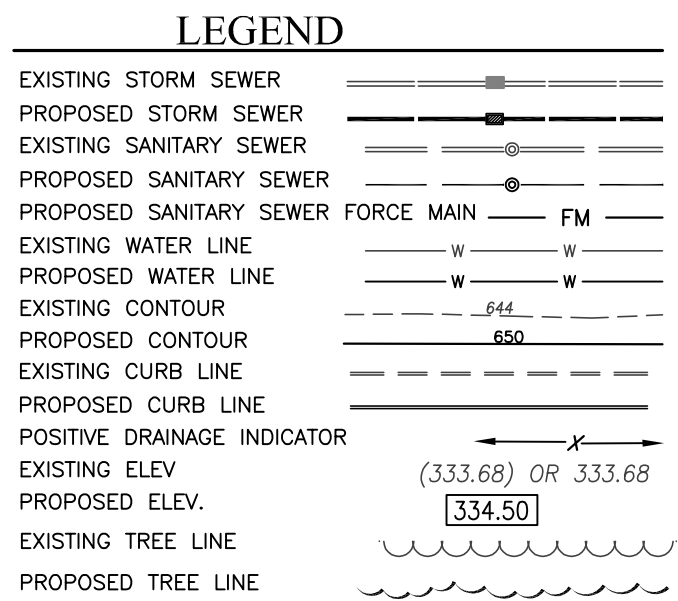
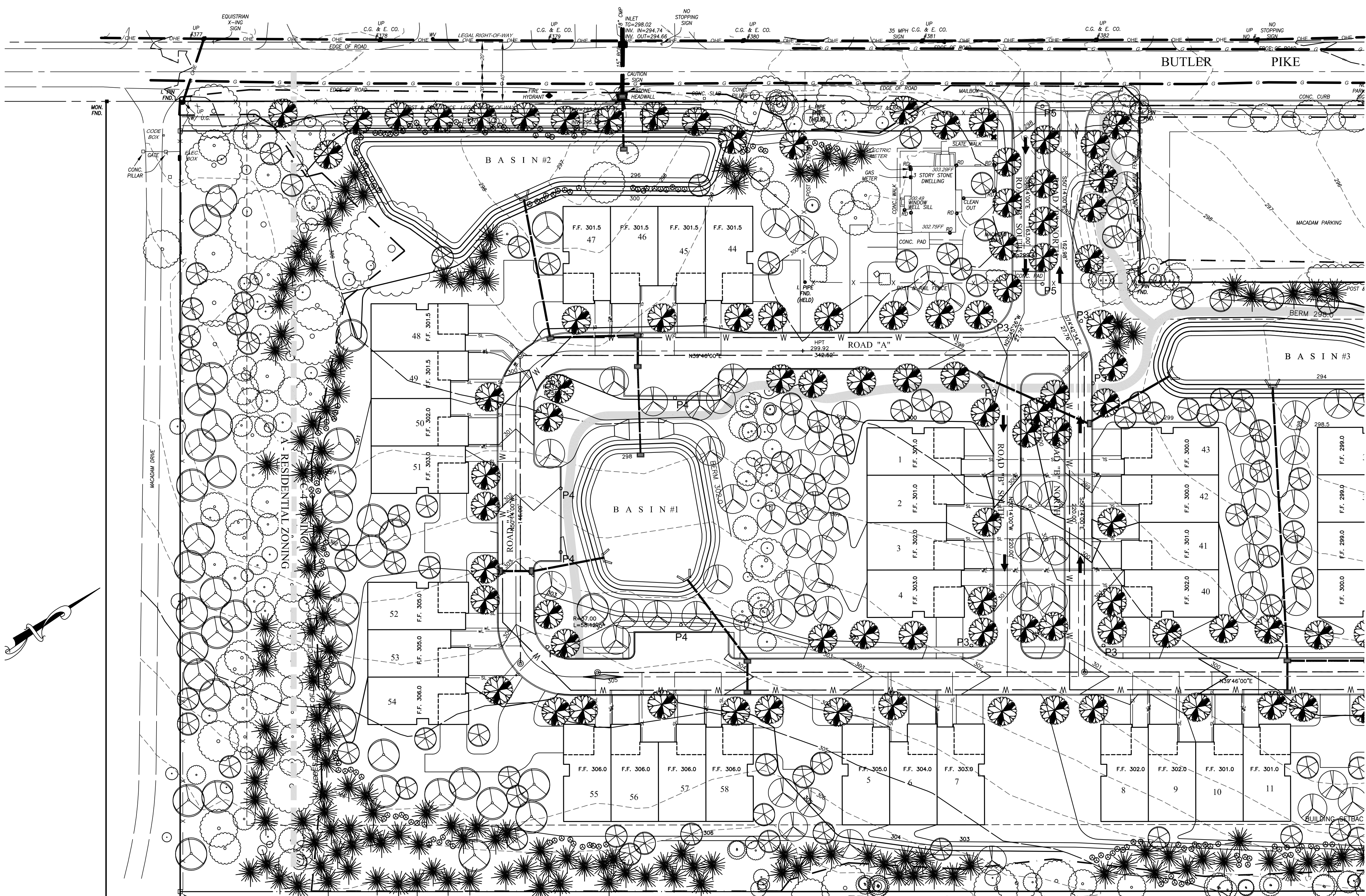




STOP—CALL BEFORE YOU DIG!

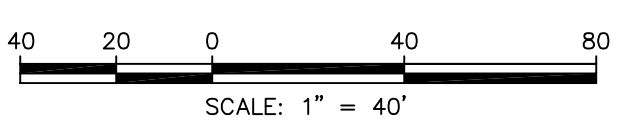
LOCATION OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM EXISTING RECORDS AND/OR ABOVE-GROUND INSPECTION. IT IS THE USER'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES AND FACILITIES BEFORE START OF WORK BY CALLING PA ONE CALL SYSTEM THREE DAYS PRIOR TO EXCAVATION. REFERENCE PENNSYLVANIA ACT 287 AS AMENDED BY ACT 181 (2006).

WORK LOCATION: MCL-26170841435

PA ONE CALL

Schedule										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
⦿	P3	14	PEMCO	CARL3-15W3K-CA-TYPE III	CARLSBAD 3 POST TOP LUMINAIRE W/ CLEAR ACRYLIC LENS	SAMSUNG 351B 35PCS	1	1913	0.95	15
⦿	P4	10	PEMCO	CARL3-15W3K-CA-TYPE IV	CARLSBAD 3 POST TOP LUMINAIRE W/ CLEAR ACRYLIC LENS	SAMSUNG 351B 35PCS	1	1848	0.95	15
⦿	P5	3	PEMCO	CARL3-15W3K-CA-TYPE V	CARLSBAD 3 POST TOP LUMINAIRE W/ CLEAR ACRYLIC LENS	SAMSUNG 351B 35PCS	1	2389	0.95	15

Lighting Notes:
1. LUMINAIRES ARE MOUNTED ON 12' POLE WITH THE CENTER OF THE LIGHT AT 14'
2. CALCULATIONS ARE ESTIMATIONS BASED ON INFORMATION PROVIDED AND MAY VARY WITH ACTUAL CONDITIONS



PLANTING SCHEDULE									
SYMBOL	BOTANICAL NAME	NATIVE	COMMON NAME	SIZE	ROOT	QUANTITY	REMARKS		
SYMBOL	BOTANICAL NAME	NATIVE	COMMON NAME	SIZE	ROOT	QUANTITY	REMARKS	SYMBOL	REMARKS
STREET TREE	ARA Acer rubrum 'Autumn Flame'	*	Autumn Flame Red Maple	3" Min. Cal.	B & B		LIMB UP STREET TREES TO A MIN. OF 6'-8' ABOVE ADJACENT GROUND.		
	AS Acer saccharum	*	Sugar Maple	3" Min. Cal.	B & B				
PARKING LOT TREE	ARA Acer rubrum 'Autumn Flame'	*	Autumn Flame Red Maple	3" Min. Cal.	B & B		LIMB UP STREET TREES TO A MIN. OF 6'-8' ABOVE ADJACENT GROUND.		
	AS Acer saccharum	*	Sugar Maple	3" Min. Cal.	B & B				
	PA Platanus acerifolia 'Bloodgood'	*	Bloodgood London Planetree	3" Min. Cal.	B & B				
	ZS Zelcova serrata 'Green Vase'	*	Green Vase Zelcova	3" Min. Cal.	B & B				
CLASS B BUFFER EVERGREEN TREE	AC Abies concolor		White Fir	Min. 10'	B & B				
	NS Picea abies		Norway Spruce	Min. 10'	B & B				
	SS Picea omorika		Serbian Spruce	Min. 10'	B & B				
	PP Picea pungens		Colorado Spruce	Min. 10'	B & B				
	PM Pseudotsuga menziesii (taxifolia)		Douglas Fir	Min. 10'	B & B				
	TP Thuja Placata x standishii 'Green Giant'		Green Giant Arborvitae	14-16'	B & B				
CLASS B BUFFER EVERGREEN SHRUB	IG Ilex glabra	*	Inkberry	24-30"	B & B		SHRUBS SHALL BE CHOSEN FROM THIS APPROVED LIST AND PLANTED IN GROUPINGS OF LIKE SPECIES. SPACE SHRUBS ON 3'-4' CENTERS IN BEDS 12" WITH 3" SHREDDED BARK MULCH		
	MP Myrica pennsylvanica	*	Northern Bayberry	24-30"	B & B				
	PM Pinus mugo var. mugo	*	Dwarf Mugo Pine	24-30"	B & B				
	BS Buxus sempervirens	*	Common Boxwood	24-30"	B & B				
	CO Chamaecyparis obtusa 'Nana'	*	Dwarf Hinoki Falsecypress	24-30"	B & B				
	LF Leucothoe fontanesiana	*	Drooping Leucothoe	24-30"	B & B				
BASIN SHRUB	Aronia Arbutifolia	*	Red Chokeberry	18" HT	B & B		SHRUBS SHALL BE CHOSEN FROM THIS APPROVED LIST AND PLANTED IN GROUPINGS OF LIKE SPECIES. SPACE SHRUBS ON 3'-4' CENTERS IN BEDS 12" WITH 3" SHREDDED BARK MULCH		
	Cornus Racemosa	*	Grey Dogwood	18" HT	B & B				
	Cornus sericea	*	Redosier Dogwood	18" HT	B & B				
	Ilex verticillata	*	Winterberry	18" HT	B & B				
	Salix Purpurea 'Strombos'	*	Strombos Willow	18" HT	B & B				
	Salix X. Cottlei	*	Bankers Willow	18" HT	B & B				
ORNAMENTAL GRASS	Acorus Calamus	*	Sweet Flag	No. 2 Cont.	B & B				
	Coriaria Selloana Pumila	*	Pampas Grass	No. 2 Cont.	B & B				
	Miscanthus Sinensis gracillimus	*	Maiden Grass	No. 2 Cont.	B & B				
REPLACEMENT TREE SHADE TREE	AS Acer saccharum	*	Sugar Maple	3" Min. Cal.	B & B				
	ASC Acer saccharum 'Columnare'	*	Columnar Sugar Maple	3" Min. Cal.	B & B				
	AR Acer rubrum	*	Red Maple	3" Min. Cal.	B & B				
	ARC Acer rubrum 'Columnare'	*	Columnar Red Maple	3" Min. Cal.	B & B				
	PA Platanus acerifolia 'Bloodgood'	*	Bloodgood London Planetree	3" Min. Cal.	B & B				
	QP Quercus phellos	*	Willow Oak	3" Min. Cal.	B & B				
	TD Taxodium distichum	*	Common Baldcypress	3" Min. Cal.	B & B				
REPLACEMENT TREE FLOWERING TREE	SB Amelanchier canadensis	*	Shadblow Serviceberry	8-10'	B & B				
	BN Betula nigra	*	River Birch	8-10'	B & B				
	CK Cornus kousa	*	Kousa Dogwood	8-10'	B & B				
	OA Oxydendron arboreum	*	Sourwood	8-10'	B & B				
REPLACEMENT TREE EVERGREEN TREE	NS Picea abies		Norway Spruce	Min. 10'	B & B				
	PS Pinus strobus	*	White Pine	Min. 10'	B & B				
	TP Thuja Placata x standishii 'Green Giant'		Green Giant Arborvitae	14-16'	B & B				
REPLACEMENT SHRUB	SJ Spiraea japonica 'Gold Mound'	*	'Gold Mound' Spiraea	24" MIN.	B & B		SHRUBS SHALL BE CHOSEN FROM THIS APPROVED LIST AND PLANTED IN GROUPINGS OF LIKE SPECIES. SPACE SHRUBS ON 3'-4' CENTERS IN BEDS 12" WITH 3" SHREDDED BARK MULCH		
	VO Viburnum dentatum	*	Arrowwood Viburnum	24" MIN.	B & B				
	CS Cornus sericea	*	Redosier Dogwood	24" MIN.	B & B				
	VT Viburnum trilobum	*	American Cranberry Viburnum	24" MIN.	B & B				

NOTE: For deciduous trees & shrubs with a native species option, 50% must be native and are considered a permanent BMP for Postconstruction stormwater management. refer to PCSM Plans.
*Indicates Native Species

- NOTES:
1. ALL BEDS SHALL HAVE A MINIMUM OF THREE (3) INCHES OF SHREDDED HARDWOOD MULCH (OR EQUAL).
 2. DEER PROTECTION SHALL BE PROVIDED FOR ALL DECIDUOUS TREES AND SHALL BE REMOVED AT THE END OF THE GUARANTEE PERIOD.
 3. DO NOT CUT LEADER OF DECIDUOUS TREE.
 4. NO SHADE TREE SHOULD BE PLANTED CLOSER THAN 5 FEET FROM SIDEWALKS, 10 FEET FROM UNDERGROUND UTILITIES AND 15 FEET FROM OVERHEAD UTILITIES.
 5. NO PLANTS, EXCEPT GROUND COVER SHALL BE PLANTED LESS THAN TWO (2) FEET FROM A STRUCTURE, WALK OR CURBLINE.
 6. ALL PLANTS SHALL BE CERTIFIED DISEASE AND PEST FREE.
 7. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF EIGHTEEN (18) MONTHS IN THE SAME MANNER AS OTHER REQUIRED IMPROVEMENTS, ACCORDING TO SECTION 154-56C OF THE WHITEMARSH TOWNSHIP SUBDIVISION AND LAND DEVELOPMENT ORDINANCE.
 8. PROTECTIVE FENCING SHALL BE PLACED AROUND TREES ON THE PROPERTY TO BE PRESERVED AS SHOWN PRIOR TO CONSTRUCTION. STREET TREES AND OTHER REQUIRED PLANT MATERIAL SHALL NOT BE PLANTED UNTIL THE FINISHED GRADING HAS BEEN COMPLETED.
 9. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE WHITEMARSH TOWNSHIP SHADE TREE COMMISSION PRIOR TO THE START OF CONSTRUCTION.

"LONGFIELD FARM"

PRELIMINARY PLAN - NOT TO BE RECORDED

REVISION DATE: DESCRIPTION:

DATE: JUNE 12, 2019

MANAGER: RFI JOB NUMB: 17-02

DRAWN BY: RFI FILE NAME: 17-02BASE

SCALE: 1" = 40' SHEET: 7 OF 27

LANDSCAPING & LIGHTING PLAN

PREPARED FOR

SPARTAN ORGANIZATION

SITUATE

WHITEMARSH TOWNSHIP

MONTGOMERY COUNTY PENNSYLVANIA

Land Use Consultants

Herhardt

Mentis

INCORPORATED

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215-541-4023 (fax)
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