

TOWNSHIP OF NEW BRITAIN

Bucks County, Pennsylvania
Founded: 1723

BOARD OF SUPERVISORS

Eileen M. Bradley
Township Manager

Helen B. Haun
John A. Bodden, Sr.
William B. Jones, III
A. James Scanzillo
Gregory T. Hood

ROAD OPENING PERMIT APPLICATION

Office Use Only

Date Received: _____ Date Issued: _____
(Township Official's Initials)

Important

Applicant To Complete All Items

Identification

1. Proposed Work At: _____ Lot# _____
(Streets and Street Name) (If development, give Lot #)

2. Tax Parcel Number: _____

3. Name of Applicant: _____

Address: _____

City: _____ Zip: _____

Phone(H): _____ Phone(W): _____

4. Name of Owner: _____

Mailing Address: _____

City: _____ State _____ Zip: _____

Phone(H): _____ Phone(W): _____

5. Name of Contractor: _____

Address: _____

City: _____ Zip: _____

Phone: _____ Other Phone: _____

Road Open Information

[] New Driveway [] Relocation [] OTHER: _____

Please continue on the reverse side

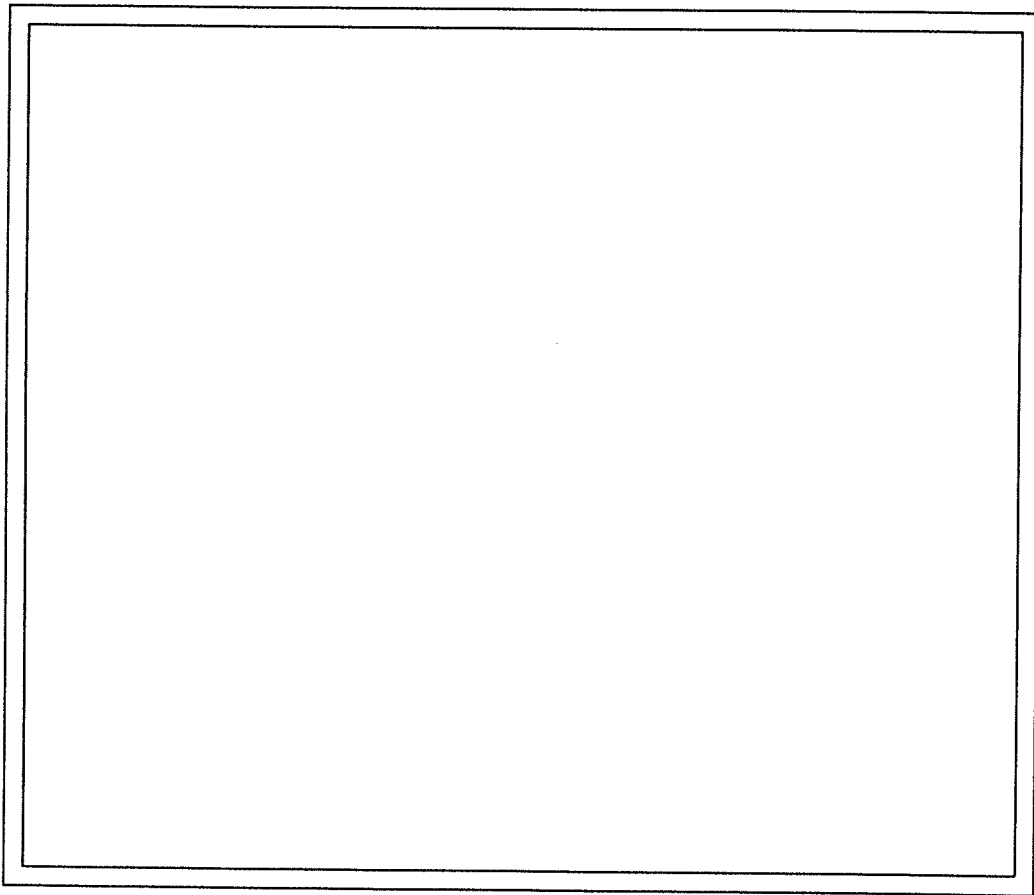
DESCRIPTION OF WORK: (if more space is needed, attach additional sheets)

The applicant shall submit a general description of the proposed work and a list of materials for construction.

PLOT PLAN:

The applicant shall clearly identify the location of the construction. Also, a sketch indicating width and type of surface must be submitted with this application. ALL NEW DRIVEWAYS MUST BE PAVED AT LEAST FROM THE EXISTING ROAD TO THE R.O.W. LINE.

Plot Plan
For Applicants Use



I hereby certify that the proposed work is authorized by the owner of record, and that I have been authorized by the owner to make this application as his/her authorized agent and that we agree to comply with all Township requirements for the above referenced work and understand that this is an application only, and that no work may begin until the actual permit for work issued by the Township.

Signature of Applicant _____ Date _____

New Britain Township Concrete Checklist for Sidewal, Curb, and Driveway Apron and Depressions

Check off work to be completed and submit with permit application

Final Inspections must be scheduled 24 hours prior to puring concrete.

Weekend pours are NOT permitted.

Concrete pours shall take place between 9:30am and 11:30 unless otherwise approved by Township.

No staging or storing of construction materials in the the street is permitted without approval.

All streets are to be kept clean of all cosntruction debris.

Lighted barricades, reflective cones and caution tape are required around all work areas.

**Please reference Detailed Concrete Specifications and Curb, Sidewalk, Apon details.*

Closed Permit Requirements

PA One Calls are required before construction begins for Excavation 12" or more.

Concrete to be used is PA DOT Class A (3,500 psi).

Copies of material tickets are to be supplied to the inspector.

Final inspection after all work is completed.

Curb Work

Best quality steel or wood forms are to be used.

Control Joints are to be placed every 10 feet.

Curb shall be dowl pinned into inlets. Two #6 rebars centered vertically.

Depression Curb shall have Two #6 rebars placed at midpoint of depressed curb per specs.

6 Inches to 2 foot saw cut minimum in roadway to allow for compaction.

Backfill: 6" compacted 2A modified stone, 4" of 19mm base course, 2" 9.5mm superpave wearing course.

3/4" Expansion material to be placed every 50 feet full depth. It shall be placed bewteen the depressed curb and the apron.

Sidewalk Work

4 inches 2B clean stone to be placed and compacted under sidewalk with a vibrator compacter.

4 inches of sidewalk is required.

1/2" Expansion material to be palced every 30 feet and transitions from 4" to 6" (driveway apron).

1/2" Expansion material to be placed where existing pavement or sidewalk meets proposed sidewalk.

1/8" wide x 1" deep transverse dummy joint placed every 4 to 5 feet to match what currently exists.

Non-slip surface texture shall be broomed transverse to the slope of the sidewalk.

Apron Work

6 inches of 2B clean stone to be placed under apron and apron sidewalk and compacted with vibrator.

6 inches of PennDOT Class "A" (3,500 psi) concrete is required at

1 layer of WWF 6x6 W2xW2 to be placed in the apron and apron sidewalk

Contractor Name: _____

Date: _____

Signature: _____

Site Address: _____

At final Inspection:

Township Sign Off: _____

Date: _____

Addendum to Construction Permit

The applicant for the construction permit, pursuant PA Act 44 of 1993, submits:

- () Certificate of Insurance – complete Sections I, III, & IV
- () Certificate of Self-Insurance – complete Sections I, III, & IV.
- () Affidavit of Exemption – complete Sections II, III, & IV.

- I. Attach the certificate of Insurance of Certificate of Self-insurance as proof of Worker's Compensation. The municipality must be named as the "Certificate Holder". Please complete the following:

Name of Insurer _____

Address _____

City _____ State _____ Zip _____

Policy number _____ Expiration date _____

Name of Policyholder (Contractor) _____

Address _____

City _____ State _____ Zip _____

Federal or State employer identification number _____

1. This policy provides coverage for the requirements of the Worker's Compensation Act, the Occupational Disease Act, and where applicable, the Federal Longshore and Harbor Worker's Compensation Act.
2. The insurer has been notified that the municipality issuing the permit is to be named as a certificate holder.
3. Any subcontractors used on this project will be required to have Worker's Compensation Coverage.
4. The contractor/policyholder will notify the municipality of any change in status, cancellation or expiration of the policy.
5. Violation of the Worker's Compensation Act will result in the issuance of a "stop-work" order and/or any remedies allowed by law

II. If an exemption is claimed, complete the following:

Basis for exemption (check one)

- Applicant is an individual who owns the property.
 - Contractor is a sole proprietorship without employees.
 - Contractor/Applicant is a corporation, and employees working on the project qualify as "executive employees" under section 104 of the Worker's Compensation Act.
 - All of the contractor's employees are exempt on religious grounds under section 304.2 of the Worker's Compensation Act (attach an explanatory sheet).
 - Other. (Attach an explanatory sheet)
1. Any subcontractors used on this project are required to carry Worker's Compensation Insurance.
 2. The Applicant is not permitted to employ any individual to perform work on this project in violation of the act.
 3. Violation of the Worker's Compensation Act will result in the issuance of a "stop-work" order and/or any remedies available to the municipality.

II. Name of applicant _____

Address _____

City _____ State _____ Zip _____

My signature on behalf of or as the contractor/applicant constitutes my verification that the statements contained here are accurate and true, otherwise I am subject to penalties of 18 Pa. C.S.A. 4904 relating to un-sworn falsifications to authorities.

IV.

Signature

Title

Print Name

Company Name

ORDINANCE NO. 2002-05-03

AN ORDINANCE OF NEW BRITAIN TOWNSHIP, BUCKS COUNTY, PENNSYLVANIA, ESTABLISHING STANDARDS FOR CONSTRUCTION OF DRIVEWAYS AND INSTALLATION OF UTILITIES WITHIN STREET RIGHTS-OF-WAY.

BE IT ENACTED AND ORDAINED by the Board of Supervisors of New Britain Township, Bucks Township, Pennsylvania, as follows:

SECTION 1. PURPOSE

In accordance with the provisions of Section 2322 of The Second Class Township Code, Act 60 of 1995, as amended, no railroad or street railway shall be constructed upon any Township road, nor shall any railroad or street railway crossings, driveway connections, gas pipes, water pipes, electric conduits, or other piping, be laid upon or in, nor shall any telephone, telegraph, or electric light or power poles or any coal tipples, or any other obstructions be erected upon or in any portion of a Township road except under conditions, restrictions and regulations specified in permits granted by the Township for that purpose.

SECTION 2. APPLICABILITY

No person, firm, corporation, or other entity within the Township shall construct a driveway or install a utility within a street right-of-way, except as permitted by this Ordinance.

SECTION 3. PERMIT PROCEDURES

- A. A permit must be acquired from New Britain Township for any work within a Township right-of-way and from the Pennsylvania Department of Transportation (PennDOT) for any work within a State right-of-way where such work involves construction or alteration of a driveway, or installation of utility or other structures.
- B. An application for a driveway permit shall be submitted in the name of the owner or equitable owner of the property.
- C. An application for a road opening permit for utility installation must be submitted in the name of the owner or operator of the facility.
- D. Forms, plans and fees shall be submitted in accordance with regulations and procedures adopted by either New Britain Township, or PennDOT, for work in Township or State rights-of-way, respectively. The applications fees for work

within Township rights-of-way shall be specified in the schedule of fees adopted by resolution by the Board of Supervisors.

SECTION 4. REGULATIONS AND STANDARDS

- A. This Ordinance represents minimum requirements of certain types of activities within Township or State rights-of-way. Activities associated with approved Subdivisions or Land Developments shall be subject to any additional requirements of the final plans as approved by New Britain Township and/or PennDOT. Any activity not regulated by the Subdivision and Land Development Ordinance of New Britain Township shall be regulated by requirements of these rules and regulations.

- B. A drainage control plan and analysis shall be submitted whenever an increase in flow of water into a street or into existing drainage facilities will result from the proposed activity. The design of all drainage facilities shall be based on the Rational Method, as determined by the PennDOT Design Manual, Part 2, as amended, and the U.S. Department of Commerce, Hydraulic Design Series No. 5, Hydraulic Design of Highway Culverts, as amended.

- C. All construction work, structures, paving and facilities shall conform to the design standards of PennDOT Publications 408 and 72 (Road Construction Standards), as amended. Work shall be done at such time, and in such a manner, as shall be consistent with the safety of the public. Any work within Township or State rights-of-way shall conform to all requirements and standards of PennDOT, except as otherwise supplemented or modified by these rules and regulations. In the event regulations conflict, the most stringent regulations shall apply. If, at any time, it is found the work is not being done or has not been properly performed, the permittee, upon being notified in writing by either the Township or PennDOT, may immediately take the necessary steps, at its own expense, to replace the work in a condition to conform to such requirements or standards. In case any dispute arises between the permittee and the representative of the owner of the right-of-way, the owner's representative shall have the authority to suspend work until the question at issue can be decided by the Township and/or State.

- D. The following PennDOT provisions shall regulate the occupancy of all Township and State rights-of-way, unless otherwise required by an approved subdivision or land development plan, the Township Engineer or PennDOT officials:
 - 1. Pennsylvania Code: Title 67 Transportation, Chapter 441 Access and Occupancy of Highways by Driveways and Local Roads, as amended.
 - 2. Pennsylvania Code: Title 67 Transportation, Chapter 459 Occupancy of Highways by Utilities, as amended.

- E. A traffic control plan must be submitted to either close any portion of a travel lane during construction, during the hours of darkness when no active work is in progress, or to detour traffic in order to perform the permitted work. All plans

shall conform with Section 6123 of the Motor Vehicle Code, as amended, and the applicable provisions of Pennsylvania Code: Title 67 Transportation, Chapter 203, as amended.

SECTION 5. DRIVEWAY CONSTRUCTION REQUIREMENTS

- A. Driveways shall be located at least 40 feet from street intersections, measured from the centerline of the driveway to the point of intersection of the street ultimate right-of-way lines (extended). When streets of different classifications are involved, driveways shall provide access to the street of lesser classification.
- B. Driveways shall be provided with a stopping area of 20 feet, at a maximum grade of 3%, measured from the edge of cartway. In order to provide access for emergency vehicles, the maximum centerline grade for any portion of the driveway shall not exceed 8% and the maximum change in grade shall not exceed 6%.
- C. Driveways shall be paved for a minimum of 50 feet from the edge of the street or to the ultimate right-of-way, whichever is greater. The pavement construction shall be in accordance with the attached construction detail. In the event additional width or a supplemental thickness is required by other rules and regulations of the Township or PennDOT, or as may be necessitated by site conditions, these minimum requirements shall be increased appropriately.
- D. Driveways shall have a minimum radius of curvature at the street intersection of 10 feet.
- E. A minimum distance of 5 feet shall be maintained between the driveway, and the side lot lines.
- F. Driveways shall have a minimum turnaround area of 10 feet by 20 feet.
- G. A 50-foot clear sight triangle must be provided for all driveways, measured from the point of intersection of the street right-of-way line and edge of the driveway. The site plan shall contain a notation that states that the applicant is required to maintain the area of the clear sight triangle and the Township has the right to enter and perform required maintenance in the area if deemed critical to public welfare.
- H. Sight distances for all driveways shall comply with Pennsylvania Code: Title 67 Transportation, Chapter 441 Access and Occupancy of Highways by Driveways and Local Roads
- I. When a sidewalk is proposed across a driveway, a concrete apron shall be installed in accordance with the attached construction detail. When a curb is proposed along a driveway, depressed curb shall be installed in accordance with the attached construction detail.

- J. A 15" RCP culvert, or equivalent size, shall be provided for all driveways. The minimum culvert length shall be 24 feet, with flared end sections or endwalls. Where an existing roadside drainage swale is too shallow to permit installation of a driveway culvert, a concrete trench box with grate may be utilized upon approval of the Township.
- K. Any associated grading, curb or sidewalk installation, located within the street right-of-way, shall be in accordance with the design standards of the Township's Subdivision and Land Development Ordinance, as amended.

SECTION 6. UTILITY INSTALLATION REQUIREMENTS

All utility installation and pavement trench restoration shall be in accordance with the attached construction details.

SECTION 7. MAINTENANCE PERIOD

Upon completion of the work authorized by the permit, the Township shall inspect the work and when necessary, enforce compliance with the conditions, restrictions and regulations prescribed by the Township. In addition to such inspection, the Township may reinspect the work not more than two (2) years after its completion, and if any settlement of the road surface or other defects shall appear in the work contrary to the conditions, restrictions and regulations of the Township, it may enforce compliance therewith. If the Applicant shall fails to rectify a defect which presents an immediate or imminent safety or health problem in 48 hours or any other defect within sixty (60) days after written notice from the Board of Supervisors to do so, the Board of Supervisors or its agents may do the work and impose upon the Applicant the costs thereof together with an additional 20% of the costs, which may be recovered by a civil action in the Court of Common Pleas of Bucks County.

SECTION 8. PENALTIES

Any person, firm, corporation or utility who violates or permits the violation of this Ordinance shall, upon being found liable in a civil enforcement proceeding commenced by the Township, pay a fine of \$600.00, plus all court costs, including reasonable attorney's fees incurred by the Township.

SECTION 9. REPEALER.

All ordinances or parts of ordinances which are inconsistent herewith are hereby repealed. Ordinance No. 97-11-1 is hereby repealed.

SECTION 10. SEVERABILITY

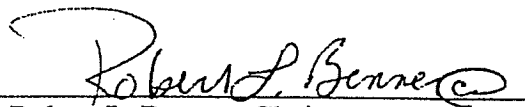
If any sentence clause, section or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or parts of this Ordinance. It is hereby declared as the intent of the New Britain Township Board of Supervisors that this Ordinance would have been adopted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included herein.

SECTION 11. EFFECTIVE DATE.

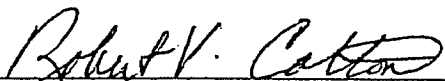
This Ordinance shall be effective five (5) days after enactment.

ENACTED AND ORDAINED this 20th day of May A.D., 2002.


NEW BRITAIN TOWNSHIP
BOARD OF SUPERVISORS



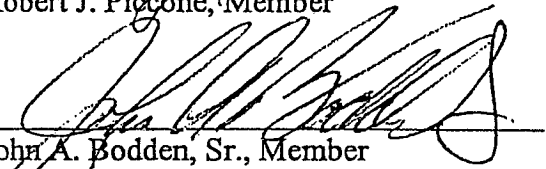
Dr. Robert L. Benner, Chairman



Robert V. Cotton, Vice-Chairman



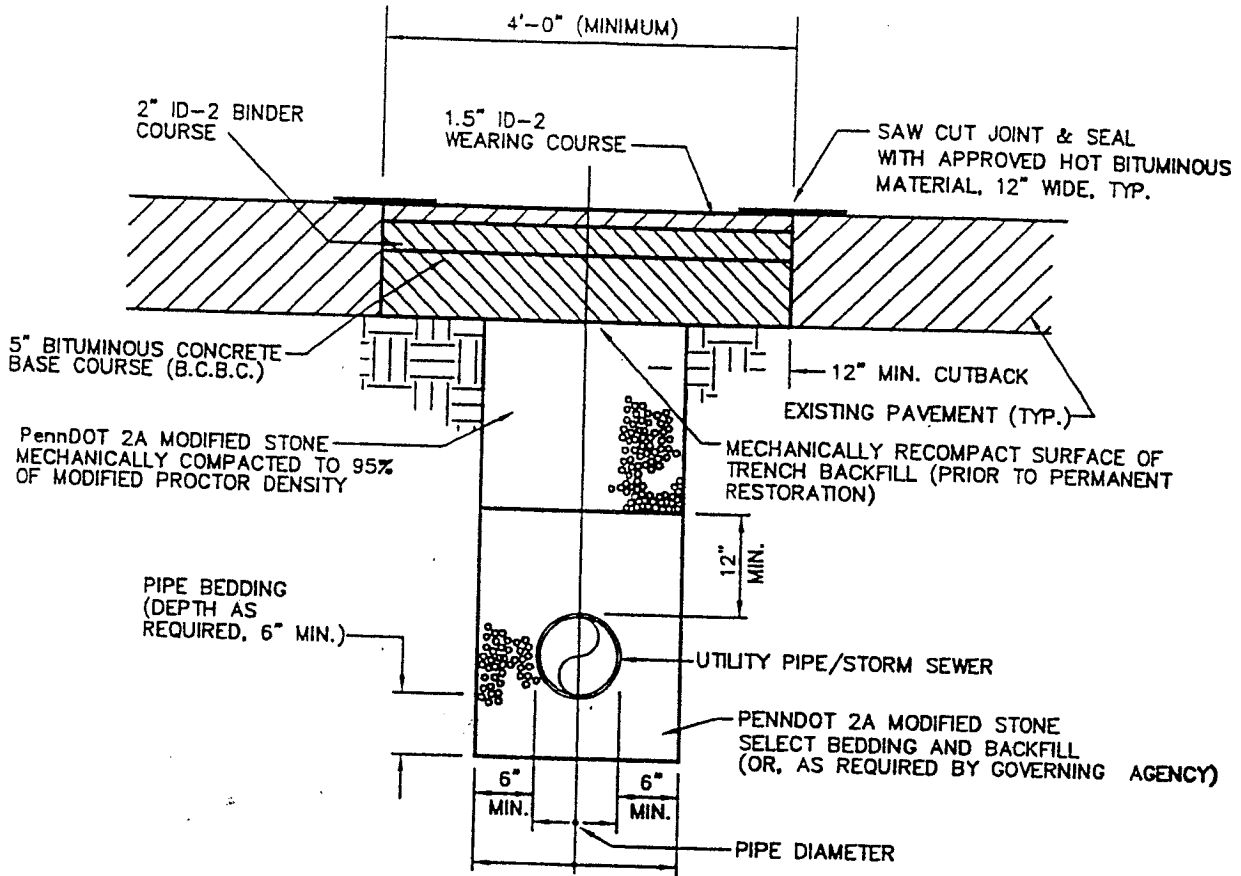
Robert J. Piccone, Member



John A. Bodden, Sr., Member



Helen B. Haun, Member



AFTER 90 DAYS RESTORATION

NOTES:

1. BEFORE 90 DAYS, ROADS SHALL BE TEMPORARILY RESTORED WITH 2A COURSE AGGREGATE AND 2" OF PennDOT ID-2 BINDER COURSE (TO GRADE) AND ALLOWED TO SETTLE 90 DAYS PRIOR TO PERMANENT RESTORATION, AS SHOWN ABOVE. PERMANENT RESTORATION OF TRENCHES SHALL BE COMPLETED ONLY AFTER APPROVAL BY THE TOWNSHIP ENGINEER.
2. RETAINED SUITABLE MATERIAL MAY BE USED AS BACKFILL FOR TRENCHES IN TOWNSHIP RIGHT-OF-WAY (OUTSIDE OF CARTWAY) WHEN MORE THAN THREE (3) FEET FROM EDGE OF EXISTING CARTWAY, CURB, AND/OR SIDEWALK.
3. MINIMUM WIDTH OF ALL RESTORATION SHALL BE FOUR (4) FEET.
4. COLD PATCH SHALL BE APPLIED ON ALL TRENCH RESTORATIONS (PRIOR TO 90 DAYS) WHEN B.C.B.C./ID-2 BINDER COURSE ARE NOT AVAILABLE DUE TO WEATHER CONDITIONS.

03370GRC



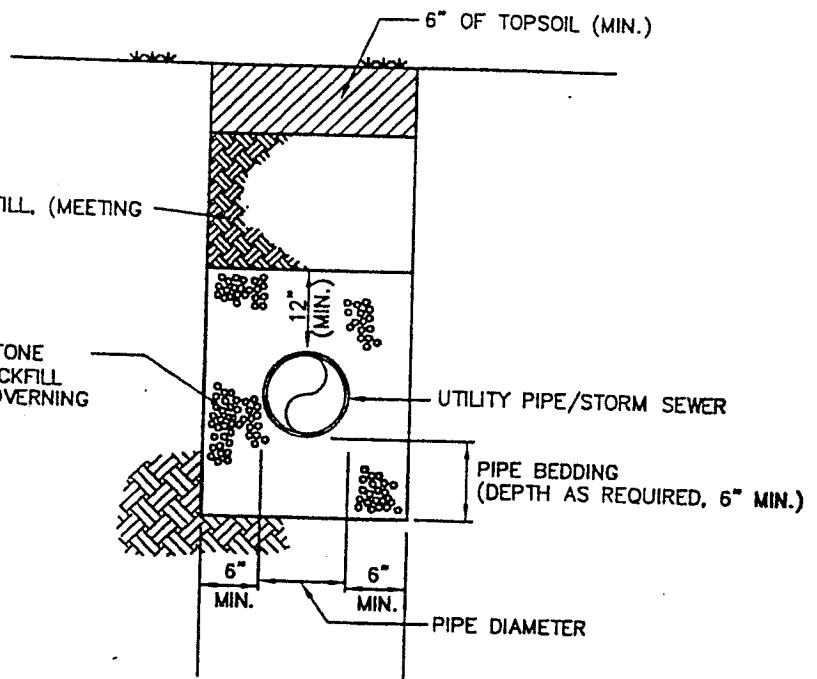
CARROLL ENGINEERING CORPORATION
 949 EASTON ROAD
 SUITE 100
 WARRINGTON, PA 18976

STORM SEWER & UTILITY TRENCH RESTORATION WITHIN PAVED AREAS

SCALE	DATE	DRAWING NO.	LATEST REVISION DATE
N.T.S.	5/20/02	4 OF 15	

SUITABLE SUB-SOIL BACKFILL, (MEETING TOWNSHIP REQUIREMENTS) MECHANICALLY COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY

PENNDOT 2A MODIFIED STONE SELECT BEDDING AND BACKFILL (OR, AS REQUIRED BY GOVERNING AGENCY)



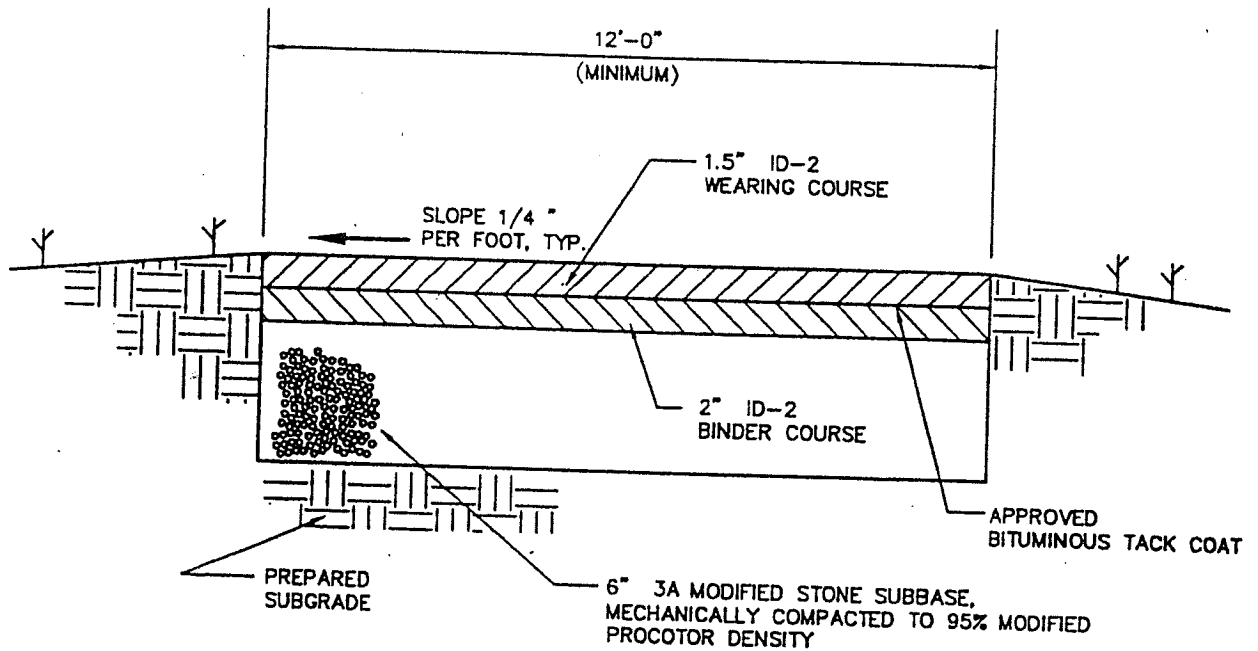
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CARROLL ENGINEERING CORPORATION
 949 EASTON ROAD
 SUITE 100
 WARRINGTON, PA 18976

**STORM SEWER & UTILITY TRENCH RESTORATION
 WITHIN PERVIOUS AREAS**

SCALE	DATE	DRAWING NO.	LATEST REVISION DATE
N.T.S.	5/20/02	5 OF 15	



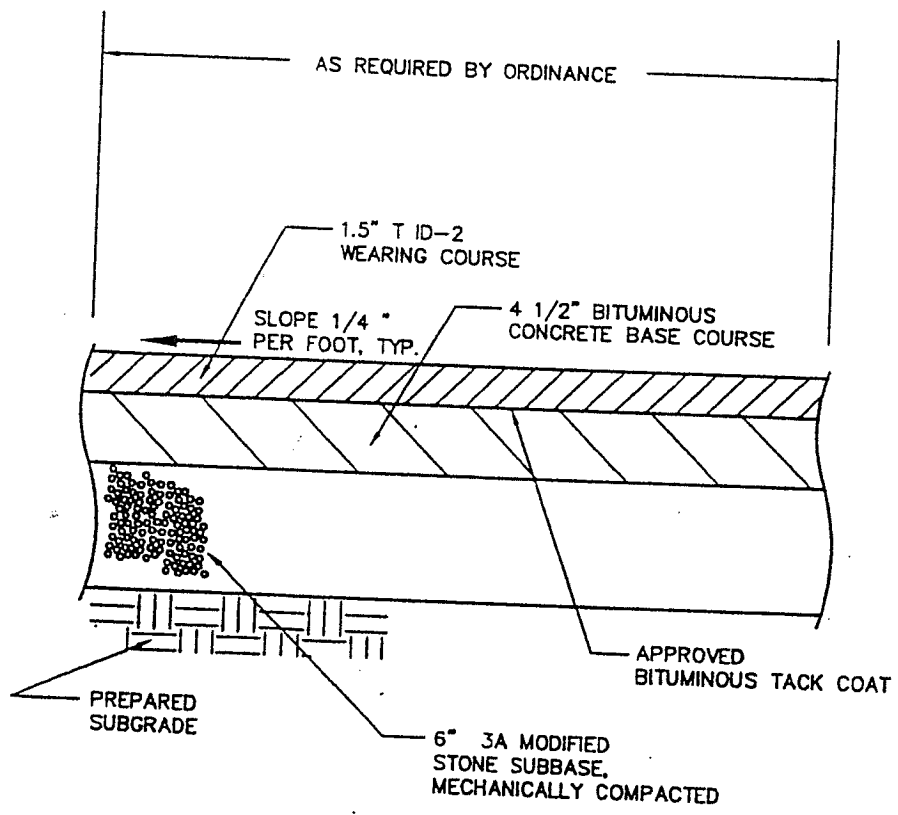
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CARROLL ENGINEERING CORPORATION
 949 EASTON ROAD
 SUITE 100
 WARRINGTON, PA 18976

RESIDENTIAL DRIVEWAY
 PAVING SECTION

SCALE	DATE	DRAWING NO.	LATEST REVISION DATE
N.T.S.	5/20/02	6 OF 15	



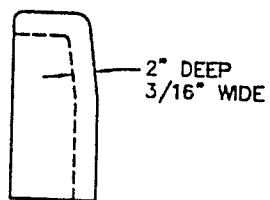
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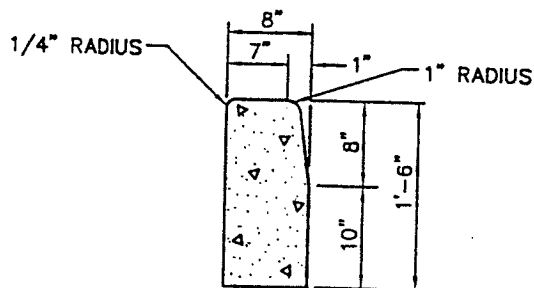
CARROLL ENGINEERING CORPORATION
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 SUITE 100
 WARRINGTON, PA 18976

NON-RESIDENTIAL AND MULTI-RESIDENTIAL
 DRIVEWAYS, PARKING AREAS AND LOADING
 AREAS - PAVING SECTION

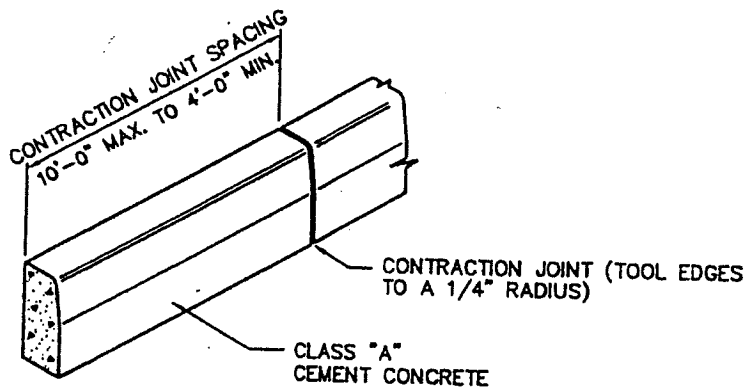
SCALE	DATE	DRAWING NO.	LATEST REVISION DATE
N.T.S.	5/20/02	7 OF 15	



CONTRACTION JOINT



TYPICAL CROSS SECTION



NOTES:

1. PLACE 1/2" PREMOLDED EXPANSION JOINT MATERIAL EVERY 50 FEET (MAX.) AND AT ALL DRIVEWAYS (DEPRESSED CURB CUTS), INLETS AND CURB RADII.
2. MINIMUM 2-# 6 REINFORCING BARS PER SIDE WHERE CURB ABUTS INLET HOODS, INCLUDING PREMOLDED EXPANSION JOINT MATERIAL.
3. WHERE CURB ARE INSTALLED BY A MACHINE, SAW CUTS SHALL BE 2" DEEP, EVERY 10 FEET.

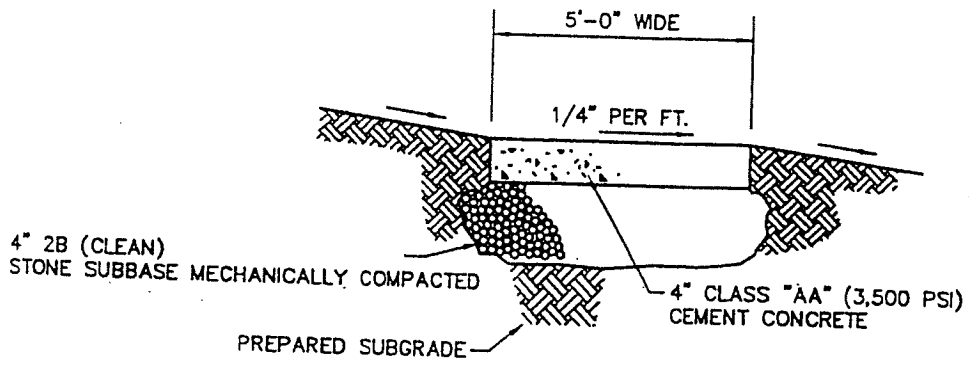
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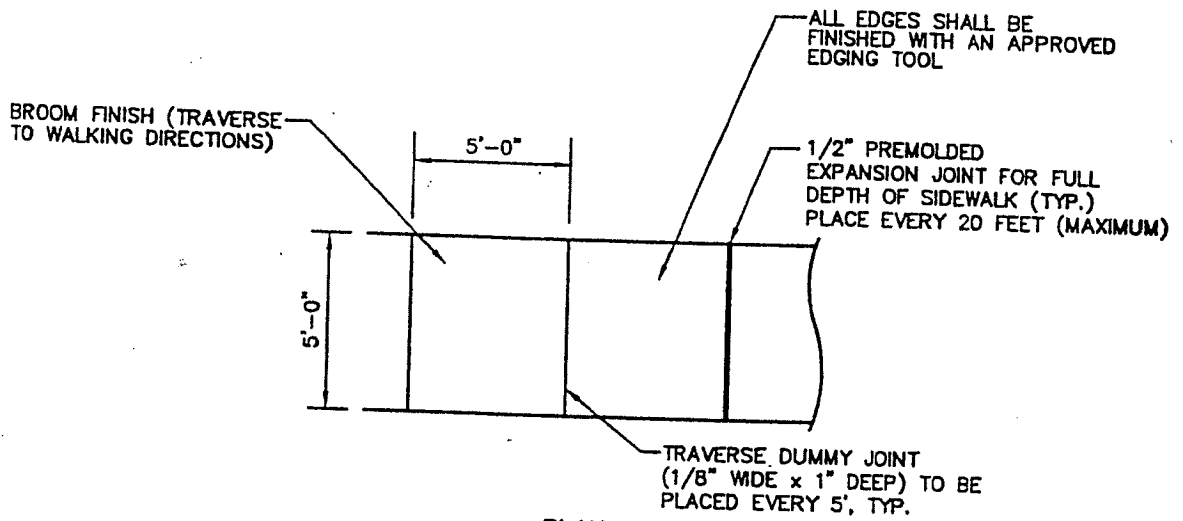
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PLAIN CEMENT CONCRETE CURB

SCALE	DATE	DRAWING NO.	LATEST REVISION DATE
N.T.S.	5/20/02	8 OF 15	



SECTION



PLAN

NOTE: WITH ALL PROPOSED SIDEWALK, A NON-SLIP SURFACE TEXTURE SHALL BE BROOMED TRAVERSE TO THE SLOPE OF THE SIDE WALK.

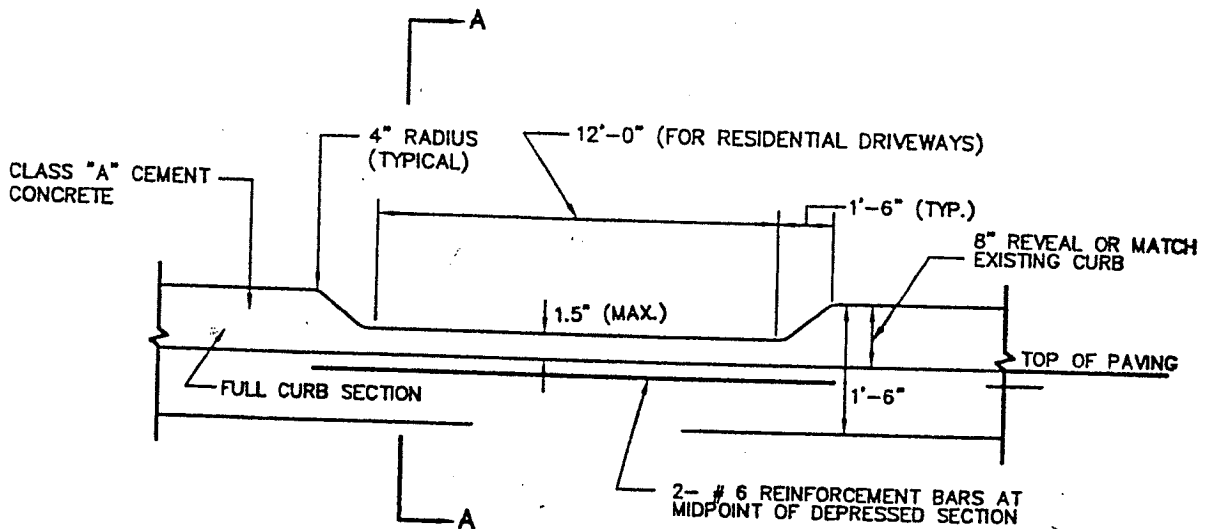
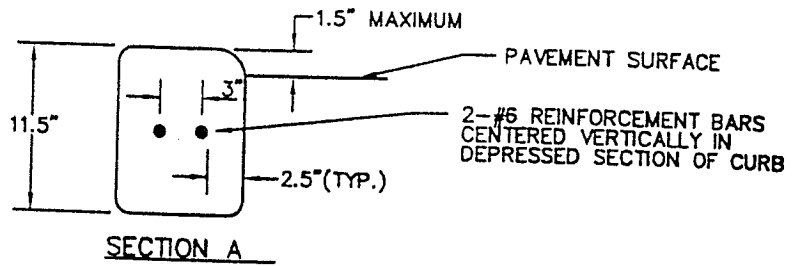
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CARROLL ENGINEERING CORPORATION
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CONCRETE SIDEWALK

SCALE	DATE	DRAWING NO.	LATEST REVISION DATE
N.T.S.	5/20/02	10 OF 15	

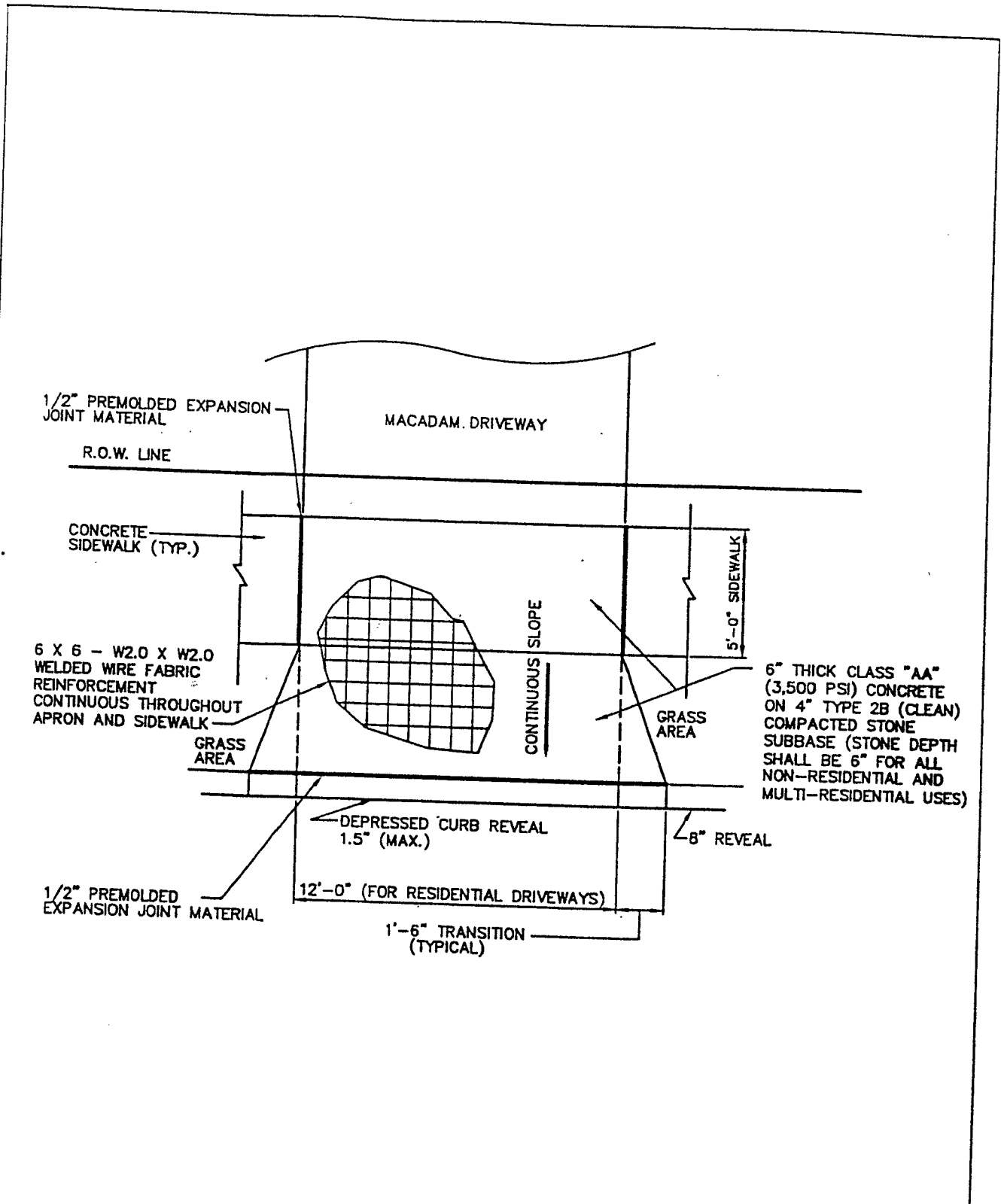


CARROLL ENGINEERING CORPORATION
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 SUITE 100
 WARRINGTON, PA 18976

DEPRESSED CURB DETAIL

SCALE	DATE	DRAWING NO.	LATEST REVISION DATE
N.T.S.	5/20/02	11 OF 15	

03370CRC



03370GRC



CARROLL ENGINEERING CORPORATION
 949 EASTON ROAD
 SUITE 100
 WARRINGTON, PA 18976

DRIVEWAY AND APRON DETAIL			
SCALE	DATE	DRAWING NO.	LATEST REVISION DATE
N.T.S.	5/20/02	12 OF 15	