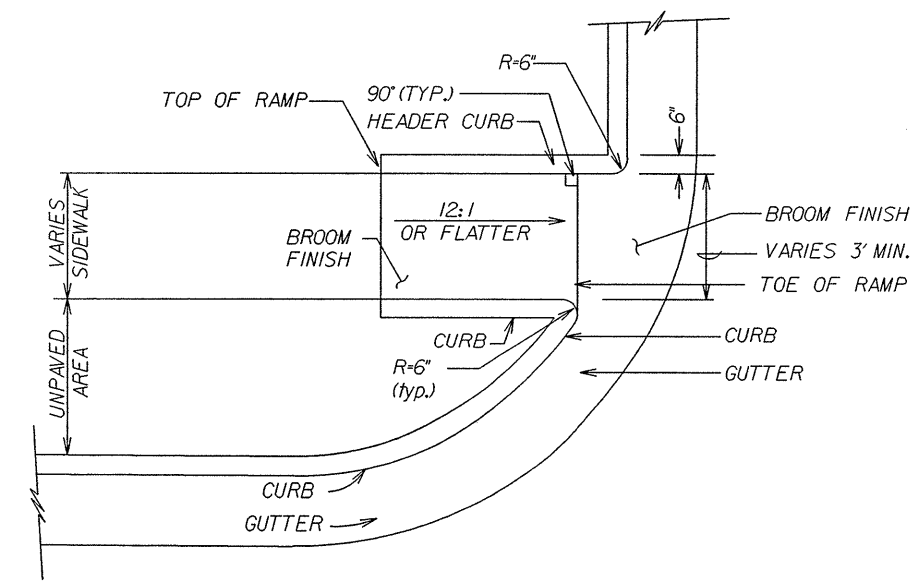
Sheet 3 of 7

METRIC CONVERSIONS	
6'-0"	1829mm
3'-0"	915mm
2'-0"	610mm
5'-0"	1525mm
36"	915mm
6"	150mm
12:1	1:12
50:1	1:50



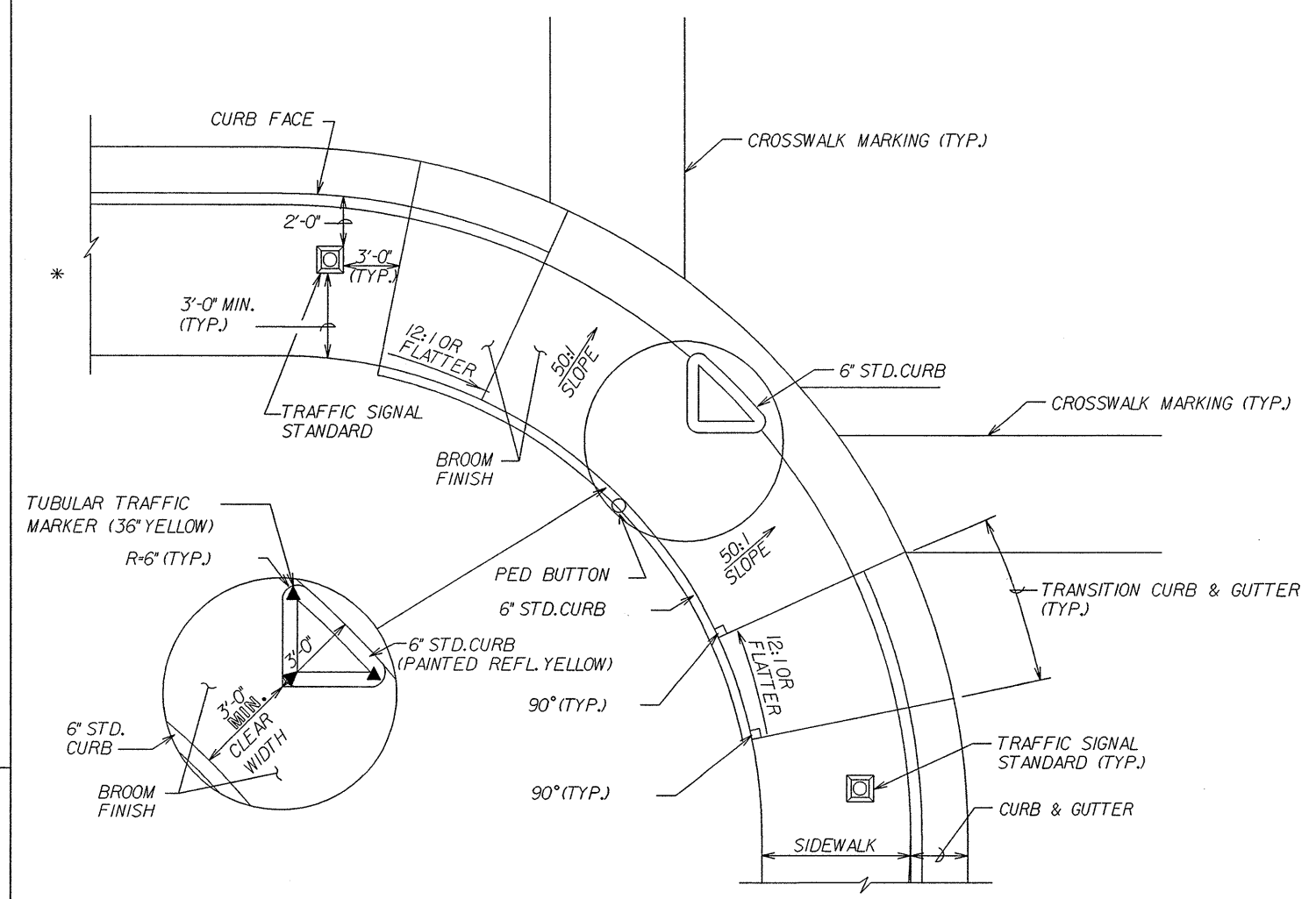
CURB RAMP - TYPE "D"

N.T.S.



CURB RAMP - TYPE "D" MODIFIED

N.T.S.

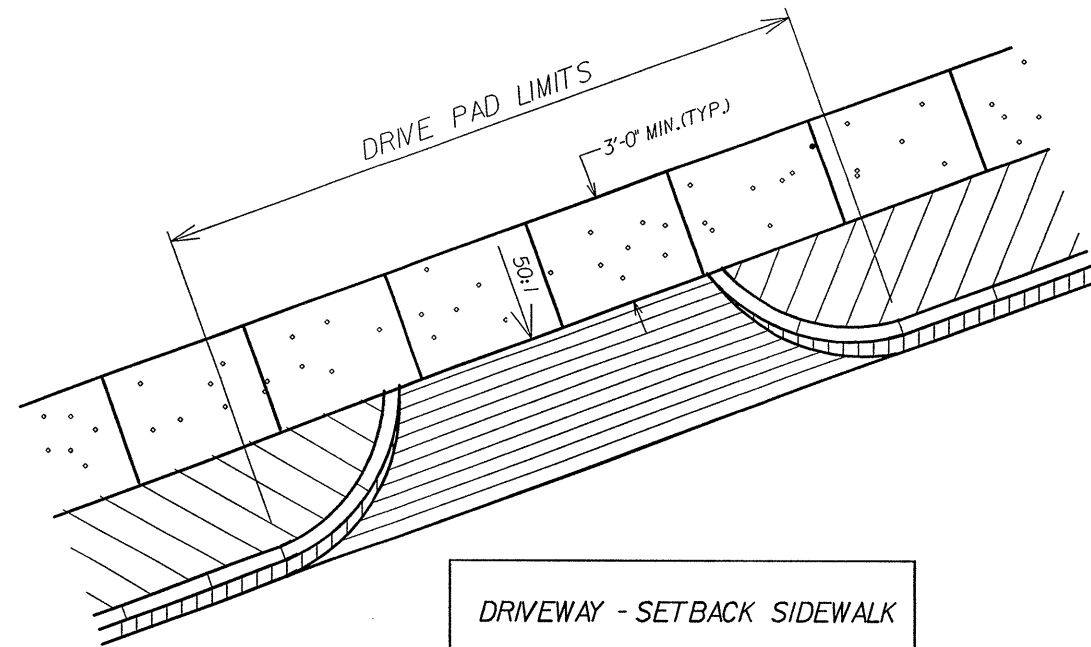


CURB RAMP - TYPE "E"

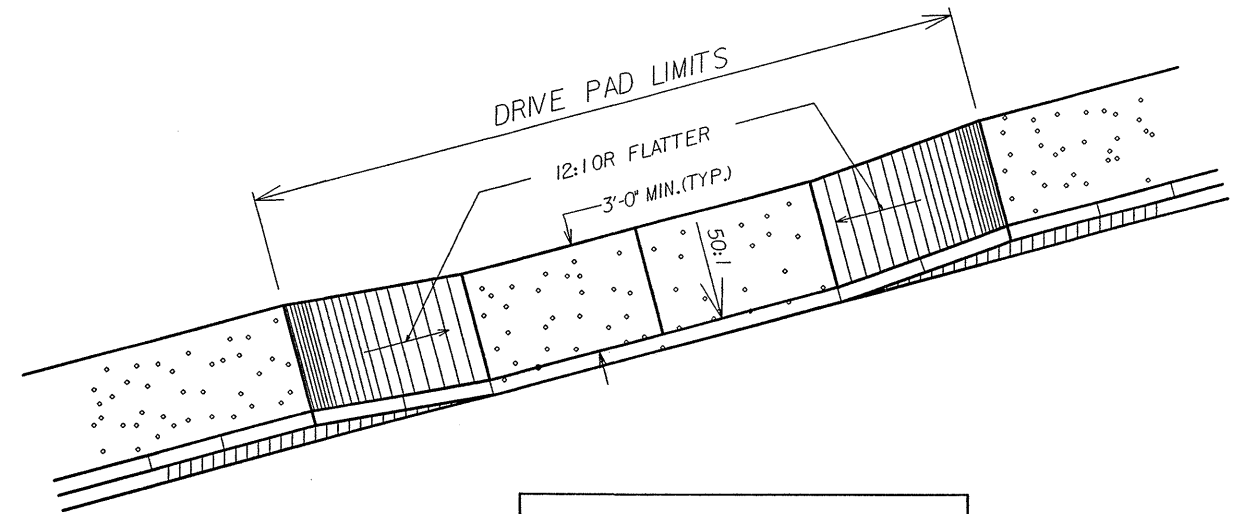
* TRANSITION TO EXISTING SIDEWALK AS FIELD CONDITIONS PERMIT.

N.T.S.			
NO. DATE REV. BY DESCRIPTION			
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPARTMENT			
PEDESTRIAN ACCESS DETAILS			
CURB RAMP DETAILS			
TYPE "D", TYPE "D" MODIFIED & TYPE "E"			
APPROVAL RECOMMENDED		Robert B. Pugh 6/6/01	
		ENGINEER DATE	
PAD-001		Sheet 4 of 7	

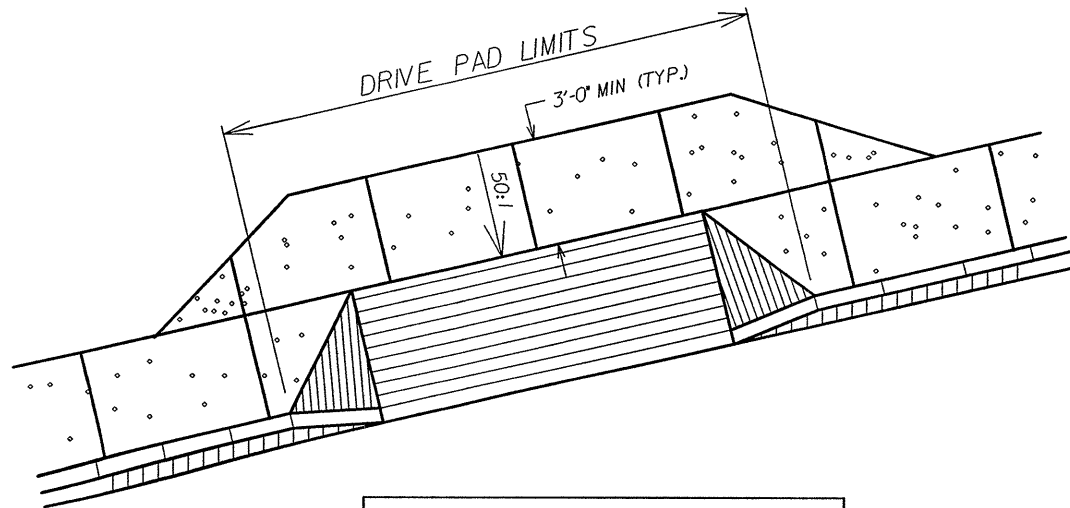
METRIC CONVERSIONS		
6'-0"	-	1829mm
3'-0"	-	915mm
6"	-	150mm
12:1	-	1:12
10:1	-	1:10



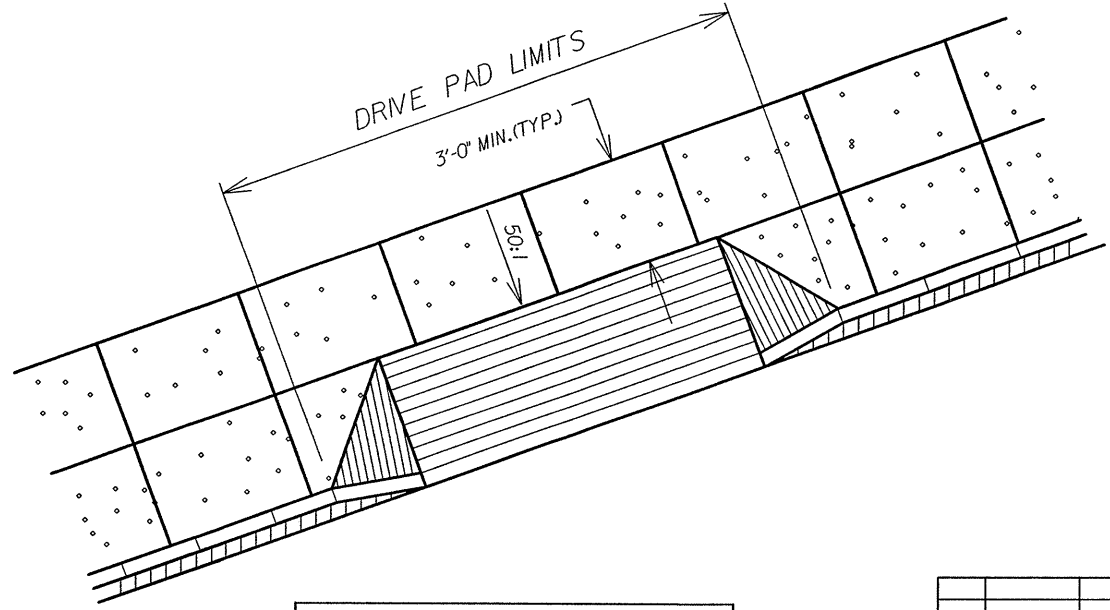
DRIVEWAY - SETBACK SIDEWALK



DRIVEPAD - RAMP SIDEWALK



DRIVEPAD - OFFSET SIDEWALK



DRIVEPAD - WIDE SIDEWALK

METRIC CONVERSIONS

3' - 0"	-	915mm
12:1	-	1:12
50:1	-	1:50

N.T.S.			
NO.	DATE	REV. BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPARTMENT			
PEDESTRIAN ACCESS DETAILS TYPICAL DRIVEWAY / DRIVEPAD APRONS ISOMETRIC VIEWS			
APPROVAL RECOMMENDED		Robert S. Mah	6/6/01
		ENGINEER	DATE
PAD-001		Sheet 5 of 7	

ACCESSIBLE ROUTES:

Accessible exterior routes shall be provided from transportation stops, accessible parking and accessible passenger loading zones and public sidewalks to the accessible building entrance they serve.

ACCESSIBLE PARKING REQUIREMENTS

1. Each lot will provide accessible parking spaces in compliance with the following table:

NUMBER OF ACCESSIBLE PARKING SPACES		
TOTAL PARKING SPACES	TOTAL REQUIRED ACCESSIBLE PARKING SPACES	NUMBER REQUIRED TO BE VAN ACCESSIBLE
1-25	1	1
26- 35	2	1
36-50	3	1
51-100	4	1
101-300	8	1
301-500	12	2
501-800	16	2
801-1,000	20	3
Over 1,000	20 spaces plus 1 space for every 100 spaces, or fraction thereof, over 1,000	1 of every 8 accessible parking spaces, or fraction thereof

2. Car and van parking spaces shall be 96 inches (2440 mm) wide minimum and shall have an adjacent access aisle.

3. Access aisles serving parking spaces shall connect to the building or facility entrance by an accessible sidewalk. Two parking spaces shall be permitted to share a common access aisle. The van access aisle is preferred to be at the right side (passenger side) of the parking space. (An accessible sidewalk is 36 inches (915 mm) minimum clear width, 50:1 maximum cross slope with a running slope of 20:1 maximum or the running slope may follow the adjacent road profile grade.) Parked vehicle overhangs shall not reduce the minimum 36 inch (915 mm) clear width of an accessible route.

4. Access aisles serving car parking spaces shall be 60 inches (1525 mm) wide minimum. Access aisles serving van parking spaces shall be 96 inches (2440 mm) wide minimum.

5. Access aisles shall extend the full length of the parking spaces they serve.

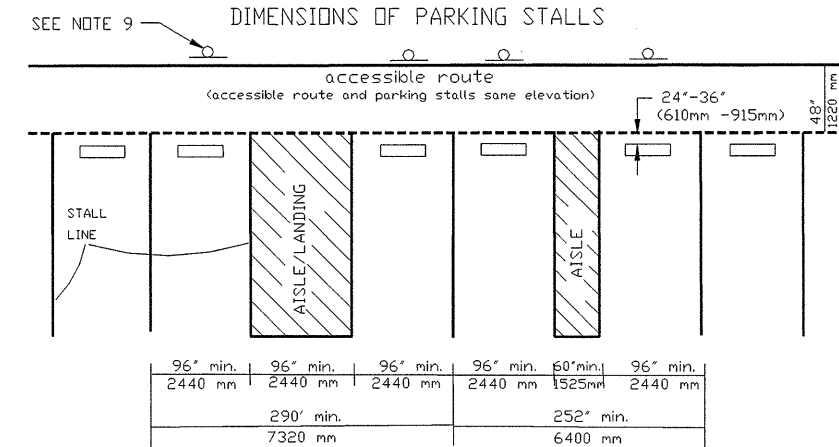
6. Access aisles shall be marked so as to discourage parking in them.

7. Parking spaces and access aisles shall have surface slopes not steeper than 50:1. Access aisles shall be at the same level as the parking spaces they serve.

8. Parking spaces for vans shall have a vertical clearance of 98 inches (2490 mm) minimum at the space and along the vehicular route thereto.

9. Each accessible parking space shall be identified by a sign on a post. Signs shall include the International Symbol of Accessibility. Signs shall be centered between 3 feet to 5 feet (915 mm to 1525 mm) above the parking surface, at the head of the parking space. Van accessible parking space shall have an additional sign mounted below the International Symbol of Access identifying the space as "Van Accessible".

10. Parking space and access aisles shall have OSHA safety blue striping. Striping shall be 4 inches (100 mm) wide. Access aisles striping shall be 30 inches (760 mm) on center.



ACCESSIBLE PASSENGER LOADING ZONE REQUIREMENTS

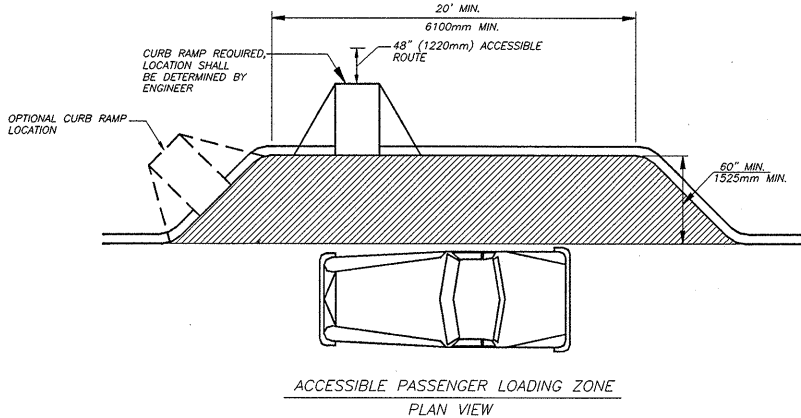
1. Passenger loading zones shall provide a 60 inch (1525 mm) wide access aisle adjacent and parallel to a vehicle pull-up space. Access aisles shall be 20 feet (6100 mm) long minimum.

2. Access aisles shall be part of the accessible route to the building or facility entrance.

3. Vehicle pull-up spaces in passenger loading zones and access aisles shall have surface slopes not steeper than 50:1. Access aisles shall be at the same level as the vehicle pull-up space they serve.

4. Vertical clearance of 114 inches (2895 mm) minimum shall be provided at passenger loading zones and along vehicle access routes to such areas from site entrances.

5. Each accessible passenger loading zone shall be identified by a sign on a post. Signs shall include the international symbol of accessibility.



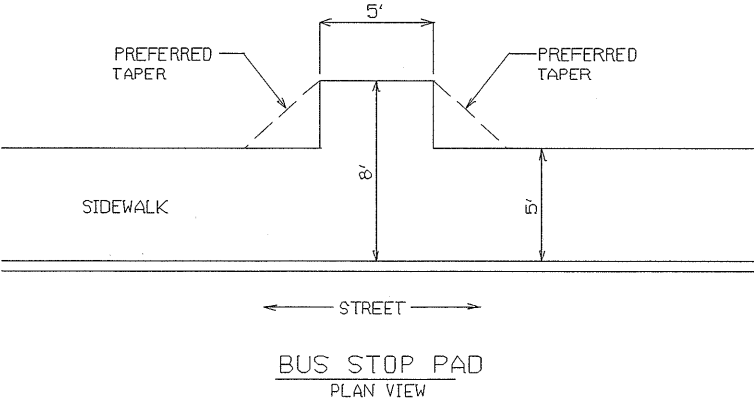
BUS STOP PAD REQUIREMENTS

1. Bus Stop pads shall have a stable, firm, and slip resistant surface.

2. The minimum clear length shall be 96 inches (2440 mm), measured perpendicular from the curb or edge of the vehicle roadway. The minimum clear width shall be 60 inches (1525 mm), measured parallel to the curb or edge of the vehicle roadway.

3. The slope of the pad parallel to the roadway shall be the same as the roadway. The slope of the pad perpendicular to the roadway shall not be steeper than 50:1.

4. Pads shall adjoin an accessible sidewalk.



RAMP REQUIREMENTS

1. Walking surfaces on accessible routes with a running slope steeper than 20:1 are ramps.

2. Ramp runs shall have a running slope not steeper than 12:1.
EXCEPTION: Ramps in or on existing buildings or facilities shall be permitted to have slopes steeper than 12:1 and shall comply with the following table where such slopes are necessitated by space limitations. A slope steeper than 8:1 shall not be permitted.

Table for Existing Sites, Buildings, and Facilities	
Slope	Maximum Rise
Steeper than 10:1 but not steeper than 8:1	3 inches (75 mm)
Steeper than 12:1 but not steeper than 10:1	6 inches (150 mm)

3. Cross slope of ramp runs shall not be steeper than 50:1.

4. Floor or ground surfaces of ramp runs shall be stable, firm, and slip resistant.

5. The clear width of a ramp run shall be 36 inches (915 mm) minimum measured between handrails.

6. The rise for any ramp run shall be 30 inches (760 mm) maximum.

7. Ramps shall have landings at bottom and top of each run. Landings shall comply with the following:

- Landings shall have a slope not steeper than 50:1.
- Clear width of landings shall be at least as wide as the widest ramp run leading to the landing.
- Landing length shall be 60 inches (1525 mm) minimum clear.
- Ramps that change direction at landings shall have a 60 inch (1525 mm) minimum by 60 inch (1525 mm) minimum landing.
- Where doorways are adjacent to a ramp landing, maneuvering clearances required by ANSI Sections 404.2.4 and 404.3.2 shall be permitted to overlap the landing area.

8. Ramps with a rise greater than 6 inches (150 mm) shall have handrails. Handrails shall not reduce the required clearances of a ramp run or landing.

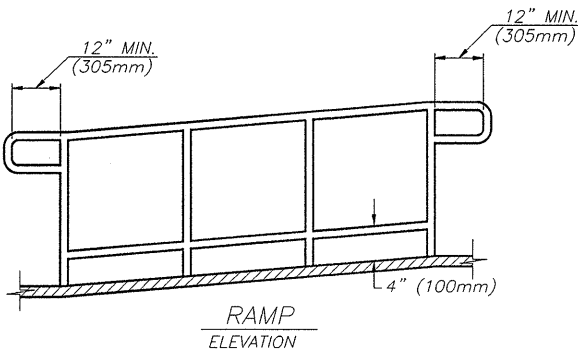
9. Edge protection shall be provided on each side of ramp runs and at each side of ramp landings.

EXCEPTIONS:

- Ramps not required to have handrails where side flares are provided.
- Sides of ramp landings serving an adjoining ramp run or stairway.
- Sides of ramp landings having a vertical drop-off of ½ inch (13 mm) maximum within 10 inches (255 mm) horizontally of the minimum landing area.

10. Edge protection may be provided by extending a floor or ground surface, of the ramp run or landing, 12 inches (305 mm) minimum beyond the inside face of a handrail or an edge protection curb or barrier shall be provided that prevents the passage of a 4-inch (100 mm) diameter sphere below a height of 4 inches (100 mm).

11. Outdoor ramps and approaches to ramps shall be designed so that water will not accumulate on walking surfaces.



NEW MEXICO STATE HIGHWAY
& TRANSPORTATION DEPARTMENT

PEDESTRIAN ACCESS DETAILS
ACCESSIBLE PARKING, PASSENGER LOADING,
BUS STOP AND RAMP REQUIREMENTS

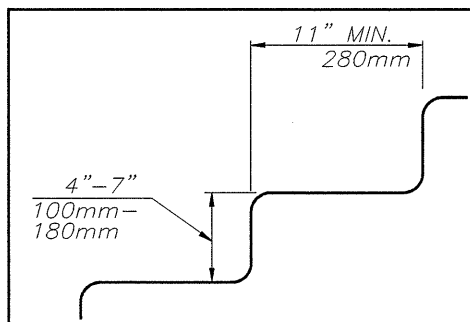
APPROVAL
RECOMMENDED *Robert D. Neal* 6/6/01
ENGINEER DATE

PAD-001

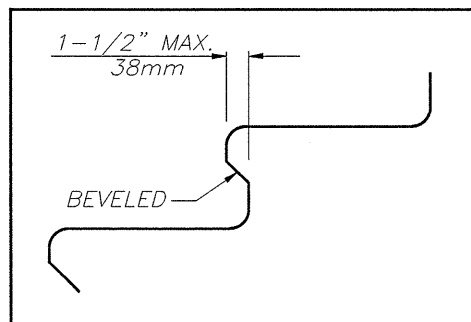
Sheet 6 of 7

STAIRWAY REQUIREMENTS

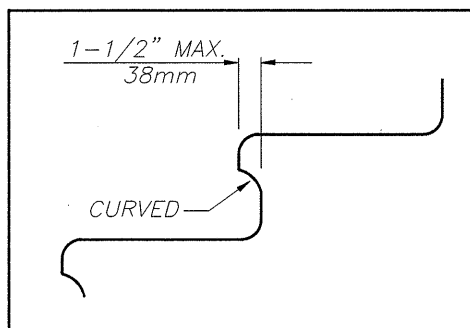
1. Stairways shall be 36 inches (915 mm) wide minimum between handrails.
2. All steps on a flight of stairs shall have uniform riser heights and uniform tread depth. Risers shall be 4 inches (100 mm) high minimum and 7 inches (180 mm) maximum. Treads shall be 11 inches (280 mm) deep minimum, measured from riser to riser.
3. Open risers shall not be permitted.
4. Stair treads shall be stable, firm, and slip resistant.
5. The radius of curvature at the leading edge of the tread shall be ½ inch (13 mm) maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall be 1 ½ inches (38 mm) maximum beyond the tread below.
6. Handrails shall be provided on both sides of stairs.
7. Outdoor stairs and outdoor approaches to stairs shall be designed so that water will not accumulate on walking surfaces.



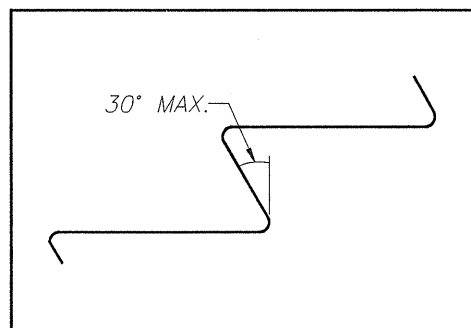
VERTICAL RISER



BEVELED NOSING



CURVED NOSING



ANGLED RISER

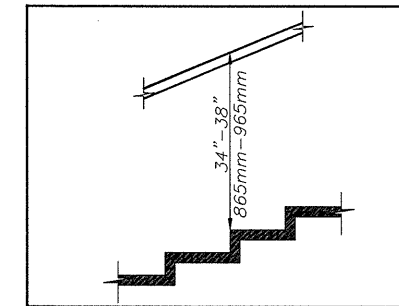
HANDRAIL REQUIREMENTS

1. Handrails shall be provided on both sides of stairs and ramps.
2. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switch back or dogleg stairs or ramps shall be continuous between flights or runs.
3. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above stair nosings and ramp surfaces. Handrails shall be at a consistent height above stair nosings and ramp surfaces.
4. Clear space between handrail and wall shall be 1½ inches (38 mm) minimum.
5. Gripping surfaces shall be continuous, without interruption by newel posts, other construction elements, or obstructions.
EXCEPTION:
Handrail brackets or balusters attached to the bottom surface of the handrail shall not be considered obstructions provided they comply with the following criteria:
 - a. not more than 20 percent of the handrail length is obstructed,
 - b. horizontal projections beyond the sides of the handrail occur 2½ inches (64 mm) minimum below the bottom of the handrail, and
 - c. edges have a 1/8 inch (3.2 mm) minimum radius.
6. Handrails shall have a circular cross section with an outside diameter of 1¼ inch (32 mm) minimum and 2 inches (51 mm) maximum, or shall provide equivalent graspability.
EXCEPTION: Handrails with other shapes shall be permitted provided they have a perimeter dimension of 4 inches (100 mm) minimum and 6 ¼ inches (160 mm) maximum, and provided their largest cross-section dimension is 2 ¼ inches (57 mm) maximum.
7. Handrails, and any wall or other surfaces adjacent to them, shall be free of any sharp or abrasive elements. Edges shall have 1/8 inch (3.2 mm) minimum radius.
8. Handrails shall not rotate within their fittings.
9. Handrails for stairs and ramps shall have extensions.
EXCEPTIONS:
 - a. Extensions are not required for continuous handrails at the inside turn of stairs and ramps.
 - b. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous or impossible due to plan configuration.

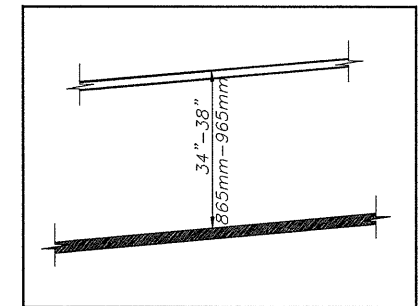
10. Ramp handrails shall extend horizontally 12 inches (305 mm) minimum beyond the top and bottom of ramp runs. Such extension shall return to a wall, guard, or the walking surface, or shall be continuous to the handrail of an adjacent ramp run.

11. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the first riser nosing. Such extension shall return to a wall, guard, or the walking surface, or shall be continuous to the handrail of an adjacent stair flight.

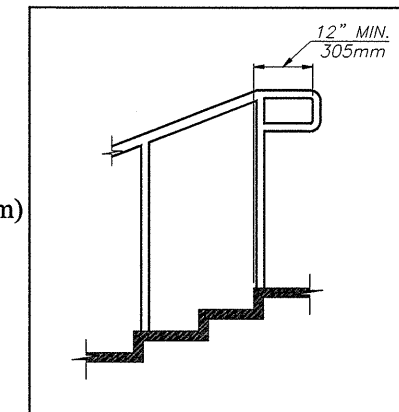
12. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the last riser nosing. Such extension shall continue with a horizontal extension or shall be continuous to the handrail of an adjacent stair flight or shall return to a wall, guard, or the walking surface. The horizontal extension of a handrail shall be 12 inches (305 mm) long minimum and a height equal to that of the sloping portion of the handrail as measured above the stair nosings. Such extension shall return to a wall, guard, or the walking surface, or shall be continuous to the handrail of an adjacent stair flight.



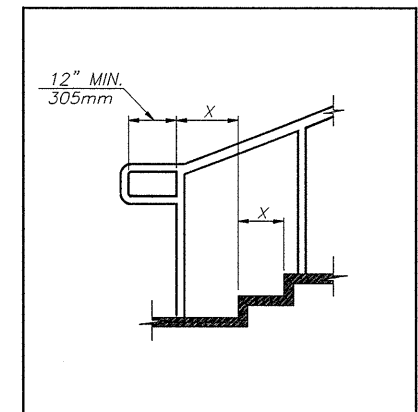
STAIR HANDRAIL HEIGHT



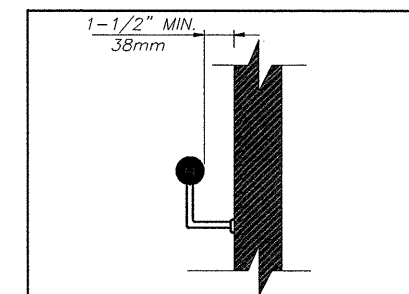
RAMP HANDRAIL HEIGHT



TOP HANDRAIL EXTENSION AT STAIRS



BOTTOM HANDRAIL EXTENSION AT STAIRS



HANDRAIL CLEARANCE

NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPARTMENT	
PEDESTRIAN ACCESS DETAILS STAIRWAY AND HANDRAIL REQUIREMENTS	
APPROVAL RECOMMENDED	Robert D. Pugh 6/6/01 ENGINEER DATE
PAD-001	Sheet 7 of 7