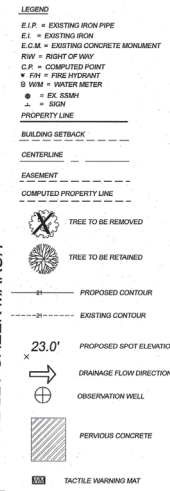
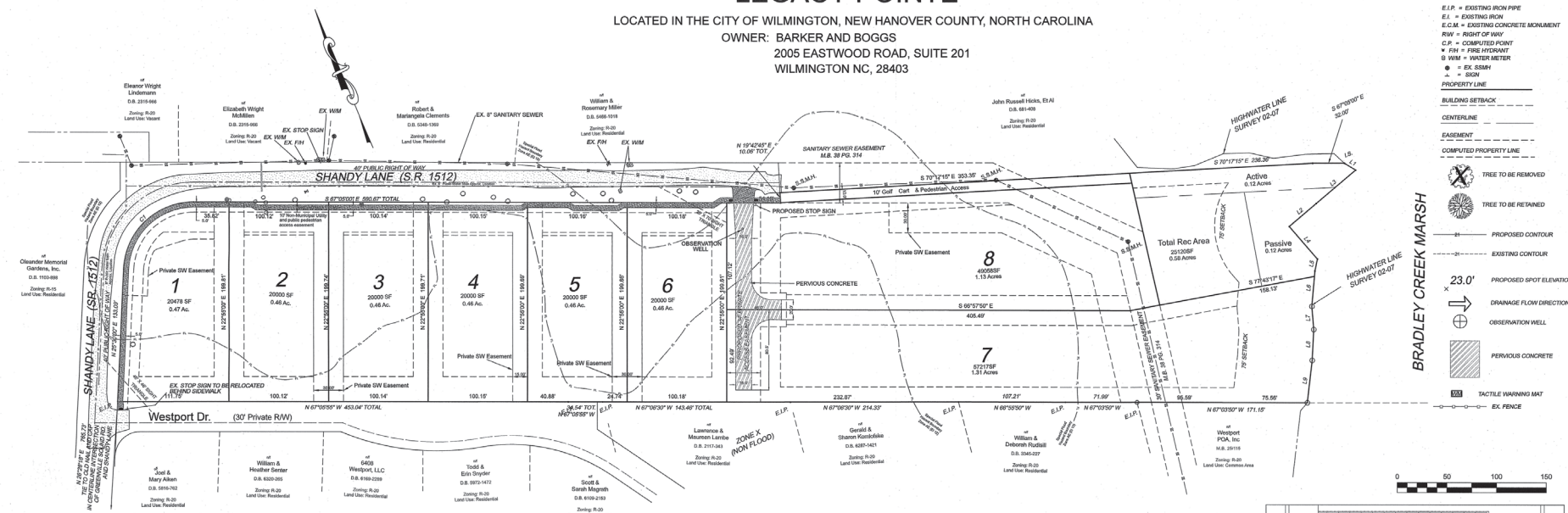


LEGACY POINT

LOCATED IN THE CITY OF WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA
 OWNER: BARKER AND BOGGS
 2005 EASTWOOD ROAD, SUITE 201
 WILMINGTON NC, 28403



- Utility Notes:**
- Existing water and sanitary sewer services are currently available to the site from Cape Fear Public Utility Authority public mains.
 - All utility services, such as electric power, CATV, gas & telephone shall be installed underground.
 - All water & sewer lines to be installed per CFPWA Technical Specifications & Standards.
 - Project shall comply with CFPWA Cross Connection Control Requirements. Water meters cannot be installed until all requirements are met and N.C. D.E. has issued their "Final Approval". Call 343-3910 for information.
 - Any backflow prevention devices required by the CFPWA will need to be on the 1st of approved devices by USFCC/CPWA or ASSE.
 - If contractor desires CFPWA water for construction, he shall apply for advance for the water and must provide a reduced pressure zone (RPZ) backflow prevention device on the developer's side of the water meter box.
 - The contractor is responsible for the location and protection of existing utilities during construction. Call 811.
 - Contractor is responsible for the repair and replacement of any utilities, curb & gutter, pavement, etc. that may be damaged during construction. Damaged items shall be repaired to at least the quality or workmanship found in the original item.
 - Solid waste disposal will be serviced by City curbside pickup at street.
- File & Life Safety Notes:**
- Construction Type - SB
 - Residences will not have a sprinkler system.
 - Landscaping or parking can not block or impede the fire hydrant. A 3-foot x 3-foot clear space shall be maintained around the fire hydrant.
 - Hydrants and 3" fire hydrant connections.
 - Additional fire protection and/or accessibility requirements may be required due to any special circumstances concerning the project.
- General Notes:**
- New Hanover County Parcel No.: 315601-01-003 (R00000-01-01-003) 315601-01-713 (R00000-01-01-01-01)
 - Project Tract Area: 5.78 ac.
 - Existing Zoning District: R-20 Subarea - 107 Street 20' Corner Side 15' Meter Side 25' Ramp
 - CAMA Land Classification: Wooded Reserve Protection
 - Recreational Space: Required: 8 SF units x .03 acres = 0.24 acres Provided: 0.26 acres

- Site Inventory Notes:**
- Existing Trees: No (Wakula sand) No (Wakula fine sand)
 - This property is impacted by an AEC.
 - There are Conservation Overlay boundaries affecting this property.
 - This site is not impacted by any recognized historical or archaeological significance.
 - No cemeteries were evidenced on the site.
 - Regulated vegetation is only within proposed lot boundaries. Removal will only occur during individual home construction.
 - There are no jurisdictional wetlands within the upland project boundary.
 - There is no evidence of endangered species or habitat losses on the site.
 - This property is within a Special Flood Hazard Area as evidenced on N.C. Flood Map 272015000K.
 - The site drainage flows into the Bradley Creek watershed/15' C/S area.
- Stormwater Management Notes:**
- Stormwater management will meet City & State requirements.
 - Stormwater control measures will be installed on lots as they are developed.
- Tree Preservation Notes:**
- Tree Preservation/Removal Permit is required prior to clearing & land disturbance.
 - Prior to any clearing, grading or construction activity, tree protection fencing will be installed around protected trees or groups of trees and construction workers, tools, materials, or vehicles are permitted within the tree protection fencing.
 - Protective fencing is to be maintained throughout the duration of the project. Land clearing and construction shall receive adequate instruction on tree protection requirements and methods.
 - Label protective fencing with signs to be placed every 50 linear feet, or less than 100 per acre, in both English & Spanish ("Tree Protection Area Do Not Enter").
- Development Notes:**
- All development shall be in accordance with the City of Wilmington Land Development Code (LDC).
 - All common areas, inclusive of recreation space, shall be dedicated to and maintained by a Homeowners Association.
 - Clearing limits will be limited to what is needed to install the sidewalk within the existing public right-of-way and sidewalk easement. Individual lot clearing will be at the discretion & permitting of the future lot owner.
 - Lot subdivision shall be constructed as individual lots are developed.
 - Maximum structure height = 35'

IMPERVIOUS CALCULATIONS

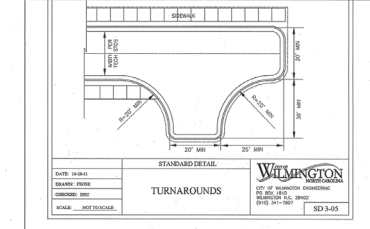
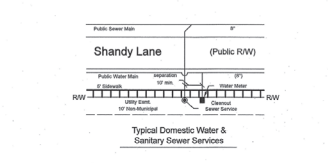
DESCRIPTION	S.F.	%
SEWERAL	4,079	70.5
PRIVATE DRIVE	343	6.1
LOT 1	7,000	125.0
LOT 2	7,000	125.0
LOT 3	7,000	125.0
LOT 4	7,000	125.0
LOT 5	7,000	125.0
LOT 6	7,000	125.0
LOT 7	7,000	125.0
LOT 8	7,000	125.0
TOTAL IMPROVED	60,477	1000.0
EXISTING BALDWIN	4,353	76.2
EXISTING ROADS	3,192	56.4
TOTAL EXISTING	7,545	133.6

*INSTALL 18" RCP ALBERT UNDER DRAINAGE IS CONSTRUCTED

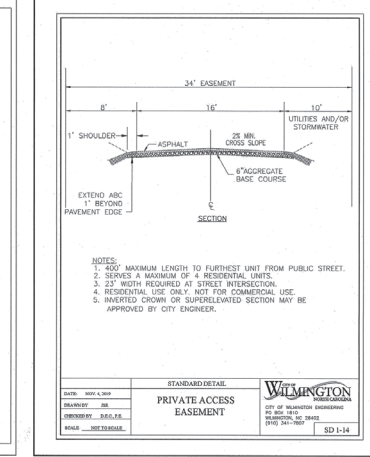
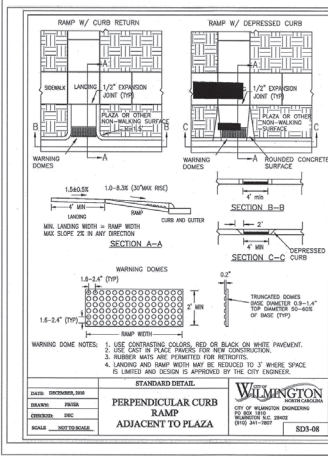
For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

WILMINGTON
 NORTH CAROLINA
 Public Services - Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit #: _____
 Signed: _____

Approved Construction Plan
 Date: 3/15/21
 # 2021004
 SWP #: 2021011
 P.O. CW, RC, MB, BM



- GENERAL NOTES**
- PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROUPS OF TREES AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
 - ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY MARKED WITH BARRICADES AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT CLEARING, GRADING OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS.
 - NO EQUIPMENT ALLOWED ON OR OFF THE SITE UNTIL ALL TREE PROTECTION FENCING AND FENCING IS INSTALLED AND APPROVED. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTION ON TREE PROTECTION METHODS.
 - ALL FURNISHED BARRICADES IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE MAINTAINED AND MEET CITY, METCO AND/OR HOIST STANDARDS.
 - ONCE STREETS ARE OPEN TO TRAFFIC, CONTACT TRAFFIC ENGINEERING TO REQUEST INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAME SIGNS MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
 - TRAFFIC CONTROL DEVICES INCLUDING SIGNS AND FURNISHED BARRICADES IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO BE SET AUTO/JOURNAL ON UNPAVED TRAFFIC CONTROL DEVICES STREETS.
 - CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 - CALL TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS STREET LIGHTS PRIOR TO ANY OCCUPANCY IN THE RIGHT-OF-WAY.
 - TRAFFIC ENGINEERING MUST APPROVE OF FURNISHED MARKING PRIOR TO ACTUAL TRAFFIC.
 - ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE OWNER/CONTRACTOR WITHIN 100 FEET OF CONSTRUCTION.
 - STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
 - TACTILE WARNING MATS WILL BE INSTALLED ON ALL VEHICLE/CHAMPS.
 - A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET, IN CERTAIN CASES BEFORE REBURRING OF THE OPEN CUT AREA MAY BE REQUIRED.
 - ANY SIGNAGE OR SIGNAGE SUPPORTS/CONCRETE PANELS OR CURBING SHALL BE REPLACED WITHIN DAMAGED DURING CONSTRUCTION OR DAMAGE HAS OCCURRED.
 - PRIOR TO ENTERING ANY AGREEMENT REGARDING THE SALE OF A HOUSE OR LOT IN A SUBDIVISION THE BUYER MUST RECEIVE A STREET ENCLOSURE STATEMENT.
 - ALL IMPROVED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SITES LENGTHS FROM 30 TO 17'
 - CONTACT THE CITY AT 341-7888 TO DISCUSS STREET LIGHTING OPTIONS. PROPOSED APPROXIMATE LOCATIONS SHOWN ON PLAN.



HANOVER DESIGN SERVICES, P.A.
 LAND SURVEYING ENGINEERING & LAND PLANNING
 2005 EASTWOOD ROAD, SUITE 201
 WILMINGTON, NC 28403
 DATE: 3-15-21
 PROJECT: 171789

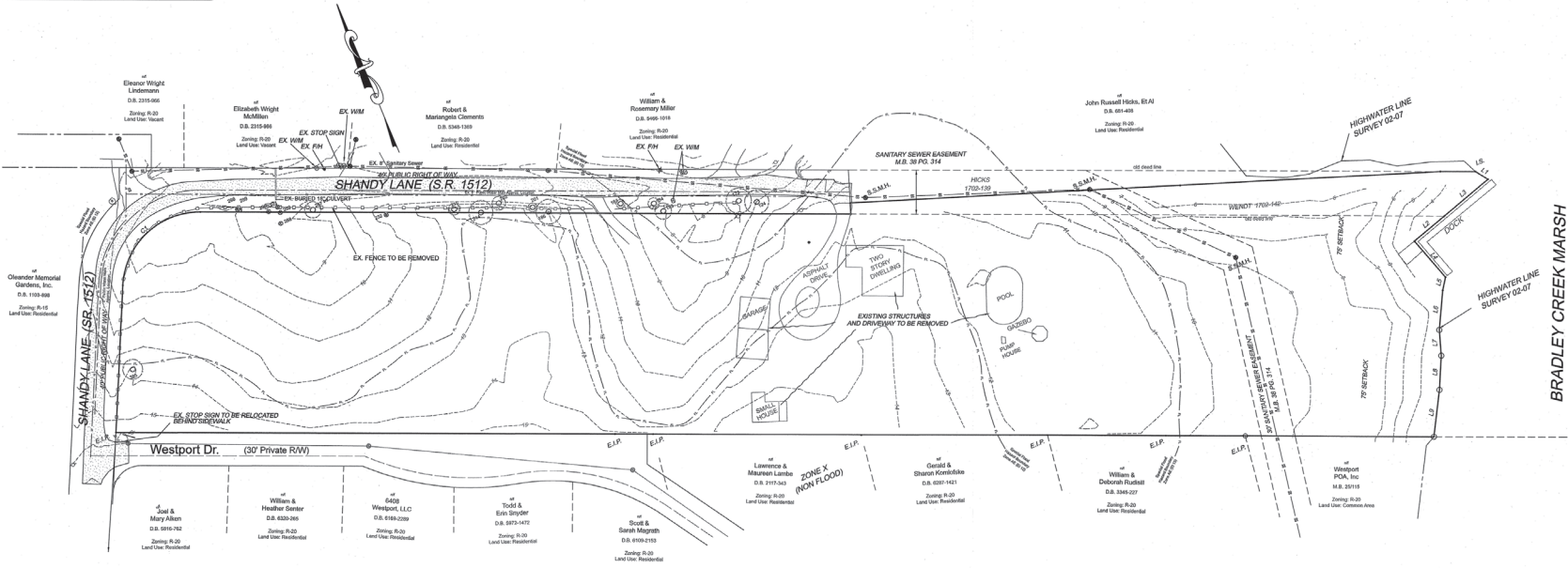
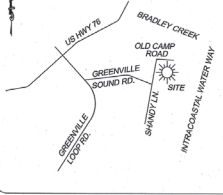
LEGACY POINT
 PRELIMINARY SUBDIVISION PLAN OF
 SHANDY LANE (S.R. 1512) AND WESTPORT DRIVE
 WILMINGTON, NORTH CAROLINA
 OWNER: BARKER AND BOGGS
 2005 EASTWOOD ROAD, SUITE 201
 WILMINGTON, N.C. 28403
 DATE: 3-15-21
 PROJECT: 171789

LEGACY POINT
 PRELIMINARY SUBDIVISION PLAN OF
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 SHANDY LANE (S.R. 1512) AND WESTPORT DRIVE
 WILMINGTON, NORTH CAROLINA
 OWNER: BARKER AND BOGGS
 2005 EASTWOOD ROAD, SUITE 201
 WILMINGTON, N.C. 28403
 DATE: 3-15-21
 PROJECT: 171789

LOCATION MAP

(NOT TO SCALE)



BRADLEY CREEK MARSH

- NOTES**
- AREA COMPUTED BY COORDINATE METHOD
 - ALL DISTANCES ARE HORIZONTAL
 - FOR REFERENCE SEE DEED BOOK 2889 PAGE 830, DEED BOOK 2544 PAGE 387, MAP BOOK 38 PAGE 314 CURRENT DEED BOOK 5263 PAGE 987
 - SURVEYED: DECEMBER 2008 AND AUGUST 20, 2007
 - 5.78 ACRES TOTAL AREA
 - THIS PROPERTY IS NOT LOCATED WITHIN 2000' OF AN EXISTING N.C. GRID MONUMENT
 - A.E.C. (AREA OF ENVIRONMENTAL CONCERN) SETBACK MUST BE REVIEWED AND APPROVED BY THE CITY OF WILMINGTON

LEGEND

E.I.P. = EXISTING IRON PIPE
 E.C.M. = EXISTING CONCRETE MONUMENT
 S.S.M.H. = SANITARY SEWER MAN HOLE
 I.S. = IRON SET

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

CITY OF WILMINGTON
 PUBLIC SERVICES • ENGINEERING DIVISION
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit #: _____
 Signed: _____

Approved Construction Plan
 Date: 3/15/21
 # 2021004
 SWP #: 2021011
 P.O., C.V., R.C., M.B., B.M.

- REGULATE TREES TO BE REMOVED = 5
- SIGNIFICANT TREES TO BE REMOVED = 2
- TREE TO BE RETAINED = 12

TREE INVENTORY

TREE #	RETAINED
123	23" HARDWOOD
124	TWIN 22" / 9" MAG
153	15" HARDWOOD
154	10.5" HARDWOOD
161	8" HARDWOOD
186	TWIN 22.5" / 9" OAK
201	TWIN 8" / 6.5" MAG
202	12.5" MAG
214	22" OAK
215	10.5" MAG
232	39" PINE
267	TWIN 14" / 15" MAG
271	10" HARDWOOD
288	12.5" MAG
289	8" HARDWOOD
290	TWIN 9" / 15" MAG
298	18" PINE
299	9.5" OAK
385	TWIN 16" / 18" OAK

HIGH WATER LINE

LINE	BEARING	DISTANCE
L1	S 35°38'37" E	13.13'
L2	S 72°42'21" W	36.32'
L3	S 72°42'21" W	61.97'
L4	S 18°02'03" E	43.17'
L5	S 34°54'01" W	12.21'
L6	S 27°40'52" W	38.72'
L7	S 18°18'21" W	23.32'
L8	S 25°51'07" W	30.94'
L9	S 25°51'47" W	42.67'

CURVE	RADIUS	ARC L	CHORD L	CHORD BEARING	TANGENT
C1	70.00'	108.80'	95.74'	N 69°12'30" E	66.91'



HANOVER DESIGN SERVICES, P.A.
 LAND SURVEYING, ENGINEERING & LAND PLANNING
 1000 W. MARKET STREET, SUITE 200
 WILMINGTON, N.C. 28403
 PHONE: 910.343.1111
 FAX: 910.343.1112
 LICENSE # 35889

REVISIONS

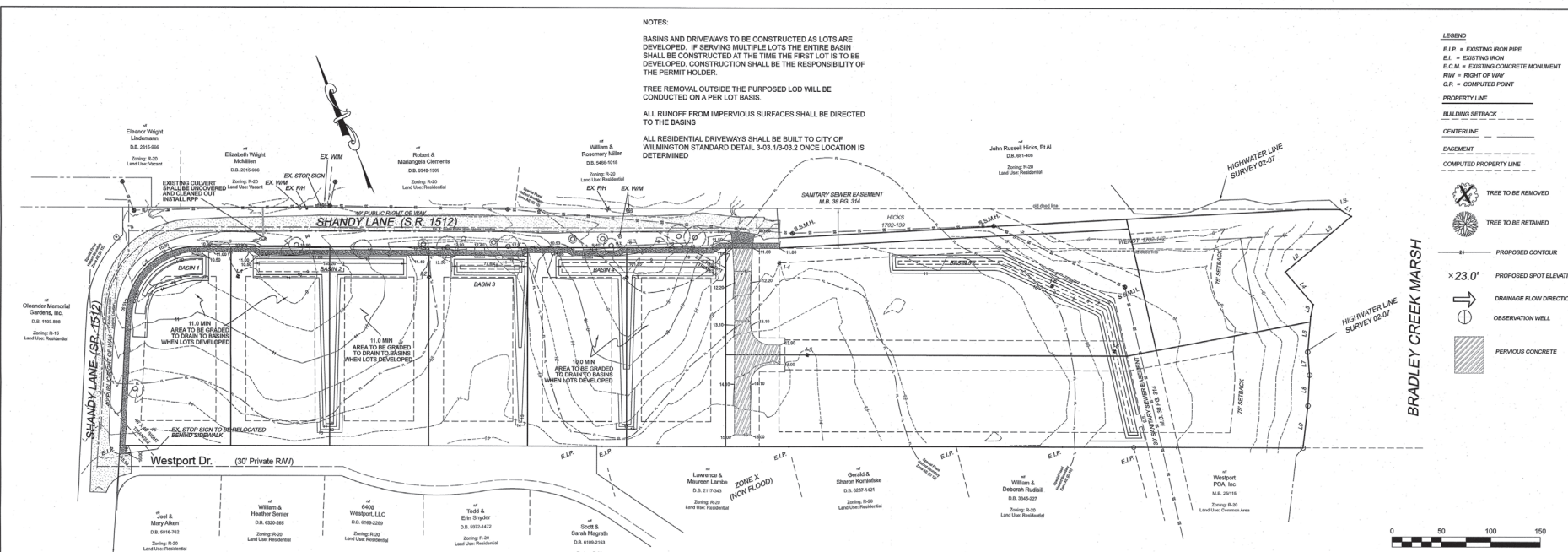
NO.	DATE	DESCRIPTION

LEGACY POINTE
 HANNETT TOWNSHIP, NEW HANOVER COUNTY, NORTH CAROLINA
 OWNER: BARBARA AND BOB BOSS
 2006 EASTWOOD ROAD, SUITE 201
 WILMINGTON, N.C. 28403

Drawn: 3-15-21
 Scale: 1" = 60'
 Design: GERRARD
 Checked: AVD
 Project No: 17128

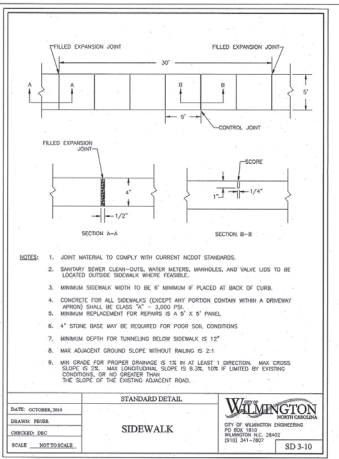
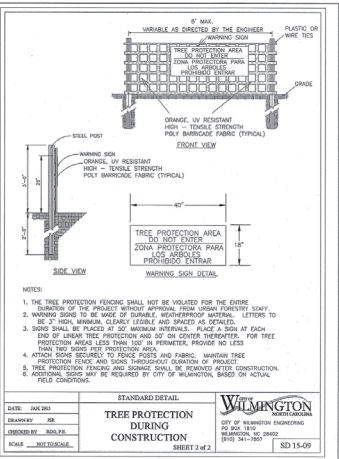
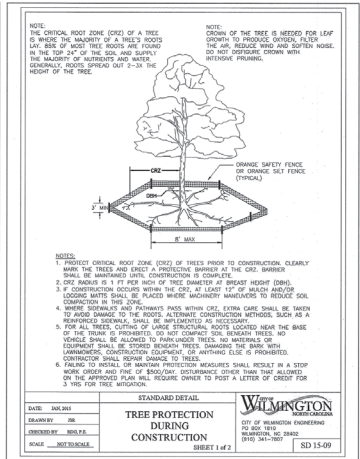
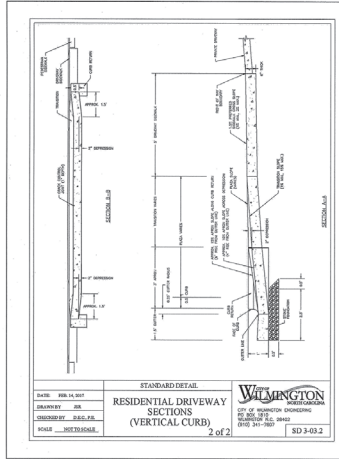
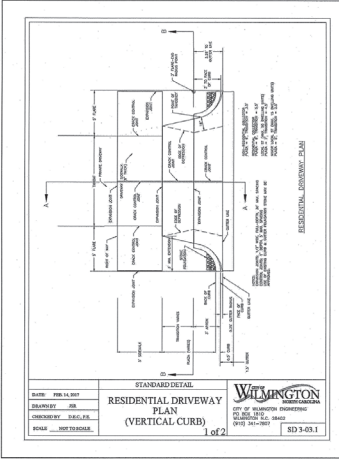
EXISTING CONDITIONS





HANOVER DESIGN SERVICES, P.A.
 LAND SURVEY ENGINEERS & LAND PLANNERS
 1000 W. MARKET ST., SUITE 200
 WILMINGTON, NC 28403
 LICENSE # 34289

DATE	
REVISIONS	
NO.	DESCRIPTION



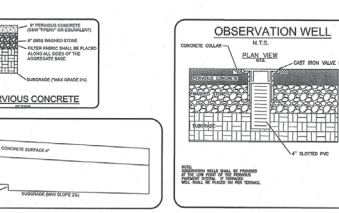
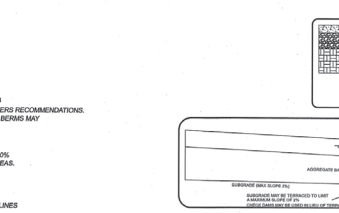
For each open utility out of City streets, a \$250 permit shall be required from the City prior to occupancy and/or project acceptance.

WILMINGTON
 CITY OF WILMINGTON ENGINEERING
 100 W. MARKET ST., SUITE 200
 WILMINGTON, NC 28403
 PHONE 336-253-7800

APPROVED CONSTRUCTION PLAN
 Date: 3/15/21
 # 2021004
 SWP #: 2021011
 PO, CW, RC, MB, BM

ADDITIONAL PERVIOUS CONCRETE NOTES

- PAVEMENT SURFACES SHALL HAVE A MINIMUM INFILTRATION RATE OF 60 IN/HR.
- MIX DESIGN PREPARATION AND PLACEMENT SHALL BE IN ACCORDANCE TO ACP SP10C-62.1-13.
- PERVIOUS CONCRETE THICKNESS MAY BE REDUCED OR INCREASED BASED ON GEOTECHNICAL ENGINEERS RECOMMENDATIONS.
- MAXIMUM SOIL SUBGRADE SLOPE SHALL BE 2%. SUBGRADE MAY BE TERRACED OR GRADED BERMS MAY BE USED TO ACHIEVE A SLOPE LESS THAN OR EQUAL TO 2%.
- OBSERVATIONS WELLS SHALL BE PROVIDED AT THE LOW POINT OF THE SYSTEM.
- IF SYSTEM IS TERRACED THEN SHALL BE ONE OBSERVATION WELL PER TERRACE.
- AGGREGATE BASE SHALL BE COMPRESSED OF WASH STONE. PERCENT VOID SHALL BE 30%-40%.
- THE AREA ADJACENT TO THE PC SHALL BE GRADED TO DIVERT RUNOFF FROM ALL OTHER AREAS.
- SOIL SUBGRADE SHALL NOT BE GRADED WHEN SATURATED. ONLY GRADE WHEN DRY.
- PC SHALL BE PROTECTED AND KEPT FREE FROM DEBRIS DURING CONSTRUCTION.
- PC SHALL BE INSPECTED QUARTLY AND ANY DEFECTS BE REPAIRED.
- CONTRACTOR IS RESPONSIBLE FOR GEOTECHNICAL TESTING AS NECESSARY.
- CONTRACTOR IS RESPONSIBLE FOR FOLLOWING ALL MANUFACTURING INSTALLATION GUIDELINES.



LEGACY POINTE

PRELIMINARY SUBDIVISION PLAN OF
 HANOVER TOWNSHIP, NEWCASTLE COUNTY, NORTH CAROLINA

OWNER: BASKER AND BASCO
 1005 EASTWOOD ROAD, SUITE 801
 WILMINGTON, N.C. 28403

DATE: 3-15-21
 DRAWN: T.Y. SH
 CHECKED: GEMMANN
 APPROVED: AND
 PROJECT NO: 17209

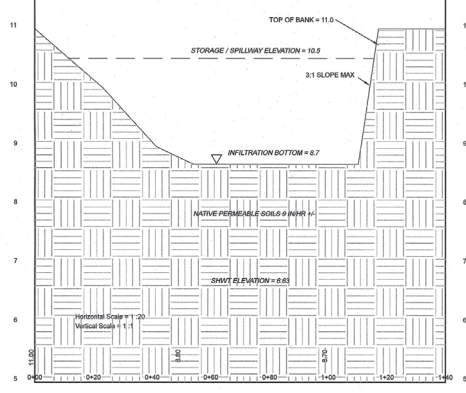
GRADING AND STORM

3 of 4

For each open utility cut of City streets, a \$200 permit shall be required from the City prior to occupancy and/or project acceptance.

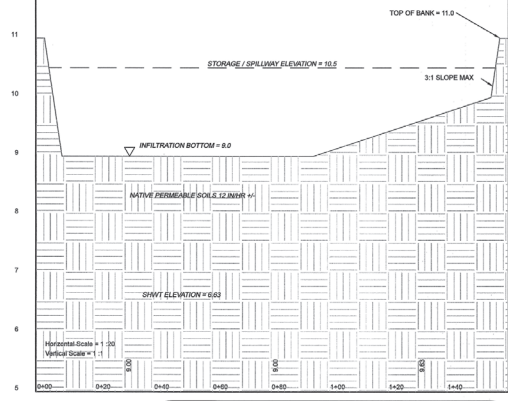
BASIN 1

Elev(Ft)	Storage(CF)	Area(SF)	Area(Acre)
8.700	0.0	673.267	0.015
9.000	227	843.072	0.019
10.000	1391	1517.828	0.035
10.500	2290	2094.320	0.049
11.000	3436	2923.603	0.067



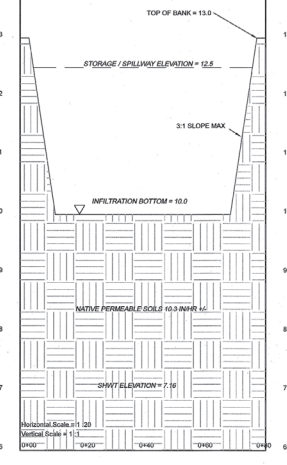
BASIN 2

Elev(Ft)	Storage(CF)	Area(SF)	Area(Acre)
8.000	0.0	856.086	0.020
10.000	2294	4120.003	0.095
10.500	4572	6991.521	0.160
11.000	7342	6020.836	0.138



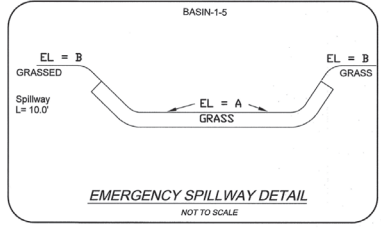
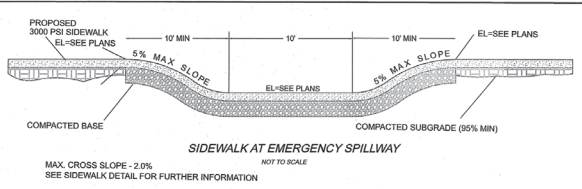
BASIN 3

Elev(Ft)	Storage(CF)	Area(SF)	Area(Acre)
10.0	0.0	238.600	0.005
11.0	431	656.500	0.015
12.0	1512	1569.979	0.036
12.5	2414	2050.244	0.047
13.0	3823	2974.358	0.068



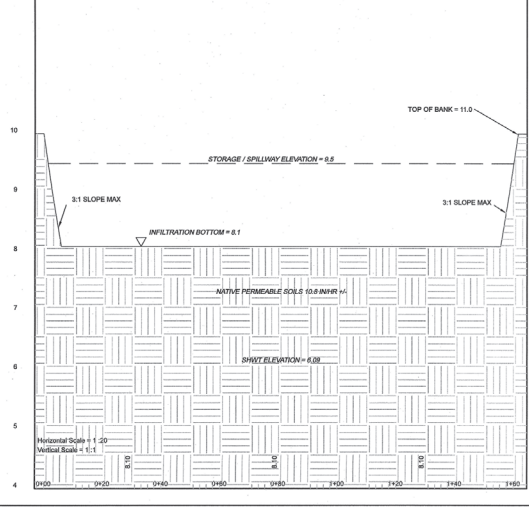
GENERAL BASIN NOTES:
 BASINS TO BE CONSTRUCTED AS LOTS ARE DEVELOPED. IF SERVING MULTIPLE LOTS THE ENTIRE BASIN SHALL BE CONSTRUCTED AT THE TIME THE FIRST LOT IS TO BE DEVELOPED.
 DURING CONSTRUCTION, BASIN AREAS SHALL BE MARKED OFF TO PREVENT CONSTRUCTION TRAFFIC FROM ENTERING THE AREA AND COMPACTING SOILS.
 GRADING OF THE BASIN SHALL BE ACCOMPLISHED USING LOW-IMPACT EQUIPMENT TO PREVENT COMPACTION OF THE SOILS.
 DO NOT DISTURB UNDERLYING SOILS BELOW FINAL DESIGN ELEVATION.
 PERMANENT VEGETATION, SEEDING, AND MATTING OF BASINS SHALL BE COMPLETED WITHIN 2 DAYS OF FINAL GRADING.
 VEGETATION ALONG THE SURFACE OF BASINS SHALL BE MAINTAINED IN GOOD CONDITION. AVOID EXCESSIVE COMPACTION BY MOWERS AND OTHER EQUIPMENT WHILE MAINTAINING.
 LOW MAINTENANCE VEGETATION SHALL BE USED IN LANDSCAPING OF BASIN TO REDUCE COMPACTION FROM CONSTANT MOWING.
 ALL ROOF DRAINS DIRECTED TO BASINS SHALL BE SCREENED.
 NON PERVIOUS SURFACES SHALL BE DIRECTLY CONNECTED TO BASIN UNLESS IT HAS BEEN SCREENED.
 MAXIMUM SIDE SLOPES SHALL BE 3:1 UNLESS WITHOUT SPECIAL STABILIZATION
 BASIN 5: A 1' LAYER OF CLAY WAS OBSERVED AT THE BORING LOCATION BETWEEN THE DEPTHS OF 3-4 FEET. IF ENCOUNTERED DURING CONSTRUCTION THE LAYER SHALL BE REMOVED FROM THE BASIN BOTTOM AND REPLACED WITH SOIL MATCHING THE EXISTING INFILTRATION RATES AT MINIMUM.

BASIN	TOP OF BANK	SPILLWAY
1	11	10.5
2	11	10.5
3	13	12.5
4	10	9.5
5	10	9.5



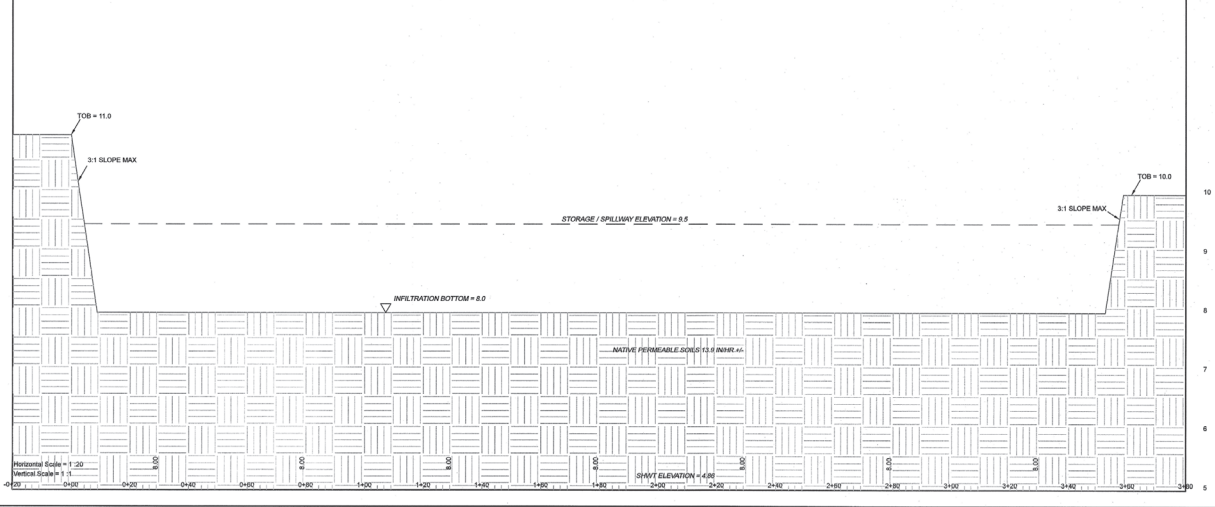
BASIN 4

Elev(Ft)	Storage(CF)	Area(SF)	Area(Acre)
8.100	0.0	1476.023	0.034
9.000	2080	3276.790	0.075
9.500	4017	4472.056	0.103
10.000	6497	5485.458	0.125



BASIN 5

Elev(Ft)	Storage(CF)	Area(SF)	Area(Acre)
8.000	0.0	1240.919	0.028
9.000	2216	3363.134	0.077
9.500	4163	4450.256	0.102
10.000	6658	5555.455	0.128



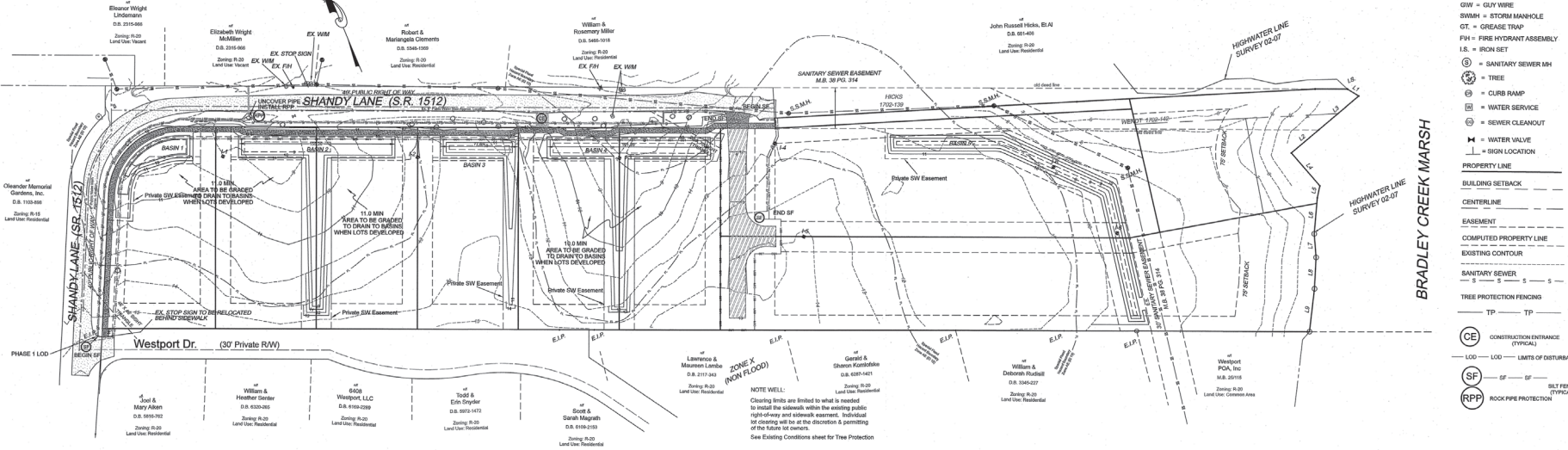
DATE	REVISIONS

GRADING AND STORMWATER
LEGACY POINTE
 HANOVER COUNTY, NORTH CAROLINA
 OWNER: BARKER AND BOGGS
 1000 W. 10TH STREET, SUITE 201
 WILMINGTON, N.C. 28403
 Date: 3-15-21
 Scale: AS SHOWN
 UNIT: FEET
 DRAWN: AHO
 CHECKED: AHO
 PROJECT NO: 11738

INFILTRATION BASINS



DISTURBED AREA: 0.55 ACRES



LEGEND
WW = WATER WAVE
CS = SANITARY SEWER CLEAN OUT
INV = INVERT
BFO = BLOW OFF ASSEMBLY
BFP = BACK FLOW PREVENTOR
GWI = GUY WIRE
SWMH = STORM MANHOLE
GT = GREASE TRAP
PH = FIRE HYDRANT ASSEMBLY
IS = IRON SET
= SANITARY SEWER SH
= TREE
= CURB RAMP
= WATER SERVICE
= SEWER CLEANOUT
= WATER VALVE
= SIGN LOCATION
PROPERTY LINE
BUILDING SETBACK
CENTERLINE
EASEMENT
COMPUTED PROPERTY LINE
EXISTING CONTOUR
SANITARY SEWER
TREE PROTECTION FENCING
TP TP
CONSTRUCTION ENTRANCE (TYPICAL)
LIMITS OF DISTURBANCE
SILT FENCE (TYPICAL)
ROCK PILE PROTECTION

DATE: _____
PROVISIONS
OWNER: BARKER AND BOGGS LAND, SUITE 201
WILMINGTON, N.C. 28403
EROSION CONTROL
LEGACY POINT
HARRIS TOWNSHIP, WILMINGTON COUNTY, NORTH CAROLINA
3-15-21
Date: _____
Revised: P. J. P.
Checked: _____
Approved: _____
1/12/20

CONSTRUCTION SCHEDULE - PHASE 1: SIDEWALK AND PAVEMENT CONSTRUCTION
1. Obtain approval of Plan and any necessary permits, and hold a pre-construction conference prior to commencing any work.
2. Flag work limits and stake-out measures for preliminary grading. Install all fencing as shown, prior to clearing and grubbing sites.
3. Install Ground Protection Structures.
4. Maintain Sediment fence as this will be the main source of sediment control.
5. Immediately stabilize all non-construction areas.
6. Construct any other sediment control Practices shown, prior to rough grading site, stockpiling as needed.
7. Establish fire grades.
8. All erosion and sediment control Practices are to be inspected weekly and after any rainfall, and repaired as necessary.
9. Upon completion of grading and concrete installation, all disturbed areas are to be permanently vegetative stabilized. After site stabilization, temporary measures are to be removed.
10. Every SCM impacted by sedimentation and erosion control during the construction phase shall be cleaned out and converted to its approved design state.
CONSTRUCTION SCHEDULE - PHASE 2: FUTURE LOT DEVELOPMENT
1. Lot owner/developer shall be responsible for stabilizing/erosion control permits prior to commencing any work on lots outside of the phase 1 limits of disturbance.
2. Every SCM impacted by sedimentation and erosion control during the construction phase shall be cleaned out and converted to its approved design state.
MAINTENANCE PLAN -
1. All measures to be inspected weekly and after any rainfall event and needed repairs made immediately.
2. Sediment to be removed from behind the Silt Fence when it becomes 0.5 ft deep. Fencing to be repaired as needed to maintain a barrier.
3. All seeded areas shall be fertilized, mowed, and re-seeded as necessary, according to specifications provided, to maintain a suitable vegetative cover.
4. Construction entrances are to be maintained in condition to prevent mud or sediment from leaving the construction site. Products/topsoil/water with > 2% silt may be required. Remove all objectionable material spilled, washed, or tracked on public roads immediately.

EROSION CONTROL PLAN
LEGACY POINT
HARRIS TOWNSHIP, WILMINGTON COUNTY, NORTH CAROLINA
3-15-21
Date: _____
Revised: P. J. P.
Checked: _____
Approved: _____
1/12/20
NOTE: SEE NATE WELL
N.T.S.

Setback Requirements
SECTION 5.11 - Specifications
Detailed Requirements
Disturbance of vegetation should not be allowed on areas that are unexcavated until the vegetation is established. All areas shall be protected with a minimum of 12 inches of straw, mulch, or other approved erosion control measure. Areas that are excavated shall be protected with a minimum of 12 inches of straw, mulch, or other approved erosion control measure.
To maintain a good aspect of vegetation, the soil must meet minimum requirements for a given season. The following shall apply to those areas:
- Drainage: Fine-grained (silt and clay) material, not contain sandstone. Sufficient depth to provide adequate water infiltration.
- Soil: Sufficient depth to provide adequate root zone.
- Fertilizer: Apply in accordance with soil test results.
- Irrigation: Provide adequate irrigation to maintain adequate moisture levels.
- Mulch: Apply in accordance with soil test results.
- Erosion Control: Use approved erosion control measures.
- Planting: Plant in accordance with soil test results.
- Maintenance: Maintain areas in accordance with soil test results.

Soil Erosion Control
SECTION 5.12 - Specifications
Detailed Requirements
Soil erosion control measures shall be installed and maintained in accordance with the following specifications:
- Erosion Control Measures: Use approved erosion control measures.
- Sedimentation: Install sedimentation control measures.
- Erosion Control Measures: Use approved erosion control measures.
- Sedimentation: Install sedimentation control measures.
- Erosion Control Measures: Use approved erosion control measures.
- Sedimentation: Install sedimentation control measures.

Grading
SECTION 5.13 - Specifications
Detailed Requirements
Grading shall be performed in accordance with the following specifications:
- Grading: Perform grading in accordance with soil test results.
- Erosion Control: Use approved erosion control measures.
- Sedimentation: Install sedimentation control measures.
- Erosion Control: Use approved erosion control measures.
- Sedimentation: Install sedimentation control measures.

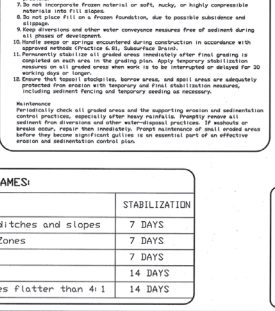
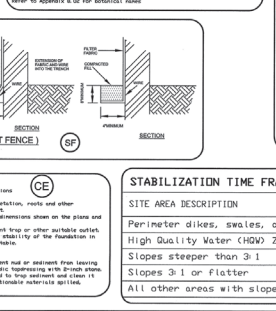
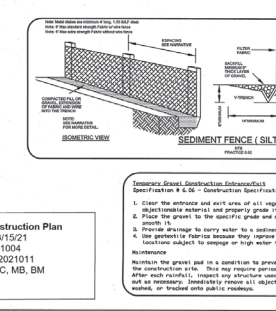
Sanitary Sewer
SECTION 5.14 - Specifications
Detailed Requirements
Sanitary sewer shall be installed and maintained in accordance with the following specifications:
- Sanitary Sewer: Install sanitary sewer in accordance with soil test results.
- Erosion Control: Use approved erosion control measures.
- Sedimentation: Install sedimentation control measures.
- Sanitary Sewer: Install sanitary sewer in accordance with soil test results.

Construction
SECTION 5.15 - Specifications
Detailed Requirements
Construction shall be performed in accordance with the following specifications:
- Construction: Perform construction in accordance with soil test results.
- Erosion Control: Use approved erosion control measures.
- Sedimentation: Install sedimentation control measures.
- Construction: Perform construction in accordance with soil test results.

Stabilization Time Frames
SECTION 5.16 - Specifications
Detailed Requirements
Stabilization time frames shall be as follows:
- High Quality Water (HQW) Zones: 7 DAYS
- Slopes steeper than 3:1: 7 DAYS
- Slopes 3:1 or Flatter: 14 DAYS
- All other areas with slopes flatter than 4:1: 14 DAYS

Stabilization Time Frames
SECTION 5.17 - Specifications
Detailed Requirements
Stabilization time frames shall be as follows:
- High Quality Water (HQW) Zones: 7 DAYS
- Slopes steeper than 3:1: 7 DAYS
- Slopes 3:1 or Flatter: 14 DAYS
- All other areas with slopes flatter than 4:1: 14 DAYS

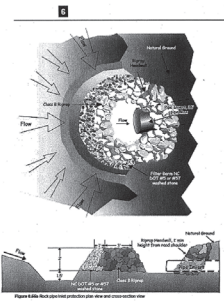
Approved Construction Plan
Date: 3/15/21
2021004
SWP #: 2021011
PO, CW, RC, MB, BM



Stabilization Time Frames
SECTION 5.18 - Specifications
Detailed Requirements
Stabilization time frames shall be as follows:
- High Quality Water (HQW) Zones: 7 DAYS
- Slopes steeper than 3:1: 7 DAYS
- Slopes 3:1 or Flatter: 14 DAYS
- All other areas with slopes flatter than 4:1: 14 DAYS

Stabilization Time Frames
SECTION 5.19 - Specifications
Detailed Requirements
Stabilization time frames shall be as follows:
- High Quality Water (HQW) Zones: 7 DAYS
- Slopes steeper than 3:1: 7 DAYS
- Slopes 3:1 or Flatter: 14 DAYS
- All other areas with slopes flatter than 4:1: 14 DAYS

Stabilization Time Frames
SECTION 5.20 - Specifications
Detailed Requirements
Stabilization time frames shall be as follows:
- High Quality Water (HQW) Zones: 7 DAYS
- Slopes steeper than 3:1: 7 DAYS
- Slopes 3:1 or Flatter: 14 DAYS
- All other areas with slopes flatter than 4:1: 14 DAYS



GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT
 Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit Sections E and F, respectively. The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Required Ground Stabilization Timeframes	
	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> • Temporary grass seed covered with straw or other mulches and tackifiers • Hydroseeding • Rolled erosion control products with or without temporary grass seed • Appropriately applied straw or other mulch • Plastic sheeting 	<ul style="list-style-type: none"> • Permanent grass seed covered with straw or other mulches and tackifiers • Geotextile fabrics such as permanent soil reinforcement matting • Hydroseeding • Shrubs or other permanent plantings covered with mulch • Uniform and evenly distributed ground cover sufficient to restrain erosion • Structural methods such as concrete, asphalt or retaining walls • Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

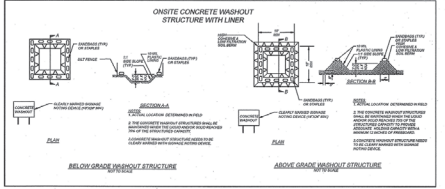
1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



CONCRETE WASHOUTS

1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

ROCK PILE PROTECTION SPECIFICATION (RPP)

CONSTRUCTION SPECIFICATIONS

1. Clear the area of all debris that might hinder excavation and disposal of spoil.
2. Install the Chain of Clay (COC) in a single-circle around the pile site. The COC should be 30' in length and 30' in width and should be 3' high with a minimum bottom width of 18". The bottom height should be 2" less than 1 foot lower than the shoulder of the embankment or driveway.
3. A 2' high steel pipe (HSD-202) or RPP stone should be placed on the outside edge of the COC.
4. The embankment slope area should be excavated around the outside of the area to be protected.

MAINTENANCE

Inspect rock pile and protection at least weekly and after each significant (2") inch or greater rainfall event. Repair any damage. Remove material that enters the embankment storage area to its original dimensions when the embankment is maintained for grading, excavation, compact area properly, and stabilize with ground cover.

Check the structure for damage. Any damage displaced from the above location must be repaired immediately.

After all the embankment protecting areas have been permanently stabilized, remove the structure and all of the embankment. Smooth the area to blend with the adjoining areas and provide permanent ground cover (Grass Distribution).

For each open utility cut of City streets, a ESOE permit shall be required from the City prior to occupancy and/or project completion.

WILMINGTON
 NORTH CAROLINA
 Public Service & Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit #: _____
 Signed: _____

Approved Construction Plan
 Date: 3/15/21
 # 2021004
 SWP #: 2021011
 PO, CW, RC, MB, BM

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

LEGACY POINTE

OWNER: BARKER AND BOGGS DEVELOPMENT LLC, SUITE 201
 WILMINGTON, N.C. 28403

DATE: _____

REVISIONS:

NO.	DATE	DESCRIPTION

EROSION CONTROL PLAN

WILMINGTON WATER & SEWER UTILITIES DEPARTMENT

EC-2
 EC-3

**PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING**

SECTION A: SELF-INSPECTION
Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(j) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover), 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

**PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING**

SECTION B: RECORDKEEPING
1. E&SC Plan Documentation
The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site
In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years
All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

**PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING**

SECTION C: REPORTING
1. Occurrences that Must be Reported
Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:

- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref. 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref. 40 CFR 302.4) or G.S. 143-215.85.

(d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements
After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(i)(7)]	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [40 CFR 122.41(i)(6). Division staff may waive the requirement for a written report on a case-by-case basis.

**PART II, SECTION G, ITEM (4)
DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT**

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

(a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items.

(b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit.

(c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems.

(d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in item (c) above.

(e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and

(f) Sediment removed from the dewatering treatment devices described in item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING **EFFECTIVE: 04/01/19**

DATE _____

INSPECTOR _____

OWNER: BARKER AND BOGGS
1000 W. HANOVER AVENUE, SUITE 100
HANOVER, NORTH CAROLINA 28031
704.765.1234
LIC# 000000000000

LEGACY POINTE

EROSION CONTROL

OWNER: BARKER AND BOGGS
1000 W. HANOVER AVENUE, SUITE 100
HANOVER, NORTH CAROLINA 28031
704.765.1234
LIC# 000000000000

DATE: 3-15-21
Scale: HORIZ. 1" = 50'
Checked: ANG
Permit No: 11738

EROSION CONTROL PLAN

FOR THE
EC-3
EC-3

For each open utility out of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

WATER
CITY OF WASHINGTON
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan
Date: 3/15/21
2021004
SWP #: 2021011
PO, CW, RC, MB, BM