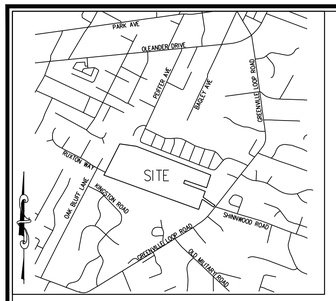
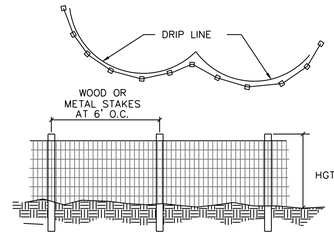


VICINITY MAP
(NTS)

Site Inventory Notes:

1. Soils Type: JO (Johnston loam) & Le (Leon fine sand)
2. This property is not impacted by any AEC.
3. There are no Conservation Overlay boundaries affecting this property.
4. This site is not impacted by any recognized historic or archeological significance.
5. No cemeteries were evidenced on the site.
6. Existing vegetation has been located and is labeled.
7. There is evidence of jurisdictional wetlands on the site.
8. There is no evidence of endangered species or habitat issues on the site.
9. This property is not within any Special Flood Hazard area as evidenced on FEMA FIRM 3720315600J, Effective Date April 3, 2006.
10. The site drainage flows into and unnamed tributary of Hewletts Creek SA; HQW classified waters.



NOTES:
1. PRIOR TO ANY LAND DISTURBING ACTIVITIES, TREE PROTECTION FENCES SHALL BE INSTALLED ALONG THE DRIP LINES OF ALL EXISTING TREES LABELED AS TO BE RETAINED; NO STORAGE OF MATERIALS, FILL ETC. AND NO PEDESTRIAN OR VEHICULAR TRAFFIC SHALL BE ALLOWED INSIDE OF THE FENCES DURING CONSTRUCTION.
2. TREE PROTECTION FENCING SHOULD BE LOCATED ONE FOOT OUT FROM THE TRUNK FOR EACH ONE INCH OF TRUCK DIAMETER.

Tree Protection Fence Detail

Tree Legend / Inventory

- GUM = 100
- HARDWOOD = 131
- MAGNOLIA = 27
- MAPLE = 3
- OAK = 54
- PINE = 909
- BAY = 4
- TREE TO BE REMOVED

TREE LIST

10" GUM	7	9" PINE	2
12" GUM	31	10" PINE	64
15" GUM	10	11" PINE	7
18" GUM	7	12" PINE	143
24" GUM	9	13" PINE	14
5" HARDWOOD	2	14" PINE	7
6" HARDWOOD	2	15" PINE	122
7" HARDWOOD	8	16" PINE	6
8" HARDWOOD	6	17" PINE	3
9" HARDWOOD	5	18" PINE	61
10" HARDWOOD	13	20" PINE	1
11" HARDWOOD	2	21" PINE	1
12" HARDWOOD	22	23" PINE	1
13" HARDWOOD	1	24" PINE	40
14" HARDWOOD	3	28" PINE	1
15" HARDWOOD	11	30" PINE	3
17" HARDWOOD	2	36" PINE	4
18" HARDWOOD	4	6" MAG	3
24" HARDWOOD	5	8" MAG	4
26" HARDWOOD	1	10" MAG	2
28" HARDWOOD	1	12" MAG	2
8" LOAK	3	15" MAG	1
10" LOAK	5	36" MAG	1
12" LOAK	15	7" BAY	1
15" LOAK	5	8" BAY	1
18" LOAK	4	9" BAY	1
12" OAK	2		
15" OAK	2		
42" OAK	1		

TREES TO BE REMOVED

8" GUM	2	10" PINE	47
10" GUM	5	11" PINE	3
12" GUM	15	12" PINE	135
15" GUM	10	13" PINE	6
18" GUM	4	14" PINE	3
6" HARDWOOD	4	15" PINE	92
7" HARDWOOD	5	16" PINE	7
8" HARDWOOD	6	18" PINE	89
9" HARDWOOD	2	20" PINE	2
10" HARDWOOD	13	24" PINE	40
11" HARDWOOD	4	30" PINE	3
12" HARDWOOD	2	31" PINE	1
15" HARDWOOD	4	34" PINE	1*
18" HARDWOOD	1	10" OAK	1
22" HARDWOOD	1	15" OAK	1
25" HARDWOOD	1*	8" MAPLE	1
8" LOAK	1	12" MAPLE	2
10" LOAK	3	8" MAG	5**
12" LOAK	4	10" MAG	2*
15" LOAK	2	12" MAG	5*
18" LOAK	4	15" MAG	1*
24" LOAK	1*	25" MAG	1*
12" BAY	1		

* - SIGNIFICANT

* - SIGIFICANT TREE TO BE RELOCATED

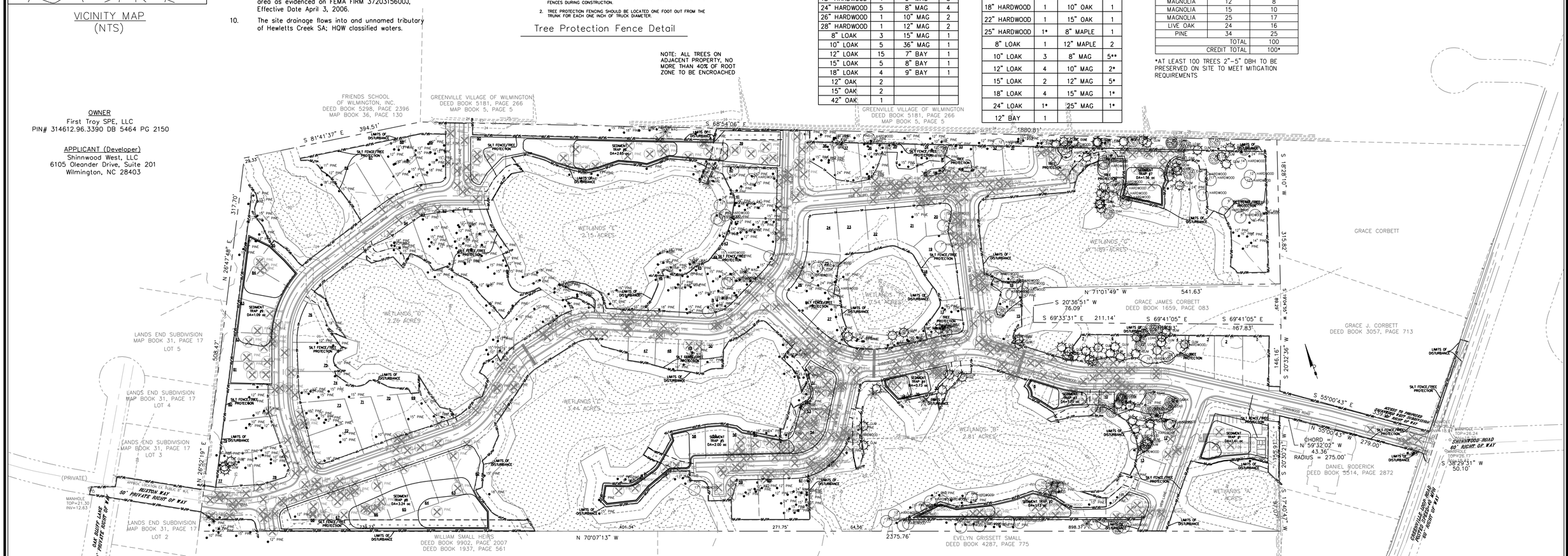
MITIGATION CALCULATIONS		
TREE TO BE REMOVED	DIAMETER (in)	# OF TREES REQUIRED
HARDWOOD	25	17
MAGNOLIA	10	7
MAGNOLIA	12	8
MAGNOLIA	15	10
MAGNOLIA	25	17
LIVE OAK	24	16
PINE	34	25
	TOTAL	100
	CREDIT TOTAL	100*

*AT LEAST 100 TREES 2"-5" DBH TO BE PRESERVED ON SITE TO MEET MITIGATION REQUIREMENTS

NOTE: ALL TREES ON ADJACENT PROPERTY, NO MORE THAN 40% OF ROOT ZONE TO BE ENCROACHED

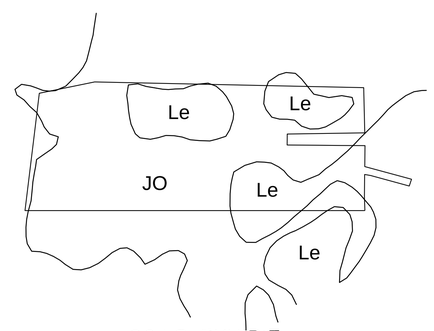
OWNER
First Troy SPE, LLC
PIN# 314612.96.3390 DB 5464 PG 2150

APPLICANT (Developer)
Shinnwood West, LLC
6105 Oleander Drive, Suite 201
Wilmington, NC 28403



Tree Preservation Notes:

1. Tree Preservation / Removal Permit is required prior to clearing & land disturbance.
2. Any regulated or significant trees within streetyards, and all trees within bufferyards or beyond limits of essential site improvements are required to be protected & preserved. Existing trees within construction limits should be spaded & replanted elsewhere on site when feasible.
3. No equipment is allowed on the site until all tree protection fencing and silt fencing has been installed and approved. Protection fencing shall be installed around all individual trees or groves of trees that have been designated for preservation & protection.
4. No construction workers, tools, materials or vehicles are permitted within the tree protection fencing.
5. Protective fencing is to be maintained throughout the duration of the project. Land clearing and construction contractors shall receive adequate instruction on tree protection requirements and methods.



SOILS EXHIBIT

Contour Interval – 1'
Boundary & Topographic data & tree locations compiled from an actual field survey by Johnny J. Williams Land Surveying, P.C. and by existing plans and available information.

General Notes:

1. New Hanover County Parcel Nos.:
   PIN# 314612.96.3390
2. Total Area: 45.99 ac.±
3. Existing Zoning: R-15
   Proposed R-15 Cluster Subdivision
   Setbacks – Front 10' from ROW
   Rear 25' Perimeter Buffer
   Side Zero Lot Line,
   10' between Structures
4. CAMA Land Classification: Water Resource Protection

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

NORTH CAROLINA PROFESSIONAL SEAL 031315 ENGINEER GARRY S. PAPE 03/20/2013

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

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

GRAPHIC SCALE
100 0 50 100 200
1 inch = 100 ft.

No.	Revision	Date	By

Designer GSP	Scale 1" = 100'
Drawn By GSP	Date March 2013
License # P-0718	Job No. 2012-0008

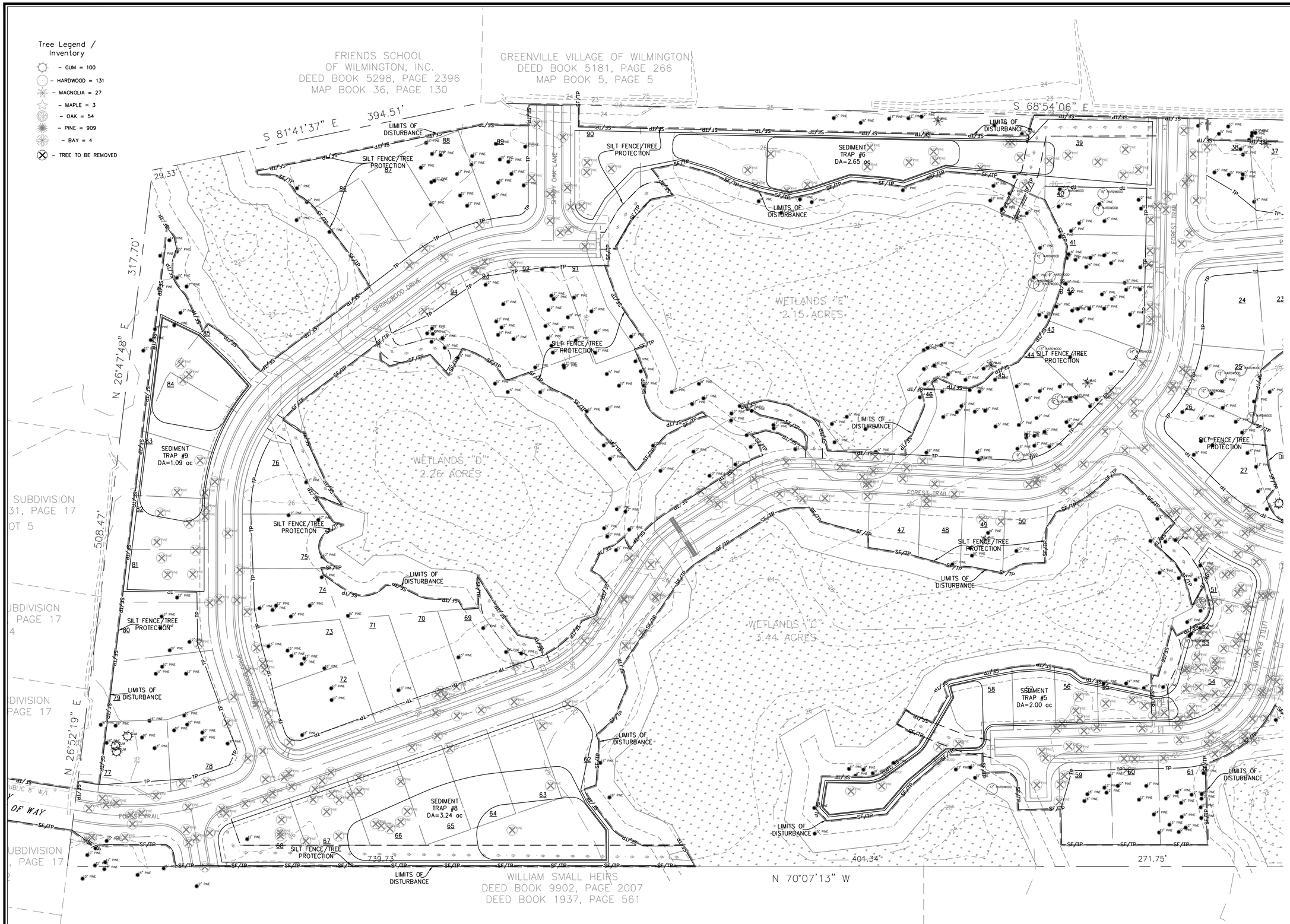
SHINNWOOD WEST
Wilmington New Hanover County North Carolina

SITE INVENTORY PLAN

PREPARED FOR:
SHINNWOOD WEST, LLC
6105 OLEANDER DRIVE
SUITE 201
WILMINGTON, NC 28403

GSP CONSULTING, PLLC
ENGINEERING
6626 Gordon Road Unit C Wilmington, North Carolina 28411 tel: 910-442-7870 fax: 910-799-6659

Sheet No.
C-2.2



TREE LIST

10" GUM	7	9" PINE	2
12" GUM	31	10" PINE	64
15" GUM	10	11" PINE	7
18" GUM	7	12" PINE	143
24" GUM	9	13" PINE	14
5" HARDWOOD	2	14" PINE	7
6" HARDWOOD	2	15" PINE	122
7" HARDWOOD	8	16" PINE	6
8" HARDWOOD	6	17" PINE	3
9" HARDWOOD	5	18" PINE	61
10" HARDWOOD	13	20" PINE	1
11" HARDWOOD	2	21" PINE	1
12" HARDWOOD	22	23" PINE	1
13" HARDWOOD	1	24" PINE	40
14" HARDWOOD	3	28" PINE	1
15" HARDWOOD	11	30" PINE	3
17" HARDWOOD	2	36" PINE	4
18" HARDWOOD	4	6" MAG	3
24" HARDWOOD	5	8" MAG	4
26" HARDWOOD	1	10" MAG	2
28" HARDWOOD	1	12" MAG	2
8" LOAK	3	15" MAG	1
10" LOAK	5	36" MAG	1
12" LOAK	15	7" BAY	1
15" LOAK	5	8" BAY	1
18" LOAK	4	9" BAY	1
12" OAK	2		
15" OAK	2		
42" OAK	1		

TREES TO BE REMOVED

8" GUM	2	10" PINE	47
10" GUM	5	11" PINE	3
12" GUM	15	12" PINE	135
15" GUM	10	13" PINE	6
18" GUM	4	14" PINE	3
6" HARDWOOD	4	15" PINE	92
7" HARDWOOD	5	16" PINE	7
8" HARDWOOD	6	18" PINE	89
9" HARDWOOD	2	20" PINE	2
10" HARDWOOD	13	24" PINE	40
11" HARDWOOD	4	30" PINE	3
12" HARDWOOD	2	31" PINE	1
15" HARDWOOD	4	34" PINE	1
18" HARDWOOD	1	10" OAK	1
22" HARDWOOD	1	15" OAK	1
25" HARDWOOD	1	8" MAPLE	1
8" LOAK	1	12" MAPLE	2
10" LOAK	3	8" MAG	5
12" LOAK	4	10" MAG	2
15" LOAK	2	12" MAG	5
18" LOAK	4	15" MAG	1
24" LOAK	1	25" MAG	1
12" BAY	1		

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

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

NORTH CAROLINA PROFESSIONAL SEAL 031315 ENGINEER GARRY S. PAPE
03/20/2013

GRAPHIC SCALE
50 0 25 50 100
1 inch = 50 ft.

No.	Revision	Date	By

Designer GSP	Scale 1" = 50'
Drawn By GSP	Date March 2013
License # P-0718	Job No. 2012-0008

SHINNWOOD WEST

Wilmington New Hanover County North Carolina

SITE INVENTORY PLAN

PREPARED FOR:
SHINNWOOD WEST, LLC
6105 OLEANDER DRIVE
SUITE 201
WILMINGTON, NC 28403

GSP CONSULTING, PLLC
ENGINEERING
6626 Gordon Road Unit C Wilmington, North Carolina 28411 tel: 910-442-7870 fax: 910-799-6659

Sheet No. **C-2.3**

Tree Legend / Inventory

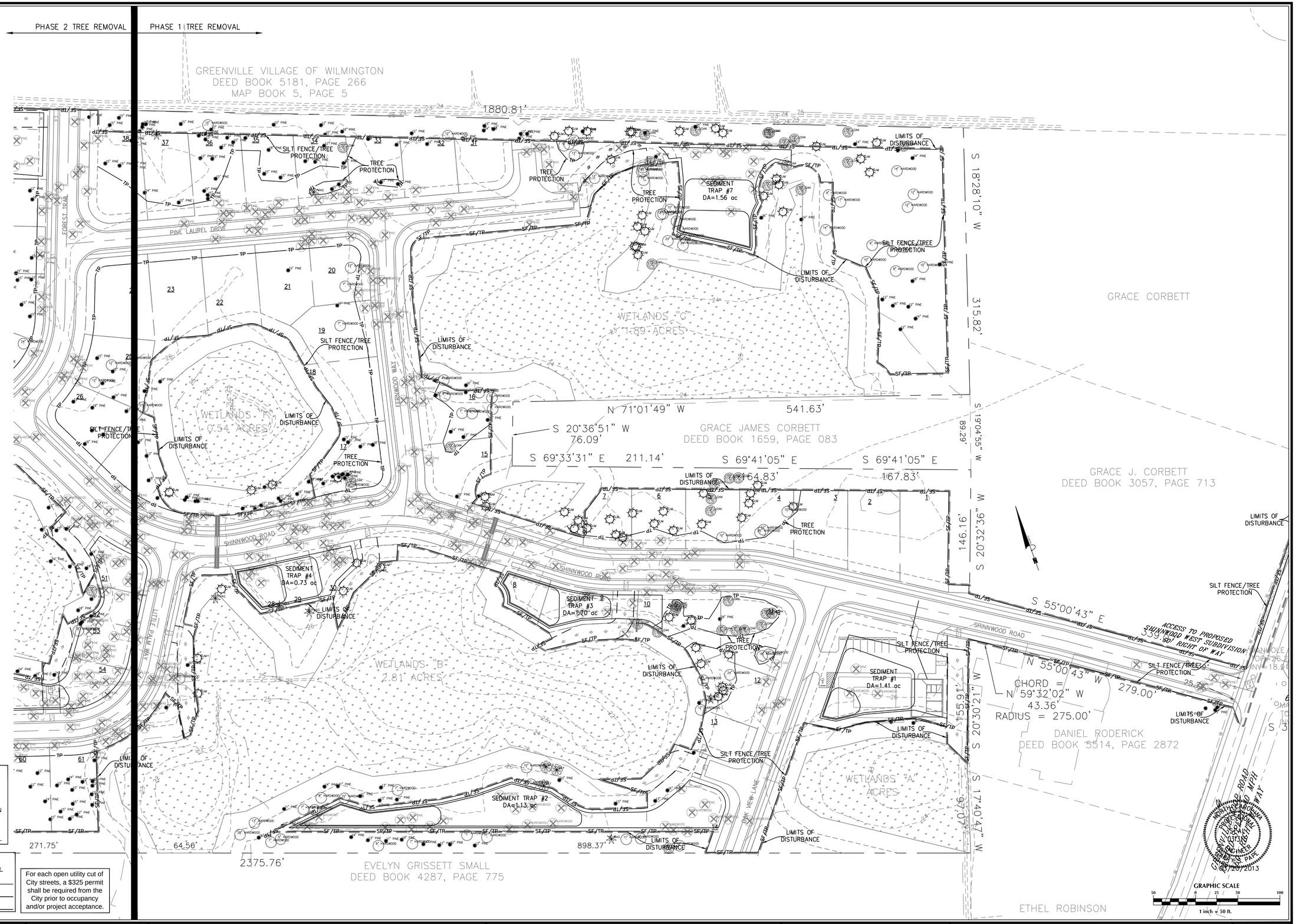
- GUM = 100
- HARDWOOD = 131
- MAGNOLIA = 27
- MAPLE = 3
- OAK = 54
- PINE = 909
- BAY = 4
- TREE TO BE REMOVED

TREE LIST

10" GUM	7	9" PINE	2
12" GUM	31	10" PINE	64
15" GUM	10	11" PINE	7
18" GUM	7	12" PINE	143
24" GUM	9	13" PINE	14
5" HARDWOOD	2	14" PINE	7
6" HARDWOOD	2	15" PINE	122
7" HARDWOOD	8	16" PINE	6
8" HARDWOOD	6	17" PINE	3
9" HARDWOOD	5	18" PINE	61
10" HARDWOOD	13	20" PINE	1
11" HARDWOOD	2	21" PINE	1
12" HARDWOOD	22	23" PINE	1
13" HARDWOOD	1	24" PINE	40
14" HARDWOOD	3	28" PINE	1
15" HARDWOOD	11	30" PINE	3
17" HARDWOOD	2	36" PINE	4
18" HARDWOOD	4	6" MAG	3
24" HARDWOOD	5	8" MAG	4
26" HARDWOOD	1	10" MAG	2
28" HARDWOOD	1	12" MAG	2
8" LOAK	3	15" MAG	1
10" LOAK	5	36" MAG	1
12" LOAK	15	7" BAY	1
15" LOAK	5	8" BAY	1
18" LOAK	4	9" BAY	1
12" OAK	2		
15" OAK	2		
42" OAK	1		

TREES TO BE REMOVED

8" GUM	2	10" PINE	47
10" GUM	5	11" PINE	3
12" GUM	15	12" PINE	135
15" GUM	10	13" PINE	6
18" GUM	4	14" PINE	3
6" HARDWOOD	4	15" PINE	92
7" HARDWOOD	5	16" PINE	7
8" HARDWOOD	6	18" PINE	89
9" HARDWOOD	2	20" PINE	2
10" HARDWOOD	13	24" PINE	40
11" HARDWOOD	4	30" PINE	3
12" HARDWOOD	2	31" PINE	1
15" HARDWOOD	4	34" PINE	1
18" HARDWOOD	1	10" OAK	1
22" HARDWOOD	1	15" OAK	1
25" HARDWOOD	1	8" MAPLE	1
8" LOAK	1	12" MAPLE	2
10" LOAK	3	8" MAG	5
12" LOAK	4	10" MAG	2
15" LOAK	2	12" MAG	5
18" LOAK	4	15" MAG	1
24" LOAK	1	25" MAG	1
12" BAY	1		



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

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

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

No.	Revision	Date	By

Designer GSP	Scale 1" = 50'
Drawn By GSP	Date March 2013
License # P-0718	Job No. 2012-0008

SHINNWOOD WEST

Wilmington New Hanover County North Carolina

SITE INVENTORY PLAN

PREPARED FOR:
SHINNWOOD WEST, LLC
6105 OLEANDER DRIVE
SUITE 201
WILMINGTON, NC 28403

GSP CONSULTING, PLLC
ENGINEERING
6626 Gordon Road Unit C Wilmington, North Carolina 28411 tel: 910-442-7870 fax: 910-799-6659

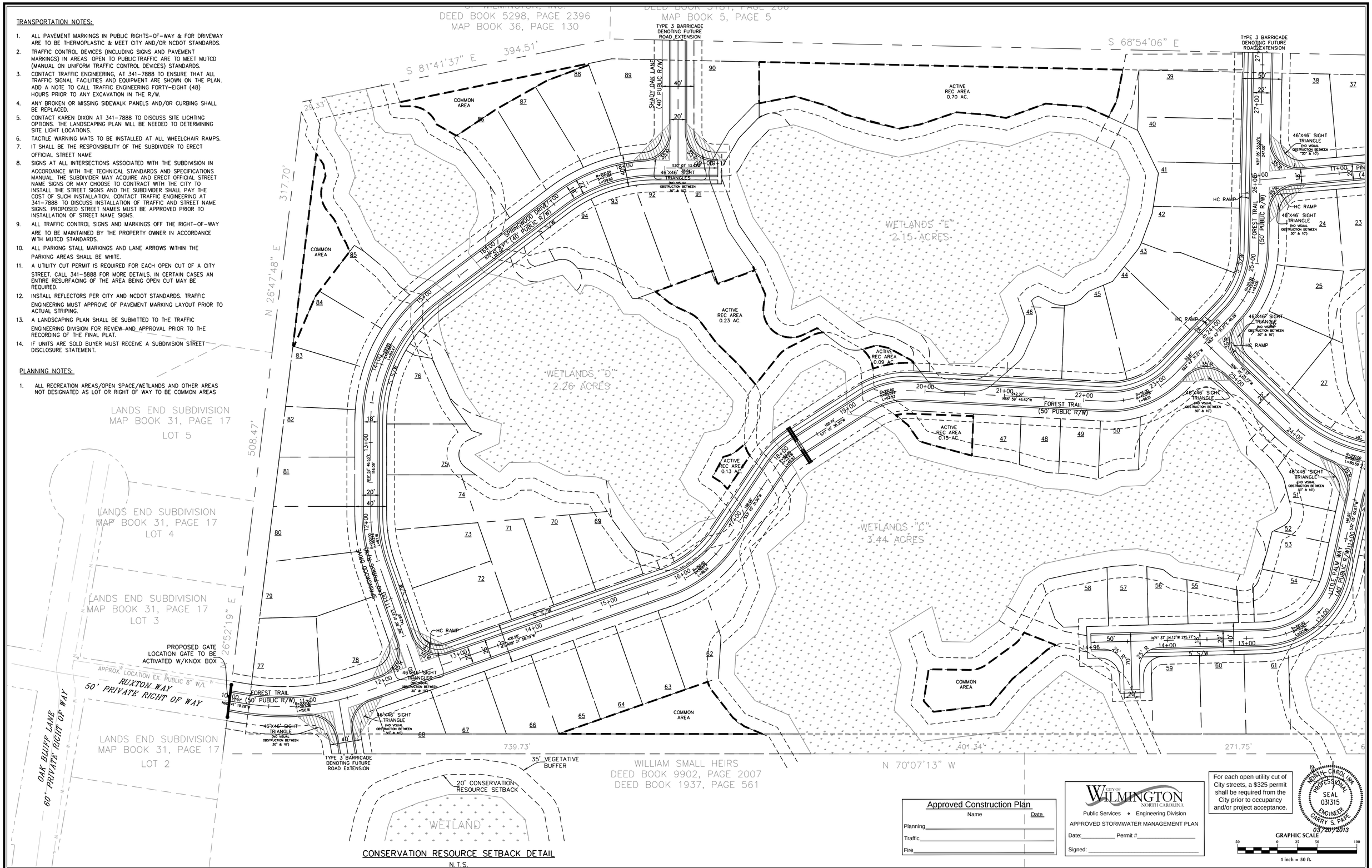
Sheet No. C-2.4

TRANSPORTATION NOTES:

1. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY & FOR DRIVEWAY ARE TO BE THERMOPLASTIC & MEET CITY AND/OR NCDOT STANDARDS.
2. TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
3. CONTACT TRAFFIC ENGINEERING, AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN. ADD A NOTE TO CALL TRAFFIC ENGINEERING FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION IN THE R/W.
4. ANY BROKEN OR MISSING SIDEWALK PANELS AND/OR CURBING SHALL BE REPLACED.
5. CONTACT KAREN DIXON AT 341-7888 TO DISCUSS SITE LIGHTING OPTIONS. THE LANDSCAPING PLAN WILL BE NEEDED TO DETERMINING SITE LIGHT LOCATIONS.
6. TACTILE WARNING MATS TO BE INSTALLED AT ALL WHEELCHAIR RAMPS.
7. IT SHALL BE THE RESPONSIBILITY OF THE SUBDIVIDER TO ERECT OFFICIAL STREET NAME
8. SIGNS AT ALL INTERSECTIONS ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL. THE SUBDIVIDER MAY ACQUIRE AND ERECT OFFICIAL STREET NAME SIGNS OR MAY CHOOSE TO CONTRACT WITH THE CITY TO INSTALL THE STREET SIGNS AND THE SUBDIVIDER SHALL PAY THE COST OF SUCH INSTALLATION. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
9. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
10. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
11. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CALL 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
12. INSTALL REFLECTORS PER CITY AND NCDOT STANDARDS. TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING LAYOUT PRIOR TO ACTUAL STRIPING.
13. A LANDSCAPING PLAN SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING DIVISION FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAT.
14. IF UNITS ARE SOLD BUYER MUST RECEIVE A SUBDIVISION STREET DISCLOSURE STATEMENT.

PLANNING NOTES:

1. ALL RECREATION AREAS/OPEN SPACE/WETLANDS AND OTHER AREAS NOT DESIGNATED AS LOT OR RIGHT OF WAY TO BE COMMON AREAS



CONSERVATION RESOURCE SETBACK DETAIL
N.T.S.

Approved Construction Plan	
Name	Date
Planning	
Traffic	
Fire	

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

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

NORTH CAROLINA PROFESSIONAL SEAL 031315 ENGINEER GARRY S. PAPE
03/20/2013

GRAPHIC SCALE
50 0 25 50 100
1 inch = 50 ft.

No.	Revision	Date	By

Designer GSP	Scale 1" = 50'
Drawn By GSP	Date March 2013
License # P-0718	Job No. 2012-0008

SHINNWOOD WEST
Wilmington New Hanover County North Carolina

SITE PLAN (SHEET 1 OF 2)

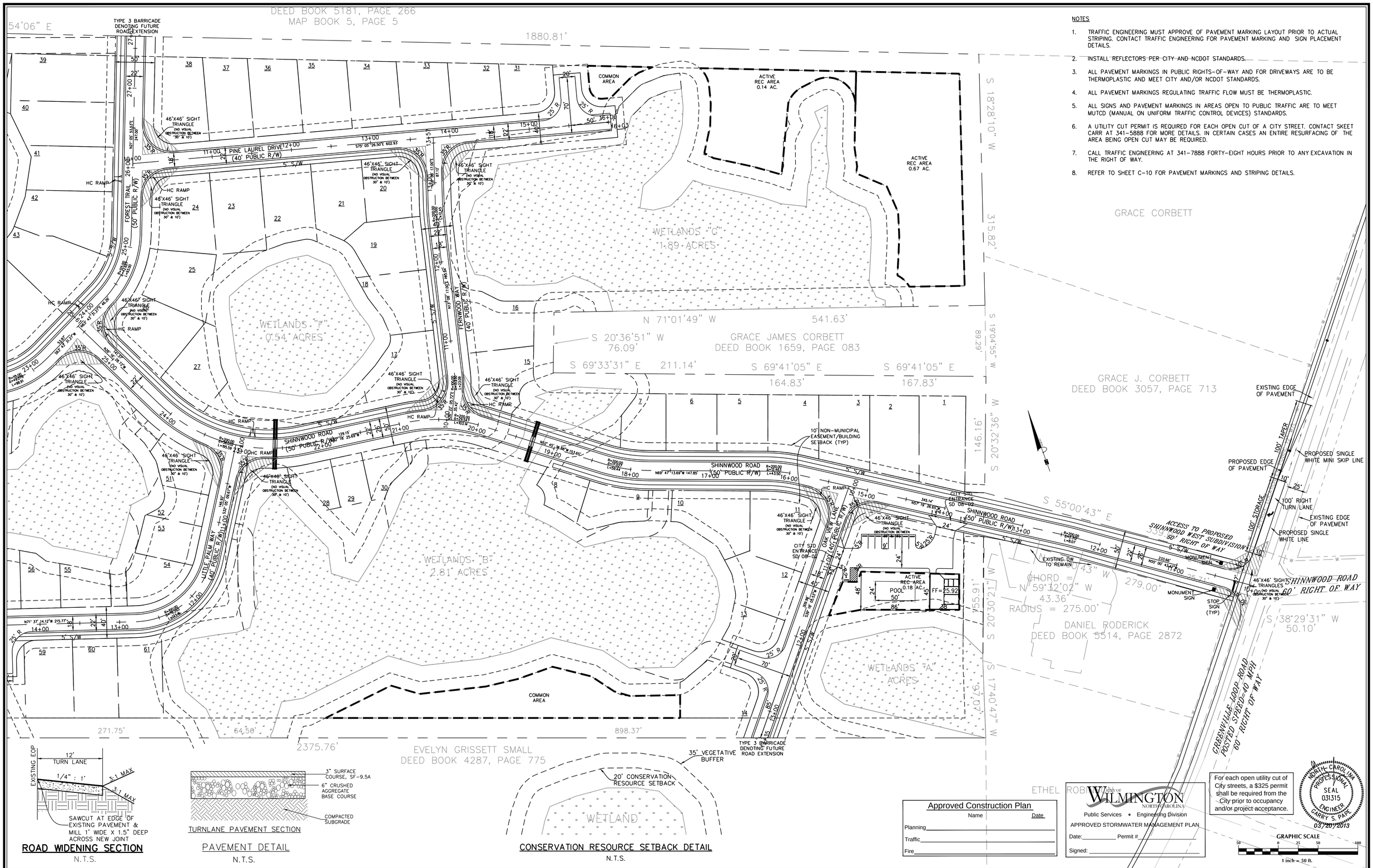
PREPARED FOR:
SHINNWOOD WEST, LLC
6105 OLEANDER DRIVE
SUITE 201
WILMINGTON, NC 28403

GSP CONSULTING, PLLC
ENGINEERING
6626 Gordon Road Unit C Wilmington, North Carolina 28411 tel: 910-442-7870 fax: 910-799-6659

Sheet No.
C-3.2

NOTES

1. TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING LAYOUT PRIOR TO ACTUAL STRIPING. CONTACT TRAFFIC ENGINEERING FOR PAVEMENT MARKING AND SIGN PLACEMENT DETAILS.
2. INSTALL REFLECTORS PER CITY AND NCDOT STANDARDS.
3. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
4. ALL PAVEMENT MARKINGS REGULATING TRAFFIC FLOW MUST BE THERMOPLASTIC.
5. ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
6. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT SKEET CARR AT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
7. CALL TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY.
8. REFER TO SHEET C-10 FOR PAVEMENT MARKINGS AND STRIPING DETAILS.



ROAD WIDENING SECTION
N.T.S.

TURNLANE PAVEMENT SECTION

PAVEMENT DETAIL
N.T.S.

CONSERVATION RESOURCE SETBACK DETAIL
N.T.S.

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

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

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

NORTH CAROLINA PROFESSIONAL SEAL 031315 ENGINEER CARRY S. PAPE 03/20/2013

GRAPHIC SCALE
50 0 25 50 100
1 inch = 50 ft.

No.	Revision	Date	By

Designer: GSP	Scale: 1" = 50'
Drawn By: GSP	Date: March 2013
License #: P-0718	Job No.: 2012-0008

SHINNWOOD WEST

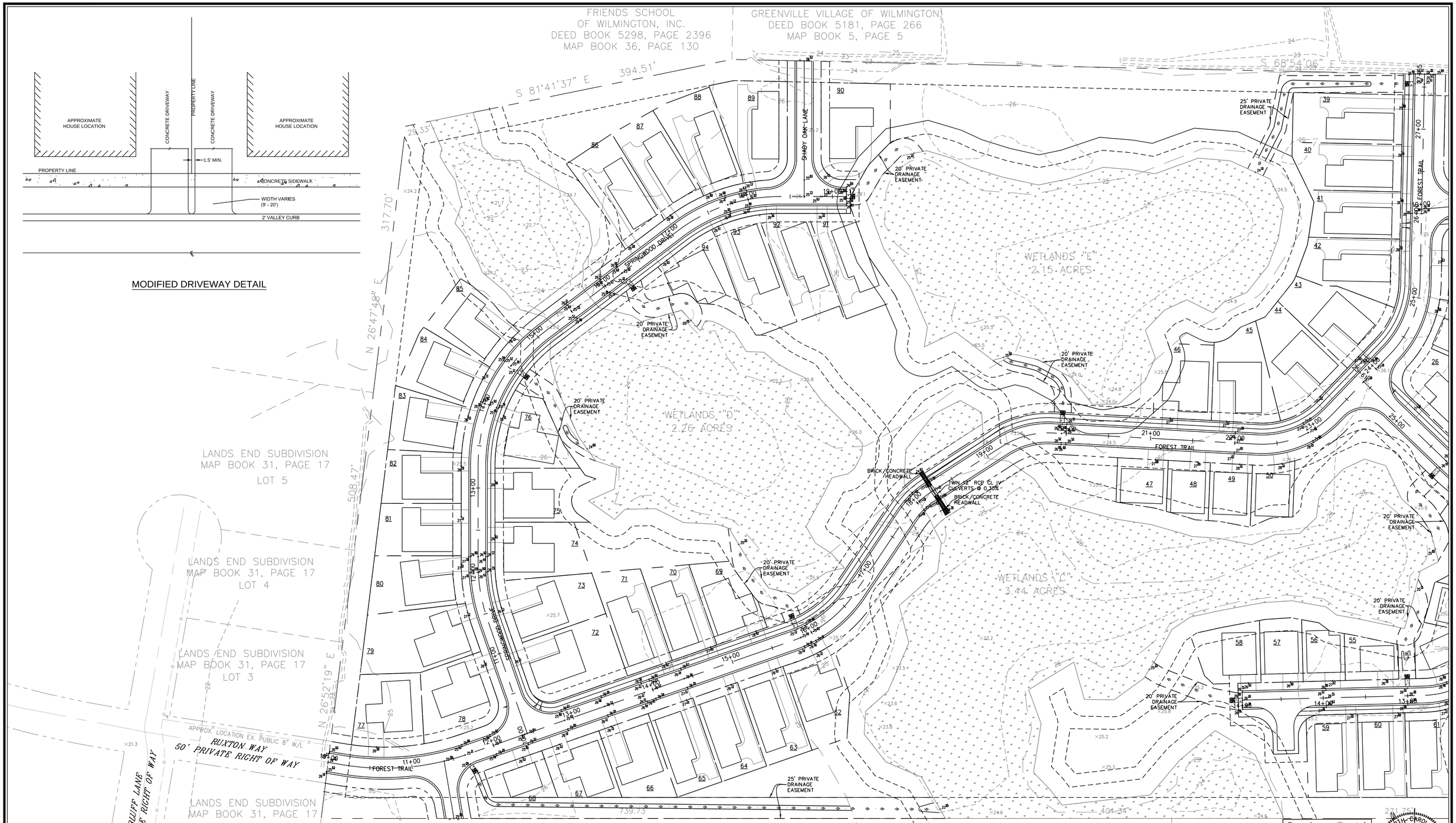
Wilmington New Hanover County North Carolina

SITE PLAN (SHEET 2 OF 2)

PREPARED FOR:
SHINNWOOD WEST, LLC
6105 OLEANDER DRIVE
SUITE 201
WILMINGTON, NC 28403

GSP CONSULTING, PLLC
ENGINEERING
6626 Gordon Road Unit C Wilmington, North Carolina 28411 tel: 910-442-7870 fax: 910-799-6659

Sheet No. C-3.3



NOTES:

1. AT LEAST 2 SURVEY MONUMENTS TO BE PLACED WITH THE NEW ROW'S. THESE SURVEY MONUMENTS SHOULD BE PLACED AT THE INTERSECTION OF SHINNWOOD ROAD AND FOREST TRAIL AND THE INTERSECTION OF FOREST TRAIL AND SPRINGWOOD DRIVE. PLACEMENT AND LOCATION OF MONUMENTS TO BE COORDINATED WITH CITY OF WILMINGTON ENGINEERING.
2. HOUSE TYPES ARE PRELIMINARY AND SUBJECT TO CHANGE.
3. ROW PERMITS ARE REQUIRED FOR ALL DRIVEWAY APRONS.

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

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

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

NORTH CAROLINA PROFESSIONAL SEAL 031315 ENGINEER GARRY S. PAPE
02/22/2013

GRAPHIC SCALE
50 0 25 50 100
1 inch = 50 ft.

No.	Revision	Date	By

Designer GSP	Scale 1" = 50'
Drawn By GSP	Date March 2013
License # P-0718	Job No. 2012-0008

SHINNWOOD WEST

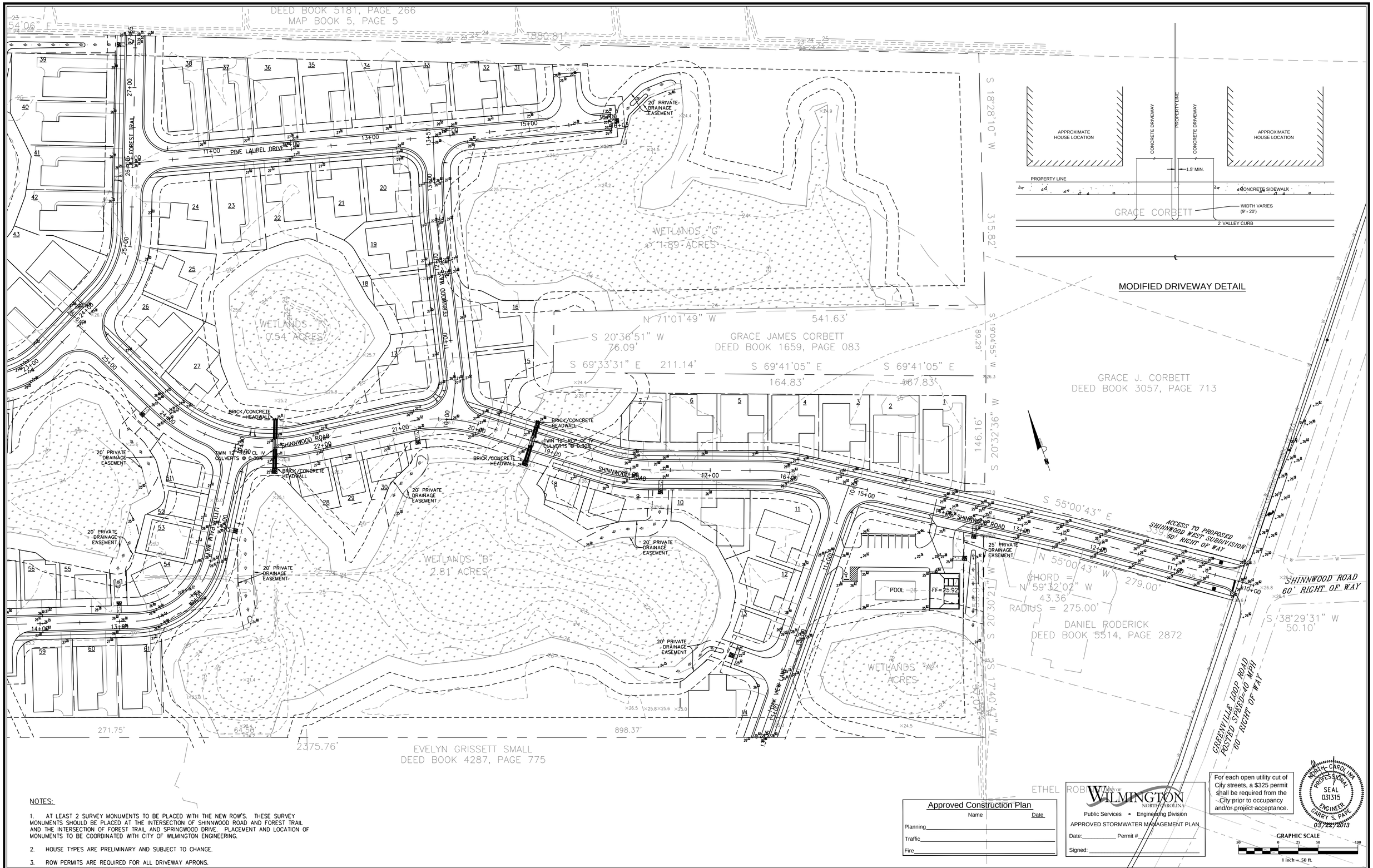
Wilmington New Hanover County North Carolina

GRADING PLAN (SHEET 1 OF 2)

PREPARED FOR:
SHINNWOOD WEST, LLC
6105 OLEANDER DRIVE
SUITE 201
WILMINGTON, NC 28403

GSP CONSULTING, PLLC
ENGINEERING
6626 Gordon Road Unit C Wilmington, North Carolina 28411 tel: 910-442-7870 fax: 910-799-6659

Sheet No. C-7.3



NOTES:

1. AT LEAST 2 SURVEY MONUMENTS TO BE PLACED WITH THE NEW ROW'S. THESE SURVEY MONUMENTS SHOULD BE PLACED AT THE INTERSECTION OF SHINNWOOD ROAD AND FOREST TRAIL AND THE INTERSECTION OF FOREST TRAIL AND SPRINGWOOD DRIVE. PLACEMENT AND LOCATION OF MONUMENTS TO BE COORDINATED WITH CITY OF WILMINGTON ENGINEERING.

2. HOUSE TYPES ARE PRELIMINARY AND SUBJECT TO CHANGE.

3. ROW PERMITS ARE REQUIRED FOR ALL DRIVEWAY APRONS.

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

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

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

NORTH CAROLINA PROFESSIONAL SEAL 031315 ENGINEER CARRY S. PAPE 03/22/2013

GRAPHIC SCALE
50 0 25 50 100
1 inch = 50 ft.

No.	Revision	Date	By

Designer GSP	Scale 1" = 50'
Drawn By GSP	Date March 2013
License # P-0718	Job No. 2012-0008

SHINNWOOD WEST

Wilmington New Hanover County North Carolina

GRADING PLAN (SHEET 2 OF 2)

PREPARED FOR:
SHINNWOOD WEST, LLC
6105 OLEANDER DRIVE
SUITE 201
WILMINGTON, NC 28403

GSP CONSULTING, PLLC
ENGINEERING
6626 Gordon Road Unit C Wilmington, North Carolina 28411 tel: 910-442-7870 fax: 910-799-6659

Sheet No.
C-7.4