Appendices

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- Figure 3 Plain Cement Concrete Curb Transition
- Figure 4 Concrete Walk Detail
- Figure 5 Wheelchair Ramp Single Curb Cut
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APPENDIX A

PLAN SUBMITTAL CHECKLIST

Plans and Other Supporting Documentation: (To be completed by the West Providence Township Planning Commission)

 Appropriate no. of Plan	Prints, Copies
 Fees Required,	Fees Collected

_____ Road Profiles and Cross Sections

- _____ Stormwater Management Plan and Report
- _____ Soil Erosion and Sedimentation Plan
- _____ Water Supply Data
- _____ DEP "Planning Module", _____ Copies
- Improvement Surety
- Bedford County Planning Commission Review
- Bedford County Conservation District Review
- _____ Township Engineer's Review
- _____ Other (Specify)

Notes:

Plan Recommendation by the West Providence Township Planning Commission:_____ Approval_____ Conditional Approval_____ Disapproval

Plan Approved By: West Providence Township Board of Supervisors,	Date
Total Fees Collected \$	Date
Ву:	Title
Plan Recorded	Date

SUBDIVISION AND LAND DEVELOPMENT REVIEW APPLICATION FORM

This Application must be completed in its entirety by the Applicant and received by the West Providence Township Office <u>fourteen (14) days</u> prior to the West Providence Township Planning Commission meeting, along with plans, supporting documentation, and fees as required by the Subdivision and Land Development Ordinance, as amended.

Contact the Township Office for scheduled meeting times and dates.

West Providence Township

83 East Fifth Avenue Everett, PA 15537 Phone: 814) 652-5943 Fax: (814) 652-5711 www.westprovidencetownship.org

in its antiraty by the Applicant and	TO BE COMPLETED BY TOWNSHIP						
in its entirety by the Applicant and wnship Office fourteen (14) days	Application Date:						
ip Planning Commission meeting,	Date Submitted to BCPC:						
entation, and fees as required by ent Ordinance, as amended.	Administratively Complete Date:						
en Ordinance, as amendea.	Official Filing Date:						
eduled meeting times and dates.	Application Fee:						
	Deposit Fee for Reviews:						
	Project Tracking Number:						
SECTION TO BE COMPLETED	BY APPLICANT						

Development or Subdivi	sion Pl	an Inf	formation:									
Name of Development or Subdivision Plan:							Applicant's Submission Date:					
Location of												
Development or Address:	reet Addr						City	State	 Zip Code			
	reet Addr	1	<u></u>				- /		Zip Code			
Type of Plan Submission: (Check only one. Must coincide with		Classification	<u>n:</u>			(Use format x	<u>I Number(s):</u> x-x-xxx					
Sketch Plan (optional)		Subdivision F	Plan									
Preliminary Plan	Number of Lots, including parent tract(s):											
Preliminary/Final Plan			Land Develo									
Final Plan			Waiver Requ									
				(-								
Landowner Information:												
Name or Company:							Contact Per	son:				
Landowner Address:												
	eet Addre	SS					City	State	Zip Code			
Landowner Phone:	ay Time)		(Mobile)		(Fax)		Email:					
	iy nine)		(MODIIE)		(i ux)							
Applicant Information:		_		. г								
(Check all that apply)	andowr	ner L	_ Equitable C	wner L	_ Develop	ber 🗌 Sub	odivider 🗌 O	ther:				
Name or Company:							Contact Per	son:				
Applicant Address:												
	et Addres	SS					City	State	Zip Code			
Applicant Phone:	T 1						Email:					
	ay Time)		(Mobile)		(Fax)							
Consultant Information:												
(Check all that apply)	urveyor		Engineer		rchitect	Othe	·					
Company Name:							Contact Per	son:				
Company Address:												
	eet Addres	SS					City	State	Zip Code			
Company Phone:							Email:					
(Da	ay Time)		(Mobile)		(Fax)							

SECTION TO BE COMPLETED BY APPLICANT, CONTINUED

Project Information:

Describe the Planned Development or Subdivision, including the existing and proposed activities planned for the site:

Proposed Land Use:	Requested Wai	Requested Waivers from Subdivision and Land Development Requirements:								
(Check all that apply and identify # of lots for each proposed land use.)	Section Reference:	Describe minimum modification	n necessary i	for proposed development/subdivision plan.						
Agricultural										
Single Family										
Townhouse/Duplex										
Apartments										
Commercial										
Professional										
Industrial										
Other										
Plan Information:				Utility Information:						
Total Acreage:	Residual Acreag	e of Parent Tract:		(Check all that apply.)						
Square footage of proposed build	ding(s) and/or bu	ilding addition(s):	SF	Public/Community Water						
Area of Earth Disturbance:	Acres	<u>OR</u>	SF	Name:						
Erosion & Sediment Control Plan:	Permit Issued	Submitted to BCCD	N/A	Private On-site Water						
NPDES Application:	Permit Issued	Submitted to BCCD	🗌 N/A	Existing Proposed						

Ownership of Road:	Public	Private		Both	Public/Com	nmunity S	anitary Sewe
Highway Occupancy Application:	Permit Issued	Submitted to PAI	DOT	· □ N/A	Name:		
Is Site Situated in a Floodplain?	Yes	No			Private On-s	site Sanito	ary Sewer
Water Encroachment Application:	Permit Issued	Submitted to DEF	C	🗌 N/A	Permit	ted [] Proposed
Act 537 Sewer Planning Module:	Permit Issued	Submitted to SEC)	🗌 N/A	Type of Syst	em:	

DISCLAIMER AND SIGNATURE

I, or we, acknowledge that all information provided in this Application and in the Plan Submission are true, accurate, and complete. I, or we, understand that false statements herein are subject to penalties, and I or we, shall comply with all ordinances of West Providence Township as they apply.

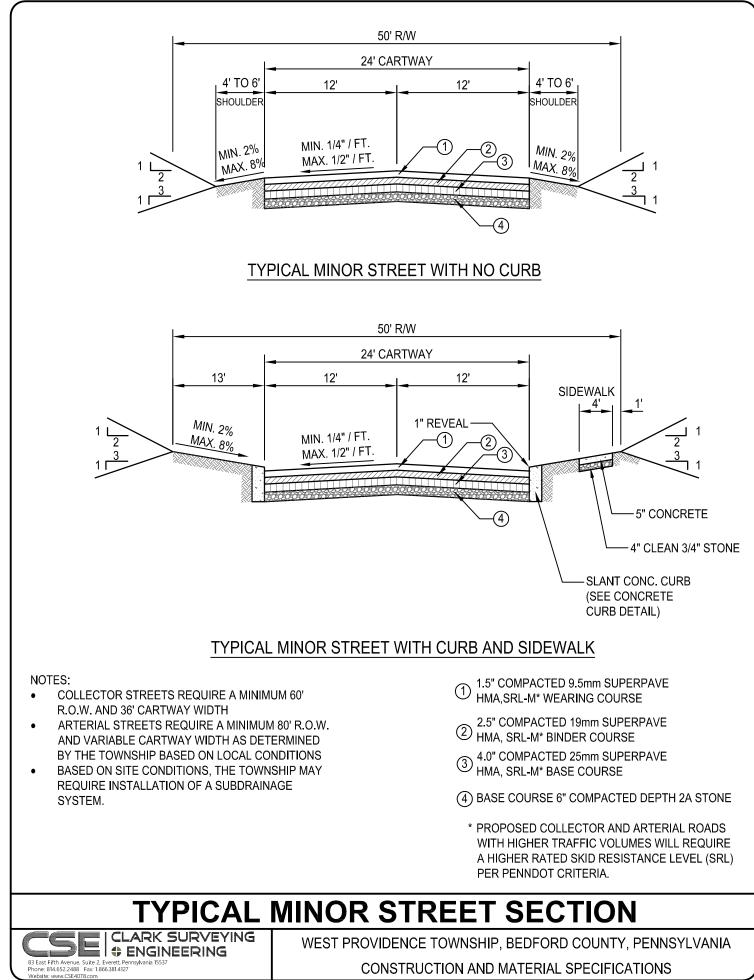
Signature:

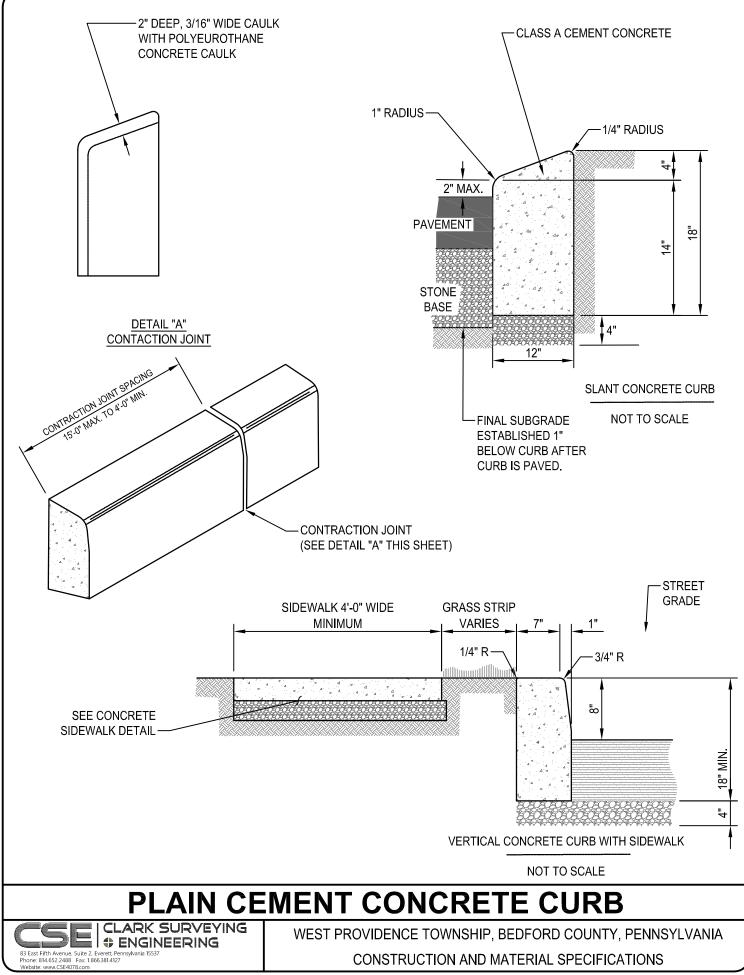
Date:

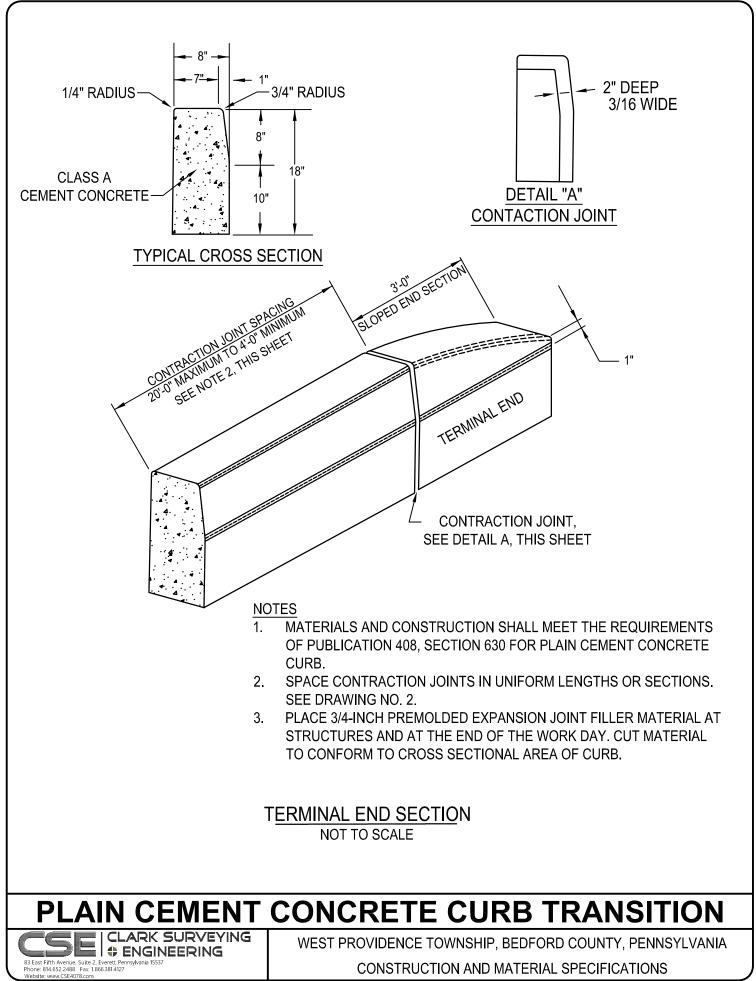
WEST PROVIDENCE TOWNSHIP FEE SCHI APPROVED 03-13-2023	SCHEDULE FOR SUBDIVISION AND LAND DEVELOPN	MENT PLAN REVIEW
Pre-Application Meeting:	<u>Application/Filing Fee*</u> No Charge	<u>Deposit for Consultant/Legal Review Fees*</u> N/A
<u>Sketch Plans:</u>	\$50.00	\$250.00
<u>Preliminary Plan Subdivision Reviews:</u> Ten (10) Residential Lots or less: More than ten (10) Residential Lots: Non-Residential Lots:	\$30.00, plus \$10.00 for each lot \$130.00, plus \$10.00 for each lot, \$900.00 max. \$200.00, plus \$50.00 for each lot, \$1250.00 max.	\$200.00, plus \$50.00 for each lot \$600.00, plus \$50.00 for each lot \$600.00, plus \$100.00 for each lot
<u>Preliminary Plan Land Development Reviews:</u> Land Development Under 1 Acre of Earth Disturbance:	\$100.00, plus \$5.00 per 1,000 SF of disturbance**	\$350.00, plus \$25.00 per 1,000 SF of disturbance**
Land Development Over 1 Acre of Earth Disturbance	\$250.00, plus \$25.00 per acre of disturbance**, \$1250.00 max	\$1200.00, plus \$150.00 per acre of disturbance**
<u>Preliminary/Final Plan Reviews:</u> Lot Line Change Ten (10) Residential Lots or less:	\$30.00 \$50.00, plus \$10.00 for each lot	\$150.00 \$200.00, plus \$50.00 for each lot
<u>Final Plan Subdivision Reviews:</u> Ten (10) Residential Lots or less: More than ten (10) Residential Lots: Non-residential/Mixed-use Lots:	\$20.00, plus \$5.00 for each lot \$75.00, plus \$5.00 for each lot, \$900.00 max. \$150.00, plus \$25.00 for each lot, \$1250.00 max.	\$100.00, plus \$50.00 for each lot \$500.00, plus \$50.00 for each lot \$500.00, plus \$100.00 for each lot
<u>Final Plan Land Development Reviews:</u> Land Development Under 1 Acre of Earth Disturbance:	\$50.00, plus \$5.00 per 1000 SF of disturbance**	\$200.00, plus \$25.00 per 1,000 SF of disturbance**
Non-residential/Mixed-use Land Development Over 1 Acre of Earth Disturbance	\$250.00, plus \$25.00 per acre of disturbance**, \$850.00 max.	\$1200.00, plus \$150.00 per acre of disturbance**
<u>Request for Modification/Waiver of Requirements:</u> Design Modifications: Drafting Modifications:	\$25.00 per Modification \$5.00 per Modification, max of \$25.00	\$150.00
*Application/Filing Fee and Deposit for Consultant/I Township Subdivision and Land Development Ordi and administrative costs in excess of the amount su approved until all fees and charges are paid in full.	*Application/Filing Fee and Deposit for Consultant/Legal Review Fees shall be added together and submitted as one (1) Plan Fee in accordance with West Providence Township Subdivision and Land Development Ordinance, Article XI. All fees shall be payable at the time of the Preliminary or Final Plan Submission. Any engineering and administrative costs in excess of the amount submitted prior to approval of the Plan, shall be paid by the Developer upon Township notification. No Final Plan sha approved until all fees and charges are paid in full.	*Application/Filing Fee and Deposit for Consultant/Legal Review Fees shall be added together and submitted as one (1) Plan Fee in accordance with West Providence Township Subdivision and Land Development Ordinance, Article XI. All fees shall be payable at the time of the Preliminary or Final Plan Submission. Any engineering, legal and administrative costs in excess of the amount submitted prior to approval of the Plan, shall be paid by the Developer upon Township notification. No Final Plan shall be approved until all fees and charges are paid in full.
** For the purpose of this fee schedule, the area of a limited to, clearing and grubbing, grading, excavation stockpiling, or storing of soil, rock or earth materials	** For the purpose of this fee schedule, the area of disturbance is defined as a construction or other human activity which disturbs the surface of the land, including limited to, clearing and grubbing, grading, excavations, embankments, road, driveway or parking lot maintenance, building construction and the moving, depositing stockpiling, or storing of soil, rock or earth materials.	** For the purpose of this fee schedule, the area of disturbance is defined as a construction or other human activity which disturbs the surface of the land, including, but not limited to, clearing and grubbing, grading, excavations, embankments, road, driveway or parking lot maintenance, building construction and the moving, depositing, stockpiling, or storing of soil, rock or earth materials.

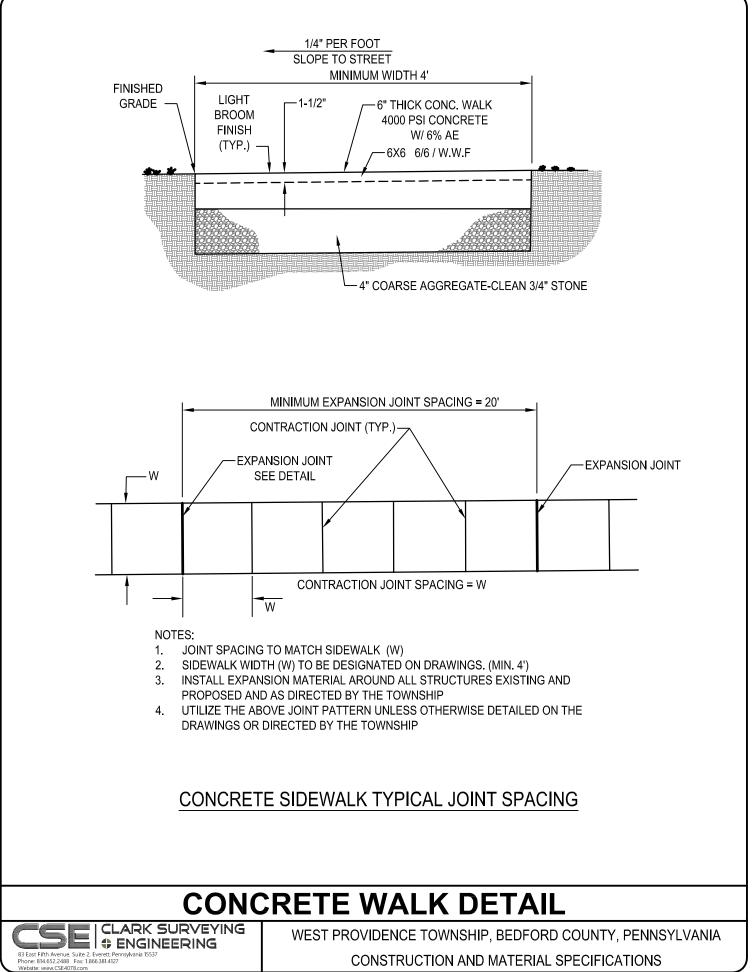
***Fees established based on per 1000 Square Feet or per Acre shall be rounded up to the next 1,000 SF increment or the next Acre.

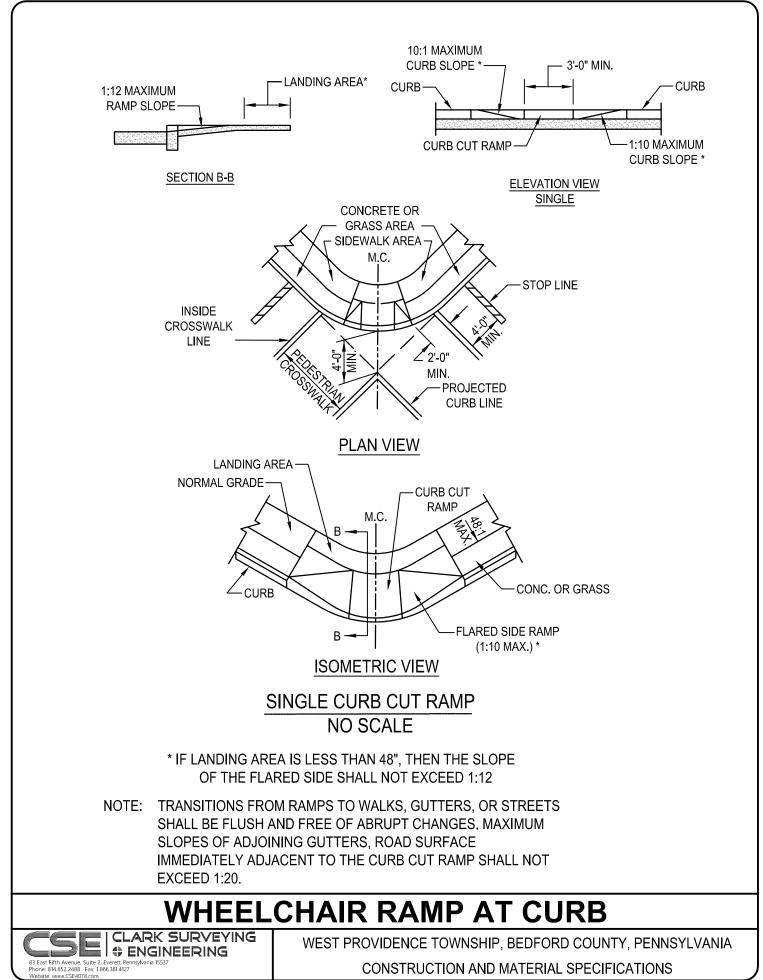
APPENDIX B

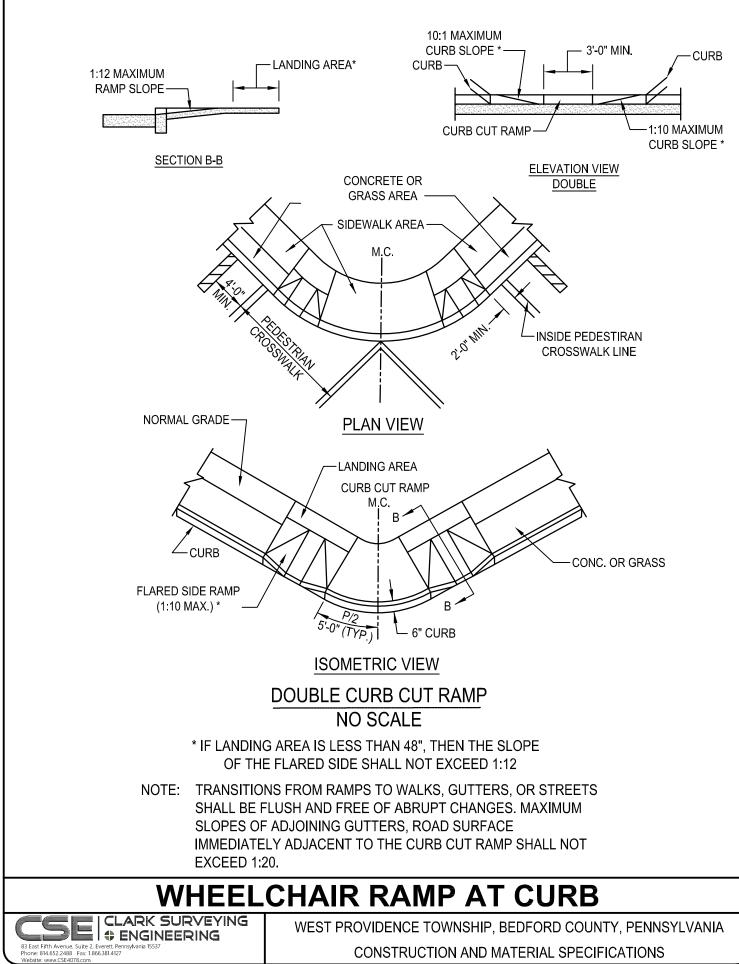


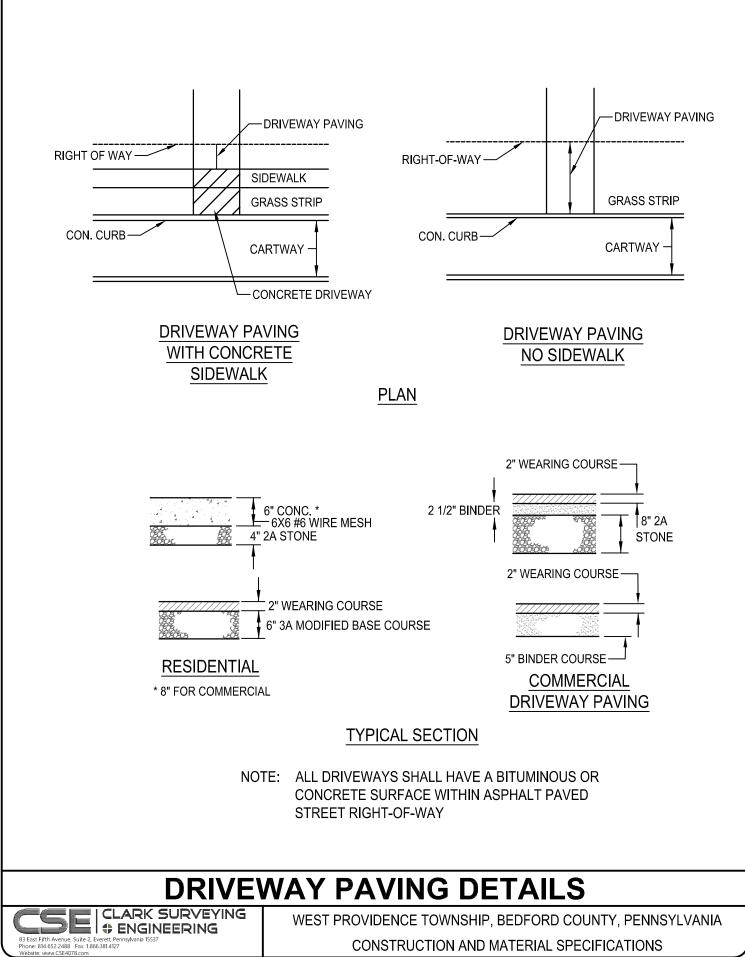


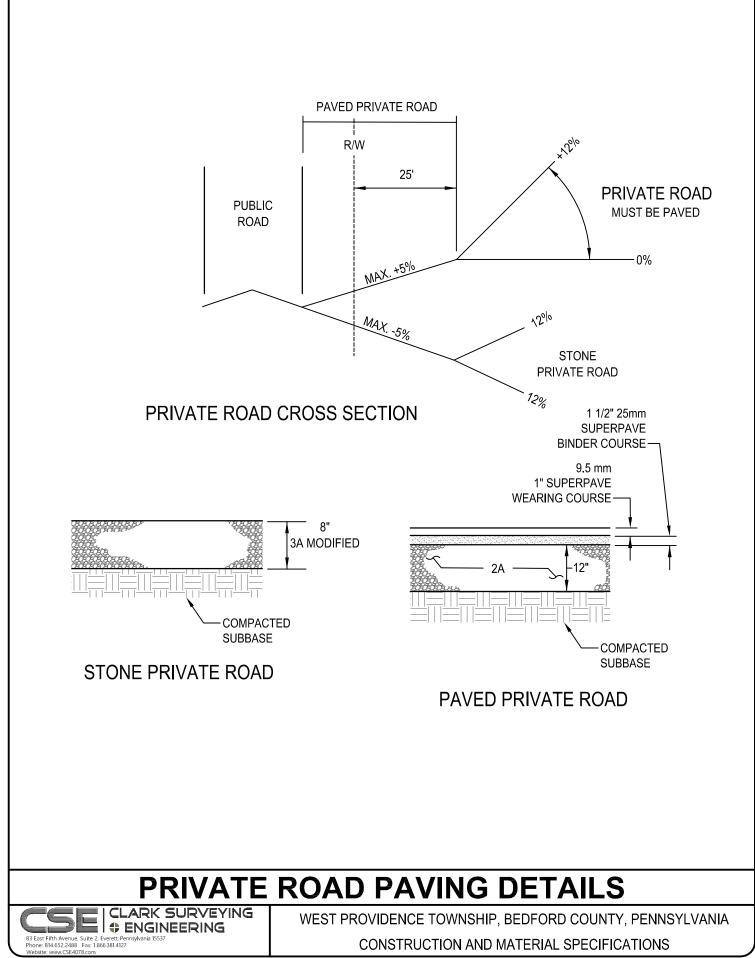


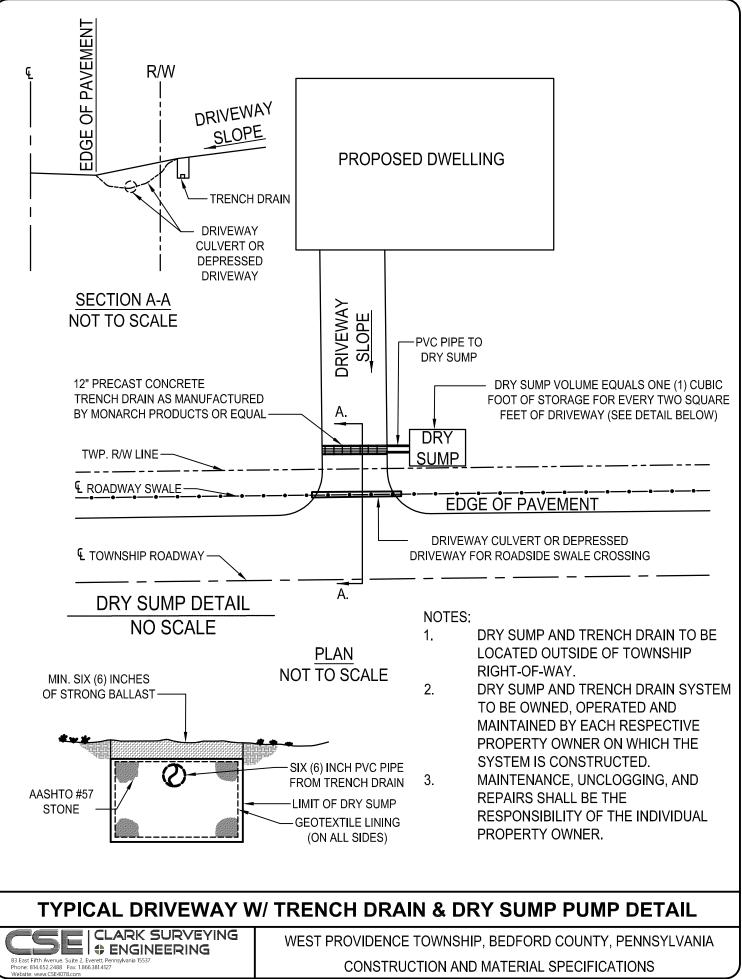


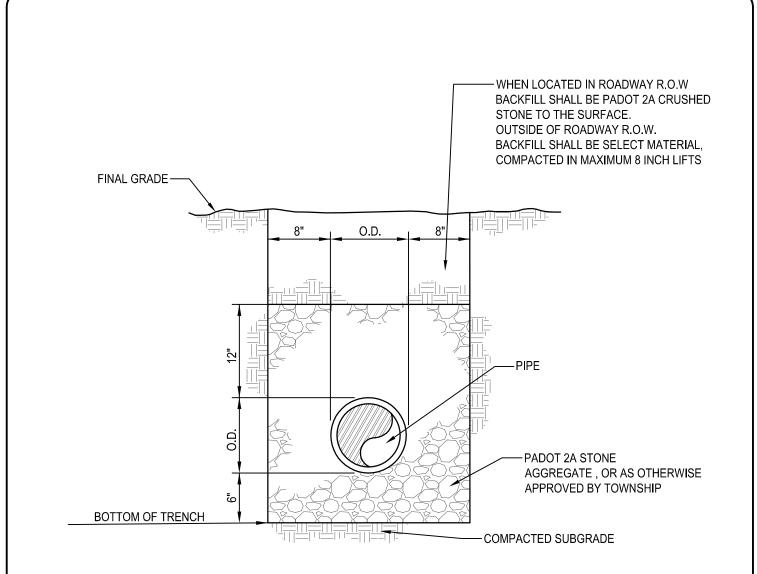










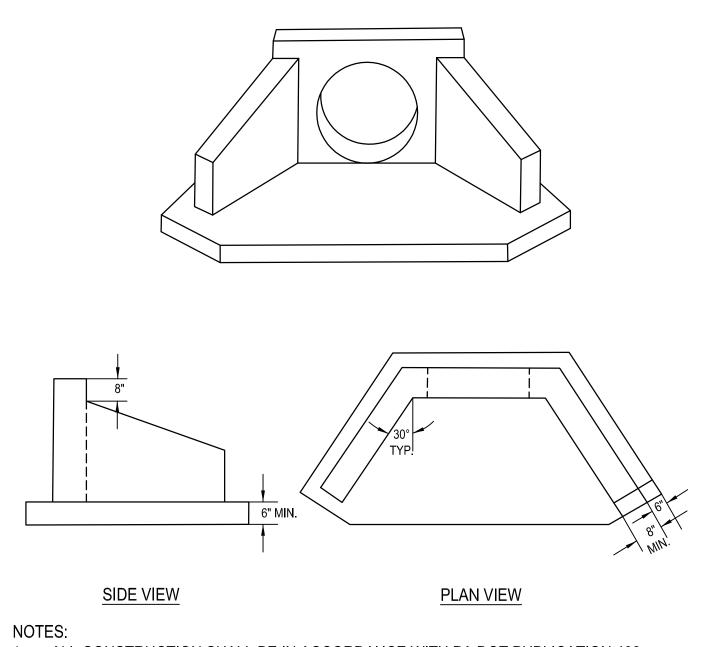


- 1. ALL PIPES SHALL BE BEDDED AS SHOWN ABOVE USING PADOT 2A STONE WITH THE EXCEPTION OF PVC PIPE, AND CONCRETE PIPE
- 2. BEDDING MATERIALS FOR ALL DIAMETERS OF PVC PIPE SHALL BE No. 1B STONE.
- 3. BEDDING MATERIALS FOR ALL DIAMETERS OF CONCRETE PIPE SHALL BE AASHTO NO. 8 STONE

STANDARD BEDDING FOR STORMWATER PIPING

3 East Fifth Avenue, Suite 2, Everett, Pennsylvania 15537 home: 814,652,2488 Fax: 1866.3814127 Hoster: www.SEL4078.com

WEST PROVIDENCE TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA

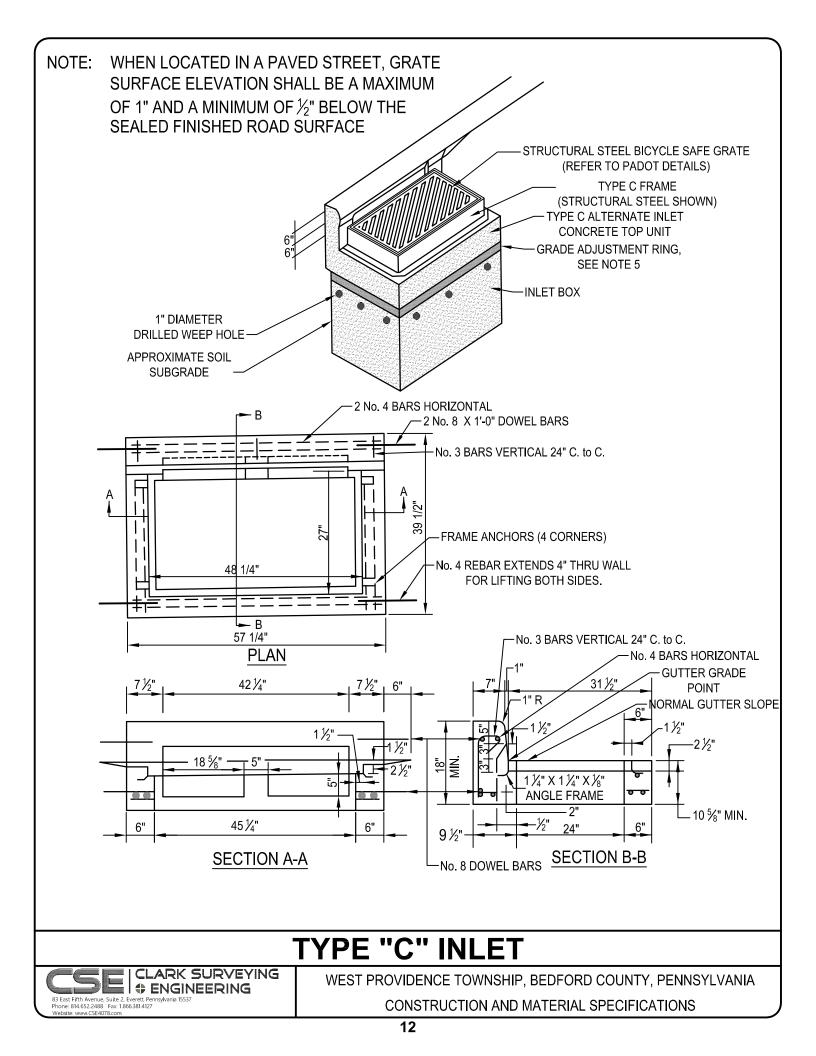


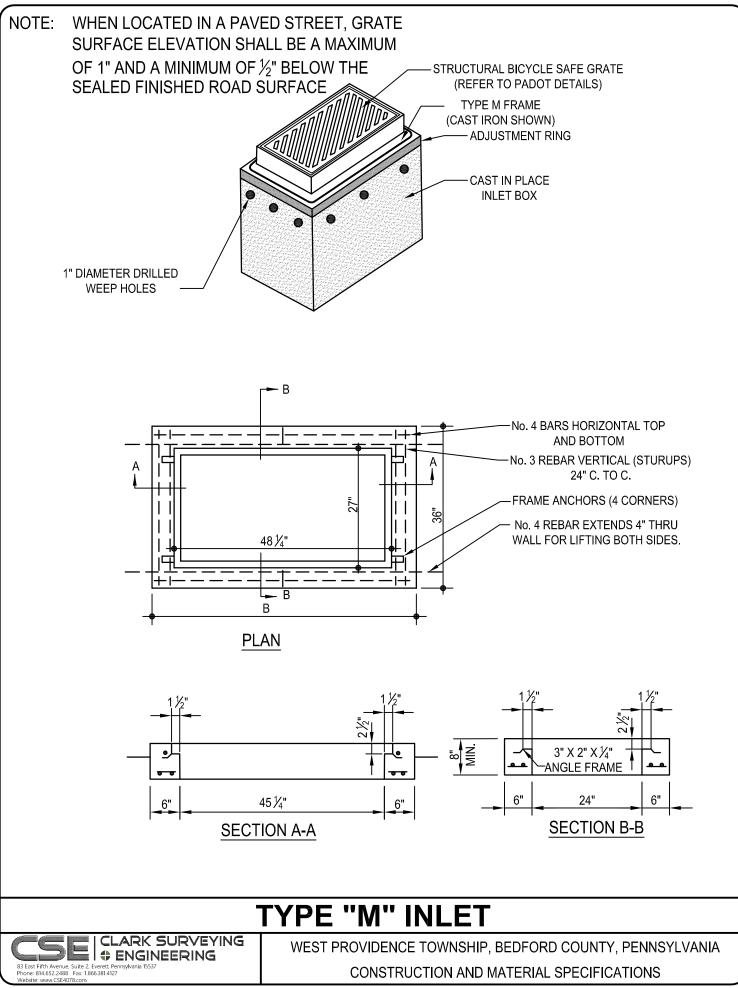
- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH PA DOT PUBLICATION 408, SECTION 605 & STANDARDS FOR ROADWAY CONSTRUCTION, RC-31M. ENDWALL SIZING SHALL BE BASED ON PIPE SIZES & ALIGNMENT PRIOR TO ORDERING PRECAST STRUCTURES.
- 2. ALL DRAINAGE STRUCTURES SHALL HAVE POURED-IN-PLACE CONCRETE CHANNEL BOTTOMS.
- 3. CONCRETE SHALL BE CLASS "A".
- 4. EXPOSED EDGES SHALL BE CHAMFERED ONE (1) INCH.
- 5. PROVIDE CONCRETE APRON WHEN TRASH RACK IS PROPOSED ON HEADWALL.

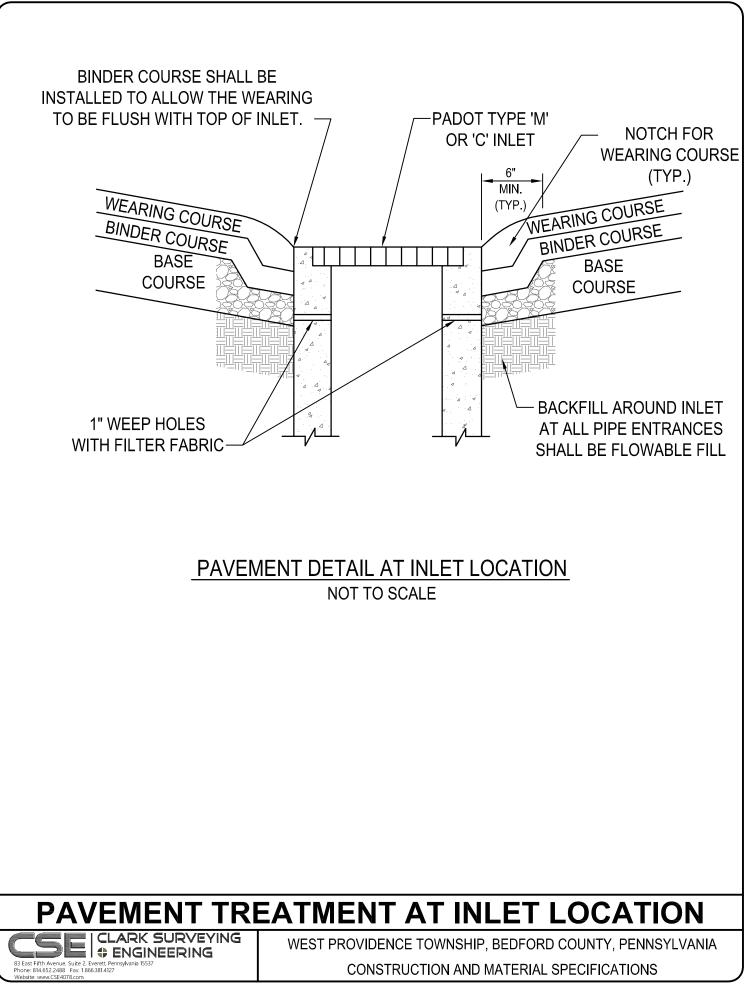
CONCRETE ENDWALL

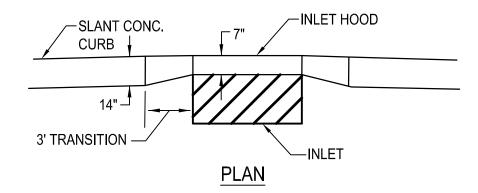
East Fifth Avenue, Suite 2. Everett. Pennsykania 15537 no: 814.6522.4248 Fax: 1865.814427

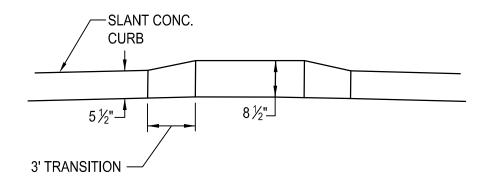
WEST PROVIDENCE TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA









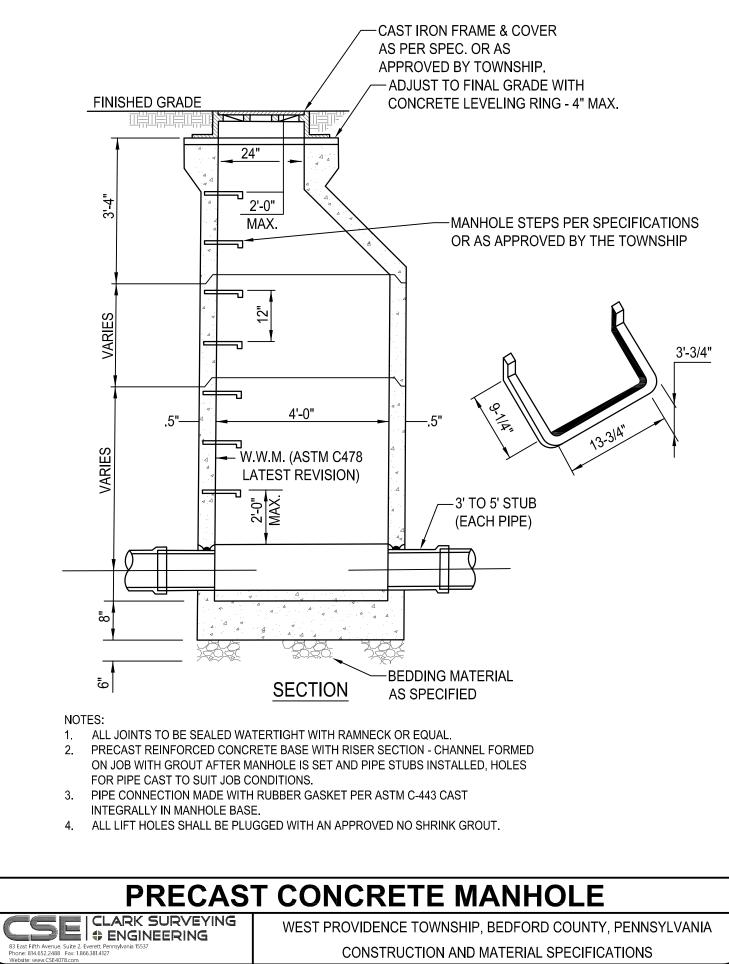


ELEVATION NOT TO SCALE

SLANT CURB TRANSITION TO TYPE "C" INLET

Stast Fifth Avenue. Suite 2: Everett, Pennsykania 15537 Phone: 814.552.2488 Fax: 1866.381.4127 Webstite: www.cStafd78.com

WEST PROVIDENCE TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA



R1-1

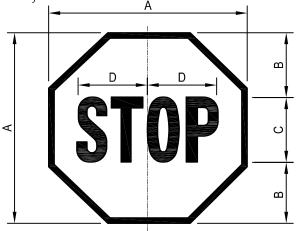
STOP SIGN

(a) Justification. The Stop Sign (R1-1) is authorized for use on those streets or highways which intersect with a through highway or at a stop intersection so designated by the Department with reference to State-designated highways or local authorities with reference to highways under their jurisdiction. The R1-1 sign is also authorized for use in work zones involving one-lane, two-way roadways in accordance with Publication 203m (relating to work zone traffic control).

(b) Authorization. Before local authorities designate any highway as a through highway or stop intersection which will intersect or affect a State-designated highway, approval of such designation shall first be obtained from the Department. Approval to install R1-1 signs in work areas shall not require the approval of the Department or local authorities when the conditions stipulated in Publication 203M (relating to work zone traffic control) are satisfied.

(c) Placement. The R1-1 sign shall be placed in accordance with Department regulations (relating to location of stop and yield signs), or in accordance with Publication 203M (relating to work zone traffic control). When the number of stop approaches to an intersection is three or more, or two or more at an intersection involving two one-way streets, the Multiway Stop Sign (R1-3) shall be placed below each Stop Sign.

(d) Size. The standard size R1-1 sign shall be 750 mm by 750 mm; however, at intersections on minor roads and secondary streets, a 600 mm by 600 mm sign may be used. In work zones, the standard size R1-1 sign for controlling one-lane, two-way traffic shall be 750 mm by 750 mm.



SIGN	DI	IMEN. (IN m	m)	BOR-	BLANK
SIZE AxA	В	С	E	DER	STD.
600x600	200	200C	254	15	B1-600
750x750	250	250C	318	20	B1-750
900x900	300	300C	381	20	B1-900
1200x1200	400	400C	508	30	B1-1200

COLOR:

LEGEND AND BORDER: WHITE (REFLECTORIZED)

BACKGROUND: RED (REFLECTORIZED) NOTE: THIS DETAIL CREATED FROM DETAIL DATED 10/8/97 BY THE TRAFFIC ENGINEERING AND OPERATIONS DIVISION BUREAU OF HIGHWAY SAFETY AND TRAFFIC ENGINEERING

STOP SIGN DETAIL

* REDUCE SPACING 40%

BE LICEARK SURVEYING BE ENGINEERING BY EAST HIT AND A SURVEYING BY EAST HIT AND A SURV

WEST PROVIDENCE TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA

D3-1

STREET NAME SIGN

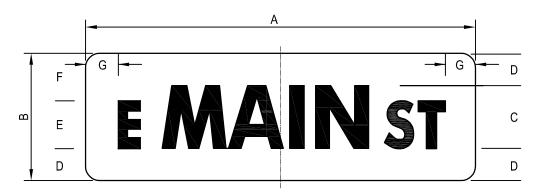
The Street Name Sign (D3-1) shall be authorized for use as a post mounted sign to identify names of streets for motorists and pedestrians. The D3-1, or other official type of street name sign, should be placed at all street intersections regardless of other route marking that may be present.

When the D3-1 signs are used in business districts, they should be placed at least on the diagonally opposite corner so that they will be on the far right-hand side of the intersection for traffic on the more important street. Signs naming both streets should be erected at each location. They should be mounted with their faces parallel to the streets they name, as close to the corner as practical with the nearest part of each sign not less than 12 in., and preferably 24 in., back from both curb lines.

In residential districts, D3-1 signs should be mounted as in business districts, but a single location at each intersection shall ordinarily suffice on all but the most important thoroughfares.

The name shall appear on street name signs in capital lettering at least 6 in. high. Larger legend, however, is optional. Lettering 8 in. or greater should be composed of lower-case letters with an initial upper-case letter. The overall width of the sign is variable up to 36 in. width with 6 in. legend. Except when necessary to avoid confusion, suffixes such as "ST", "DR", and "RD", or sections of the city such as "NW" should not be used. When used, this supplemental lettering may be in smaller lettering, at least 4 in. high.

The street name sign should be reflectorized or illuminated and should have a white legend on a green or black background or black legen on a white background or other contrasting colors.



COL	OR ·
COL	_01.

LEGEND: WHITE (REFLECTORIZED) BACKGROUND: GREEN (REFLECTORIZED) OR BLACK (NON-REFLECTORIZED)

SIGN DIMEN. (IN in.) SIZE F С D Ε G TYPE OF STREET AND SPEEDLIMIT AxB VAR X 6" 4"* 1" 3"* 2" 1" 2-LANE, ALL SPEED LIMITS VAR X 9" 6"* 1.5" 4.5"* 3" 1.4" MULTI-LANE, 40 MPH OR LESS VAR X 12" **9"*** 2" 6"* 4" 2" MULTI-LANE, MORE THAN 40 MPH

* CHOOSE STANDARD ALPHABET SERIES FOR BEST FIT

OR

LEGEND:

BLACK (NON-REFLECTORIZED) BACKGROUND:

WHITE (REFLECTORIZED)

NOTE: THIS DETAIL IS BASED ON FHWA FIGURE D3-1 PENNDOT PUB. 236 AND PENNDOT TECHNICAL INFORMATION SHEET #174.

STREET NAME SIGN DETAIL

3 East Fifth Avenue, Suite 2. Everett, Pennsylvania 15537 hone: 814 4522:2486 Fasc: 1866:3814127 Webster: www.SE4078.com

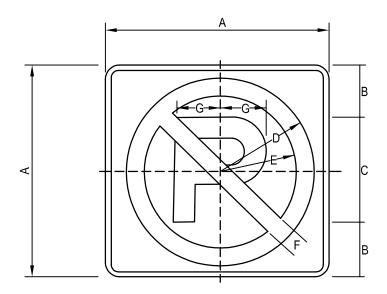
WEST PROVIDENCE TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA

R8-3A

NO PARKING SYMBOL SIGN

(a) Justification. The No Parking Symbol Sign (R8-3A) shall be authorized for use in accordance with Department regulations (relating to justification and description; placement; and size) to prohibit parking along a given highway. if the restriction applies to a limited area or zone, supplemental signs or messages shall be authorized to show the limits of the restriction. Authorized supplemental signs include, but are not limited to the Restricted Hours Panel (R3 20), No Parking Restricted Hours Plaque (R/2), No Parking Loading Zone Plaque (R7-7), Tow Away Zone Sign (R7-201) and No Parking On Pavement Sign (R8 1). As an alternate to the use of supplemental signs, the appropriate supplemental message and the no parking symbol may be incorporated into a single sign.

(b) Size. The standard size R8-3A sign shall be 300mm by 300mm in business, residential, or park areas and 600mm by 600mm in rural areas. The standard size for expressways shall be 900mm by 900mm.



SIGN		DIMENSIONS (IN MILLIMETERS) MAR- BOR-						BOR-	BLANK
SIZE AxA	В	С	D	E	F	G	GIN	DER	STD.
300 X 300	75	150 E(M)	122	97	25	61	10	10	
600 X 600	150	300 E(M)	262	212	50	123	10	15	B3-600
900 X 900	225	450 E(M)	395	320	75	182	10	20	B3-900

SYMBOL AND BORDER: BLACK (NON-REFLECTORIZED)

CIRCLE AND DIAGONAL: RED (REFLECTORIZED)

BACKGROUND:

COLOR:

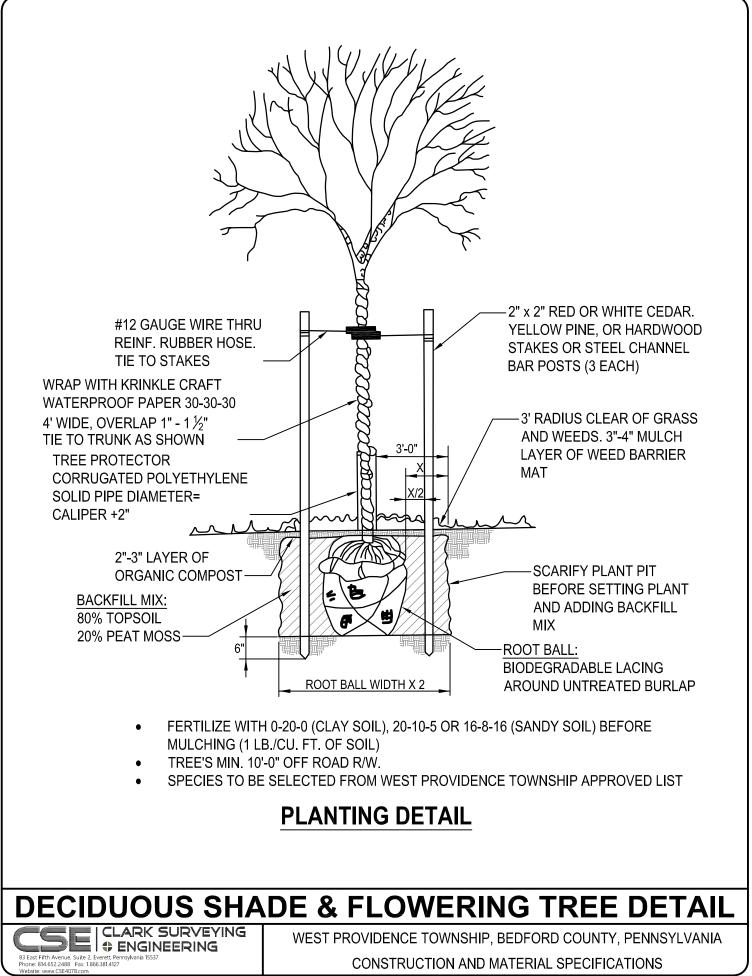
WHITE (REFLECTORIZED)

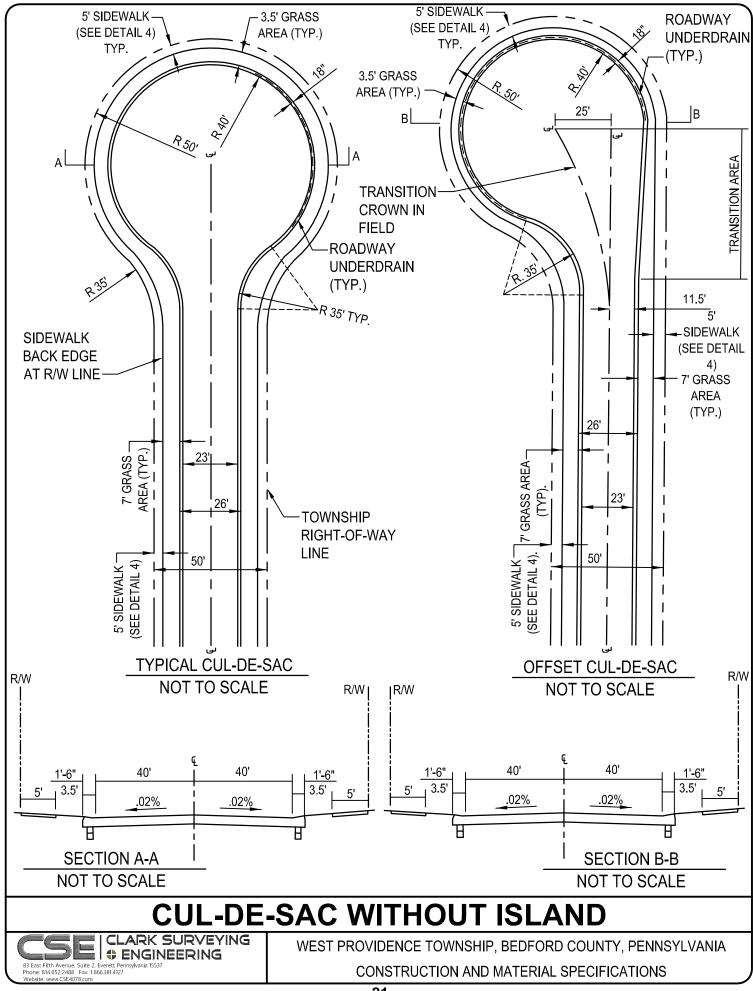
NOTE: THIS DETAIL CREATED FROM DETAIL DATED 4/3/97 BY THE TRAFFIC ENGINEERING AND OPERATIONS DIVISION BUREAU OF HIGHWAY SAFETY AND TRAFFIC ENGINEERING

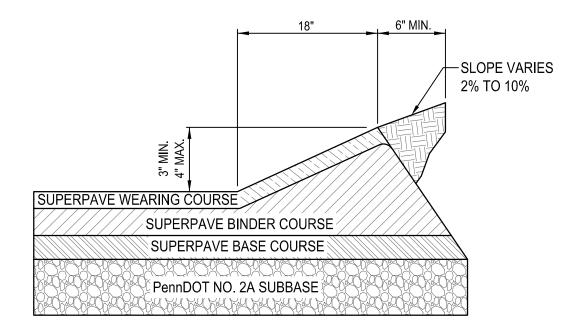
NO PARKING SYMBOL SIGN DETAIL

35 Est Fifth Avenue, Suite 2, Everett, Pennglyania 15537 Phone: 814.552.2488 Fax: 1866.381.4127 Website: www.SE4078.com

WEST PROVIDENCE TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA







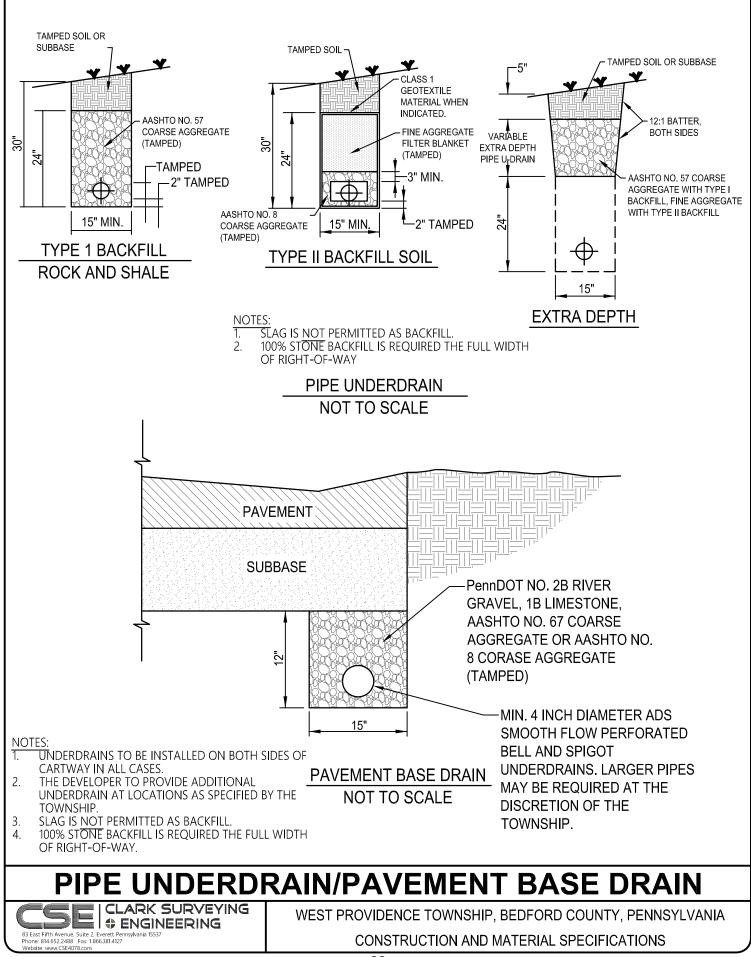
TYPICAL BITUMINOUS CONCRETE WEDGE CURB

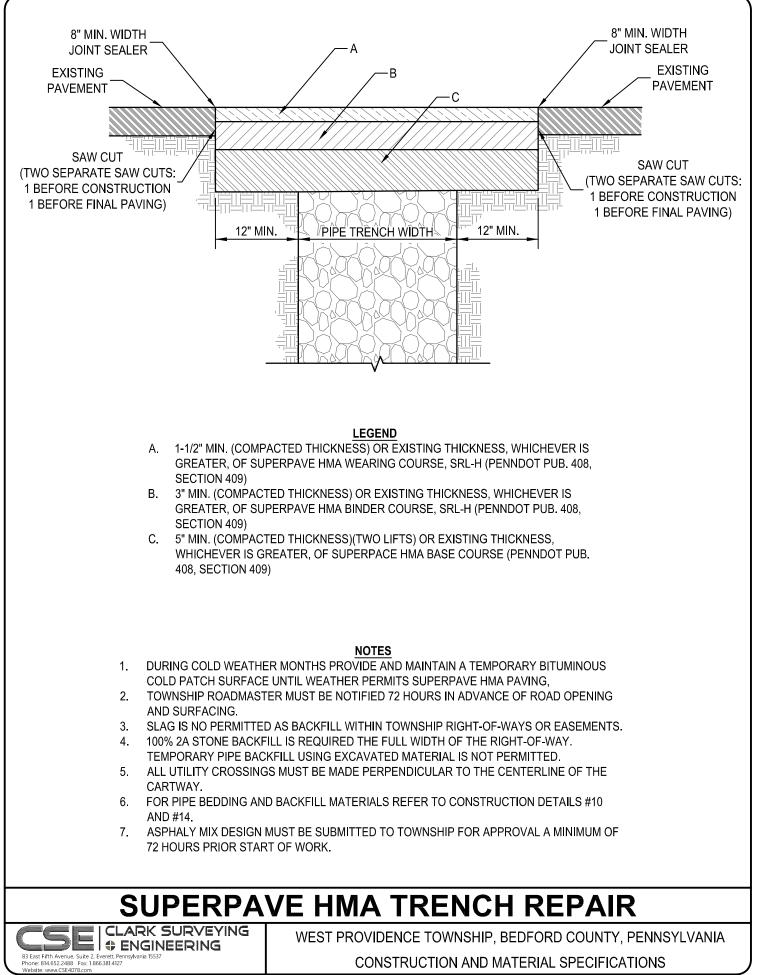
NOT TO SCALE

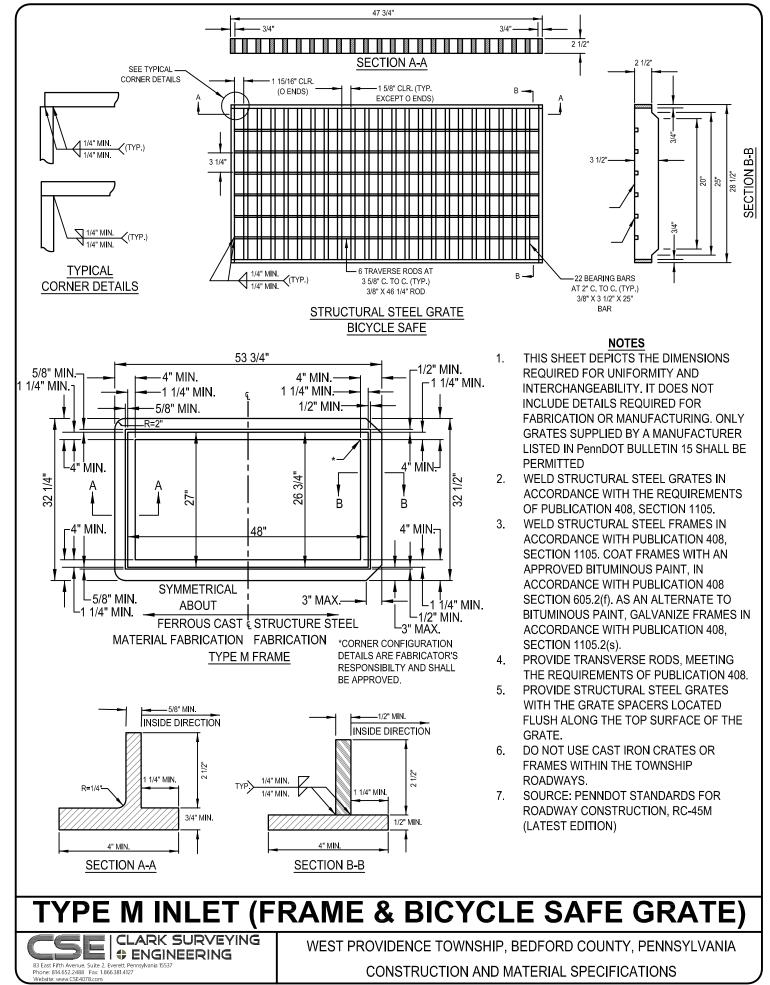
TYPICAL BITUMINOUS CONCRETE WEDGE CURB

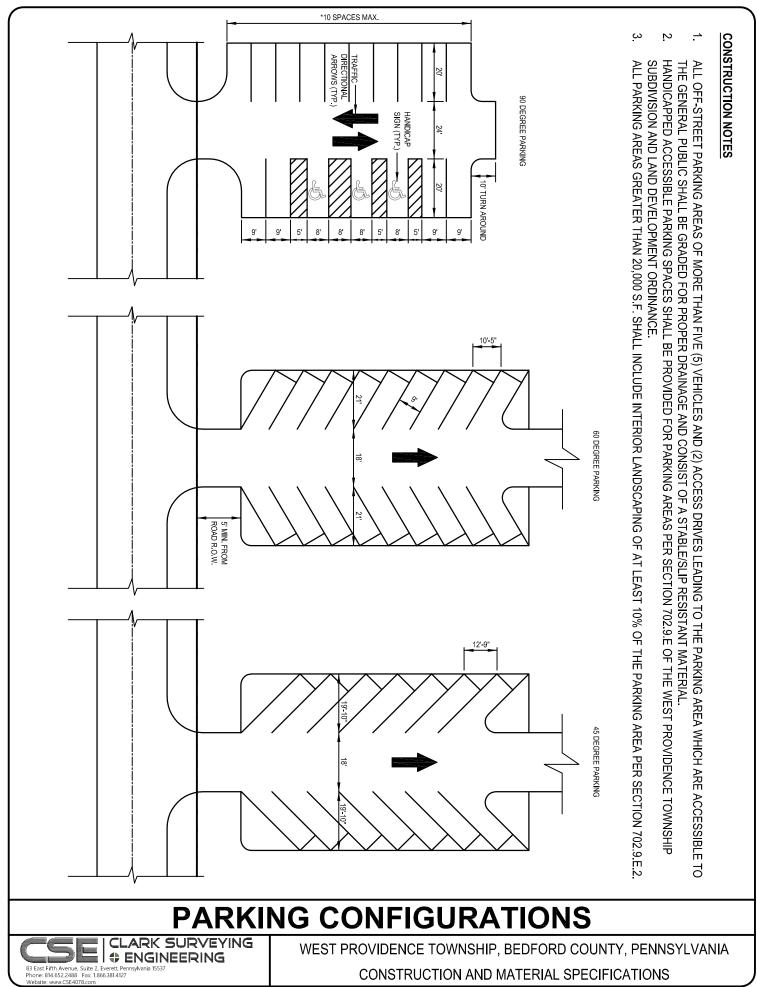
BE LEARK SURVEYING BE ENGINEERING BI Last Fifth Avenue, Suite 2. Everett Pennsylvania 15537 Phone: BI 4552.2488 Fax: 1866.381.4127

WEST PROVIDENCE TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA









CERTIFICATE FOR APPROVAL BY THE WEST PROVIDENCE TOWNSHIP SUPERVISORS

APPROVED BY RESOLUTION OF THE WEST PROVIDENCE TOWNSHIP BOARD OF SUPERVISORS ON THIS_____ DAY OF ______, 20_____.

(CHAIRMAN)

(SECRETARY)

CERTIFICATE OF REVIEW BY THE WEST PROVIDENCE TOWNSHIP PLANNING COMMISSION

REVIEWED BY THE WEST PROVIDENCE TOWNSHIP PLANNING COMMISSION ON THIS____ DAY OF _____, 20

(CHAIRMAN)

(SECRETARY)

CERTIFICATE OF REVIEW BY BEDFORD COUNTY PLANNING COMMISSION

REVIEWED BY THE BEDFORD COUNTY PLANNING COMMISSION THIS _____ DAY OF _____, 20____.

(DIRECTOR)

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS SURVEY AND PLAN ARE CORRECT AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(SIGNATURE)

(LICENSE NO.

CERTIFICATE OF OWNERSHIP

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF BEDFORD ON THIS, THE _____ DAY OF _____, 20____, BEFORE ME, THE UNDERSIGNED OFFICER, PERSONALLY APPEARED _____, WHO BEING DULY SWORN ACCORDING TO LAW, DEPOSES AND SAYS THAT THEY ARE THE OWNER AND/OR EQUITABLE OWNER OF THE PROPERTY SHOWN ON THIS PLAN, AND THAT THEY ACKNOWLEDGE THE SAME TO BE THEIR PLAN, AND THAT THEY DESIRE THE SAME TO BE RECORDED AS SUCH ACCORDING TO LAW.

(DATE)

(OWNER SIGNATURE)

NOTARIZATION:

SWORN TO AND SUBSCRIBED TO BEFORE ME THIS _____ DAY OF _____, 20__

NOTARY PUBLIC

STATE OF:_____ COUNTY OF:_____

MY COMMISSION EXPIRES:

TYPICAL SIGNATURE BLOCK

BE CLARK SURVEYING BE CLARK SURVEYING BE ENGINEERING BI 4552 2488 Fax: 18663314127 Webite: www.SURF.

WEST PROVIDENCE TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA

APPENDIX C

Appendix c Recommended Tree and Shrub List Landscape Plans for West Providence Township Bedford County, Pennsylvania

Native Trees

Height in Feet at Maturity	Scientific Name	Common Name
40	Acer pensylvanicum	Striped Maple
40	Acer rubrum	Red Maple
30	Amelanchier canadensis	Shadbush, Serviceberry
25	Amelanchier laevis	Shadblow, Shadbush
40	Aralia spinosa	Devil's Walking Stick
35	Asimina triloba	Pawpaw
60	Betula lenta	Sweet or Black Birch
70	Betula lutea	Yellow Birch
40	Betula nigra	River Birch
35	Carpinus caroliniana	Hornbeam, Ironwood
85	Carya cordiformis	Bitternut Hickory
85	Carya glabra	Pignut Hickory
85	Carya laciniosa	Shellbark Hickory
85	Carya ovalis	Sweet Pignut/Red Hickory
85	Carya ovata	Shagbark Hickory
85	Carya tomentosa	Mockernut Hickory
75	Castanea dentate*	American Chestnut
90	Celtis occidentalis	Common Hackberry
35	Cercis canadensis	Eastern Redbud
35	Cornus alternifolia	Pagoda Dogwood
35	Cornus florida	Flowering Dogwood
35	Crataegus crusgalli	Cockspur Hawthorn
20	Crataegus pruinosa	Frosted Hawthorn
30	Crataegus punctata	Dotted Hawthorn
60	Diospyros virginiana	Common Persimmon
60	Gleditsia triacanthos	Common Honeylocust
45	Ilex opaca	American Holly
75	Juglans cinerea	Butternut
60	Juniperus virginiana	Eastern Red Cedar
90	Liquidambar styraciflua	Sweet Gum
90	Liriodendron tulipifera	Tulip Tree/Tulip Poplar
90	Magnolia acuminata	Cucumbertree Magnolia
35	Malus coronaria	American crabapple
50	Morus rubra	Red Mulberry
60	Nyssa sylvatica	Black Gum
40	Ostrya virginiana	Hop Hornbeam
60	Picea glauca	White Spruce
75	Pinus pungens	Table Mountain Pine
75	Pinus rigida	Pitch Pine

Native Trees, continued

Height in Feet at Maturity	Scientific Name	Common Name
70	Pinus strobus	White Pine
90	Platanus x acerifolia (hybrid)	London Planetree
35	Prunus americana	American Plum
80	Prunus serotina	Black Cherry
35	Ptelea trifoliate	Common Hoptree
90	Quercus alba	White Oak
90	Quercus bicolor	Swamp White Oak
90	Quercus borealis	Northern Red Oak
80	Quercus coccinea	Scarlet Oak
70	Quercus ellipsoidalis	Northern Pin Oak
20	Quercus ilicifolia	Scrub Oak
50	Quercus imbricaria	Shingle Oak
60	Quercus macrocarpa	Bur Oak
45	Quercus marilandica	Blackjack Oak
80	Quercus montana	Chestnut Oak
50	Quercus muhlenbergi	Chinkapin Oak
20	Quercus prinoides	Dwarf Chinkapin Oak
60	Quercus ruba	Red Oak
60	Quercus shumardii	Shumark Oak
50	Quercus prinus	Chestnut Oak
80	Quercus velutina	Black Oak
50	Sassafras albidum	Common Sassafras
50	Thuga occidentalis	Eastern Arborvitae
90	Tilia americana	American Linden
90	Tsuga canadensis*	Canada Hemlock
90	Ulmus americana*	American Elm
90	Ulmus rubra	Slippery/Red Elm
35	Viburnum lentago	Nannyberry Viburnum
35	Viburnum prunifolium	Black Haw

- *Purchase only when resistant cultivar is available
- Note: All ash trees are susceptible to the emerald ash borer and should not be planted until a resistant cultivar is available

Native Shrubs

Height in Feet at Maturity	Scientific Name	Common Name
-		
30	Alnus serrulata	Common Alder
9	Aronia arbutifolia	Red Chokeberry
8	Aronia melanocarpa	Black Chokeberry
12	Aronia prunifolia	Purplefruit Chokeberry
5	Callicarpa Americana	Beautyberry
12	Calycanthus floridus	Sweetshrub
3	Ceanothus americanus	Jerseytea Ceanothus
10	Cephalanthus occidentalis	Buttonbush
18	Clethra acuminata	Summersweet
18	Clethra alnifolia	Summersweet
9	Cornus amomum	Silky Dogwood
12	Cornus racemosa	Gray Dogwood
12	Cornus rugosa	Roundleaf Dogwood
10	Cornus stolonifera	Red Osier Dogwood
12	Corylus Americana	American Filbert/Hazelnut
12	Corylus cornuta	Beaked Filbert
3	Diervilla lonicera	Dwarf Bushhoneysuckle
9	Dirca palustris	Atlantic Leatherwood
15	Hamamelis virginiana	Witch Hazel
6	Hydrangea arborescens	Smooth Hydrangea
3	Hypericum prolificum	Shrubby St. Johnswort
3-9	Itea virginica	Sweetspire
9	Ilex glabra	Inkberry
10	Ilex verticillata	Winterberry Holly
6	Kalmia latifolia	Mountain Laurel
8	Lindera benzoin	Spicebush
6	Lonicera canadensis	American Fly Honeysuckle
12	Lyonia ligustrina	He-huckleberry
12	Physocarpus opulifolius	Common Ninebark
15	Rhododendron arborescens	Sweet Azalea
10	Rhododendron canadense	Catawba Rhododendron
20	Rhododendron maximum	Rosebay Rhododendron
9	Rhododendron roseum	Roseshell Azalea
6	Rhododendron nudiflorum	Pinxterbloom Azalea
6	Rhododendron viscosum	Swamp Azalea
8	Rhus aromatica	Fragrant Sumac
20	Rhus copallina	Flameleaf Sumac
15	Rhus glabra	Smooth Sumac
20	Rhus typhina	Staghorn Sumac
6	Ribes americanum	American Black Currant

Native Shrubs, continued

Height in Feet		
at Maturity	Scientific Name	Common Name
6	Ribes cynobati	Pasture Gooseberry
4	Rosa Carolina	Carolina Rose
12	Salix humilis	Prairie Willow
20	Salix lucida	Shining Willow
12	Sambucus canadensis	Elderberry
12	Sambucus pubens	Scarlet Elder
6	Spirea alba	Narrowleaf Meadowsweet
		Spirea
4	Spirea corymbosa	Corymed Spirea
6	Spirea tomentosa	Hardhack Spirea
12	Staphylea trifolia	American Bladdernut
6	Symphoricarpos albus leavigatus	Snowberry
5	Symphoricarpos orbiculatus	Coralberry
6	Taxus Canadensis	Canada Yew
2	Vaccinium angustifolium	Lowbush Blueberry
6	Vaccinium corymbosum	Highbush Blueberry
12	Vaccinium stamineum	Common Deerberry
5	Viburnum acerifolium	Mapleleaf Viburnum
6	Viburnum cassinoides	Witherod
10	Viburnum dentatum	Arrowwood
15	Viburnum nudum	Smooth Witherod
10	Viburnum rafinesquianum	Rafinesque Viburnum
10	Viburnum trilobum	American Cranberrybush Viburnum
6	Yucca filamentosa	Adamsneedle Yucca

The following resources provide additional information:

- 1. http://findnativeplants.com/mid-atlantic/pennsylvania-native-plants/ This site lists the nurseries in Pennsylvania that sell native plants.
- 2. Hightshoe, Gary L. <u>Native Trees, Shrubs, and Vines for Urban and Rural America</u> 1988. John Wiley & Sons. New York.
- 3. Rhoads, Ann and Block, Timothy. The Plants of Pennsylvania. 2007. Univ. of Pennsylvania Press. Philadelphia.
- 4. Vincent Cotrone Urban Forester Penn State Cooperative Extension 16 Luzerne Avenue, Suite 200 West Pittston, PA 18643 (570) 825-1701 (570) 825-1709 fax vjc1@psu.edu http://www.patrees.org/

APPENDIX D

APPENDIX D

OPERATION AND MAINTENANCE (O&M) AGREEMENT STORMWATER MANAGEMENT (SWM) FACILITIES

THIS AGREEMENT, made and entered into this _____ day of ____, 20___, by and between_____, (hereinafter the "Landowner"), and The Township of West Providence, Bedford County, Pennsylvania, (hereinafter "Township");

WITNESSETH:

WHEREAS, the Landowner is the owner of certain real property as recorded by deed in the land records of Bedford County, Pennsylvania, Deed Book ______ Page_____ and/or Instrument Number______ (hereinafter "Property").

WHEREAS, the Landowner is proceeding to build and develop the Property; and

WHEREAS, the SWM Facilities Operation and Maintenance (O&M) Plan approved by the Municipality (hereinafter referred to as the "O&M Plan") for the property identified herein, which is attached hereto as Appendix A and made part hereof, as approved by the Township, provides for management of stormwater within the confines of the Property through the use of Stormwater Management Best Management Practices (BMPs); and

WHEREAS, the Township, and the Landowner, his successors and assigns, agree that the health, safety, and welfare of the residents of the Township and the protection and maintenance of water quality require that on-site SWM Facilities be constructed and maintained on the Property; and

WHEREAS, the Township requires, through the implementation of the SWM Site Plan, that SWM Facilities as required by said SWM Site Plan and the Municipal Subdivision and Land Development Ordinance be constructed and adequately operated and maintained by the Landowner, successors, and assigns. **NOW, THEREFORE**, in consideration of the foregoing promises, the mutual covenants contained herein, and the following terms and conditions, the parties hereto agree as follows:

- 1. The Landowner shall construct the SWM Facilities in accordance with the plans and specifications identified in the SWM Site Plan.
- 2. The Landowner shall operate and maintain the SWM Facilities as shown on the SWM Plan in good working order in accordance with the specific operation and maintenance requirements noted on the approved O&M Plan.
- 3. The Landowner hereby grants permission to the Township, its authorized agents and employees, to enter upon the property, at reasonable times and upon presentation of proper credentials, to inspect the SWM Facilities whenever necessary. Whenever possible, the Township shall notify the Landowner prior to entering the property.
- 4. In the event the Landowner fails to operate and maintain the SWM Facilities per paragraph 2, the Township or its representatives may enter upon the Property and take whatever action is deemed necessary to maintain said SWM Facilities. It is expressly understood and agreed that the Township is under no obligation to maintain or repair said facilities, and in no event shall this Agreement be construed to impose any such obligation on the Township.
- 5. In the event the Township, pursuant to this Agreement, performs work of any nature, or expends any funds in performance of said work for labor, use of equipment, supplies, materials, and the like, the Landowner shall reimburse the Township for all expenses (direct and indirect) incurred, within 10 days of receipt of invoice from the Township. Should the Landowner fail to pay said invoice, the Township may collect the same plus a penalty of 10% by summary proceedings or under law for the collection of municipal liens and attorney's fees and costs incurred in connection therewith.
- 6. The intent and purpose of this Agreement is to ensure the proper maintenance of the onsite SWM Facilities by the Landowner; provided, however, that this Agreement shall not be deemed to create or affect any additional liability of any party for damage alleged to result from or be caused by stormwater runoff.

- 7. The Landowner, its executors, administrators, assigns, and other successors in interests, shall release the Township from all damages, accidents, casualties, occurrences, or claims which might arise or be asserted against said employees and representatives from the construction, presence, existence, or maintenance of the BMP(s) by the Landowner or Township.
- 8. This Agreement shall be recorded at the Office of the Recorder of Deeds of Bedford County, Pennsylvania, and shall constitute a covenant running with the Property and/or equitable servitude, and shall be binding on the Landowner, his administrators, executors, assigns, heirs, and any other successors in interests, in perpetuity.

IN WITNESS WHEREOF, the parties hereto and/or their authorized representatives set forth their hands and seals as of the day and year above written.

ATTEST:	TOWNSHIP
Secretary	BY Chairman
WITNESS	LANDOWNER

COMMONWEALTH OF PENNSYLVANIA : : SS COUNTY OF BEDFORD :

On the ______ day of ______, 2021, before me, the undersigned officer, personally appeared Brandon Chamberlain, Chairman, West Providence Township, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purpose therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public

COMMONWEALTH OF PENNSYLVANIA	:	
	: SS	
COUNTY OF	:	
On the day of	, 2021, before me, the	

undersigned officer, personally appeared ______, known to me (or satisfactorily proven) to be the person(s) whose name(s) is (are) subscribed to the within instrument, and acknowledged that he/she/they executed the same for the purpose(s) therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public