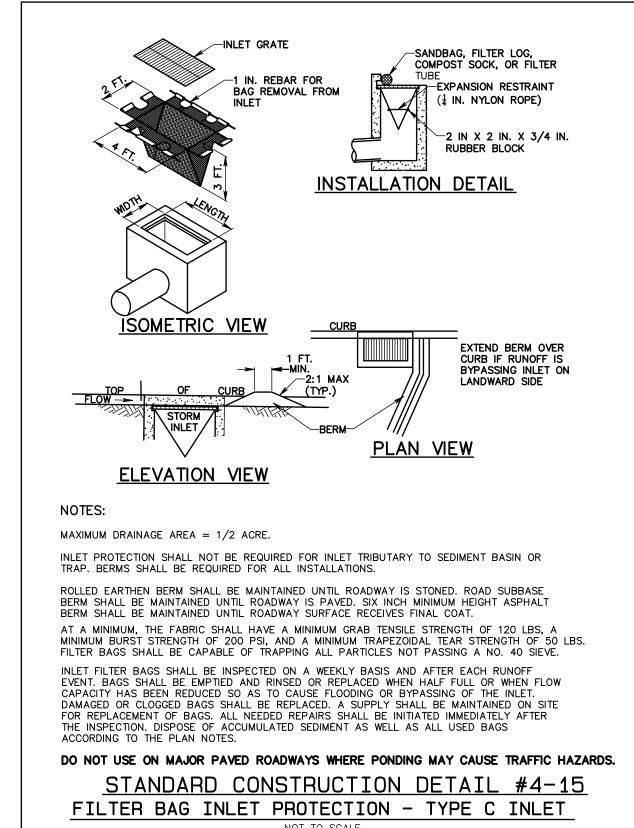
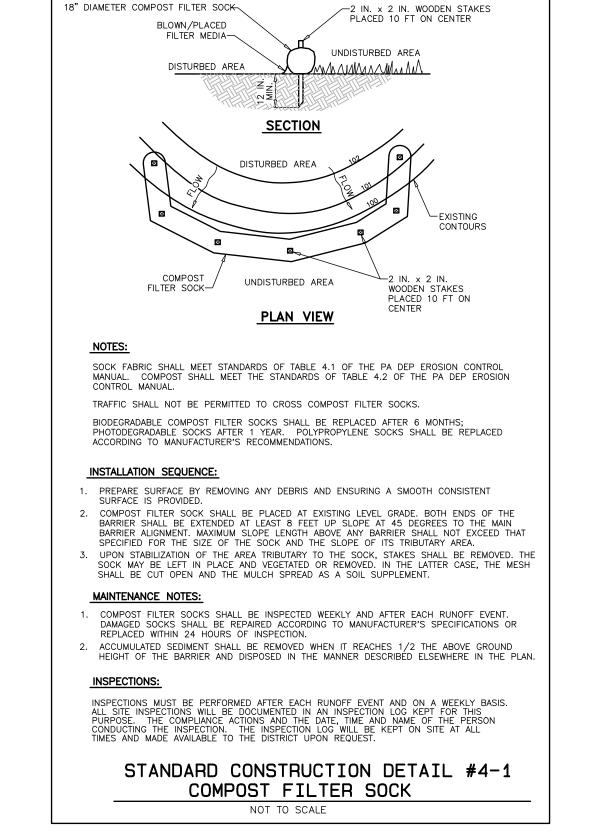
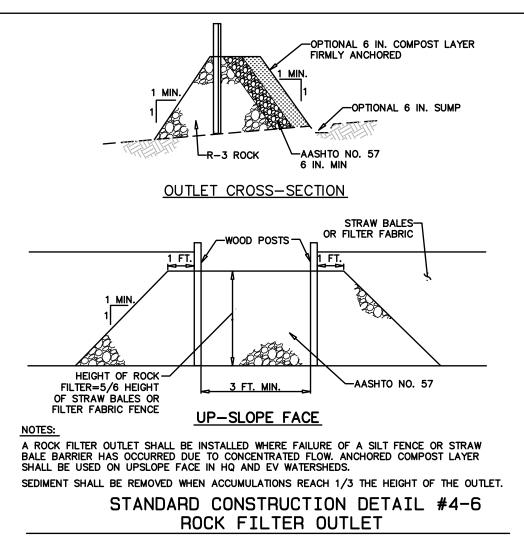
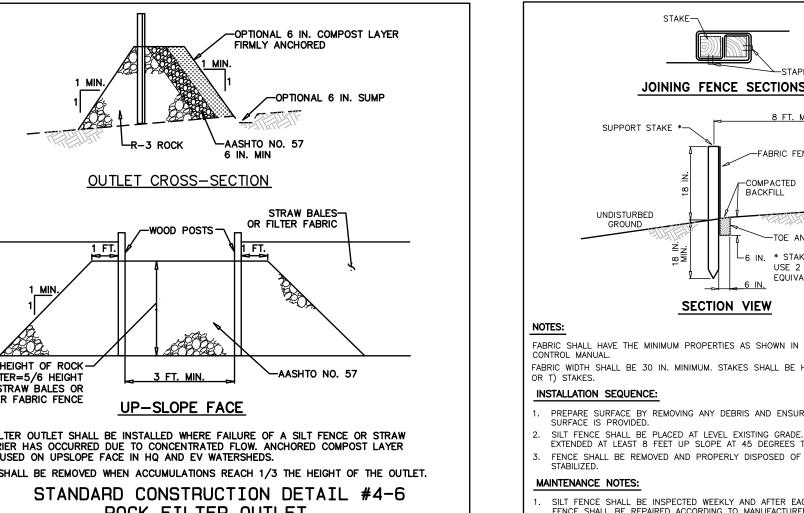


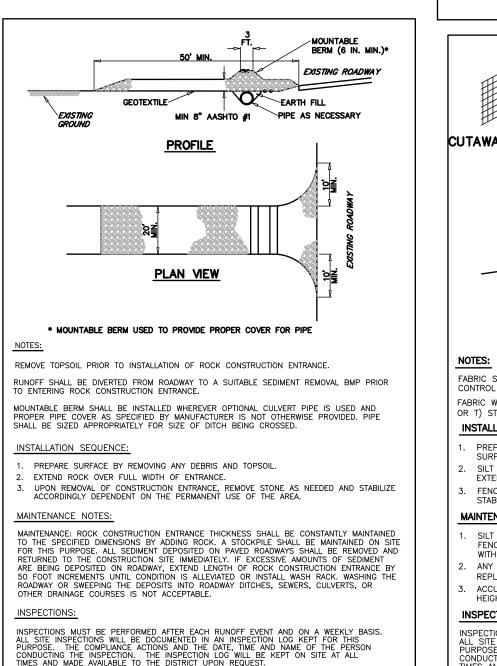
NOTE: THE NOTED SWALES HAVE BEEN PREVIOUSLY CONSTRUCTED AND MADE OPERATIONAL





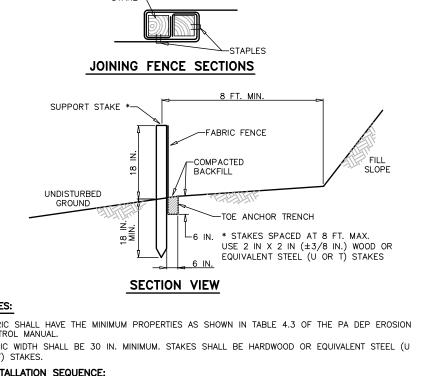






STANDARD CONSTRUCTION DETAIL #3-1

ROCK CONSTRUCTION ENTRANCE



FABRIC SHALL HAVE THE MINIMUM PROPERTIES AS SHOWN IN TABLE 4.3 OF THE PA DEP EROSION FABRIC WIDTH SHALL BE 30 IN. MINIMUM. STAKES SHALL BE HARDWOOD OR EQUIVALENT STEEL (U

PREPARE SURFACE BY REMOVING ANY DEBRIS AND ENSURING A SMOOTH CONSISTENT SILT FENCE SHALL BE PLACED AT LEVEL EXISTING GRADE. BOTH ENDS OF THE FENCE SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT. FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN TRIBUTARY AREA IS PERMANENTLY

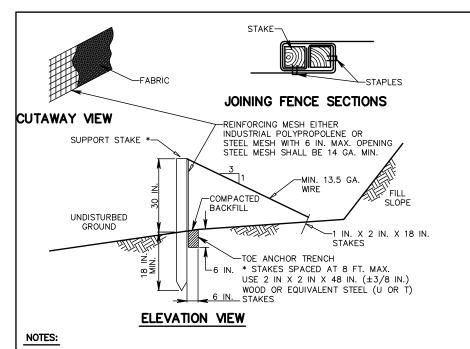
SILT FENCE SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED FENCE SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED

ANY SECTION OF SILT FENCE WHICH HAS BEEN UNDERMINED OR TOPPED SHALL BE IMMEDIATELY

REPLACED WITH A ROCK FILTER OUTLET (STANDARD CONSTRUCTION DETAIL # 4-6). ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

INSPECTIONS MUST BE PERFORMED AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL SITE INSPECTIONS WILL BE DOCUMENTED IN AN INSPECTION LOG KEPT FOR THIS PURPOSE. THE COMPLIANCE ACTIONS AND THE DATE, TIME AND NAME OF THE PERSON CONDUCTING THE INSPECTION. THE INSPECTION LOG WILL BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

STANDARD CONSTRUCTION DETAIL #4-7 STANDARD SILT FENCE (18" HIGH)



FABRIC SHALL HAVE THE MINIMUM PROPERTIES AS SHOWN IN TABLE 4.3 OF THE PA DEP EROSION FABRIC WIDTH SHALL BE 30 IN. MINIMUM. STAKES SHALL BE HARDWOOD OR EQUIVALENT STEEL (U

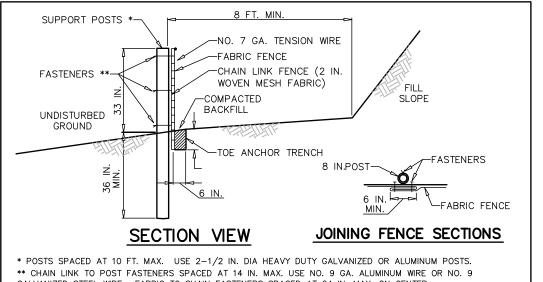
INSTALLATION SEQUENCE: SURFACE IS PROVIDED.

SILT FENCE SHALL BE PLACED AT LEVEL EXISTING GRADE. BOTH ENDS OF THE FENCE SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT. FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN TRIBUTARY AREA IS PERMANENTLY MAINTENANCE NOTES:

SILT FENCE SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED FENCE SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION. ANY SECTION OF SILT FENCE WHICH HAS BEEN UNDERMINED OR TOPPED SHALL BE IMMEDIATEL REPLACED WITH A ROCK FILTER OUTLET (STANDARD CONSTRUCTION DETAIL # 4-6). ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUN HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBÉD ELSEWHERE IN THE PLAN.

INSPECTIONS MUST BE PERFORMED AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL SITE INSPECTIONS WILL BE DOCUMENTED IN AN INSPECTION LOG KEPT FOR THIS PURPOSE. THE COMPLIANCE ACTIONS AND THE DATE, TIME AND NAME OF THE PERSON CONDUCTING THE INSPECTION. THE INSPECTION LOG WILL BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

STANDARD CONSTRUCTION DETAIL #4-8 REINFORCED SILT FENCE (30" HIGH)



GALVANIZED STEEL WIRE. FABRIC TO SHAIN FASTENERS SPACED AT 24 IN. MAX. ON CENTER.

FABRIC SHALL HAVE THE MINIMUM PROPERTIES AS SHOWN IN TABLE 4.3 OF THE PA DEP EROSION CONTROL MANUAL. FABRIC WIDTH SHALL BE 42 IN. MINIMUM. POSTS SHALL BE INSTALLED USING A POSTHOLE DRILL

CHAIN LINK SHALL BE GALVANIZED NO. 11.5 GA. STEEL WIRE WITH 2-1/4 IN. OPENING, NO. 11 GA. ALUMINUM COATED STEEL WIRE IN ACCORDANCE WITH ASTM-A-491, OR GALVANIZED NO. 9 GA. STEEL WIRE TOP AND BOTTOM WITH GALVANIZED NO. 11 GA. STEEL INTERMEDIATE WIRES. NO. 7 GAGE TENSION WIRE TO BE INSTALLED HORIZONTALLY THROUGH HOLES AT TOP AND BOTTOM OF CHAIN-LINK FENCE OR ATTACHED WITH HOG RINGS AT 5 FT MAX. CENTERS.

INSTALLATION SEQUENCE: PREPARE SURFACE BY REMOVING ANY DEBRIS AND ENSURING A SMOOTH CONSISTENT SURFACE IS PROVIDED.

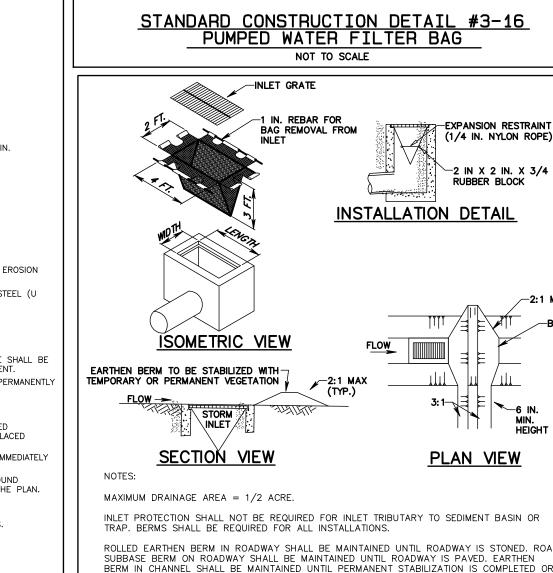
SILT FENCE SHALL BE PLACED AT LEVEL EXISTING GRADE. BOTH ENDS OF THE FENCE SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT. . FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN TRIBUTARY AREA IS PERMANENTLY

MAINTENANCE NOTES:

SILT FENCE SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED FENCE SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

ANY SECTION OF SILT FENCE WHICH HAS BEEN UNDERMINED OR TOPPED SHALL BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET (STANDARD CONSTRUCTION DETAIL # 4-6). ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

STANDARD CONSTRUCTION DETAIL #4-10



WELL VEGETATED, GRASSY AREA

FOLLOWING STANDARDS:

ELEVATION MEW

LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE

BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.

NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, WITHIN 50 FEET OF ANY

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED

FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY

-2 IN X 2 IN. X 3/4 IN.

ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.

THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

PREPARE SURFACE BY REMOVING ANY DEBRIS AND ENSURING A SMOOTH CONSISTENT AND WELL VEGETATED SURFACE IS PROVIDED.

UPON COMPLETION OF USE, THE FILTER BAG MUST BE REMOVED. ACCUMULATED SEDIMENT MUST BE PROPERLY PLACED IN PROTECTED AREA ON SITE AND STABILIZED WITH TEMPORARY SEED MIX AND MULCH.

RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS. ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD

BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

WELL VEGETATED, GRASSY AREA

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS. STANDARD CONSTRUCTION DETAIL #4-16 FILTER BAG INLET PROTECTION - TYPE M INLET

AMENDED



/8\ 10-1-13 REV. PER CCCD REVIEW COMMENTS 9-26-13

/7\ 8-5-13 UPDATE PLANS PER DEP CHAP 102 REQUIREMENTS $/_6$ \ 1-21-08 REV. PER GLACE & ASSOC. REVIEW LETTER DATED 1-9-08

√5\ 10-8-07 ADJUST GRADES PER CLIENT /4\ 3-26-07 REV. PER CCCD REVIEW COMMENTS

/3\ 2-08-07 REV. RIPARIAN BUFFER AREA/LAYOUT

10-04-06 REV. PER TWP. ENGR. REVIEW LETTER DATED 7-31-06

 $^{\prime}$ 1ackslash 10-26-05 REV. PER TWP. ENGR. REVIEW LETTER DATED 10-19-05 LAND DEVELOPMENT PLAN

GOSHEN LEISURE DEVELOPMENT

WEST GOSHEN TOWNSHIP

Edward B. Walsh & Associates, Inc. CIVIL ENGINEERS & SURVEYORS Whiteland Business Park

855 Springdale Drive, Suite 202 Exton, Pennsylvania 19341 Phone: 610-903-0060

Date- 3-10-04 Scale - 1" = 50*Drawn*− C.E. Checked- A.B. Sheet- 6 OF 12

CHESTER COUNTY,

Project- 2188

Plotted: 10/27/2020 | File: F:\JB\2188\FPS\2188-B14.pro

Fax: 610-903-0080

STANDARD CONSTRUCTION DETAIL #7-5 SUPER SILT FENCE TRASH RACK AND ANTI-VORTEX DEVICE

STEEL PLATE
(3/16 IN. THICKNESS)

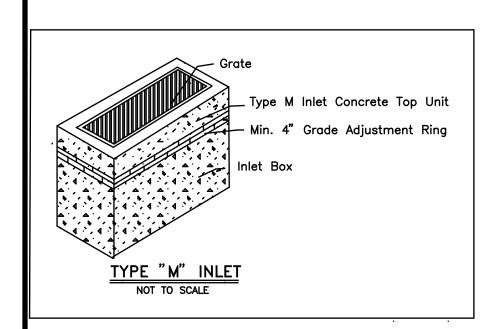
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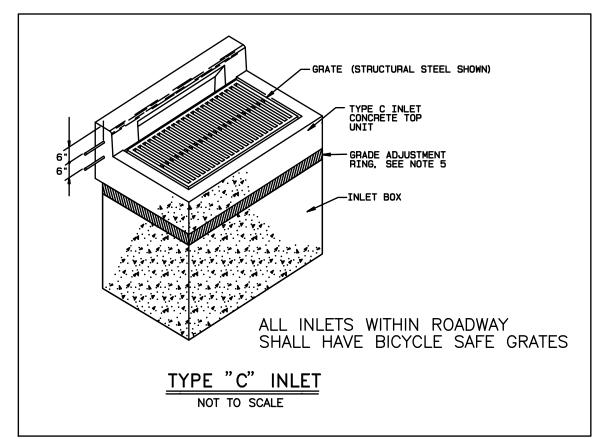
T - THICKNESS OF RISER PIPE

d - DIAMETER OF OUTLET PIPE

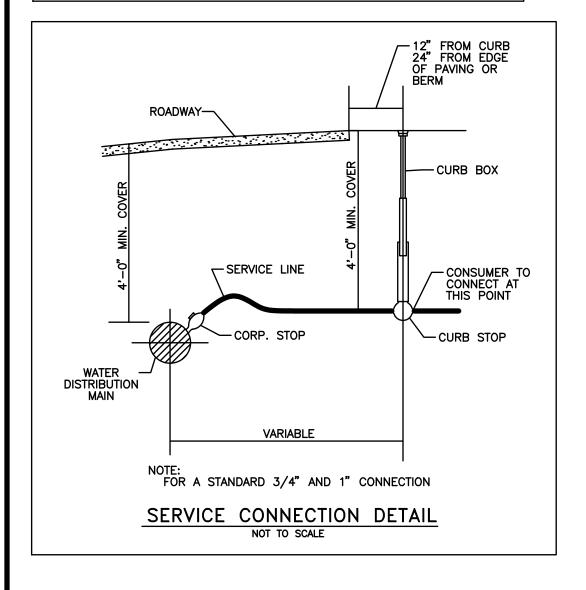
D - DIAMETER OF RISER PIPE

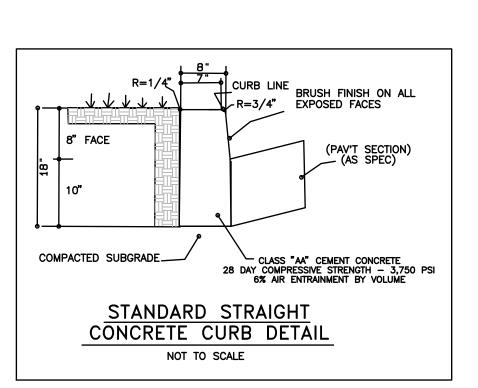
ANTI-VORTEX DEVICE

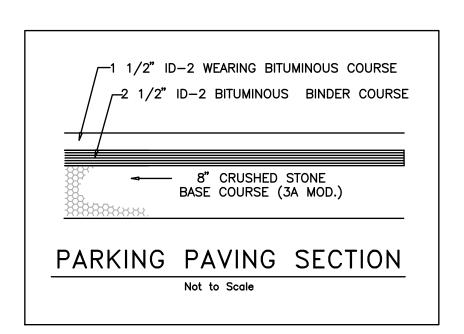


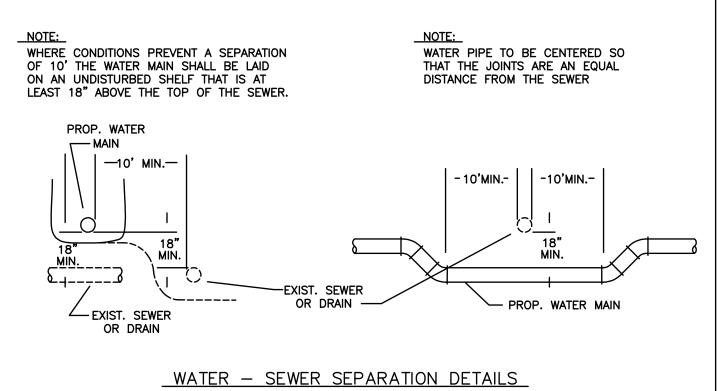


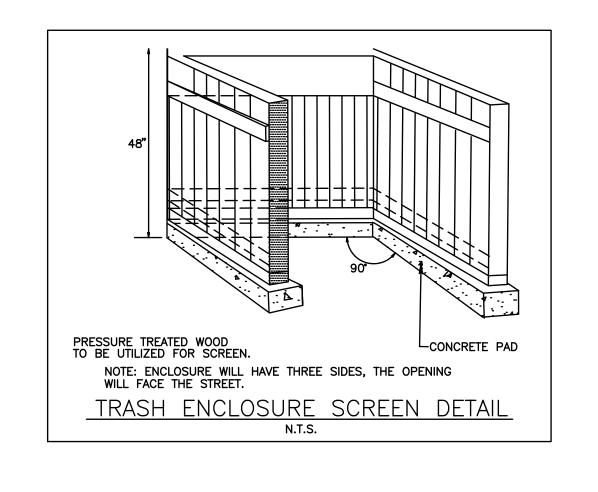
NOTE #5: GRADE ADJUSTMENT RING A MINIMUM OF TWO (2) COURSE OF BRICK MASONRY OR GRADE RING SHALL BE PLACED TO BRING THE GRATE OR COVER TO PROPER ELEVATION. IF BRICK IS USED, EVERY THREE VERTICAL JOINTS SHALL BE LEFT OPEN; IF GRADE RINGS ARE USED, THE HORIZONTAL JOINTS SHALL BE LEFT OPEN TO FACILITATE DRAINAGE OF THE BASE COURSE. GEOTEXTILE FABRIC SHALL BE WRAPPED AROUND THE BRICK MASONRY OR GRADE RINGS TO PREVENT THE WASHING OF FINES INTO THE STRUCTURE.

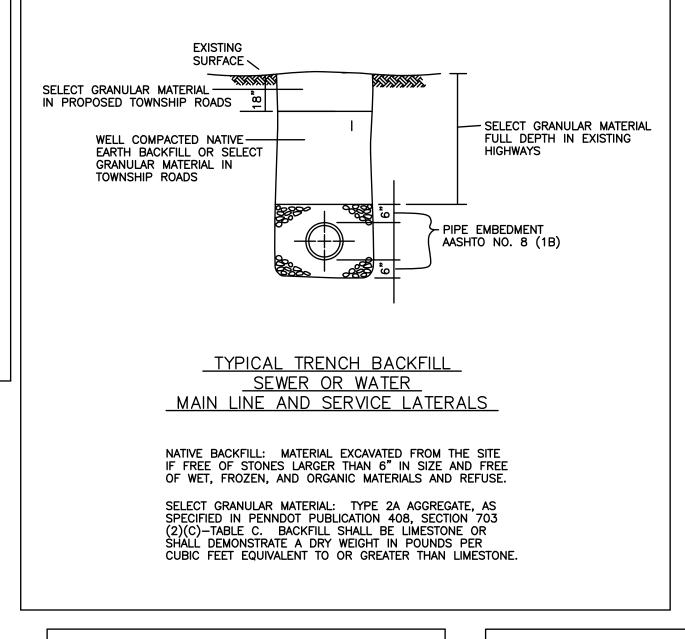


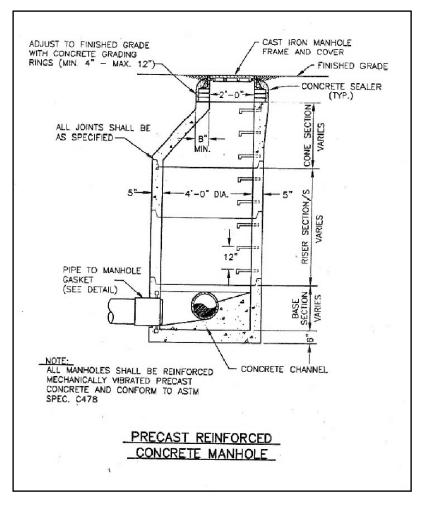


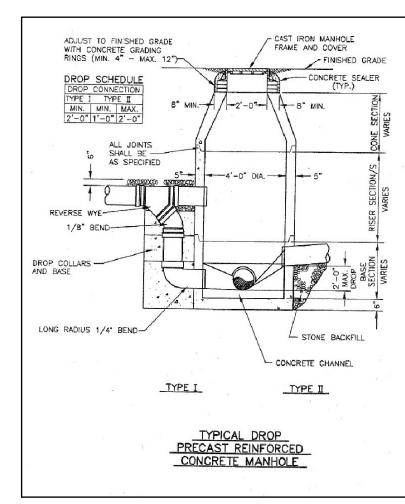


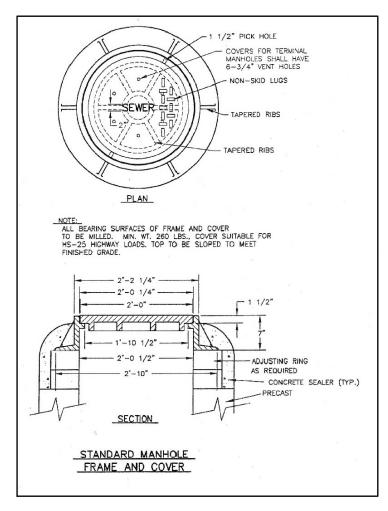


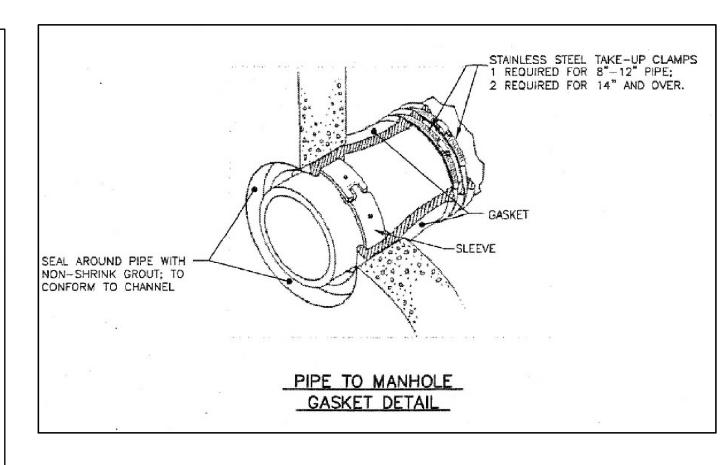


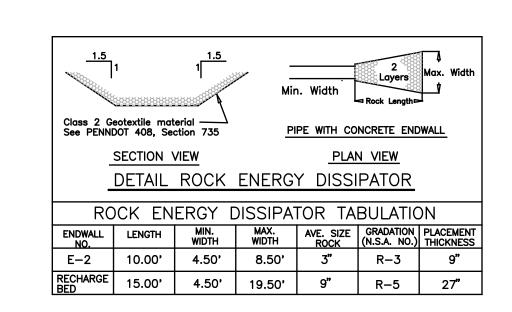


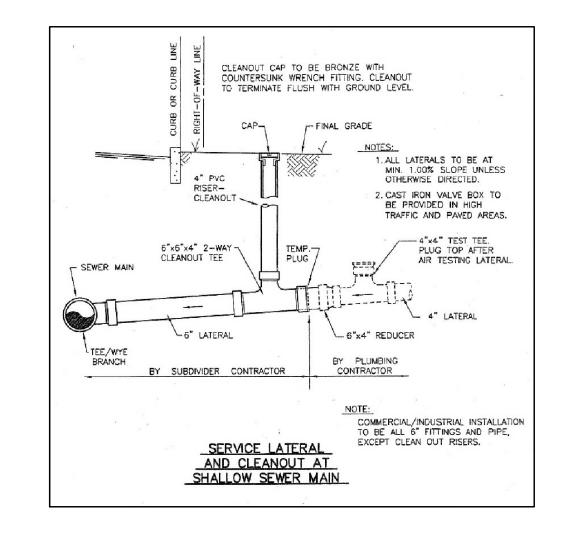


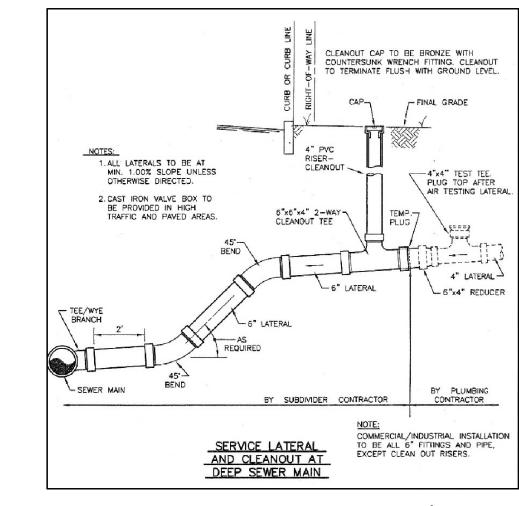












AMENDED DETAIL SHEET (FINAL)

6 8-5-13 UPDATE PLANS PER DEP CHAP 102 REQUIREMENTS

√5\ 10-8-07 ADJUST GRADES PER CLIENT

4\ 3-26-07 REV. PER CCCD REVIEW COMMENTS

3\ 2-08-07 REV. RIPARIAN BUFFER AREA/LAYOUT

10-04-06 REV. PER TWP. ENGR. REVIEW LETTER DATED 7-31-06

1 10-26-05 REV. PER TWP. ENGR. REVIEW LETTER DATED 10-19-05

LAND DEVELOPMENT PLAN

GOSHEN LEISURE DEVELOPMENT

WEST GOSHEN TOWNSHIP

Edward B. Walsh & Associates, Inc. CIVIL ENGINEERS & SURVEYORS

Whiteland Business Park 855 Springdale Drive, Suite 202 Exton, Pennsylvania 19341 Phone: 610—903—0060 Fax: 610—903—0080



CHESTER COUNTY,

Project- 2188 Date- 3-10-04

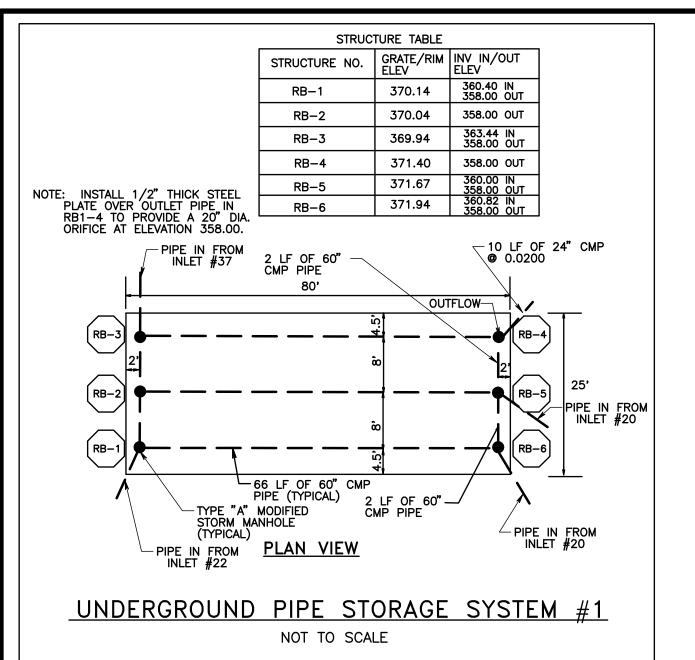
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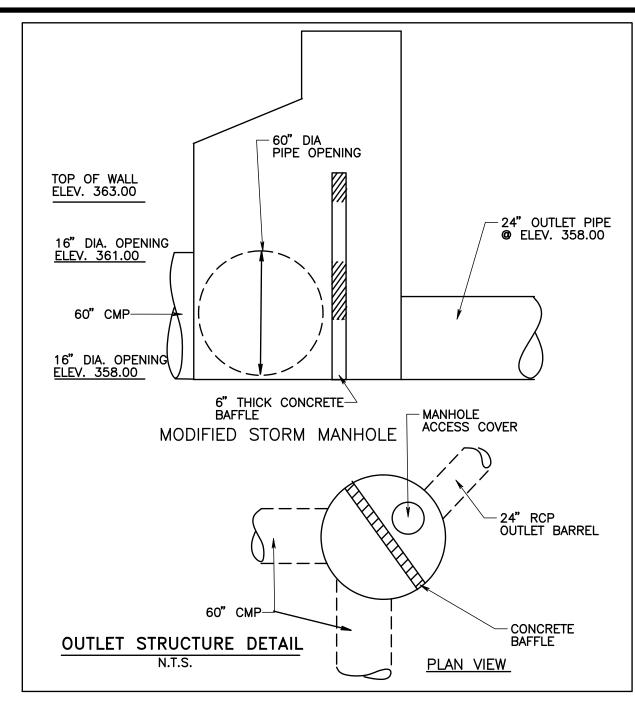
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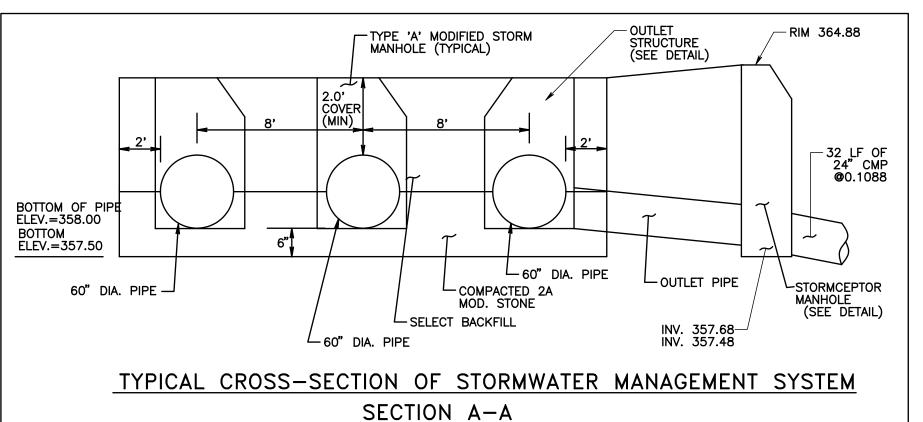
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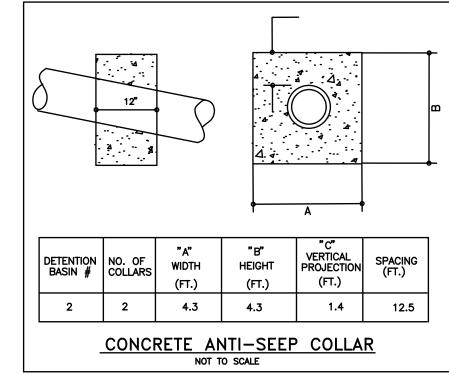
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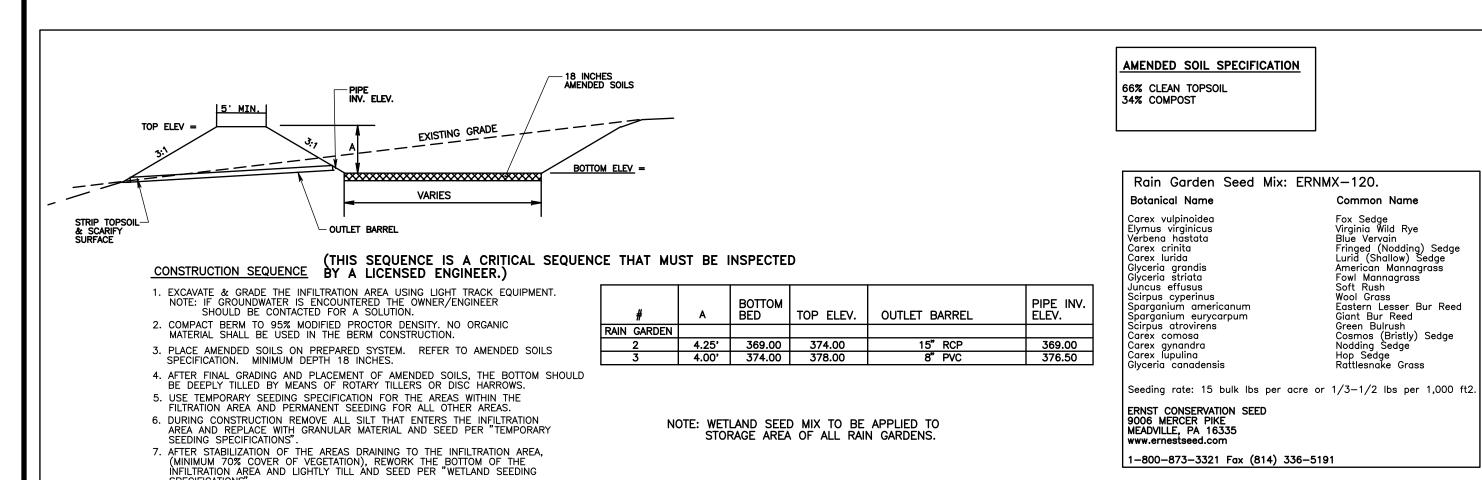
7 10-1-13 REV. PER CCCD REVIEW COMMENTS 9-26-13

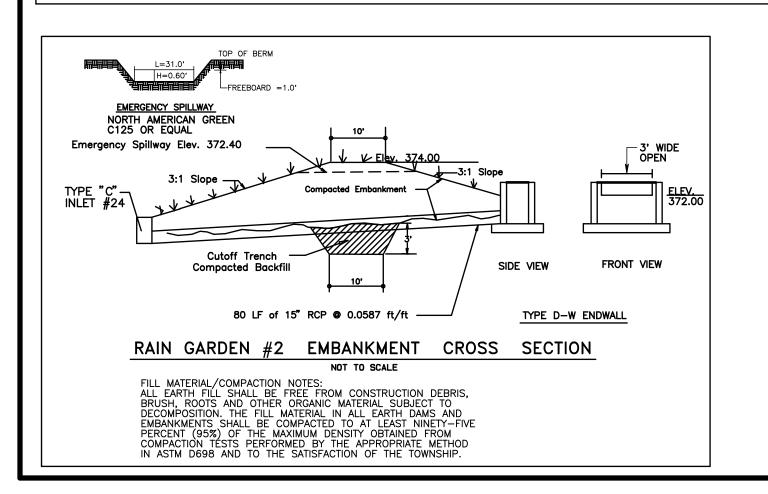












BIORENTENTION RAIN GARDEN/TRENCH CROSS SECTION

NOT TO SCALE

Common Name

Fox Sedge
Virginia Wild Rye
Blue Vervain
Fringed (Nodding) Sedge
Lurid (Shallow) Sedge

Wool Grass
Eastern Lesser Bur Reed
Giant Bur Reed
Green Bulrush
Cosmos (Bristly) Sedge
Nodding Sedge
Hop Sedge
Rattlesnake Grass

American Mannagrass

Fowl Mannagrass Soft Rush

Wool Grass



1. PLANT LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL STAKE LOCATIONS FOR APPROVALS BY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.

2. PROVIDE CONTINUOUS MULCH (2" THICK) IN ALL BEDDING AND GROUND COVER AREAS AND AT THE BASE OF SPECIMEN TREES.

3. SIZES OF PLANT MATERIAL GIVEN ARE TO BE CONSIDERED MINIMUM.

4. NO SUBSTITUTIONS FOR PLANT MATERIAL ARE ACCEPTABLE UNLESS APPROVED BY LANDSCAPE ARCHITECT.

5. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE, INCLUDING

WATERING OF PLANT MATERIAL UNTIL JOB IS TURNED OVER TO OWNER. 6. CONTRACTOR SHALL LOOSEN SUBGRADE OF PLANTING BED AREAS TO A MINIMUM DEPTH OF TWENTY-FOUR INCHES (24") USING A CULTIMULCHER OR SIMILAR EQUIPMENT. REMOVE STONES ONE TO ONE AND A HALF

INCHES (1 - 1 +") IN ANY DIMENSIONS AND STICKS, RUBBISH AND OTHER 7. WHEN CONDITIONS DETRIMENTAL TO PLANT GROWTH ARE ENCOUNTERED OR SUSPECTED, SUCH AS RUBBLE FILL, UNACCEPTABLE TOPSOIL, ADVERSE DRAINAGE CONDITIONS OR OTHER OBSTRUCTIONS, THE

LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER AND THE LANDSCAPE ARCHITECT IN WRITING BEFORE PLANTING ANY TREES, SHRUBS OR LAWN 8. TREES AND SHRUBS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS, WELL DEVELOPED, DENSELY FOLIATED

BRANCHES, AND VIGOROUS, FIBROUS ROOT SYSTEMS. 9. TREES AND SHRUBS SHALL BE FREE FROM DEFECTS AND INJURIES AND CERTIFIED BY APPROPRIATE FEDERAL AND STATE AUTHORITIES TO BE FREE FROM DISEASES AND INSECT INFESTATIONS.

10. TREES AND SHRUBS SHALL BE FRESHLY DUG AND NURSERY GROWN. THEY SHALL HAVE BEEN GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN LOCALITY OF THE PROJECT OR PROPERLY ACCLIMATED TO CONDITIONS OF THE LOCALITY OF THE PROJECT.

11. ALL PLANTING BEDS SHALL BE MULCHED WITH DOUBLE GROUND HARDWOOD MULCH INSTALLED AT A MINIMUM DEPTH OF TWO INCHES

12. ALL CANOPY TREES MUST HAVE A SPREAD EQUAL TO FIFTY PERCENT (50%) OF THE HEIGHT. 13. ALL PLANTING BEDS WITHOUT SHRUB OR GROUND COVER PLANT

MATERIAL SHALL BE PLANTED WITH A BLUE GRASS SEED MIX. 14. ALL PARKING LOT TREES ARE TO BE PRUNED TO PROVIDE SEVEN FEET (7') CLEARANCE FROM THE GROUND AT BASE OF TREE. 15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXACT LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES AND OTHER STRUCTURES BEFORE THE START OF CONSTRUCTION ON THIS PLAN.

16. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE OWNER AND/OR LANDSCAPE ARCHITECT. 17. THIS PLAN IS INTENDED FOR LANDSCAPE PURPOSES ONLY. 18. NO MORE THAN FIVE INCHES (5") OF SOIL SHALL BE PLACED AROUND THE TRUNKS OF TREES WHICH ARE TO REMAIN. FOR THOSE TREES WHICH ARE TO REMAIN, WHERE MORE THAN FIVE INCHES (5") OF SOIL ARE TO BE PLACED, TREE WELLS SHALL BE CONSTRUCTED TO PRESERVE SUCH TREES.

NURSERYMEN, INC., AND APPROVED MAY 2, 1986 BY THE AMERICAN NATIONAL STANDARDS INSTITUTE, INC., OR THE LATEST REVISED EDITION OF THIS STANDARD. 20. TOPSOIL REMOVED BY GRADING OPERATIONS SHALL BE REDISTRIBUTED AND STABILIZED AS SOON AS POSSIBLE FOLLOWING THE COMPLETION OF A PHASE OF WORK OR THE ENTIRE PROJECT. ALL EXPOSED EARTH SURFACES

(A) SEEDING OR PLANTING OF SLOPES WITH A GRADIENT OF THIRTY

PERCENT (30%) OR LESS STEEP.

19. ALL SIZES AND GRADING STANDARD FOR PLANT MATERIALS SHALL CONFORM WITH THE LATEST EDITION OF AMERICAN STANDARD OF NURSERY STOCK AS SPONSORED BY THE AMERICAN ASSOCIATES OF

(B) SODDING OR HYDRO SEEDING OF SLOPES WITH A GRADIENT OF THIRTY PERCENT (30%) OR MORE STEEP.

SHALL BE STABILIZED BY THE FOLLOWING METHODS OR APPROVED EQUAL:

21. ALL TREES TO BE RETAINED SHALL BE PROTECTED DURING CONSTRUCTION FROM EQUIPMENT DAMAGE BY SNOW FENCING OR OTHER 22. THE CONTRACTOR SHALL LABEL EACH TREE AND SHRUB WITH SECURELY ATTACHED WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF BOTANICAL AND COMMON NAME.

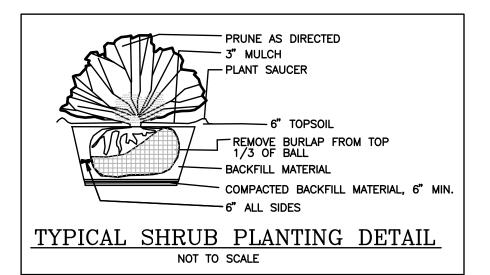
23. ALL DISTURBED AREAS ARE TO BE SEEDED TO ESTABLISH A VIABLE LAWN. 24. ANY TREE OR SHRUB WITH DIES WITHIN TWELVE (12) MONTHS OF THE REPLACED. ANY TREE OR SHRUB WHICH, WITHIN THE AFOREMENTIONED TIME PERIOD IS DEEMED. IN THE OPINION OF AN AGENT AUTHORIZED BY THE TOWNSHIP, NOT TO HAVE SURVIVED OR GROWN IN A MANNER CHARACTERISTIC OF ITS TYPE SHALL BE REPLACED. ANY SUBSTITUTIONS SHALL BE APPROVED BY THE TOWNSHIP.

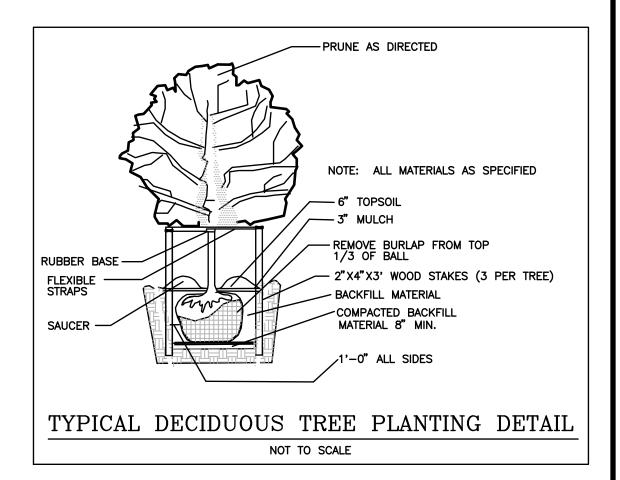
25. EXISTING TREES AND SHRUBS AT THE CORNER OF AN INTERSECTION OF STREETS AND/OR DRIVEWAYS, SHALL BE CUT TO THE HEIGHT OF TWENTY—FOUR INCHES (24") FROM POINT OF INTERSECTION OF CORNER PROPERTY LINES BACK SEVENTY—FIVE FEET (75') TO AVOID BLOCKING SIGHT DISTANCE TO ONCOMING TRAFFIC; AND SHRUBS OR GROUNDCOVERS TO BE PLANTED SHALL BE OF THE DWARF VARIETY AND SHALL NOT EXCEED TWENTY—FOUR INCHES (24") IN HEIGHT AT MATURITY.

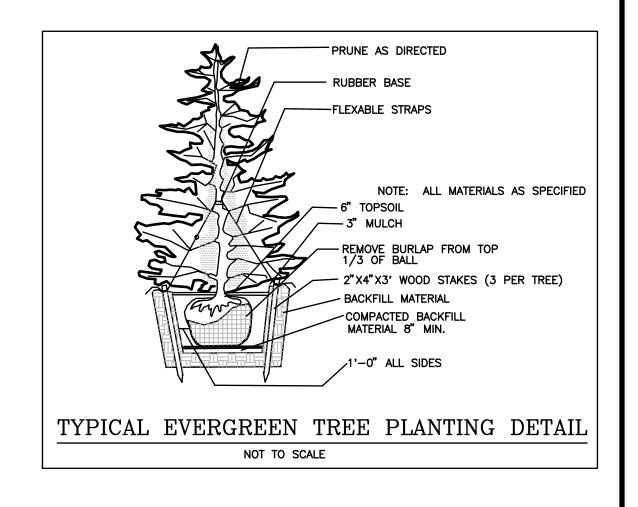
26. ALL TREES ALONG THE RIGHT—OF—WAY OF ANY PROPERTY SHALL BE KEPT TRIMMED NINE FEET (9') ABOVE ANY SIDEWALK AND ELEVEN FEET (11') ABOVE ALL STREETS. 27. PROPER SIGHT LINES SHALL BE MAINTAINED AT ALL INTERSECTIONS OF STREETS. THERE SHALL BE A CLEAR SIGHT TRIANGLE MEASURING SEVENTY—FIVE FEET (75') ALONG THE INTERSECTING STREET LINES FROM THE POINT OF INTERSECTION INDICATING ON THE PLAN, THAT IS MAINTAINED FREE AND CLEAR OF STRUCTURES, SIGNS AND OTHER VISUAL ORSTRUCTIONS.

28. ALL TREES TO BE RETAINED WITHIN TWENTY—FIVE FEET (25') OF A BUILDING, PARKING OR OTHER PROPOSED IMPROVEMENTS SHALL BE PROTECTED DURING CONSTRUCTION FROM EQUIPMENT DAMAGE BY SNOW FENCING OR OTHER EFFECTIVE BARRIERS.

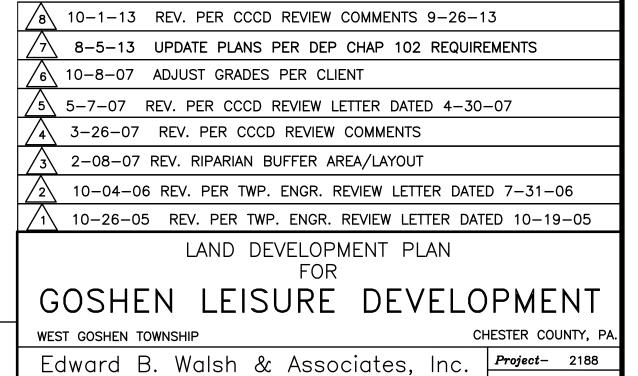
29. STREET TREES SHALL BE PLANTED OUTSIDE THE PUBLIC RIGHT-OF-WAY. 30. ALL PLANTING BEDS, LAWN AREAS AND TREE BASES ARE TO BE TOP DRESSED WITH 6" OF ORGANIC TOPSOIL.







AMENDED PCSWM DETAIL SHEET (FINAL)



Whiteland Business Park 855 Springdale Drive, Suite 202 Exton, Pennsylvania 19341 Phone: 610-903-0060 Fax: 610-903-0080

CIVIL ENGINEERS & SURVEYORS

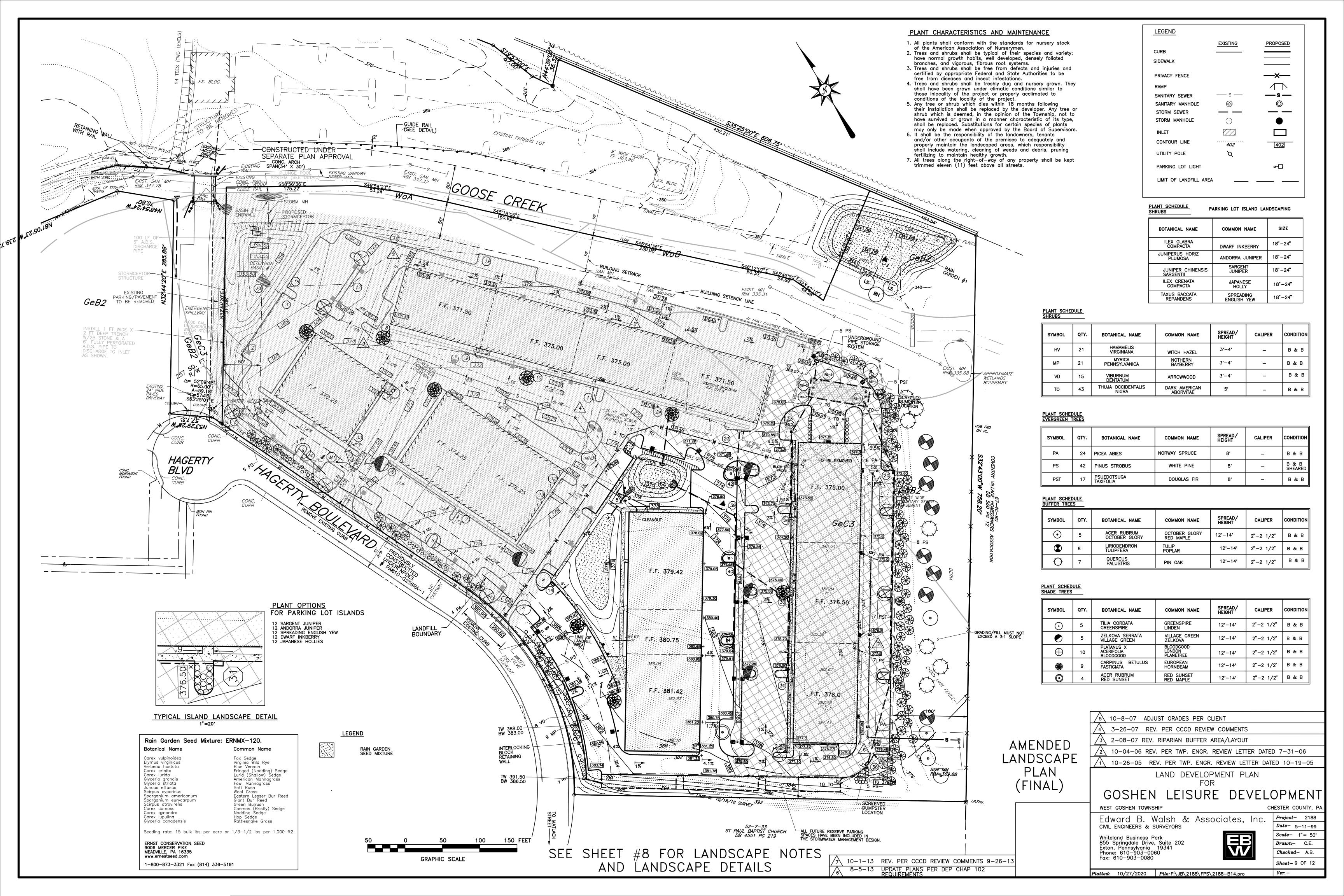
Sheet- 8 OF 12

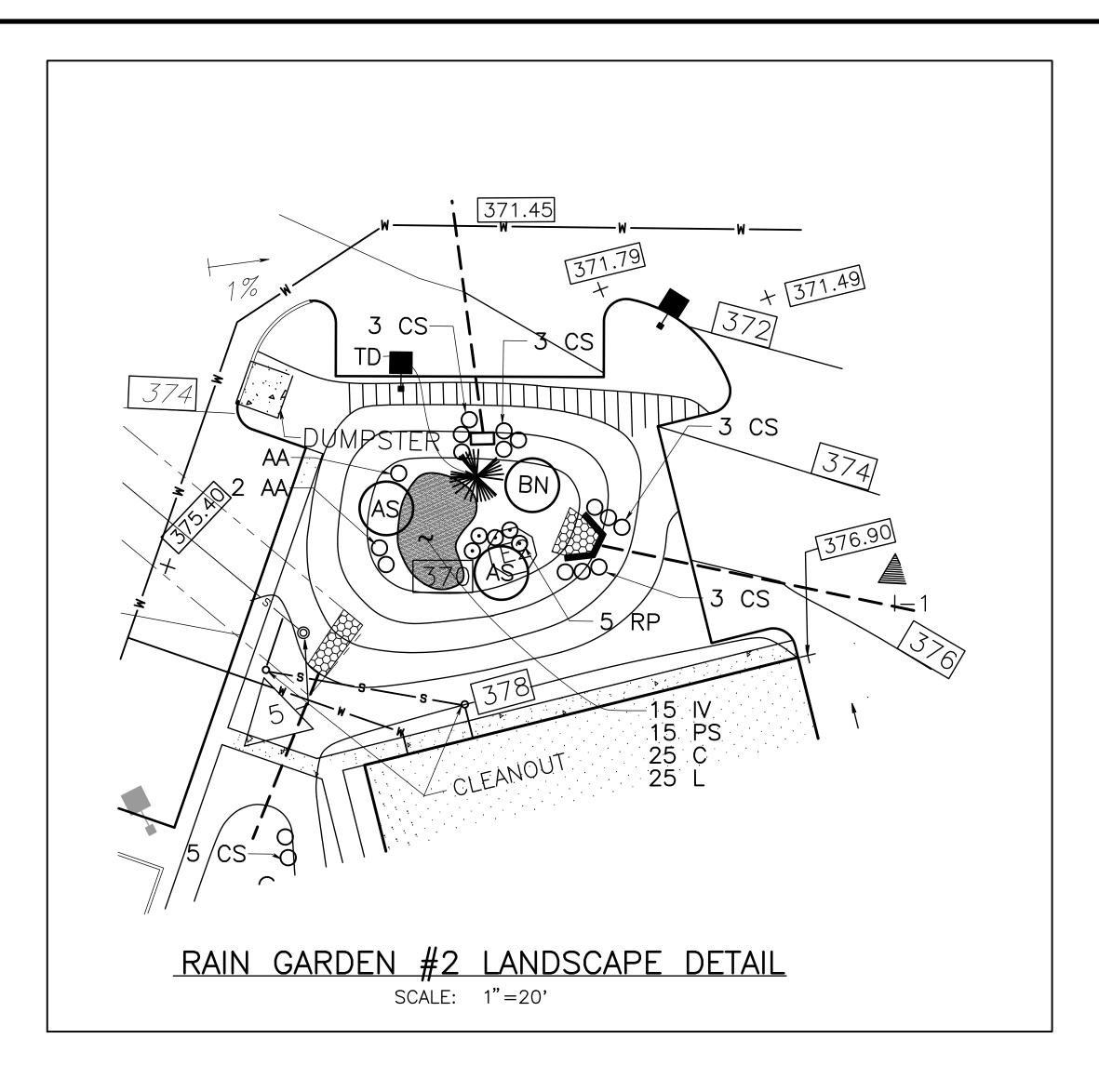
Date- 5-11-99 Scale- 1"= 50'

Drawn− C.E.

Checked- A.B.

Plotted: 10/27/2020 | File: F:\JB\2188\FPS\2188-B14.pro





HERBACEOUS PLANTING- PLUGS

PLANT SCHEDULE SHRUBS

SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	CONDITION
AA	8	Aronia Arbutifolia Brillantissima	Red Chokeberry	2'	B & B
cs	17	Cornus Sericea Stolonoifera	Redosier Dogwood	2'	В &с В
RP	10	Rosa Palustris	Swamp Rose	2'	B & B

PLANT SCHEDULE TREES

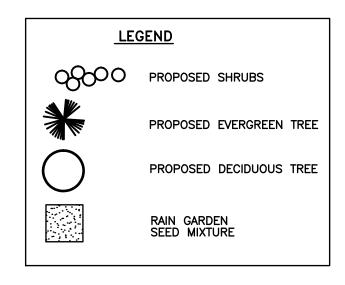
SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	CALIPER	CONDITION
AS	5	Amelanchier Alnifolio	Saskatoon Serviceberry	5'-7'	2"	B & B
BN	3	Betula Nigra Heritage	Heritage River Birch	8–10'	2"	B & B
TD	4	Taxodium Distichum	Bald Cypress	5'		B & B

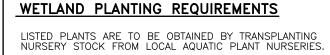
PLANT SCHEDULE

SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION
SM	20	Scirpus Maritimus	Alkali Bulrush	2" PLUGS	CONTAINER
SL	20	Sagittaria Latifolia	Duck Potato	2" PLUGS	CONTAINER
С	50	Carex Crinita	Fringed Sedge	2" PLUGS	CONTAINER
L	25	Leersia Oryzoides	Rice Cut Grass	2" PLUGS	CONTAINER

PLANT SCHEDULE **HERBACEOUS PERENNIALS**

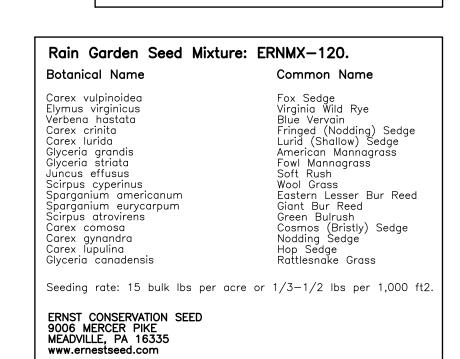
SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION
AF	15	Aster Firmus	Shining Aster	2" PLUGS	CONTAINER
ВС	25	Bidens Cernua	Nodding Bur Marigold	2" PLUGS	CONTAINER
LL	30	Ludwigia Linearis	Narrowleaf Primosw Willow	2" PLUGS	CONTAINER
SR	20	Solidago Riddelli	Ridell's Goldenrod	2" PLUGS	CONTAINER
IV	30	Iris Versicolor	Blue Flag	2" PLUGS	CONTAINER
PS	35	Pen Thorum Sedoides	Ditch Stonecrop	2" PLUGS	CONTAINER
MR	15	Mimulus Ringens	Square Stemmed Monkey Flower	2" PLUGS	CONTAINER



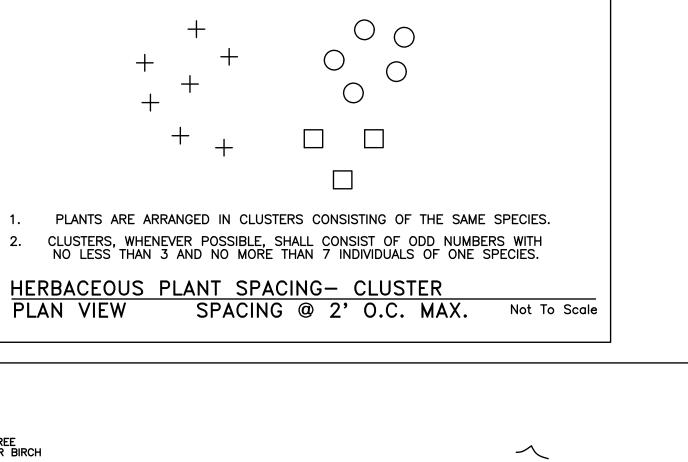


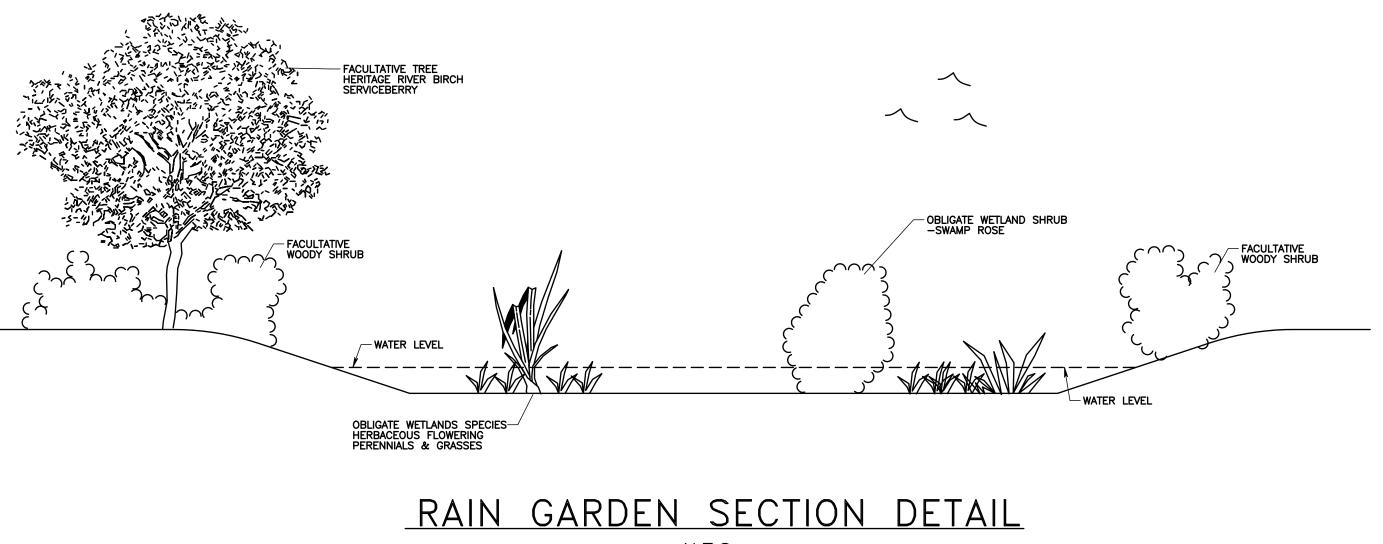
THE TRANSPLANTING MUST BE PERFORMED BETWEEN EARLY APRIL TO MID-JUNE. THE PLANTS SHOULD BE ORDERED AT LEAST THREE MONTHS IN ADVANCE TO ENSURE THE AVAILABILITY OF THE LISTED PLANTS. PLANTS SHOULD BE INSTALLED IN CLUMPS WITH INDIVIDUAL PLANTS LOCATED AN AVERAGE OF 24 INCHES ON CENTER WITHIN EACH CLUMP. INDIVIDUAL PLANTS SHOULD BE SPACED 24 INCHES ON CENTER

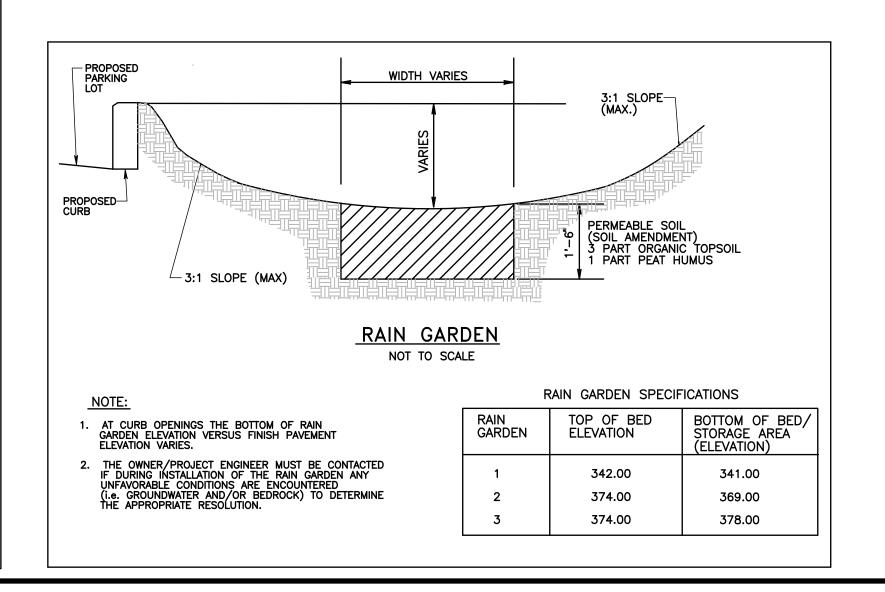
POST-NURSERY CARE OF WETLAND PLANTS IS VERY IMPORTANT IN THE INTERVAL BETWEEN DELIVERY OF THE PLANTS AND THEIR SUBSEQUENT INSTALLATION, AS THEY ARE PRONE TO DESICCATION. STOCK SHOULD BE FREQUENTLY WATERED AND SHADED WHILE ON—SITE.

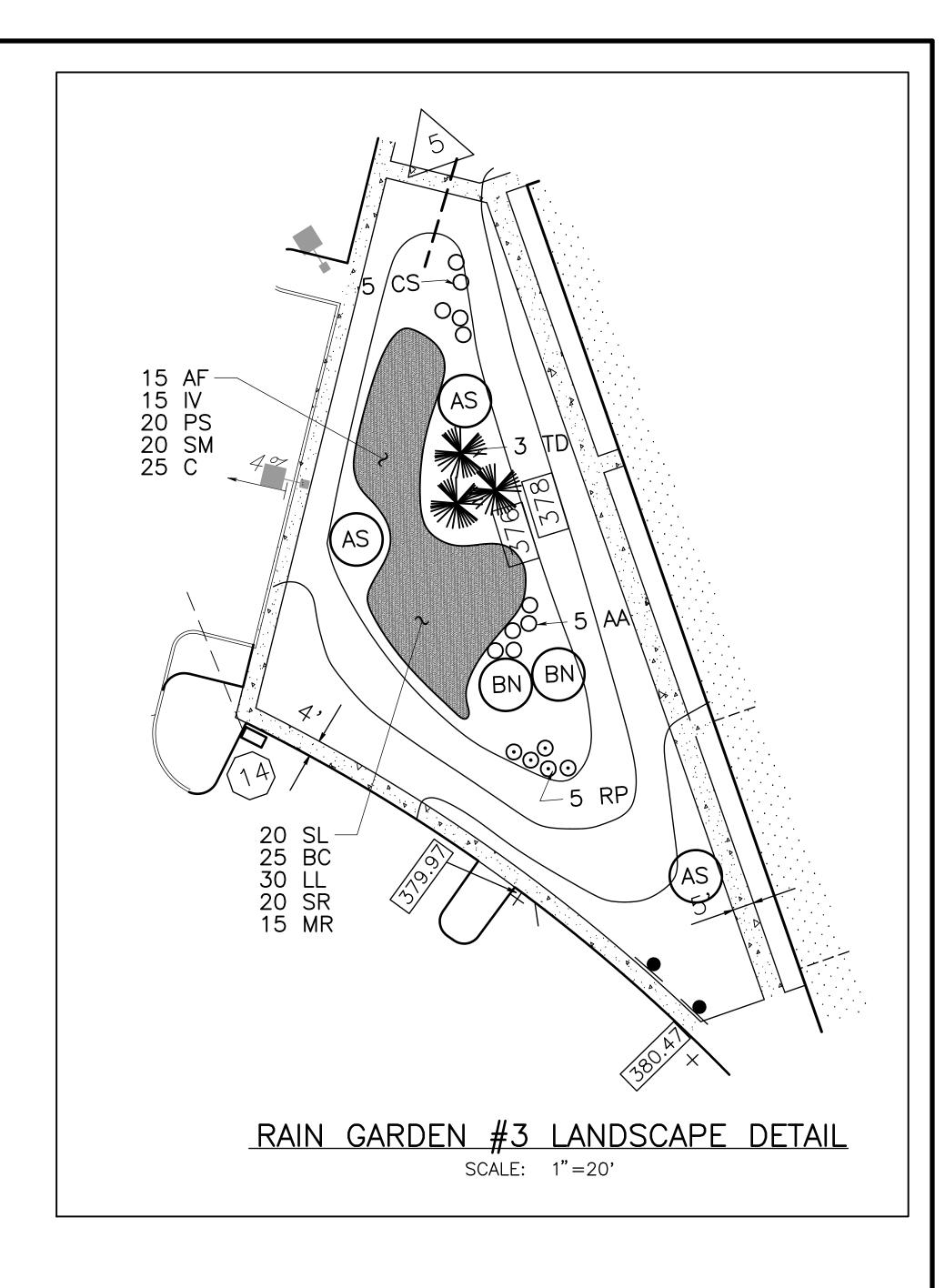


1-800-873-3321 Fax (814) 336-5191









AMENDED RAIN GARDEN PLAN (FINAL)

LAND DEVELOPMENT PLAN GOSHEN LEISURE DEVELOPMENT

Edward B. Walsh & Associates, Inc. CIVIL ENGINEERS & SURVEYORS Whiteland Business Park 855 Springdale Drive, Suite 202 Exton, Pennsylvania 19341 Phone: 610-903-0060 Fax: 610-903-0080

Date- 5-11-99

Scale- 1"= 50'

Drawn- C.E.

Checked- A.B.

Sheet-9A OF 12

Plotted: 10/27/2020 | File: F:\JB\2188\FPS\2188-B14.pro

