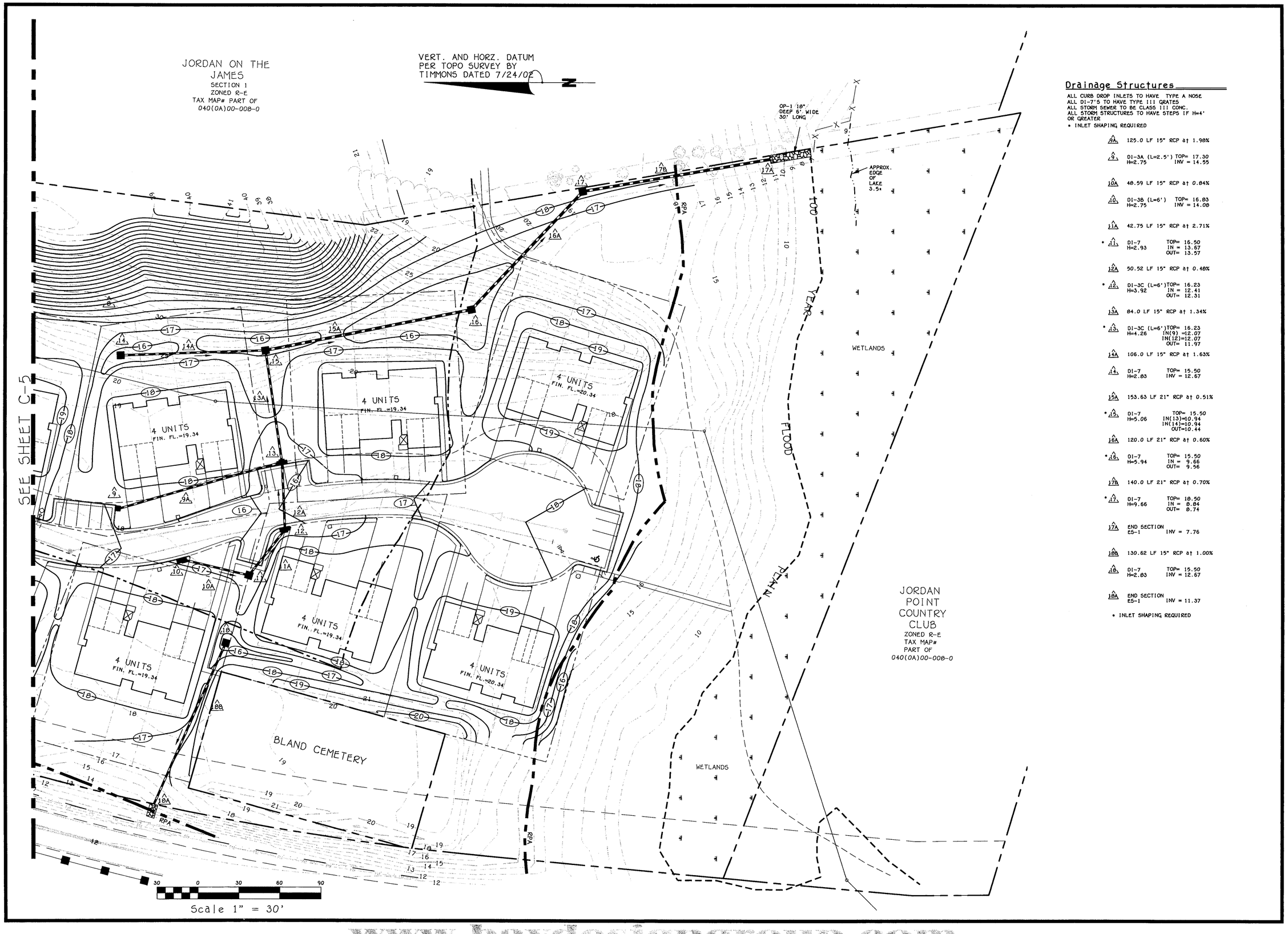

Drainage Structures

ALL CURB DROP INLETS TO HAVE TYPE A NOSE
ALL DI-7'S TO HAVE TYPE III GRATES
ALL STORM SEWER TO BE CLASS III CONC.
ALL STORM STRUCTURES TO HAVE STEPS IF H=4' OR GREATER
* INLET SHAPING REQUIRED

9A	125.0 LF 15" RCP @ 1.98%	
9	DI-3A (L=2.5') H=2.75	TOP= 17.30 INV = 14.55
10A	40.59 LF 15" RCP @ 0.84%	
10	DI-3B (L=6') H=2.75	TOP= 16.83 INV = 14.08
11A	42.75 LF 15" RCP @ 2.71%	
* 11	DI-7 H=2.93	TOP= 16.50 IN = 13.67 OUT= 13.57
12A	50.52 LF 15" RCP @ 0.40%	
* 12	DI-3C (L=6') H=3.92	TOP= 16.23 IN = 12.41 OUT= 12.31
13A	84.0 LF 15" RCP @ 1.34%	
* 13	DI-3C (L=6') H=4.26	TOP= 16.23 IN(9) =12.07 IN(12)=12.07 OUT= 11.97
14A	106.0 LF 15" RCP @ 1.63%	
14	DI-7 H=2.83	TOP= 15.50 INV = 12.67
15A	153.63 LF 21" RCP @ 0.51%	
* 15	DI-7 H=5.06	TOP= 15.50 IN(13)=10.94 IN(14)=10.94 OUT=10.44
16A	120.0 LF 21" RCP @ 0.60%	
* 16	DI-7 H=5.94	TOP= 15.50 IN = 9.66 OUT= 9.56
17B	140.0 LF 21" RCP @ 0.70%	
* 17	DI-7 H=9.66	TOP= 18.50 IN = 8.84 OUT= 8.74
17A	END SECTION ES-1	INV = 7.76
18B	130.62 LF 15" RCP @ 1.00%	
18	DI-7 H=2.83	TOP= 15.50 INV = 12.67
18A	END SECTION ES-1	INV = 11.37

* INLET SHAPING REQUIRED

JOB NO. 04287-06

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FILED: 04287GR
DESIGNED: GLW
CHECKED: KLB
DATE: OCT. 10, 2005
REVISED: MAR. 15, 2006 PER COUNTY COMMENTS
REVISED: MAY 3, 2006 PER COUNTY COMMENTS
REVISED: JUNE 6, 2006 PER COUNTY COMMENTS

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COMMONWEALTH OF VIRGINIA
KENNETH L. BARNES
No. 23867
PROFESSIONAL ENGINEER

PROJECT:
Waterside at Jordan Point
Condominiums

Bland District
Prince George County, Virginia

SHEET:
Grading & Drainage Plan

SHEET NO:
C6

JOB NO. 04287

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