

Key West High School Backyard Design Build

2100 Flagler Avenue
Key West, FL 33040

Schematic Design Phase Report

April 2, 2020



Ajax Building Company, LLC
109 Commerce Blvd.
Oldsmar, FL 34677



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EXECUTIVE SUMMARY

Ajax Building Company, LLC is pleased to present this Schematic Design Phase Report for the Key West High School Backyard Design Build for consideration by Monroe County School District. This Schematic Design Phase Report will recap the status of the project through the end of the Schematic Design Phase and will provide estimate, schedule and other project information to be utilized by the project team as the project moves forward.

Project Description

The project consists of the replacement of the existing Multipurpose Field, Softball Field, Bull Pens and Batting Cages with synthetic turf and replacement of the existing track with a rubberized track surface. A new Concessions Building, Bleachers and Pressbox will be provided at the Multipurpose Field. Relocated bleachers, a removable outfield fence and a movable Pressbox will be provided at the Softball Field. A new covered structure will be provided at the stairs adjacent to the Gymnasium as the new ticketing booth and entry point to the Backyard.

Schematic Design Phase Estimate

Ajax Building Company, LLC is confident that the Schematic Design Phase Estimate included herein is representative of the proposed scope of work depicted in the Schematic Design Phase documents. The work included in the Schematic Design Phase Estimate is based upon the List of Documents included in Section II of this report subject to amendments by the Clarifications, Qualifications, and Assumptions contained in Section III of this report.

The Base Bid Schematic Design Phase Estimate for the Key West High School Backyard Design Build totals **\$11,707,173**. The Base Bid Estimate includes the new synthetic Multipurpose and Softball fields, Rubberized Track, new and relocated Bleachers, Pressboxes and new Concessions Building.

In addition to the Base Bid Estimate, Ajax Building Company, LLC has provided pricing for various Alternates in Section IV of this report for consideration by Monroe County School District. The following is a summary of the Alternates:

- | | | |
|--|-----|-----------|
| ▪ Alternate No. 1 – Repaving South Parking Lot | Add | \$282,112 |
|--|-----|-----------|

Project Schedule

The project schedule included within this report is based on the information represented in the Schematic Design Phase documents. The project schedule reflects an overall duration of six (6) months for the construction phase of the project.

The following are various Milestone Dates that are included within the project schedule:

- | | |
|--|-------------------|
| ▪ Mobilization / Start of Construction | July 8, 2020 |
| ▪ Substantial Completion | December 18, 2020 |
| ▪ Final Completion | January 19, 2021 |

In order for construction activities to commence on July 8, 2020 as scheduled, the following contractual activities will need to be completed as indicated:



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MONROE COUNTY SCHOOL DISTRICT
KEY WEST HIGH SCHOOL BACKYARD DESIGN BUILD

SCHEMATIC DESIGN PHASE REPORT

April 2, 2020

- | | |
|--|---------------|
| ▪ Early Release Site Lighting Direct Purchase Order Issued | May 19, 2020 |
| ▪ GMP Negotiations Complete | June 17, 2020 |
| ▪ CM Contract Amendment Executed | June 23, 2020 |
| ▪ Notice to Proceed | July 7, 2020 |

In order to expedite the project start-up activities, the Design Team, the Construction Manager and the Owner will be required to closely coordinate and expedite submittal review/approval, respond to information requests, respond to conflicts/unforeseen conditions, etc.



LIST OF DOCUMENTS

The work included in this Schematic Design Phase Report is based upon the List of Documents immediately following this narrative subject to amendments by 1) the Clarifications, Qualifications, and Assumptions, 2) the Allowance Schedule, 3) the accepted Value Engineering and Budget Options, 4) the Constructability Review Comments, 5) the Drawing Review Comments, and 6) the Specification Review Comments, contained in Sections III and V of this report.

The List of Documents includes the:

- Schematic Design Phase Drawings
- Other Documents (As Listed)



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SCHEMATIC DESIGN PHASE DRAWINGS

Entitled "Key West High School Backyard Renovation – Schematic Design" dated March 10, 2020

<u>Sheet</u>	<u>Description</u>	<u>Date</u>	<u>Revised</u>	<u>Revised</u>
	Survey			
	Topographic Survey of the Key West High School by Florida Keys Land Surveying	1/23/20		
	Civil			
C-100	DD Site Plan	3/10/20		
	Architectural			
AS-000	Architectural Site Plan	3/10/20		
AS-010	Site Details	3/10/20		
A-101	Floor Plan	3/10/20		
	Plumbing			
P-101	Plumbing Floor Plan	2/15/20		
P-102	Plumbing Site Plan	2/15/20		
	Mechanical			
M-101	HVAC Floor Plan	2/15/20		
	Electrical			
E-101	Electrical Site Plan – Demolition	2/15/20		
E-102	Electrical Site Plan	2/15/20		
	(END OF SCHEMATIC DESIGN PHASE DRAWINGS)			



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OTHER DOCUMENTS

<u>Reference</u>	<u>Description</u>	<u># Pages</u>	<u>Date</u>	<u>Revised</u>
	Geotechnical Report(s)			
	Report of Subsurface Exploration & Geotechnical Engineering Evaluation of Subsurface Conditions – Key West High School Athletic Improvements – Wingerter Testing Laboratories, Inc.	29	December 2019	
	Narrative(s)			
	Civil Design Narrative – Perez Engineering & Development, Inc.	2	3/10/20	
	Renderings			
	Entry Canopy Rendering	1	3/10/20	
	(END OF OTHER DOCUMENTS)			



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ESTIMATE NARRATIVE

Ajax Building Company, LLC is confident that the Schematic Design Phase Estimate included herein is representative of the proposed scope of work depicted in the Schematic Design Phase documents. The work included in the Schematic Design Phase Estimate is based upon the List of Documents included in Section II of this report subject to amendments by 1) the Clarifications, Qualifications, and Assumptions, 2) the Allowance Schedule, 3) the accepted Value Engineering and Budget Options, 4) the Constructability Review Comments, 5) the Drawing Review Comments, and 6) the Specification Review Comments, contained in Sections III and V of this report.

The Base Bid Estimate for the Key West High School Backyard Design Build totals **\$11,707,173**. The Base Bid Estimate includes [provide a summarized description of the scope of work included in the Base Bid Estimate].

In addition to the Base Bid Estimate, Ajax Building Company, LLC has provided pricing for various "Value Engineering and Budget Options" and "Alternates" for consideration by Monroe County School District, included in Sections III-G and IV respectively.



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MONROE COUNTY SCHOOL DISTRICT
KEY WEST HIGH SCHOOL BACKYARD DESIGN BUILD

SCHEMATIC DESIGN PHASE REPORT

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Schematic Design Phase Estimate:

BASE BID ESTIMATE

CM Summary Report

Cost Management Recap



Sort Sequences:

1. Sec
2. Divisions
3. Not Used
4. Not Used

Estimate File: :201939_024_KEY WEST HS BACKYARD_SCH_00.es

Estimator:

Primary Project Qty: 0 \$

Secondary Project Qty: 0 FLF

Estimate UM: Imperia

Report includes Taxes & Insurance.

8:25:38AM

3/26/2020

Description	Unit\$	Total \$
<u>NOTICE : This Document is considered proprietary information and shall not be distributed beyond the intended recipient without the express written consent of Ajax Building Company, LLC !!</u>		
Total Division 01 GENERAL REQUIREMENTS		\$811,965
Total Division 03 CONCRETE		\$489,719
Total Division 04 MASONRY		\$98,117
Total Division 05 METALS		\$49,019
Total Division 07 THERMAL & MOISTURE PROTECTION		\$98,448
Total Division 08 DOORS & WINDOWS		\$24,062
Total Division 09 FINISHES		\$30,640
Total Division 10 SPECIALTIES		\$31,846
Total Division 11 EQUIPMENT		\$167,959
Total Division 13 SPECIAL CONSTRUCTION		\$364,000
Total Division 22 PLUMBING		\$59,154
Total Division 23 HVAC WORK		\$50,358
Total Division 26 ELECTRICAL WORK		\$1,654,502
Total Division 27 COMMUNICATIONS SYSTEMS		\$17,514
Total Division 28 SAFETY & SECURITY SYSTEMS		\$59,689
Total Division 31 SITEWORK		\$811,727
Total Division 32 SITE IMPROVEMENTS		\$3,956,002
Total Division 33 SITE UTILITIES		\$839,256
Total Division 36 BONDS & INSURANCE		\$195,469
Total Division 37 WARRANTY		\$9,386
Total Division 45 DESIGN/CONSULTANTS FEES		\$697,338
Total Division 50 ESCALATION COSTS		\$97,734
Total Division 80 CONTINGENCY		\$490,351
Total Division 95 OVERHEAD & FEE		\$602,916
Total Sec BB BASE BID		\$11,707,173



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SCHEMATIC DESIGN PHASE REPORT

April 2, 2020

Schematic Design Phase Estimate:

BASE BID ESTIMATE

CM Detail Report

Cost Management Detail



Sort Sequences:

1. Sec
2. Major Item Code
3. Minor Item Code
4. Not Used

Estimate File: :201939_024_KEY WEST HS BACKYARD_SCH_00.es

Estimator:

Primary Project Qty:0 \$

Secondary Project Qty: 0 FLF

Estimate UM: Imperi

Report includes Taxes & Insurance.

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Sec BB BASE BID

Major Item Code 01300.000 GENERAL CONDITIONS

Minor Item Code 01300.000 ADMINISTRATIVE REQUIREMENTS

Precon Fee	1.00 LS	96,507.00	96,507
Project Executive	31.00 WEEK	348.55	10,805
Operations Manager	31.00 WEEK	962.02	29,823
Operations Manager Vehicle Allowance	7.00 MO	120.00	840
Full Time Project Manager	31.00 WEEK	3,206.73	99,409
Full Time Project Manager Vehicle Allowance	7.00 MO	600.00	4,200
Asst. Project Manager	31.00 WEEK	2,225.20	68,981
Asst. Project Manager Vehicle Allowance	7.00 MO	300.00	2,100
General Superintendent	27.00 WEEK	936.92	25,297
General Superintendent Vehicle Allowance	6.00 WEEK	120.00	720
Full Time Project Superintendent	27.00 WEEK	3,262.50	88,088
Project Accountant	31.00 WEEK	167.30	5,186
Jobsite Secretary	31.00 WEEK	1,508.00	46,748
Home Office Secretary	31.00 WEEK	160.95	4,989
Safety Manager/ Inspector	23.00 WEEK	125.48	2,886

Total Minor Item Code 01300.000

\$486,579

ADMINISTRATIVE REQUIREMENTS

Total Major Item Code 01300.000 GENERAL CONDITIONS

\$486,579

Major Item Code 01300.300 GENERAL REQUIREMENTS

Minor Item Code 01310.000 TRAVEL, PER DIEM, & RELOCATION

Airplane Tickets	7.00 EACH	650.00	4,550
Rental Car	7.00 DAYS	100.00	700
Meals	21.00 DAYS	50.00	1,050
Per Diem Expenses	20.00 MO	720.00	14,400
Motel/Hotel Rooms	21.00 DAYS	300.00	6,300
Rental House	20.00 MO	5,000.00	100,000
Meters/Tolls/Fees	7.00 MO	50.00	350

Total Minor Item Code 01310.000

\$127,350

TRAVEL, PER DIEM, & RELOCATION

Minor Item Code 01320.000 CONSTRUCTION PROGRESS DOCUMENTATION

Video Taping	1.00 EACH	250.00	250
Aerial Photographs - 3 @ 8 x 10's	6.00 MO	225.00	1,350
Construction Schedule - P6	7.00 MO	125.00	875

1. Sec
2. Major Item Code
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Description	Quantity	Unit \$	Total \$
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Total Minor Item Code 01320.000**\$2,475****CONSTRUCTION PROGRESS****DOCUMENTATION****Minor Item Code 01350.000 SPECIAL PROCEDURES**

Data Processing Fee	7.00 MO	150.00	1,050
Document Management & PM Controls Services	1.00 EACH	11,821.00	11,821
Staff Relocation/Moving Allowance	1.00 EACH	1,500.00	1,500

Total Minor Item Code 01350.000**\$14,371****SPECIAL PROCEDURES****Minor Item Code 01420.000 SAFETY**

First Aid Supplies	1.00 LS	376.25	376
Safety Supplies	6.00 MO	123.63	742
Safety Jobsite Signs	10.00 EACH	53.75	538
Safety Training & Videos	1.00 LS	250.00	250
Temporary Fire Protection (1 ea / 6,000 Sf)	2.00 EA	45.15	90
Water, Ice, & Cups	6.00 MO	48.38	290

Total Minor Item Code 01420.000 SAFETY**\$2,286****Minor Item Code 01500.000 TEMPORARY FACILITIES**

Project Office Trailer	7.00 MO	1,128.75	7,901
Office Trailer Set-up	1.00 EACH	10,212.50	10,213
Office Trailer Removal	1.00 EACH	9,137.50	9,138
General Purpose Carpenter	23.00 WEEK	1,508.00	34,684
Project Office Supplies	7.00 MO	161.25	1,129
Jobsite Postage	7.00 MO	107.50	753
Jobsite Office Equipment	7.00 MO	825.00	5,775
Jobsite Office Furniture	7.00 MO	400.00	2,800
Copy Machine	7.00 MO	483.75	3,386

Total Minor Item Code 01500.000**\$75,778****TEMPORARY FACILITIES****Minor Item Code 01510.000 TEMPORARY UTILITIES**

Chemical Toilets	7.00 MO	913.75	6,396
Electric Usage Charge @ Trailer	7.00 MO	300.00	2,100
Temporary Electric Connection	1.00 LS	3,000.00	3,000
Water Usage Charge- By Owner	1.00 NIC		
Temporary Water Connection	1.00 LS	2,500.00	2,500

Total Minor Item Code 01510.000**\$13,996****TEMPORARY UTILITIES****Minor Item Code 01530.000 PROJECT COMMUNICATIONS**

Project Telephones	7.00 MO	349.38	2,446
Temporary Wiring	1.00 LS	2,500.00	2,500
Telephone Connection Fees	1.00 LS	1,500.00	1,500
Jobsite Communications	7.00 MO	806.25	5,644

Total Minor Item Code 01530.000**\$12,089****PROJECT COMMUNICATIONS****Minor Item Code 01540.000 CONSTRUCTION TOOLS & EQUIPMENT**

Small Tools & Equipment	6.00 MO	537.50	3,225
Superintendent Pick-up Truck	6.00 MO	650.00	3,900
Fuel for Superintendent Pick-up Truck	6.00 MO	500.00	3,000

1. Sec
2. Major Item Code
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4. Not Used

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Description	Quantity	Unit \$	Total \$
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Total Minor Item Code 01540.000**\$10,125****CONSTRUCTION TOOLS & EQUIPMENT****Minor Item Code 01560.000 TEMPORARY BARRIERS & ENCLOSURES**

Temporary Job Fence	500.00 LNFT	9.00	4,500
Wind Screen/Visual Barrier	500.00 LNFT	9.00	4,500

Total Minor Item Code 01560.000**\$9,000****TEMPORARY BARRIERS & ENCLOSURES****Minor Item Code 01580.000 PROJECT IDENTIFICATION**

Project Sign	1.00 EACH	1,250.00	1,250
Jobsite Signage	1.00 LS	537.50	538

Total Minor Item Code 01580.000**\$1,788****PROJECT IDENTIFICATION****Minor Item Code 01720.000 CONSTRUCTION PREPARATION**

Purchase Drawings/Reproduction Cost	1.00 LS	500.00	500
Surveying	1.00 LS	20,000.00	20,000

Total Minor Item Code 01720.000**\$20,500****CONSTRUCTION PREPARATION****Minor Item Code 01740.000 PROJECT CLEANING**

Construction Clean-up	640.00 MNHR	25.00	16,000
Rubbish Removal	7.00 MO	161.25	1,129
Dump Charges	400.00 CUYD	45.00	18,000

Total Minor Item Code 01740.000**\$35,129****PROJECT CLEANING****Minor Item Code 01820.000 DEMONSTRATION & TRAINING**

Video Tape Training	1.00 LS	500.00	500
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Total Minor Item Code 01820.000**\$500****DEMONSTRATION & TRAINING****Total Major Item Code 01300.300 GENERAL****\$325,387****REQUIREMENTS****Major Item Code 03000.000 CONCRETE WORK****Minor Item Code 03000.000 BUILDING EARTHWORK**

Machine Fine Grade Floor @ Concession	925.00 SQFT	4.69	4,342
Excavate for Slab Edge @ Concession	4.00 CUYD	72.01	288
Backfill @ Thickened Slab Edge @ Concession	2.00 CUYD	72.04	144
Excess Thickened Slab Soil @ Concession	3.00 CUYD	13.66	41
Mach Excav Column Footing @ Discuss Cage	24.00 CUYD	41.24	990
Mach Excav Column Footing @ High Jump	10.00 CUYD	41.24	412
Mach Excav Column Footing @ Light Pole	50.00 CUYD	41.24	2,062
Mach Excav Column Footing @ Multipurpose Goal Post	19.00 CUYD	41.24	784
Mach Excav Column Footing @ Pole Vault	10.00 CUYD	41.24	412
Mach Excav Column Footing @ Score Board	14.00 CUYD	41.24	577
Mach Excav Column Footing @ Ticketing	24.00 CUYD	41.24	990
Hand Excav Column Footing @ Discuss Cage	6.00 CUYD	121.99	732
Hand Excav Column Footing @ High Jump	3.00 CUYD	121.99	366
Hand Excav Column Footing @ Light Pole	13.00 CUYD	121.99	1,586
Hand Excav Column Footing @ Multipurpose Goal Post	5.00 CUYD	121.99	610
Hand Excav Column Footing @ Pole Vault	3.00 CUYD	121.99	366
Hand Excav Column Footing @ Score Board	4.00 CUYD	121.99	488
Hand Excav Column Footing @ Ticketing	6.00 CUYD	121.99	732

1. Sec
2. Major Item Code
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4. Not Used

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3/26/2020

Description	Quantity	Unit \$	Total \$
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Fine Grade Grade Beams @ Dugout	174.23 SQFT	0.72	126
Fine Grade Grade Beams @ Multipurpose Bleachers	437.57 SQFT	0.72	316
Fine Grade Grade Beams @ Softball Bleachers	332.50 SQFT	0.72	240
Machine Fine Grade for Concrete @ Multipurpose Bleachers	3,611.00 SQFT	0.43	1,558
Machine Fine Grade for Concrete @ Pressbox Pad	135.00 SQFT	0.43	58
Machine Fine Grade for Concrete @ Softball Bleachers	1,780.00 SQFT	0.43	768
Mach Backfill @ Column Footing @ Discuss Cage	33.00 CUYD	28.29	934
Mach Backfill @ Column Footing @ High Jump	13.00 CUYD	28.29	368
Mach Backfill @ Column Footing @ Light Pole	59.00 CUYD	28.29	1,669
Mach Backfill @ Column Footing @ Multipurpose Goal Post	25.00 CUYD	28.29	707
Mach Backfill @ Column Footing @ Pole Vault	13.00 CUYD	28.29	368
Mach Backfill @ Column Footing @ Score Board	18.00 CUYD	28.29	509
Mach Backfill Column Footing @ Ticketing	33.00 CUYD	28.29	934
Excess Column Footing Soil @ Discuss Cage	4.00 CUYD	12.83	51
Excess Column Footing Soil @ High Jump	2.00 CUYD	12.83	26
Excess Column Footing Soil @ Light Pole	17.00 CUYD	12.83	218
Excess Column Footing Soil @ Multipurpose Goal Post	4.00 CUYD	12.83	51
Excess Column Footing Soil @ Pole Vault	2.00 CUYD	12.83	26
Excess Column Footing Soil @ Score Board	4.00 CUYD	12.83	51
Excess Column Footing Soil @ Ticketing	4.00 CUYD	12.83	51
Machine Excavate Grade Beam @ Dugout	25.00 CUYD	45.47	1,137
Machine Excavate Grade Beam @ Multipurpose Bleachers	82.00 CUYD	45.47	3,729
Machine Excavate Grade Beam @ Softball Bleachers	62.00 CUYD	45.47	2,819
Machine Backfill Grade Beam @ Dugout	21.00 CUYD	45.47	955
Machine Backfill Grade Beam @ Multipurpose Bleachers	64.00 CUYD	45.47	2,910
Machine Backfill Grade Beam @ Softball Bleachers	49.00 CUYD	45.47	2,228
Excess Grade Beam Soil @ Dugout	9.00 CUYD	12.83	115
Excess Grade Beam Soil @ Multipurpose Bleachers	33.00 CUYD	12.83	423
Excess Grade Beam Soil @ Softball Bleachers	25.00 CUYD	12.83	321
Total Minor Item Code 03000.000			\$39,589
BUILDING EARTHWORK			
Minor Item Code 03000.600 SUBSOIL TERMITE TREATMENT			
Subsoil Termite Treatment @ Concession Bld	1.00 LS	1,634.00	1,634
Total Minor Item Code 03000.600			\$1,634
SUBSOIL TERMITE TREATMENT			
Minor Item Code 03110.000 STRUCTURAL CAST-IN PLACE FORMWORK			
Column Footing Edge Forms @ Discuss Cage	144.00 SQFT	18.39	2,648
Column Footing Edge Forms @ High Jump	72.00 SQFT	18.39	1,324
Column Footing Edge Forms @ Light Pole	360.00 SQFT	18.39	6,619
Column Footing Edge Forms @ Multipurpose Goal Post	144.00 SQFT	18.39	2,648
Column Footing Edge Forms @ Pole Vault	72.00 SQFT	18.39	1,324
Column Footing Edge Forms @ Score Board	80.00 SQFT	18.39	1,471
Column Footing Edge Forms @ Ticketing	144.00 SQFT	18.39	2,648
Grade Beam Forms 0' to 2' deep @ Dugout	348.46 SQFT	16.47	5,738
Grade Beam Forms 0' to 2' deep @ Multipurpose Bleachers	1,316.00 SQFT	16.47	21,670
Grade Beam Forms 0' to 2' deep @ Softball Bleachers	1,000.00 SQFT	16.47	16,467
Grade Beam Form Hardware @ Dugout	174.23 SQFT	0.25	44
Grade Beam Form Hardware @ Multipurpose Bleachers	658.00 SQFT	0.25	166

Sort Sequences:

1. Sec
2. Major Item Code
3. Minor Item Code
4. Not Used

Estimate File: :201939_024_KEY WEST HS BACKYARD_SCH_00.es

Estimator:

Primary Project Qty:0 \$

Secondary Project Qty: 0 FLF

Estimate UM: Imperia

Report includes Taxes & Insurance.

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Description	Quantity	Unit \$	Total \$
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Grade Beam Form Hardware @ Softball Bleachers	500.00 SQFT	0.25	126
Floor Edge Forms (1.5 BM/SQFT) @ Concession Bld	170.67 SQFT	12.73	2,173
Floor Edge Forms @ Concession Bld	120.00 LNFT	13.86	1,663
Wood Column Forms, 12' to 16' @ Ticketing	752.16 SQFT	23.35	17,564
Isolated Beam Soffit Forms 12'-14' @ Ticketing	120.00 SQFT	61.58	7,390
Isolated Beam Soffit Forms 12'-14'0 @ Ticketing	75.00 SQFT	61.58	4,619
Isolated Beam Side Forms @ Ticketing	922.50 SQFT	61.58	56,810
Isolated Beam Shoring 12'-14' @ Ticketing	195.00 SQFT	61.58	12,009
Chamfer Strip @ Ticketing	766.08 LNFT	2.20	1,689
Total Minor Item Code 03110.000			\$166,809

STRUCTURAL CAST-IN PLACE**FORMWORK****Minor Item Code 03150.000 CONCRETE ACCESSORIES**

Control Joint	75.00 LNFT	1.44	108
Control joint @ Concession Bld	108.00 LNFT	1.44	156
Control Joint @ Multipurpose Bleachers	230.00 LNFT	1.44	332
Control Joint @ Softball Bleachers	110.00 LNFT	1.44	159
Add for Screeds - Concrete @ Pressbox Pad	3.00 CUYD	7.66	23
Add for Screeds - Concrete @ Concession Bld	111.00 LNFT	7.66	850
Add for Screeds - Concrete @ Multipurpose Bleachers	112.00 CUYD	7.66	858
Add for Screeds - Concrete @ Softball Bleachers	55.00 CUYD	7.66	421
15 Mil Visqueen Vapor Barrier @ Concession Bld	1,017.50 SQFT	0.77	782
Form Releasing Agent @ Dugout	348.46 SQFT	0.68	237
Form Releasing Agent @ Multipurpose Bleachers	1,316.00 SQFT	0.68	894
Form Releasing Agent @ Softball Bleachers	1,000.00 SQFT	0.68	679
Form Releasing Agent @ Ticketing	1,869.66 SQFT	0.68	1,270
Total Minor Item Code 03150.000			\$6,770

CONCRETE ACCESSORIES**Minor Item Code 03210.000 REINFORCING STEEL**

Reinforcing Steel in Slab on Grade @ Concession Bld	2.12 TONS	5,834.44	12,384
Reinforcing Steel in Slab on Grade @ Multipurpose Bleachers	5.96 TONS	5,834.44	34,762
Reinforcing Steel in Slab on Grade @ Pressbox Pad	0.22 TONS	5,834.44	1,300
Reinforcing Steel in Slab on Grade @ Softball Bleachers	2.94 TONS	5,834.44	17,136
Reinforcing Steel in Columns @ Ticketing	1.17 TONS	6,031.91	7,059
Reinforcing Steel in Column Footings @ Discuss Cage	0.13 TONS	5,928.24	792
Reinforcing Steel in Column Footings @ Football Goal Post	0.09 TONS	5,928.24	528
Reinforcing Steel in Column Footings @ High Jump	0.04 TONS	5,928.24	264
Reinforcing Steel in Column Footings @ Light Pole	0.37 TONS	5,928.24	2,200
Reinforcing Steel in Column Footings @ Pole Vault	0.04 TONS	5,928.24	264
Reinforcing Steel in Column Footings @ Score Board	0.07 TONS	5,928.24	440
Reinforcing Steel in Column Footings @ Ticketing	0.13 TONS	5,928.24	792
Reinforcing Steel in Grade Beams @ Dugout	0.49 TONS	5,928.24	2,878
Reinforcing Steel in Grade Beams @ Multipurpose Bleachers	1.92 TONS	5,928.24	11,387
Reinforcing Steel in Grade Beams @ Softball Bleachers	1.46 TONS	5,928.24	8,654
Reinforcing Steel in Isolated Beams @ Ticketing	1.43 TONS	5,978.75	8,564
Total Minor Item Code 03210.000			\$109,403

REINFORCING STEEL**Minor Item Code 03310.000 STRUCTURAL CONCRETE**

3000 psi w/Pump @ Discuss Cage	5.00 CUYD	357.68	1,788
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Sort Sequences:

1. Sec
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4. Not Used

Estimate File: :201939_024_KEY WEST HS BACKYARD_SCH_00.es

Estimator:

Primary Project Qty:0 \$

Secondary Project Qty: 0 FLF

Estimate UM: Imperi

Report includes Taxes & Insurance.

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3000 psi w/Pump @ High Jump	3.00 CUYD	357.68	1,073
3000 psi w/Pump @ Light Pole	19.00 CUYD	357.68	6,796
3000 psi w/Pump @ Multipurpose Goal Post	5.00 CUYD	357.68	1,788
3000 psi w/Pump @ Pole Vault	3.00 CUYD	357.68	1,073
3000 psi w/Pump @ Score Board	4.00 CUYD	357.68	1,431
3000 psi w/Pump @ Ticketing	5.00 CUYD	357.68	1,788
3000 psi w/Pump @ Dugout	10.00 CUYD	361.76	3,618
3000 psi w/Pump @ Multipurpose Bleachers	36.00 CUYD	361.76	13,023
3000 psi w/Pump @ Softball Bleachers	27.00 CUYD	361.76	9,768
3500 psi Concrete @ Multipurpose Bleachers	123.00 CUYD	345.54	42,502
3500 psi Concrete @ Pressbox Pad	3.00 CUYD	345.54	1,037
3500 psi Concrete @ Softball Bleachers	61.00 CUYD	345.54	21,078
3500 psi w/Pump @ Concession	53.00 CUYD	342.55	18,155
4000 psi w/Pump @ Ticketing	15.00 CUYD	408.13	6,122
4000 psi w/Pump @ Ticketing	36.00 CUYD	423.10	15,232
Total Minor Item Code 03310.000			\$146,272

STRUCTURAL CONCRETE**Minor Item Code 03350.000 CONCRETE FINISHING**

Finish Footing Concrete Top Surface @ Discuss Cage	54.00 SQFT	0.18	10
Finish Footing Concrete Top Surface @ High Jump	18.00 SQFT	0.18	3
Finish Footing Concrete Top Surface @ Light Pole	150.00 SQFT	0.18	27
Finish Footing Concrete Top Surface @ Multipurpose Goal Post	36.00 SQFT	0.18	6
Finish Footing Concrete Top Surface @ Pole Vault	18.00 SQFT	0.18	3
Finish Footing Concrete Top Surface @ Score Board	50.00 SQFT	0.18	9
Finish Footing Concrete Top Surface @ Ticketing	54.00 SQFT	0.18	10
Rub Concrete Beams @ Ticketing	922.50 SQFT	1.87	1,727
Machine Trowel Finish @ Concession Bld	925.00 SQFT	1.50	1,386
Machine Trowel Finish @ Multipurpose Bleachers	3,611.00 SQFT	1.50	5,411
Machine Trowel Finish @ Pressbox Pad	135.00 SQFT	1.50	202
Machine Trowel Finish @ Softball Bleachers	1,780.00 SQFT	1.50	2,667
Point & Patch @ Dugout	348.46 SQFT	0.58	201
Point & Patch @ Multipurpose Bleachers	1,316.00 SQFT	0.58	758
Point & Patch @ Softball Bleachers	1,000.00 SQFT	0.58	576
Point & Patch @ Ticketing	195.00 SQFT	0.58	112
Rub Concrete Column @ Ticketing	752.16 SQFT	2.03	1,527
Total Minor Item Code 03350.000			\$14,634

CONCRETE FINISHING**Minor Item Code 03390.000 CURING**

Protect & Cure Vertical Surfaces @ Concession Bld	200.67 SQFT	0.31	62
Protect & Cure Vertical Surfaces @ Discuss Cage	144.00 SQFT	0.31	45
Protect & Cure Vertical Surfaces @ Dugout	348.46 SQFT	0.31	108
Protect & Cure Vertical Surfaces @ High Jump	72.00 SQFT	0.31	22
Protect & Cure Vertical Surfaces @ Light Pole	360.00 SQFT	0.31	112
Protect & Cure Vertical Surfaces @ Multipurpose Bleachers	1,316.00 SQFT	0.31	409
Protect & Cure Vertical Surfaces @ Multipurpose Goal Post	144.00 SQFT	0.31	45
Protect & Cure Vertical Surfaces @ Pole Vault	72.00 SQFT	0.31	22
Protect & Cure Vertical Surfaces @ Score Board	80.00 SQFT	0.31	25
Protect & Cure Vertical Surfaces @ Softball Bleachers	1,000.00 SQFT	0.31	310
Protect & Cure Vertical Surfaces @ Ticketing	1,818.66 SQFT	0.31	565
Protect & Cure Horizontal Conc. @ Pressbox Pad	135.00 SQFT	0.30	41

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Protect & Cure Horizontal Surfaces @ Concession Bld	925.00 SQFT	0.35	327
Protect & Cure Horizontal Surfaces @ Discuss Cage	54.00 SQFT	0.35	19
Protect & Cure Horizontal Surfaces @ Dugout	174.23 SQFT	0.35	62
Protect & Cure Horizontal Surfaces @ High Jump	18.00 SQFT	0.35	6
Protect & Cure Horizontal Surfaces @ Light Pole	150.00 SQFT	0.35	53
Protect & Cure Horizontal Surfaces @ Multipurpose Bleachers	3,611.00 SQFT	0.35	1,274
Protect & Cure Horizontal Surfaces @ Multipurpose Bleachers	437.57 SQFT	0.35	155
Protect & Cure Horizontal Surfaces @ Multipurpose Goal Post	36.00 SQFT	0.35	13
Protect & Cure Horizontal Surfaces @ Pole Vault	18.00 SQFT	0.35	6
Protect & Cure Horizontal Surfaces @ Score Board	50.00 SQFT	0.35	18
Protect & Cure Horizontal Surfaces @ Softball Bleachers	1,780.00 SQFT	0.35	628
Protect & Cure Horizontal Surfaces @ Softball Bleachers	332.50 SQFT	0.35	117
Protect & Cure Horizontal Surfaces @ Ticketing	414.00 SQFT	0.35	146
Protect & Cure Horizontal Surfaces @ Ticketing	54.00 SQFT	0.35	19

Total Minor Item Code 03390.000 CURING**\$4,609****Total Major Item Code 03000.000 CONCRETE WORK****\$489,719****Major Item Code 04000.000 MASONRY WORK****Minor Item Code 04220.000 CONCRETE MASONRY UNITS******Mortar for Blockwork****

Mortar Mix - Type "S"	104.00 BAGS	13.88	1,444
Masonry Sand	10.00 CUYD	43.30	433
Fill Voids w/Concrete	53.00 CUYD	477.31	25,297
8x8x16 Concrete Block	3,067.00 PCS	12.89	39,524
8" Bond Beam Block	590.00 PCS	14.40	8,498
Masonry Reinforcing Steel	1.98 TONS	4,574.65	9,036
8" Ladder Reinforcing	2,142.00 LNFT	2.05	4,383
Precast Lintel	26.04 LNFT	18.11	472

****Interior Masonry Scaffolding****

Scaffold Frames - 6'-6" x 5'-0"	37.00 EACH	37.19	1,376
Cross Braces for Scaffolding	70.00 EACH	0.63	44
Scaffold Plank - 16' Long	48.00 EACH	4.81	231
Safety Rails & Posts @ Scaffolding	18.00 EACH	1.38	25
Castors (Factored @ 25%)	9.00 EACH	7.43	67

****Exterior Scaffolding****

Scaffold Frames - 6'-6" x 5'-0"	42.00 EACH	44.33	1,862
Cross Braces for Scaffolding	78.00 EACH	0.63	49
Scaffold Plank - 16' Long	54.00 EACH	4.81	260
Safety Rails & Posts @ Scaffolding	20.00 EACH	1.38	28
Legs - Adjustable, Screw Type	38.00 EACH	1.72	65
Mud Sills for Scaffolding	252.00 LNFT	0.35	88

Total Minor Item Code 04220.000**\$93,181****CONCRETE MASONRY UNITS****Minor Item Code 04280.000 MASONRY CLEANING & ACCESSORIES**

Clean Block	5,907.44 SQFT	0.67	3,980
Control Joint	143.00 LNFT	6.68	955

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Total Minor Item Code 04280.000

\$4,936

MASONRY CLEANING & ACCESSORIES

Total Major Item Code 04000.000 MASONRY WORK

\$98,117

Major Item Code 05000.000 STRUCTURAL STEEL, JOISTS, & DECK

Minor Item Code 05120.000 STRUCTURAL STEEL

Structural Steel Frame Allowance For Multipurpose Scoreboard	1.00 ALLW	4,000.00	4,000
Structural Steel Frame Allowance For Softball Scoreboard	1.00 ALLW	7,000.00	7,000
Steel Beams @ Conession	****		
Steel Beams @ Ticketing	****		
Channels @ Conession	41.48 CWT	230.21	9,549
Channels @ Ticketing	6.80 CWT	230.21	1,566
Structural Tubing @ Conession	3.59 CWT	239.64	860
Bracing @ Conession	****		
Plates @ Conession	0.99 CWT	245.92	244
Shop Paint @ Conession	****		
Shop Paint @ Ticketing	****		
Shop Paint Red Oxide @ Ticketing	500.00 SQFT	0.23	114
Shop Paint Red Oxide @ Conession	6,838.63 SQFT	0.23	1,562

Total Minor Item Code 05120.000

\$24,896

STRUCTURAL STEEL

Minor Item Code 05310.000 STEEL DECK

1½x20 Ga Metal Deck - Galvanized @ Conession	1,782.00 SQFT	3.10	5,519
1½x20 Ga Metal Deck - Galvanized @ Ticketing	554.00 SQFT	3.10	1,716

Total Minor Item Code 05310.000 STEEL

\$7,235

DECK

Total Major Item Code 05000.000

\$32,130

STRUCTURAL STEEL, JOISTS, & DECK

Major Item Code 05500.000 MISCELLANEOUS & FABRICATED METALS

Minor Item Code 05520.000 HANDRAILS & RAILINGS

Aluminum Stair Handrail	28.00 LNFT	141.12	3,951
Aluminum Stair Wallrail	7.00 LNFT	65.63	459
8' Wide Dbl. Aluminum Gates W/Locks @ Ticketing Pavillion	2.00 EACH	2,186.00	4,372
6' High Aluminum Fence @ Ticketing Pavillion	36.00 LNFT	190.24	6,848

Total Minor Item Code 05520.000

\$15,631

HANDRAILS & RAILINGS

Minor Item Code 05550.000 STAIR TREADS & NOSINGS

3" Safety Nosing	76.65 LNFT	16.41	1,258
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Total Minor Item Code 05550.000 STAIR

\$1,258

TREADS & NOSINGS

Total Major Item Code 05500.000

\$16,889

MISCELLANEOUS & FABRICATED METALS

Major Item Code 07100.000 WATERPROOFING & DAMPPROOFING

Minor Item Code 07140.000 FLUID APPLIED WATERPROOFING

Waterproofing/Parge Coat Exterior CMU @ Concession	1,484.00 SQFT	6.05	8,978
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**Total Minor Item Code 07140.000 FLUID
APPLIED WATERPROOFING**

\$8,978

Total Major Item Code 07100.000

\$8,978

WATERPROOFING & DAMPPROOFING

Major Item Code 07500.000 ROOFING & SHEET METAL

Minor Item Code 07610.000 SHEETMETAL

Stainless Steel Sheetmetal Roofing, Standing Seam @ Concession	18.00	SQS	2,400.00	43,200
Stainless Steel Sheetmetal Roofing, Standing Seam @ Ticketing	5.54	SQS	2,400.00	13,296
Pressure Treated Plywood Underlayment @ Concession	1,782.00	SQFT	4.54	8,096
Pressure Treated Plywood Underlayment @ Ticketing	554.00	SQFT	4.54	2,517
10" Batt insulation @ Concession	1,782.00	SQFT	1.93	3,444
Stainless Steel SSoffit @ Ticketing	8.50	SQS	1,400.00	11,900

Total Minor Item Code 07610.000

\$82,453

SHEETMETAL

**Minor Item Code 07710.000 MANUFACTURED ROOF
SPECIALTIES**

6" Stainless Steel Downspout @ Concession	22.00	LNFT	15.45	340
6" Stainless Steel Downspout @ Ticketing	28.00	LNFT	15.45	433
6" Stainless steel Gutter @ Concession	49.00	LNFT	13.38	656
6" Stainless steel Gutter @ Ticketing	49.00	LNFT	13.38	656
12" Fascia @ Concession	171.00	LNFT	18.90	3,232
12" Fascia @ Ticketing	90.00	LNFT	18.90	1,701

Total Minor Item Code 07710.000

\$7,017

MANUFACTURED ROOF SPECIALTIES

Total Major Item Code 07500.000 ROOFING &

\$89,470

SHEET METAL

Major Item Code 08100.000 METAL DOORS & FRAMES

Minor Item Code 08110.000 STEEL DOORS & FRAMES

Hollow Metal Doors	****			
1-3/4" 16 Gauge	****			
3070 Door	6.00	EACH	559.22	3,355
14 Gauge Hollow Metal	****			
3070 Frame	6.00	EACH	364.71	2,188

**Total Minor Item Code 08110.000 STEEL
DOORS & FRAMES**

\$5,544

**Total Major Item Code 08100.000 METAL
DOORS & FRAMES**

\$5,544

Major Item Code 08300.000 SPECIALTY DOORS

Minor Item Code 08360.000 OVERHEAD DOORS

Manual Stainless Steel Counter Door w/Frame & Hood	36.00	SQFT	309.38	11,138
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Total Minor Item Code 08360.000

\$11,138

OVERHEAD DOORS

**Total Major Item Code 08300.000 SPECIALTY
DOORS**

\$11,138

Major Item Code 08700.000 FINISHED HARDWARE

Minor Item Code 08750.000 FINISHED HARDWARE

Kick Plate - 8" x 2" @ Concession	6.00	EACH	157.66	946
Interior Door Hardware	2.00	OPNG	825.00	1,650

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Exterior Door Hardware	4.00 OPNG	1,196.25	4,785
Total Minor Item Code 08750.000			\$7,381
FINISHED HARDWARE			
Total Major Item Code 08700.000 FINISHED			\$7,381
HARDWARE			
Major Item Code 09100.000 GYP BOARD, PLASTER, & STUCCO SYSTEMS			
Minor Item Code 09210.000 GYPSUM PLASTER			
Extruded Stucco Band @ Ticketing	110.00 LNFT	22.45	2,470
Total Minor Item Code 09210.000			\$2,470
GYPSUM PLASTER			
Total Major Item Code 09100.000 GYP			\$2,470
BOARD, PLASTER, & STUCCO SYSTEMS			
Major Item Code 09600.000 FINISHED FLOORING			
Minor Item Code 09650.000 RESILIENT FLOORS			
4" Vinyl Base	311.00 LNFT	1.77	549
Total Minor Item Code 09650.000			\$549
RESILIENT FLOORS			
Minor Item Code 09670.000 FLUID APPLIED FLOORING			
Painted Floor Finish	652.00 SQFT	5.60	3,654
Seal Concrete Floor	125.00 SQFT	1.67	209
Total Minor Item Code 09670.000 FLUID			\$3,863
APPLIED FLOORING			
Total Major Item Code 09600.000 FINISHED			\$4,412
FLOORING			
Major Item Code 09900.000 PAINTS & COATINGS			
Minor Item Code 09910.000 PAINT			
Paint Exposed Ceilings - 3 Coats	20.98 SQS	107.88	2,263
Total Minor Item Code 09910.000 PAINT			\$2,263
Minor Item Code 09970.000 COATINGS FOR STEEL			
Field Touch-Up Structural Steel	3,419.32 SQFT	0.45	1,523
Field Touch-Up Structural Steel @ Ticketing	250.00 SQFT	0.45	111
Total Minor Item Code 09970.000			\$1,634
COATINGS FOR STEEL			
Minor Item Code 09980.000 CONCRETE & MASONRY COATINGS			
Paint Masonry/Concrete @ Concession	1,484.00 SQFT	2.85	4,229
Texcoat Masonry/Concrete @ Concession	1,484.00 SQFT	4.95	7,346
Texcoat Masonry/Concrete @ Ticketing	1,674.00 SQFT	4.95	8,286
Total Minor Item Code 09980.000			\$19,862
CONCRETE & MASONRY COATINGS			
Total Major Item Code 09900.000 PAINTS &			\$23,759
COATINGS			
Major Item Code 10000.000 MISCELLANEOUS BUILDING SPECIALTIES			
Minor Item Code 10170.000 SOLID PLASTIC TOILET COMPARTMENTS			
Floor Mounted Toilet Compartment	3.00 EACH	1,799.60	5,399
Urinal Screen	1.00 EACH	426.04	426

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Total Minor Item Code 10170.000 SOLID PLASTIC TOILET COMPARTMENTS			\$5,825
Minor Item Code 10225.000 DOOR LOUVERS			
Louvers, Operable Aluminum - Anodized Finish	5.00	SQFT	86.54
Total Minor Item Code 10225.000 DOOR LOUVERS			\$433
Minor Item Code 10350.000 FLAGPOLES			
Lighted Flagpole, Aluminum - Standard Ground Set	30.00	LNFT	87.07
Total Minor Item Code 10350.000 FLAGPOLES			\$2,612
Minor Item Code 10430.000 EXTERIOR SIGNAGE			
Signs & Graphics Allowance	1.00	ALLW	5,000.00
10" Cast Aluminum Letters @ Ticketing	32.00	EACH	122.43
Total Minor Item Code 10430.000 EXTERIOR SIGNAGE			\$8,918
Minor Item Code 10520.000 FIRE PROTECTION SPECIALTIES			
Fire Extinguisher - 10 Lb "ABC"	2.00	EACH	244.45
Fire Extinguisher - Mountng Hooks	2.00	EACH	66.66
Total Minor Item Code 10520.000 FIRE PROTECTION SPECIALTIES			\$622
Minor Item Code 10715.000 STORM PANELS			
Flood Panel @ Concession	38.00	SQFT	177.25
Total Minor Item Code 10715.000 STORM PANELS			\$6,736
Minor Item Code 10810.000 TOILET ACCESSORIES			
Frameless 1/4" Plate Mirror	28.00	SQFT	28.71
Frameless 1/4" Plate Mirror (Vanity)	6.38	SQFT	28.71
Handicap Grab Bar	4.00	EACH	219.71
Surface Mtd Double Roll Toilet Paper Holder	2.00	EACH	127.69
Liquid Soap Dispenser	4.00	EACH	99.31
Robe Hook	2.00	EACH	48.49
Mop Rack	1.00	EACH	172.88
Electric Hand Dryer	4.00	EACH	978.12
Total Minor Item Code 10810.000 TOILET ACCESSORIES			\$6,701
Total Major Item Code 10000.000 MISCELLANEOUS BUILDING SPECIALTIES			\$31,846
Major Item Code 11000.000 BUILDING EQUIPMENT			
Minor Item Code 11450.000 RESIDENTIAL APPLIANCES			
Ice Machine	1.00	EACH	3,132.00
Reach in Freezer	1.00	EACH	4,992.00
Reach in Refrigerator	1.00	EACH	4,942.00
Total Minor Item Code 11450.000 RESIDENTIAL APPLIANCES			\$13,066
Minor Item Code 11480.000 ATHLETIC & RECREATIONAL EQUIPMENT			
Pole Vault Box, Steel	1.00	EACH	1,050.23
Safety Netting, Horizontal w/Poles	2,408.00	SQFT	33.23
Finish Line Post	2.00	EACH	1,205.35
Safety Netting, Vertical w/Poles	1,500.00	SQFT	10.68

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Athletic Equipment Allowance	1.00 ALLW	20,000.00	20,000
Football Benches Aluminum 15'	6.00 EACH	1,825.00	10,950
Scoreboard w/ 2 Control Consoles (Multipurpose)	1.00 EACH	10,159.38	10,159
Softball Scoreboard w/ 2 Control Consoles (OFCL)	1.00 EACH	2,500.00	2,500
Bat Rack/Shelf @ Dugouts	4.00 EACH	128.21	513
Foul Poles w/Pads	2.00 PAIR	1,439.59	2,879
Softball Fence Top Safety Runner	90.00 LNFT	4.36	393
Football Goal Post	2.00 EACH	4,000.00	8,000
Total Minor Item Code 11480.000			\$154,893
ATHLETIC & RECREATIONAL EQUIPMENT			
Total Major Item Code 11000.000 BUILDING EQUIPMENT			\$167,959
Major Item Code 13120.000 PRE-ENGINEERED STRUCTURES			
Minor Item Code 13120.000 PRE-ENGINEERED STRUCTURES			
Provide Pressbox @ Softball	1.00 LS	70,000.00	70,000
Provide Pressbox @ Football	1.00 LS	131,000.00	131,000
Football Bleachers (600 Seats)	1.00 LS	145,000.00	145,000
Relocate Portable Softball Bleachers (4 Sets)	1.00 ALLW	1,500.00	1,500
Connex Boxes	3.00 EACH	5,500.00	16,500
Total Minor Item Code 13120.000			\$364,000
PRE-ENGINEERED STRUCTURES			
Total Major Item Code 13120.000			\$364,000
Major Item Code 22000.000 PLUMBING WORK			
Minor Item Code 22070.000 PLUMBING INSULATION			
Pipe Insulation	925.00 SQFT	1.97	1,825
Total Minor Item Code 22070.000			\$1,825
PLUMBING INSULATION			
Minor Item Code 22110.000 DOMESTIC WATER PIPING			
Domestic Water Supply Pipe, Valves, & Fittings	925.00 SQFT	5.48	5,072
Total Minor Item Code 22110.000			\$5,072
DOMESTIC WATER PIPING			
Minor Item Code 22132.000 SANITARY DRAIN, WASTE, & VENT PIPING			
Sanitary DWV Pipe & Fittings	925.00 SQFT	4.90	4,537
Total Minor Item Code 22132.000			\$4,537
SANITARY DRAIN, WASTE, & VENT PIPING			
Minor Item Code 22330.000 ELECTRIC WATER HEATERS			
Water Heater - Insti-hot Individual Unit	3.00 EACH	1,264.55	3,794
Total Minor Item Code 22330.000			\$3,794
ELECTRIC WATER HEATERS			
Minor Item Code 22410.000 COMMERCIAL PLUMBING FIXTURES			
Water Closet, Std. Flr Mtd	1.00 EACH	3,264.96	3,265
Water Closet, Std. Flr Mtd - HDCP	1.00 EACH	3,713.76	3,714
Urinal, Standard Flush Valve	1.00 EACH	2,269.10	2,269
Lavatory, Std Wall Hung	5.00 EACH	2,163.15	10,816
Lavatory, Std Wall Hung - HDCP	2.00 EACH	2,476.94	4,954

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Non Hadicap Single Bowl Free Standing Sink	1.00 EACH	2,862.83	2,863
Janitor/Mop Sink	1.00 EACH	3,937.72	3,938
Electric Water Cooler - Dual Mount Hi/Lo ADA	1.00 EACH	5,071.27	5,071
Floor Drain - 2"	3.00 EACH	969.48	2,908
Floor Sink w/8" Nickel Bronze Top	1.00 EACH	1,734.75	1,735
Hose Bibb - Interior	2.00 EACH	423.44	847
Hose Bibb - Freeze proof Exterior	2.00 EACH	628.74	1,257
Ice Maker Hook-up	1.00 EACH	289.91	290
Total Minor Item Code 22410.000			\$43,927
COMMERCIAL PLUMBING FIXTURES			
Total Major Item Code 22000.000 PLUMBING WORK			\$59,154
Major Item Code 23000.000 HEATING, VENTILATION, & AIR CONDITIONING			
Minor Item Code 23340.000 HVAC FANS			
Exhaust Fan - 2,025 Cfm	5.00 EACH	10,071.54	50,358
Total Minor Item Code 23340.000 HVAC FANS			\$50,358
Total Major Item Code 23000.000 HEATING, VENTILATION, & AIR CONDITIONING			\$50,358
Major Item Code 26000.000 ELECTRICAL WORK			
Minor Item Code 26070.000 ELECTRICAL DEMOLITION			
Demo Exterior Pole Mount Light	13.00 EACH	811.04	10,544
Total Minor Item Code 26070.000 ELECTRICAL DEMOLITION			\$10,544
Minor Item Code 26075.000 ELECTRICAL SITEWORK			
Electrical Sitework Allowance For Lights @ Multipurpose	1.00 ALLW	250,000.00	250,000
Electrical Sitework Allowance For Lights @ Softball Field	1.00 ALLW	80,000.00	80,000
Electrical Sitework Tie In/Breakers/ Transformers Allowance	1.00 ALLW	15,700.00	15,700
Underground Ductbank (Electric, Fire Alarm & Cat 6)	773.00 LNFT	126.00	97,398
Relocate Transformer Allowance	1.00 ALLW	50,000.00	50,000
Total Minor Item Code 26075.000 ELECTRICAL SITEWORK			\$493,098
Minor Item Code 26100.000 SERVICE ENTRANCES			
Primary Electrical Service to Softball Pressbox	1.00 ALLW	10,400.00	10,400
Primary Electrical Service to Multipurpose Pressbox	1.00 ALLW	12,400.00	12,400
Power Circuit Distribution Scoreboards Controls Allowance	1.00 ALLW	12,800.00	12,800
Primary Electrical Service to Concession Trailer	2.00 ALLW	10,000.00	20,000
Well Pump for Irrigation Allowance	1.00 ALLW	4,800.00	4,800
Total Minor Item Code 26100.000 SERVICE ENTRANCES			\$60,400
Minor Item Code 26220.000 LOW VOLTAGE TRANSFORMERS			
75 KVA Stepdown Transformer, 480Y/277 V, 3 Phase, 4 Wire (Softball lighting)	1.00 EACH	3,496.74	3,497
Total Minor Item Code 26220.000 LOW VOLTAGE TRANSFORMERS			\$3,497
Minor Item Code 26240.000 SWITCHBOARDS & PANELBOARDS			
Electrical Sub Panel/Disconnect for Softball Pressbox	1.00 EACH	1,575.00	1,575
Electrical Sub Panel/Disconnect for Multipurpose Pressbox	1.00 EACH	1,575.00	1,575

1. Sec
2. Major Item Code
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Electrical Sub Panel/Disconnect for Concession Trailer	1.00 EACH	1,575.00	1,575
100 A 120Y/208 V 1 Phase Panel (Concessions Bld)	1.00 EACH	4,357.70	4,358
100 A 120Y/208 V 1 Phase Panel (Press Box)	1.00 EACH	4,357.70	4,358
200 A, 480Y/277 V, 3 Phase, 4 Wire. (Softball lighting)	2.00 EACH	4,512.80	9,026
208Y/120 V Panel (Softball Field)	2.00 EACH	5,705.48	11,411
250 A, 480Y/277 V, 3 Phase, 4 Wire.(Football/Track lighting)	1.00 EACH	6,005.48	6,005
250A LPDA. Breaker	1.00 EACH	3,973.27	3,973
Total Minor Item Code 26240.000			\$43,856

SWITCHBOARDS & PANELBOARDS**Minor Item Code 26270.000 LOW VOLTAGE DISTRIBUTION EQUIPMENT**

Electrical Equipment Connections	925.00 SQFT	0.56	517
Total Minor Item Code 26270.000 LOW VOLTAGE DISTRIBUTION EQUIPMENT			\$517

Minor Item Code 26290.000 DEVICES & CIRCUITRY

Receptacle - Duplex Standard	6.00 EACH	20.14	121
Receptacle - Quadraplex	9.00 EACH	29.18	263
Receptacle - Duplex Ground Fault - GFI	5.00 EACH	55.28	276
Receptacle - Duplex - GFI - Wtrprf	25.00 EACH	69.21	1,730
Switch - Single Pole	3.00 EACH	23.27	70
Switch - Single Pole - Key Operated	2.00 EACH	158.02	316
Time Clock	1.00 EACH	176.12	176
Total Minor Item Code 26290.000 DEVICES & CIRCUITRY			\$2,952

Minor Item Code 26500.000 LIGHTING & CIRCUITRY

Sports Field Lighting (40' H Pole w/Light @ Softball) (60' H Pole w/Light @ Multipurpose)	1.00 ALLW	1,021,500.00	1,021,500
2x2 LED Lay-In Fixture - Parabolic Lens	1.00 EACH	354.77	355
1x4 LED Vapor Proof	5.00 EACH	237.32	1,187
Interior Lights 1'x4 LED W/Emergency Backup	3.00 EACH	344.82	1,034
8 1/2"x4 LED	1.00 EACH	307.18	307
LED - Exterior Wall Pack	12.00 EACH	471.24	5,655
Pole Mounted Luminaries Allowance	1.00 EACH	5,000.00	5,000
Wall Mounted Emergency Battery Egress Luminaire	3.00 EACH	578.74	1,736
Ceiling Fan	2.00 EACH	796.31	1,593
LED Exit Sign/Light	4.00 EACH	318.03	1,272
Total Minor Item Code 26500.000 LIGHTING & CIRCUITRY			\$1,039,639

Total Major Item Code 26000.000**ELECTRICAL WORK****Major Item Code 27000.000 COMMUNICATIONS SYSTEMS****Minor Item Code 27100.000 CABINETS, RACKS, & ENCLOSURES**

Ladder Tray @ IDF Rooms	1.00 EACH	1,216.37	1,216
Fire Retardent Plywood	13.00 EACH	166.39	2,163
Total Minor Item Code 27100.000 CABINETS, RACKS, & ENCLOSURES			\$3,379

Minor Item Code 27179.000 PUBLIC ADDRESS SYSTEMS

P/A & Sound Enhancement Conduit & Wire	1.00 LS	11,600.00	11,600
P/A Horn Type Speaker - Waterproof	6.00 EACH	422.49	2,535

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Total Minor Item Code 27179.000 PUBLIC**\$14,135****ADDRESS SYSTEMS****Total Major Item Code 27000.000****\$17,514****COMMUNICATIONS SYSTEMS****Major Item Code 28000.000 ELECTRONIC SAFETY & SECURITY SYSTEMS****Minor Item Code 28160.000 INTRUSION DETECTION SYSTEMS**

Video Security System - Conduit & Wire	1.00 LS	23,200.00	23,200
Security System Monitor	1.00 EACH	2,324.81	2,325
Camera - Digital Color	10.00 EACH	3,141.62	31,416

Total Minor Item Code 28160.000**\$56,941****INTRUSION DETECTION SYSTEMS****Minor Item Code 28300.000 FIRE DETECTION & ALARM SYSTEMS**

F/A Manual Pull Station	3.00 EACH	238.44	715
F/A Horn/Strobe Combination	2.00 EACH	275.54	551
F/A Strobe (Visual) Only - ADA - Waterproof	2.00 EACH	245.02	490
F/A Smoke Detector - Ceiling Mount	4.00 EACH	214.65	859
F/A Heat Detector - Rate of Rise	1.00 EACH	132.80	133

Total Minor Item Code 28300.000 FIRE**\$2,748****DETECTION & ALARM SYSTEMS****Total Major Item Code 28000.000****\$59,689****ELECTRONIC SAFETY & SECURITY****SYSTEMS****Major Item Code 31000.000 SITEWORK****Minor Item Code 31100.000 SITE CLEARING & EARTHWORK**

Silt Fencing	1,876.00 LNFT	2.02	3,787
Soil Tracking Device	1.00 EACH	4,500.00	4,500
Erosion Control Maintenance Allowance	1.00 ALLW	10,000.00	10,000
Strip Topsoil & Stockpile on Site	634.00 CUYD	1.90	1,203
Remove Baseball Clay	203.00 CUYD	13.22	2,683
Spread Topsoil from Stockpile	634.00 CUYD	3.30	2,093
Topsoil - Borrow/Dump/Spread	455.00 CUYD	35.57	16,183
Site Borrow/Dump/Spread - Clean Fill	9,630.00 TNS	52.00	500,760
Rough Grade Site	33,180.00 SQYD	2.02	67,023
Finish Grade Site	33,180.00 SQYD	2.66	88,258
Remove Asphalt Paving	110.00 SQYD	5.34	587
Remove Concrete Paving	336.00 SQFT	3.85	1,294
Remove Concrete Transformer Pad	5.00 SQFT	3.85	19
Remove Rubber Track	5,342.00 SQYD	5.34	28,526
Remove Fence	2,156.00 LNFT	1.75	3,773
Remove Chain Link Gates	2.00 EACH	150.00	300
Saw-cut Concrete	41.00 LNFT	3.37	138
Saw-cut Asphalt	25.00 LNFT	2.02	51
Demolish Dug Out	2.00 EACH	750.00	1,500
Demolish Small Shed	1.00 EACH	500.00	500
Demolish Score Board	2.00 EACH	400.00	800
Remove Football Goals	2.00 EACH	200.00	400

Total Minor Item Code 31100.000 SITE**\$734,378****CLEARING & EARTHWORK**

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Minor Item Code 31620.000 BORED PILES

10' Long 16" Dia. Augercast Piling @ Bleachers	550.00 LNFT	67.85	37,318
10' Long 16" Dia. Augercast Piling @ Concession	150.00 LNFT	67.85	10,178
10' Long 16" Dia. Augercast Piling @ Dugout	120.00 LNFT	67.85	8,142
10' Long 16" Dia. Augercast Piling @ Site Light Poles	320.00 LNFT	67.85	21,712

Total Minor Item Code 31620.000 BORED PILES

\$77,349**Total Major Item Code 31000.000 SITEWORK****\$811,727****Major Item Code 32000.000 SITE IMPROVEMENTS****Minor Item Code 32100.000 BASE COURSES & SUB-BASE**

12" Compacted Local Gravel @ GrassPav 2 (Emergency Access)	348.00 SQYD	45.59	15,865
6" Compacted Limerock (@ Pole Vault)	95.00 SQYD	21.95	2,085
6" Compacted Limerock (@ High Jump Pad)	460.00 SQYD	21.95	10,095
6" Compacted Limerock (12' Emergency Access Path)	360.00 SQYD	21.95	7,901
6" Compacted Limerock (@ Long Jump Pad)	111.00 SQYD	21.95	2,436
6" Compacted Limerock (Synthetic 400m Track)	4,958.00 SQYD	21.95	108,811
12" Compacted Sub-Base (12' Emergency Access Path)	360.00 SQYD	20.77	7,476

Total Minor Item Code 32100.000 BASE COURSES & SUB-BASE

\$154,670**Minor Item Code 32120.000 FLEXIBLE PAVING**

GrassPav 2 (Emergency Access)	348.00 SQYD	24.90	8,664
2" Asphalt Wearing Course - Type S-1 (12' Emergency Access Path)	360.00 SQYD	19.01	6,845

Total Minor Item Code 32120.000 FLEXIBLE PAVING

\$15,509**Minor Item Code 32130.000 HARDSCAPE CONCRETE**

3000 psi Concrete @ Batting Cages Pad	40.00 CUYD	331.31	13,252
3000 psi Concrete @ Discuss Circle	1.00 CUYD	331.31	331
3000 psi Concrete @ Pole Vault Box	1.00 CUYD	331.31	331
3000 psi Concrete @ Shot Put Throw Pad	2.00 CUYD	331.31	663
3500 psi Concrete @ Concession Trailer	3.00 CUYD	331.31	994
3500 psi Concrete @ Dugout	23.00 CUYD	331.31	7,620
3500 psi Concrete @ Pitching Bullpen	13.00 CUYD	331.31	4,307
3500 psi Concrete @ Storage Conex	22.00 CUYD	331.31	7,289
Concrete Finish @ Discuss Circle	53.00 SQFT	1.01	54
Concrete Finish @ Batting Cages Pad	2,880.00 SQFT	1.01	2,912
Concrete Finish @ Concession Trailer	120.00 SQFT	1.01	121
Concrete Finish @ Dugout	1,098.00 SQFT	1.01	1,110
Concrete Finish @ Pole Vault Box	12.00 SQFT	1.01	12
Concrete Finish @ Storage Conex	1,060.00 SQFT	1.01	1,072
Concrete Paving @ Shot Put Throw Pad	72.00 SQFT	1.01	73
Concrete Paving Finish @ Pitching Bullpen	624.00 SQFT	1.01	631
Protect & Cure Horizontal Conc @ Concession Trailer	120.00 SQFT	0.41	49
Protect & Cure Horizontal Conc. @ Discuss Circle	53.00 SQFT	0.41	22
Protect & Cure Horizontal Conc. @ Dugout	1,098.00 SQFT	0.41	449
Protect & Cure Horizontal Conc. @ Pole Vault Box	12.00 SQFT	0.41	5
Protect & Cure Horizontal Conc. @ Shot Put Throw Pad	72.00 SQFT	0.41	29
Protect & Cure Horizontal Conc. @ Storage Conex	1,060.00 SQFT	0.41	434
Protect & Cure Horizontal Conc. Paving @ Pitching Bullpen	624.00 SQFT	0.41	255

Sort Sequences:

1. Sec
2. Major Item Code
3. Minor Item Code
4. Not Used

Estimate File: :201939_024_KEY WEST HS BACKYARD_SCH_00.es

Estimator:

Primary Project Qty:0 \$

Secondary Project Qty: 0 FLF

Estimate UM: Imperia

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Protect & Cure Horizontal Conc. @ Batting Cages Pad	2,880.00 SQFT	0.41	1,178
Machine Fine Grade for Concrete @ Batting Cages Pad	2,880.00 SQFT	0.58	1,673
Machine Fine Grade for Concrete @ Concession Trailer	120.00 SQFT	0.58	70
Machine Fine Grade for Concrete @ Discuss Circle	53.00 SQFT	0.58	31
Machine Fine Grade for Concrete @ Dugout	1,098.00 SQFT	0.58	638
Machine Fine Grade for Concrete @ Pole Vault Box	12.00 SQFT	0.58	7
Machine Fine Grade for Concrete @ Shot Put Throw Pad	72.00 SQFT	0.58	42
Machine Fine Grade for Concrete @ Storage Conex	1,060.00 SQFT	0.58	616
Machine Fine Grade for Concrete Paving @ Pitching Bullpen	624.00 SQFT	0.58	363
6x6-10/10 (W1.4/W1.4) Mesh @ Batting Cages Pad	34.85 SQS	100.80	3,513
6x6-10/10 (W1.4/W1.4) Mesh @ Discuss Circle	0.64 SQS	100.80	65
6x6-10/10 (W1.4/W1.4) Mesh @ Pole Vault Box	0.15 SQS	100.80	15
6x6-10/10 (W1.4/W1.4) Mesh @ Shot Put Throw Pad	0.87 SQS	100.80	88
Rebar for Concrete @ Concession Trailer	0.20 TONS	4,637.58	918
Rebar for Concrete @ Dugout	1.81 TONS	4,637.58	8,402
Rebar for Concrete @ Storage Conex	1.75 TONS	4,637.58	8,111
Rebar for Concrete Paving @ Pitching Bullpen	1.03 TONS	4,637.58	4,775

Total Minor Item Code 32130.000**\$72,519****HARDSCAPE CONCRETE****Minor Item Code 32160.000 CURBS & GUTTERS**

Curb @ Long Jump Pit	138.00 LNFT	55.00	7,590
Curb @ New Planter	60.00 LNFT	52.80	3,168

Total Minor Item Code 32160.000 CURBS**\$10,758****& GUTTERS****Minor Item Code 32165.000 SIDEWALKS**

3000 psi w/Pump @ Sidewalks	111.00 CUYD	342.13	37,976
3000 psi w/Carts @ Stairs	5.00 CUYD	339.25	1,696
Sidewalk Edge Forms	1,776.00 LNFT	10.05	17,857
Thickened Slab Edge Forms	10.00 LNFT	17.22	172
Exterior Step Forms	122.04 SQFT	26.20	3,198
Fine Grade for Sidewalks	8,097.00 SQFT	0.89	7,176
Fine Grade Exterior Steps	80.00 SQFT	1.07	85
Excav @ Thickened Slab Edge	1.00 CUYD	75.90	76
Backfill @ Thickened Slab Edge	1.00 CUYD	37.95	38
Trowel & Broom Sidewalk	8,097.00 SQFT	1.33	10,745
Trowel & Broom Exterior Steps	80.00 SQFT	1.68	134
Point & Patch Exterior Steps	122.04 SQFT	3.36	410
Protect & Cure Sidewalk Horizontal Surfaces	8,097.00 SQFT	0.34	2,738
Protect & Cure Exterior Step Horizontal Surfaces	80.00 SQFT	0.39	31
Protect & Cure Exterior Step Vertical Surfaces	87.72 SQFT	0.41	36
1/2" Expansion Joint	1,776.00 SQFT	7.94	14,096
6x6-10/10 (W1.4/W1.4) Mesh	97.97 SQS	100.80	9,876
Sidewalk Reinforcing Steel	0.01 TONS	4,528.08	35
Exterior Step Reinforcing Steel	0.17 TONS	4,629.36	769
6 Mil Visqueen Vapor Barrier	89.07 SQS	34.98	3,116

Total Minor Item Code 32165.000**\$110,261****SIDEWALKS****Minor Item Code 32180.000 ATHLETIC & RECREATIONAL SURFACING**

Urethane Rubber Surface IAAF (@ Pole Vault)	95.00 SQYD	140.00	13,300
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Urethane Rubber Surface IAAF (@ Long Jump Pad)	111.00 SQYD	140.00	15,540
Urethane Rubber Surface IAAF (@ High Jump Pad)	460.00 SQYD	140.00	64,400
Urethane Rubber Surface IAAF 400m Track	4,958.00 SQYD	140.00	694,120
Total Minor Item Code 32180.000			\$787,360

ATHLETIC & RECREATIONAL SURFACING

Minor Item Code 32310.000 FENCES & GATES

6' High Vinyl Coated Chain Link Fence	1,731.00 LNFT	101.29	175,339
6' High Vinyl Coated Chain Link Fence	24.00 LNFT	101.30	2,431
6' High Vinyl Coated Chain Link Fence (Loading Dock)	408.00 LNFT	101.30	41,329
Vinyl Coated Chain Link Fence @ Pitching Bullpen	181.00 LNFT	101.29	18,334
Vinyl Coated Chain Link Fence @ Dugout Sides & Top	142.00 LNFT	101.29	14,384
Artistic/Decorative Wind Screen @ Softball Fence	598.00 LNFT	38.73	23,158
6' High Removable Fence @ Softball Fence	598.00 LNFT	114.33	68,368
30' High Fence Baseball Backdrop	131.00 LNFT	465.73	61,010
3'W X 6'H Vinyl Coated Chain Link Gate	4.00 EACH	650.29	2,601
4'W X 6'H Vinyl Coated Chain Link Gate (Emergency Gate)	2.00 EACH	746.27	1,493
4'W X 6'H Vinyl Coated Chain Link Gate W/ Panic Hardware (E)	1.00 EACH	24,357.01	24,357
4'W X 6'H Vinyl Coated Chain Link Gate W/ Panic Hardware (C,B,M)	3.00 EACH	24,357.01	73,071
4'W X 6'H Vinyl Coated Chain Link Gate W/Lock (J)	1.00 EACH	1,778.27	1,778
5'W X 6'H Vinyl Coated Chain Link Gate	8.00 EACH	935.29	7,482
6'W X 6'H Chain Link Gate (Loading Dock)	6.00 EACH	1,149.04	6,894
Concrete Foundations @ Fence Post	312.00 EACH	960.00	299,520
Discuss Cage & Net	54.00 LNFT	91.81	4,958
Total Minor Item Code 32310.000 FENCES & GATES			\$826,506

Minor Item Code 32320.000 RETAINING WALLS

Retaining Wall Footing Concrete	****		
3000 psi Conc w/Pump	9.00 CUYD	206.50	1,859
Retaining Wall Concrete	****		
3000 psi Conc w/Pump	14.00 CUYD	208.74	2,922
Stacked Block Retaining Wall	1,131.00 SQFT	39.00	44,109
Protect & Cure Headwall Vertical Surfaces	856.00 SQFT	0.16	139
Protect & Cure Headwall Horizontal Surfaces	280.00 SQFT	0.15	43
Rebar In Retaining Wall	0.57 TONS	3,402.63	1,941
Point & Patch Retaining Wall	350.00 SQFT	0.28	97
Carbo Rub Conc Retaining Wall	350.00 SQFT	0.97	339
Footing Keyways	70.00 LNFT	2.63	184
Retaining Wall Forms 4-8' high	700.00 SQFT	8.69	6,084
Form Release Agent	700.00 SQFT	0.06	45
Wall Form Hardware	350.00 SQFT	0.14	48
Earthwork For Retaining Walls	****		
Hand Excavate Footings	2.00 CUYD	36.42	73
Machine Excavate Footings	14.00 CUYD	7.31	102
Machine Backfill	24.00 CUYD	5.86	141
Liquid Elastomeric Waterproofing	350.00 SQFT	2.01	702

**Total Minor Item Code 32320.000
RETAINING WALLS**

\$58,829

Minor Item Code 32900.000 LANDSCAPING

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Discus Striping Allowance	1.00 ALLW	500.00	500
Football Field Striping Allowance	1.00 ALLW	4,000.00	4,000
Practice Field Striping Allowance	1.00 ALLW	2,500.00	2,500
Shot Put Ring Striping Allowance	1.00 ALLW	500.00	500
Javelin Striping Allowance	1.00 ALLW	500.00	500
Re-Grade Practice Field	5,375.00 SQYD	1.76	9,439
Root Mix @ Practice Field	610.00 CUYD	35.57	21,696
Sod - Zoysia	86,175.00 SQFT	2.48	213,714
Palm Trees - 10' to 16' Overall Hgt	16.00 EACH	1,580.00	25,280
Synthetic Clay Turf @ Softball Field	9,693.00 SQFT	10.00	96,930
Synthetic Grass Turf @ Main Field	94,637.00 SQFT	10.00	946,370
Synthetic Grass Turf @ Softball Field	31,592.00 SQFT	10.00	315,920
Synthetic Grass Turf @ Softball Pitching Bullpen	1,314.00 SQFT	10.00	13,140
Synthetic Turf Cool Infill @ Multipurpose Field	92,879.00 SQFT	1.10	102,167
Irrigation Revisions @ Practice Fields	48,376.00 SQFT	1.10	53,214
Irrigation @ New Sod & Landscape	37,799.00 SQFT	1.75	66,148
Irrigation @ Synthetic Fields	135,922.00 SQFT	0.35	47,573

Total Minor Item Code 32900.000**\$1,919,590****LANDSCAPING****Total Major Item Code 32000.000 SITE****\$3,956,002****IMPROVEMENTS****Major Item Code 33000.000 SITE UTILITIES****Minor Item Code 33000.000 SITE WATER DISTRIBUTION**

Domestic Water Service Allowance	1.00 ALLW	55,000.00	55,000
Total Minor Item Code 33000.000 SITE			\$55,000

WATER DISTRIBUTION**Minor Item Code 33300.000 SITE SANITARY SEWERS**

Sanitary Sewer Allowance	1.00 ALLW	55,000.00	55,000
Total Minor Item Code 33300.000 SITE			\$55,000

SANITARY SEWERS**Minor Item Code 33400.000 SITE STORM DRAINAGE**

18" Reinforced Concrete Pipe	228.00 LNFT	36.46	8,314
Exfiltration Pipe	1,396.00 LNFT	39.89	55,690
CIP Concrete Manhole	5.00 VLF	835.64	4,178
18" Nyloplast Yard Drain W/CI Grate	25.00 VLF	482.71	12,068
Precast Concrete Inlet	5.00 VLF	546.84	2,734
Tie Into Exist Storm Drainage	1.00 EACH	2,352.00	2,352
24" 350# Std MH Cvr & Frm	1.00 EACH	506.25	506
Injection Well	2.00 EACH	60,270.00	120,540
Auto Grating	12.00 SQFT	95.00	1,140
Excavate Pipe Trench w/Trackhoe	2,156.00 CUYD	12.36	26,655
Machine Backfill Pipe Trench	2,104.00 CUYD	12.60	26,502
Coarse Rock @ Exfiltration Trench	1,294.00 CUYD	69.71	90,200
Double Chamber Baffle Box	2.00 EACH	189,189.00	378,378

Total Minor Item Code 33400.000 SITE**\$729,256****STORM DRAINAGE****Total Major Item Code 33000.000 SITE****\$839,256****UTILITIES****Major Item Code 36000.000 BONDS & INSURANCE****Minor Item Code 36000.000 BONDS & INSURANCE**

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3/26/2020

Description	Quantity	Unit \$	Total \$
NOTICE : This Document is considered proprietary information and shall not be distributed beyond the intended recipient without the express written consent of Ajax Building Company, LLC !!!			
Performance & Payment Bond	1.00 LS	93,292.00	93,292
General Liability Insurance	1.00 LS	102,177.00	102,177
Builder's Risk Insurance (By Owner)	1.00 NIC		
Total Minor Item Code 36000.000 BONDS & INSURANCE			\$195,469
Total Major Item Code 36000.000 BONDS & INSURANCE			\$195,469
Major Item Code 37000.000 WARRANTIES			
Minor Item Code 37000.000 WARRANTY			
Warranty Allocation	1.00 LS	9,386.00	9,386
Total Minor Item Code 37000.000 WARRANTY			\$9,386
Total Major Item Code 37000.000 WARRANTIES			\$9,386
Major Item Code 40000.000 DESIGN/CONSULTANTS FEES			
Minor Item Code 40000.000 DESIGN/CONSULTANT'S FEES			
Design/Consultant's Fees	1.00 LS	634,463.00	634,463
Additional Design Fee Allowance	1.00 LS	62,875.00	62,875
Total Minor Item Code 40000.000 DESIGN/CONSULTANT'S FEES			\$697,338
Total Major Item Code 40000.000 DESIGN/CONSULTANTS FEES			\$697,338
Major Item Code 50000.000 ESCALATION COST			
Minor Item Code 50000.000 ESCALATION COSTS			
Escalation Costs	1.00 LS	97,734.00	97,734
Total Minor Item Code 50000.000 ESCALATION COSTS			\$97,734
Total Major Item Code 50000.000 ESCALATION COST			\$97,734
Major Item Code 80000.000 CONTINGENCY			
Minor Item Code 80000.000 CONTINGENCY			
Construction Manager's Contingency	1.00 LS	490,351.00	490,351
Total Minor Item Code 80000.000 CONTINGENCY			\$490,351
Total Major Item Code 80000.000 CONTINGENCY			\$490,351
Major Item Code 90000.000 OVERHEAD & FEE			
Minor Item Code 90000.000 OVERHEAD & FEE			
Contractor's Fee	1.00 LS	602,916.00	602,916
Total Minor Item Code 90000.000 OVERHEAD & FEE			\$602,916
Total Major Item Code 90000.000 OVERHEAD & FEE			\$602,916
Total Sec BB BASE BID			\$11,707,173



CLARIFICATIONS, QUALIFICATIONS AND ASSUMPTIONS

Basis of the Schematic Design Phase Estimate

- This Schematic Estimate has been prepared based on the following documents:
 - The Contract Drawings entitled "Key West High School Backyard Renovation – Schematic Design" dated March 10, 2020 as prepared by Harvard Jolly Architecture. Refer to Document List included in Section II of this report.
 - The Construction Manager's Cost Estimate dated March 26, 2020.
 - The Construction Manager's Project Schedule dated March 19, 2020.
- The sizes, quantities and descriptions indicated within the Schematic Design Phase Estimate are considered to be part of these clarifications, qualifications and assumptions.
- These qualifications, clarifications and assumptions are intended to supplement the Schematic Design Phase Estimate and the Schematic Design Phase Documents, and are an attempt to inform the Owner and the Design Team of the Construction Manager's interpretation of the scope items which are included or excluded, and which may not be clearly shown or defined by specification, plan, elevation, detail, section, schedule, or schematic.

Scope of the Schematic Design Phase Estimate

- The scope of this Schematic Design Phase Report consists of the following:
 - The Construction Manager's general conditions and general requirements for a period of seven (7) months.
 - Base Bid Estimate – Includes the following scope of work:
 - New synthetic Multipurpose and Softball fields, Rubberized Track, new and relocated Bleachers, Pressboxes and new Concessions Building.
 - Alternates – The following "Alternate" has been priced and is offered for consideration as part of this Schematic Design Phase Report. Refer to Section IV of this report for a more detailed description and pricing for the alternate.
 - Alternate No. 1 – Repaving South Parking Lot

Division 01 – General Requirements

- Clarifications, qualifications and assumptions related to Division 01:
 - The Construction Manager's general conditions and general requirements for a period of seven (7) months are included.
 - We have included the necessary jobsite supervision, layout, safety supplies, equipment, temporary jobsite office facility, postage, office equipment, project telephones, and jobsite communications.
 - We have not included a jobsite office facility for the Owner, Architect, Engineer, or their representatives.
 - Aerial photographs have been included.
 - Environmental permits are not included.
 - Tap fees, connection charges, system charges, impact fees, meter fees, or other regulatory requirements/fees are not included as all utilities are being tied into existing utility services.
 - Costs related to a threshold inspector are not included.
 - Materials testing is not included and is assumed to be provided by the Owner.
 - Temporary utility services (water, sewer and electric) are not included. It is assumed that all temporary utilities required for the project will be tied into permanent utilities and that these permanent utilities are readily accessible, of adequate size to handle any additional load as required by temporary utilities and that



temporary on-site facilities can be located as necessary to prevent the need for any substantial overhead and/or underground temporary utilities.

- The costs associated with temporary water, sewer and electric utilities will be paid for by the Owner.
- We have included costs for Scheduling Software, Updates, Maintenance, and Support within the GMP. The charge for this service shall be \$875 and shall be billed as a lump sum amount upon approval of the GMP and issuance of the Notice to Proceed.
- We have included costs for MIS Services related to the project. This includes software updates associated with Ajax Building Company, LLC standard software provided for cost management, computer operating systems, PDF software, word processing applications, and spreadsheet applications. This includes troubleshooting, virus management/remediation, malware/adware management/remediation, updates, and maintenance of these systems. This does not include services related to scheduling, document control, and Project Management Controls, which are provided via other applications noted below. This does not include service provider costs for internet/telephone, initial setup, wiring, or connections. The charge for this service shall be \$1,050 and shall be billed as a lump sum amount upon approval of the GMP and issuance of the Notice to Proceed.
- We have included costs for Document Management and Project Management Controls Services. These services will be provided via a cloud based platform that will allow direct access to all Construction personnel, including Owners, Architects, and Subcontractors. Services will include the ability to access/manage the information via mobile devices via the internet. Services included will be Plans and Specs Maintenance and distribution, RFI Control, Submittal Control, Punch List Management, Daily Reports, along with other related functions inherent in the platform. The charge for this service shall be \$11,821 and shall be billed as a lump sum amount upon approval of the GMP and issuance of the Notice to Proceed.
- Temporary gravel, limerock, crushed concrete or asphalt millings is included for the stabilization of the construction entrances.
- Temporary jobsite fencing and gates are included as 6'-0" high chain link fencing.
- Silt fencing is included for areas where construction runoff and/or erosion may occur.
- We have included sodding areas disturbed by construction activities as necessary to return those areas to their pre-construction condition.
- One (1) each standard 4' x 8' project sign is included.
- An allowance in the amount of \$500 is included for the reproduction and distribution of Contract Documents for the purpose of construction.
- A site survey is included.
- The final project cleaning is included.
- Jobsite cleanup, rubbish removal and rubbish disposal are included.
- An as-built survey is included for the final documentation of the location and elevation of the proposed new construction.
- Performance and Payment Bonds are included.
- We have included this project's portion of our Umbrella / General Liability Insurance Policy within the GMP. The charge for this coverage shall be \$102,177 and shall be billed as a lump sum amount upon approval of the GMP and issuance of the Notice to Proceed.
- The Builder's Risk Insurance Policy shall be provided by the Owner. The policy shall list Ajax Building Company, LLC and their subcontractors as additional insureds and the Owner shall provide for a waiver of subrogation with Ajax Building Company, LLC and their subcontractors.
- We have included Warranty Management for the project within the GMP. The charge for this service to be provided during the warranty period shall be \$9,386 and shall be billed as a lump sum amount upon approval of the GMP and issuance of the Notice to Proceed.



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- A Construction Manager's Contingency is included. This contingency is to be utilized solely by Ajax Building Company, LLC in executing the work described in this Schematic Design Phase Report.
- Architectural and Engineering Fees are included.
- The Construction Manager's Construction Phase Fee is included at the rate of 5.8% of the GMP which shall be converted to a lump sum upon acceptance of the GMP.
- Provisions for enhanced hurricane protection (EHPA) are not included.
- Should the Owner elect to utilize the Direct Purchase Order process to save sales tax, the tax for actual purchases will be credited to the Owner. At the end of the Project, any refund for materials not purchased or surplus materials returned to suppliers plus the applicable sales tax amount shall be credited with an additive Change Order to the Agreement with the Construction Manager and Subcontractor's Agreement. Surplus materials shall be the property of the Subcontractor and no refund or materials shall be due to the Owner.

Division 02 – Existing Conditions

- Clarifications, qualifications and assumptions related to Division 02:
 - Demolition
 - Demolition work, as required for the renovations and new construction, is included.
 - The water and runoff generated from construction operations will be contained on the project site. It is assumed that the water and/or runoff generated from demolition operations will not require collection, treatment or disposal.
 - It is assumed that abandoned utilities will be disconnected and capped (not removed or filled).
 - We specifically exclude the relocation and/or reinstallation of any existing or temporary buildings, structures, etc.
 - The salvage of any materials, equipment, furniture, etc. is specifically excluded. It is assumed that all salvage operations by the Owner will have already been completed prior to the mobilization of the Construction Manager.

Division 03 – Concrete

- Clarifications, qualifications and assumptions related to Division 03:
 - Concrete Work General
 - Concrete is included as standard 3,000 psi for all cast-in-place continuous footings.
 - Grade Beam is included as 3,000 psi.
 - The slabs on grade included are 3,500 psi.
 - Concrete Column at Ticketing Pavilion is included at 4,000 psi.
 - Concrete in isolated beams at Ticketing Pavilion is included at 4,000 psi.
 - We excluded ice or icing for placing concrete in hot weather but include hot weather procedures.
 - We excluded any special rebar finishes, galvanizing, epoxy coatings, or special chairs/supports.
 - Building Earthwork
 - All building related earthwork is included for all concrete items.
 - Subsoil Termite Treatment
 - Subsoil termite treatment is included below all building slabs on grade.
 - Cast – In -Place Formwork
 - Formwork is included for all areas of concrete.
 - Structural Concrete
 - The Concession building slabs on grade are included as 16" thick, reinforced with two layers of steel reinforcement of #5 at 12" O.C. Slab edges stop at face of exterior CMU walls.



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- Bleachers slab on grade is included as 10", 3500 psi w/#5 @12" O.C T&B E.W
- Thickened slabs at exterior CMU walls are included.
- The estimate includes 15-mil Visqueen vapor barrier under all concrete slabs on grade.
- 24" D x 16" W Grade Beam 4#7 T&B, #3@12" STIR at the Bleachers
- 16" D x 16" W Grade Beam 2#5 T&B, #3@8" STIR at the Dugout.
- We specifically exclude any special vapor barriers, radon barriers, waterproofing membranes/coatings, or any other special membranes.
- Concrete Accessories
 - Control joints in slab on grade are included. Joints are saw cut 1/8" inch wide by one-fourth of slab depth with an "early entry" diamond blade.
 - Screeds and form releasing agent are included.
- Reinforcing Steel
 - Reinforced steel is included in all concrete.
- Concrete Finishing
 - Machine Trowel finish is included at the Concession Building.
 - Finish included for all footing.
 - Point & Patch is included at the dugout and bleachers.
- Concrete Curing
 - Protection and curing are included for all concrete surfaces.

Division 04 – Masonry

- Clarifications, qualifications and assumptions related to Division 04:
 - Concrete Masonry Units
 - All exterior walls are included as 8x8x16 concrete unit masonry to 13' average above the finished floor with reinforced filled cells and #5 bars at approximately 16" O.C. Bond beam is placed every 8' with 2 rows at the top of the wall w/ 2-#5. Per sheet A101(Floor Plan). All exterior cells are filled with grout.
 - All interior walls included as 8x8x16 concrete unit masonry to 12' with reinforced filled cells and #5 bars at approximately 16" OC. Integral CMU bond beam included.
 - Interior door and window headers will be precast concrete.
 - Refer to Division 32 for all costs associate with the site wall.
 - Scaffold and all required equipment for installation is included.
 - Block cleaning is included.
 - Control joint is included.

Division 05 – Metals

- Clarifications, qualifications and assumptions related to Division 05:
 - Structural Steel, Joists, and Deck
 - 5x3x1/4 HSS Columns and headers (with stud in-fill and board. See Div. 09) are included above all openings over 8' wide.
 - Galvanized C channel included at the Concession building and Ticketing Pavilion roof are 1000T250-54, 1000S250-97 @ 16" O.C, 1000S250-118, and 1000S162-54 @ 16" O.C.
 - Plates are included at the roof framing at Concessions Building.
 - Framing allowance of \$4,000 is included for the Multipurpose Scoreboard.
 - Framing allowance of \$7,000 is included for the Softball Scoreboard.
 - Roof metal deck is included as 1-1/2x20 galvanized at Concessions Building and Ticketing Pavilion.
 - Shop paint is included as red oxide.



- Miscellaneous and Fabricated Metals
 - 6' Aluminum Fence and 8' gate is included at the new Ticketing Pavilion.
 - Aluminum stair handrail is included at new entry stairway at north entry area.
 - Pole Vault steel box is included.
 - Finish Line Post is included.
- Stair Treads and Nosing
 - 3" Safety Nosing is included.

Division 07 – Thermal and Moisture Protection

- Clarifications, qualifications and assumptions related to Division 07:
 - Waterproofing & Damp proofing
 - Liquid Elastomeric Waterproofing is included at the exterior walls of the Concession building.
 - Building Insulation
 - 10" Batt Insulation is included at the roof of the Concession Building.
 - Roofing & Sheetmetal
 - Pressure treated plywood is included at the Concessions Building and Ticketing Pavilion.
 - Stainless Standing seam metal roof is included at the Concession Building and the Ticketing Pavilion.
 - 12" Fascia is included at the Concession Building.
 - 6" downspouts are included at the Concessions Building and Ticketing Pavilion.
 - 6" gutters are included at the Concessions Building and Ticketing Pavilion.

Division 08 – Doors and Windows

- Clarifications, qualifications and assumptions related to Division 08:
 - General assumptions regarding doors and frames.
 - All based on door schedule sheet A101
 - All door frames are 16-gauge hollow metal.
 - All hollow metal doors are factory primed and ready for field finish.
 - Finished Hardware
 - No hardware schedule was included as part of the Schematic design development drawings.
 - Specialty Doors
 - Manual exterior counter Stainless Steel roll-up door is included at the Concessions Building.

Division 09 – Finishes

- Clarifications, qualifications and assumptions related to Division 09:
 - Gypsum Board Systems
 - 5/8 Exterior Sheathing gypsum board is included at the ceilings and exterior soffits of the Concessions building.
 - Furring, Gypsum Plaster & Lathing
 - Extruded Stucco band is included at the Ticketing Pavilion.
 - Finished Flooring
 - Fluid Applied Floors at Concessions Building
 - Sealed concrete floors are included
 - Painted Floor finish is included.
 - Wall Finishes
 - CMU Coating



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- CMU exposed to view will be painted with a level 4 finish.
 - No high-performance coatings are included.
- **Paints and Coatings**
 - All interior and exterior hollow metal doors will be painted.
 - Hollow metal frames will be painted.
 - All interior walls and ceilings are included as painted.
 - All exposed interior metal will be painted.
 - No painting is included for concealed areas or areas otherwise not exposed to view.
 - Field touch-up is included for structural steel.

Division 10 – Specialties

- Clarifications, qualifications and assumptions related to Division 10:
 - **Solid Plastic Toilet Compartments**
 - Floor Mounted Toilet compartments included at Concessions Building.
 - Urinal Screen is included at Concessions Building.
 - **Flagpoles**
 - Aluminum Lighted Flagpole is included.
 - **Interior and Exterior Signage**
 - We include the following signage allowances:
 - Exterior Signs & Graphics allowance at Concessions Building - \$5,000
 - 10" Cast Aluminum Letters are included at the Ticketing Pavilion.
 - **Fire Protection Specialties**
 - Fire protection specialties are included as follows:
 - 10 Lb. "ABC" Fire Extinguishers
 - FE mounting hooks.
 - **Storm Panels**
 - Flood Panels are included at the Concessions Building.
 - **Toilet and Bath Accessories**
 - Toilet accessories are included as follows:
 - Frameless Mirror
 - Frameless Mirror (Vanity)
 - Handicap grab bar
 - Electric Hand Dryer
 - Mop Rack
 - Surface mounted double roll toilet paper holder
 - Liquid Soap Dispenser
 - Robe Hook

Division 11 – Building Equipment

- Clarifications, qualifications and assumptions related to Division 11:
 - **Residential Appliances**
 - Ice machine is included at Concessions Building.
 - Reach in Freezer is included at Concessions Building.
 - Reach in Refrigerator is included at Concessions Building.
 - **Athletic & Recreational Equipment**
 - Pole Vault Steel box is included.



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- Finish line Post is included.
- Athletic Equipment Allowance is included as \$20,000.
- Safety Netting, Vertical with Poles is included.
- Safety Netting, horizontal with Poles is included.
- Relocate Batting Cage enclosure with synthetic surface is included.
- Scoreboard with 2 Control consoles (Multipurpose) is included.
- Softball scoreboard with 2 control consoles (Owner furnish contractor install) is included.
- Bat Rack/shelf at Dugouts is included.
- Foul poles with pads are included.
- Softball fence top safety runner is included.
- Football goal posts is included.
- Football Benches Aluminum 15' is included.

Division 13 – Special Construction

- Clarifications, qualifications and assumptions related to Division 13:
 - Pre-Engineered Structures
 - We include the following Pre-Engineered Structures:
 - Press box (8'x30') for Softball/Baseball.
 - Press box (8'x30') for football.
 - Football Bleachers (600 Seats).
 - Relocate portable softball Bleachers (4 sets) allowance of \$1500.
 - (3) Three Connex Boxes.

Division 22 – Plumbing

- Clarifications, qualifications and assumptions related to Division 22:
 - Plumbing Piping, Valves, Fittings, & Insulation
 - Domestic water, and sanitary waste, and vent piping, valves, fittings, and insulation are included for all areas.
 - Plumbing Specialties, Fixtures, and Equipment
 - Plumbing fixtures and equipment included are as follows:
 - Water Heater – Insti-Hot Individual Unit.
 - Water Closet – ADA & Standard
 - Urinal – ADA
 - Lavatory, Standard Wall Hung – ADA
 - Lavatory, Standard Wall Hung
 - Sink, Single Bowl, Free Standing
 - Janitor/Mop Sink
 - Electric Water Cooler – Dual Mount Hi/Lo ADA
 - 2" Floor Drain
 - Floor Sink with 8" Nickel Bronze Top
 - Hose Bib - Interior
 - Hose Bibb – Freeze Proof Exterior
 - Ice Maker Hook Up

Division 23 – Heating, Ventilating, and Air-Conditioning (HVAC)



- Clarifications, qualifications and assumptions related to Division 23:
 - HVAC Work
 - The mechanical system is included as per the mechanical drawings, schedules and specifications on sheet M-101.
 - HVAC Fans
 - We included all fans based on previous projects.
 - Five (5) 2025 Cfm Exhaust Fans are included.

Division 26 – Electrical

- Clarifications, qualifications and assumptions related to Division 26:
 - Site Demolition
 - Demo exterior pole and light is included.
 - Site Electrical
 - Softball field sitework allowance of \$80,000 for lights.
 - Multipurpose field sitework allowance of \$250,000 for lights.
 - Electrical sitework tie In/Breakers/Transformers allowance of \$15,700.
 - Underground ductbank is included to carry electrical, fire alarm and cat 6 lines.
 - Transformer relocation allowance is not included as \$50,000.
 - Relocation of Utility Vault is included.
 - Service Entrances
 - Primary electrical service to Softball press box allowance is included as \$10,400.
 - Primary electrical service to Multipurpose press box allowance is included as \$12,400.
 - Power circuit distribution for Dugouts, batting cages, pitching bullpen and track is included
 - Power circuit distribution scoreboards controls provided via wireless allowance of \$12,800 is included.
 - Primary electrical service to Concession trailer is included at \$10,000.
 - Well Pump for Irrigation electrical circuit distribution is included at \$4,800
 - Low Voltage Transformer
 - We included the power and lighting distribution panels and breakers, lighting control panels and equipment, and dry-type transformers.
 - 75 KVA Stepdown Transformer, 480Y/277 V, 3 phase 4 wire is included at the Softball lighting.
 - Switchboards & Panelboards
 - We have included the following sub panels and Switchboards.
 - Electrical Sub Panel/Disconnect for Softball Pressbox.
 - Electrical Sub Panel/Disconnect for Multipurpose Pressbox.
 - Electrical Sub Panel/Disconnect for Concession Trailer
 - 100 A 120Y/208 V 1 Phase Panel (Concessions Bld)
 - 100 A 120Y/208 V 1 Phase Panel (Press Box)
 - 200 A, 480Y/277 V, 3 Phase, 4 Wire. (Softball lighting)
 - 208Y/120 V Panel (Softball field)
 - 250 A, 480Y/277 V, 3 Phase, 4 Wire (Multipurpose lighting)
 - 250A LPDA. Breaker
 - The electrical feeder system is included.
 - We include electrical equipment connections.
 - Device and Branch Circuitry
 - We have included device branch circuitry as follows:
 - ◆ Receptacle - Duplex Standard



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- ◆ Receptacle - Quadruplex
- ◆ Receptacle - Duplex Ground Fault - GFI
- ◆ Receptacle - Duplex - GFI – Water Proof
- ◆ Switch - Single Pole
- ◆ Switch – Single Pole – Key Operated
- ◆ Time Clock
- Lighting Branch Circuitry
 - We have included lighting branch circuitry.
 - We include the purchase and installation of all lighting fixtures
 - ◆ Sports Field Lighting (40' H Pole w/Light @ Softball) (60' H 2x2 LED Lay-In Pole w/Light at Multipurpose Field)
 - ◆ 2x2 LED Lay-In Fixture - Parabolic Lens
 - ◆ 1'x4' LED Vapor Proof
 - ◆ 1'x4' LED W/Emergency Backup
 - ◆ 8 1/2"x4" LED
 - ◆ LED Exterior Wall Pack
 - ◆ LED Exit Light
 - ◆ Pole Mounted Luminaries allowance of \$5000
 - ◆ Wall Mounted Emergency Battery Egress Luminaire
 - ◆ Ceiling fan

Division 27 – Communication Systems

- Clarifications, qualifications and assumptions related to Division 27:
 - Communication Systems General Information
 - We excluded the following technology system allowances in the estimate:
 - Racks, Patch Panels, & Routers
 - Cabinets, Racks, Enclosures, and Accessories
 - We include the following communication system accessories:
 - Ladder Tray @ IDF Rooms
 - Plywood Backboards
 - Communication Systems Conduit & Wire Only
 - We include the following conduit and wire for the required technology systems:
 - P/A & Sound Enhancement System Conduit & Wire.
 - Public Address Systems Devices and Equipment
 - We include the following public address system devices and equipment:
 - P/A Horn Type Speaker – Waterproof

Division 28 – Electronic Safety & Security

- Clarifications, qualifications and assumptions related to Division 28:
 - Security, Alarm and Detection Systems
 - We include security system conduit and wiring for the multipurpose Field
 - Security System Monitor
 - (10) Ten Camera – Digital Color
- We included a complete fire alarm system
 - We included Tying into the existing panel and the addition of the following devices



- Manual pull stations
- Horn/strobe combination
- Strobe Only – ADA- Waterproof
- Smoke Detector – Ceiling Mount
- Heat Detector – Rate of Rise

Division 31 – Site Work

- Clarifications, qualifications and assumptions related to Division 31:
 - Site Clearing & Earthwork per sheet C100
 - Silt Fencing is included.
 - Erosion Control Maintenance allowance of \$10,000 is included.
 - Construction Soil Tracking Device is included.
 - Remove Softball/Baseball Clay is included.
 - Remove Asphalt Paving is included.
 - Remove Concrete Paving is included.
 - Remove Concrete Transformer Pad Is included.
 - Remove Rubber Track and base is included.
 - Sawcut Concrete is included.
 - Sawcut Asphalt is included.
 - Remove Sidewalk is included.
 - Fence Removal is included.
 - Remove Chain Link Gates is included.
 - Demolish existing Dug Out is included.
 - Demolish Small Shed is included.
 - Demolish Score Boards are included.
 - Remove Football Goals are included.
 - The stripping of topsoil and stockpiling is included.
 - The excavation and backfill work include, on-site cut and fill and removal and replacement of top soil.
 - 455 CY of Topsoil will be imported.
 - 9630 TNS of import material is included.
 - All excavated material will remain onsite. Suitable material will be used in fill areas.
 - Dewatering is not included.
 - Grading, excavation, and fill for the new paved areas and building pads are included.
 - The placement of fill material is included.
 - All rough and finish grading is included.
 - Building fine grading and proof rolling is included.
 - 16" Diameter Augercast Piles are included at 10' deep.

Division 32 – Site Improvements

- Clarifications, qualifications and assumptions related to Division 32 per sheet C100
 - Base Courses and Sub-Base includes:
 - 12" Compacted Local Gravel at GrassPav 2 (Emergency Access).
 - 12" Compacted Local Gravel at 12' Emergency Access Path.
 - 6" Compacted Limerock at Pole Vault Area, High Jump Pad, 12' Emergency Access Path, Long Jump Pad, Synthetic 400m Track is included.
 - Paving



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- GrassPav 2 (Emergency Access)
- 2" Asphalt Wearing Course - Type S-1 (12' Emergency Paving Access Path)
- 6" Concrete Paving at 3000 psi with 6x6 – 10/10 W1.4/W1.4 is included for the Batting Cages, Discus Circle, Pole Vault Box and Shot Put Throw Pad is included.
- 6" Concrete Paving at 3500 psi with #5@12" O.C EW is included for the Pitching Bullpen, Press box Pad, Storage Conex and Concession Trailer is included.
- Protection, screeding, grading and protection are all included.
- Curbs & Gutters
 - Curb is included at the long jump pit and new planter are included.
- Sidewalks
 - Sidewalks are included.
 - Building sidewalks will receive a standard light trowel & broom finish.
 - Sidewalks abutting asphalt pavement will have thickened slab edges.
 - 6 mil Visqueen Vapor Barrier is included below all sidewalks.
 - 3000 psi concrete is included for all sidewalks.
 - 6x6-10/10 (W1.4/W1.4) Mesh.
 - Stairway is included as 3000 psi.
- Athletic & Recreational Surfacing
 - All Synthetic Urethane surface includes, 1" Asphalt Type 2 leveling course, and 4" Compacted limerock.
 - We included Urethane rubber surface at the IAAF 400M Track.
 - We included Urethane rubber surface at the Long Jump Pad.
 - We included Urethane rubber surface at the High Jump Pad.
 - We included Urethane rubber surface at the Pole Vault area.
 - We include striping allowance of \$500 for the Discus Area.
 - We include striping allowance of \$4,000 for the Football Field Area.
 - We include striping allowance of \$2,500 for the Practice Field Area.
 - We include striping allowance of \$500 for the Shotput Ring Area.
 - We include striping allowance of \$500 for the Javelin Area.
 - Synthetic turf is included at Softball Field and Infield.
 - Synthetic turf is included at Softball Pitching Bullpen.
 - Synthetic turf is included at Multipurpose Field.
 - Synthetic turf non-rubber infill is included at the Multipurpose field.
- Fences & Gates
 - We included all fencing and Gates per sheet AS000 and C100.
 - We included the installation of the existing 6' perimeter black vinyl chain link fence.
 - We included 6' Vinyl Coated Chain Link Fence at the Loading Dock.
 - We included 6' Vinyl Coated Chain Link Fence at the Softball/Baseball Dugout sides and top.
 - We included 6' Vinyl Coated Chain Link Fence at the Pitching Bullpen.
 - We included 6' removable Fence at Softball/Baseball field perimeter.
 - Artistic/Decorative wind screen is included at the pitching bullpen and at the removable fence.
 - (4) Four 3'Wx6'H Vinyl Coated Chain Link Gate & associated hardware.
 - (2) Two 4'Wx6'H Vinyl Coated Chain Link Gate (Emergency) & associated hardware.
 - (4) Four 4'Wx6'H Vinyl Coated Chain Link Gate W/Panic hardware.
 - (8) Eight 5'Wx6'H Vinyl Coated Chain Link Gate & associated hardware.
 - (6) Six 6'Wx6'H Vinyl Coated Chain Link Gate (Loading Dock) & associated hardware.
 - Discus Cage and Net.
 - All concrete Pole foundation is included for all new fence.
- Retaining Walls/Site Walls



AJAX PROJECT NO. 201939
MONROE COUNTY SCHOOL DISTRICT
KEY WEST HIGH SCHOOL BACKYARD DESIGN BUILD

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- Retaining Wall is included per sheet C100
- Landscaping and Irrigation
 - Landscaping is included per AS-000.
 - Irrigation is included.
 - Zoysia sod is included per AS-000.

Division 33 – Site Utilities

- Clarifications, qualifications and assumptions related to Division 33 are from a similar project at Marathon High School
 - Site Potable Water items included per sheet C100:
 - We included a Domestic Service Allowance of \$55,000.
 - Site Sanitary Sewer items are included as shown on the Utility Plan sheet:
 - We included a Sanitary Sewer Allowance of \$55,000.
 - All sanitary sewer pipes, clean-outs, wye, reducer and accessories are included.
 - Site Storm Drainage items included per the Grading & Drainage Plan sheet:
 - Dewatering is not included.
 - 18" RCP piping is included.
 - Exfiltration piping is included.
 - 18" Nyloplast Yard Drain W/CI is included.
 - CIP Concrete Manhole
 - Precast Concrete Inlet is included.
 - Double Chamber Baffle Box.
 - Injection Well.

General Notes

- General clarifications, qualifications and assumptions related to the Schematic Design Phase Report:
 - Electronic, CAD or BIM "As-Built" are not included. Ajax Building Company, LLC will maintain "As-Built" drawings at the jobsite throughout the construction phase and provide copies to the Architect and Owner at Final Completion.
 - O&M training, manuals or video-training is not included for Owner furnished equipment or items provided by the Owner's vendors.
 - In the event that there is an oversight, the estimate shall be utilized as the basis of understanding for costs included. Items not specifically identified in the estimate shall be assumed to be excluded. Line items in the estimate indicate work included.
 - Various unforeseen conditions and discrepancies may arise during the construction phase. It is assumed that the Design Team and Owner will assign a staff member(s) that will be readily available to respond and provide timely assistance in resolving all issues that may arise.
 - Due to budget restrictions, Ajax Building Company, LLC has based the Schematic Design Phase Estimate on a fair, standard and reasonable interpretation of the Schematic Design Phase Documents. We exclude any items or processes that are not typical, are unreasonable or would otherwise require that additional costs be added to the Schematic Design Phase Estimate.

END OF CLARIFICATIONS, QUALIFICATIONS AND ASSUMPTIONS TO THE SCHEMATIC DESIGN PHASE REPORT





ALTERNATES NARRATIVE

Within this section we have included pricing for various Alternates for consideration by Monroe County School District. The pricing for each alternate represents the adjustment required to the Base Bid Schematic Design Phase Estimate to incorporate the proposed change in scope. A summary listing of the proposed alternates is listed below. A more detailed description and a detailed estimate for each alternate have been provided in the sections of this report immediately following this narrative. All quantities and descriptions listed in the narratives and detailed estimates are part of the alternate pricing provided. The pricing provided includes all applicable mark-ups for bonds, insurance, etc.

- | | | |
|--|-----|-----------|
| ▪ Alternate No. 1 – Repaving South Parking Lot | Add | \$282,112 |
|--|-----|-----------|

The pricing for each Alternate represents the adjustment required to the Schematic Design Phase Estimate to incorporate the proposed change in scope. All quantities and descriptions listed in the narratives are part of the pricing provided. The pricing provided includes all applicable mark-ups for bonds, insurance, etc.

All Alternate Pricing provided is applicable to this design phase estimate only. The feasibility and pricing for all alternates will require further evaluation during all subsequent design phases.

The proposed change in scope and related pricing for various Alternates may be overlapping in nature and may require revisions based on the combination of options accepted.

Sort Sequences:

1. Sec
2. Major Item Code
3. Minor Item Code
4. Not Used

Estimate File: :201939_024_KEY WEST HS BACKYARD_SCH__ADD_ALT.€

Estimator:

Primary Project Qty:0 \$

Secondary Project Qty: 0 FLI

Estimate UM: Imperi

Report includes Taxes & Insurance.

12:42:30PM

3/27/2020

Description	Quantity	Unit \$	Total \$
NOTICE : This Document is considered proprietary information and shall not be distributed beyond the intended recipient without the express written consent of Ajax Building Company, LLC !!!			
Sec Z03 ADD ALTERNATE: MILL AND RESURFACE ASPHALT PARKING LOT			
Major Item Code 32000.000 SITE IMPROVEMENTS			
Minor Item Code 32100.000 BASE COURSES & SUB-BASE			
2" Mill Asphalt Paving	9,993.00	SQYD	55,711
Total Minor Item Code 32100.000 BASE COURSES & SUB-BASE			\$55,711
Minor Item Code 32120.000 FLEXIBLE PAVING			
2" Asphalt Wearing Course - Type S-1	9,993.00	SQYD	190,008
Total Minor Item Code 32120.000 FLEXIBLE PAVING			\$190,008
Minor Item Code 32170.000 PARKING BUMPERS			
6" White Painted Parking Line Striping	2,078.00	LNFT	731
Total Minor Item Code 32170.000 PARKING BUMPERS			\$731
Total Major Item Code 32000.000 SITE IMPROVEMENTS			\$246,449
Major Item Code 36000.000 BONDS & INSURANCE			
Minor Item Code 36000.000 BONDS & INSURANCE			
Performance & Payment Bond	1.00	LS	2,368.00
General Liability Insurance	1.00	LS	2,594.00
Builder's Risk Insurance	1.00	NIC	
Total Minor Item Code 36000.000 BONDS & INSURANCE			\$4,962
Total Major Item Code 36000.000 BONDS & INSURANCE			\$4,962
Major Item Code 37000.000 WARRANTIES			
Minor Item Code 37000.000 WARRANTY			
Warranty Allocation	1.00	LS	175.00
Total Minor Item Code 37000.000 WARRANTY			\$175
Total Major Item Code 37000.000 WARRANTIES			\$175
Major Item Code 50000.000 ESCALATION COST			
Minor Item Code 50000.000 ESCALATION COSTS			
Escalation Costs	1.00	LS	2,481.00
Total Minor Item Code 50000.000 ESCALATION COSTS			\$2,481
Total Major Item Code 50000.000 ESCALATION COST			\$2,481
Major Item Code 80000.000 CONTINGENCY			
Minor Item Code 80000.000 CONTINGENCY			
Construction Manager's Contingency	1.00	LS	12,579.00
Total Minor Item Code 80000.000 CONTINGENCY			\$12,579
Total Major Item Code 80000.000 CONTINGENCY			\$12,579
Major Item Code 90000.000 OVERHEAD & FEE			
Minor Item Code 90000.000 OVERHEAD & FEE			
Construction Manager's Fee	1.00	LS	15,466.00

Sort Sequences:

1. Sec
2. Major Item Code
3. Minor Item Code
4. Not Used

Estimate File: :201939_024_KEY WEST HS BACKYARD_SCH__ADD_ALT.€

Estimator:

Primary Project Qty:0 \$

Secondary Project Qty: 0 FLI

Estimate UM: Imperi

Report includes Taxes & Insurance.

12:42:30PM

3/27/2020

Description	Quantity	Unit \$	Total \$
NOTICE : This Document is considered proprietary information and shall not be distributed beyond the intended recipient without the express written consent of Ajax Building Company, LLC !!!			
<i>Total Minor Item Code 90000.000 OVERHEAD & FEE</i>			\$15,466
<i>Total Major Item Code 90000.000 OVERHEAD & FEE</i>			\$15,466
<i>Total Sec Z03 ADD ALTERNATE: MILL AND RESURFACE ASPHALT PARKING LOT</i>			\$282,112



AJAX PROJECT NO. 201939
MONROE COUNTY SCHOOL DISTRICT
KEY WEST HIGH SCHOOL BACKYARD DESIGN BUILD

SCHEMATIC DESIGN PHASE REPORT

April 2, 2020

ANTICIPATED BID PACKAGES

<u>BP No.</u>	<u>Bid Package Description</u>
BP 01.01	Site Surveying
BP 01.03	Final Cleaning
BP 03.01	Concrete & Masonry
BP 05.01	Structural & Misc. Steel
BP 07.02	Roofing
BP 08.01	Doors & Hardware
BP 08.02	Overhead Coiling Doors
BP 09.01	Drywall
BP 09.09	Painting
BP 10.02	Signage & Scoreboards
BP 10.04	Flood Barriers
BP 10.06	Sports Netting
BP 10.10	Misc. Specialties
BP 11.07	Athletic Equipment
BP 12.08	Bleachers & Press Box
BP 22.01	Plumbing
BP 23.02	HVAC
BP 26.01	Electrical
BP 31.01	Sitework
BP 31.02	Deep Foundations
BP 32.02	Sports Fields & Track
BP 32.03	Fencing & Gates
BP 32.04	Landscape & Irrigation
	(END OF ANTICIPATED BID PACKAGES)



SITE UTILIZATION PLAN NARRATIVE

Refer to the attached Site Utilization Plan dated April 2, 2020 as prepared by Ajax Building Company, LLC and included in Section VI-B of this report for the illustration of the below listed items.

Temporary Fencing

- Material: Six foot (6') high galvanized chain link fencing will be utilized for the temporary construction fencing.
- Locations: Temporary fencing will be installed at the locations indicated on the Site Utilization Plan.
- Visual Barriers: Full-height windscreening will be installed as a visual barrier on all chain link fencing and gates. This visual barrier will be maintained for the duration of the project.

Construction Entrances and Temporary Gates

- Primary Construction Entrance: The primary construction entrance is located off Atlantic Blvd on the south side of the Roller Hockey Arena. A 24' wide vehicle gate will be located at this entrance.
- All construction entrances intended for vehicular traffic will be stabilized with gravel, limerock, crushed concrete, asphalt millings, or other stabilization materials as determined appropriate by Ajax Building Company, LLC. Although it is anticipated that a large portion of the stabilization materials will be inherently absorbed by the project site, Ajax Building Company, LLC will endeavor to remove and dispose of these stabilization materials to a practical limit prior to the installation of site finishes.
- Note: The locations for all gates are indicated on the Site Utilization Plan.

Site Security

- Gate Security: All temporary gates, vehicle and pedestrian, will be chained and locked during non-work hours throughout the duration of the project.

Debris Removal

- Roll-off containers will be supplied and maintained by Waste Management for removing construction debris from the project site.
- All roll-off container pulls will be scheduled by Ajax Building Company, LLC's Project Superintendent.
- Unless otherwise dictated by the progress/requirements of the project, Ajax Building Company, LLC will endeavor to perform all roll-off container pulls during business hours.

Tree Protection / Erosion Control / Barricades

- Tree protection: All tree protection required by the Contract Documents will be installed prior to the commencement of site work.
- Erosion Control: All silt fencing, hay bales and other erosion control measures required by the Contract Documents will be installed prior to the commencement of site work.
- Tree and Root Pruning: All tree and root pruning required will be performed in accordance with the Contract Documents.



Crane, Vehicle and Equipment Paths

- Crane, vehicle and equipment paths required for equipment and/or vehicle travel, bearing, access, etc. within the project site will be stabilized with gravel, limerock, crushed concrete, asphalt millings, or other stabilization materials as determined appropriate by Ajax Building Company, LLC.
- Although it is anticipated that a large portion of the stabilization materials will be inherently absorbed by the project site, Ajax Building Company, LLC will endeavor to remove and dispose of these stabilization materials to a practical limit prior to the installation of site finishes.

On-Site Material Storage

- Storage Containers: Various materials, equipment and fabricated items will be stored in Connex-type trailers, tractor trailers and storage boxes within the fenced area of the project site. All storage containers will be locked during non-work hours.
- Open Material Storage: Various materials, equipment and fabricated items that do not lend themselves to be stored in containers will be stored and/or staged on the project site. Such items will be stored on dunnage and protected from the elements as necessary to ensure that the quality and condition of the items is not jeopardized.

Temporary Facilities

- Jobsite Office Trailers: The locations for jobsite office trailers are indicated on the Site Utilization Plan. The locations indicated have been proposed in an effort to minimize interference with construction activities and to allow for minimal disturbance of the completed construction when the office trailers are removed at the completion of the project. All jobsite office trailers will be well-maintained units.
- Schedule: The project schedule indicates that the mobilization of jobsite office trailers will commence in July 2020 with the start of mobilization activities.
- Temporary Power:
 - Temporary electrical service for the jobsite office trailers will be obtained from Keys Energy. The temporary electrical service is being provided by Monroe County Schools and will be installed by the Electrical Subcontractor.
 - Temporary electrical service for the construction site will be obtained from Keys Energy. The temporary electrical service is being provided by Monroe County Schools and will be installed by the Electrical Subcontractor.
- Temporary Water:
 - Temporary water service for the jobsite office trailers will be obtained from existing services. The temporary water service is being provided by Monroe County Schools and will be installed by Sitework Subcontractor.
 - Temporary water service for the construction site will be obtained from existing services. The temporary water service is being provided by Monroe County Schools and will be installed by Sitework Subcontractor.
 - The temporary sanitary sewer service for the jobsite office trailers will be obtained by 1) tying into an existing sanitary sewer service, or 2) supplying a sanitary holding tank.
 - The temporary sanitary sewer service for the construction site will be obtained by 1) tying into an existing sanitary sewer service, or 2) supplying portable toilet facilities (port-o-lets).
 - In such cases that a holding tank or portable toilet facilities (port-o-lets) are required, those facilities will be serviced two (2) times per week or as otherwise necessary when they are in use.



AJAX PROJECT NO. 201939
MONROE COUNTY SCHOOL DISTRICT
KEY WEST HIGH SCHOOL BACKYARD DESIGN BUILD

SCHEMATIC DESIGN PHASE REPORT

April 2, 2020

- Temporary Internet Services:
 - Temporary internet service for the jobsite office trailers will be obtained from Comcast. The temporary internet service is being provided by Monroe County Schools and will be installed by the Electrical Subcontractor.

Construction Traffic, Parking and Deliveries

- Ajax Building Company, LLC Office Staff: Ajax office staff will utilize the southwest entrance gate and drive for access, parking and project management activities. Parking for Ajax office staff will be in the location(s) indicated on the Site Utilization Plan.
- Construction Employees and Personnel: Construction employees and personnel will utilize the southwest entrance gate and drive for access and parking. Parking for construction employees and personnel will be in the location(s) indicated on the Site Utilization Plan.
- Construction Deliveries: General construction related deliveries will utilize the southwest Entrance gate and drive for access to the project site.

Maintenance of Site

- Ajax Building Company, LLC will maintain all temporary fencing, visual windscreen barriers, tree protection, erosion control measures, construction storage areas, and construction parking areas to ensure safety and an acceptable appearance. It is assumed that the Owner will continue to maintain all other areas outside the construction site or not occupied by Ajax Building Company, LLC.
- Street sweeping will be performed as necessary.
- The site will be monitored for trash, debris, and general housekeeping. Cleanup and housekeeping will be performed on a regular basis as necessary to ensure safety and an acceptable appearance.

Emergency Contact Information

- Emergency Contacts: The following is a list of emergency contact numbers for Ajax Building Company, LLC personnel assigned to the project.

<u>Contact Person</u>	<u>Job Title</u>	<u>Contact Number</u>
Michael Wilson	Operations Manager	Office 813-792-3908 / Mobile 813-545-2583
Chris Tinker	Project Superintendent	Mobile 813-404-7494
Matt O'Neil	Assistant Project Manager	Office 305-602-8231 / Mobile 813-545-5949





Site Utilization Plan

April 2, 2020



SCHEDULE NARRATIVE

Refer to the attached Master Project Schedule dated March 19, 2020 as prepared by Ajax Building Company, LLC and included in Section VII-B of this report for the illustration of the below listed items. The project schedule has been updated to include progress achieved through March 19, 2020.

The project schedule included within this report is based on the information represented in the Schematic Design Phase documents. The project schedule reflects an overall duration of six (6) months for the construction phase of the project.

The following are various Milestone Dates that are included within the project schedule:

- | | |
|--|-------------------|
| ▪ Mobilization / Start of Construction | July 8, 2020 |
| ▪ Substantial Completion | December 18, 2020 |
| ▪ Final Completion | January 19, 2021 |

In order for construction activities to commence on July 8, 2020 as scheduled, the following contractual activities will need to be completed as indicated:

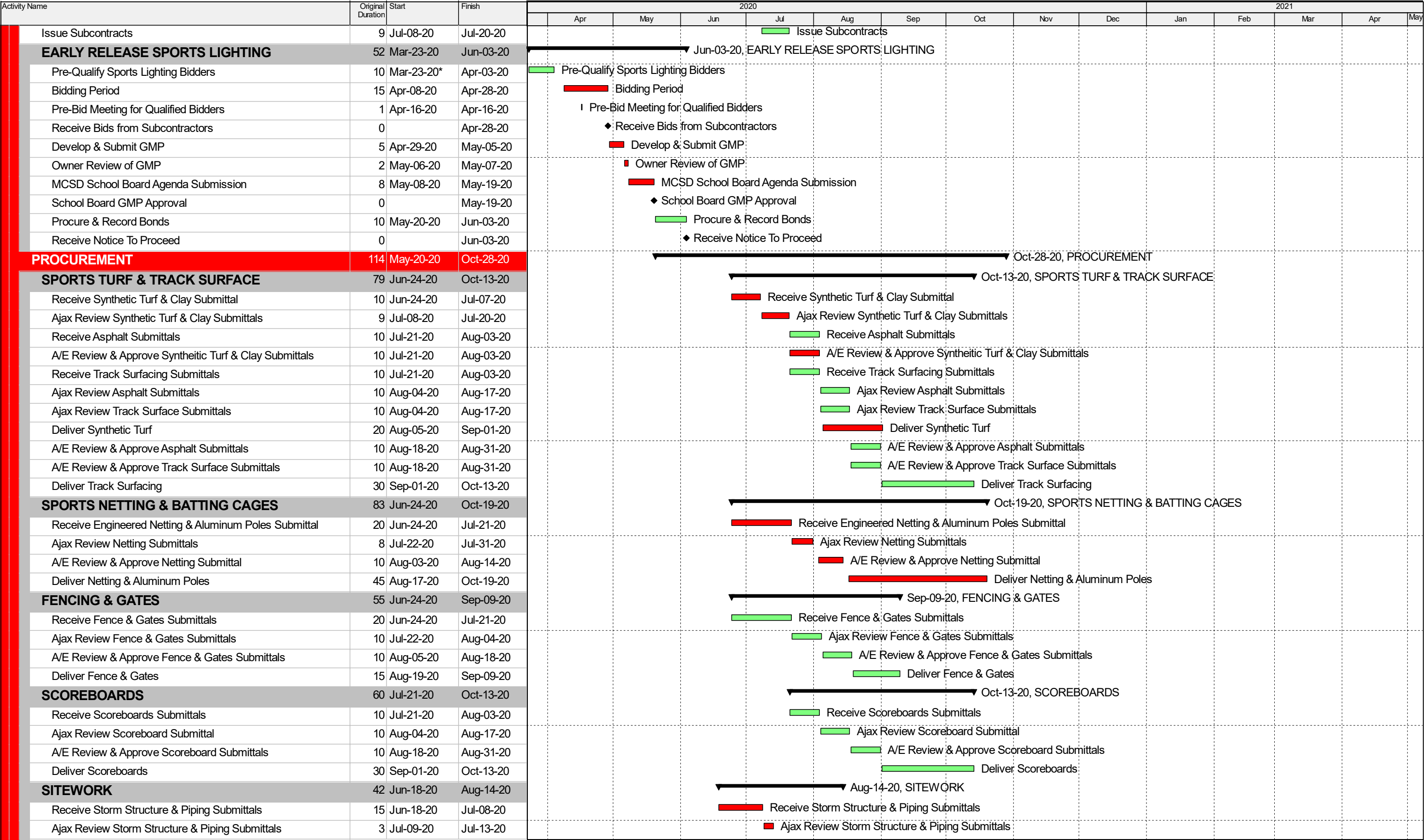
- | | |
|--|---------------|
| ▪ Early Release Site Lighting Direct Purchase Order Issued | May 19, 2020 |
| ▪ GMP Negotiations Complete | June 17, 2020 |
| ▪ CM Contract Amendment Executed | June 23, 2020 |
| ▪ Notice to Proceed | July 7, 2020 |

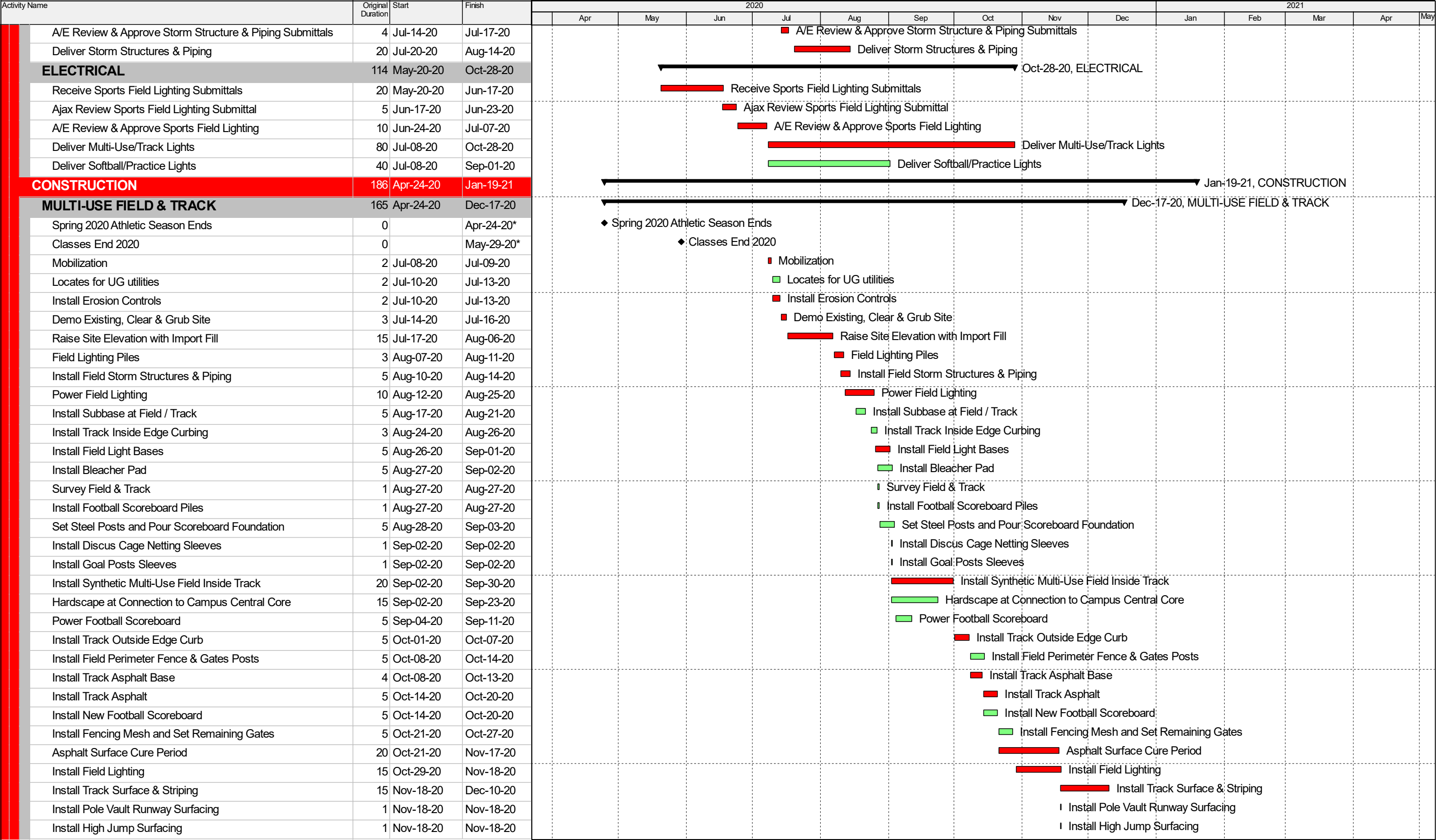
In order to expedite the project start-up activities, the Design Team, the Construction Manager and the Owner will be required to closely coordinate and expedite submittal review/approval, respond to information requests, respond to conflicts/unforeseen conditions, etc.

The schedule is based upon the assumption that any design revisions required to address future design review comments and/or permitting review comments after the issuance of the Notice to Proceed will be issued to the Construction Manager within one (1) week of receipt of such comments with a directive to proceed. It is further assumed that such revisions (if any) will be minor in nature and will not result in a material change in the overall scope and/or direction of the project.

Ajax Building Company, LLC will continue to work closely with the Project Team throughout the Preconstruction and Construction Phases of the project to ensure that all critical dates are maintained.

Activity Name	Original Duration	Start	Finish	2020												2021				
					Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
KEY WEST HS BACKYARD DB	316	Oct-22-19 A	Jan-19-21	▼ Jan-19-21, KEY WEST HS BACKYARD DB																
DESIGN	155	Oct-22-19 A	Jun-01-20	Jun-01-20, DESIGN																
DB Team Approved at Board Meeting	0	Oct-22-19 A																		
Kick Off Meeting	0		Oct-24-19 A																	
Existing Site Survey	30	Oct-25-19 A	Jan-29-20 A																	
Existing Site Geotechnical Investigation & Report	30	Oct-25-19 A	Dec-20-19 /	Report																
Existing Conditions GPR Survey	20	Oct-25-19 A	Nov-27-19 /																	
Existing Conditions Assessment	10	Jan-29-20 A	Feb-18-20 /	itions Assessment																
Schematic Design	20	Feb-12-20 A	Mar-10-20 /	ematic Design																
Owner Review SD	10	Mar-11-20 A	Mar-13-20 /	wner Review SD																
CM SD Estimate	15	Mar-11-20 A	Mar-31-20	CM SD Estimate																
Sports Lighting Design Bidding Documents	20	Mar-11-20 A	Apr-07-20	Sports Lighting Design Bidding Documents																
Design Development	20	Mar-16-20 A	Apr-14-20	Design Development																
CM SD Report	5	Apr-01-20	Apr-07-20	CM SD Report																
School Board Agenda - SD	5	Apr-08-20	Apr-14-20	School Board Agenda - SD																
School Board Presentation - SD	0		Apr-14-20	School Board Presentation - SD																
Owner Review DD	10	Apr-15-20	Apr-28-20	Owner Review DD																
CM DD Estimate	15	Apr-15-20	May-05-20	CM DD Estimate																
Construction Documents	13	Apr-29-20	May-15-20	Construction Documents																
CM DD Report	5	May-06-20	May-12-20	CM DD Report																
School Board Agenda - DD	5	May-13-20	May-19-20	School Board Agenda - DD																
CM Redi-Check Review CD's	5	May-18-20	May-22-20	CM Redi-Check Review CD's																
Owner Review CD's	5	May-18-20	May-22-20	Owner Review CD's																
School Board Presentation - DD	0		May-19-20	School Board Presentation - DD																
Incorporate Comments	5	May-26-20	Jun-01-20	Incorporate Comments																
PERMITTING	42	Apr-15-20	Jun-12-20	Jun-12-20, PERMITTING																
FDEP Notice of Intent/Permitting	40	Apr-15-20	Jun-10-20	FDEP Notice of Intent/Permitting																
SFWMD Permitting	40	Apr-15-20	Jun-10-20	SFWMD Permitting																
Submit MCSD Permit App to AHJ	2	Jun-02-20	Jun-03-20	Submit MCSD Permit App to AHJ																
Receive MCSD Permit	2	Jun-11-20	Jun-12-20	Receive MCSD Permit																
GAURANTEED MAXIMUM PRICE	85	Mar-23-20	Jul-20-20	Jul-20-20, GAURANTEED MAXIMUM PRICE																
Solicit Bidders	15	Mar-23-20*	Apr-10-20	Solicit Bidders																
Pre-Qualify Bidders	20	Apr-13-20	May-08-20	Pre-Qualify Bidders																
Bidding Period	15	May-18-20	Jun-08-20	Bidding Period																
Pre-Bid Meeting for Qualified Bidders	1	May-26-20	May-26-20	Pre-Bid Meeting for Qualified Bidders																
Addendum No. 1	0		Jun-01-20	Addendum No. 1																
Receive Bids from Subcontractors	0		Jun-08-20	Receive Bids from Subcontractors																
Develop & Submit GMP	5	Jun-09-20	Jun-15-20	Develop & Submit GMP																
Owner Review of GMP	2	Jun-16-20	Jun-17-20	Owner Review of GMP																
MCSD School Board Agenda Submission	4	Jun-18-20	Jun-23-20	MCSD School Board Agenda Submission																
School Board GMP Approval	0		Jun-23-20	School Board GMP Approval																
Procure & Record Bonds	10	Jun-24-20	Jul-07-20	Procure & Record Bonds																
Receive Notice To Proceed	0		Jul-07-20	Receive Notice To Proceed																





KEY WEST HS BACKYARD DB

Start Date: Oct-22-19

Finish Date: Jan-19-21

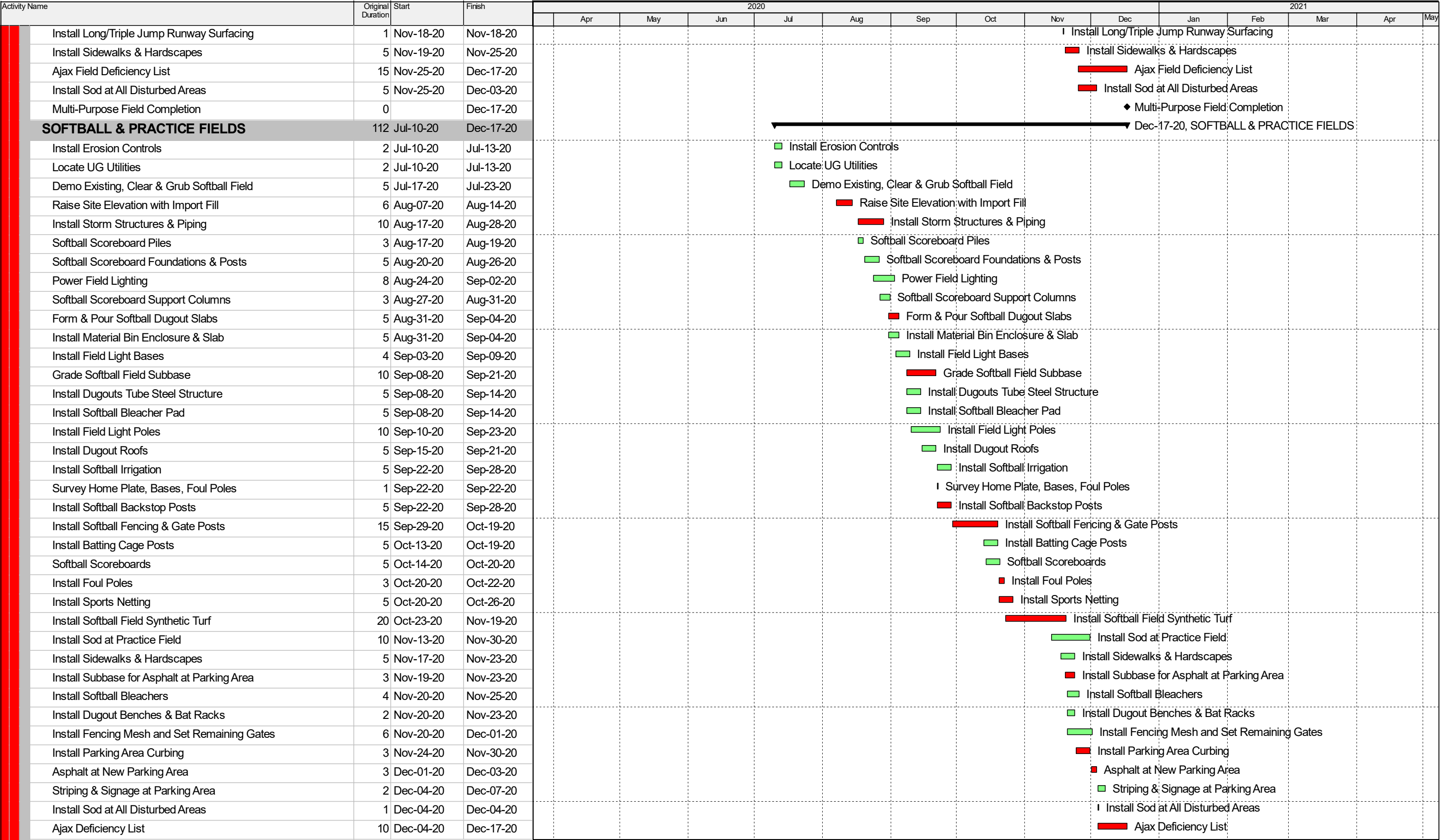
Current Date: Mar-19-20

Data Date: Mar-19-20

Page 3 of 5

TASK filter: All Activities





KEY WEST HS BACKYARD DB

Start Date: Oct-22-19

Finish Date: Jan-19-21

Current Date: Mar-19-20

Data Date: Mar-19-20

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TASK filter: All Activities



Activity Name		Original Duration	Start	Finish	2020												2021				
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
<div></div>	Softball & Practice Field Completion	0		Dec-17-20											◆ Softball & Practice Field Completion						
	COMPLETION	22	Dec-17-20	Jan-19-21											➤ Jan-19-21, COMPLETION						
	Final AHJ Inspection	1	Dec-17-20	Dec-17-20											I Final AHJ Inspection						
	Substantial Completion	1	Dec-18-20	Dec-18-20											I Substantial Completion						
	Classes End 2020/Start Winter Break	0		Dec-18-20*											◆ Classes End 2020/Start Winter Break						
	Closeout	20	Dec-21-20	Jan-19-21											Closeout						
	Complete A/E Punchlist	10	Dec-21-20	Jan-05-21											Complete A/E Punchlist						
	As-Built Survey	5	Dec-21-20	Dec-28-20											As-Built Survey						
	Final Completion	0		Jan-19-21											◆ Final Completion						

KEY WEST HS BACKYARD DB

Start Date: Oct-22-19
Finish Date: Jan-19-21
Current Date: Mar-19-20
Data Date: Mar-19-20Page 5 of 5
TASK filter: All Activities