

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: Capital Improvement

AGENDA DATE: August 21, 2018

CONTACT PERSON/PHONE: Sam Rodriguez, P.E., City Engineer, (915) 212-1845

DISTRICT(S) AFFECTED: 3,7, 8

STRATEGIC GOAL: Enhance El Paso's Quality of Life through Recreational, Cultural and Educational Environments

SUBJECT:

The City Manager be authorized to execute the Amendment to the Standard Form of Agreement Agreement between Owner and Construction Manager At Risk as Contractor, Jordan Foster Construction, LLC, and any related contract documents and agreements necessary to effectuate this award, including the Guaranteed Maximum Price not to exceed \$22,535,553.00 as an amendment for construction services to Solicitation No. 2017-965R.

And that as a part of this award, upon the review by the City Attorney, the City Engineer may without further authorization from City Council approve contract changes which are necessary for proper execution of the work and carrying out the intent of the project, which are in accordance with applicable laws, do not make changes to the approved prices and are within the appropriate budget.

That the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for execution of this award.

BACKGROUND / DISCUSSION:

The Capital Improvement Department is requesting approval of a construction Guaranteed Maximum Price Amendment for three community recreation centers as part of the QOL Bond initiative. Project Management and Project Design Services were previously awarded. On July 11, 2017 a CMAR contract with Jordan Foster, LLC for preconstruction services was approved by council. A first amendment was approved by council March 6, 2018 for a not to exceed amount of \$1,549,614.00 for additional pre construction services for demolition and preparation of existing Chamizal site and structures for proposed new recreation center and future new park.

The Guaranteed Maximum Price Amendment establishes a not-to-exceed cost for the construction of the project and allows the ability to "fast-track" early components of construction prior to full completion of final design including demolition phase for the Chamizal project site.

The Construction Manager will work with the City Capital Improvement Department project management to manage construction within required budget and schedules. Upon completion of all bidding and cost procurement a final GMP shall be submitted for City Manager approval. Schedule is for start of demolition spring 2018, start of construction fall of 2018 and completion end of 2019.

SUMMARY:

Discussion and action to approve the Guaranteed Maximum Price Amendment as part of Solicitation No. 2017-965R for New Community Centers: Alameda and Chamizal Recreation Center and Library Combo & Lomaland Recreation Center to Jordan Foster Construction, LLC, a Texas Limited Liability Corporation for an estimated total construction amount not to exceed \$22,535,553.00.

PROTEST

☐ No protest received for this requirement.

☐ Protest received.

COUNCIL REPRESENTATIVE BRIEFING:

Was a briefing provided? X Yes or ☐ No (Routine Item)

If yes, select the applicable districts.

☐ District 1

☐ District 2

X District 3

☐ District 4

☐ District 5

☐ District 6

X District 7

X District 8

☐ All Districts

PRIOR COUNCIL ACTION:

July 11, 2017 CMAR contract with Jordan Foster, LLC

March 6, 2018 Amendment to CMAR contract with Jordan Foster, LLC Demo Prep

AMOUNT AND SOURCE OF FUNDING:

\$22,535,553.00 2012 QOL Bond Funding and 2019 Capital Plan Funding

BOARD / COMMISSION ACTION:

N/A

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:

RESOLUTION

CITY CLERK DEPT.
2018 AUG 15 PM2:50

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

THAT the City Manager is authorized to sign the Guaranteed Maximum Price Amendment to the Standard Form of Agreement by and between the City of El Paso and Jordan Foster Construction, LLC, ("Construction Manager") for the project known as "New Community Centers: Alameda and Chamizal Recreation Center and Library Combo & Lomaland Recreation Center 2017-965R", to accept and incorporate the Construction Manager's Guaranteed Maximum Price Proposal and establishing the Guaranteed Maximum Price ("GMP") for the project in the amount of Twenty Two Million Five Hundred Thirty Five Thousand Five Hundred Fifty Three and No/100 dollars (\$22,535,553.00); and

That the City Manager or Designee be authorized to approve contract changes which are necessary for proper execution of the work and carrying out the intent of the project, which are in accordance with applicable law and do not make changes to the prices and are within the appropriate budget; and

That the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for execution of this agreement.

PASSED AND APPROVED this ____ day of _____, 2018.


CITY OF EL PASO:

Dee Margo, Mayor

ATTEST:

Laura D. Prine,
City Clerk

APPROVED AS TO FORM:



Sol M. Cortez
Senior Assistant City Attorney

APPROVED AS TO CONTENT:



Sam Rodriguez, P.E., City Engineer
Capital Improvement Department

16-1004-774.001/PL#814052

Guaranteed Maximum Price Amendment to Standard Form of Agreement

New Community Centers: Alameda and Chamizal Recreation Center and Library Combo & Lomaland Recreation Center 2017-965R

Jordan Foster Construction, LLC../SMC

**GUARANTEED MAXIMUM PRICE AMENDMENT
TO THE
STANDARD FORM OF AGREEMENT
BETWEEN OWNER AND CONSTRUCTION MANAGER**

This Guaranteed Maximum Price Amendment (the "Amendment") to the Standard Form of Agreement Between Owner and Jordan Foster Construction, LLC, ("Construction Manager") is entered into by and between the City of El Paso (the "City") and Jordan Foster Construction, LLC, for the construction of the NEW COMMUNITY CENTERS: ALAMEDA AND CHAMIZAL RECREATION CENTER AND LIBRARY COMBO & LOMALAND RECREATION CENTER 2017-965R ("Project"). This Amendment amends the one certain Standard Form of Agreement Between the Owner and Construction Manager (the "Agreement") entered into by and between the City and Construction Manager dated February , 2018, and establishes a Guaranteed Maximum Price ("GMP") for completion of construction as set forth below:

RECITALS

WHEREAS, the City and Construction Manager entered into the Agreement dated as of February 20, 2018, for the construction of the NEW COMMUNITY CENTERS: ALAMEDA AND CHAMIZAL RECREATION CENTER AND LIBRARY COMBO & LOMALAND RECREATION CENTER 2017-965R; and

WHEREAS, unless clearly provided otherwise herein, all terms and phrases used herein shall have the same meaning as the terms and phrases used in the Agreement; and

WHEREAS, Section 2.05 of the Agreement contemplates the delivery of a Construction Manager's GMP Proposal to the City; and

WHEREAS, Section 2.05 of the Agreement requires that said proposal contain certain representations and documentation; and

WHEREAS, Section 2.05 of the Agreement provides that in the event the City timely accepts the Construction Manager's GMP Proposal, this Amendment shall be executed; and

WHEREAS, Construction Manager has delivered a Construction Manager's GMP Proposal to the City; and

WHEREAS, the City desires to accept the Construction Manager's GMP Proposal, subject to any amendments or revisions as set forth below.

NOW, THEREFORE, in consideration of the mutual covenants set forth herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the City and Construction Manager agree to modify and amend the Agreement as follows:

1. The City hereby accepts the Construction Manager's GMP Proposal submitted by Construction Manager dated August 13, 2018, a true and complete copy of which is attached hereto and incorporated herein by reference, marked as Exhibit "1-A".
2. Construction Manager's GMP for the Project is **Twenty Two Million Five Hundred Thirty Five Thousand Five Hundred Fifty Three and No/100 dollars (\$22,535,553.00)** subject to additions and deductions by Change Order as provided in the Contract Documents. As agreed by the City and Construction Manager, the GMP is the price for the completion of the Project shall not exceed and is based on and detailed in the attached Exhibit "1-A".
3. The Construction Manager's Fee for the construction of the Project is hereby established in the sum of **Seven Hundred Thirty Six Thousand Three Hundred Five and No/100 dollars (\$736, 305.00)**, based on the product of 3.75% multiplied by the Cost of the Work, and said sum is included within the above stated GMP.
4. The Cost of Work for the construction of the Project are hereby established in the sum of **Nineteen Million Two Hundred Sixty Four Thousand Four Hundred Ten and No/100 dollars (\$19,874,989.00)**, and said sum is included in the above stated GMP. Construction Manager acknowledges and agrees that the City shall have no liability for any Cost of Work expenses beyond payment of the above noted amount and Construction Manager agrees that it shall not be entitled to receive any additional compensation from the City for the Cost of Work beyond this amount unless expressly adjusted by a Change Order.
5. The Construction Managers Contingency and Allowances for the construction of the Project is hereby established in the sum of **Contingency: Five Hundred Seventy Seven Thousand Nine Hundred Thirty Two and No/100 dollars (\$577,933.00)** and **Allowances: One Million Three Hundred Forty Six Thousand Three Hundred Twenty Six and No/100 dollars (\$1,346,326.00)** and said sum is included in the above GMP.
6. **Substantial Completion.** The City and Construction Manager agree to amend the Agreement to stipulate that the Construction Manager shall achieve Substantial Completion of the entire Work not later than 428 calendar days from the date of commencement, subject to and adjustments of this Contract Time as provided in the Contract Documents and Changer Orders modifying and extending this Agreement. It is specifically understood and agreed to by and between Owner and Construction Manager that time is of the essence in the substantial completion of the Work, and that failure to substantially complete the Work within the designated period, or as it may be extended, shall be construed as a breach of this Agreement.

Final Completion. The City and Construction Manager agree to amend the Agreement to stipulate that the Construction Manager shall achieve Final Completion of the entire Work not later than 473 calendar days from the date of commencement, subject to and adjustments of this Contract Time as provided in the Contract Documents and Changer Orders modifying and extending this Agreement. It is specifically understood and agreed to by and between Owner and Construction Manager that time is of the essence in the substantial completion of the Work, and that failure to substantially complete the Work within the designated period, or as it may be extended, shall be construed as a breach of this Agreement.

7. Except as modified herein, the terms and conditions of the Agreement remain unchanged. In the event of a conflict between the terms of this Amendment and those of the Agreement, the City and Construction Manager agree that the terms of this Amendment shall take precedence.

IN WITNESS WHEREOF, the parties have executed this Amendment to be effective as of the ____ day of _____, 2018.

OWNER:
CITY OF EL PASO, TEXAS


Tomás González, City Manager

APPROVED AS TO FORM:



Sol M. Cortez
Senior Assistant City Attorney

APPROVED AS TO CONTENT:



Samuel Rodriguez, P.E., City Engineer
Capital Improvement Department

(Signatures Continue on the Following Page)

Construction Manager:
Jordan Foster Construction, LLC

By: _____

Name: _____

Title: _____

(Acknowledgement Begin on the Following Page)

ACKNOWLEDGEMENTS

**THE STATE OF TEXAS §
 §
COUNTY OF EL PASO §**

This instrument was acknowledged before me on this _____ day of _____, 2018,
by **Tomás González**, as **City Manager** of the **City of El Paso**, Texas.

Notary Public, State of Texas

My commission expires:

**THE STATE OF TEXAS §
 §
COUNTY OF EL PASO §**

This instrument was acknowledged before me on this _____ day of _____, 2018,
by _____, as _____ of **Jordan Foster Construction, LLC**.

Notary Public, State of Texas

My commission expires:

Exhibit “1-A” – Construction Manager’s GMP Proposal



New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND Lomaland Recreation Center

Guaranteed Maximum Price



Owner: The City of El Paso
CM at Risk: Jordan Foster Construction



7700 C.F. Jordan Drive
El Paso, TX 79912
P: 915.877.3333
F: 915.877.3999

A Foundation of Excellence.

Monday, August 13, 2018

Mr. Scott Gilliland
The City of El Paso
300 N. Campbell
El Paso, TX 79901

Reference: New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND
Lomaland Recreation Center
Subject: Guaranteed Maximum Price (GMP)

Mr. Gilliland,

Attached you will find our Guaranteed Maximum Price (GMP) Amendment with exhibits that support the basis of this pricing. This GMP is for the above referenced project as represented in the drawings provided by Exigo and MarmonMok Architecture and as qualified in the attached package. This GMP submittal supersedes any previous cost estimate(s) that we may have submitted concerning this work. The attached GMP package is incorporated into Exhibit "A" GMP Amendment between Jordan Foster Construction and The City of El Paso (CoEP).

Upon review and acceptance of the GMP by CoEP, we will proceed with the next phase of the project (i.e., bidding and procurement of the various trade packages of work). The pricing in the GMP is valid until October 3, 2018. We look forward to an expedited commencement of the bidding and subsequent construction phase of this project.

Jordan Foster's proposed project team as follows:

Role	Name	Percentage of Time on Project
Project Executive	Ash Kamath	Home Office
Project Manager	Roman Marquez	100%
Project Superintendent - Chamizal	Grant Thomas	100%
Project Superintendent - Lomaland	Raymond Schumacher	100%
Project Superintendent - Alameda	Billy Dixon	100%
Asst. Project Superintendent	Michael Quinn	100%
Project Engineer / Quality Control	Ray Carrasco	100%
Project Engineer / Quality Control	Carlos Aguilar	100%
Safety Officer	Crystal Stewart	20%

Please feel free to contact me if you have any questions or comments regarding the information contained within this package.

Sincerely,


Ash Kamath
Executive Vice President
Jordan Foster Construction, LLC

cc: Roman Marquez, Jordan Foster Construction



New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND Lomaland Recreation Center

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New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND Lomaland Recreation Center

TAB 1

LIST OF DRAWINGS & SPECIFICATIONS

Chamizal



Lomaland



Alameda



Owner: The City of El Paso
CM at Risk: Jordan Foster Construction

**City of El Paso Recreation Centers
Alameda Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
N/A	Cover Page	6/4/2018		
G-100	General Project Information/Index	6/4/2018		
G-101	Abbreviations & Symbols	6/4/2018		
G-102	General Notes	6/4/2018		
GS- 100	Boundary & Topographic Survey	6/4/2018		
G-110	Life Safety Site Plan & Code Analysis	6/4/2018		
G-111	Life Safety Site Plan & Code Analysis	6/4/2018		
G-112	TAS Accessibility Requirements	6/4/2018		
G-113	TAS Accessibility Requirements	6/4/2018		
G-114	TAS Accessibility Requirements	6/4/2018		
G-115	TAS Accessibility Requirements	6/4/2018		
C0.0	Civil General Notes	6/4/2018	7/13/2018	
C1.0	Civil Demolition Plan Site	6/4/2018	7/13/2018	
C1.1	Civil Site Plan	6/4/2018	7/13/2018	
C2.0	Grading Plan	6/4/2018	7/13/2018	
C3.0	Drainage Plan	6/4/2018	7/13/2018	
C4.0	Details	6/4/2018	7/13/2018	
C4.1	Details	6/4/2018	7/13/2018	
C4.2	Sections	6/4/2018	7/13/2018	
C4.3	Storm Water Line Plan & Profile	6/4/2018	7/13/2018	
C4.4	Storm Water Line Plan & Profile	6/4/2018	7/13/2018	
C5.0	Erosion Plan Control	6/4/2018	7/13/2018	
LG-001	General Notes	6/4/2018		
LG-002	General Notes	6/4/2018		
LC-100	Overall Construction Plan	6/4/2018		
LC-101	Construction Plan	6/4/2018		
LC-102	Construction Plan	6/4/2018		
LC-103	Construction Plan	6/4/2018		
LP-100	Overall Landscape Plan	6/4/2018		
LP-101	Landscape Plan	6/4/2018		
LP-102	Landscape Plan	6/4/2018		
LP-103	Landscape Plan	6/4/2018		
LI-100	Overall Irrigation Plan	6/4/2018		

**City of El Paso Recreation Centers
Alameda Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
LI-101	Irrigation Plan	6/4/2018		
LI-102	Irrigation Plan	6/4/2018		
LI-103	Irrigation Plan	6/4/2018		
LC-501	Construction Details	6/4/2018		
LC-502	Construction Details	6/4/2018		
LC-503	Construction Details	6/4/2018		
LP-501	Landscape Details	6/4/2018		
LI-501	Irrigation Details	6/4/2018		
A-001	Demolition- Site Plan	6/4/2018	6/29/2018	
A-100	New Work- Site Plan	6/4/2018	6/29/2018	
A-101	Enlarged Plaza Plans	6/4/2018		
A-102	Enlarged Site Plan	6/4/2018		
A-110	Level 1 Overall Floor Plan	6/4/2018		
A-111	Floor Plan Area-A & B	6/4/2018	7/16/2018	
A-112	Floor Plan Area - C	6/4/2018		
A-113	Floor Plan Area - D	6/4/2018		
A-115	Overall Roof Plan	6/4/2018		
A-116	Enlarged Roof Plan	6/4/2018		
A-130	Overall Equipment Plan	6/4/2018		
A-131	Enlarged Equipment Plans & Schedule	6/4/2018		
A-132	FF&E	6/4/2018		
A-140	Finished Floor Plan	6/4/2018		
A-160	Overall Reflected Ceiling Plan	6/4/2018	7/13/2018	7/16/2018
A-161	RCP Area - A & B	6/4/2018		
A-162	RCP Area - C	6/4/2018		
A-200	Exterior Elevations	6/4/2018	6/29/2018	
A-201	Enlarged Elevations- Area A	6/4/2018	6/29/2018	
A-202	Enlarged Elevations- Area B	6/4/2018	6/29/2018	
A-203	Enlarged Elevations- Area C	6/4/2018	6/29/2018	
A-204	Enlarged Elevations- Area D	6/4/2018	6/29/2018	
A-205	Enlarged Elevations- Area D	6/4/2018	6/29/2018	
A-210	Interior Elevations	6/4/2018		
A-211	Interior Elevations	6/4/2018		

**City of El Paso Recreation Centers
Alameda Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
A-212	Interior Elevations	6/4/2018		
A-213	Interior Elevations	6/4/2018		
A-214	Interior Elevations	6/4/2018		
A-300	Building Sections	6/4/2018		
A-301	Building Sections	6/4/2018		
A-302	Building Sections	6/4/2018		
A-320	Wall Sections	6/4/2018		
A-321	Wall Sections	6/4/2018		
A-322	Wall Sections	6/4/2018		
A-323	Wall Sections	6/4/2018		
A-324	Wall Sections	6/4/2018		
A-325	Wall Sections	6/4/2018		
A-400	Enlarged R.R Plans And Elevations	6/4/2018		
A-401	Enlarged R.R Plans And Elevations	6/4/2018		
A-402	Enlarged R.R Plans And Elevations	6/4/2018		
A-404	Enlarged Kitchen Plan and Elev.	6/4/2018	6/29/2018	
A-410	Millwork Plan And Elevation	6/4/2018		
A-500	Exterior Details	6/4/2018	6/29/2018	
A-501	Exterior Details	6/4/2018		
A-502	Exterior Details- Metal Canopies	6/4/2018		
A-520	Plan Details	6/4/2018		
A-521	Plan Details	6/4/2018		
A-522	Site Details	6/4/2018		
A-523	Details	6/4/2018		
A-524	Partition Types	6/4/2018		
A-526	Ceiling Details	6/4/2018		
A-527	Sports Court Detail	6/4/2018		
A-530	Roof Details	6/4/2018		
A-540	Door Details	6/4/2018	6/29/2018	
A-541	Window Details	6/4/2018	6/29/2018	
A-560	Millwork Sections	6/4/2018		
A-561	Millwork Sections	6/4/2018		
A-600	Window Schedule	6/4/2018	6/29/2018	

**City of El Paso Recreation Centers
Alameda Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
A-601	Window Schedule	6/4/2018	6/29/2018	
A-602	Window Schedule	6/4/2018	6/29/2018	
A-604	Door Schedule	6/4/2018	6/29/2018	
A-605	Room Schedule	6/4/2018		
S-000	General Notes & General Details	-	6/29/2018	7/3/2018
S-100	Overall Foundation	6/4/2018	7/16/2018	
S-200	Overall Roof Framing	6/4/2018	7/16/2018	
S-201	Roof Level 1	6/4/2018	7/3/2018	7/16/2018
S-202	Roof Level 2	6/4/2018	7/16/2018	
S-203	Roof Level 3	6/4/2018	7/16/2018	
S-204	Roof Level 4	6/4/2018	7/16/2018	
S-300	Foundation Details	6/4/2018	7/16/2018	
S-301	Foundation Details	6/4/2018	7/16/2018	
S-302	Brace Frame Details	6/4/2018	7/16/2018	
S-303	Brace Frame Details	6/4/2018	7/16/2018	
S-400	Roof Framing Details	6/4/2018	7/16/2018	
S-401	Roof Framing Details	6/4/2018	7/16/2018	
S-402	Roof Framing Details	6/4/2018	7/16/2018	
S-403	Roof Framing Details	6/4/2018	7/16/2018	
M-100	Legend, Notes And Schedules	6/4/2018		
M-101	Details	6/4/2018		
M-102	Details	6/4/2018		
M-200	New Mechanical Plan	6/4/2018		
P-100	Site Plan	6/4/2018		
P-101	Legend, Notes And Schedules	6/4/2018		
P-102	Details	6/4/2018		
P200	Plumbing Plan	6/4/2018		
P300	Enlarged Plumbing Plans and Risers	6/4/2018		
P301	Enlarged Plumbing Plans and Risers	6/4/2018		
P400	Roof Plan	6/4/2018		
E1.0	Electrical Site Plan	6/4/2018	7/3/2018	
E2.0	Lighting Plan	6/4/2018		
E3.0	Power Plan	6/4/2018		

**City of El Paso Recreation Centers
Alameda Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
E3.1	Enlarged Power Plans	6/4/2018		
E4.0	HVAC Power Plan	6/4/2018		
E5.0	Special Systems Plan	6/4/2018	7/3/2018	
E5.1	Enlarged Special Systems Plans	6/4/2018	7/3/2018	
E6.0	Electrical Riser Diagram	6/4/2018		
E6.1	Panel Schedules	6/4/2018		
E7.0	Details	6/4/2018		
E7.1	Details	6/4/2018		

**City of El Paso Recreation Centers
Chamizal Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
N/A	Cover Page	6/4/2018		
G-100	General Project Information	6/4/2018		
G-101	Abbreviations and Symbols	6/4/2018		
G-102	General Project Information	6/4/2018		
G-110	Life Safety Site Plan and Code Analysis	6/4/2018		
G-111	Life & Safety Code	6/4/2018		
G-112	TAS Accessibility Requirements	6/4/2018		
G-113	TAS Accessibility Requirements	6/4/2018		
G-114	TAS Accessibility Requirements	6/4/2018		
G-115	TAS Accessibility Requirements	6/4/2018		
I-104	General Partitions Types	6/4/2018		
GS-100	Topographic Survey	6/4/2018		
C0.0	Civil General Notes	6/4/2018		
C1.0	Existing Conditions & Demolition Plan	6/4/2018	6/21/2018	
C1.1	Dimensional Control & Pavement Plan	6/4/2018		
C2.0	Grading Plan	6/4/2018		
C3.0	Drainage Plan	6/4/2018		
C4.0	Details	6/4/2018		
C4.1	Details	6/4/2018		
C4.2	Details	6/4/2018		
C4.3	Plans & Profiles	6/4/2018		
C4.4	Trench Drain Plan & Profile	6/4/2018		
C5.0	Erosion Control Plan	6/4/2018		
LG-001	General Notes	6/4/2018		
DL-101	Demolition Plan	6/4/2018		
LP-101	Landscape Plan	6/4/2018		
LI-101	Irrigation Plan	6/4/2018		
LC-501	Construction Details	6/4/2018		
LP-501	Landscape Details	6/4/2018		
LI-501	Irrigation Details	6/4/2018		
A-001	Site & Building Demolition Plan	6/4/2018		
A-002	Demolition - Ext. Elevations	6/4/2018		
A-100	New Work - Site Plan & Details	6/4/2018		
A-101	Enlarged Site Plan	6/4/2018		

**City of El Paso Recreation Centers
Chamizal Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
A-110	Level 1 Overall Floor Plan	6/4/2018		
A-111	Enlarged Floor Plans	6/4/2018		
A-112	Enlarged Floor Plans	6/4/2018		
A-113	Enlarged Floor Plans	6/4/2018		
A-114	Slab Plan	6/4/2018		
A-115	Roof Plan- Building	6/4/2018		
A-116	Roof Plan Parking & Details	6/4/2018		
A-118	Metal Canopy Details	6/4/2018		
A-120	Dimensional Plan	6/4/2018		
A-130	Special Equipment Plans	6/4/2018	6/29/2018	
A-131	Furniture Fixture & Equipment	6/4/2018		
A-140	Finish Floor Plan	6/4/2018	6/21/2018	
A-150	Court Striping	6/4/2018		
A-151	Court Striping	6/4/2018		
A-160	Reflected Ceiling Plan	6/4/2018	7/16/2018	
A-161	Parking RCP & Details	6/4/2018		
A-162	Ceiling Details	6/4/2018		
A-200	Ext. Elevations	6/4/2018		
A-201	Ext. Elevations & Pattering	6/4/2018		
A-202	Façade Patterning	6/4/2018		
A-210	Interior Elevations	6/4/2018		
A-211	Interior Elevations	6/4/2018		
A-212	Interior Elevations	6/4/2018		
A-213	Interior Elevations	6/4/2018		
A-214	Interior Elevations	6/4/2018		
A-215	Interior Elevations	6/4/2018		
A-300	Building Sections	6/4/2018		
A-301	Enlarged Building Sections	6/4/2018		
A-320	Wall Sections	6/4/2018		
A-321	Wall Sections	6/4/2018		
A322	Wall Sections	6/4/2018		
A-323	Wall Sections	6/4/2018		
A-324	Wall Sections	6/4/2018		

**City of El Paso Recreation Centers
Chamizal Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
A-520	Plan Details	6/4/2018		
A-521	Plan Details	6/4/2018		
A-560	Millwork Details	6/4/2018		
A-561	Millwork Details	6/4/2018		
A-562	Millwork Details	6/4/2018		
A-600	Door Schedule & Details	6/4/2018	6/29/2018	
A-601	Door & Window Details	6/4/2018		
A-602	Room Schedules	6/4/2018	6/29/2018	
A-610	Window Elevations	6/4/2018	6/29/2018	7/6/2018
A-611	Window Elevations	6/4/2018	6/29/2018	
A-700	Miscellaneous Details	6/4/2018		
S-001	General Structural Notes	6/4/2018		
S-100	Foundation Plan	6/4/2018		
S-200	Roof Framing Plan	6/4/2018		
S-300	Frame Elevations	6/4/2018		
S-400	Foundation Details	6/4/2018		
S-401	Foundation Details	6/4/2018		
S-500	Roof Framing Details	6/4/2018		
S-501	Roof Framing Details	6/4/2018		
S-502	Roof Framing Details	6/4/2018	6/21/2018	
M100	Legends, Notes, And Schedule	6/4/2018		
M101	Details	6/4/2018		
M102	Details	6/4/2018		
M200	New Mechanical Plan	6/4/2018		
P100	Site Plan	6/4/2018		
P101	Legends, Notes, And Details	6/4/2018		
P102	Details	6/4/2018		
P200	Plumbing Plan	6/4/2018		
P300	Enlarged Plumbing Plans & Risers	6/4/2018		
P301	Enlarged Plumbing Plans & Risers	6/4/2018		
P400	Roof Plan	6/4/2018		
E1.0	Electrical Site Plan	6/4/2018	7/3/2018	
E2.0	Lighting Plan	6/4/2018		

**City of El Paso Recreation Centers
Chamizal Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
E3.0	Power Plan	6/4/2018		
E3.1	Enlarged Power Plan	6/4/2018		
E4.0	HVAC Power Plan	6/4/2018		
E5.0	Special Systems Plans	6/4/2018	7/3/2018	
E5.1	Special Systems Enlarged	6/4/2018	7/3/2018	
E6.0	Electrical Riser	6/4/2018		
E6.1	Panel Schedules	6/4/2018		
E7.0	Details	6/4/2018		
E7.1	Details	6/4/2018		

**City of El Paso Recreation Centers
Lomaland Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
N/A	Cover Page	6/4/2018		
GS100	Boundary & Topographic Survey	6/4/2018		
G100	General Project Information	6/4/2018		
G101	Abbreviations And Symbols	6/4/2018		
G102	General Project Information	6/4/2018		
G110	Life Safety Site Plan & Code Analysis	6/4/2018		
G111	Life & Safety Code Sheet	6/4/2018		
G112	TAS Accessibility Requirements	6/4/2018		
G113	TAS Accessibility Requirements	6/4/2018		
G114	TAS Accessibility Requirements	6/4/2018		
G115	TAS Accessibility Requirements	6/4/2018		
C0.0	Civil General Notes	6/4/2018		
C1.0	Civil Site Demolition Plan	6/4/2018		
C1.1	Civil Site Plan	6/4/2018		
C2.0	Grading Plan	6/4/2018		
C2.1	Enlarged Grading Plan	6/4/2018		
C2.2	Enlarged Grading Plan	6/4/2018		
C3.0	Drainage Plan	6/4/2018		
C4.0	Details	6/4/2018		
C4.1	Details	6/4/2018		
C4.2	Details	6/4/2018		
C4.3	Sections	6/4/2018		
C4.4	Sections	6/4/2018		
C4.5	Storm Water Line Plan & Profile	6/4/2018		
C4.5	Storm Water Line Plan & Profile	6/4/2018		
C4.7	Details	6/4/2018		
C5.0	Erosion Control Plan	6/4/2018		
LG-001	General Notes	6/4/2018	7/6/2018	
LG-002	General Notes	6/4/2018	7/6/2018	
LD-100	Overall Demolition Plan	6/4/2018	7/6/2018	
LD-101	Demolition Plan	6/4/2018	7/6/2018	
LD-102	Demolition Plan	6/4/2018	7/6/2018	
LD-103	Demolition Plan	6/4/2018	7/6/2018	
LD-104	Demolition Plan	6/4/2018	7/6/2018	

**City of El Paso Recreation Centers
Lomaland Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
LD-105	Demolition Plan	6/4/2018	7/6/2018	
LD-106	Demolition Plan	6/4/2018	7/6/2018	
LP-100	Overall Landscape Plan	6/4/2018	7/6/2018	
LP-101	Landscape Plan	6/4/2018	7/6/2018	
LP-102	Landscape Plan	6/4/2018	7/6/2018	
LP-103	Landscape Plan	6/4/2018	7/6/2018	
LP-104	Landscape Plan	6/4/2018	7/6/2018	
LP-105	Landscape Plan	6/4/2018	7/6/2018	
LP-106	Landscape Plan	6/4/2018	7/6/2018	
LP-107	Plant Schedule	6/4/2018	7/6/2018	
LI-100	Overall Irrigation Plan	6/4/2018	7/6/2018	
LI-101	Irrigation Plan	6/4/2018	7/6/2018	
LI-102	Irrigation Plan	6/4/2018	7/6/2018	
LI-103	Irrigation Plan	6/4/2018	7/6/2018	
LI-104	Irrigation Plan	6/4/2018	7/6/2018	
LI-105	Irrigation Plan	6/4/2018	7/6/2018	
LI-106	Irrigation Plan	6/4/2018	7/6/2018	
LC-501	Construction Details	6/4/2018	7/6/2018	
LP-501	Landscape Details	6/4/2018	7/6/2018	
LI-501	Irrigation Details	6/4/2018	7/6/2018	
S000	General Notes Details	6/4/2018		
S100	Foundation Plan	6/4/2018		
S200	2nd Floor Framing Plan	6/4/2018		
S201	Hancock Canopy	-	6/25/2018	
S201	Hancock Canopy	-	6/25/2018	
S300	Roof Framing Plan	6/4/2018		
S400	Foundation Details	6/4/2018		
S401	Foundation Details	6/4/2018		
S402	Foundation Details	6/4/2018		
S403	Foundation Details	6/4/2018		
S404	Wall Elevation	6/4/2018		
S500	2nd Floor Framing Details	6/4/2018		
S501	2nd Floor Framing Details	6/4/2018		

**City of El Paso Recreation Centers
Lomaland Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
S502	2nd Floor Framing Details	6/4/2018		
S600	Roof Framing Details	6/4/2018		
S601	Roof Framing Details	6/4/2018		
S602	Roof Framing Details	6/4/2018		
S603	Roof Framing Details	6/4/2018		
S604	Roof Framing Details	6/4/2018		
S605	Roof Framing Details	6/4/2018		
A100	Site Plan	6/4/2018	6/29/2018	
A101	Site Enlarged Plans	6/4/2018	6/29/2018	
A102	Site Details	6/4/2018	6/29/2018	
A103	Pedestrian Bridge Plan & Sections	6/4/2018	6/29/2018	
A105	Slab Plan	6/4/2018	6/29/2018	
A106	Enlarged Slab Plans	6/4/2018		
A111	Level 1- Overall Floor Plan	6/4/2018		
A111A	Level 1- Overall Floor Plan A	6/4/2018		
A111B	Level 1- Floor Plan Area B	6/4/2018		
A112	Level 2- Overall Floor Plan	6/4/2018		
A112A	Level 2- Floor Plan Area A	6/4/2018		
A112B	Level 2- Floor Plan Area B	6/4/2018		
A114	Roof Plan	6/4/2018	6/29/2018	
A130	Furniture & Equipment Plans	6/4/2018	6/29/2018	7/10/2018
A140	First Floor Finish Plan	6/4/2018	6/29/2018	
A141	Second Floor Finish Plan	6/4/2018	6/29/2018	
A143	Court Striping Plan & Details	6/4/2018		
A144	Outdoor Screen Plan & Elevation	6/4/2018		
A160A	Level 1- Reflected Ceiling Plan Area A	6/4/2018	6/29/2018	
A160B	Level 1- Reflected Ceiling Plan Area B	6/4/2018	6/29/2018	
A161A	Level 2- Reflected Ceiling Plan Area A	6/4/2018	6/29/2018	
A161B	Level 2- Reflected Ceiling Plan Area B	6/4/2018	6/29/2018	
A200	Exterior Elevations	6/4/2018		
A202	Enlarged Elevations	6/4/2018		
A210	Interior Elevations	6/4/2018		
A211	Interior Elevations	6/4/2018		

**City of El Paso Recreation Centers
Lomaland Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
A212	Interior Elevations	6/4/2018		
A213	Interior Elevations	6/4/2018		
A214	Interior Elevations	-		
A300	Building Sections	6/4/2018		
A301	Building Sections	6/4/2018		
A320	Wall Sections	6/4/2018		
A321	Wall Sections	6/4/2018		
A322	Wall Sections	6/4/2018		
A323	Wall Sections	6/4/2018		
A400	Enlarged Floor Plans	6/4/2018		
A401	Enlarged Floor Plans	6/4/2018		
A402	Stair Plans & Sections- Interior	6/4/2018		
A403	Stair Plans & Sections- Exterior	6/4/2018		
A410	Millwork Elevations	6/4/2018		
A500	Exterior Details	6/4/2018		
A501	Exterior Details	6/4/2018		
A502	Exterior Details	6/4/2018		
A510	Plan Details	6/4/2018		
A511	Plan Details	6/4/2018		
A520	Partition Types	6/4/2018		
A525	Ceiling Details	6/4/2018	6/29/2018	
A526	Ceiling Details	6/4/2018		
A527	Ceiling Details	6/4/2018		
A530	Roof Details	6/4/2018		
A540	Door Details	6/4/2018		
A541	Window Details	6/4/2018		
A542	Door & Window Details	6/4/2018		
A550	Railing & Guardrail Details	6/4/2018		
A551	Railing Details	6/4/2018		
A560	Millwork Sections	6/4/2018		
A561	Millwork Section	6/4/2018		
A600	Door Schedule	6/4/2018		
A601	Room Finish Schedule	6/4/2018	6/29/2018	

**City of El Paso Recreation Centers
Lomaland Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
A610	Window Schedule	6/4/2018		
A611	Window Schedule	6/4/2018		
A612	Window Schedule	6/4/2018		
A620	Metal Louvers	6/4/2018		
M100	Mechanical Schedules	6/4/2018	7/2/2018	
M101	Mechanical Schedules	6/4/2018	7/2/2018	
M102	Mechanical Details	6/4/2018	7/2/2018	
M103	Mechanical Details	6/4/2018	7/2/2018	
M104	VRF Schematics CU-1	6/4/2018	7/2/2018	
M105	VRF Schematics CU-2	6/4/2018	7/2/2018	
M200	Mechanical Plan Level 1	6/4/2018	7/2/2018	
M201	Mechanical Plan Level 2	6/4/2018	7/2/2018	
M202	Enlarged Mechanical Plan Level 1	6/4/2018	7/2/2018	
M203	Enlarged Mechanical Plan Level 1	6/4/2018	7/2/2018	
P100	Site Plan	6/4/2018	7/2/2018	
P101	Plumbing Schedules And Details	6/4/2018	7/2/2018	
P102	Plumbing Details	6/4/2018	7/2/2018	
P200	Plumbing Plan Level 1	6/4/2018	7/2/2018	
P201	Plumbing Plan Level 2	6/4/2018	7/2/2018	
P300	Enlarged Plumbing Plans & Risers	6/4/2018	7/2/2018	
P301	Enlarged Plumbing Plans & Risers	6/4/2018	7/2/2018	
P400	Roof Plan	6/4/2018	7/2/2018	
E1.0	Electrical Site Plan	6/4/2018		
E2.0	1st Floor Lighting Plan	6/4/2018		
E2.1	2nd Floor Lighting Plan	6/4/2018		
E2.2	Enlarged Lighting Plans	6/4/2018		
E3.0	1st Floor Power Plan	6/4/2018		
E3.1	2nd Floor Power Plan	6/4/2018		
E4.0	HVAC Power Plan	6/4/2018		
E5.0	1st Floor Special Systems Plan	6/4/2018		
E5.1	2nd Floor Special Systems Plan	6/4/2018		
E6.0	Electrical Notes And Riser Diagram	6/4/2018		
E6.1	Panel Schedules	6/4/2018		

**City of El Paso Recreation Centers
Lomaland Drawing List**

Sheet #	Sheet Title	95% CD's	Revision 1	Revision 2
E7.0	Details	6/4/2018		
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**EI PASO RECREATIONAL FACILITIES CITY OF EL PASO
SPECIFICATION LIST**

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City of El Paso Construction Contract "General Conditions"

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DIVISION 01 – GENERAL REQUIREMENTS			
01 0070 PROVISIONS FOR ACCESSIBILITY (MM)	6/4/2018		
01 0190 CONTRACT CONSIDERATIONS	6/4/2018		
01 0200 TPDES REQUIREMENTS	6/4/2018		
01 0210 CONTRACTOR TPDES CERTIFICATION	6/4/2018		
01 0220 TPDES POLLUTION PREVENTION PLAN CERTIFICATION	6/4/2018		
01 2300 ALTERNATES (Pending)	6/4/2018		
01 0280 MODIFICATION REQUIREMENTS	6/4/2018		
01 0390 COORDINATION AND MEETINGS	6/4/2018		
01 0450 CUTTING AND PATCHING	6/4/2018		
01 0500 FIELD ENGINEERING	6/4/2018		
01 0900 REFERENCE STANDARDS	6/4/2018		
01 1000 SUMMARY	6/4/2018		
01 1200 ALTERATION PROJECT PROCEDURES	6/4/2018		
01 3000 SUBMITTALS	6/4/2018		
01 4000 QUALITY CONTROL	6/4/2018		
01 5100 TEMP UTILITIES	6/4/2018		
01 5550 CONSTRUCTION FACILITIES	6/4/2018		
01 5600 TEMPORARY CONTROLS	6/4/2018		
01 5700 TRAFFIC REGULATION	6/4/2018		
01 6000 MATERIAL AND EQUIPMENT	6/4/2018		
01 6116 VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS	6/4/2018		
01 7000 CONTRACT CLOSEOUT	6/4/2018		
01 7200 PROJECT RECORD DOCUMENTS	6/4/2018		
DIVISION 02 – EXISTING CONDITIONS			
02 4113 SITE DEMOLITION (CE)		6/29/2018	
DIVISION 03 – CONCRETE			
03 1418 PREMANUFACTURED BRIDGE		7/3/2018	
03 2100 REINFORCING STEEL	6/4/2018		
03 3000 CAST-IN-PLACE CONCRETE	6/4/2018		
03 3511 CONCRETE FLOOR FINISHES (MM)	6/4/2018		
03 3543 DIAMOND POLISHING CONCRETE FLOORS (MM)	6/4/2018		
DIVISION 04 – MASONRY			
04 0511 MORTAR AND MASONRY GROUT (MM)	6/4/2018		
04 2000 UNIT MASONRY (MM)	6/4/2018		
04 4301 STONE MASONRY VENEER (MM)	6/4/2018		
DIVISION 05 – METALS			
05 1210 STRUCTURAL STEEL	6/4/2018		
05 2100 STEEL JOISTS AND JOIST GIRDERS	6/4/2018		
05 3100 STEEL DECK	6/4/2018		
05 4000 COLD-FORMED METAL FRAMING	6/4/2018		
05 5000 METAL FABRICATIONS (MM)	6/4/2018		
05 5100 METAL STAIRS (MM)	6/4/2018		
05 5200 HANDRAILS AND GUARDRAILS	6/4/2018		
05 5516.01 STAIR NOSINGS (MM)	6/4/2018	6/29/2018	
05 7300 DECORATIVE METAL RAILINGS (MM)	6/4/2018		

**EI PASO RECREATIONAL FACILITIES CITY OF EL PASO
SPECIFICATION LIST**

		95% CD's - Received	Received- Revision 1	Received- Revision 2
DIVISION 06 – WOOD, PLASTIC, & COMPOSITES				
06 1140	WOOD BLOCKING AND CURBING	6/4/2018		
06 4100	INTERIOR ARCHITECTURAL MILLWORK	6/4/2018		
06 6100	GLASS FIBER REINFORCED PLASTIC PANELS	6/4/2018		
DIVISION 07 – THERMAL AND MOISTURE PROTECTION				
07 1416	WATERPROOFING MEMBRANE		6/29/2018	
07 1900	WATER REPELLENTS (MM)	6/4/2018		
07 2130	THERMAL INSULATION	6/4/2018		
07 2140	FOAMED-IN-PLACE INSULATION	6/4/2018		
07 2400	EXTERIOR INSULATION AND FINISH SYSTEM (MM)	6/4/2018		
07 2616	UNDER SLAB VAPOR RETARDERS & BARRIERS (MM)	6/4/2018		
07 4133	ACRYLIC ROOF PANELS (MM)	6/4/2018		
07 4213	METAL WALL PANELS – WEATHERING STEEL (MM)	6/4/2018		
07 4456	MINERAL-FIBER-REINFORCED CEMENTITIOUS PANELS	6/4/2018		
07 5300	SINGLE-PLY ROOFING (TPO)	6/4/2018		
07 6200	SHEET METAL FLASHING AND TRIM	6/4/2018		
07 6510	THRU-WALL FLEXIBLE FLASHING AND DRAINAGE SYSTEM		6/29/2018	
07 7123	MANUFACTURED GUTTERS AND DOWNSPOUTS (MM)	6/4/2018		
77 7240	ROOF HATCHES		6/29/2018	
07 8410	FIRESTOPPING	6/4/2018		
07 9200	JOINT SEALANTS (MM)	6/4/2018		
DIVISION 08 – OPENINGS				
08 1000	BUILDER'S HARDWARE (Alameda, Chamizal, Lomaland)		6/29/2018	
08 1110	STANDARD STEEL DOORS	6/4/2018		
08 1120	STANDARD STEEL FRAMES	6/4/2018		
08 2290	SLIDING AUTOMATIC ENTRANCES		6/29/2018	
08 3100	ACCESS DOORS AND PANELS		6/29/2018	
08 3310	OVER HEAD COILING DOORS AND GRILLES		6/29/2018	
08 3313	COILING COUNTER DOORS (MM)		6/29/2018	
08 4100	ALUMINUM STOREFRONTS	6/4/2018		
08 4523	TRANSLUCENT WALL ASSEMBLIES (MM)	6/4/2018		
08 8000	GLAZING (MM)	6/4/2018		
08 8300	MIRRORS (MM)	6/4/2018		
08 8700	DECORATIVE WINDOW GLAZING FILMS		6/29/2018	
DIVISION 09 – FINISHES				
09 2200	PORTLAND CEMENT PLASTER	6/4/2018		
09 2600	GYPSUM BOARD SYSTEMS	6/4/2018		
09 3000	CERAMIC TILING		7/19/2018	
09 5100	ACOUSTICAL CEILINGS (MM)	6/4/2018		
09 5427	UARDS-WOODWORKS GRILLE CEILING (MM)		6/19/2018	7/3/2018
09 5434	ATMOSPHERA CEILING WITH SOFT SOUND FINS		7/3/2018	7/6/2018
09 5460	METAL LINEAR SOFFIT PANELS	6/4/2018	7/13/2018	
	ARMSTRONG METAL WORKS		7/13/2018	
09 6430	WOOD ATHLETIC FLOORING (MM)	6/4/2018		
09 6500	RESILIENT FLOORING		6/20/2018	
09 6566	RESILIENT ATHLETIC FLOORING (MM)	6/4/2018		
09 6850	CARPET TILE		6/29/2018	
09 9000	PAINTING		6/20/2018	
09 9113	EXTERIOR PAINTING (MM)	6/4/2018		
09 9723	CONCRETE AND MASONRY COATINGS (MM)	6/4/2018		

**EI PASO RECREATIONAL FACILITIES CITY OF EL PASO
SPECIFICATION LIST**

		95% CD's - Received	Received- Revision 1	Received- Revision 2
DIVISION 10 – SPECIALTIES				
10 1600	TOILET COMPARTMENTS		6/29/2018	
10 2200	FOLDING PARTITION		6/29/2018	
	kwik wall_3020		6/20/2018	
10 2600	SS CORNER GUARDS		6/20/2018	6/29/2018
10 4410	INTERIOR SIGNS		6/20/2018	6/29/2018
10 4420	METAL DIMENSIONAL LETTERS AND CAST PLAQUE		6/29/2018	
10 5116	"Z" LOCKERS (PDF) 18" X 12" X 60"	6/4/2018		
10 5230	FIRE PROTECTION SPECIALTIES		6/29/2018	
10 7113	METAL SUNSHADE/ ARCHITECTURAL LOUVERED SCREEN WALL (MM)	6/4/2018		
10 8000	BATHROOM ACCESSORIES		6/20/2018	6/29/2018
DIVISION 11 – EQUIPMENT				
11 3300	RETRACTABLE STAIRS (MM)	6/4/2018		
11 4000	FOOD SERVICE EQUIPMENT	6/4/2018	6/29/2018	
	FOOD SERVICE EQUIPMENT CUT SHEETS			
11 6623	GYMNASIUM EQUIPMENT (MM)	6/4/2018		
DIVISION 12 – FURNISHINGS				
12 2413.01	ROLLER SHADES – MECHOSHADE (MM)	6/4/2018		
12 3660	SOLID SURFACE COUNTERTOPS		6/29/2018	
12 484	FOOT GRILLE ENTRANCE SYSTEM		6/29/2018	
12 6613	TELESCOPING BLEACHERS (MM)	6/4/2018		
DIVISION 13 – SPECIAL CONSTRUCTION – NOT USED				
DIVISION 14 – CONVEYING EQUIPMENT				
14 2424	MACHINE ROOM-LESS HYDRAULIC ELEVATORS (MM)	6/4/2018		
DIVISION 15 Through 20 – NOT USED				
DIVISION 21 – FIRE SUPPRESSION – MEP				
21 0000	SPRINKLER SYSTEM	6/4/2018	7/5/2018	
DIVISION 22 – PLUMBING – MEP				
22 0000	PLUMBING	6/4/2018		
22 0500	MECHANICAL GENERAL CONDITIONS	6/4/2018		
22 0700	INSULATION FOR MECHANICAL SYSTEMS	6/4/2018		
DIVISION 23 – HEATING, VENTILATING, & AIR CONDITIONING – MEP				
23 0000	HEATING, VENTILATING AND AIR CONDITIONING	6/4/2018		
23 0593	TEST AND BALANCE	6/4/2018		
23 0900	DIRECT DIGITAL CONTROL SYSTEMS		6/29/2018	
23 2300	REFRIGERANT PIPING		6/29/2018	
23 3000	FABRIC DUCT		6/29/2018	
23 3400	INDUSTRIAL COMMERCIAL CEILING FAN		7/6/2018	
23 8127	VARIABLE REFRIGERANT FLOW SYSTEMS	6/4/2018	7/5/2018	
DIVISION 24 and 25 – NOT USED				
DIVISION 26 – ELECTRICAL – MEP				
26 0500	COMMON WORK RESULTS FOR ELECTRICAL	6/4/2018		
26 0503	EQUIPMENT WIRING CONNECTIONS	6/4/2018		
26 0519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES	6/4/2018		
26 0533	RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS	6/4/2018		

**EL PASO RECREATIONAL FACILITIES CITY OF EL PASO
SPECIFICATION LIST**

		95% CD's - Received	Received- Revision 1	Received- Revision 2
26 0534	OUTLET, JUNCTION AND PULL BOXES	6/4/2018		
26 0923	LIGHTING CONTROL DEVICES – OCCUPANCY SENSORS	6/4/2018		
26 2213	LOW-VOLTAGE DISTRIBUTION TRANSFORMERS TP-1	6/4/2018		
26 2313	DISCONNECT SWITCHES	6/4/2018		
26 2416	PANELBOARDS	6/4/2018		
26 2726	WIRING DEVICES	6/4/2018		
26 5100	INTERIOR LIGHTING (MM)	6/4/2018		
26 5600	EXTERIOR LIGHTING	6/4/2018		

DIVISION 27 – COMMUNICATIONS – NOT USED

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

28 3100	FIRE DETECTION AND ALARM		6/29/2018	
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DIVISION 29 and 30 – NOT USED

DIVISION 31 – EARTHWORK

31 0516	AGGREGATES FOR EARTHWORK	6/4/2018		
31 1100	CLEARING AND GRUBBING (CE)	6/4/2018		
31 2213	ROUGH GRADING	6/4/2018		
31 2300	EXCAVATION AND BACKFILL (CE)	6/4/2018		
31 2323	SUBGRADE FILL	6/4/2018		
31 2324	GEOFOAM LIGHTWEIGHT FILL		7/6/2018	

DIVISION 32 – EXTERIOR IMPROVEMENTS

32 1123	AGGREGATES FOR BASEWORK	6/4/2018		
32 1216	ASPHALTIC CONCRETE PAVEMENT	6/4/2018		
32 1313	PORTLAND CEMENT CONCRETE PAVING	6/4/2018		
32 1413.13	UNIT PAVING		7/3/2018	
32 1700	PAVING SPECIALTIES - Pending			
32 8400	LANDSCAPE IRRIGATION SYSTEM		6/29/2018	
32 9300	PLANTING		6/29/2018	

DIVISION 33 – UTILITIES

33 4000	STORM DRAINAGE	6/4/2018		
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DIVISION 34 Through 49 – NOT USED

ATTACHMENTS

Alameda Recreation Center - Geotech Report	6/11/2018	6/22/2018
Chamizal Recreation Center - Geotech Report	6/11/2018	
Lomaland Recreation Center - Geotech Report	6/11/2018	



New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND Lomaland Recreation Center

TAB 2

SCOPE OF WORK



Owner: The City of El Paso
CM at Risk: Jordan Foster Construction



El Paso Community Centers

Jordan Foster Construction - Scope of Work Outline

Guaranteed Maximum Price

Project: Alameda, Chamizal, Lomaland Community Recreation Centers

Package: Overall Project Construction

Owner: City of El Paso Scott Gilliland 218 N. Campbell St. El Paso, TX 79901	Program Manager: Abacus P.M. Inc Samuel Surtees, PM 221 N. Kansas St. Ste 726 El Paso, TX 79901	Construction Manager @ Risk: Jordan Foster Construction, LLC. 7700 CF Jordan drive El Paso, TX 79912	Architect: Exigo Architects 211 N. Florence, Ste 204B El Paso, TX 79901
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I. Outline of Work:

Jordan Foster Construction, LLC, the Construction Manager at Risk hereinafter referenced as Contractor specifically defines the Scope of Work for the Overall GMP Package for the City of El Paso hereinafter referred to as the Owner.

The GMP Package related to the City of El Paso – El Paso Community Centers, Alameda, Chamizal, and Lomaland Recreation Centers is hereby defined as the following:

1. **Technical Documents:** This package includes scope of work for the specified systems in compliance with the performance requirements specified in the referenced drawings and technical specifications:
95% Construction Drawings – Issued – Between June 04, 2018 and July 19, 2018 by Exigo Architects
95% Construction Specifications – Issued – Between June 04, 2018 and July 19, 2018 by Exigo Architects

2. Scope of Work:

Bid Pkg -01.1	Site Controls Package Temporary Fencing Surveying - Control points, verification Traffic Control Barricades for misc. work Security Guards Temporary Facility Hookups SWPPP BMP Installation & Maintenance
Bid Pkg -01.2	Final Clean-up Final Building Clean-up Site Clean-up Vegetation & Debris Removal Pavement Sweeping
Bid Pkg -02.1	Earthwork & Utilities Demolition & Disposal of Debris Protection of Clean-outs Clear & Grubbing Earthwork & Grading & Excavation, Building Pads



El Paso Community Centers
Jordan Foster Construction - Scope of Work Outline
Guaranteed Maximum Price

Subgrade Preparation
Dust Control
Storm Sewer - piping, inlets, manholes, etc.
Sanitary Sewer - to 5'-0" outside building
Domestic Water - to 5'-0" outside building
Blue-Top building pads
Traffic Control
Backflow Preventers
Testing as required

Bid Pkg -02.2

Sitework & Paving
Layout & Surveying
Fine Grading
Dust Control
Traffic Control, Layout & Temp Water/Power
Asphalt Paving & Base
Concrete Paving and reinforcing steel
Sidewalks, Curbs, Ramps, Flumes, Striping, Pads, Pits, Curb & Gutter
Site Specialties - Bike racks, Picnic Tables, Waste Containers, Guardrails, Handrails - Installation
Traffic Signage - Installation
Striping & Pavement Markings
Light Pole Bases & pedestals for light fixtures (including setting of anchor bolts provided by others)
Chain Link Fence & Gates, including footings, gates (where shown)
Rock walls & Rock walls with Ornamental Fence and concrete caps
Gabion Benches with concrete caps (where shown)
Cast in place concrete benches

Wrought Iron Fence and gates
Equipment Pads
Concrete Pavement
Bollards – Installation (where shown)
Wheel Stops
Caulking for this scope of work
Installation of all embedded material in concrete or civil features (traffic poles, bollards, flagpoles, gates, etc.)
Concrete Pedestals, landings, stoops.
Concrete pads for all utility boxes - electrical, mechanical, plumbing, clean-outs, etc.
Saw cutting of Paving for tie-in locations
Sweeping of pavement areas
Concrete Wash Pit
Interlocking Concrete Unit Paving on Aggregate Base
Backfill of ramps, retaining walls, and Garden Walls



El Paso Community Centers
Jordan Foster Construction - Scope of Work Outline
Guaranteed Maximum Price

Bid Pkg -03.1	Structural & Building Concrete Building Layout / Surveying Traffic Control, Layout & Temp Water/Power Dust Control All Concrete inside Building Envelope including Landings, Stairs, Elevator Pit Foundation - continuous & spread footings Foundations and slabs for all canopies attached to building, Freestanding Canopies Foundations and slabs for the Premanufactured Bridge Concrete Slab Over Deck for Lomaland Rooftop Deck 202C Housekeeping pads All reinforcing steel for this scope Placement of all embeds, sleeves and block-outs Backfill at Ramps Haul off of all excess spoils from excavation and casting beds Under Slab Vapor Retarders & Barriers Recessed slabs for Gymnasium and restroom areas where shown Forming for Elevator Pits Foundations and concrete for all free-standing canopies Removal and haul off of concrete & debris from this work Waterstop at retaining walls Placement of Embedded items & coordination of all sleeves and block-outs Furnish & Installation of Dowels for CMU walls Anchor Bolt installation for all Structural Steel Components Concrete Wash Pit Coordination of Plumbing, Mechanical, & Electrical in concrete
Bid Pkg -03.2	Premanufactured Bridge Structural & Building Concrete- Lomaland Only All Structural and Concrete associated with Premanufactured Bridge. Provide all accessories associated with this scope, expansion joints, covers, etc.
Bid Pkg -04.1	Masonry All reinforcing steel for this scope Placement of all embeds, sleeves, block-outs, door frames All mortar & grout for this scope Masonry, Stone Veneer Block where shown to include at canopy columns. Installation of all dowels for CMU walls (Coordination with Conc. Contractor)
Bid Pkg -05.1	Steel Fabrication (Supply Only) All Structural Steel Beams, Columns, Girders, clips, seats, ledger angles, cross bracing



El Paso Community Centers
Jordan Foster Construction - Scope of Work Outline
Guaranteed Maximum Price

All joists, trusses, roof framing, steel decking
Loose steel lintels, Loose bearing and leveling plates.
Shelf and relieving angles at CMU & Concrete Walls
Steel framing and supports for overhead doors.
Steel framing and supports for aluminum storefront panels.
Framing and supports for mechanical and electrical equipment.
Steel framing and supports for low walls.
Steel framing and supports for all wall and ceiling hung gymnasium equipment
Steel framing and supports for windows, storefront, and curtain walls and skylights and security bars
Loading dock edge angles
Embeds for loading dock bumpers
Metal floor plate & supports
Metal hand rails & guard rails
Aluminum Ladders
Roof access hatches (including Safety Post & Guard Rails)
Roof access ladders
Metal Sunshade/ Louvered Screen Walls (where shown)
Aluminum Foot Grille Entrance Systems (where shown)
Provide anchor bolts & connection bolts
Embed angles & grates for catch basins and trench drains
Expansion Joint Covers
Dimensional Building Letters & Monument Sign Letters
Building Plaque

Bid Pkg -05.2

Erection - Steel

Installation of Miscellaneous Steel inside the Building Envelope
Structural Steel Erection including support angles, temporary bolt installation, deck angles
Installation of joists, girders, bridging, bracing, roof deck, ledger angles
Installation of Roof Ladders, & accessories
Installation of skylight frames & security grills
Installation of hand rails & guard rails inside the Building Envelope
Installation of support brackets on structural steel for Mechanical & Electrical Equipment
Erection of Artistic Metal Canopies
Touch-Up Painting of Welds
Installation of structural columns, beams and bracing as shown on drawings
Installation of Metal Sunshade/ Louvered Screen Walls (where shown)

Bid Pkg -06.1

Architectural Millwork

Wood Trim
Veneer sheets / paneling



El Paso Community Centers

Jordan Foster Construction - Scope of Work Outline

Guaranteed Maximum Price

All Glass Fiber Reinforced Plastic Panels
Staining of wood trim and veneer
Interior architectural millwork
Steel brackets for countertops & millwork
Millwork hardware, grommets, shelf clips, and cabinet locks
Substrate preparation for Wood Veneer Paneling
Meet ADA height requirements
Countertops

Bid Pkg -06.2

Rough Carpentry

Rough Carpentry for architectural millwork
Blocking for wall hung TV's with fire ¼" treated plywood
Installation of blocking for toilet partitions & accessories
Blocking for lockers
Blocking at Aluminum Storefronts & Aluminum Windows
In wall blocking for Projectors
Fire resistant ¼" 4x8 sheets A-C Grade plywood at MDF rooms
Blocking for all specialty items

Bid Pkg -07.1

Caulking, Sealants, & Waterproofing

Caulking of expansion joints in Building Envelope (tilt panel joints, control joints, expansion joints)
Installation of sealant in Building Envelope (No Acoustic, No Floor Sealant)
Installation of Waterproofing
Caulking & Sealant for Building Envelope
Caulking & Sealant of CMU walls
Elastomeric Coatings/Sheeting

Bid Pkg -07.2

Roofing Systems

Roof Blocking
Roof Hatches, Skylights furnished and installed
Roof Systems – Single Ply Roofing (TPO)
Roof insulation, foamed in place, fasteners, adhesives, sealants etc.
Roof accessories, coping, trim, fascia, downspouts, gutters, sealants, etc.
Expansion Joints
Roof flashings
Coordination of Roof Mounted Ladders
Installation of roof cubs and roof hatches
Installation of under deck closures
Lightweight Geo Fill (Lomaland Only)



El Paso Community Centers
Jordan Foster Construction - Scope of Work Outline
Guaranteed Maximum Price

Bid Pkg -07.3	Acrylic Roof Panels – Chamizal Only Acrylite Roofing System at canopy, over window(s), parking areas All hardware, supports, trim, accessories for this scope
Bid Pkg -08.1	Doors, Frames, & Hardware Hollow Metal Doors & Frames Wood Doors Door Hardware for HM & Wood Doors Door Accessories Construction Locks & Doors Access Doors and Panels Provisions for Access Controls - Doors & Frames Cylinders & Cores for OH Coiling Doors & Aluminum Storefront Magnetic Door locks, holders & switches Temporary Doors & Hardware
Bid Pkg -08.2	Aluminum Frames & Glazing Aluminum Doors & Frames Aluminum Storefront Entrances Door Hardware & Accessories for Aluminum Doors Glass & Glazing Sliding Automatic Entrances Joint Sealant Aluminum Flashing at Windows and Frames
Bid Pkg- 08.3	OH Doors Overhead Coiling Counter Doors Overhead Coiling Doors Protection of counters for OH Coiling Counter Doors Motors and controls for all doors as indicated including low voltage controls
Bid Pkg- 09.1	Finishes – Package I (EIFS Systems, Metal Panels, Ceilings, Painting) Metal stud framing & Gyp board assembly Suspended Acoustical Ceiling, Atmosphaera Ceiling Systems, Wood Works Ceiling Systems, Specialty Ceilings Painting & Coatings Elastomeric Coatings EIFS & Exterior Sheathing/Framing (all vertical sheathing and soffits) Metal Wall Panels – Weathering Steel



El Paso Community Centers
Jordan Foster Construction - Scope of Work Outline
Guaranteed Maximum Price

Cementitious Fiber Reinforced Panels
Firestopping
In-Wall Blocking
Expansion Control & Expansion Joint Covers (Joint Covers provided by Others)
Suspended Ceiling Expansion Joints & Covers
Projection Screen (Coordination in Ceiling)
Installation of HM Frames
Batt Insulation

Bid Pkg- 09.2 **Finishes - Package II (Resilient, Ceramic, Tiling, Sealers)**
Ceramic, Quarry Tiling
Resilient Flooring (Luxury Vinyl Tile)
Rubber Flooring
Carpet Tile
Gymnasium Athletic Flooring
Wall Base
Transition Strips
Expansion Joint Covers
Floor Leveling / Patching (As Required)
Grout Bed (As indicated)
Shower Bed Flashings (As Required)
Concrete Floor Sealer (Armour SX5000)
Caulked joints in all floors related to this package

Bid Pkg- 09.3 **Finishes - Package III Wood Athletic Flooring**
Wood athletic flooring as required – turn key

Bid Pkg- 10.1 **Specialties - Package (Specialties, Gym Equipment & Misc. Equipment)**
Dimensional Letters / Numbers
Building Plaque
Aluminum Foot Grille Entrance Systems (Lomaland Only)
Interior Signage
Toilet Compartments
Operable Partitions
Shower Accessories
Wall & Door Protection (corner guards) (If Shown)
Toilet Accessories
Fire Extinguishers & Fire Extinguisher Cabinets
Lockers (Z Lockers)
Locker Benches

El Paso Community Centers
Jordan Foster Construction - Scope of Work Outline
Guaranteed Maximum Price

Display Cases
Directional Signs
Fire Signs
Food Service Equipment
Retractable Stairs
Gymnasium Basketball, Volleyball, Pickle ball Systems,
Bleachers, Scoreboards, Wall Pads

Bid Pkg- 14.1 **Conveying Equipment – Lomaland Only**
Hydraulic Elevator

Bid Pkg- 21.1 **Fire Sprinkler System**
Fire Sprinkler System
Firestopping
Pipe Hangers & Sleeves
Fire Hydrants
FDC's
Access Panels for testing stations
Excavation and Trenching
Sleeves & Fire Penetrations for F/P System
Pressure Tests (Fire Hydrants & Building Systems)
Expansion fittings and Loops
Backflow Preventers
Flow Switches, Risers, Valves and integration with Fire Alarm

Bid Pkg- 22.1 **Mechanical, Plumbing & HVAC**
Underground Plumbing Rough-in including trenching, excavation & backfill
Plumbing Risers, piping, supports, vents, etc
All plumbing within 5'-0" of building envelope and within
Access Panels & Layout
Domestic Water Pumps & Sump Pumps
Water Heaters, fittings and tanks
Plumbing accessories: Water Hammer Arrestors, shut-off valves, isolation valves,
Floor Sinks, Trench Drains, Service Sinks, p-traps, trap primer valves, trap seals.
Roof Curbs & Flashings for Plumbing, Mechanical & HVAC Equipment including hoisting to roof
Blocking for Roof Curbs (Leveling of Curbs on Roof)
All Plumbing Fixtures & Trim (lavatories, water closets, urinals, showers, sinks, hose bibs, drinking fountains, etc)
Temporary Water Hookup & usage
Roof Drains & Overflows
Hangers & supports as required for Plumbing, Mechanical & HVAC Equipment
Oil-separators, sump pumps



El Paso Community Centers
Jordan Foster Construction - Scope of Work Outline
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Equipment Testing
Video Testing of Sewer Lines (As Required) & Smoke testing of vent risers.
All layout for this scope of work
All insulation for this scope of work
All piping for fixtures, drains, traps, valves, trim, spare parts, etc
All Plumbing & Mechanical Identifications Tags & Labels for Equipment, piping, valves, and panels (As Required)
HVAC Louvers
All volume dampers, fire dampers, grilles, registers, diffusers, louvers and other air devices
All ductwork, duct couplers, hangers, insulation, sensors, temperature, pressure and volume sensors
All controls for Plumbing, Mechanical & HVAC Equipment (As Necessary)
Packaged Roof Top Units
Air Handling Units
Exhaust Fans
Fan Coil Units & Condensing Units (Split Systems)
Relief Hoods
Make Up Air Units
Industrial Commercial Ceiling Fans
Unit Heaters
Vibration & Isolation controls
Test and Balance
Direct Digital Control Systems
Variable Refrigerant Flow Systems

Bid Pkg- 26.1

Electrical, Communications, Electronic Safety & Security, Special Systems
Access Panels (Supply, Layout & Coordinate Installation)
Access Controls (Room / Area Access) - conduit and raceways only
Equipment Connections for Plumbing, Mechanical & HVAC Equipment
Supply and installation of Fire Rated Plywood
Supply and Layout for Access Doors & Panels
Installation of firestopping at penetrations through fire partitions
Fire Alarm (FA) System
Traffic Control
Temporary Lighting & Power
Overcurrent Protective Device
Lightning Protection System & Testing
Grounding & bonding system as specified for the entire project
Furnish & install all underground duct banks and above ground conduit necessary to connect service
All conduit, wiring, cable, anchor straps, disconnects, switchgear, transformers, grounding system, panels, Light fixtures, lamps, switches, lighting control panels, raceways, identification, tags, switchboards, panel boards, Wiring devices, fuses, disconnect switches, motor starters, low voltage power factor correction, surge protection



El Paso Community Centers
Jordan Foster Construction - Scope of Work Outline
Guaranteed Maximum Price

Exterior lighting, receptacles, trim, devices, transfer switches & all else necessary for a complete electrical system
All final connections to and include installation of all conduit, wiring, equipment devices, motor starters and other equipment provided by HVAC, plumbing, landscape, fire alarm, specialties
All conduit, boxes & recessed devices
All anchors, ties, blocking, carriers, struts and blocking mechanisms to ensure secure fastening of all conduit, panel boards, enclosures and fixtures.
All inserts & sleeves required to complete electrical installation
Disconnects or switches for Fans, pumps, air conditioners and similar HVAC equipment
Furnish & install all Lighting Contactors, other lighting control systems
Vibrations & Isolation Controls
Identification of Electrical Systems (Including, warning tape, label & signs, floor marking tape, & Instruction Signs)
Electrical Power Monitoring & Control System - Complete
Underground Electrical Rough-in including trenching, excavation, concrete encasement & backfill

Bid Pkg -32.1

Landscape & Irrigation

Landscape Materials including ground cover, sod, seed, rock, mulch, decomposed granite, screenings, etc.
Landscape Irrigation Systems including Demolition of Existing Irrigation
Trees & Shrubs
Plant Material
Irrigation Sleeves
Dust Control
Layout & Trenching (Coordinate with Site Utility Locations)
Soil Preparation & Minor grading of berms and swales, (Witt Pro Filter Fabric, where shown)
Traffic Control
Backflow Preventers
Site Furnishings - tables, grills, trash receptacles, benches, etc.



New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND Lomaland Recreation Center

TAB 3

ESTIMATE OF COSTS



Owner: The City of El Paso
CM at Risk: Jordan Foster Construction



JORDAN FOSTER CONSTRUCTION

COEP RECREATION CENTERS

PRICING SUMMARY

AUGUST 09, 2018

DESCRIPTION	VALUE
Alameda	\$ 7,597,674.00
Chamizal	\$ 6,381,488.00
Lomaland	\$ 8,556,391.00

SUBTOTAL	\$ 22,535,553.00
Additional Non-Accepted VE	\$ (724,082.00)

WJD 08/08/18

**CITY OF EL PASO
ALAMEDA RECREATION CENTER AND LIBRARY
GMP ESTIMATE**

Project name	7380 Alameda Ave. El Paso TX 79915
Estimator	El Paso Estimating
Job size	27445 sqft
Duration	12 mnth
Bid date	8/3/2018 5:00 PM
Notes	*Pricing does not reflect any tariff adjustments that occur past August 03, 2018.*
Report format	Sorted by 'Group phase/Phase' 'Detail' summary

 08/08/18

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
1100.00	GENERAL REQUIREMENTS				
1101.00	Superintendent				
10	Superintendent	52.00	week	2,250.00 /week	117,000
	Superintendent				117,000
	2,080.00 Labor hours				
1141.00	Project Manager				
10	Project Manager (1/3)	18.00	week	2,475.00 /week	44,550
	Project Manager				44,550
	720.00 Labor hours				
1171.00	Field Engineer/Secretary				
15	Project Engineer / LEED Engineer (1/3)	18.00	week	1,200.00 /week	21,600
20	Administrative Assistant / Payroll Clerk (1/3)	18.00	week	800.00 /week	14,400
	Field Engineer/Secretary				36,000
	1,440.00 Labor hours				
1345.00	Safety				
5	Safety Supplies	12.00	mnth	300.00 /mnth	3,600
	Safety				3,600
	2,079.96 Labor hours				
1400.00	Quality Control				
20	Safety Engineer (1/3)	18.00	week	1,277.59 /week	22,997
	Quality Control				22,997
	720.00 Labor hours				
1511.00	Temp - Utilities				
1	Temp Electricity	12.00	mnth	450.00 /mnth	5,400
8	Temp Phone (Equipment)	1.00	lsum	1,400.00 /lsum	1,400
11	Temp Phone / Fax (Service)	12.00	mnth	400.00 /mnth	4,800
11	Temp Water	12.00	mnth	325.00 /mnth	3,900
	Temp - Utilities				15,500
1521.01	Office Trailer				
01	Office Trailer	12.00	mnth	500.00 /mnth	6,000
	Office Trailer				6,000
	2,079.96 Equipment hours				
1521.05	Temp - Toilets				
01	Toilet Rental	12.00	mnth	750.00 /mnth	9,000
	Temp - Toilets				9,000
1570.00	Phone - Mobile				
01	Mobile Phone	12.00	mnth	275.00 /mnth	3,300
	Phone - Mobile				3,300
	2,079.96 Equipment hours				
1590.02	Supplies - Cups and ice				
1	Cups & Ice / Refreshments	12.00	mnth	100.00 /mnth	1,200
	Supplies - Cups and ice				1,200
	2,079.96 Labor hours				
1590.03	Supplies - Office				
10	Office Supplies	12.00	mnth	150.00 /mnth	1,800
10	Office Equipment	12.00	mnth	400.00 /mnth	4,800
10	Computer & DSL	12.00	mnth	350.00 /mnth	4,200

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	Supplies - Office			10,800	
1590.07	Supplies - Reproduction				
	01 Reproduction	25.00 sets	125.00 /sets	3,125	
	Supplies - Reproduction			3,125	
1590.08	Supplies - Postage				
	01 Postage & Freight	12.00 mnth	95.00 /mnth	1,140	
	Supplies - Postage			1,140	
1591.00	Temp Office/Supplies				
	20 Job Sign	1.00 each	1,000.00 /each	1,000	
	Temp Office/Supplies			1,000	
1601.00	Tools & Equipment				
	10 Small Tools	12.00 mnth	750.00 /mnth	9,000	
	Tools & Equipment			9,000	
1601.03	Fuel/Oil				
	10 Gas For Vehicle	12.00 mnth	1,950.00 /mnth	23,400	
	Fuel/Oil			23,400	
1701.00	Layout				
	10 Miscellaneous Layout	1.00 lsum	4,750.00 /lsum	4,750	
	Layout			4,750	
1705.00	Clean Up - Current				
	10 Current Cleanup	52.00 week	750.00 /week	39,000	
	Clean Up - Current			39,000	
	2,080.00 Labor hours				
1711.00	Clean Up - Final				
	10 Final Cleanup	30,000.00 sqft	0.32 /sqft	9,600	
	Clean Up - Final			9,600	
1761.00	Misc. GC Package				
n	10 Misc. GC Package - Equipment, Hoisting, Etc.	1.00 lsum	60,000.00 /lsum	60,000	
	Misc. GC Package			60,000	
GENERAL REQUIREMENTS				420,962	
	11,199.92 Labor hours				
	4,159.92 Equipment hours				
2050.00	DEMOLITION				
2070.01	Clear Site-Rem. chain link/ headwall / billboard / demo all concrete / asphalt				
n	10 Clear Site-Rem. chain link/ headwall / billboard / demo all concrete / asphalt	1.00 lsum	20,591.00 /lsum	20,591	
	Clear Site-Rem. chain link/ headwall / billboard / demo all concrete / asphalt			20,591	
DEMOLITION				20,591	
2100.00	SITEWORK				
2299.00	Sitework				
n	10 Mobilization	1.00 each	13,191.03 /each	13,191	

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
2299.00	Sitework				
n	10 Saw Cutting	335.00	lt	3.84 /lt	1,286
n	10 Clear and Grub	4.50	acre	1,109.86 /acre	4,994
n	10 Site Cut / Site Fill	3,200.00	cbyd	7.85 /cbyd	25,120
n	10 Export Material and Haul off	2,800.00	cbyd	16.86 /cbyd	47,208
n	10 Over-Ex Building Pad and Haul off	4,000.00	cbyd	16.86 /cbyd	67,440
n	10 Import Material and Compact	780.00	cbyd	21.94 /cbyd	17,113
n	10 Import Material for Over Ex of Pad	4,000.00	cbyd	21.94 /cbyd	87,760
n	10 Scarify and Compact Building Pad	3,400.00	sqyd	3.26 /sqyd	11,084
n	10 Scarify and Compact Paved Areas	2,215.00	sqyd	2.04 /sqyd	4,519
n	10 Scarify and Compact Sidewalk Areas	1,210.00	sqyd	3.16 /sqyd	3,824
n	10 Grade for Curb	1,240.00	lt	2.41 /lt	2,988
n	10 Backfill for Curb	1,240.00	lt	2.41 /lt	2,988
n	10 Install 18-inch Sanilite Pipe	680.00	lt	60.02 /lt	40,814
n	10 Install 12-inch Sanilite Pipe	180.00	lt	48.76 /lt	8,777
n	10 Install Trench Drain	2.00	each	4,711.890 /each	9,424
n	10 Connect to Roof Drain	3.00	each	1,268.06 /each	3,804
n	10 Install 2 ft x 2 ft Inlet	4.00	each	4,710.20 /each	18,841
n	10 Install 6-inch Base at Light Duty Paving	730.00	sqyd	11.80 /sqyd	8,614
n	10 Install 8-inch Base at Heavy Duty Paving	1,265.00	sqyd	14.62 /sqyd	18,494
n	10 Install 5-inch Base Under Concrete Paving	280.00	sqyd	10.76 /sqyd	3,013
n	10 Install 2-inch Asphalt Paving Light Duty Paving	730.00	sqyd	16.85 /sqyd	12,301
n	10 Install 2.5-inch Asphalt Paving Heavy Duty Paving	1,265.00	sqyd	22.60 /sqyd	28,589
n	10 Install 6-inch Fire Line	120.00	lt	59.38 /lt	7,126
n	10 Install 2.5 Water Line	110.00	lt	48.21 /lt	5,303
n	10 Install 6-inch Backflow	1.00	each	17,976.98 /each	17,977
n	10 Install 2-inch Backflow	1.00	each	5,394.16 /each	5,394
n	10 Install 2-inch Meter	1.00	each	6,033.15 /each	6,033
n	10 Connect to Existing Water	2.00	each	7,593.33 /each	15,187
n	10 Install 6-inch Sanitary	120.00	lt	58.76 /lt	7,051
n	10 Install Sanitary Cleanouts	3.00	each	1,587.55 /each	4,763
n	10 Connect to Existing Sewer	1.00	each	5,197.11 /each	5,197
n	10 Install 7-inch Concrete Pavement	80.00	sqyd	80.83 /sqyd	6,466
n	10 Install Handicap Ramps	4.00	each	1,410.54 /each	5,642
n	10 Install Light Pole Bases	7.00	each	1,686.16 /each	11,803
n	10 Install Flume with Plate	10.00	sqft	93.42 /sqft	934
n	10 Install 4-inch Sidewalk	6,939.00	sqft	5.66 /sqft	39,275
n	10 Install Curb and Gutter	1,240.00	lt	15.30 /lt	18,972
n	10 Install Handicap Symbols	2.00	each	95.93 /each	192
n	10 Install Handicap Signs	2.00	each	737.87 /each	1,476
n	10 Install Wheel Stops	44.00	each	172.27 /each	7,580
n	10 Install Picnic Tables	3.00	each	1,525.60 /each	4,577
n	10 Install Trash Receptacles	5.00	each	1,834.29 /each	9,171
n	10 Install 6 ft Benches	2.00	each	2,790.65 /each	5,581
n	10 Install Gabion Basket Bench	170.00	lt	64.59 /lt	10,980
n	10 Install CIP Polished Concrete Bench	6.00	each	1,414.79 /each	8,489
n	10 Install Striping	1,000.00	lt	1.48 /lt	1,480
n	10 Install 6 ft Rockwall	130.00	lt	69.37 /lt	9,018
n	10 Install 3 ft Garden Rockwall w/ cap	335.00	lt	44.64 /lt	14,954
n	10 Install Silt Fence	1,780.00	lt	5.42 /lt	9,648
n	10 Install Construction Entrance	1.00	each	4,145.16 /each	4,145
n	10 Traffic Control	1.00	lt	7,747.61 /lt	7,748
n	10 Install Rock Rip Rap	380.00	sqft	4.98 /sqft	1,892
n	10 Install 6 ft x 8 ft Culvert Headwall	2.00	each	3,334.94 /each	6,670
	Sitework				702,910
2590.00	SWPPP				
n	10 SWPPP	1.00	lsum	15,000.00 /lsum	15,000
	SWPPP				15,000
2900.01	Landscape & Irrigation				
n	01 Landscape & Irrigation	1.00	lsum	140,500.00 /lsum	140,500

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	Landscape & Irrigation			140,500	
	SITEWORK			858,410	
3000.00	CONCRETE				
3100.10	Concrete				
n	100 Structural Concrete	1.00	lsum	335,000.00 /lsum	335,000
	Concrete				335,000
	CONCRETE			335,000	
4000.00	MASONRY				
4050.01	Masonry				
n	10 CMU - Gym	16,035.00	sqft	13.561 /sqft	217,450
n	10 CMU - Exterior Restrooms / Free Weights	810.00	sqft	10.741 /sqft	8,700
n	10 CMU - Disposal Area	240.00	sqft	12.92 /sqft	3,100
n	10 CMU - Site	300.00	sqft	12.37 /sqft	3,710
n	10 ACME Pavers	4,085.00	sqft	12.02 /sqft	56,314
n	10 Franklin Stone Veneer	2,370.00	sqft	23.68 /sqft	56,122
	Masonry				345,395
	MASONRY			345,395	
5000.00	METALS				
5110.01	Steel Supplier				
n	01 Steel Supplier	1.00	lsum	305,400.00 /lsum	305,400
	Steel Supplier				305,400
5510.20	Steel Erector				
n	10 Steel Erector	1.00	lsum	169,500.00 /lsum	169,500
	Steel Erector				169,500
	METALS			474,900	
6000.00	WOOD & PLASTICS				
6220.01	Millwork - General				
n	1001 Millwork	1.00	lsum	70,500.00 /lsum	70,500
	Millwork - General				70,500
	WOOD & PLASTICS			70,500	
7000.00	THERMAL & MOISTURE PROT				
7411.00	Roofing				
n	10 80mil TPO mechanically fastened - R30	1.00	lsum	318,800.00 /lsum	318,800

(10)

Item	Description	Takeoff Qty		Unit Cost	Total	
					Amount	
	Roofing					318,800
7800.01	Metal Wall Panels					
n sub	ACM Panel - Metal Soffit Panels	1.00	lsum	72,300.00 /lsum	72,300	
n sub	Metal Fascia	1.00	lsum	9,600.00 /lsum	9,600	
	Metal Wall Panels					81,900
7920.01	Sealants					
n	20 Sealants- joint control in CMU and Hollow metal and between EIFs and stone veneer	1.00	lsum	7,360.00 /lsum	7,360	
n	20 Sealants - water repellent at exterior stone veneer	1.00	lsum	3,924.00 /lsum	3,924	
	Sealants					11,284
	THERMAL & MOISTURE PROT					411,984

8000.00 DOORS & WINDOWS

8112.01	Doors, Frames, Hardware					
n	10 Doors, Frames, Hardware	1.00	lsum	94,010.00 /lsum	94,010	
	Doors, Frames, Hardware					94,010
8330.01	Doors - Coiling					
n	10 Kitchen Steel Coiling Door - Manual	1.00	lsum	4,010.00 /lsum	4,010	
	Doors - Coiling					4,010
8520.01	Glass & Glazing					
n	1001 Glass & Glazing	1.00	lsum	285,775.00 /lsum	285,775	
n	1001 Frameless Mirrors at weight room and aerobic multipurpose room	359.00	sqft	16.09 /sqft	5,775	
	Glass & Glazing					291,550
	DOORS & WINDOWS					389,570

9000.00 FINISHES

9060.00	Finishes					
n	10 Drywall / Stud / Insulation / Blocking / Tape and Bed / Paint	1.00	lsum	485,250.00 /lsum	485,250	
n	10 Standard Acoustical Ceilings	1.00	lsum	13,200.00 /lsum	13,200	
n	10 Metalworks Ceilings	1.00	lsum	24,800.00 /lsum	24,800	
n	10 Linear Swell Ceiling	1.00	lsum	115,500.00 /lsum	115,500	
n	10 EIFS	1.00	lsum	327,550.00 /lsum	327,550	
	Finishes					966,100
9310.01	Flooring					
n	1101 Carpet Tile	79.00	sqyd	46.60 /sqyd	3,681	
n	1101 LVT - Tandus Centiva Venue	4,455.00	sqft	5.08 /sqft	22,609	
n	1101 VE Alternate - Centaur Rubber Athletic Floor, 8 mm	7,337.00	sqft	6.402 /sqft	46,972	
n	1101 Resilient Base and Accessories	2,520.00	lft	3.85 /lft	9,691	
n	1101 Quarry Floor Tile - Interceramic	374.00	sqft	14.47 /sqft	5,410	
n	1101 Porcelain Floor Tile - Interceramic, Tessuto 12 x 24	1,545.00	sqft	10.35 /sqft	15,991	
n	1101 Ceramic Wall Tile, Interceramic 4x12: 34% group 1, 33% ea Group 2 & 3	5,300.00	sqft	10.43 /sqft	55,265	
n	1101 Flooring - Sealed Concrete	1,302.00	sqft	2.50 /sqft	3,255	
n	1101 Flooring - Polished Concrete, 800 grit	3,263.00	sqft	4.00 /sqft	13,052	

WD

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	Flooring				175,926
9590.01	Wood Athletic Flooring				
n	01 Wood Athletic Flooring	1.00	lsum	78,461.00 /lsum	78,461
	Wood Athletic Flooring				78,461
	FINISHES				1,220,487

10000.00

SPECIALTIES

10160.01	Toilet Partitions				
n	01 Toilet Partitions - Stainless Steel	10.00	lsum	1,814.30 /lsum	18,143
	Toilet Partitions				18,143
10430.01	Signs				
n	01 Interior Signage - 1 sign per room	50.00	lsum	150.00 /lsum	7,500
n	01 Exterior Signage - 1 set of 35 letters "Alameda Recreation and Library Center"	33.00	each	273.00 /each	9,009
	Signs				16,509
10507.00	Lockers				
n	01 Metal Lockers - ASI Storage Solutions Lockers - 35 cases x 2 = 70 openings	70.00	each	338.43 /each	23,690
	Lockers				23,690
10524.00	Fire Extinguisher Cabinet				
n	1001 Fire Extinguisher & Cabinet	9.00	each	350.00 /each	3,150
	Fire Extinguisher Cabinet				3,150
10617.00	Operable Partition				
n	1111 Operable Partition	1.00	each	26,750.00 /each	26,750
	Operable Partition				26,750
10800.01	Toilet Accessories				
n	1001 Toilet Accessories	1.00	lsum	28,306.00 /lsum	28,306
	Toilet Accessories				28,306
	SPECIALTIES				116,548

11000.00

EQUIPMENT

11406.00	Food Service Equipment				
n	1001 KE-02 Reach-in Freezer True Manufacturing No. T-23-HC	1.00	each	3,526.52 /each	3,527
n	1001 KE-03 Ice Cube Maker 470 Lb/Day No. IDT-0450A	1.00	each	4,922.520 /each	4,923
n	1001 KE-05 Three Compartment Sink No. 12-E3C16X20-218	1.00	each	1,158.36 /each	1,158
n	1001 KE-06 & KE-07 Range 36" Burners Centaur No. CR6-N	1.00	each	1,287.32 /each	1,287
n	1001 KE-08 Hand Sink Centaur No. SSHAND	1.00	each	105.62 /each	106
n	1001 KE-09 Work Table, SS Top Centaur No. WT18-4-3060	1.00	each	127.81 /each	128
n	1001 KE-10 Exhaust Hood Captive-Aire No. 5424ND-2-PSP-F	1.00	each	6,523.86 /each	6,524
n	1001 KE-10.1 Wall Cladding	1.00	each	742.77 /each	743
n	1001 KE-13 Reach-in Refrigerator True Manufacturing T-23	1.00	each	2,822.12 /each	2,822

Item	Description	Takeoff Qty	Unit Cost	Total	
				Unit Cost	Amount
11406.00	Food Service Equipment				
n	1001 KE-14 Work Table, SS Top Tabco No. FT-3012-x	1.00 each	102.35 /each		102
n	1001 KE-16 Shelving, Wall-Mounted Tabco No. WS-12-36	2.00 each	127.51 /each		255
n	1001 KE-17 Shelf, Pass-Thru Custom	1.00 each	287.50 /each		288
n	1001 Kitchen Equipment Delivery	1.00 each	960.00 /each		960
n	1001 Kitchen Equipment Rough in Drawings	1.00 each	480.00 /each		480
n	1001 Kitchen Equipment Installation	1.00 each	5,760.00 /each		5,760
n	1001 Kitchen Equipment Freight	1.00 each	555.11 /each		555
	Food Service Equipment				29,817
11480.00	Athletic Equipment				
n sub	Basketball -- Forward Fold	4.00 each	6,500.00 /each		26,000
n sub	Basketball - Manual Side Fold	2.00 each	5,225.00 /each		10,450
n sub	Wall Pads	128.00 each	108.00 /each		13,824
n sub	Volleyball Equipment - 2 sets	2.00 each	1,600.00 /each		3,200
n sub	Pickleball Equipment - 2 sets	2.00 each	825.00 /each		1,650
n sub	Gym Divider Curtain	1.00 each	7,750.00 /each		7,750
n sub	Scoreboards	2.00 each	9,768.00 /each		19,532
	Athletic Equipment				82,406
	EQUIPMENT				112,023
12000.00	FURNISHINGS				
12900.01	Tip and Roll Bleachers				
n	01 Tip and Roll - 4 rows x 15' long aluminum bleachers	4.00 each	3,000.00 /each		12,000
	Tip and Roll Bleachers				12,000
	FURNISHINGS				12,000
15000.00	MECHANICAL				
15100.00	Fire Protection				
n	10 Fire Protection	1.00 lsum	43,090.00 /lsum		43,090
	Fire Protection				43,090
15400.00	Mechanical				
n	10 Plumbing	1.00 lsum	215,000.00 /lsum		215,000
n	10 HVAC	1.00 lsum	355,000.00 /lsum		355,000
	Mechanical				570,000
	MECHANICAL				613,090
16000.00	ELECTRICAL				
16001.00	Electrical Sub Bid				
n	10 Electrical	1.00 lsum	592,761.00 /lsum		592,761
	Electrical Sub Bid				592,761
	ELECTRICAL				592,761

Estimate Totals

Description	Amount	Totals	Rate
Labor	246,068		
Material	1,009,539		
Subcontract	4,712,664		
Equipment	7,400		
Other	18,550		
	<u>5,994,221</u>	5,994,221	
Contingency	179,827		3.000 %
	<u>179,827</u>	6,174,048	
Umbrella Insurance	12,819		0.208 %
Builders Risk Insurance	5,769		0.093 %
Supervision P.T. & I.	66,765		30.000 %
Payroll Taxes & Ins On Labor	7,722		33.000 %
General Liability	43,528		0.895 %
	<u>136,603</u>	6,310,651	
Building Permit Etc.			
		6,310,651	
Surety Bond	65,434		
	<u>65,434</u>	6,376,085	
Fee	229,539		3.600 %
	<u>229,539</u>	6,605,624	240.888 /sqft
Flat Fields (Pond) Allowance	950,000		
Graphics Allowance	1,000		
Hardware Allowance	1,000		
Dedication Plaque Allowance	1,500		
Roller Shades Allowance	22,050		
Projection Screens Allowance	5,000		
Utility Connection Fee Allowan	11,500		
	<u>992,050</u>	7,597,674	
Texas State Remodel Tax			
		7,597,674	
Total		7,597,674	276.833 /sqft

WD

**CITY OF EL PASO
CHAMIZAL COMMUNITY CENTER
GMP ESTIMATE**

Project name	2101 Cypress Ave. El Paso TX 79905
Estimator	El Paso Estimating
Job size	36543 sqft
Bid date	8/8/2018 5:00 PM
Notes	"Pricing does not reflect any tariff adjustments that occur past August 03, 2018."
Report format	Sorted by 'Group phase/Phase' 'Detail' summary

 08/08/18

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
1100.00	GENERAL REQUIREMENTS				
1101.00	Superintendent				
10	Superintendent	52.00 week	2,250.00 /week		117,000
	Superintendent				117,000
	2,080.00 Labor hours				
1141.00	Project Manager				
10	Project Manager (1/3)	18.00 week	2,475.00 /week		44,550
	Project Manager				44,550
	720.00 Labor hours				
1171.00	Field Engineer/Secretary				
15	Project Engineer / LEED Engineer (1/3)	18.00 week	1,200.00 /week		21,600
20	Administrative Assistant / Payroll Clerk (1/3)	18.00 week	800.00 /week		14,400
	Field Engineer/Secretary				36,000
	1,440.00 Labor hours				
1345.00	Safety				
5	Safety Supplies	12.00 mnth	300.00 /mnth		3,600
	Safety				3,600
	2,079.96 Labor hours				
1400.00	Quality Control				
20	Safety Engineer (1/3)	18.00 week	1,277.59 /week		22,997
	Quality Control				22,997
	720.00 Labor hours				
1511.00	Temp - Utilities				
1	Temp Electricity	12.00 mnth	450.00 /mnth		5,400
8	Temp Phone (Equipment)	1.00 lsum	1,400.00 /lsum		1,400
11	Temp Phone / Fax (Service)	12.00 mnth	400.00 /mnth		4,800
11	Temp Water	12.00 mnth	325.00 /mnth		3,900
	Temp - Utilities				15,500
1521.01	Office Trailer				
01	Office Trailer	12.00 mnth	500.00 /mnth		6,000
	Office Trailer				6,000
	2,079.96 Equipment hours				
1521.05	Temp - Toilets				
.01	Toilet Rental	12.00 mnth	750.00 /mnth		9,000
	Temp - Toilets				9,000
1570.00	Phone - Mobile				
01	Mobile Phone	12.00 mnth	275.00 /mnth		3,300
	Phone - Mobile				3,300
	2,079.96 Equipment hours				
1590.02	Supplies - Cups and Ice				
1	Cups & Ice / Refreshments	12.00 mnth	100.00 /mnth		1,200
	Supplies - Cups and Ice				1,200
	2,079.96 Labor hours				
1590.03	Supplies - Office				
10	Office Supplies	12.00 mnth	150.00 /mnth		1,800
10	Office Equipment	12.00 mnth	400.00 /mnth		4,800
10	Computer & DSL	12.00 mnth	350.00 /mnth		4,200

10

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	Supplies - Office				10,800
1590.07	Supplies - Reproduction				
	01 Reproduction	25.00 sets	125.00 /sets		3,125
	Supplies - Reproduction				3,125
1590.08	Supplies - Postage				
	01 Postage & Freight	12.00 mnth	95.00 /mnth		1,140
	Supplies - Postage				1,140
1591.00	Temp Office/Supplies				
	20 Job Sign	1.00 each	1,000.00 /each		1,000
	Temp Office/Supplies				1,000
1601.00	Tools & Equipment				
	10 Small Tools	12.00 mnth	750.00 /mnth		9,000
	Tools & Equipment				9,000
1601.03	Fuel/Oil				
	10 Gas For Vehicle	12.00 mnth	1,950.00 /mnth		23,400
	Fuel/Oil				23,400
1701.00	Layout				
	10 Miscellaneous Layout	1.00 lsum	4,750.00 /lsum		4,750
	Layout				4,750
1705.00	Clean Up - Current				
	10 Current Cleanup	52.00 week	750.00 /week		39,000
	Clean Up - Current				39,000
	2,080.00 Labor hours				
1711.00	Clean Up - Final				
	10 Final Cleanup	28,000.00 sqft	0.32 /sqft		8,960
	Clean Up - Final				8,960
1761.00	Misc. GC Package				
n	10 Misc. GC Package - Equipment, Hoisting, Etc.	1.00 lsum	60,000.00 /lsum		60,000
	Misc. GC Package				60,000

GENERAL REQUIREMENTS**420,322**

11,199.92 Labor hours

4,159.92 Equipment hours

2100.00**SITWORK**

2299.00	Sitework				
n	10 Mobilization	1.00 lsum	17,503.00 /lsum		17,503
n	10 Remove Asphalt	140.00 sqyd	7.50 /sqyd		1,050
n	10 Remove Curb and Gutter	450.00 lnft	4.671 /lnft		2,102
n	10 Remove Conc Paving	665.00 sqyd	13.86 /sqyd		9,217
n	10 Saw Cutting Concrete	525.00 lnft	4.311 /lnft		2,263
n	10 Saw Cutting Asphalt	890.00 lnft	3.74 /lnft		3,329
n	10 Site Cut / Site Fill	500.00 cbyd	9.16 /cbyd		4,580
n	10 Export Material and Haul Off	500.00 cbyd	16.70 /cbyd		8,350
n	10 Grade Misc Areas	3,070.00 sqyd	2.14 /sqyd		6,570
n	10 Scarify and Compact Paved Areas	385.00 sqyd	2.81 /sqyd		1,082
n	10 Scarify and Compact Sidewalk Areas	1,540.00 sqyd	3.351 /sqyd		5,160
n	10 Install 18-Inch A-2000 PVC	320.00 lnft	58.413 /lnft		18,892
n	10 Install 12-Inch A-2000 PVC	160.00 lnft	47.45 /lnft		7,592
n	10 Detention System MC-3500	1.00 lsum	120,047.00 /lsum		120,047



Item	Description	Takeoff Qty		Unit Cost	Total	
					Amount	
2299.00	Sitework					
n	10 Install 3' x 3' Inlet	1.00	each	7,666.00 /each	7,666	
n	10 Install 2' x 2' Inlet	2.00	each	6,111.00 /each	12,222	
n	10 Install Type III 10ft Inlet	1.00	each	9,043.00 /each	9,043	
n	10 Install Trench Drain Open	240.00	lnft	227.013 /lnft	54,483	
n	10 Install Trench Drain with Cover Plates	110.00	lnft	258.12 /lnft	28,393	
n	10 Install Nyloplast Catch Basin	1.00	each	5,800.00 /each	5,800	
n	10 Install 6-Inch Base Under Conc Paving	400.00	sqyd	16.43 /sqyd	6,572	
n	10 Install 8-Inch Base Course	380.00	sqyd	14.232 /sqyd	5,408	
n	10 Install 3-Inch Asphalt	380.00	sqyd	21.892 /sqyd	8,319	
n	10 Install 7-Inch Concrete Paving	400.00	sqyd	118.63 /sqyd	47,452	
n	10 Install 4-Inch Sidewalk	13,380.00	sqft	6.01 /sqft	80,414	
n	10 Install Rolled Curb	420.00	lnft	14.881 /lnft	6,250	
n	10 Install Conc Handicap Ramp	1.00	each	1,373.00 /each	1,373	
n	10 Seal Existing Concrete Floor Armor SX 5000	16,060.00	sqft	1.10 /sqft	17,666	
n	10 Install Handicap Symbols	3.00	each	93.333 /each	280	
n	10 Install Handicap Signs	3.00	each	718.00 /each	2,154	
n	10 Install Striping	1,000.00	lnft	1.44 /lnft	1,440	
n	10 Install Pipe Bollards	7.00	each	1,001.143 /each	7,008	
n	10 Install 6ft Rockwall	215.00	lnft	57.00 /lnft	12,255	
n	10 Install Picnic Tables	3.00	each	1,484.67 /each	4,454	
n	10 Install Silt Fence	700.00	lnft	5.28 /lnft	3,696	
n	10 Install Construction Entrance	1.00	each	4,034.00 /each	4,034	
n	10 Install 4-Inch Sidewalk	460.00	sqft	9.141 /sqft	4,205	
n	10 Install Wheel Stops	24.00	each	167.67 /each	4,024	
	Sitework				542,148	
2590.00	SWPPP					
n	10 SWPPP	1.00	lsum	15,000.00 /lsum	15,000	
	SWPPP				15,000	
2900.01	Landscape-General					
n	01 Landscape & Irrigation	1.00	lsum	59,515.00 /lsum	59,515	
n	01 Planters	4.00	each	3,200.00 /each	12,800	
	Landscape-General				72,315	
	SITWORK				629,463	
3000.00	CONCRETE					
3100.10	Concrete Superintendent					
n	100 Structural Concrete - ALLOWANCE for Repairs	1.00	lsum	25,000.00 /lsum	25,000	
	Concrete Superintendent				25,000	
	CONCRETE				25,000	
4000.00	MASONRY					
4050.01	Masonry					
n	10 CMU	1.00	lsum	19,200.00 /lsum	19,200	
n	10 Stone	1.00	lsum	57,000.00 /lsum	57,000	
	Masonry				76,200	
	MASONRY				76,200	

Item	Description	Takeoff Qty	Unit Cost	Total	Amount
5000.00	METALS				
5110.01 n	Structural - Framing 01 Steel Supplier Structural - Framing	1.00 lsum	125,300.00 /lsum		125,300 125,300
5510.20 n	Misc - Item 10 Erection Misc - Item	1.00 lsum	85,000.00 /lsum		85,000 85,000
	METALS				210,300
6000.00	WOOD & PLASTICS				
6220.01 n	Millwork - General 1001 Millwork Millwork - General	1.00 lsum	94,564.00 /lsum		94,564 94,564
	WOOD & PLASTICS				94,564
7000.00	THERMAL & MOISTURE PROT				
7411.00 n	Roofing 10 80mil TPO Mechanically Fastened - R30 Roofing	1.00 lsum	267,117.00 /lsum		267,117 267,117
7600.01 n sub	Metal Wall Panels Berridge Panel Metal Wall Panels	1.00 lsum	10,600.00 /lsum		10,600 10,600
7920.01 n	Sealant - Compounds 20 Sealants Sealant - Compounds	1.00 lsum	14,337.00 /lsum		14,337 14,337
	THERMAL & MOISTURE PROT				292,054
8000.00	DOORS & WINDOWS				
8112.01 n	Doors - Hollow Metal 10 Doors, Frames, Hardware Doors - Hollow Metal	1.00 lsum	104,288.00 /lsum		104,288 104,288
8362.00 n	Overhead Doors 10 Overhead Doors Overhead Doors	1.00 lsum	14,165.00 /lsum		14,165 14,165
8520.01 n	Glass & Glazing 1001 Glass & Glazing Glass & Glazing	1.00 lsum	296,453.00 /lsum		296,453 296,453
8840.00 n	Polycarbonate Roofing 1010 Skylights	1.00 lsum	55,483.00 /lsum		55,483



Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	Polycarbonate Roofing				55,483
	DOORS & WINDOWS				470,389
9000.00	FINISHES				
9050.00	Tenant Finish				
n	10 Drywall/Studs/Insulation/Blocking/Tape and Bed/Paint	1.00 lsum	495,700.00 /lsum		495,700
n	10 ACT	1.00 lsum	22,100.00 /lsum		22,100
n	10 Wood Ceilings	1.00 lsum	64,400.00 /lsum		64,400
n	10 Linear Swell Ceilings	1.00 lsum	138,600.00 /lsum		138,600
n	10 Acoustical Wall Panels	1.00 lsum	26,000.00 /lsum		26,000
n	10 Rainscreen System (only rainscreen components)	1.00 lsum	276,800.00 /lsum		276,800
n	10 Air/Weather Barrier	1.00 lsum	24,000.00 /lsum		24,000
n	10 Rigid Insulation behind all claddings	1.00 lsum	30,500.00 /lsum		30,500
n	10 Seal of Concrete Floors	1.00 lsum	2,400.00 /lsum		2,400
	Tenant Finish				1,080,500
9310.01	Ceramic Tile				
n	1101 Carpet Tile	525.00 sqyd	40.37 /sqyd		21,194
n	1101 LVT	5,805.00 sqft	5.071 /sqft		29,436
n	1101 Rubber Athletic Floor	10,559.00 sqft	6.31 /sqft		66,583
n	1101 Resilient Base	2,280.00 lnft	4.542 /lnft		10,356
n	1101 Quarry Floor Tile	341.00 sqft	14.91 /sqft		5,084
n	1101 Porcelain Floor Tile	1,578.00 sqft	11.34 /sqft		17,890
n	1101 Ceramic Wall Tile	6,086.00 sqft	10.682 /sqft		65,031
	Ceramic Tile				215,574
9590.01	Wood Athletic Flooring				
n	01 Wood Athletic Flooring	1.00 lsum	114,265.00 /lsum		114,265
	Wood Athletic Flooring				114,265
	FINISHES				1,410,339
10000.00	SPECIALTIES				
10180.01	Toilet Partition Metal				
n	01 Toilet Partitions	1.00 lsum	18,543.00 /lsum		18,543
	Toilet Partition Metal				18,543
10430.01	Signs				
n	01 Interior/Exterior Signage	1.00 lsum	27,606.00 /lsum		27,606
	Signs				27,606
10507.00	Lockers - Box				
n	01 Lockers	1.00 lsum	22,886.00 /lsum		22,886
	Lockers - Box				22,886
10524.00	Fire Extinguisher Cabinet				
n	1001 Fire Extinguisher & Cabinet	1.00 lsum	4,152.00 /lsum		4,152
	Fire Extinguisher Cabinet				4,152
10617.00	Operable Partition				
n	1111 Operable Partition	1.00 lsum	42,950.00 /lsum		42,950

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	Operable Partition				42,950
10800.01	Misc Toilet/Bath Equip				
n	1001 Toilet Accessories	1.00	/sum	27,980.00 /sum	27,980
	Misc Toilet/Bath Equip				27,980
	SPECIALTIES				143,917

11000.00 EQUIPMENT

11406.00	Food Service Equipment				
n	1001 Reach-In Refrigerator	1.00	each	2,602.00 /each	2,602
n	1001 Reach-In Freezer	1.00	each	3,251.00 /each	3,251
n	1001 Ice Cuber	1.00	each	3,670.00 /each	3,670
n	1001 Exhaust Hood	1.00	each	6,524.00 /each	6,524
n	1001 Three (3) Compartment Sink	1.00	each	520.00 /each	520
n	1001 Range, 36", 6 Burners	1.00	each	1,288.00 /each	1,288
n	1001 Stainless Steel Shelf	1.00	each	255.00 /each	255
n	1001 Work Table, Stainless Steel Top	1.00	each	855.00 /each	855
n	1001 Hand Sink	1.00	each	101.00 /each	101
n	1001 Delivery	1.00	each	960.00 /each	960
n	1001 Rough In Drawings	1.00	each	480.00 /each	480
n	1001 Installation	1.00	each	5,760.00 /each	5,760
n	1001 Freight	1.00	each	536.00 /each	536
	Food Service Equipment				26,602
11480.00	Athletic Equipment				
n sub	Basketball Backstop - Forward Fold/ Rear Braced	4.00	each	6,500.00 /each	26,000
n sub	Basketball Backstop - Wall Mounted w/ Side Folding	2.00	each	5,225.00 /each	10,450
n sub	Basketball Backstop - Ceiling Hung, Stationary, Braced	2.00	each	6,500.00 /each	13,000
n sub	Volleyball Post and Net System	3.00	each	1,600.00 /each	4,800
n sub	Pickleball Post and Net System	2.00	each	825.00 /each	1,650
n sub	Wall Crash Pads	122.00	each	107.50 /each	13,115
n sub	Column Mounted Crash Pads	12.00	each	107.50 /each	1,290
n sub	Divider Curtain	1.00	each	7,750.00 /each	7,750
n sub	Scoreboards	2.00	each	9,766.00 /each	19,532
	Athletic Equipment				97,687

EQUIPMENT 124,189**12000.00 FURNISHINGS**

12900.01	Telescoping Bleachers				
n	01 Tip and Roll Bleacher - 4 Row x 15'L	4.00	each	3,000.00 /each	12,000
	Telescoping Bleachers				12,000

FURNISHINGS 12,000**15000.00 MECHANICAL**

15100.00	Fire Protection				
n	10 Fire Protection	1.00	/sum	91,886.00 /sum	91,886

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	Fire Protection				91,886
15400.00	Plumbing				
n	10 Plumbing	1.00	lsum	297,000.00 /lsum	297,000
	Plumbing				297,000
15650.00	HVAC				
n	10 HVAC	1.00	lsum	445,000.00 /lsum	445,000
	HVAC				445,000
	MECHANICAL				833,886
16000.00	ELECTRICAL				
16001.00	Electrical Sub Bid				
n	10 Electrical	1.00	lsum	779,871.00 /lsum	779,871
	Electrical Sub Bid				779,871
	ELECTRICAL				779,871

Estimate Totals

Description	Amount	Totals	Rate
Labor	246,068		
Material	195,343		
Subcontract	5,055,132		
Equipment	7,400		
Other	18,550		
	6,522,493	5,522,493	
Contingency	185,675		3.000 %
	185,675	5,688,168	
Umbrella Insurance	11,810		0.208 %
Builders Risk Insurance	5,315		0.093 %
Supervision P.T. & I.	61,201		27.500 %
Payroll Taxes & Ins On Labor	6,435		27.500 %
General Liability	40,095		0.695 %
	124,856	5,813,024	
Building Permit Etc.		5,813,024	
Surety Bond	56,920		
	56,920	5,869,944	
Fee	211,318		3.600 %
	211,318	6,081,262	
Window Treatment Allowance	22,050		
Utility Fees Allowance	11,500		
Artwork Allowance	75,000		
Graphics Allowance	1,000		
Hardware Allowance	1,000		
Dedication Plaque Allowance	1,500		
Visual Display Allowance	5,000		
Acrylic Panel Allowance	183,176		
	300,226	6,381,488	
Texas State Remodel Tax		6,381,488	
Total		6,381,488	174.630 /sqft



**CITY OF EL PASO
LOMALAND RECREATION CENTER
GMP ESTIMATE**

Project name	Lomaland El Paso TX 79935
Estimator	El Paso Estimating
Job size	27946 sqft
Bid date	8/8/2018 5:00 PM
Notes	*Pricing does not reflect any tariff adjustments that occur past August 03, 2018.*
Report format	Sorted by 'Group phase/Phase' 'Detail' summary

 08/08/18

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
1100.00	GENERAL REQUIREMENTS				
1101.00	Superintendent				
	10 Superintendent	52.00 week	2,250.00 /week		117,000
	Superintendent				117,000
	2,080.00 Labor hours				
1141.00	Project Manager				
	10 Project Manager (1/3)	18.00 week	2,475.00 /week		44,550
	Project Manager				44,550
	720.00 Labor hours				
1171.00	Field Engineer/Secretary				
	15 Project Engineer / LEED Engineer (1/3)	18.00 week	1,200.00 /week		21,600
	20 Administrative Assistant / Payroll Clerk (1/3)	18.00 week	800.00 /week		14,400
	Field Engineer/Secretary				36,000
	1,440.00 Labor hours				
1345.00	Safety				
	5 Safety Supplies	12.00 mnth	300.00 /mnth		3,600
	Safety				3,600
	2,079.96 Labor hours				
1400.00	Quality Control				
	20 Safety Engineer (1/3)	18.00 week	1,277.59 /week		22,997
	Quality Control				22,997
	720.00 Labor hours				
1511.00	Temp - Utilities				
	1 Temp Electricity	12.00 mnth	450.00 /mnth		5,400
	8 Temp Phone (Equipment)	1.00 lsum	1,400.00 /lsum		1,400
	11 Temp Phone / Fax (Service)	12.00 mnth	400.00 /mnth		4,800
	11 Temp Water	12.00 mnth	325.00 /mnth		3,900
	Temp - Utilities				15,500
1521.01	Office Trailer				
	01 Office Trailer	12.00 mnth	500.00 /mnth		6,000
	Office Trailer				6,000
	2,079.96 Equipment hours				
1521.05	Temp - Toilets				
.01	Toilet Rental	12.00 mnth	750.00 /mnth		9,000
	Temp - Toilets				9,000
1570.00	Phone - Mobile				
	01 Mobile Phone	12.00 mnth	275.00 /mnth		3,300
	Phone - Mobile				3,300
	2,079.96 Equipment hours				
1590.02	Supplies - Cups and Ice				
	1 Cups & Ice / Refreshments	12.00 mnth	100.00 /mnth		1,200
	Supplies - Cups and Ice				1,200
	2,079.96 Labor hours				
1590.03	Supplies - Office				
	10 Office Supplies	12.00 mnth	150.00 /mnth		1,800
	10 Office Equipment	12.00 mnth	400.00 /mnth		4,800
	10 Computer & DSL	12.00 mnth	350.00 /mnth		4,200

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	Supplies - Office				10,800
1590.07	Supplies - Reproduction				
	01 Reproduction	25.00 sets	125.00 /sets		3,125
	Supplies - Reproduction				3,125
1590.08	Supplies - Postage				
	01 Postage & Freight	12.00 mnth	95.00 /mnth		1,140
	Supplies - Postage				1,140
1591.00	Temp Office/Supplies				
	20 Job Sign	1.00 each	1,000.00 /each		1,000
	Temp Office/Supplies				1,000
1601.00	Tools & Equipment				
	10 Small Tools	12.00 mnth	750.00 /mnth		9,000
	Tools & Equipment				9,000
1601.03	Fuel/Oil				
	10 Gas For Vehicle	12.00 mnth	1,950.00 /mnth		23,400
	Fuel/Oil				23,400
1701.00	Layout				
	10 Miscellaneous Layout	1.00 lsum	4,750.00 /lsum		4,750
	Layout				4,750
1705.00	Clean Up - Current				
	10 Current Cleanup	52.00 week	750.00 /week		39,000
	Clean Up - Current				39,000
	2,080.00 Labor hours				
1711.00	Clean Up - Final				
	10 Final Cleanup	34,000.00 sqft	0.32 /sqft		10,880
	Clean Up - Final				10,880
1761.00	Misc. GC Package				
n	10 Misc. GC Package - Equipment, Hoisting, Etc.	1.00 lsum	60,000.00 /lsum		60,000
	Misc. GC Package				60,000

GENERAL REQUIREMENTS**422,242**

11,199.92 Labor hours

4,159.92 Equipment hours

2100.00**SITEWORK**

2289.00	Sitework				
n	10 Mobilization	1.00 lsum	16,930.00 /lsum		16,930
n	10 Remove Asphalt	505.00 sqyd	5.56 /sqyd		2,808
n	10 Remove Garden Rockwall	250.00 lnft	21.08 /lnft		5,270
n	10 Remove 4ft Rockwall	370.00 lnft	21.07 /lnft		7,796
n	10 Remove Guard Posts	12.00 each	89.75 /each		1,077
n	10 Remove Trees	16.00 each	674.75 /each		10,796
n	10 Saw Cutting	185.00 lnft	3.622 /lnft		670
n	10 Remove Chainlink Fencing	120.00 lnft	7.492 /lnft		899
n	10 Remove Existing Curb	1,250.00 lnft	4.52 /lnft		5,650
n	10 Remove Concrete	110.00 sqyd	12.06 /sqyd		1,328
n	10 Remove Concrete Sidewalk	2,352.00 sqyd	1.00 /sqyd		2,352
n	10 Remove 4ft Wrought Iron Fence	55.00 lnft	21.091 /lnft		1,160
n	10 Clear and Grub	6.50 acre	1,044.62 /acre		6,790
n	10 Site Cut / Site Fill	8,500.00 cbyd	7.30 /cbyd		62,050



Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
2299.00	Sitework				
n	10 Export Material and Haul Off	7,000.00 cbyd	14.20 /cbyd	99,400	
n	10 Over-Excavate Bldg Pad and Haul Off	6,200.00 cbyd	14.20 /cbyd	88,040	
n	10 Import Material and Compact for Site	2,000.00 cbyd	20.64 /cbyd	41,280	
n	10 Import Material and Compact for Over-Ex	6,200.00 cbyd	20.64 /cbyd	127,968	
n	10 Scarify and Compact Bldg Pad	2,860.00 cbyd	3.07 /cbyd	8,780	
n	10 Scarify and Compact Paved Areas	5,730.00 sqyd	1.90 /sqyd	10,887	
n	10 Scarify and Compact Sidewalk Areas	1,950.00 sqyd	2.98 /sqyd	5,811	
n	10 Grade for Curb	3,650.00 lnft	2.27 /lnft	8,286	
n	10 Backfill for Curb	3,650.00 lnft	2.27 /lnft	8,286	
n	10 Install 18-Inch Sanitary Pipe	1,060.00 lnft	48.971 /lnft	51,909	
n	10 Install 2' x 2' Inlet	10.00 each	5,159.00 /each	51,590	
n	10 Install Drop Inlet	1.00 each	7,415.00 /each	7,415	
n	10 Install 5-Inch Base Under Concrete Paving	400.00 sqyd	10.20 /sqyd	4,080	
n	10 Install 6-Inch Base at Light Duty Paving & Jog	1,935.00 sqyd	11.53 /sqyd	22,311	
n	10 Install 8-Inch Base Course at Heavy Duty Paving	3,540.00 sqyd	13.76 /sqyd	48,711	
n	10 Install 2-Inch Asphalt Paving Light Duty	1,935.00 sqyd	16.80 /sqyd	32,508	
n	10 Install 2.5-Inch Asphalt Paving Heavy Duty Paving	3,540.00 sqyd	21.27 /sqyd	75,296	
n	10 Install 2-Inch Asphalt Jogging Path	215.00 sqyd	51.112 /sqyd	10,989	
n	10 Install 6-Inch Water Line	500.00 lnft	48.37 /lnft	24,185	
n	10 Install 6-Inch Backflow	1.00 each	16,017.00 /each	16,017	
n	10 Install 2-Inch Backflow	1.00 each	4,325.00 /each	4,325	
n	10 Install 2-Inch Meter	1.00 each	5,678.00 /each	5,678	
n	10 Install 1-Inch Backflow Landscape	1.00 each	3,423.00 /each	3,423	
n	10 Install 1-Inch Meter Landscape	1.00 each	2,822.00 /each	2,822	
n	10 Connect to Existing Water	1.00 each	7,147.00 /each	7,147	
n	10 Install 6-Inch Sanitary	1.00 each	33,180.00 /each	33,180	
n	10 Install Sanitary Cleanouts	3.00 each	1,494.333 /each	4,483	
n	10 Connect to Existing Sewer	1.00 each	4,891.00 /each	4,891	
n	10 Install 7-Inch Conc Driveway	110.00 sqyd	66.64 /sqyd	7,330	
n	10 Install 4-Inch Sidewalk	9,440.00 sqft	5.60 /sqft	52,864	
n	10 Install 4-Inch Colored Concrete	2,516.00 sqft	7.67 /sqft	19,298	
n	10 Install Curb and Gutter	1,415.00 lnft	13.66 /lnft	19,329	
n	10 Install Header Curb	2,240.00 lnft	12.60 /lnft	28,224	
n	10 Install Concrete Flume	1,360.00 sqft	20.38 /sqft	27,717	
n	10 Install Concrete Steps	425.00 sqft	36.40 /sqft	15,470	
n	10 Install Concrete Handicap Ramps	25.00 each	1,359.40 /each	33,985	
n	10 Install Handicap Symbols	6.00 each	90.333 /each	542	
n	10 Install Handicap Signs	6.00 each	694.50 /each	4,167	
n	10 Install Striping	2,500.00 lnft	1.39 /lnft	3,475	
n	10 Install 6ft Rockwall	80.00 lnft	65.32 /lnft	3,919	
n	10 Install Rockwall 2ft with Conc Cap	1,120.00 lnft	39.88 /lnft	44,666	
n	10 Install 2ft Rockwall with Wrought Iron	380.00 lnft	104.99 /lnft	39,896	
n	10 Install 6ft Wrought Iron Fence	630.00 lnft	144.44 /lnft	90,997	
n	10 Install 4ft Wrought Iron Fence	50.00 lnft	144.44 /lnft	7,222	
n	10 Install 6ft Wrought Iron Gates	2.00 each	2,778.00 /each	5,556	
n	10 Install 3ft Rockwall with Guardrail	90.00 lnft	104.99 /lnft	9,449	
n	10 Install Gabion Basket Bench	20.00 lnft	60.80 /lnft	1,216	
n	10 Install Vehicular Gate	1.00 each	3,472.00 /each	3,472	
n	10 Install 8ft Retaining Wall	400.00 lnft	216.67 /lnft	86,668	
n	10 Install Wheel Stops	12.00 each	162.17 /each	1,946	
n	10 Install Handrails for Ramps	225.00 lnft	62.502 /lnft	14,063	
n	10 Install Silt Fence	1,945.00 lnft	5.10 /lnft	9,920	
n	10 Install Construction Entrance	2.00 each	3,901.50 /each	7,803	
n	10 Traffic Control	1.00 lsum	7,292.00 /lsum	7,292	
	Sitework			1,481,768	
2590.00	SWPPP				
n	10 SWPPP	1.00 lsum	15,000.00 /lsum	15,000	
	SWPPP			15,000	
2900.01	Landscape-General				
n	01 Landscape & Irrigation	1.00 lsum	335,154.00 /lsum	335,154	



Item	Description	Takeoff Qty		Unit Cost	Total	
					Amount	
	Landscape-General					335,164
	SITEWORK					1,831,912
3000.00	CONCRETE					
3100.10	Concrete Superintendent					
n	100 Structural Concrete	1.00	lsum	472,804.00 /lsum	472,804	
	Concrete Superintendent				472,804	
3375.02	Premanufactured Bridge					
	01 Premanufactured Bridge Material	1.00	lsum	68,100.00 /lsum	69,100	
	01 Premanufactured Bridge Erection	1.00	lsum	7,500.00 /lsum	7,500	
	01 Premanufactured Bridge Concrete	1.00	lsum	8,730.00 /lsum	8,730	
	Premanufactured Bridge				85,330	
	CONCRETE					558,134
4000.00	MASONRY					
4050.01	Masonry					
n	10 CMU	1.00	lsum	340,770.00 /lsum	340,770	
n	10 Stone Veneer	1.00	lsum	4,800.00 /lsum	4,800	
	Masonry				345,570	
	MASONRY					345,570
5000.00	METALS					
5110.01	Steel Supplier					
n	01 Steel Supplier	1.00	lsum	401,915.00 /lsum	401,915	
n	01 Cable Railings at Stairs	1.00	lsum	18,000.00 /lsum	18,000	
n	01 Roof Hatch	1.00	lsum	2,500.00 /lsum	2,500	
	Steel Supplier				422,415	
5510.20	Steel Erector					
n	10 Steel Erector	1.00	lsum	172,367.00 /lsum	172,367	
	Steel Erector				172,367	
5705.00	Artist Canopy					
	10 Artist Canopy Material	1.00	lsum	22,785.00 /lsum	22,785	
	10 Artist Canopy Erection	1.00	lsum	10,635.00 /lsum	10,635	
	Artist Canopy				33,420	
	METALS					628,202
6000.00	WOOD & PLASTICS					
6220.01	Millwork - General					
n	1001 Millwork	1.00	lsum	60,880.00 /lsum	60,880	



Item	Description	Takeoff Qty		Unit Cost	Total	
					Amount	
	Millwork - General					60,880
	WOOD & PLASTICS					60,880
7000.00	THERMAL & MOISTURE PROT					
7411.00 n	Roofing 10 80mil TPO mechanically fastened - R30 Roofing	1.00	Isum	235,400.00 /Isum		235,400 235,400
7531.40 n	Green Screen 10 Green Screen Green Screen	1.00	Isum	12,300.00 /Isum		12,300 12,300
7600.01 n sub n sub	Metal Wall Panels Soffit Panels Wall Panels Metal Wall Panels	1.00 1.00	Isum Isum	37,000.00 /Isum 75,000.00 /Isum		37,000 75,000 112,000
7723.00 n	Louvered Metal Screen Wall 1001 Metal Sunshade Louvered Metal Screen Wall	1.00	Isum	151,200.00 /Isum		151,200 151,200
7920.01 n	Sealant - Compounds 20 Sealants Sealant - Compounds	1.00	Isum	14,259.00 /Isum		14,259 14,259
	THERMAL & MOISTURE PROT					525,159
8000.00	DOORS & WINDOWS					
8112.01 n	Doors - Hollow Metal 10 Doors, Frames, Hardware Doors - Hollow Metal	1.00	Isum	46,500.00 /Isum		46,500 46,500
8362.00 n	Rolling Fire Counter Door 10 Rolling Fire Counter Door Rolling Fire Counter Door	1.00	Isum	5,585.00 /Isum		5,585 5,585
8520.01 n	Glass & Glazing 1001 Glass & Glazing Glass & Glazing	1.00	Isum	466,927.00 /Isum		466,927 466,927
	DOORS & WINDOWS					519,012
9000.00	FINISHES					
9050.00 n	Finishes 10 Drywall/Studs/Insulation/Blocking/Tape and Bed/Paint	1.00	Isum	432,700.00 /Isum		432,700
n	10 ACT	1.00	Isum	19,800.00 /Isum		19,800
n	10 Linear Swell Ceiling	1.00	Isum	115,500.00 /Isum		115,500
n	10 Rigid Insulation behind Metal Panels	1.00	Isum	20,000.00 /Isum		20,000
n	10 Air/Weather Barrier behind Claddings that are not EIFS	1.00	Isum	12,200.00 /Isum		12,200

Item	Description	Takeoff Qty		Unit Cost	Total	
					Amount	
9050.00	Finishes					
n	10 EIFS w/ Integral Air/Weather Barrier	1.00	lsum	213,700.00 /lsum	213,700	
	Finishes					813,900
9310.01	Flooring					
n	1101 Carpet Tile	47.00	sy	48.574 /sy		2,283
n	1101 LVT	6,210.00	sf	4.58 /sf		28,411
n	1101 Rubber Athletic Flooring	5,708.00	sf	6.37 /sf		36,317
n	1101 Resilient Base	2,328.00	lf	3.701 /lf		8,617
n	1101 Quarry Floor Tile	132.00	sf	32.561 /sf		4,298
n	1101 Porcelain Floor Tile	1,854.00	sf	10.823 /sf		17,901
n	1101 Ceramic Wall Tile	5,788.00	sf	10.482 /sf		60,671
n	1101 Sealed Concrete	916.00	sf	2.50 /sf		2,290
	Flooring					160,788
9590.01	Wood Athletic Flooring					
n	01 Wood Athletic Flooring	1.00	lsum	79,581.00 /lsum	79,581	
	Wood Athletic Flooring					79,581

FINISHES

1,054,269

10000.00

SPECIALTIES

10160.01	Toilet Partition Metal					
n	01 Toilet Partitions	1.00	lsum	29,734.00 /lsum	29,734	
	Toilet Partition Metal					29,734
10430.01	Signs					
n	01 Interior Signage	1.00	lsum	6,300.00 /lsum	6,300	
n	01 Exterior Signage	1.00	lsum	9,484.00 /lsum	9,484	
	Signs					15,784
10507.00	Lockers - Box					
n	01 Lockers	1.00	lsum	29,864.00 /lsum	29,864	
	Lockers - Box					29,864
10524.00	Fire Extinguisher Cabinet					
n	1001 Fire Extinguisher & Cabinet	1.00	lsum	3,460.00 /lsum	3,460	
	Fire Extinguisher Cabinet					3,460
10817.00	Operable Partition					
n	1111 Operable Partition	1.00	lsum	31,950.00 /lsum	31,950	
	Operable Partition					31,950
10800.01	Misc Toilet/Bath Equip					
n	1001 Toilet Accessories	1.00	lsum	33,002.00 /lsum	33,002	
	Misc Toilet/Bath Equip					33,002

SPECIALTIES

143,774

11000.00

EQUIPMENT

11406.00	Food Service Equipment					
n	1001 Reach-In Refrigerator	1.00	each	2,602.00 /each	2,602	
n	1001 Reach-In Freezer	1.00	each	3,251.00 /each	3,251	
n	1001 Ice Cuber	1.00	each	3,670.00 /each	3,670	
n	1001 Exhaust Hood	1.00	each	6,524.00 /each	6,524	
n	1001 Three (3) Compartment Sink	1.00	each	520.00 /each	520	

Item	Description	Takeoff Qty		Unit Cost	Total	
					Amount	
11406.00	Food Service Equipment					
n	1001 Range, 36", 6 Burners	1.00	each	1,288.00 /each	1,288	
n	1001 Stainless Steel Shelf	1.00	each	255.00 /each	255	
n	1001 Work Table, Stainless Steel Top	1.00	each	655.00 /each	655	
n	1001 Hand Sink	1.00	each	101.00 /each	101	
n	1001 Wire Shelving	1.00	each	389.00 /each	389	
n	1001 Microwave Oven	1.00	each	480.00 /each	480	
n	1001 Delivery	1.00	each	960.00 /each	960	
n	1001 Rough In Drawings	1.00	each	480.00 /each	480	
n	1001 Installation	1.00	each	5,760.00 /each	5,760	
n	1001 Freight	1.00	each	696.00 /each	696	
	Food Service Equipment					27,631
11480.00	Athletic Equipment					
n sub	Basketball Backstop - Ceiling Mounted	4.00	each	6,500.00 /each	26,000	
n sub	Basketball Backstop - Wall Mounted	2.00	each	5,225.00 /each	10,450	
n sub	Volleyball Post and Net System	2.00	each	1,600.00 /each	3,200	
n sub	Pickleball Post and Net System	2.00	each	825.00 /each	1,650	
n sub	Gym Wall Pads	133.00	each	107.504 /each	14,298	
n sub	Divider Curtain	1.00	each	7,750.00 /each	7,750	
n sub	Scoreboards	2.00	each	9,766.00 /each	19,532	
	Athletic Equipment					82,880
	EQUIPMENT					110,511
12000.00	FURNISHINGS					
12900.01	Tip and Roll Bleachers					
n	01 Tip and Roll Bleacher - 4 Row x 15'L	4.00	each	3,000.00 /each	12,000	
	Tip and Roll Bleachers					12,000
	FURNISHINGS					12,000
14000.00	CONVEYNG SYSTEMS					
14200.01	Elevator					
n	1001 Elevator	1.00	lsum	71,592.00 /lsum	71,592	
	Elevator					71,592
	CONVEYNG SYSTEMS					71,592
15000.00	MECHANICAL					
16100.00	Fire Protection					
n	10 Fire Protection	1.00	lsum	53,722.00 /lsum	53,722	
	Fire Protection					53,722
16400.00	Plumbing					
n	10 Plumbing	1.00	lsum	279,000.00 /lsum	279,000	
	Plumbing					279,000
16650.00	HVAC					
n	10 HVAC					490,000

Item	Description	Takeoff Qty	Unit Cost	Total	
				Amount	
	HVAC			490,000	
	MECHANICAL			822,722	
16000.00	ELECTRICAL				
16001.00	Electrical Sub Bid				
n	10 Electrical	1.00	lsum	641,718.00	/lsum 641,718
	Electrical Sub Bid				641,718
	ELECTRICAL				641,718

Estimate Totals

Description	Amount	Totals	Rate
Labor	246,068		
Material	563,843		
Subcontract	6,911,835		
Equipment	7,400		
Other	18,550		
	7,747,696	7,747,696	
Contingency	232,431		3.000 %
	232,431	7,980,127	
Umbrella Insurance	16,569		0.208 %
Builders Risk Insurance	7,456		0.093 %
Supervision P.T. & I.	66,765		30.000 %
Payroll Taxes & Ins On Labor	7,722		33.000 %
General Liability	56,109		0.695 %
	154,621	8,134,748	
Building Permit Etc.		8,134,748	
Surety Bond	72,145		
	72,145	8,206,893	
Fee	295,448		3.600 %
	295,448	8,502,341	
Window Coverings Allowance	22,050		
Utility Fees Allowance	11,500		
Graphics Allowance	1,000		
Hardware Allowance	1,000		
Dedication Plaque Allowance	1,500		
Visual Display Allowance	5,000		
Shvg Site Furnishing Allowance	12,000		
	54,050	8,556,391	
Texas State Remodel Tax		8,556,391	
Total		8,556,391	

306.176



New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND Lomaland Recreation Center

TAB 4

ALLOWANCES, CONTINGENCY, & ALTERNATES



Owner: The City of El Paso
CM at Risk: Jordan Foster Construction





August 9, 2018

GMP Cost Estimate Allowances, Contingency, & Alternates

The City of El Paso, the Owner, is hereinafter referred to as CoEP.

Jordan Foster Construction LLC., the Construction Manager at Risk, is hereinafter referred to as JFC.

Exigo and MarmonMok Architecture, the Architects of Record, is hereinafter referred to as EM.

This GMP is based upon the Drawings and Specifications indicated in the previous sections with the following allowance and contingency clarifications:

Allowances:

The following list of allowances represents JFC's best estimate of costs related to a scope of work that cannot be verified through available design documents or may exceed the budget at the time of execution of the GMP to the Contract. Note that some allowances were provided by CoEP.

The allowances shall account for all labor, material, and equipment costs required to accomplish the work. In the event the expense incurred exceeds the budgeted allowance, JFC shall be entitled to an additive change order to cover the cost of the overage. All allowance expenditures shall add OH&P upon approval of the cost of work. No OH&P has been included in the GMP for these allowances.

1. **Alameda Flat Fields:** An allowance has been established for this item in the amount of \$950,000 per Owner directive.
2. **Chamizal Artwork Installation & Lighting:** An allowance has been established for this item in the amount of \$75,000 per Owner directive.
3. **Graphics:** An allowance has been established for this item in the amount of \$3,000 per Owner directive. (NOTE: Allocation is \$1,000 per project)
4. **Hardware:** An allowance has been established for this item in the amount of \$3,000 per Owner directive. (NOTE: Allocation is \$1,000 per project)
5. **Dedication Plaque:** An allowance has been established for this item in the amount of \$4,500 per Owner directive. (NOTE: Allocation is \$1,500 per project)
6. **Window Treatments:** An allowance has been established for this item in the amount of \$66,150. A specification is provided for window shades but locations are not depicted on the drawings. (NOTE: Allocation is \$22,050 per project)
7. **Utility Connections:** An allowance has been established for this item in the amount of \$34,500. (NOTE: Allocation is \$11,500 per project) This allowance is for connections fees payable to EPWU (for water or sewer connections), El Paso Electric (for permanent power), Texas Gas Service (for natural gas), or any communications entity or agency (for telephone, internet, etc.) that may be required.



8. **Chamizal Acrylic Roof Panels/Translucent Metal Panel/Metal & Acrylite Shading O/Window:** An allowance has been established for this item in the amount of **\$183,176**. Attachment details, sizes, and installation procedures in relation to existing conditions need to be more clearly defined.
9. **Visual Display Boards:** An allowance has been established for this item in the amount of **\$15,000**. This scope is not clearly defined. (NOTE: Allocation is \$5,000 per project)
10. **Lomaland – Salvage Existing Site Furnishings:** An allowance has been established for this item in the amount of **\$12,000** per Owner directive.

CM Contingency:

JFC has included a Construction Manager Contingency equal to 3%. Refer to the estimate for the exact amount. This contingency may be used to offset any buy-out savings or shortfalls incurred in the bid process, or to procure items not included by sub-contractors in their bids and verified as such. No unreasonable exception shall be taken against the use of the contingency to fund items not indicated on the drawings, unforeseen conditions, schedule acceleration, or work not procured through the bid phase.

Alternates:

JFC has excluded the price of all work identified as "Alternates" on the project drawings. The schedule also does not reflect time associated with any of the alternates. Alternates will be included in the bidding documents and the owner has the right to accept any alternates that are within the pricing set forth in the GMP Proposal.

1) GENERAL (All Three Locations)

- a) Bleachers
 - i) Base Bid: Aluminum Tip & Roll type
 - ii) Upgrade: Versa Tract Seating Previously Spec'd
- b) Lockers
 - i) Base Bid: Metal
 - ii) Upgrade: High Density Plastic Previously Spec'd
- c) Rubber Athletic Flooring
 - i) Base Bid: Centaur 8 MM, or equal (5-year warranty)
 - ii) Upgrade: Mondo Rubber Athletic Floor Previously Spec'd
- d) Trees
 - i) Base Bid: 2" caliper, per plan
 - ii) Upgrade: All trees to 4" caliper

2) ALAMEDA

- a) Outdoor Benches
 - i) Base Bid: Premanufactured benches
 - ii) Upgrade: cast in place custom concrete benches

3) CHAMIZAL

- a) Planters
 - i) Base Bid: Bare Steel Fabricated Box w/Open Bottom, includes irrigation
 - ii) Upgrade: Ore Fuse Planter Previously Spec'd

4) LOMALAND



-
- a) Hammerhead drive for Fire Truck
 - i) Base Bid: No Court, required hammerhead only
 - ii) Upgrade: Outdoor Concrete Basketball Court w/Goal Posts and striping, as previously designed
 - b) Existing Basketball & Tennis Courts
 - i) Base Bid: No resurfacing
 - ii) Upgrade: Resurface and restripe all courts (2 Tennis and 1 Basketball)



New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND Lomaland Recreation Center

TAB 5

QUALIFICATIONS & ASSUMPTIONS



Owner: The City of El Paso
CM at Risk: Jordan Foster Construction





August 9, 2018

GMP Cost Estimate Qualifications & Assumptions

The City of El Paso, the Owner, is hereinafter referred to as CoEP.

Jordan Foster Construction LLC., the Construction Manager at Risk, is hereinafter referred to as JFC.

Exigo and MarmonMok Architecture, the Architects of Record, is hereinafter referred to as EM.

This GMP is based upon the Drawings & Specifications indicated in the previous sections with the following clarifications and assumptions:

General Items

1. JFC has excluded **sales tax**.
2. Pricing does not reflect any potential cost impacts related to Federal Government levies and tariffs that occur past August 3, 2018. Proof of said levies or tariffs will be provided via chain of custody to the fullest extent. Materials that increase less than or equal to 5% due to said levies or tariffs shall be accounted for by CM Contingency.
3. JFC has excluded all work identified as "**Alternates**" on the project drawings.
4. JFC has included all accepted Value Engineering (VE) items; refer to attached VE log.
5. JFC has excluded costs for **building permits**.
6. **Salvage** of existing materials to CoEP is excluded unless specifically identified on the documents.
7. JFC has assumed that the City of El Paso will perform **code compliance inspections**.
8. **Unreasonable delays in obtaining municipal permits** from authorities having jurisdiction shall be excusable with relation to project schedule.
9. This GMP is based upon the assumption that turn-around on **inspections** by authorities having jurisdiction will not be greater than 48-hours.
10. JFC has excluded costs associated with **utility assessments or frontage fees**.
11. JFC has excluded the relocation of any **existing public utilities** and related appurtenances.
12. **Laboratory Construction Material Testing** (soil densities, proctors, concrete strength, steel welding inspections, etc.) has been excluded from this pricing and is to be furnished by the Owner. Construction Quality Assurance is included by JFC.
13. JFC has assumed the Owner's **material testing laboratory** be available on-call with a maximum 24 hour turn-around on all concrete and density inspection requests. Furthermore proctor tests shall be expedited wherever necessary.
14. JFC excludes all **commissioning**. This 3rd party service shall be provided by Owner. JFC has included commissioning coordination.
15. It is assumed that there are no **underground utilities**, other than as identified on drawings, which will need to be removed or relocated.
16. JFC has excluded any impacts related to **Archeological Issues** or protection of the same if exposed during construction activities. Surveys or Studies to assess the **environmental, historic and archeological impact** of construction is excluded.



17. JFC has excluded any impacts related to existing **hazardous or toxic materials** (i.e. asbestos, lead, pcb's) discovered on site or exposed during construction activities. Environmental Impact Testing costs are being excluded as well. Hazardous, **asbestos**, or toxic waste material survey, testing, demolition, excavation, removal, handling, storage or disposal is excluded.
18. All **easements, right-of-way** and other access to areas of construction shall be provided by CoEP for the entire duration of this scope.
19. **Unforeseen conditions** encountered during construction phase (items that are not indicated in drawings) are excluded.
20. Protection of **underground utilities** that are not marked by Dig-TESS; not shown on drawings; or not identified via field coordination by CoEP cannot be guaranteed during demolition and excavation activities and is excluded. JFC will make a good faith effort to protect all buried underground utilities that can be identified.
21. JFC excludes recycling of materials during construction. JFC assumes that this is not a requirement of Green Globes.
22. JFC has accounted for a 10 working day turn-around on all EM/CoEP review and approval of construction **submittals**. Increases in this duration could impact the schedule and will delay the project in the event the item is on the project's critical path.
23. JFC has relied on the project designer as having coordinated the **invert elevation** of all underground pipes at crossing points to ensure there are adequate clearances between the same. JFC will not be responsible to perform a coordination study of the underground routing of piping.
24. JFC has based this GMP cost estimate on being able to utilize **equivalent products** or manufacturers for all scopes of work with prior approval from CoEP or EM. Single sources for materials or supplies are excluded and shall only be used for the "basis of design" product.
25. JFC has excluded **custom colors, patterns, or textures** that are not currently available and do not represent a premium cost over standard material selections, unless otherwise specified.
26. No **overtime** or shift work has been assumed in the preparation of this package. JFC reserves the right to do work after normal business hours and on weekends to accelerate its work in accordance with the General Conditions of the contract.
27. JFC understands that its **Contract Agreement** is with the CoEP, and that EM is the Architect of record for this project. The contractual relationship between CoEP and JFC is as defined in the Contract Agreement and shall not be superseded by any items in the Technical Specifications, Drawings, or any other references.
28. JFC excludes requirements related to **matching existing finishes**, cmu, brick or other existing finishes, or Architect's Sample(s). Such matches may not be obtainable or available. JFC will make every reasonable effort to match existing items as closely as possible, using manufacturer standard colors, patterns, textures that are currently available and do not represent a premium cost over standard material selections. No unreasonable exceptions shall be taken to substitution requests.
29. No costs have been included for **furnishing** or installing new office fixtures or furnishings such as: cubicles, desks, chairs, filing cabinets, tables, office furniture, appliances, etc. Fixed millwork and kitchen appliances shown on drawings are included.
30. JFC excludes **lightning protection**.
31. The **Fire Suppression System** (site hydrants, etc) is based on available pressure being supplied by EPWU/Others. The costs for a booster fire pump have not been included. No provisions have been made for a fire storage tank.



32. Light Fixtures throughout the project will be open to substitutions for equivalent lights. No unreasonable exceptions will be taken by CoEP or EM to substitution requests.
33. All **toilet partitions** are presumed to be floor mounted overhead braced construction. No ceiling suspended partitions have been accounted.
34. With regards to reports and **record documents**, JFC has assumed the acceptability of electronic copies of reports, and standard record documents. Closeout will include one electronic copy, with as-builts and manuals as requested by owner.
35. JFC reserves the right to integrate the SWPPP **silt fence** with the installed construction fence wherever practical.
36. JFC will provide **SWPPP** based upon local standard practices, in accordance with laws and regulations established by authorities having jurisdiction.
37. JFC has assumed that there will be no added cost to Owner or JFC for **site visits by design team** members, staff, design team consultants, or others, unless required due to JFC non-conforming work.
38. JFC has assumed that the CoEP 2016 Building Construction Trades **Wage Rates** and 2016 Paving and Street Construction, Dirt Work, Heavy Construction, Pipeline Work, Highway Wage Rates which were provided to JFC by CoEP are the applicable wage scales for this project, and we exclude any other referenced wage rates. Furthermore JFC intends to submit a worker wage rate form as included in the published CSP.
39. **Certified payroll** will be submitted for this project via LPC Tracker as required.
40. JFC takes exception to drawing notes which stipulate that the Contractor is responsible for **verifying all dimensions**, conditions, and elevations on site and shall contact the design engineer and report any discrepancies, omissions and/or errors on plans prior to commencing work. JFC does not accept this condition. JFC will inform EM and CoEP of any observed discrepancies, or conflicts, and does not take any responsibility for errors or omissions in design documents.
41. Topographical surveying and establishment of vertical and horizontal **benchmarks** is excluded. Construction surveying and layout for purposes of construction is included by JFC.
42. Survey **Bench Marks** and Controls are to be provided by Owner or Architect. JFC excludes any horizontal and vertical **control discrepancies** caused by the absence of survey layout information, bench marks, coordinates, survey drawing(s), easement drawing(s), or other incorrect or questionable information provided by others.
43. JFC is not responsible for condition of **existing sub-grade** that has not been prepared and that is not identified to be compacted or over excavated.
44. ADA/TAS compliance and reviews for Design for the facility shall be the responsibility of the Design Team. JFC excludes ADA accessible routes within the project area during construction of this project.
45. JFC excludes any costs related to design team travel, lodging, and meals unless required due to JFC non-conforming work.
46. JFC excludes any requirements in drawings or specifications which are in **conflict of the Contract** between CoEP and JFC.
47. In accordance with Paragraph 7.02 of the Agreement, JFC's fee is applied to the **Cost of Work** as defined by the Agreement and outlined in Paragraph 7.03. All items outlined in the Agreement that are to be included in the Cost of Work shall be subject to this fee.
48. JFC excludes any delays associated with work restrictions during regular working hours as a result of **noise and vibration limitations**.
49. JFC has not included time in the project schedule for **weather delays**. Adverse weather conditions that result in a delay to the critical path shall be compensated to JFC via change order.



50. Schedule subject to change based on City issuance of NTP.
51. JFC excludes any salt finish concrete.
52. JFC excludes Spec 096566 – Resilient Athletic Floor which calls out for Mando flooring. JFC has included Centaur 8mm. (Reference VE log)
53. JFC excludes Spec 105116 - Bradley Lenox Locker. Pricing includes metal type lockers in lieu of the specified plastic type. (Reference VE log)
54. JFC excludes Spec 126613 – Versa Tract Telescoping Seating. Pricing includes Universal Series Tip & Roll type bleachers (4-Row, Double Footboard, 6" Rise, 12" seats).
55. JFC has included an allowance for all window treatments and related scope. Clarification from EM is required in order to provide quantities and pricing.
56. JFC excludes message centers for scoreboards. NEED drawing reference.
57. JFC excludes providing a 5-year warranty for kitchen equipment – Spec 11400, 1.14. A standard 1-year warranty is included.
58. JFC excludes Spec 102600 – SS Corner Guards. Not shown on drawings.
59. JFC excludes any scope related to fitness equipment or TV's; these are Owner Furnished, Owner Installed (OFOI).
60. JFC excludes providing and installing any clocks. (i.e., Chamizal, Sheet A-110 at Auxiliary Gym)
61. JFC excludes Bibliotheca Tattle-Tape Gate. (i.e., Alameda, Sheet A-111, Keyed Note 12)
62. JFC excludes providing and installing coin dispensers. (i.e., Alameda, Sheet A-130 – Equip. Schedule)
63. JFC excludes all special systems including but not limited to Security (CCTV), Public Address System, Intrusion Alarm, A/V, and Communication Cabling. (Only Fire Alarm is included)
64. JFC excludes logos/lettering on gymnasium floors.
65. JFC assumes 1 ea. Sign per opening (with braille); no signage schedule was provided.
66. JFC excludes all monument signs.
67. JFC excludes access control system and associated components including electrified hardware.
68. JFC assumes operable partitions by Panefold or Modernfold are acceptable.
69. JFC excludes work associated with Owner provided artist features, unless shown on drawings.
70. JFC intends on bidding the following bid packages: 01.1 – Site Controls, 01.2 – Final Cleaning, 02.1 – Earthwork & Utilities, 02.2 – Sitework and Paving, 03.1 – Structural & Building Concrete, & 06.2 – Rough Carpentry.

PROJECT SPECIFIC

CHAMIZAL

71. Owner shall provide JFC with vehicular/equipment access to the site within the CDBG project limits. Access is required in order to complete work on the North, West, and South sides of the project. Close coordination with the Owner and CDBG project personnel will be required in order to sequence the completion of the aforementioned areas of work.
72. JFC excludes any incompetent subgrade conditions below existing slabs.
73. JFC excludes any concrete leveling of existing slab. JFC assumes this work will be completed during demolition phase.
74. JFC excludes visual display boards.
75. JFC excludes Foot Grille Entrance System. (Not shown on drawings)



Sheet C100 – Walnut Street Widening

76. JFC excludes removal of chainlink fence and concrete alongside building. This work is to be done in Chamizal Demo Amendment.
77. JFC excludes proposed wall on Detail 4. We assume this to be the concrete traffic railing to be done in Chamizal Demo Amendment.

Sheet C4.2 – Details

78. JFC excludes “optional inspection port” as referenced in detail 2.

Sheet LG-001 – General Notes

79. JFC excludes General Note 12. The project schedule may not allow plants to be installed during normal planting season.
80. JFC excludes “Plant Maintenance & Warranty”, Item #1, last sentence.

Sheet LC-501 – Construction Details

81. JFC excludes Ore Fuse Planter System. JFC has included 144”Lx48”Wx24”Hx1/4” thick mild steel (unfinished) planter with open bottom. Reference VE Item #9.

Sheet A-140 – Finish Floor Plan

82. JFC excludes polished concrete at Library. We assume Carpet Tile at this area as per Owner directive.

LOMALAND

83. JFC excludes visual display boards. An allowance of \$5,000 is allocated for the project.
84. JFC excludes providing temporary power to park during construction.
85. JFC excludes any kind of maintenance to park during construction including watering, irrigation maintenance, turf and plant maintenance. Owner to provide necessary irrigation technicians to assist with ensuring that park irrigation system and timers function properly throughout construction.

Sheet G-102 – General Project Information

86. JFC excludes Notes 4.2, 7.3, 8.2, 9.1, 10.2, 11.1, and 12.1.
87. JFC excludes last sentence in Note 16.4.

Sheet LG-001 – General Notes

88. JFC excludes General Note 14. The project schedule may not allow plants to be installed during normal planting season.
89. JFC excludes “Plant Maintenance & Warranty”, Item #1, last sentence.

Sheet LG-002 – General Notes

90. JFC excludes Sodding Note #8: Project schedule may not allow sod to be installed during normal planting season.

Sheet LP-102 – Landscape Plan

91. JFC excludes Note 8 - Preserve and Protect Existing Bermuda Grass. Grass in this area cannot reasonably be protected during construction. The area shall be assessed at the end of the project and a change order issued to plant new sod as deemed necessary by Owner.

Sheet C-1.1 Site Civil Plan

92. JFC excludes new basketball court at west side of site. (Reference VE log)

Lomaland Geotech Report

93. JFC has not accounted for any potential cost impacts associated with the following: Pg. 2 of 35 – Letter from CQC, Paragraph 1, “Please note that at the time this report was submitted final detailed plans and specifications with respect to the planned improvements were not available for our review and consideration in the preparation



of this report. It is recommended that once plans are available, this information should be provided to CQC, so that we may review and/or modify our recommendations submitted within this report, as necessary”.

94. JFC excludes the following: Pg. 7 of 35 – Section 2.0 – Subsurface Exploration Evaluation Methods and Testing, Paragraph 4, “The owner shall not incur additional costs for additional excavations or removal of encountered variable unclassified soils, buried materials or utilities, as applicable”.
95. JFC has not accounted for any potential cost impacts associated with the following: Pg. 10 of 35 – Section 3.0 – Subsurface Soil Classification and Strength Considerations, Paragraph 5, “Additional consolidation tests shall be required to further evaluate the potential magnitude of settlement that these soils may experience”.
96. JFC excludes the following: Pg. 13 of 35 – Section 3.3 – Subsurface Soils and Preparation – Special Considerations, Paragraph 1, “At the time that this report was completed, a final civil design grading plan had not been provided for the review of CQC”. Paragraph 2, The owner shall not incur additional costs for variations in soil formations within the project limits and/or additional excavation requirements by the contractor”.

ALAMEDA

97. JFC excludes Foot Grille Entrance System. (Not shown on drawings)
98. JFC has excluded Metalworks Linear Ceiling for exterior soffit. JFC has provided an “or equal” product which meets the design criteria per Spec 095460 – Metal Linear Soffit Panels.
99. JFC assumes that the building will have building letters “Alameda Recreation Center and Library” and are included in pricing; letters will be per spec. (Not shown on drawings)
100. JFC excludes the sidewalk that runs east/west from Carolina Dr. to the West side of the new building. JFC assumes that this scope is included in the \$950,000 allowance.
101. JFC excludes 195 LF of low rock wall that runs east/west from Carolina Dr. JFC assumes that this scope is included in the \$950,000 allowance.
102. JFC excludes all concrete accent mow strips. (i.e., Note 10 on Sheet A-101, P,Q,R/LC-503) JFC assumes that these mow strips are substituted by long concrete pavers.

Sheet G-102 – General Project Information

103. JFC excludes Notes 4.2, 7.3, 8.2, 9.1, 10.2, 11.1, and 12.1.
104. JFC excludes last sentence in Note 16.4.

Sheet LG-001 – General Notes

105. JFC excludes General Note 14. The project schedule may not allow plants to be installed during normal planting season.
106. JFC excludes “Plant Maintenance & Warranty”, Item #1, last sentence.

Sheet LG-002 – General Notes

JFC excludes Sodding Note #8: Project schedule may not allow sod to be installed during normal planting season.

Alameda Geotech Report

107. JFC has not accounted for any potential cost impacts associated with the following: Pg. 2 of 31 – Letter from CQC, Paragraph 1, “Please note that at the time this report was submitted final detailed plans and specifications with respect to the planned improvements were not available for our review and consideration in the preparation of this report. It is recommended that once plans are available, this information should be provided to CQC, so that we may review and/or modify our recommendations submitted within this report, as necessary”.



-
108. JFC excludes the following: Pg. 7/31 – Section 2.0 – Subsurface Exploration Evaluation Methods and Testing – “The owner shall not incur additional costs for additional excavations or removal of encountered variable unclassified soils, buried materials or utilities, as applicable”.
 109. JFC excludes the following: Pg. 11 of 31 – Section 3.3 – Special Considerations – “The owner shall not incur additional costs for variations in soil formations within the project limits and/or additional excavation requirements by the contractor.
 110. JFC excludes the following; EM shall be responsible for providing this information: Pg. 13 of 31 – Section 4.0 – General Foundation and Floor Slab Design Considerations – “Once a specific finished floor elevation and specific grading plans and details are available CQC should be contacted to review the recommendations presented below”

El Paso Community Centers
JFC Proposed Value Engineering

Date: August 9, 2018

No.	Project	Description	Accepted	Value	Notes
1	All	Eliminate plumbing at personal changing rooms	No	Not priced	Alternate- Provide plumbing in all RR.
2	Chamizal	Provide metal lockers in lieu of high density plastic lockers.	Yes	\$11,404.00	Alternate- Provide High Density Plastic
3	Chamizal	Provide Tip & Roll type bleachers (4 rows max seating) in lieu of Versa Tract	Yes	\$32,580.00	Alternate- Provide Versa Tract Seating
4	Chamizal	Provide powdercoated toilet partitions in lieu of stainless steel	No	\$5,000.00	Alternate - Upgrade to stainless steel
5	Chamizal	Provide Centaur 8 MM in lieu of Mondo brand	Yes	\$73,473.00	Alternate- Mondo Rubber Athletic Floor
6	Chamizal	Provide bare steel landscape planters w/open bottom in lieu of Ore Fuse planters	Yes	\$20,000.00	Alternate- Provide Ore Fuse Planter
7	Chamizal	Reduce quantity of skylights by 50%	No	\$22,195.00	Alternate- Provide additional skylights
8	Chamizal	Eliminate finishes at outdoor restroom	No	Not priced	Alternate - Finish out restrooms
9	Chamizal	Eliminate Woodworks Grill type ceiling (Gypsum board ceiling already included above Woodworks ceiling)	No	\$64,400.00	Alternate-Provide Woodworks Grill ceiling below gypsum ceiling
10	Chamizal	Provide standard 2'x4' acoustical ceilings in lieu of Arktura ceilings at Meeting Room	No	\$83,700.00	Alternate- Provide Arktura ceiling
11	Chamizal	Provide standard EIFS finish system in lieu of fiber cement rain screen system	No	\$128,900.00	Alternate- Provide fiber cement rain screen system
Chamizal Subtotal				\$441,652.00	
12	Lomaland	Provide metal lockers in lieu of high density plastic lockers.	Yes	\$13,736.00	Alternate- Provide High Density Plastic
13	Lomaland	Provide Tip & Roll type bleachers (4 rows max seating) in lieu of Versa Tract	Yes	\$24,280.00	Alternate- Provide Versa Tract Seating
14	Lomaland	Provide powdercoated toilet partitions in lieu of stainless steel	No	\$10,000.00	Alternate - Upgrade to stainless steel
15	Lomaland	Provide Centaur 8 MM in lieu of Mondo brand	Yes	\$39,542.00	Alternate- Mondo Rubber Athletic Floor
16	Lomaland	Provide turf slope w/irrigation at south landscape area in lieu of a 3 level terrace.	No	\$27,505.00	Alternate- Provide 3 level terrace
17	Lomaland	Provide standard 2'x2' acoustical ceilings in lieu of Arktura ceilings at Meeting Room	No	\$69,750.00	Alternate- Provide Arktura ceiling
18	Lomaland	Provide hammer head driveway in lieu of HMAc Basketball Court w/ goal posts.	Yes	\$29,365.00	Alternate- Provide outdoor HMAc Basketball Ct. w/ goal posts.
19	Lomaland	Provide EIFS throughout with standard 4 oz. mesh. Delete 12oz. mesh 8'AFF and provide 15 oz. mesh only to 8' AFF. There will be a feathered transition at 8' AFF between the 4 oz. and the 15 oz.	Yes	\$27,000.00	
20	Lomaland	Eliminate resurfacing existing basketball & tennis courts	Yes	\$12,995.00	Alternate- Resurface basketball & tennis ct.
21	Lomaland	Reduce size of artist canopy by 50%.	No	\$30,128.00	Alternate- Provide full size artist canopy
22	Lomaland	Provide EIFS standard finish in lieu of green screen "live" wall	No	\$12,300.00	Alternate- Provide Green Screen live wall
23	Lomaland	Provide wire mesh at guardrail systems in lieu of glass.	Yes	\$9,750.00	Alternate - Provide glass at guardrail systems
24	Lomaland	Delete metal wall louver system/sunshades	No	\$151,200.00	Alternate- Provide Metal Wall Louver System
Lomaland Subtotal				\$457,551.00	
25	Alameda	Provide metal lockers in lieu of high density plastic lockers.	Yes	\$12,390.00	Alternate- Provide High Density Plastic
26	Alameda	Provide Tip & Roll type bleachers (4 rows max seating) in lieu of Versa Tract	Yes	\$20,340.00	Alternate- Provide Versa Tract Seating
27	Alameda	Provide powdercoated toilet partitions in lieu of stainless steel	No	\$5,000.00	Alternate - Upgrade to stainless steel
28	Alameda	Provide Centaur 8 MM in lieu of Mondo brand	Yes	\$51,145.00	Alternate- Mondo Rubber Athletic Floor
29	Alameda	Provide standard 2'x4' acoustical ceilings in lieu of Arktura ceilings at Meeting Room	No	\$69,750.00	Alternate- Provide Arktura ceiling
30	Alameda	Eliminate Mesh Welded Wire Ceilings and Vector Ceilings	No	\$24,600.00	Alternate-Provide Mesh Welded Wire Ceilings and Vector Ceilings
31	Alameda	Provide EIFS throughout with standard 4 oz. mesh. Delete 12oz. mesh 8'AFF and provide 15 oz. mesh only to 8' AFF. There will be a feathered transition at 8' AFF between the 4 oz. and the 15 oz.	Yes	\$40,000.00	
32	Alameda	Provide premanufactured sitting benches in lieu of concrete benches	Yes	\$5,000.00	Alternate- Concrete Benches
33	Alameda	Provide integral color concrete in lieu of concrete pavers	No	\$19,654.00	Alternate - Concrete pavers
Alameda Subtotal				\$247,879.00	
GRAND TOTAL				\$1,147,082.00	
Total Accepted VE				\$423,000.00	
Total Unaccepted VE				\$724,082.00	



New Community Centers: Alameda and Chamizal Recreation Centers & Library Combo AND Lomaland Recreation Center

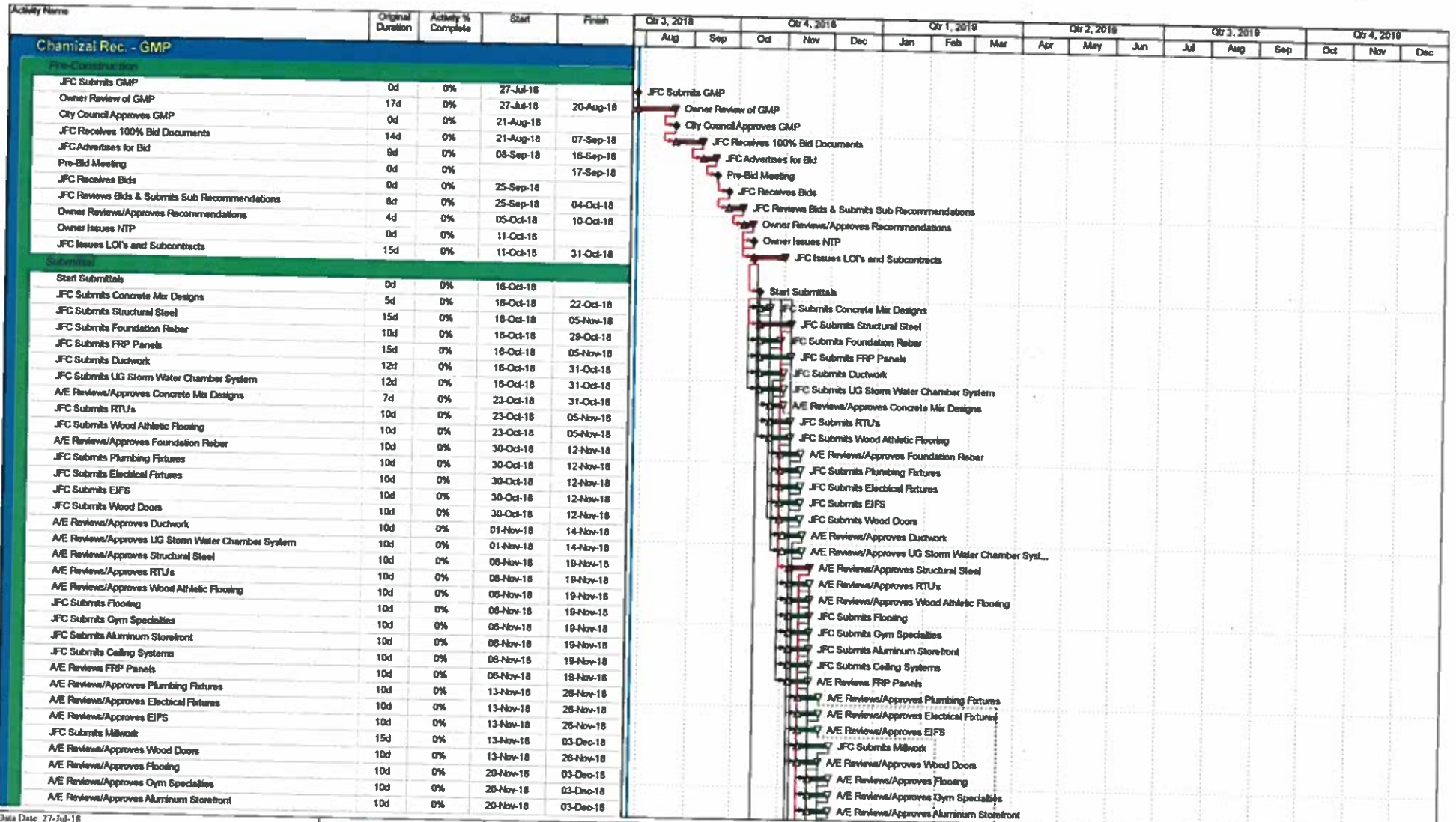
TAB 6

SCHEDULES



Owner: The City of El Paso
CM at Risk: Jordan Foster Construction





Date: 27-Jul-18

Substantial Completion: July 29, 2019

Page: 1

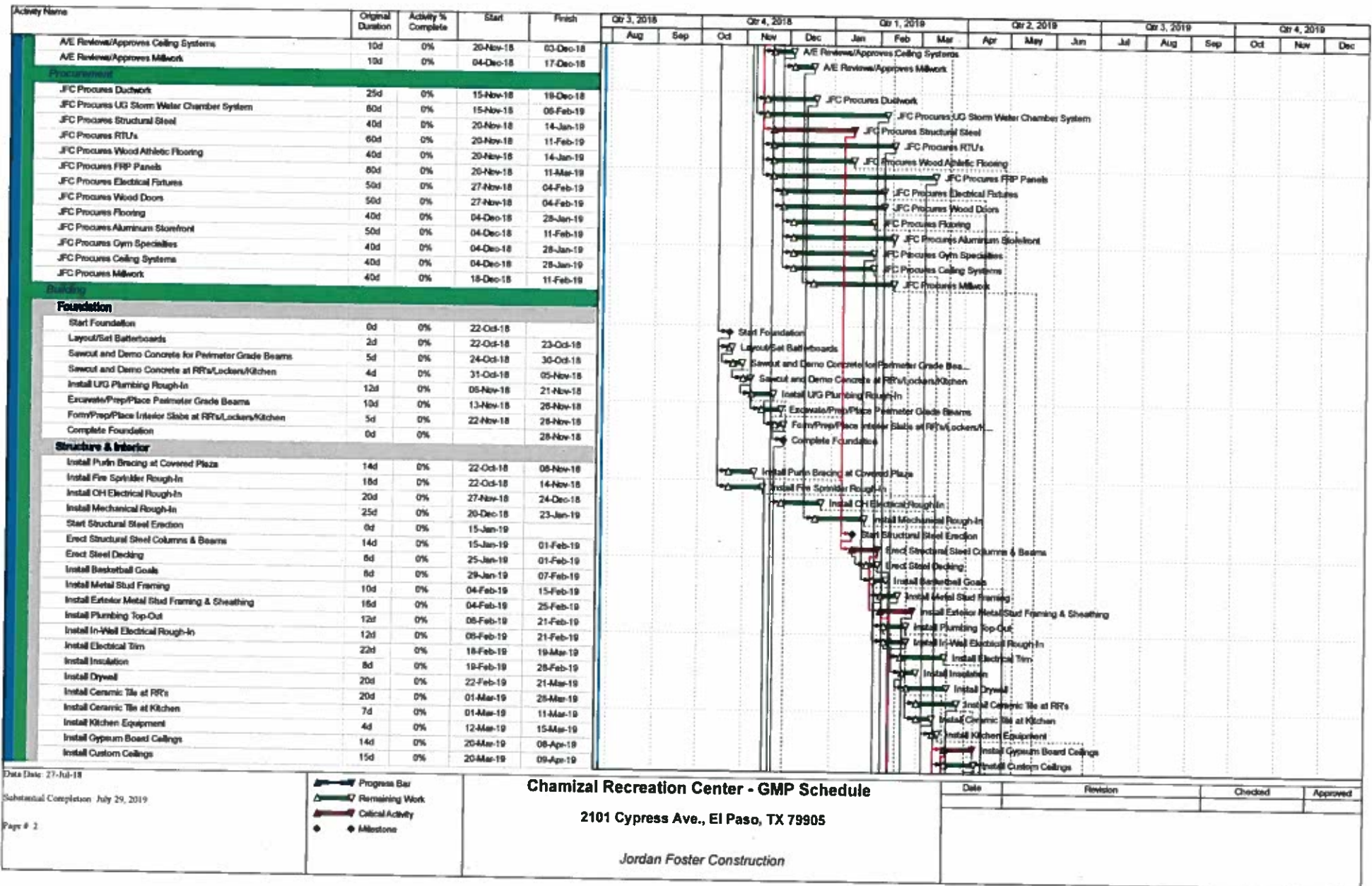
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-  Remaining Work
-  Critical Activity
-  Milestone

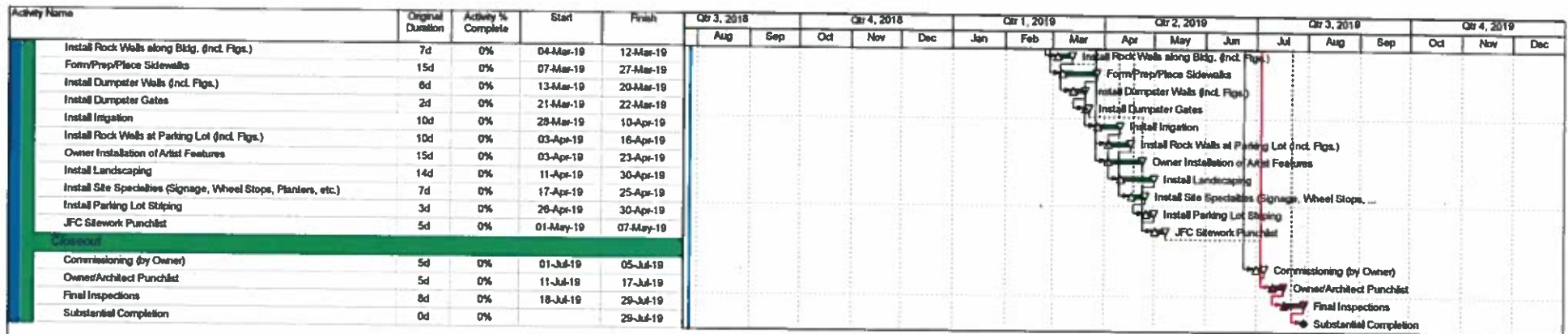
Chamizal Recreation Center - GMP Schedule

2101 Cypress Ave., El Paso, TX 79905

Jordan Foster Construction

Date	Revision	Checked	Approved
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Data Date: 27-Jul-18

Substantial Completion: July 29, 2019

Page # 4

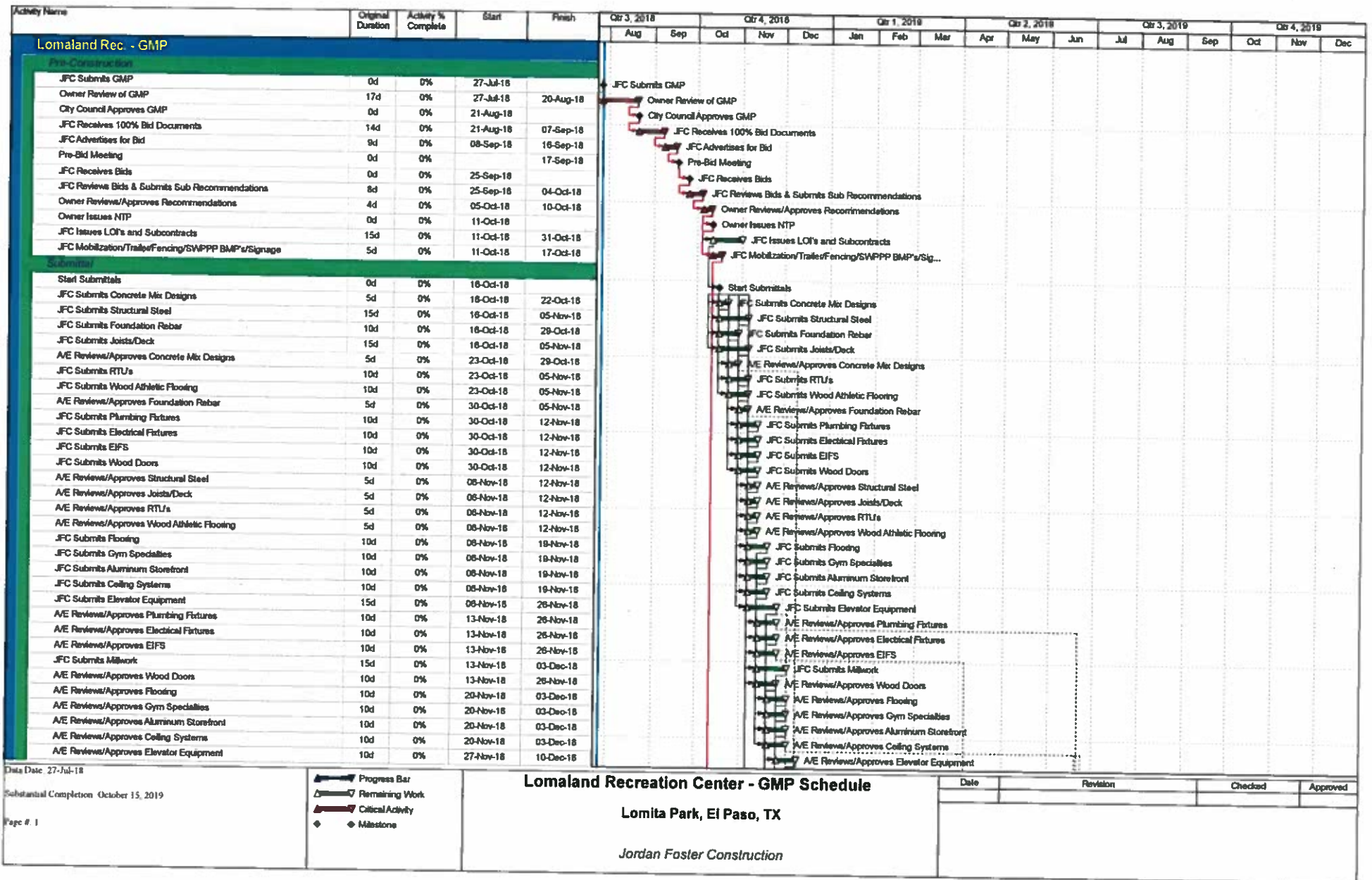
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 Critical Activity
 Milestone

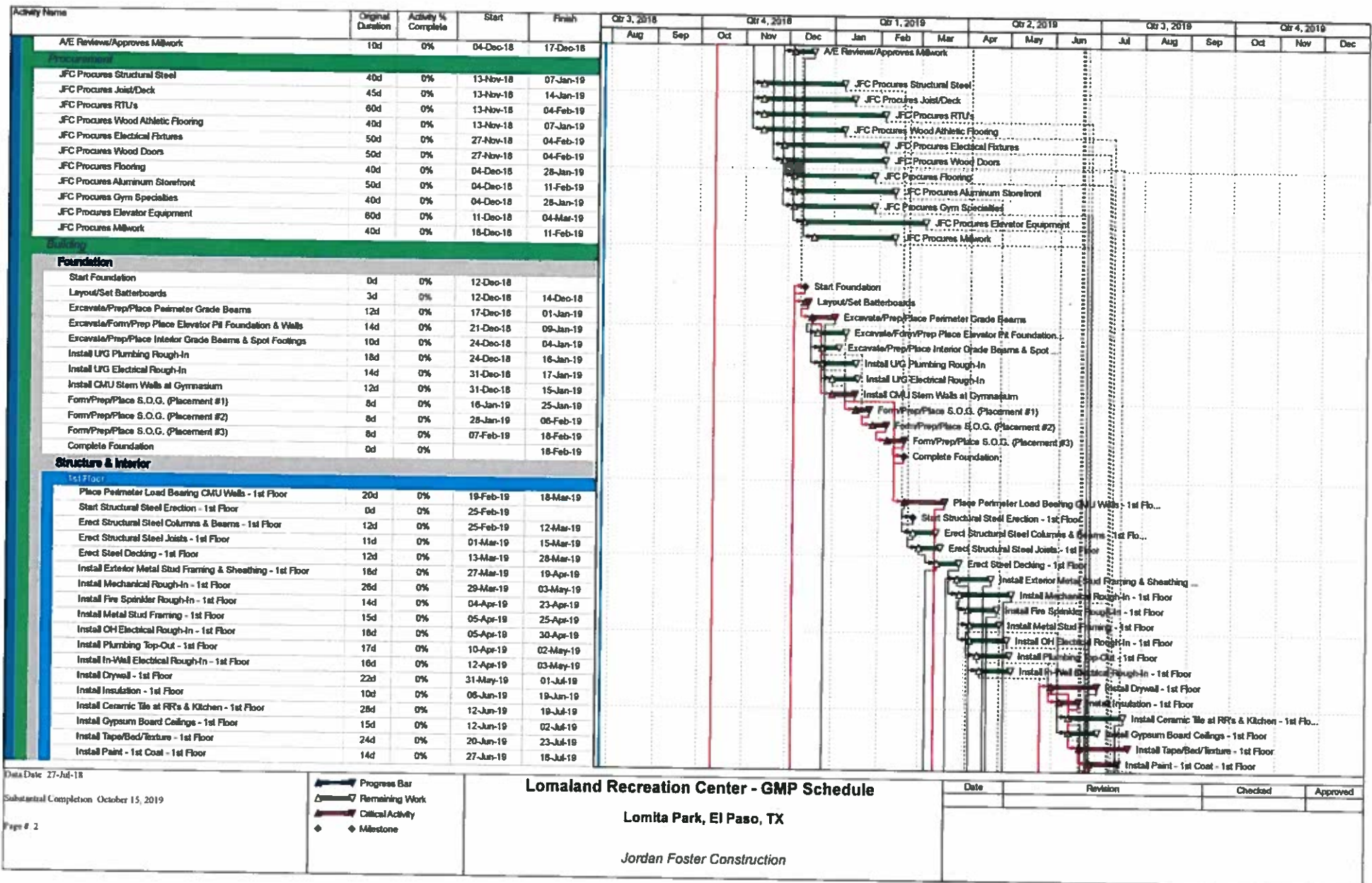
Chamizal Recreation Center - GMP Schedule

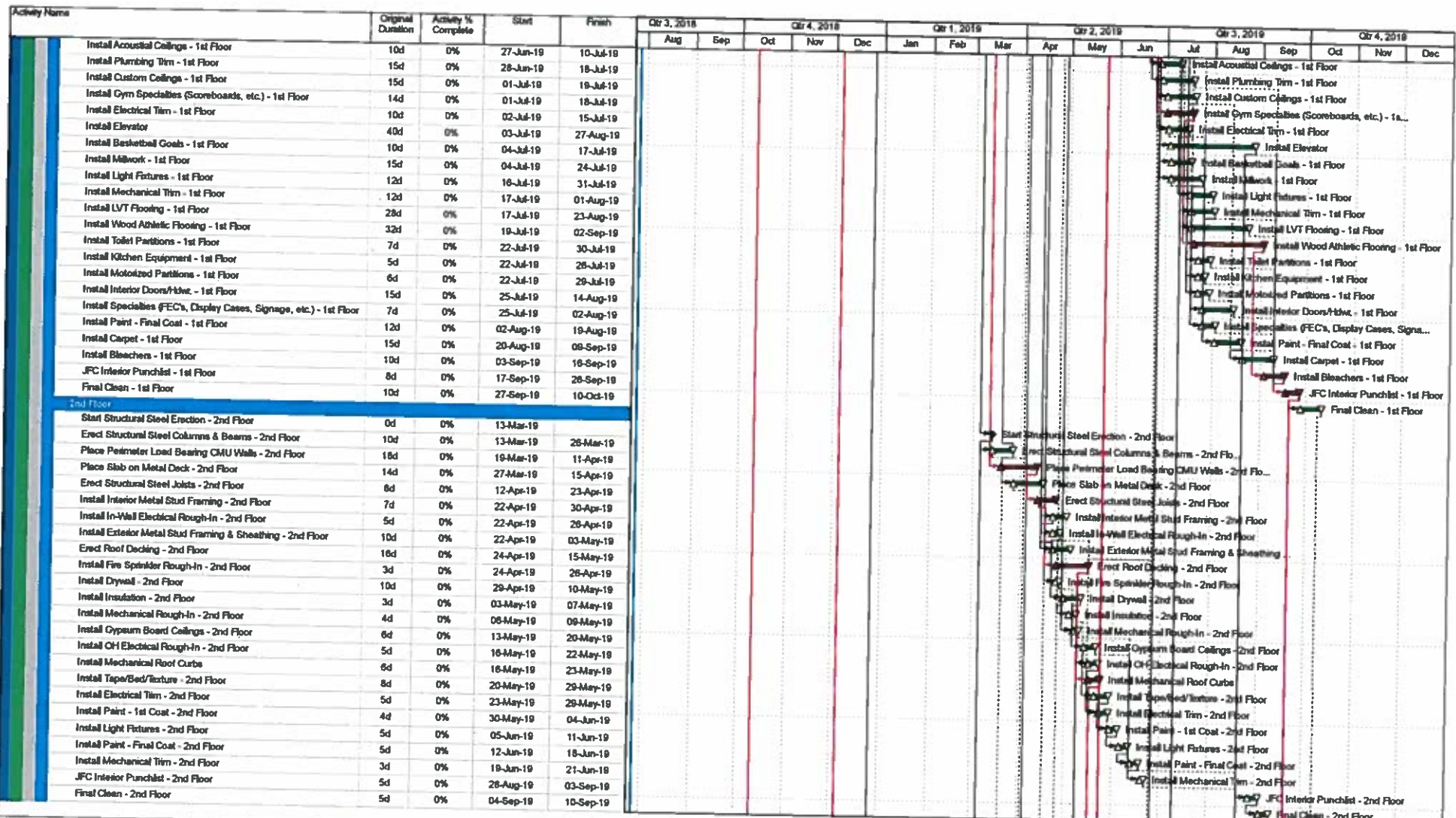
2101 Cypress Ave., El Paso, TX 79905

Jordan Foster Construction

Date	Revision	Checked	Approved
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Date: 27-Jul-19

Substantial Completion: October 15, 2019

Page: 3

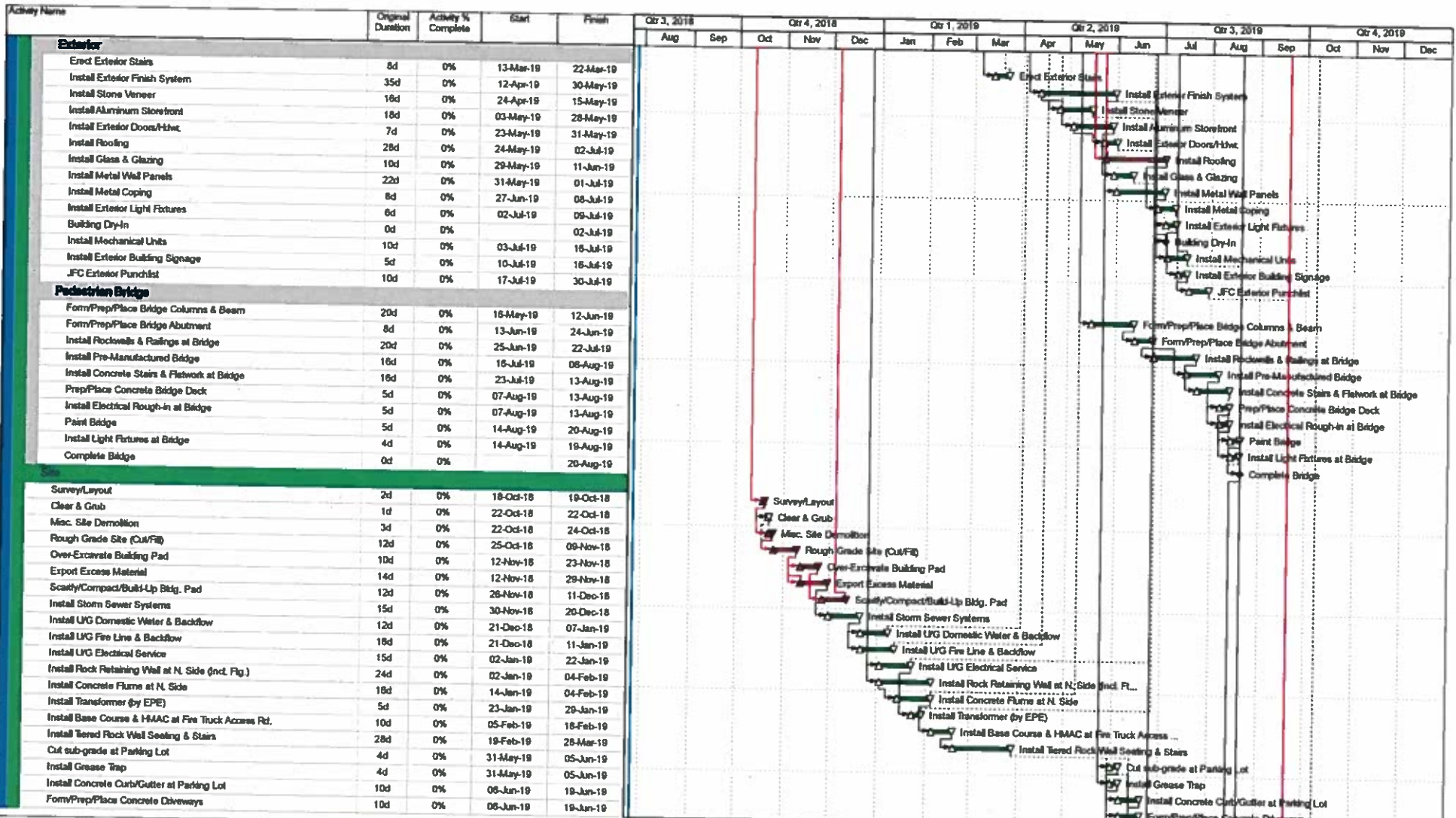
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- Remaining Work
- Critical Activity
- Milestone

Lomaland Recreation Center - GMP Schedule

Lomita Park, El Paso, TX

Jordan Foster Construction

Date	Revision	Checked	Approved



Date: 27-Jul-18

Substantial Completion: October 15, 2019

Page # 4

Progress Bar

Remaining Work

Critical Activity

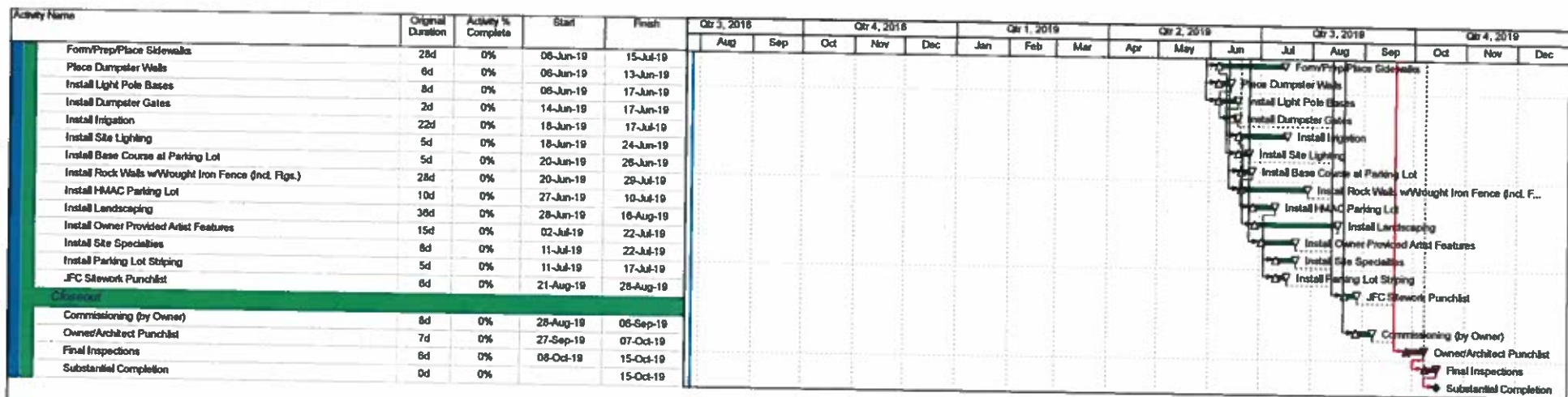
Milestone

Lomaland Recreation Center - GMP Schedule

Lomita Park, El Paso, TX

Jordan Foster Construction

Date	Revision	Checked	Approved



Data Date: 27-Jul-18

Substantial Completion: October 15, 2019

Page # 5

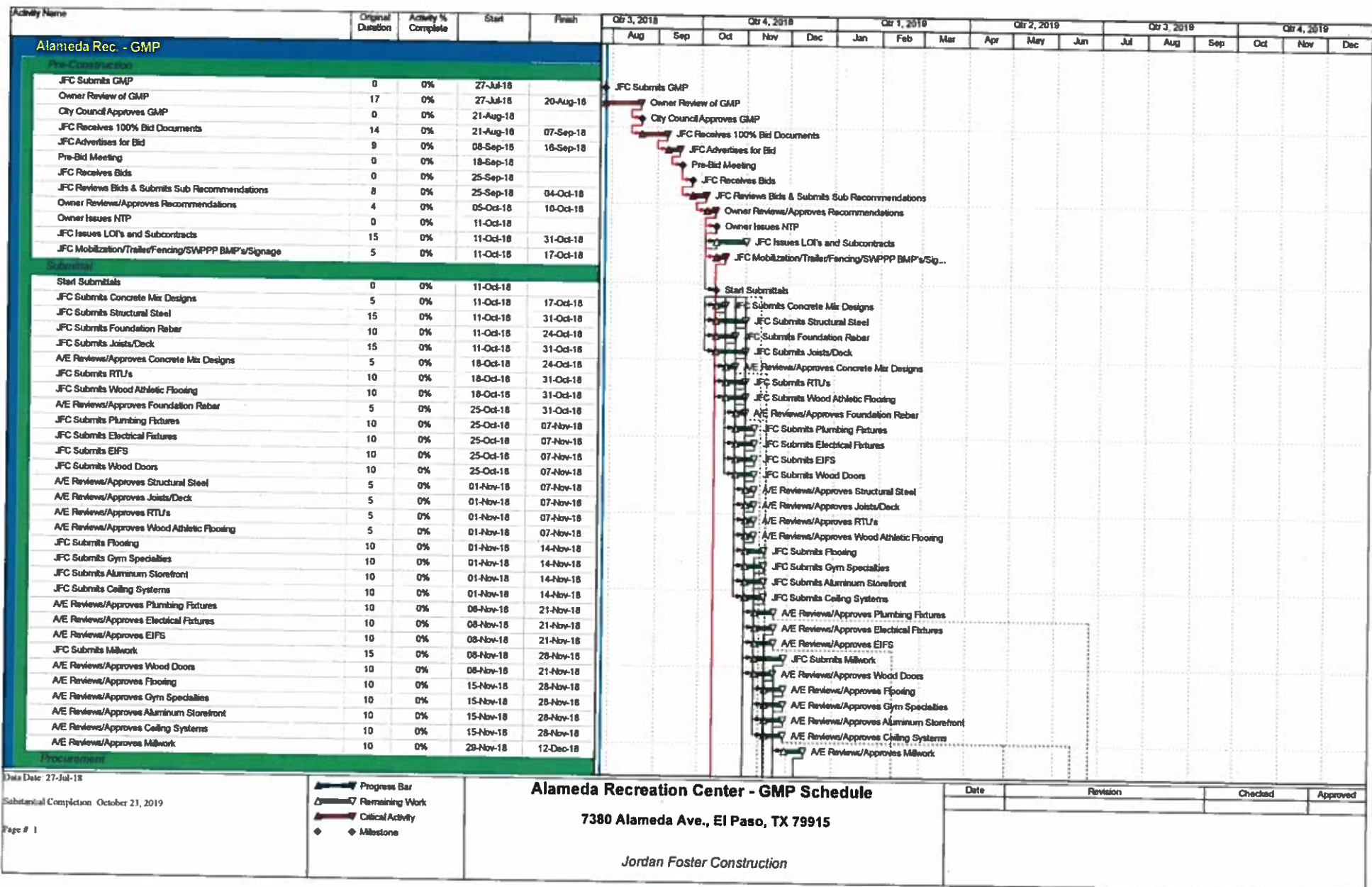
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- Remaining Work
- Critical Activity
- Milestone

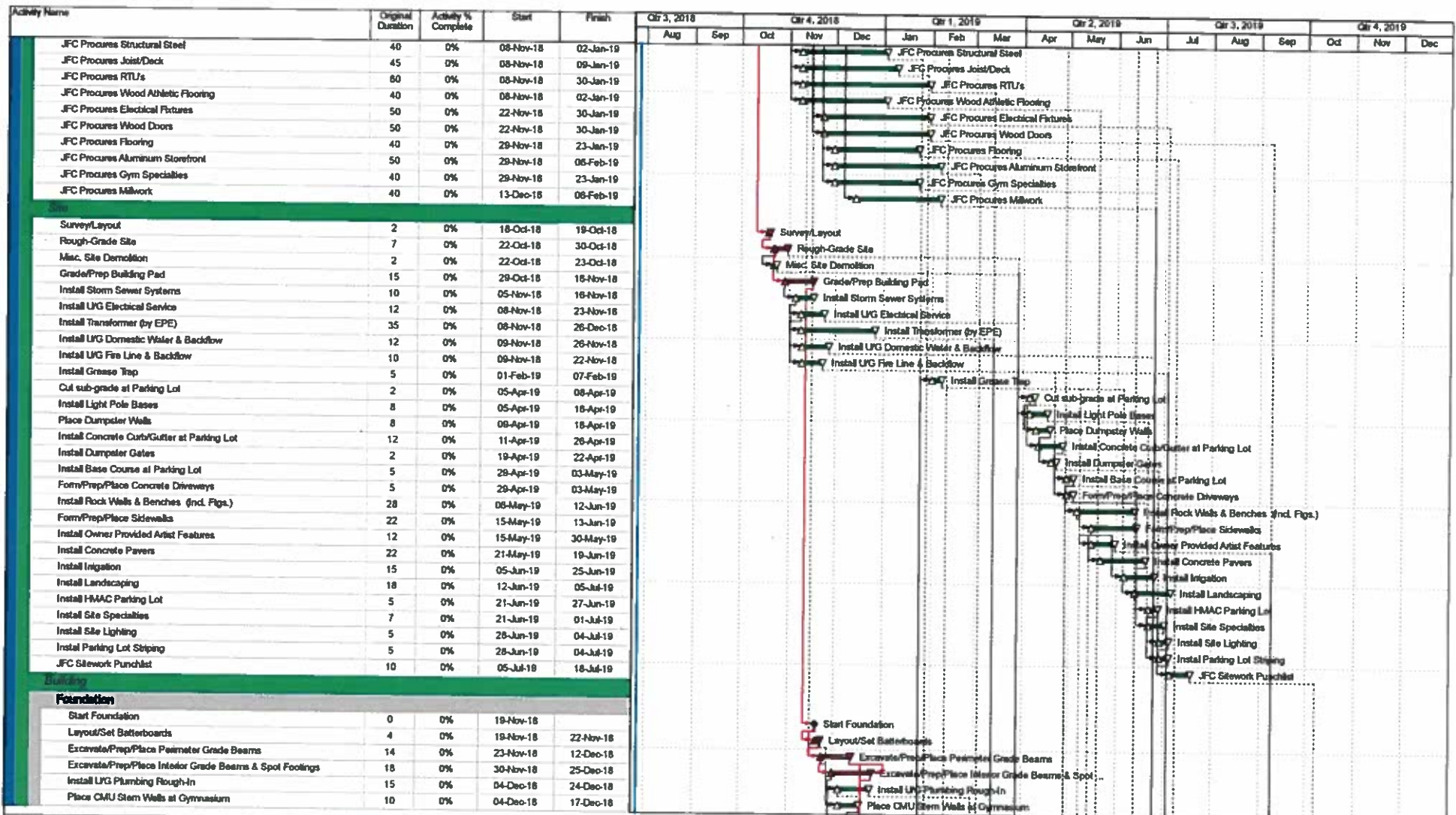
Lomaland Recreation Center - GMP Schedule

Lomita Park, El Paso, TX

Jordan Foster Construction

Date	Revision	Checked	Approved





Date: 27-Jul-18

Substantial Completion: October 23, 2019

Page # 2

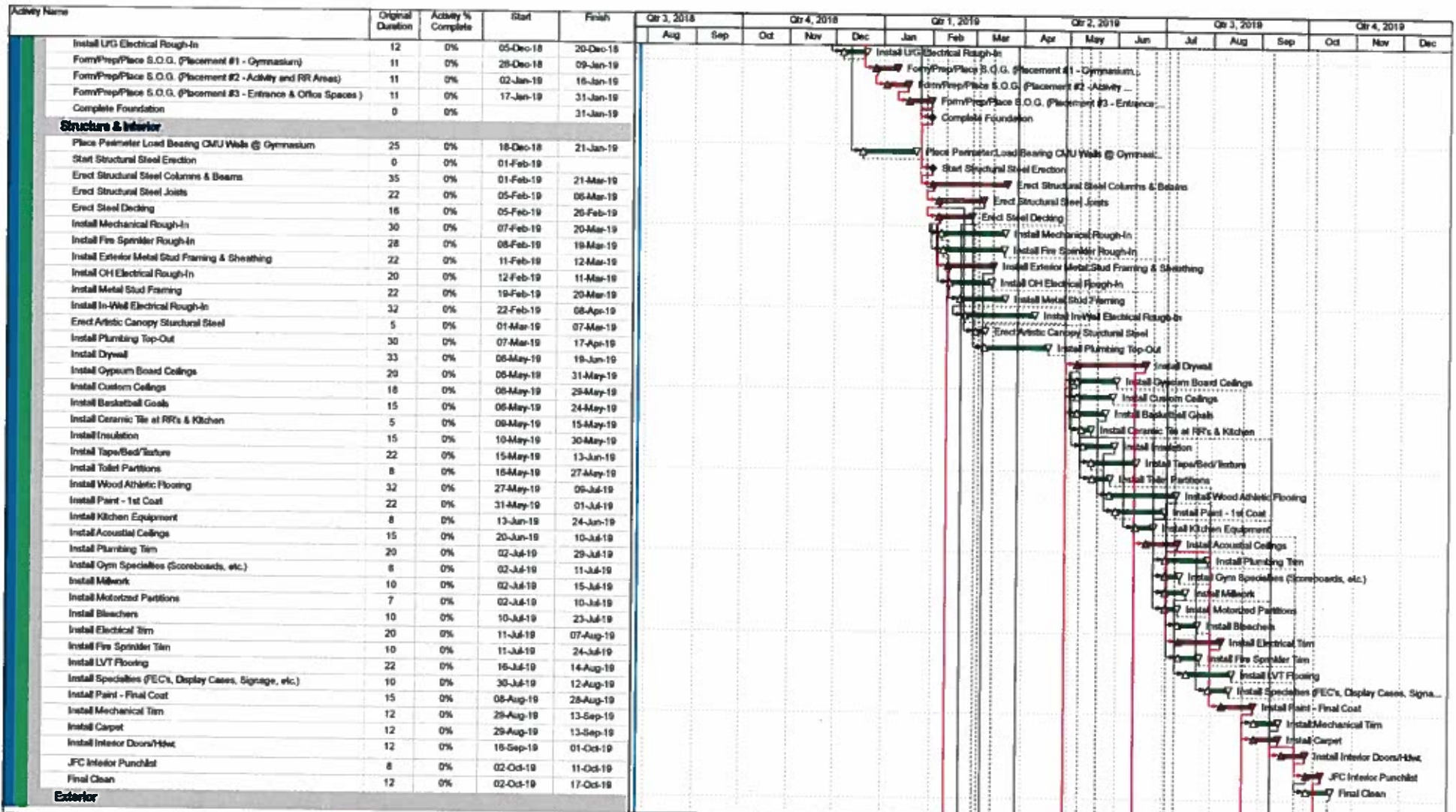
Progress Bar
 Remaining Work
 Critical Activity
 Milestone

Alameda Recreation Center - GMP Schedule

7380 Alameda Ave., El Paso, TX 79915

Jordan Foster Construction

Date	Revision	Checked	Approved
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Date Due: 27-Jul-18

Substantial Completion: October 23, 2019

Page # 3

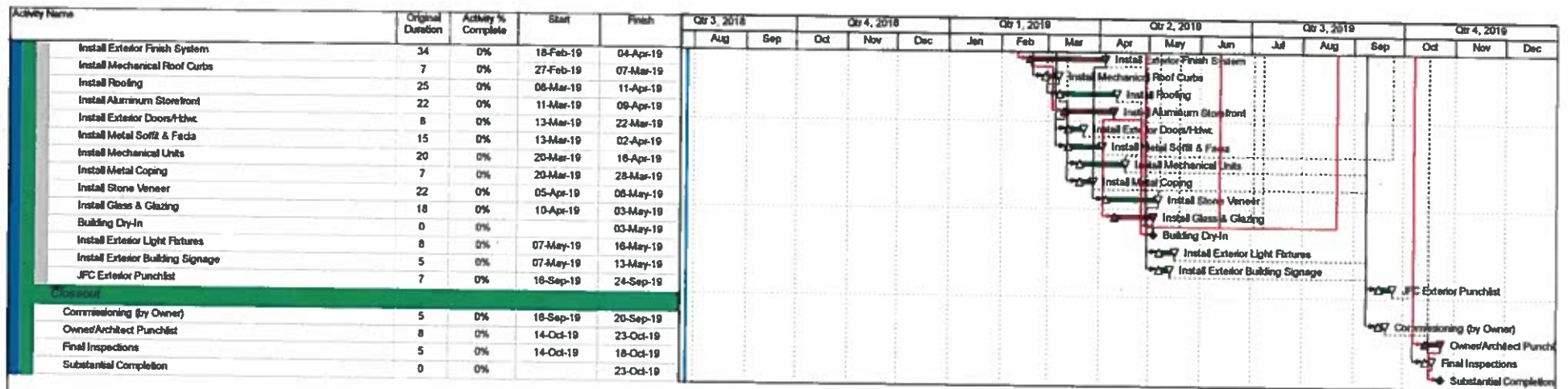
- █ Progress Bar
- █ Remaining Work
- █ Critical Activity
- ◆ Milestone

Alameda Recreation Center - GMP Schedule

7380 Alameda Ave., El Paso, TX 79915

Jordan Foster Construction

Date	Revision	Checked	Approved



Date: 27-Jul-18

Substantial Completion: October 23, 2019

Page # 4

Progress Bar
 Remaining Work
 Critical Activity
 Milestone

Alameda Recreation Center - GMP Schedule

7380 Alameda Ave., El Paso, TX 79915

Jordan Foster Construction

Date	Revision	Checked	Approved
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