



Waller Creek Conservancy
PO Box 12363
Austin, Texas 78711
512-541-3520
www.wallercreek.org

May 31, 2018

Mr. Tom Meredith
Vice President
Waller Creek Local Government Corporation

RE: Waller Creek District: ADDENDUM to Waterloo Park Construction Documents and Permitting Phase Plan

Dear Tom:

Enclosed herewith you will find Exhibit 2 to the Waterloo Park Construction Documents and Permitting Phase Plan in the form of an ADDENDUM to the original scope approved in June 2017. This Addendum to the Phase Plan for Waterloo Park consists of two parts, Part One outlines the work for the construction documents and permitting phase professional services of the Parkland and Part Two provides for the construction documents and permitting phase professional services of the Performance Venue.

This ADDENDUM for Waterloo Park provides for the following additions and modifications to the original Phase Plan:

Part One: Parkland

This Addendum addresses the additional design and engineering efforts resulting from the extensive pricing and Value Engineering process that occurred after the 50% CD deliverable and which has resulted in an extended schedule. The MVVA-led team will incorporate the VE decisions and respond to comments from the Waller Creek Conservancy and the City of Austin. This Addendum also incorporates several areas of new scope, including a food service area and small restroom building for Park visitors, additional work in the northeast corner, design and plant selection of the constructed wetland in the southeast corner of the Park, and coordination of several heritage Live Oak transplants from the Capitol Complex. In addition, the team has included fees for coordination with a City-directed engineering effort to incorporate a Waller Creek inlet bypass. In order to keep the design team working, reapportionments were made from funding allowances and the cost overrun reserve in the original CD and Permitting Phase Plan, and this Addendum will also restore those allowances and reserve funds.

Part Two: Performance Venue

This Addendum addressed the additional design and engineering efforts resulting from the extensive pricing and Value Engineering process that occurred after the 50% CD deliverable and which has resulted in an extended schedule. In order to keep the design team working, reapportionments were made from funding allowances and the cost overrun reserve in the original CD and Permitting Phase Plan, and this Addendum will also restore those allowances and reserve funds.

The work product will include presentation drawings, CAD and PDF files and will remain consistent with the Phase Plan as approved by the LGC in June 2017. If you have questions or concerns, please let me know and we will address them quickly.

Sincerely,

Peter Mullan
Chief Executive Officer
Waller Creek Conservancy
Proposing Party



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PO Box 12363
Austin, Texas 78711
512-541-3520
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The Phase Plan described in this document has been reviewed and agreed upon to the scope described herein.

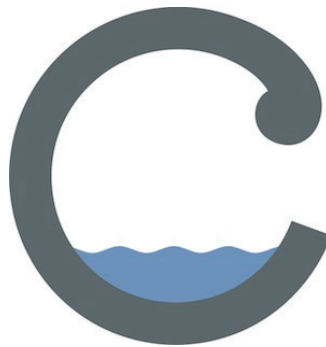
Ms. Kristin Pipkin	Date
Responding Party	
Watershed Protection Department	
City of Austin	

The Phase Plan described in this document has been reviewed and approved specific to the scope described herein.

Mr. Tom Meredith	Date
Vice President, LGC Representative	
Waller Creek Local Government Corporation	

Waller Creek District

**ADDENDUM to the Waterloo Park
Construction Documents
and Permitting Phase Plan**



May 31, 2018

Waller Creek District:

**ADDENDUM to the Waterloo Park Construction Documents
and Permitting Phase Plan**

Part One: Parkland

Part Two: Performance Venue

Table of Contents

Cover Letter

Executive Summary and Scope Narrative	Pg 1
Exhibit 2A – Project Area Diagram	Pg 6
Exhibit 2B – Project Schedule	Pg 8
Exhibit 2F – Project Budget	Pg 9
Exhibit 2G – Capital Needs Projection	Pg 13

Part One: Parkland

Exhibit 2C-1 – Scope Matrix	Pg 15
Exhibit 2D-1 – Implementation Plan	Pg 16
Exhibit 2E-1 – Organization Chart	Pg 19

Part Two: Performance Venue

Exhibit 2C-2 – Scope Matrix	Pg 21
Exhibit 2D-2 – Implementation Plan	Pg 23

Waller Creek, Waterloo Park

May 31, 2018

EXECUTIVE SUMMARY and NARRATIVE

This ADDENDUM to the existing “Waterloo Park Construction Documents and Permitting Phase Plan” provides updates to the scope, subconsultant team, and resulting fees and schedule, for continued design and engineering through the construction document preparation of Waterloo Park, between 12th and 15th Streets (see **Exhibit 2A, Project Area Diagram**). This Addendum addresses both Part One: Parkland and Part Two: Performance Venue.

This Addendum includes only exhibits which have been updated to reflect corrections or modifications. All other exhibits within the previously approved Waterloo Park Construction Documents and Permitting Phase Plan remain valid and applicable to this scope of work. This phase plan does NOT include authorization to proceed into construction. Future authorization will be sought from the LGC for subsequent phases.

Part One: Parkland – This Addendum includes scope for additional design and engineering resulting from the extensive pricing and Value Engineering process that occurred after the 50% deliverable and which has resulted in an extended schedule and additional design fees. In addition, this Addendum adds previously excluded scope near Trinity Street on the west side of the park, which will be a food service area with mobile food vendors and a small restroom building for Park visitors. It also includes coordination of several large Live Oak transplants from the Texas Capitol Complex, in collaboration with the City of Austin-held contract. In addition, this Addendum extends the limit-of-work in the northeast corner, increasing in-channel and bank stabilization work along Waller Creek north of the 14th Street bridge (called “Sector 9”), and providing space for a temporary Operations + Maintenance (O+M) facility for the Park. It also includes coordination with the City of Austin-directed engineering team designing the Waller Creek inlet bypass, which will affect some surface elements within the southeast corner of the park. In addition, this Addendum incorporates previously excluded scope in the southeast corner of the Park that directly addresses the constructed wetland design and plant selection. Finally, this addendum includes additional site development permit coordination and includes a site development permit revision for the inlet bypass scope.

Two additional subconsultants have been added to the project in this Addendum: the Lady Bird Johnson Wildflower Center (LBJWC), Ecologist and native plant specialist as listed on the Waller Creek project consultant list, who will assist with plant selection and design of the constructed wetland in the southeast corner of the park, and Michael Hsu Office of Architecture (MHOA), Architect, who will design the small restroom facility on the west side of the Park, and was selected via a public selection process that met the City of Austin Ordinances for procurement of services.

A detailed description of updated scope, deliverables, and responsibilities is in **Exhibit 2C-1, Scope Matrix** for the MVVA-led team that will implement Part One of this Addendum. A description of the interactions among consultants and key stakeholders toward the production of deliverables is described in **Exhibit 2E-1, Organization Chart**.

Part Two: Performance Venue – This Addendum includes scope for additional design and engineering resulting from the extensive pricing and Value Engineering process that occurred after the 50% deliverable and which has resulted in an extended schedule and additional fees.

A detailed description of updated scope, deliverables, and responsibilities is in **Exhibit 2C-2, Scope Matrix** for the TPP-led team that will implement Part Two of this Addendum.

PERFORMANCE PERIOD

The anticipated performance period has been revised and extended by five months from the original Waterloo CD and Permitting phase plan. The notice to proceed on this phase of work was given to the design team in September 2017, and this extension accounts for an additional 13-week period for design and engineering, including the required 30-day review by the City of Austin at the 90% deliverable, and 8 weeks for bidding and review. An updated Project Schedule is shown in **Exhibit 2B, Project Schedule**.

CONSULTANT TEAM LIST:

The following subconsultants will be part of MVVA and TPP's design teams and the associated scopes, schedules, deliverables, budget, and fees are included in this proposal, new subconsultants are denoted with an asterisk*. Please see the updated organization chart in **Exhibit 2E-1 Organization Chart**.

Part One: Parkland

- Team Lead and Landscape Architect: Michael Van Valkenburgh Associates, Inc. (MVVA)
- Civil Engineer: Big Red Dog Engineering (BRD)
- Lighting Design: Tillett Lighting Design Associates (TLDA)
- Local Landscape Architect: dwg
- Accessibility Consultant: Altura Solutions
- Soil Scientist: Olsson Associates
- Geotechnical Consulting: Terracon
- MEP Engineer: EEA
- Structural Engineer: AEC
- Irrigation Design: James Pole
- Hydrology: LimnoTech
- Environmental Consulting / Permitting: ACI Consulting
- Public Space Management Consulting: ETM Associates
- Tree Care and Consulting: Davey Resource Group
- Project Management, Managing Party: Benz Resource Group
- Cost Consulting: Vermeulens Costs Consultants
- Construction Management (Preconstruction Services): Zachry Construction Corp.
- Surveying: McGray & McGray Land Surveyors
- * Architecture: Michael Hsu Office of Architecture (MHOA)
- * Ecology and Native Plants: Lady Bird Johnson Wildflower Center (LBJWC))

Part Two: Performance Venue

- Team Lead and Architect, Thomas Phifer Partners (TPP)
- MEP / Fire Protection Engineering: Altieri Sebor Wieber
- Structural Engineering: Guy Nordenson & Associates
- Theatre Consultant: Theatre Consultants Collaborative
- Waterproofing Consultant: Simpson Gumpertz & Heger
- Audio Visual Consultant: ARUP
- Acoustical Engineering: ARUP
- IT Consultant: ARUP
- Lighting Consultant: ARUP
- Code Consultant: Jenson Hughes (Rolf Jenson & Associates)
- Geotechnical Consultant: Terracon
- Project Management, Managing Party: Benz Resource Group
- Cost Consulting: Vermeulens Costs Consultants
- Construction Management (Preconstruction Services): Zachry Construction Corp.

SCHEDULE

The Services required by this Addendum shall be provided from May 2018 through October 2018, shown in greater detail in **Exhibit 2B, Project Schedule**.

GENERAL SCOPE OF SERVICE REQUIREMENTS

A detailed description of updated scope and deliverables is in **Exhibits 2C-1 and 2C-2, Scope Matrices**, and a description of the interaction among consultants and key stakeholders toward the production of deliverables is described in **Exhibits D-1 and D-2, Implementation Plans**.

PROJECT BUDGET

Services will be performed on a “not-to-exceed” fee basis, assuming the schedule is not significantly extended beyond October 2018. **Exhibit 2F** provides a detailed breakdown of the fees and the summary of the fees are as follows:

Part One: Parkland

Professional Service Fees: \$653,498

Reimbursable Expenses: \$13,129

Allowances: \$95,000

Cost Overrun Reserve: \$50,000

Part One Total: \$811,627

Part Two: Performance Venue

Professional Service Fees: \$190,100

Reimbursable Expenses: \$5,500

Allowances: \$10,000

Cost Overrun Reserve: \$50,000

Part Two Total: \$255,600

Grand Total of fees, reimbursable expenses and allowances: \$1,067,227

For **Part One: Parkland**, The City of Austin (City) Watershed Protection Department (WPD) will contribute the total funding for Creek Bank Stabilization work, also referred to as “Sector 9” and shown in **Exhibit 2A: Project Area Diagram**, for an amount not to exceed \$197,880. WPD will also contribute the total funding for Inlet Bypass Coordination work, for an amount not to exceed \$42,900. The Waller Creek Conservancy (WCC) will contribute the total funding to the constructed wetland plant design for an amount not to exceed \$38,600. Eighty percent (80%) of the remainder of Part One: Parkland fees will be paid by the Parks and Recreation Department (PARD) for an amount not to exceed \$425,798. The Waller Creek Conservancy (WCC) will contribute 20% of the total less Sector 9 fees, for an amount not to exceed \$106,449. The 20% of the total contributed by the WCC will cover all aspects of the design related to Performance Venue site work and operations (e.g. mix station, lower seating area, planting area on and around building) that is covered within the Parkland scope and fee for contractual and administrative clarity. Please see the Funding Summary in **Exhibit 2F** for more detail.

For **Part Two: Performance Venue**, the Waller Creek Conservancy will contribute 100% of the total, for an amount not to exceed \$255,600.

MVVA and TPP team fees and estimated reimbursable expenses are shown in **Exhibit 2F, Project Budget**. Updated individual consultant fee proposals are included in **Exhibits 2 J through 2EE** under separate cover.

In accordance with Section 10.01 (Project Disbursement Fund Account) of the Joint Development Agreement between the City of Austin, Waller Creek Local Government Corporation, and Waller Creek Conservancy, upon approval of regularly submitted invoices by the Conservancy, the City will disburse payment accordingly to the appropriate Project Disbursement Fund Account. **See Exhibit 2G – Capital Needs Projection** addressing the prime scope of work and reimbursables, which excludes the cost overrun reserve.

LIST OF EXHIBITS – ADDENDUM to the Waterloo Construction Documents and Permitting Phase Plan

EXHIBIT 2A	Project Area Diagram
EXHIBIT 2B	Project Schedule
EXHIBIT 2F	Project Budget
EXHIBIT 2G	Capital Needs Projection

Part One: Parkland

EXHIBIT 2C-1	Team Scope Matrix
EXHIBIT 2D-1	Implementation Plan
EXHIBIT 2E-1	Organization Chart

Part Two: Performance Venue

EXHIBIT 2C-2 Team Scope Matrix
EXHIBIT 2D-2 Implementation Plan

SUPPORTING DOCUMENTATION (under separate cover)

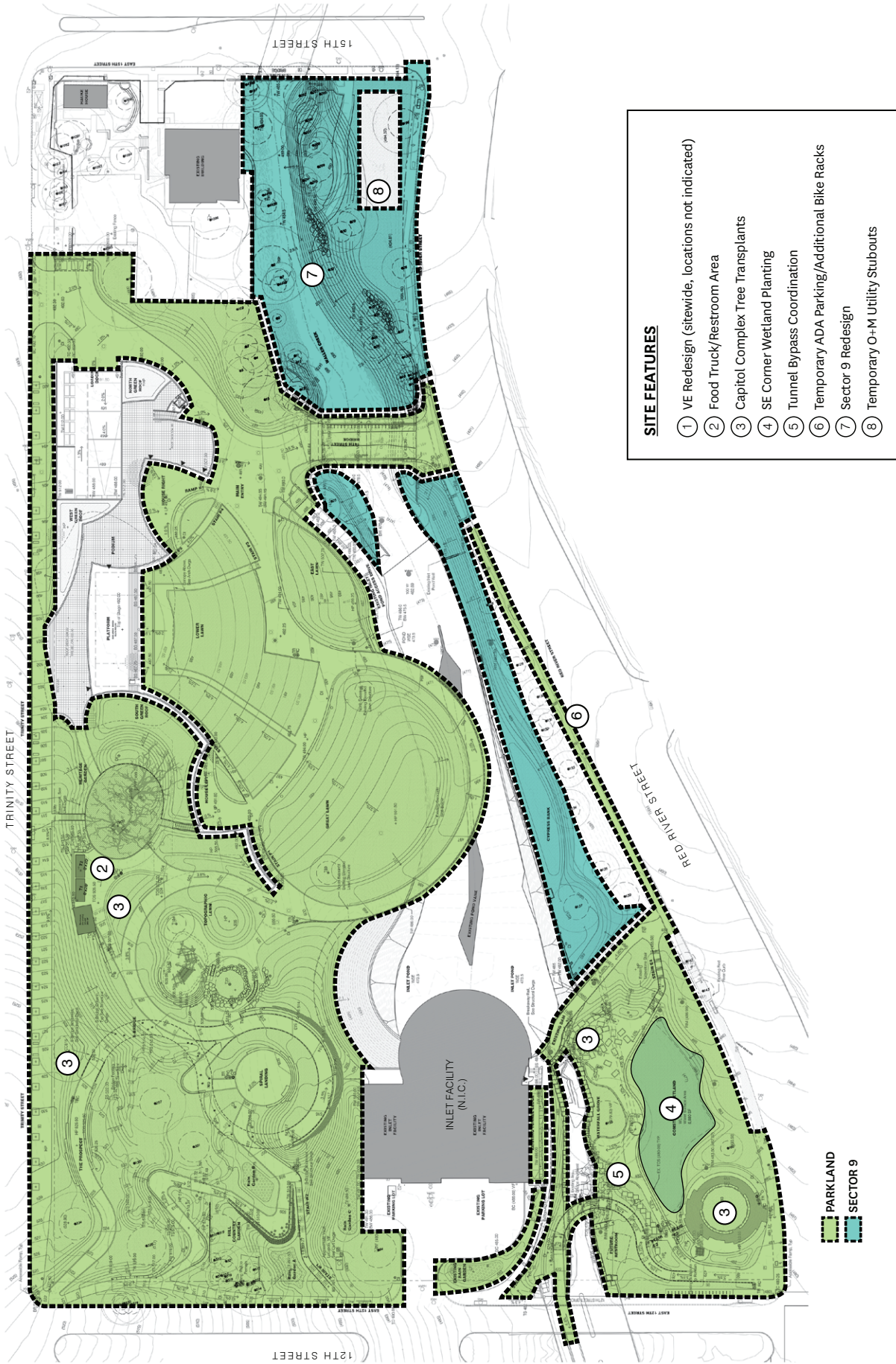
Part One: Parkland

EXHIBIT 2J MVVA Fee and Expense Summary
EXHIBIT 2K MVVA Proposal
EXHIBIT 2L Benz Resource Group (BRG) Proposal
EXHIBIT 2M Big Red Dog (BRD) Proposal
EXHIBIT 2N Tillett Lighting Design Proposal
EXHIBIT 2O dwg Landscape Design Proposal
EXHIBIT 2P Altura Solutions Proposal
EXHIBIT 2Q Olsson Associates Proposal
EXHIBIT 2R Terracon Proposal
EXHIBIT 2S EEA Consulting Engineers Proposal (Parkland)
EXHIBIT 2T Architectural Engineers Collaborative (AEC) Proposal
EXHIBIT 2U James Pole Proposal
EXHIBIT 2V ETM Proposal
EXHIBIT 2W LimnoTech Proposal
EXHIBIT 2X ACI Consulting Proposal
EXHIBIT 2Y Michael Hsu Office of Architecture (MHOA) Proposal
EXHIBIT 2Z Lady Bird Johnson Wildflower Center (LBJWC) Proposal

Part Two: Performance Venue

EXHIBIT 2AA TPP Fee and Expense Summary
EXHIBIT 2BB TPP Proposal
EXHIBIT 2CC ARUP Proposal
EXHIBIT 2DD Altieri Sebor Wieber Proposal
EXHIBIT 2EE Guy Nordenson & Associates Proposal

Part I: Parkland



WATERLOO PARK PROJECT AREA DIAGRAM
Part II: Performance Venue

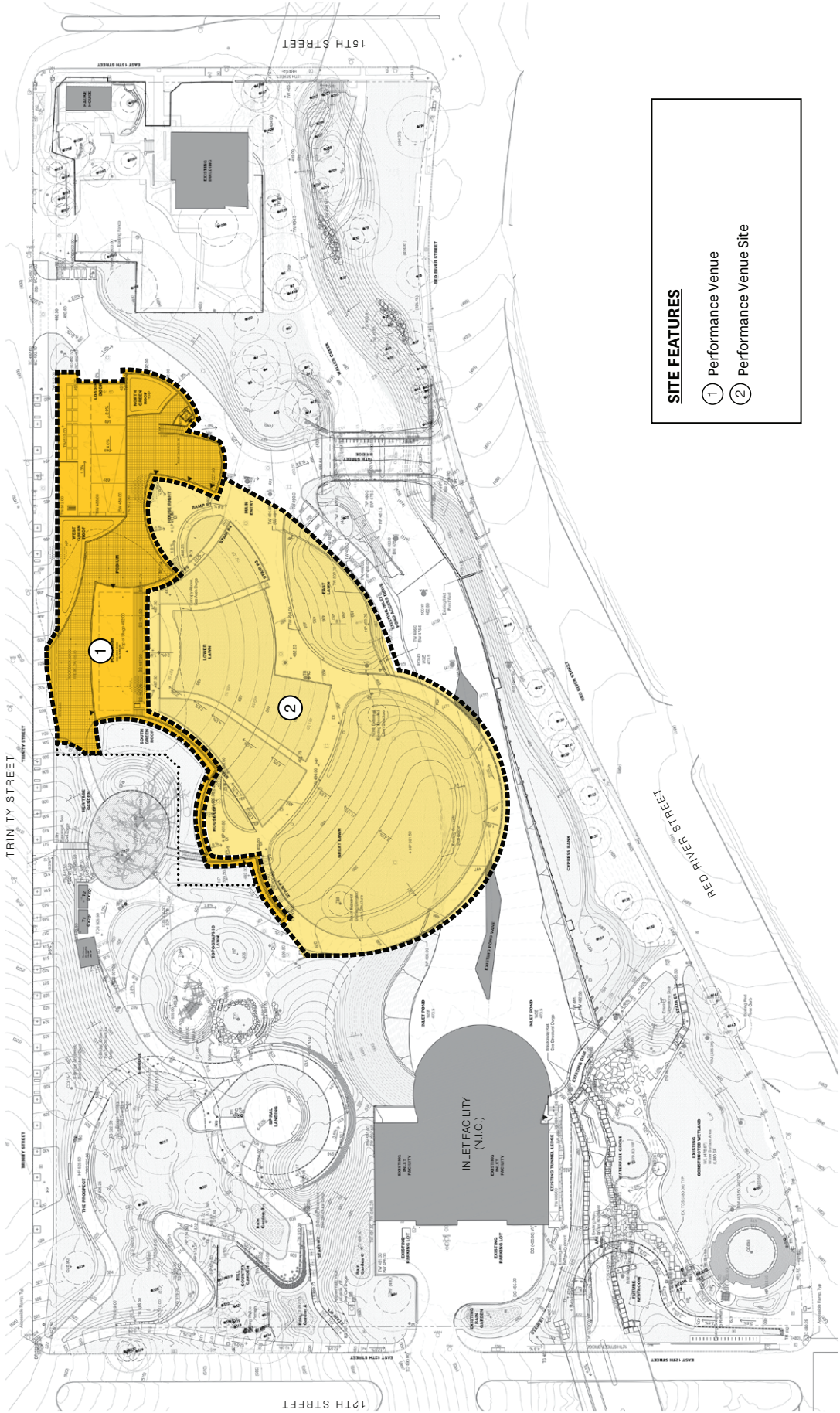
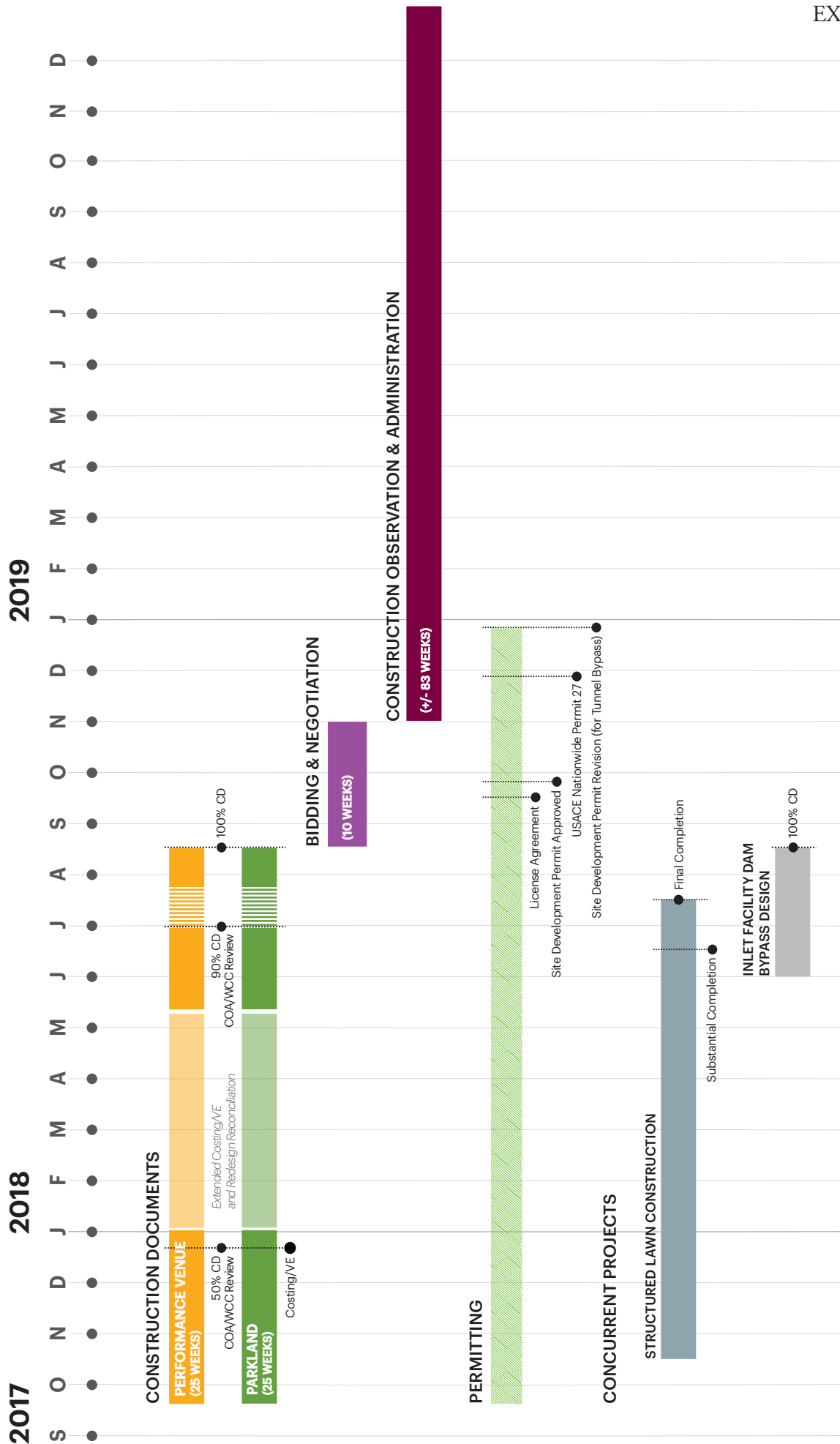


EXHIBIT B: PROJECT SCHEDULE



ADDENDUM to the Waterloo Park CD + Bidding Phase Plan	
Project Budget Summary	
Part One: Waterloo Parkland	
Professional Services Fees and Allowances	\$ 748,498
Reimbursable Expenses	\$ 13,129
Cost Overrun Reserve	\$ 50,000
	\$ 811,627
Part Two: Performance Venue	
Professional Services Fees and Allowances	\$ 200,100
Reimbursable Expenses	\$ 5,500
Cost Overrun Reserve	\$ 50,000
	\$ 255,600
Total Phase Plan	\$ 1,067,227
see detail attached	

ADDENDUM to the Waterloo Park CD + Bidding Phase Plan		
Project Budget		
Part One: Waterloo Parkland	Fees	Reimb
Parkland MVVA Team	\$ 612,105	\$ 11,935
BRG Project Management Fees	\$ 41,393	\$ 1,194
	\$ 653,498	\$ 13,129
Additional Survey Allowance	\$ 20,000	
Structured Lawn Waterproofing Allowance	\$ 25,000	
Permitting Fee Allowance	\$ 20,000	
Tree Care Allowance	\$ 30,000	
	\$ 95,000	
Cost Overrun Reserve	\$ 50,000	
Summary		
Professional Services Fees and Allowances	\$ 748,498	
Reimbursable Expenses	\$ 13,129	
Cost Overrun Reserve	\$ 50,000	
	\$ 811,627	

ADDENDUM to the Waterloo Park CD + Bidding Phase Plan			
Funding Summary			
Part One: Waterloo Parkland			
MVVA Team Fees		Reimbursables	
ADDENDUM to Parkland (CD+Bidding+Permitting)	\$ 129,200	\$ 5,700	
Performance Venue Site Area (CD+Bidding+Permitting)	\$ 27,000	\$ -	
Food Truck Site	\$ 72,920	\$ -	
Restroom Building	\$ 70,565	\$ 775	
Capitol Complex Tree Coordination	\$ 38,000	\$ 500	
WCC Funded Work / SE Corner Wetland	\$ 38,500	\$ 100	
WPD Funded Work / Sector 9 (CD+Bidding+Permitting)	\$ 193,120	\$ 4,760	
WPD Funded Work / Inlet Bypass Coordination (Design+SD)	\$ 42,800	\$ 100	
Parkland ADDENDUM MVVA Team Total	\$ 612,105	\$ 11,935	
All Professional Services Fees and Allowances			\$ 748,498
Reimbursable Expenses			\$ 13,129
Cost Overrun Reserve			\$ 50,000
			\$ 811,627
WCC Funding (SE Corner Wetland)			\$ 38,600
WPD Funding (Sector 9)			\$ 197,880
WPD Funding (Inlet Bypass Coordination + SDP)			\$ 42,900
PARD Funding (80% of remainder)			\$ 425,798
WCC Funding (20% of remainder)			\$ 106,449
TOTAL Part One: Parkland CD ADDENDUM Funding			\$ 811,627

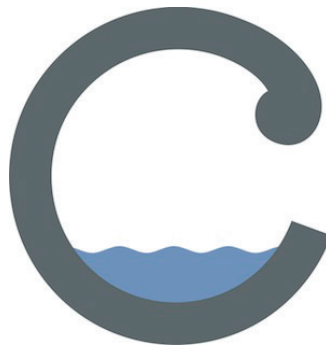
ADDENDUM to the Waterloo Park CD + Bidding Phase Plan		
Project Budget		
Part Two: Waterloo Performance Venue	Fees	Reimb
Performance Venue TPP Team	\$ 190,100	\$ 5,500
BRG Project Management Fees	\$ -	\$ -
	\$ 190,100	\$ 5,500
Building Permit Fee Allowance	\$ 10,000	
	\$ 10,000	
Cost Overrun Reserve	\$ 50,000	
Summary		
Professional Services Fees and Allowances	\$ 200,100	
Reimbursable Expenses	\$ 5,500	
Cost Overrun Reserve	\$ 50,000	
	\$ 255,600	

ADDENDUM to the			
Waterloo Park CD + Bidding Phase Plan			
Part One: Parkland			
Capital Needs Projection			
	Total Fees	Total Reimbursable Expenses	
	\$ 748,498	\$ 13,129	
Months	Fees	Reimb Exp	
1	\$ 150,000	\$ 2,500	
2	\$ 150,000	\$ 3,000	
3	\$ 150,000	\$ 3,000	
4	\$ 150,000	\$ 2,500	
5	\$ 148,498	\$ 2,129	
	\$ 748,498	\$ 13,129	
* These projections will fluctuate in response to adjustments in work flow			
* Does not include the Cost Overrun Reserve			
ADDENDUM to the			
Waterloo Park CD + Bidding Phase Plan			
Part Two: Performance Venue			
Capital Needs Projection			
	Total Fees	Total Reimbursable Expenses	
	\$ 200,100	\$ 5,500	
Months	Fees	Reimb Exp	
1	\$ 40,100	\$ 1,250	
2	\$ 40,000	\$ 1,250	
3	\$ 40,000	\$ 1,000	
4	\$ 40,000	\$ 1,000	
5	\$ 40,000	\$ 1,000	
	\$ 200,100	\$ 5,500	
* These projections will fluctuate in response to adjustments in work flow			
* Does not include the Cost Overrun Reserve			

Waller Creek District

**ADDENDUM to the Waterloo Park
Construction Documents
and Permitting Phase Plan**

Part One: Parkland



May 31, 2018

Waterloo Parkland -- CD Addendum Scope Matrix

5/23/2018

PARKLAND									
	MVVA	BRD	Tillett	dwg	Altura	Terracon	EEA	AEC	
1 VE Redesign	X	X	X	X	X	X	X	X	
2 O&M Facility Utility Stub-ups	X	X					X		
3 Permitting (SDP Integration + ROW)	X	X		X					

PERFORMANCE VENUE SITE									
	MVVA	BRD	Tillett	dwg	EEA	AEC			
1 Venue VE Redesign (Impact to site)	X	X	X	X	X	X			
2 Permitting (Trinity ROW, SDP Integration)	X	X		X					

FOOD TRUCK/RESTROOM SITE									
	MVVA	BRD	Tillett	dwg	Terracon	EEA	AEC	ETM	
1 Food Truck Site	X	X	X	X		X	X		
2 Food Truck/Restroom O+M	X								X
3 Permitting (SDP)	X	X		X					

RESTROOM STRUCTURE									
	MHOA	Altura	EEA	AEC					
1 Food Truck Layout	X	X							
2 Restroom Structure	X	X	X	X					
3 Permitting (Building)	X								

Capitol Complex Tree Transplant									
	MVVA	dwg	ETM						
1 Site Plan Integration and Coordination	X	X							
2 Permitting (TORA)	X								
3 O+M Manual	X	X	X						

SE Corner Wetland									
	MVVA	Olsson	LBJWC	ETM					
1 Wetland Planting Design	X	X	X						
2 Wetland O+M	X			X					

WPD - Sector 9									
	MVVA	BRD	dwg	EEA	AEC	Olsson	Terracon	James Pole	LimnoTech
1 Sector 9 Redesign	X	X	X	X	X	X	X	X	X
2 Permitting (SDP Integration)	X	X	X						
3 Permitting (USACE)	X								X

Inlet Bypass Coordination									
	MVVA	BRD	dwg	Terracon	LimnoTech				
1 Bypass Coordination	X	X	X	X	X				
2 Permitting (SDP Integration)	X	X		X					

EXHIBIT D: IMPLEMENTATION PLAN [20180524 DRAFT]

Waterloo Park, Part I: Parkland

The additional scope included in this Addendum to the Construction Documents, Bidding and Permitting Phase Plan of Waterloo Park, Part I Parkland was in part a result of the extended VE and Costing period that followed the Waterloo Parkland and Performance Venue 50% CD Submission in December. In addition to the redesign work for the owner-approved VE items, the scope detailed below includes new scope identified during and following the VE and Costing period. The MVVA Team will continue to coordinate as needed with the Performance Venue design team, led by Thomas Phifer and Partners (TPP). It is assumed that the Part I Parkland and Part II Performance Venue work will continue to run concurrently.

Addendum to Task 3: Construction Documents

As shown in the revised Project Area Diagrams and Parkland Scope Matrix, this addendum includes both VE redesign and new scope. The VE redesign efforts include but is not limited to: the reduction in width of the primary circulation path and S-Bridge, a reduction in cost of play elements (without a reduction of program), a reduction of stone (site-wide), the reduction of the cistern size, and a reduction in planting. The MVVA Team's efforts will also include redesign as a result of VE items approved for the Performance Venue, such as the replacement of the planter edge with at-grade vine planting and adjustments to the building envelope, and the removal of the trash enclosure. In addition to MVVA, the following consultants will require additional fees to perform design rework as a result of the VE process: Big Red Dog, Tillett, DWG, Altura, Terracon, EEA, and AEC.

During and following the extended VE/Costing period, several new scopes of work were identified for the MVVA Team (refer "Waterloo CD Addendum Scope Matrix" for team members included in each new scope area). New scope areas are as follows:

Food Truck and Restroom Area

As an outcome of the VE process, the Café building (previously covered under a separate phase plan) was removed and replaced with a food service and restroom area to be included in the Waterloo Parkland limit of work. This area will accommodate food trucks/trailers and a restroom building. Michael Hsu Office of Architecture (MHOA) and team will provide the design and documentation (drawings and specifications) of the restroom building, and coordinate with the MVVA Team on the programming layout of the food service area. MHOA will coordinate with ETM to provide content for the O+M Manual, as well as provide drawings and permit expediting to attain the Building Permit approvals.

Capitol Complex Tree Transplants

Waterloo Park will receive up to three large Live Oak transplants from the Texas Capitol Complex. Two of these transplants will be coordinated in collaboration with the City of Austin-held contract, and the third transplant will be performed under a WCC contract. MVVA will continue to work with the owner team to identify locations for these trees and perform the required site plan adjustments. DWG will perform field measurements of the root ball and canopy projections and other tasks to prepare the trees for relocation, as well as participate in meetings with, or coordinate with the City Arborist on specific

requests related to the pre-construction needs of the tree relocations. It is assumed that the contractor(s) providing tree transplanting services will provide a maintenance regime for these transplant trees to ETM to incorporate into the Waterloo Park section of the O+M Manual, with review and assistance from DWG.

SE Corner Wetland

Formerly excluded from the Parkland limit-of-work, the planting design for the permitted constructed wetland in the SE corner of the Park is now be included in the design team's scope of work. Lady Bird Johnson Wildflower Center (LBJWC) is being brought on to the MVVA team for this scope and will coordinate their efforts with MVVA for planting design, and Olsson for wetland soil design. LBJWC will coordinate with ETM to incorporate this new scope into the Waterloo Park section O+M Manual. In order for this scope of work to align with the revised project schedule, the design team will require timely responses from WPD and Waller Creek Tunnel O+M (WCT) to any queries regarding associated permitting requirements and requests for as-built information—including accurate survey information on the as-built permitted extents of the wetland. Note that at this time, the wetland has not yet been planted and completed by WCT but it is assumed that it will be before the WCT project closes out.

Sector 9 Redesign

The scope of the ongoing Sector 9 effort, which was previously initiated to mitigate the rise situation resulting from the expanded footprint of the Performance Venue, has been redefined to include in-channel and expanded bank stabilization, heritage tree preservation, and an understanding of flooding impacts north of 15th St. bridge. In order for this scope of work to align with the revised project schedule, the design team will require timely responses to design updates and presentations from the owner team that provide clear design direction. To complete the design and engineering of this expanded scope, the design team has requested supplemental survey information. Given the compressed schedule and to proceed without delay, this information should be supplied soon as possible.

Inlet Bypass

It is understood that a separate team under WCT will design and engineer the Inlet Bypass in the SE corner. The MVVA Team will include design services to coordinate with the WCT team as well as permitting services to integrate the structure into the Site Development Permit for Waterloo Park. In addition to MVVA, the consultants covered in this scope are: BRD, DWG, Terracon and LimnoTech.

As needed, the MVVA Team will provide plans and sections to the WCT team for coordination purposes and participate in weekly coordination meetings with the WCT team to ensure integration of the bypass structure is coordinated with the Parkland design, and to assess impacts to adjacent trees, the constructed wetland and any other Parkland features.

The current assumption is that this scope of work will leave the permitted wetland intact. Throughout the design process the MVVA team will evaluate the bypass structure to confirm there will be no adverse impact to the wetland or the existing heritage tree during construction. A determination of certain or probable impact to the wetland may result in additional design effort and Additional Service requests. It is assumed that this scope of work will align to the revised Parkland schedule and will not impact substantially on the current design of the SE Corner. Any delays in the design development of this scope of work that will require a redesign of the SE Corner, may result in Additional Service requests.

Trips to Austin

During the remainder of the CD phase and inclusive of the Bidding Phase, MVVA will make up to three (3), 3-person trips to Austin. One more trip is anticipated for the CD phase, and two trips in Bidding—one to review contractor bids, and the other potentially for a pre-bid meeting.

Addendum to Task 4: Bidding

Due to increased scope and new site components resulting from the VE Redesign and new scope identified above, there will be additional effort in the bidding phase for select team members.

Addendum to Task 7: Permitting

(Ongoing)

This addendum includes expanded permitting scope for BRD and DWG, who along with members of the owner team, will lead the ongoing site development permit process and ROW Encroachment Agreement and License Agreement. MVVA, BRD and DWG will participate in weekly coordination meetings conducted by the owner team. This effort will include integration of the revised or new site components resulting from the VE Redesign effort into subsequent SDP submittals, as well the additional scope detailed below:

ROW Encroachment and License Agreement Permitting

DWG and BRD will document and permit the permanent improvements in the ROW through a Declaration of Use agreement (by way of an encroachment agreement application). In addition, DWG and BRD will coordinate with WCC and the project's city partners to develop the landscape portion of the COA License Agreement submittal, including documentation of the streetscape improvements in the ROW.

Capitol Complex Tree Transplants

For the Capitol Complex Tree Transplants, DWG will provide permitting services to complete the Tree Ordinance Review Application (TORA), as well as integration into the SDP submittal for Waterloo Park. The TORA process is understood as the agreed-upon path forward by the City and DWG will coordinate their efforts with the City.

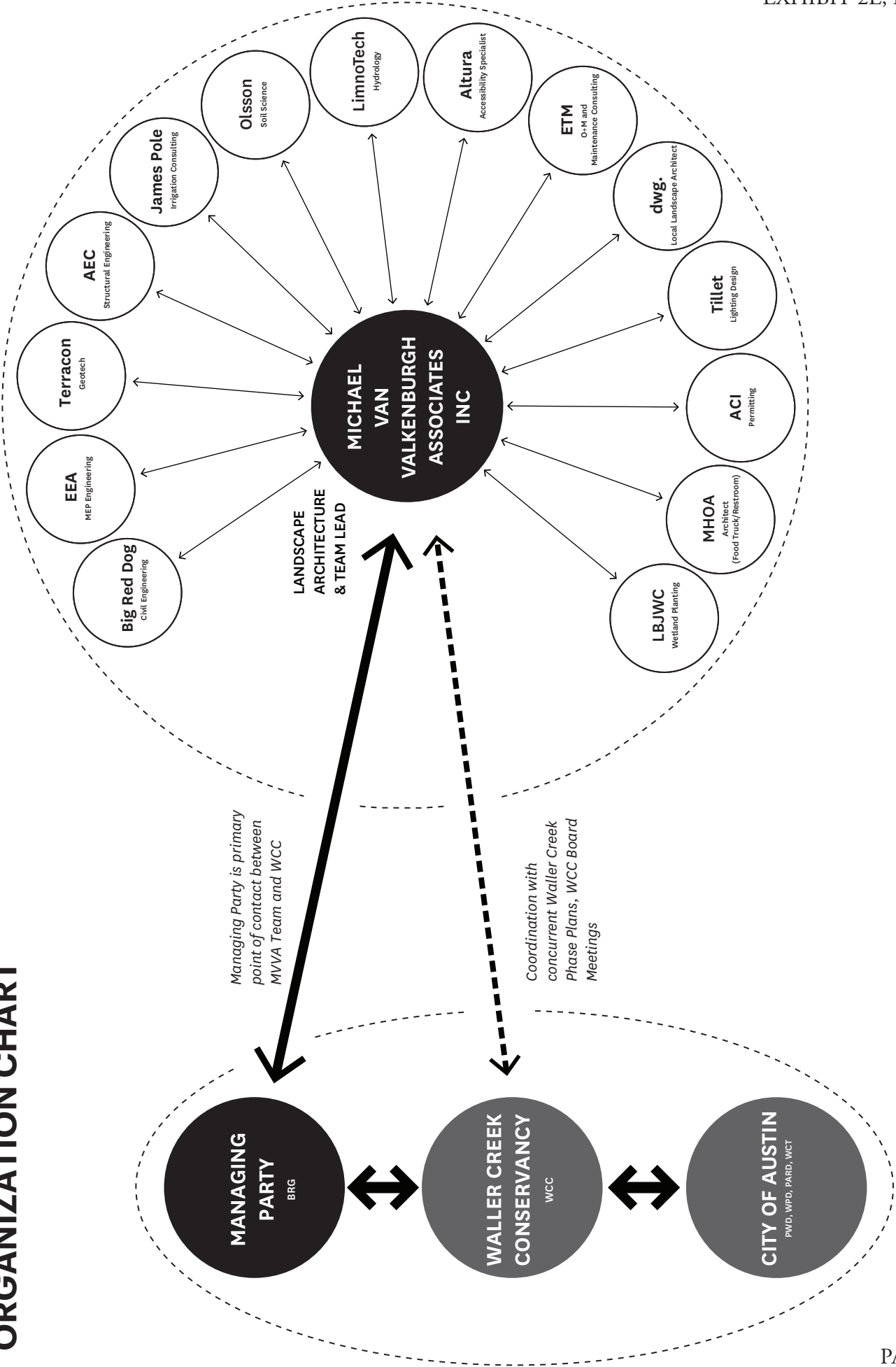
Sector 9 Redesign

For the Sector 9 redesign work, ACI's previous scope to prepare the Nationwide Permit 13 has been replaced with scope to prepare and submit the Nationwide Permit (NWP) 27 – *Aquatic Habitat Restoration, Establishment, and Enhancement Activities*, as and the NWP 27 PCN (pre-construction notification). If needed, ACI will also prepare a Texas Parks and Wildlife Department Aquatic Resource Relocation Plan.

Inlet Bypass

The MVVA team will incorporate the design program related to the Inlet Bypass into a revision to the current Site Development Permit for Waterloo Park. The current assumption is that this will be a three-month process following the SEP approval. It is assumed that all USACE permitting activity associated with the bypass structure (and any resulting impacts to the creek) is excluded from the design team's scope.

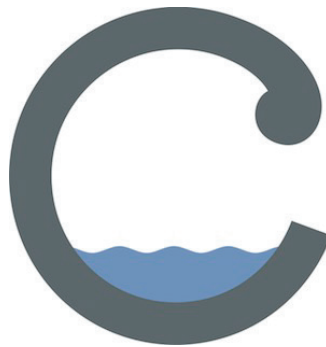
ORGANIZATION CHART



Waller Creek District

**ADDENDUM to the Waterloo Park
Construction Documents
and Permitting Phase Plan**

Part Two: Performance Venue



May 31, 2018

Performance Venue

Thomas Phifer and Partners

Task Matrix

Thomas Phifer and Partners will provide lead project management and be the primary point of contact for the performance venue team. Weekly project coordination meetings in New York City and telecommunication video conference calls with local consultant teams will occur on a weekly and daily basis. Meetings in Austin are also included in this task.

Scope of Work

A Task Items

Project Management

COA/WCC Meetings (Austin)

Bi-Weekly Consultant Meetings

Presentation to Board Members

Building Code Analysis

Programming Confirmation

Meet with City of Austin to review project requirements

Determine schedule of permit applications/approvals

Platform and Support Facility Technical Requirements

Coordination of Structural/ Mechanical/ Electrical Engineers

Roof Structural System

Wind Testing Procedures

Material Assist - Roof Structure

HVAC System Segregation and Zoning / Energy Compliance

[illegible]

Performance Venue

Thomas Phifer and Partners

Task Matrix

Thomas Phifer and Partners will provide lead project management and be the primary point of contact for the performance venue team. Weekly project coordination meetings in New York City and telecommunication video conference calls with local consultant teams will occur on a weekly and daily basis. Meetings in Austin are also included in this task.

Scope of Work	Architectural/Engineering Services										Construction Documents			
	Thomas Phifer and Partners	Mechanical, Electrical and Plumbing	Structural Engineering	Theater Consultant	Acoustical Consultant	Audio Visual Consultant	Lighting Consultant	IT Consultant	Waterproofing Consultant	Civil Consultant	Code Consultant	TAS ADA Review		
A Task Items														
Performance Venue Civil Design and Coordination	•													
Acoustical Performance for Support Facility	•				•									
Audio/Visual Equipment Requirements and Coordination	•					•								
Lighting Design Documentation	•						•							
Internet Technology Requirements and Coordination	•							•						
Waterproofing Review and Detail Coordination	•								•					
Kitchen Consultant Coordination with MEP	•		•		•		•			•	•			
Code Compliance Review and Coordination	•										•			
Loading Dock and Landscape Coordination	•	•	•						•					
90% Documents for Performance Platform and Support Facility	•	•	•	•	•	•	•	•	•	•	•		•	
100% Documents for Performance Platform and Support Facility	•	•	•	•	•	•	•	•	•	•	•		•	
Preparation / Collation of Specifications	•													

EXHIBIT D: IMPLEMENTATION PLAN**PART TWO: PERFORMANCE VENUE****Phase 2: Construction Documents Add Service****May 2018 through October 2018**

At the end of the Construction Document 50% review period there was an increase in project costs beyond the budget. There is additional time required to incorporate the approved Value Engineering items. The construction document extension will allow the design team to make changes and update the drawings.

What follows is from the previous Construction Document Phase Plan:

Construction Documents is the next phase for the design and construction of Waterloo Park's Performance Venue. Thomas Phifer and Partners will coordinate with MVVA on Part One: Parkland and as indicated in the Project Area Diagram.

With Design Development complete the next steps will document construction document services for the Performance Venue and will last five months. At the end of Construction Documents, two months are allocated for Bidding and Negotiations, Pricing and Reconciliation and finalizing the building permit. At 50% Construction Documents the drawings will be issued to the building department to start the permitting process.

During the next phase, the design team, lead by Thomas Phifer and Partners (TPP) will advance the theater stage, roof element and support facility building, inclusive of the back-of-house, front-of-house, park bathrooms and the ticketing booth, which was established during Schematic Design and Design Development phases.

The landscape has a significant role in supporting the performance venue. During the Design Development phase, TPP and MVVA worked closely together to provide a well conceived piece of architecture that will integrate the landscape design into a seamless architectural concept for the theater. During this phase the architectural and landscape drawings, and all associated consultants within each firm's oversight, will have a coordinated set of drawings for issuance of the 100% documents.

The theater operator provided the design team with a program related to use and function for the performance venue. During the CD phases, we will work closely with the operator to confirm the program and detail the necessary stage operational requirements and support facilities for a successful functioning venue. The theater operator has a unique perspective for this performance venue and during this phase they can confirm the program requirements.

Architectural Services

Construction Document Phase

After approval of the Design Development documents, which account for any adjustments to the program, schedule, budget or construction requirements, we will proceed to the construction document phase. We will assemble the construction documents consisting of drawings, details, schedules, specifications and other documents necessary to describe the project's complete material scope. The independent consultants, selected by Thomas Phifer and Partners, will also develop integrated plans for structural systems, mechanical systems, lighting systems, and other specialized trades necessary for the project. The coordinated documents of this phase will be suitable for submission for approval to local building authorities and architectural review entities. A detailed cost estimate, prepared by a qualified contractor, will be provided by the client at the conclusion of this phase to reflect the development of the design.

Drawings/Deliverables

Drawings will be submitted in .pdf format unless otherwise noted. Conversion to other file formats is not included in this scope. A 50%, 90% and 100% Construction Document package will be submitted to WCC for review.

The following consultants will produce drawings for the Design Development phase and will participate in QA/QC review of these drawings.

Engineering Services

- Guy Nordenson and Associates (Structural)

Construction Documents

Prepare the Construction Documents including Drawings and Specifications for the structural items of the work.

Incorporate all revisions of the Design Development modifications and decisions as well as peer reviews and value engineering, up to the issuance of the CD50% drawings set.

Coordinate structural systems with the Architect's and other consultant's work as indicated by the Architect.

Prepare final structural calculations.

Review the effects of elements designed by others on the primary structural system(s) as directed by the Architect.

Attend and participate in meetings and work sessions with the Design Team.

Provide information to allow Cost Estimator to perform a refined cost estimate of structural systems.

Participate in value engineering discussion, reviews, and decisions to maintain the budget goals and requirements.

- Altieri Sebor Weiber (MEP)

Construction Documents

Meet with design team members for detailing final coordination of construction documents throughout this phase.

Prepare final electrical panel layouts including all circuiting.

Make final selection of items of major equipment.

Submission of energy calculations to demonstrate compliance with applicable energy codes.

Complete construction documents based on design development documents approved by the Owner.

Assist in evaluating mechanical and electrical estimates; participate in value engineering as required.

Value engineering specifically excludes gross system redesign, which will be billable as an extra service.

Prepare documents for permit submission.

- Theatre Consultants Collaborative (Theater Consultants)

Construction Documents

Theatre Planning & Design

Review and comment on the architect's and engineers' progress drawings.

Assist the architect with design details required in the contract documents.

Assist with Value Engineering analysis.

Theatre Systems Design

Coordinate contract documents with mechanical, electrical, and structural engineers.

Prepare drawings and specifications for the performance equipment for which TCC is responsible, for incorporation into the architect's scope.

Participate in project team meeting(s) and conference calls as required (refer to trip schedule in Fee and Expenses).

- Arup (Acoustics)

Construction Documents

Review and comment on MEP noise and vibration control

Provide type, location and integration of architectural finishes to meet room acoustic goals

Coordinate and annotate architectural drawings for sound isolation requirements.

Stage Acoustics Recommendations

Sound Isolation Recommendations

For MEP engineers to design and incorporate noise and vibration control in their designs we shall:

Provide detailed design recommendations to the MEP engineer for spaces rated less than NC30

Provide general guidelines for spaces rated NC30 and higher

- Arup (AV)

Construction Documents

Incorporate comments from client review of the DD submittal.

Review the 90% CD and provide comments and drawing mark-ups for incorporation into the final construction drawings, as appropriate

Provide review of design progress documentation for coordination. Assess the incorporation of previously issued audiovisual design information. Issue a coordination review summary document as appropriate prior to the 100% CD completion stage

Provide infrastructure, architectural integration, and audiovisual system connectivity drawings, and equipment and installation specifications, at the completion of 100% CD phase suitable for competitive bidding and selection of contractors

- Arup (Lighting)
Construction Documents
Review and annotate architect's drawings to show modifications to layouts, and provide additional type and control designation. The architects and engineers shall use these drawings in the preparation of the contract documents.
Provide sketches, where required, to clarify the design and develop lighting details with the architect
Provide a written luminaires specification in CSI format
Provide lighting control schedule
Coordinate issues related to lighting with structural and MEP trades
Provide uninstalled luminaire costs for the cost consultant to carry out a cost check. Others shall determine quantities.
- Arup (IT)
Construction Documents
Review and comment on architectural and SMEP drawings and specifications to confirm that communications requirements are incorporated and coordinated
Work with project team to coordinate contract documents with all other disciplines
Review and comment on cost estimates produced by the construction estimator
Produce construction document drawings that illustrate additional detail to DD information, including rack elevations, final outlet types and locations, and termination equipment details
Produce full CD-level specifications
Review construction cost estimates prepared by the cost consultant
- Simpson Gumpertz and Heger (Waterproofing)
Construction Documents
Drawing and Specification Review: Perform one review of the 50% construction document (CD) drawings and technical specification sections relevant to the building enclosure systems.
Attend a working meeting at TPP's office after completion of our 50% CD review to discuss building enclosure system detailing and prior to the issuance of a final CD set.
Assist with the development of special details for integrating the building enclosure systems with one another and addressing atypical enclosure conditions.
- Jensen Hughes (Code)
Construction Documents
Revise the Fire Protection and Building Code Summary Report one time for inclusion in the Final Construction Document Submittal.
Review the Construction Document architectural drawings at approximately 50% completion for conformance with locally adopted codes and standards.

Attend one meeting with the Client and City of Austin in Austin area or via conference call to discuss the fire protection and life safety aspects of the project.

Provide General Consulting for miscellaneous support including attendance at meetings, and the preparation of correspondence and project documentation related to items discussed and/or researched during the Construction Document Phase that are not included as basic services and JH's defined scope of work.

Bidding & Negotiations

For all consultants:

Assist the Architect in the preparation of Bid Documents.

Assist the Architect in evaluation of bids for completeness and correctness.

Provide responses to RFI's during the procurement and bidding process.

Determine and assist with additional alternates if required to maintain budget or create a cost savings.

Project Management and Meetings

Thomas Phifer and Partners will provide lead project management and be the primary point of contact for the design team associated with the Performance Venue, in addition to coordinating among sub-consultants (via bi-weekly team calls) and with WCC. Sub-consultants have only scoped internal project management needs.

Cost Estimation / Value Engineering

This scope includes review of one (1) cost estimate per phase which will be provided by the owner. It also includes a maximum of two (2) pricing scenarios for specific design alternatives and related systems. Items identified for value engineering will be incorporated into Design Development.