



Manatee County Public Works Department  
Engineering Services  
1022 26<sup>th</sup> Avenue East  
Bradenton, FL 34208  
Phone: (941) 708-7462  
[www.mymanatee.org](http://www.mymanatee.org)

July 30, 2014

Mr. Jeb C. Mulock, P.E.  
ZNS Engineering, LC  
P.O. Box 9448  
Bradenton, FL 34206

[\(jebm@znseng.com\)](mailto:jebm@znseng.com)

RE: **HARRISON RANCH - PHASE IIB-3**  
**(PDMU-01-04/06-S-35(P)/FSP-06-65(R7)) – (DTS #20120324)**  
**Performance Cost Estimate**  
**Required Public Improvements**  
**Reason – (Clearing, Roadwork, Drainage, Sanitary Sewer, Water, Reclaim)**

Dear Mr. Mulock:

Your cost estimate for the above referenced bond, dated **May 7, 2014**, for the completion of site improvements to serve the above referenced development, is approved for the appropriate surety.

A Public Improvement Performance in the amount of **\$1,357,175.63**, which is 130% of the submitted estimated cost, would be sufficient to assure the County completion of the required public improvements.

If we can be of further assistance, please contact me at (941) 708-7462.

Sincerely,

**Sia Mollanazar, P.E.**  
Deputy Director – Engineering Services

SM/mm/jh

cc: File  
Jane Oliver, Sr. Administrative Specialist, Public Works  
Carmen Mosley, Fiscal Operations Division Manager, Public Works  
Andy Fischer, Infrastructure Inspection Division Manager, Public Works  
Mark G. Mayer, Senior Development Review Specialist, Public Works  
John Parks, Sr. Development Review Specialist, Building and Development Services

July 3, 2014

Mr. Mark Mayer  
MC Public Works Department  
1022 26<sup>th</sup> Avenue East  
Bradenton, FL 34208

**RE: Harrison Ranch Phase IIB-3; Required Public Infrastructure  
MC File Number: PDMU-01-04/06-S-35(P)/FSP-06-65(R-7)  
ZNS File Number: 00-43576**

Dear Mr. Mayer:

I hereby certify that the engineering costs outlined herein (attachment) represents our estimate of the cost of public site work improvements to serve the above referenced development. This cost estimate is based on the contract quantities and costs for this project. This cost estimate has been prepared in order for the appropriate surety to be posted with Manatee County, guaranteeing completion of these improvements, thus enabling record plat processing prior to the completion of said improvements

Upon completion of your review and approval of this completion estimate of **\$1,357,175.63**, please notify our office so that the appropriate surety may be obtained.

Thank you in advance for your cooperation. Please advise if you should have any questions or require additional information.

Sincerely,

**ZNS ENGINEERING, L.C.**

  
Jeb P. Mulock, PE  
Senior Vice President

Attachment



**Engineer's Cost Estimate  
Required Public Improvements Estimate  
Harrison Ranch Phase IIB-3 (AFSP)  
March 1, 2014**

NO.	DESCRIPTION	QTY		UNIT PRICE	TOTAL AMOUNT
<b>CLEARING AND GRADING</b>					
1	CLEARING	1	LS	19,280.00	\$ 19,280.00
2	STAKED SILT FENCE	5,135	LF	1.30	\$ 6,675.50
3	IMPORT FILL	62,000	CY	3.75	\$ 232,500.00
4	SITE GRADING	1	LS	6,247.00	\$ 6,247.00
5	SOD (2' BOC, LAKE BANKS, SWALES)	27,116	SY	1.30	\$ 35,250.80
6	HYDROSEED (BALANCE OF R/W)	1	SY	0.20	\$ 0.20
7	TIRE CLEANING PITTS AT ENTRANCE	1	EA	1,460.00	\$ 1,460.00
8	BMP MEASURES & MAINTENANCE	1	LS	525.00	\$ 525.00
	<b>SUBTOTAL</b>				<b>\$ 301,938.50</b>
<b>STREET CONSTRUCTION</b>					
1	12" SUBBASE	6,245	SY	5.50	\$ 34,347.50
2	6" SOIL CEMENT BASE OR CRUSHED CONCRETE BASE	5,075	SY	9.25	\$ 46,943.75
3	1 3/4" TYPE S-3 ASPHALT	5,075	SY	4.20	\$ 21,315.00
4	MIAMI CURB	3,100	LF	12.50	\$ 38,750.00
5	F CURB	672	LF	15.00	\$ 10,080.00
6	5' CONCRETE SIDEWALK	500	LF	25.00	\$ 12,500.00
7	CONCRETE VALLEY CROSSING	1	EA	6,850.00	\$ 6,850.00
8	HANDICAP RAMP	2	EA	750.00	\$ 1,500.00
9	SIGNAGE & STRIPING	1	LS	3,850.00	\$ 3,850.00
	<b>SUBTOTAL</b>				<b>\$ 176,136.25</b>
<b>DRAINAGE</b>					
1	CURB INLETS	7	EA	4,800.00	\$ 33,600.00
2	JUNCTION BOX	5	EA	3,400.00	\$ 17,000.00
3	SWALE PERMANENT	1,312	LF	4.00	\$ 5,248.00
4	SPREADER SWALE	150	LF	4.00	\$ 600.00
5	RIP-RAP	19	CY	350.00	\$ 6,650.00
6	18" RCP	276	LF	29.00	\$ 8,004.00
7	24" RCP	465	LF	45.00	\$ 20,925.00
8	30" RCP	284	LF	58.00	\$ 16,472.00
9	24 x 38 RCP	185	LF	132.00	\$ 24,420.00
10	34 X 53 RCP	419	LF	155.00	\$ 64,945.00
11	30" MES	1	EA	2,000.00	\$ 2,000.00
12	24 x 38 MES	1	EA	2,974.00	\$ 2,974.00
13	34" X 53" MES	1	EA	3,500.00	\$ 3,500.00
14	CONTROL WEIRS	1	EA	9,800.00	\$ 9,800.00
15	CONTROL STRUCTURE	1	EA	8,800.00	\$ 8,800.00
	<b>SUBTOTAL</b>				<b>\$ 224,938.00</b>
<b>SEWER</b>					
1	8" SDR 26 PVC	1,423	LF	37.00	\$ 52,651.00
2	MANHOLES	8	EA	3,955.00	\$ 31,640.00
3	SINGLE SERVICE	3	EA	715.00	\$ 2,145.00
4	DOUBLE SERVICE	20	EA	990.00	\$ 19,800.00
	<b>SUBTOTAL</b>				<b>\$ 106,236.00</b>
<b>WATERMAIN</b>					
1	8" C-900 PVC	537	LF	18.00	\$ 9,666.00
2	10" C-900 PVC	962	LF	26.00	\$ 25,012.00
3	4" PVC WATER MAIN (DR 18)	402	LF	11.00	\$ 4,422.00
4	2" PVC WATER MAIN (SDR 21)	150	LF	8.00	\$ 1,200.00
5	8" GATE VALVE	1	EA	1,200.00	\$ 1,200.00

**Engineer's Cost Estimate  
 Required Public Improvements Estimate  
 Harrison Ranch Phase IIB-3 (AFSP)  
 March 1, 2014**

NO.	DESCRIPTION	QTY		UNIT PRICE	TOTAL AMOUNT
6	10" GATE VALVE	2	EA	1,800.00	\$ 3,600.00
7	FITTINGS WM	1	LS	8,200.00	\$ 8,200.00
8	INSTALL & REMOVE TEMPORARY JUMPER	1	EA	3,500.00	\$ 3,500.00
9	SINGLE SERVICE	49	EA	600.00	\$ 29,400.00
10	FIRE HYDRANT	3	EA	4,800.00	\$ 14,400.00
11	PERMANENT BLOW OFFS	1	EA	615.00	\$ 615.00
12	CONNECT TO EXISTING	1	EA	2,500.00	\$ 2,500.00
<b>SUBTOTAL</b>					<b>\$ 103,715.00</b>
<b>RECLAIMED MAIN</b>					
1	8" C-900 PVC	1,631	LF	19.00	\$ 30,989.00
2	8" GATE VALVE	1	EA	875.00	\$ 875.00
3	SINGLE SERVICE	49	EA	600.00	\$ 29,400.00
4	PERMANENT BLOW OFFS	1	EA	1,750.00	\$ 1,750.00
5	CONNECT TO EXISTING	1	EA	1,200.00	\$ 1,200.00
<b>SUBTOTAL</b>					<b>\$ 64,214.00</b>

**SUMMARY**

<b>CLEARING AND GRADING</b>		<b>\$ 301,938.50</b>
<b>STREET CONSTRUCTION</b>	-----	<b>\$ 176,136.25</b>
<b>DRAINAGE</b>	-----	<b>\$ 224,938.00</b>
<b>SEWER</b>	-----	<b>\$ 1,200.00</b>
<b>WATER</b>	-----	<b>\$ 29,400.00</b>
<b>RECLAIMED</b>	-----	<b>\$ 301,938.50</b>
<b>SURVEY &amp; REC DWGS</b>	-----	<b>\$ 8,430.00</b>

**TOTAL** ----- **\$1,043,981.25**

**Surety at 130%** **\$1,357,175.63**

**TOTAL REQUIRED IMPROVEMENTS BOND PHASE IIB-3** **\$1,357,175.63**

HARRISON RANCH PHASE II B-3

APPLICATION FOR PAYMENT

PAY APP FROM 05/01/14 TO 05/31/14

RIPA & ASSOCIATES PROJECT # 01-1522

ITEM NO	DESCRIPTION OF WORK	QTY	BASE CONTRACT			ESTIMATED QUANTITY			TOTAL WORK IN PLACE		TOTAL WORK IN PLACE TO DATE	PERCENT COMPLETE
			UNIT PRICE	VALUE	THIS ESTIMATE	PREV ESTIMATE	TOTAL ESTIMATE	THIS PERIOD	TO DATE			
										UNIT		
CONTRACT SUM TO DATE												
	<b>GENERAL CONDITIONS</b>											
1	MOBILIZATION	1.00	LS	19,500.00	19,500.00	0.20	0.00	0.20	\$3,900.00	\$3,900.00		20%
2	NPDES COMPLIANCE	1.00	LS	3,950.00	3,950.00	0.20	0.00	0.20	\$790.00	\$790.00		20%
3	SILT FENCE	1.00	LS	4,248.00	4,248.00	1.00	0.00	1.00	\$4,248.00	\$4,248.00		100%
4	SAWCUTTING	1.00	LS	216.00	216.00	0.00	0.00	0.00	\$0.00	\$0.00		0%
5	DEMO EXISTING ASPHALT	1.00	LS	750.00	750.00	0.00	0.00	0.00	\$0.00	\$0.00		0%
6	DEMO EXISTING CURB & GUTTER	1.00	LS	267.21	267.21	0.00	0.00	0.00	\$0.00	\$0.00		0%
	<b>TOTAL GENERAL CONDITIONS</b>				28,931.21				8,938.00	8,938.00		
<b>EARTHWORK</b>												
1	DISC SITE	1.00	LS	4,700.00	4,700.00	1.00	0.00	1.00	\$4,700.00	\$4,700.00		100%
2	SODDED SWALE	1.00	LS	10,059.40	10,059.40	0.00	0.00	0.00	\$0.00	\$0.00		0%
3	SOD 2' BAC / EOP - BAHIA	1.00	LS	1,423.50	1,423.50	0.00	0.00	0.00	\$0.00	\$0.00		0%
4	SEED & MULCH ROW / DISTURBED LOTS	1.00	LS	14,191.25	14,191.25	0.00	0.00	0.00	\$0.00	\$0.00		0%
5	FINAL GRADING	1.00	LS	13,195.00	13,195.00	0.00	0.00	0.00	\$0.00	\$0.00		0%
	<b>TOTAL EARTHWORK</b>				43,569.15				4,700.00	4,700.00		
<b>PAVING</b>												
1	1 3/4" TYPE S-3 ASPHALT (2 LIFTS)	5.075.00	SY	10.80	54,810.00	0.00	0.00	0.00	\$0.00	\$0.00		0%
2	6" CRUSHED CONCRETE BASE	5.075.00	SY	9.20	46,690.00	0.00	0.00	0.00	\$0.00	\$0.00		0%
3	12" STABILIZED SUBGRADE (LBR-40)	6.245.00	SY	5.50	34,347.50	0.00	0.00	0.00	\$0.00	\$0.00		0%
4	MIAMI CURB	1.00	LS	27,256.25	27,256.25	0.00	0.00	0.00	\$0.00	\$0.00		0%
5	TYPE F CURB	1.00	LS	3,595.50	3,595.50	0.00	0.00	0.00	\$0.00	\$0.00		0%
6	4" CONCRETE SIDEWALK	1.00	LS	12,445.25	12,445.25	0.00	0.00	0.00	\$0.00	\$0.00		0%
7	CONCRETE VALLEY GUTTER INTERSECTION	1.00	LS	5,385.00	5,385.00	0.00	0.00	0.00	\$0.00	\$0.00		0%

APPLICATION FOR PAYMENT

RIPA & ASSOCIATES PROJECT # 01-1522

ITEM NO.	DESCRIPTION OF WORK	QTY	CONTRACT SUM TO DATE										
			BASE CONTRACT		ESTIMATED QUANTITY			TOTAL WORK IN PLACE		TOTAL WORK IN PLACE		PERCENT COMPLETE	
			UNIT PRICE	VALUE	THIS ESTIMATE	PREV. ESTIMATE	TOTAL ESTIMATE	THIS PERIOD	TO DATE				
8	5' ADA HANDICAPPED RAMP	1.00	LS	580.00	580.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
9	SIGNAGE & STRIPING	1.00	LS	3,850.00	3,850.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
	<b>TOTAL PAVING</b>				<b>188,959.50</b>						<b>0.00</b>	<b>0.00</b>	
	<b>STORM SEWER</b>												
1	CONNECT TO EXISTING STORM	1.00	LS	5,000.00	5,000.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
2	18" CLASS III RCP STORM	1.00	LS	4,126.20	4,126.20	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
3	24" CLASS III RCP STORM	1.00	LS	18,367.50	18,367.50	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
4	30" CLASS III RCP STORM	1.00	LS	15,250.80	15,250.80	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
5	36" CLASS III RCP STORM	1.00	LS	27,157.20	27,157.20	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
6	24" X 38" CLASS III ERCP STORM	1.00	LS	12,672.50	12,672.50	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
7	34" X 53" CLASS III ERCP STORM	1.00	LS	52,500.00	52,500.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
8	MANATEE CO TYPE F CURB INLET	1.00	LS	33,600.00	33,600.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
9	STORM MANHOLE	1.00	LS	17,000.00	17,000.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
10	CONTROL STRUCTURE TYPE H	1.00	LS	4,800.00	4,800.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
11	WEIR WALL CONTROL STRUCTURE (30')	1.00	LS	7,650.00	7,650.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
12	30" RCP MES	1.00	LS	2,000.00	2,000.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
13	24" X 38" ERCP MES	1.00	LS	1,826.57	1,826.57	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
14	34" X 53" ERCP MES	1.00	LS	3,314.87	3,314.87	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
15	PRECAST YARD DRAIN	1.00	LS	2,200.00	2,200.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
16	RIP RAP	1.00	LS	6,523.75	6,523.75	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
17	CONNECT STORM TO EXISTING POND	1.00	LS	3,775.00	3,775.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
18	TELEWISE STORM SEWER	1.00	LS	4,936.95	4,936.95	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%
	<b>TOTAL STORM SEWER</b>				<b>222,701.34</b>						<b>0.00</b>	<b>0.00</b>	
	<b>SANITARY SEWER</b>												
1	CONNECT TO EXISTING MANHOLE	1.00	LS	1,450.00	1,450.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0%

HARRISON RANCH PHASE II B-3

APPLICATION FOR PAYMENT

PAY APP 1 4  
 FROM 05/01/14  
 TO 05/31/14

RIPA & ASSOCIATES PROJECT # 01-1522

ITEM NO	DESCRIPTION OF WORK	QTY	CONTRACT SUM TO DATE						TOTAL ESTIMATE	TOTAL WORK IN PLACE THIS PERIOD	TOTAL WORK IN PLACE TO DATE	PERCENT COMPLETE
			BASE CONTRACT		ESTIMATED QUANTITY		TOTAL ESTIMATE					
			UNIT PRICE	VALUE	THIS ESTIMATE	PREV. ESTIMATE						
2	8" PVC (0'-6" CUT)	1.00	LS	8,932.00	8,932.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
3	8" PVC (6'-8" CUT)	1.00	LS	13,154.10	13,154.10	0.00	0.00	0.00	\$0.00	\$0.00	0%	
4	SANITARY MANHOLE (0'-6" CUT)	1.00	LS	9,200.00	9,200.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
5	SANITARY MANHOLE (6'-8" CUT)	1.00	LS	15,200.00	15,200.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
6	DOUBLE SERVICE	1.00	LS	17,700.00	17,700.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
7	DEWATERING	1.00	LS	6,577.05	6,577.05	0.00	0.00	0.00	\$0.00	\$0.00	0%	
8	INFIL / EXFIL TESTING	1.00	LS	1,351.85	1,351.85	0.00	0.00	0.00	\$0.00	\$0.00	0%	
9	MANDREL TEST SANITARY	1.00	LS	2,276.80	2,276.80	0.00	0.00	0.00	\$0.00	\$0.00	0%	
10	TELEWISE SANITARY SEWER	1.00	LS	6,047.75	6,047.75	0.00	0.00	0.00	\$0.00	\$0.00	0%	
	<b>TOTAL SANITARY SEWER</b>				<b>81,869.55</b>				<b>0.00</b>	<b>0.00</b>		
	<b>WATER &amp; FIRE DISTRIBUTION</b>											
1	CONNECT TO EXISTING 8" WATERMAIN	1.00	LS	2,300.00	2,300.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
2	TEMPORARY JUMPER	1.00	LS	3,350.00	3,350.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
3	10" PVC WATER MAIN (DR 18)	1.00	LS	24,813.75	24,813.75	0.00	0.00	0.00	\$0.00	\$0.00	0%	
4	8" PVC WATER MAIN (DR 18)	1.00	LS	9,255.50	9,255.50	0.00	0.00	0.00	\$0.00	\$0.00	0%	
5	4" PVC WATER MAIN (DR 18)	1.00	LS	3,612.00	3,612.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
6	2" PVC WATER MAIN (SDR 21)	1.00	LS	745.00	745.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
7	10" GATE VALVE ASSEMBLY	1.00	LS	1,700.00	1,700.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
8	8" GATE VALVE ASSEMBLY	1.00	LS	1,150.00	1,150.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
9	10" MJ BEND	1.00	LS	5,600.00	5,600.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
10	8" MJ BEND	1.00	LS	260.00	260.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
11	10" X 8" MJ TEE WYE	1.00	LS	825.00	825.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
12	10" MJ REDUCER	1.00	LS	345.00	345.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
13	8" MJ REDUCER	1.00	LS	240.00	240.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
14	4" MJ REDUCER	1.00	LS	145.00	145.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	
15	FIRE HYDRANT ASSEMBLY	1.00	LS	14,250.00	14,250.00	0.00	0.00	0.00	\$0.00	\$0.00	0%	

PAY APP 1  
 FROM 05/01/14  
 TO 05/31/14

APPLICATION FOR PAYMENT

HARRISON RANCH PHASE II B-3

RIPA & ASSOCIATES PROJECT # 01-1522

ITEM NO	DESCRIPTION OF WORK	QTY	CONTRACT SUM TO DATE										TOTAL WORK IN PLACE TO DATE	PERCENT COMPLETE
			BASE CONTRACT		ESTIMATED QUANTITY			TOTAL WORK IN PLACE THIS PERIOD		TOTAL ESTIMATE	TOTAL ESTIMATE	TOTAL ESTIMATE		
			UNIT PRICE	VALUE	THIS ESTIMATE	PREV ESTIMATE	TOTAL ESTIMATE	THIS PERIOD	TO DATE					
16	SINGLE SERVICE SHORT	1.00	LS	6,200.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
17	SINGLE SERVICE LONG	1.00	LS	685.00	685.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
18	DOUBLE SERVICE SHORT	1.00	LS	6,825.00	6,825.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
19	DOUBLE SERVICE LONG	1.00	LS	9,900.00	9,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
20	PERMANENT BLOWOFF ASSEMBLY	1.00	LS	1,750.00	1,750.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
21	CHLORINATION & TESTING	1.00	LS	4,400.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
	TOTAL WATER & FIRE DISTR.				98,351.25							0.00	0.00	
	RECLAIMED DISTRIBUTION SYSTEM													
1	CONNECT TO EXISTING 8" RECLAIMED	1.00	LS	1,000.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
2	8" PVC RECLAIMED MAIN (DR 18)	1.00	LS	29,662.50	29,662.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
3	8" MJ BEND	1.00	LS	3,900.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
4	SINGLE SERVICE SHORT	1.00	LS	680.00	680.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
5	SINGLE SERVICE LONG	1.00	LS	1,530.00	1,530.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
6	DOUBLE SERVICE SHORT	1.00	LS	11,940.00	11,940.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
7	DOUBLE SERVICE LONG	1.00	LS	8,800.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
8	PERMANENT BLOWOFF ASSEMBLY	1.00	LS	1,750.00	1,750.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
9	PRESSURE TESTING	1.00	LS	4,200.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%
	TOTAL RECLAIMED DISTRIBUTION SYSTEM				63,462.50							0.00	0.00	
	IMPORT FILL FROM 2A3 STOCKPILE													
1	IMPORT FILL	62050.00	CY	3.75	232,687.50	14000.00	0.00	14000.00	0.00	14000.00	0.00	52,500.00	52,500.00	23%
	TOTAL IMPORT FILL FROM 2A3 STOCKPILE				232,687.50							52,500.00	52,500.00	
	PROJECT TOTALS				960,552.00							66,138.00	66,138.00	7%



**REQUIRED IMPROVEMENTS AGREEMENT**

(In conjunction with a Surety Bond as security guaranteeing completion of Required Improvements)

**WHEREAS, PULTE HOME CORPORATION** (Developer) has made application to Manatee County, Florida (County), for approval of a proposed subdivision or final site plan identified as **HARRISON RANCH PHASE II B-3** (Project); and

**WHEREAS,** the Manatee County Land Development Code (LDC), Ordinance 90-01, requires that a final subdivision plat not be approved for recording, and that a Certificate of Occupancy not be issued in accordance with final site plan approval, until certain improvements required by the Land Development Code or required as a condition of approval of the plat or site plan (Required Improvements) have been duly constructed, completed, and approved, unless the Developer has provided performance security guaranteeing to the satisfaction of the County that such improvements will be duly constructed, completed, and approved; and

**WHEREAS,** in connection with the Project the Developer has submitted construction drawings for the Required Improvements which are on file with and have been approved by the County; and

**WHEREAS,** the developer desires to obtain approval of the Project prior to installation of the Required Improvements; and

**WHEREAS,** the developer has submitted a cost estimate certified by the Engineer of Record to be an accurate reflection of the cost to complete the remaining Required Improvements, and the Developer herewith tenders to the County a Surety Bond which is in an amount representing at least 130% of that estimated cost.

**WITNESSETH:**

1. The Developer, in consideration for the mutual covenants and conditions contained herein, hereby agrees to duly construct and complete the Required Improvements and to otherwise comply fully with the LDC, any conditions of the Project approval, and all other applicable regulations, requirements, and agreements.
2. Developer and **HARTFORD FIRE INSURANCE COMPANY**, a Surety Company duly authorized to transact business in the State of Florida (Surety) are held and firmly bound unto the County as obligee/owner in the amount of **ONE MILLION THREE HUNDRED FIFTY-SEVEN THOUSAND ONE HUNDRED SEVENTY-FIVE & 63/100** Dollars (words) **\$ 1,357,175.63** (numbers), and the Developer herewith tenders to the County a Surety Bond, No **59BSBGT2092**, dated **AUGUST 8, 2014** with **HARTFORD FIRE INSURANCE COMPANY**. Said Bond shall not expire until the Required Improvements guaranteed by this Bond has been accepted by the County.

**3. CONDITIONS OF THE SECURITY FOR THE BENEFIT OF THE COUNTY:**

- (a) If the Developer should fail or refuse to complete, to the satisfaction of the County, all Required Improvements on or before the 21<sup>ST</sup> day of OCTOBER, 2015, in accordance with the construction drawings or any amendments thereto approved by the County, and unless the County elects to proceed in accordance with Paragraph (b) below, the Surety upon thirty (30) days written notice of the default from the County will cause to be completed the Required Improvements and will pay all costs thereof, including and without limitation all engineering, legal, and contingent costs.
  - (b) Alternatively, if the Developer should fail or refuse to complete all Required Improvements in the manner described above, the County, at its option, shall have the right to construct and complete or cause to be constructed the Required Improvements. In the event the County should exercise such right, the Developer and the Surety shall be jointly and severally liable hereunder to reimburse the County the total cost thereof from the proceeds of this Bond, and shall indemnify and save harmless the County against or from all claims, costs, expenses, damages, injury, or loss, either direct or consequential, including without limitation all engineering, legal, and contingent costs which the County may sustain on account of the failure of the Developer to fulfill within the time specified its obligations as described herein. Cost expended on the construction of Required Improvements shall be at the sole discretion of the County.
4. The Developer agrees that it is liable to the County for all costs and damages, as described above, that the County may incur in connection with constructing and completing the Required Improvements without regard to the amount of this Bond.
  5. Should the Developer fail or refuse to complete the Required Improvements, nothing herein shall be construed as affecting the County's right to resort to any and all legal and equitable remedies against the Developer and the Surety, including specific performance, to which the Developer hereby agrees.
  6. This Agreement shall become effective upon the execution hereof by both parties hereto.

SIGNED AND SEALED this 13 day of AUGUST, 20 14

**WITNESSES:**

[Signature]

Witness

CHAS FISHER

[Signature]

Type or Print Name

Tracy Mayer

Witness

[Signature]

Type or Print Name

**PULTE HOME CORP.**

Developer

BY: [Signature]

Signature

Parker HIRONS

Type or Print Name

LAND DIRECTOR

Title (If attorney-in-fact Attach Power of Attorney)

3810 Northdale Blvd., #100

Postal Address

Tampa FL 33624

City State Zip

**NOTARY ACKNOWLEDGMENT**

STATE OF: Florida

COUNTY OF: Hillsborough

The foregoing instrument was acknowledged before me this 13<sup>th</sup> day of August, 2014, by Parker HIRONS, as Land Director, (Title), on behalf of the corporation identified herein as Developer and who is personally known to me or who has produced \_\_\_\_\_ (Type of Identification) as identification.

NOTARY SEAL:



[Signature]

Notary Public

**Rachel L. Brock**

Print Name of Notary

Approved and accepted for and on behalf of Manatee County, Florida, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

BOARD OF COUNTY COMMISSIONERS  
OF MANATEE COUNTY, FLORIDA

BY: \_\_\_\_\_

Chairman

ATTEST: \_\_\_\_\_

R. B. Shore, Clerk of the Circuit Court

**SURETY BOND**  
**FOR PERFORMANCE OF REQUIRED IMPROVEMENTS**  
**(Attachment "A")** **BOND NO: 59BSBGT2092**

**KNOW ALL MEN BY THESE PRESENT:**

That the Developer, Pulte Home Corporation as Principal, Hartford Fire Insurance Company, a Surety Company, duly authorized to transact business in the State of Florida, are held and firmly bound unto the County of Manatee, State of Florida, as Obligee, in the sum of \$ 1,357,175.63 (Numbers) ONE MILLION THREE HUNDRED FIFTY SEVEN THOUSAND ONE HUNDRED SEVENTY FIVE AND 63/100 (Words) for the payment of which we jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns, for the specific benefit of the County in accordance with the conditions set forth herein and in the "Required Improvements Agreement" which is hereby incorporated herein by reference.

**THE CONDITION** of the above obligation is such that, Whereas the Principal has entered into a contract, dated \_\_\_\_\_ (LEAVE BLANK Board of County Commission approval date) with the obligation to do and perform certain work relating to Harrison Ranch, Phase II B-3 (Subdivision).

**NOW THEREFORE**, if the principal shall fully perform all the covenants and terms of said contract, then this obligation shall be null and void; otherwise this obligation shall remain in full force and effect, and Surety shall cause the contract to be fully performed or pay to obligee the cost of performing said contract in an amount not exceeding the said sum specified above. In the event such performance is not completed within the time specified in the attached "Agreement", the obligee shall be entitled to collection of this surety bond. Means of notification of intent to collect shall be by certified mail to the Surety at the address on page 2 {insert page number of surety's address}. Payment will be made to the County within 30 days by certified check drawn on behalf of the Board of County Commissioners at P. O. Box 1000, Bradenton, FL 34206.

The Surety does hereby consent to any and all alterations, extensions of time, or other modifications to the contract secured by this bond.

This Surety Bond shall be construed in accordance to the Laws of Florida, and any action of whatever nature, in connection with this Bond and the Required Improvements Agreement shall be filed in the Twelfth Judicial Circuit in and for Manatee County, Florida.

**INSURANCE COMPANY SIGNATURE FORM**

FOR: HARRISON RANCH, PHASE II B-3  
(Name of Project)

**BOND NO. 59BSBGT2092**

**SIGNED AND SEALED** this 8th day of August, 2014.

Hartford Fire Insurance Company  
Surety Company Name

By: Jessica Hollaender  
Signature - As its Agent & Attorney-in-Fact

Jessica Hollaender, Attorney-in-Fact

1 Hartford Plaza, Hartford, CT 06155  
Surety Address

**WITNESSES OR CORPORATE SEAL**

Karen O'Brien  
Signature  
\_\_\_\_\_  
Karen O'Brien

Kelly Welch  
Signature  
\_\_\_\_\_  
Kelly Welch

**NOTARY ACKNOWLEDGMENT**

**STATE OF:** Arizona  
**COUNTY OF:** Maricopa

The foregoing instrument was acknowledged before me this 8th day of August, 2014, by Jessica Hollaender as Attorney-in-Fact, on behalf of the Surety identified herein, and who is personally known to me or who has produced personally known (Type of Identification) as identification.

**NOTARY SEAL:**



Karen W. O'Brien  
Notary Public  
Karen W. O'Brien  
Print Name of Notary

Commission No. N/A My Commission Expires: 11/08/2016

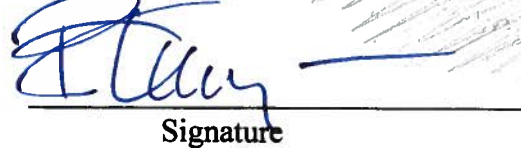
**DEVELOPER SIGNATURE FORM**

FOR: HARRISON RANCH, PHASE II B-3

**BOND NO. 59BSBGT2092**

**SIGNED AND SEALED** this 8th day of August, 2014

By: Pulte Home Corporation - Developer



Signature

Bryce Langen, Assistant Treasurer

(If attorney-in-fact  
Attach Power of Attorney)

24311 Walden Center Drive, Suite 300  
Bonita Springs FL 34134

**WITNESSES OR CORPORATE SEAL**

\_\_\_\_\_  
Signature  
Print Name

\_\_\_\_\_  
Signature  
Print Name

**NOTARY ACKNOWLEDGMENT**

STATE OF GEORGIA  
COUNTY OF FULTON

The foregoing instrument was acknowledged before me this 8th day of August, 2014, by Bryce Langen as Assistant Treasurer (Title), on behalf of the developer identified herein, and who is personally known to me or who has produced personally known (Type of Identification) as identification.

NOTARY SEAL:





Notary Public

Shirley E. Hutchins

Print Name of Notary

Commission No. n/a My Commission Expires: April 17, 2018

Approved and accepted for and on behalf of Manatee County, Florida, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

**BOARD OF COUNTY COMMISSIONERS  
OF MANATEE COUNTY, FLORIDA**

BY: \_\_\_\_\_

Chairman

ATTEST: \_\_\_\_\_ Deputy Clerk  
R. B. Shore, Clerk of the Circuit Court

# POWER OF ATTORNEY

Direct Inquiries/Claims to:

**THE HARTFORD**

Bond T-4

One Hartford Plaza

Hartford, Connecticut 06155

call: 888-266-3488 or fax: 860-757-5835)

KNOW ALL PERSONS BY THESE PRESENTS THAT:

Agency Code: 59-300168

- Hartford Fire Insurance Company**, a corporation duly organized under the laws of the State of Connecticut
- Hartford Casualty Insurance Company**, a corporation duly organized under the laws of the State of Indiana
- Hartford Accident and Indemnity Company**, a corporation duly organized under the laws of the State of Connecticut
- Hartford Underwriters Insurance Company**, a corporation duly organized under the laws of the State of Connecticut
- Twin City Fire Insurance Company**, a corporation duly organized under the laws of the State of Indiana
- Hartford Insurance Company of Illinois**, a corporation duly organized under the laws of the State of Illinois
- Hartford Insurance Company of the Midwest**, a corporation duly organized under the laws of the State of Indiana
- Hartford Insurance Company of the Southeast**, a corporation duly organized under the laws of the State of Florida

having their home office in Hartford, Connecticut (hereinafter collectively referred to as the "Companies") do hereby make, constitute and appoint, **up to the amount of Unlimited** :

Virginia Erickson, Jessica Hollaender of PHOENIX, Arizona

their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign its name as surety(ies) only as delineated above by , and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

In Witness Whereof, and as authorized by a Resolution of the Board of Directors of the Companies on August 1, 2009, the Companies have caused these presents to be signed by its Vice President and its corporate seals to be hereto affixed, duly attested by its Assistant Secretary. Further, pursuant to Resolution of the Board of Directors of the Companies, the Companies hereby unambiguously affirm that they are and will be bound by any mechanically applied signatures applied to this Power of Attorney.



*Wesley W. Cowling*

Wesley W. Cowling, Assistant Secretary

*M. Ross Fisher*

M. Ross Fisher, Vice President

STATE OF CONNECTICUT }  
  } ss.     Hartford  
COUNTY OF HARTFORD }

On this 12th day of July, 2012, before me personally came M. Ross Fisher, to me known, who being by me duly sworn, did depose and say: that he resides in the County of Hartford, State of Connecticut; that he is the Vice President of the Companies, the corporations described in and which executed the above instrument; that he knows the seals of the said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed by authority of the Boards of Directors of said corporations and that he signed his name thereto by like authority.



CERTIFICATE

*Kathleen T. Maynard*

Kathleen T. Maynard  
Notary Public

My Commission Expires July 31, 2016

I, the undersigned, Vice President of the Companies, DO HEREBY CERTIFY that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is still in full force effective as of 08/08/2014  
Signed and sealed at the City of Hartford.



*Gary W. Stumper*

Gary W. Stumper, Vice President