PROJECT NO.: PW-1310BC

**TYPICAL PARKING LOT SECTION**

**TYPICAL PARKING PLAN DIMENSIONS**

**PERMEABLE PAVING SECTION**

**DUMPSTER SCREENING DETAIL**
NOTE: CONSTRUCTION AND FINISH SHALL MATCH EXISTING IN PRIOR PHASES

## VICINITY MAP
N.T.S.

SITE

RIVER'S EDGE PHASE 1 MB 38 PG 108

EXISTING DEVELOPMENT

PHASE 1

PHASE 5

PHASE 2A

PHASE 2B

PHASE 4

PHASE 3

ISLAND COMMON AREA

23 ACRES OF CONSERVATION SPACE

ZONED MF-M

N/F MATRIX HOSPITALITY

N/F ECHO GROUP LLC MF-M ZONING

N/F WASTE INDUSTRIES OF CAROLINA

CITY OF WILMINGTON

BARNARD'S CREEK

RIVER ROAD (100' PUBLIC R/W)

### BUILDING DETAILS
DETAIL SCALE 1" = 50'
BUILDINGS HEIGHT NOT TO EXCEED THIRTY FIVE FEET

16 (2) BEDROOM UNITS
FLOOR AREA = 13,402 SF

8 (2) BEDROOM UNITS
FLOOR AREA = 6,957 SF

### 2016 SRB APPROVAL CONDITIONS

1. The use and development of the subject property shall comply with all regulations and requirements imposed by the Land Development Code, the City of Wilmington Technical Standards and Specification Manual and any other applicable federal, state or local law, ordinance or regulation, as well as any condition stated below. In the event of a conflict, the more stringent requirement or higher standard shall apply.
2. Approval of this preliminary plan does not constitute technical approval of a site plan. Final approval by the Technical Review Committee and the issuance of all required permits must occur prior to release of the project for construction.
3. If, for any reason, any condition for approval is found to be illegal or invalid or if the applicant should fail to accept any condition following approval, the approval of the preliminary plan shall be null and void.
4. The use and development of the subject property shall be in accordance with the approved preliminary plan as submitted and approved.
5. A tree preservation plan and tree removal permit shall be required for this project and city staff shall issue those based on acceptable limits of clearing and tree preservation.
6. Trees designated to be preserved shall be properly protected during construction and tree protection fencing shall be noted on the construction plans. Tree clearing will be limited to essential site improvements with the phase limits as shown on the approved site plan.
7. If necessary, resource areas, buffers and setbacks per requirements of the LDC shall be shown and labeled on the Preliminary Plan.
8. All existing and proposed public and non-municipal easements shall be added as necessary to the Preliminary Plan.
9. An acceptable Preliminary Plan which adequately addresses all TRC/SRB comments shall be submitted for signature within thirty (30) calendar days of SRB approval.
10. The use of pine straw as ground cover shall be prohibited within ten (10) feet of any combustible exterior construction.
11. Requirements of the approved Traffic Impact Analysis (TIA) must be completed prior to issuance of a certificate of occupancy.
12. Required improvements associated with River Road shall be reviewed and approved by the Technical Review Committee.
13. All city, state and federal regulations shall be followed.

SIGNED this 24th day of October, 2016.

Ron Satterfield, Chairman
Subdivision Review Board

### LEGEND
- DENOTES PROPOSED CONTOUR
- DENOTES EX. CONTOUR
- DENOTES PROPOSED GRADE
- DENOTES PROPOSED STORM DRAINAGE
- DENOTES DROP INLET OR CATCH BASIN W/ INLET PROTECTION
- DENOTES LIMITS OF DISTURBANCE
- DENOTES SILT FENCE
- DENOTES SEDIMENT TRAP
- DENOTES DRAINAGE DIRECTION
- DENOTES PROPOSED MANHOLE
- DENOTES WETLAND LINES
- DENOTES DRAINAGE AREA
- DENOTES PHASE LINE
- DENOTES SQUARE FOOTAGE OF STREET YARD
- DENOTES PROPOSED FIRE HYDRANT
- DENOTES PROPOSED 8 IN SANITARY SEWER
- DENOTES PROPOSED WATER
- DENOTES PROPOSED GATE VALVE
- DENOTES PARKING LOT LANDSCAPE AREA

### GENERAL NOTES:
1. CONDITIONAL PRELIMINARY PLAN APPROVAL BY CITY OF WILMINGTON SUBDIVISION REVIEW BOARD ON JULY 16, 1998.
2. WATER SERVICE THROUGHOUT PROJECT IS TO BE PUBLIC. SEE SHEET 4 WATERLINE NOTES.
3. ALL UTILITIES SHALL BE UNDERGROUND.
4. SEWER NOT WITHIN PUBLIC RIGHT OF WAYS SHALL BE PRIVATELY PERMITTED, OWNED, AND MAINTAINED.
5. CITY OF WILMINGTON TREE PRESERVATION PREVIOUSLY PERMITTED.

### SITE DATA

**INDEX TO SHEETS**

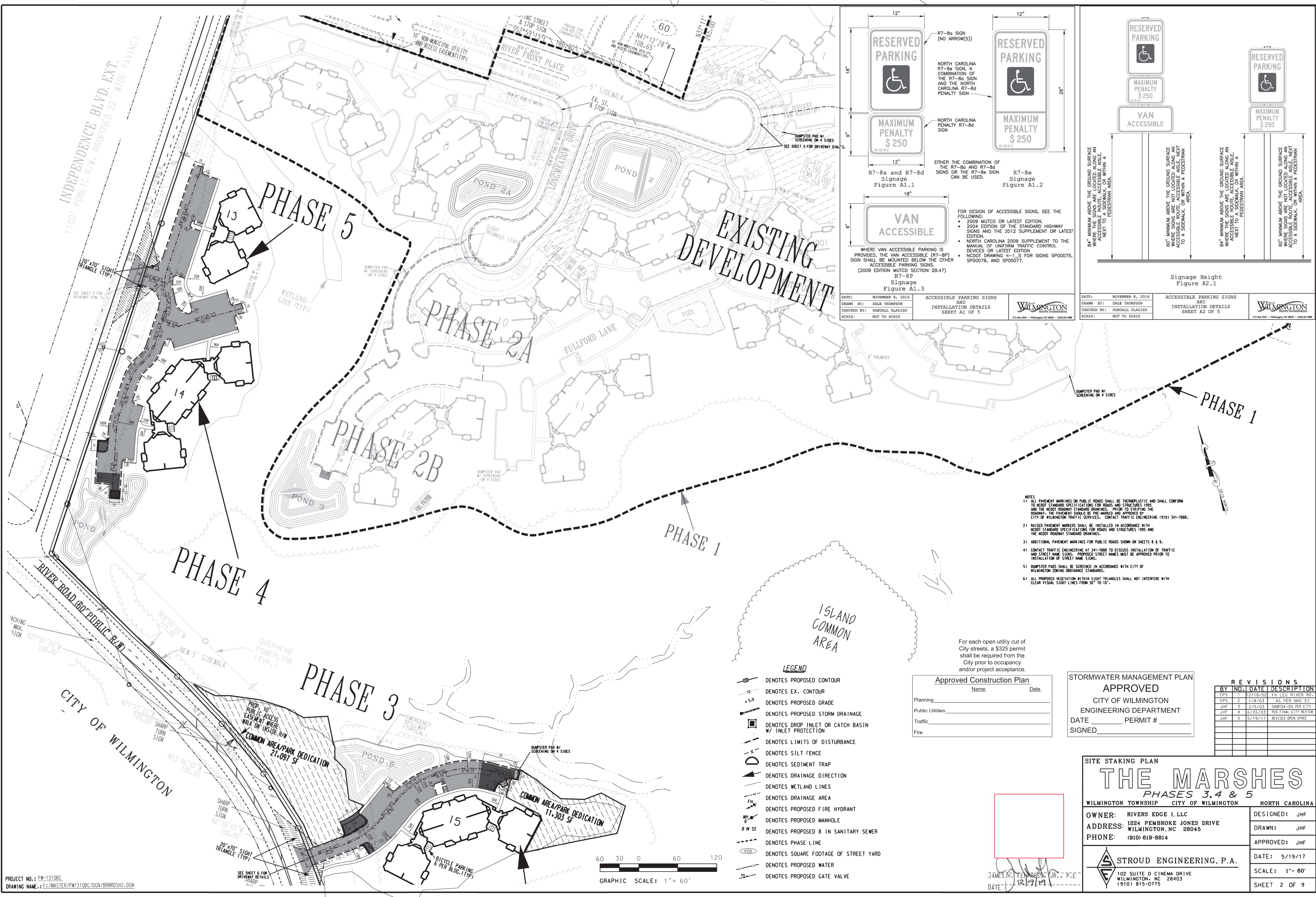| SHEET NO. | DESCRIPTION |
|---|---|
| 1. | PRELIMINARY PLAN |
| 2. | SITE STAKING PLAN |
| 3. | GENERAL GRADING, EROSION CONTROL, AND STORMWATER PLAN |
| 4. | GENERAL UTILITIES PLAN |
| 5. | RIVER ROAD TURN LANE |
| 6. | CITY STANDARD ROADWAY DETAILS |
| 7. | TREE PRESERVATION PLAN |
| 8. | LANDSCAPE PLAN |
| 9. | LANDSCAPE DETAILS |

REVISED PRELIMINARY PLAN

# THE MARSHES
### PHASES 3, 4 & 5
WILMINGTON TOWNSHIP   CITY OF WILMINGTON   NORTH CAROLINA

OWNER: RIVERS EDGE I, LLC
ADDRESS: 1224 PEMBROKE JONES DRIVE, WILMINGTON, NC 28045
PHONE: (910) 619-8814

STROUD ENGINEERING, P.A.
102 SUITE D CINEMA DRIVE
WILMINGTON, NC 28403
(910) 815-0775

DESIGNED: JHF
DRAWN: JHF
APPROVED: JHF
DATE: 8/2/19
SCALE: 1" = 100'
SHEET 1 OF 9

STORMWATER MANAGEMENT PLAN
APPROVED
CITY OF WILMINGTON
ENGINEERING DEPARTMENT
DATE _____ PERMIT # _____
SIGNED _____

Approved Construction Plan
Name / Date
Planning _____
Public Utilities _____
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.

PROJECT NO.: PW-1310BC
DRAWING NAME.: W:/MASTER/PW1310BC/DGN/Revised Preliminary_The Marshes.DGN

GRAPHIC SCALE: 1" = 100'
100  50  0  100  200

JAMES M. FENTRESS JR., P.E.

PROJECT NO.: PW-1310BC

PHASE 5

PHASE 4

PHASE 3

PHASE 2A

PHASE 2B

PHASE 1

EXISTING DEVELOPMENT

INDEPENDENCE BLVD. EXT.
(100' PUBLIC R/W, PROPOSED 22' WIDE PAVING)

RIVER FRONT PLACE
(PUBLIC R/W, WIDTH VARIES)

LONGMEADOW DRIVE

FULLFORD LANE

POND 2

POND 8A

POND 3

POND 6

RIVER ROAD (60' PUBLIC R/W)

CITY OF WILMINGTON

ISLAND COMMON AREA

COMMON AREA/PARK DEDICATION 21,097 SF

COMMON AREA/PARK DEDICATION 11,303 SF

9
8
13
14
10
12
11
6
5
15

20'x70' SIGHT TRIANGLE (TYP.)

DUMSTER PAD W/ SCREENING ON 4 SIDES

WETLAND LINE (TYP.)

## Signage Details

R7-8a SIGN (NO ARROW(S))

NORTH CAROLINA R7-8e SIGN, A COMBINATION OF THE R7-8a SIGN AND THE NORTH CAROLINA R7-8d PENALTY SIGN

NORTH CAROLINA PENALTY R7-8d SIGN

R7-8a and R7-8d Signage
Figure A1.1

EITHER THE COMBINATION OF THE R7-8a AND R7-8d SIGNS OR THE R7-8e SIGN CAN BE USED.

R7-8e Signage
Figure A1.2

WHERE VAN ACCESSIBLE PARKING IS PROVIDED, THE VAN ACCESSIBLE (R7-8P) SIGN SHALL BE MOUNTED BELOW THE OTHER ACCESSIBLE PARKING SIGNS. (2009 EDITION MUTCD SECTION 2B.47)

R7-8P Signage
Figure A1.3

FOR DESIGN OF ACCESSIBLE SIGNS, SEE THE FOLLOWING:
- 2009 MUTCD OR LATEST EDITION.
- 2006 EDITION OF THE STANDARD HIGHWAY SIGNS AND THE 2012 SUPPLEMENT OR LATEST EDITION.
- NORTH CAROLINA 2009 SUPPLEMENT TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR LATEST EDITION
- NCDOT DRAWING H-1.5 FOR SIGNS SP00075, SP00076, AND SP00077.

Signage Height
Figure A2.1

| DATE: | NOVEMBER 8, 2016 | ACCESSIBLE PARKING SIGNS AND INSTALLATION DETAILS SHEET A1 OF 5 | WILMINGTON TRAFFIC ENGINEERING |
| DRAWN BY: | DALE THOMPSON | | P.O. Box 1810 • Wilmington, NC 28403 • (910) 341-7888 |
| CHECKED BY: | RANDALL GLASIER | | |
| SCALE: | NOT TO SCALE | | |

| DATE: | NOVEMBER 8, 2016 | ACCESSIBLE PARKING SIGNS AND INSTALLATION DETAILS SHEET A2 OF 5 | WILMINGTON TRAFFIC ENGINEERING |
| DRAWN BY: | DALE THOMPSON | | P.O. Box 1810 • Wilmington, NC 28403 • (910) 341-7888 |
| CHECKED BY: | RANDALL GLASIER | | |
| SCALE: | NOT TO SCALE | | |

## NOTES

1) ALL PAVEMENT MARKINGS ON PUBLIC ROADS SHALL BE THERMOPLASTIC AND SHALL CONFORM TO NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES 1995 AND THE NCDOT ROADWAY STANDARD DRAWINGS. PRIOR TO STRIPING THE ROADWAY, THE PAVEMENT SHOULD BE PRE-MARKED AND APPROVED BY CITY OF WILMINGTON TRAFFIC SERVICES. CONTACT TRAFFIC ENGINEERING (910) 341-7888.

2) RAISED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES 1995 AND THE NCDOT ROADWAY STANDARD DRAWINGS.

3) ADDITIONAL PAVEMENT MARKINGS FOR PUBLIC ROADS SHOWN ON SHEETS 8 & 9.

4) 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.

5) DUMPSTER PADS SHALL BE SCREENED IN ACCORDANCE WITH CITY OF WILMINGTON ZONING ORDINANCE STANDARDS.

6) ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30" TO 10'.

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

## LEGEND

| Symbol | Description |
|---|---|
| | DENOTES PROPOSED CONTOUR |
| | DENOTES EX. CONTOUR |
| | DENOTES PROPOSED GRADE |
| | DENOTES PROPOSED STORM DRAINAGE |
| | DENOTES DROP INLET OR CATCH BASIN W/ INLET PROTECTION |
| | DENOTES SILT FENCE |
| | DENOTES SEDIMENT TRAP |
| | DENOTES DRAINAGE DIRECTION |
| | DENOTES WETLAND LINES |
| | DENOTES DRAINAGE AREA |
| FH | DENOTES PROPOSED FIRE HYDRANT |
| | DENOTES PROPOSED MANHOLE |
| 8 IN SS | DENOTES PROPOSED 8 IN SANITARY SEWER |
| | DENOTES PHASE LINE |
| | DENOTES SQUARE FOOTAGE OF STREET YARD |
| | DENOTES PROPOSED WATER |
| | DENOTES PROPOSED GATE VALVE |

### Approved Construction Plan

| | Name | Date |
|---|---|---|
| Planning | | |
| Public Utilities | | |
| Traffic | | |
| Fire | | |

### STORMWATER MANAGEMENT PLAN
APPROVED
CITY OF WILMINGTON
ENGINEERING DEPARTMENT
DATE _____ PERMIT # _____
SIGNED _____

### REVISIONS

| BY | NO. | DATE | DESCRIPTION |
|---|---|---|---|
| CPS | 1 | 12/18/02 | FH LEG RIVER RD. |
| CPS | 2 | 1/8/03 | AS PER NHC EC |
| JHF | 3 | 2/5/03 | SHORTEN CDS PER CITY |
| JHF | 4 | 6/26/03 | PER FINAL CITY REVIEW |
| JHF | 5 | 5/19/17 | REVISED OPEN SPACE |

### SITE STAKING PLAN

# THE MARSHES
## PHASES 3, 4 & 5
WILMINGTON TOWNSHIP     CITY OF WILMINGTON     NORTH CAROLINA

OWNER: RIVERS EDGE I, LLC
ADDRESS: 1224 PEMBROKE JONES DRIVE WILMINGTON, NC 28045
PHONE: (910) 619-8814

STROUD ENGINEERING, P.A.
102 SUITE D CINEMA DRIVE
WILMINGTON, NC 28403
(910) 815-0775

| DESIGNED: | JHF |
| DRAWN: | JHF |
| APPROVED: | JHF |
| DATE: | 5/19/17 |
| SCALE: | 1" = 60' |
| SHEET | 2 OF 9 |

JAMES H. TENNESS, JR., P.E.
DATE

GRAPHIC SCALE: 1" = 60'
60  30  0  60  120

PROJECT NO.: PW-1310BC
DRAWING NAME: E:/MASTER/PW1310BC/DGN/BRNRDSH2.DGN
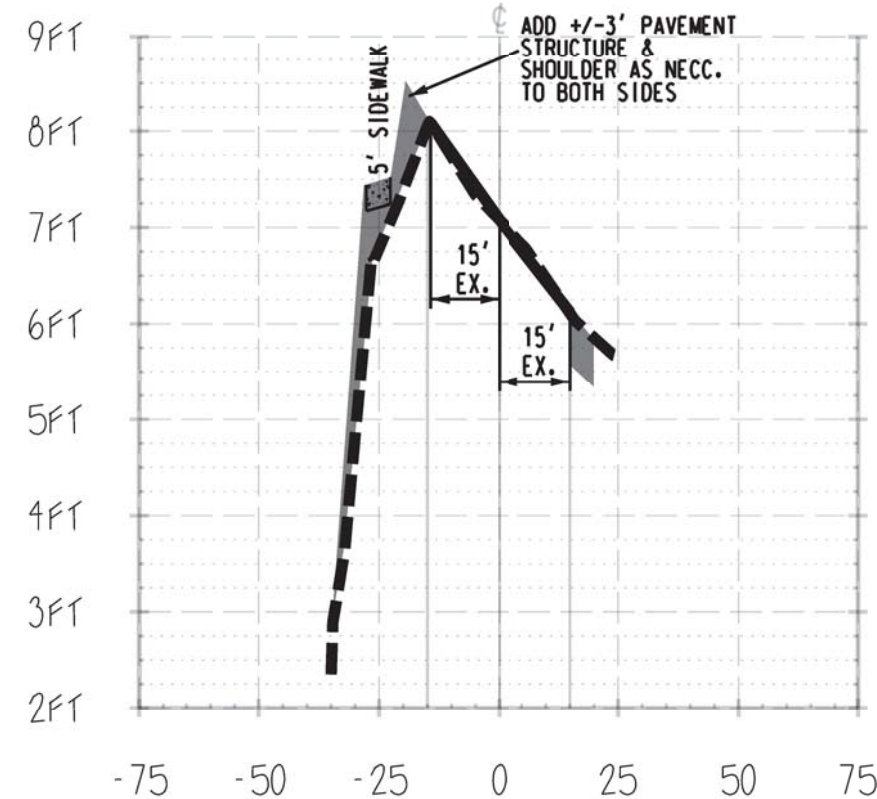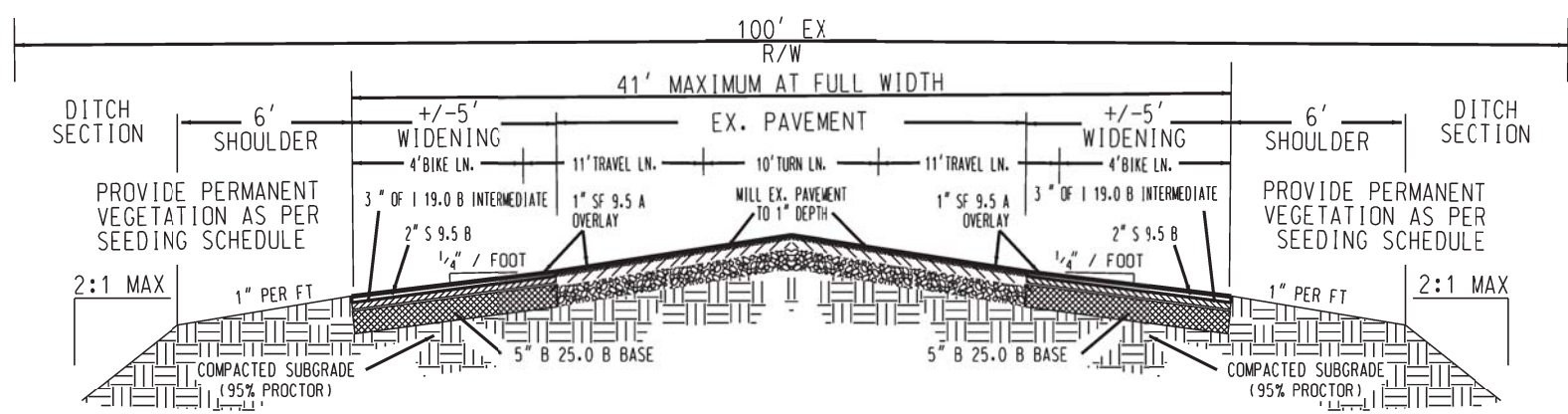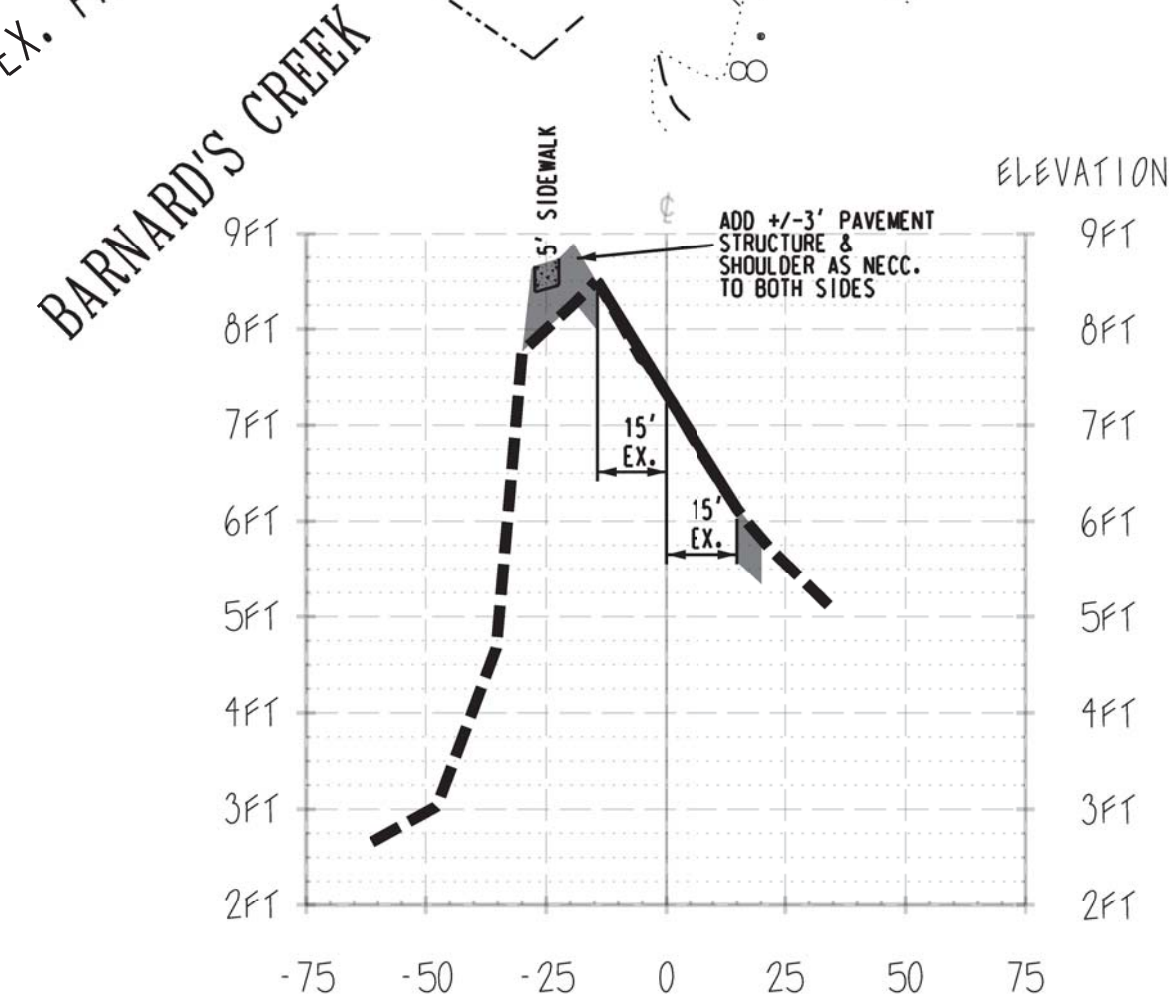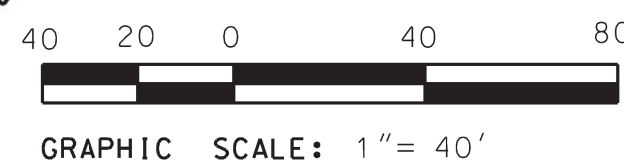
PROJECT NO.: PW-131QBC

## GENERAL NOTES:

1. The proposed left turn lane is required to meet City of Wilmington Technical Standards and MUTCD requirements.
2. The Walk Wilmington plan and Comp Greenway plan call for a future MUP along the River Road frontage of the Marshes. There are no funded plans for the MUP connection from Independence to the Riverlights MUP. The City would prefer construction of this required sidewalk from Independence to the Phase 3 entrance to provide a more immediate connection between Phase 3 portion of the project and the neighborhood amenities and park project within Echo Farms.
3. City staff is willing to submit a payment in lieu for the portion of the sidewalk between the Ph 3 entrance and the bridge. The developer desires to submit such a payment-in-lieu (PIL).

GRID NORTH
NAD 83

PHASE 4

PHASE 3

A PAYMENT IN LIEU OF CONSTRUCTION FOR THE ORIGINALLY APPROVED 5' SIDEWALK ON INDEPENDENCE IS IN PLACE

PROVIDE 5' SIDEWALK ON RIVER ROAD TO PHASE 3 DRIVEWAY

PROVIDE 85LF OF VERTICAL CURB ON RIVER ROAD FOR GRADE SEPERATION
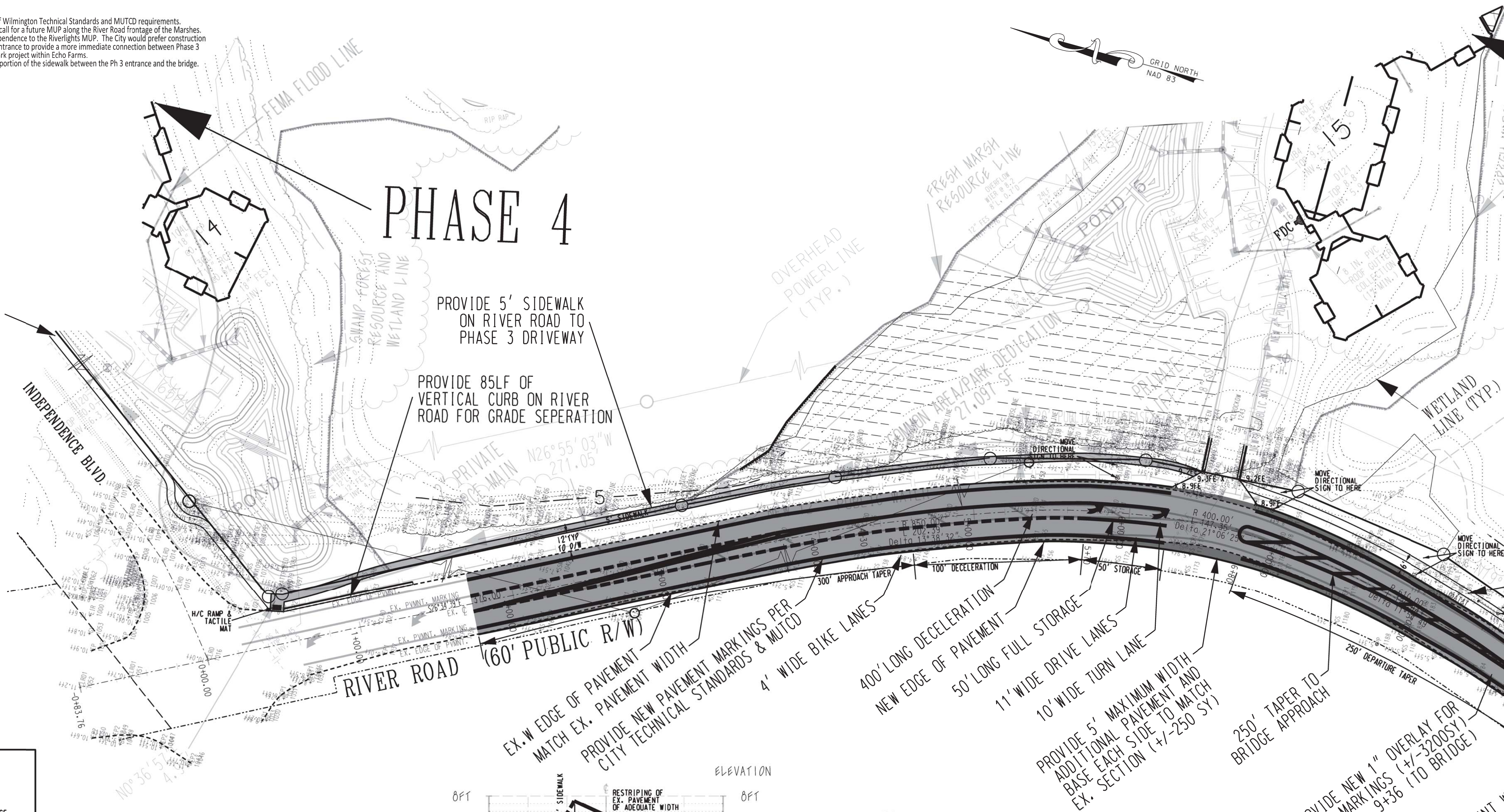
PROVIDE PAYMENT IN LIEU FOR SIDEWALK ON RIVER ROAD FROM PHASE 3 DRIVEWAY TO BRIDGE

INDEPENDENCE BLVD

RIVER ROAD (60' PUBLIC R/W)

EX. W EDGE OF PAVEMENT

PROVIDE NEW PAVEMENT MARKINGS PER CITY TECHNICAL STANDARDS & MUTCD

MATCH EX. PAVEMENT WIDTH

4' WIDE BIKE LANES

400' LONG DECELERATION

NEW EDGE OF PAVEMENT

50' LONG FULL STORAGE

11' WIDE DRIVE LANES

10' WIDE TURN LANE

PROVIDE 5' MAXIMUM WIDTH ADDITIONAL PAVEMENT AND BASE EACH SIDE TO MATCH EX. SECTION (+/-250 SY)

250' TAPER TO BRIDGE APPROACH

PROVIDE NEW 1" OVERLAY FOR NEW MARKINGS (+/-3200SY) 1+70 - 9+36 (TO BRIDGE)

MATCH EX. PAVEMENT WIDTH

LEVEL DIP IN EX. PAVEMENT

BRIDGE

BARNARDS CREEK

### LEGEND
- DENOTES PROPOSED CONTOUR
- DENOTES EX. CONTOUR
- DENOTES PROPOSED GRADE
- DENOTES PROPOSED STORM DRAINAGE
- DENOTES DROP INLET OR CATCH BASIN W/ INLET PROTECTION
- DENOTES LIMITS OF DISTURBANCE
- DENOTES SILT FENCE
- DENOTES SEDIMENT TRAP
- DENOTES DRAINAGE DIRECTION
- DENOTES WETLAND LINES
- DENOTES DRAINAGE AREA
- DENOTES PROPOSED FIRE HYDRANT
- DENOTES PROPOSED MANHOLE
- DENOTES PROPOSED 8 IN SANITARY SEWER
- DENOTES PHASE LINE
- DENOTES SQUARE FOOTAGE OF STREET YARD
- DENOTES PROPOSED WATER
- DENOTES PROPOSED GATE VALVE
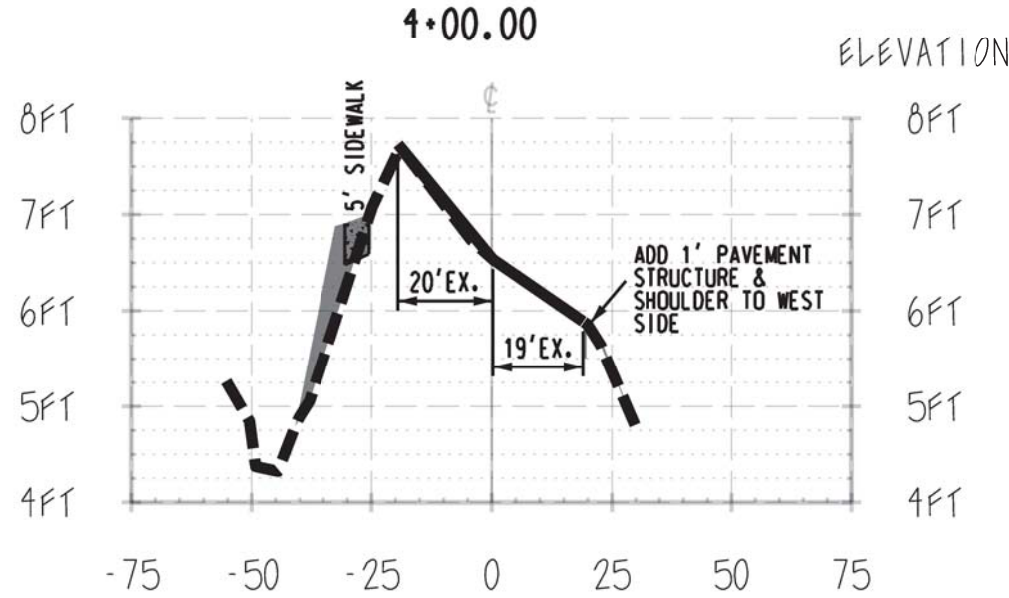- DENOTES PARKING LOT LANDSCAPE AREA

ELEVATION charts:
- 2+00.00
- 3+00.00 — RESTRIPING OF EX. PAVEMENT OF ADEQUATE WIDTH
- 4+00.00 — RESTRIPING OF EX. PAVEMENT OF ADEQUATE WIDTH
- 5+00.00 — ADD 1' PAVEMENT STRUCTURE AND SHOULDER TO WEST SIDE
- 6+00.00 — ADD +/-2' PAVEMENT STRUCTURE & SHOULDER AS NECC. TO BOTH SIDES
- 7+00.00 — ADD +/-2' PAVEMENT STRUCTURE & SHOULDER AS NECC. TO BOTH SIDES
- 8+00.00 — ADD +/-3' PAVEMENT STRUCTURE & SHOULDER AS NECC. TO BOTH SIDES
- 9+00.00 — ADD +/-3' PAVEMENT STRUCTURE & SHOULDER AS NECC. TO BOTH SIDES
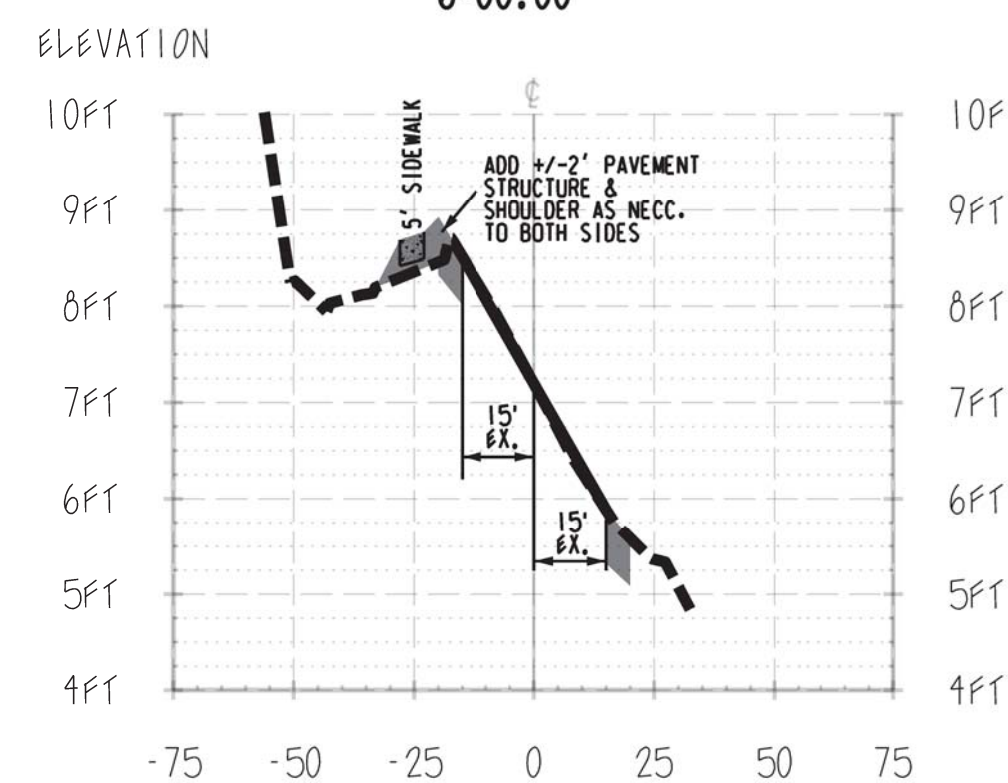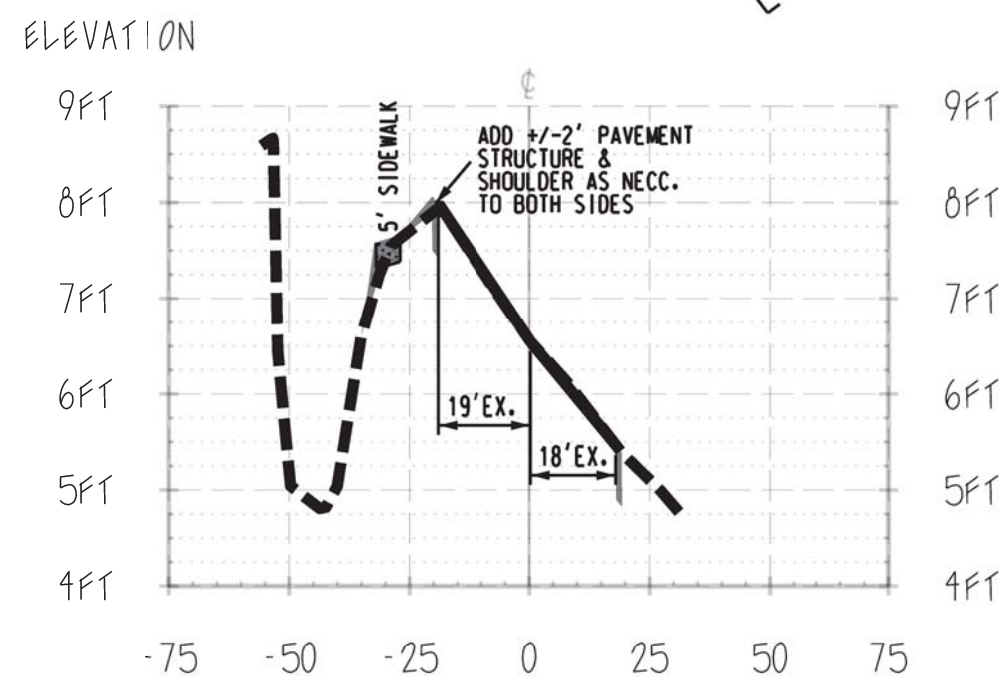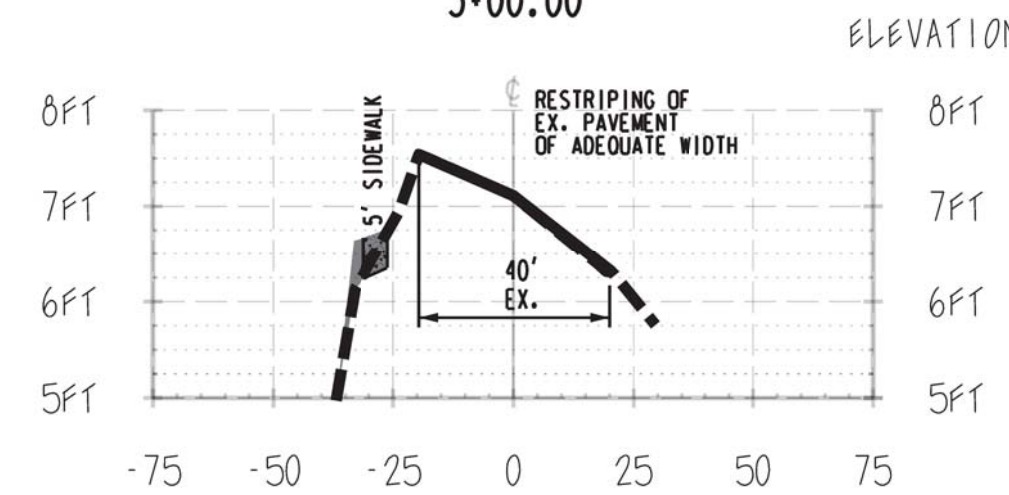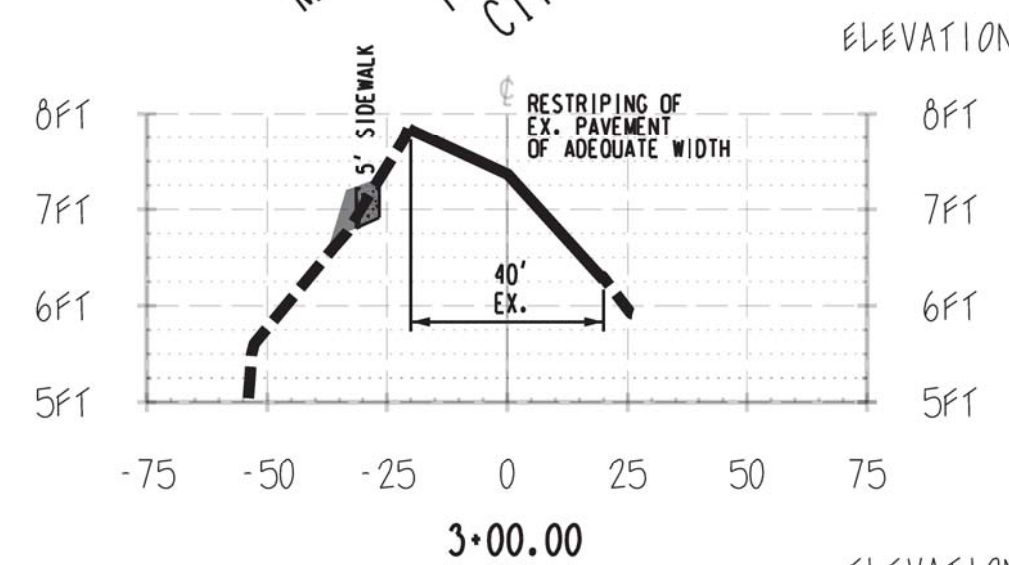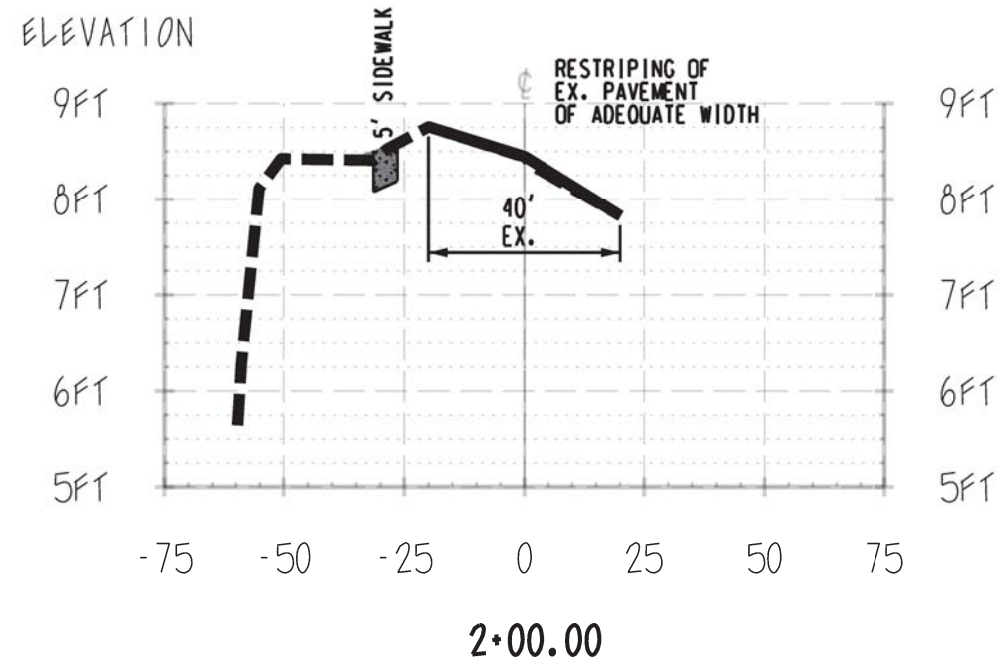
### WIDENING & TURN LANE SECTION

100' EX. R/W
41' MAXIMUM AT FULL WIDTH

DITCH SECTION | 6' SHOULDER | +/-5' WIDENING | EX. PAVEMENT | +/-5' WIDENING | 6' SHOULDER | DITCH SECTION

PROVIDE PERMANENT VEGETATION AS PER SEEDING SCHEDULE

REPLACE EXISTING BIKE LANE

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

### Approved Construction Plan
| | Name | Date |
|---|---|---|
| Planning | | |
| Public Utilities | | |
| Traffic | | |
| Fire | | |

### STORMWATER MANAGEMENT PLAN
**APPROVED**
CITY OF WILMINGTON ENGINEERING DEPARTMENT
DATE _____ PERMIT # _____
SIGNED _____

PROPOSED RIVER ROAD TURN LANE CONCEPT

# THE MARSHES
## PHASE 3

WILMINGTON TOWNSHIP | CITY OF WILMINGTON | NORTH CAROLINA

| OWNER: | RIVERS EDGE I, LLC | DESIGNED: | JHF |
|---|---|---|---|
| ADDRESS: | 1224 PEMBROKE JONES DRIVE WILMINGTON, NC 28045 | DRAWN: | JHF |
| PHONE: | (910) 619-8814 | APPROVED: | JHF |

STROUD ENGINEERING, P.A.
102 SUITE D CINEMA DRIVE
WILMINGTON, NC 28403
(910) 815-0775

| DATE: | 6/05/19 |
|---|---|
| SCALE: | 1"=40' |
| SHEET | 5 OF 9 |

JAMES H. FENNESS, JR. P.E.
DATE

GRAPHIC SCALE: 1"=40'

PROJECT NO.: PW-131QBC
DRAWING NAME: W:/MASTER/PW131QBC/DGN/MARSHES BLDG 15 TURN LANE.DGN

EXISTING DEVELOPMENT

STREETYARD BUFFER PLANTING
SEE DETAIL #1
PUBLIC UTILITY EASEMENT NEEDS
TO BE CONVERTED WITH IN PLACE TREES

20'x70' SIGHT
TRIANGLE (TYP.)

NEW 5' SIDEWALK

SIGHT
TRIANGLE (TYP)

6' TALL, 200 LONG
RETAINING WALL

RETAINING WALL
5' TALL, 80 TOTAL

WETLAND
LINE (TYP.)

RETAINING WALL
5' TALL, 50 LONG

SWAMP FOREST
RESOURCE LINE

13

14

12

10

SWAMP FOREST
RESOURCE AND
WETLAND LINE

SWAMP FOREST
RESOURCE AND
WETLAND LINE

WETLAND
LINE (TYP.)

SWAMP FOREST
RESOURCE LINE

RIVER ROAD
(60' PUBLIC R/W)

OVERHEAD
POWERLINE
(TYP.)

NEW 5' SIDEWALK

GEOTEXTILE
REINFORCED
SLOPE

PROP. 10'
PUBLIC ACCESS
EASEMENT WHEN
WALK IS OUTSIDE
BEHIND R/W

RETAINING WALL
6' TALL, 140 LONG

RETAINING WALL
6' TALL, 140 LONG

15

20'x70' SIGHT
TRIANGLE (TYP.)

TREES REQUIRED:
22 ACRES X 15 TREES/ACRE = 330 TREES 2"

TREES PROVIDED:
STREETYARD / STREET TREES -
2765 L.F. X 18 = 49770 S.F / 300 = 166 RIVER BIRCH

PARKING ISLANDS -
82 CRAPE MYRTLE
83 RED MAPLE / NUTTALL OAK

RETENTION PONDS -
13 WEEPING WILLOWS
344 TREES 2" OR EQUIVALENT

SPECIAL STORMWATER NOTES:
1.  ALL RUNOFF FROM IMPERVIOUS SURFACES SHALL BE DIRECTED TO STORMWATER COLLECTION SYSTEM.
2.  WHERE NECESSARY ROOF DRAINAGE SHALL BE COLLECTED BY GUTTER AND PLUMBED TO 8 IN. COLLECTION
SYSTEM LOCATED AS INDICATED ABOVE.
3.  PONDS SHALL BE CONSTRUCTED AND VEGETATED PRIOR TO CONSTRUCTION OF ANY IMPERVIOUS SURFACES.

NOTE :
EXISTING TREES AND VEGETATION HAVE
NOT BEEN TAKEN INTO ACCOUNT IN ANY
TREE / PLANT CALCULATIONS.

ALL PROPOSED VEGETATION WITHIN SIGHT
TRIANGLES SHALL NOT INTERFERE WITH CLEAR
VISUAL SIGHT LINES FROM 30"-10'.

PLANT KEY :

⊙ SWEET BAY MAGNOLIA 6-7' IN RETENTION AREAS

⊙ CRAPE MYRTLE 6-8' IN PARKING ISLANDS

⊙ RIVER BIRCH 10-12' MULTI STEM IN STREETYARD

⬡ WEEPING WILLOW 2-2.5' IN RETENTION AREAS

⬡ RED MAPLE 2-2.5' IN PARKING ISLANDS
   NUTTALL OAK 2-2.5' IN PARKING ISLANDS

LEGEND

— DENOTES PROPOSED CONTOUR
--12-- DENOTES EX. CONTOUR
×5.0 DENOTES PROPOSED GRADE
DENOTES PROPOSED STORM DRAINAGE
▣ DENOTES DROP INLET OR CATCH BASIN W/ INLET PROTECTION
DENOTES LIMITS OF DISTURBANCE
DENOTES SILT FENCE
DENOTES SEDIMENT TRAP
▶ DENOTES DRAINAGE DIRECTION
DENOTES WETLAND LINES
DENOTES DRAINAGE AREA
FH DENOTES PROPOSED FIRE HYDRANT
DENOTES PROPOSED MANHOLE
8 IN SS DENOTES PROPOSED 8 IN SANITARY SEWER
DENOTES PHASE LINE
4750 DENOTES SQUARE FOOTAGE OF STREET YARD
DENOTES PROPOSED WATER
DENOTES PROPOSED GATE VALVE
-·-·- DENOTES PROPOSED RETAINING WALL

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

Approved Construction Plan
Name        Date

Planning_____
Public Utilities_____
Traffic_____
Fire_____

STORMWATER MANAGEMENT PLAN
APPROVED
CITY OF WILMINGTON
ENGINEERING DEPARTMENT
DATE_____ PERMIT # _____
SIGNED_____

60  30  0      60      120

GRAPHIC  SCALE: 1"= 60'

JAMES H. FENTRESS, JR., P.E.
DATE              12/4/2017

REVISIONS
BY | NO.| DATE | DESCRIPTION

LANDSCAPE PLAN

THE MARSHES
PHASES 3,4 & 5
WILMINGTON TOWNSHIP   CITY OF WILMINGTON       NORTH CAROLINA

OWNER:    RIVERS EDGE I, LLC
ADDRESS:  1224 PEMBROKE JONES DRIVE
          WILMINGTON, NC 28045
PHONE:    (910) 619-8814

STROUD ENGINEERING, P.A.
102 SUITE D CINEMA DRIVE
WILMINGTON, NC 28403
(910) 815-0775

DESIGNED:
DRAWN: JHF
APPROVED: JHF
DATE: 6/15/2017
SCALE: 1"- 60'
SHEET 8 OF 9