Genna Porter

From: Rob Gordon
Sent: Monday, November 09, 2015 12:13 PM
To: Dan Fisk
Cc: Tim Clinkscales (tclinkscales@paramounte-eng.com); Jim Diepenbrock; Genna Porter
Subject: Eng Review - the Pointe at Barclay
Attachments: Pages from 2015-09-15 SW Co & PhII EC Narrative_Gallery Pk Comm.pdf

Engineering has reviewed the submittal for the Pointe at Barclay and have the following comments:

1. Please make sure the Engineering approval stamp is included on each sheet in the set.
2. Note Only – The pad areas (#4-8) are assumed part of the "future development" allocation, same as the phase 2 & 3 future development areas. Please let me know if this is not correct. All future development, including the pad areas will require additional review prior to construction.
3. Please provide at least 3-4' of shoulder off the sidewalk for safety on the South side of Pointe Blvd adjacent to the culvert. It is not clear on the drawings how much is proposed and at what slope.
4. Is there sidewalk and/or MUP proposed along 17th and/or Independence? Will it be constructed with this initial phase? Please clarify. Note – it was referenced, but not included in the Gallery Pak Blvd plans (by HDS) – it was their understanding this was to be done as part of this project. We may need some coordination and or additional details on this.
5. There were a few questions about the drainage areas (attached). Please clarify.

Good submittal. Please forward one complete set of calcs & drainage areas for our files. I can review revised plans via protrak – no need to forward another set of plans to Engineering for review.

Robert Gordon, PE
Plan Review Engineer

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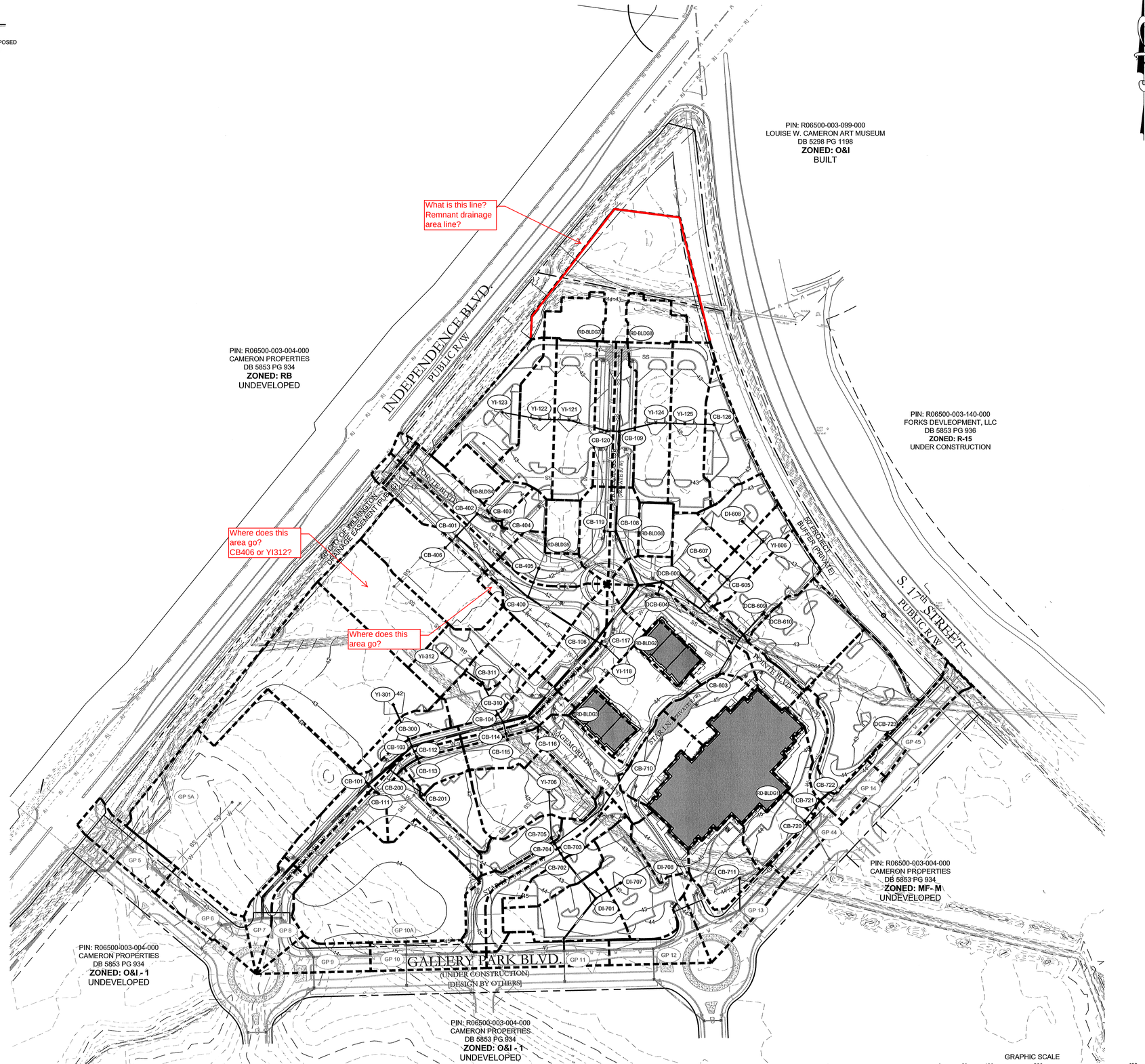
DRAINAGE AREAS:

STRUCTURE	DA (AC)	RUNOFF COEF.
GP 5	*0.34*	*0.80*
GP 6	*0.35*	*0.80*
GP 7	*0.19*	*0.80*
GP 8	*0.20*	*0.80*
GP 9	*0.28*	*0.80*
GP 10	*0.30*	*0.80*
GP 11	*0.31*	*0.80*
GP 12	*0.31*	*0.80*
GP 13	*0.37*	*0.80*
GP 44	*0.19*	*0.80*
GP 14	*0.16*	*0.80*
GP 45	*0.29*	*0.80*
GP 5A	*2.61*	*0.80*
GP 10A	*1.62*	*0.80*
CB-101	0.21	0.80
CB-103	0.14	0.80
CB-104	0.21	0.80
CB-106	0.30	0.80
CB-108	0.22	0.80
CB-109	0.28	0.77
MH-110	1.17	0.35
CB-111	0.21	0.80
CB-112	0.09	0.80
CB-113	0.16	0.84
CB-114	0.13	0.80
CB-115	0.21	0.82
CB-116	0.21	0.80
CB-117	0.31	0.80
YI-118	0.47	0.35
CB-119	0.25	0.80
CB-120	0.27	0.70
YI-121	0.62	0.80
YI-122	0.51	0.85
YI-123	0.52	0.75
YI-124	0.56	0.85
YI-125	0.62	0.82
CB-126	0.41	0.74
CB-200	0.33	0.80
CB-201	0.26	0.82
CB-300	0.21	0.80
YI-301	1.88	0.80
CB-310	0.27	0.80
CB-311	0.30	0.80
CB-312	1.06	0.80
CB-400	0.48	0.70
CB-401	0.38	0.80
CB-402	0.40	0.80
CB-403	0.10	0.80
CB-404	0.13	0.80
CB-405	0.30	0.80
DI-406	0.87	0.80
CB-600	0.50	0.80
CB-603	0.29	0.80
DCB-604	0.51	0.80
CB-605	0.15	0.87
CB-606	0.17	0.84
CB-607	0.30	0.75
CB-608	0.30	0.77
DCB-609	0.45	0.82
DCB-610	0.66	0.86
DI-701	0.51	0.80
CB-702	0.24	0.75
CB-703	0.31	0.60
CB-704	0.30	0.69
CB-705	0.24	0.86
YI-706	0.65	0.85
DI-707	0.59	0.80
CB-708	0.23	0.73
CB-710	0.34	0.89
CB-711	0.34	0.80
CB-720	0.28	0.80
CB-721	0.18	0.80
CB-722	0.18	0.80
CB-723	0.93	0.79
RD-BLDG1	1.24	0.95
RD-BLDG2	0.21	0.95
RD-BLDG3	0.21	0.95
RD-BLDG4	0.16	0.95
RD-BLDG5	0.18	0.95
RD-BLDG6	0.18	0.95
RD-BLDG7	0.23	0.95
RD-BLDG8	0.23	0.95

*ADJUSTED DRAINAGE AREAS GIVEN FOR PORTIONS OF GALLERY PARK STORM SYSTEM (DESIGN BY OTHERS) THAT ARE PROPOSED TO CHANGE WITH THE PROPOSED DEVELOPMENT/GRADING OF THE POINTE AT BARCLAY (BARCLAY WEST TRACT B)



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

CLIENT INFORMATION:
Collett - Cameron Properties
2508 Independence Blvd. Suite 202
Wilmington, NC

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5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
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NC License #: C-2846

STORM DRAINAGE
INLET DRAINAGE AREA MAP
THE POINTE AT BARCLAY
'BARCLAY WEST TRACT B'
CITY OF WILMINGTON
NORTH CAROLINA

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

DRAWING INFORMATION
DATE: 06-14-15
SCALE: 1"= 100'
DESIGNED: DJF
DRAWN: DJF
CHECKED: TGC

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 042070 ENGINEER DANIEL J. FISHER
06-14-15

FIG-1

PEI JOB#: 14222.PE