

**ADDENDUM No. 3**

Date: October 31, 2016

City of Austin

Project Name: Gus Garcia District Park – Phase 3 Improvements

C.I.P. No. 6498.004 IFB No.: 6100 CLMC 613

This Addendum forms a part of the Contract and corrects or modifies original Bid Documents, dated September 26, 2016. Acknowledge receipt of this addendum in space provided on bid form. Failure to do so may subject bidder to disqualification.

**A. Project Manual Revisions:**

1. Invitation for Bids, Section 00020, replace with attached:

Delete –

**ALL BIDS ARE DUE PRIOR TO (Austin time) 11/3/16 at 9:30 a.m.**.

**ALL COMPLIANCE PLANS ARE DUE PRIOR TO (Austin time) 11/3/16 at 1:30 p.m.**

**BIDS WILL BE OPENED AT (Austin time) 11/3/16 at 1:30 p.m.**

Replace with –

**ALL BIDS ARE DUE PRIOR TO (Austin time) 11/8/16 at 9:30 a.m.**.

**ALL COMPLIANCE PLANS ARE DUE PRIOR TO (Austin time) 11/8/16 at 1:30 p.m.**

**BIDS WILL BE OPENED AT (Austin time) 11/8/16 at 1:30 p.m.**

2. Unit Price Bid Form, Section 00300U

Delete Unit Price Bid Form, Section 00300U, Addendum 1.

Replace with Unit Price Bid Form, Section 00300U, Addendum 3.

3. Table of Contents

Delete Table of Contents.

Replace with Table of Contents, Addendum 3.

4. Add Specification 622S Diversion Dike, Addendum 3.

**B. Drawing Revisions:**

1. Delete sheet C101A and replace with attached replacement sheet.
2. Delete sheet C302 and replace with attached replacement sheet.
3. Delete sheet C510 and replace with attached replacement sheet.
4. Delete sheet C520 and replace with attached replacement sheet.

This addendum consists of 25 page(s)/sheet(s).

**Ray Minjarez,**  
**A.I.A.**

Digitally signed by Ray Minjarez,  
A.I.A.  
Date: 2016.10.27 18:34:37 -05'00'

---

Approved by OWNER

---

Approved by ENGINEER/ARCHITECT

**END**



*Tina L. Walker, P.E.*  
*10/28/16*

**Bidding Requirements, Contract Forms and Conditions of the Contract**  
**INVITATION FOR BIDS**  
Section 00020

---

Following is a summary of information for this Project. Bidder is cautioned to refer to other sections of the Project Manual, Drawings and Addenda (Bid Documents) for further details.

The City of Austin, hereafter called OWNER, is requesting sealed written Bids for furnishing all labor, materials, equipment, supervision, and incidentals, and for performing all Work required for the following Project: Gus Garcia District Park Phase 3 Improvements

Located at: 1201 E Rundberg Ln.

CIP ID# 6498.004 IFB# 6100 CLMC 613

The Work consists of Phase 3 grounds improvements to include but not limited to new 100 stall parking addition, new open air pre-engineered steel Pavilion, new pre-cast restroom building, renovation of existing trails, new water quality pond and upgraded detention pond.

Bid Documents are obtained through the City's Vendor Connection website, log on [www.austintexas.gov/financeonline/vendor\\_connection/index.cfm](http://www.austintexas.gov/financeonline/vendor_connection/index.cfm). A complete set of Bid Documents, including all sections of the Project Manual and Drawings, are included in the attachments section of each solicitation.

All addenda and answers to Bidders questions will also be posted in the attachments section for each solicitation on the City's Vendor Connection website.

Sealed Bids will be received at the Capital Contracting Office, One Texas Center, 505 Barton Springs Rd., Suite 1045-C, Austin, Texas 78704 and then publicly opened and read aloud in the **SUITE 1045-C, Congress Conference Room.**

**ALL BIDS ARE DUE PRIOR TO (Austin time) 11/8/16 at 9:30 a.m.** .

**ALL COMPLIANCE PLANS ARE DUE PRIOR TO (Austin time) 11/8/16 at 1:30 p.m.**

**BIDS WILL BE OPENED AT (Austin time) 11/8/16 at 1:30 p.m.**

**ALL BIDS AND COMPLIANCE PLANS NOT RECEIVED PRIOR TO THE DATE AND TIME SET FORTH ABOVE WILL NOT BE ACCEPTED FOR CONSIDERATION.** The time stamp clock in **SUITE 1045-C** is the time of record and is verified with [www.time.gov](http://www.time.gov), the official U.S. time.

All CONTRACTORS must be registered to do business with OWNER prior to the Contract Award. All Subcontractors must be registered with the OWNER prior to execution of a contract. Prime Contractors are responsible for ensuring that their Subcontractors are registered as vendors with the City of Austin. Registration can be done through the OWNER's on-line Vendor Registration system. Log onto <https://www.ci.austin.tx.us/vss/Advantage> and follow the directions.

All City procurements are subject to the City's Minority-Owned and Women-Owned Business Enterprise Procurement Program found at Chapter 2-9-A of the City Code, as amended. The Program provides Minority-Owned and Women-Owned Business Enterprises (MBEs/WBEs) or Disadvantaged Business Enterprises (DBEs) full opportunity to participate in all City contracts. Goals for MBE/WBE or DBE participation are stated for each solicitation. Information on achieving the goals or documenting good faith efforts to achieve the goals are contained in the MBE/WBE Procurement Program Package or DBE Procurement Program Package attached to the solicitation. When goals are established, Bidders are required to complete and return the MBE/WBE or DBE Compliance Plan with their Bid. If a Compliance Plan is not submitted prior to the date and time set forth in the solicitation, the Bid will not be accepted for consideration. (See Section 00820 for MBE/WBE requirements on "no goal" solicitations.)

All Bids shall be accompanied by an acceptable Bid guaranty in an amount of not less than five percent (5%) of the total Bid, as specified in Section 00100, Instructions To Bidders.

Performance and payment bonds when required shall be executed on forms furnished by OWNER. Each bond shall be issued in an amount of one hundred percent (100%) of the Contract Amount by a solvent corporate surety company authorized to do business in the State of Texas, and shall meet any other requirements established by law or by OWNER pursuant to applicable law.

Minimum insurance requirements are specified in Section 00810, Supplemental General Conditions. Minimum wage rates have been established and are specified in Section 00830, Wage Rates and Payroll Reporting.

Contract Time is of the essence and all "Base Bid" Work shall be substantially completed within 180 Calendar Days after date specified in the Notice to Proceed, in accordance with the Bid Form, Section 00300. Substantial Completion shall be extended for alternate(s) that the owner accepts inclusive of "Base Bid" with a "Not to Exceed" substantial completion of 223 Calendar Days. Final completion shall be achieved within 30 Calendar Days after substantial completion. Liquidated damages are \$2,370.00 per Calendar Day for failure to substantially complete the work and \$1,070.00 per Calendar Day for failure to achieve final completion within 30 Calendar Days after substantial completion, in accordance with the Bid Form, Section 00300.

OWNER reserves the right to reject any or all Bids and to waive any minor informality in any Bid or solicitation procedure (a minor informality is one that does not affect the competitiveness of the Bid).

A mandatory Pre-Bid Conference will be held on 10/6/16 at 1:00 p.m.

(date) (time)

(Austin time) at One Texas Center, 505 Barton Springs Rd, - 8thFloor, Suite 805.  
(location)

Austin, Texas. Attendance is mandatory unless otherwise stated. Bidders must attend any mandatory Pre-Bid Conference and are encouraged to attend any non-mandatory Pre-Bid Conference to ensure their understanding of Owner's bidding and contracting requirements, particularly MBE/WBE Procurement Program requirements. If the Pre-Bid Conference is mandatory the Bidder must arrive and sign-in within fifteen (15) minutes of the scheduled start time of the meeting, otherwise the Bidder will not be allowed to submit a Bid for the project.

The persons listed below may be contacted for information regarding the Invitation for Bid. If the Bidder contacts any other City employee, including Council Members and members of Boards and Commissions, the Bidder may be found in violation of Ordinance No. 20111110-052, dated November 10, 2011, regarding Anti-Lobbying and Procurement. The text of that Ordinance may be viewed at <http://www.cityofaustin.org/edims/document.cfm?id=161145>.

**AUTHORIZED CONTACT PERSONS**

PROJECT MANAGER: Ray Minjarez, AIA telephone (512) 974-1618 email Raymundo.minjarez@austintexas.gov

CONTRACT COMPLIANCE REP.: Steve Cocke telephone (512) 974-7998 email steven.cocke@austintexas.gov

**END**

**Bidding Requirements, Contract Forms and Conditions of the Contract**  
**UNIT PRICE BID FORM**  
Section 00300U

---

The undersigned, in compliance with the Invitation for Bids for construction of the following Project: **CITY OF AUSTIN GUS GARCIA RECREATION CENTER PHASE 3 IMPROVEMENTS (CIP ID# 6498.004) (IFB# CLMC613)** for the City of Austin, Texas, having examined the Project Manual, Drawings and Addenda, the site of the proposed Work and being familiar with all of the conditions surrounding construction of the proposed Project, having conducted all inquiries, tests and investigations deemed necessary and proper; hereby proposes to furnish all labor, permits, material, machinery, tools, supplies and equipment, and incidentals, and to perform all Work required for construction of the Project in accordance with the Project Manual, Drawings and Addenda within the time indicated for the prices indicated in the UNIT PRICE BID FORM following this Section.

Note: The Bidder will enter the line item subtotal in the "Amount" column of the UNIT PRICE BID FORM following this Section, which is the product of the estimated "Quantity" multiplied by the "Unit Price". Any mathematical errors will be corrected for the purpose of determining the correct Amount to be entered in the UNIT PRICE BID FORM. The Amounts, including any corrected Amounts, will then be totaled to determine the actual amount of the Bid.

MINIMUM WAGES: Workers on Project shall be paid not less than wage rates, including fringe benefits, as published by the Department of Labor (DOL) for Building Construction and Heavy and Highway Trades "AS APPLICABLE" and/or the \$13.03 minimum Wage required by City of Austin Ordinance No. 20160324-015, whichever is higher. The Total Minimum Wage required can be met using any combination of cash and non-cash qualified fringe benefits provided the cash component meets or exceeds the \$13.03 minimum wage required.

In the event of a mathematical error, the correct product, determined by using the "Unit Price" and "Quantity", and the correct sum, determined by totaling the correct line item Amounts, will prevail over the amount entered by the Bidder. The unit prices shown in the UNIT PRICE BID FORM will be the unit prices used to tabulate the Bid and used in the Contract, if awarded by the City.

Notes:

- For information pertaining to Bid alternate prioritization, see Section 00820.
- For a more detailed explanation of Bid alternates, see Section 01030.

Optional Information on Bid Prices Submitted by Computer Printout

In lieu of handwritten unit prices in figures in ink on the UNIT PRICE BID FORM following this section, Bidders, at their option, may submit an original computer printout sheet bearing certification by, and signature for, the Bidding firm. The unit prices shown on acceptable printouts will be the unit prices used to tabulate the Bid and used in the Contract if awarded by the City. As a minimum, computer printouts must contain all information and in the format shown on the attached page: "Example of Bid Prices Submitted by Computer Printout" form.

If a computer printout is used, the Bidder must still execute that portion of the unit price Bid form which acknowledges the Bid Guaranty, Time of Completion, Liquidated Damages, and all addenda that may have been issued.

Bids with unit prices by computer printout may be rejected, if:

1. The computer printout does not include the required certification, set forth in the attached "Example".
2. The computer printout is not signed in the name of the firm to whom the Project Manual was issued.

3. The computer printout is non-responsive or otherwise omits required Bid items or includes items not shown on the Bid forms in the Project Manual.
4. The other required Bid documents issued by the City are not fully executed as provided above.
5. The signed Section 00300U is not returned with the signed computer printout.

If the Bid submitted by the Bidder contains both the form furnished by the City, completed according to the instructions, and also a computer printout, completed according to the instructions, unit prices of only one will be considered. In this situation, the unit Bid prices shown on the computer printout will be used to determine the Bid.

**BID GUARANTY:** A Bid guaranty must be enclosed with this Bid, as required in Section 00020, in the amount of not less than five percent (5%) of the total Bid. Following the Bid opening, submitted Bids may not be withdrawn for a period of 120 Calendar Days. Award of Contract will occur within this period, unless mutually agreed between the parties. The Bid guaranty may become the property of the OWNER, or the OWNER may pursue any other action allowed by law, if:

- Bidder withdraws a submitted Bid within the period stated above;
- Bidder fails to submit the required post Bid information within the period specified in Section 00020 or 00100, or any mutually agreed extension of that period;
- or Bidder fails to execute the Contract and furnish the prescribed documentation (bonds, insurance, etc.) needed to complete execution of the Contract within five (5) Working Days after notice of award, or any mutually agreed extension of that period.

**GEOTECHNICAL BASELINE ACKNOWLEDGEMENT:** The undersigned bidder certifies that he/she has read and understands the Geotechnical Baseline Report (GBR), the Geotechnical Data Report, the Reflection Survey Report, and all other geological and geotechnical information and data as provided in the Contract Documents, including all Addenda. **The Bidder acknowledges and agrees that the GBR represents the contractual statement of the subsurface conditions reasonably anticipated to be encountered during construction. The GBR will be used to evaluate whether subsurface conditions differ materially from those indicated in the GBR.**

**TIME OF COMPLETION:** The undersigned Bidder agrees to commence work on the date specified in the written "Notice to Proceed" to be issued by the OWNER and to substantially complete construction of the improvements, as required by the Project Manual, Drawings and Addenda for the "Base Bid" Work within one hundred eighty (180) Calendar Days." Substantial Completion shall be extended for alternate(s) that the owner accepts inclusive of "Base Bid" with a "Not to Exceed" substantial completion of 223 Calendar Days. The Bidder further agrees to reach Final Completion within thirty (30) Calendar Days after Substantial Completion as required by the Project Manual, Drawings and Addenda for the work. The Bidder further agrees that should the Bidder fail to substantially complete the Work or to finally complete the Work within the number of days indicated in the Bid or as subsequently adjusted, Bidder shall pay the liquidated damages for each consecutive day thereafter as provided below; unless the OWNER elects to pursue any other action allowed by law.

**WAIVER OF ATTORNEY FEES:** In submitting its bid, in consideration for the waiver of its right to attorney's fees by the OWNER, the Bidder knowingly and intentionally agrees to and shall waive the right to attorney's fees under Section 271.153 of the Texas Local Government Code in any administrative proceeding, alternative dispute resolution proceeding, or litigation arising out of or connected to any Contract awarded pursuant to this solicitation process.

**LIQUIDATED DAMAGES:** The Bidder understands and agrees that the timely completion of the described Work is of the essence. The Bidder and OWNER further agree that the OWNER's actual damages for delay caused by failure to timely complete the Project are difficult, if not impossible to measure. However, with respect to the additional administrative and consultant costs to be

incurred by OWNER, the reasonable estimate of such damages has been calculated and agreed to by OWNER and Bidder. Therefore, the Bidder and the OWNER agree that for each and every Calendar Day the Work or any portion thereof, remains incomplete after the Substantial Completion date as established by the above paragraph, "Time of Completion", payment will be due to the Owner in the amount of two thousand three hundred seventy dollars (\$2,370) per Calendar Day as liquidated damages, not as a penalty, but for delay damages to the OWNER. The Bidder and the OWNER further agree that for each and every Calendar Day the Work or any portion thereof, remains incomplete after the Final date as established by the above paragraph, "Time of Completion", payment will be due to the OWNER in the amount of one thousand seventy dollars (\$1,070) per Calendar Day as liquidated damages, not as a penalty, but for delay damages to the OWNER. Such amount shall be deducted by the OWNER from any Contract payment due. In the event of a default or breach by the CONTRACTOR and demand is made upon the surety to complete the project, in accordance with the Contract Documents, the surety shall be liable for liquidated damages pursuant to the Contract Documents in the same manner as the CONTRACTOR would have been.

OWNER reserves the right to reject any or all Bids and to waive any minor informality in any Bid or solicitation procedure (a minor informality is one that does not affect the competitiveness of the Bids).

The undersigned acknowledges receipt of the following addenda:

- Addendum No. 1 dated \_\_\_\_\_ Received \_\_\_\_\_
- Addendum No. 2 dated \_\_\_\_\_ Received \_\_\_\_\_
- Addendum No. 3 dated \_\_\_\_\_ Received \_\_\_\_\_
- Addendum No. 4 dated \_\_\_\_\_ Received \_\_\_\_\_
- Addendum No. 5 dated \_\_\_\_\_ Received \_\_\_\_\_

**BID DOCUMENT EXECUTION AND ACKNOWLEDGEMENT:**

The undersigned Bidder certifies that he/she has read and understands the Section 00020 Invitation for Bids, the Section 00100 Instructions to Bidders, and all other requirements applicable to the bidding process provided in the Bid and Contract Documents.

Bidder will initial each of the blanks set forth below to represent and certify that the Bidder has completed, executed, and enclosed the corresponding supplemental Bid Documents with its Bid.

**Bidder acknowledges and agrees by its signature below that in addition to any signatures required to be set forth in the following supplemental Bid Documents, Bidder is bound to the terms and conditions of each of the following documents, which are incorporated herein by reference:**

\_\_\_\_\_ 00425A Insurance Cost Form (ROCIP projects only)

\_\_\_\_\_ 00440 Affidavit - Prohibited Activities

\_\_\_\_\_ 00475 Nonresident Bidder Provisions

\_\_\_\_\_ 00630 Non-Discrimination and Non-Retaliation Certificate

**(NOTE: THIS FORM MUST STILL BE SEPARATELY SIGNED AND PROPERLY NOTARIZED)**

\_\_\_\_\_ MBE/WBE Compliance Document

Secretary, \*if Bidder is a Corporation

Bidder

(Seal)

Authorized Signature

Title

Date

Address

Telephone Number / FAX Number

Email Address for Person Signing Bid

Email Address for Bidder's Primary Contact Person

\* Copy of Corporate Resolution and minutes with certificate of officer of Bidder as to authority of signatory to bind Bidder is to be signed and dated no earlier than one week before Bid date, and attached to this document.

EXAMPLE: BID PRICES SUBMITTED BY COMPUTER PRINTOUT

<b>Project Name:</b>
<b>CIP ID #:</b>
<b>IFB #:</b>

Bid Item #	Bid Item Description	Unit	Qty	Unit Bid Price	Total Amount
<b>Total Bid:</b>					

(YOUR FIRM'S NAME) certifies that the unit prices shown on this completed computer printout for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its Bid will be tabulated using these unit prices and no other information from this printout. (YOUR FIRM'S NAME) acknowledges and agrees that the total bid amount shown will be read as its total bid. *In the event of a mathematical error*, the correct product, determined by using the "Unit Price" and "Quantity", and the correct sum, determined by totaling the correct line item Amounts, will prevail over the amount entered by the Bidder.

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**End**

**Bidding Requirements, Contract Forms, and Conditions of the Contract**

UNIT PRICE BID FORM  
Section 00300U

PROJECT NAME: Gus Garcia District Park Phase 3 Improvements  
 CIPID#: 6498.004  
 IFB#: CLMC613

BID ITEM #	BID ITEM DESCRIPTION	UNIT	QTY	UNIT BID PRICE	TOTAL AMOUNT
102S- A	CLEARING AND GRUBBING	AC	3	\$	\$
104S-A	REMOVE P. C. CONCRETE CURB	LF	138	\$	\$
110S- A	STREET EXCAVATION	CY	382	\$	\$
111S- A	EXCAVATION	CY	3,805	\$	\$
132S- A	EMBANKMENT	CY	4,735	\$	\$
210S- A	FLEXIBLE BASE	CY	882	\$	\$
340S- B	HOT MIX ASPHALTIC CONCRETE PAVEMENT, 2 INCHES, TYPE D,	SY	3,389	\$	\$
403S- EA	CONCRETE FOR STRUCTURES, SPLITTER BOX	EA	1	\$	\$
430S- A	P.C. CONCRETE CURB & GUTTER	LF	1,920	\$	\$
432S-4	PORTLAND CEMENT CONCRETE SIDEWALKS, 4" THK	SF	3,870	\$	\$
SP-504S-5LC	ADJUSTING STRUCTURES, EXISTING litter coffin	EA	1	\$	\$
506S- JSD 3x3	JUNCTION BOX, 3 FT. x 3 FT.	EA	1	\$	\$
506S- JSD 4x4	JUNCTION BOX, 4 FT. x 4 FT.	EA	1	\$	\$
508S-H	HEADWALL, 8" PVC PIPE	EA	1	\$	\$
508S- I10S	MISCELLANEOUS STRUCTURES AND APPURTENANCES, 10' CURB INLET	EA	2	\$	\$
508S-IG	4 X 4 GRATE INLET	EA	1	\$	\$
509S-1	TRENCH EXCAVATION SAFETY PROTECTIVE SYSTEMS (ALL DEPTHS)	LF	343	\$	\$
510- ASD8	PIPE, 8" PVC (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	LF	38	\$	\$
510- ASD12	PIPE, 12" RCP (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	LF	74	\$	\$
510- ASD18	PIPE, 18" RCP (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	LF	108	\$	\$
510- ASD24	PIPE, 24" RCP (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	LF	123	\$	\$
510- AW4	PIPE, PVC C900 (4in) IRRIGATION LINE, (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	LF	340	\$	\$
602S-B	ST AUGUSTINE BLOCK SODDING	SY	335	\$	\$

**Bidding Requirements, Contract Forms, and Conditions of the Contract**

UNIT PRICE BID FORM  
Section 00300U

PROJECT NAME: Gus Garcia District Park Phase 3 Improvements  
 CIPID#: 6498.004  
 IFB#: CLMC613

BID ITEM #	BID ITEM DESCRIPTION	UNIT	QTY	UNIT BID PRICE	TOTAL AMOUNT
604S-A	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD, B HYDRAULIC PLANTING	SY	9,309	\$	\$
604S-G	MULCH,SHREDDED BRUSH	SY	49	\$	\$
608S-1	PLANTING, 3" CAL TREE (CEDAR ELM)	EA	8	\$	\$
608S-1	PLANTING, 3" CAL TREE (LIVE OAK)	EA	11	\$	\$
608S-1	PLANTING, 3" CAL TREE (TEXAS PERSIMMON)	EA	4	\$	\$
608S-1	PLANTING, 3" CAL TREE (YAUPON)	EA	5	\$	\$
608S-1LB-1	PLANTING -LITTLE BLUESTEM – 1 GAL.	EA	56	\$	\$
608S-1BB-5	PLANTING -BUSHY BLUESTEM – 5 GAL.	EA	9	\$	\$
608S-1MS-1	PLANTING -MAXIMILLION SUNFLOWER – 1 GAL.	EA	14	\$	\$
608S-1IG-5	PLANTING -INDIAN GRASS – 5 GAL.	EA	22	\$	\$
608S-1SG-5	PLANTING -SWITCH GRASS – 5 GAL.	EA	25	\$	\$
609S-F	WATERING	PER AC	2.05	\$	\$
610S-A	PROTECTIVE FENCING TYPE A CHAIN LINK FENCE (TYPICAL APPLICATION - HGH DAMAGE POTENTIAL)	LF	280	\$	\$
628S-B	SEDIMENT CONTAINMENT DIKE WITH FILTER FABRIC	LF	20	\$	\$
639S	ROCK BERM	LF	72	\$	\$
640S	MORTARED ROCK WALL	SF	2645	\$	\$
641S	STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$	\$
642S	SILT FENCE FOR EROSION CONTROL	LF	160	\$	\$
648S	MULCH SOCK	LF	1,500	\$	\$
660S	BIOFILTRATION MEDIA	CY	470	\$	\$
700S-TM	MOBILIZATION – 4%	LS	1	\$	\$
701S-T	TEMPORARY FENCING, 8 FOOT HIGH CHAIN LINK TYPE	LF	470	\$	\$
802S-AC.I.P.	PROJECT SIGNS	LS	1	\$	\$

**Bidding Requirements, Contract Forms, and Conditions of the Contract**

UNIT PRICE BID FORM  
Section 00300U

PROJECT NAME: Gus Garcia District Park Phase 3 Improvements  
 CIPID#: 6498.004  
 IFB#: CLMC613

BID ITEM #	BID ITEM DESCRIPTION	UNIT	QTY	UNIT BID PRICE	TOTAL AMOUNT
824S	TRAFFIC SIGNS	EA	4	\$	\$
860S-A-4SW	PAVEMENT MARKING PAINT, 4 INCHES	LF	2,461	\$	\$
875S-A4A	PAVEMENT SURFACE PREPARATION FOR MARKINGS, 4 INCHES IN WIDTH, FOR ASPHALTIC PAVEMENT	LF	2,461	\$	\$
1301S-B	GRANITE GRAVEL HIKE AND BIKE TRAIL	SY	316	\$	\$
16120S	WIRING	LS	1	\$	\$
16550S	STREET LIGHT STANDARD FOUNDATIONS	EA	10	\$	\$
SS-265601-A	LIGHTING FIXTURE-P1	EA	8	\$	\$
SS-265601-B	LIGHTING FIXTURE-P2	EA	2	\$	\$
SS-328400	LANDSCAPE IRRIGATION SYSTEM	LS	1	\$	\$
<b>BASE BID</b>					\$

**PRIORITY 1 - ALTERNATE 3 (PICNIC PAVILION)**

102S-A3	CLEARING AND GRUBBING	AC	0.04	\$	\$
401S-A	UNCLASSIFIED STRUCTURAL EXCAVATION, PLAN QUANTITY	CY	84	\$	\$
403S-CY	CONCRETE FOR STRUCTURES	CY	27	\$	\$
420S-A18	DRILLED SHAFT	LF	90	\$	\$
480S-RS	RECONSTRUCT CONCRETE PAVER SIDEWALK, INCLUDING REMOVAL OF EXISTING SIDEWALK.	SF	641	\$	\$
602S-B3	ST AUGUSTINE BLOCK SODDING	SY	144	\$	\$
609S-F3	WATERING	PER AC	0.04	\$	\$
610S-A3	PROTECTIVE FENCING TYPE A CHAIN LINK FENCE (TYPICAL APPLICATION - HGH DAMAGE POTENTIAL)	LF	755	\$	\$
628S-B3	SEDIMENT CONTAINMENT DIKE WITH FILTER FABRIC	LF	20	\$	\$
648S3	MULCH SOCK	LF	405	\$	\$
700S-TM3	MOBILIZATION – 4%	LS	1	\$	\$
SS- 133419-A	METAL BUILDING SYSTEMS	EA	1	\$	\$
SS- 260500-A3	MISCELLANEOUS ELECTRICAL EQUIPMENT	LS	1	\$	\$

**Bidding Requirements, Contract Forms, and Conditions of the Contract**

UNIT PRICE BID FORM  
Section 00300U

PROJECT NAME: Gus Garcia District Park Phase 3 Improvements  
 CIPID#: 6498.004  
 IFB#: CLMC613

BID ITEM #	BID ITEM DESCRIPTION	UNIT	QTY	UNIT BID PRICE	TOTAL AMOUNT
SS- 260519-A3	INSULATED COPPER CONDUCTORS	LF	130	\$	\$
SS- 260529-A3	HANGERS AND SUPPORTS	LS	1	\$	\$
SS- 260533-A3	RIGID NON-METALLIC CONDUIT	LF	130	\$	\$
SS- 260533-B3	RIGID METALLIC CONDUIT	LF	10	\$	\$
SS- 260533-D3	PULL BOXES	EA	1	\$	\$
SS- 265601-C	PAVILION FIXTURES-P3	EA	4	\$	\$
<b>ALTERNATE 3 AMOUNT</b>					\$

**PRIORITY 2 - ALTERNATE 2 (TRAIL RECONSTRUCTION AND DRAINAGE SWALE)**

102S-A2	CLEARING AND GRUBBING	AC	0.04	\$	\$
604S-A2	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD, B HYDRAULIC PLANTING	SY	186	\$	\$
609S-F2	WATERING	PER AC	0.04	\$	\$
610S-A2	PROTECTIVE FENCING TYPE A CHAIN LINK FENCE (TYPICAL APPLICATION - HGH DAMAGE POTENTIAL)	LF	320	\$	\$
640S-2	MORTARED ROCK WALL	SF	120	\$	\$
642S2	SILT FENCE FOR EROSION CONTROL	LF	769	\$	\$
648S-2	MULCH SOCK	LF	470	\$	\$
700S-TM2	MOBILIZATION – 4%	LS	1	\$	\$
1301S-B2	GRANITE GRAVEL HIKE AND BIKE TRAIL	SY	372	\$	\$
<b>ALTERNATE 2 AMOUNT</b>					\$

**PRIORITY 3 - ALTERNATE 1 (PRE-CAST RESTROOM BUILDING)**

102S-A1	CLEARING AND GRUBBING	AC	0.83	\$	\$
432S-4-1	PORTLAND CEMENT CONCRETE SIDEWALKS, 4" THICK	SF	610	\$	\$
480S-RS1	RECONSTRUCT CONCRETE PAVER SIDEWALK, INCLUDING REMOVAL OF EXISTING SIDEWALK.	SF	420	\$	\$
506S-M1WW48	STANDARD PRE-CAST MANHOLE W/ CIP BASE , 48" DIA.	EA	2	\$	\$
<b>508S-H</b>	<b>HEADWALL, 12" PVC PIPE</b>	<b>EA</b>	<b>4</b>	\$	\$

**Bidding Requirements, Contract Forms, and Conditions of the Contract**

UNIT PRICE BID FORM  
Section 00300U

PROJECT NAME: Gus Garcia District Park Phase 3 Improvements  
 CIPID#: 6498.004  
 IFB#: CLMC613

BID ITEM #	BID ITEM DESCRIPTION	UNIT	QTY	UNIT BID PRICE	TOTAL AMOUNT
SP-508S-FD	FLOOR DRAIN	EA	5	\$	\$
509S-1-1	TRENCH EXCAVATION SAFETY PROTECTIVE SYSTEMS (ALL DEPTHS)	LF	374	\$	\$
<b>510- ASD12</b>	<b>PIPE, 12" PVC (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL</b>	<b>LF</b>	<b>105</b>	\$	\$
510-AW1K	PIPE, COPPER TUBE (1in) , (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	LF	200	\$	\$
510-AW2	PIPE, PVC C900 (2in), (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	LF	743	\$	\$
510-AW3	PIPE, PVC C900 (3in), (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	LF	200	\$	\$
510- AWW6	<b>PIPE, SCHEDULE 40 PVC (6 IN)</b>	LF	374	\$	\$
510-JW4	PIPE, WET CONNECTIONS 4" DIA. x 2" DIA	EA	1	\$	\$
511S-A	WATER VALVES, 4" GATE	EA	1	\$	\$
511S-C	WATER VALVES, 4" BACKFLOW PREVENTER	EA	1	\$	\$
604S-A1	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD,B HYDRAULIC PLANTING	SY	1,067	\$	\$
609S-F1	WATERING	PER AC	0.78	\$	\$
610S-A1	PROTECTIVE FENCING TYPE A CHAIN LINK FENCE (TYPICAL APPLICATION - HGH DAMAGE POTENTIAL)	LF	410	\$	\$
623S	DRY STACK ROCK WALL	SF	80	\$	\$
<b>622S-B</b>	<b>DIVERSION DIKE, PERMANENT</b>	LF	600	\$	\$
639S-1	ROCK BERM	LF	72	\$	\$
648S-1	MULCH SOCK	LF	250	\$	\$
700S-TM1	MOBILIZATION – 4%	LS	1	\$	\$
1301S-B1	GRANITE GRAVEL HIKE AND BIKE TRAIL	SY	204	\$	\$
SS- 003430-A	PLANT PRECAST ARCHITECTURAL CONCRETE	EA	1	\$	\$
SS- 260500-A	MISCELLANEOUS ELECTRICAL EQUIPMENT	LS	1	\$	\$
SS- 260519-A	INSULATED COPPER CONDUCTORS	LF	278	\$	\$

**Bidding Requirements, Contract Forms, and Conditions of the Contract**

UNIT PRICE BID FORM  
Section 00300U

PROJECT NAME: Gus Garcia District Park Phase 3 Improvements  
 CIPID#: 6498.004  
 IFB#: CLMC613

BID ITEM #	BID ITEM DESCRIPTION	UNIT	QTY	UNIT BID PRICE	TOTAL AMOUNT
SS- 260526-A	COPPER GROUND ROD	EA	1	\$	\$
SS- 260526-B	GROUND ROD CLAMP	EA	1	\$	\$
SS- 260526-C	SOLID COPPER GROUND WIRE	LF	10	\$	\$
SS- 260526-D	COPPER GROUNDING CONDUCTOR	LF	100	\$	\$
SS- 260529-A	HANGERS AND SUPPORTS	LS	1	\$	\$
SS- 260533-A	RIGID NON-METALLIC CONDUIT	LF	278	\$	\$
SS- 260533-B	RIGID METALLIC CONDUIT	LF	10	\$	\$
SS- 260533-C	ELECTRICAL METALLIC TUBING	LF	20	\$	\$
SS- 260533-D	PULL BOXES	EA	1	\$	\$
SS- 262416-A	MOLDED CASE CIRCUIT BREAKERS	EA	1	\$	\$
<b>ALTERNATE 1 AMOUNT</b>					\$

<b>BASE BID</b>	\$
<b>PRIORITY 1 - ALTERNATE 3</b>	\$
<b>PRIORITY 2 - ALTERNATE 2</b>	\$
<b>PRIORITY 3 - ALTERNATE 1</b>	\$

**TOTAL BID (BASE BID PLUS ALTERNATES)** \$

(YOUR FIRM'S NAME) certifies that the unit prices shown on this completed computer printout for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its Bid will be tabulated using these unit prices and no other information from this printout. (YOUR FIRM'S NAME) acknowledges and agrees that the total bid amount shown will be read as its total bid. In the event of a mathematical error, the correct product, determined by using the "Unit Price" and "Quantity", and the correct sum, determined by totaling the correct line item Amounts, will prevail over the amount entered by the Bidder.

Signed: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

END

**Document  
Number**

**Title**

---

**VOLUME 1**

**INTRODUCTORY INFORMATION**

05/06/11 Title Page  
09/06/16 Table of Contents

**BIDDING REQUIREMENTS, CONTRACT FORMS, & CONDITIONS OF THE CONTRACT**

**Pre-Bid Information**

00020 09/06/16 Invitation for Bids

**Instructions to Bidders**

00100 09/06/16 Instructions to Bidders

**Information Available to Bidders**

00220 05/06/11 Geotechnical Data

**Bid Forms**

00300U 06/01/16 Bid Form (Unit Price)

**Supplements to Bid Forms**

00400 06/01/16 Statement of Bidder's Experience  
00405 09/25/05 Certificate of Non-Suspension or Debarment  
00410 01/15/16 Statement of Bidder's Safety Experience  
00440 10/19/15 Affidavit - Prohibited Activities  
00475 05/11/15 Nonresident Bidder Provisions

**Agreement Form**

00500 1/15/16 Agreement

**Bonds and Certificates**

00610 02/23/10 Performance Bond  
00620 02/23/10 Payment Bond  
00630 05/11/15 Nondiscrimination Certificate  
00631 03/06/14 Title VI Assurances Appendix A  
00650 06/01/16 Certificate of Insurance  
00670 03/20/14 Sales Tax Exemption Certificate  
00680 06/05/06 Non-Use of Asbestos Affidavit (Prior to Construction)  
00681 06/05/06 Non-Use of Asbestos Affidavit (After Construction)

**General Conditions**

00700 09/06/16 General Conditions

**Supplementary Conditions**

---

<b>Document Number</b>	<b>Title</b>
------------------------	--------------

---

00810	09/06/16	Supplemental General Conditions
00820	09/06/16	Modifications to Bidding Requirements and Contract Forms
00830	05/03/16	Wage Rates and Payroll Reporting
00830HH	05/03/16	Wage Rates Heavy and Highway Construction Trades

**Addenda**

00900	01/15/16	Addendum
-------	----------	----------

**SPECIFICATIONS****Division 1 - General Requirements**

01010	04/22/13	Summary of Work
01030	09/06/16	Alternates
01050	10/19/15	Grades Lines & Levels
01095	07/21/03	Reference Standards and Definitions
01096	05/06/11	Stormwater Pollution Prevention Plan (SWPPP)
01200	08/09/12	Project Meetings
01300	04/22/13	Submittals
01352	04/22/13	Sustainable Construction Requirements
01353	08/09/12	Construction Equipment Emissions Reduction Plan
01380	08/09/12	Construction Photography & Videos
01500	08/09/12	Temporary Facilities
01505	04/22/13	Construction and Demolition Waste Management
01550	08/09/12	Public Safety and Convenience
01900	03/12/12	Prohibition of Asbestos Containing Materials
01900a	06/05/06	Statement of Non-Inclusion of Asbestos Containing Material (E/A Prior to Design)
01900b	06/05/06	Statement of Non-Inclusion of Asbestos Containing Material (E/A After Design)

**City Standard Technical Specifications**

102S	08/20/07	Clearing & Grubbing
104S	09/26/12	Removing Portland Cement Concrete
110S	11/18/04	Street Excavation
111S	09/26/12	Excavation
130S	09/26/12	Borrow
132S	08/20/07	Embankment
201S	08/20/07	Subgrade Preparation
210S	02/24/10	Flexible Base
220S	02/24/10	Sprinkling for Dust Control
230S	08/20/07	Rolling (Flat Wheel)
232S	08/20/07	Rolling (Pneumatic Tire)
234S	08/20/07	Rolling (Tamping)
236S	08/20/07	Rolling (Proof)
301S	08/20/07	Asphalts, Oils, and Emulsions
306S	02/24/10	Prime Coat
340S	09/26/12	Hot Mix Asphaltic Concrete Pavement
360S	09/26/12	Concrete Pavement
401S	09/26/12	Structural Excavation and Backfill
403S	09/26/12	Concrete for Structures
405S	11/13/07	Concrete Admixtures
406S	09/26/12	Reinforcing Steel

<b>Document Number</b>	<b>Title</b>
408S	11/13/07 Concrete Joint Materials
409S	11/13/07 Membrane Curing
410S	09/26/12 Concrete Structures
411S	11/13/07 Surface Finishes for Concrete
413S	11/13/07 Cleaning and/or Sealing Joints and Cracks (PC Concrete)
420S	09/26/12 Drilled Shaft Foundations
430S	11/15/11 P.C. Concrete Curb and Gutter
432S	01/04/10 Portland Cement Sidewalks
480S	04/04/12 Concrete Paving Units for Sidewalks
503S	02/17/00 Frames, Grates, Rings and Covers
504S	02/24/10 Adjusting Structures
506	03/15/11 Manholes
508S	02/24/10 Miscellaneous Structures and Appurtenances
509S	09/26/12 Excavation Safety Systems
510	10/03/13 Pipe
511S	09/26/12 Water Valves
601S	09/01/11 Salvaging and Placing Top Soil
602S	06/16/08 Sodding for Erosion Control
604S	12/30/14 Seeding for Erosion Control
605S	06/21/07 Soil Retention Blanket
606S	06/21/07 Fertilizer
607S	05/23/00 Slope Stabilization Applications for Erosion Control
608S	09/26/12 Planting
609S	08/18/10 Native Grassland Seeding and Planting for Erosion Control
610S	01/04/11 Preservation of Trees and other Vegetation
620S	05/23/00 Filter Fabric
622S	11/26/01 Diversion Dike
623S	02/24/10 Dry Stack Rock Wall
627S	09/26/12 Grass-Lined Swale
628S	12/31/13 Sediment Containment Dikes
633S	11/26/01 Landgrading
639S	08/18/10 Rock Berm
640S	02/24/10 Mortared Rock Wall
641S	06/21/07 Stabilized Construction Entrance
642S	09/01/11 Silt Fence
648S	08/18/10 Mulch Sock
660S	01/04/16 Biofiltration Medium
700S	09/26/12 Mobilization
701S	09/26/12 Fencing
802S	09/26/12 Project Signs
824S	02/24/10 Traffic Signs
860S	09/26/12 Pavement Marking Paint
875S	11/21/05 Pavement Surface Preparation for Markings
1301S	08/16/04 Granite Gravel Hike and Bike Trail
16120S	05/23/00 Wiring
16550S	05/23/00 Street Light Standard Foundations

### Special Provisions

SP504S	08/01/16	Adjusting Structures
SP508S	08/01/16	Miscellaneous Structures and Appurtenances

### Special Specifications

SS003430	04/04/16	Plant – Precast Architectural Concrete
SS133419	04/04/16	Metal Building Systems

---

<b>Document Number</b>	<b>Title</b>
SS260500	04/06/16 Common Work Results for Electrical
SS260519	04/06/16 Low-Voltage Electrical Power Conductors and Cables
SS260526	04/06/16 Grounding and Bonding for Electrical Systems
SS260529	04/06/16 Hangers and Supports for Electrical Systems
SS260533	04/06/16 Raceway and Boxes for Electrical Systems
SS262416	04/06/16 Panelboards
SS265601	04/06/16 Exterior Lighting
SS328400	07/14/16 Landscape Irrigation System

**VOL. 2**    10/09/00 **MBE/WBE Procurement Program Package**

**END**

**Item No. 622S  
Diversion Dike****622S.1 Description**

This item shall govern furnishing and installing a temporary or permanent ridge of compacted soil that is located immediately above cut or fill slopes. The temporary or permanent ridge shall be constructed with sufficient grade to intercept storm water run-off from small upland areas and to divert the flow from the exposed slopes to an acceptable outlet as indicated on the Drawings or as directed by the Engineer or designated representative.

This specification is applicable for projects or work involving either inch-pound or SI units. Within the text, the inch-pound units are given preference followed by SI units shown within parentheses.

**622S.2 Submittals**

The submittal requirements for this specification item shall include:

- A. Characteristics (LL, PI, maximum density, etc.) of proposed embankment material;
- B. Identification of the type, source, mixture, pure live seed (PLS) and rate of application of the seeding;
- C. Identification of the type, source, and mixture of the sodding;
- D. Type of mulch;
- E. Type of tacking agent;
- F. Type, chemical analysis and rate of application of fertilizer;
- G. Type, characteristics, gradation, etc. of proposed riprap;
- H. Type, characteristics, and application method of proposed soil retention blanket;
- I. Type, characteristics, and application method of proposed soil retention blanket, slope stabilization;
- J. The manufacturer, model and description of the proposed dust control equipment,
- K. The sprinkling plan including application rate, pattern of sprinkling and scheduled times of application.

**622S.3 Materials**

- A. Dikes shall be constructed from suitable embankment material approved by the Engineer or designated representative or from a borrow material meeting the requirements of Standard Specification Item No. 130S, "Borrow", Type A.
- B. Stone Riprap shall consist of fieldstone, rough unhewn quarry stone or broken concrete conforming to Standard Specification Item No. 591S, "Riprap for Slope Protection".
- C. Seeding shall conform to Standard Specification Item No. 604S, "Seeding for Erosion Control".
- D. Sodding shall conform to Standard Specification Item No. 602S, "Sodding for Erosion Control".
- E. Soil Retention Blanket shall conform to Standard Specification Item No. 605S, "Soil Retention Blanket".

- F. Stabilization for Erosion Control shall conform to Standard Specification Item No. 607S, "Stabilization for Erosion Control".
- G. Water for embankment, erosion control and dust control shall conform to Standard Specification Item Nos. 604S, "Seeding for Erosion Control" and 220S, "Sprinkling for Dust Control".

#### **622S.4 Construction Methods**

The Contractor shall minimize the area disturbed by the activity defined by this specification Item and Standard Detail No. 622S-1, "Diversion Dike". Prior to placement of the Diversion Dike, all clearing and grubbing operations (Standard Specification Item No. 102S) shall have been completed on the areas over which the Diversion Dike is to be placed. The surface of the ground, which is to receive the Diversion Dike, shall be loosened by scarifying or plowing to a minimum depth of 4 inches (100 mm), except for the case of solid rock. The material, that has been loosened, shall be re-compacted simultaneously with the Diversion Dike. The Diversion Dike shall be placed in successive 6-inch (150 mm) layers for the full width of the Diversion Dike. Soils shall be sprinkled as required and compacted to the extent necessary to provide not less than 90 percent of the maximum dry density as determined in accordance with TxDOT Test Methods Tex-114-E and Tex 115-E. The top 4 inches (100 mm) shall be compacted to 85 percent of the maximum dry density to facilitate seeding.

Diverted runoff from a protected or stabilized area shall have its outlet flow directed to an undisturbed stabilized area or into a level spreader (Standard Specification Item No. 634S and Standard Detail No. 634S-1) or grade stabilization structure (Standard Specification Item No. 625S and Standard Detail No. 625S-1). Diverted runoff from a disturbed or exposed area sediment basin or to an area protected by any of these practices.

The structure shall be inspected monthly and after every rainfall. Repairs shall be made, as needed in the opinion of the Engineer or designated representative, by the Contractor throughout the duration of this contract or until the Engineer or designated representative gives written permission to remove a temporary structure.

The temporary Diversion Dike shall be removed, when directed by the Engineer or designated representative, and the area shall be leveled off and protected by erosion control measures appropriate for the terrain as indicated on the Drawings. Permanent Diversion Dikes shall be seeded and shall conform to Standard Specification Item No. 604S, "Seeding for Erosion Control".

#### **622S.5 Measurement**

Work performed as prescribed by this item will be measured by the lineal foot (lineal meter: 1 meter equals 3.281 feet) along the centerline of the Diversion Dike.

#### **622S.6 Payment**

This item will be paid for at the contract unit bid price for "Diversion Dike". The price shall include full compensation for: a) all work specified herein, b) furnishing, hauling and placing of all materials and c) all water required to perform all operations necessary to complete the work.

Payment will be made under one of the following:

**Pay Item No. 622S-A:** Diversion Dike, Temporary Per Lineal Foot.  
**Pay Item No. 622S-B:** Diversion Dike, Permanent Per Lineal Foot.

**End**

<b><u>SPECIFIC</u> CROSS REFERENCE MATERIALS</b>
Specification Item 622S "Diversion Dike"

City of Austin Standard Specifications

<u>Designation</u>	<u>Description</u>
Item No. 102S	Clearing and Grubbing
Item No. 130S	Borrow
Item No. 220S	Sprinkling for Dust Control
Item No. 591S	Riprap for Slope Protection
Item No. 602S	Sodding for Erosion Control
Item No. 604S	Seeding for Erosion Control
Item No. 605S	Soil Retention Blanket
Item No. 606S	Fertilizer
Item No. 607S	Stabilization for Erosion Control
Item No. 625S	Grade Stabilization Structure
Item No. 634S	Level Spreader

City of Austin Standard Details

<u>Designation</u>	<u>Description</u>
No. 622S-1	Diversion Dike
No. 625S-1	Grade Stabilization Structure
No. 634S-1	Level Spreader

Texas Department of Transportation: Manual of Testing Procedures

<u>Designation</u>	<u>Description</u>
Tex-114-E	Laboratory Compaction Characteristics and Moisture-Density Relationship of Subgrade & Embankment Soil
Tex-115-E	Field Method for Determination of In-Place Density of Soils and Base Materials

<b><u>RELATED</u> CROSS REFERENCE MATERIALS</b>
---

City of Austin Land Development Code

<u>Designation</u>	<u>Description</u>
Chapter 25	Drainage
Section 25-7-61	Criteria for Approval of Plats, Construction Plans, And Site Plans
Section 25-7-61 (A) (4)	"temporary and permanent measures to control erosion."
Section 25-7-65	Fiscal Security
Article 5	Erosion and Sedimentation Control; Overland Flow
Section 25-8-181	Erosion and Sedimentation Control
Section 25-8-182	Development Completion
Section 25-8-183	Modification of Erosion Control and Construction Sequencing Plans
Section 25-8-323	Temporary Storage Areas; Topsoil Protection
Section 25-8-341 (B)	"A cut must be restored and stabilized"
Section 25-8-342 (B)	"A fill must be restored and stabilized"

<b><u>RELATED</u> CROSS REFERENCE MATERIALS (Continued)</b>
Specification Item 622S "Diversion Dike"

City of Austin Environmental Criteria Manual

<u>Designation</u>	<u>Description</u>
Section 1.4.0	Erosion and Sedimentation Control Criteria
Section 1.4.1	Introduction
Section 1.4.1.2	Project Management
Section 1.4.3	Permanent Structural Practices
Section 1.4.3.A	Diversion

City of Austin Standard Specifications

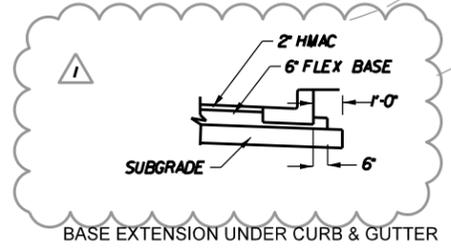
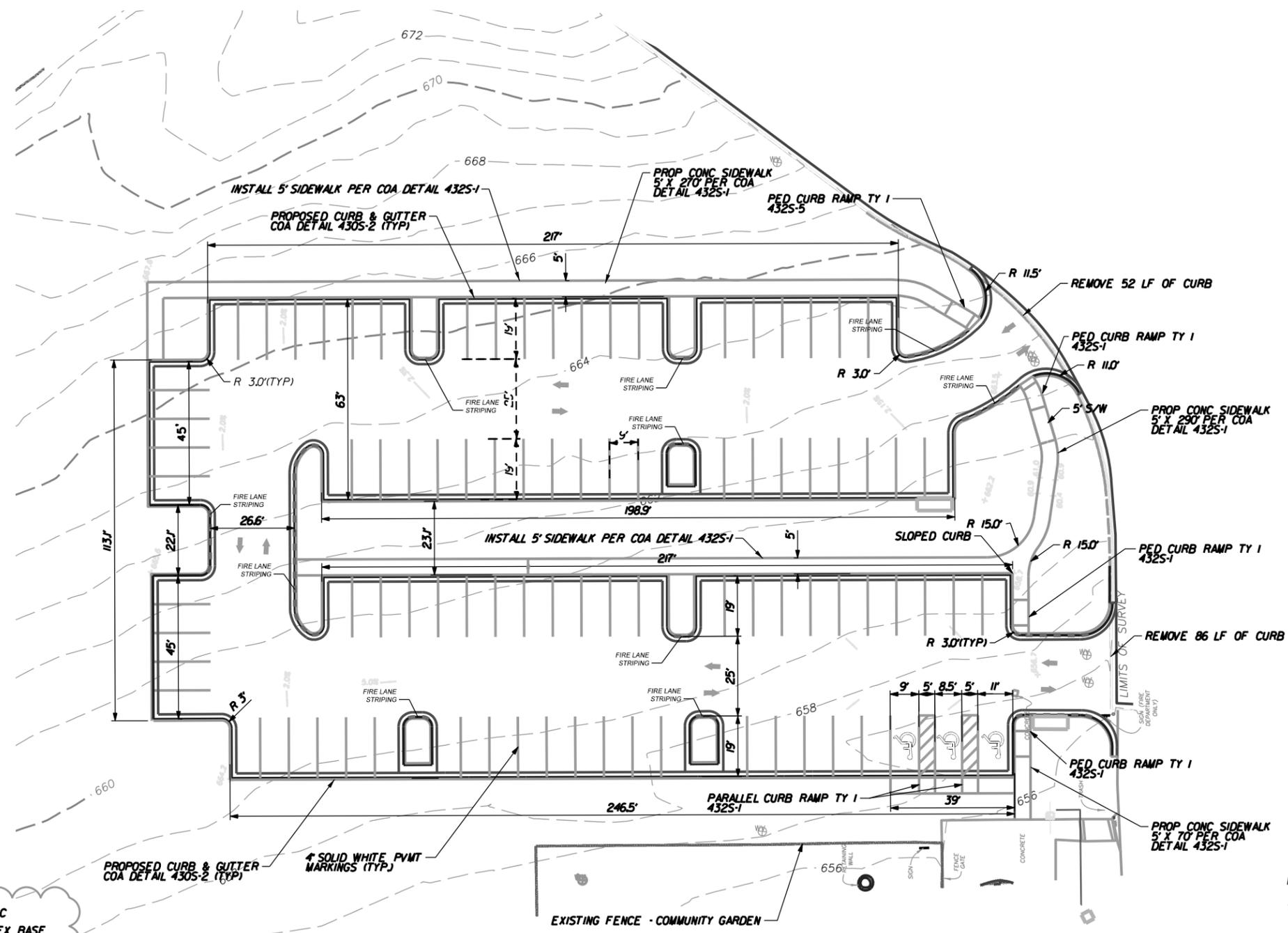
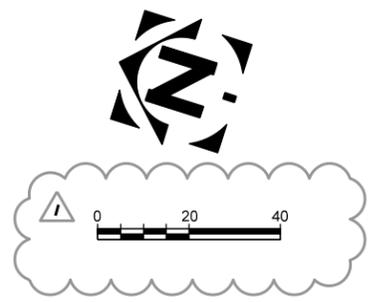
<u>Designation</u>	<u>Description</u>
Item No. 101S	Preparing Right of Way
Item No. 102S	Clearing and Grubbing
Item No. 111S	Excavation
Item No. 132S	Embankment
Item No. 201S	Subgrade Preparation
Item No. 601S	Salvaging and Placing Topsoil
Item No. 605S	Soil Retention Blanket
Item No. 607S	Slope Stabilization
Item No. 621S	Diversion (Temporary)

City of Austin Standards (Details)

<u>Standard No.</u>	<u>Description</u>
No. 627S-1	Grass Lined Swale
No. 627S-2	Grass Lined Swale W/ Stone Center
No. 633S-1	Landgrading

Texas Department of Transportation: Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges

<u>Designation</u>	<u>Description</u>
Item No. 100	Preparing Right of Way
Item No. 110	Excavation
Item No. 160	Furnishing and Placing Topsoil
Item No. 164	Seeding for Erosion Control
Item No. 166	Fertilizer
Item No. 168	Vegetative Watering
Item No. 169	Soil Retention Blanket



NOTE: RED FIRE LANE MRKINGS SHALL BE PLACED AT END OF MEDIANS AND ALONG DRIVEWAY THROATS.

- NOTES:
1. ALL HOT MIX ASPHALTIC CONCRETE (HMAc) MATERIALS AND PLACEMENT SHALL CONFORM WITH ITEM340 OF THE CITY OF AUSTIN STANDARD SPECIFICATIONS.
  2. FLEXIBLE BASE MATERIALS AND PLACEMENT SHALL CONFORM TO ITEM 210 OF THE CITY OF AUSTIN STANDARD SPECIFICATIONS.
  3. ALL DIMENSIONS SHOWN ARE TO FACE OF CURB.
  4. ALL PAVEMENT, CURB, ETC. THAT IS TO BE REMOVED SHALL BE SAW CUT TO PROVIDE SMOOTH TRANSITION. ALL SAWCUTS TO OCCUR AT EXISTING JOINTS IF POSSIBLE.
  5. ALL STANDARD PARKING SPACES SHALL BE 9' X 19'.

**PARSONS BRINCKERHOFF**

Parsons Brinckerhoff, Inc.  
Barton Oaks Plaza Two 901 Mopac Expy S.  
Suite 595 Austin, Texas 78746-5748  
TBPE Firm Registration # F-2263



NO	DATE	DESCRIPTION	BY
1	10-26-2016	ADDENDUM 03 - REPLACE BAR SCALE / UPDATE DETAIL	JLF



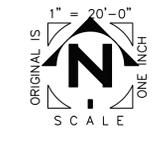
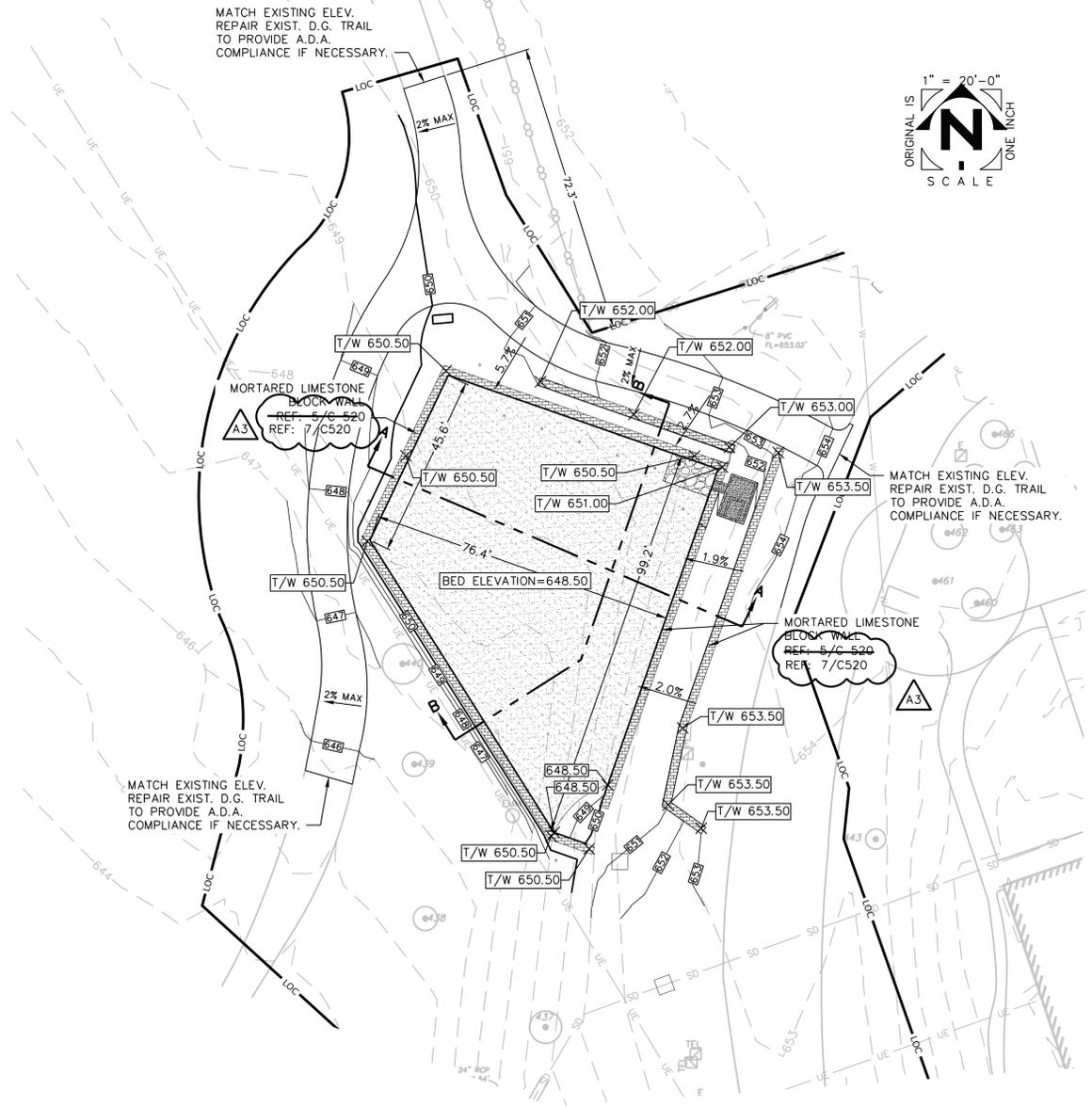
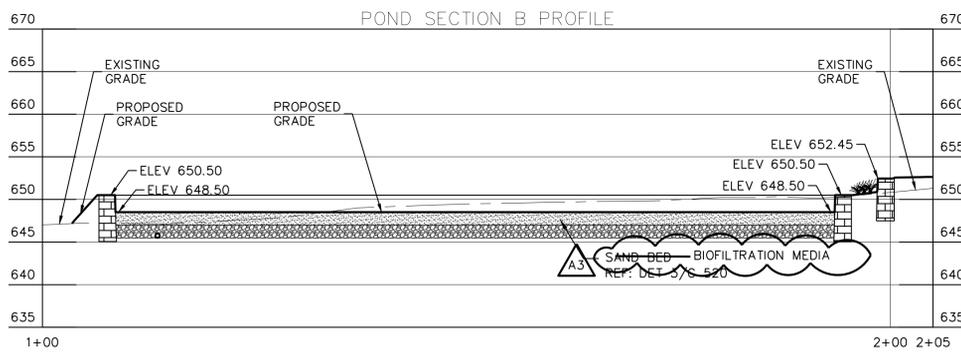
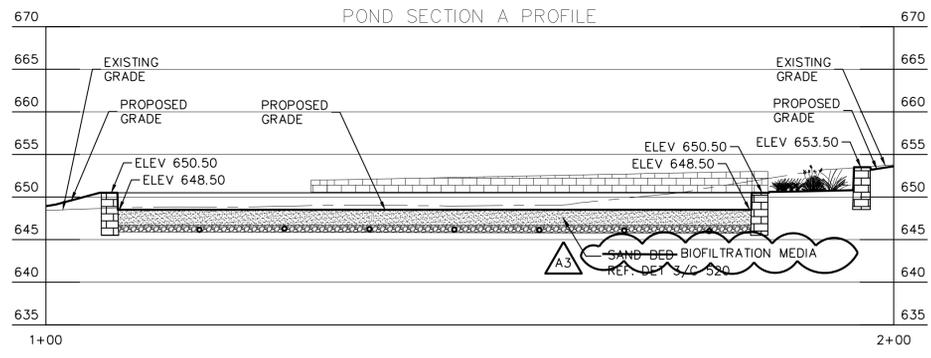
THE BAR ABOVE MEASURES ONE INCH ON THE ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY

PARKING ADDITION  
SITE PLAN

GUS GARCIA DISTRICT PARK  
PHASE 3 IMPROVEMENTS  
1201 EAST RUNDBERG LANE  
C.I.P. I.D. NO.: 6498.004

**C101A**

6 of 42

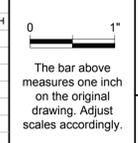


REFERENCE SHEET C 101 - ALTERNATE LAYOUT PLAN FOR ALT LOCATIONS



**mwm Design Group**  
 305 East Huntland Drive  
 Suite 200  
 Austin, Texas 78752  
 p: 512.453.0767  
 f: 512.453.1734  
 TBAE FIRM REGISTRATION NO.: 1452  
 TBPES FIRM REGISTRATION NO.: F-1416  
 TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY
A3	10/26/16	ADDENDUM 3 - UPDATE SAND BED TO BIOFILTRATION MEDIA	DC/BH
		ADDENDUM 3 - UPDATE DETAIL REFERENCE	



**RAIN GARDEN GRADING PLAN**

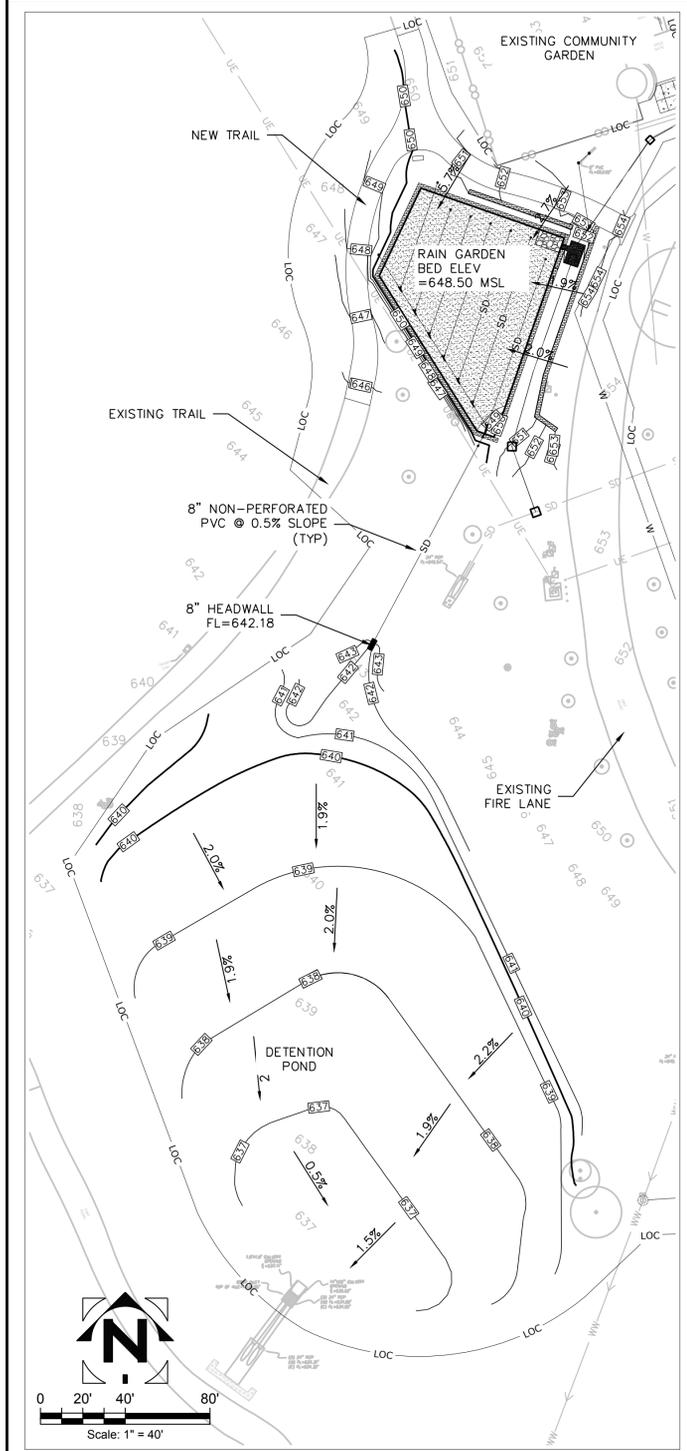
Gus Garcia District Park  
 Phase 3 Improvements  
 1201 East Rundberg Lane Austin, Texas

PLOTTED: 10/26/2016  
 JOB NO: 369-02a

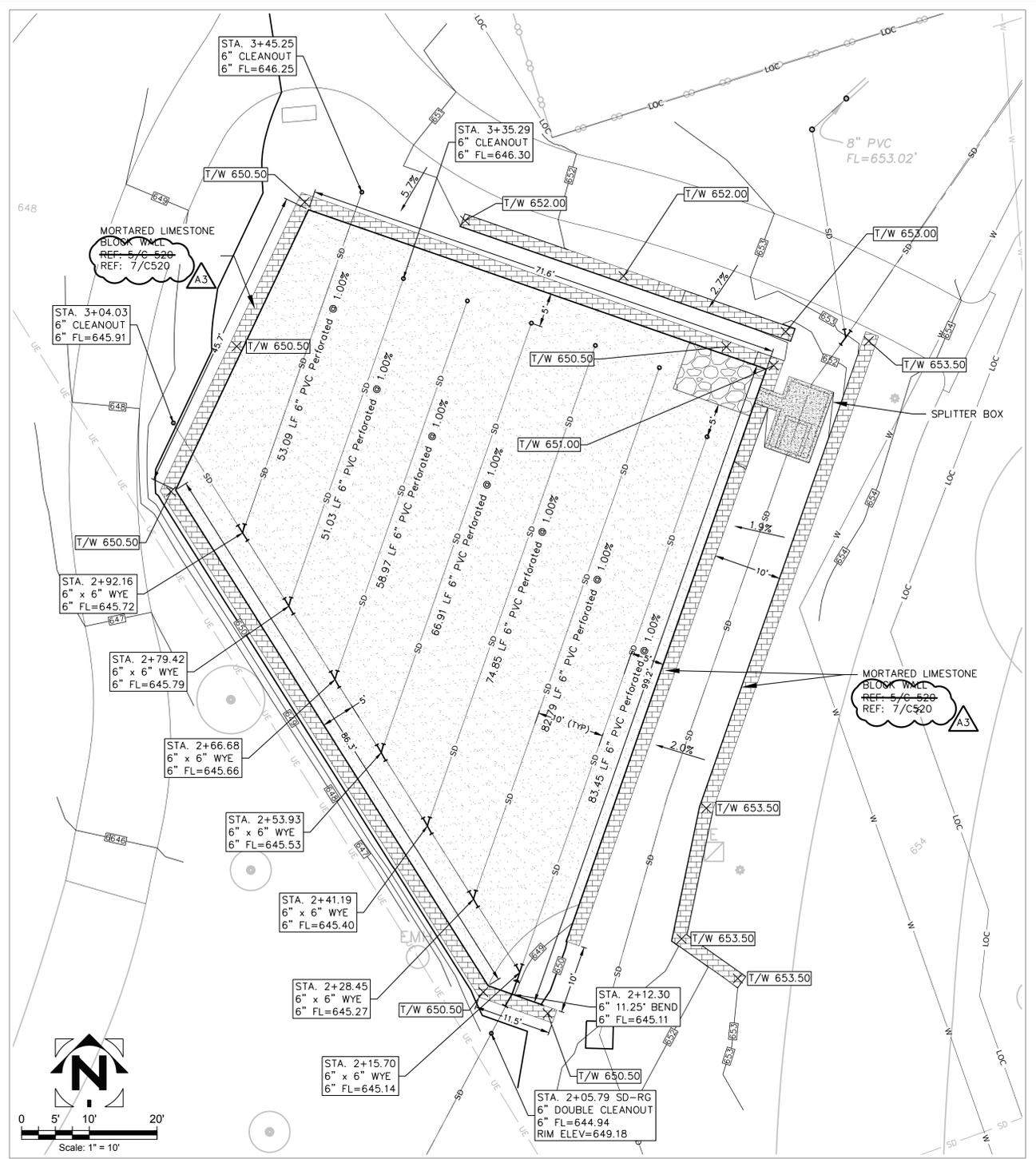
**C 302**

14 OF 42

File: Y:\369-02a\_GusGarcia\_Park\_CAD\_Sheets\CAD\_Sheets\C303-RainGardenGrading.dwg 24x36



1 OVERALL POND VIEW  
C 510 1:40 SCALE



2 RAIN GARDEN PLAN  
C 510 1:10 SCALE

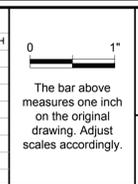
NOTES:  
1. POND BOTTOMS, SIDE SLOPES/EMBANKMENT SHALL BE COMPACTED TO 95% IN ACCORDANCE WITH COA STANDARD SPECS.

APPENDIX R-11 RAIN GARDEN CALCULATIONS FOR DEVELOPMENT PERMITS Gus Garcia District Park Improvements,		
	Legend	
	In Compliance	Do Not Modify Values
<b>DRAINAGE AREA DATA:</b>	Required	Provided
Drainage area to control (DA < 2 acre)	≤ 2.00 ac.	1.33 ac.
Drainage Area Impervious Cover		61%
Capture Depth (CD) = (0.5+(IC-20)/100)	0.910 in	
<b>WATER QUALITY CONTROL CALCULATIONS</b>		
Water Quality Volume	≥ 4,393 cf	7,436 cf
The Water Quality Control is to be RAIN GARDEN		
100-year peak flow rate to control (Q100)	12.66 cfs	
Filtration Pond Area (Af or Ai)	≥ 5,468 sf	5,468 sf
Depth of Ponding (D) (maximum 1.0 foot)	≤ 1 ft	1.00 ft
Depth of Filtration Media (L) (minimum 1.5 foot)	≥ 1.5 ft	1.50 ft
Effective Porosity Water Quality Volume (WQV <sub>ep</sub> = 0.24 * Af * L)		1968 cf
Provided Water Quality Volume (WQV <sub>provided</sub> = Af*D + WQV <sub>ep</sub> )		7436 cf
	Total WQV	7436 cf
Water Quality Elevation (WQE)		649.5 ft msl
Elevation of Splitter/Overflow Weir (min. WQE)	≥ 650 ft msl	649.5 ft msl
Length of Splitter Weir		14 ft
Required Head to Pass Q100	≤ 0.50 ft	0.417 ft
Pond Freeboard Provided to Pass Q100	≥ 0.25 ft	0.583 ft
<b>FOR FILTRATION RAIN GARDENS</b>		
Rain Garden Pond Drawdown Time (max 48 hours)	≤ 48 hr	48 hr
Underdrain Orifice Size (diameter)		6.00 in
Underdrain Orifice Size (area)		28.27 sq. in
<b>FOR INFILTRATION RAIN GARDENS</b>		
Infiltration Rate (in/hr)	≥ 0.25 in/hr.	in/hr
Rain Garden Pond Drawdown Time (max 48 hours)	≤ 48.00 hr	hr.
<b>WATER QUALITY CREDIT</b>		
Impervious area treated by Partial Filtration Rain Garden	1.373 ac.	
IAF	1.000	
WQV/bmp/WQV <sub>ecm</sub>	1.000	
BMP/PDF	1.000	
WQC = IAF * BMP/PDF, (Equation 1.6.7-1)	1.000	

REFERENCE SHEET C 101 - ALTERNATE LAYOUT PLAN FOR ALT LOCATIONS



NO.	DATE	DESCRIPTION	BY
A3	10/26/16	ADDENDUM 3 - UPDATE DETAIL REFERENCE	DC/BH

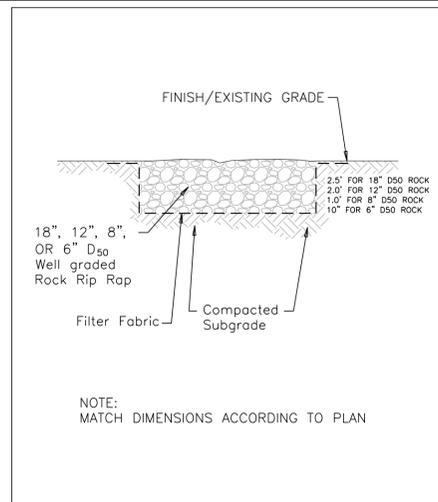


**STORMWATER MANAGEMENT PLAN**

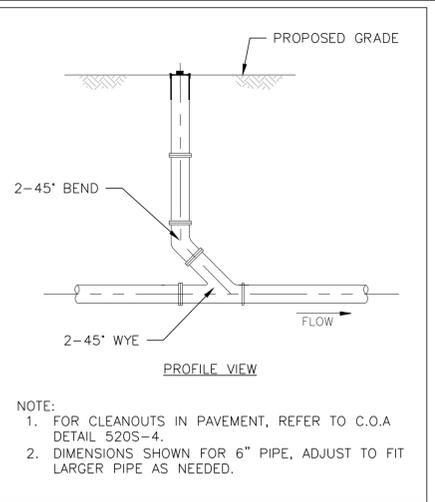
Gus Garcia District Park  
Phase 3 Improvements  
1201 East Rundberg Lane Austin, Texas

PLOTTED: 10/26/2016  
JOB NO: 369-02a  
**C 510**  
18 OF 42

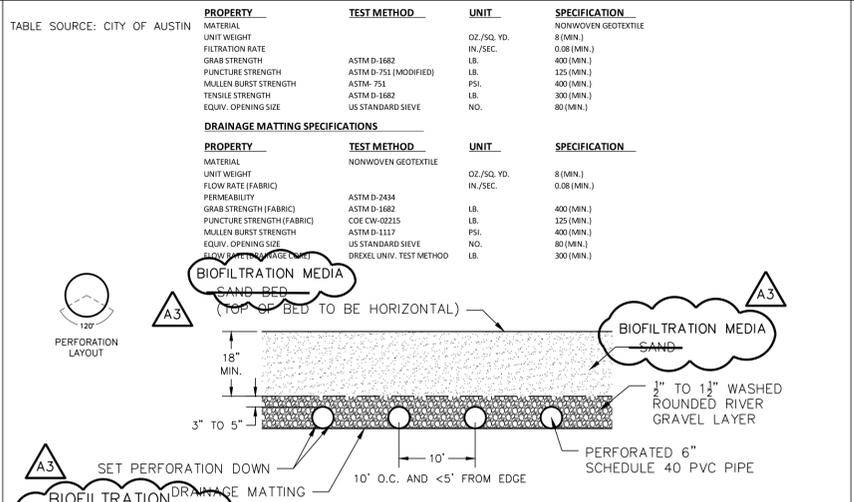
File: Y:\369-02a\_GusGarcia\_Park\_Improvements\CAD\_Sheets\C510\_POND.dwg 24x36



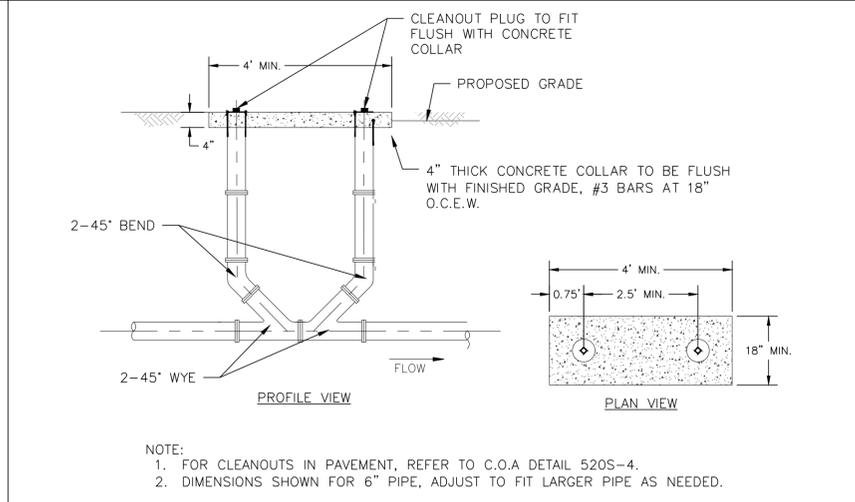
**1 ROCK RIP RAP SPLASH PAD**  
C 520 n.t.s.



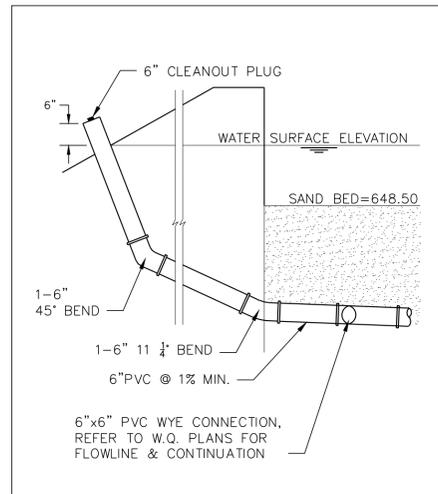
**2 6" CLEANOUT**  
C 520 n.t.s.



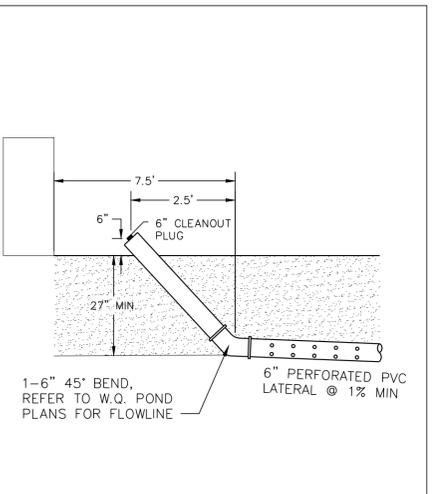
**3 SAND BED PROFILE**  
C 520 n.t.s.



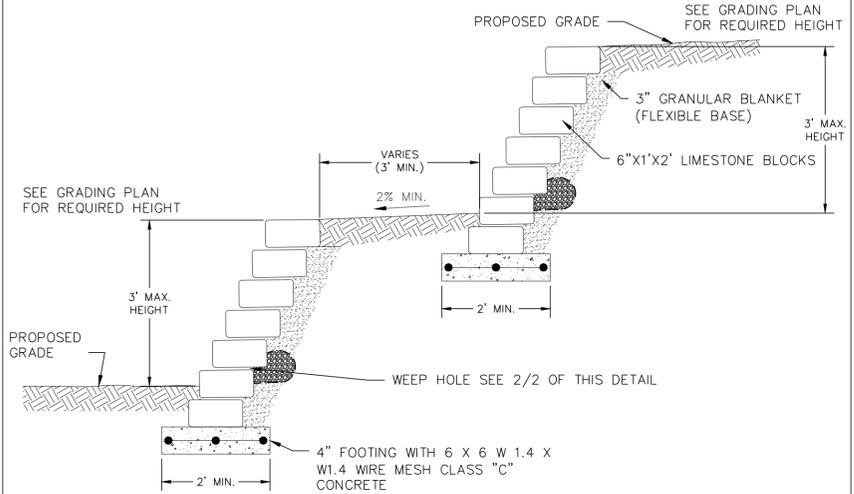
**4 DOUBLE CLEANOUT (RAIN GARDEN)**  
C 520 n.t.s.



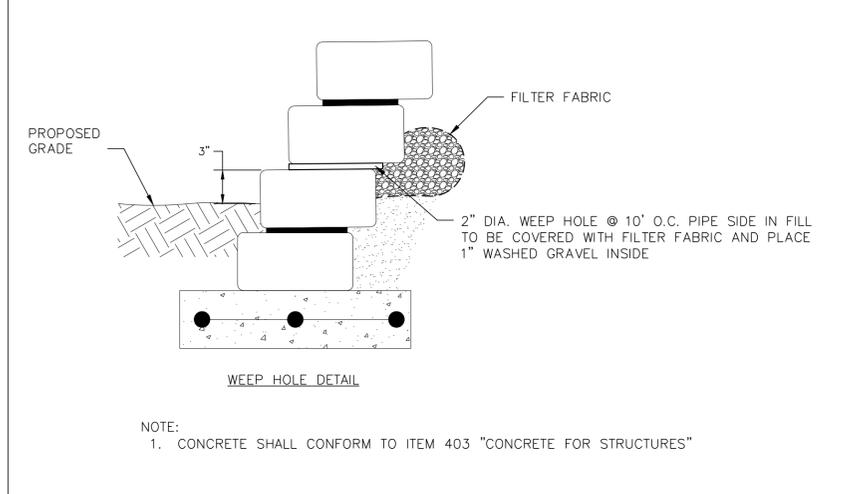
**5 CLEANOUT "A" (RAIN GARDEN)**  
C 520 n.t.s.



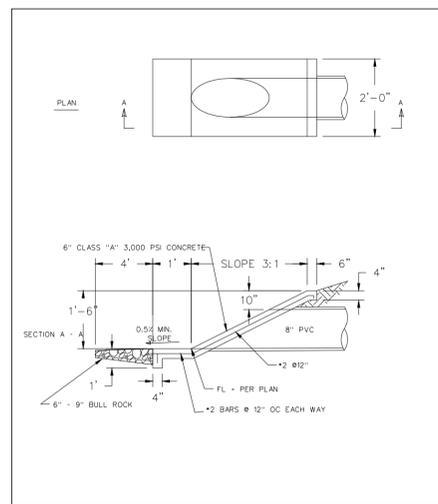
**6 CLEANOUT "B" (RAIN GARDEN)**  
C 520 n.t.s.



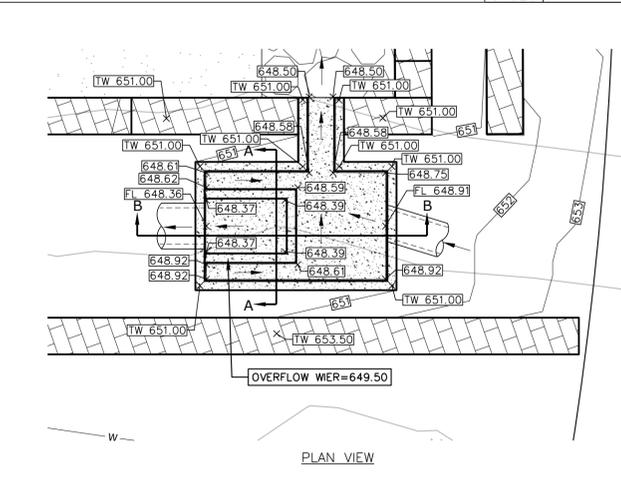
**7 MORTARED TERRACED LIMESTONE BLOCK WALL WITH WEEP HOLES (1 OF 2)**  
C 520 n.t.s.



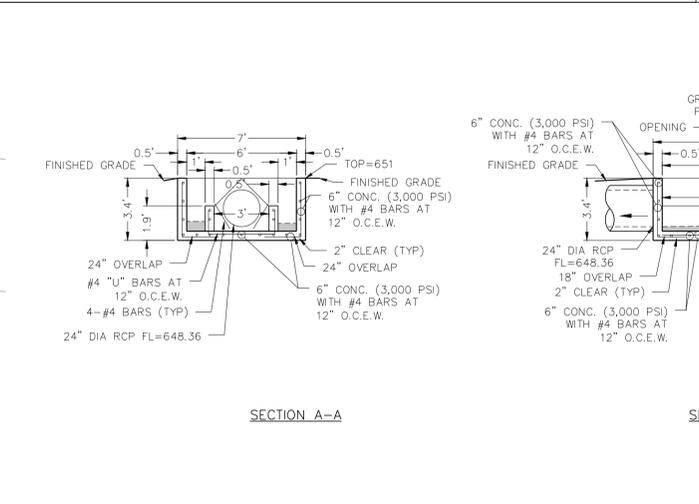
**7 MORTARED TERRACED LIMESTONE BLOCK WALL WITH WEEP HOLES (2 OF 2)**  
C 520 n.t.s.



**9 RAIN GARDEN DRAIN HEADWALL**  
C 520 n.t.s.



**10 SPLITTER BOX DETAIL**  
C 520 Scale: 1"=5'-0"



**SECTION A-A**



**SECTION B-B**



NO.	DATE	DESCRIPTION	BY
A3	10/26/16	ADDENDUM 3 - UPDATE SAND BED TO BIOFILTRATION MEDIA	DC/BH

**RAIN GARDEN DETAILS**

Gus Garcia District Park  
Phase 3 Improvements  
1201 East Rundberg Lane Austin, Texas

PLOTTED: 10/28/2016  
JOB NO: 369-02a  
**C 520**  
19 OF 42

File: Y:\369-02a\_gusgarci...park...CAD\Sheets\C191 - Site Details.dwg 24x36