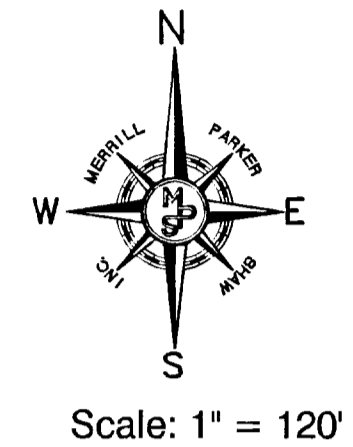
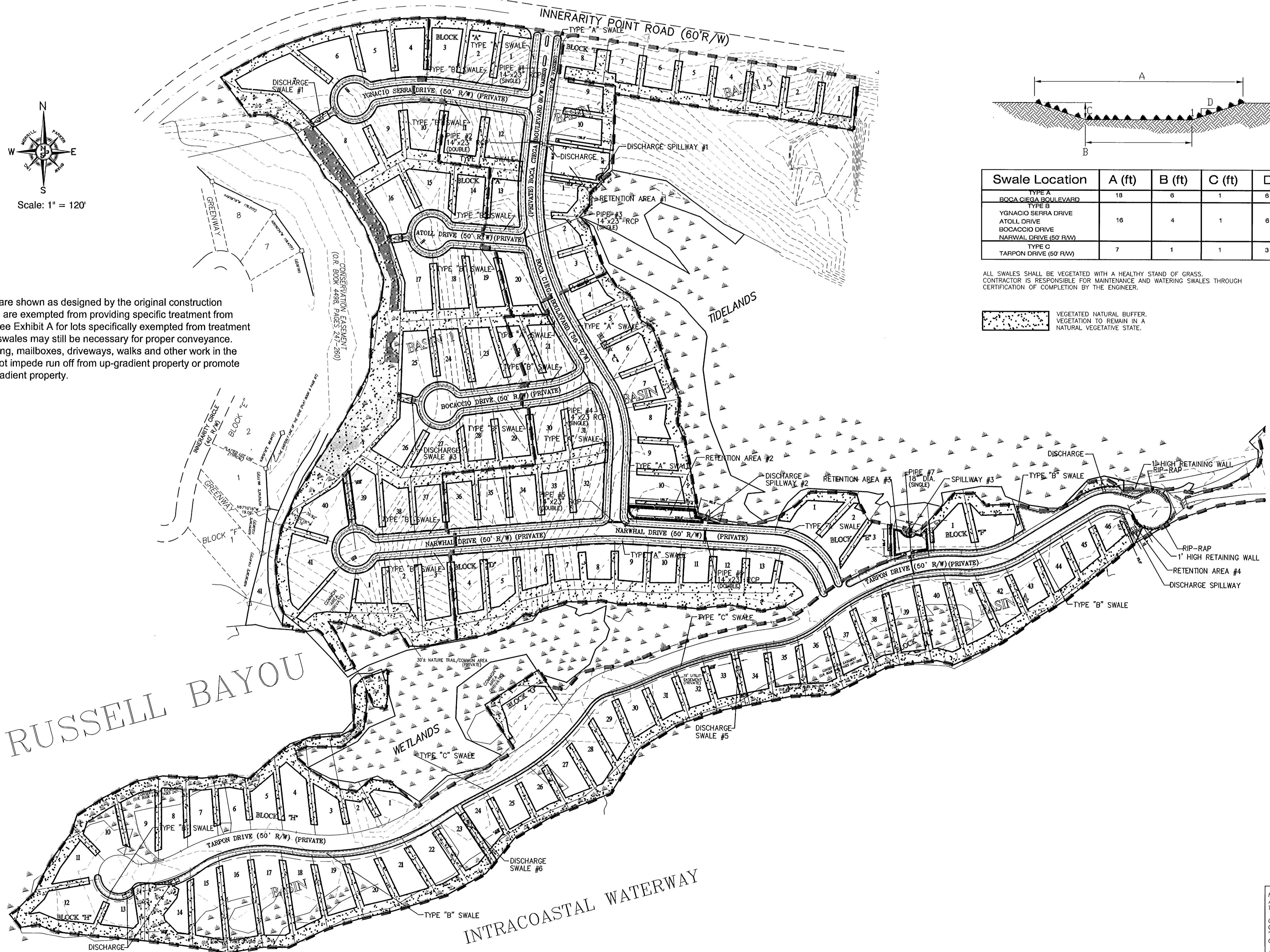
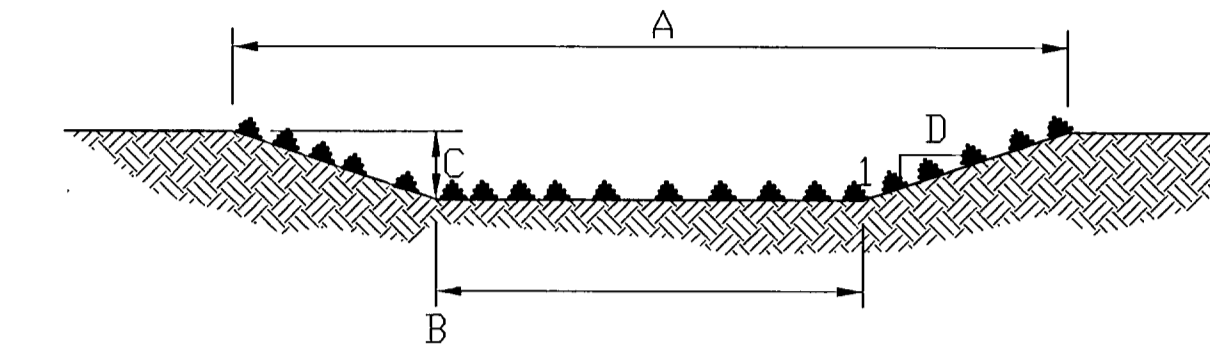


EXHIBIT E

SWALE LAYOUT, VEGETATED NATURAL BUFFER LOCATIONS, POND LAYOUT AND PIPE LOCATIONS



Treatment swales are shown as designed by the original construction permit. Certain lots are exempted from providing specific treatment from roadway swales. See Exhibit A for lots specifically exempted from treatment criteria. However, swales may still be necessary for proper conveyance. Grading, landscaping, mailboxes, driveways, walks and other work in the right of way shall not impede run off from up-gradient property or promote erosion to down-gradient property.



Swale Location	A (ft)	B (ft)	C (ft)	D
TYPE A BOCACCIO BOULEVARD	18	6	1	6
TYPE B YGNACIO SERRA DRIVE ATOLL DRIVE BOCACCIO DRIVE NARWAL DRIVE (50' RW)	16	4	1	6
TYPE C TARPON DRIVE (50' RW)	7	1	1	3

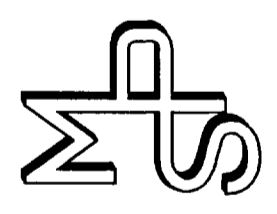
ALL SWALES SHALL BE VEGETATED WITH A HEALTHY STAND OF GRASS. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND WATERING SWALES THROUGH CERTIFICATION OF COMPLETION BY THE ENGINEER.



This drawing is property of Merrill Parker Shaw, Inc. and shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Merrill Parker Shaw, Inc. This document may not be used on any other project and it is to be returned upon request.

NO.		DATE		APPR.		REVISIONS	

MERRILL PARKER SHAW, INC.
 PROFESSIONAL CIVIL ENGINEERING AND SURVEYING
 6928 N. Davis Highway
 Pensacola, Florida 32508
 ENGINEER OF RECORD
 WILLIAM LEE MERRILL PE# 55876
 CA-2956-E
 CHECKED: WLM ORIGINAL DATE: 8/17/08
 DESIGNED: MET DRAWN: MET
NOT RELEASED FOR CONSTRUCTION



STORMWATER SYSTEM
FOR
RUSSELL BAYOU

NO CONSTRUCTION SHALL COMMENCE UNTIL ALL APPROPRIATE PERMITS HAVE BEEN ISSUED AND GIVEN TO THE CONTRACTOR.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING CONSTRUCTION PLANS AND SPECIFICATIONS MARKED "RELEASED FOR CONSTRUCTION" PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

CONTRACTOR TO REFER TO ENGINEERING SPECIFICATIONS FOR FURTHER EXPLANATIONS OF WORKMANSHIP OF ALL SITE WORK ITEMS.

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF ESCAMBIA COUNTY AND EMERALD COAST UTILITIES AUTHORITY (ECUA) STANDARD SPECIFICATIONS.

PROJECT NO.	NO. 1
03-1032-E	OF 1

M:\Projects\1032-Russell Bayou\general\permit\EXHIBIT E.dwg, 8/28/2007 11:20:50 AM