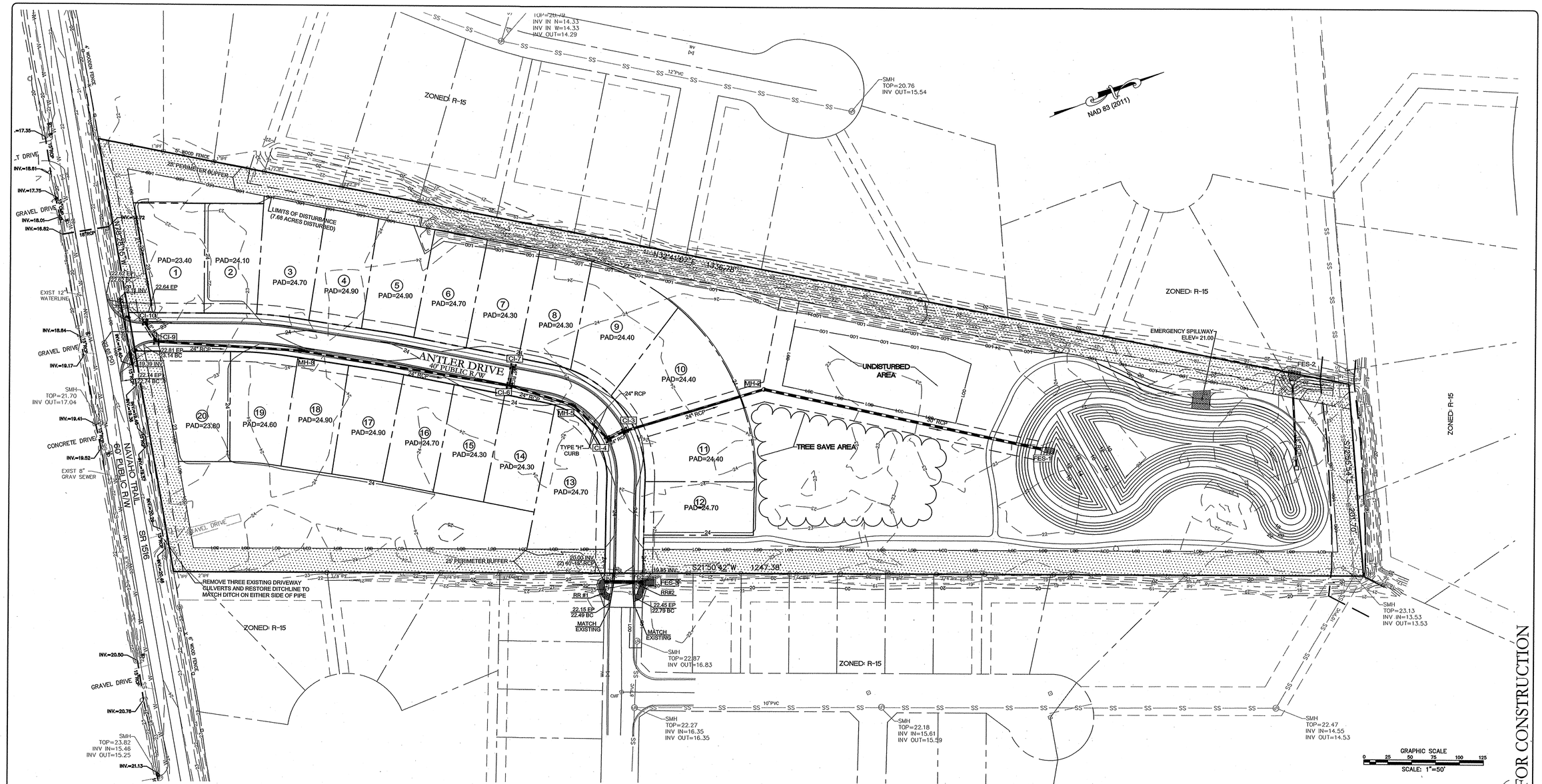

CONSERVATION RESOURCE NOTES

1. WSRP AREA= 2.5 D.U. / AC; THIS PROJECT PROPOSES 2.11 D.U./AC
2. MAX. ALLOWABLE IMPERVIOUS AREA= 25%; THIS PROJECT PROPOSES 22%.
3. CONSERVATION AREA PER C.O.W. CLUSTER SUBDIVISION REGULATIONS ARE PROPOSED THROUGHOUT THE SITE, WITH CONCENTRATION IN REAR OF SITE AND AROUND STORMWATER POND LOCATION, PROTECTING REGULATED OFFSITE DITCH (BANK NOT TO BE DISTURBED BY THIS PROJECT).
4. STORMWATER DESIGN WAS COORDINATED WITH C.O.W. STAFF TO ADDRESS LDC 18-544(g) AND PERMITS REQUIRE REGULAR MAINTENANCE ITEMS BE PERFORMED.

LEGEND

EXISTING

- = SIGN
- = WATER VALVE
- = CLEAN OUT
- = TELEPHONE RISER
- IPF = IRON PIPE FOUND
- CMF = CONCRETE MONUMENT FOUND
- IRF = IRON ROD FOUND
- = EXISTING WETLANDS

PROPOSED

- = PROPOSED FIRE HYDRANT
- = PROPOSED WATER VALVE
- W = PROPOSED WATER LINE
- = PROPOSED STORM SEWER
- = PROPOSED DRAINAGE INLET
- = PROPOSED SANITARY SEWER MANHOLE
- SS = PROPOSED SANITARY SEWER
- = PROPOSED OPEN SPACE

Line	From	To	LineLength	Material	PipeSize	PipeSlope	Inv ElevDn	Inv ElevUp	Grnd/RimDn	Grnd/RimUp
			(ft)		(in)	(%)	(ft)	(ft)	(ft)	(ft)
1	MH-2	FES-1	303	RCP CL.III	30	0.23	15.50	16.20	16.00	23.80
2	CI-3	MH-2	152	RCP CL.III	24	0.53	16.70	17.50	23.80	23.32
3	CI-4	CI-3	20	RCP CL.III	24	0.25	17.50	17.55	23.32	23.32
4	MH-5	CI-4	51	RCP CL.III	24	0.30	17.55	17.70	23.32	23.90
5	CI-6	MH-5	70	RCP CL.III	24	0.26	17.70	17.88	23.90	23.22
6	MH-8	CI-6	223	RCP CL.III	24	0.25	17.88	18.44	23.22	24.14
7	CI-9	MH-8	150	RCP CL.III	24	0.20	18.44	18.74	24.14	22.80
8	CI-10	CI-9	22	RCP CL.III	15	4.55	19.50	20.50	22.80	22.63
9	CI-7	CI-6	19	RCP CL.III	15	5.26	19.50	20.50	23.22	23.22

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		2-17-15
Traffic		2-17-15
Fire		2-18-15

CITY OF WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: 2/17/15 Permit #: 2015003
Signed:

NCDENR PWSS WATER PERMIT #:
WATER CAPACITY: GPD
DWQ SEWER PERMIT #:
SEWER CAPACITY: GPD
SEWER SHED # AND PLANT:
SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:
PER CFPUA COMMENTS 1/17/14

CLIENT INFORMATION:
LOT 2 DEVELOPMENT
1015 ASHES DR., SUITE 202
WILMINGTON, NC 28405

PARAMOUNTE ENGINEERING, INC.
5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)

GRADING AND DRAINAGE PLAN
MELTON OAKS SUBDIVISION
WILMINGTON
NORTH CAROLINA

PROJECT STATUS
CONCEPTUAL LAYOUT:
PRELIMINARY LAYOUT:
FINAL DESIGN:
RELEASED FOR CONST:

DRAWING INFORMATION
DATE: 10/31/14
SCALE: 1"=50'
DESIGNED: DBB
DRAWN: DHW
CHECKED:

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 16729 DAVID B. BOWMAN 2/13/15

C-3.2

PEI JOB#: 14186.PE