



Required Type 2 Buffer along Gettysburg Pike (collector street):
total street frontage at proposed right-of-way = 301 feet

SYMBOL		BUFFER REQUIREMENTS AND CALCULATIONS	
	Requirement: 1 deciduous shade tree required per 40 linear feet. Calculation: 301 linear feet of frontage ÷ 40 = 8 trees required. 8 trees are provided. Type may include the following: oak; maple; beech; black gum; cherry; birch; ash; sycamore; zelkova; redbud; dogwood.		
	Requirement: 1 evergreen tree required per 30 linear feet. Calculation: 301 linear feet of frontage ÷ 30 = 10 trees required. 10 trees are provided. Species may include the following: pine; spruce; fir; cedar; loblolly cypress.		
	Requirement: 1 deciduous or evergreen shrub required per 20 linear feet. At least 60% of shrubs shall be evergreen. Calculation: 301 linear feet of frontage ÷ 20 = 15 shrubs required. 15 shrubs are provided. 9 of 15 shrubs shall be evergreen, which may include the following species: yew; arborvitae; false cypress; holly; upright juniper; dwarf pine.		

Required Type 1 Buffer between townhouses and single family use
now or formerly of Jeffrey Crowover and Lot #3

SYMBOL		BUFFER REQUIREMENTS AND CALCULATIONS	
	Requirement: 1 deciduous shade tree required per 50 linear feet. Calculation: 195 linear feet ÷ 50 = 4 trees required. 10 trees are provided. Type may include the following: cherry; birch; redbud; dogwood; serviceberry.		
	Requirement: 1 evergreen tree required per 40 linear feet. Calculation: 195 linear feet ÷ 40 = 5 trees required. 17 trees are provided. Species may include the following: pine; spruce; fir; cedar; loblolly cypress.		

Required Type 1 Buffer between townhouses and single family lots
now or formerly of Timothy F. Straub, Timothy A. Benner, and Terri L. Johnson

SYMBOL		BUFFER REQUIREMENTS AND CALCULATIONS	
	Requirement: 1 deciduous shade tree required per 50 linear feet. Calculation: 421 linear feet ÷ 50 = 8 trees required. 8 trees are provided. Type may include the following: cherry; birch; redbud; dogwood; serviceberry.		
	Requirement: 1 evergreen tree required per 40 linear feet. Calculation: 421 linear feet ÷ 40 = 11 trees required. 11 trees are provided. Species may include the following: pine; spruce; fir; cedar; loblolly cypress.		

PLANT SCHEDULE FOR RAIN GARDEN #1

SYMBOL	QTY.	COMMON NAME	BOTANICAL NAME	NATIVE (Y/N)	MIN. SIZE (at planting time)	SEASONING & LOCATION
	5	NEW ENGLAND ASTER	Aster novae-angliae	X	1 GAL. CONT.	4'-5" O.C.; SEE PLAN
	6	ARROW HOOD VIBURNUM OR BLACKBERRY VIBURNUM	Viburnum dentatum or Viburnum prunifolium	X	2'-3" HIGH	8' O.C.; SEE PLAN
	2	REDBUD	Cercis canadensis	X	3'-4" HIGH	SEE PLAN

PLANT SCHEDULE FOR RAIN GARDEN #4

SYMBOL	QTY.	COMMON NAME	BOTANICAL NAME	NATIVE (Y/N)	MIN. SIZE (at planting time)	SEASONING & LOCATION
	10	NEW ENGLAND ASTER	Aster novae-angliae	X	1 GAL. CONT.	4'-5" O.C.; SEE PLAN
	8	ARROW HOOD VIBURNUM OR BLACKBERRY VIBURNUM	Viburnum dentatum or Viburnum prunifolium	X	2'-3" HIGH	8' O.C.; SEE PLAN
	10	WINTER BERRY	ILEX VERTICILLATA (cut 1 made in each rain garden)	X	3'-4" HIGH	8' O.C.; SEE PLAN
	16	CHOKEBERRY	ARONIA ARBUTIFOLIA	X	2'-3" HIGH	8' O.C.; SEE PLAN

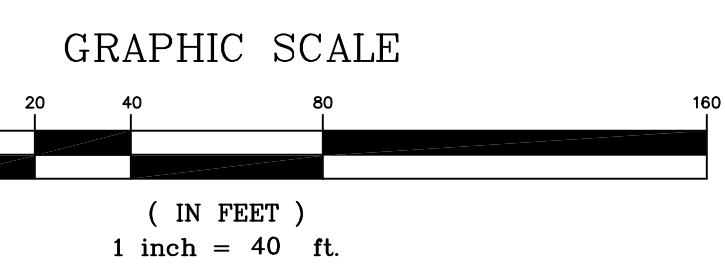
PLANT SCHEDULE FOR RAIN GARDEN #2

SYMBOL	QTY.	COMMON NAME	BOTANICAL NAME	NATIVE (Y/N)	MIN. SIZE (at planting time)	SEASONING & LOCATION
	5	NEW ENGLAND ASTER	Aster novae-angliae	X	1 GAL. CONT.	4'-5" O.C.; SEE PLAN
	4	ARROW HOOD VIBURNUM OR BLACKBERRY VIBURNUM	Viburnum dentatum or Viburnum prunifolium	X	2'-3" HIGH	8' O.C.; SEE PLAN
	1	REDBUD	Cercis canadensis	X	3'-4" HIGH	SEE PLAN

PLANT SCHEDULE FOR RAIN GARDEN #3

SYMBOL	QTY.	COMMON NAME	BOTANICAL NAME	NATIVE (Y/N)	MIN. SIZE (at planting time)	SEASONING & LOCATION
	5	NEW ENGLAND ASTER	Aster novae-angliae	X	1 GAL. CONT.	4'-5" O.C.; SEE PLAN
	1	ARROW HOOD VIBURNUM OR BLACKBERRY VIBURNUM	Viburnum dentatum or Viburnum prunifolium	X	2'-3" HIGH	8' O.C.; SEE PLAN

LANDSCAPE ARCHITECT SEAL
(for landscape design only)



LEGEND

- 398 PROPOSED 1' or 2' CONTOUR
- 400 PROPOSED 10' CONTOUR
- 418 Existing 2' Contour
- 420 Existing 10' Contour
- MH 110 PROPOSED 8" SANITARY SEWER, MH, ID#
- S21 PROPOSED STORM SEWER, INLET, ID#
- W PROPOSED 8" WATER MAIN & HYDRANT; VALVE
- PROPOSED EDGE OF PAVING
- PROPOSED ROLLED CURBING (see detail)
- PROPERTY LINE
- PROPOSED RIP RAP
- PROPOSED STREET LIGHT
- PROPOSED WALK
- Road Sign
- Existing Utility Pole
- Existing Sanitary Sewer, MH, ID#
- Existing Storm Sewer, Inlet
- Existing Edge of Pavement
- Existing Building
- PROPOSED STREET TREE (see detail)
- PROPOSED TOWNHOUSE BUILDING:
 - deck or patio
 - unit boundary
 - unit floor elev.
 - FFE first floor elev.
 - BFE basement floor elev.
 - walk to front porch
 - paved driveway

DATE	REVISION	No.
02/28/10	DATE SUBMITTED	1



R. J. FISHER & ASSOCIATES, INC.
 LAND PLANNING & DEVELOPMENT DESIGN • PROPERTY & TOPO. SURVEYS
 LANDSCAPE ARCHITECTURE • WETLANDS IDENTIFICATION & DELINEATION
 1546 BRIDGE STREET, NEW CUMBERLAND, PA. 17070
 (717) 774-7634 FAX (717) 774-7190

LANDSCAPE & BUFFER PLAN
 FOR
THE TERRACES AT SHEPHERDSTOWN
 LOCATED IN UPPER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PA.

DRAWING ID: 210014-LANDSCAPE
 DATE: 10/28/10
 SHEET 5 OF 14