

**NOTICE OF JOINT MEETING OF THE BOARD OF DIRECTORS OF
THE TOWN OF CAREFREE, AZ UTILITIES COMMUNITY FACILITIES DISTRICT
AND THE BOARD OF DIRECTORS OF THE CAREFREE WATER COMPANY, INC.**

WHEN: TUESDAY, SEPTEMBER 6, 2022

WHERE: CAREFREE TOWN COUNCIL CHAMBERS*
33 EASY STREET, CAREFREE, AZ 85377

TIME: 3:30 P.M.

Pursuant to A.R.S. § 10-822, notice is hereby given of the time, place and purposes of a meeting of the Board of Directors of the Town of Carefree Utilities Community Facilities District and the Board of Directors of the Carefree Water Company, Inc., an Arizona corporation.

Members of the Board of Directors are participating by technological means or methods pursuant to A.R.S. §10-708.

CALL TO ORDER

SILENT ROLL CALL

AGENDA

ITEM #1 Approval of the May 3, 2022 UCFD/CWC meeting minutes.

ITEM #2 Approval of the June 7, 2022 UCFD/CWC meeting minutes.

ITEM #3 Approval of the July 5, 2022 UCFD/CWC meeting minutes.

ITEM #4 Review, discussion and possible action to approve Resolution 2022-06 authorizing the Chairman of UCFD to enter into Construction Services Contract No. C2022-02 with Achen-Gardner Construction, LLC, for Guaranteed Maximum Price (GMP) A3, Tom Darlington Water Storage Reservoir Backfill, Utility Yard, and Landscaping, associated with the Carefree Water Consolidation Project.

ITEM #5 Adjournment.

DATED this 30th day of August, 2022.

TOWN OF CAREFREE

BY: Kandace French Contreras
Kandace French Contreras, Town Clerk/Treasurer

Items may be taken out of sequence

****All official Town Council and Commission meetings are scheduled to be held in-person within Council Chambers, located at 33 Easy St.***

The Town is currently in the process of upgrading its audio/visual equipment. Audio recordings of official meetings will be posted to our website for public record until the new equipment is available for video recording.

Thank you for your patience as we work to improve our systems.



FOR SPECIAL ACCOMMODATIONS

Please contact the Carefree Town Clerk, 8 Sundial Circle (PO Box 740), Carefree, AZ 85377; (480) 488-3686, at least three working days prior to the meeting if you require special accommodations due to a disability.

MINUTES OF THE MEETING OF THE TOWN OF CAREFREE, AZ UTILITIES SEP - 6 2022
COMMUNITY FACILITIES DISTRICT BOARD OF DIRECTORS AND THE BOARD
OF DIRECTORS OF THE CAREFREE WATER COMPANY, INC. # 1

WHEN: TUESDAY, MAY 3, 2022

WHERE: ZOOM ONLINE MEETING ID: 322 972 9660*

TIME: 4:00 P.M.

CALL TO ORDER

Attending:
Chairman Les Peterson

Absent:
None

Board Members:

John Crane
Vince D'Aliesio
Tony Geiger
Stephen Hatcher
Mike Johnson
Cheryl Kroyer

Also Attending:

Greg Crossman, District Manager and Water Company General Manager; Gary Neiss, Carefree Town Administrator; Michael Wright, District and Water Company Attorney; Kandace French Contreras, District Clerk and Water Company Secretary.

Chairman Peterson opened the meeting at 4:00 p.m.

AGENDA

ITEM #1 Approval of the March 29, 2022, UCFD/CWC meeting minutes.

Board Member Kroyer **MOVED TO APPROVE** the March 29, 2022, UCFD/CWC meeting minutes. **SECONDED** by Vice Chairman Crane. **CARRIED**, unanimously.

ITEM #2 Presentation on the proposed Town of Carefree, Arizona Utilities Community Facilities District (Carefree UCFD) budget (informational only).

Greg Crossman, District Manager and Water Company General Manager presented via PowerPoint details of the proposed UCFD budget for FY 2022-2023 and responded to questions from the Board.

Vice Chairperson Crane asked for clarification under the *Revenues from Carefree Water Company* heading, where the *Capital Construction Revenue (Includes Federal Local Match)* comes from?

District Manager Crossman replied, Capital Construction Revenue is revenue coming from the Carefree Water Company's budget.

Board Member Hatcher asked how confident Mr. Crossman is that they will see the American Rescue Plan and Developer Contributions funds that are listed under *Other Financing Sources*? Mr. Crossman is confident that the American Rescue Plan funds will be coming in. Although, earmarked for the Town of Carefree, the Town has agreed to pass those funds along to Carefree Water Company to aid in the construction of the water consolidation project. Developer Contributions are less certain and are there to reflect contributions if the Northeast corner of Cave Creek Road and Carefree Highway comes in and Developer Contributions come to fruition. These funds will aid in improvements to Neighborhood A.

Board Member D'Aliesio asked if there are any future grants that they may be eligible for? Mr. Crossman replied, not that he is aware of.

Mr. Crossman responded to question from Board Member Johnson regarding the Budget item, **Public Infrastructure – Construction**, asking if there were enough funds currently to complete the Water tank, piping etc.? Mr. Crossman responded, yes.

District Manager Crossman responded to other suggestions for consideration from the Board.

ITEM #3 Presentation on the proposed Carefree Water Company budget, rates, fees, and charges (informational only).

Greg Crossman, District Manager and Water Company General Manager summarized the Carefree Water Company budget and water rates proposal. In addition, he provided a detailed overview of rate considerations that were factored in, informing the Board that the proposal for FY 2022/2023 is consistent with the 5-year rate plan that the UCFD/CWC Board approved in 2021.

Mr. Crossman explained, this proposal includes a 4.4% increase in Base and Commodity fees. Resulting in an increase in the average residential bill of \$5.05 per month (based on an average usage of 12,000 gallons/month), putting the Carefree Water Company revenues at approximately \$3.5M for FY 22-23.

Mr. Crossman informed the Board that staff is recommending significant changes to parts of the budget that are typically left alone related to Fees, Deposits and Charges, including:

- Implementation of a \$20 Acquisition Fee that applies to all new customers acquired under the Carefree Water Consolidation Project,
- Increase of all fees related to new development by 27.5% based on inflation,
- Implementation of a new *Water Supply Fee*. The new *Water Supply Fee* accomplishes repayment to Carefree Water Company customers for past water rights expenditures and develops a pool for funding for future water supply acquisitions that may be needed to support future development. Mr. Crossman presented the *Water Supply Fee* recommendations as follows:
 - \$1,445.00 for each new single family residential (SFR) unit
 - \$722.50 for each new multi-family residential (MFR) unit
 - \$2,890.00/acre foot of annual demand for all other water demands

District Manager Crossman responded to Board Member Hatcher regarding the timeline of the 4.4% increases. Mr. Crossman reminded the Board of the 5-year plan which calls for 4.4% increases over the next 3 fiscal years, then reassesses rate increases based on what the economy is doing at that time.

Board Member Geiger had questions on Mr. Crossman's analysis related to calculating supply fees when referencing the Bartlett Lake expansion and the cost of that water. Mr. Geiger reminded the Board that there had been talks in the past of participation in that study but didn't see anything in the budget that would fund the UCFD's participation in that study. Board Member Geiger continued that, if exploring alternate water sources in the future, should we be considering the Bartlett Lake expansion as one of our water sources and if so, should we be participating in that study in this fiscal year? Mr. Crossman informed that this may be a future agenda item brought before the Board.

Board Member Geiger continued that in the past there were also talks of a recharge water as another source to improve the Town's water portfolio into the future. He asked if is this something that will be addressed in 2023? Mr. Crossman explained, there have been institutional/legislative issues related to the use of CAP water and prohibitions against leasing CAP water, concluding that recharge will not be addressed in the next fiscal year budget.

Vice Chairman Crane asked if Mr. Crossman has consulted with the Town's water attorney regarding recharging our excess CAP water? Mr. Crossman responded, there have been multiple discussions surrounding this and how to work through the institutional issues at hand.

Chairman Peterson reminded the Board that there is a ballot initiative which impacts the water storage reservoir along Tom Darlington Drive. He asked Mr. Crossman if that initiative were to pass, could moving the water storage reservoir be accommodated within the budget? District Manager Crossman responded, no, if the initiative does pass, those monies are not included in the current budget and would be a significant impact if that were to come to fruition.

ITEM #4 Review, discussion, and possible action to approve Resolution 2022-02 adopting the proposed Carefree UCFD budget and the proposed Carefree Water Company budget, rates, fees, and charges and calling for a Public Hearing.

District Manager Crossman outlined Resolution 2022-02 which approves the proposed FY 22-23 UCFD budget, approves the proposed FY 22-23 CWC budget (including rates, fees, deposits, and charges), and orders a public hearing (next agenda item).

Board Member Hatcher **MOVED TO APPROVE** Resolution 2022-02 approving the proposed FY 22-23 UCFD budget, approving the proposed FY 22-23 CWC budget (including rates, fees, deposits, and charges), and ordering a public hearing (next agenda item). **SECONDED** by Board Member Johnson. **CARRIED**, unanimously.

ITEM #5 Public Hearing on the proposed Carefree UCFD budget and the proposed Carefree Water Company budget, rates, fees, and charges.

Chairman Peterson opened the Public Hearing and asked for public comment.

Public comment was heard from Carefree resident Maureen Benedetto.

Chairman Peterson then closed the Public Hearing.

ITEM # 6 Adjournment.

Board Member Kroyer **MOVED TO ADJOURN.** **SECONDED** by Board Member D’Aleisio. **CARRIED,** unanimously at 5:02 p.m.

DATED this 3rd day of May, 2022.

UTILITIES COMMUNITY FACILITIES DISTRICT
CAREFREE WATER COMPANY

BY: *Samantha Gesell*
Samantha Gesell, Planning Clerk

TOWN OF CAREFREE

Les Peterson, Chairman

ATTEST:

Kandace French Contreras, Secretary/Treasurer

CERTIFICATION

I hereby certify that the foregoing minutes are a true and correct copy of the Town of Carefree, AZ Utilities Community Facilities District Board of Directors and the Board of Directors of the Carefree Water, Inc. Held May 03, 2022. I further certify that the meeting was duly called and held and that a quorum was present.

UTILITIES COMMUNITY FACILITIES DISTRICT
CAREFREE WATER COMPANY

BY: _____
Kandace French Contreras, Secretary/Treasurer

**MINUTES OF THE MEETING OF THE TOWN OF CAREFREE, AZ UTILITIES
COMMUNITY FACILITIES DISTRICT BOARD OF DIRECTORS AND THE BOARD
OF DIRECTORS OF THE CAREFREE WATER COMPANY, INC.**

UCFD/CWC

WHEN: TUESDAY, JUNE 7, 2022

WHERE: CAREFREE TOWN COUNCIL CHAMBERS
33 EASY STREET, CAREFREE, AZ 85377

LIVESTREAM: [HTTPS://ZOOM.US/](https://zoom.us/j/3229729660)
MEETING ID 322 972 9660
PASSCODE 12345

TIME: 4:00 P.M.

SEP - 6 2022

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CALL TO ORDER

Attending:
Chairman Les Peterson

Absent:
None

Board Members:

John Crane
Vince D'Aliesio
Tony Geiger
Stephen Hatcher (*Arrived at 4:10*)
Mike Johnson
Cheryl Kroyer

Also Attending:

Greg Crossman, District Manager and Water Company General Manager; Gary Neiss, Carefree Town Administrator; Meghan Orem, District and Water Company Accountant; Michael Wright, District and Water Company Attorney; Kandace French Contreras, District Clerk and Water Company Secretary.

Chairman Peterson opened the meeting at 4:00 p.m.

AGENDA

ITEM #1 **Approval of the March 16, 2021 Joint Meeting Minutes of the Carefree Town Council and the Board of Directors of the Carefree, Arizona Utilities Community Facilities District (UCFD).**

Board Member Kroyer **MOVED TO APPROVE** the March 16, 2021 Joint Meeting Minutes of the Carefree Town Council and the Board of Directors of the Carefree, Arizona Utilities Community Facilities District (UCFD). **SECONDED** by Vice Chairman Crane. **CARRIED**, unanimously.

ITEM #2 Review, discussion, and possible action to approve Resolution 2022-03, adopting the FY 2022-2023 Carefree UCFD Budget, and adopting the FY 2022-2023 Carefree Water Company Budget, Rates, Fees, Deposits, and Charges.

Greg Crossman, UCFD District Manager and Carefree Water Company General Manager presented via PowerPoint a summary of the budget process. On May 3rd the proposed budgets (rates, fees, deposits and charges) were approved. AGENDA ITEM #2 is for possible action to adopt the final budgets (rates, fees, deposits, and charges) via Resolution 2022-03.

Mr. Crossman informed the Board of minor changes to the final budget:

- UCFD budget: 4 Sources of funding identified as “potential”
- Water Company budget: Funds identified for participation in the Bartlett Dam Study
- Water Company budget: Insurance premium questions were clarified
- Water Company fees: Water supply fee – added definition of “significant impact” (15AF or more) – requirement to bring water

District Manager Crossman responded to questions and comments from the Board.

Board Member Geiger **MOVED TO APPROVE** Resolution 2022-03 adopting the final district budget for FY 2022-2023, the final fiscal budget is presented as Exhibit B to this resolution and also approves and adopts the final FY 2022-2023 Carefree Water Company Budget, Rates, Fees, Deposits, and Charges, attached to the resolution. **SECONDED** by Board Member Kroyer. **CARRIED**, unanimously.

ITEM #3 Informational Only – Presentation by Ron Klawitter of Salt River Project (SRP) on the Bartlett Dam Modification Feasibility Study and Steering Committee.

Greg Crossman, UCFD District Manager and Carefree Water Company General Manager introduced Ron Klawitter, Senior Principal, Water System Projects at Salt River Project.

Chairman Peterson informed the Board that this study provides the very preliminary stages of something that might be 15 to 20 years off and may potentially provide a further supply of water as an alternate water source.

Mr. Klawitter presented via PowerPoint history and details of the Bartlett Modification Feasibility Study. He presented an overview of the U.S. Bureau of Reclamation Water & Related Projects Planning and a timeline of the Appraisal Study & path to the Feasibility Study:

- September 2020: Appraisal Study kick-off
- May 2021: Draft appraisal report release for Stakeholder comment
- June 2021: Stakeholder comments due to the Bureau of Reclamation
- July-November 2021: Reclamation internal technical and policy review
- November 2021: Feasibility Study authorization and funding in *Infrastructure Investment and Job Act of 2021*.
- December 2021: Feasibility study cost-share agreement for non-federal parties.

Mr. Klawitter presented the Appraisal Study recommendations and the Feasibility Plan of Study which included:

- Evaluation of the Bartlett modification pursuant to “Reclamation Manual, Directives and Standards: CMP 09-02 *“Water and Related Resources Feasibility Studies”*”
- Address uncertainties identified in the Appraisal Study
- Develop cost-share agreements for the Feasibility Study

Mr. Klawitter provided slides demonstrating the Verde and Salt River conservation storage, highlighting the extent of the sediment issues, and providing methods for remediation that were addressed. He also provided Bartlett Dam modification options and the estimated annual water yield in acre-feet that would be developed under the various alternatives.

Concluding his presentation, Mr. Klawitter explained the next steps and project milestones:

- Appraisal Study – 1 to 2 years: Final in Fall of 2021
- Feasibility Study and Cost Agreements – 4 years: 2022-2025
- Congressional authorization – timing contingent on Finding of Feasibility and available authorities.
- Construction – contingent on Congressional authorization – 5-10 years: 2030-2035

Mr. Klawitter responded to questions and comments from the Board.

ITEM #4 Informational Only – Presentation by Christa McJunkin of Salt River Project (SRP) on the Salt River/CAP Interconnection Facility (SCIF).

Christa McJunkin, Director of Water Strategy at Salt River Project (SRP), presented background of the SRP to CAP Interconnection Facility explaining that SRP has partnered with the CAP to hire HDR Engineering, Inc. to perform a preliminary design and engineering study adding that SRP has contracted separately with HDR to look at additional alternatives. Ms. McJunkin displayed an aerial view of the alternative evaluations and estimated construction costs HDR has provided thus far.

Ms. McJunkin outlined the Salt River Projects next steps:

- Phase 1: Determine preferred alternative
- Phase 2: Design & permitting
- Phase 3: Construction
- Phase 4: Operation

Further outlining, Phase 1:

- Participating entities to negotiate and enter into an MOU (Memorandum of Understanding) to describe the process, selection of a preferred alternative, planning designing and building SCIF; includes description of future cost share agreements for such purposes.
- Allow participating entities to be added or removed.
- Participating entities review existing engineering work to determine whether enough has been done to select an alternative.
- If not, participating entities enter into a cost share agreement to hire a consultant to do additional work to select an alternative.

Ms. McJunkin concluded her presentation and responded to questions and comments from the Board.

ITEM #5 Review, discussion, and input from the Board on possible participation in the Bartlett Dam Modification Steering Committee.

The group discussed the importance of becoming a member (non-voting) in the Bartlett Dam Modification Steering Committee.

Board Member Hatcher **MOVED TO APPROVE** participation in the Bartlett Dam Modification Steering Committee and the authorization to fund \$30,000.00 in order to participate for 1 year as a nonvoting member. **SECONDED** by Board Member D'Aliesio. **CARRIED**, unanimously.

ITEM # 6 Adjournment.

Meeting was adjourned by unanimous consent at 5:07 p.m.

DATED this 7th day of June 2022.

UTILITIES COMMUNITY FACILITIES DISTRICT
CAREFREE WATER COMPANY

By:

Samantha Gesell

Samantha Gesell, Planning Clerk

UCFD/CWC

Kandace French Contreras, Secretary/Treasurer

BOARD OF DIRECTORS

Les Peterson, Chairman

Attest:

Kandace French Contreras, Secretary/Treasurer

CERTIFICATION

I certify that the foregoing minutes are a true and correct copy of the minutes of the meeting of the Carefree Water Company/Utilities Community Facilities District Board of Directors held on March 29, 2022. I further certify that the meeting was duly called and held and that a quorum was present.

Samantha Gesell, Planning Clerk

**MINUTES OF THE JOINT MEETING OF THE BOARD OF DIRECTORS OF
THE TOWN OF CAREFREE, AZ UTILITIES COMMUNITY FACILITIES DISTRICT
AND THE BOARD OF DIRECTORS OF THE CAREFREE WATER COMPANY, INC.**

UCFD/CWC

SEP - 6 2022

3

WHEN: TUESDAY, JULY 5, 2022

WHERE: CAREFREE TOWN COUNCIL CHAMBERS
33 EASY STREET, CAREFREE, AZ 85377

LIVESTREAM: [HTTPS://ZOOM.US/](https://zoom.us/j/3229729660)
MEETING ID 322 972 9660
PASSCODE 12345

TIME: 4:30 P.M.

CALL TO ORDER

Attending:

Chairman Les Peterson

Absent:

None

Board Members:

Vice Chairman John Crane
Vince D'Aliesio
Tony Geiger (via telephone)
Stephen Hatcher
Mike Johnson
Cheryl Kroyer

Also Attending:

Greg Crossman, District Manager and Water Company General Manager; Gary Neiss, Carefree Town Administrator; Michael Wright, District and Samantha Gesell, Planning Clerk.

Chairman Peterson opened the meeting at 4:30 p.m.

AGENDA

ITEM #1 Review, discussion, and possible action to approve Resolution 2022-04, authorizing the General Manager of the Carefree Water Company to enter an "Agreement to Share Costs for the Feasibility Study of Bartlett Dam Modification Alternatives."

Carefree Water Company General Manager, Greg Crossman presented via PowerPoint. Beginning with an overview of the 2 presentations that were given in June by SRP staff, both having to do with long term water supply planning issues. Mr. Crossman displayed a map depicting the locations of Bartlett Dam, the proposed SCIF (SRP-CAP Interconnection Facility) and the CAP canal and how they relate to the Town of Carefree.

Mr. Crossman further explained, the Bartlett Dam Modification Feasibility Study will address loss of storage due to natural sedimentation on the Verde River and look at increased storage capacity by capturing flood waters. Addressing this long-term loss of storage due to sedimentation, SRP and the Bureau of Reclamation were also looking at the potential to increase the storage capacity on the Verde River which would allow this dam system to capture flood waters that otherwise would be released downstream and not be put to beneficial use. One option is to increase the height of Bartlett Dam by 62 feet, this would increase the storage capacity and available water on an annual basis on the river system by approximately 60,000-acre feet. Option 2 is to increase the height of Bartlett Dam by 97 feet which would generate another 100,000-to-115,000-acre feet of water that could be allocated on the river. The estimated cost per acre foot of this water would be approximately \$2500 per acre foot. Mr. Crossman explained, by today's standards, this is very inexpensive water as water rights today range from \$7,000 to \$10,000 per acre foot.

Mr. Crossman informed that he wrote a letter on behalf of Carefree Water Company, requesting participation in the Bartlett Dam Steering Committee as a non-voting member. He explained, that participation in the steering committee does not guarantee an allocation of water from Bartlett Dam, however pursuing an allocation does have very high potential to diversify our water portfolio. This request will be considered by the Steering Committee in late July/August.

General Manager, Crossman responded to questions from Council regarding water allocation. Board Member D'Aliesio inquired, voting rights on the committee does in essence put us in line so that once the raising of the dam is completed and the water allocation is set to begin, it gives us a foot in and keeps us in tune with what is going on and the potential for getting an allocation from Bartlett Dam? Mr. Crossman responded, that is correct, it will keep us in tune with what is happening with the Steering Committee, as they develop criteria for allocations. Mr. Crossman concluded, if nothing else, it keeps us in tune as the raising of Bartlett Dam, and the construction of the new dam. This will have a significant economic impact on Carefree. The Town of Carefree is one of the closest communities to Bartlett Dam. If this comes to fruition, there will be a massive construction effort that will happen on the Verde River that will have implications for the Town of Carefree. In the future an increased size of Bartlett Lake would become a recreational opportunity to the likes of Lake Pleasant.

Mr. Crossman responded to questions from the Board regarding the Steering Committee voting rights and membership upgrades. Chairman Peterson recognized, this Steering Committee seems to be unscrupulously honest, fair, and ethical. General Manger, Crossman agreed, especially when it comes to water rights. There is an understanding that water rights are forever. Mr. Crossman did acknowledge however, that assessing the *need* for water, is going to be a big criterion for allocating this water, which makes Carefree Water Company's record keeping important to justify our need for water.

Board Member Geiger confirmed, when the decision time comes, can we show the Committee our water needs, based our record keeping and be ready to go. Mr. Crossman responded, we do have records and know exactly where we sit from a water supply perspective and where we are headed in the future. Mr. Crossman reminded, we are still a ways from making the decision whether Bartlett Dam is going to be raised and whether we will have additional water to allocate.

Board Member Kroyer **MOVED TO APPROVE** Resolution 2022-04, authorizing the General Manager of the Carefree Water Company to enter an "Agreement to Share Costs for the Feasibility

Study of Bartlett Dam Modification Alternatives.” **SECONDED** by Board Member D’Aliesio. **CARRIED**, 7-0.

ITEM #2 Review, discussion, and possible action to approve Resolution 2022-05 authorizing the General Manager of the Carefree Water Company to enter into a “Memorandum of Understanding to Support the Planning, Design, Permitting, Construction, and Operation of the SRP-CAP Interconnection Facility.”

General Manager Crossman provided details of the Memorandum of Understanding (MOU). Explaining, this MOU is under consideration by 14 other entities and supports the planning of the SRP-CAP Interconnection Facility (SCIF). There is no monetary commitment and there is little risk in participating. Mr. Crossman explained the logistics of the water delivery capability between the CAP (Central Arizona Project) and the SRP (Salt River Project). Mr. Crossman displayed a graphic exhibiting how it could work geographically for Carefree.

Board Member Kroyer ask who the 14 entities are? Mr. Crossman responded, most of them are communities around the valley who have access to SRP water but who may not necessarily be able to get SRP water to all portions of their community.

Board Member Hatcher raised question regarding the time frame of the completion of the SCIF. Mr. Crossman approximated a 5–10-year range, as opposed to the Bartlett Dam project which is a 10-20-year time frame as this is a federal project which will go through a lot of national environmental policy act requirements.

Vice Chairman Crane **MOVED TO APPROVE** Resolution 2022-05 authorizing the General Manager of the Carefree Water Company to enter into a “Memorandum of Understanding to Support the Planning, Design, Permitting, Construction, and Operation of the SRP-CAP Interconnection Facility.” **SECONDED** by Board Member Kroyer. **CARRIED**, 7-0.

ITEM #3 Adjournment.

Board Member Kroyer **MOVED TO ADJOURN**. **SECONDED** by Board Member D’Aliesio. **CARRIED**, unanimously.

DATED this 6th day of July, 2022.

TOWN OF CAREFREE

BY: Samantha Gesell

Samantha Gesell, Planning Clerk

TOWN OF CAREFREE

Les Peterson, Chairman

Attest:

Samantha Gesell, Planning Clerk

CERTIFICATION

I hereby certify that the foregoing minutes are a true and correct copy of the Town of Carefree, AZ Utilities Community Facilities District Board of Directors and the Board of Directors of the Carefree Water, Inc. held July 5, 2022. I further certify that the meeting was duly called and held and that a quorum was present.

Samantha J. Gesell, Planning Clerk

UTILITIES COMMUNITY FACILITIES DISTRICT
CAREFREE WATER COMPANY

By:_____

**CAREFREE WATER COMPANY AND
CAREFREE UTILITIES COMMUNITY FACILITIES DISTRICT**

BOARD COMMUNICATION

TO: CHAIRMAN AND BOARD MEMBERS

FROM: GREG CROSSMAN, DISTRICT MANAGER *GC*

DATE: AUGUST 30, 2022

SUBJECT: SEPTEMBER 6, 2022, BOARD AGENDA ITEM NO. 4

Attached for your review prior to the September 6, 2022, Board meeting are the following documents covered under Agenda Item No. 4:

- 1) Resolution No. 2022-06 authorizing the Chairman of the Board to enter into the following contract;
- 2) Carefree Water Consolidation Project Construction Contract No. C2022-02 with Achen-Gardner Construction, LLC covering Guaranteed Maximum Price (GMP) A3 for Backfilling, Utility Yard Construction, and Landscaping at the Tom Darlington Water Storage Reservoir Site in an amount not to exceed \$2,109,534.92.

BACKGROUND

The Carefree Water Consolidation Project is over halfway into the construction phase of the project. A critical piece of infrastructure needed to serve Neighborhood A is the new Tom Darlington Water Storage Reservoir (WSR). This new underground reservoir will provide the Carefree Water Company system with 300,000 gallons of potable water storage for meeting peak water demands and fire protection requirements. The addition of this new reservoir to Carefree's water system will increase our total potable water storage capabilities to over 2 million gallons.

Under two previously issued GMP contracts, Achen-Gardner, Carefree's Construction Manager at Risk (CMAR) has completed the reservoir excavation and the structural concrete construction of this new underground water storage reservoir. The work under these two previous GMPs is substantially complete.

For consideration by the Board at the September 6th meeting is the final GMP for the Tom Darlington reservoir site, GMP A3. GMP A3 will cover all items needed to finalize the water storage reservoir construction, including the installation of a small utility area and access driveway to support the operation and maintenance of the water storage reservoir, full burying of the water storage reservoir (backfilling) and site grade restoration, native plant landscaping, and installation of all other aesthetic features.

RECOMMENDATION

Staff recommends the approval of Resolution 2022-06 which authorizes the Chairman of the Board to enter into Construction Contract No. C2022-02 with Achen-Gardner Construction, LLC covering Guaranteed Maximum Price (GMP) A3 for Backfill, Utility Yard, and Landscaping associated with the Tom Darlington Water Storage Reservoir. This contract is in an amount not to exceed \$2,109,534.92. Approval of this Resolution and Contract will allow a critical piece of the Carefree Water Consolidation Project to be finalized in an expeditious manner.

Please contact Greg Crossman (480-488-9100; greg@carefreewaterco.com) with any questions.

RESOLUTION 2022-06

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE TOWN OF CAREFREE, ARIZONA UTILITIES COMMUNITY FACILITIES DISTRICT (UCFD), AUTHORIZING THE CHAIRMAN OF THE BOARD OF DIRECTORS TO EXECUTE CONSTRUCTION MANAGER AT RISK (CMAR) CONSTRUCTION SERVICES CONTRACT NO. C2022-02 WITH ACHEN-GARDNER CONSTRUCTION, LLC, FOR GUARANTEED MAXIMUM PRICE (GMP) A3, TOM DARLINGTON WATER STORAGE RESERVOIR – BACKFILL, UTILITY YARD, AND LANDSCAPING

WHEREAS, providing adequate water service to the public is an important, proper, and necessary public purpose; and

WHEREAS, the UCFD has acquired the right to serve those portions of Carefree currently served potable water by the Town of Cave Creek, also known as the Carefree Service Area (CSA) and Neighborhoods A, B, and C; and

WHEREAS, the acquisition of the CSA requires a significant construction effort to disconnect, reconnect, and reintegrate portions of the Town of Cave Creek and Carefree Water Company potable water systems to be performed under the Carefree Water Consolidation Project; and

WHEREAS, the UCFD and the Town of Carefree have determined that the delivery method best suited for the Carefree Water Consolidation Project is the CMAR process; and

WHEREAS, Achen-Gardner Construction, LLC, has been selected as the CMAR for the Carefree Water Consolidation Project; and

WHEREAS, Achen-Gardner Construction, LLC, has previously entered into construction contracts for GMP A1 and A2 for the Tom Darlington Water Storage Reservoir; and

WHEREAS, the work being performed under GMPs A1 and A2, including reservoir excavation and structural concrete construction, is substantially complete; and

WHEREAS, Achen-Gardner Construction, LLC, has provided to the UCFD GMP A3 for the backfilling of the underground reservoir, the construction of a small utility yard to support the operation and maintenance of the reservoir, and the landscaping and aesthetic improvements for the site; and

WHEREAS, the Tom Darlington Water Storage Reservoir is an essential component required to provide adequate water service to Neighborhood A of the CSA and to supplement fire protection capabilities for the entire Carefree Water Company system.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the UCFD that the Chairman of the Board is hereby authorized to execute Construction Services Contract No. C2022-02 with Achen-Gardner, LLC for GMP A3, Tom Darlington Water Storage Reservoir – Backfill, Utility Yard, and Landscaping; and further authorizing the disbursement of funds for these purposes.

PASSED AND ADOPTED BY the Board of Directors of the Town of Carefree, Arizona Utilities Community Facilities District this 6th day of September, 2022.

AYES ___ NAYS___ ABSTENTIONS___ ABSENT___

TOWN OF CAREFREE, ARIZONA
UTILITIES COMMUNITY FACILITIES
DISTRICT

ATTESTED TO:

Les Peterson, Chairman of the
Board of Directors

Kandace French Contreras
District Clerk

APPROVED AS TO FORM:

Michael W. Wright
Attorney for the District

**TOWN OF CAREFREE, ARIZONA UTILITIES
COMMUNITY FACILITIES DISTRICT**

**CONSTRUCTION MANAGER AT RISK
CONSTRUCTION SERVICES**

CAREFREE WATER CONSOLIDATION PROJECT

PROJECT NO. 2021-W01

**CONTRACT NO. C2022-02
GMP A3 – TOM DARLINGTON WATER STORAGE RESERVOIR
BACKFILL, UTILITY YARD, AND LANDSCAPING**

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**TOWN OF CAREFREE, ARIZONA UTILITIES
COMMUNITY FACILITIES DISTRICT**

**CONSTRUCTION MANAGER AT RISK
CONSTRUCTION SERVICES**

**PROJECT NO. 2021-W01
CONTRACT NO. C2022-02
GMP A3 – TOM DARLINGTON WATER STORAGE RESERVOIR
BACKFILL, UTILITY YARD, AND LANDSCAPING**

THIS CONTRACT, entered into this 6th day of September, 2022, between the Town of Carefree, Arizona Utilities Community Facilities District, a special purpose tax-levying district and municipal corporation and political subdivision of the State of Arizona (the “UCFD”) and Achen-Gardner Construction, LLC, an Arizona Limited Liability Company, (the “CONSTRUCTION MANAGER AT RISK” or “CMAR”).

RECITALS

- A.** The UCFD is authorized by provisions of ARS 48-709 to execute contracts for construction services.
- B.** The UCFD intends to construct the Carefree Water Consolidation Project and other water system improvements, referred to in this Contract as the “Project,” located within the current and future service area of the Carefree Water Company (the “Water Company”).
- C.** The CMAR has represented to the UCFD the ability to provide construction management services and to construct the Project. Based on this representation the UCFD desires to engage Achen-Gardner Contractors, LLC, to provide these services and construct the Project.
- D.** Contract No. C2021-01 has been executed previously between the UCFD and CMAR for Preconstruction Design services. Those services may continue during the duration of this Contract.

FOR AND IN CONSIDERATION of the parties' mutual covenants and conditions, the UCFD and the CMAR agree as follows:

ARTICLE 1 – CMAR'S SERVICES AND RESPONSIBILITIES

1.0 The CMAR shall furnish any and all labor, materials, equipment, transportation, utilities, services and facilities required to perform all Work for the construction of the Project. The Work must be to the satisfaction of the UCFD and strictly in accordance with all legal requirements and Project Contract Documents as modified. The services may not be required to be performed in the sequence in which they are described. Generally, this project requires the installation of approximately 34,000 lineal feet of 4" to 12" potable water pipe, a 300,000 gallon potable water storage reservoir, and improvements to multiple booster pump stations. The services to be provided under this Contract generally include the backfilling of an underground concrete water storage reservoir at the Tom Darlington site along with the construction of a utility yard at the reservoir site and landscaping and aesthetic improvements as prescribed in Exhibit C attached hereto and by reference made part of this contract.

1.1. GENERAL SERVICES

1.1.1. The CMAR's Representative must be reasonably available to the UCFD and must have the necessary expertise and experience required to supervise the Work. CMAR's Representative must communicate regularly with the UCFD but not less than once a week and must be vested with the authority to act on behalf of the CMAR. The CMAR's Representative may be replaced only with the written consent of the UCFD.

1.2. GOVERNMENT APPROVALS AND PERMITS

1.2.1. Unless otherwise provided, the CMAR shall make application for and obtain or assist the UCFD and the Design Team in obtaining all necessary permits, approvals and licenses required for the prosecution of the Work from any government or quasi-government entity having jurisdiction over the Project. The CMAR is specifically required to obtain the necessary environmental permits or file the necessary environmental notices. Any environmental permits and licenses will be paid by the UCFD in accordance with the provisions of Article 2.4.

1.2.2. Copies of all necessary permits and notices must be provided to the Construction Admin Supervisor and Contract Administrator before starting the permitted activity. This provision is not an assumption by the UCFD of an obligation of any kind for violation of the permit or notice requirements.

1.2.3. The CMAR is responsible for making application for and obtaining permit(s) for building and demolition, but the fees will be paid by the UCFD in accordance with Article 2.4. The CMAR will also obtain any necessary regulatory or permitting, reviews for grading and drainage, water, sewer and landscaping, but the fees for the permitting will be paid by the UCFD in accordance with Article 2.4.

- 1.2.4. The CMAR shall be responsible for all other review and permit fees not specifically listed in Article 2.4 below or as qualified in Exhibit B.
- 1.2.5. The CMAR shall be responsible for only metering all construction-related water use from the Carefree Water Company system through Final Acceptance of the Project. The CMAR shall be responsible for the installation cost for all temporary construction water taps, sewer taps, fire lines, and fire line taps. Arrangement for construction water is the CMAR's responsibility. Construction water includes "test water" required to complete new water line pressure tests. Construction water obtained from sources other than the Carefree Water Company shall be the responsibility of the CMAR, the full cost of which shall be paid by the CMAR.
- 1.2.6. For purposes of this Contract, the Maricopa Association of Governments (M.A.G.) Standard Specification 107.12 is modified to read as follows: The CMAR, at its own expense, shall be responsible for the acquisition of any necessary temporary easements for construction purposes, storage, maintenance, and refuge haul-off as indicated upon the plans, which are required in addition to existing easements and right-of-way secured by the UCFD.

1.3. PRECONSTRUCTION CONFERENCE

- 1.3.1. Before beginning any Work, the Contract Administrator will schedule a Preconstruction Conference. The UCFD and the CMAR have entered into a separate written contract for Design Phase services establishing the fee the UCFD will pay the CMAR for all Preconstruction services
- 1.3.2. The purpose of this conference is to establish a working relationship between the CMAR, utility firms, and various affected agencies and staff. The agenda will include critical elements of the work schedule, submittal schedule, cost breakdown of major lump sum items, CMAR Payment Requests and processing, coordination with the involved utility firms and/or utility companies (i.e. APS, SRP, SW Gas, etc.), and emergency telephone numbers for all representatives involved in the construction.
- 1.3.3. The construction Notice to Proceed (NTP) date will be established at the Preconstruction conference.
- 1.3.4. The CMAR will provide a Baseline Project Schedule indicating duration for all work items and activities included. The UCFD and Design Team will review and comment on the Baseline Project Schedule. The CMAR will revise the Baseline Project Schedule to the satisfaction of the Construction Admin Supervisor and Contract Administrator. No Work will begin until the UCFD accepts the Baseline Project Schedule.
- 1.3.5. The CMAR will submit a Schedule of Values based on the work and bids accepted from selected Subcontractors. These Values must reflect the actual labor time, materials, profit and overhead for the Work.
- 1.3.6. At a minimum, CMAR attendees must include CMAR's Representative, who is authorized to sign documents on behalf of the firm, the job superintendent, and the CMAR's safety officer.

1.4. CONTROL OF THE WORK

- 1.4.1.** The CMAR must properly secure and protect all finished or partially finished Work and is responsible for the Work until the entire contract is completed and accepted by the UCFD. Any payment for completed portions of the Work will not release the CMAR from this responsibility; however, it must turn over the entire Work in full accordance with these specifications before final settlement will be made. In case of suspension of the Work for any cause, the CMAR is responsible for the Project and will take all precautions as necessary to prevent damage to the Project and will erect any necessary temporary structures, signs, or other facilities at no cost to the UCFD.
- 1.4.2.** After all Work under the Contract is completed, the CMAR will remove all loose concrete, lumber, wire, reinforcing, debris and other materials not included in the final Work from the Work site.
- 1.4.3.** The CMAR must provide, through itself or Subcontractors, the necessary supervision, labor, inspection, testing, start-up, material, equipment, machinery, temporary utilities and other temporary facilities to permit the CMAR to complete the Work consistent with the Contract Documents, unless otherwise provided in the Contract Documents to be the responsibility of the UCFD or a separate contractor.
- 1.4.4.** The CMAR must perform all construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The CMAR will at all times exercise complete and exclusive control over the means, methods, sequences and techniques of construction.
- 1.4.5.** Survey stakes and marks required for the completion of the construction shown on the plans and as described in the specifications will be furnished by the CMAR.
- 1.4.6.** The CMAR or the CMAR's Superintendent must be present at the Work at all times that construction activities are taking place.
 1. All elements of the Work, such as concrete work, pipe work, etc., are under the direct supervision of a foreman or his designated representative on the Site who must have the authority to take actions required to properly carry out that particular element of the Work.
 2. In the event of noncompliance with this Contract as defined in Article 8 the UCFD may require the CMAR to stop or suspend the Work in whole or in part.
- 1.4.7.** Where the Contract Documents require that a particular product be installed and applied by an applicator approved by the manufacturer, the CMAR shall ensure the Subcontractor employed for this work is approved.
- 1.4.8.** The CMAR shall take field measurements and verify field conditions and will carefully compare all field measurements and conditions and other information known to the CMAR with the Contract Documents before

commencing activities. Errors, inconsistencies or omissions discovered will be immediately reported to the UCFD.

- 1.4.9.** Before ordering materials or conducting work, the CMAR and each Subcontractor must verify measurements at the Site and are responsible for the correctness and accuracy of these measurements. No extra charge or compensation will be allowed because of differences between actual dimensions and the dimensions indicated on the drawings; differences, which may be found, will be submitted to the UCFD for resolution before proceeding with the Work.
- 1.4.10.** The CMAR must establish and maintain all building and construction grades, lines, levels, and benchmarks, and is responsible for their accuracy and protection. This work will be performed or supervised by an Arizona licensed Surveyor.
- 1.4.11.** Any person employed by the CMAR or any Subcontractor who, in the opinion of the UCFD, does not perform his work in a proper, skillful and safe manner or is intemperate or disorderly shall, at the written request of the UCFD, be removed from the Work by the CMAR or the Subcontractor employing the person, and shall not be employed again in any portion of Work without the written approval of the UCFD. The CMAR or Subcontractor shall hold the UCFD harmless from damages or claims that may occur in the enforcement of this Article.
- 1.4.12.** The CMAR assumes responsibility for the proper performance of the Work of Subcontractors and any acts and omissions in connection with this performance. Nothing in the Contract Documents creates any legal or contractual relationship between the UCFD and any Subcontractor or Sub-Subcontractor, including but not limited to any third-party beneficiary rights.
- 1.4.13.** The CMAR must coordinate the activities of all Subcontractors. If the UCFD performs other work on the Project or at the Site with separate contractors under the UCFD's control, the CMAR agrees to reasonably cooperate and coordinate its activities with those of the separate contractors so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 1.4.14.** On a daily basis, the CMAR shall prepare a Contractor's Daily Report. The UCFD's Construction Admin Supervisor or its authorized Inspector will provide a sample report format to the CMAR. The report must detail the activities that occurred during the course of the day, all equipment utilized and the number of hours operated and all personnel on the site inclusive of Subcontractors. The Daily Reports must be submitted to the Construction Inspector and the Contract Administrator on a daily basis, unless otherwise arranged. Failure to provide Daily Reports as arranged or requested above may result in the retention of monthly progress payments until the Reports are brought up to date.
- 1.4.15.** In the event of noncompliance with this Article 1.4, the UCFD may require the CMAR to stop or suspend the construction in whole or in part. Any suspension, due to the CMAR's noncompliance will not be considered a

basis for an increase in the Contract Price or extension of the Contract Time.

1.5. CONTROL OF THE WORK SITE

1.5.1. Throughout all phases of construction, including suspension of the Work, the CMAR must keep the Site reasonably free from debris, trash and construction wastes to permit the CMAR to perform its construction services efficiently, safely and without interfering with the use of adjacent land areas. Upon Substantial Completion of the Work, or a portion of the Work, the CMAR will remove all debris, trash, construction wastes, materials, equipment, machinery and tools arising from the Work to permit the UCFD to occupy the Project or a portion of the Project for its intended use.

1.5.2. Dust Control. The CMAR will take appropriate steps, procedures or means required to prevent abnormal dust conditions due to its construction operations in connection with this Contract. The dust control measures shall be maintained at all times during construction of the Project to the satisfaction of the UCFD, in accordance with the requirements of the Maricopa County Health Department Air Pollution Control Regulations and UCFD of Scottsdale Supplement to M.A.G. Standard Specifications together with applicable provisions of Federal and State Law.

1.5.3. Dust Control Coordinator. At any UCFD construction site of 5 acres or more of disturbed surface area, subject to a permit issued by a Control Officer requiring control of PM-10 emissions from dust generating operations, the CMAR must have at all times at the Site, at least one Dust Control Coordinator trained in accordance with the requirements of A.R.S. §49-474.05 during primary dust generating operations that is related to the purposes for which the Dust Control Permit was issued. The Dust Control Coordinator must have full authority to ensure that dust control measures are implemented at the Site, including authority to conduct inspections, deploy dust suppression resources, and modify or shutdown activities as needed to control dust. The Dust Control Coordinator must be responsible for managing dust prevention and dust control on the Site, including the use of leaf blowers and street sweeping equipment. The Dust Control Coordinator must have a valid Dust Training Certification Identification Card readily accessible on the Site while acting as the Dust Control Coordinator.

The requirements described in the above paragraph do not apply if all of the following circumstances are present:

1. The area of disturbed surface area is less than 5 acres.
2. The previously disturbed areas are stabilized in accordance with the requirements of any applicable County rules.
3. The CMAR with the Dust Control Permit provides notice of the acreage stabilized to the County Control Officer.

On sites with greater than 1 acre of disturbed surface area, any CMAR holding a Dust Control permit issued by a County Control Officer, who is required to obtain a single permit for multiple noncontiguous sites that is required to control PM-10 emissions from dust generating operations must have, at least 1 individual who is designated as a Dust Control Coordinator. The Dust Control Coordinator must have a valid Dust Training Certification Identification Card readily accessible on the Site while acting as the Dust Control Coordinator. The Dust Control Coordinator must be present on Site at all times during primary dust generating activities that are related to the purposes for which the permit was issued.

A Subcontractor who is engaged in dust generating operations at a Site that is subject to a Dust Control Permit issued by a County Control Officer and that requires the control of PM-10 emissions from dust generating operations must register with the County Control Officer. The Subcontractor must have its registration number readily accessible on the Site while conducting any dust generating operations.

- 1.5.4.** If applicable, the CMAR shall maintain ADA and ANSI accessibility requirements during construction activities in an occupied building or facility. ADA and ANSI accessibility requirements must include, but not be limited to, parking, building access, entrances, exits, restrooms, areas of refuge, and emergency exit paths of travel. The CMAR is responsible for the coordination of all Work to minimize disruption to building occupants and facilities.
- 1.5.5.** Only materials and equipment used directly in the Work may be brought to and stored on the Site by the CMAR. When equipment is no longer required for the Work, it shall be removed promptly from the Site. Protection of construction materials and equipment stored at the Site from weather, theft, damage and all other adversity is solely the responsibility of the CMAR.
- 1.5.6.** The CMAR is responsible for the cost to dispose of all waste products including excess earth material that will not be incorporated into the Work under this Contract. The waste product will become the property of the CMAR. The CMAR shall provide for the legal disposal at an appropriate off-site location for all waste products, debris, etc., and shall make necessary arrangements for its disposal. Any disposal/dumping of waste products or unused materials will conform to applicable Federal, State and Local Regulations.
- 1.5.7.** The CMAR shall supervise and direct the Work. The CMAR is solely responsible for the means, methods, techniques, sequences and procedures of construction. The CMAR shall employ and maintain on the Work a qualified supervisor or superintendent who has been designated in writing by the CMAR as the CMAR's representative at the Site. The representative must have full authority to act on behalf of the CMAR and all communications given to the representative will be as binding as if given to the CMAR. The representative must be present on the Site at all times as required to perform adequate supervision and coordination of the Work. Where appropriate all Provisions of M.A.G., Section 105.5, will be applicable.

- 1.5.8.** In the event of abnormal weather conditions, such as windstorms, rainstorms, etc., the CMAR shall immediately inspect the Work Site and take all necessary actions to ensure public access and safety are maintained.
- 1.5.9. Damage to Property at the Site.** The CMAR is responsible for any damage or loss to property at the Site, except to the extent caused by the acts or omissions of the UCFD or its representatives, employees or agents and not covered by insurance. The costs and expenses incurred by the CMAR under this Article shall be paid as a Cost of the Work to the extent that the costs and expenses are in excess of or are not covered by required insurance, and to the extent of any deductibles, but will not increase the GMP.
- 1.5.10. Damage to Property of Others.** The CMAR shall avoid damage, as a result of the CMAR's operations, to existing sidewalks, curbs, streets, alleys, pavements, utilities, adjacent property, the work of Separate Contractors and the property of the UCFD. The CMAR shall repair any damage caused by the operations of the CMAR, which costs will be paid as a Cost of the Work to the extent that these costs and expenses are in excess of or are not covered by required insurance, and to the extent of any deductible, but shall not increase the GMP.
- 1.5.11. Failure of CMAR to Repair Damage.** If the CMAR fails to begin the repair of damage to property as required in Articles 1.5.9, and 1.5.10 and diligently pursue the repair, the UCFD will give the CMAR 10-days written notice to begin repairs. If the CMAR fails to begin the repairs within the 10-day notice period, the UCFD may elect to repair the damages with its own forces and to deduct from payments due or to become due to the CMAR amounts paid or incurred by the UCFD in correcting the damage.
- 1.5.12.** If applicable, the CMAR shall maintain American with Disabilities Act (ADA) and American National Standards Institute (ANSI) accessibility requirements during construction activities in an occupied building or facility. ADA and ANSI accessibility requirements must include, but not be limited to, parking, building access, entrances, exits, restrooms, areas of refuge, and emergency exit paths of travel. The CMAR is responsible for the coordination of all Work to minimize disruption to building occupants and facilities.

1.6. SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

- 1.6.1.** Shop Drawings, Product Data, Samples and similar submittals are to be forwarded to the Construction Admin Supervisor and the Contract Administrator for review. The purpose of their submittal is to demonstrate for those portions of the Work for which submittals are required, the way in which the CMAR proposes to conform to the information given and the design concept expressed in the Contract Documents.
- 1.6.2.** The CMAR shall review, approve, and verify that all submittals meet the intent of the Contract documents. Six (6) copies of each Shop Drawing, Product Data, Sample, and similar submittal required by the Contract Documents will be delivered to the Construction Admin Supervisor for

review. Submittals made by the CMAR, which are not required by the Contract Documents, may be returned without action.

- 1.6.3. The CMAR shall perform no portion of the Work requiring submittal and review of Shop Drawings, Product Data, Samples, or similar submittals until the necessary submittal has been approved by the UCFD. All Work shall be in accordance with approved submittals. The CMAR shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples, or similar submittals by the UCFD's approval.
- 1.6.4. By approving, verifying and submitting Shop Drawings, Product Data, Samples and similar submittals, the CMAR represents that the CMAR has determined and verified materials, field measurements and related field construction criteria, or will do so, and has checked and coordinated the information contained within the submittals with the requirements of the Work and of the Contract Documents.
- 1.6.5. The CMAR shall not be relieved of responsibility for deviations from requirements of the Contract Documents by UCFD approval of Shop Drawings, Product Data, Samples or similar submittals unless the CMAR has specifically informed the UCFD in writing of the deviation at the time of submittal and the UCFD has given written approval to the specific deviation.
- 1.6.6. Informational submittals upon which the UCFD is not expected to take responsive action may be identified as informational submittals in the Contract Documents.
- 1.6.7. When professional certification of performance criteria of materials, systems or equipment is required by the Contract Documents, the UCFD shall be entitled to rely upon the accuracy and completeness of the calculations and certifications.

1.7. QUALITY CONTROL, TESTING AND INSPECTION

- 1.7.1. **Inspection.** The UCFD's authorized Inspectors may be stationed on the Work Site and report to the Construction Admin Supervisors the progress of the Work, the manner in which Work is being performed, and also to report whenever it appears that material furnished or Work performed by the CMAR fails to fulfill the requirements of the specifications and this Contract. The Construction Inspector may direct the attention of the CMAR to any such failure as described above, but the inspection will not relieve the CMAR from any obligation to furnish acceptable materials or to provide completed construction that is in compliance with the Contract Documents in every particular. The Construction Inspector's purpose is to assist the UCFD's Representative and should not be confused with an inspector associated with any regulatory agency or with an inspector from a Laboratory identified under Article 1.8.
- 1.7.2. In case of any dispute arising between the Construction Admin Supervisor or Construction Inspector and the CMAR as to material furnished or the manner of performing the Work, the Construction Inspector will have the authority to reject materials or suspend the Work until the question and issue can be referred to and decided by the UCFD.

CPM Inspectors are not authorized to revoke, alter, enlarge, relax, or release any requirements of the specifications. Construction Inspectors will in no case act as foremen or perform other duties for the CMAR or interfere with the management of the Work by the CMAR.

- 1.7.3. Inspection or supervision by the Construction Admin Supervisor or Construction Inspector shall not be considered as direct control of the individual workman and his work. Direct control is solely the responsibility of the CMAR.
- 1.7.4. The furnishing of any services for the UCFD shall not make the UCFD responsible for or give the UCFD control over construction means, methods, techniques, sequenced procedures or for safety precautions or programs or responsibility for the CMAR's failure to perform the Work in accordance with Contract Documents.

1.8. MATERIALS TESTING

- 1.8.1. All materials used in the Work must be new and unused, unless otherwise noted, and must meet all quality requirements of the Contract Documents.
- 1.8.2. All construction materials to be used on the Work or incorporated into the Work, equipment, plant, tools, appliances or methods to be used in the Work may be subject to the inspection and approval or rejection of the UCFD. Any material rejected by the UCFD will be removed immediately and replaced in a manner acceptable to the UCFD.
- 1.8.3. The procedures and methods used to sample and test material will be determined by the UCFD. Unless otherwise specified, samples and tests will be made in accordance with the following: The City of Scottsdale Material Testing Manual and the standard methods of American Association of State and Highway Transportation Officials (AASHTO) or American Society for Testing and Materials (ASTM), and Maricopa Association of Governments (MAG) supplements.
- 1.8.4. The CMAR shall be responsible for and shall pay for Quality Control testing, unless specifically exempted by the UCFD from certain testing requirements. The goal of Quality Control testing is to ensure that the Work meets the requirements of the Construction Documents as well as standard and customary construction industry practices within Maricopa County. The CMAR's Quality Control testing program shall be responsible for, but shall not be limited to, all testing required and detailed in the Construction Documents and testing that is standard and customary industry practice within Maricopa County.

The CMAR shall submit to the UCFD for approval a qualified Independent Testing Laboratory to be utilized on the Project. All costs associated with Quality Control testing, both initial and subsequent re-testing, shall be paid by the CMAR. Construction contingency cannot be utilized for the cost of re-testing. All re-testing shall be performed by the same testing laboratory. The results from all Quality Control testing shall be provided to the UCFD at the same time they are provided to the CMAR.

- 1.8.5.** The UCFD shall perform independent Quality Assurance testing throughout the project. The UCFD's Quality Assurance testing will be coordinated and paid for by the UCFD, likely through the firm providing Construction Administration and Inspection (CA&I) services. Quality Assurance testing will be less structured testing intended to validate the results of the Quality Control program and ensure that the goal of the Quality Control program is being met.

The CMAR shall provide the UCFD's Quality Assurance tester(s) access to the Work at all times upon reasonable notice. The cost associated with resolving a noncompliant Quality Assurance test results shall be paid by the CMAR. Construction contingency cannot be utilized for the work necessary to resolve a noncompliant test.

- 1.8.6.** The UCFD shall be responsible for paying for all fees associated with permit issuance including the cost for any initial code compliance testing and inspections. The CMAR shall be responsible for all Work being in compliance with applicable codes and for passing all code compliance testing and inspections. The CMAR shall pay the cost, if any, for code compliance re-testing and re-inspections. Construction contingency cannot be utilized for the cost of code compliance re-testing or re-inspections.

- 1.8.7.** At the option of the UCFD, materials may be approved at the source of supply before delivery is started.

1.9 PROJECT RECORD DOCUMENTS/AS-BUILTS

- 1.9.1** During the construction period, the CMAR shall maintain at the jobsite a set of blueline or blackline prints of the Construction Document drawings and Shop Drawings for Project Record Document purposes.

1. The CMAR shall mark these drawings to indicate the actual installation where the installation varies appreciably from the original Construction Documents. The CMAR will give particular attention to information on concealed elements, which would be difficult to identify or measure and record later. Items required to be marked include but are not limited to:

- Dimensional changes to the drawings
- Revisions to details shown on drawings
- Depths of foundations below first floor
- Locations and depths of underground utilities
- Revisions to routing of piping and conduits
- Revisions to electrical circuitry
- Actual equipment locations
- Duct size and routing
- Locations of concealed internal utilities
- Changes made by Contract Amendments
- Details not on original Contract Drawings

2. The CMAR shall mark completely and accurately Project Record Drawing prints of Construction Documents or Shop Drawings, whichever is the most capable of indicating the actual physical condition. Where Shop Drawings are marked, show cross-reference locations on the Construction Documents.
3. The CMAR will mark Project Record Drawing sets with red erasable colored pencil.
4. The CMAR will note Requests for Information (RFI) Numbers, Architects' Supplemental Information (ASI) Numbers and Contract Amendment Proposal Numbers, etc., as required to identify the source of the change to the Construction Documents.
5. The CMAR will at the time of Substantial Completion, submit Project Record Drawing prints and Shop Drawings to the UCFD or its representative for review and comment.

1.9.2 Immediately upon receipt of the reviewed Project Record Drawings from the UCFD, the CMAR will correct any deficiencies or omissions to the drawings and prepare the following for resubmission to the UCFD:

1. A complete set of PDF electronic files of all Project Record Drawings will be prepared by the CMAR in electronic format. Each drawing will be clearly marked with "As-Built Document." Files will be named consistent with the Plan Set Index
2. The PDF files will be converted from the CADD files of the Construction Documents provided by the UCFD under Article 2.0 accurately bearing the CMAR's As-Built information from the Project Record Drawings in red and delivered to the UCFD as part of the Project closeout.
3. The CMAR's original redlined mark-up prints of the Project Record Drawings.

1.10 PROJECT SAFETY

1.10.1 CMAR Safety Program. The site environment in which the CMAR operates may on occasion present a potential safety and health hazard to any who may be on the job site. All Work will be performed in compliance with all applicable federal, state and local laws, ordinances, statutes, rules and regulations including Arizona Division of Occupational Safety and Health (ADOSH) policies and procedures. The CMAR is required to attend a UCFD safety briefing session at the Preconstruction meeting. The Contract Administrator, the designated Risk Management staff and a CMAR's representative will attend the session.

The CMAR will provide a safe jobsite and work environment for the safety and health of employees and members of the general public and will comply with all legal requirements including but not limited to the following:

Occupational Safety and Health Act (OSHA)
Electrical Safe Work Practices Standards
OSHA Personal Protective Equipment Standards
National Fire Protection Association (NFPA) 70E Standard for
Electrical Safety in the Workplace
OSHA Fall Protection Standards
OSHA Confined Space Entry

All other applicable requirements of OSHA and local codes and agencies having jurisdiction.

Contractors that violate these rules and regulations may be subject to job shutdown or removal from UCFD facilities.

- 1.10.2 Contractor Safety Tailgate Meetings.** The CMAR will conduct tailgate safety meetings regularly to ensure that safety on the job is given priority. The Sign-in sheet of the tailgate meeting must be given to the UCFD Inspector within 48 hours after the meeting.
- 1.10.3 Accident/Injury Procedure.** The CMAR will contact the Contract Administrator and Risk Management Department within 24 hours of the occurrence of an accident or injury arising out of the CMAR's work under this Contract.
- 1.10.4 Unsafe Acts.** The CMAR employees are encouraged to abate or remedy any unsafe act or condition which may arise in the course of CMAR's work under this Contract.
- 1.10.5 Safety Audits.** The UCFD reserves the right to conduct safety audits at the job site and stop unsafe acts at any time. In addition, the Construction Admin Supervisor or CPM Inspector must be notified should any OSHA inspections occur at a UCFD job site.
- 1.10.6** The CMAR recognizes the importance of performing the Work in a safe manner so as to prevent damage, injury or loss to (i) all individuals at the Site, whether working or visiting, (ii) the Work, including materials and equipment incorporated into the Work or stored on-site or off-site, and (iii) all other property at the Site or adjacent to the Site.
- 1.10.7** The CMAR assumes responsibility for implementing, monitoring, and documenting all safety precautions and programs related to the performance of the Work.
- 1.10.8** The CMAR will, before beginning construction, designate a Safety Representative with the necessary qualifications and experience to supervise the implementation and monitoring of all safety precautions and programs related to the Work. Unless otherwise required by the Contract Documents, the CMAR's Safety Representative will be an individual stationed at the Site who may have responsibilities on the Project in addition to safety.

- 1.10.9** The CMAR must provide OSHA 300A Summary log information including total recordable cases, total case rates, and lost workday incident rates for the past 2 calendar years. This information can be compared to Bureau of Labor Statistics (BLS) rates to determine whether a contractor has below average or above average accident/injury rates. Bureau of Labor Statistics information can be obtained through Risk Management. The Safety Representative will make routine daily inspections of the Site and will hold weekly safety meetings with CMAR's personnel, Subcontractors and others as applicable.
- 1.10.10** The CMAR and Subcontractors will comply with all Legal Requirements relating to safety, as well as any UCFD-specific safety requirements found in the Contract Documents, provided that the UCFD-specific requirements do not violate any applicable Legal Requirement.
- 1.10.11** The CMAR will immediately report in writing any safety-related injury, loss, damage or accident arising from the Work to the Contract Administrator and, to the extent mandated by Legal Requirements, to all government or quasi-governmental authorities having jurisdiction over safety-related matters involving the Project or the Work.
- 1.10.12** The CMAR's responsibility for safety under this Article 1.10 is not intended in any way to relieve Subcontractors and Sub-Subcontractors of their own contractual and legal obligations and responsibility for (i) complying with all Legal Requirements, including those related to health and safety matters, and (ii) taking all necessary measures to implement and monitor all safety precautions and programs to guard against injury, losses, damages or accidents resulting from their performance of the Work.
- 1.10.13** The CMAR and Subcontractors must agree to provide Material Safety Data Sheets for all substances that are delivered to the UCFD, that come under the OSHA Toxic and Hazardous Substances – Hazard Communication Standard, 29 CFR 1910.1200, Hazard Communication (reference Occupational Safety and Health Standards, Subpart Z Toxic and Hazardous Substances – Hazardous Communication Standard).

The CMAR and all Subcontractors using chemicals on UCFD property must use only the safest chemicals, with the least harmful ingredients. These chemicals must be approved for use by a UCFD representative before bringing them on the property.

The CMAR and all Subcontractors will make every attempt to apply approved chemicals with highly volatile organic compounds, outside of working hours. Adequate ventilation must be used at all times during the application of these approved chemicals.

In conjunction with the Occupational Safety and Health Standards, Subpart Z Toxic and Hazardous Substances – Hazard Communication Standard, 29 CFR 1910.1200 Hazard Communication, the CMAR and

Subcontractors are informed of the presence of (or possible presence of) chemicals in the area where the work requested will be performed. It is the responsibility of all selected Contractors to contact the UCFD for specific information relative to the type of chemicals present and location of appropriate Material Safety Data Sheets.

Unless included in the Work, if the CMAR encounters on-site material which he reasonably believes to contain asbestos, polychlorinated biphenyl (PCB), or other hazardous substances or materials regulated by Public Health Laws, he will immediately stop work and report the condition to the UCFD.

If the material is found to contain asbestos, PCB or other hazardous substances or materials regulated by Public Health Laws, the CMAR will not resume work in the affected area until the material has been abated or rendered harmless. The CMAR and the UCFD may agree, in writing, to continue work in non-affected areas on-site. An extension of Contract Time may be granted in accordance with Article 5.

Upon discovery of hazardous materials the CMAR will comply with all applicable laws/ordinances and regulations and take all appropriate health and safety precautions.

1.11 WARRANTY

1.11.1 The provisions of M.A.G. Section 108.8 apply with the following additional requirements:

1. Should the CMAR fail to begin repairs or corrective work within 14 calendar days after receipt of written notice from the UCFD, the UCFD may perform the necessary work and the CMAR agrees to reimburse the UCFD for the actual cost.
2. The warranty period on any part of the work repaired or replaced is extended for a period of 1 year from the date of the repair or replacement.
3. This warranty does not apply to damage caused by normal wear and tear or by acts beyond the CMAR's control.

1.11.2 The CMAR's warranty obligation excludes defects caused by abuse, alterations, or failure to maintain the Work by persons other than the CMAR or anyone for whose acts the CMAR may be liable.

1.11.3 Nothing in this warranty is intended to limit any manufacturer's warranty which provides the UCFD with greater warranty rights than provided in this Article 1.11 or the Contract Documents. The CMAR will provide the UCFD with all manufacturers' warranties upon Substantial Completion.

1.11.4 The CMAR's warranty obligation will be the maximum allowed by the Arizona Registrar of Contractors

1.12 CORRECTION OF DEFECTIVE WORK

- 1.12.1** The CMAR agrees to correct any Work that is found to not be in conformance with the Contract Documents, including that part of the Work subject to Article 1.11 above within a period of 1 year from the date of Substantial Completion of the Work or any portion of the Work, or within any longer period, to the extent required by the Contract Documents. A Progress Payment, or partial or entire use or occupancy of the Project by the UCFD will not constitute acceptance of the Work if not in accordance with the Contract Documents.
- 1.12.2** The CMAR will take meaningful steps to begin correction of nonconforming Work subject to this Article 1.12. These measures include but are not limited to timely correction of the Work. If the CMAR fails to initiate necessary measures for this Work within 7 days of receipt of written notice from the UCFD, the UCFD, in addition to any other remedies provided under the Contract Documents, may provide CMAR with written notice that the UCFD will commence correction of the nonconforming Work with its own forces.
- 1.12.3** If the UCFD does perform this corrective Work, the CMAR will be responsible for all reasonable costs incurred by the UCFD in performing this correction.
- 1.12.4** The CMAR will immediately respond to any nonconforming Work that creates an emergency.
- 1.12.5** The 1 year period referenced in this Article 1.12 applies only to the CMAR's obligation to correct nonconforming Work and is not intended to be a period of limitations for any other rights or remedies the UCFD may have regarding the CMAR's other obligations under the Contract Documents.

1.13 SUBCONTRACTOR AND MAJOR SUPPLIER SELECTION

The Parties have entered into a Preconstruction Agreement that contains Subcontractor and Major Supplier provisions. In selecting Subcontractors and Major Suppliers, the CMAR will comply with the provisions in the Preconstruction Agreement. [For horizontal construction, as defined in A.R.S. §34-101(15), the CMAR must self-perform not less than 45% of the Work as required by A.R.S. §34-605(G).]

ARTICLE 2 – UCFD’S SERVICES AND RESPONSIBILITIES

2.0 DUTY TO COOPERATE. The UCFD will, throughout the performance of the Work, cooperate with the CMAR and perform its responsibilities, obligations and services in a timely manner to facilitate the CMAR’s timely and efficient performance of the Work and so as not to delay or interfere with the CMAR’s performance of its obligations under the Contract Documents. The UCFD will furnish the CMAR a CADD file of the Construction Documents acceptable to the UCFD, at no cost to the CMAR.

2.1 CONTRACT ADMINISTRATOR/CONSTRUCTION ADMIN SUPERVISOR

2.1.1 The Construction Admin Supervisor is responsible for providing UCFD-supplied information and approvals in a timely manner to permit the CMAR to fulfill its obligations under the Contract Documents.

2.1.2 The Construction Admin Supervisor will also provide the CMAR with prompt notice if the Construction Admin Supervisor observes any failure on the part of the CMAR to fulfill its contractual obligations, including any default or defect in the Project or non-conformance with the drawings and specifications.

2.1.3 The UCFD may contract separately with the Design Team and may include partial construction administration services for the Project. A copy of the Design Team's contract will be furnished to the CMAR.

2.1.4 Both the Contract Administrator and Construction Admin Supervisor are responsible for construction administration of the Work. The Design Team, if authorized by the UCFD, will review, approve or take other appropriate action upon the CMAR's submittals such as Shop Drawings, Product Data and Samples in accordance with Article 1.6. Communications by and with the Design Team will be through the Contract Administrator and Construction Admin Supervisor.

2.1.5 The Contract Administrator or Construction Admin Supervisor and the Design Professional will interpret and decide matters concerning performance under the requirements of the Contract Documents. The Design Professional's response to these requests will be made to the UCFD with reasonable promptness. The UCFD will forward response to the CMAR and within the time limits agreed upon.

2.1.6 The Contract Administrator has the authority to authorize Change Orders up to the limits permitted by the Procurement Code.

2.2 UCFD’S SEPARATE CONTRACTORS. The UCFD is responsible for all Work performed on the Project or at the Site by separate contractors under the UCFD’s control. The UCFD will contractually require its separate contractors to cooperate with, and coordinate their activities, so as not to interfere with the CMAR, in order to enable timely completion of Work consistent with the Contract Documents. The CMAR agrees to reasonably cooperate and coordinate its activities with those of the separate contractors so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.

2.3 PERMIT REVIEW AND INSPECTIONS. Issuance of Right-of-Way and/or Building Permit is the responsibility of the UCFD's Design Engineer. The Town of Carefree issues Certificates of Occupancy.

2.4 FURNISHING OF SERVICES AND INFORMATION

2.4.1 The UCFD will be responsible for the payment or waiver of the following:

1. Town of Carefree, City of Scottsdale, or Town of Cave Creek review and permit(s) fees for building, encroachment, right-of-way, and demolition permits.
2. Town of Carefree, City of Scottsdale, or Town of Cave Creek review fees for grading and drainage, water, sewer and landscaping.
3. Utility design fees for permanent services.
4. Obtaining Clean Water Act Nationwide 404 Permits.
5. UCFD/Carefree Water Company Development Fees.
6. Environmental Permits and Licenses.

2.4.2 Unless expressly stated to the contrary in the Contract Documents, the UCFD will provide (at its own cost and expense) to the CMAR, the following information:

1. To the extent available, surveys describing the property, boundaries, topography and reference points for use during construction, including existing service and utility lines;
2. Temporary and permanent easements, zoning and other requirements and encumbrances affecting land use, or necessary to permit the proper design and construction of the Project and enable the CMAR to perform the Work;
3. A legal description and Street or Physical address of the Site;
4. To the extent available, as-built record and historical drawings of any existing structures at the Site;
5. To the extent available, environmental studies, environmental impact statements, reports and impact statements describing the environmental conditions (including hazardous materials) known to exist at the site;
6. The UCFD will provide all UCFD standards and guidelines, supplementary conditions and special provisions that will be included in the plans and specifications for the Project. These may include but are not limited to: disposal of surplus material, special security provisions, investigation of underground facilities, traffic controls and regulations, special quality control testing and termite treatment requirements.

The UCFD is responsible for securing and executing all necessary Contracts with adjacent land or property owners that are necessary to enable the CMAR to perform the construction. The UCFD is further

responsible for all costs, including attorneys' fees, incurred in securing these necessary Contracts.

2.5 PROJECT MANAGEMENT SERVICES

- 2.5.1** The UCFD may contract separately with one or more Technical Consultants to provide project management assistance to the Project. The Technical Consultant's contract as well as the contracts of other firms hired by the UCFD will be furnished to the CMAR. The CMAR will not have any right however, to limit or restrict any contract modifications that are mutually acceptable to the UCFD and Technical Consultant.
- 2.5.2** The Technical Consultant services will augment the UCFD staffing resources to effectively manage the objectives of the UCFD and this Project with the goal of managing the key project communication, cost and time parameters.
- 2.5.3** The Technical Consultant may provide preprogramming and design standards.
- 2.5.4** The UCFD may contract with the Technical Consultant to provide some or all of the following services during the performance of the construction:
1. Oversight of the Construction. The UCFD may hire Technical Consultants to assist it in oversight of the Construction Project. The Technical Consultants will:
 2. Conduct Site visits at intervals appropriate to the stage of construction to become generally familiar with the progress and quality of the completed construction and to determine in general if the construction is being performed in accordance with the Construction Documents. The Technical Consultant will keep the UCFD informed of progress of the construction and will endeavor to guard the UCFD against defects and deficiencies in the construction. The Technical Consultant may have authority to reject construction which does not conform to the Construction Documents and to require additional inspection or testing of the construction in accordance with Articles 1.7 and 1.8;
 3. Review and recommend approval of the CMAR's Payment Requests;
 4. Interpret matters concerning performance under and requirements of the Contract Documents on written request of the UCFD. The Technical Consultant's response to these requests will be made with reasonable promptness and within any time limits agreed upon;
 5. Analyze, recommend and assist in negotiations of Change Orders;
 6. Conduct inspections to determine Substantial Completion and Final Acceptance;
 7. Receive and forward to the UCFD for the UCFD's review and records, written warranties and related documents required by the Contract Documents and assembled by the CMAR.

ARTICLE 3 – CONTRACT TIME

3.0 CONTRACT TIME

3.1 Contract Time will be 184 calendar days as indicated in the Notice to Proceed (NTP).

3.1.1 Contract Time will start with the Notice to Proceed (NTP) and end with Substantial Completion. The UCFD will issue a NTP letter establishing the mutually agreed upon NTP date for this Contract.

3.1.2 Failure on the part of the CMAR to adhere to the Project Schedule may be the basis for termination of this Contract by the UCFD.

3.1.3 Each GMP amendment to this Contract will establish a separate construction NTP date, Performance Period and Substantial Completion date for the entire Project. The Performance Period(s) may be sequential or may run concurrently.

3.1.4 The CMAR agrees to commence performance of the Work and achieve Performance Periods and the Contract Time.

3.1.5 All the times stated in this Article 3 are subject to adjustment in accordance with Article 5.

3.2 CONSTRUCTION SCHEDULE. Each approved GMP proposal will include a Project Schedule as prescribed in Article 3.7 with a Critical Path Method diagram construction schedule that will indicate the path of critical activities and establish the Performance Period encompassed by the GMP. The CMAR will maintain the construction schedule throughout the construction.

3.3 PUNCH LIST PREPARATION

A minimum of 30 days before Substantial Completion the CMAR, in conjunction with the UCFD, will prepare a comprehensive list of Punch List items, which the UCFD may edit and supplement. The CMAR will proceed promptly to complete and correct the Punch List items. Failure to include an item on the Punch List does not alter the responsibility of the CMAR to complete all Work in accordance with the Contract Documents. Warranties required by the Contract Documents will not commence until the date of Final Acceptance unless otherwise provided in the Contract Documents. Seven (7) days before the UCFD issues its Final Acceptance Letter, the CMAR will deliver to the UCFD all Operation and Maintenance Manuals necessary for the UCFD to assume responsibility for the operation and maintenance of that portion of the Work.

3.4 LIQUIDATED DAMAGES

The CMAR understands that if Substantial Completion is not attained within the Contract Time as adjusted, the UCFD will suffer damages, which are difficult to determine and accurately specify. The CMAR agrees that if Substantial Completion is not attained within the Contract Time as adjusted, the CMAR will pay as liquidated damages the amounts specified in Section 108.9 of the M.A.G. Standard Specifications, incorporated in this Contract by reference. These

amounts may be adjusted depending on the anticipated or actual loss caused by the delay and the difficulty of proof of loss.

3.5 PROJECT SCHEDULE

3.5.1 The Project Schedule will be initially submitted at the start of this Contract as required by Article 1 and updated and maintained throughout the Contract Services. An updated Project Schedule will be part of the GMP amendment.

3.5.2 The Project Schedule will be revised as required by conditions and progress of the Contract Services, but any revisions will not relieve the CMAR of its obligations to complete the Contract Services within the Contract Time(s), as these dates may be adjusted in accordance with the Contract Documents.

3.5.3 An Updated Project Schedule will be submitted monthly to the UCFD, 5 days before the CMAR's monthly Payment Request.

1. The CMAR will provide the UCFD with a monthly status report with each Project Schedule detailing the progress of Construction, including whether (i) the construction is proceeding according to schedule, (ii) discrepancies, conflicts, or ambiguities exist in the Contract Documents that require resolution, and (iii) other items that require resolution so as not to jeopardize the ability to complete the construction as presented in the GMP and within the Contract Time(s). The monthly status report and Project schedule shall be provided electronically to the Contract Administrator and Construction Admin Supervisor no later than the 25th of each month.
2. With each Project Schedule submitted, the CMAR will include a transmittal letter including the following:
 - Description of problem tasks (referenced to field instructions, Requests for Information (RFIs), Change Order or claim numbers) as appropriate.
 - Current and anticipated delays not resolved by approved change orders, including:
 - Cause of the delay.
 - Corrective action and schedule adjustments to correct the delay.
 - Known or potential impact of the delay on other activities, milestones, and the date of Substantial Completion.
 - Changes in construction sequence.
 - Pending items and status including but not limited to:
 - Pending Change Orders.
 - Time extension requests.
 - Other items.
 - Substantial Completion date status:
 - If ahead of schedule, the number of days ahead.

- If behind schedule, the number of days behind.
 - Other project or scheduling concerns.
- 3.5.4** The UCFD’s review of and response to the Project Schedule is only for general conformance with the scheduling requirements of the Contract Documents. The review will not relieve the CMAR from compliance with the requirements of the Contract Documents or be construed as relieving the CMAR of its complete and exclusive control over the means, methods, sequences and techniques for executing the Contract Services.
- 3.5.5** The Project Schedule will include a Critical Path Method diagram schedule that will show the sequence of activities, the interdependence of each activity and indicate the path of critical activities.

The Critical Path Method diagram schedule will be in days and indicate duration, earliest and latest start and finish dates, and will be presented in a time scaled graphical format for the Project as a whole.

1. The activities making up the schedule will be of sufficient detail to assure that adequate planning has been done for proper execution of the Work and provide an appropriate basis for monitoring and evaluating the progress of the Work.
2. The Critical Path Method diagram construction schedule will be based upon activities which would coincide with the Schedule of Values.
3. The Critical Path Method diagram schedule will show all submittals associated with each Work activity and the review time for each submittal.
4. The schedule will show milestones, including milestones for UCFD-furnished information, and will include activities for UCFD-furnished equipment and furniture, if any, when those activities are interrelated with the CMAR’s activities.
5. The schedule will include a critical path activity that reflects anticipated rain delay during the performance of the Contract. The duration will reflect the average climatic range and usual industrial conditions prevailing in the locality of the Site. Weather data will be based on information provided by the National Weather Service or other approved source.

3.6 COST ESTIMATES

Provisions pertaining to cost estimates may be found in the GMP Proposal, attached as Exhibit C.

3.7 CONSTRUCTION MANAGEMENT PLAN

As a part of the Preconstruction Agreement, the UCFD has required the CMAR to prepare a Construction Management Plan.

ARTICLE 4 – CONTRACT PRICE

4.0 The CMAR agrees to do all Work for each phase of the construction of the improvements and to completely construct the improvements and install the material, as applicable and called for by this Contract, free and clear of all claims, liens, and charges whatsoever, in the manner and under the conditions specified within the time, or times, stated in the GMP, as may be amended from time to time, as set forth in the GMP Proposal, attached as Exhibit C, and by reference made a part of this Contract.

4.1 CONTRACT PRICE

4.1.1 The Contract Price is a not to exceed price of \$2,109,534.92 as stated in detail in the GMP A3 Proposal, attached as Exhibit C.

4.1.2 The Contract Price is the sum of the GMP plus the UCFD's Project Contingency defined in Article 12 plus an allowance and is subject to adjustments made in accordance with Article 5.

4.1.3 The CMAR is responsible for payment of all transaction privilege (sales) taxes due on construction income, whether or not these taxes are specifically separated in the bid amount, including amounts owed to the State of Arizona, County of Maricopa, Town of Carefree, or other municipalities and agencies as applicable.

4.1.4 Unless otherwise provided in the Contract Documents, the Contract Price is to include all sales, use, consumer and other taxes throughout the term of this Contract, whether or not yet effective or merely scheduled to go into effect.

4.1.5 Any Contingencies and Allowances as agreed upon between the UCFD and the CMAR will be in the GMP.

4.2 CMAR CONSTRUCTION FEE FOR CHANGES. If the GMP requires an adjustment due to changes in the Work, the cost of any changes will be determined under Article 5.

4.3 GUARANTEED MAXIMUM PRICE (GMP)

4.3.1 At the end of the design phase or at a time determined by the UCFD, and as a part of the Work done under the Preconstruction Agreement, the UCFD will request the CMAR to provide a GMP, or series of GMP's if the CMAR determines phased construction would be in the UCFD's best interest. The approved GMP(s) is set forth in Exhibit C, attached to this Contract.

4.3.2 The CMAR guarantees to bring the completion of the construction of the Project within the GMP or the CMAR alone will be required to pay the difference between the actual cost and the GMP.

1. Buy out savings are any savings of the CMAR's GMP at the conclusion of the selection of Subcontractors. Buy out savings may be

used during construction by the UCFD as a UCFD Project contingency. Unused savings will be returned to the UCFD.

2. Any savings realized during construction may be incorporated into the construction of the Project to fund additional scope items. Unused savings will be returned to the UCFD.

4.3.3 The GMP is composed of the Total Cost of the Work (Direct Costs) plus the CMAR's Indirect Costs which are not-to-exceed cost reimbursable, actual costs or fixed fee amounts defined as:

1. The Total Cost of the Work (Direct Costs) is a negotiated and not-to-exceed amount defined by the individual work items and their associated negotiated unit prices as part of the hard construction work as defined in Article I as performed by the CMAR through self-performed work, Sub-Contractors' work and any other third party as set forth in Article 1.13 requirements for selection of subcontractors and major suppliers. It includes the costs for all direct labor, materials and equipment incorporated in the completed construction, materials testing prescribed in Article 1.8 and warranty of the work.
2. The CMAR's Indirect Costs include the costs for General Conditions, Payment and Performance Bonds, Insurance, the CMAR Construction Fee and Taxes.
 - a. The General Conditions are costs for the negotiated amount of Project supervision and other indirect costs according to construction terms as defined in Article 12. These costs are not reflected in other GMP items. Costs may include, but are not limited to, the following: Project Manager, Superintendent, Full-time General Foremen and administrative office personnel. Other costs may include: temporary office, fees not specifically listed in Articles 1.2 and 2.4 or as qualified in Exhibit B, fencing and other facilities, office supplies, office equipment, minor expenses, utilities, vehicles, fuel, sanitary facilities, and telephone services at the site.
 - b. Payment Bonds, Performance Bonds and Insurance are actual costs applied to Cost of Work and General Conditions Costs as detailed in the GMP Proposal.
 - c. The CMAR Construction Fee is a negotiated fixed fee that is proposed by the CMAR for management and related services of the CMAR Project. The fee includes the CMAR's profit and home office overhead, whether at the CMAR's principal or branch offices, including the administrative costs, home office costs and any limitations or exclusions that may be included in the General Conditions.
 - d. Taxes include all sales, use, consumer and other taxes which are legally enacted when negotiations of the GMP were concluded, whether or not yet effective or merely scheduled to go into effect. Taxes are actual costs and are a not-to-exceed reimbursable amount.

4.3.4 The GMP is cumulative. The amount of any GMP amendment will be negotiated separately and will reflect the CMAR's risk from that point forward in the Project.

4.4 GMP PROPOSAL. The GMP Proposal will be that as provided in the Preconstruction Agreement, and the GMP Proposal is attached as Exhibit C.

4.5 GMP APPROVAL. The approval of the GMP will be in accordance with the provisions of the Preconstruction Agreement, attached to this Contract as Exhibit B.

4.6 TAX/LICENSE

The CMAR must secure and maintain, during the life of the Contract, State of Arizona and Town of Carefree Transaction Privilege (sales) Tax Licenses.

To obtain a State of Arizona Privilege (Sales) Tax License Application, fill out the JT-1 Form that can be obtained at the following web address and then submitted to the Arizona Department of Revenue:

<https://azdor.gov/forms/tpt-forms/joint-tax-application-tpt-license>

or apply online at the following web address:

<https://azdor.gov/transaction-privilege-tax/tpt-license/applying-tpt-license>

The Town of Carefree imposes a 3% Transaction Privilege (Sales) Tax and a 4% Construction Transaction Privilege (Sales) Tax. These taxes are collected by the Arizona Department of Revenue. More information on Carefree's Transaction Privilege Tax can be obtained on the Town's website at the following address: <http://www.carefree.org/197/Privilege-Tax>.

4.7 RESPONSIBILITY FOR PRIVILEGE (SALES) TAXES

The CMAR is responsible for payment of all applicable State of Arizona, Town of Carefree, or any other transaction privilege (sales) taxes due on construction income whether or not these taxes are specifically separated in the bid amount. The taxes are to be reported on either a progressive billing (accrual) basis or cash receipts basis, depending on the method chosen at the time application was made for the Privilege (sales) Tax License.

Privilege (sales) tax exemptions/deductions may be applicable to certain projects. The CMAR is advised to consider this as it prepares its bid. Please reference A.R.S. Title 42 at the following website: <https://www.azleg.gov/arsDetail/?title=42>

For further questions regarding tax treatment, please contact the Arizona Department of Revenue at (602) 255-2060 and the Town of Carefree Accounting Dept. at (480) 488-3686.

ARTICLE 5 – CHANGES TO THE CONTRACT PRICE AND TIME

5.0 DELAYS TO THE WORK

5.1 DELAYS TO THE WORK

- 5.1.1** Delays may be compensable, concurrent, excusable or non-excusable as defined in Article 12.
- 5.1.2** If the CMAR is delayed in the performance of the Work due to acts, omissions, conditions, events, or circumstances beyond its control and due to no fault of its own or those for whom CMAR is responsible, the Contract Times for performance may be reasonably extended by Change Order.
- 5.1.3** The CMAR must request an increase in the Contract Time by written notice including an estimate of the probable effect of delay on progress of the Work. In the case of a continuing delay only one request is necessary.
1. Written notice will be received within 14 days of the commencement of the cause of the delay.
 2. If written notice is received more than 14 days after commencement of the cause of the delay, the period of delay will be considered to commence 14 days before the giving of the notice.
- 5.1.4** By way of example and subject to Article 11.7, events that may entitle the CMAR to an extension of the Contract Time include acts or omissions of the UCFD or anyone under the UCFD's control (including separate contractors), Acts of God or public enemy, changes in the Work, Differing Site Conditions, Hazardous Conditions, unusual delay in transportation, and excessive inclement weather conditions not reasonably anticipated, war or other national emergency making performance temporarily impossible or illegal, or strikes or labor disputes not brought about by any act or omission of the CMAR.
- 5.1.5** If excessive inclement weather conditions are the basis for a request for additional Contract Time, these requests will be documented by data substantiating that weather conditions were abnormal for the period of time and could not have been reasonably anticipated, and that weather conditions had an adverse effect on the scheduled construction.
- 5.1.6** It is understood, however, that permitting the CMAR to proceed to complete any Work, or any part of the Work, after the date to which the time of completion may have been extended, will in no way act as a waiver on the part of the UCFD of any of its legal rights under this Contract.
- 5.1.7** In the event that the CMAR sustains damages as a result of expenses incurred by a delay for which the UCFD is responsible, the CMAR and the UCFD will negotiate to determine the amount of these damages. This provision is made in compliance with Arizona Revised Statutes Section

34-609 (E) and is effective only if the delay caused by the UCFD is unreasonable under the circumstances and was not within the contemplation of the parties. This provision will not be construed to void any provision of this Contract pertaining to notice of delays, arbitration or other settlement provisions applicable to disputes, or provisions relating to liquidated damages.

1. In addition to the CMAR's right to a time extension for those events stated in this Article 5.0, the CMAR may also be entitled to an appropriate adjustment of the Contract Price provided, however, that the Contract Price will not be adjusted for those events described in this Article that are beyond the control of both the CMAR and the UCFD, including the events of war, acts of terrorism, floods, labor disputes (but not including CMAR's own work force and those of its subcontractors), earthquakes, epidemics, excessive inclement weather conditions not reasonably anticipated, and other acts of God.

5.2 DIFFERING SITE CONDITIONS

- 5.2.1** If the CMAR encounters a Differing Site Condition(s), the CMAR may be entitled to an adjustment in the Contract Price or Contract Time(s) to the extent the CMAR's cost or time of performance are the direct result of a Differing Site Condition(s).
- 5.2.2** Upon encountering a Differing Site Condition, the CMAR will provide prompt written notice to the UCFD of the condition, which notice will not be later than 7 days after the condition has been encountered. The CMAR must give the UCFD's Contract Administrator written notice of and an opportunity to observe, such condition before disturbing or altering the Differing Site conditions. The failure of the CMAR to give written notice and make the Claim as required by this Article and Article 7.1.5 shall constitute a waiver by the CMAR of any rights arising out of or relating to such Differing Site Conditions. The CMAR will, to the extent reasonably possible, provide notice before the Differing Site Condition has been substantially disturbed or altered. (Final costs must be submitted within thirty (30) days after notice is received by the UCFD, unless extended by written agreement of the parties.)
- 5.2.3** In order for the CMAR to obtain any additional compensation or time extensions for Differing Site Conditions, the CMAR must demonstrate that it encountered a material difference at the Site, as defined in Article 12, that required it to expend additional cost or time. The CMAR will also establish that it actually and reasonably relied upon the representations found in the Contract Documents concerning the Site conditions.

5.3 APPLICATION FOR EXTENSION OF TIME

- 5.3.1** If performance by the CMAR is delayed for a reason set forth in Article 5, the CMAR may be allowed a reasonable extension of time in conformance with this Article. Before the CMAR's time extension request may be considered, the CMAR shall notify the UCFD of the condition which allegedly has caused or is

causing the delay, and shall submit a written application to the UCFD identifying:

1. Liquidated damage assessment rate, as specified in the Contract;
2. Original total GMP;
3. The original Contract start date and completion date;
4. Any previous time extensions granted (number and duration);
5. The extension of time requested.

5.3.2 In addition, the application for extension of time shall set forth in detail;

1. The nature of each alleged cause of delay in completing the Work; and
2. The date upon which each such cause of delay began and ended and the number of dates attributable to each such cause; and
3. A statement that the CMAR waives all claims except for those delineated in the application, and the particulars of any claims which the CMAR does not agree to waive. For time extensions for Substantial Completion and final completion payments, the application shall include a detailed statement of the dollar amounts of each claim item reserved; and
4. A statement indicating the CMAR's understanding that the time extension is granted only for purposes of permitting continuation of Contract performance and payment for Work performed and that the UCFD retains its right to conduct an investigation and assess liquidated damages as appropriate in the future.

5.4 ERRORS, DISCREPANCIES AND OMISSIONS

5.4.1 If the CMAR observes errors, discrepancies or omissions in the Contract Documents, it will promptly notify the UCFD and request clarification. The CMAR will provide a copy of any notice to the UCFD Contract Administrator.

5.4.2 If the CMAR proceeds with the Work affected by any errors, discrepancies or omissions, without receiving clarifications, it does so at its own risk. Adjustments involving these circumstances made by the CMAR before clarification by the Design Professional are at the CMAR's risk.

5.5 UCFD REQUESTED CHANGE IN WORK. The UCFD reserves the right to make, at any time during the progress of the Work, any alterations as may be found necessary or desirable.

5.5.1 Any alterations and changes will not invalidate this Contract nor release the surety, and the CMAR agrees to perform the Work as altered, the same as if it had been a part of the original Contract Documents. The CMAR will notify the

surety of the changes and will assure that the alterations and changes are adequately covered by the surety bond.

- 5.5.2** Upon receipt of a request for Change in Work, the CMAR will prepare a proposal in significant detail according to Article 5.11. The CMAR's proposal will include a detailed description of any schedule impact.
- 5.5.3** Legal Requirements. The Contract Price or Contract Times will be adjusted to compensate the CMAR for the effects of any changes in the Legal Requirements enacted after the date of the Contract or the date of the GMP, affecting the performance of the Work.

5.6 CHANGE ORDERS

- 5.6.1** The UCFD and the CMAR will negotiate Change Orders in good faith and as expeditiously as possible in order to arrive at appropriate adjustments for a Change Order. Upon reaching an agreement, the parties will prepare and execute an appropriate Change Order reflecting the terms of the adjustment. The change in the Work may or may not include an adjustment in the Contract Price or Contract Time.
- 5.6.2** All changes in the Work authorized by Change Orders will be performed under the conditions of the Contract Documents. The decision to issue Change Orders rests solely with the UCFD and any decision to issue a Change Order must be promptly complied with by the CMAR, subject to the provisions of Article 5.4. The Contract Administrator has the authority to authorize Change Orders up to the limits permitted by the UCFD's Board of Directors.
- 5.6.3** The execution of a Change Order by the CMAR shall constitute conclusive evidence of the CMAR's agreement to the ordered changes in work, this Contract as thus amended, the Contract Price, and the time for performance by the CMAR. The CMAR, by executing the Change Order, waives and forever releases any claim against the UCFD for any additional time or compensation for matters relating to, arising out of, or resulting from the work included within or affected by the executed Change Order of which the CMAR knew or should have known.
- 5.6.4** The UCFD may direct the CMAR to perform additional work under the contract by issuing a Construction Change Directive when time and/or cost of the work is not in agreement between the UCFD and the CMAR. During the pendency of a resolution of the price and/or time adjustments between the UCFD and the CMAR, the CMAR may not suspend work and will comply with the Construction Change Directive.

5.7 UNILATERAL DETERMINATION OF CHANGE ORDER VALUE

If no mutual agreement occurs between the UCFD and the CMAR, the change in Contract Price, if any, shall be derived by determining the reasonable actual costs incurred or savings achieved, resulting from revisions to the Work. Such reasonable actual costs or savings shall include a component for direct job site overhead and profit, but shall not include home-office overhead or other indirect

costs and components. The calculation of actual costs shall conform to Article 5.11.2. Any such costs or savings shall be documented in the format and with such content and detail as the UCFD requires. The CMAR shall promptly submit such documentation and other backup as the UCFD may require in evaluating the actual costs incurred.

5.8 ADDITIONAL CHANGE ORDER COST REQUIREMENTS

The cost of all items listed in the CMAR's proposal shall be directly related to the Change Order. Indirect costs not specifically related to the Change Order shall not be considered. The CMAR's or Subcontractor's submittals shall include the cost of materials, sales tax, cost of all transport, equipment costs and any direct Project expenses. CMAR's or Subcontractor's Direct Labor Costs shall be limited to the hourly rate of directly involved workmen, employer contributions toward CMAR standard benefits, pensions, unemployment or social security (if any), and employer costs for paid sick and annual leave. CMAR's or Subcontractor's Indirect Costs may include license fees, bond premiums, supervision, and vehicle expense directly related to the Change order.

5.9 LIMITATION OF COMPENSABLE ITEMS

5.9.1 For Change Orders, the total cost or credit to the UCFD shall be based on the following schedule:

1. CMAR's Materials Costs.
2. CMAR's Direct Labor Costs.
3. CMAR's Equipment Costs (includes owned/rented equipment).
4. Applicable Subcontractor Costs.
5. Subtotal of Costs to the CMAR.
6. CMAR's Overhead and Profit.
7. Total Cost or Credit to the UCFD.

5.10 FIELD ORDERS

5.10.1 The UCFD has authority to initiate Field Orders that do not materially and adversely affect the Work, including the design, quality, performance and workmanship required by the Contract Documents. Field Orders will be imposed by written order and will be binding on the UCFD and the CMAR. The CMAR will carry out any written orders promptly.

5.10.2 Field Orders will not involve an adjustment in the Contract Price or Contract Times unless or until an adjustment becomes a Change Order.

5.10.3 The CMAR may make minor changes in the Work, but the CMAR will promptly inform the UCFD, in writing, of any changes and record the changes, if appropriate, on the Project Record Documents maintained by the CMAR.

5.11 CONTRACT PRICE ADJUSTMENTS

5.11.1 The increase or decrease in Contract Price resulting from a Change in the Work will be determined by one of the following methods stated in order of preference:

1. Using direct cost labor and material rates established in the contract documents as a basis of the Contract Price adjustment;
2. Using unit prices found in the Contract or as subsequently agreed between the parties;
3. A mutually agreed upon accepted, allowance, properly itemized and supported by sufficient substantiating data to permit evaluation by the UCFD; and
4. A negotiated CMAR Construction Fee for the Change in Work equal to additional Indirect Costs resulting from the Change in the Work plus any negotiated profit.

5.11.2 If an increase or decrease cannot be agreed to as provided in Articles 5.7 and 5.8, the cost of the Change of the Work will be determined by the reasonable expense and savings in the performance of the Work resulting from the change, including a reasonable CMAR Construction Fee, according to the methodology used to establish the contract GMP. The CMAR will maintain a documented, itemized accounting evidencing the expenses and savings associated with the changes.

5.11.3 If unit prices are included in the Contract Documents or are subsequently agreed to by the parties, but application of the unit prices will cause substantial inequity to the UCFD or the CMAR because of differences in the character or quantity of the unit items as originally contemplated, the unit prices will be equitably adjusted.

5.11.4 If the UCFD and the CMAR disagree upon the amount to be paid, whether the CMAR is entitled to be paid for any services required by the UCFD or if there other disagreements over the Scope of Work, proposed changes to the Work, or the time required to complete the Work, the UCFD and the CMAR will resolve the dispute in accordance with Article 7.

1. As part of the negotiation process, the CMAR will furnish the UCFD with a good faith estimate of the costs to perform the disputed services or the additional time required in accordance with the UCFD's interpretations.
2. If the parties are unable to agree and the UCFD expects the CMAR to perform the services in accordance with the UCFD's interpretations, the CMAR will proceed to perform the disputed services, conditioned

upon the UCFD issuing a written order to the CMAR (i) directing the CMAR to proceed and (ii) specifying the UCFD's interpretation of the services that are to be performed.

5.11.5 Emergencies. In any emergency affecting the safety of persons or property, or both, the CMAR will act, at its discretion, to prevent threatened damage, injury or loss. Any change in the Contract Price or Contract Time(s), or both, resulting from emergency work will be determined as provided in this Article 5.

ARTICLE 6 – PROCEDURE FOR PAYMENT

6.0 For and in consideration of the faithful performance of the Work required to be done by the Contract Documents, and in accordance with the directions of the UCFD and to its satisfaction, the UCFD agrees to pay the CMAR the Cost of the Work performed and any applicable costs for general conditions, insurance, bonding, and taxes, but no more than the GMP as adjusted by any Change Orders and provisions of Article 5. Payment for the specific Work under this Contract will be made in accordance with payment provisions of this Article 6.0.

6.1 GMP PAYMENT REQUEST

6.1.1 At the Preconstruction conference described in Article 1.3, the CMAR will submit for the UCFD's review and approval a Schedule of Values. The Schedule of Values will (i) be based on the bids accepted from the successful Subcontractors (ii) include values for all items comprising the GMP including any UCFD allowances, and (iii) serve as the basis for monthly progress payments made to the CMAR throughout the Work.

6.1.2 At least 5 working days before the date established for a Payment Request, the CMAR will meet with the Contract Administrator to review the progress of the Work, as it will be reflected on the CMAR Payment Request. The CMAR Payment Request will constitute the CMAR's representation that the Work has been performed consistent with the Contract Documents, has progressed to the point indicated in the CMAR Payment Request, and that title to all the Work will pass to the UCFD free and clear of all claims, liens, encumbrances, and security interests upon the incorporation of the Work into the Project.

6.1.3 The CMAR's Payment Request may request payment for equipment and materials not yet incorporated into the Project if construction progress is in reasonable conformance with the approved schedule.

1. For equipment and materials properly stored at the Site, the equipment and materials will be protected by suitable insurance and the UCFD will receive the equipment and materials free and clear of all liens and encumbrances.
2. For materials and equipment stored off the Site, the UCFD must approve the storage. The material and equipment must be stored within Maricopa County and be accessible for the UCFD's inspection. Title to the materials and equipment will protect the UCFD's interest and will include applicable insurance, bonding, storage and transportation to the Site.
3. The UCFD will be named as an Additional Insured on all insurance required for all stored materials or equipment.

6.1.4 The CMAR will submit a Payment Request in a format acceptable to the UCFD on a date established by the UCFD and the CMAR. The Payment Request will be submitted to the Contract Administrator as identified in Article 7.3. This submittal will include, at a minimum, a narrative

description of the tasks accomplished during the billing period, a listing of any Deliverables submitted, and the Subcontractors' actual request for payment plus similar narrative and listing of their work.

- 6.1.5** Payments for these services negotiated as a fixed unit price will be made in accordance with actual measured quantities completed during the preceding month as itemized on the Schedule of Values and stated in Exhibit C.2. Payment for services negotiated as a lump sum will be made in accordance with the percentage of the services completed during the preceding month as itemized on the Schedule of Values in Exhibit C. Those services negotiated, as a not-to-exceed reimbursable sum will be paid in accordance with the actual costs of the service expended during the preceding month. The UCFD will review Payment Requests and make recommendations for approval or denial within 7 days after the UCFD's receipt of each properly submitted and accurate Construction Payment Request, but in each case less the total of payments previously made, and less amounts properly withheld as retention under Article 6.3. Payment Requests will be considered approved and certified for payment after 7 days unless before that time, the Contract Administrator issues a specific finding setting forth in detail those items in the Request for Payment that are not approved for payment.
- 6.1.6** The CMAR agrees at its own cost and expense, to perform all construction, as called for by this Contract free and clear of all claims, liens, and charges whatsoever, in the manner and under the conditions specified within the time, or times, stated in this Contract.
- 6.1.7** Each Schedule of Values will be submitted as prescribed in this Contract and others, and subject to adjustment in accordance to this Contract and will serve as the basis for monthly progress payments made to the CMAR throughout the construction. It is understood that the Work under this Project will be accomplished under multiple GMPs.
- 6.1.8** The CMAR will submit to the UCFD on the monthly anniversary of the construction NTP date beginning with the first month after the construction NTP date the "Construction Payment Request".

6.2 PAYMENT OF GMP

- 6.2.1** The UCFD will make payment in accordance with A.R.S. §34-609. Payment will be made no later than 14 days after the CMAR Payment Request is certified and approved by the UCFD's Contract Administrator, less amounts properly retained under Article 6.3. The CMAR will pay all sums due to the subcontractors and suppliers for services and materials within 7 days after the CMAR has received payment from the UCFD.
- 6.2.2** The UCFD will pay the CMAR all amounts properly due. If the UCFD determines that the CMAR is not entitled to all or part of a CMAR Payment Request, it will notify the CMAR in writing within 7 days after the date the CMAR Payment Request is received by the UCFD. The notice will indicate the specific amounts the UCFD intends to withhold, the reasons and contractual basis for the withholding, and the specific measures the CMAR must take to rectify the UCFD's concerns. The

CMAR and the UCFD will attempt to resolve the UCFD's concerns. If the parties cannot resolve these concerns, the CMAR may pursue its rights under the Contract Documents, including those under Article 7.

6.3 RETENTION OF GMP

6.3.1 The UCFD will retain 10% of each CMAR Payment Request amount, provided, however, that when 50% of the Work has been completed by the CMAR, on CMAR's request one-half of the amount retained, including any substituted securities, will be paid to the CMAR if the CMAR is making satisfactory progress on the Contract, and there is no specific cause or claim requiring a greater amount to be retained. After the Contract is 50% completed, no more than 5% of the amount of any subsequent progress payments may be retained if the CMAR is making satisfactory progress on the Contract. If, however, the UCFD determines that satisfactory progress is not being made on the Contract, the UCFD may reinstate the 10% retention for all remaining progress payments.

6.3.2 In lieu of retention, the CMAR may provide an assignment of time certificates of deposit (CDs) from a bank licensed by the State of Arizona, securities guaranteed by the United States, securities of the United States, the State of Arizona, Arizona counties, Arizona municipalities, Arizona school districts, or shares of savings and loan institutions authorized to transact business in Arizona.

1. Securities deposited in lieu of retention must be deposited into a separate account with a bank having a branch located in the Town of Carefree or neighboring community.
2. CDs and Securities will be assigned exclusively for the benefit of the UCFD in accordance with the UCFD's requirements.

6.4 SUBSTANTIAL COMPLETION

6.4.1 It is acknowledged and understood that the Carefree Water Consolidation Project will be completed under multiple GMP's, with the work under each GMP identified as a "Project" for purposes of this and subsequent Contracts. Substantial Completion will be for the entire "Project" (as defined in each GMP) unless a partial Substantial Completion is identified in the approved GMP schedule and stated in the Notice to Proceed letter. Substantial Completion will be in accordance with its definition in Article 12, and with the criteria in the Notice to Proceed.

6.4.2 Before notifying the UCFD as required in Article 6.4.3 below, the CMAR must inspect the Work and prepare and submit to the UCFD a comprehensive list of items to be completed or corrected. The CMAR will proceed promptly to complete and correct items on the list. Failure to include an item on the list does not alter the responsibility of the CMAR to complete all Work in accordance with the Contract Documents.

6.4.3 The CMAR will notify the UCFD when it believes the Work, or to the extent permitted in the Contract Documents, a portion of the Work, is substantially complete.

- 6.4.4** Within 5 days of the UCFD's receipt of the CMAR's notice, the UCFD and the CMAR will jointly inspect the Work to verify that it is substantially complete in accordance with the requirements of the Contract Documents.
- 6.4.5** If the Work is substantially complete, the UCFD will prepare and issue a Certificate of Substantial Completion that will establish (i) the date of Substantial Completion of the Work or portion of the Work, (ii) the remaining items of Work that have to be completed within 30 calendar days before Final Acceptance, (iii) provisions (to the extent not already provided in the Contract Documents) establishing the UCFD's and the CMAR's responsibility for the Project's security, maintenance, utilities and insurance pending Final Acceptance and (iv) an acknowledgment that warranties commence to run on the date of Substantial Completion, except as may otherwise be noted in the Certificate of Substantial Completion.
- 6.4.6** The UCFD, at its option, may use a portion of the Work which has been determined to be substantially complete, provided, however, that (i) a Certificate of Substantial Completion has been issued for the portion of Work addressing the items in Article 6.4.5 above, (ii) the CMAR and the UCFD have obtained the consent of their sureties and insurers, and to the extent applicable, the appropriate government authorities having jurisdiction over the Project, and (iii) the UCFD and the CMAR agree that the UCFD's use or occupancy will not interfere with the CMAR's completion of the remaining Work.
- 6.4.7 Substantial Completion.** Upon Substantial Completion of the entire Work or, if applicable, any portion of the Work, the UCFD may release to the CMAR all retained amounts relating, as applicable, to the entire Work or completed portion of the Work, not to exceed two and one half times (2.5) the reasonable value of all remaining or incomplete items of Work as noted in the Certificate of Substantial Completion.

6.5 FINAL ACCEPTANCE

Upon receipt of written notice that the Work or identified portions of the Work are ready for final inspection and acceptance, the UCFD and the CMAR will jointly inspect to verify that the remaining items of Work have been completed as described in Article 6.4. Upon verification that the items have been satisfactorily completed, the UCFD will issue a Final Acceptance Letter.

6.6 FINAL PAYMENT

- 6.6.1** After receipt of a final CMAR Payment Request, and provided that the CMAR has completed all of the Work in conformance with the Contract Documents, the UCFD will make final payment 14 days after the UCFD has issued its Final Acceptance Letter.
- 6.6.2** At the time of submission of its final CMAR Payment Request, the CMAR will provide the following information:
1. An affidavit that there are no claims, obligations or liens outstanding or unsatisfied for labor, services, material, equipment, taxes or other

items performed, furnished or incurred for or in connection with the Work which will in any way affect the UCFD's interests;

2. An affidavit regarding settlement of claims executed by the CMAR waiving, upon receipt of final payment by the CMAR, all claims, except those claims previously made in writing to the UCFD and remaining unsettled at the time of final payment; and
3. Consent of the CMAR's surety, if any, to final payment.

6.7 EXTENSION OF TIME FOR FINAL PERFORMANCE

In the event the CMAR is delayed in performing any task, which at the time of the delay is then critical, or which during the delay becomes critical, as the sole and exclusive result of any act or omission by the UCFD, or someone acting on the UCFD's behalf, or by UCFD authorized Change Orders, unusually severe weather not reasonably anticipatable, fire, or other Acts of God, occurring without the fault or negligence of the CMAR, the date for achieving Substantial Completion, or, as applicable, final completion, will be appropriately adjusted by the UCFD upon the written claim of the CMAR to the UCFD filed in full compliance with the Contract Documents. A task is critical within the meaning of this Article if the task is on the critical path of the most recently approved Progress Schedule so that a Delay in performing the task will Delay the ultimate completion of the Project. ANY CLAIM FOR AN EXTENSION OF TIME BY THE CMAR MUST STRICTLY COMPLY WITH THE REQUIREMENTS OF ARTICLE 7 BELOW. IF THE CMAR FAILS TO MAKE SUCH CLAIM AS REQUIRED IN THIS ARTICLE, ANY CLAIM FOR AN EXTENSION WILL BE WAIVED AND SHALL BE DISMISSED.

6.8 PAYMENTS TO SUBCONTRACTORS OR SUPPLIER

6.8.1 The CMAR will pay its Subcontractors or suppliers within 7 calendar days after receipt of each progress payment from the UCFD, unless otherwise agreed in writing by the CMAR and Subcontractor or supplier. The CMAR will pay for the amount of the Work performed or materials supplied by each Subcontractor or supplier as accepted and approved by the UCFD with each progress payment. In addition, any reduction of retention by the UCFD to the CMAR will result in a corresponding reduction to Subcontractors or suppliers who have performed satisfactory work. The CMAR will pay Subcontractors or suppliers the reduced retention within 7 calendar days of the payment of the reduction of the retention to the CMAR. No Contract between the CMAR and its Subcontractors and suppliers may materially alter the rights of any Subcontractor or supplier to receive prompt payment and retention reduction as provided in this Contract.

6.8.2 If the CMAR fails to make payments in accordance with these provisions, the UCFD may take any of one or more of the following actions and the CMAR agrees that the UCFD may take these actions:

1. To hold the CMAR in default under this Contract;

2. Withhold future payments including retention until proper payment has been made to Subcontractors or suppliers in accordance with these provisions;
3. Reject all future offers to perform work for the UCFD from the CMAR for a period not to exceed one year from Substantial Completion date of this project; or
4. Terminate this Contract.

6.8.3 If the CMAR's payment to a Subcontractor or supplier is in dispute, the CMAR and Subcontractor or supplier agree to submit the dispute to any one of the following dispute resolution processes within 14 calendar days from the date any party gives notice to the other: (a) binding arbitration; (b) a form of alternative dispute resolution (ADR) agreeable to all parties, or (c) a UCFD facilitated mediation. When a disputed claim is resolved through ADR or otherwise, the CMAR and Subcontractor or supplier agrees to implement the resolution within 7 calendar days after the resolution date.

6.8.4 Should the UCFD fail or delay in exercising or enforcing any right, power, privilege, or remedy under this Article, this failure or delay will not be considered a waiver, release or modification of the requirements of this Article or of any of the terms or provisions of this Contract.

6.8.5 The CMAR will include these prompt payment provisions in every subcontract, including procurement of materials and leases of equipment for this Contract.

6.9 RECORD KEEPING AND FINANCE CONTROLS

6.9.1 Records of the CMAR's direct personnel payroll, reimbursable expenses pertaining to this Project and records of accounts between the UCFD and the CMAR will be kept on a generally recognized accounting basis.

From the effective date of this Contract and until 3 years after the date of final payment by the UCFD to the CMAR, the UCFD, its authorized representative, and the appropriate federal or state agencies, reserve the right to audit the CMAR's records to verify the accuracy and appropriateness of all pricing data, including data used to negotiate Contract Documents and any Change Orders or Contract Modifications. The UCFD or its authorized representative will have access, during normal working hours, to all necessary Contractor and Subcontractor facilities, and will be provided adequate and appropriate workspace, in order to conduct audits in compliance with the provisions of this Article. The UCFD will give the Contractor or Subcontractor reasonable advance notice of intended audits.

The UCFD reserves the right to decrease the Contract Price or payments made on this Contract if, upon audit of the CMAR's records, the audit discloses the CMAR has provided false, misleading, or inaccurate cost and pricing data.

- 6.9.2** The CMAR will include similar provisions in all of its Contracts with Subconsultants and Subcontractors providing services under the Contract Documents to ensure the UCFD, its authorized representative, and the appropriate Federal and State agencies, have access to the Subconsultants' and Subcontractors' records to verify the accuracy of cost and pricing data.
- 6.9.3** The UCFD reserves the right to decrease Contract Price or payments, or both, made on this Contract if the above provision is not included in Subconsultant's and Subcontractor's contracts, and one or more Subconsultants or Subcontractors, or both, do not allow the UCFD to audit their records to verify the accuracy and appropriateness of pricing data.
- 6.9.4** If an audit discloses overcharges, of any nature, by the CMAR to the UCFD in excess of 1% of the total contract billings, the actual cost of the UCFD's audit will be reimbursed to the UCFD by the CMAR. Any adjustments or payments, or both, which must be made as a result of any audit or inspection of the CMAR's invoices and records will be made within a reasonable amount of time (not to exceed 90 days) after presentation of the UCFD's findings to the CMAR.
- 6.9.5** This audit provision includes the right to inspect personnel records as required by Section 11.35.

ARTICLE 7 – CLAIMS AND DISPUTES

7.0 REQUESTS FOR CONTRACT ADJUSTMENTS AND RELIEF

7.1 REQUESTS FOR CONTRACT ADJUSTMENTS AND RELIEF

- 7.1.1** If either the CMAR or the UCFD believes that it is entitled to relief against the other for any event arising out of or related to the Work, that party will provide written notice to the other party of the basis for its claim for relief. The claims shall set forth in detail all known facts and circumstances supporting the claim; final costs associated with any claim upon which notice has been given must be submitted in writing to the UCFD within thirty (30) days after notice has been received.
- 7.1.2** That notice will, if possible, be made before incurring any cost or expense and in accordance with any specific notice requirements contained in applicable Articles of the Contract.
- 7.1.3** Written notice will be given within a reasonable time, not to exceed ten (10) days, after the occurrence giving rise to the claim for relief or after the claiming party reasonably should have recognized the event or condition giving rise to the request, whichever is later.
- 7.1.4** Notice must include sufficient information to advise the other party of the circumstances giving rise to the claim for relief, the specific contractual adjustment or relief requested and the basis of the request. ANY NOTICE OF CLAIM NOT FILED WITH THE UCFD WITHIN SUCH TIME AND IN COMPLIANCE WITH THE PRECEEDING PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN WAIVED AND SHALL BE DISMISSED.
- 7.1.5** In the event the Contractor seeks to make a claim for an increase in the Contract Price, as a condition precedent to any liability of the UCFD therefore, unless emergency conditions exist, the CMAR shall strictly comply with the requirements of this section and such claim shall be made by the CMAR before proceeding to execute any work for which a claim is made. Failure to comply with this condition precedent shall constitute a waiver by the CMAR of any claims for compensation.
- 7.1.6** The CMAR must continue its performance under this contract regardless of the existence of any claims by the CMAR.
- 7.1.7** In a claim by the CMAR against the UCFD for compensation in excess of the Contract sum, any liability of the UCFD to the CMAR shall be strictly limited and computed in accordance with the Contract documents and shall in no event include indirect costs (such as home office overheads or consequential damages of the CMAR or any estimated costs or damages.

7.2 DISPUTE AVOIDANCE AND RESOLUTION

- 7.2.1** The parties are fully committed to working with each other throughout the Project and agree to communicate regularly with each other at all times so as to avoid or minimize disputes or disagreements. If disputes or

disagreements do arise, the CMAR and the UCFD each commit to resolving any disputes or disagreements in an amicable, professional and expeditious manner so as to avoid unnecessary losses, delays and disruptions to the Work.

- 7.2.2** The CMAR and the UCFD will first attempt to resolve disputes or disagreements at the field level through discussions between the CMAR's Representative, the Project Manager and the Construction Admin Supervisor.
- 7.2.3** If a dispute or disagreement cannot be resolved through the CMAR's Representative, and the UCFD's Contract Administrator, the CMAR's Senior Representative and the UCFD's Senior Representative, upon the request of either party, will meet as soon as conveniently possible, but in no case later than 30 days after the request is made, to attempt to resolve the dispute or disagreements.
- 7.2.4** Before any meetings between the Senior Representatives, the parties will exchange relevant information that will assist the parties in resolving their dispute or disagreements. Should the Parties' Senior Representatives be unable to resolve the dispute or disagreement, the parties shall submit the matter to binding private arbitration. Any settlement agreement signed by the parties pursuant to the arbitration shall be binding.
- 7.2.5** Duty to Continue Performance. Unless provided to the contrary in the Contract Documents, the CMAR will continue to perform the Work and the UCFD will continue to satisfy its payment obligations to the CMAR pending the final resolution of any dispute or disagreement between the CMAR and the UCFD.

7.3 REPRESENTATIVES OF THE PARTIES

7.3.1 Contract Administrators

The UCFD designates the individual listed below as its Senior Representative ("UCFD's Senior Representative"), which individual has the authority and responsibility for avoiding and resolving disputes under Article 7.2:

Greg Crossman, PE
District Manager
7181 Ed Everett Way, P.O. Box 702, Carefree, AZ 85377
(480) 488-9100
greg@carefreewaterco.com

The UCFD designates the individual listed below as its Contract Administrator:

Greg Crossman, PE
District Manager
7181 Ed Everett Way, P.O. Box 702, Carefree, AZ 85377
(480) 488-9100
greg@carefreewaterco.com

The UCFD designates the individual listed below as its Construction Admin Supervisor:

Greg Crossman, PE
District Manager
7181 Ed Everett Way, P.O. Box 702, Carefree, AZ 85377
(480) 488-9100
greg@carefreewaterco.com

7.3.2 CMAR's Representatives

The CMAR designates the individual listed below as its Senior Representative ("CMAR's Senior Representative"), which individual has the authority and responsibility for avoiding and resolving disputes under Article 7.2:

Daniel J. Spitz, P.E., President
Achen-Gardner Construction, LLC
550 South 79th Street
Chandler, AZ 85266
(480) 940-1300
dspitza@achen.com

The CMAR designates the individual listed below as its Project Manager:

Brian Froelich, Project Manager
Achen-Gardner Construction, LLC
550 South 79th Street
Chandler, AZ 85266
(480) 940-1300
bfroelich@achen.com

ARTICLE 8 – SUSPENSION AND TERMINATION

8.0 UCFD’S RIGHT TO STOP WORK

The UCFD may, at its discretion and without cause, order the CMAR in writing to stop and suspend the Work. Immediately after receiving this notice, the CMAR must discontinue advancing the Work specified in this Contract. The suspension may not exceed 180 consecutive days. If the UCFD suspends the Work for 181 consecutive Days or more, the suspension will be a Contract termination for convenience.

The CMAR may seek an adjustment of the Contract Price or Contract Time, or both, if its cost or time to perform the Work has been adversely impacted by any suspension or stoppage of the Work by the UCFD.

8.1 TERMINATION FOR CONVENIENCE

8.1.1 Upon receipt of written notice to the CMAR, the UCFD has the right to terminate this Contract or abandon any portion of the Project for which services have not been performed by the CMAR.

1. The CMAR will estimate the value of the Work it has completed and submit its appraisal to the UCFD for evaluation. The UCFD will have the right to inspect the Work to appraise the Work completed.
2. The CMAR will receive compensation for services performed to the date of termination as provided in Article 6.5 of this Contract and the fee will be paid in accordance with Article 6.5.2 and will be an amount mutually agreed upon by the CMAR and the UCFD. If there is no mutual agreement, the final determination will be made in accordance with Article 7.
3. The CMAR will not be entitled to anticipated profit or anticipated overhead but is entitled to recover apportioned profit and overhead proportional to the amount of the Work completed. In no event will the fee exceed that stated in Article 8.1.4 of this Contract or as may be subsequently amended.
4. The UCFD will make the final payment within 60 days after the CMAR has delivered the last of the partially completed items and the final fee has been agreed upon.
5. If the UCFD terminates this Contract in accordance with the provisions of this Article and proceeds to construct the Project through its employees, agents or third parties, the UCFD’s rights to use the work product will be as provided in Article 8.3.

8.1.2 Upon any termination during construction services, the CMAR will proceed with the following obligations:

1. Stop Work as specified in the notice.
2. Place no further subcontracts or orders.

3. Terminate all subcontracts to the extent they relate to the Work terminated.
4. Assign to the UCFD all right, title and interest of the CMAR under the subcontracts terminated, in which case the UCFD will have the right to settle or to pay any termination settlement proposal arising out of those terminations.
5. Take any action that may be necessary for the protection and preservation of the property related to the Contract that is in the possession of the CMAR and to which the UCFD has or may acquire an interest.
6. Comply with the requirements of Article 6.6.2 (1), (2) and (3).

8.1.3 The CMAR will submit complete termination inventory schedules no later than 60 days from the date of the notice of termination.

8.1.4 The UCFD will pay CMAR the following:

1. The direct value of its completed Work and materials supplied as of the date of termination;
2. The reasonable costs and expenses attributable to any termination; and
3. The CMAR will be entitled to profit and overhead on completed Work only, but will not be entitled to anticipated profit or anticipated overhead. If it appears the CMAR would have sustained a loss on the entire Work had the Project been completed, the CMAR will not be allowed profit and the UCFD will reduce the settlement to reflect the indicated rate of loss.

8.1.5 The CMAR will maintain all records and documents for 3 years after final settlement. These records will be maintained and subject to auditing as prescribed in Article 6.8.

8.2 CANCELLATION FOR CAUSE

The UCFD may also cancel this Contract or any part of this Contract with 7 days' notice for cause in the event of any default by the CMAR, or if the CMAR fails to comply with any of the terms and conditions of this Contract. Unsatisfactory performance despite a reasonable opportunity to cure as judged by the Contract Administrator, and failure to provide the UCFD, upon request, with adequate assurances of future performance will all be causes allowing the UCFD to cancel this Contract for cause. In the event of cancellation for cause, the CMAR will be entitled to amounts due and owing to the CMAR under this Contract for work performed, but will also be liable to the UCFD for any and all damages available under the Contract sustained by reason of the default that gave rise to the cancellation.

8.3 UCFD’S RIGHT TO PERFORM AND CANCEL FOR CAUSE

- 8.3.1** If the CMAR persistently fails to (i) provide a sufficient number of skilled workers, (ii) supply the materials required by the Contract Documents, (iii) comply with applicable Legal Requirements, (iv) timely pay, without cause, Subconsultants or Subcontractors, or both, (v) prosecute the Work with promptness and diligence to ensure that the Work is completed by the Contract Time, as these times may be adjusted, or (vi) perform material obligations under the Contract Documents, then the UCFD, in addition to any other rights and remedies provided in the Contract Documents or by law, has the rights stated in Articles 8.3.3, 8.3.4 and 8.3.5.
- 8.3.2** In the event the CMAR is in violation of any applicable Federal, State, County or UCFD law, regulation or ordinance, the UCFD may cancel this Contract immediately upon giving notice and a reasonable opportunity to cure to the CMAR. In the event the UCFD cancels this Contract or any part of the services, the UCFD will notify the CMAR in writing, and immediately upon receiving notice, the CMAR will discontinue advancing the Work under this Contract and proceed to close all operations.
- 8.3.3** If the UCFD provides the CMAR with a written order to correct deficiencies, to provide adequate maintenance of traffic, adequate cleanup, adequate dust control, or to repair damage resulting from abnormal weather conditions, and the CMAR fails to comply within the time frame specified, the UCFD may have work accomplished by other sources at the CMAR’s expense.
- 8.3.4** Upon the occurrence of an event as stated in Article 8.3, the UCFD may provide written notice to the CMAR that it intends to cancel the Contract unless the problem cited is cured, or commenced to be cured, within 7 days of the CMAR’s receipt of notice.
- 8.3.5** If the CMAR fails to cure, or undertake reasonable efforts to cure the problem, then the UCFD may give a second written notice to the CMAR of its intent to cancel within an additional 7 day period.
- 8.3.6** If the CMAR, within this second 7 day period, fails to cure, or undertake reasonable efforts to cure the problem, then the UCFD may declare the Contract canceled for cause by providing written notice to the CMAR of this declaration.
- 8.3.7** Upon declaring the Contract canceled in accordance with Article 8.3.6, the UCFD may enter upon the premises and take possession of all materials and equipment, for the purposes of completing the Work.
- 8.3.8** Upon cancellation or abandonment, the CMAR will deliver to the UCFD all drawings, special provisions, field survey notes, reports, and estimates, entirely or partially completed, in any format, including but not limited to written or electronic media, together with all unused materials supplied by the UCFD. Use of incomplete data will be the UCFD’s sole responsibility.
- 8.3.9** The CMAR will appraise the Work it has completed and submit its appraisal to the UCFD for evaluation.

- 8.3.10** If through any cause, the CMAR fails to fulfill in a timely and proper manner its obligations under this Contract, or if the CMAR violates any of the covenants, agreements, or stipulations of this Contract, the UCFD may withhold any payments to the CMAR for the purpose of setoff until such time as the exact amount of damages due the UCFD from the CMAR is determined by a court of competent jurisdiction.
- 8.3.11** In the event of cancellation for cause, the CMAR will not be entitled to receive any further payments under the Contract Documents until the Work is finally completed in accordance with the Contract Documents. At that time, the CMAR will only be entitled to be paid for Work performed and accepted by the UCFD before its default.
- 8.3.12** If the UCFD's cost and expense of completing the Work exceeds the unpaid balance of the Contract Price, then the CMAR will be obligated to pay the difference to the UCFD. These costs and expense will include not only the cost of completing the Work, but also losses, damages, costs and expense, including attorneys' fees and expenses, incurred by the UCFD in connection with the eProcurement and defense of claims arising from the CMAR's default.
- 8.3.13** If the UCFD improperly cancels the Contract for cause; the cancellation for cause will be converted to a termination for convenience in accordance with the provisions of Article 8.1.

ARTICLE 9 – INSURANCE AND BONDS

9.0 INSURANCE REQUIREMENTS

9.1 INSURANCE REQUIREMENTS

- 9.1.1** At the same time as execution of this Contract, the CMAR shall furnish the UCFD a certificate of insurance on a standard insurance industry ACORD form. The ACORD form must be issued by an insurance company authorized to transact business in the State of Arizona.
- 9.1.2** The CMAR, Subcontractors and Subconsultants must procure and maintain, until all of their obligations have been discharged, including any warranty periods under this Contract are satisfied, insurance against claims for injury to persons or damage to property, which may arise from or in connection with the performance of the Work by the CMAR, his agents, representatives, employees, or Subcontractors.
- 9.1.3** The insurance requirements are minimum requirements for this Contract and in no way limit the indemnity covenants contained in this Contract.
- 9.1.4** The UCFD in no way warrants that the minimum limits contained in this Contract are sufficient to protect the CMAR from liabilities that might arise out of the performance of the Contract services under this Contract by the CMAR, his agents, representatives, employees, Subcontractors or Subconsultants and the CMAR is free to purchase any additional insurance as may be determined necessary.
- 9.1.5** Claims Made. In the event any insurance policies required by this Contract are written on a “claims made” basis, coverage shall continue uninterrupted throughout the term of this Contract by keeping coverage in force using the effective date of this Contract as the retroactive date on all “claims made” policies. The retroactive date for exclusion of claims must be on or before the effective date of this Contract, and can never be after the effective date of this Contract. Upon completion or termination of this Contract, the “claims made” coverage shall be extended for an additional three (3) years using the original retroactive date, either through purchasing an extended reporting option; or by continued renewal of the original insurance policies. Submission of annual Certificates of Insurance, citing the applicable coverages and provisions specified herein, shall continue for three (3) years past the completion or termination of this Contract.

- 9.2 MINIMUM SCOPE AND LIMITS OF INSURANCE.** The CMAR will provide coverage and with limits of liability not less than those stated below.

9.2.1 Commercial General Liability - Occurrence Form

Commercial General Liability: CMAR must maintain “occurrence” form Commercial General Liability insurance with a limit of not less than \$2,000,000 for each occurrence, \$2,000,000 Products and Completed

Operations Annual Aggregate, and a \$2,000,000 operations, independent contractors, products completed operations, personal injury and advertising injury. If any Excess insurance is utilized to fulfill the requirements of this paragraph, the Excess insurance must be “follow form” equal or broader in coverage scope than underlying insurance.

9.2.2 Automobile Liability - Any Auto or Owned, Hired and Non-Owned Vehicles

Vehicle Liability: CMAR must maintain Business/Automobile Liability insurance with a limit of \$1,000,000 each accident on CMAR owned, hired, and non-owned vehicles assigned to or used in the performance of the CMAR’s work or services under this Contract. If any Excess insurance is utilized to fulfill the requirements of this paragraph, the Excess insurance must be “follow form” equal or broader in coverage scope than underlying insurance.

9.2.3 Workers Compensation and Employers Liability Insurance

Workers Compensation and Employers Liability Insurance: CMAR must maintain Workers Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of CMAR employees engaged in the performance of work or services under this Contract and must also maintain Employers’ Liability insurance of not less than \$500,000 for each accident, \$500,000 disease for each employee and \$1,000,000 disease policy limit.

9.2.4 Professional Liability

Professional Liability: If the Contract is the subject of any professional services or work performed by the CMAR, or if the CMAR engages in any professional services or work adjunct or residual to performing the work under this Contract, the CMAR must maintain Professional Liability insurance covering errors and omissions arising out of the work or services performed by the CMAR, or anyone employed by the CMAR, or anyone whose acts, mistakes, errors and omissions the CMAR is legally liable, with a liability limit of \$1,000,000 each claim and \$2,000,000 all claims. In the event the Professional Liability insurance policy is written on a “claims made” basis, coverage will extend for 3 years past completion and acceptance of the work or services, and the CMAR, or its selected Design Professional will submit Certificates of Insurance as evidence the required coverage is in effect. The Design Professional must annually submit Certificates of Insurance citing that the applicable coverage is in force and contains the required provisions for a 3 year period.

If there is no Professional Liability work or service as a part of this Contract, the UCFD will waive the Professional Liability insurance requirement in writing.

9.3 SELF-INSURED RETENTIONS. Any self-insured retentions and deductibles must be declared and approved by the UCFD. If not approved, the UCFD may

require that the insurer reduce or eliminate any self-insured retentions with respect to the UCFD, its officers, officials, agents, employees, and volunteers.

9.4 OTHER INSURANCE REQUIREMENTS. The policies are to contain, or be endorsed to contain, the following provisions:

9.4.1 Coverage Terms and Required Endorsements.

1. The Commercial General Liability, and Automobile Liability policies are to contain, or be endorsed to contain, the following provisions: The Town of Carefree, Arizona Utilities Community Facilities District (UCFD), the Carefree Water Company (Water Company), and the Town of Carefree (Town), its officers, officials, agents, and employees are additional insureds with respect to liability arising out of activities performed by, or on behalf of, the CMAR including the UCFD's, Water Company's, and Town's general supervision of the CMAR; Products and Completed operations of the CMAR; and automobiles owned, leased, hired, or borrowed by the CMAR.
2. The UCFD, Water Company, and Town, its officers, officials, agents, and employees must be additional insureds to the full limits of liability purchased by the CMAR even if those limits of liability are in excess of those required by this Contract.
3. The CMAR's insurance coverage must be primary insurance with respect to the UCFD, Water Company, and Town, its officers, officials, agents, and employees. Any insurance or self-insurance maintained by the UCFD, Water Company, and Town, its officers, officials, agents, and employees must be in excess of the coverage provided by the CMAR and must not contribute to it.
4. The CMAR's insurance must apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. Coverage provided by the CMAR must not be limited to the liability assumed under the indemnification provisions of this Contract.
6. The policies must contain a waiver of subrogation against the UCFD, Water Company, and Town, its officers, officials, agents, and employees, for losses arising from Work performed by the CMAR for the UCFD.
7. The CMAR, its successors and or assigns, are required to maintain Commercial General Liability insurance as specified in this Contract for a minimum period of 3 years following completion and acceptance of the Work. The CMAR must submit a Certificate of Insurance evidencing Commercial General Liability insurance during this 3 year period containing all the Contract insurance requirements, including naming the UCFD, Water Company, and Town, its agents, representatives, officers, directors, officials and employees as Additional Insured as required.

9.4.2 Workers' Compensation and Employers Liability Coverage: The insurer must agree to waive all rights of subrogation against the UCFD, Water Company, and Town, its officers, officials, agents, employees, and volunteers for losses arising from Work performed by the CMAR for the UCFD, Water Company, or Town.

9.5 SUBCONSULTANT'S AND SUBCONTRACTOR'S INSURANCE. Unless the CMAR's Subconsultants and Subcontractors can provide the same level of coverage as detailed in Article 9.2 and name the UCFD, Water Company, and Town and the CMAR as Additional Insureds, the CMAR's certificates must include all Subcontractors and Subconsultants as insureds under its policies or the CMAR must maintain separate certificates and endorsements for each Subcontractor and Sub consultant. All coverages for Subcontractors and Subconsultants must be in the amounts shown in Article 9.2. Certificates must contain a provision that the insurance will not be canceled or materially altered without at least 30 days advance notice to the UCFD. The UCFD, Water Company, and Town must also be named as a Loss Payee under the Builders' Risk-Installation coverage, if applicable.

9.6 NOTICE OF CANCELLATION. If the CMAR receives notice that any of the required policies of insurance are materially reduced or cancelled, it will be the CMAR's responsibility to provide prompt notice to the Contract Administrator of same to the UCFD, unless such coverage is immediately replaced with similar policies. Each insurance policy required by the insurance provisions of this Contract must provide the required coverage and must not be suspended, voided, canceled by either party, reduced in coverage or in limits except until after 30 days written notice has first been given, by certified mail, return receipt requested to:

Town of Carefree, Arizona Utilities Community Facilities District
7181 Ed Everett Way
P.O. Box 702
Carefree, Arizona 85377

9.7 ACCEPTABILITY OF INSURERS. Without limiting any obligations or liabilities of the CMAR, the CMAR must purchase and maintain, at its own expense, the required minimum insurance with duly licensed or approved non-admitted insurers in the State of Arizona with an A.M. Best rating of not less than B++6 with policies and forms satisfactory to UCFD. Failure to maintain insurance as required may result in termination of this Contract at the UCFD's option.

9.8 VERIFICATION OF COVERAGE

9.8.1 The CMAR must furnish the UCFD Certificates of Insurance (ACORD form or equivalent approved by the UCFD) and with original endorsements effecting coverage as required by this Contract. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.

9.8.2 All certificates and endorsements are to be received and approved by the UCFD before Work commences except for Builders' Risk Insurance, which must be received and approved as provided in Article 9.2.5. Each insurance policy required by this Contract must be in effect at or before

the earlier of commencement of Work under the Contract Documents or the signing of this Contract except for Builders' Risk Insurance which must be in effect before commencement of Work and remain in effect for the duration of the Project. Failure to maintain the insurance policies as required by this Contract or to provide evidence of renewal is a material breach of contract.

9.8.3 All certificates of insurance required by this Contract must be sent directly to the UCFD. **The project number and project description must be included on the Certificates of Insurance.** The UCFD reserves the right to require complete certified copies of all insurance policies required by this Contract, at any time.

9.9 APPROVAL. Any modification or variation from the insurance requirements in this Contract must be approved by the Risk Management Division, whose decision is final. This action will not require a formal contract amendment but may be made by administrative action.

9.10 BONDS AND OTHER PERFORMANCE SECURITY

9.10.1 Before execution of this Contract, the CMAR must provide a performance bond and a labor and materials bond, each in an amount equal to the full amount of the GMP. Bonds must be submitted in accordance with Title 34, Chapter 6 of the Arizona Revised Statutes and will be in substantially the same form as Exhibits C and D attached to this Contract. Ken looking into.

9.10.2 Each bond must be executed by a surety company or companies holding a Certificate of Authority to transact surety business in the State of Arizona, issued by the Director of the Arizona Department of Insurance. A copy of the Certificate of Authority must accompany the bonds. The Certificate must have been issued or updated within 2 years before the execution of this Contract.

9.10.3 The bonds must be made payable and acceptable to the UCFD.

9.10.4 The bonds must be written or countersigned by an authorized representative of the surety and the bonds must have attached a certified copy of the Power of Attorney of the signing official.

1. If one Power of Attorney is submitted, it must be for twice the total GMP amount.

2. If two Powers of Attorney are submitted; each must be for the total GMP amount. Personal or individual bonds are not acceptable.

9.10.5 Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment of obligations arising under the Contract Documents, the CMAR must promptly furnish a copy of the bonds or permit a copy to be made.

9.10.6 All bonds submitted for this Project must be provided by a company which has been rated "A- or better" by the A.M. Best Company.

ARTICLE 10 – INDEMNIFICATION

10.0 CMAR’S GENERAL INDEMNIFICATION. To the fullest extent permitted by law, upon the assertion of a claim, the CMAR, its successors, assigns and guarantors, must defend, indemnify and hold harmless the UCFD, the Water Company, and the Town, its agents, representatives, officers, directors, officials and employees from and against all allegations, demands, proceedings, suits, actions, claims, damages, losses, expenses, including but not limited to, attorney fees, court costs, and the cost of appellate proceedings, and all claim adjusting and handling expense, investigation and litigation, for bodily injury or personal injury (including death), or loss or damage to tangible or intangible property caused, or alleged to be caused, in whole or in part, related to, arising from or out of, or resulting from any negligence, recklessness, or intentional wrongful conduct to the extent caused by the CMAR or any of its owners, officers, directors, agents, or employees performing work or services under this Contract, including but not limited to, any Subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable and any injury or damages by any of the CMAR employees. This indemnity includes any claim or amount arising out of, or recovered under, the Worker’s Compensation Law or arising out of the failure of the CMAR to conform to any federal, state, or local law, statute, ordinance, rule, regulation, or court decree. It is the specific intention of the parties that the UCFD, Water Company, and Town shall, in all instances, except for Claims arising solely from the negligent or willful acts or omissions of the UCFD, Water Company, or Town, be indemnified by the CMAR from and against any and all claims. It is agreed that the CMAR will be responsible for primary investigation, defense, and judgment costs where this indemnification is applicable. In consideration of the award of this Contract, the CMAR agrees to waive all rights of subrogation against the UCFD, Water Company, or Town its officers, agents, representatives, directors, officials, and employees for losses arising from the work performed by the CMAR for the UCFD, Water Company, or Town.

Insurance provisions in this Contract are separate and independent from the indemnity provisions of this Article and will not be construed in any way to limit the scope and magnitude of the indemnity provisions. The indemnity provisions of this paragraph will not be construed in any way to limit the scope and magnitude and applicability of the insurance provisions.

10.1 INTELLECTUAL PROPERTY

10.1.1 The CMAR must pay all royalties and license fees associated with its performance of services.

10.1.2 The CMAR must defend any action or proceeding brought against the UCFD, Water Company, or Town based on any claim that the Work, or any part of it, or the operation or use of the Work or any part of it, constitutes infringement of any United States patent or copyright, now or subsequently issued. The UCFD, Water Company, or Town will give prompt written notice to the CMAR of any action or proceeding and will reasonably provide authority, information and assistance in the defense of the action. The CMAR will indemnify and hold harmless the UCFD from and against all damages, expenses, losses, royalties, profits and costs, including but not limited to attorneys’ fees and expenses awarded against the UCFD, Water Company, or Town or the CMAR in any action or

proceeding. The CMAR agrees to keep the UCFD, Water Company, and Town informed of all developments in the defense of these actions. The UCFD, Water Company, or Town may be represented by and actively participate through its own counsel in any suit or proceedings if it so desires.

- 10.1.3** If the UCFD, Water Company, or Town are enjoined from the operation or use of the Work, or any part of the Work, as the result of any patent or copyright suit, claim, or proceeding, the CMAR must at its sole expense take reasonable steps to procure the right to operate or use the Work. If the CMAR cannot procure the right within a reasonable time, the CMAR must promptly, at the CMAR's option and at the CMAR's expense, (i) modify the Work so as to avoid infringement of any patent or copyright or (ii) replace the Work with Work that does not infringe or violate any patent or copyright.
- 10.1.4** Articles 10.1.2 and 10.1.3 above will not be applicable to the extent any suit, claim or proceeding based on infringement or violation of a patent or copyright (i) relating solely to a particular process or product of a particular manufacturer specified by the UCFD, Water Company, or Town and not offered or recommended by the CMAR to the UCFD, Water Company, or Town or (ii) arising from modifications to the Work by the UCFD, Water Company, or Town or its agents after acceptance of the Work, or (iii) relating to the copyrights of any specification, drawings, or any Design Documents provided by the UCFD, Water Company, or Town, the Design Professional, any consultant retained by the UCFD, Water Company, or Town, or by a Subcontractor or Supplier.
- 10.1.5** The obligations contained in this Article 10.1 will constitute the sole Contract between the parties relating to liability for infringement or violation of any patent or copyright.

ARTICLE 11 – GENERAL PROVISIONS

11.0 The CMAR is advised to contact the UCFD and the Town of Carefree to determine the requirements for obtaining a permit for marshaling areas it proposes to use. Marshaling areas must be fenced. The CMAR must obtain written approval from the property owner for marshaling area use. This approval must contain any requirements which are a condition of this approval. Marshaling yard requirements according to M.A.G. Subsection 107.6.1 and UCFD and Town of Carefree requirements will apply.

11.1 CONTRACT DOCUMENTS

11.1.1 Contract Documents are as defined in Article 12.

11.1.2 The Contract Documents form the entire Contract between the UCFD and the CMAR. No oral representations or other Contracts have been made by the parties except as specifically stated in the Contract Documents.

11.1.3 In the event of any inconsistency, conflict, or ambiguity between or among the Contract Documents, the Contract Documents will take precedence in the order in which they are listed in the definition of Contract Documents in Article 12. As to drawings and plans, given dimensions will take precedence over scaled measurements, and large scale plans over small-scale plans. Contract specifications will take precedence over Contract plans.

11.1.4 The Contract Documents are intended to permit the parties to complete the Work and all obligations required by the Contract Documents within the Contract Time(s) for the Contract Price. The Contract Documents are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction and design industry standards.

11.1.5 This Contract, the Plans, Standard Specifications and Details, Special Provisions, Performance Bond, Payment Bond, Certificates of Insurance, and Change Orders (if any) are by reference made a part of this Contract.

11.1.6 Work Product

1. All work products (electronically or manually generated) including but not limited to: cost estimates, studies, design analyses, original mylar drawings, Computer Aided Drafting and Design (CADD) file diskettes, and other related documents which are prepared or procured in the performance of this Contract (collectively referred to as documents) are to be and remain the property of the UCFD and are to be delivered to the UCFD before the final payment is made to the CMAR. In the event these documents are altered, modified or adapted without the written consent of the CMAR or the Subconsultants, which consent the CMAR or the Subconsultants will not unreasonably withhold, the UCFD agrees to hold the CMAR and the Subconsultants harmless to the extent permitted by law from the legal liability arising

out of the UCFD's alteration, modification or adoption of the documents.

2. The copyrights, patents, trade secrets or other intellectual property rights associated with the ideas, concepts, techniques, inventions, processes or works of authorship developed, created by the CMAR, its Subconsultants or personnel, during the course of performing this Contract or arising out of the Project will belong to the CMAR.

- 11.2 AMENDMENTS.** The Contract Documents may not be changed, altered, modified, or amended in any way except in writing signed by a duly authorized representative of each party.
- 11.3 TIME IS OF THE ESSENCE.** The UCFD and the CMAR mutually agree that time is of the essence with respect to the dates and times contained in the Contract Documents.
- 11.4 MUTUAL OBLIGATIONS.** The UCFD and the CMAR commit at all times to cooperate fully with each other and proceed on the basis of trust and good faith, to permit each party to realize the benefits afforded under the Contract Documents.
- 11.5 COOPERATION AND FURTHER DOCUMENTATION.** The CMAR agrees to provide the documents, as the UCFD will reasonably request to implement the intent of the Contract Documents.
- 11.6 ASSIGNMENT.** Neither the CMAR nor the UCFD will, without the written consent of the other assign, transfer or sublet any portion of this Contract or part of the Work or the obligations required by the Contract Documents.
- 11.7 FORCE MAJEURE.** Neither party will be responsible for delays or failures in performance resulting from acts beyond their control. These acts will include, but not be limited to, riots, acts of war, acts of terrorism, epidemics, labor disputes not arising out of the actions of the CMAR, governmental regulations imposed after the fact, fire, communication line failures, or power failures.
- 11.8 FUNDS APPROPRIATION.** If the UCFD Council does not appropriate funds to continue this Contract and pay for required charges, the UCFD may terminate this Contract at the end of the current fiscal period. The UCFD agrees to give written notice to the CMAR at least 30 days before the end of its current fiscal period and will pay the CMAR for all approved charges incurred through the end of this period.
- 11.9 CONSTRUCTION METHODS.** If the UCFD provides the CMAR with a written order to provide adequate maintenance of traffic, clean-up, dust control or to correct deficiencies or damage resulting from abnormal weather conditions, and the CMAR fails to comply in the time frame specified, the UCFD may have work accomplished by other sources at the CMAR's expense.
- 11.10 UTILITY RELOCATIONS FOR CONSTRUCTION METHODS.** If any utility is relocated or rebuilt to accommodate the CMAR's construction methods and available equipment, the expense will be borne by the CMAR.

- 11.11 DAMAGED UTILITIES DURING CONSTRUCTION.** Any utilities damaged during construction will be replaced at the CMAR's expense as required by the M.A.G. Standard Specifications.
- 11.12 THIRD PARTY BENEFICIARY.** The Contract Documents will not be construed to give any rights or benefits to anyone other than the UCFD and the CMAR, and all duties and responsibilities undertaken in accordance with the Contract Documents will be for the sole and exclusive benefit of the UCFD and the CMAR and not for the benefit of any other party.
- 11.13 GOVERNING LAW.** The Contract and all Contract Documents are considered to be made under and will be construed in accordance with and governed by the laws of the State of Arizona without regard to the conflicts or choice of law provisions. Any action to enforce any provision of this Contract or to obtain any remedy under this Contract will be brought in the Superior Court, Maricopa County, Arizona. Such action must be filed, tried and remain in this Court for any and all proceedings. For this purpose, each party expressly and irrevocably consents to the jurisdiction and venue of this Court, and the CMAR hereby waives the right to have such action removed to Federal District Court.
- 11.14 SEVERABILITY.** If any provision of the Contract Documents or the application of them to any person or circumstance is invalid, illegal or unenforceable to any extent, the remainder of the Contract Documents and their application will not be affected and are enforceable to the fullest extent permitted by law. In accordance with the provisions of ARS § 41-194.01, should the Attorney General give notice to the UCFD that any provisions of the Contract violates state law or the Arizona Constitution, or that it may violate a state statute or the Arizona Constitution, and the Attorney General submits the offending provision to the Arizona Supreme Court, the offending provision(s) shall be immediately severed and struck from the Contract and the UCFD and the CMAR shall, within 10 days after such notice, negotiate in good faith to resolve any issues related to the severed provision(s). If the parties are unable to negotiate a resolution to any issues related to the severed provision(s), the UCFD may terminate this Contract in accordance with the provisions of Article 8 hereof.
- 11.15 LEGAL REQUIREMENTS.** The CMAR will perform all Work in accordance with all Legal Requirements and will provide all notices applicable to the Work as required by the Legal Requirements.
- 11.16 INDEPENDENT CONTRACTOR.** The CMAR is and will be an independent contractor and not an employee or agent of the UCFD.
- 11.17 UCFD'S RIGHT OF CANCELLATION.** All parties to this Contract acknowledge that it is subject to cancellation by the UCFD as provided by Section 38-511, Arizona Revised Statutes.
- 11.18 SURVIVAL.** All warranties, representations and indemnifications by the CMAR will survive the completion or termination of this Contract.
- 11.19 COVENANTS AGAINST CONTINGENT FEES.** The CMAR warrants that no person other than a bona fide employee working solely for the CMAR has been employed or retained to solicit or secure this Contract or any Contract or understanding for a commission, percentage, brokerage, or contingent fee. For breach or violation of this covenant, the UCFD will have the right to annul this

Contract without liability or at its discretion to deduct from the Contract Price or consideration, or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee, together with costs and attorney's fees.

- 11.20 SUCCESSORSHIP.** The CMAR and the UCFD agree that the provisions of the Contract Documents are binding upon the parties, their employees, agents, heirs and assigns. This Contract extends to and is binding upon the CMAR, its successors and assigns, including any individual, company, partnership or other entity with or into which the CMAR merges, consolidates or is liquidated, or any person, corporation, partnership or other entity to which the CMAR sells its assets.
- 11.21 ATTORNEY'S FEES.** In the event either party brings any action for any relief, declaratory or otherwise, arising out of this Contract, or on account of any breach or default, the prevailing party will be entitled to receive from the other party reasonable attorneys' fees and reasonable costs and expenses, determined by the court sitting without a jury, which will be considered to have accrued on the commencement of the action and is enforceable whether or not the action is prosecuted to judgment.
- 11.22 HEADINGS.** The headings used in this Contract, or any other Contract Documents, are for ease of reference only and will not in any way be construed to limit or alter the meaning of any provision.
- 11.23 NO WAIVER.** The failure of either party to enforce any of the provisions of the Contract Documents or to require performance of the other party of any of the provisions of this Contract will not be construed to be a waiver of those provisions, nor will it affect the validity of the Contract Documents, or the right of either party to enforce each and every provision.
- 11.24 NOTICE.** All notices or demands required to be given, in accordance with the terms of this Contract, will be given to the other party in writing, delivered by hand or registered or certified mail, at the addresses stated below, or to any other address the parties may substitute by written notice given in the manner prescribed in this paragraph. Notice given by facsimile or electronic mail (email) will not be considered adequate notice.

To UCFD:	Greg Crossman, PE UCFD Manager 7181 Ed Everett Way P.O. Box 702 Carefree, AZ 85377 (480) 488-9100 greg@carefreewaterco.com
To CMAR:	Brian Froelich, Project Manager Achen-Gardner Construction, LLC 550 South 79 th Street Chandler, AZ 85266 (480) 940-1300 bfroelich@achen.com

- 11.25 EQUAL EMPLOYMENT OPPORTUNITY.** During the performance of this Contract the CMAR will comply with all provisions of Executive Order 11246 of

September 24, 1965, and the rules, regulations and relevant orders of the Federal government's Affirmative Action guidelines to ensure that employees or applicants applying for employment will not be discriminated against because of race, color, religion, sexual orientation, gender identity, or national origin. The CMAR must include the terms of this provision in all contracts and subcontracts for Work performed under this Contract, including supervision and oversight. The CMAR will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CMAR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

11.26 NO PREFERENTIAL TREATMENT OR DISCRIMINATION: In accordance with the provisions of Article II, Section 36 of the Arizona Constitution, the UCFD will not grant preferential treatment to or discriminate against any individual or group on the basis of race, sex, color, ethnicity or national origin. **Additional UCFD Rights Regarding Security Inquiries.** In addition to the foregoing, the UCFD reserves the right to: (1) have an employee/prospective employee of the CMAR be required to provide fingerprints and execute other documentation as may be necessary to obtain criminal justice information pursuant to A.R.S. §41-1750(G)(4); (2) act on newly acquired information whether or not the information should have been previously discovered; (3) unilaterally change its standards and criteria relative to the acceptability of the CMAR's employees or prospective employees, or both; and, (4) object, at any time and for any reason, to an employee of the CMAR performing Work (including supervision and oversight) under this Contract.

11.26.1 Terms of this Provision Applicable to all of CMAR's Contracts and Subcontracts. The CMAR will include the terms of this provision for employee background and security checks and screening in all contracts and subcontracts for work performed under this Contract, including supervision and oversight.

11.26.2 Materiality of Security Inquiry Provisions. The Security Inquiry provisions of this Contract are material to the UCFD's entry into this Contract and any breach by the CMAR may, at the UCFD's sole option and unfettered discretion, be considered to be a breach of contract of sufficient magnitude to terminate this Contract. Termination will subject the CMAR to liability for its breach of contract.

11.27 HAZARDOUS MATERIALS. Upon discovery of hazardous materials, the CMAR will comply with all applicable laws/ordinances and regulations and take all appropriate health and safety precautions.

11.27.1 Unless included in the Work, if the CMAR encounters onsite or as material to be incorporated in the Work, any material which he reasonably believes to contain asbestos, polychlorinated biphenyl (PCB), or other hazardous substances or materials regulated by public health laws, he will immediately stop work and report the condition to the UCFD.

- 11.27.2** If the material is found to contain asbestos, PCB or other hazardous substances or materials regulated by public health laws, the CMAR will not resume work in the affected area until the material has been abated or rendered harmless. The CMAR and the UCFD may agree, in writing, to continue Work in non-affected areas onsite.
- 11.27.3** An extension of Contract Time may be granted in accordance with Article 6.
- 11.27.4** The CMAR will comply with all applicable laws/ordinances and regulations and take all appropriate health and safety precautions upon discovery.
- 11.27.5** Despite the provisions of this Article 11.27, the UCFD is not responsible for Hazardous Conditions introduced to the Site by the CMAR, Subcontractors or anyone for whose acts they may be liable. The CMAR will indemnify, defend and hold harmless the UCFD, Water Company, and Town and their officers, directors, employees and agents from and against all claims, losses, damages, liabilities and expenses, including attorneys' fees and expenses, arising out of or resulting from those Hazardous Conditions introduced to the Site by the CMAR, Subcontractors or anyone for whose acts they may be liable.

11.28 TRAFFIC CONTROL

- 11.28.1** The Town Engineer or designee must approve the timing and sequence of complete street closures at least 2 weeks before the closure. This approval is necessary to provide coordination with other roadway projects and special events.
- 11.28.2** Adequate barricades and lighted warning signs must be installed and maintained by the CMAR throughout the duration of the Project. All traffic control must be in accordance with the City of Phoenix Traffic Control Manual or the approved barricade plan unless otherwise specified in the Special Provisions.
- 11.28.3** The CMAR must submit a construction schedule and a barricade plan to the Construction Admin Supervisor for approval or modification at least 72 hours before construction is initiated. After review, the Construction Admin Supervisor will forward the construction schedule and barricade plan to the Town Engineer. The Construction Admin Supervisor will return the approved barricade plan to the Contractor or ask for additional information.
- 11.28.4** The CMAR will comply with all provisions of the City of Phoenix Traffic Barricade Manual and any other traffic control provisions as may be provided in the technical specifications or in the approved barricade plan.

- 11.29 MATERIAL SOURCE.** No material source has been designated by the UCFD for use on this Project. MAG Specification, Section 106 will apply as will 2008 ADOT Standard Specifications, Section 106.1, 106.2, 106.7 & 106.8, which outline controls and Section 1001-1, -2, & -4, concerning approval of Contractor

furnished material source and supplemental Contracts in regards to environmental analysis and the liability for materials testing costs.

- 11.29.1** A CMAR and Subcontractor furnished source will be defined as a material source, which is neither an ADOT furnished source nor a commercial source, as defined in this Contract.
- 11.29.2** A commercial source will be defined as a material source in which the owner or producer has been for at least one year regularly engaged during regular business hours on a continuous basis in the processing and selling of sand, rock, ready mixed Portland cement concrete, asphaltic concrete and other similar products normally produced and sold to all parties. The company will have an Arizona retail sales tax license.
- 11.29.3** The CMAR and Subcontractor furnished material sources situated in the 100-year flood plain of any stream or watercourse, and located within 1.0 mile upstream and 2.0 miles downstream of any highway structure or surfaced roadway crossing will not be allowed.
- 11.29.4** The location of any new material source or existing non-commercial material source proposed for use on this Project will be reviewed by the appropriate agency having flood plain management jurisdiction over the area of proposed source location. The CMAR and Subcontractor will obtain a letter from the agency addressed to the Contract Administrator certifying that the proposed source location conforms to the requirements of this Contract and applicable Standard Specifications as referenced.
- 11.30** The CMAR will familiarize itself with the nature and extent of the Contract documents, work to be performed, all local conditions, and Federal, State and Local laws, ordinances, rules and regulations that in any manner may affect cost, progress or performance of the work.
- 11.31** The CMAR will take whatever steps, procedures or means necessary to remove, move, displace and save all native plants within the contract work area in accordance with the Town of Carefree Zoning Ordinance, Section 9.13, Landscaping, and all applicable state and county statutes, ordinances, codes and other policy requirements and recognized methods, procedures, techniques and equipment for protection, salvage, and handling of all plants to be moved from the construction area. This is not a pay item unless specified upon the Schedule of Bid Items.
- 11.32 ENDANGERED HARDWOODS.** Any construction, building addition or alteration project which is financed by monies of this state or its political subdivisions will not use endangered tropical hardwood unless an exemption is granted by the Director of the State of Arizona, Department of Administration.
- 11.33 HOURS OF WORK**
 - 11.33.1** All construction activity and associated work will be restricted to the following hours:

Monday thru Saturday	6:00 a.m. to 7:00 p.m.
Sunday and Holidays	10:00 a.m. to 7:00 p.m.

Construction activity will include any work requiring the use of manually operated or power assisted tools or equipment and vehicles used to excavate, erect or deliver materials associated with construction.

11.33.2 The UCFD may establish other times of work as necessary based on the geographical location of the jobsite in relation to surrounding occupancies, buildings and structures.

11.33.3 The CMAR must submit a written request to the UCFD for a variance from the required work hours at least 7 days before the date for which the variance is desired. Variances will not be granted for more than 30 days at a time. A new application must be made for each additional variance. The CMAR must notify adjacent property owners of the intended work and the duration of the requested variance. Proof of notification must be presented to the UCFD before the variance can be granted.

1. The application for the variance must demonstrate justifiable cause why the work must be done outside the prescribed time period (e.g. pouring concrete during “summer hours”). A variance will not be granted based solely on convenience or for work that can be completed during daytime construction hours.
2. The application for a variance must state the construction permit number, the address of the work, type of work, time period of the work, and the duration of the variance.

11.34 COMPLIANCE WITH FEDERAL AND STATE LAWS. The CMAR understands and acknowledges the applicability to it of the American with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989. The CMAR agrees that the performance of this Work will be in accordance with these laws and to permit the UCFD to verify compliance. The CMAR will also comply with A.R.S. §34-301, “Employment of Aliens on Public Works Prohibited”, and A.R.S. §34-302, as amended, “Residence Requirements for Employees”. The CMAR will include the terms of this provision in all contracts and subcontracts for Work performed under this Contract, including supervision and oversight.

Under the provisions of A.R.S. §41-4401, the CMAR warrants to the UCFD that the CMAR and all its subcontractors will comply with all Federal Immigration laws and regulations that relate to their employees and that the CMAR and all its subcontractors now comply with the E-Verify Program under A.R.S. §23-214(A).

A breach of this warranty by the CMAR or any of its subcontractors will be considered a material breach of this Contract and may subject the CMAR or Subcontractor to penalties up to and including termination of this Contract or any subcontract.

The UCFD retains the legal right to inspect the papers of any employee of the CMAR or any subcontractor who works on this Contract to ensure that the CMAR or any subcontractor is complying with the warranty given above.

The UCFD may conduct random verification of the employment records of the CMAR and any of its subcontractors to ensure compliance with this warranty. The CMAR agrees to indemnify, defend and hold the UCFD harmless for, from and against all losses and liabilities arising from any and all violations of these statutes related to the performance of this Work.

The UCFD will not consider the CMAR or any of its subcontractors in material breach of this Contract if the CMAR and its subcontractors establish that they have complied with the employment verification provisions prescribed by 8 USCA §1324(a) and (b) of the Federal Immigration and Nationality Act and the E-Verify requirements prescribed by A.R.S. §23-214(A). The “E-Verify Program” means the employment verification pilot program as jointly administered by the United States Department of Homeland Security and the Social Security Administration or any of its successor programs.

The provisions of this Article must be included in any contract the CMAR enters into with any and all of its subcontractors who provide services under this Contract or any subcontract. “Services” are defined as furnishing labor, time or effort in the State of Arizona by a contractor or subcontractor. Services include construction or maintenance of any structure, building or transportation facility or improvement to real property. The CMAR will take appropriate steps to assure that all subcontractors comply with the requirements of the E-Verify Program. The CMAR’s failure to assure compliance by all its’ subcontractors with the E-Verify Program may be considered a material breach of this Contract by the UCFD.

11.34.1 Compliance with Americans with Disabilities Act

The CMAR acknowledges that, pursuant to the Americans with Disabilities Act (ADA), programs, services and other activities provided by a public entity to the public, whether directly or through a contractor, must be accessible to the disabled public. The CMAR will provide the services specified in this Contract in a manner that complies with the ADA and any and all other applicable federal, state and local disability rights legislation; provided, however, that the CMAR shall not be responsible for violations that occur based on compliance with the drawings, specifications, or other Design Documents provided by UCFD, the UCFD’s consultants, or the Design Professional. The CMAR agrees not to discriminate against disabled persons in the provision of services, benefits or activities provided under this Contract and further agrees that any violation of this prohibition on the part of the CMAR, its employees, agents or assigns will constitute a material breach of this Contract.

11.35 DATA CONFIDENTIALITY

11.35.1 As used in this Contract, data means all information, whether written or verbal, including plans, photographs, studies, investigations, audits, analyses, samples, reports, calculations, internal memos, meeting minutes, data field notes, work product, proposals, correspondence and any other similar documents or information prepared by or obtained by the CMAR in the performance of this Contract.

- 11.35.2** The parties agree that all data, including originals, images, and reproductions, prepared by, obtained by, or transmitted to the CMAR in connection with the CMAR's performance of this Contract is confidential and proprietary information belonging to the UCFD.
- 11.35.3** Except for Subcontractors, Material and Equipment Suppliers, Consultants or other like parties necessary to complete the Work or as required by the UCFD, the CMAR will not divulge data to any third party without first obtaining the written consent of the UCFD. The CMAR will not use the data for any purposes except to perform the services required under this Contract. These prohibitions will not apply to the following data provided the CMAR has first given the required notice to the UCFD:
1. Data, which is or becomes publicly available other than as a result of a violation of this Contract;
 2. Data, which was in the CMAR's possession legally and without restrictions before its performance under this Contract. unless the data was acquired in connection with the Work performed for the UCFD;
 3. Data, which was acquired by the CMAR in its performance under this Contract and which was disclosed to the CMAR by a third party, who to the best of the CMAR's knowledge and belief, had the legal right to make any disclosure and the CMAR is not otherwise required to hold the data in confidence; or
 4. Data, which is required to be disclosed by virtue of law, regulation, or court order to which the CMAR is subject.
- 11.35.4** In the event the CMAR is required or requested to disclose data to a third party, or any other information to which the CMAR became privy as a result of any other contract with the UCFD, the CMAR will first notify the UCFD as required in this Article of the request or demand for the data. The CMAR will give the UCFD sufficient facts so that the UCFD can be given an opportunity to first give its consent or take the action that the UCFD may consider appropriate to protect the data or other information from disclosure.
- 11.35.5** The CMAR, unless prohibited by law, shall promptly deliver, as stated in this Article, a copy of all data in its possession and control to the UCFD. All data will continue to be subject to the confidentiality requirements of this Contract.
- 11.35.6** The CMAR assumes all liability for maintaining the confidentiality of the data in its possession and agrees to compensate the UCFD if any of the provisions of this Article are violated by the CMAR, its employees, agents or Subconsultants. Solely for the purposes of seeking injunctive relief, it is agreed that a breach of this Article will cause irreparable harm that justifies injunctive relief in court.

11.36 TAXES AND INDEMNIFICATION

The fee listed in this Contract includes any and all taxes applicable to the activities authorized by this Contract. The UCFD will have no obligation to pay additional amounts for taxes of any type. CMAR and all subcontractors shall pay all Federal, state and local taxes applicable to its operation and any persons employed by the CMAR. CMAR shall, and require all subcontractors to hold the UCFD harmless from any responsibility for taxes, damages and interest, if applicable, contributions required under Federal, and/or state and local laws and regulations and any other costs including transaction privilege taxes, unemployment compensation insurance, Social Security and Worker's Compensation.

11.37 CONFLICT OF INTEREST

11.37.1 To evaluate and avoid potential conflicts of interest, the CMAR will provide written notice to the UCFD, as stated in this Article, of any work or services performed by the CMAR for third parties that may involve or be associated with any real property or personal property owned or leased by the UCFD. The notice will be given 7 business days before commencement of the Project by the CMAR for a third party, or 7 business days before an adverse action as defined below. Written notice and disclosure will be sent to the UCFD's Senior Representative identified in Article 7.3.

11.37.2 Actions that are considered to be adverse to the UCFD under this Contract include but are not limited to:

1. Using data as defined in this Contract acquired in connection with this Contract to assist a third party in pursuing administrative or judicial action against the UCFD;
2. Testifying or providing evidence on behalf of any person in connection with an administrative or judicial action against the UCFD; and
3. Using data to produce income for the CMAR or its employees independently of performing the services under this Contract, without first obtaining the written consent of the UCFD.

11.37.3 The CMAR represents that except for those persons, entities and projects identified to the UCFD, the services to be performed by the CMAR under this Contract are not expected to create an interest with any person, entity, or third party project that is or may be adverse to the interests of the UCFD.

11.37.4 The CMAR's failure to provide a written notice and disclosure of the information as required in this Article on Conflicts of Interest will constitute a material breach of this Contract.

11.38 COMMENCEMENT OF STATUTORY LIMITATION PERIOD AND STATUTE OF REPOSE

11.38.1 Before Final Completion. As to acts or failures to act occurring before the relevant date of Final Completion, any applicable statute of limitations will commence to run and any alleged cause of action will have accrued in any and all events not later than the date of Final Completion.

11.38.2 Between Punch List Preparation and Final Completion. As to acts or failures to act occurring between the relevant date of Punch List Preparation and before Final Completion, any applicable statute of limitation will begin to run and any alleged cause of action will have accrued in any events not later than the date of Final Completion.

11.38.3 After Completion. As to acts or failures to act occurring after the date of Final Completion, any applicable statute of limitations will commence to run and any alleged cause of action will have accrued in any and all events not later than the date of any correction of the Work or failure to correct the Work by the CMAR, or the date of actual commission of any other act or failure to perform any duty or obligation by the CMAR or the UCFD, whichever occurs last.

11.38.4 Statute of Repose. The time period for the applicable Statute of Repose will begin to run at the time specified in A.R.S §12-552 as it is amended or renumbered from time to time.

11.39 NO BOYCOTT OF ISRAEL

Unless preempted by applicable law, by entering into a contract with the UCFD, the CMAR certifies that it is not currently engaged in and agrees for the duration of the Contract to not engage in a boycott of Israel as defined in A.R.S. § 35-393.

11.40 EXISTING WORK OCCURRING NEAR TRAFFIC SIGNAL EQUIPMENT

The CMAR will use due care when excavating at or near intersections where traffic signal underground conduit is located. The CMAR will notify the authorized Inspector, 48 hours in advance, of any work at the intersections. The CMAR will be responsible for the installation and maintenance of temporary overhead traffic signal cable as specified by the Public Works Department when underground conduit is to be severed by excavations at the intersection. The Town Engineer will have all underground traffic conduit located and will provide the necessary Traffic Signal Technicians to assist the CMAR in identifying wiring phases and direction of conduit runs upon 24 hours notice from the CMAR and at least 1 day before the CMAR's scheduled wiring and installation of temporary cables. The CMAR will be responsible for the wiring and connection of all temporary cable within the pull boxes and terminal compartments. The Town Engineer will provide a Traffic Signal Technician to assist the CMAR with connecting field wiring within the traffic signal control cabinet. The CMAR will provide, at CMAR's expense, 2 off-duty uniformed Police Officers to direct traffic while the traffic signal is turned off and the wiring is transferred. The CMAR will be responsible as specified by the Public Works Department for the repair and restoration of all traffic signal overhead and underground items that have been

damaged or modified. Intersections with communications or CCTV cameras will be restored to full functionality within 24 hours, if they are disturbed during construction. The authorized Inspector will contact the Public Works Department, 24 hours in advance, to coordinate the outage. The Town of Carefree does not allow the splicing of Magnetic Detector Loops.

11.41 TEMPORARY TRAFFIC SIGNALS

The CMAR will provide and install temporary traffic signals if at any time during construction the alignment of the traffic lanes is such that two traffic signal indications for any movement are not within a 20 degree cone of vision from the driver's eye located ten feet behind the stop bar position as specified in Section 4D.15 of the MUTCD. The CMAR will submit a temporary traffic signal plan to the Construction Admin Supervisor for approval at least 14 days in advance of installation of the temporary traffic signal equipment. For short durations, the CMAR may obtain approval from the Construction Admin Supervisor to utilize a uniformed Police Officer to direct traffic through the intersection when the above criteria are not met. The CMAR shall be responsible for notifying the Town of Carefree of all changes that will have an effect on the normal flow of traffic operation. (See TMC note above)

11.42 TEMPORARY VEHICLE DETECTION

For all construction projects in the Town of Carefree within duration of 15 days or more, temporary vehicle detection will be required for all approaches at signalized intersections that currently have loop detection which will be disturbed by the construction. In addition, traffic signal communications (telephone or other) to the central signal computer and CCTV (if present) will be maintained continuously during the course of the project. Work under this item will consist of furnishing all labor, equipment and materials necessary to install temporary traffic signal detection, and maintain signal communications. The CMAR or sub-contractor through the life of the project will maintain the detection zones and communications by ensuring full functionality 24 hours a day, 7 days a week. The CMAR will be responsible for the ongoing operation of the detection equipment, which may require redeployment of detection zones as traffic barricading and lane use changes require.

The work will be performed as specified in Sections 11.38 – 11.40, herein and as directed by the Construction Admin Supervisor and Public Works Department.

ARTICLE 12 – DEFINITIONS

“Addenda” – Written or graphic instruments issued before the submittal of the GMP Proposal(s), which clarify, correct, or change the GMP Proposal(s) requirements.

“Allowance Items” - The work items that have been designated "Allowance" are a best estimate of the cost of work for which a scope has yet to be confirmed, determined, or a unit price finalized. The allowance quantity and unit price values are not guaranteed, and are subject to adjustment by mutual agreement between the UCFD and the CMAR as the scope and/or price is confirmed. Associated increases/decreases in cost will be funded/credited with a Change Order to the project. All Allowance items, when involved, are to include Contractor Fee for Overhead and Profit, Insurance, Bonds, and Sales Tax. Parties realize invoices from material suppliers and subcontractors may take in excess of 30 days to receive.

“Alternate Systems Evaluations” - Alternatives for design, means, and methods or other scope of work considerations that are evaluated using value engineering principles and have the potential to reduce construction costs while still delivering a quality and functional Project that meets UCFD requirements.

“As-built Document” – “As-built in construction is equivalent to “as-is.” Drawings deemed “as-built” are final drawings that include all changes made during the actual construction process. These drawings represent the actual existing constructed conditions as opposed to designs or a proposed condition. The As-built Documents should be per Arizona Revised Statute 32-152.

“Blueline or Blackline Prints” – Prints that allows comparison of document versions to show what has been revised.

“Change Order” – means a written order to the CMAR executed by the UCFD after execution of this Contract, directing a change in the Work. A Change Order may include a change in the Contract Price (other than a change attributable to damages to the CMAR for delay as provided in Article 5 hereof) or the time for the CMAR’s performance, or any combination thereof. Where there is a lack of total agreement on the terms of a Change Order or insufficient time to execute a bilateral change, the UCFD may also direct a change in the Work in the form of a Construction Change Directive, which will set forth the change in the Work and the change, if any, in the contract amount or time for performance, for subsequent inclusion in a Change Order; Construction Change Directives shall include a not-to-exceed preliminary price, against which the CMAR may begin billing (subject to the requirements for pay applications provided elsewhere herein) as the work is performed.

“CMAR Construction Fee” is a negotiated fixed fee that is proposed by the CMAR for the project as defined in Article 4.3.

“Claim” means a written request for either payment of additional monies or extension of contract time, submitted in accordance with the terms of this Contract or applicable law.

“Clarifications and Assumptions List” means a list prepared by the CMAR and accepted by the Contract Administrator. Generally, the List identifies the CMAR’s means and methods used in developing the GMP and identifies unresolved construction or site issues that may

impact construction progress. The List of Clarifications and Assumptions may need additional confirmation or study by the project design team to avoid cost impact to the GMP.

“Construction Change Directive” means an alternate mechanism for directing the CMAR to perform additional work under the Contract when time and/or cost of the work is not in agreement between the UCFD and the CMAR.

“Construction Admin Supervisor” means a UCFD employee who coordinates the daily construction activities with the contractor, and with their inspection staff that performs quality control inspections, enforces project plans and specifications and adopted UCFD codes and ordinances.

“Construction Documents” means the plans; specifications and drawings prepared by the Design Professional after correcting for permit review requirements and incorporating addenda and approved change orders.

“Contingency, UCFD’s” - means a construction fund to cover cost growth during the Project used at the discretion of the UCFD usually for costs that result from the UCFD’s direct changes or unforeseen site conditions. The amount of the UCFD’s Project Contingency may be set solely by the UCFD and will be in addition to the project costs included in the CMAR’s GMP package. The UCFD’s Project Contingency is an amount to cover changes initiated by the UCFD, which may be incorporated into the GMP as an allowance at the UCFD’s discretion.

“Contingency, CMAR’s (or Contractor’s)” – means a construction fund to cover increases in the Cost of Work of the Project due to unforeseen circumstances. The CMAR’s Contingency shall be negotiated between the Parties and shall be reflective of the risk inherent in the state of completion of the Construction Documents at the time the GMP Proposal is submitted. Funding of the CMAR’s Contingency shall be at the sole discretion of the UCFD. Use by the Contractor of the CMAR’s Contingency shall be subject to the review and approval of the UCFD’s Contract Administrator, which shall not be unreasonably withheld.

“Contract Administrator” means the person designated in Article 7.3.

“CMAR’s Representative” means the person designated in Article 7.3.2.

“CMAR’s Senior Representative” means the person designated in Article 7.3.2.

“Contract Documents” means the following items and documents in descending order of precedence executed by the UCFD and the CMAR: (i) all written modifications, addenda and Change Orders; (ii) this Contract, including all exhibits and attachments; (iii) written Supplementary Conditions; (iv) Construction Documents; (v) GMP Plans and Specifications; and (vi) the Preconstruction Agreement.

“Contract Time(s)” means the Day(s) set forth in Article 3 subject to adjustment in accordance with this Contract.

“Cost of the Work” means the direct costs necessarily incurred by the CMAR in the proper performance of the Work as defined in Article 4.3.

“Day(s)” mean calendar days unless otherwise specifically noted in the Contract Documents.

“Delay” means an unanticipated event or interference with the progress of a critical path work activity being performed at the time that causes the completion date of the Project to be extended. Delays may be caused by the UCFD, the CMAR, third parties or Force Majeure events. Delays may be excusable, compensable, non-compensable or concurrent.

“Delay, Compensable” means delay that results from the UCFD’s actions or inactions that entitle the CMAR to both a time extension and delay damages.

“Delay, Concurrent” means two or more delays, within the same timeframe, both of which would independently impact the Project’s critical path. If one delay is caused by the UCFD and the other by the CMAR, the CMAR will generally be entitled to an excusable, non-compensable time extension, to the degree the delays may “overlap.”

“Delay, Excusable” means an unforeseeable delay caused by an event beyond the control and without the fault or negligence of the CMAR (including its suppliers and subcontractors). Excusable delays may be compensable or non-compensable, depending upon whether the terms of the Contract or the law allows recovery of delay costs. Unless otherwise shown, it will generally be presumed that these delays are non-compensable.

“Delay, Non-Excusable” means a delay within the control of the CMAR, its suppliers and subcontractors, or a delay resulting from a risk taken by the CMAR under the terms of the Contract. The CMAR will not be due any time extension or delay damages, and may be responsible for paying to the UCFD, actual or liquidated damages for the delay.

“Deliverables” means the work products prepared by the CMAR in performing the scope of work described in this Contract or required by the Project Team.

“Design Team” refers to licensed design professionals that have been selected to work on the Project by the UCFD.

“Design Phase Services Agreement” means the Preconstruction Agreement entered into between the CMAR and the UCFD as referenced in this Contract. This Agreement will contain the provisions associated with the development of the GMP Proposal by the CMAR. Wherever a conflict exists between this Contract and the Preconstruction Agreement, the terms of this Contract will control.

“Differing Site Conditions” - Comply with M.A.G Standard Specifications Subsection 102.4.

“Drawings” (“Plans”) - Documents which visually represent the scope, extent, and character of the Work to be furnished and performed by the CMAR during the construction phase and which have been prepared or approved by the Design Professional and the UCFD. Drawings include documents that have reached a sufficient stage of completion and released by the Design Professional solely for the purposes of review or use in performing constructability or biddability reviews and in preparing cost estimates (e.g. conceptual design Drawings, preliminary design Drawings, detailed design Drawings at 30%, 60%, 90% or 100%), but “*not for construction*”. Drawings do not include shop drawings.

“Effective Date of this Contract” - The date specified in this Contract on which the Contract becomes effective, but if no date is specified, the date on which the UCFD executes this Contract.

“Field Order” means a written field directive prepared and signed by the UCFD, directing a change in work that may or may not include an adjustment in contract price or contract time.

“Final Acceptance” means the completion of all the Work as prescribed in Article 6.5.

“General Conditions” are negotiated indirect costs of the Work necessarily incurred by the CMAR as defined in Article 4.3.

“Guaranteed Maximum Price (GMP) Plans and Specifications” means the documents used to establish the GMP and made part of this Contract by reference.

“Guaranteed Maximum Price” or “GMP” means the sum of the maximum cost of the Work as given in the GMP proposal including the CMAR’s direct costs, indirect costs as defined in Article 4.3.

“Guaranteed Maximum Price (GMP) Proposal” - The offer or proposal of the CMAR submitted on the prescribed form stating the GMP prices for the entire Work or portions of the Work to be performed during the construction phase.

“Hazardous Substance” -_means:

- (a) Any substance designated pursuant to sections 311(b) (2) (A) and 307(a) of the clean water act.
- (b) Any element, compound, mixture, solution or substance designated pursuant to section 102 of CERCLA.
- (c) Any hazardous waste having the characteristics identified under or listed pursuant to section 49-922.
- (d) Any hazardous air pollutant listed under section 112 of the federal clean air act (42 United States Code section 7412).
- (e) Any imminently hazardous chemical substance or mixture with respect to which the administrator has taken action pursuant to section 7 of the federal toxic substances control act (15 United States Code section 2606).
- (f) Any substance which the director, by rule, either designates as a hazardous substance following the designation of the substance by the administrator under the authority described in subdivisions (a) through (e) of this paragraph or designates as a hazardous substance on the basis of a determination that such substance represents an imminent and substantial endangerment to public health.

“Indirect Costs” are the General Conditions, Payment and Performance Bonds, Insurance, Taxes, and Permitting and Licensing Fees as defined in Article 4.3.

“Informational Submittals” – Submittals are required (common with construction projects) for the architect and engineer to verify that the correct products and quantities will be installed on a project.

“Legal Requirements” means all applicable federal, state and local laws, codes, ordinances, rules, regulations, orders and decrees of any government or quasi-governmental entity having jurisdiction over the Project or Site, the practices involved in the Project, Site, or any Work.

“Liquidated Damages” means an amount the CMAR will pay as required in Article 3.4.

“Must” and “will” as used in this Contract are mandatory.

“Notice to Proceed” means a written notice given by the UCFD to the CMAR fixing the date on which the CMAR will start to perform the CMAR’s obligations under this Contract.

“Owner Agent,” “UCFD’s Agent” or “Owner Representative” see “UCFD’s Senior Representative.”

“Payment Request” means a monthly progress payment request that is based on a monthly estimate of the dollar value of the Work completed.

“Preconstruction Services” means advice given during the design phase. Preconstruction Services will be contracted for between the UCFD and the CMAR in accordance with the provisions of Article 1.3.1, as required by A.R.S. §34-603(C) (1) (c). Services may include the following: design review, project scheduling, constructability reviews, alternate systems evaluation, cost estimates, GMP preparation, and subcontractor bid phase services.

“Preconstruction Agreement” means the Contract between the UCFD and the CMAR for the services provided by the CMAR during the design phase which may include the following: design recommendations, project scheduling, constructability reviews, alternate systems evaluation, cost estimate, GMP preparation, and subcontractor bid phase services.

“Product Data” means illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the CMAR to illustrate materials or equipment for some portion of the Work.

“Professional Certification” – Professional certification is a designation which indicates that a person is qualified to perform a job or task. Professional certification can be trade certification or professional designation.

“Project” means the Work to be completed in the execution of this Contract as described in the Recitals and in Exhibit A attached.

“Project Record Documents” means the documents created pursuant to Article 1.6.

“Project Record Drawing Prints” – Set of current design drawings used by construction contractor for reference during construction. These drawings are typically marked up during the construction process, and are used to develop the subsequent “as-built” drawings.

“Project Team” – Consists of the Design Professional, the CMAR, the Contract Administrator, the UCFD’s representatives and other stakeholders who are responsible for making decisions regarding the Project.

“Punch List” means those minor items of Work to be completed before Final Acceptance which do not prevent the Project from being used for the purpose for which it is intended and which will not prevent the issuance of a Certificate of Occupancy.

“Samples” means physical examples that illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

“Savings” means the difference between the Guaranteed Maximum Price and the Final Cost of the Work (including CMAR’s Fee). One Hundred Percent (100%) of savings will accrue to the UCFD, unless otherwise agreed in the itemization of the Guaranteed Maximum Price.

“Schedule of Values (SOV)” means the Document specified in the construction phase, which divides the Contract Price into pay items so that the sum of all pay items equals the Contract Price for the construction phase Work, or for any portion of the Work having a separate specified Contract Price. The SOV may or may not be output from the Progress Schedule depending on whether the Progress Schedule is cost-loaded or not.

“Shop Drawings” mean drawings, diagrams, schedules and other data specially prepared for the Work by the CMAR or a Subcontractor, Sub-subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.

“Site” means any site, land, or premises on which the Project is to be located or constructed including multiple areas within the Town of Carefree, Town of Cave Creek, and City of Scottsdale. The CMAR will require all subcontractors to include the street addresses or descriptors, as applicable, in their contracts.

“Specifications” means those sections of the Contract Documents for the construction phase consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work and certain applicable administrative details.

“Subcontractor” means any person or entity retained by the CMAR as an independent contractor to perform a portion of the Work and must include material men and suppliers. All subcontractors must be selected in accordance with the selection plan stated in Article 1.13.

“Substantial Completion” means when the Work, or when an agreed upon portion of the Work is sufficiently complete so that the UCFD can occupy and use the Project or a portion of it for its intended purposes. This may include, but is not limited to: (a) approval by the Fire Marshall and local authorities (Certificate of Occupancy); (b) issuance of elevator permit; (c) demonstration to the UCFD that all systems are in place, functional, and displayed to the UCFD or its representative; (d) installation of all materials and equipment; (e) UCFD review and acceptance of all systems; (f) UCFD review and acceptance of draft O&M manuals and record documents; (g) UCFD operation and maintenance training completed; (h) HVAC test and balance completed (provide minimum 30 days before projected substantial completion); (i) completed landscaping and site work; and (j) final cleaning.

“Supplier” means a manufacturer, fabricator, supplier, distributor, material man or vendor having a direct contract with the CMAR or any Subcontractor to furnish materials or equipment to be incorporated in the construction phase work by the CMAR or any Subcontractor.

“UCFD” or “District” or “Owner” means the Town of Carefree, Arizona Utilities Community Facilities District, a special purpose tax-levying district and municipal corporation and political subdivision of the State of Arizona. For purposes of this Contract, the use of the terms “UCFD” or “District” or “Owner” shall be include by reference the Carefree Water Company (“Water Company”) and the Town of Carefree (“Town”).

“UCFD’s Project Contingency” is an allowance established solely by the UCFD to be used at the sole discretion of the UCFD to cover any increases in Project costs that result from UCFD directed changes or unforeseen site conditions. The UCFD’s Project Contingency will be added to the GMP amount provided by the CMAR, the sum of which will be the full contract price for construction. Taxes will be applied by the CMAR at the time that the

UCFD's Project Contingency is used. Any CMAR Construction Fee on changes using the UCFD's Project Contingency will be determined under Article 5.

"UCFD's Senior Representative" means the person designated in Article 7.3.

"Work" means the entire completed construction or the various separately identifiable parts of the construction, required to be furnished during the construction phase. Work includes and is the result of performing or furnishing labor and furnishing and incorporating materials, resources and equipment into the construction, and performing or furnishing services and documents as required by the Contract Documents for the construction phase.

END OF CONTRACT - SIGNATURES ON NEXT PAGE.

TOWN OF CAREFREE, ARIZONA UTILITIES
COMMUNITY FACILITIES DISTRICT

PROJECT NO. 2021-W01, CONTRACT NO. C2022-02

This Contract has been executed by the parties above named on the date and year written above, to be retained by the District Clerk.

The CMAR agrees that this Contract, as awarded, is for the stated work and understands that payment for the total work will be made on the basis of the indicated amount(s), under the terms and conditions of the Contract.

CONSTRUCTION MANAGER AT RISK:

ACHEN-GARDNER CONSTRUCTION, LLC, an Arizona Limited Liability Company

By: _____

Print name: _____

Title: _____

**THE TOWN OF CAREFREE, ARIZONA
UTILITIES COMMUNITY FACILITIES DISTRICT**
Arizona municipal corporation

ATTEST:

Les Peterson, Chairman

Kandace French Contreras, District Clerk

REVIEWED:

Greg Crossman, PE
District Manager

APPROVED AS TO FORM:

Michael W. Wright, District Attorney

**EXHIBIT A
PROJECT DESCRIPTION
SCOPE OF WORK – GMP A3**

Contractor shall perform all work and furnish all materials and labor for the construction of a concrete water storage reservoir at the Tom Darlington site as defined in GMP A3 attached as Exhibit C.

**EXHIBIT B
PRECONSTRUCTION AGREEMENT**

PRECONSTRUCTION PHASE SERVICES CONTRACT

C2021-01

IS ON FILE AT THE DISTRICT CLERK'S OFFICE

EXHIBIT C

GMP A3



August 29, 2022

E-Mailed: 8-29-22
greg@carefreewaterco.com

Town of Carefree, Arizona Utilities Community Facilities District
7181 Ed Everett Way
Carefree, AZ 85377

Attn: Greg Crossman, P.E., General Manager and Contract Administrator

Re: Carefree Water Consolidation Project
Town of Carefree Project No. 2021-W01
Achen-Gardner Project No. 3878106

Subj: Achen-Gardner GMP A3 Proposal

Dear Mr. Crossman:

Achen-Gardner Construction, LLC respectfully submits for your review and approval our GMP A3 Proposal dated 8/29/22 for the Town of Carefree Water Consolidation Project, Town of Carefree Project No. 2021-W01. Achen-Gardner proposes to complete the scope of work defined on the plans labeled Tom Darlington Water Storage Reservoir, Carefree Water Company, Located In Parcel #216-33-451D, Section 3 & 4 of Township 5 North, Range 4 East, of the Gila And Salt River Base And Meridian, Maricopa County, Arizona, from Burgess & Niple Inc. stamped by Jeffery Marnicio on 12/16/21 sheets 1-15, S- 1-4, E-001 – 008, LC.001 1 of 9, LP. 101 2 of 9, LP. 101 3 of 9, LP. 201 4 of 9, LP. 301 5 of 9, LI. 001 6 of 9, LI. 101 7 of 9, LI. 201 8 of 9, and LI. 301 9 of 9 and received by Achen-Gardner on April 27, 2022 and the email including attachments from Cassandra Alejandro sent to Abigail Goode on May 11, 2022 at 7:33PM with the subject line RE: 3878106 - GMP A3 100% plan comments. (Attachment H) for a Guaranteed Maximum Price (GMP) not to exceed \$2,109,534.92 as qualified here in.

Please feel free to contact myself with any questions or comments by phone at (602)-376-0103 or by e-mail at bfroelich@achen.com. We are looking forward to a successful project with the Carefree Water Company.

Sincerely;

ACHEN-GARDNER CONSTRUCTION, LLC

Brian Froelich

Brian Froelich, Project Manager

Attachments

Cc: Project File
DS / dspitza@achen.com

ACHEN-GARDNER CONSTRUCTION, LLC | www.achen.com

550 SOUTH 79TH STREET | CHANDLER, AZ 85226 | P: 480.940.1300 | P: 800.580.5548 | F: 480.940.4576

ARIZONA: 261745 A, 261746 B-1, 261747 B-4 | COLORADO: 20101257887 | NEW MEXICO: 365027

INDEX OF ATTACHMENTS

GMP PROPOSAL (8/29/2022)

Town of Carefree, Arizona Utilities Community Facilities District
Carefree Water Consolidation Project
TOC Project Number: 2021-W01/ AGC Project Number: 3878106

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ATTACHMENT A – PROJECT DESCRIPTION

GMP PROPOSAL (8/29/2022)

**Town of Carefree, Arizona Utilities Community Facilities District
Carefree Water Consolidation Project
TOC Project Number: 2021-W01/ AGC Project Number: 3878106**

The Town of Carefree, Arizona Utilities Community Facilities District (the UCFD), through the Carefree Water Consolidation Project, seeks to expand service to more than 20% of Carefree residents who are currently being furnished potable water by the Town of Cave Creek in what are identified as Neighborhoods A, B, and C. This complex project will involve a variety of water system improvements at more than 20 project “sites”. Including the installation of various water lines up to 12” diameter (possibly even 16” diameter), the construction of a new 300,000 gallon concrete potable water storage reservoir, and upgrades or improvements to multiple booster pump stations.

The Work will generally be consistent with that shown in the plans labeled Tom Darlington Water Storage Reservoir, Carefree Water Company, Located In Parcel #216-33-451D, Section 3 & 4 of Township 5 North, Range 4 East, of the Gila And Salt River Base And Meridian, Maricopa County, Arizona, from Burgess & Niple Inc. stamped by Jeffery Marnicio on 12/16/21 sheets 1-15, S- 1- 4, E-001 – 008, LC.001 1 of 9, LP. 101 2 of 9, LP. 101 3 of 9, LP. 201 4 of 9, LP. 301 5 of 9, LI. 001 6 of 9, LI. 101 7 of 9, LI. 201 8 of 9, and LI. 301 9 of 9 and received by Achen-Gardner on April 27, 2022

The scope included in GMP A3 is as follows:

- The backfill of the newly constructed 300,000-gallon concrete potable water storage reservoir tank
- Construction of the CMU retaining/site walls at the storage reservoir site.
- Installation of the needed electrical equipment and chlorination station at the reservoir site.
- The final project landscaping and site work at the reservoir site area.
- Waterline and drainage tie ins for reservoir site not included in previous GMPs or change orders

ATTACHMENT B.1 – PROPOSAL LIST OF DOCUMENTS

GMP PROPOSAL (8/29/2022)

**Town of Carefree, Arizona Utilities Community Facilities District
Carefree Water Consolidation Project
TOC Project Number: 2021-W01/ AGC Project Number: 3878106**

The GMP proposal included herein was developed based off of the following items:

- Plans labeled Tom Darlington Water Storage Reservoir, Carefree Water Company, Located In Parcel #216-33-451D, Section 3 & 4 of Township 5 North, Range 4 East, of the Gila And Salt River Base And Meridian, Maricopa County, Arizona, from Burgess & Niple Inc. stamped by Jeffery Marnicio on 12/16/21 sheets 1-15, S- 1- 4, E-001 – 008, LC.001 1 of 9, LP. 101 2 of 9, LP. 101 3 of 9, LP. 201 4 of 9, LP. 301 5 of 9, LI. 001 6 of 9, LI. 101 7 of 9, LI. 201 8 of 9, and LI. 301 9 of 9 and received by Achen-Gardner on April 27, 2022
- MAG Specifications.
- Achen-Gardner’s Design Phase Proposal and associated Design Phase Services Contract for this project, Town of Carefree Project No. 2021-W01, Contract No. C2021-01 executed on March 2nd, 2021.
- Achen-Gardner’s Design Phase Proposal including all attachments dated 2/24/21.
- Achen-Gardner’s GMP A1 Proposal including all attachments dated 10/20/2021.
- Request for Statement of Qualifications Construction Manager at Risk Services (2020)
- Statement of Qualifications Dated 10/29/20.
- Confirmation Letter and Clarification Letter No. 1 by DN Tanks dated March 4, 2022 (Attachment E).
- Change Order #1 to GMP A1 Dated March 14, 2022, from Achen-Gardner to the Town Of Carefree.
- Achen-Gardner’s Executed contract for GMP A1 including all attachments. Project No.:2021-W01 Contract No.: C2021-06 (including GMP A1 proposal dated 10/20/2021).
- Achen-Gardner’s GMP A2 Proposal including all attachments dated 3/18/2022.
- Achen-Gardner’s GMP 2 Proposal including all attachments dated 12/14/2021.
- Email from Arjmand, Hooman sent to Abigail Goode on August 9, 2022, at 2:01PM with the subject line RE:3878106 – Alternative Equipment for Backfill. (Attachment F)

- Email and attachments from Greg Crossman sent to Abigail Goode on July 15, 2022 at 3:18PM with the subject line RE: 3878106 – GMP A3 Review. (Attachment G)
- Email and attachments from Cassandra Alejandro sent to Abigail Goode on May 11, 2022 at 7:33PM with the subject line RE: 3878106 - GMP A3 100% plan comments. (Attachment H)

ATTACHMENT B.2 – KEY CONSTRUCTION PHASE PERSONNEL

GMP PROPOSAL (8/29/2022)

**Town of Carefree, Arizona Utilities Community Facilities District
Carefree Water Consolidation Project
TOC Project Number: 2021-W01/ AGC Project Number: 3878106**

Achen-Gardner’s project key personnel for construction phase are as follows:

Name:	Title:	Phone:	E-Mail:
Brian Froelich	Project Manager	602-376-0103	bfroelich@achen.com
Mark Gierszewski	Project Superintendent	602-980-1621	mgierszewski@achen.com
Kevin Quinlan	Project Superintendent	602-815-0243	kquinlan@achen.com
Mike Gewecke	Field Operations Manager	602-370-2003	mgewecke@achen.com
Howdy Hale	Specialty Superintendent	602-397-2704	hhale@achen.com
Abigail Goode	Project Engineer	602-377-4593	agoode@achen.com
Benjamin Plis	Project Engineer	602-727-5430	bplis@achen.com
Ken Kawamoto	Pre-construction and Client Services Manager	602-397-7348	kkawamoto@achen.com

Additional team members to provide support during the construction phase are as follows:

Name:	Title:	Phone:	E-Mail:
Dan Spitza	President	602-397-3658	dspitza@achen.com
Andy Mortensen	Project Lead Estimator	480-940-1300	amortensen@achen.com
Jason Robinson	Director Water/Wastewater Plants	602-359-4081	jrobinson@achen.com
Bryan Mueller	Project Executive	602-880-1575	bmueller@achen.com

(Note: Additional key construction phase personnel will be added or removed to this list as necessary.)

GMP A3 -Town Carefree - Carefree Water Consolidation Project TOC PROJECT 2021-W01 AGC PROJECT 3878106					ATTACHEMENT C1 8/29/2022
Bid Item No.	Description	Quantity	Unit	Unit Price	Total
RESERVOIR ELECTRICAL/BACKFILL/ WALL CONSTRUCTON					
60	BACKFILL TANK/ CMU WALLS	1.00	LS	\$ 293,803.07	\$ 293,803.07
65	INSTALL FOOTING DRAIN PIPE/DRAINAGE ROCK		LS	\$ -	\$ -
70	YARD PIPING	1.00	LS	\$ 189,694.32	\$ 189,694.32
80	SITE CONCRETE	1.00	LS	\$ 52,720.26	\$ 52,720.26
90	MANHOLES	1.00	EA	\$ 7,366.61	\$ 7,366.61
91	60" CHLORINATION MANHOLE	1.00	EA	\$ 13,734.98	\$ 13,734.98
95	SITE GRADING	1.00	SF	\$ 8,404.41	\$ 8,404.41
96	4" PERFORATED PVC RAILING WALL DRAIN	100.00	LF	\$ 129.78	\$ 12,978.00
105	AIR PIPING	1.00	LS	\$ 3,762.64	\$ 3,762.64
110	FURNISH/INSTALL FIRE HYDRANT	1.00	EA	\$ 8,748.62	\$ 8,748.62
115	TIE INTO EXISTING	2.00	EA	\$ 10,542.67	\$ 21,085.34
117	1" CORP STOPS FOR CHLORINE SUPPLY & FEED LINES	2.00	EA	\$ 3,366.54	\$ 6,733.08
120	CONSTRUCT CMU WALL	976.00	SF	\$ 66.81	\$ 65,206.56
125	CONSTRUCT 2" STABILIZED DG ROAD ON NATIVE	2,915.00	SF	\$ 6.64	\$ 19,355.60
127	POST AND CHAIN ENTRIES	2.00	EA	\$ 6,200.00	\$ 12,400.00
129	TANK HANDRAIL	1.00	AL	\$ 5,200.00	\$ 5,200.00
130	ELECTRICAL EQUIPMENT	1.00	LS	\$ 340,816.14	\$ 340,816.14
140	CHLORINATION STATION	1.00	LS	\$ 114,797.56	\$ 114,797.56
150	MAN/VEHICULAR ACCESS GATES	1.00	LS	\$ 15,641.00	\$ 15,641.00
160	LANDSCAPING	1.00	LS	\$ 87,605.23	\$ 87,605.23
180	TESTING/START UP	1.00	LS	\$ 30,753.66	\$ 30,753.66
190	TANK DISINFECTION/CLEANING	1.00	LS	\$ 32,669.15	\$ 32,669.15
					\$ -
SUBTOTAL FOR RESERVOIR ELECTRICAL/ BACKFILL/ WALL					\$ 1,343,476.23
GENERAL CONDITIONS					
10	MOBILIZATION/DEMObILIZATION	1.00	LS	\$ 10,040.98	\$ 10,040.98
20	CONSTRUCTION STAKING/ASBUILTS	1.00	LS	\$ 10,000.00	\$ 10,000.00
22	SWPPP/SWPPP IMPLEMENTATION	1.00	AL	\$ 7,500.00	\$ 7,500.00
24	TEMPORARY SITE FENCE	1.00	LS	\$ 17,670.00	\$ 17,670.00
26	SWEEPING	1.00	LS	\$ 11,500.00	\$ 11,500.00
30	MATERIAL TESTING	1.00	LS	\$ 9,000.00	\$ 9,000.00
40	TRAFFIC CONTROL	1.00	AL	\$ 50,100.00	\$ 50,100.00
45	FLAGGER ALLOWANCE		LS	\$ -	\$ -
50	CONSTRUCTION WATER & DUST CONTROL		LS	\$ -	\$ -
300	GENERAL CONDITIONS #1 (9/19/22 to 3/22/23)	6.00	MO	\$ 43,479.93	\$ 260,879.58
305	GENERAL CONDITIONS #2 (11/18/22 to 2/8/23)		LS	\$ -	\$ -
SUBTOTAL GENERAL CONDITIONS					\$ 376,690.56
RUNNING TOTAL NO. 1 DIRECT COST					\$ 1,720,166.79
8100	CONTRACTOR FEE FOR OVERHEAD & PROFIT	12.50%			\$ 215,020.85
SUBTOTAL CONTRACTOR FEE					\$ 215,020.85
RUNNING TOTAL NO. 2 DIRECT COST AND CONTRACTOR FEE					\$ 1,935,187.64
8200	INSURANCE	1.75%			\$ 33,865.78
8300	BONDS	0.70%			\$ 13,783.37
SUBTOTAL INSURANCE AND BOND					\$ 47,649.16
RUNNING TOTAL NO.3 DIRECT COST, CONTRACTOR FEE, INSURANCE AND BOND					\$ 1,982,836.80
8400	SALES TAX 65% of 10.3%	6.695%			\$ 132,750.92
8410	SALES TAX CREDIT FOR WATERLINE MATERIAL PURCHASE				\$ (6,052.80)
SUBTOTAL SALES TAX					\$ 126,698.12
TOTAL GMP A3-Town Carefree - Carefree Water Consolidation Project					\$ 2,109,534.92

ATTACHMENT C.2 – GMP CLARIFICATIONS, INCLUSIONS, & EXCLUSIONS

GMP PROPOSAL (8/22/2022)

**Town of Carefree, Arizona Utilities Community Facilities District
Carefree Water Consolidation Project
TOC Project Number: 2021-W01/ AGC Project Number: 3878106**

1. Scheduling and Phasing:

- a. For the purpose of this GMP, adverse weather conditions such as average days of rain per month, is assumed to be Two (2) each per month. A weather-related delay may be claimed on days where rainfall did not actually occur but follows a day of heavy rain that has impacted the schedule. That is, the 12 days of weather-related delays will not result in delays to the project schedule. If the project experiences additional weather-related delays beyond this amount, the Contractor shall be entitled to negotiate a commensurate extension of time associated with the delays and/or a Price adjustment for additional costs associated with but not limited to General Conditions, accelerations, etc. Based on the proposed NTP of September 19, 2022, and substantial completion of GMP A3 on March 22, 2023, the project duration is 184 calendar days.
- b. Work Hours – This GMP is based on a 8-hour day time work shift Monday to Friday. (re: Attachment D – Schedule). Night and weekend work shall be for restrictive activities as agreed upon with the Town or as required to fulfill off-peak activities as coordinated with and agreed to by the Town. Overtime hours are excluded except. If UCFD directed overtime is required, the premium cost will be compensated for out of UCFD contingency or negotiated Change Order.

2. General Clarifications:

- a. Re: Schedule of Values – This GMP will be administered as a measured quantity using the Town approved unit price type contract. Final contract price / payout will be based on field measured final completed quantities, Town approved unit prices (see Attachment C.1 dated 8/17/22) and applied fee structure (re: Items 8100-8410 percentages), guaranteed not-to-exceed the GMP amount (see GMP SUMMARY ATTACHMENT C.1). It is understood that these individual UCFD approved unit prices include the cost associated with the risk of delivering the work and are not subject to adjustment unless mutually agreed to.
- b. This Project is proposed to be administered as a Measured Quantity/Unit Price Guaranteed Not-to-Exceed Contract (re: to Attachment s C1). The Schedules of Values (Direct Costs) are defined by the individual work items and their associated unit prices (re: Attachment C1, Running Total #1) plus negotiated general conditions, fee structures, and markups (re: Attachment C1, Subtotals #2 and #3, and associated Items 8100-8410). Fee and mark-ups shall apply to all direct costs, allowances, general conditions, change orders, and use of UCFD Contingency. Final contract price/payout shall be based on field measured, final completed quantities, approved unit prices, and approved change orders. It is understood that these individual negotiated and approved unit prices include the costs associated with the risk of delivering the work.

- c. Other Contractor Coordination – The CMAR agrees to make a good faith effort in coordinating its work with that of “other” contractors working within the project limits.
- d. Re: Scope of Work - It is understood that the documents listed in Attachment B.1 (i.e. plans, specifications, etc.) have been used to prepare this GMP. Item “descriptions” and “units” (or unit of measure) included in Attachment C shall serve to assist in the clarification of and definition of the scope of work included under each item of work (i.e. “Bid Item”). The cost associated with any changes, revisions, additions and / or deletions directed by the Town will be compensated for and funded through UCFD Contingency, change order, or future GMP as mutually agreed to by all parties.
- e. Re: NTP - the Notice to Proceed date is to be mutually agreed upon. Our proposal assumes a NTP on September 19, 2022.
- f. Deliverables Scope, as modified and agreed to in the Construction Manager at Risk – Preconstruction services contract dated March 2nd, 2021.
- g. List of Clarifications and/or Assumptions included in this Attachment and/or any of the other GMP Attachments shall take precedence over all Contract Agreements, Plans and Specifications and Town General Conditions articles and/or provisions.
- h. Construction Management Plan is not required and is not included in this GMP.
- i. Proposed project schedule, excludes tasks associated with acquiring temporary construction easements or permanent right-of-way (ROW) of any kind. This GMP assumes that all right-of-way and easements required to construct the Project will be acquired by Town staff no later than Notice to Proceed, or in a time period not to impact the proposed sequencing and schedule of the Project. Any delays, associated costs, or schedule accommodations outside those shown on the schedule are not included in the overall duration presented in this Attachment D or in the GMP.
- j. This GMP excludes all costs associated with Town of Carefree permit & plan review fees, QA (i.e. inspection) costs, impact fees, utility company fees and/or any other permit or fee not detailed in Attachment C and related Attachments.
- k. Definition of “Lump Sum” – Work Items that have been designated “Lump Sum” are a single fixed unit price of one each Lump Sum (LS).
- l. All approved quantity over-runs will be paid for out of UCFD Contingency or change order.
- m. This GMP excludes the additional cost associated with COVID 19 safety procedures, as would be additional to those currently utilized by Achen Gardner at the time of writing this GMP. This relates to accommodate temporary water services, and to sanitary facilities during temporary shutdowns of services to accommodate tie-ins, etc. Any additional cost incurred to the project specifically for COVID 19 protection will be charged to UCFD contingency or a change order to the project. This includes but is not limited to additional temporary hand wash stations and/or restrooms for businesses or residents, service and

cleaning worksite portable restrooms (more than twice per week), and cleaning the field office (more than once per week).

- n. Any person on site, regardless of who they are employed by, will be required to follow the COVID-19 procedures outlined in Achen-Gardner's project safety manual and any additional requirements deemed necessary by the government or construction team as the project progresses.
- o. Allowance Items –Work Items that have been designated “Allowance” are a best estimate of the cost of work for which a scope has yet to be confirmed/determined or a Unit Price finalized. The Allowance Quantity and Unit Price values are not guaranteed, and are subject to adjustment by mutual agreement between the Town and CM@Risk as the scope and/or price is confirmed. Final adjustments to Attachment C1, Item No. 45 shall be made based on final allowance scope of work completed. Associated increases/decreases in cost will be funded/credited from/to the UCFD Contingency Item when defined by UCFD.
- p. This GMP was developed using the plans submitted to Achen-Gardner on April 27th, 2022. Any changes to the plans or revised plan sets produced after that date which results in additional cost to the project will be covered with the UCFD contingency or a change order to the contract.

3. General Bid Item Inclusions/Clarifications:

- a. Bid Item 24: TEMPORARY SITE FENCE- Achen-Gardner will continue to use the previously installed temporary construction fence with tan screen under GMP A2. The cost for this line item is limited to 184 calendar days. Any additional days need to be covered by an additional GMP or Change Order to the project.
- b. Bid Item 30: MATERIAL TESTING- This is for the material testing of the backfill of the tanks as well as the concrete for the CMU walls. Any additional testing required to this portion of the project will be covered by UCFD contingency or a change order to the project.
- c. Bid Item 50: CONSTRUCTION WATER & DUST CONTROL – This item will be a no cost item to the town based on Town of Carefree furnishing construction water at no cost to Achen-Gardner Construction and Dust Control measures concurrently being provided for under other project GMPs.
- d. Bid Item 60: BACKFILL TANK- This includes DN Tank's equipment restrictions for dirt backfill, as well as equipment restrictions for the backfill for over the top of tank. Please see Attachments E and Attachment F for additional details. This bid item also covers the backfill for the CMU walls
- e. Bid Item 65: INSTALL FOOTING DRAIN PIPE/DRAINAGE ROCK – This bid item was to cover the cost of the 3' wide circle of drain rock and fabric installed per DN Tank backfill requirements. Please see Attachment E for more details, However this scope of work has been removed from the project and is no longer covered in this GMP.

- f. Bid Item 70: YARD PIPING- This includes all labor, materials, equipment, and supervision to install and backfill the 12" DIP Inlet line, 12" DIP Bypass Line, 12" DIP Outlet Line, 12" PVC overflow Line, 6" DIP Waterline, 12" x 6" precast vault with PRV and the 3'x3' MAG 535 Catch Basins. This bid item excludes the 4" PVC Tank Ring Drain Discharge that was removed from the scope of the project. please see Attachment G for more details.
- g. Bid Item 80: SITE CONCRETE- This includes labor, equipment, materials, and supervision to install the chlorine building foundation, electrical pad, genset foundation, CMU wall footings and the bollards.
- h. Bid Item 90 & 91: MANHOLES - furnished and installed by subcontractor. Excavation is included in pipe item (bid Item 70). This item excludes the manhole for the 4" PVC Tank Ring Drain Discharge that was removed from the scope of work please see Attachment G for more details.
- i. Bid Item 95: SITE GRADING - This bid item covers the cost to finish grade the site to the grades given by CVL.
- j. Bid Item 96: 4" PERFORATED PVC RAILING WALL DRAIN- This is for the footing drain at the bottom of the knee wall where it ties into the tanks roof. All equipment, labor, and materials are included.
- k. Bid Item 105: AIR PIPING- All labor, materials, and equipment are included to install this 6" DIP piping from the tank lid to the knee wall. Knee wall is the wall on the west side of the tank shown on page 7 of 36 of the plans. This is the wall that connects to the 42" safety rail per MAG detail 145. We excluded any concrete pads in this bid item because it will be constructed under a future scope of work
- l. Bid Item 110: FURNISH/INSTALL FIRE HYDRANT- This is for all labor, materials, and equipment from and including the tee to setting the fire hydrant.
- m. Bid Item 120: CONSTRUCT CMU WALL- This will be constructed by sub-contractors using integral color blocks. Achen-Gardner will dig, form, set rebar and strip the wall footings. This bid item does not cover any of the backfill for the CMU walls. The backfill for the walls is covered by bid item 60. This bid item takes in to account a 22-week lead time to procurer the blocks to build the CMU wall. The lead time is estimated with the assumption that a submittal will be approved no later than 1 week after the NTP is issued.
- n. Bid Item 125: CONSTRUCT 2" STABILIZED DG ROAD ON NATIVE- No specifications for this product were provided. Achen-Gardner is going to install 2" of 5/8" DG on geofabric placed on native ground.
- o. Bid Item 127: POST AND CHAIN ENTRIES0- Achen-Gardner plans on using typical concrete filled bollards and 3/8" wire cable. Town to supply locks.
- p. Bid Item 130: ELECTRICAL EQUIPMENT- All electrical equipment will be furnished and installed by the pre-selected and previously approved sub-contractor. This bid item takes in to

account a 6 month lead time for the electrical equipment. The lead time is estimated with the assumption that a submittal will be approved no later than 1 week after the NTP is issued.

- q. Bid Item 190: TANK DISINFECTION/CLEANING: This Bid item is for Achen-Gardner to power wash the tank and disinfect the tank using AWWA spray disinfection methods. This also includes two flushes. Achen-Gardner will dispose of the test water by de-chlorinating (if necessary) and draining into the existing line or wash. If there is a change to the drainage method any additional costs will be covered by UCFD Contingency or a change order to the contract. This Bid Item includes the 48 hour visual leak testing that will begin after the tank is filled to the overflow level, as described in DN Tanks clarification letter Attachment E in GMP A2, to be done before the tank is backfilled. Any additional testing requirements such as an internal water level measurement and associated evaporation controls are excluded.
- r. Bid Item 300: GENERAL CONDITIONS #1- This is for the reservoir specific general conditions that are not covered by the waterline project. From September 19 to November 18 while the waterline installation (GMP 2) is happening concurrently and part of the general conditions for this project (GMP A3) will be covered by the waterline contract (GMP 2). Additionally, this bid item will cover the costs for general conditions needed to complete the scope of worked covered by this GMP from November 18, 2022 to March 22, 2023.
- s. Bid Item 305: GENERAL CONDITIONS #2- due to scope changes and overlapping GMPs this bid item is no longer needed and the cost for this bid item has been removed from this GMP.

4. General Exclusions:

- a. This GMP proposal excludes any and all costs associated with handling and / or disposing of hazardous wastes not introduced by Achen-Gardner.
- b. The furnishing of any utility pole supports of any kind.
- c. Our Proposal excludes cost impacts due to project shut downs for special events or Holiday moratoriums.
- d. Price excludes any temporary water or sewer service. If temporary water or sewer service is required, the cost will be paid for with a change order, unless the temporary service is used by the CMAR for their purposes.
- e. Unstable Grade – This GMP Proposal excludes any work associated with unstable grade. If required, these costs will be compensated for under UCFD Contingency or Change Order should the condition arise.
- f. Excludes the cost associated with any additional work required due to ground water interference. If required, these costs will be compensated for under CMAR Contingency or Change Order should the condition arise.

- g. Price excludes filling any/all abandoned pipelines. Abandoned pipelines shall be drained and capped.
- h. Price excludes Public Outreach this will be done with MakPro through CVL.
- i. Price excludes Slurry Seal.
- j. Excludes the cost of any haul permit fees.
- k. This Proposal excludes any Contingency for unforeseen conditions any cost arising from unforeseen conditions will be paid for thought a change order to the GMP or in future GMPS.
- l. Hard dig is excluded from this GMP. If hard dig is encountered, it will be covered using pervious approved project GMP conditions for payment.
- m. This GMP excludes any delays due to long lead item procurement impacts other than those identified in this proposal.
- n. Existing Utilities –This GMP excludes all costs associated with removing, replacing, bracing, and/or relocating any existing buried and/or overhead utilities not detailed on the plans (re: Attachment B) and specifically defined on Attachment C and related Attachments. Achen-Gardner does accept responsibility for protecting any existing utilities detailed on the project plans that are properly located (i.e., Bluestake) (re: Attachment C). If unknown utilities cause extensive delays out of Achen-Gardner’s control, funding to cover associated costs resulting from any of the above conditions will be compensated for under UCFD Contingency or Change Order should the condition arise.
- o. This GMP excludes any cost to paint the reservoir tank. If this work is needed to be done by Achen-Gardner funding to cover associated costs will be compensated for under UCFD Contingency or Change Order to the contract.
- p. This GMP excludes all drainage footings except for those called out on the plans for the knee walls. Knee wall is the wall on the west side of the tank shown on page 7 of 36 of the plans. This is the wall that connects to the 42” safety rail per MAG detail 145

5. Allowance Bid Items:

The following Allowance bid items were estimated based on current market pricing. The Allowance dollar amounts do not include overhead, profit, insurance, bonds, and sales tax. These markups will be applied and paid per Line Items #8100, 8200, 8300, 8400 and 8410 (respectively)

- a) *Flaggers Allowance (Bid Item #45) \$0.00*
 - i. This Allowance bid item is to be utilized for the cost associated with any Achen-Gardner employee, subcontractor flagman, or any temporary labor hired by Achen-Gardner that is used for Flagging. Based off the current TCPs that Achen Gardner plans to use, no flaggers will be needed. However, if it is decided that Achen Gardner needs to use flaggers, the associated costs will be compensated for under UCFD Contingency or Change Order to the contract.
- b) *Traffic Control (Bid Item #40) \$50,000.00*
 - i. Achen-Gardner will use the shoulder on the east side of the north bound lanes to create a construction site access pull off allowing approved traffic to enter the site without negatively impacting north bound traffic. Achen-Gardner will set up a closure of the high speed south bound travel lane directly across from the sites entrance/exit to be used as an entrance lane for construction vehicles into south bound traffic. Achen-Gardner will remove the south bound traffic control set up from end of work shift Friday to start of work shift Monday morning unless otherwise agreed to by Achen-Gardner and Town. Any additional Traffic control deemed necessary but not described in this GMP will be paid for by the Town as a change order to the project.
- c) *Tank Handrail (Bid Item #129) \$5,200.00*
 - i. This Allowance bid item is for the installation of the tank handrail as shown on the plans dated 4/27/22. Achen Gardner estimates that the handrail will cost \$80.00 per Linear foot and that there is approximately 65 linear feet of handrail that needs to be installed. This estimate is based off current market value of material. Any increases to material prices will be compensated for under UCFD Contingency or Change Order to the contract.



This Contractor shall furnish all underslab piping “pits” complete including necessary excavation, 6-inches of leveling base at the bottom of the pit, PVC waterstop if required, concrete to provide adequate encasement including site slopes of 1H:1V on three sides, and flexible dresser couplings directly off of the tank footing of the following pipe pits;

- 1) One (1) 12-inch Outlet line complete including silt stop and concrete encasement;
- 2) One (1) 10-inch Inlet line complete to a flanged connection 1-foot above the finished floor and including concrete encasement.
- 3) One (1) 6-inch Drain line complete, including concrete encasement.

J. Backfill and Restoration: Contractor shall furnish and install all required backfill. There shall not be any heavy equipment allowed next to the tank structure and all backfill within three (3) feet of the tank shall be hand-compacted. All backfill within 12-feet of the tank shall be performed utilizing lightweight equipment (15,6000 lbs maximum). Contractor shall perform any paving, site work, and landscaping around the tank upon completion of DN TANKS’ operations. This shall include furnishing and installing the concrete overflow catch basin.

K. Electrical and Instrumentation Work: The Contractor shall be responsible for all electrical and instrumentation work and will coordinate its electrical and instrumentation conduit and box fastening details, to the tank walls and roof, with DN TANKS. A maximum anchor depth of ¾-inch is allowable on the tank.

The Contractor shall be fully responsible for furnishing and installing all electrical and SCADA components on the tank, the required components are as stated below, but may not be limited to;

- Two (2) Pressure Transducers
- Two (2) Water Level Indicators

L. Shotcrete and Concrete Debris: The Contractor shall be responsible for removing approximately 35 cubic yards of concrete rubble from the on-site panel casting beds and shotcrete rebound. DN TANKS shall be responsible for cleanup and trash removal, to a location on site, resulting from our work.

III. GENERAL CONDITIONS:

A. Licenses and Permits: Contractor shall procure and pay for all building permits, licenses other than contractor’s and business, and inspections required by any local, county, state, and/or Federal authority for any part of the work under this Agreement and shall furnish any bonds or security of deposits required by such authority to permit performance of the work.

B. Safety and Security Fencing: Contractor shall furnish any safety fencing that may be required by DN TANKS, OSHA, and/or the Owner, around the excavated site. Contractor shall be responsible for site security, including security guards.

Attachement E

From: [Inderwiesche, Tyler](#)
To: [Erik Simms](#); [Jason Robinson](#)
Cc: [Abigail Goode](#); [Brian Froelich](#)
Subject: RE: Equipment for Tank Backfill, Covering and Grading
Date: Monday, May 16, 2022 11:02:33 AM
Attachments: [image001.png](#)

Erik,

See below:

1. Cat 414 Gannon (Acceptable-Maximum operating weight of 22,385 lb)
2. Cat 262 Skid steer (Acceptable-Maximum operating weight of 3,552 lb)
3. Walk behind roller (Please provide model and operating weight)
4. 3-5 ton steel drum roller (Acceptable-Maximum operating weight of 9,380 lb)
5. Cat 918 Loader (Acceptable-Maximum operating weight of 20,917 lb)
6. Cat 314 Backhoe (Acceptable-Maximum operating weight of 32,590 lb)

Please note that all roof field breaks must meet the specified 28-day strength before backfilling can commence.

Tyler Inderwiesche, PE

Project Manager

619.889.7753 | Cell Phone

351 Cypress Lane, El Cajon, CA 92020

www.dntanks.com



From: Erik Simms <ESimms@achen.com>

Sent: Friday, May 13, 2022 9:26 AM

To: Inderwiesche, Tyler <Tyler.Inderwiesche@dntanks.com>; Jason Robinson <JRobinson@achen.com>

Cc: Koebbe, Kyle <Kyle.Koebbe@dntanks.com>; Sudol, Sean <Sean.Sudol@dntanks.com>; Abigail Goode <AGoode@achen.com>; Brian Froelich <bfroelich@achen.com>

Subject: RE: Equipment for Tank Backfill, Covering and Grading

This message originated from outside DN Tanks

I will give you a list and let me know what is acceptable, that we I can utilize what you believe to be good and not assume

1. Cat 414 Gannon
2. Cat 262 Skid steer
3. Walk behind roller
4. 3-5 ton steel drum roller
5. Cat 918 Loader

6. Cat 314 Backhoe

From: Inderwiesche, Tyler <Tyler.Inderwiesche@dntanks.com>
Sent: Wednesday, May 11, 2022 11:47 AM
To: Jason Robinson <JRobinson@achen.com>
Cc: Koebbe, Kyle <Kyle.Koebbe@dntanks.com>; Sudol, Sean <Sean.Sudol@dntanks.com>; Abigail Goode <AGoode@achen.com>; Brian Froelich <bfroelich@achen.com>; Erik Simms <ESimms@achen.com>
Subject: RE: Equipment for Tank Backfill, Covering and Grading

Hi Jason,

If you look at sheet DCM-1 of DN Tank's drawings, we indicate the truck loading allowable on the tank:

- STRUCTURAL DESIGN LOADS:
ROOF LIVE LOAD: 20 PSF (NON-CONCURRENT WITH TRUCK LOAD)
TRUCK LOAD: H-20 (SU-9 WITH 20FT AXLE SPACING)
SOIL LOAD: 2FT OF SOIL + 10 PSF LANDSCAPING (ASSUMED)

If you can send me the exact equipment you intend to use, we can look at that specifically and confirm if it will be suitable or not.

Tyler Inderwiesche, PE

Project Manager

619.889.7753 | Cell Phone

351 Cypress Lane, El Cajon, CA 92020

www.dntanks.com

[Redacted]

From: Jason Robinson <JRobinson@achen.com>
Sent: Tuesday, May 10, 2022 3:48 PM
To: Inderwiesche, Tyler <Tyler.Inderwiesche@dntanks.com>
Cc: Koebbe, Kyle <Kyle.Koebbe@dntanks.com>; Sudol, Sean <Sean.Sudol@dntanks.com>; Abigail Goode <AGoode@achen.com>; Brian Froelich <bfroelich@achen.com>; Erik Simms <ESimms@achen.com>
Subject: Equipment for Tank Backfill, Covering and Grading

This message originated from outside DN Tanks

Tyler,

Can you provide us some details about the size/weight of equipment that can be used to bury the tank?

Attachement E

We have the attached information which discusses what to do within 3ft and 12ft, but what about material on top of the tank? Let me know if a call would be worth while and I'll make sure our estimator is available.

Please advise.

Thanks!

JASON ROBINSON, PMP, ENV SP, VMA

Director Water/Wastewater Plants

Office: 480.403.9466 | Cell: 602.359.4081 | Email: jrobinson@achen.com

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Attachement F

From: [Arjmand, Hooman](#)
To: [Abigail Goode](#)
Cc: [Bryan Mueller](#); [Brian Froelich](#); [Ken Kawamoto](#); [Jason Robinson](#); [Erik Simms](#); [Andy Mortensen](#); [Benjamin Plis](#)
Subject: RE: 3878106 - alternative Equipment for Backfill
Date: Tuesday, August 9, 2022 2:01:34 PM
Attachments: [image001.png](#)

All,

Thank you for providing the list of equipment. Please note that the recommendations below are only applicable for backfill against the tank wall and not over the roof.

Based on our review, we recommend the following:

- All backfill within 3'-0" of the tank wall shall be only hand compacted.
- While using any of the equipment listed below, it is critical to ensure that no contact is being made with the tank wall in any way. The tank wall is circumferentially prestressed with one inch of final shotcrete cover and any contact/impact against the tank wall will severely damage the tank.
- The 953 Cat Compactor is acceptable to be utilized outside of the 3'-0" zone against the tank wall.
- The 330 and 335 Cat Excavators are acceptable to be utilized given that the tracks are NOT within 18'-0" of the tank wall in any way. The excavators cannot be used to dig within 3'-0" of the tank wall.
- The Cat CP34 Roller is acceptable to be utilized outside of the 3'-0" zone against the tank wall.

If you have any questions or would like to discuss the items above further, please feel free to contact me.

Thank you,

Hooman Arjmand, PE*, P.Eng

Design Engineer

858.209.7707 Phone

351 Cypress Lane, EL Cajon, CA 92020

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From: Abigail Goode <AGoode@achen.com>

Sent: Thursday, August 4, 2022 3:15 PM

To: Arjmand, Hooman <Hooman.Arjmand@dntanks.com>

Cc: Bryan Mueller <BMueller@achen.com>; Brian Froelich <bfroelich@achen.com>; Ken Kawamoto

Attachement F

<kkawamoto@achen.com>; Jason Robinson <JRobinson@achen.com>; Erik Simms <ESimms@achen.com>; Andy Mortensen <amortensen@achen.com>; Benjamin Plis <BPlis@achen.com>

Subject: 3878106 - alternative Equipment for Backfill

This message originated from outside DN Tanks

Afternoon,

Per our meeting yesterday we have made a list of the equipment we would like to use. We would like to use the 953 Cat Compactor, 330 and 335 Cat Excavator, and the Cat CP34 Roller.

Would you please look at the links to the equipment below and let us know what ones we are able to use. Additional let us know if we would need to do anything like put down a crane pad in order to use them.

https://www.cat.com/en_US/products/new/equipment/compactors/vibratory-soil-compactors/106640.html

https://www.cat.com/en_US/products/new/equipment/excavators/medium-excavators/15969757.html

https://www.cat.com/en_US/products/new/equipment/excavators/medium-excavators/105280.html

Thank you ,

ABBY GOODE

Main: 480.940.1300 | Cell: 602.377.4593 | Email: agoode@achen.com

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Attachement F

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Attachement G

From: [Greg Crossman](#)
To: [Abigail Goode](#)
Cc: "[Tracy Grunden](#)"; [Brian Froelich](#); [Bryan Mueller](#); [Andy Mortensen](#); jeff.marnicio@burgessniple.com; [Inderwiesche, Tyler](#)
Subject: RE: 3878106 - GMP A3 Review
Date: Friday, July 15, 2022 3:17:45 PM
Attachments: [image001.jpg](#)
[RE Carefree Tank Ring Drain Discussion.msg](#)
[GMP a3 plans.pdf](#)
[Greg Crossman P E .vcf](#)

Hi Abby,

Based on the attached email from Ninyo and Moore, I have concluded that the ring drain shown on the plans attached to this email is not necessary and can be removed from the construction estimate. I believe the ring drain was also removed from subsequent versions of the drawings by the designer, Burgess and Niple.

You are also correct in your identification of features on Sheet 6 that would have supported the ring drain that can also be removed, i.e. 4" drain pipeline and manhole.

Please check with the designer and DN Tanks to make sure there are no other minor features that may need to be incorporated with the removal of the ring drain. I'm assuming backfill can be placed directly against the tank wall, but let's make sure there is not a need for a protective cloth barrier, or something like that, against the tank wall. Not sure if there could be anything else, but I'd rather pose that question than make an incorrect assumption.

Thanks!

Greg Crossman



From: Abigail Goode [mailto:AGoode@achen.com]
Sent: Friday, July 15, 2022 2:17 PM
To: Greg Crossman
Cc: Tracy Grunden; Brian Froelich; Bryan Mueller; Andy Mortensen
Subject: 3878106 - GMP A3 Review

Afternoon Greg,

Our goal is to have the Achen Gardner internal review completed by the end of the day Tuesday so that we can review our findings with the entire team after the meeting on Thursday.

Attachement G

We have been putting together all the information for GMP A3, however we have not received an official written response in regards to the Drainage rock issue. Will you or Tracy please give us an official written directive about what to do with the following items which are shown on page 7 of 29 in the DN Tank plans dated 11/17/21, and on sheet 6 of 36 in the Burgess and Niple plans given to us from CVL on 4/27/22 (I have attached the sheets to this email)

- Ring drain of 3-foot drainage rock around the tank
- 4 “Perforated sch 40 drain pipe that goes around the tank along with the associated drain and manhole.

Until we have the official written response to this we cannot finish out GMP review.

Please let me know if you have any questions.

ABBY GOODE

Main: 480.940.1300 | Cell: 602.377.4593 | Email: agoode@achen.com

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From: [Cassandra Alejandro](#)
To: [Abigail Goode](#); [Tracy Grunden](#); [Greg Crossman](#)
Cc: [Brian Froelich](#); [Ken Kawamoto](#); [Jason Robinson](#); [Erik Simms](#); [Mark Gierszewski](#); [Michael Gewecke](#); [Inderwiesche, Tyler](#); [Sudol,Sean](#); [Andy Mortensen](#); [Fred Renn](#)
Subject: RE: 3878106 - GMP A3 100% plan comments
Date: Wednesday, May 11, 2022 7:32:35 PM
Attachments: [Carefree Tank AG's Final Comments 5-11-22 - CVL Responses.docx](#)
[Pages from 05.10.22 LANDSCAPE PLANS.pdf](#)

Hello,

Responses to the tank plans are attached. In addition to the clarifications in the responses, we also have a revision to the site wall to add a stone band along the wall. See attached plan sheet for reference. I will include this revised sheet when I reissue the set with revisions per our written responses.

Thank you,

Cassandra Alejandro, P.E.

direct: 602.285.4763 • cell: 623.205.5742
CVL CONSULTANTS

From: Abigail Goode <AGoode@achen.com>
Sent: Tuesday, May 10, 2022 11:05 AM
To: Tracy Grunden <tgrunden@cvlci.com>; Cassandra Alejandro <calejandro@cvlci.com>; Greg Crossman <greg@carefreewaterco.com>
Cc: Brian Froelich <bfroelich@achen.com>; Ken Kawamoto <kkawamoto@achen.com>; Jason Robinson <JRobinson@achen.com>; Erik Simms <ESimms@achen.com>; Mark Gierszewski <mgierszewski@achen.com>; Michael Gewecke <mgewecke@achen.com>; Inderwiesche, Tyler <Tyler.Inderwiesche@dntanks.com>; Sudol,Sean <Sean.Sudol@dntanks.com>; Andy Mortensen <amortensen@achen.com>; Fred Renn <frenn@cvlci.com>
Subject: RE: 3878106 - GMP A3 100% plan comments

Moring,

We had a few more comments on the plans come in. I am currently revising out comments in to one file but didn't want to wait to get them to you.

ABBY GOODE

Main: 480.940.1300 | Cell: 602.377.4593 | Email: agoode@achen.com

ACHEN-GARDNER CONSTRUCTION

100% EMPLOYEE OWNED

550 South 79th Street | Chandler, AZ 85226

2425 West Wave Hill Court | Tucson, AZ 85705

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ATTACHMENT H

by replying to the sender of this E-Mail by return E-Mail or by telephone.

From: Tracy Grunden <tgrunden@cvlci.com>
Sent: Monday, May 9, 2022 3:51 PM
To: Abigail Goode <AGoode@achen.com>; Cassandra Alejandro <calejandro@cvlci.com>; Greg Crossman <greg@carefreewaterco.com>
Cc: Brian Froelich <bfroelich@achen.com>; Ken Kawamoto <kkawamoto@achen.com>; Jason Robinson <JRobinson@achen.com>; Erik Simms <ESimms@achen.com>; Mark Gierszewski <mgierszewski@achen.com>; Michael Gewecke <mgewecke@achen.com>; Inderwiesche, Tyler <Tyler.Inderwiesche@dntanks.com>; Sudol,Sean <Sean.Sudol@dntanks.com>; Andy Mortensen <amortensen@achen.com>; Fred Renn <frenn@cvlci.com>
Subject: RE: 3878106 - GMP A3 100% plan comments

We will have responses for you by the 11th.

Tracy Grunden, PE
CVL CONSULTANTS

.....
direct: 602.285.4957 cell: 480.404.2965

From: Abigail Goode <AGoode@achen.com>
Sent: Monday, May 9, 2022 3:38 PM
To: Cassandra Alejandro <calejandro@cvlci.com>; Tracy Grunden <tgrunden@cvlci.com>; Greg Crossman <greg@carefreewaterco.com>
Cc: Brian Froelich <bfroelich@achen.com>; Ken Kawamoto <kkawamoto@achen.com>; Jason Robinson <JRobinson@achen.com>; Erik Simms <ESimms@achen.com>; Mark Gierszewski <mgierszewski@achen.com>; Michael Gewecke <mgewecke@achen.com>; Inderwiesche, Tyler <Tyler.Inderwiesche@dntanks.com>; Sudol,Sean <Sean.Sudol@dntanks.com>; Andy Mortensen <amortensen@achen.com>; Fred Renn <frenn@cvlci.com>
Subject: 3878106 - GMP A3 100% plan comments

Please see the attached PDF with our initial comments to the 100% plans for the Reservoir tank. I know it is a short turn around but would you please have responses to our comments back to us on May 11th so that we can stay on track to turn in GMP A3 on June 3rd.

Please let me know if you have any questions.

ABBY GOODE

Main: 480.940.1300 | Cell: 602.377.4593 | Email: agoode@achen.com

ACHEN-GARDNER CONSTRUCTION

100% EMPLOYEE OWNED

550 South 79th Street | Chandler, AZ 85226

2425 West Wave Hill Court | Tucson, AZ 85705

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ATTACHMENT H

by replying to the sender of this E-Mail by return E-Mail or by telephone.

Town of Carefree Tom Darlington Water Storage Reservoir

Project No. 2021-W01

Achen-Gardner Construction Project No. 3878106

ATTACHMENT H

Disposition Codes:

- A. Will Comply
- B. Consultant to Evaluate
- C. Client to Evaluate
- D. No Further Action

Design Engineer – CVL Consultants

100% Carefree Water Storage Reservoir GMP# A3

Revision: 00

Reviewed By: Achen-Gardner Construction

Comment No.	Sheet Number	Spec/Dtl. Number	Rev. By	Review Comment	Response
1	2		AG	The symbol used for the fire hydrant is typically used for an FDC, can we get that changed to the normal Hydrant symbol	The current symbol used for fire hydrants is specified on the symbols sheet. Therefore, it will not be revised on the drawings. Plans will be revised to relocate proposed hydrant to inlet line where pressure will be adequate to utilize hydrant.
2	6		AG	The size of the DIP Tank inlet line is 12" on the plan sheet but on the detail sheet (Sht. 8) it calls out a 10" line. Please advise to which size pipe we are to use.	The tank inlet line shall be 12" per Sht. 6 of 15. The callout on Sht. 8 will be revised accordingly. This assumes that 12" is just as cost effective and has better availability than 10". Please advise if this is not the case.
3	6		AG	The size of the DIP Bypass line is 12" on the plan sheet but on the detail sheet (Sht. 8) it calls out a 10" line. Please advise to which size pipe we are to use.	The tank bypass line shall be 12" per Sht. 6 of 15. The callout on Sht. 8 will be revised accordingly.
4	6		AG	The catch Basins are called out to be 3' x 3' per MAG specification. Which MAG Specification for Catch Basins would you like to use?	All catch basins shall be per MAG 535.
5	6		AG	The new ARV is called out, but I can't find the detail of the ARV you would like us to use. Can you please provide?	A detail for the 1" ARV on the tank outlet line will be added to the drawings.

Town of Carefree Tom Darlington Water Storage Reservoir

Project No. 2021-W01

Achen-Gardner Construction Project No. 3878106

ATTACHMENT H

Disposition Codes:

- A. Will Comply
- B. Consultant to Evaluate
- C. Client to Evaluate
- D. No Further Action

Design Engineer – CVL Consultants

100% Carefree Water Storage Reservoir GMP# A3

Revision: 00

Reviewed By: Achen-Gardner Construction

Comment No.	Sheet Number	Spec/Dtl. Number	Rev. By	Review Comment	Response
6	6		AG	On the 12" Tank Outlet Line near Catch Basin #2 there is a symbol that's not on the legend or called out on the plans. Can you please advise as to what this is?	This symbol has been deleted from the plan sheet.
7	6		AG	On the south end of the Bypass line its calls out for a 10" valve, it should be a 12" valve, correct?	Correct, this shall be a 12" valve.
8	6		AG	IS there a spec for the Stabilized DG?	The material shall meet MAG Specification 795.8.4.
9	6		AG	Where does overflow catch basin #2 drain to?	The overflow CB #2 does not have an effluent line. The CB will be utilized as a "bubble-up" overflow in a tank overflow event. "Ponded" water in the CB will be pumped out if necessary after an overflow event.
10	6		AG	Is there a detail and specs for the posts and chains at each entry?	A detail for the entry posts and chains will be added to the plans. The posts shall be 6" steel bollards filled with concrete with a 1/4" Grade 30 heavy-duty chain and padlock.
11	6		AG	How tall are the Concrete Posts for Future Fencing? Top of Post Elev?	The concrete posts for future fencing shall be flush with the proposed ground surface.
12	6		AG	Assume 6" Steel Bollards for Post and Chain Entrance.	Correct. See response for Comment No. 10 above.

Town of Carefree Tom Darlington Water Storage Reservoir

Project No. 2021-W01

Achen-Gardner Construction Project No. 3878106

ATTACHMENT H**Disposition Codes:**

- A. Will Comply
- B. Consultant to Evaluate
- C. Client to Evaluate
- D. No Further Action

Design Engineer – CVL Consultants**100% Carefree Water Storage Reservoir GMP# A3****Revision: 00****Reviewed By: Achen-Gardner Construction**

Comment No.	Sheet Number	Spec/Dtl. Number	Rev. By	Review Comment	Response
13	6		AG	Provide detail for Retaining Wall and Reservoir Interface.	The retaining wall shall not be connected to the reservoir wall. Per Note 4 on DN Tanks drawing 1.00, Contractor shall provide a 1" thick (min.) expansion material between the reservoir wall and the retaining wall.
14	6		AG	Provide sizes for Tank Drain MH and Tank Ring Monitoring MH	The manholes shall be 4' diameter. This has been added to the drawings.
15	6		AG	Provide sizes for ARVs	All ARV's shall be 1".
16	6		AG	Assume MAG STANDARD Catch Basin Type "F" for Overflow Catch Basins.	Correct.
17	7		AG	An alternate detail for the Inlet Piping in the reservoir was discussed.	A revised detail for the inlet piping inside the reservoir will be added to the drawings. The revised detail shall be coordinated with DN Tanks for their concurrence.
18	7		AG	Is the Handrail painted? If so what color and finish.	The handrail reference to MAG Det. 145 shall be deleted. Handrail shall reference DN Tank Drawing 18.00. Color chart shall be provided for color selection.
19	11		AG	Is 1" HDPE pipe desired for buried Chlorine Piping? If another material is better, provide specification. Often seen CPVC.	The 1" HDPE pipe shall be revised to Sch. 80 CPVC. Drawings will be updated accordingly.

Town of Carefree Tom Darlington Water Storage Reservoir

Project No. 2021-W01

Achen-Gardner Construction Project No. 3878106

ATTACHMENT H

Disposition Codes:

- A. Will Comply
- B. Consultant to Evaluate
- C. Client to Evaluate
- D. No Further Action

Design Engineer – CVL Consultants

100% Carefree Water Storage Reservoir GMP# A3

Revision: 00

Reviewed By: Achen-Gardner Construction

Comment No.	Sheet Number	Spec/Dtl. Number	Rev. By	Review Comment	Response
20	11		AG	Is 1" HDPE chloring pipe directly buried? If not, provide direction.	The revised CPVC piping shall be direct bury.
21	11		AG	How does the chloring line tie-in to the Inlet and Outlet lines? Provide detail.	The chlorine lines shall connect to the inlet and outlet piping via double banded stainless steel or brass saddle tap (manufactured by Ford or Smith Blair) and a pack joint compression coupling corporation stop with coupling nut (manufactured by Ford). The connection on the outlet piping shall be installed in a 5' MH. A detail will be added to the drawings.
22	11		AG	Is PVC the desired material for above ground Chlorine Pipe? Often See CPVC.	The 1" HDPE pipe shall be revised to Sch. 80 CPVC. Drawings will be updated accordingly.
23	12		AG	In the plan view detail note 1 is called out to be a 1" ARV Assembly, but it also appears to be labeled on a Gate valve. I believe it's a gate valve called out in the section view. Each detail has its own notes, so they need to apply to the detail	The referenced symbol is a gate valve as called out above in the Section View. The note callouts will be revised accordingly.
24	13		AG	The detail says the backboard is not shown, but I also don't see what type or spec of material is to be required.	This detail shall be deleted. A canopy shall no longer be installed.

Town of Carefree Tom Darlington Water Storage Reservoir

Project No. 2021-W01

Achen-Gardner Construction Project No. 3878106

Disposition Codes:

- A. Will Comply
- B. Consultant to Evaluate
- C. Client to Evaluate
- D. No Further Action

ATTACHMENT H

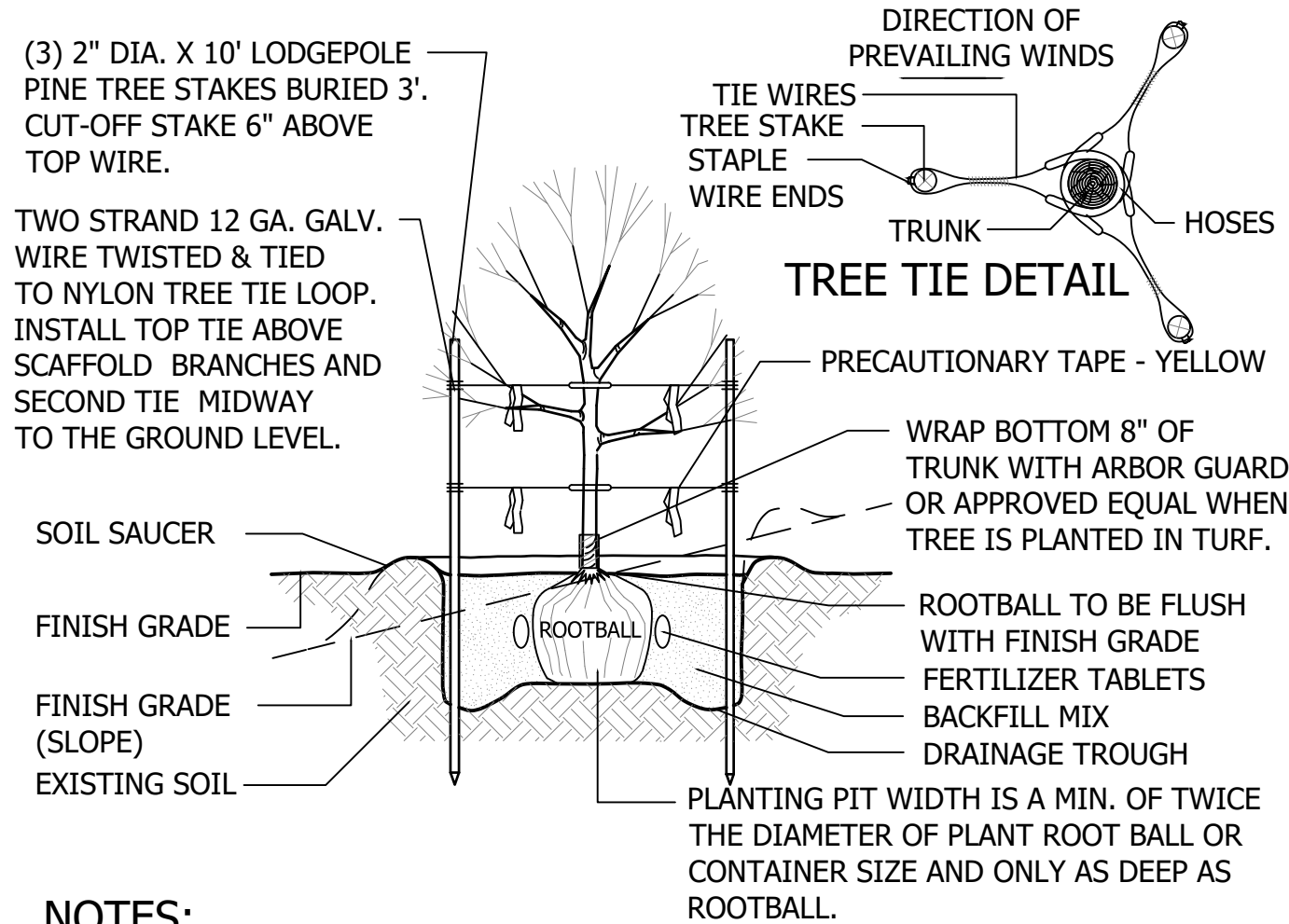
Design Engineer – CVL Consultants

100% Carefree Water Storage Reservoir GMP# A3

Revision: 00

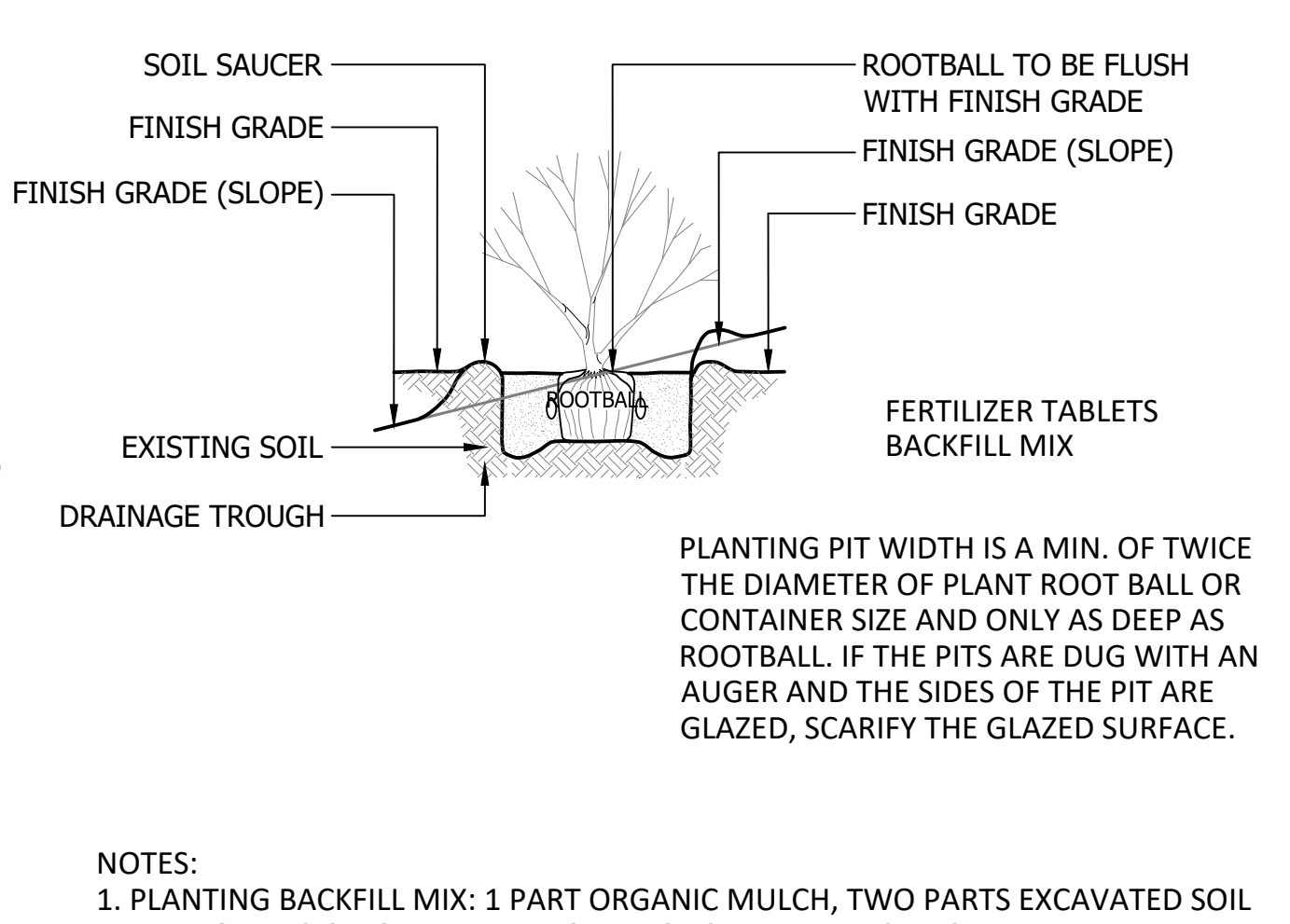
Reviewed By: Achen-Gardner Construction

Comment No.	Sheet Number	Spec/Dtl. Number	Rev. By	Review Comment	Response
25	14		AG	The grade up against the tank is nearly flat. The grade at the electrical slab is higher than the grade at the tank, is this going to cause water to sit at the tank behind the electrical panels?	Contractor shall grade site to promote positive drainage away from the tank/equipment. A note will be added to the plans.
26	14		AG	Do we need grades from the roadway to the CMU walls to ensure we aren't flooding out the equipment area?	Elevation callouts will be added to the plans. Contractor shall also grade the site to promote positive drainage away from the equipment area.
27	15		AG	What size of DG do you want? (i.e. 1/2" or 5/8")	The detail for DG shall be revised from a depth of 12" DG to 2" DG (Size = 5/8") over filter fabric. Detail will be revised accordingly.
28	S-3		AG	I don't see a detail as to how the CMU walls tie into the Tank. Please provide	Per Comment No. 13, the retaining wall shall not be connected to the reservoir wall. Per Note 4 on DN Tanks drawing 1.00, Contractor shall provide a 1" thick (min.) expansion material between the reservoir wall and the retaining wall.
29	13 & S-3		AG	These details for the Electrical Shade Canopy are in conflict.	Electric shade canopy details shall be deleted. They are no longer required. Plans to be revised to show electric panels mounted to the site walls and the RTU/PLC to the east side of the Chlorine Building.
30	E-004		AG	Sheet seems to indicate a different storm drain layout than the rest of the plans.	Disregard storm drain layout on this sheet as well as Discharge Flow Meter Vault and C105A



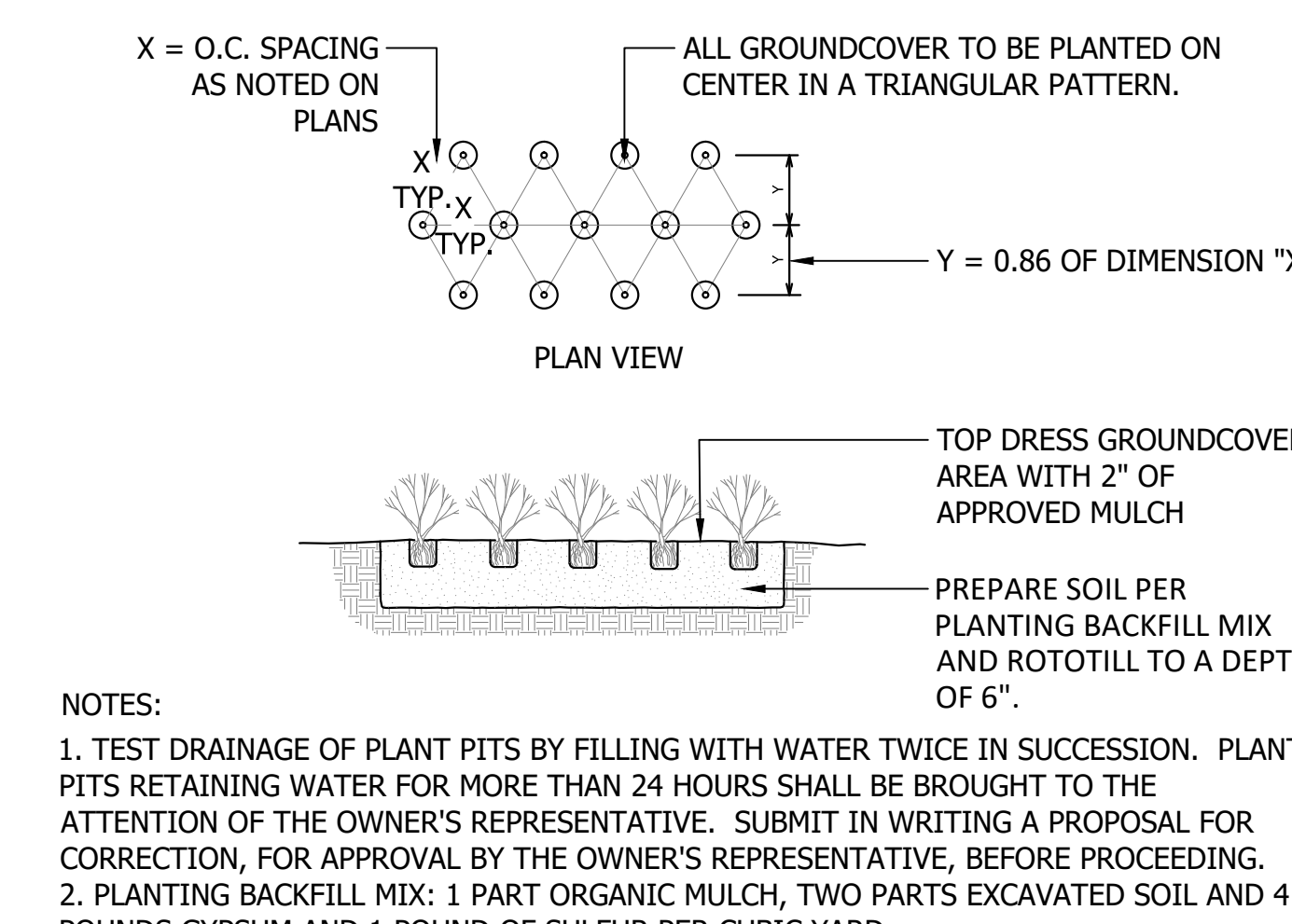
NOTES:
 1. PLANTING BACKFILL MIX: 1 PART ORGANIC MULCH, TWO PARTS EXCAVATED SOIL AND 4 POUNDS GYPSUM AND 1 POUND OF SULFUR PER CUBIC YARD.
 2. PLACE FERTILIZER TABLETS 6\"/>

1 TREE PLANTING AND STAKING
 NTS P-PW-CAR-02



NOTES:
 1. PLANTING BACKFILL MIX: 1 PART ORGANIC MULCH, TWO PARTS EXCAVATED SOIL AND 4 POUNDS GYPSUM AND 1 POUND OF SULFUR PER CUBIC YARD.
 2. PLACE FERTILIZER TABLETS APPROXIMATELY 6\"/>

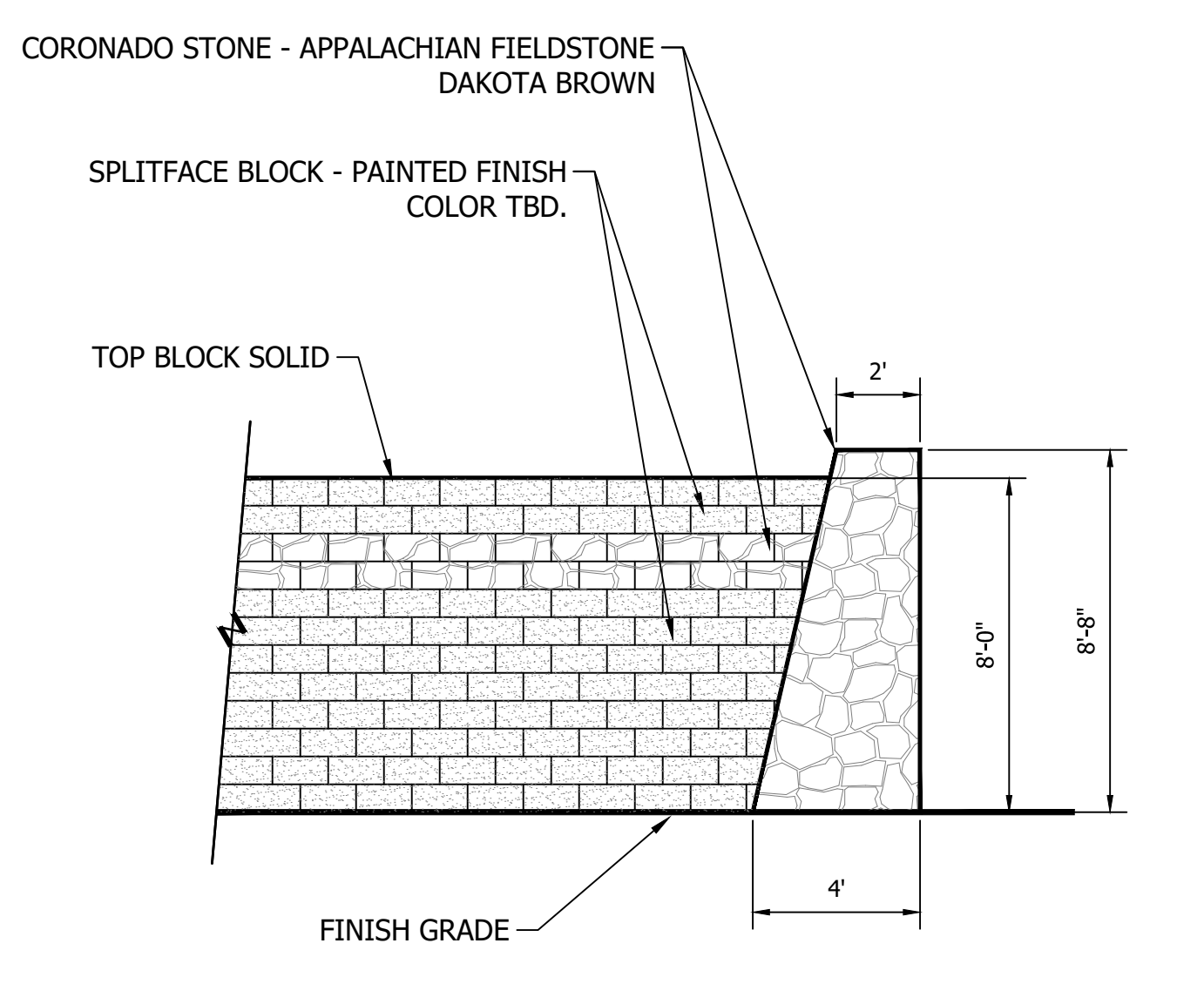
2 SHRUB PLANTING
 1/4\"/>



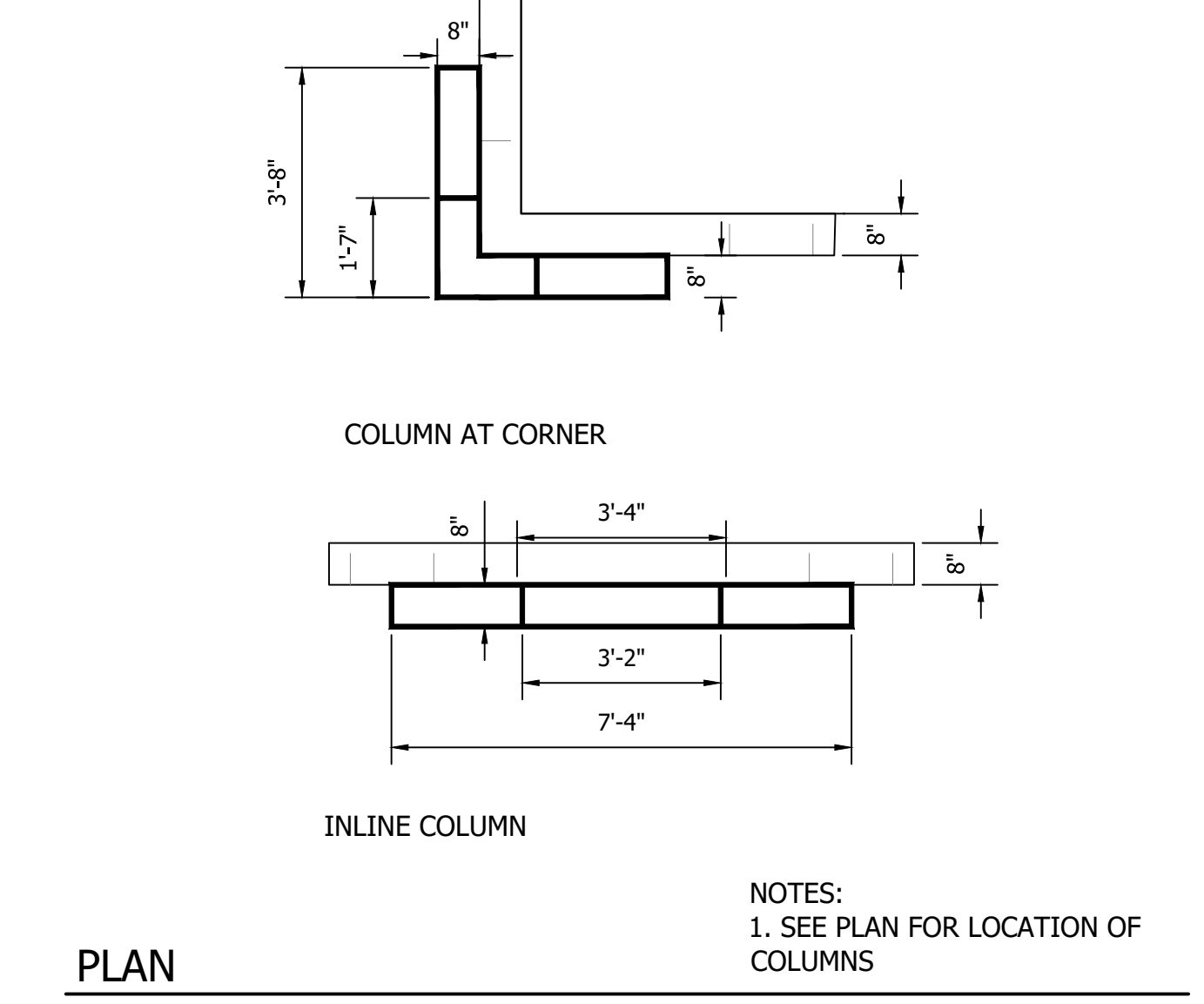
NOTES:
 1. TEST DRAINAGE OF PLANT PITS BY FILLING WITH WATER TWICE IN SUCCESSION. PLANT PITS RETAINING WATER FOR MORE THAN 24 HOURS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. SUBMIT IN WRITING A PROPOSAL FOR CORRECTION, FOR APPROVAL BY THE OWNER'S REPRESENTATIVE, BEFORE PROCEEDING.
 2. PLANTING BACKFILL MIX: 1 PART ORGANIC MULCH, TWO PARTS EXCAVATED SOIL AND 4 POUNDS GYPSUM AND 1 POUND OF SULFUR PER CUBIC YARD.
 3. WORK EACH LAYER OF MIX TO SETTLE BACKFILL AND ELIMINATE VOIDS AND AIR POCKETS. WATER THE PLANTING AREA THOROUGHLY; BEFORE PLACING REMAINDER OF BACKFILL TO FILL IN ANY SETTLEMENT. REPEAT WATERING AFTER PLACING FINAL LAYER OF BACKFILL MIX UNTIL SOIL IS COMPLETELY SATURATED.
 4. PLACE FERTILIZER PER SPECIFICATIONS.

3 GROUNDCOVER PLANTING
 NTS P-PW-CAR-01

4 NATIVE SEED MIX
 1\"/>



5 8' WALL ENCLOSURE DETAIL
 1/4\"/>



6 THEME COLUMN PLAN VIEW
 3/8\"/>

DESERT APPROPRIATE REVEGETATION

- CONWED FIBER @ 1,500 LBS PER ACRE, SLOW RELEASE FERTILIZER @ 200 LBS PER ACRE, AND BEST GRADE TACKIFIER @ 60 LBS PER ACRE.
- AMBROSIA DELTOIDEA / TRIANGLE BUR RAGWEED 4 PLS / LBS / ACRE
- ARISTIDA PURPUREA / PURPLE THREEAWN 1.0 PLS / LBS / ACRE
- ATRIPLEX CANESCENS / FOURWING SALTBUCH 1.0 PLS / LBS / ACRE
- ATRIPLEX POLYCARPA / CATTLE SALTBUCH 0.5 PLS / LBS / ACRE
- BAILEYA MULTIRADIATA / DESERT MARIGOLD 2.0 PLS / LBS / ACRE
- ESCHOLZIA MEXICANA / MEXICAN POPPY 2.0 PLS / LBS / ACRE
- GALLARDIA PULCHELLA / FIREWHEEL 1.0 PLS / LBS / ACRE
- LESQUERELLA GORDONI / YELLOW BLANKET 2.0 PLS / LBS / ACRE
- LUPINUS SPARSIFLORUS / COULTER'S LUPINE 2.0 PLA / LBS / ACRE
- PENSTEMON PSEUDOSPECTABILIS / DESERT BEARDTONGUE 0.5 PLS / LBS / ACRE
- PHACELIA CAMPANULARIA / CALIFORNIA DESERT BLUEBELLS 1.0 PLS / LBS / ACRE
- PLANTAGO INSULARIS / INDIAN WHEAT 5.0 PLS / LBS / ACRE
- SPHAERALCEA AMBIGUA / DESERT GLOBEMALLOW 1.0 PLS / LBS / ACRE
- VIGUIERA DELTOIDEA / GOLDENEYE 1.0 PLS / LBS / ACRE

CVL CONSULTANTS
 CELEBRATING 60 YEARS
 4550 N. 12th Street
 Phoenix, AZ, 85014
 phone 602.264.6831
 fax 602.264.0928
 web www.cvlci.com

CAREFREE WATER Co.
 7181 ED EVERETT WAY
 CAREFREE, AZ 85377
 480.488.9100
 CONTACT: GREG CROSSMAN

LANDSCAPE ARCHITECT
 EARL J. SWETLAND
 4550 N 12TH STREET
 PHOENIX, AZ 85014
 PHONE: 602.285.4786
 EMAIL: ESWETLAND@CVLCI.COM

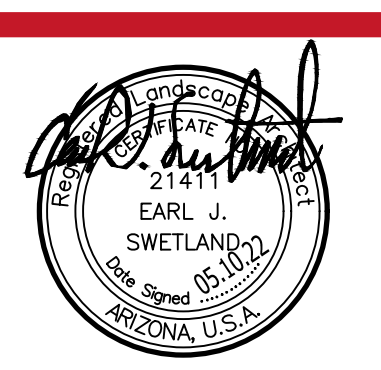
CAREFREE WATER SYSTEM IMPROVEMENTS
 35017 N. TOM DARLINGTON DRIVE
 CAREFREE, ARIZONA 85377
 CVL JOB #1.14.0318901

KEY MAP



REVISION HISTORY

SEAL & ISSUE



DESIGN: ES
 DRAWN: BM
 CHECK: ES

DISCIPLINE: LANDSCAPE ARCHITECTURE
 PLANTING DETAILS

EXHIBIT D
STATUTORY PERFORMANCE BOND
PURSUANT TO TITLE 34, CHAPTER 6,
OF THE ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract Amount)

KNOW ALL MEN BY THESE PRESENTS:

That, _____ (hereinafter called the Principal) as Principal, and _____, a corporation organized and existing under the laws of the State of _____ with its principal office in the City of _____, (hereinafter called the Surety), as Surety, are held and firmly bound unto the Town of Carefree, Arizona Utilities Community Facilities District, County of Maricopa, State of Arizona in the amount of _____ Dollars (\$ _____), for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Town of Carefree, AZ Utilities Community Facilities District, dated the 6th day of September, 2022, for Contract No. C2022-02, Guaranteed Maximum Price (GMP) A3 – Tom Darlington Water Storage Reservoir – Backfill, Utility Yard, and Landscaping which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein. This GMP contract represents a portion of the work under Project No. 2021-W01, Carefree Water Consolidation Project.

NOW THEREFORE, the condition of this obligation is such, that if the Principal faithfully performs and fulfills all of the undertakings, covenants, terms, conditions and Contracts of the contract during the original term of the contract and any extension of the contract, with or without notice to the surety, and during the life of any guaranty required under the contract, and also performs and fulfills all of the undertakings, covenants, terms, conditions and Contracts of all duly authorized modifications of the contract that may hereafter be made, notice of which modifications to the surety being hereby waived, the above obligation is void. Otherwise it remains in full force and effect.

PROVIDED HOWEVER, that this Bond is executed pursuant to the provisions of Title 34, Chapter 6, Arizona Revised Statutes, and all liabilities on this Bond shall be determined in accordance with the provisions of Title 34, Chapter 6, Arizona Revised Statutes, to the extent as if it were copied at length in this Contract. The prevailing party in a suit on this bond shall recover as part of the judgment reasonable attorney fees that may be fixed by a Judge of the Court. The performance under this bond is limited to the construction to be performed under the contract and does not include any design services, Preconstruction services, financial services, maintenance services, operations services or any other related services included in the contract.

WITNESS our hands the _____ day of _____, 2022.

PRINCIPAL

BY:

SURETY (SEAL)

AGENCY OF RECORD

AGENCY ADDRESS

EXHIBIT E
STATUTORY PAYMENT BOND

PURSUANT TO TITLE 34, CHAPTER 6,
OF THE ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract Amount)

KNOW ALL MEN BY THESE PRESENTS:

That, _____ (hereinafter called the Principal), as Principal, and _____ a corporation organized and existing under the laws of the State of _____, with its principal office in the City of _____ (hereinafter called the Surety), as Surety, are held and firmly bound unto the Town of Carefree, Arizona Utilities Community Facilities District, County of Maricopa, State of Arizona, in the amount of _____ Dollars (\$_____), for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Town of Carefree, Arizona Utilities Community Facilities District dated the 6th day of September, 2022, for Contract No. C2022-02, Project No.2021-W01, Carefree Water Consolidation Project - Tom Darlington Water Storage Reservoir – Backfill, Utility Yard, and Landscaping which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, the condition of this obligation is such that if the Principal promptly pays all monies due to all persons supplying labor or materials to the Principal or the Principal's subcontractors in the prosecution of the work provided for in the contract, this obligation is void. Otherwise it remains in full force and effect.

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Title 34, Chapter 6, of the Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions, conditions and limitations of Title 34, Chapter 6, Arizona Revised Statutes, to the same extent as if they were copied at length in this Contract.

The prevailing party in a suit on this bond shall recover as a part of the judgment reasonable attorney fees that may be fixed by a Judge of the Court.

WITNESS our hands the _____ day of _____, 2022.

PRINCIPAL

BY:

SURETY (SEAL)

AGENCY OF RECORD

AGENCY ADDRESS

AFFIDAVIT REGARDING SETTLEMENT OF CLAIMS

CONTRACT NUMBER: C2022-02

PROJECT NUMBER: 2021-W01

PROJECT NAME: Carefree Water Consolidation Project – GMP A3 – Tom Darlington Water Storage Reservoir – Backfill, Utility Yard, and Landscaping

To: The Town of Carefree, Arizona Utilities Community Facilities District

This is to certify that all lawful claims for materials, rental of equipment and labor used in connection with the construction of the above project, whether by subcontractor or claimant in person, have been duly discharged.

The undersigned, for the total consideration of \$_____, including the final pay estimate of \$_____, as full and complete payment under the terms of the contract, hereby waives and relinquishes any and all further claims or right of lien under, in connection with, or as a result of the above described project. The undersigned further agrees to defend, indemnify and hold harmless the Town of Carefree, Arizona Utilities Community Facilities District (District) against any and all liens, claims of liens, suits, action, damages, charges and expenses whatsoever, which said District may suffer arising out of the failure of the undersigned to pay for all labor performances and materials furnished for the performance of said project construction items or services.

Signed and dated this _____ day of _____ 2022.

CONTRACTOR

BY:

STATE OF ARIZONA)
) ss
COUNTY OF MARICOPA)

The foregoing instrument was subscribed and sworn to before me this ___ day of _____, 2022.

NOTARY PUBLIC

My Commission Expires

**CONTRACTOR’S NOTICE OF
FINAL PAY ESTIMATE**

CONTRACT NUMBER: C2022-02

PROJECT NUMBER: 2021-W01

PROJECT NAME: Carefree Water Consolidation Project – GMP A3 – Tom Darlington Water Storage Reservoir – Backfill, Utility Yard, and Landscaping

To: The Town of Carefree, Arizona Utilities Community Facilities District

This notice confirms acceptance by Contractor of final contract payment in the amount of \$_____ which represents the balance due for subject project. This amount includes payment for all retentions held and adjusted final quantities.

TOTAL CONTRACT AMOUNT, including final pay estimate: \$_____.

Signed and dated this _____ day of _____ 2022.

BY: _____

Title: _____

For: _____

STATE OF ARIZONA)
) ss
COUNTY OF MARICOPA)

The foregoing instrument was subscribed and sworn to before me this _____ day of _____, 2022.

NOTARY PUBLIC

My Commission Expires

**CONTRACTOR'S NOTICE OF
FINAL ACCEPTANCE**

PROJECT NAME: Carefree Water Consolidation Project

PROJECT NUMBER: 2021-W01 – GMP A3 – Tom Darlington Water Storage Reservoir –
Backfill, Utility Yard, and Landscaping

CONTRACTOR NAME: Achen-Gardner Construction LLC

FINAL CONTRACT AMOUNT:

Construction on the above project was completed on _____ and on
_____ a final inspection was made of the subject improvements by this office.
The work substantially conforms to the approved plans and specifications. We, therefore,
accept those portions within the public right-of-way into our system for maintenance.

Approved By:

Contract Administrator

Construction Admin Supervisor

cc: District Clerk
District Treasurer