

The APPLICANT agrees to refill all breaks and openings in the manner provided for by Lower Moreland Township Ordinance No. 260 and all subsequent amendments and specifications approved by the Township Engineer.

The APPLICANT further agrees to file with this application a Certificate showing Liability Insurance is carried in the amount of \$250,000/\$500,000 and \$100,000 for Property Damage and to assume all liability for all and/or any damage which may result from the performance of the work done under the permit hereby applied for, and to protect and indemnify Lower Moreland Township against any loss or damage there from, as required by Section 5 of the Ordinance.

The APPLICANT further agrees to perform, fulfill and comply with all the terms, conditions and provisions of the Lower Moreland Township Ordinance No. 93, and any subsequent amendments, and all the rules and regulations of Lower Moreland Township.

Date

Applicant's Signature

Lower Moreland Township Right-of Way Permit Minimum Inspection Requirements

The following minimum inspections shall be performed by the Superintendent of Public Works or his designee. All work shall conform to Township's specifications unless otherwise indicated by the Township. Specifications are available at the Township Administration Office during regular business hours.

Preparation

After all forms and grade lines have been set with compacted subgrade, aggregate, re-bar, fabric and mesh in place.

Surface treatment

After surface treatment (concrete, wearing courses, etc.) has been provided.

Final

If applicable, a final inspection shall be performed after earthen over-dig areas have been restored and stabilization made. All roadway excavations shall have temporary materials removed and required paving and sealing in place.

Inspection notification

Inspection will be conducted Monday through Friday, excluding holidays, between the hours of 8:30AM and 3:00PM and shall be requested two (2) business days prior. Inspections can be scheduled by contacting the Township Administrative Office during normal business hours at 215-947-3100.

STORMWATER MANAGEMENT, CHAPTER 172

GRADING PERMITS – REGULATED:

1000 square feet and greater of impervious coverage	\$600
5000 square feet and greater of earth disturbance	\$600
Escrow Accounts – Deleted from fee schedule.	

LAND DISTURBANCE PERMITS:

< than 250 square feet of land disturbance or new impervious coverage	\$25
251 square feet to 999 square feet of land disturbance or new impervious coverage	\$50
1000 square feet to 4999 square feet of land disturbance	\$200

ZONING PERMITS:

Accessory/Minor Buildings and Structures **less than 1000 Square Feet.** For accessory minor buildings and structures with a building area of 1000 square feet or greater see Building permit fees:

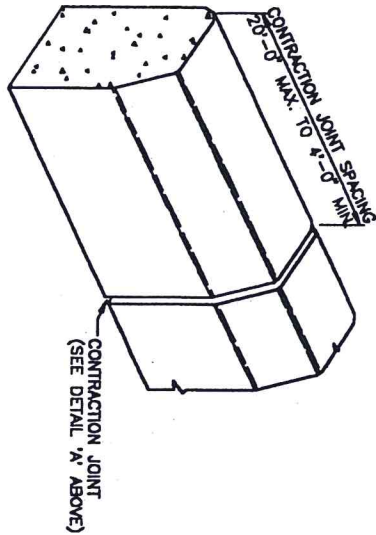
Each 100 square feet or fraction thereof	\$20
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Fences and decorative walls:

First \$1000 of cost	\$35
Each addition \$1000 of or fraction thereof	\$10

RIGHT OF WAY

Poles (new placement only)	\$10 per pole
Sidewalk, curb, and apron (new and repair/replacement)	\$20 p/each 10 linear feet
Opening, excavating, accessing, and tunneling (in street and right-of-way)	\$25



NOTES:

1. MATERIALS AND CONSTRUCTION SHALL MEET THE REQUIREMENTS OF PENNDOT PUBLICATION 408, SECTION 630 FOR PLAIN CEMENT CONCRETE CURB, SECTION 640 FOR PLAIN CEMENT CONCRETE GUTTER, AND SECTION 641 FOR PLAIN CEMENT CONCRETE CURB GUTTER.
2. CONTRACTION JOINTS SHALL BE SPACED IN UNIFORM LENGTHS OR SECTIONS.
3. PLACE $3/4"$ PREMOULDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS-SECTIONAL AREA OF CURB.

MINIMUM INSPECTION REQUIREMENTS

The following inspections shall be performed by the Superintendent of Public Works:

Preparation – After all forms and grade lines have been set with compacted subgrade, aggregate, re-bar or mesh in place.

Surface treatment – After surface treatment (concrete, wearing course, etc.) has been provided.

Final – If applicable, after over-dig areas have been restored, stabilized and sealed. This shall include roadway and lawn areas.

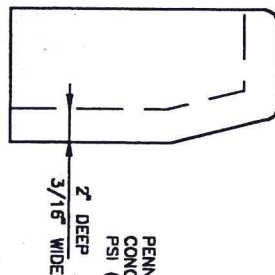
Inspections shall be requested **TWO (2)**

BUSINESS DAYS prior and will be conducted Monday through Friday, excluding holidays, between the hours of 8:30 A.M. to 3:00 P.M. Calls will be accepted Monday through Friday, excluding holidays, 8:30 A.M. to 4:00 P.M.

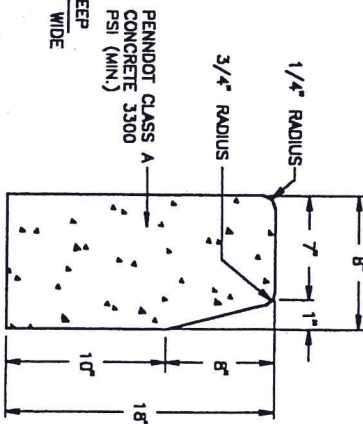
CEMENT CONCRETE CURB

Not to Scale

DETAIL A
CONTRACTION JOINT



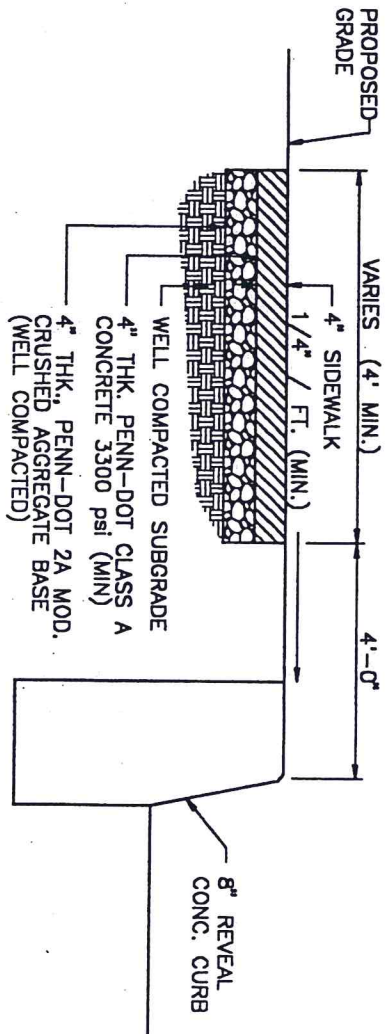
TYPICAL
CROSS SECTION



WOODROW & ASSOCIATES, INC.
MUNICIPAL/CIVIL CONSULTING ENGINEERS
1454 BETHLEHEM PIKE
NORTH WALES, PENNSYLVANIA 19454 (215) 542-5648

STANDARD DETAIL

SHEET NO.
of



NOTE: HANDICAP RAMPS SHALL BE CONSTRUCTED WITH A MAXIMUM GRADE OF 12:1 (12 HORIZONTAL TO 1 VERTICAL (8.33%).

CONCRETE SIDEWALK DETAIL

Not to Scale

MINIMUM INSPECTION REQUIREMENTS

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Inspections shall be requested **TWO (2)**

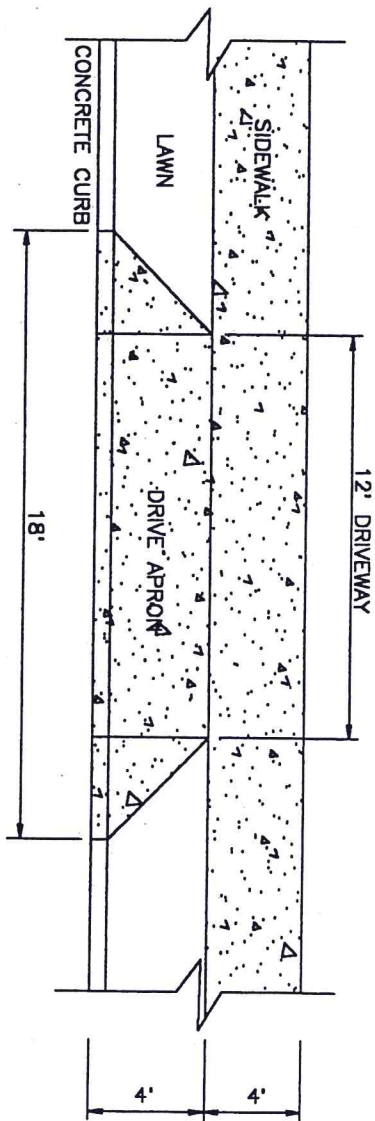
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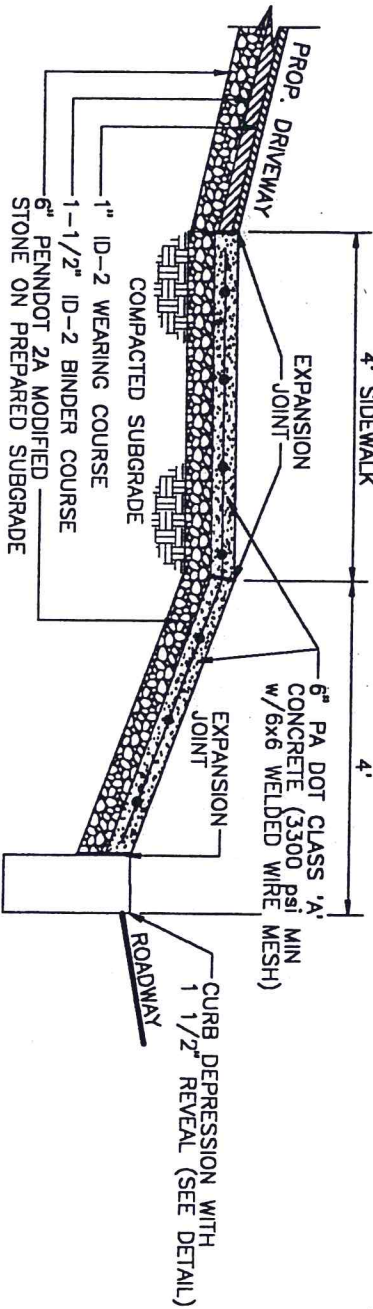
WOODROW & ASSOCIATES, INC.
MUNICIPAL/CIVIL CONSULTING ENGINEERS
1454 BETHLEHEM PIKE
NORTH WALES, PENNSYLVANIA 19454 (215) 542-5648

STANDARD DETAIL

SHEET NO.
of



PLAN VIEW



SECTION VIEW

DRIVEWAY PAVING APRON DETAIL

Not to Scale

MINIMUM INSPECTION REQUIREMENTS

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Inspections shall be requested **TWO (2)**

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Monday through Friday, excluding holidays,

between the hours of 8:30 A.M to 3:00 P.M. Calls

will be accepted Monday through Friday, excluding holidays,

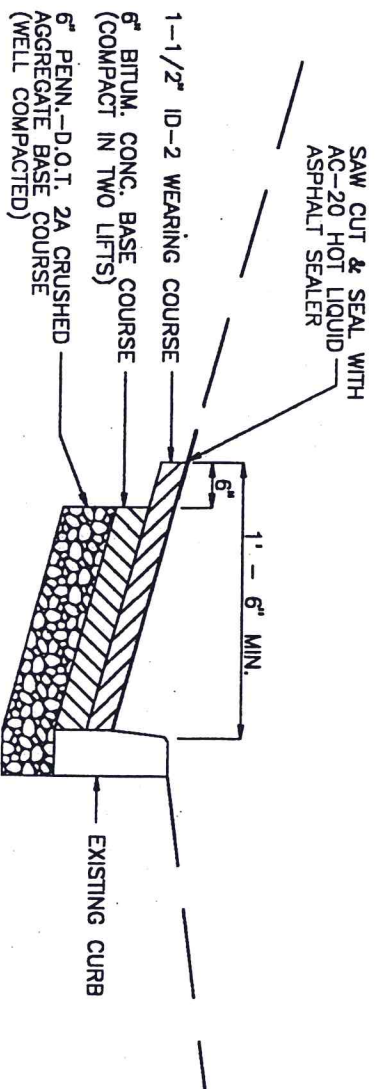
8:30 A.M to 4:00 P.M.



WOODROW & ASSOCIATES, INC.
MUNICIPAL/CIVIL CONSULTING ENGINEERS
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NORTH WALES, PENNSYLVANIA 19454 (215) 542-5648

STANDARD DETAIL

SHEET NO.
of



CONSTRUCTION SEQUENCE

- 1 - OBTAIN TOWNSHIP APPROVAL
- 2 - INSTITUTE TRAFFIC CONTROLS
- 3 - SAW CUT EXISTING PAVING
- 4 - REMOVE CURB PAVING (10 L.F. MIN. REPLACEMENT)
- 5 - SET FORMS TO MATCH ADJUSTED CURB GRADES
- 6 - REVIEW INSPECTION
- 7 - POUR CONCRETE
- 8 - INSTALL NEW PAVING
- 9 - HOT SEAL JOINT
- 10 - REPLACE TOPSOIL BEHIND CURB
- 11 - RE-ESTABLISH TURF

CURB REPAIR ALONG EXISTING ROADWAY

Not to Scale

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between the hours of 8:30 A.M to 3:00 P.M. Calls will be accepted Monday through Friday, excluding holidays, 8:30 A.M to 4:00 P.M.

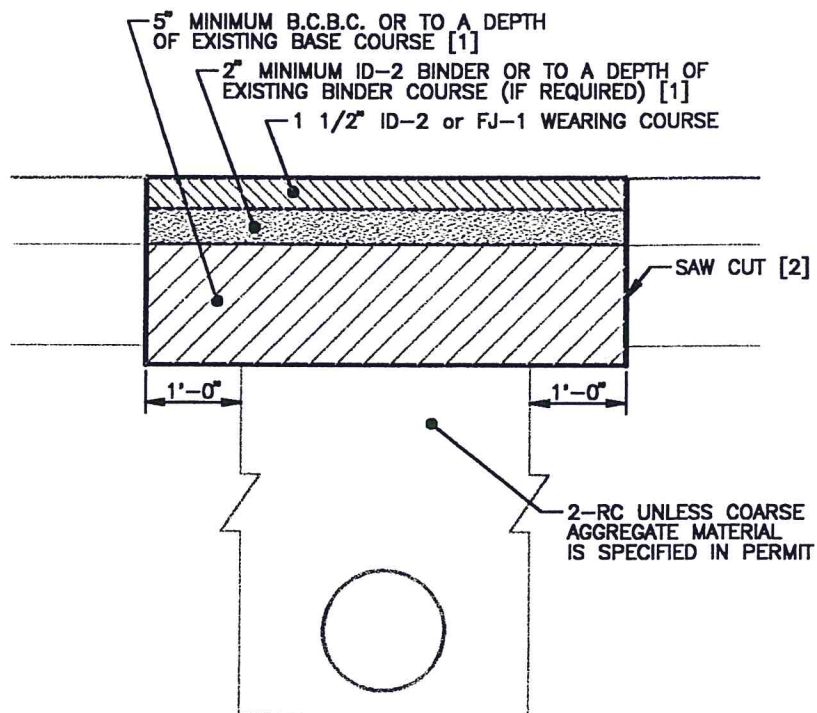
NOTE:
FOR COMBINATION CURB and GUTTER USE
SAME PROCEDURE TO MATCH ADJACENT



WOODROW & ASSOCIATES, INC.
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1454 BETHLEHEM PIKE
NORTH WALES, PENNSYLVANIA 19454 (215) 542-5648

STANDARD DETAIL

SHEET NO.
of



[1] MAINTAIN WHICHEVER DEPTH IS GREATER

[2] EXPOSED VERTICAL AND HORIZONTAL SURFACES SHALL BE PREPARED AS PER Pub. 408, Sect. 401.3(f)

FLEXIBLE PAVEMENT RESTORATION

Not To Scale

PAVING, CROSS-SECTIONS and RESTORATION DETAILS

FLEXIBLE PAVEMENT RESTORATION



WOODROW & ASSOCIATES, INC.
MUNICIPAL / CIVIL CONSULTING ENGINEERS
1454 BETHLEHEM PIKE - NORTH WALES - PA 19454
(215) 542-5647 Voice (215) 542-5679 Fax

FILE NAME:

501.blk

DETAIL No.:

501

DRAWN BY:

J.H.K.

DESIGNED BY:

J.H.K.

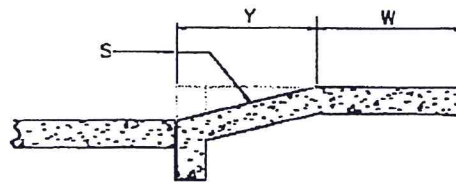
SCALE:

N.T.S.

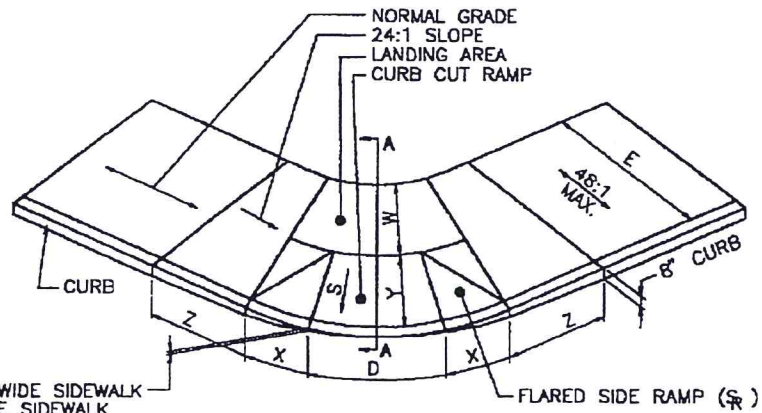
DRAWING DATE:

07/11/00

REVISIONS



SECTION A-A



HEIGHT: 3" FOR 5' WIDE SIDEWALK
OR 8" FOR 12' WIDE SIDEWALK

RISE OF RAMP	D	E	L	S	SR	W	X	Y	Z
3"	3'-0"	5'-0"	3'-0"	8:1	12:1	3'-0"	3'-0"	2'-0"	10'-0"
3"	3'-0"	6'-0"	3'-0"	10:1	12:1	3'-6"	3'-0"	2'-6"	10'-0"
3"	3'-0"	7'-0"	3'-0"	12:1	12:1	4'-0"	3'-0"	3'-0"	10'-0"
4"	4'-0"	8'-0"	2'-0"	12:1	10:1	4'-0"	3'-6"	4'-0"	8'-0"
5"	4'-0"	9'-0"	-----	12:1	10:1	4'-0"	4'-0"	5'-0"	6'-0"
6"	4'-0"	10'-0"	-----	12:1	10:1	4'-0"	5'-0"	6'-0"	4'-0"
7"	4'-0"	11'-0"	-----	12:1	10:1	4'-0"	6'-0"	7'-0"	2'-0"
8"	4'-0"	12'-0"	-----	12:1	10:1	4'-0"	7'-0"	8'-0"	-----

(W&A DETAIL #100)
HANDICAP RAMP DETAIL
Not to Scale

CURB DETAILS

HANDICAP RAMP DETAIL

WOODROW & ASSOCIATES, INC.



NOT TO SCALE

DRAWN BY:

J.H.K.

DESIGNED BY:

J.H.K.

DRAWING DATE:

2/18/98

FILE NAME:

100.BLK

DETAIL No.:

100