

**East Palm Drive Community Development District**

**Engineer's Report**  
Infrastructure Improvements

Prepared for  
**East Palm Drive Community Development District**  
**Board of Supervisors**  
City of Homestead,  
Miami-Dade County, Florida

Prepared by  
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**I. Introduction.**

The East Palm Drive Community Development District (herein referred to as the “District,” or “CDD”) was established by the enactment of Miami-Dade County Ordinance No. 24-3 on February 6, 2024. Such ordinance became effective ten days later on February 16, 2024.

The District consists of a 325.60-acre subdivision lying wholly within the limits of the City of Homestead, Florida (the “City”), in an area bounded by Theoretical SW 152 Avenue on the east, SW 352 Street on the south, Theoretical SW 162 Avenue on the west, and SW 344 Street (East Palm Drive/SE 24 Street) on the north (Refer to Exhibits 1 and 2). The District will partially finance the public infrastructure that supports the development within the District known as Keys Gate Subdivision (the “Development”). The Development consist of an existing clubhouse and the construction of 1,287 residential units (387 single-family units, 419 villa units, and 481 townhome units) with associated private and public roadway improvements, stormwater management and drainage system, potable water distribution system, and sanitary sewer collection system (Refer to Exhibit 3). The public roads, drainage, water, and sewer systems constitute the improvements to be partially financed by the District (the “Public Infrastructure”) and are estimated to cost approximately \$51.463 million. The Development also has private roads and private common open areas that are intended to be owned and maintained by a homeowners association (the “HOA”).

The Development covers approximately 206.30 acres of the 325.60 acres of land within the District and encompasses the existing 7.21-acre clubhouse parcel and approximately 199.09 acres of new residential areas. The residential portion of the Development is intended to be developed by Lennar Homes, LLC (the “Developer”) in five phases, as shown on Exhibit 3. The remaining 119.30 acres of District lands contain a golf course, canal right of ways, the lake by the clubhouse and other open areas, all of which are envisioned to remain in their existing condition and are intended, with the exception of the golf course, which is intended to be owned by the CDD, to be owned and maintained by either the HOA or the CDD. The estimated construction costs for the Public Infrastructure presented in this Engineer’s Report do not include land acquisition costs for such areas.

The Development is wholly contained within the Tentative Plat of Keys Gate Subdivision, which received approval from Miami-Dade County (the “County”) on February 23, 2024, under Tentative Plat No. T-24968.

**II. Purpose of this Engineer’s Report.**

The District will partially finance the acquisition or construction of the Public Infrastructure that supports the Development. This Engineer’s Report was prepared for the purpose of describing the intended future ownership of land and easements and to report the estimated construction costs of the Public Infrastructure, the status of permits, and the schedule of construction.

**III. Composition of the District Land and Future Land Ownership and Easements.**

Upon recordation of the final plat in the official records of the County, the 325.60-acre District lands will officially be subdivided with ownership and CDD drainage easements as shown in Table 1.

Table 1 – District Land Uses and Future Tracts Ownership and CDD Drainage Easements							
Tract IDs Refer to T-Plat	Use	Future Ownership of Land and Easements with Acreages					
		CDD	CDD Easement	HOA	HOA or CDD. TBD	City	Private
A	Common Area Open Space		X	X			
Portion of B	Entry Roads	X					
Remainder of B	Private Roads		X	X			

Table 1 – District Land Uses and Future Tracts Ownership and CDD Drainage Easements							
Tract IDs Refer to T-Plat	Use	Future Ownership of Land and Easements with Acreages					
		CDD	CDD Easement	HOA	HOA or CDD. TBD	City	Private
C to D	Common Area Open Space		X	X			
Portion of E	Entry Roads	X					
Remainder of E	Private Roads		X	X			
F to H	Common Area Open Space		X	X			
I	Sanitary Lift Station					X	
J to M	Common Area Open Space		X	X			
Portion of N	Entry Roads	X					
Remainder of N	Private Roads		X	X			
O	Mail Kiosk		X	X			
P to S	Common Area Open Space		X	X			
Portion of T	Entry Roads	X					
Remainder of T	Private Roads		X	X			
U	Mail Kiosk		X	X			
V to X	Common Area Open Space		X	X			
Y	Stormwater Retention Lake	X					
Z, A1 to B1	Common Area Open Space		X	X			
Portion of C1	Entry Roads	X					
Remainder of C1	Private Roads		X	X			
D1	Mail Kiosk		X	X			
E1 to W1	Common Area Open Space		X	X			
Portion of X1	Entry Roads	X					
Remainder of X1	Private Roads		X	X			
Y1, Z1, A2 to I2	Common Area Open Space		X	X			
Portion of J2	Entry Roads	X					
Remainder of J2	Private Roads		X	X			
K2 to O2	Common Area Open Space		X	X			
T2	Stormwater Retention Lake	X					
U2 to X2	Common Area Open Space		X	X			
Y2	Mail Kiosk		X	X			
Z2 to G3	Common Area Open Space		X	X			
H3	Sanitary Lift Station					X	
I3	Mail Kiosk		X	X			
Portion of	Entry Roads	X					

Table 1 – District Land Uses and Future Tracts Ownership and CDD Drainage Easements							
Tract IDs Refer to T-Plat	Use	Future Ownership of Land and Easements with Acreages					
		CDD	CDD Easement	HOA	HOA or CDD. TBD	City	Private
J3							
Remainder of J3	Private Roads		X	X			
K3 to O3	Common Area Open Space		X	X			
P3	Mail Kiosk		X	X			
Q3 to V3	Common Area Open Space		X	X			
W3	Clubhouse Parcel		X		X		
X3	Loop Road	X					
Y3	Loop Road	X					
Z3	Loop Road	X					
Z4 to Z6	Common Area Open Space		X	X			
Golf Course	Golf Course	X					
Remaining Open, Lake, Canal Areas	Common Area Open Space				X		
Phase 1	33 – 60' Front Single-Family Homes; 202 – 40' Front Single-Family Homes					X	
Phase 2	152 – 60' Front Single-Family Homes					X	
Phase 3	132 Townhomes; 136 Villas					X	
Phase 4	83 Townhomes; 126 Villas					X	
Phase 5	157 Villas; 266 Townhomes					X	

#### IV. Description of the Public Infrastructure.

The Public Infrastructure, as described in this Engineer's Report, consists of public roadways, stormwater management, drainage, water, and sanitary sewer improvements that will give service and access to the Development located inside the District's boundary. The proposed Public Infrastructure, as outlined herein, is necessary for the functional development of the District and provides a direct and special benefit to the assessable lands within the District. All CDD improvements will be constructed on land owned by the District or other units of local government, or by way of a perpetual easement.

##### a. Roadway Improvements.

The CDD roadway improvements include the construction of the Loop Road and 12 entry roads (Four in Phase 1, one in Phase 2, two in Phase 3, two in Phase 4 and three in Phase 5). The construction of the entry roads extends from the right of way line of the Loop Road to the hard

gates of the Development, as the Developer intends to gate the Development's interior roads to limit access to the residents only, making those roads, in effect, private, and consequently, ineligible for CDD financing. The estimates of costs presented in this Report do not include the cost of constructing the interior roads behind the gates, except for the interior roadside curbs and gutters, which are considered part of the drainage system, and which costs are included in the stormwater management category of the Public Infrastructure.

The Developer intends to grant the District, at no cost, easements over the interior onsite road right of ways as indicated in Table 1 in order to provide access to the stormwater drainage facilities which the District will own.

The Developer intends to convey to the District, at no cost, the land of the Loop Road right of way and the land of the twelve entry roads in fee simple, as indicated in Table 1.

The Miami-Dade County Road Mobility Impact Fees are included in the estimated cost of the CDD roadway improvements. The Developer intends to advance the funds to pay for the impact fees on behalf of the District.

b. Stormwater Management and Drainage Facilities.

The District will fund the construction of the drainage components in the Development, including the onsite curbs and gutters on the private roads, since they are components of the drainage facilities.

The Developer intends to grant the District easements over the interior onsite road right of ways and over the open spaces at no cost as indicated in Table 1 in order to provide access to the stormwater management and drainage facilities which the District will own.

The Developer intends to convey to the District in fee simple at no cost, the two lake tracts that are part of the stormwater management system as indicated in Table 1.

The District will not finance the cost of any earthwork that involves the transportation to, or the spreading or grading on, the private lots.

c. Water Distribution and Sewer Collection Systems.

The cost of constructing the water and sewer systems is included in the Public Infrastructure. The systems extend from the point of connection with City facilities to the property lines of the residential lots.

The Developer intends to grant the District, at no cost, the necessary easements for constructing and accessing these CDD improvements. The District intends to convey to the City the completed water distribution and sewer collection systems for future ownership and maintenance.

The Connection Charges for water and sewer are included in the estimated costs of these Public Infrastructure improvements. The Developer intends to advance the funds to pay for the connection charges on behalf of the District.

d. Property to be Transferred, and Easements to be Granted, to the CDD.

The Developer intends to convey in fee simple and at no cost to the CDD two stormwater management lake tracts, the right of way of the Loop Road and twelve entry roads up to the hard gates as indicated in Table 1.

The Developer intends to grant the CDD easements for drainage purposes over the tracts identified in Tables 1 at no cost.

The Developer intends to convey in fee simple and at no costs to the CDD the golf course.

It remains to be determined the entity to which Developer intends to convey the clubhouse parcel, the lake adjacent to the clubhouse, the canal right of ways and other open areas outside of the Development area.

## **V. Ownership and Maintenance.**

The District will partially finance the acquisition and/or construction of the Public Infrastructure. It will then transfer certain of the improvements to the following agencies for ownership and maintenance:

<b>Description</b>	<b>Future Ownership</b>	<b>Future Maintenance</b>
Entry Roads (up to the hard gates)	CDD	CDD
Loop Road	CDD	CDD
Interior Stormwater Management and Drainage Systems with Easement (Includes Lakes, Interior Curbs, Gutters. Does Not Include Private Road Surfaces)	CDD	CDD
Water Distribution System	City	City
Sanitary Sewer System	City	City

## **VI. Permitting Status.**

Table 3 reflects the permitting status of the Development as of the date of this Report.

<b>Permit</b>	<b>Agency</b>	<b>In Process</b>	<b>Approved</b>	<b>Date/Anticipated</b>
Petition to Create CDD	County		X	
T-Plat	County		X	
Environmental Resource Permit	SFWMD		X	
Wetlands	ACOE		X	
Earthwork	City		X	
Phase 1 Paving, Grading, Drainage	City/County		X	
Phases 2-5 Paving, Grading and Drainage	City	X		Q2-2024
Canal Crossings	City/County	X		Q2-2024
Water/Sewer	County/City	X		Q2-2024

**VII. Schedule of Construction.**

Table 4 reflects the intended schedule of construction of the Development as of the date of this Engineer's Report.

Table 4						
Development Phase	Earthwork		Water, Sewer & Drainage		Paving	
	Start	End	Start	End	Start	End
Phase 1	Q4-2023	Q4-2024	Q1-2024	Q4-2024	Q3-2024	Q4-2024
Phase 2	Q4-2023	Q4-2024	Q1-2024	Q4-2024	Q3-2024	Q4-2024
Phase 3	Q4-2023	Q4-2024	Q1-2024	Q4-2024	Q3-2024	Q4-2024
Phase 4	Q1-2024	Q4-2025	Q3-2024	Q2-2025	Q1-2025	Q3-2025
Phase 5	Q1-2024	Q4-2025	Q3-2024	Q2-2025	Q1-2025	Q3-2025

**VIII. Estimate of Public Infrastructure Costs.**

Table 5	
Infrastructure Component <sup>(1)</sup>	Total (\$)
Roadway Improvements <sup>(2)</sup>	18,501,000
Stormwater Management	12,100,000
Sanitary Sewers <sup>(3)</sup>	9,047,000
Water System <sup>(4)</sup>	11,815,000
<b>Total</b>	<b>51,463,000</b>

<sup>(1)</sup> Rounded Up to Nearest \$1,000.

<sup>(2)</sup> Includes County Mobility Impact Fees for 1,284 Residential Units.

<sup>(3)</sup> Includes Water connection Fees for 1,284 Residential Units.

<sup>(4)</sup> Includes Sewer connection Fees for 1,284 Residential Units.

Details of the estimates of costs may be found in the cost tables in the Appendix.

**IX. Engineer's Certification.**

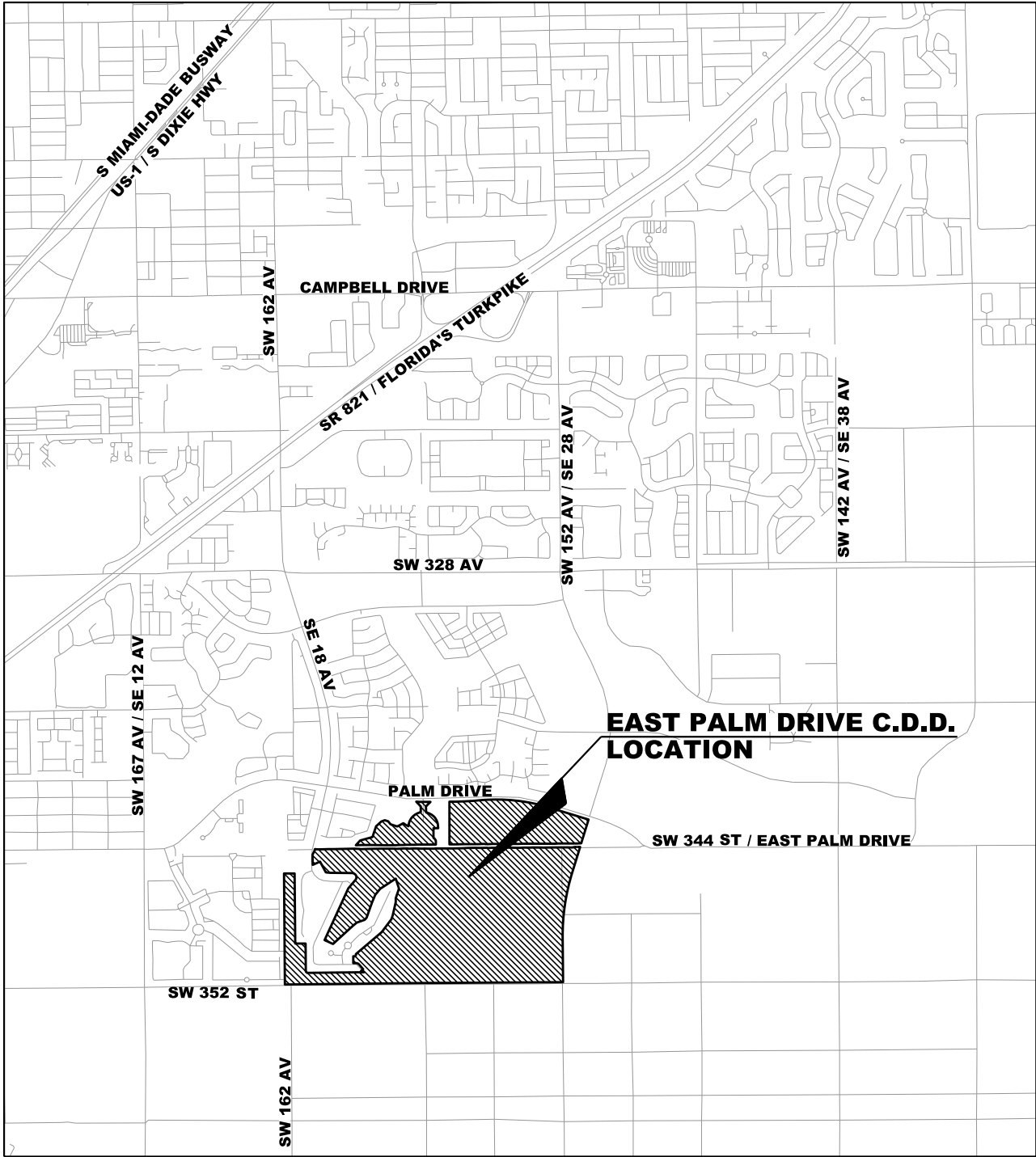
It is our opinion that the proposed improvements constituting the Public Infrastructure and their estimated costs are fair and reasonable, and that the landowners and residents living within the District will receive a direct and special benefit equal to or greater than the cost of such improvements, and that the general public will also receive incidental benefits. We believe that the improvements comprising the Public Infrastructure can be permitted, constructed, and installed at the costs described in this Report. The District will pay the actual cost or fair market value of the Public Infrastructure, whichever is less.

I hereby certify that the foregoing is a true and correct copy of the Engineer's Report for the East Palm Drive Community Development District.

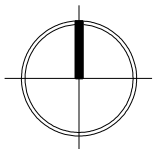
Juan R. Alvarez, PE  
 Florida Registration No. 38522  
 Alvarez Engineers, Inc.  
 May 17, 2024

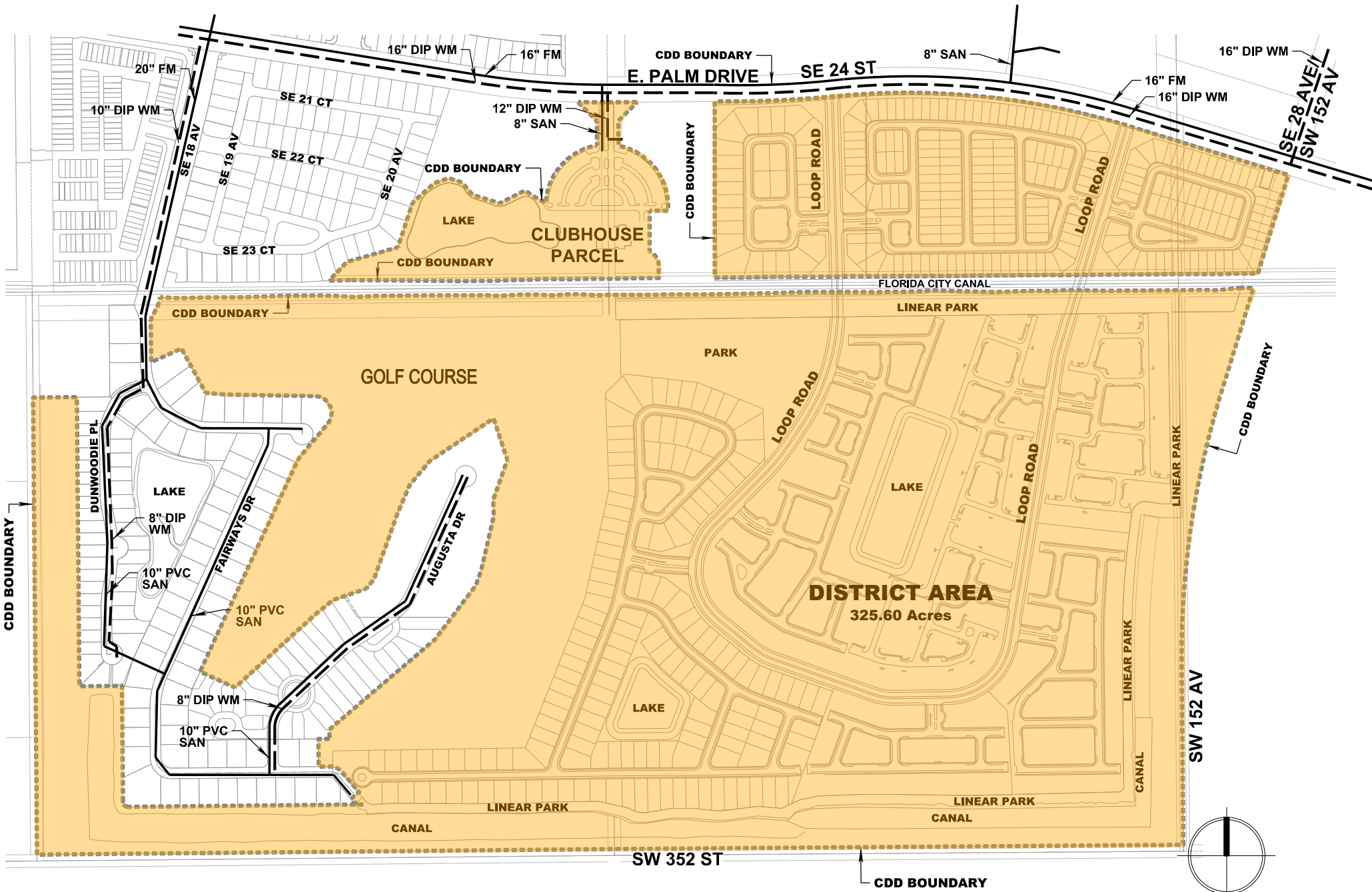


**APPENDIX**

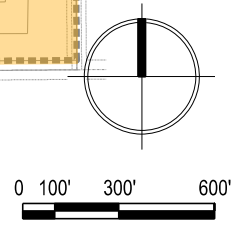


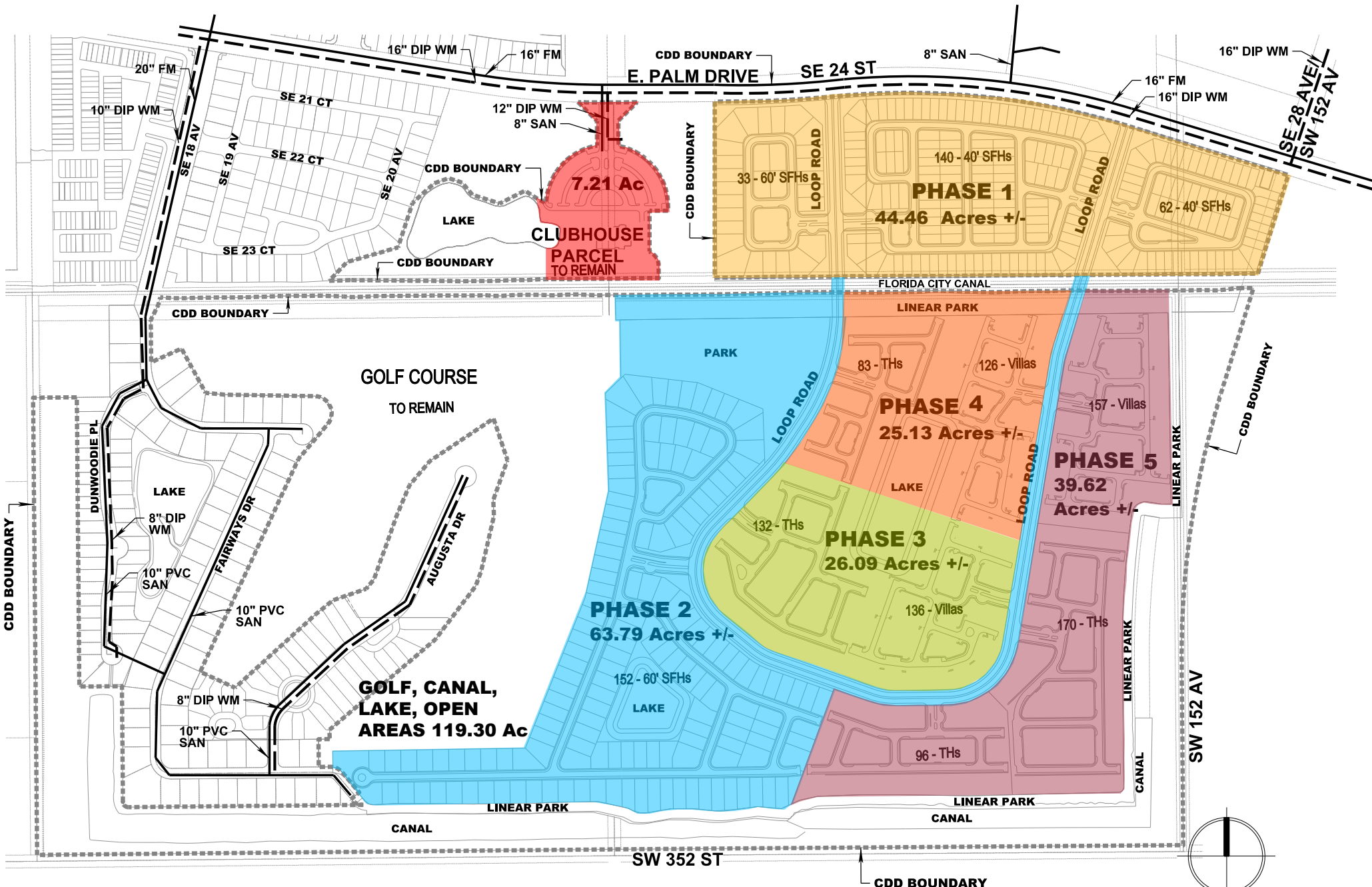
**ALVAREZ ENGINEERS, INC.**  
**EAST PALM DRIVE C.D.D.**  
**LOCATION MAP**





**ALVAREZ ENGINEERS, INC.**  
**EAST PALM DRIVE C.D.D.**  
**CDD BOUNDARY**

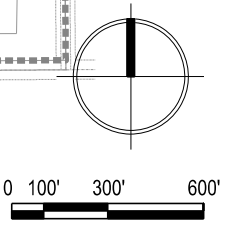




**ALVAREZ ENGINEERS, INC.**  
**EAST PALM DRIVE C.D.D.**  
**DISTRICT LAND COMPOSITION**

**DISTRICT AREA BREAKDOWN**

Residential Areas:	199.09 Acres +/-
Clubhouse Parcel:	7.21 Acres +/-
Golf Course, Canal R/W, Open Areas:	119.30 Acres +/-
<b>Total District Land:</b>	<b>325.60 Acres</b>



**East Palm Drive CDD  
Estimate of Construction Costs  
Summary**

Infrastructure Component <sup>(1)</sup>	CDD Earthwork	Offsite Water	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Total
Roadway Improvements <sup>(2)</sup>	\$ 3,750,000		\$ 3,486,000	\$ 3,108,000	\$ 2,411,000	\$ 1,943,000	\$ 3,803,000	\$ 18,501,000
Stormwater Management and Drainage			\$ 1,950,000	\$ 4,203,000	\$ 1,657,000	\$ 1,670,000	\$ 2,620,000	\$ 12,100,000
Water Distribution System <sup>(3)</sup>		\$ 385,000	\$ 1,979,000	\$ 2,132,000	\$ 1,271,000	\$ 1,267,000	\$ 2,013,000	\$ 9,047,000
Sanitary Collection System <sup>(4)</sup>			\$ 3,427,000	\$ 2,770,000	\$ 1,581,000	\$ 1,537,000	\$ 2,500,000	\$ 11,815,000
<b>TOTAL</b>	<b>\$ 3,750,000</b>	<b>\$ 385,000</b>	<b>\$ 10,842,000</b>	<b>\$ 12,213,000</b>	<b>\$ 6,920,000</b>	<b>\$ 6,417,000</b>	<b>\$ 10,936,000</b>	<b>\$ 51,463,000</b>

<sup>(1)</sup> All Costs Rounded Up to \$1K

<sup>(2)</sup> Includes County Mobility Fees for 1,284 Residential Units

<sup>(3)</sup> Includes Water Connection Fees for 1,284 Residential Units

<sup>(4)</sup> Includes Sewer Connection Fees for 1,284 Residential Units

East Palm Drive CDD									
Estimate of Construction Costs									
Earthwork - CDD Portion of Earthwork Entails the Loop Road and Entries up to the Gates									
Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>DEMOLITION</b>									
1	Sidewalk Removal	7,527	SY	2.50	10.47	89.53	1,969.94	16,847.56	18,817.50
<b>Sub-total Demolition</b>							<b>1,969.94</b>	<b>16,847.56</b>	<b>18,817.50</b>
<b>EARTHWORK: BLANKET FILL PHASES 1, 2 AND 3 LESS PARK IN PHASE 2 (Fill Material by Others)</b>									
1	Clearing & Grubbing (Nursery)	116	AC	4,000.00	10.47	89.53	48,574.61	415,425.39	464,000.00
2	Clearing & Grubbing (Heavy)	10	AC	7,200.00	10.47	89.53	7,537.44	64,462.56	72,000.00
3	Clearing & Grubbing (Canal Slope) Clearing Australian Pines Adjacent To Property Only	1	LS	50,000.00	10.47	89.53	5,234.33	44,765.67	50,000.00
4	Disc Site	185	AC	412.00	10.47	89.53	7,979.22	68,240.78	76,220.00
5	Silt Fence (No Maintenance) Includes Double Row Adjacent To Existing Canal	27,730	LF	1.96	10.47	89.53	5,689.80	48,661.00	54,350.80
6	Washed Rock Entrance	2	EA	3,610.00	100.00	-	7,220.00	-	7,220.00
7	Proof Roll Site	905,880	SY	0.11	10.47	89.53	10,431.69	89,215.11	99,646.80
8	Slope Lake Top of Bank	3,290	LF	5.93	100.00	-	19,509.70	-	19,509.70
9	Slope Top of Bank (Canal) / Wall Prep. Adjacent To Property Only	5,340	LF	5.93	100.00	-	31,666.20	-	31,666.20
10	Cut & Balance Site Balance Site To +4.22 NGVD	188,475	CY	1.55	10.47	89.53	30,582.77	261,553.48	292,136.25
11	Blending Site (1 Time) - Yellow Blending Yellow Areas One Time (12,295 SY)	12,295	SY	1.55	10.47	89.53	1,995.04	17,062.21	19,057.25
12	Blending Site (2 Time) - Orange Blending Orange Area Two Time (3,730 SY)	7,460	SY	1.55	10.47	89.53	1,210.49	10,352.51	11,563.00
13	Move Material After Blending Onsite Predicated On Moving 18" After Blending; Area (33,570 SF)(18")(One Layer)	1,865	CY	2.60	10.47	89.53	507.63	4,341.37	4,849.00
14	Over-Excavating & Stockpile (Source Removal) Over-Excavating Blue Area (940 SF) And Area [A] (134,460 SF) At A Depth Of 2'	10,075	CY	3.10	10.47	89.53	3,269.63	27,962.87	31,232.50
15	Hauling Away Hot Spot Material Hauling Away Material Hot Spot Material (10,075 CY)(1.33) = 13,400 TN	13,400	TN	40.00	10.47	89.53	56,112.05	479,887.95	536,000.00
16	Excavate & Stockpile (Onsite Lake) Excavating Lake Bottom To -25.00 NGVD Includes Excavating Existing Canal Crossing	180,915	CY	3.10	40.00	60.00	224,334.60	336,501.90	560,836.50
17	Load, Haul & Place (Onsite Lake)	180,915	CY	2.60	10.47	89.53	49,242.40	421,136.60	470,379.00
18	Excavate & Stockpile (Homestead Lake)	1,418,110	CY	2.27	40.00	60.00	1,287,643.88	1,931,465.82	3,219,109.70
19	Haul To Site (From Homestead Lake)	1,418,110	CY	3.65	10.47	89.53	541,868.73	4,634,232.77	5,176,101.50
20	Place At Site (Existing Lakes) Backfilling Existing Lake To Elevation +3.50 NGVD Partial Of Existing Lake At Park To Remain - Backfilling Not Included	198,490	CY	1.92	10.47	89.53	39,896.17	341,204.63	381,100.80
21	Place At Site (Entire Site) Blanket Fill Entire Site (Excluding Proposed Lakes) To Elevation +7.53 NGVD	1,219,620	CY	1.92	10.47	89.53	245,141.63	2,096,528.77	2,341,670.40
22	Turbidity Barrier Double Row At End Of Existing Canal	335	LF	45.00	10.47	89.53	1,578.15	13,496.85	15,075.00
23	Survey	1	LS	180,000	10.47	89.53	18,843.60	161,156.40	180,000.00
<b>Sub-total Earthwork</b>							<b>2,646,069.75</b>	<b>11,467,654.65</b>	<b>14,113,724.40</b>
<b>TOTAL ORIGINAL CONTRACT</b>							<b>2,648,039.69</b>	<b>11,484,502.21</b>	<b>14,132,541.90</b>

East Palm Drive CDD									
Estimate of Construction Costs									
Earthwork - CDD Portion of Earthwork Entails the Loop Road and Entries up to the Gates									
Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>CHANGE ORDERS</b>									
<b>CHANGE ORDER #1 (Earthwork)</b>									
1	Import Fill 1-29-2024 thru 1-31-2024 Yes 3 days (By Others)	27,266	TN	\$19.67	-	100.00	-	536,322.22	536,322.22
<b>Grand Total Change Order #1</b>							-	<b>536,322.22</b>	<b>536,322.22</b>
<b>CHANGE ORDER #2 (Earthwork)</b>									
1	Clearing and Grubbing	47	AC	\$0.00	10.47	89.53	-	-	-
2	Cut & Balance	1,040	CY	\$1.55	10.47	89.53	168.75	1,443.25	1,612.00
3	Excavate & Stockpile (Homestead Lake) (CDD Depth 10')	304,455	CY	\$2.27	40.00	60.00	276,445.14	414,667.71	691,112.85
4	Load, Haul to Site (From Homestead Lake)	304,455	CY	\$3.65	10.47	89.53	116,334.17	994,926.58	1,111,260.75
5	Place at Site (Phase 1)	304,455	CY	\$1.91	10.47	89.53	60,876.24	520,632.81	581,509.05
6	Miscellaneous Landscape Grading	905,345	SF	\$0.06	10.47	89.53	5,686.65	48,634.05	54,320.70
7	Laser Grade Building Pad @ +11.10 NGVD	813,675	SF	\$0.06	-	100.00	-	48,820.50	48,820.50
8	MOT & Traffic Control	1	LS	\$500.00	10.47	89.53	52.34	447.66	500.00
9	Survey	1	LS	\$128,000	10.47	89.53	13,399.89	114,600.11	128,000.00
<b>Grand Total Change Order #2 Earthwork Phase 1: Entire Site (predicated on Onsite Existing Elevation at +7.53 NGVD)</b>							<b>472,963.18</b>	<b>2,144,172.67</b>	<b>2,617,135.85</b>
<b>CHANGE ORDER #3 (Earthwork)</b>									
1	Clearing and Grubbing	68	AC	\$0.00	10.47	89.53	-	-	-
2	Excavate & Stockpile (Homestead Lake) (CDD Depth 10')	339,710	CY	\$2.27	40.00	60.00	308,456.68	462,685.02	771,141.70
3	Load, Haul to Site (From Homestead Lake)	339,710	CY	\$3.65	10.47	89.53	129,805.32	1,110,136.18	1,239,941.50
4	Place at Site (Phase 2)	339,710	CY	\$1.92	10.47	89.53	68,281.16	583,962.04	652,243.20
5	Miscellaneous Landscape Grading	1,380,545	SF	\$0.06	10.47	89.53	8,671.48	74,161.22	82,832.70
6	Laser Grade Building Pad @ +11.10 NGVD	1,000,830	SF	\$0.06	-	100.00	-	60,049.80	60,049.80
7	Survey	1	LS	\$225,850	10.47	89.53	23,643.48	202,206.52	225,850.00
<b>Grand Total Change Order #3 Earthwork Phase 2: Entire Site (predicated on Onsite Existing Elevation at +7.53 NGVD)</b>							<b>538,858.12</b>	<b>2,493,200.78</b>	<b>3,032,058.90</b>
<b>CHANGE ORDER #4 (Earthwork)</b>									
1	Clearing and Grubbing	25	AC	\$0.00	10.47	89.53	-	-	-
2	Proof Roll Site	90,505	SY	\$0.11	10.47	89.53	1,042.21	8,913.34	9,955.55
3	Excavate & Stockpile (Homestead Lake) (CDD Depth 10')	34,700	CY	\$2.27	40.00	60.00	31,507.60	47,261.40	78,769.00
4	Load, Haul to Site (From Homestead Lake)	34,700	CY	\$3.65	10.47	89.53	13,259.09	113,395.91	126,655.00
5	Place at Site (Phase 2)	34,700	CY	\$1.92	10.47	89.53	6,974.64	59,649.36	66,624.00
6	Import Fill (By Others)	148,590	TN	\$19.67	-	100.00	-	2,922,765.30	2,922,765.30
7	Miscellaneous Landscape Grading	406,635	SF	\$0.06	10.47	89.53	2,554.16	21,843.94	24,398.10
8	Laser Grade Building Pad @ 12" Below FFE	358,995	SF	\$0.06	-	100.00	-	21,539.70	21,539.70
9	MOT & Traffic Control	1	LS	\$2,500.00	10.47	89.53	261.72	2,238.28	2,500.00
10	Survey	1	LS	\$125,000	10.47	89.53	13,085.83	111,914.17	125,000.00
<b>Grand Total Change Order #4 Earthwork Phase 3: Entire Site (predicated on Onsite Existing Elevation at +7.53 NGVD)</b>							<b>68,685.25</b>	<b>3,309,521.40</b>	<b>3,378,206.65</b>
<b>CHANGE ORDER #5 (Earthwork)</b>									
1	Import Fill - From 2-1-24 thru 2-29-24 (By Others)	176,539	TN	\$19.67	-	100.00	-	3,472,525.67	3,472,525.67
<b>Grand Total Change Order #5 Earthwork</b>							-	<b>3,472,525.67</b>	<b>3,472,525.67</b>
<b>CHANGE ORDER #6 (Earthwork)</b>									
1	Over-Excavating & Stockpile (Source Removal)	1,489	CY	\$3.10	10.47	89.53	483.36	4,133.84	4,617.20
2	Hauling Away Hot Spot Material	1,981	TN	\$40.00	10.47	89.53	8,295.08	70,942.12	79,237.20
<b>Grand Total Change Order #6 Earthwork</b>							<b>8,778.44</b>	<b>75,075.96</b>	<b>83,854.40</b>
<b>CHANGE ORDER #7 (Earthwork)</b>									
1	Import Fill - From 3-1-24 thru 3-29-24 (By Others)	125,496	TN	\$19.67	-	100.00	-	2,468,506.32	2,468,506.32
<b>Grand Total Change Order #7 Earthwork (SDI)</b>							-	<b>2,468,506.32</b>	<b>2,468,506.32</b>

East Palm Drive CDD									
Estimate of Construction Costs									
Earthwork - CDD Portion of Earthwork Entails the Loop Road and Entries up to the Gates									
Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>CHANGE ORDER #8 (Earthwork)</b>									
1	Import Fill - From 3-11-24 thru 3-29-24 (By Others)	68,386	TN	\$21.48	-	100.00	-	1,468,931.28	1,468,931.28
<b>Grand Total Change Order #8 Earthwork (CEMEX)</b>							-	<b>1,468,931.28</b>	<b>1,468,931.28</b>
<b>CHANGE ORDER #11 (Earthwork)</b>									
1	Mobilization of 2nd Dragline	1	LS	\$120,000	10.47	89.53	12,562.40	107,437.60	120,000.00
<b>Grand Total Change Order #11 Earthwork</b>							<b>12,562.40</b>	<b>107,437.60</b>	<b>120,000.00</b>
<b>TOTAL CHANGE ORDERS</b>							<b>1,101,847.39</b>	<b>16,075,693.90</b>	<b>17,177,541.29</b>
<b>TOTAL ORIGINAL CONTRACT &amp; CHANGE ORDERS</b>							<b>3,749,887.07</b>	<b>27,560,196.12</b>	<b>31,310,083.19</b>

Summary of EAST PALM DRIVE CDD Estimated Construction Costs and Schedule of Construction (Earthwork)			
Item Description	Cost*	Begin	End
	(\$)	Quarter/Year	Quarter/Year
Roadway Improvements	3,750,000	Q4/2023	Q4/2024
Stormwater Management and Drainage	0		
Water Distribution System	0		
Sanitary Sewer System	0		
<b>Total</b>	<b>3,750,000</b>		



**East Palm Drive CDD**  
**Estimate of Construction Costs**  
**Offsite Water Main**

Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>WATER: CLEARING REMOVED FROM THIS SCOPE AND ADDED TO OVERALL EARTHWORK</b>									
1	Pipe Removal - Water (AC Pipe)	2,175	LF	33.50	100.00	-	72,862.50	-	72,862.50
2	12" DIP	1,170	LF	102.00	100.00	-	119,340.00	-	119,340.00
3	6" DIP	45	LF	55.00	100.00	-	2,475.00	-	2,475.00
4	Blueline Paint Water Main	1,215	LF	0.40	100.00	-	486.00	-	486.00
5	Pipe Bedding for Water Main	270	TN	29.75	100.00	-	8,032.50	-	8,032.50
6	Fire Hydrant w/ Mega Lug	2	EA	4,100.00	100.00	-	8,200.00	-	8,200.00
7	12" Gate Valve & Box w/ Mega Lug	1	EA	5,550.00	100.00	-	5,550.00	-	5,550.00
8	6" Gate Valve & Box w/ Mega Lug	2	EA	1,400.00	100.00	-	2,800.00	-	2,800.00
9	12" x 6" Tee w/ Mega Lug	2	EA	1,250.00	100.00	-	2,500.00	-	2,500.00
10	12" 90 Bend w/ Mega Lug	1	EA	1,050.00	100.00	-	1,050.00	-	1,050.00
11	12" 45 Bend w/ Mega Lug	1	EA	1,050.00	100.00	-	1,050.00	-	1,050.00
12	12" 45 Offset Bend w/ Mega Lug	8	EA	1,050.00	100.00	-	8,400.00	-	8,400.00
13	6" 45 Offset Bend w/ Mega Lug	8	EA	480.00	100.00	-	3,840.00	-	3,840.00
14	12" Cap Tap 2" w/ Mega Lug	2	EA	665.00	100.00	-	1,330.00	-	1,330.00
15	2" FVO Ass'y.	2	EA	1,250.00	100.00	-	2,500.00	-	2,500.00
16	12" Pipe Joint Restraint	58	EA	480.00	100.00	-	27,840.00	-	27,840.00
17	12" x 12" Tapping Sleeve & Valve Connecting To An Existing AC Water Main	1	EA	25,850.00	100.00	-	25,850.00	-	25,850.00
18	12" Fill & Flush Connection	1	EA	2,900.00	100.00	-	2,900.00	-	2,900.00
19	Air Release Valve Ass'y. (manual)	2	EA	3,250.00	100.00	-	6,500.00	-	6,500.00
20	Excavate, Cut & Plug	2	EA	850.00	100.00	-	1,700.00	-	1,700.00
21	Remove Existing Plug & Connect	1	EA	850.00	100.00	-	850.00	-	850.00
22	Sawcut Existing	2,430	LF	\$1.25	100.00	-	3,037.50	-	3,037.50
23	Steel Plate Rental	1	LS	\$1,890.00	100.00	-	1,890.00	-	1,890.00
24	Curb Restoration (100 LF)	1	LS	\$3,900.00	100.00	-	3,900.00	-	3,900.00
25	Base & Subgrade Restoration w/ CLR	520	SY	\$19.00	100.00	-	9,880.00	-	9,880.00
26	Pavement Restoration	520	SY	\$13.00	100.00	-	6,760.00	-	6,760.00
27	Milling Offsite	1	LS	\$3,900.00	100.00	-	3,900.00	-	3,900.00
28	Overlay 1" Offsite	1,280	SY	\$7.50	100.00	-	9,600.00	-	9,600.00
29	Pavement Marking Restoration	1	LS	\$2,500.00	100.00	-	2,500.00	-	2,500.00
30	Police	1	LS	\$12,000.00	100.00	-	12,000.00	-	12,000.00
31	Night Premium	1	LS	\$10,100.00	100.00	-	10,100.00	-	10,100.00
32	MOT & Traffic Control	1	LS	\$4,500.00	100.00	-	4,500.00	-	4,500.00
33	Survey	1	LS	\$10,000.00	100.00	-	10,000.00	-	10,000.00
<b>TOTAL ORIGINAL CONTRACT</b>							<b>384,123.50</b>	<b>-</b>	<b>384,123.50</b>

<b>Summary of EAST PALM DRIVE CDD Estimated Construction Costs and Schedule of Construction (Offsite Water Main)</b>			
Item Description	Cost*	Begin	End
	(\$)	Quarter/Year	Quarter/Year
Roadway Improvements	0		
Stormwater Management and Drainage	0		
Water Distribution System	385,000		
Sanitary Sewer System	0		
<b>Total</b>	<b>385,000</b>		

**East Palm Drive CDD  
Estimate of Construction Costs  
Phase 1 Work**

Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>PAVEMENT: ONSITE ASPHALT</b>									
1	12" Compacted Subgrade	30,575	SY	1.09	1.35	98.65	451.54	32,875.21	33,326.75
2	8" Rock Base	28,980	SY	11.65	1.35	98.65	4,574.36	333,042.64	337,617.00
3	3/4" Type S-III Asphalt (1st Lift)	27,470	SY	6.17	1.35	98.65	2,296.41	167,193.49	169,489.90
4	3/4" Type S-III Asphalt (2nd Lift)	27,470	SY	6.17	1.35	98.65	2,296.41	167,193.49	169,489.90
5	Survey	1	LS	18,850.00	1.35	98.65	255.40	18,594.60	18,850.00
<b>Sub-total Pavement</b>							<b>9,874.14</b>	<b>718,899.41</b>	<b>728,773.55</b>
<b>CONCRETE</b>									
1	2' Valley Gutter	15,340	LF	13.25	100.00	-	203,255.00	-	203,255.00
2	2' Type "F" Curb & Gutter	1,555	LF	13.25	100.00	-	20,603.75	-	20,603.75
3	6" x 12" Type "D" Curb	2,465	LF	10.50	100.00	-	25,882.50	-	25,882.50
4	Survey	1	LS	9,850.00	100.00	-	9,850.00	-	9,850.00
<b>Sub-total Concrete</b>							<b>259,591.25</b>	<b>-</b>	<b>259,591.25</b>
<b>SIGNS &amp; MARKINGS: ONSITE</b>									
1	R1-1	1	EA	196.00	-	100.00	-	196.00	196.00
2	R1-1 w/ (2) D3-1	25	EA	232.00	4.00	96.00	232.00	5,568.00	5,800.00
3	R1-1 w/ (2) D3-1 & R3-5R	2	EA	255.00	-	100.00	-	510.00	510.00
4	R4-7	1	EA	196.00	-	100.00	-	196.00	196.00
5	D3-1 w/ D3-1	11	EA	232.00	-	100.00	-	2,552.00	2,552.00
6	W1-1L w/ W13-1	10	EA	232.00	-	100.00	-	2,320.00	2,320.00
7	W1-1R w/ W13-1	11	EA	232.00	-	100.00	-	2,552.00	2,552.00
8	6" Double Yellow (P)	2,220	LF	1.20	-	100.00	-	2,664.00	2,664.00
9	6" White (P)	435	LF	0.80	20.00	80.00	69.60	278.40	348.00
10	12" White (P)	1,130	LF	1.55	-	100.00	-	1,751.50	1,751.50
11	18" Yellow (P)	45	LF	1.95	-	100.00	-	87.75	87.75
12	24" White (P)	455	LF	2.20	3.52	96.48	35.20	965.80	1,001.00
13	6" Double Yellow (T)	2,220	LF	1.66	-	100.00	-	3,685.20	3,685.20
14	6" White (T)	435	LF	1.10	20.00	80.00	95.70	382.80	478.50
15	12" White (T)	1,130	LF	2.50	-	100.00	-	2,825.00	2,825.00
16	18" Yellow (T)	45	LF	2.95	-	100.00	-	132.75	132.75
17	24" White (T)	455	LF	3.30	3.52	96.48	52.80	1,448.70	1,501.50
18	White Directional Arrow (T)	5	EA	69.00	-	100.00	-	345.00	345.00
19	Parallel Parking Stall (P)	20	EA	5.00	-	100.00	-	100.00	100.00
20	RPMs Amber / Amber	234	EA	6.00	-	100.00	-	1,404.00	1,404.00
21	RPMs Blue	20	EA	6.00	-	100.00	-	120.00	120.00
22	Survey	1	LS	2,440.00	2.00	98.00	48.80	2,391.20	2,440.00
<b>Grand Total Signs &amp; Markings</b>							<b>534.10</b>	<b>32,476.10</b>	<b>33,010.20</b>
<b>STORM DRAIN: ONSITE</b>									
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	4,785	LF	137.00	100.00	-	655,545.00	-	655,545.00
2	18" HDPE	1,330	LF	52.29	100.00	-	69,545.70	-	69,545.70
3	15" HDPE	1,280	LF	46.79	100.00	-	59,891.20	-	59,891.20
4	Pipe Bedding	515	TN	29.00	100.00	-	14,935.00	-	14,935.00
5	Catch Basin 48" Dia. w/ USF 4700-6223	8	EA	3,650.00	100.00	-	29,200.00	-	29,200.00
6	Valley Inlet 48" Dia w/ USF 5112-6143	3	EA	3,650.00	100.00	-	10,950.00	-	10,950.00
7	Valley Inlet 48" x 48" w/ USF 5112-6143	76	EA	3,650.00	100.00	-	277,400.00	-	277,400.00
8	Curb Inlet 48" Dia. w/ USF 5129-6176	11	EA	3,750.00	100.00	-	41,250.00	-	41,250.00

9	Storm Manhole 48" Dia. w/ USF 310	8	EA	3,700.00	100.00	-	29,600.00	-	29,600.00
10	Concrete Collar for Catch Basin	8	EA	385.00	100.00	-	3,080.00	-	3,080.00
11	PRB's for 18" FD (CMP) Per Sheet PD-6, Structure Table	5	EA	670.00	100.00	-	3,350.00	-	3,350.00
12	18" Endcap HDPE	101	EA	250.00	100.00	-	25,250.00	-	25,250.00
13	Filter Fabric in Grates	98	EA	25.00	100.00	-	2,450.00	-	2,450.00
14	Vacuum Structures For Derm Walk-Through	106	EA	275.00	100.00	-	29,150.00	-	29,150.00
15	Survey	1	LS	10,850.00	100.00	-	10,850.00	-	10,850.00
<b>Grand Total Storm Drain</b>							<b>1,262,446.90</b>	<b>-</b>	<b>1,262,446.90</b>
<b>WATER: ONSITE</b>									
1	8" DIP	9,545	LF	69.00	100.00	-	658,605.00	-	658,605.00
2	6" DIP	265	LF	55.00	100.00	-	14,575.00	-	14,575.00
3	Blue-line Paint Water Main	9,810	LF	0.40	100.00	-	3,924.00	-	3,924.00
4	Pipe Bedding for Water Main	2,175	TN	29.00	100.00	-	63,075.00	-	63,075.00
5	Fire Hydrant w/ Mega Lug	20	EA	4,400.00	100.00	-	88,000.00	-	88,000.00
6	8" Gate Valve & Box w/ Mega Lug	40	EA	2,650.00	100.00	-	106,000.00	-	106,000.00
7	6" Gate Valve & Box w/ Mega Lug	20	EA	2,100.00	100.00	-	42,000.00	-	42,000.00
8	8" x 8" Tee w/ Mega Lug	20	EA	1,450.00	100.00	-	29,000.00	-	29,000.00
9	8" x 6" Tee w/ Mega Lug	20	EA	1,250.00	100.00	-	25,000.00	-	25,000.00
10	8" 90 Bend w/ Mega Lug	1	EA	890.00	100.00	-	890.00	-	890.00
11	8" 45 Bend w/ Mega Lug	21	EA	890.00	100.00	-	18,690.00	-	18,690.00
12	8" 45 Offset Bend w/ Mega Lug ARV Not Shown, Not Included	38	EA	890.00	100.00	-	33,820.00	-	33,820.00
13	8" 22 Bend w/ Mega Lug	1	EA	890.00	100.00	-	890.00	-	890.00
14	8" 11 Bend w/ Mega Lug	4	EA	890.00	100.00	-	3,560.00	-	3,560.00
15	1" Double Water Service	104	EA	1,220.00	100.00	-	126,880.00	-	126,880.00
16	1" Single Water Service	25	EA	1,220.00	100.00	-	30,500.00	-	30,500.00
17	Wood Stakes	129	EA	11.00	100.00	-	1,419.00	-	1,419.00
18	8" Pipe Joint Restraint	144	EA	280.00	100.00	-	40,320.00	-	40,320.00
19	16" x 8" Tapping Sleeve & Valve	2	EA	18,850.00	100.00	-	37,700.00	-	37,700.00
20	8" Fill & Flush Connection	2	EA	1,850.00	100.00	-	3,700.00	-	3,700.00
21	HRS & Sample Points	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
22	Sawcut Existing	1	LS	515.00	100.00	-	515.00	-	515.00
23	Steel Plate Rental	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
24	Base & Subgrade Restoration w/ CLR	1	LS	3,250.00	100.00	-	3,250.00	-	3,250.00
25	Pavement Restoration	1	LS	3,250.00	100.00	-	3,250.00	-	3,250.00
26	MOT & Traffic Control	1	LS	4,500.00	100.00	-	4,500.00	-	4,500.00
27	Survey	1	LS	12,850.00	100.00	-	12,850.00	-	12,850.00
<b>Sub-total Water</b>							<b>1,356,693.00</b>	<b>-</b>	<b>1,356,693.00</b>
<b>SAN. SEWER: ONSITE</b>									
1	6" PVC SDR-26 DIP Sewer Lateral Crossing Not Included, Per Lennar	7,520	LF	27.50	100.00	-	206,800.00	-	206,800.00
2	8" DIP Epoxy Coated 0/6	40	LF	114.00	100.00	-	4,560.00	-	4,560.00
3	8" PVC SDR-26 0/6	3,515	LF	47.00	100.00	-	165,205.00	-	165,205.00
4	8" PVC SDR-26 6/8	2,151	LF	47.00	100.00	-	101,097.00	-	101,097.00
5	8" PVC SDR-26 8/10	1,216	LF	50.00	100.00	-	60,800.00	-	60,800.00
6	8" PVC SDR-26 10/12	965	LF	59.00	100.00	-	56,935.00	-	56,935.00
7	8" PVC SDR-26 12/14	333	LF	77.00	100.00	-	25,641.00	-	25,641.00
8	10" PVC SDR-26 8/10	253	LF	69.00	100.00	-	17,457.00	-	17,457.00
9	10" PVC SDR-26 12/14	32	LF	96.00	100.00	-	3,072.00	-	3,072.00
10	12" DIP Epoxy Coated 12/14	85	LF	185.00	100.00	-	15,725.00	-	15,725.00
11	Pipe Bedding for Sewer Laterals	1,080	TN	29.00	100.00	-	31,320.00	-	31,320.00
12	Manhole 0/6	32	EA	3,300.00	100.00	-	105,600.00	-	105,600.00
13	Manhole 6/8	6	EA	3,600.00	100.00	-	21,600.00	-	21,600.00
14	Manhole 8/10	8	EA	3,900.00	100.00	-	31,200.00	-	31,200.00
15	Manhole 10/12	2	EA	4,150.00	100.00	-	8,300.00	-	8,300.00
16	Manhole 12/14	3	EA	5,000.00	100.00	-	15,000.00	-	15,000.00
17	Shrink Wrap/ PPC	51	EA	620.00	100.00	-	31,620.00	-	31,620.00

18	6" Coupling PVC SDR-26	30	EA	200.00	100.00	-	6,000.00	-	6,000.00
19	8" Coupling PVC SDR-26	95	EA	240.00	100.00	-	22,800.00	-	22,800.00
20	8" Coupling DIP	1	EA	975.00	100.00	-	975.00	-	975.00
21	10" Coupling PVC SDR-26	4	EA	350.00	100.00	-	1,400.00	-	1,400.00
22	12" Coupling DIP	2	EA	2,050.00	100.00	-	4,100.00	-	4,100.00
23	6" Manhole Adaptor PVC SDR-26	30	EA	210.00	100.00	-	6,300.00	-	6,300.00
24	8" Manhole Adaptor PVC SDR-26	95	EA	260.00	100.00	-	24,700.00	-	24,700.00
25	8" Manhole Adaptor DIP	1	EA	1,050.00	100.00	-	1,050.00	-	1,050.00
26	10" Manhole Adaptor PVC SDR-26	4	EA	370.00	100.00	-	1,480.00	-	1,480.00
27	12" Manhole Adaptor DIP	2	EA	2,050.00	100.00	-	4,100.00	-	4,100.00
28	8" PVC SDR-26/ DIP Adaptor	3	EA	850.00	100.00	-	2,550.00	-	2,550.00
29	6" PVC SDR-26/ DIP Adaptor	1	EA	290.00	100.00	-	290.00	-	290.00
30	10" x 6" Wye PVC SDR-26	10	EA	550.00	100.00	-	5,500.00	-	5,500.00
31	8" x 6" Wye DIP	1	EA	1,860.00	100.00	-	1,860.00	-	1,860.00
32	8" x 6" Wye PVC SDR-26	192	EA	280.00	100.00	-	53,760.00	-	53,760.00
33	6" 45° Bend PVC SDR-26	582	EA	100.00	100.00	-	58,200.00	-	58,200.00
34	6" Cap PVC SDR-26	233	EA	54.00	100.00	-	12,582.00	-	12,582.00
35	6" Cleanout Ass'y. PVC SDR-26	233	EA	510.00	100.00	-	118,830.00	-	118,830.00
36	Rainstoppers	51	EA	90.00	100.00	-	4,590.00	-	4,590.00
37	Drop Connections	6	EA	1,945.00	100.00	-	11,670.00	-	11,670.00
38	Wood Stakes	233	EA	11.00	100.00	-	2,563.00	-	2,563.00
39	Trench Box	1	LS	34,275.00	100.00	-	34,275.00	-	34,275.00
40	Clean Sanitary Sewer (1 time only)	8,590	LF	1.55	100.00	-	13,314.50	-	13,314.50
41	Survey	1	LS	14,850.00	100.00	-	14,850.00	-	14,850.00
<b>Sub-total Sanitary Sewer</b>							<b>1,309,671.50</b>	<b>-</b>	<b>1,309,671.50</b>
<b>FORCE MAIN: ONSITE</b>									
1	6" DIP Epoxy	970	LF	91.50	100.00	-	88,755.00	-	88,755.00
2	Paint for Forcemain Pipe	970	LF	0.40	100.00	-	388.00	-	388.00
3	Pipe Bedding	215	TN	29.00	100.00	-	6,235.00	-	6,235.00
4	6" Check Valve w/ Mega Lug	1	EA	2,550.00	100.00	-	2,550.00	-	2,550.00
5	6" Plug Valve w/ Box w/ Mega Lug	2	EA	3,050.00	100.00	-	6,100.00	-	6,100.00
6	6" 90 Bend w/ Mega Lug	3	EA	1,150.00	100.00	-	3,450.00	-	3,450.00
7	6" 45 Bend w/ Mega Lug	4	EA	1,150.00	100.00	-	4,600.00	-	4,600.00
8	6" 45 Offset Bend w/ Mega Lug	6	EA	1,150.00	100.00	-	6,900.00	-	6,900.00
9	2" ARV Assembly	1	EA	6,850.00	100.00	-	6,850.00	-	6,850.00
10	6" Pipe Joint Restraint	7	EA	240.00	100.00	-	1,680.00	-	1,680.00
11	Flush Test	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
12	Survey	1	LS	1,655.00	100.00	-	1,655.00	-	1,655.00
<b>Grand Total Force Main Onsite</b>							<b>131,053.00</b>	<b>-</b>	<b>131,053.00</b>
<b>LIFT STATION: ONSITE</b>									
1	Lift Station w/ Generator	1	LS	750,000	100.00	-	750,000.00	-	750,000.00
<b>Grand Total Lift Station Onsite</b>							<b>750,000.00</b>	<b>-</b>	<b>750,000.00</b>
<b>PAVEMENT: ASPHALT - LOOP ROAD</b>									
1	12" Compacted Subgrade	9,625	SY	1.09	100.00	-	10,491.25	-	10,491.25
2	8" Rock Base	9,120	SY	11.65	100.00	-	106,248.00	-	106,248.00
3	3/4" Type S-III Asphalt (1st Lift)	8,645	SY	6.17	100.00	-	53,339.65	-	53,339.65
4	3/4" Type S-III Asphalt (2nd Lift)	8,645	SY	6.17	100.00	-	53,339.65	-	53,339.65
5	Survey	1	LS	5,850.00	100.00	-	5,850.00	-	5,850.00
<b>Grand Total Pavement Asphalt Loop Road</b>							<b>229,268.55</b>	<b>-</b>	<b>229,268.55</b>
<b>PAVEMENT: STABILIZED SUBGRADE (CANAL MAINTENANCE ACCESS) - LOOP ROAD</b>									
1	12" Compacted Subgrade Detail Not Provided	950	SY	1.09	100.00	-	1,035.50	-	1,035.50
2	Survey	1	LS	855.00	100.00	-	855.00	-	855.00
<b>Grand Total Pavement Asphalt Loop Road</b>							<b>1,890.50</b>	<b>-</b>	<b>1,890.50</b>

CONCRETE: LOOP ROAD									
1	4" Concrete Sidewalk (Non-reinforced)	14,815	SF	3.61	100.00	-	53,482.15	-	53,482.15
2	6" Concrete Sidewalk (Non-reinforced)	2,530	SF	4.61	100.00	-	11,663.30	-	11,663.30
3	At Canal Maintenance Access 2' Valley Gutter	435	LF	13.25	100.00	-	5,763.75	-	5,763.75
4	2' Type "F" Curb & Gutter	2,415	LF	13.25	100.00	-	31,998.75	-	31,998.75
5	6" x 12" Type "D" Curb	2,535	LF	10.50	100.00	-	26,617.50	-	26,617.50
6	Pedestrian Ramp	8	EA	310.00	100.00	-	2,480.00	-	2,480.00
7	Survey	1	LS	10,850.00	100.00	-	10,850.00	-	10,850.00
<b>Grand Total Concrete Loop Road</b>							<b>142,855.45</b>	<b>-</b>	<b>142,855.45</b>
SIGNS & MARKINGS: LOOP ROAD									
1	R1-1 w/ (2) D3-1	2	EA	232.00	100.00	-	464.00	-	464.00
2	6" White 10' - 30' Skip (P)	2,990	LF	0.80	100.00	-	2,392.00	-	2,392.00
3	6" Double Yellow (P)	155	LF	1.20	100.00	-	186.00	-	186.00
4	6" White (P) White/ Yellow Edge Line Along Curb Not Shown, Not Included	150	LF	0.80	100.00	-	120.00	-	120.00
5	12" White (P)	745	LF	1.55	100.00	-	1,154.75	-	1,154.75
6	24" White (P)	50	LF	2.20	100.00	-	110.00	-	110.00
7	6" White 10' - 30' Skip (T)	2,990	LF	1.10	100.00	-	3,289.00	-	3,289.00
8	6" Double Yellow (T)	155	LF	1.66	100.00	-	257.30	-	257.30
9	6" White (T)	150	LF	1.10	100.00	-	165.00	-	165.00
10	12" White (T)	745	LF	2.50	100.00	-	1,862.50	-	1,862.50
11	24" White (T)	50	LF	3.30	100.00	-	165.00	-	165.00
12	White Directional Arrow (T)	2	EA	69.00	100.00	-	138.00	-	138.00
13	RPMs Colorless / Red	74	EA	6.00	100.00	-	444.00	-	444.00
14	RPMs Blue	4	EA	6.00	100.00	-	24.00	-	24.00
15	Survey	1	LS	1,655.00	100.00	-	1,655.00	-	1,655.00
<b>Grand Total Signs &amp; Markings Loop Road</b>							<b>12,426.55</b>	<b>-</b>	<b>12,426.55</b>
STORM DRAIN: LOOP ROAD									
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	420	LF	137.00	100.00	-	57,540.00	-	57,540.00
2	18" HDPE	105	LF	52.29	100.00	-	5,490.45	-	5,490.45
3	Pipe Bedding	20	TN	29.00	100.00	-	580.00	-	580.00
4	Valley Inlet 48" x 48" w/ USF 5112-6143	3	EA	3,650.00	100.00	-	10,950.00	-	10,950.00
5	Catch Basin 48" Dia. w/ P-6 Inlet & Throat	13	EA	5,500.00	100.00	-	71,500.00	-	71,500.00
6	18" Endcap HDPE	16	EA	250.00	100.00	-	4,000.00	-	4,000.00
7	Filter Fabric in Grates	16	EA	25.00	100.00	-	400.00	-	400.00
8	Vacuum Structures For Derm Walk-Through	16	EA	275.00	100.00	-	4,400.00	-	4,400.00
9	Survey	1	LS	855.00	100.00	-	855.00	-	855.00
<b>Grand Total Storm Drain Loop Road</b>							<b>155,715.45</b>	<b>-</b>	<b>155,715.45</b>
WATER: LOOP ROAD									
1	12" DIP	1,790	LF	102.00	100.00	-	182,580.00	-	182,580.00
2	8" DIP	155	LF	69.00	100.00	-	10,695.00	-	10,695.00
3	6" DIP	55	LF	55.00	100.00	-	3,025.00	-	3,025.00
4	Blue Line Paint Water Main	2,000	LF	0.40	100.00	-	800.00	-	800.00
5	Pipe Bedding for Water Main	445	TN	29.00	100.00	-	12,905.00	-	12,905.00
6	Fire Hydrant w/ Mega Lug	4	EA	4,200.00	100.00	-	16,800.00	-	16,800.00
7	12" Gate Valve & Box w/ Mega Lug	4	EA	5,550.00	100.00	-	22,200.00	-	22,200.00
8	8" Gate Valve & Box w/ Mega Lug	4	EA	2,650.00	100.00	-	10,600.00	-	10,600.00
9	6" Gate Valve & Box w/ Mega Lug	4	EA	2,100.00	100.00	-	8,400.00	-	8,400.00
10	12" x 8" Cross w/ Mega Lug	2	EA	1,950.00	100.00	-	3,900.00	-	3,900.00
11	12" x 6" Tee w/ Mega Lug	4	EA	1,250.00	100.00	-	5,000.00	-	5,000.00
12	12" 45 Offset Bend w/ Mega Lug ARV Not Shown, Not Included	8	EA	1,050.00	100.00	-	8,400.00	-	8,400.00

13	8" 45 Offset Bend w/ Mega Lug ARV Not Shown, Not Included	4	EA	890.00	100.00	-	3,560.00	-	3,560.00
14	12" Cap Tap 2" w/ Mega Lug	2	EA	650.00	100.00	-	1,300.00	-	1,300.00
15	2" FVO Ass'y.	2	EA	1,250.00	100.00	-	2,500.00	-	2,500.00
16	12" Pipe Joint Restraint	42	EA	480.00	100.00	-	20,160.00	-	20,160.00
17	8" Pipe Joint Restraint	8	EA	280.00	100.00	-	2,240.00	-	2,240.00
18	16" x 12" Tapping Sleeve & Valve	2	EA	20,850.00	100.00	-	41,700.00	-	41,700.00
19	12" Fill & Flush Connection	2	EA	2,900.00	100.00	-	5,800.00	-	5,800.00
20	HRS & Sample Points	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
21	Sawcut Existing	1	LS	515.00	100.00	-	515.00	-	515.00
22	Steel Plate Rental	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
23	Base & Subgrade Restoration w/ CLR	1	LS	3,250.00	100.00	-	3,250.00	-	3,250.00
24	Pavement Restoration	1	LS	3,250.00	100.00	-	3,250.00	-	3,250.00
25	MOT & Traffic Control	1	LS	3,500.00	100.00	-	3,500.00	-	3,500.00
26	Survey	1	LS	2,440.00	100.00	-	2,440.00	-	2,440.00
<b>Sub-total Water Loop Road</b>							<b>379,300.00</b>	<b>-</b>	<b>379,300.00</b>
<b>FORCE MAIN: LOOP ROAD</b>									
1	8" DIP Epoxy	840	LF	105.00	100.00	-	88,200.00	-	88,200.00
2	Paint for Forcemain Pipe	840	LF	0.40	100.00	-	336.00	-	336.00
3	Pipe Bedding	185	TN	29.00	100.00	-	5,365.00	-	5,365.00
4	8" Check Valve w/ Mega Lug	1	EA	3,850.00	100.00	-	3,850.00	-	3,850.00
5	8" Plug Valve w/ Box w/ Mega Lug	1	EA	3,450.00	100.00	-	3,450.00	-	3,450.00
6	8" Plug w/ Mega Lug	1	EA	850.00	100.00	-	850.00	-	850.00
7	8" x 6" Tee w/ Mega Lug	1	EA	1,450.00	100.00	-	1,450.00	-	1,450.00
8	2" ARV Assembly	1	EA	6,850.00	100.00	-	6,850.00	-	6,850.00
9	Flush Test	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
10	Survey	1	LS	855.00	100.00	-	855.00	-	855.00
<b>Grand Total Force Main Loop Road</b>							<b>113,096.00</b>	<b>-</b>	<b>113,096.00</b>
<b>PAVEMENT: ASPHALT - OFFSITE (PALM DRIVE)</b>									
1	12" Compacted Subgrade	1,315	SY	1.09	100.00	-	1,433.35	-	1,433.35
2	8" Rock Base	1,245	SY	11.65	100.00	-	14,504.25	-	14,504.25
3	3/4" Type S-III Asphalt (1st Lift)	1,180	SY	6.17	100.00	-	7,280.60	-	7,280.60
4	3/4" Type S-III Asphalt (2nd Lift)	1,180	SY	6.17	100.00	-	7,280.60	-	7,280.60
5	MOT & Traffic Control	1	LS	500.00	100.00	-	500.00	-	500.00
6	Survey	1	LS	650.00	100.00	-	650.00	-	650.00
<b>Grand Total Pavement Palm Drive</b>							<b>31,648.80</b>	<b>-</b>	<b>31,648.80</b>
<b>CONCRETE: OFFSITE (PALM DRIVE)</b>									
1	4" Concrete Sidewalk (Non-reinforced)	1,100	SF	3.61	100.00	-	3,971.00	-	3,971.00
2	2' Type "F" Curb & Gutter	2,600	LF	13.25	100.00	-	34,450.00	-	34,450.00
3	Pedestrian Ramp	8	EA	310.00	100.00	-	2,480.00	-	2,480.00
4	MOT & Traffic Control	1	LS	1,000.00	100.00	-	1,000.00	-	1,000.00
5	Survey	1	LS	2,440.00	100.00	-	2,440.00	-	2,440.00
<b>Grand Total Concrete Palm Drive</b>							<b>44,341.00</b>	<b>-</b>	<b>44,341.00</b>
<b>SIGNS &amp; MARKINGS: OFFSITE (PALM DRIVE)</b>									
1	R3-1	2	EA	196.00	100.00	-	392.00	-	392.00
2	R5-1	2	EA	196.00	100.00	-	392.00	-	392.00
3	6" White (P)	810	LF	0.80	100.00	-	648.00	-	648.00
4	12" White (P)	410	LF	1.55	100.00	-	635.50	-	635.50
5	6" White (T)	810	LF	1.10	100.00	-	891.00	-	891.00
6	12" White (T)	410	LF	2.50	100.00	-	1,025.00	-	1,025.00
7	White Directional Arrow (T)	6	EA	69.00	100.00	-	414.00	-	414.00
8	MOT & Traffic Control	1	LS	500.00	100.00	-	500.00	-	500.00
9	Survey	1	LS	500.00	100.00	-	500.00	-	500.00
<b>Grand Total Signs &amp; Markings Palm Drive</b>							<b>5,397.50</b>	<b>-</b>	<b>5,397.50</b>

STORM DRAIN: OFFSITE (PALM DRIVE)									
1	24" French Drain w/ P-PP (4' x 15' Trench)	335	LF	172.00	100.00	-	57,620.00	-	57,620.00
2	24" PP	30	LF	80.00	100.00	-	2,400.00	-	2,400.00
3	Pipe Bedding	5	TN	29.00	100.00	-	145.00	-	145.00
4	Catch Basin 48" Dia. w/ P-6 Inlet & Throat	3	EA	5,050.00	100.00	-	15,150.00	-	15,150.00
5	24" Endcap PP	1	EA	275.00	100.00	-	275.00	-	275.00
6	Remove Existing Top Slab	1	EA	400.00	100.00	-	400.00	-	400.00
7	Install New Top Slab w/ Rim & Cover	1	EA	800.00	100.00	-	800.00	-	800.00
8	Filter Fabric in Grates	3	EA	25.00	100.00	-	75.00	-	75.00
9	Filter Fabric in Existing Grates	3	EA	25.00	100.00	-	75.00	-	75.00
10	Vacuum Structures For Derm Walk-Through	3	EA	275.00	100.00	-	825.00	-	825.00
11	Vacuum Existing Structures at Final	4	EA	275.00	100.00	-	1,100.00	-	1,100.00
12	Steel Plate Rental	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
13	Sawcut Existing	1	LS	515.00	100.00	-	515.00	-	515.00
14	Remove & Replace Exist. Sidewalk	1	LS	1,900.00	100.00	-	1,900.00	-	1,900.00
15	Base & Subgrade Restoration w/ CLR	1	LS	3,500.00	100.00	-	3,500.00	-	3,500.00
16	Pavement Restoration	1	LS	3,500.00	100.00	-	3,500.00	-	3,500.00
17	Police	1	LS	2,400.00	100.00	-	2,400.00	-	2,400.00
18	MOT & Traffic Control	1	LS	1,500.00	100.00	-	1,500.00	-	1,500.00
19	Survey	1	LS	855.00	100.00	-	855.00	-	855.00
<b>Grand Total Storm Drain Offsite Palm Drive</b>							<b>94,925.00</b>	<b>-</b>	<b>94,925.00</b>
FORCE MAIN: OFFSITE (PALM DRIVE)									
1	8" DIP Epoxy	3,050	LF	105.00	100.00	-	320,250.00	-	320,250.00
2	Paint for Forcemain Pipe	3,050	LF	0.40	100.00	-	1,220.00	-	1,220.00
3	Pipe Bedding	680	TN	29.00	100.00	-	19,720.00	-	19,720.00
4	Dump Truck	4	WK	6,500.00	100.00	-	26,000.00	-	26,000.00
5	8" Check Valve w/ Mega Lug	1	EA	3,850.00	100.00	-	3,850.00	-	3,850.00
6	8" 90 Bend w/ Mega Lug	1	EA	1,450.00	100.00	-	1,450.00	-	1,450.00
7	8" 45 Bend w/ Mega Lug	2	EA	1,450.00	100.00	-	2,900.00	-	2,900.00
8	8" 45 Offset Bend w/ Mega Lug	6	EA	1,450.00	100.00	-	8,700.00	-	8,700.00
9	20" x 8" Tapping Sleeve & Valve	1	EA	18,850.00	100.00	-	18,850.00	-	18,850.00
10	8" Pipe Joint Restraint	7	EA	280.00	100.00	-	1,960.00	-	1,960.00
11	Flush Test	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
12	Steel Plate Rental	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
13	Sawcut Existing	6,070	LF	1.10	100.00	-	6,677.00	-	6,677.00
14	Pavement Restoration (4' Wide)	1,350	SY	19.00	100.00	-	25,650.00	-	25,650.00
15	Subgrade & Base Restoration w/ CLR (4' Wide)	1,350	SY	13.00	100.00	-	17,550.00	-	17,550.00
16	1" Milling Existing Asphalt Includes The Palm Drive & SE 162nd Avenue Intersection (1,975 SY)	5,530	SY	2.55	100.00	-	14,101.50	-	14,101.50
17	1" Type S-III Asphalt Overlay	5,530	SY	7.50	100.00	-	41,475.00	-	41,475.00
18	Pavement Marking Restoration	1	LS	6,500.00	100.00	-	6,500.00	-	6,500.00
19	Traffic Loop Restoration	11	EA	2,500.00	100.00	-	27,500.00	-	27,500.00
20	MOT & Traffic Control	1	LS	5,500.00	100.00	-	5,500.00	-	5,500.00
21	Survey	1	LS	6,628.55	100.00	-	6,628.55	-	6,628.55
<b>Grand Total Force Main Offsite Palm Drive</b>							<b>560,262.05</b>	<b>-</b>	<b>560,262.05</b>
<b>TOTAL ORIGINAL CONTRACT</b>							<b>6,850,990.74</b>	<b>751,375.51</b>	<b>7,602,366.25</b>
CHANGE ORDERS									
CHANGE ORDER #1									
1	Punch Crew	3	DY	2,850.00	100.00	-	8,550.00	-	8,550.00
2	Grout Existing Manhole	1	LS	1,500.00	100.00	-	1,500.00	-	1,500.00
3	Grout	15	CY	375.00	100.00	-	5,625.00	-	5,625.00

4	Remove & Dispose Existing Manhole	1	EA	675.00	100.00	-	675.00	-	675.00
5	Excavate, Cut & Cap	1	EA	4,500.00	100.00	-	4,500.00	-	4,500.00
<b>Grand Total Change Order #1</b>							<b>20,850.00</b>	<b>-</b>	<b>20,850.00</b>
<b>TOTAL ORIGINAL CONTRACT &amp; CHANGE ORDERS</b>							<b>6,871,840.74</b>	<b>751,375.51</b>	<b>7,623,216.25</b>

<b>OTHER COSTS (PHASE 1)</b>									
1	Soft Cost and Contingency	10%	%	7,623,216	90.14	9.86	687,184.08	75,137.55	762,321.63
2	Entry Features	4	EA	100,000	100.00		400,000.00	-	400,000.00
3	Water Conn. Fee (235 Single Family Homes @ 210 GPD for < 3,100 \$	49,350	GPD	1.39	100.00		68,596.50	-	68,596.50
4	Sewer Conn Fees (235 Single Family Homes @ 210 GPD for < 3,100	49,350	GPD	5.60	100.00		276,360.00	-	276,360.00
5	Mobility Impact Fees for (235 Single Family Units Per MDC 12/2023 -	235	EA	10,625.00	100.00		2,496,875.00	-	2,496,875.00
<b>Sub-total Other Costs</b>							<b>3,929,015.58</b>	<b>75,137.55</b>	<b>4,004,153.13</b>
<b>GRAND TOTAL</b>							<b>10,800,856.31</b>	<b>826,513.07</b>	<b>11,627,369.38</b>

<b>Summary of EAST PALM DRIVE CDD Estimated Construction Costs and Schedule of Construction (PHASE 1)</b>			
Item Description	Cost*	Begin	End
	(\$)	Quarter/Year	Quarter/Year
Roadway Improvements Including Miami-Dade Mobility Impact Fees for 235 Single Family Homes	3,486,000	Q3/2024	Q4/2024
Stormwater Management and Drainage	1,950,000	Q1/2024	Q4/2024
Water Distribution System, Including Water Connection Fees for 235 Single Family Homes	1,979,000	Q1/2024	Q4/2024
Sanitary Sewer System, Including Connection Fees for 235 Single Family Homes	3,427,000	Q1/2024	Q4/2024
<b>Total</b>	<b>10,842,000</b>		



**East Palm Drive CDD  
Estimate of Construction Costs  
Phase 2 Work**

Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>PAVEMENT: ASPHALT</b>									
1	12" Compacted Subgrade	23,930	SY	1.09	0.75	99.25	195.39	25,888.31	26,083.70
2	8" Rock Base	22,685	SY	11.65	0.75	99.25	1,979.68	262,300.57	264,280.25
3	3/4" Type S-III Asphalt (1st Lift)	21,500	SY	6.17	0.75	99.25	993.70	131,661.30	132,655.00
4	3/4" Type S-III Asphalt (2nd Lift)	21,500	SY	6.17	0.75	99.25	993.70	131,661.30	132,655.00
5	Survey	1	LS	12,850.00	0.75	99.25	96.26	12,753.74	12,850.00
<b>Sub-total Pavement</b>							<b>4,258.72</b>	<b>564,265.23</b>	<b>568,523.95</b>
<b>GUARDRAIL: ONSITE</b>									
1	Guardrail (straight)	50	LF	45.95	-	100.00	-	2,297.50	2,297.50
2	Round Buffer End Sections	4	EA	350.00	-	100.00	-	1,400.00	1,400.00
3	Survey	1	LS	100.00	-	100.00	-	100.00	100.00
<b>Sub-total Guardrail</b>							<b>-</b>	<b>3,797.50</b>	<b>3,797.50</b>
<b>CONCRETE: ONSITE</b>									
1	2' Valley Gutter	13,285	LF	13.25	100.00	-	176,026.25	-	176,026.25
2	2' Type "F" Curb & Gutter	695	LF	13.25	100.00	-	9,208.75	-	9,208.75
3	6" x 12" Type "D" Curb	945	LF	10.50	100.00	-	9,922.50	-	9,922.50
4	Survey	1	LS	7,580.00	100.00	-	7,580.00	-	7,580.00
<b>Sub-total Concrete</b>							<b>202,737.50</b>	<b>-</b>	<b>202,737.50</b>
<b>SIGNS &amp; MARKINGS: ONSITE</b>									
1	R1-1 w/ (2) D3-1	13	EA	232.00	7.69	92.31	232.00	2,784.00	3,016.00
2	R5-1	1	EA	196.00	-	100.00	-	196.00	196.00
3	R11-11 (Residents)	1	EA	196.00	-	100.00	-	196.00	196.00
4	R11-11 (Visitors)	1	EA	196.00	-	100.00	-	196.00	196.00
5	D3-1 w/ D3-1	4	EA	232.00	-	100.00	-	928.00	928.00
6	W1-1L w/ W13-1	2	EA	232.00	-	100.00	-	464.00	464.00
7	W1-1R w/ W13-1	2	EA	232.00	-	100.00	-	464.00	464.00
8	W14-2	3	EA	196.00	-	100.00	-	588.00	588.00
9	OM-1 w/ Red Reflectors	6	EA	196.00	-	100.00	-	1,176.00	1,176.00
10	6" Double Yellow (P)	1,140	LF	1.20	-	100.00	-	1,368.00	1,368.00
11	6" White (P)	930	LF	0.80	21.51	78.49	160.00	584.00	744.00
12	6" Yellow (P)	530	LF	0.80	-	100.00	-	424.00	424.00
13	12" White (P)	1,170	LF	1.55	-	100.00	-	1,813.50	1,813.50
14	18" White (P)	10	LF	1.95	-	100.00	-	19.50	19.50
15	24" White (P)	240	LF	2.20	-	100.00	-	528.00	528.00
16	6" Double Yellow (T)	1,140	LF	1.66	-	100.00	-	1,892.40	1,892.40
17	6" White (T)	930	LF	1.10	21.51	78.49	220.00	803.00	1,023.00
18	6" Yellow (T)	530	LF	1.10	-	100.00	-	583.00	583.00
19	12" White (T)	1,170	LF	2.50	-	100.00	-	2,925.00	2,925.00
20	18" White (T)	10	LF	2.95	-	100.00	-	29.50	29.50
21	24" White (T)	240	LF	3.30	6.67	93.33	52.80	739.20	792.00
22	White Directional Arrow (T)	5	EA	69.00	-	100.00	-	345.00	345.00
23	Parallel Parking Stall (P)	6	EA	5.00	-	100.00	-	30.00	30.00
24	RPMS Amber / Amber	118	EA	6.00	-	100.00	-	708.00	708.00
25	RPMS Blue	16	EA	6.00	-	100.00	-	96.00	96.00
26	Survey	1	LS	1,655.00	2.00	98.00	33.10	1,621.90	1,655.00
<b>Grand Total Signs &amp; Markings</b>							<b>697.90</b>	<b>21,502.00</b>	<b>22,199.90</b>

STORM DRAIN: ONSITE									
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	4,420	LF	137.00	100.00	-	605,540.00	-	605,540.00
2	24" HDPE	410	LF	78.00	100.00	-	31,980.00	-	31,980.00
3	18" HDPE	2,650	LF	52.29	100.00	-	138,568.50	-	138,568.50
4	15" HDPE	415	LF	46.79	100.00	-	19,417.85	-	19,417.85
5	Pipe Bedding	705	TN	29.00	100.00	-	20,445.00	-	20,445.00
6	Catch Basin "D-3" w/ USF 4700-6223	5	EA	3,450.00	100.00	-	17,250.00	-	17,250.00
7	Valley Inlet 48" Dia w/ USF 5112-6143	3	EA	3,650.00	100.00	-	10,950.00	-	10,950.00
8	Valley Inlet 48" x 48" w/ USF 5112-6143	40	EA	3,650.00	100.00	-	146,000.00	-	146,000.00
9	Valley Inlet 60" x 60" w/ USF 5112-6143	17	EA	5,250.00	100.00	-	89,250.00	-	89,250.00
10	Curb Inlet 48" Dia. w/ USF 5129-6176	2	EA	3,750.00	100.00	-	7,500.00	-	7,500.00
11	Storm Manhole 48" Dia. w/ USF 310	2	EA	3,700.00	100.00	-	7,400.00	-	7,400.00
12	Storm Manhole 48" x 48" w/ USF 310	2	EA	3,700.00	100.00	-	7,400.00	-	7,400.00
13	Storm Manhole 60" x 60" w/ USF 310	1	EA	5,000.00	100.00	-	5,000.00	-	5,000.00
14	Control Structure 48" x 72" w/ (2) USF 310	2	EA	7,250.00	100.00	-	14,500.00	-	14,500.00
15	Concrete Collar for Catch Basin	5	EA	385.00	100.00	-	1,925.00	-	1,925.00
16	18" Endcap HDPE	79	EA	250.00	100.00	-	19,750.00	-	19,750.00
17	Concrete Endwall for 24" HDPE Outfall	2	EA	3,600.00	100.00	-	7,200.00	-	7,200.00
18	Filter Fabric in Grates	67	EA	25.00	100.00	-	1,675.00	-	1,675.00
19	Vacuum Structures For Derm Walk-Through	74	EA	275.00	100.00	-	20,350.00	-	20,350.00
20	Survey	1	LS	9,850.00	100.00	-	9,850.00	-	9,850.00
<b>Grand Total Storm Drain</b>							<b>1,181,951.35</b>	<b>-</b>	<b>1,181,951.35</b>
WATER: ONSITE									
1	8" DIP	7,640	LF	69.00	100.00	-	527,160.00	-	527,160.00
2	6" DIP	250	LF	55.00	100.00	-	13,750.00	-	13,750.00
3	BlueLine Paint Water Main	7,890	LF	0.40	100.00	-	3,156.00	-	3,156.00
4	Pipe Bedding for Water Main	1,750	TN	29.00	100.00	-	50,750.00	-	50,750.00
5	Fire Hydrant w/ Mega Lug	16	EA	4,400.00	100.00	-	70,400.00	-	70,400.00
6	8" Gate Valve & Box w/ Mega Lug	22	EA	2,650.00	100.00	-	58,300.00	-	58,300.00
7	6" Gate Valve & Box w/ Mega Lug	16	EA	2,100.00	100.00	-	33,600.00	-	33,600.00
8	8" x 8" Tee w/ Mega Lug	11	EA	1,450.00	100.00	-	15,950.00	-	15,950.00
9	8" x 6" Tee w/ Mega Lug	16	EA	1,250.00	100.00	-	20,000.00	-	20,000.00
10	8" 90 Bend w/ Mega Lug	1	EA	890.00	100.00	-	890.00	-	890.00
11	8" 45 Bend w/ Mega Lug	6	EA	890.00	100.00	-	5,340.00	-	5,340.00
12	8" 22 Bend w/ Mega Lug	7	EA	890.00	100.00	-	6,230.00	-	6,230.00
13	8" 11 Bend w/ Mega Lug	9	EA	890.00	100.00	-	8,010.00	-	8,010.00
14	2" FVO Ass'y.	1	EA	1,250.00	100.00	-	1,250.00	-	1,250.00
15	1" Double Water Service	63	EA	1,220.00	100.00	-	76,860.00	-	76,860.00
16	1" Single Water Service	28	EA	1,220.00	100.00	-	34,160.00	-	34,160.00
17	Wood Stakes	91	EA	11.00	100.00	-	1,001.00	-	1,001.00
18	8" Pipe Joint Restraint	100	EA	280.00	100.00	-	28,000.00	-	28,000.00
19	12" x 8" Tapping Sleeve & Valve	1	EA	16,850.00	100.00	-	16,850.00	-	16,850.00
20	8" Fill & Flush Connection	2	EA	1,850.00	100.00	-	3,700.00	-	3,700.00
21	HRS & Sample Points	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
22	Sawcut Existing	1	LS	515.00	100.00	-	515.00	-	515.00
23	Steel Plate Rental	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
24	Base & Subgrade Restoration w/ CLR	1	LS	3,500.00	100.00	-	3,500.00	-	3,500.00
25	Pavement Restoration	1	LS	3,500.00	100.00	-	3,500.00	-	3,500.00
26	MOT & Traffic Control	1	LS	500.00	100.00	-	500.00	-	500.00
27	Survey	1	LS	10,850.00	100.00	-	10,850.00	-	10,850.00
<b>Sub-total Water</b>							<b>998,002.00</b>	<b>-</b>	<b>998,002.00</b>
SAN. SEWER: ONSITE									
1	6" PVC SDR-26 DIP Sewer Lateral Crossing Not Included, Per Lennar	5,040	LF	27.50	100.00	-	138,600.00	-	138,600.00
2	8" PVC SDR-26 0/6	2,130	LF	47.00	100.00	-	100,110.00	-	100,110.00
3	8" PVC SDR-26 6/8	2,301	LF	47.00	100.00	-	108,147.00	-	108,147.00

4	8" PVC SDR-26 8/10	1,239	LF	50.00	100.00	-	61,950.00	-	61,950.00
5	8" PVC SDR-26 10/12	661	LF	59.00	100.00	-	38,999.00	-	38,999.00
6	8" PVC SDR-26 12/14	466	LF	77.00	100.00	-	35,882.00	-	35,882.00
7	8" PVC SDR-26 14/16	53	LF	85.00	100.00	-	4,505.00	-	4,505.00
8	Pipe Bedding for Sewer Laterals	990	TN	29.00	100.00	-	28,710.00	-	28,710.00
9	Manhole 0/6	17	EA	3,300.00	100.00	-	56,100.00	-	56,100.00
10	Manhole 6/8	10	EA	3,600.00	100.00	-	36,000.00	-	36,000.00
11	Manhole 8/10	8	EA	3,900.00	100.00	-	31,200.00	-	31,200.00
12	Manhole 10/12	2	EA	4,150.00	100.00	-	8,300.00	-	8,300.00
13	Manhole 12/14	2	EA	5,000.00	100.00	-	10,000.00	-	10,000.00
14	Shrink Wrap/ PPC	39	EA	620.00	100.00	-	24,180.00	-	24,180.00
15	6" Coupling PVC SDR-26	14	EA	200.00	100.00	-	2,800.00	-	2,800.00
16	8" Coupling PVC SDR-26	78	EA	240.00	100.00	-	18,720.00	-	18,720.00
17	6" Manhole Adaptor PVC SDR-26	14	EA	210.00	100.00	-	2,940.00	-	2,940.00
18	8" Manhole Adaptor PVC SDR-26	78	EA	260.00	100.00	-	20,280.00	-	20,280.00
19	8" x 6" Wye PVC SDR-26	140	EA	280.00	100.00	-	39,200.00	-	39,200.00
20	6" 45° Bend PVC SDR-26	385	EA	100.00	100.00	-	38,500.00	-	38,500.00
21	6" Cap PVC SDR-26	154	EA	54.00	100.00	-	8,316.00	-	8,316.00
22	6" Cleanout Ass'y. PVC SDR-26	154	EA	510.00	100.00	-	78,540.00	-	78,540.00
23	Rainstoppers	39	EA	90.00	100.00	-	3,510.00	-	3,510.00
24	Drop Connections	2	EA	1,945.00	100.00	-	3,890.00	-	3,890.00
25	Wood Stakes	154	EA	11.00	100.00	-	1,694.00	-	1,694.00
26	Trench Box	1	LS	27,315.00	100.00	-	27,315.00	-	27,315.00
27	Clean Sanitary Sewer (1 time only)	6,850	LF	1.55	100.00	-	10,617.50	-	10,617.50
28	Survey	1	LS	10,850.00	100.00	-	10,850.00	-	10,850.00
<b>Sub-total Sanitary Sewer</b>							<b>949,855.50</b>	<b>-</b>	<b>949,855.50</b>
<b>PAVEMENT: ASPHALT - LOOP ROAD</b>									
1	12" Compacted Subgrade	30,735	SY	1.09	100.00	-	33,501.15	-	33,501.15
2	8" Rock Base	29,135	SY	11.65	100.00	-	339,422.75	-	339,422.75
3	3/4" Type S-III Asphalt (1st Lift)	27,615	SY	6.17	100.00	-	170,384.55	-	170,384.55
4	3/4" Type S-III Asphalt (2nd Lift)	27,615	SY	6.17	100.00	-	170,384.55	-	170,384.55
5	Survey	1	LS	16,850.00	100.00	-	16,850.00	-	16,850.00
<b>Grand Total Pavement Asphalt Loop Road</b>							<b>730,543.00</b>	<b>-</b>	<b>730,543.00</b>
<b>PAVEMENT: STABILIZED SUBGRADE (CANAL MAINTENANCE ACCESS) - LOOP ROAD</b>									
1	12" Stabilized Subgrade Not Per Sheet PD-8 (Maintenance Pad Only)	1,080	SY	1.09	100.00	-	1,177.20	-	1,177.20
2	Survey	1	LS	855.00	100.00	-	855.00	-	855.00
<b>Grand Total Pavement Asphalt Loop Road</b>							<b>2,032.20</b>	<b>-</b>	<b>2,032.20</b>
<b>GUARDRAIL: LOOP ROAD GUARDRAIL</b>									
1	Guardrail (straight)	275	LF	45.95	100.00	-	12,636.25	-	12,636.25
2	Round Buffer End Sections	8	EA	350.00	100.00	-	2,800.00	-	2,800.00
3	Survey	1	LS	250.00	100.00	-	250.00	-	250.00
<b>Grand Total Guardrail Loop Road</b>							<b>15,686.25</b>	<b>-</b>	<b>15,686.25</b>
<b>CONCRETE: LOOP ROAD</b>									
1	4" Concrete Sidewalk (Non-reinforced)	58,165	SF	3.61	100.00	-	209,975.65	-	209,975.65
2	2' Type "F" Curb & Gutter	9,655	LF	13.25	100.00	-	127,928.75	-	127,928.75
3	6" x 12" Type "D" Curb	7,900	LF	10.50	100.00	-	82,950.00	-	82,950.00
4	Pedestrian Ramp	20	EA	310.00	100.00	-	6,200.00	-	6,200.00
5	Survey	1	LS	38,850.00	100.00	-	38,850.00	-	38,850.00
<b>Grand Total Concrete Loop Road</b>							<b>465,904.40</b>	<b>-</b>	<b>465,904.40</b>
<b>SIGNS &amp; MARKINGS: LOOP ROAD</b>									
1	R3-1	2	EA	196.00	100.00	-	392.00	-	392.00
2	6" White 10' - 30' Skip (P)	10,260	LF	0.80	100.00	-	8,208.00	-	8,208.00
3	6" Double Yellow (P)	770	LF	1.20	100.00	-	924.00	-	924.00

4	6" White (P) White/ Yellow Edge Line Along Curb Not Shown, Not Included	725	LF	0.80	100.00	-	580.00	-	580.00
5	12" White (P)	1,600	LF	1.55	100.00	-	2,480.00	-	2,480.00
6	6" White 10' - 30' Skip (T)	10,260	LF	1.10	100.00	-	11,286.00	-	11,286.00
7	6" Double Yellow (T)	770	LF	1.66	100.00	-	1,278.20	-	1,278.20
8	6" White (T)	725	LF	1.10	100.00	-	797.50	-	797.50
9	12" White (T)	1,600	LF	2.50	100.00	-	4,000.00	-	4,000.00
10	White Directional Arrow (T)	8	EA	69.00	100.00	-	552.00	-	552.00
11	RPMs Colorless / Red	264	EA	6.00	100.00	-	1,584.00	-	1,584.00
12	RPMs Blue	15	EA	6.00	100.00	-	90.00	-	90.00
13	Survey	1	LS	2,440.00	100.00	-	2,440.00	-	2,440.00
<b>Grand Total Signs &amp; Markings Loop Road</b>							<b>34,611.70</b>	<b>-</b>	<b>34,611.70</b>
<b>STORM DRAIN: LOOP ROAD (SEE CHANGE ORDER FOR STORM CULVERT)</b>									
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	915	LF	137.00	100.00	-	125,355.00	-	125,355.00
2	18" HDPE	1,300	LF	52.29	100.00	-	67,977.00	-	67,977.00
3	15" HDPE	220	LF	46.79	100.00	-	10,293.80	-	10,293.80
4	Pipe Bedding	320	TN	29.00	100.00	-	9,280.00	-	9,280.00
5	Catch Basin 48" Dia. w/ P-6 Inlet & Throat	40	EA	5,500.00	100.00	-	220,000.00	-	220,000.00
6	Storm Manhole 48" Dia. w/ USF 310	1	EA	3,700.00	100.00	-	3,700.00	-	3,700.00
7	18" Endcap HDPE	28	EA	250.00	100.00	-	7,000.00	-	7,000.00
8	Filter Fabric in Grates	40	EA	25.00	100.00	-	1,000.00	-	1,000.00
9	Vacuum Structures For Derm Walk-Through	41	EA	275.00	100.00	-	11,275.00	-	11,275.00
10	Survey	1	LS	2,440.00	100.00	-	2,440.00	-	2,440.00
<b>Grand Total Storm Drain Loop Road</b>							<b>458,320.80</b>	<b>-</b>	<b>458,320.80</b>
<b>WATER: LOOP ROAD</b>									
1	12" DIP	5,165	LF	102.00	100.00	-	526,830.00	-	526,830.00
2	8" DIP	540	LF	69.00	100.00	-	37,260.00	-	37,260.00
3	6" DIP	265	LF	55.00	100.00	-	14,575.00	-	14,575.00
4	Blueline Paint Water Main	5,970	LF	0.40	100.00	-	2,388.00	-	2,388.00
5	Pipe Bedding for Water Main	1,325	TN	29.00	100.00	-	38,425.00	-	38,425.00
6	Fire Hydrant w/ Mega Lug	15	EA	4,200.00	100.00	-	63,000.00	-	63,000.00
7	12" Gate Valve & Box w/ Mega Lug	10	EA	5,550.00	100.00	-	55,500.00	-	55,500.00
8	8" Gate Valve & Box w/ Mega Lug	11	EA	2,650.00	100.00	-	29,150.00	-	29,150.00
9	6" Gate Valve & Box w/ Mega Lug	15	EA	2,100.00	100.00	-	31,500.00	-	31,500.00
10	12" x 8" Cross w/ Mega Lug	1	EA	1,950.00	100.00	-	1,950.00	-	1,950.00
11	12" x 8" Tee w/ Mega Lug	9	EA	1,290.00	100.00	-	11,610.00	-	11,610.00
12	12" x 6" Tee w/ Mega Lug	15	EA	1,250.00	100.00	-	18,750.00	-	18,750.00
13	12" 45 Offset Bend w/ Mega Lug ARV Not Shown, Not Included	2	EA	1,050.00	100.00	-	2,100.00	-	2,100.00
14	12" 22 Bend w/ Mega Lug	4	EA	1,050.00	100.00	-	4,200.00	-	4,200.00
15	12" 11 Bend w/ Mega Lug	11	EA	1,050.00	100.00	-	11,550.00	-	11,550.00
16	8" 45 Offset Bend w/ Mega Lug ARV Not Shown, Not Included	8	EA	890.00	100.00	-	7,120.00	-	7,120.00
17	6" 45 Offset Bend w/ Mega Lug	6	EA	480.00	100.00	-	2,880.00	-	2,880.00
18	2" FVO Ass'y.	8	EA	1,250.00	100.00	-	10,000.00	-	10,000.00
19	12" Pipe Joint Restraint	94	EA	480.00	100.00	-	45,120.00	-	45,120.00
20	8" Pipe Joint Restraint	9	EA	280.00	100.00	-	2,520.00	-	2,520.00
21	12" Fill & Flush Connection	2	EA	2,900.00	100.00	-	5,800.00	-	5,800.00
22	HRS & Sample Points	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
23	Survey	1	LS	6,580.00	100.00	-	6,580.00	-	6,580.00
<b>Sub-total Water Loop Road</b>							<b>930,698.00</b>	<b>-</b>	<b>930,698.00</b>
<b>SAN. SEWER: LOOP ROAD</b>									
1	8" PVC SDR-26 6/8	79	LF	47.00	100.00	-	3,713.00	-	3,713.00
2	8" PVC SDR-26 8/10	952	LF	50.00	100.00	-	47,600.00	-	47,600.00

3	8" PVC SDR-26 10/12	869	LF	59.00	100.00	-	51,271.00	-	51,271.00
4	8" PVC SDR-26 12/14	1,058	LF	77.00	100.00	-	81,466.00	-	81,466.00
5	8" PVC SDR-26 14/16	543	LF	85.00	100.00	-	46,155.00	-	46,155.00
6	8" PVC SDR-26 16/18	179	LF	105.00	100.00	-	18,795.00	-	18,795.00
7	10" PVC SDR-26 12/14	32	LF	96.00	100.00	-	3,072.00	-	3,072.00
8	10" PVC SDR-26 14/16	231	LF	104.00	100.00	-	24,024.00	-	24,024.00
9	10" PVC SDR-26 16/18	402	LF	124.00	100.00	-	49,848.00	-	49,848.00
10	10" PVC SDR-26 18/20	105	LF	139.00	100.00	-	14,595.00	-	14,595.00
11	12" DIP Epoxy Coated 18/20	85	LF	225.00	100.00	-	19,125.00	-	19,125.00
12	Manhole 8/10	5	EA	3,900.00	100.00	-	19,500.00	-	19,500.00
13	Manhole 10/12	3	EA	4,150.00	100.00	-	12,450.00	-	12,450.00
14	Manhole 12/14	7	EA	5,000.00	100.00	-	35,000.00	-	35,000.00
15	Manhole 14/16	3	EA	6,200.00	100.00	-	18,600.00	-	18,600.00
16	Manhole 16/18	2	EA	7,600.00	100.00	-	15,200.00	-	15,200.00
17	Manhole 18/20	1	EA	9,000.00	100.00	-	9,000.00	-	9,000.00
18	Shrink Wrap/ PPC	21	EA	620.00	100.00	-	13,020.00	-	13,020.00
19	8" Coupling PVC SDR-26	40	EA	240.00	100.00	-	9,600.00	-	9,600.00
20	10" Coupling PVC SDR-26	8	EA	350.00	100.00	-	2,800.00	-	2,800.00
21	12" Coupling DIP	2	EA	1,850.00	100.00	-	3,700.00	-	3,700.00
22	8" Manhole Adaptor PVC SDR-26	40	EA	260.00	100.00	-	10,400.00	-	10,400.00
23	10" Manhole Adaptor PVC SDR-26	8	EA	370.00	100.00	-	2,960.00	-	2,960.00
24	12" Manhole Adaptor DIP	2	EA	2,050.00	100.00	-	4,100.00	-	4,100.00
25	8" Cap PVC SDR-26	8	EA	75.00	100.00	-	600.00	-	600.00
26	Rainstoppers	21	EA	90.00	100.00	-	1,890.00	-	1,890.00
27	Drop Connections	4	EA	2,350.00	100.00	-	9,400.00	-	9,400.00
28	Trench Box	1	LS	18,085.00	100.00	-	18,085.00	-	18,085.00
29	Clean Sanitary Sewer (1 time only)	4,535	LF	1.55	100.00	-	7,029.25	-	7,029.25
30	Survey	1	LS	7,850.00	100.00	-	7,850.00	-	7,850.00
<b>Grand Total Sanitary Sewer Loop Road</b>							<b>560,848.25</b>	<b>-</b>	<b>560,848.25</b>
<b>FORCE MAIN: LOOP ROAD</b>									
1	8" DIP Epoxy	1,900	LF	105.00	100.00	-	199,500.00	-	199,500.00
2	Paint for Forcemain Pipe	1,900	LF	0.40	100.00	-	760.00	-	760.00
3	Pipe Bedding	420	TN	29.00	100.00	-	12,180.00	-	12,180.00
4	8" Plug Valve w/ Box w/ Mega Lug	1	EA	3,450.00	100.00	-	3,450.00	-	3,450.00
5	8" 90 Bend w/ Mega Lug	2	EA	1,450.00	100.00	-	2,900.00	-	2,900.00
6	8" 45 Offset Bend w/ Mega Lug	4	EA	1,450.00	100.00	-	5,800.00	-	5,800.00
7	8" 22 Bend w/ Mega Lug	3	EA	1,450.00	100.00	-	4,350.00	-	4,350.00
8	8" 11 Bend w/ Mega Lug	3	EA	1,450.00	100.00	-	4,350.00	-	4,350.00
9	2" ARV Assembly Per Sheet WS-13_Force Main Profile	1	EA	6,850.00	100.00	-	6,850.00	-	6,850.00
10	8" Pipe Joint Restraint	8	EA	280.00	100.00	-	2,240.00	-	2,240.00
11	Flush Test	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
12	Remove Existing Plug & Connect	1	EA	775.00	100.00	-	775.00	-	775.00
13	Survey	1	LS	2,472.20	100.00	-	2,472.20	-	2,472.20
<b>Grand Total Force Main Loop Road</b>							<b>247,517.20</b>	<b>-</b>	<b>247,517.20</b>
<b>LIFT STATION: LOOP ROAD</b>									
1	Lift Station	1	LS	600,000	100.00	-	600,000.00	-	600,000.00
<b>Grand Total Lift Station Onsite</b>							<b>600,000.00</b>	<b>-</b>	<b>600,000.00</b>
<b>TOTAL ORIGINAL CONTRACT</b>							<b>7,383,664.77</b>	<b>589,564.73</b>	<b>7,973,229.50</b>
<b>CHANGE ORDERS</b>									
<b>CHANGE ORDER #1</b>									
1	Parallel Handicap Stall w/ Sign & Logo (P)	1	EA	201.00	100.00	-	201.00	-	201.00
2	Handicap Walkway (P)	1	EA	70.00	100.00	-	70.00	-	70.00

3	Parallel Parking Stall (P)	(1)	EA	5.00	100.00	-	(5.00)	-	(5.00)
<b>Sub-total Signs &amp; Markings</b>							<b>266.00</b>	<b>-</b>	<b>266.00</b>
1	8" DIP	35	LF	69.00	100.00	-	2,415.00	-	2,415.00
2	6" DIP	20	LF	55.00	100.00	-	1,100.00	-	1,100.00
3	Blueline Paint Water Main	55	LF	0.40	100.00	-	22.00	-	22.00
4	Pipe Bedding for Water Main	12	TN	29.00	100.00	-	348.00	-	348.00
5	8" 45 Offset Bend w/ Mega Lug	14	EA	890.00	100.00	-	12,460.00	-	12,460.00
6	6" 45 Offset Bend w/ Mega Lug	8	EA	480.00	100.00	-	3,840.00	-	3,840.00
<b>Sub-total Water Onsite</b>							<b>20,185.00</b>	<b>-</b>	<b>20,185.00</b>
1	4" Concrete Sidewalk (Non-reinforced)	760	SF	3.61	100.00	-	2,743.60	-	2,743.60
<b>Sub-total Concrete Loop Road</b>							<b>2,743.60</b>	<b>-</b>	<b>2,743.60</b>
1	6" DIP	(98)	LF	55.00	100.00	-	(5,390.00)	-	(5,390.00)
2	Blueline Paint Water Main	(98)	LF	0.40	100.00	-	(39.20)	-	(39.20)
3	Pipe Bedding for Water Main	(22)	TN	29.00	100.00	-	(638.00)	-	(638.00)
4	Fire Hydrant w/ Mega Lug	(5)	EA	4,200.00	100.00	-	(21,000.00)	-	(21,000.00)
5	6" Gate Valve & Box w/ Mega Lug	(5)	EA	2,100.00	100.00	-	(10,500.00)	-	(10,500.00)
6	12" x 6" Tee w/ Mega Lug	(5)	EA	1,250.00	100.00	-	(6,250.00)	-	(6,250.00)
7	12" 11 Bend w/ Mega Lug	(6)	EA	1,050.00	100.00	-	(6,300.00)	-	(6,300.00)
8	6" 45 Offset Bend w/ Mega Lug	(2)	EA	480.00	100.00	-	(960.00)	-	(960.00)
<b>Sub-total Water Loop Road</b>							<b>(51,077.20)</b>	<b>-</b>	<b>(51,077.20)</b>
1	8" 90 Offset Bend w/ Mega Lug	2	EA	1,450.00	100.00	-	2,900.00	-	2,900.00
2	8" DIP Epoxy	(5)	LF	105.00	100.00	-	(525.00)	-	(525.00)
3	Paint for Forcemain Pipe	(5)	LF	0.40	100.00	-	(2.00)	-	(2.00)
4	8" 45 Offset Bend w/ Mega Lug	(4)	EA	1,450.00	100.00	-	(5,800.00)	-	(5,800.00)
<b>Sub-total Force Main Loop Road</b>							<b>(3,427.00)</b>	<b>-</b>	<b>(3,427.00)</b>
<b>Grand Total Change Order #1</b>							<b>(31,309.60)</b>	<b>-</b>	<b>(31,309.60)</b>
<b>CHANGE ORDER #2</b>									
1	179" x 118" Culvert Corrugated Aluminized Structural Pipe Arch Culvert	370	LF	1,955.00	100.00	-	723,350.00	-	723,350.00
2	Import Fill (CLR)	28,716	TN	26.00	100.00	-	746,616.00	-	746,616.00
3	Bedding Material	2,245	TN	31.50	100.00	-	70,717.50	-	70,717.50
4	(3) Cranes	2	DY	42,550.00	100.00	-	85,100.00	-	85,100.00
5	Rip Rap Headwalls	4	EA	111,732	100.00	-	446,926.28	-	446,926.28
6	Survey	1	LS	4,590.22	100.00	-	4,590.22	-	4,590.22
7	Discount	1	LS	(100,000)	100.00	-	(100,000.00)	-	(100,000.00)
<b>Grand Total Change Order #2 STORM DRAIN: CULVERT - LOOP ROAD</b>							<b>1,977,300.00</b>	<b>-</b>	<b>1,977,300.00</b>
<b>TOTAL CHANGE ORDERS</b>							<b>1,945,990.40</b>	<b>-</b>	<b>1,945,990.40</b>
<b>TOTAL ORIGINAL CONTRACT &amp; CHANGE ORDERS</b>							<b>9,329,655.17</b>	<b>589,564.73</b>	<b>9,919,219.90</b>
<b>OTHER COSTS (PHASE 2)</b>									
1	Soft Cost and Contingency	10%	%	9,919,220	94.06	5.94	932,965.52	58,956.47	991,921.99
2	Entry Features	1	EA	100,000	100.00	-	100,000.00	-	100,000.00
3	Water Conn. Fee (152 Single Family Homes @ 210 GPD for < 3,100 S	31,920	GPD	1.39	100.00	-	44,368.80	-	44,368.80
4	Sewer Conn Fees (152 Single Family Homes @ 210 GPD for < 3,100	31,920	GPD	5.60	100.00	-	178,752.00	-	178,752.00
5	Mobility Impact Fees for (152 Single Family Units Per MDC 12/2023 -	152	EA	10,625.00	100.00	-	1,615,000.00	-	1,615,000.00
<b>Sub-total Other Costs</b>							<b>2,871,086.32</b>	<b>58,956.47</b>	<b>2,930,042.79</b>
<b>GRAND TOTAL</b>							<b>12,200,741.49</b>	<b>648,521.20</b>	<b>12,849,262.69</b>

<b>Summary of EAST PALM DRIVE CDD Estimated Construction Costs and Schedule of Construction (PHASE 2)</b>			
Item Description	Cost*	Begin	End
	(\$)	Quarter/Year	Quarter/Year
Roadway Improvements Including Miami-Dade Mobility Impact Fees for 152 Single Family Homes	3,108,000	Q3/2024	Q4/2024
Stormwater Management and Drainage	4,203,000	Q1/2024	Q4/2024
Water Distribution System, Including Water Connection Fees for 152 Single Family Homes	2,132,000	Q1/2024	Q4/2024
Sanitary Sewer System, Including Connection Fees for 152 Single Family Homes	2,770,000	Q1/2024	Q4/2024
<b>Total</b>	<b>12,213,000</b>		

**East Palm Drive CDD**  
**Estimate of Construction Costs**  
**Phase 3 Work**

Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>PAVEMENT: ASPHALT</b>									
1	12" Compacted Subgrade	29,130	SY	1.09	1.97	98.03	624.22	31,127.48	31,751.70
2	8" Rock Base	27,615	SY	11.65	1.97	98.03	6,324.76	315,389.99	321,714.75
3	3/4" Type S-III Asphalt (1st Lift)	26,175	SY	6.17	1.97	98.03	3,175.01	158,324.74	161,499.75
4	3/4" Type S-III Asphalt (2nd Lift)	26,175	SY	6.17	1.97	98.03	3,175.01	158,324.74	161,499.75
5	Survey	1	LS	17,850.00	1.97	98.03	350.92	17,499.08	17,850.00
<b>Sub-total Pavement</b>							<b>13,649.92</b>	<b>680,666.03</b>	<b>694,315.95</b>
<b>GUARDRAIL: ONSITE</b>									
1	Guardrail (straight)	130	LF	45.95	-	100.00	-	5,973.50	5,973.50
2	Round Buffer End Sections	10	EA	350.00	-	100.00	-	3,500.00	3,500.00
3	Survey	1	LS	200.00	-	100.00	-	200.00	200.00
<b>Sub-total Guardrail</b>							<b>-</b>	<b>9,673.50</b>	<b>9,673.50</b>
<b>CONCRETE: ONSITE</b>									
1	2' Valley Gutter	11,055	LF	13.25	100.00	-	146,478.75	-	146,478.75
2	2' Type "F" Curb & Gutter	910	LF	13.25	100.00	-	12,057.50	-	12,057.50
3	6" x 12" Type "D" Curb	6,875	LF	10.50	100.00	-	72,187.50	-	72,187.50
4	Survey	1	LS	8,850.00	100.00	-	8,850.00	-	8,850.00
<b>Sub-total Concrete</b>							<b>239,573.75</b>	<b>-</b>	<b>239,573.75</b>
<b>SIGNS &amp; MARKINGS</b>									
1	R1-1	4	EA	196.00	-	100.00	-	784.00	784.00
2	R1-1 w/ (2) D3-1	23	EA	232.00	8.70	91.30	464.00	4,872.00	5,336.00
3	D3-1 w/ D3-1	2	EA	232.00	-	100.00	-	464.00	464.00
4	W1-7	5	EA	196.00	-	100.00	-	980.00	980.00
5	W1-6R w/ W1-6L	1	EA	232.00	-	100.00	-	232.00	232.00
6	OM-1 w/ Red Reflectors	15	EA	196.00	-	100.00	-	2,940.00	2,940.00
7	6" Double Yellow (P)	1,465	LF	1.20	-	100.00	-	1,758.00	1,758.00
8	6" White (P)	1,400	LF	0.80	28.57	71.43	320.00	800.00	1,120.00
9	6" Yellow (P)	710	LF	0.80	-	100.00	-	568.00	568.00
10	12" White (P)	1,345	LF	1.55	-	100.00	-	2,084.75	2,084.75
11	18" White (P)	15	LF	1.95	-	100.00	-	29.25	29.25
12	18" Yellow (P)	40	LF	1.95	-	100.00	-	78.00	78.00
13	24" White (P)	425	LF	2.20	5.65	94.35	52.80	882.20	935.00
14	6" Double Yellow (T)	1,465	LF	1.66	-	100.00	-	2,431.90	2,431.90
15	6" White (T)	1,400	LF	1.10	28.57	71.43	440.00	1,100.00	1,540.00
16	6" Yellow (T)	710	LF	1.10	-	100.00	-	781.00	781.00
17	12" White (T)	1,345	LF	2.50	-	100.00	-	3,362.50	3,362.50
18	18" White (T)	15	LF	2.95	-	100.00	-	44.25	44.25
19	18" Yellow (T)	40	LF	2.95	-	100.00	-	118.00	118.00
20	24" White (T)	425	LF	3.30	5.65	94.35	79.20	1,323.30	1,402.50
21	White Directional Arrow (T)	6	EA	69.00	-	100.00	-	414.00	414.00
22	Parallel Parking Stall (P)	44	EA	5.00	-	100.00	-	220.00	220.00
23	Double Parking Stall (P)	292	EA	7.00	-	100.00	-	2,044.00	2,044.00
24	Concrete Wheelstops (no paint) As Shown Per Sheet ST-1 & ST-2	20	EA	42.00	-	100.00	-	840.00	840.00
25	Loading Zone (P)	2	EA	200.00	-	100.00	-	400.00	400.00
26	RPMs Amber / Amber	154	EA	6.00	-	100.00	-	924.00	924.00
27	RPMs Blue	18	EA	6.00	-	100.00	-	108.00	108.00



28	Survey	1	LS	2,440.00	2.00	98.00	48.80	2,391.20	2,440.00
<b>Grand Total Signs &amp; Markings</b>							<b>1,404.80</b>	<b>32,974.35</b>	<b>34,379.15</b>
<b>STORM DRAIN: ONSITE</b>									
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	3,130	LF	137.00	100.00	-	428,810.00	-	428,810.00
2	24" HDPE Outfall Predicated On 24" HDPE	325	LF	78.00	100.00	-	25,350.00	-	25,350.00
3	18" HDPE	3,385	LF	52.29	100.00	-	177,001.65	-	177,001.65
4	15" HDPE	445	LF	46.79	100.00	-	20,821.55	-	20,821.55
5	Pipe Bedding	905	TN	29.00	100.00	-	26,245.00	-	26,245.00
6	Catch Basin "D-3" w/ USF 4700-6223 Structure #37A & #40A Not Included In Phase III Scope	38	EA	3,650.00	100.00	-	138,700.00	-	138,700.00
7	Valley Inlet 48" x 48" w/ USF 5112-6143	76	EA	3,650.00	100.00	-	277,400.00	-	277,400.00
8	Curb Inlet 48" Dia. w/ USF 5129-6176	4	EA	3,750.00	100.00	-	15,000.00	-	15,000.00
9	Storm Manhole 48" Dia. w/ USF 310	10	EA	3,700.00	100.00	-	37,000.00	-	37,000.00
10	Control Structure 48" x 72" w/ (2) USF 310	2	EA	7,250.00	100.00	-	14,500.00	-	14,500.00
11	Concrete Collar for Catch Basin	38	EA	385.00	100.00	-	14,630.00	-	14,630.00
12	PRB's for 18" FD (CMP) Per Sheet PD-4, Structure Table	45	EA	670.00	100.00	-	30,150.00	-	30,150.00
13	18" Endcap HDPE	79	EA	250.00	100.00	-	19,750.00	-	19,750.00
14	Concrete Endwall for 24" HDPE Outfall	2	EA	3,600.00	100.00	-	7,200.00	-	7,200.00
15	Filter Fabric in Grates	118	EA	25.00	100.00	-	2,950.00	-	2,950.00
16	Vacuum Structures For Derm Walk-Through	130	EA	275.00	100.00	-	35,750.00	-	35,750.00
17	Survey	1	LS	9,850.00	100.00	-	9,850.00	-	9,850.00
<b>Grand Total Storm Drain</b>							<b>1,281,108.20</b>	<b>-</b>	<b>1,281,108.20</b>
<b>WATER: ONSITE</b>									
1	8" DIP	6,440	LF	69.00	100.00	-	444,360.00	-	444,360.00
2	6" DIP	320	LF	55.00	100.00	-	17,600.00	-	17,600.00
3	BlueLine Paint Water Main	6,760	LF	0.40	100.00	-	2,704.00	-	2,704.00
4	Pipe Bedding for Water Main	1,500	TN	29.00	100.00	-	43,500.00	-	43,500.00
5	Fire Hydrant w/ Mega Lug	18	EA	4,400.00	100.00	-	79,200.00	-	79,200.00
6	8" Gate Valve & Box w/ Mega Lug	34	EA	2,650.00	100.00	-	90,100.00	-	90,100.00
7	6" Gate Valve & Box w/ Mega Lug	18	EA	2,100.00	100.00	-	37,800.00	-	37,800.00
8	8" x 8" Tee w/ Mega Lug	17	EA	1,450.00	100.00	-	24,650.00	-	24,650.00
9	8" x 6" Tee w/ Mega Lug	18	EA	1,250.00	100.00	-	22,500.00	-	22,500.00
10	8" 90 Bend w/ Mega Lug	6	EA	890.00	100.00	-	5,340.00	-	5,340.00
11	8" 45 Bend w/ Mega Lug	4	EA	890.00	100.00	-	3,560.00	-	3,560.00
12	8" 45 Offset Bend w/ Mega Lug	42	EA	890.00	100.00	-	37,380.00	-	37,380.00
13	8" 22 Bend w/ Mega Lug	1	EA	890.00	100.00	-	890.00	-	890.00
14	8" 11 Bend w/ Mega Lug	12	EA	890.00	100.00	-	10,680.00	-	10,680.00
15	6" 45 Offset Bend w/ Mega Lug	22	EA	550.00	100.00	-	12,100.00	-	12,100.00
16	8" Cap Tap 2" w/ Mega Lug	5	EA	450.00	100.00	-	2,250.00	-	2,250.00
17	2" FVO Ass'y.	5	EA	1,250.00	100.00	-	6,250.00	-	6,250.00
18	1" Double Water Service	116	EA	1,220.00	100.00	-	141,520.00	-	141,520.00
19	1" Single Water Service	36	EA	1,220.00	100.00	-	43,920.00	-	43,920.00
20	Wood Stakes	152	EA	11.00	100.00	-	1,672.00	-	1,672.00
21	8" Pipe Joint Restraint	141	EA	280.00	100.00	-	39,480.00	-	39,480.00
22	8" Fill & Flush Connection	2	EA	1,850.00	100.00	-	3,700.00	-	3,700.00
23	Air Release Valve Ass'y. (manual)	1	EA	3,250.00	100.00	-	3,250.00	-	3,250.00
24	HRS & Sample Points	1	LS	1,890.00	100.00	-	1,890.00	-	1,890.00
25	Survey	1	LS	7,850.00	100.00	-	7,850.00	-	7,850.00
<b>Sub-total Water</b>							<b>1,084,146.00</b>	<b>-</b>	<b>1,084,146.00</b>
<b>SAN. SEWER</b>									
1	6" PVC SDR-26 DIP Sewer Lateral Crossing Not Included, Per Lennar	9,765	LF	27.50	100.00	-	268,537.50	-	268,537.50
2	8" PVC SDR-26 0/6	2,943	LF	47.00	100.00	-	138,321.00	-	138,321.00
3	8" PVC SDR-26 6/8	2,303	LF	47.00	100.00	-	108,241.00	-	108,241.00
4	8" PVC SDR-26 8/10	773	LF	50.00	100.00	-	38,650.00	-	38,650.00
5	8" PVC SDR-26 10/12	11	LF	59.00	100.00	-	649.00	-	649.00

6	Pipe Bedding for Sewer Laterals	2,015	TN	29.00	100.00	-	58,435.00	-	58,435.00
7	Manhole 0/6	21	EA	3,300.00	100.00	-	69,300.00	-	69,300.00
8	Manhole 6/8	17	EA	3,600.00	100.00	-	61,200.00	-	61,200.00
9	Manhole 8/10	9	EA	3,900.00	100.00	-	35,100.00	-	35,100.00
10	Shrink Wrap/ PPC	47	EA	620.00	100.00	-	29,140.00	-	29,140.00
11	6" Coupling PVC SDR-26	26	EA	200.00	100.00	-	5,200.00	-	5,200.00
12	8" Coupling PVC SDR-26	93	EA	240.00	100.00	-	22,320.00	-	22,320.00
13	6" Manhole Adaptor PVC SDR-26	26	EA	210.00	100.00	-	5,460.00	-	5,460.00
14	8" Manhole Adaptor PVC SDR-26	93	EA	260.00	100.00	-	24,180.00	-	24,180.00
15	8" x 6" Wye PVC SDR-26	242	EA	280.00	100.00	-	67,760.00	-	67,760.00
16	6" 45° Bend PVC SDR-26	670	EA	100.00	100.00	-	67,000.00	-	67,000.00
17	6" Cap PVC SDR-26	268	EA	54.00	100.00	-	14,472.00	-	14,472.00
18	6" Cleanout Ass'y. PVC SDR-26	268	EA	510.00	100.00	-	136,680.00	-	136,680.00
19	Rainstoppers	47	EA	90.00	100.00	-	4,230.00	-	4,230.00
20	Drop Connections	1	EA	1,945.00	100.00	-	1,945.00	-	1,945.00
21	Wood Stakes	268	EA	11.00	100.00	-	2,948.00	-	2,948.00
22	Trench Box	1	LS	24,060.00	100.00	-	24,060.00	-	24,060.00
23	Clean Sanitary Sewer (1 time only)	6,030	LF	1.55	100.00	-	9,346.50	-	9,346.50
24	Survey	1	LS	14,297.75	100.00	-	14,297.75	-	14,297.75
<b>Sub-total Sanitary Sewer</b>							<b>1,207,472.75</b>	<b>-</b>	<b>1,207,472.75</b>
<b>TOTAL ORIGINAL CONTRACT</b>							<b>3,827,355.42</b>	<b>723,313.88</b>	<b>4,550,669.30</b>
<b>CHANGE ORDERS</b>									
<b>CHANGE ORDER #1</b>									
1	Guardrail (straight)	85	LF	45.95	-	100.00	-	3,905.75	3,905.75
2	Round Buffer End Sections	2	EA	350.00	-	100.00	-	700.00	700.00
<b>Sub-total Guardrail</b>							<b>-</b>	<b>4,605.75</b>	<b>4,605.75</b>
1	24" White (P)	6	LF	2.20	-	100.00	-	13.20	13.20
2	24" White (T)	6	LF	3.30	-	100.00	-	19.80	19.80
3	Parallel Handicap Parking Stall w/ Sign	1	EA	201.00	-	100.00	-	201.00	201.00
4	Handicap Parking Stall w/ Sign & Logo	1	EA	203.00	-	100.00	-	203.00	203.00
5	Handicap Walkway (P)	2	EA	70.00	-	100.00	-	140.00	140.00
1	W1-7	(3)	EA	196.00	-	100.00	-	(588.00)	(588.00)
2	6" Double Yellow (P)	(48)	LF	1.20	-	100.00	-	(57.60)	(57.60)
3	6" Double Yellow (T)	(48)	LF	1.66	-	100.00	-	(79.68)	(79.68)
4	Parallel Parking Stall (P)	(1)	EA	5.00	-	100.00	-	(5.00)	(5.00)
5	Double Parking Stall (P)	(1)	EA	7.00	-	100.00	-	(7.00)	(7.00)
<b>Sub-total Sign &amp; Markings</b>							<b>-</b>	<b>(160.28)</b>	<b>(160.28)</b>
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	(24)	LF	137.00	100.00	-	(3,288.00)	-	(3,288.00)
2	18" HDPE	(10)	LF	52.29	100.00	-	(522.90)	-	(522.90)
3	Catch Basin "D-3" w/ USF 4700-6223	(2)	EA	3,650.00	100.00	-	(7,300.00)	-	(7,300.00)
4	Concrete Collar for Catch Basin	(2)	EA	385.00	100.00	-	(770.00)	-	(770.00)
5	PRB's for 18" FD (CMP)	(2)	EA	670.00	100.00	-	(1,340.00)	-	(1,340.00)
6	18" Endcap HDPE	(2)	EA	250.00	100.00	-	(500.00)	-	(500.00)
7	Filter Fabric in Grates	(2)	EA	25.00	100.00	-	(50.00)	-	(50.00)
8	Vacuum Structures For Derm Walk-Through	(2)	EA	275.00	100.00	-	(550.00)	-	(550.00)
<b>Sub-total Storm Drain</b>							<b>(14,320.90)</b>	<b>-</b>	<b>(14,320.90)</b>
1	8" DIP	5	LF	69.00	100.00	-	345.00	-	345.00
2	6" DIP	20	LF	55.00	100.00	-	1,100.00	-	1,100.00
3	Blueline Paint Water Main	25	LF	0.40	100.00	-	10.00	-	10.00
4	Fire Hydrant w/ Mega Lug	1	EA	4,400.00	100.00	-	4,400.00	-	4,400.00
5	6" Gate Valve & Box w/ Mega Lug	1	EA	2,100.00	100.00	-	2,100.00	-	2,100.00
1	8" x 6" Tee w/ Mega Lug	1	EA	1,250.00	100.00	-	1,250.00	-	1,250.00
2	8" 45 Offset Bend w/ Mega Lug	2	EA	890.00	100.00	-	1,780.00	-	1,780.00
3	6" 45 Offset Bend w/ Mega Lug	2	EA	550.00	100.00	-	1,100.00	-	1,100.00

4	Air Release Valve Ass'y. (manual)	1	EA	3,250.00	100.00	-	3,250.00	-	3,250.00
<b>Sub-total Water</b>							<b>15,335.00</b>	<b>-</b>	<b>15,335.00</b>
1	8" DIP Epoxy Coated 0/6	24	LF	114.00	100.00	-	2,736.00	-	2,736.00
2	8" Coupling DIP	2	EA	975.00	100.00	-	1,950.00	-	1,950.00
3	8" Manhole Adaptor DIP	2	EA	1,050.00	100.00	-	2,100.00	-	2,100.00
4	8" PVC SDR-26 0/6	(24)	LF	47.00	100.00	-	(1,128.00)	-	(1,128.00)
5	8" Coupling PVC SDR-26	(2)	EA	240.00	100.00	-	(480.00)	-	(480.00)
1	8" Manhole Adaptor PVC SDR-26	(2)	EA	260.00	100.00	-	(520.00)	-	(520.00)
<b>Sub-total Sanitary Sewer</b>							<b>4,658.00</b>	<b>-</b>	<b>4,658.00</b>
<b>Grand Total Change Order #1</b>							<b>5,672.10</b>	<b>4,445.47</b>	<b>10,117.57</b>
<b>TOTAL ORIGINAL CONTRACT &amp; CHANGE ORDERS</b>							<b>3,833,027.52</b>	<b>727,759.35</b>	<b>4,560,786.87</b>

<b>OTHER COSTS (PHASE 3)</b>									
1	Soft Cost and Contingency	10%	%	4,560,787	84.04	15.96	383,302.76	72,775.93	456,078.69
2	Entry Features	2	EA	100,000	100.00		200,000.00	-	200,000.00
3	Water Conn. Fee (132 Townhomes and 136 Villas @ 165 GPD)	44,220	GPD	1.39	100.00		61,465.80	-	61,465.80
4	Sewer Conn Fees (132 Townhomes and 136 Villas @ 165 GPD)	44,220	GPD	5.60	100.00		247,632.00	-	247,632.00
5	Mobility Impact Fees for (132 Townhomes and 136 Villas Per MDC 12)	268	EA	8,112.00	100.00		2,174,016.00	-	2,174,016.00
<b>Sub-total Other Costs</b>							<b>3,066,416.56</b>	<b>72,775.93</b>	<b>3,139,192.49</b>
<b>GRAND TOTAL</b>							<b>6,899,444.08</b>	<b>800,535.28</b>	<b>7,699,979.36</b>

<b>Summary of EAST PALM DRIVE CDD Estimated Construction Costs and Schedule of Construction (PHASE 3)</b>			
Item Description	Cost*	Begin	End
	(\$)	Quarter/Year	Quarter/Year
Roadway Improvements Including Miami-Dade Mobility Impact Fees for 132 Townhomes and 136 Villas	2,411,000	Q3/2024	Q4/2024
Stormwater Management and Drainage	1,657,000	Q1/2024	Q4/2024
Water Distribution System, Including Water Connection Fees for 132 Townhomes and 136 Villas	1,271,000	Q1/2024	Q4/2024
Sanitary Sewer System, Including Connection Fees for 132 Townhomes and 136 Villas	1,581,000	Q1/2024	Q4/2024
<b>Total</b>	<b>6,920,000</b>		

**East Palm Drive CDD**  
**Estimate of Construction Costs**  
**Phase 4 Work**

Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>PAVEMENT: ASPHALT</b>									
1	12" Compacted Subgrade	28,058	SY	1.09	1.97	98.03	601.25	29,982.12	30,583.37
2	8" Rock Base	26,599	SY	11.65	1.97	98.03	6,092.04	303,784.99	309,877.03
3	3/4" Type S-III Asphalt (1st Lift)	25,212	SY	6.17	1.97	98.03	3,058.18	152,499.07	155,557.25
4	3/4" Type S-III Asphalt (2nd Lift)	25,212	SY	6.17	1.97	98.03	3,058.18	152,499.07	155,557.25
5	Survey	1	LS	17,850.00	1.97	98.03	350.92	17,499.08	17,850.00
<b>Sub-total Pavement</b>							<b>13,160.58</b>	<b>656,264.32</b>	<b>669,424.90</b>
<b>GUARDRAIL: ONSITE</b>									
1	Guardrail (straight)	125	LF	45.95	-	100.00	-	5,753.70	5,753.70
2	Round Buffer End Sections	10	EA	350.00	-	100.00	-	3,371.22	3,371.22
3	Survey	1	LS	200.00	-	100.00	-	200.00	200.00
<b>Sub-total Guardrail</b>							<b>-</b>	<b>9,324.92</b>	<b>9,324.92</b>
<b>CONCRETE: ONSITE</b>									
1	2' Valley Gutter	10,648	LF	13.25	100.00	-	141,088.96	-	141,088.96
2	2' Type "F" Curb & Gutter	877	LF	13.25	100.00	-	11,613.84	-	11,613.84
3	6" x 12" Type "D" Curb	6,622	LF	10.50	100.00	-	69,531.31	-	69,531.31
4	Survey	1	LS	8,850.00	100.00	-	8,850.00	-	8,850.00
<b>Sub-total Concrete</b>							<b>231,084.11</b>	<b>-</b>	<b>231,084.11</b>
<b>SIGNS &amp; MARKINGS</b>									
1	R1-1	4	EA	196.00	-	100.00	-	755.15	755.15
2	R1-1 w/ (2) D3-1	22	EA	232.00	8.70	91.30	446.93	4,692.73	5,139.66
3	D3-1 w/ D3-1	2	EA	232.00	-	100.00	-	446.93	446.93
4	W1-7	5	EA	196.00	-	100.00	-	943.94	943.94
5	W1-6R w/ W1-6L	1	EA	232.00	-	100.00	-	223.46	223.46
6	OM-1 w/ Red Reflectors	14	EA	196.00	-	100.00	-	2,831.82	2,831.82
7	6" Double Yellow (P)	1,411	LF	1.20	-	100.00	-	1,693.31	1,693.31
8	6" White (P)	1,348	LF	0.80	28.57	71.43	308.23	770.56	1,078.79
9	6" Yellow (P)	684	LF	0.80	-	100.00	-	547.10	547.10
10	12" White (P)	1,296	LF	1.55	-	100.00	-	2,008.04	2,008.04
11	18" White (P)	14	LF	1.95	-	100.00	-	28.17	28.17
12	18" Yellow (P)	39	LF	1.95	-	100.00	-	75.13	75.13
13	24" White (P)	409	LF	2.20	5.65	94.35	50.86	849.74	900.60
14	6" Double Yellow (T)	1,411	LF	1.66	-	100.00	-	2,342.42	2,342.42
15	6" White (T)	1,348	LF	1.10	28.57	71.43	423.81	1,059.52	1,483.33
16	6" Yellow (T)	684	LF	1.10	-	100.00	-	752.26	752.26
17	12" White (T)	1,296	LF	2.50	-	100.00	-	3,238.77	3,238.77
18	18" White (T)	14	LF	2.95	-	100.00	-	42.62	42.62
19	18" Yellow (T)	39	LF	2.95	-	100.00	-	113.66	113.66
20	24" White (T)	409	LF	3.30	5.65	94.35	76.29	1,274.60	1,350.89
21	White Directional Arrow (T)	6	EA	69.00	-	100.00	-	398.77	398.77
22	Parallel Parking Stall (P)	42	EA	5.00	-	100.00	-	211.90	211.90
23	Double Parking Stall (P)	281	EA	7.00	-	100.00	-	1,968.79	1,968.79
24	Concrete Wheelstops (no paint) As Shown Per Sheet ST-1 & ST-2	19	EA	42.00	-	100.00	-	809.09	809.09
25	Loading Zone (P)	2	EA	200.00	-	100.00	-	385.28	385.28
26	RPMs Amber / Amber	148	EA	6.00	-	100.00	-	890.00	890.00
27	RPMs Blue	17	EA	6.00	-	100.00	-	104.03	104.03

28	Survey	1	LS	2,440.00	2.00	98.00	48.80	2,391.20	2,440.00
<b>Grand Total Signs &amp; Markings</b>							<b>1,354.90</b>	<b>31,849.01</b>	<b>33,203.91</b>
<b>STORM DRAIN: ONSITE</b>									
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	3,015	LF	137.00	100.00	-	413,031.63	-	413,031.63
2	24" HDPE Outfall Predicated On 24" HDPE	313	LF	78.00	100.00	-	24,417.23	-	24,417.23
3	18" HDPE	3,260	LF	52.29	100.00	-	170,488.75	-	170,488.75
4	15" HDPE	429	LF	46.79	100.00	-	20,055.41	-	20,055.41
5	Pipe Bedding	872	TN	29.00	100.00	-	25,279.30	-	25,279.30
6	Catch Basin "D-3" w/ USF 4700-6223 Structure #37A & #40A Not Included In Phase III Scope	37	EA	3,650.00	100.00	-	133,596.44	-	133,596.44
7	Valley Inlet 48" x 48" w/ USF 5112-6143	73	EA	3,650.00	100.00	-	267,192.87	-	267,192.87
8	Curb Inlet 48" Dia. w/ USF 5129-6176	4	EA	3,750.00	100.00	-	14,448.06	-	14,448.06
9	Storm Manhole 48" Dia. w/ USF 310	10	EA	3,700.00	100.00	-	35,638.56	-	35,638.56
10	Control Structure 48" x 72" w/ (2) USF 310	2	EA	7,250.00	100.00	-	13,966.46	-	13,966.46
11	Concrete Collar for Catch Basin	37	EA	385.00	100.00	-	14,091.68	-	14,091.68
12	PRB's for 18" FD (CMP) Per Sheet PD-4, Structure Table	43	EA	670.00	100.00	-	29,040.61	-	29,040.61
13	18" Endcap HDPE	76	EA	250.00	100.00	-	19,023.28	-	19,023.28
14	Concrete Endwall for 24" HDPE Outfall	2	EA	3,600.00	100.00	-	6,935.07	-	6,935.07
15	Filter Fabric in Grates	114	EA	25.00	100.00	-	2,841.45	-	2,841.45
16	Vacuum Structures For Derm Walk-Through	125	EA	275.00	100.00	-	34,434.55	-	34,434.55
17	Survey	1	LS	9,850.00	100.00	-	9,850.00	-	9,850.00
<b>Grand Total Storm Drain</b>							<b>1,234,331.35</b>	<b>-</b>	<b>1,234,331.35</b>
<b>WATER: ONSITE</b>									
1	8" DIP	6,203	LF	69.00	100.00	-	428,009.46	-	428,009.46
2	6" DIP	308	LF	55.00	100.00	-	16,952.40	-	16,952.40
3	BlueLine Paint Water Main	6,511	LF	0.40	100.00	-	2,604.50	-	2,604.50
4	Pipe Bedding for Water Main	1,445	TN	29.00	100.00	-	41,899.39	-	41,899.39
5	Fire Hydrant w/ Mega Lug	17	EA	4,400.00	100.00	-	76,285.78	-	76,285.78
6	8" Gate Valve & Box w/ Mega Lug	33	EA	2,650.00	100.00	-	86,784.71	-	86,784.71
7	6" Gate Valve & Box w/ Mega Lug	17	EA	2,100.00	100.00	-	36,409.12	-	36,409.12
8	8" x 8" Tee w/ Mega Lug	16	EA	1,450.00	100.00	-	23,742.99	-	23,742.99
9	8" x 6" Tee w/ Mega Lug	17	EA	1,250.00	100.00	-	21,672.10	-	21,672.10
10	8" 90 Bend w/ Mega Lug	6	EA	890.00	100.00	-	5,143.51	-	5,143.51
11	8" 45 Bend w/ Mega Lug	4	EA	890.00	100.00	-	3,429.01	-	3,429.01
12	8" 45 Offset Bend w/ Mega Lug	40	EA	890.00	100.00	-	36,004.58	-	36,004.58
13	8" 22 Bend w/ Mega Lug	1	EA	890.00	100.00	-	857.25	-	857.25
14	8" 11 Bend w/ Mega Lug	12	EA	890.00	100.00	-	10,287.02	-	10,287.02
15	6" 45 Offset Bend w/ Mega Lug	21	EA	550.00	100.00	-	11,654.77	-	11,654.77
16	8" Cap Tap 2" w/ Mega Lug	5	EA	450.00	100.00	-	2,167.21	-	2,167.21
17	2" FVO Ass'y.	5	EA	1,250.00	100.00	-	6,020.03	-	6,020.03
18	1" Double Water Service	112	EA	1,220.00	100.00	-	136,312.67	-	136,312.67
19	1" Single Water Service	35	EA	1,220.00	100.00	-	42,303.93	-	42,303.93
20	Wood Stakes	146	EA	11.00	100.00	-	1,610.48	-	1,610.48
21	8" Pipe Joint Restraint	136	EA	280.00	100.00	-	38,027.31	-	38,027.31
22	8" Fill & Flush Connection	2	EA	1,850.00	100.00	-	3,563.86	-	3,563.86
23	Air Release Valve Ass'y. (manual)	1	EA	3,250.00	100.00	-	3,130.41	-	3,130.41
24	HRS & Sample Points	1	LS	1,890.00	100.00	-	1,820.46	-	1,820.46
25	Survey	1	LS	7,850.00	100.00	-	7,850.00	-	7,850.00
<b>Sub-total Water</b>							<b>1,044,542.95</b>	<b>-</b>	<b>1,044,542.95</b>
<b>SAN. SEWER</b>									
1	6" PVC SDR-26 DIP Sewer Lateral Crossing Not Included, Per Lennar	9,406	LF	27.50	100.00	-	258,656.47	-	258,656.47
2	8" PVC SDR-26 0/6	2,835	LF	47.00	100.00	-	133,231.38	-	133,231.38
3	8" PVC SDR-26 6/8	2,218	LF	47.00	100.00	-	104,258.20	-	104,258.20
4	8" PVC SDR-26 8/10	745	LF	50.00	100.00	-	37,227.85	-	37,227.85
5	8" PVC SDR-26 10/12	11	LF	59.00	100.00	-	625.12	-	625.12

6	Pipe Bedding for Sewer Laterals	1,941	TN	29.00	100.00	-	56,284.84	-	56,284.84
7	Manhole 0/6	20	EA	3,300.00	100.00	-	66,750.06	-	66,750.06
8	Manhole 6/8	16	EA	3,600.00	100.00	-	58,948.10	-	58,948.10
9	Manhole 8/10	9	EA	3,900.00	100.00	-	33,808.47	-	33,808.47
10	Shrink Wrap/ PPC	45	EA	620.00	100.00	-	28,067.77	-	28,067.77
11	6" Coupling PVC SDR-26	25	EA	200.00	100.00	-	5,008.66	-	5,008.66
12	8" Coupling PVC SDR-26	90	EA	240.00	100.00	-	21,498.72	-	21,498.72
13	6" Manhole Adaptor PVC SDR-26	25	EA	210.00	100.00	-	5,259.10	-	5,259.10
14	8" Manhole Adaptor PVC SDR-26	90	EA	260.00	100.00	-	23,290.28	-	23,290.28
15	8" x 6" Wye PVC SDR-26	233	EA	280.00	100.00	-	65,266.72	-	65,266.72
16	6" 45° Bend PVC SDR-26	645	EA	100.00	100.00	-	64,534.69	-	64,534.69
17	6" Cap PVC SDR-26	258	EA	54.00	100.00	-	13,939.49	-	13,939.49
18	6" Cleanout Ass'y. PVC SDR-26	258	EA	510.00	100.00	-	131,650.76	-	131,650.76
19	Rainstoppers	45	EA	90.00	100.00	-	4,074.35	-	4,074.35
20	Drop Connections	1	EA	1,945.00	100.00	-	1,873.43	-	1,873.43
21	Wood Stakes	258	EA	11.00	100.00	-	2,839.53	-	2,839.53
22	Trench Box	1	LS	24,060.00	100.00	-	23,174.70	-	23,174.70
23	Clean Sanitary Sewer (1 time only)	5,808	LF	1.55	100.00	-	9,002.59	-	9,002.59
24	Survey	1	LS	14,297.75	100.00	-	14,297.75	-	14,297.75
<b>Sub-total Sanitary Sewer</b>							<b>1,163,569.03</b>	<b>-</b>	<b>1,163,569.03</b>
<b>TOTAL ORIGINAL CONTRACT</b>							<b>3,688,042.92</b>	<b>697,438.25</b>	<b>4,385,481.17</b>
<b>CHANGE ORDERS</b>									
<b>CHANGE ORDER #1</b>									
1	Guardrail (straight)	82	LF	45.95	-	100.00	-	3,762.04	3,762.04
2	Round Buffer End Sections	2	EA	350.00	-	100.00	-	674.24	674.24
<b>Sub-total Guardrail</b>							<b>-</b>	<b>4,436.28</b>	<b>4,436.28</b>
1	24" White (P)	6	LF	2.20	-	100.00	-	12.71	12.71
2	24" White (T)	6	LF	3.30	-	100.00	-	19.07	19.07
3	Parallel Handicap Parking Stall w/ Sign	1	EA	201.00	-	100.00	-	193.60	193.60
4	Handicap Parking Stall w/ Sign & Logo	1	EA	203.00	-	100.00	-	195.53	195.53
5	Handicap Walkway (P)	2	EA	70.00	-	100.00	-	134.85	134.85
1	W1-7	(3)	EA	196.00	-	100.00	-	(566.36)	(566.36)
2	6" Double Yellow (P)	(46)	LF	1.20	-	100.00	-	(55.48)	(55.48)
3	6" Double Yellow (T)	(46)	LF	1.66	-	100.00	-	(76.75)	(76.75)
4	Parallel Parking Stall (P)	(1)	EA	5.00	-	100.00	-	(4.82)	(4.82)
5	Double Parking Stall (P)	(1)	EA	7.00	-	100.00	-	(6.74)	(6.74)
<b>Sub-total Sign &amp; Markings</b>							<b>-</b>	<b>(154.39)</b>	<b>(154.39)</b>
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	(23)	LF	137.00	100.00	-	(3,167.02)	-	(3,167.02)
2	18" HDPE	(10)	LF	52.29	100.00	-	(503.66)	-	(503.66)
3	Catch Basin "D-3" w/ USF 4700-6223	(2)	EA	3,650.00	100.00	-	(7,031.39)	-	(7,031.39)
4	Concrete Collar for Catch Basin	(2)	EA	385.00	100.00	-	(741.67)	-	(741.67)
5	PRB's for 18" FD (CMP)	(2)	EA	670.00	100.00	-	(1,290.69)	-	(1,290.69)
6	18" Endcap HDPE	(2)	EA	250.00	100.00	-	(481.60)	-	(481.60)
7	Filter Fabric in Grates	(2)	EA	25.00	100.00	-	(48.16)	-	(48.16)
8	Vacuum Structures For Derm Walk-Through	(2)	EA	275.00	100.00	-	(529.76)	-	(529.76)
<b>Sub-total Storm Drain</b>							<b>(13,793.95)</b>	<b>-</b>	<b>(13,793.95)</b>
1	8" DIP	5	LF	69.00	100.00	-	332.31	-	332.31
2	6" DIP	19	LF	55.00	100.00	-	1,059.52	-	1,059.52
3	Blueline Paint Water Main	24	LF	0.40	100.00	-	9.63	-	9.63
4	Fire Hydrant w/ Mega Lug	1	EA	4,400.00	100.00	-	4,238.10	-	4,238.10
5	6" Gate Valve & Box w/ Mega Lug	1	EA	2,100.00	100.00	-	2,022.73	-	2,022.73
1	8" x 6" Tee w/ Mega Lug	1	EA	1,250.00	100.00	-	1,204.01	-	1,204.01
2	8" 45 Offset Bend w/ Mega Lug	2	EA	890.00	100.00	-	1,714.50	-	1,714.50
3	6" 45 Offset Bend w/ Mega Lug	2	EA	550.00	100.00	-	1,059.52	-	1,059.52

4	Air Release Valve Ass'y. (manual)	1	EA	3,250.00	100.00	-	3,130.41	-	3,130.41
<b>Sub-total Water</b>							<b>14,770.73</b>	<b>-</b>	<b>14,770.73</b>
1	8" DIP Epoxy Coated 0/6	23	LF	114.00	100.00	-	2,635.33	-	2,635.33
2	8" Coupling DIP	2	EA	975.00	100.00	-	1,878.25	-	1,878.25
3	8" Manhole Adaptor DIP	2	EA	1,050.00	100.00	-	2,022.73	-	2,022.73
4	8" PVC SDR-26 0/6	(23)	LF	47.00	100.00	-	(1,086.49)	-	(1,086.49)
5	8" Coupling PVC SDR-26	(2)	EA	240.00	100.00	-	(462.34)	-	(462.34)
1	8" Manhole Adaptor PVC SDR-26	(2)	EA	260.00	100.00	-	(500.87)	-	(500.87)
<b>Sub-total Sanitary Sewer</b>							<b>4,486.61</b>	<b>-</b>	<b>4,486.61</b>
<b>Grand Total Change Order #1</b>							<b>5,463.39</b>	<b>4,281.89</b>	<b>9,745.28</b>
<b>TOTAL ORIGINAL CONTRACT &amp; CHANGE ORDERS</b>							<b>3,693,506.31</b>	<b>701,720.14</b>	<b>4,395,226.45</b>

<b>OTHER COSTS (PHASE 4)</b>									
1	Soft Cost and Contingency	15%	%	4,395,226	84.03	15.97	554,025.95	105,258.02	659,283.97
2	Entry Features	2	EA	100,000	100.00		200,000.00	-	200,000.00
3	Water Conn. Fee (83 Townhomes and 126 Villas @ 165 GPD)	34,485	GPD	1.39	100.00		47,934.15	-	47,934.15
4	Sewer Conn Fees (83 Townhomes and 126 Villas @ 165 GPD)	34,485	GPD	5.60	100.00		193,116.00	-	193,116.00
5	Mobility Impact Fees for (83 Townhomes and 126 Villas Per MDC 12/2	209	EA	8,112.00	100.00		1,695,408.00	-	1,695,408.00
<b>Sub-total Other Costs</b>							<b>2,690,484.10</b>	<b>105,258.02</b>	<b>2,795,742.12</b>
<b>GRAND TOTAL</b>							<b>6,383,990.41</b>	<b>806,978.16</b>	<b>7,190,968.57</b>

<b>Summary of EAST PALM DRIVE CDD Estimated Construction Costs and Schedule of Construction (PHASE 4)</b>			
Item Description	Cost*	Begin	End
	(\$)	Quarter/Year	Quarter/Year
Roadway Improvements Including Miami-Dade Mobility Impact Fees for 83 Townhomes and 126 Villas	1,943,000	Q1/2025	Q3/2025
Stormwater Management and Drainage	1,670,000	Q1/2024	Q2/2025
Water Distribution System, Including Water Connection Fees for 83 Townhomes and 126 Villas	1,267,000	Q3/2024	Q2/2025
Sanitary Sewer System, Including Connection Fees for 83 Townhomes and 126 Villas	1,537,000	Q3/2024	Q2/2025
<b>Total</b>	<b>6,417,000</b>		

**East Palm Drive CDD  
Estimate of Construction Costs  
Phase 5 Work**

Item No.	Description of Work	Quantity	Unit	Unit Price (\$/Unit)	Proportion (%)		Estimated Cost (\$)		
					CDD	Non-CDD	CDD	Non-CDD	Total
<b>PAVEMENT: ASPHALT</b>									
1	12" Compacted Subgrade	44,237	SY	1.09	1.97	98.03	947.94	47,269.86	48,217.80
2	8" Rock Base	41,936	SY	11.65	1.97	98.03	9,604.72	478,947.92	488,552.64
3	3/4" Type S-III Asphalt (1st Lift)	39,749	SY	6.17	1.97	98.03	4,821.54	240,430.28	245,251.82
4	3/4" Type S-III Asphalt (2nd Lift)	39,749	SY	6.17	1.97	98.03	4,821.54	240,430.28	245,251.82
5	Survey	1	LS	17,850.00	1.97	98.03	350.92	17,499.08	17,850.00
<b>Sub-total Pavement</b>							<b>20,546.65</b>	<b>1,024,577.43</b>	<b>1,045,124.08</b>
<b>GUARDRAIL: ONSITE</b>									
1	Guardrail (straight)	197	LF	45.95	-	100.00	-	9,071.29	9,071.29
2	Round Buffer End Sections	15	EA	350.00	-	100.00	-	5,315.06	5,315.06
3	Survey	1	LS	200.00	-	100.00	-	200.00	200.00
<b>Sub-total Guardrail</b>							<b>-</b>	<b>14,586.35</b>	<b>14,586.35</b>
<b>CONCRETE: ONSITE</b>									
1	2' Valley Gutter	16,788	LF	13.25	100.00	-	222,441.09	-	222,441.09
2	2' Type "F" Curb & Gutter	1,382	LF	13.25	100.00	-	18,310.39	-	18,310.39
3	6" x 12" Type "D" Curb	10,440	LF	10.50	100.00	-	109,623.18	-	109,623.18
4	Survey	1	LS	8,850.00	100.00	-	8,850.00	-	8,850.00
<b>Sub-total Concrete</b>							<b>359,224.66</b>	<b>-</b>	<b>359,224.66</b>
<b>SIGNS &amp; MARKINGS</b>									
1	R1-1	6	EA	196.00	-	100.00	-	1,190.57	1,190.57
2	R1-1 w/ (2) D3-1	35	EA	232.00	8.70	91.30	704.63	7,398.56	8,103.19
3	D3-1 w/ D3-1	3	EA	232.00	-	100.00	-	704.63	704.63
4	W1-7	8	EA	196.00	-	100.00	-	1,488.22	1,488.22
5	W1-6R w/ W1-6L	2	EA	232.00	-	100.00	-	352.31	352.31
6	OM-1 w/ Red Reflectors	23	EA	196.00	-	100.00	-	4,464.65	4,464.65
7	6" Double Yellow (P)	2,225	LF	1.20	-	100.00	-	2,669.68	2,669.68
8	6" White (P)	2,126	LF	0.80	28.57	71.43	485.95	1,214.87	1,700.82
9	6" Yellow (P)	1,078	LF	0.80	-	100.00	-	862.56	862.56
10	12" White (P)	2,043	LF	1.55	-	100.00	-	3,165.88	3,165.88
11	18" White (P)	23	LF	1.95	-	100.00	-	44.42	44.42
12	18" Yellow (P)	61	LF	1.95	-	100.00	-	118.45	118.45
13	24" White (P)	645	LF	2.20	5.65	94.35	80.18	1,339.70	1,419.88
14	6" Double Yellow (T)	2,225	LF	1.66	-	100.00	-	3,693.06	3,693.06
15	6" White (T)	2,126	LF	1.10	28.57	71.43	668.18	1,670.45	2,338.63
16	6" Yellow (T)	1,078	LF	1.10	-	100.00	-	1,186.02	1,186.02
17	12" White (T)	2,043	LF	2.50	-	100.00	-	5,106.26	5,106.26
18	18" White (T)	23	LF	2.95	-	100.00	-	67.20	67.20
19	18" Yellow (T)	61	LF	2.95	-	100.00	-	179.19	179.19
20	24" White (T)	645	LF	3.30	5.65	94.35	120.27	2,009.55	2,129.82
21	White Directional Arrow (T)	9	EA	69.00	-	100.00	-	628.70	628.70
22	Parallel Parking Stall (P)	67	EA	5.00	-	100.00	-	334.09	334.09
23	Double Parking Stall (P)	443	EA	7.00	-	100.00	-	3,104.00	3,104.00
24	Concrete Wheelstops (no paint) As Shown Per Sheet ST-1 & ST-2	30	EA	42.00	-	100.00	-	1,275.62	1,275.62
25	Loading Zone (P)	3	EA	200.00	-	100.00	-	607.44	607.44
26	RPMs Amber / Amber	234	EA	6.00	-	100.00	-	1,403.18	1,403.18
27	RPMs Blue	27	EA	6.00	-	100.00	-	164.01	164.01



28	Survey	1	LS	2,440.00	2.00	98.00	48.80	2,391.20	2,440.00
<b>Grand Total Signs &amp; Markings</b>							<b>2,108.01</b>	<b>48,834.47</b>	<b>50,942.48</b>
<b>STORM DRAIN: ONSITE</b>									
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	4,753	LF	137.00	100.00	-	651,186.36	-	651,186.36
2	24" HDPE Outfall Predicated On 24" HDPE	494	LF	78.00	100.00	-	38,496.24	-	38,496.24
3	18" HDPE	5,140	LF	52.29	100.00	-	268,792.85	-	268,792.85
4	15" HDPE	676	LF	46.79	100.00	-	31,619.39	-	31,619.39
5	Pipe Bedding	1,374	TN	29.00	100.00	-	39,855.38	-	39,855.38
6	Catch Basin "D-3" w/ USF 4700-6223 Structure #37A & #40A Not Included In Phase III Scope	58	EA	3,650.00	100.00	-	210,628.36	-	210,628.36
7	Valley Inlet 48" x 48" w/ USF 5112-6143	115	EA	3,650.00	100.00	-	421,256.73	-	421,256.73
8	Curb Inlet 48" Dia. w/ USF 5129-6176	6	EA	3,750.00	100.00	-	22,778.84	-	22,778.84
9	Storm Manhole 48" Dia. w/ USF 310	15	EA	3,700.00	100.00	-	56,187.81	-	56,187.81
10	Control Structure 48" x 72" w/ (2) USF 310	3	EA	7,250.00	100.00	-	22,019.55	-	22,019.55
11	Concrete Collar for Catch Basin	58	EA	385.00	100.00	-	22,216.96	-	22,216.96
12	PRB's for 18" FD (CMP) Per Sheet PD-4, Structure Table	68	EA	670.00	100.00	-	45,785.47	-	45,785.47
13	18" Endcap HDPE	120	EA	250.00	100.00	-	29,992.14	-	29,992.14
14	Concrete Endwall for 24" HDPE Outfall	3	EA	3,600.00	100.00	-	10,933.84	-	10,933.84
15	Filter Fabric in Grates	179	EA	25.00	100.00	-	4,479.84	-	4,479.84
16	Vacuum Structures For Derm Walk-Through	197	EA	275.00	100.00	-	54,289.57	-	54,289.57
17	Survey	1	LS	9,850.00	100.00	-	9,850.00	-	9,850.00
<b>Grand Total Storm Drain</b>							<b>1,940,369.33</b>	<b>-</b>	<b>1,940,369.33</b>
<b>WATER: ONSITE</b>									
1	8" DIP	9,780	LF	69.00	100.00	-	674,800.43	-	674,800.43
2	6" DIP	486	LF	55.00	100.00	-	26,727.18	-	26,727.18
3	BlueLine Paint Water Main	10,266	LF	0.40	100.00	-	4,106.27	-	4,106.27
4	Pipe Bedding for Water Main	2,278	TN	29.00	100.00	-	66,058.64	-	66,058.64
5	Fire Hydrant w/ Mega Lug	27	EA	4,400.00	100.00	-	120,272.29	-	120,272.29
6	8" Gate Valve & Box w/ Mega Lug	52	EA	2,650.00	100.00	-	136,824.91	-	136,824.91
7	6" Gate Valve & Box w/ Mega Lug	27	EA	2,100.00	100.00	-	57,402.68	-	57,402.68
8	8" x 8" Tee w/ Mega Lug	26	EA	1,450.00	100.00	-	37,433.23	-	37,433.23
9	8" x 6" Tee w/ Mega Lug	27	EA	1,250.00	100.00	-	34,168.26	-	34,168.26
10	8" 90 Bend w/ Mega Lug	9	EA	890.00	100.00	-	8,109.27	-	8,109.27
11	8" 45 Bend w/ Mega Lug	6	EA	890.00	100.00	-	5,406.18	-	5,406.18
12	8" 45 Offset Bend w/ Mega Lug	64	EA	890.00	100.00	-	56,764.88	-	56,764.88
13	8" 22 Bend w/ Mega Lug	2	EA	890.00	100.00	-	1,351.54	-	1,351.54
14	8" 11 Bend w/ Mega Lug	18	EA	890.00	100.00	-	16,218.54	-	16,218.54
15	6" 45 Offset Bend w/ Mega Lug	33	EA	550.00	100.00	-	18,374.93	-	18,374.93
16	8" Cap Tap 2" w/ Mega Lug	8	EA	450.00	100.00	-	3,416.83	-	3,416.83
17	2" FVO Ass'y.	8	EA	1,250.00	100.00	-	9,491.18	-	9,491.18
18	1" Double Water Service	176	EA	1,220.00	100.00	-	214,910.79	-	214,910.79
19	1" Single Water Service	55	EA	1,220.00	100.00	-	66,696.45	-	66,696.45
20	Wood Stakes	231	EA	11.00	100.00	-	2,539.08	-	2,539.08
21	8" Pipe Joint Restraint	214	EA	280.00	100.00	-	59,953.91	-	59,953.91
22	8" Fill & Flush Connection	3	EA	1,850.00	100.00	-	5,618.78	-	5,618.78
23	Air Release Valve Ass'y. (manual)	2	EA	3,250.00	100.00	-	4,935.42	-	4,935.42
24	HRS & Sample Points	2	LS	1,890.00	100.00	-	2,870.13	-	2,870.13
25	Survey	1	LS	7,850.00	100.00	-	7,850.00	-	7,850.00
<b>Sub-total Water</b>							<b>1,642,301.80</b>	<b>-</b>	<b>1,642,301.80</b>
<b>SAN. SEWER</b>									
1	6" PVC SDR-26 DIP Sewer Lateral Crossing Not Included, Per Lennar	14,829	LF	27.50	100.00	-	407,798.23	-	407,798.23
2	8" PVC SDR-26 0/6	4,469	LF	47.00	100.00	-	210,052.82	-	210,052.82
3	8" PVC SDR-26 6/8	3,497	LF	47.00	100.00	-	164,373.65	-	164,373.65
4	8" PVC SDR-26 8/10	1,174	LF	50.00	100.00	-	58,693.48	-	58,693.48
5	8" PVC SDR-26 10/12	17	LF	59.00	100.00	-	985.56	-	985.56

6	Pipe Bedding for Sewer Laterals	3,060	TN	29.00	100.00	-	88,738.78	-	88,738.78
7	Manhole 0/6	32	EA	3,300.00	100.00	-	105,238.25	-	105,238.25
8	Manhole 6/8	26	EA	3,600.00	100.00	-	92,937.68	-	92,937.68
9	Manhole 8/10	14	EA	3,900.00	100.00	-	53,302.49	-	53,302.49
10	Shrink Wrap/ PPC	71	EA	620.00	100.00	-	44,251.70	-	44,251.70
11	6" Coupling PVC SDR-26	39	EA	200.00	100.00	-	7,896.67	-	7,896.67
12	8" Coupling PVC SDR-26	141	EA	240.00	100.00	-	33,894.92	-	33,894.92
13	6" Manhole Adaptor PVC SDR-26	39	EA	210.00	100.00	-	8,291.50	-	8,291.50
14	8" Manhole Adaptor PVC SDR-26	141	EA	260.00	100.00	-	36,719.49	-	36,719.49
15	8" x 6" Wye PVC SDR-26	367	EA	280.00	100.00	-	102,899.62	-	102,899.62
16	6" 45° Bend PVC SDR-26	1,017	EA	100.00	100.00	-	101,745.50	-	101,745.50
17	6" Cap PVC SDR-26	407	EA	54.00	100.00	-	21,977.03	-	21,977.03
18	6" Cleanout Ass'y. PVC SDR-26	407	EA	510.00	100.00	-	207,560.81	-	207,560.81
19	Rainstoppers	71	EA	90.00	100.00	-	6,423.63	-	6,423.63
20	Drop Connections	2	EA	1,945.00	100.00	-	2,953.66	-	2,953.66
21	Wood Stakes	407	EA	11.00	100.00	-	4,476.80	-	4,476.80
22	Trench Box	2	LS	24,060.00	100.00	-	36,537.26	-	36,537.26
23	Clean Sanitary Sewer (1 time only)	9,157	LF	1.55	100.00	-	14,193.50	-	14,193.50
24	Survey	1	LS	14,297.75	100.00	-	14,297.75	-	14,297.75
<b>Sub-total Sanitary Sewer</b>							<b>1,826,240.78</b>	<b>-</b>	<b>1,826,240.78</b>
<b>TOTAL ORIGINAL CONTRACT</b>							<b>5,790,791.23</b>	<b>1,087,998.25</b>	<b>6,878,789.48</b>
<b>CHANGE ORDERS</b>									
<b>CHANGE ORDER #1</b>									
1	Guardrail (straight)	129	LF	45.95	-	100.00	-	5,931.23	5,931.23
2	Round Buffer End Sections	3	EA	350.00	-	100.00	-	1,063.01	1,063.01
<b>Sub-total Guardrail</b>							<b>-</b>	<b>6,994.24</b>	<b>6,994.24</b>
1	24" White (P)	9	LF	2.20	-	100.00	-	20.05	20.05
2	24" White (T)	9	LF	3.30	-	100.00	-	30.07	30.07
3	Parallel Handicap Parking Stall w/ Sign	2	EA	201.00	-	100.00	-	305.24	305.24
4	Handicap Parking Stall w/ Sign & Logo	2	EA	203.00	-	100.00	-	308.27	308.27
5	Handicap Walkway (P)	3	EA	70.00	-	100.00	-	212.60	212.60
1	W1-7	(5)	EA	196.00	-	100.00	-	(892.93)	(892.93)
2	6" Double Yellow (P)	(73)	LF	1.20	-	100.00	-	(87.47)	(87.47)
3	6" Double Yellow (T)	(73)	LF	1.66	-	100.00	-	(121.00)	(121.00)
4	Parallel Parking Stall (P)	(2)	EA	5.00	-	100.00	-	(7.59)	(7.59)
5	Double Parking Stall (P)	(2)	EA	7.00	-	100.00	-	(10.63)	(10.63)
<b>Sub-total Sign &amp; Markings</b>							<b>-</b>	<b>(243.39)</b>	<b>(243.39)</b>
1	18" French Drain w/ P-HDPE (3.5' x 15' Trench)	(36)	LF	137.00	100.00	-	(4,993.12)	-	(4,993.12)
2	18" HDPE	(15)	LF	52.29	100.00	-	(794.07)	-	(794.07)
3	Catch Basin "D-3" w/ USF 4700-6223	(3)	EA	3,650.00	100.00	-	(11,085.70)	-	(11,085.70)
4	Concrete Collar for Catch Basin	(3)	EA	385.00	100.00	-	(1,169.31)	-	(1,169.31)
5	PRB's for 18" FD (CMP)	(3)	EA	670.00	100.00	-	(2,034.91)	-	(2,034.91)
6	18" Endcap HDPE	(3)	EA	250.00	100.00	-	(759.29)	-	(759.29)
7	Filter Fabric in Grates	(3)	EA	25.00	100.00	-	(75.93)	-	(75.93)
8	Vacuum Structures For Derm Walk-Through	(3)	EA	275.00	100.00	-	(835.22)	-	(835.22)
<b>Sub-total Storm Drain</b>							<b>(21,747.55)</b>	<b>-</b>	<b>(21,747.55)</b>
1	8" DIP	8	LF	69.00	100.00	-	523.91	-	523.91
2	6" DIP	30	LF	55.00	100.00	-	1,670.45	-	1,670.45
3	Blueline Paint Water Main	38	LF	0.40	100.00	-	15.19	-	15.19
4	Fire Hydrant w/ Mega Lug	2	EA	4,400.00	100.00	-	6,681.79	-	6,681.79
5	6" Gate Valve & Box w/ Mega Lug	2	EA	2,100.00	100.00	-	3,189.04	-	3,189.04
1	8" x 6" Tee w/ Mega Lug	2	EA	1,250.00	100.00	-	1,898.24	-	1,898.24
2	8" 45 Offset Bend w/ Mega Lug	3	EA	890.00	100.00	-	2,703.09	-	2,703.09
3	6" 45 Offset Bend w/ Mega Lug	3	EA	550.00	100.00	-	1,670.45	-	1,670.45

4	Air Release Valve Ass'y. (manual)	2	EA	3,250.00	100.00	-	4,935.42	-	4,935.42
<b>Sub-total Water</b>							<b>23,287.58</b>	<b>-</b>	<b>23,287.58</b>
1	8" DIP Epoxy Coated 0/6	36	LF	114.00	100.00	-	4,154.86	-	4,154.86
2	8" Coupling DIP	3	EA	975.00	100.00	-	2,961.25	-	2,961.25
3	8" Manhole Adaptor DIP	3	EA	1,050.00	100.00	-	3,189.04	-	3,189.04
4	8" PVC SDR-26 0/6	(36)	LF	47.00	100.00	-	(1,712.97)	-	(1,712.97)
5	8" Coupling PVC SDR-26	(3)	EA	240.00	100.00	-	(728.92)	-	(728.92)
1	8" Manhole Adaptor PVC SDR-26	(3)	EA	260.00	100.00	-	(789.67)	-	(789.67)
<b>Sub-total Sanitary Sewer</b>							<b>7,073.59</b>	<b>-</b>	<b>7,073.59</b>
<b>Grand Total Change Order #1</b>							<b>8,613.62</b>	<b>6,750.85</b>	<b>15,364.47</b>
<b>TOTAL ORIGINAL CONTRACT &amp; CHANGE ORDERS</b>							<b>5,799,404.85</b>	<b>1,094,749.10</b>	<b>6,894,153.95</b>

<b>OTHER COSTS (PHASE 5)</b>									
1	Soft Cost and Contingency	15%	%	6,894,154	84.12	15.88	869,910.72	164,212.37	1,034,123.09
2	Entry Features	3	EA	100,000	100.00		300,000.00	-	300,000.00
3	Water Conn. Fee (266 Townhomes and 157 Villas @ 165 GPD)	69,795	GPD	1.39	100.00		97,015.05	-	97,015.05
4	Sewer Conn Fees (266 Townhomes and 157 Villas @ 165 GPD)	69,795	GPD	5.60	100.00		390,852.00	-	390,852.00
5	Mobility Impact Fees for (266 Townhomes and 157 Villas Per MDC 12)	423	EA	8,112.00	100.00		3,431,376.00	-	3,431,376.00
<b>Sub-total Other Costs</b>							<b>5,089,153.77</b>	<b>164,212.37</b>	<b>5,253,366.14</b>
<b>GRAND TOTAL</b>							<b>10,888,558.62</b>	<b>1,258,961.47</b>	<b>12,147,520.09</b>

<b>Summary of EAST PALM DRIVE CDD Estimated Construction Costs and Schedule of Construction (PHASE 5)</b>			
Item Description	Cost*	Begin	End
	(\$)	Quarter/Year	Quarter/Year
Roadway Improvements Including Miami-Dade Mobility Impact Fees for 266 Townhomes and 157 Villas	3,803,000	Q1/2025	Q3/2025
Stormwater Management and Drainage	2,620,000	Q3/2024	Q2/2025
Water Distribution System, Including Water Connection Fees for 266 Townhomes and 157 Villas	2,013,000	Q3/2024	Q2/2025
Sanitary Sewer System, Including Connection Fees for 266 Townhomes and 157 Villas	2,500,000	Q3/2024	Q2/2025
<b>Total</b>	<b>10,936,000</b>		