SIGNIFICANT TREE MITIGATION CHART

TREE TYPE	TREE SIZE	# OF TREES	% MITIGATION	REPLACEMENT TREES REQUIRED
LOBLOLLY PINE	24 IN.	1	50	24×(2×0.50)/3=8
LOBLOLLY PINE	27 IN.	1	50	27×(2×0.50)/3=9

STORMWATER FACILITY LANDSCAPING CALCULATION

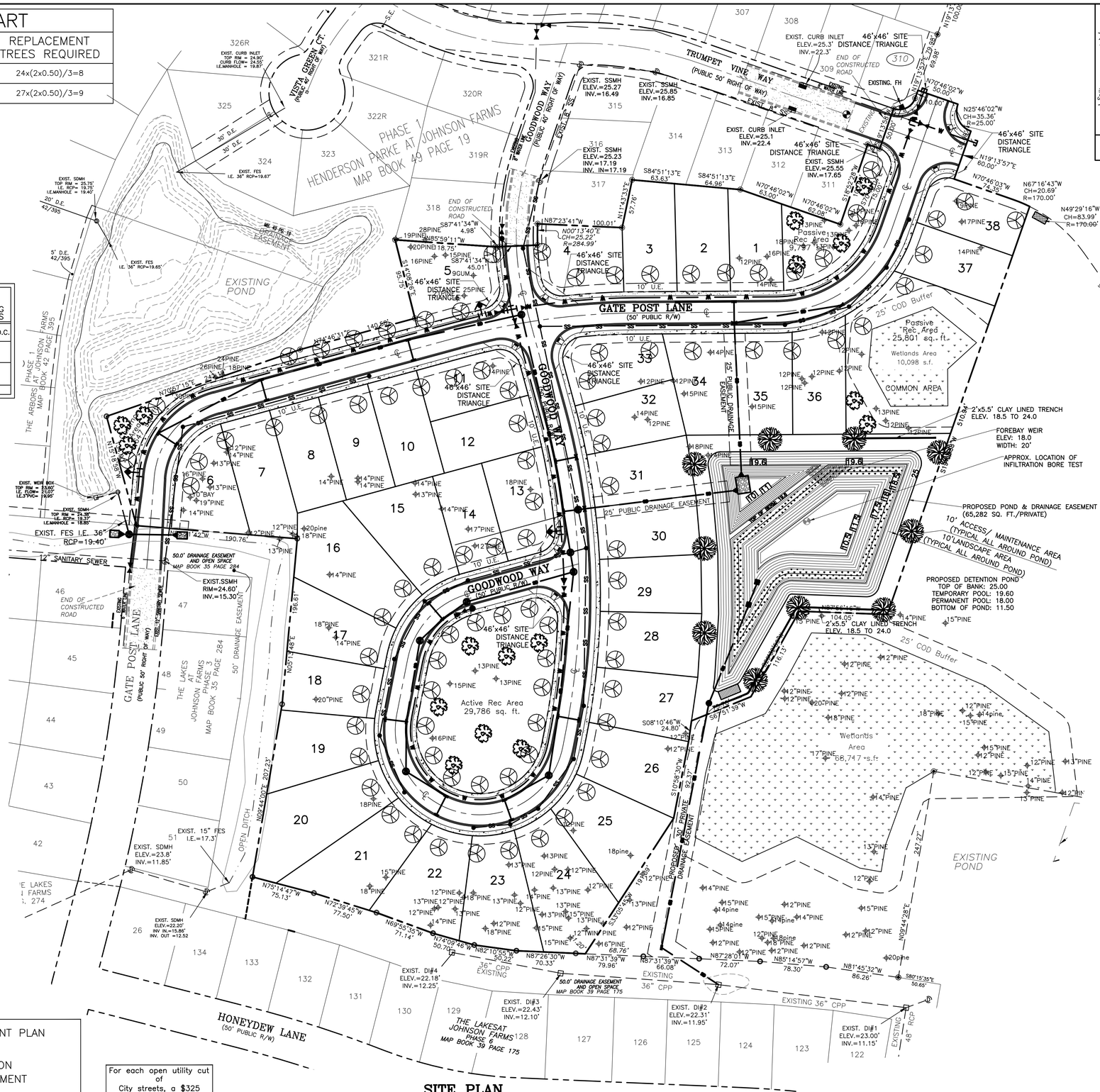
TOP OF BANK LINEAR FOOTAGE	VEGETATION CLUSTERS REQUIRED	VEGETATION CLUSTERS PROVIDED	TYPE OF CLUSTER PROVIDED
955	955 / 100 = 9.55	10	CANOPY TREE

PLANT LIST

O.C. – "ON CENTER"

SYM.	NO.	TYPE	COMMON NAME	SCIENTIFIC NAME	MIN. SIZE	PLANTING REMARKS
LI	91	TREE	SHUMARD OAK GREEN ASH	QUERCUS SHUMARDI FRAXINUS PENNSYLVANICA	2"	35'–45' O.C.
QL	17	TREE	DARLINGTON OAK	QUERCUS LAURIFOLIA	2"–2.5" CALIPER	––
QV	10	TREE	LIVE OAK	QUERCUS VIRGINIANA	2"–2.5" CALIPER	––

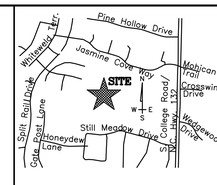
NOTE:
1) ALL PROPOSED VEGETATION WITHIN THE SITE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30"–10'.



SITE PLAN

BAR SCALE 1"=60'

60' 30' 0' 60' 120' 180'



LOCATION MAP
NOT TO SCALE

REVISIONS		
No./ Date	Description	By

LANDSCAPE PLAN

FORTUNE PLACE

NEW HANOVER COUNTY, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631
N.C. LICENSE No. C-1427

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PRELIMINARY NOT FOR CONSTRUCTION
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL PHILLIP G. TRIPP

DATE 07–29–14
DESIGN PGT
DRAWN EJW

C5

SHEET 5 OF 9

13013

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

STORMWATER MANAGEMENT PLAN
APPROVED
CITY OF WILMINGTON
ENGINEERING DEPARTMENT
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.