SANTA CLARA VALLEY WATER DISTRICT

AMENDMENT ONE TO AGREEMENT DATED MAY 26, 2015 CONTRACT NO. C0601 BY AND BETWEEN SANTA CLARA VALLEY WATER DISTRICT AND BALFOUR BEATTY INFRASTRUCTURE, INC. RINCONADA WATER TREATMENT PLANT RELIABILITY IMPROVEMENT PROJECT

The following is an amendment (Amendment One) to the Agreement (Contract No. C0601) dated May 26, 2015 entered into and effective as of March 10, 2020 (Effective Date) by and between the Santa Clara Valley Water District, hereinafter referred to as "District" and Balfour Beatty Infrastructure, Inc. hereinafter referred to as "Contractor," collectively, the "Parties."

District and Contractor have agreed, by this Amendment One, to amend the Contract Documents as follows:

RECITALS

- A. On May 26, 2015, after due advertisement and taking of competitive bids from prequalified contractors, the District awarded the prime contract for construction (Contract) of the Rinconada Water Treatment Plant (RWTP) Reliability Improvement Project (Project) to Balfour Beatty Infrastructure, Inc. (Contractor), an engineering, electrical and general contractor, licensed by the state of California, License No. 664318, located in Fairfield, California. Contractor's successful low bid, and the original Contract Price, was \$179,850,000.
- B. The Contract, as awarded, in its Special Provisions, Section 11, Article 11.04, *Time Allowance for Completion of Work*, allowed Contractor 1,827 days to complete the Project, sequentially, in 6 phases (Phases). Contractor timely completed Milestone 1 (Phase 1) and on September 25, 2015, Contractor timely commenced the Work of Milestone 2 (Phase 2). Although the Contract required Contractor complete Milestone 2 (Phase 2) in 519 days, Phase 2 is not yet completed. In 2017, 2018, and 2019, portions of Phases 3, 4, and 5 were performed out of sequence, with consent from District.
- C. During the submittal process for setting the Schedule of Values for the Work, District and Contractor disputed the allocation of the Contract Price among the six Phases. As a result of this dispute, \$21,000,000 from Phase 2 was reallocated to later Project Phases. This amount is hereafter referred to as the "Disputed Reallocation Amount."
- D. The District and Contractor have had, and still have, disputes over the Contract and the Project, reflected generally, but not exclusively, in Contract-specified change and administrative documentation, and Contract-approved project management software communications, including, but not limited to, the following: Change Orders (CO); Directive Change Orders (DCO, unilateral change orders); Potential Change Orders (PCO); Contract Document Clarifications (CDC); Requests for Information (RFI); Time Impact Analysis (TIA); Job Memos (JM); and Notices of Non-Compliance for correction of defective work (NCN). The Project's Dispute Review Board (DRB) has heard and considered various disputes during Project construction.

- E. As of the Effective Date, the Adjusted Contract Price is \$187,824,261, and the Adjusted Contract Time is 1932 days. Commencing with Progress Payment No. 40 through September 30, 2018, the District assessed liquidated damages against Contractor's earned payment amounts. Liquidated damages assessed through July 31, 2019 are \$18,993,000, with actual withholding through July 31, 2019 in the amount of \$7,206,087.60. Contractor disputed such assessment and withholding.
- F. Commencing May 12, 2019, executives from the District and Contractor commenced in-person Executive Partnering meetings and negotiations, subject to settlement confidentiality privileges afforded by law and by written agreement, with each Party participating subject to their full reservation of rights and defenses regarding unresolved disputes on the Project. Although District and Contractor dispute the merit and responsibility for the various claims and disputes, the Parties executed a letter agreement, titled *Tentative Global Settlement Agreement*, on October 25, 2019.

NOW, THEREFORE, pursuant to, and consistent with, the Contract, including without limitation, Standard Provisions, "Section 5. Scope of Work," Article 5.03 "Change in Work," and Public Contract Code § 7105(d)(2), and in consideration of the mutual covenants and promises in this Amendment One, the sufficiency of which is hereby acknowledged, the District and Contractor agree:

ARTICLE 1. CHANGES IN THE WORK OF THE CONTRACT

- A. Deleted Work: Delete from Contract any remaining Work of Phase 3, Phase 4, and Phase 5, as specified in the Contract's Technical Specifications, Section 01140, *Work Restrictions*, at:
 - 1. Phase 3 Construction Requirements (Article 1.15); and
 - 2. *Phase 4 Construction Requirements* (Article 1.16); and
 - 3. *Phase 5 Construction Requirements* (Article 1.17).
- **B. Retained Work**: Retain in Contract all Work not deleted, and all Added Work (below), hereafter, "Retained Work" as specified in the Contract's Technical Specifications, Section 01140, *Work Restrictions.* Retained Work includes without limitation:
 - 1. Phase 1 Extended Mobilization (Article 1.04(B)(1)); and
 - 2. *Phase 2 Construction Requirements* (Article 1.14); and
 - 3. Phase 2 Ozone Contactors and Flocculation/Sedimentation Basin (Article 1.04(B)(2)); and
 - 4. *Milestone 6, Project Completion* (Special Provision Article 11.04 (C)(6)); and
 - 5. "*Site Restoration*" which shall be defined as the "as-is" condition of the Project Site as documented and shown in the plan view and photos in Attachment 1 Final Site Restoration Plan dated March 5, 2020, incorporated herein by this reference; and

- 6. *Phase 3, 4, and 5 Work* commenced and/or completed as of the Effective Date of this Amendment One.
- **C. Retained/Added Work**: Maintenance until the filing of the Notice of Completion and Acceptance of the Work on all equipment and systems furnished and installed by Contractor under the Contract, whether installed or placed in use by District prior to or after the Effective Date of this Amendment One.
 - 1. Contractor shall provide all maintenance however denominated (preventative, routine, normal) including replacement of any defective parts through the filing of the Notice of Completion and Acceptance of Work as set forth below:
 - a) All manufacturer-recommended maintenance, servicing and lubrication at the intervals and schedules set forth in the manufacturer's Operating and Maintenance Data provided by Contractor under Specification Section 01782, (*Operating and Maintenance Data*), including §1.06 (*Equipment, Products, and Systems Required to Furnish Operation and Maintenance Manuals*) which includes Table 01782-1 and any operation and maintenance manuals where so required in the Technical Specifications.
 - b) All preventative maintenance points properly covered in training under Section 01758 (Training Requirements) as applicable to Contractor's furnished and installed equipment.
 - c) Contractor's Maintenance obligations under this Amendment One shall not alter or otherwise impact Contractor's Contract obligations under the Contract including any Contract warranties or guaranty or the Service Contract for Standby Generators referred to in Section 16230 (Standby Generators), §1.10(B)(required 3-year contract).
- D. Added Work: All known Work described and set forth in all DCOs, PCOs, CDCs, and JMs existing as of the Effective Date of this Amendment One filed in EA Docs, to the extent District at its sole and reasonable discretion, and except as allowed for in Article 3 Adjustments in the Contract Price, paragraph A.5., determines that such DCOs, PCOs, CDCs and JMs expressly provide for Added Work. At District's direction, Contractor shall promptly prosecute such Work in full accordance with the Contract, to completion.
- E. Standard for Completed Work: All Work including the Retained Work and Added Work described in this Amendment One shall be performed in accordance with the then-existing Contract, Plans, Drawings, and Specifications. The Project as described in this Amendment One will be completed, inspected, tested, and be in full compliance with the requirements of the Contract.

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ARTICLE 2. CONTRACT TIME

- A. Single Scope of Work: Retained Work including Contract requirements for startup, commissioning, and testing shall achieve Project Completion and Project Acceptance, as a single scope of work with due consideration of Deleted Work including necessary follow-on Work by this Amendment One.
- **B.** Deletion of Milestones 3, 4, and 5: Special Provisions, Section 11.04, *Time Allowance for Completion of Work.* Delete Special Provisions, Sections 11.04 C. 3. "Milestone 3, completion of Phase 3 work," C.4 "Milestone 4, completion of Phase 4 work," and C.5 "Milestone 5, completion of Phase 5 work";
- C. Retention of Milestones 1, 2, and 6: Special Provisions, Section 11.04, *Time Allowance for Completion of Work.* Retain Special Provisions, Sections 11.04 Paragraphs C. 1. "Milestone 1, completion of Phase 1 work," C.2. "Milestone 2, completion of Phase 2 work," and C.6. "Milestone 6, Project Completion."
- D. New Milestone Completion Dates: Delete Special Provisions Section 11.04, *Time Allowance for Completion of Work*, Paragraph D, *Milestone Completion*, and replace with:

"D. Milestone Completion Dates for Retained Work:

For Retained Work, Contractor shall achieve Project Completion and Acceptance as set forth in Special Provisions, Section 21, *Contract Closeout* by October 10, 2020 meeting the following Milestones:

- 1. **Milestone RW 1: June 12, 2020**: Completion of the following Contract requirements as applicable to the Retained Work:
 - Testing and Startup (Special Provisions Article 21.04; Technical Provisions Section 01756) including Successful completion of 30 (calendar) day acceptance test for Phase 2 (Technical Provisions Section 01756, Article 1.04 B.7.)
 - (b) Operating and Maintenance Data (Technical Provisions Section 01782)
 - (c) Training Requirements (Special Provisions Article 21.03; Technical Provisions Section 01758)
- 2. **Milestone RW 2: July 12, 2020**: Submission of As-Built Record Drawings and Specifications (Special Provisions Article 21.05.01).
- 3. **Milestone RW 3: September 10, 2020**: Completion of "Site Restoration" Work as set forth in Attachment 1 Final Site Restoration Plan dated March 5, 2020 and Milestone 6 Project Completion Special Provisions Article 11.04 C. 6. to the extent such Milestone 6 Project Completion is applicable to Work performed by Contractor pursuant to this Amendment One.
- 4. **Milestone RW 4: October 10, 2020**: To the extent applicable to the Retained Work, Project Completion and Final Inspection (Special Provisions

Article 21.01.05); Submission of Guaranty and Guaranty Bond (Special Provisions Article 21.02); Final Cleaning (Special Provisions Article 21.06); Submission of remaining Closeout Items (Special Provisions Article 21.05), including without limitation, Closeout Documents (Special Provision Article 21.05.02)."

- E. Delete Special Provisions, Section 11.05.A. *Excusable Inclement Weather Delays,* however, notwithstanding the foregoing, nothing herein shall affect Contractor's rights under the Contract including Standard Provisions Article 5.05.01.B. 5. for occurrences of a "severe and unusual nature" including "acts of God."
- **F.** New schedule dated is included as Attachment 2 Project Completion Schedule dated February 4, 2020, incorporated herein by this reference, and is subject to the terms of this Amendment One.

ARTICLE 3. ADJUSTMENTS IN THE CONTRACT PRICE

A. Adjustments in the Contract Price:

- 1. Reversal of Disputed Reallocation Amount. The District shall, and hereby does, reverse its prior determination regarding the Disputed Reallocation Amount, which shall, effective upon execution of this Amendment One, revert back to Phase 2. District has already processed four disbursements, accomplishing the full reversion amount, as follows:
 - a) \$7,000,000 payable to Contractor on October 1, 2019
 - b) \$5,000,000 payable to Contractor and Neal Electric Corporation on October 1, 2019
 - c) \$3,000,000 payable to Contractor on November 21, 2019 (*Item 1 in Table below)
 - d) \$6,000,000 payable to Contractor on January 2, 2020 (**Items 2 & 3 in Table below)
- 2. District shall pay the remaining amount for completion of Phase 2 Work per the current Payment Application process as stated in the Contract.
- 3. District hereby recognizes the lump sum additive amount of \$27,610,900 as detailed in the Completion Payment Schedule table below for a total final Contract amount of \$147,926,900.
- 4. Progress payments to be made upon completion of each milestone as described, rather than on a monthly basis. Payments shall be made within 30 days of receipt of proper pay application from Contractor.
- 5. Subject to the requirements of Article 6 Contractor's Project Knowledge and Limitation on Change Orders, as stated hereinbelow, DCOs, PCOs, CDCs, and JMs (on file in EA Docs) issued after October 22, 2019 which are unpaid, are in addition to the total final Contract amount of \$147,926,900 and will be paid as

provided in Contract Standard Provisions "Change in Work" 5.03 and "Change in Contract Price" 5.04 and Special Provisions 11.11.03.

6. Unpaid equipment and materials purchased on approved shop drawings or submittals and inspected and approved by the District that cannot be restocked without substantial expense, or were specifically fabricated for Phases 3, 4, or 5 of the Project, at the reasonable discretion of the District, are in addition to the total final Contract amount and will be paid, only if procured during one or both of the timeframes stated in a) or b) below.

The maximum amount District may agree to pay Contractor for such items shall not exceed \$5,000,000. Only invoice prices will be paid; no Contractor mark-up will be paid by District. Equipment and materials ordered after March 10, 2020 will not be paid for by District.

- a) Unpaid equipment and materials ordered and procured prior to October 22, 2019 will be paid for by the District.
- b) Unpaid equipment and materials ordered and procured between October 23, 2019 and March 10, 2020 will be paid for if equipment and materials are accepted by the District, at District's reasonable discretion.

		Activity	Amount	Notes
1	*Signing of Tentative Global Settlement Agreement letter	Payment Complete	\$3,000,000	Reference per Article 3.A.1.c.
2	**PLC panel installed	Payment Complete	\$3,000,000	Reference per Article 3.A.1.d.
3	**Floc/Sed Hydro test	Payment Complete	\$3,000,000	Reference per Article 3.A.1.d.
4	Signing of Amendment One		\$3,093,900	
5	PLC 700/710 submittal	PH2-22-6260	\$3,000,000	
6	Floc/Sed circulation of plant water	PH2-06-4155	\$3,000,000	
7	Floc/Sed Run mixers	PH2-06-7030	\$3,000,000	
8	March shutdown	CDC-217-0070	\$3,000,000	
9	Start of 30-day Acceptance Test	PH2-06-7120	\$3,000,000	
10	End of 30-day Acceptance Test	PH2-06-7120	\$3,000,000	
11	Completion of Phase 2	MILESTONE-02.2	\$3,517,000	
12	Completion of Phase 6	MILESTONE 3	\$3,000,000	
	Total Items 4 through 12		\$27,610,900	

COMPLETION PAYMENT SCHEDULE

B. Full and Complete Compensation: Subject to Article 3 Adjustments in the Contract Price, adjustments to the Contract Price stated in Article 3 paragraph A. 3. of this Amendment One, shall be considered a single lump sum amount and shall constitute full compensation to complete the Retained Work and for all Contractor promises, releases, covenants, indemnities and all other obligations, pursuant to this Amendment One.

ARTICLE 4. CONTRACTOR'S RELEASE OF CLAIMS

- A. **Contractor's Release**: As part of the consideration for this Amendment One, Contractor provides District with this following release ("Contractor's Release") of claims, on behalf of itself, its agents, assigns, subcontractors, suppliers, insurers, sureties and any other party claiming or potentially claiming through Contractor.
 - 1. Contractor's Release: Contractor waives, forgives and releases District, its employees, officers, agents, construction managers, architects, engineers, design consultants of all types, inspectors, other District contracting entities regarding the Project, and their subcontractors, and/or subconsultants of any tier, and any and all other persons or entities working for the District regarding the planning, design and/or construction of the Project at any time, from any and all claims arising from the Project, the Work, asserted errors or omissions in the Drawings, Specifications, or other Contract Documents, planning documents, information documents, COs, PCOs, CDCs and JMs, arising at any time including during planning, bidding, contract award, and/or performance of the Work, known or knowable by Contractor or by its engineering subconsultants or by Contractor's subcontractors, suppliers or subconsultants of any tier, as of the date of execution of this Amendment One.
 - 2. Contractor's Release extends to any and all claims, requests, liens, liabilities, obligations or demands for extra compensation, markups, schedule relief or other relief of any sort, whether known or unknown, which have arisen or may hereafter arise, in connection with the Project, whether inchoate or actual, documented or undocumented, and includes without limitation, existing or potential letters, Requests for Information, time extension requests, Time Impact Analyses, extra compensation requests, JMs, Disputes, Protests, Notices of Potential Claim, or Claims, existing, or potentially existing, as of the date of execution of this Amendment One.
 - 3. Contractor's Release includes, by way of example only, claims and requests for compensation for schedule relief or other relief of any sort, inefficiency, interferences, impacts, cumulative impacts, home office overhead, field office overhead, storage, materials or labor or resource escalation, whenever such work was performed.
 - 4. Claims released by Contractor's Release, provided above, shall be referred to hereafter as "Contractor Released Claims."
 - 5. Contractor will obtain and provide to District original versions of approved consent to this Amendment One by all sureties providing performance and payments bonds for the Project. District's receipt and approval of such written documentation is a condition precedent to District's obligation to disburse any payments to Contractor pursuant to this Amendment One.

B. California Civil Code Section 1542 Waiver: Contractor hereby certifies that it has read and hereby waive its rights pursuant to Section 1542 of the California Civil Code, which states:

"A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS THAT THE CREDITOR OR RELEASING PARTY DOES NOT KNOW OR SUSPECT TO EXIST IN HIS OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE AND THAT, IF KNOWN BY HIM OR HER, WOULD HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH THE DEBTOR OR RELEASED PARTY."

C. Contractor's Indemnification of District from Claims by Subcontractors, Suppliers, Vendors. Contractor covenants and warrants, that it will defend, indemnify, and save harmless District from and against any and all claims from subcontractors or suppliers of Contractor, or anyone claiming through Contractor, arising out of the Project that in any manner relate to the Contractor Released Claims. In the event that the District seeks, now or in the future, reimbursement from any entity for costs related to this Amendment One, the District agrees to execute necessary, reasonable affidavits and otherwise cooperate with respect to a Civil Code Section 877.6 Determination of Good Faith regarding this settlement sought by Contractor in any resulting civil action. Such determination is not a condition of this settlement. This provision is in addition to Article 6.16 Indemnification of the Contract Documents.

ARTICLE 5. LIQUIDATED DAMAGES AND RETENTION

- A. Settlement and Adjustment. As additional and incentive consideration exchanged by the Parties for execution of this Amendment One and for the promises, covenants and releases stated throughout this Amendment One, the Parties have agreed on settlement and adjustment of assessed and retained liquidated damage amounts, and administration of retention, as set forth below.
- **B.** Existing, Accrued Liquidated Damages Held by District. District will retain as "first recourse" performance security Liquidated Damage amounts held by District, to be released as stated below, or otherwise retained by District as first recourse performance security.
 - 1. District will continue to assess and withhold Liquidated Damages in accordance with the original Contract Documents until execution of this Amendment One.
 - 2. District shall stop assessment of Liquidated Damages upon execution of this Amendment One. Upon execution of Amendment One, Liquidated Damages amounts shall be as follows:

Assessment amount: \$18,993,000

Withheld amount: \$7,206,100

3. Upon completion of the March Shutdown, Schedule item CDC-217-0070, no later than March 25, 2020 or to such date as may be extended by a Non-Preventable Change, District shall release \$3,603,050 of withheld Liquidated Damages.

- 4. Should the completion of the March Shutdown extend beyond March 25, 2020 not due to a Non-Preventable Change, District shall release \$1,801,525 of withheld Liquidated Damages upon completion of the March Shutdown.
- 5. District shall release any and all remaining withheld Liquidated Damages upon completion of Phase 6.
- **C. Amendment One Delay Assessments Impacting Contract Amount**. On the Effective Date, Article 11.07, Paragraphs (A)(2) through and including (A)(6), constituting the Liquidated Damage for Milestones 1, 2, 3, 4, and 5, shall be, for the Remaining Work, deemed deleted. In their place, the following provisions shall apply:

In the event Contractor does not meet the applicable Milestone dates, the increased Contract amount will be decreased in Contractor's settlement amount, as follows:

- 1. For Failure to Complete Milestone RW #1:
 - a) \$3,000,000 for failure to complete Milestone RW #1 within 60 days of June 12, 2020.
 - b) An additional \$3,000,000 for failure to complete Milestone RW #1 within 91 days of June 12, 2020.
 - c) An additional \$3,000,000 for failure to complete Milestone RW #1 within 122 days of June 12, 2020.
 - \$16,000 per day for each day Contractor has failed to complete Milestone RW #1 starting on the 123rd day after of June 12, 2020 with a cap at 30 days.
- 2. For Failure to Complete Milestone RW #3:
 - a) \$1,000 per day for each day Contractor has failed to complete Milestone RW #3 within 90 days of completion of Milestone RW #1 with a cap at 30 days.
- **D.** Accrued Liquidated Damages Extinguished. Upon completion of RW #3 and payment of Amendment One Delay Assessments, remaining liquidated damages accrued as of the Effective Date, shall be extinguished.

E. Release of Retention

- 1. District will continue to withhold 10percent retention in accordance with the original Contract Documents, Article 20.05.01.H. Contract Retention.
- 2. Upon full execution of Amendment One, retention shall be reduced to 7.5 percent, from the current specified amount of 10 percent. Partial release of retention withheld to date, to 7.5 percent, shall be made on the first progress payment after execution of Amendment One.

- 3. Upon successful completion of the March Shutdown. Schedule item CDC-217-0070, retention shall be reduced to 5 percent. Partial release of retention withheld to date, to 5 percent, shall be made on the first progress payment after successful completion of the March Shutdown.
- 4. Thereafter, District will withhold 5 percent retention, which shall not be due or payable until 35 days after completion of the Work and the filing of Notice of Completion and Acceptance in the manner provided by law, subject to withholds as required by law, and in accordance with Article 8.04. Final Payment.

ARTICLE 6. CONTRACTOR'S PROJECT KNOWLEDGE AND LIMITATION ON CHANGE ORDERS

- Α. **Contractor's Project Knowledge:** Contractor represents it has the quality, fitness, capacity, and experience to satisfactorily complete the Retained Work and Contractor shall furnish all labor, methods or processes, implements, tools, machinery, construction equipment, materials of any kind, and manufactured equipment, which are required to construct in a good and worker-like manner all the Work herein specified. In addition, Contractor having been on site and performing work since September 2015 is fully aware of the conditions and difficulties encountered, of the character, quality, and quantities of the work performed and materials furnished, and of the requirements of the Proposal, Drawings, Specifications, and other Contract Documents and is charged with all Project knowledge known or reasonably knowable by a contractor gualified to bid the Project and having been on site and performing work on the Project since September 2015, including without limitation, all applicable Codes, all applicable construction standards required by the Contract Documents, and necessary construction means and methods.
- Β. No Time or Compensation for Preventable Changes: In completing the Retained Work, Contractor shall have no entitlement to additional time or compensation for "preventable" changes and extra costs, defined as: changes, costs and/or time delay resulting from conditions, events or designs, within Contractor's Project knowledge, that Contractor could have discovered and resolved prior to the execution of this Amendment One, and/or prevented, such as, for example, and not by way of limitation, constructability and coordination issues or meeting Contract Documents or reasonably foreseeable equipment/material replacements and substitutions.
- C. Time and/or Compensation for Non-Preventable Changes: In completing the Retained Work Contractor shall have entitlement to additional time or compensation for Non-Preventable changes and extra costs, defined as: changes, costs and/or time delay resulting from conditions, events or designs, not within Contractor's Project knowledge, that Contractor could not have reasonably discovered and timely resolved and/or prevented.

D. Examples:

- a) District changes adding additional scope or changes in legal requirements, would be a Non-Preventable Change.
- b) District direction for upsizing or downsizing a piece of equipment to meet changed service requirements would be a Non-Preventable Change.

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c) Changing a piece of equipment to meet space requirements or code requirements would be a Preventable Change.

ARTICLE 7. MISCELLANEOUS AND LEGAL

- A. Diligent Performance. Contractor shall diligently prosecute the Work to completion. In the event of any dispute under the Contract Documents, or regarding the interpretation of the Contract Documents, or this Amendment One, the District shall decide the issue and Contractor shall diligently prosecute the Work, including the Disputed Work, to completion in accordance with the District's decision. Contractor will, however, retain its rights stated in the Contract's Disputes Procedure, except as stated below in Article 7 B. Dispute Review Board.
- **B. Dispute Review Board**. The Dispute Review Board is dismissed and the DRB Process, expressed throughout the Contract Documents, no longer applies.
- **C. Warranty**: All construction warranties shall commence to run in accordance with original Contract Documents for Retained Work. See Attachment 3, Warranty List, dated February 12, 2020, incorporated herein by this reference.
- D. Mandatory Seasonal Water Production Schedule: The mandatory seasonal water production schedule provided in Article 01140.1.11. Mandatory Rinconada WTP Water Production Schedule as November 15 to March 15 for 40MGD and March 16 to November 14 for 80MGD, shall extend into future years if delays extend and until successful completion of all Retained Work.
- E. Legal: Nothing in this Amendment One shall change or alter the Contract terms and conditions on Contractor's indemnification, which shall continue to apply and are cumulative to Contractor's indemnities as stated herein. The Amendment One is a consensual contract amendment. It is not a contract termination. This Amendment One has precedence over all Contract Documents identified in Standard Provisions, Section 2.01. Precedence of Contract.
- F. Entire Agreement. This Amendment One constitutes the sole and entire agreement between the Parties and supersedes all prior agreements, negotiations, and discussions between the Parties with respect to the subject matter covered hereby. The Parties each acknowledge that, in entering into this Amendment One, they are not relying upon any representation, promise or warranty other than those terms and provisions expressly set forth in this Amendment One. This Amendment One may not be altered, amended, waived, modified or otherwise changed in any respect or particular whatsoever except by writing duly executed by authorized representatives of the Parties.
- **G. Counterpart Signatures**. This Amendment One may be signed in any number of counterparts, each of which shall be deemed an original and all of which shall be deemed one and the same instrument. Electronic signatures shall also be deemed an original and each signature page shall constitute a counterpart hereof. A photocopy of the signed original may be used for all purposes to which a signed original can be used.
- **H. Headings**. Paragraph headings are provided for convenience and do not control the interpretation of this Agreement.

- I. **Consultation with Counsel**. The Parties acknowledge that each of them has read and understood this Amendment One, and that each of them has received or had the opportunity to receive independent legal advice from their respective attorneys as to the effect and importance of this Amendment No. One provisions.
- J. Joint Preparation. The Parties agree and acknowledge that the terms of this Amendment One have been negotiated and drafted jointly by representatives of each of the Parties and that no future construction of this Amendment One shall be affected or governed in any way by any claim concerning the identity of the drafter of this Agreement.
- **K. Non-Waiver**. Any waiver of any portion or provision of this Amendment One, shall not be valid unless it is in writing, properly executed by the Parties.
- L. Continuation of Executive Partnering: Parties agree to continue Executive Partnering to aid in successful completion of the Contract. Executive Partnering shall be used as the preferred means for dispute resolution; however, it shall not constitute a basis to stop or delay work or otherwise delay or toll dispute resolution procedures as provided under Article 8 Dispute Resolution herein.
- **M. No Third-Party Beneficiaries.** Nothing in this Amendment One, whether express or implied, shall be construed to give any person or entity, other than the parties hereto, any legal or equitable right, remedy or claim relating to this Agreement or any covenants, conditions, or provisions contained herein.

ARTICLE 8. DISPUTE RESOLUTION

- A. Contractor shall use its best efforts to include this procedure in its subcontracts and supplier agreements used for completion of the Retained Work and shall join such parties in Referee proceedings as necessary to achieve a complete resolution of disputes.
- **B.** Judicial Reference: In the event of disputes that are not resolved through Executive Partnering, the Parties may engage in voluntary non-binding mediation or any other alternative dispute resolution they may agree on. Upon failure to mutually agree, or upon failure of any such mediation or other alternative dispute resolution procedure mutually agreed upon by the parties, should either party commence litigation, the dispute shall, upon stipulation or by order of the court following petition or noticed motion, be ordered to judicial reference under the California Code of Civil Procedure, Sections 638 *et seq.*, subject to the provisions for Judicial Reference as set forth below.
 - 1. The referee shall be a retired California state court judge who, in the prior ten years, has served as the trial judge or arbitrator for a complex construction dispute. The referee shall not have been hired or retained by any of the Parties or subcontractors, including as legal counsel. Nor may the Parties seek to appoint a referee that may be disqualified pursuant to California Code of Civil Procedure Section 641 or 641.2. Notwithstanding the foregoing, the Parties may stipulate in writing to a referee not meeting these requirements.

- 2. If the Parties are unable to agree to a referee within ten (10) calendar days, then the referee will be selected by the court in accordance with California Code of Civil Procedure Section 640(b).
- 3. The referee shall conduct the proceedings in accordance with state law, including without limitation, the California Code of Civil Procedure, and California Evidence Code, except as specifically agreed to by the Parties in writing and approved by the referee.
- 4. The referee's decision shall be decided under and in accordance with the laws of the State of California, supported by substantial evidence and, in writing, contain the basis for the decision, conclusions of law, findings of fact on each material element of causes of action decided, and for damage amounts awarded, specific findings of causation and basis of calculation in reasonable specificity for categories of amounts.
- 5. The referee is empowered to relax the rules of evidence for purposes of expedience, savings of time and savings of expense, however, findings of fact must be based upon evidence meeting the standards of admissibility under the California Evidence Code, for purposes such evidence has qualified.
- 6. Hearsay may not constitute competent evidence; nor may expert opinion rely on hearsay.
- 7. Neither Party may recover from the other Party special, consequential, or incidental damages, unless the same is proven to result from intentional breach of contract, gross negligence or an intentional tort.
- 8. The referee, in his or her sole discretion, is empowered to request either Party to substantiate amounts or request other, reasonable verification of amounts.
- 9. The decision of the referee shall be entered as a judgment in the court in accordance with the provisions of the California Code of Civil Procedure Sections 644 and 645, unless otherwise agreed by the Parties.
- 10. The decision of the referee shall be appealable to the same extent and in the same manner that such decision would be appealable if rendered after trial in the superior court.
- 11. The cost of conducting the judicial reference proceeding shall be borne equally by the parties. The filing fee, witness fees, costs of discovery, or any other cost necessarily incurred by one party shall not be shared by any other party, except that the referee may allow the prevailing party to recover its costs and necessary (but not discretionary) disbursements, except attorneys' fees, on the same basis as allowed in civil actions. These costs shall be taxed as in civil actions.

C. No Attorneys' Fees: No Party to this Amendment One may recover its attorneys' fees from the other for any reason whatsoever.

IN WITNESS WHEREOF, THE PARTIES HAVE SET FORTH BELOW THEIR CONSENT TO THE TERMS AND CONDITIONS OF THIS AMENDMENT ONE THROUGH THE SIGNATURES OF THEIR DULY AUTHORIZED REPRESENTATIVES.

SANTA CLARA VALLEY WATER DISTRICT	BALI
District	Contr

BALFOUR BEATTY INFRASTRUCTURE, INC.

By:		Ву:		
	Nai Hsueh	John Rempe		
	Chair, Board of Directors	President and Chief Executive Officer		
Date:		Date:		
		Contractor's Address:		
		5050 Business Center Drive, Suite 250, Fairfield, CA 94534		

ATTEST:

Michele L. King, CMC Clerk, Board of Directors

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Attachment No. 1 to Amendment One

Final Site Restoration Plan

Rinconada Water Treatment Plant Reliability Improvement Project, Contract C0601

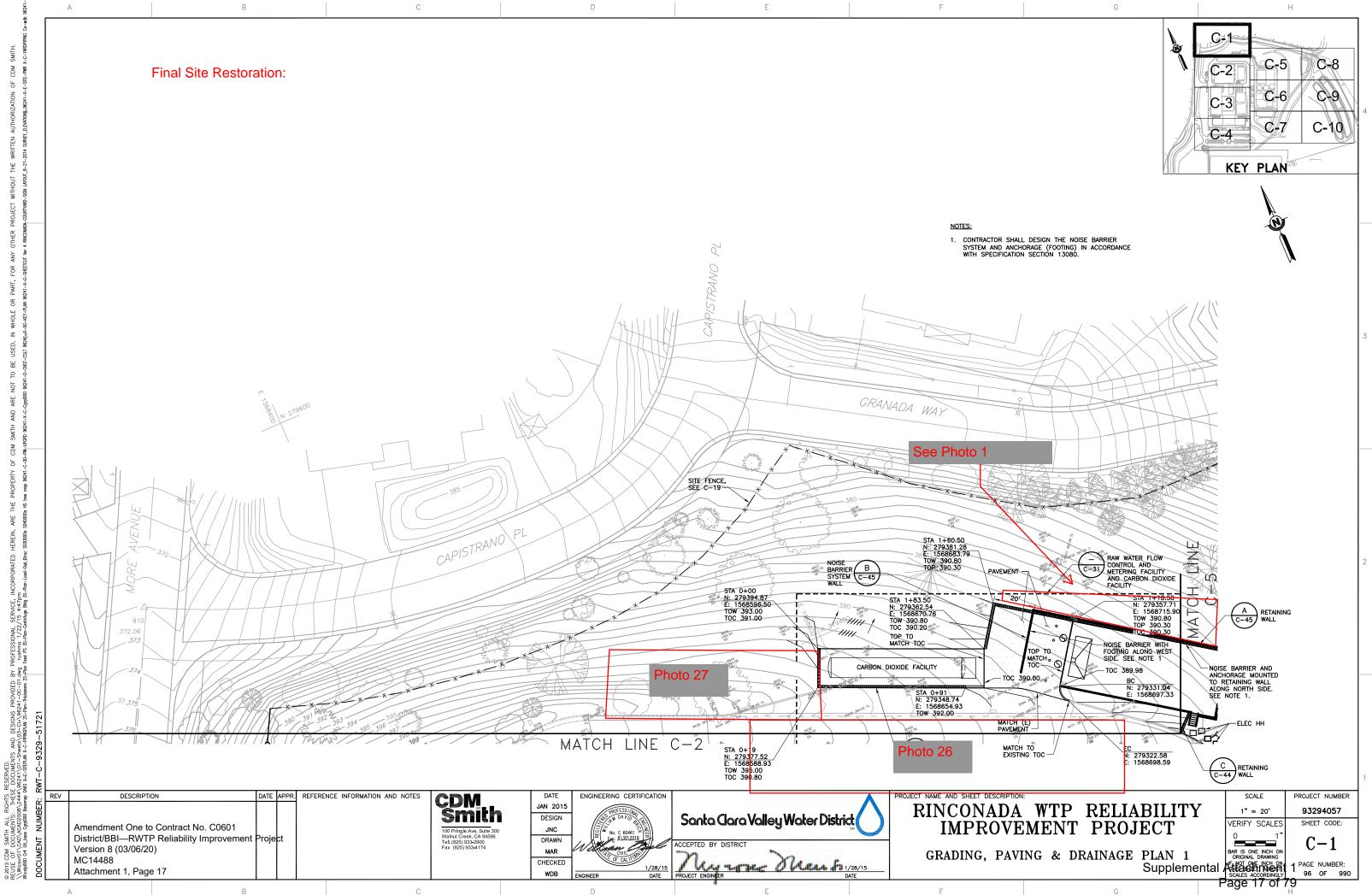
March 5, 2020

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 15

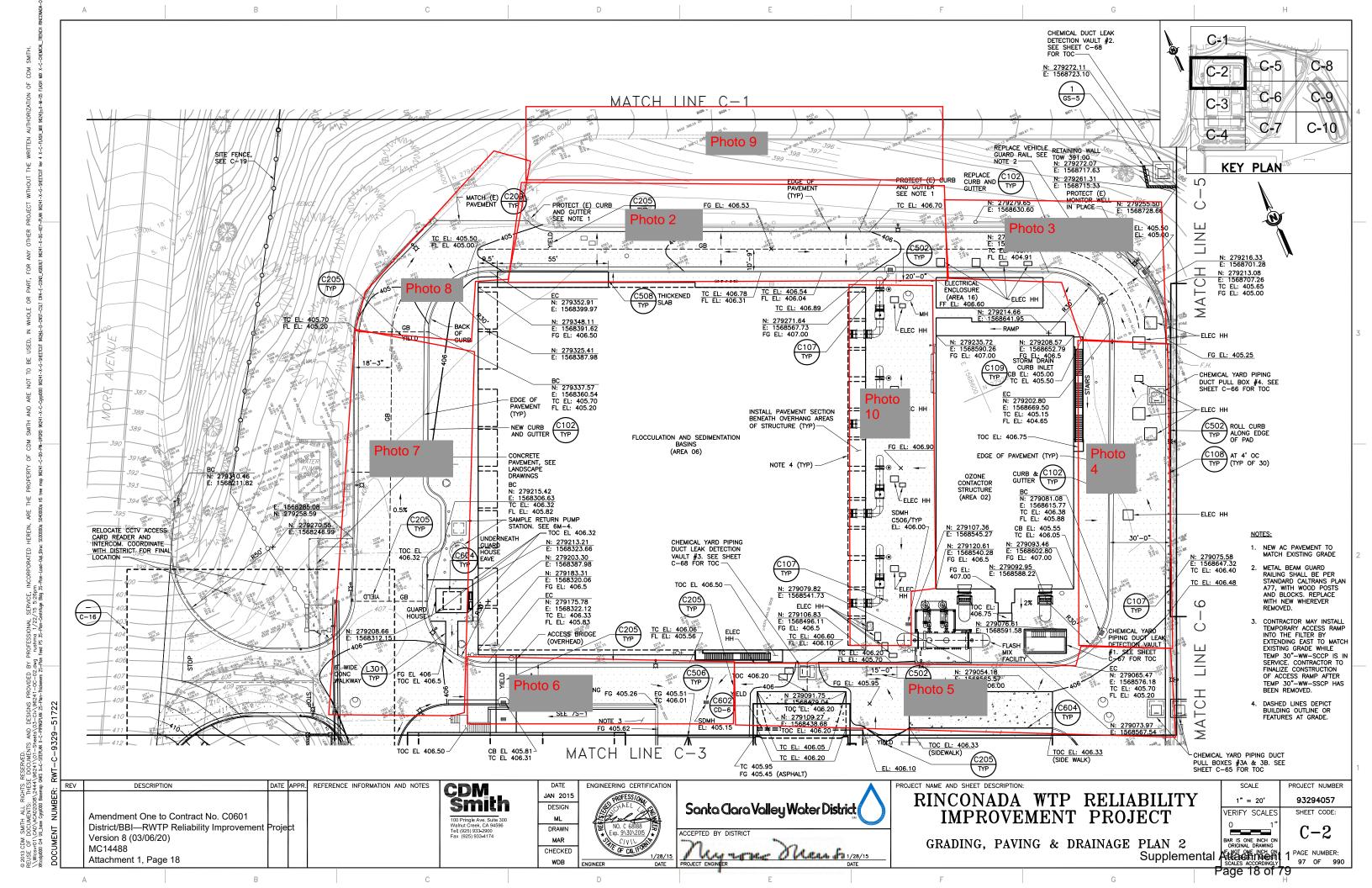
Site Restoration per Walk through and Meeting on January 31, 2020

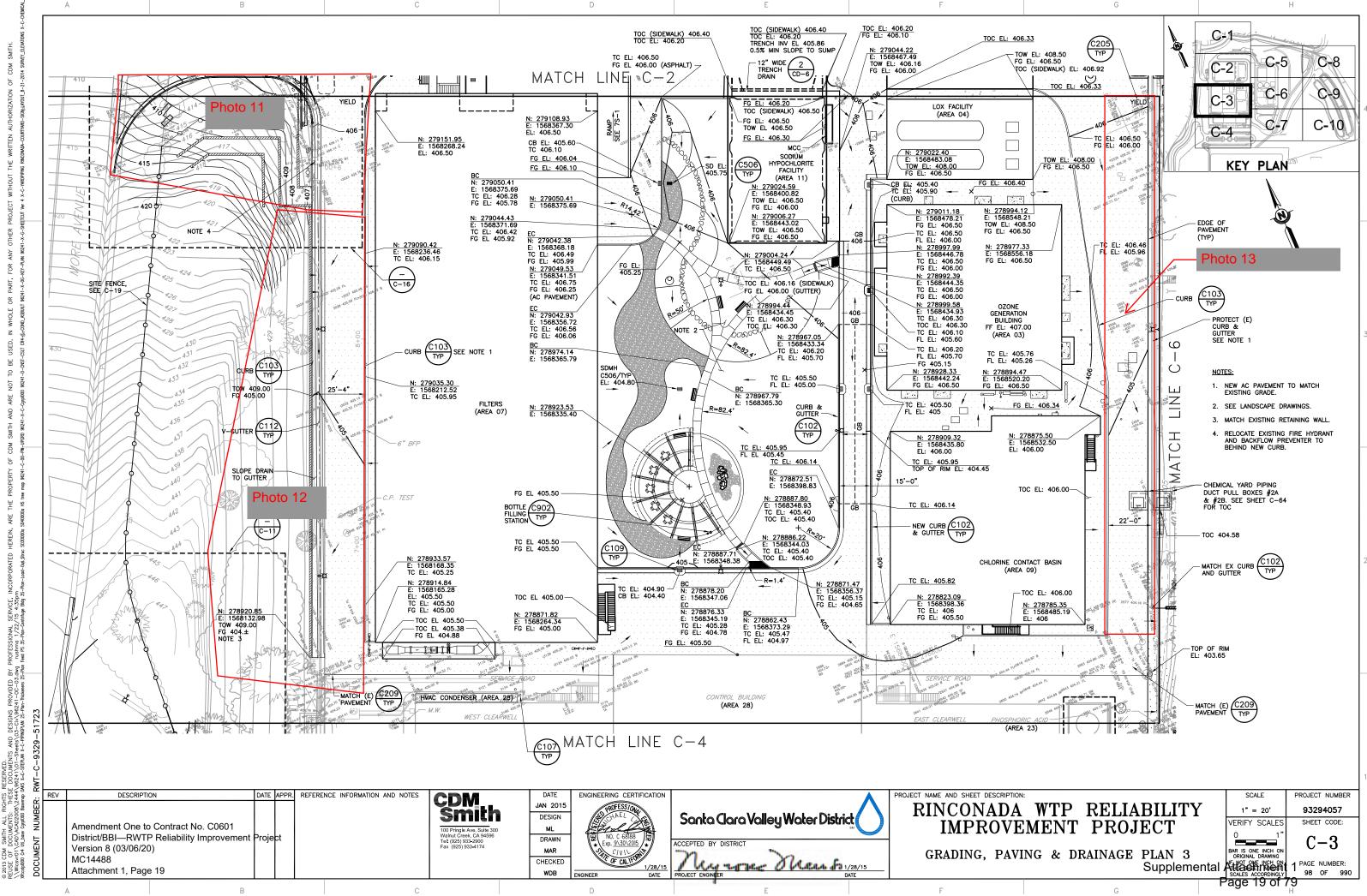
The following was agreed to between the representative of BBII and the District following the walk through in a meeting at the WTP. The plans submitted by BBII to accept the site in as is condition were utilized for the walk through, and the following relate to acceptable as is agreement.

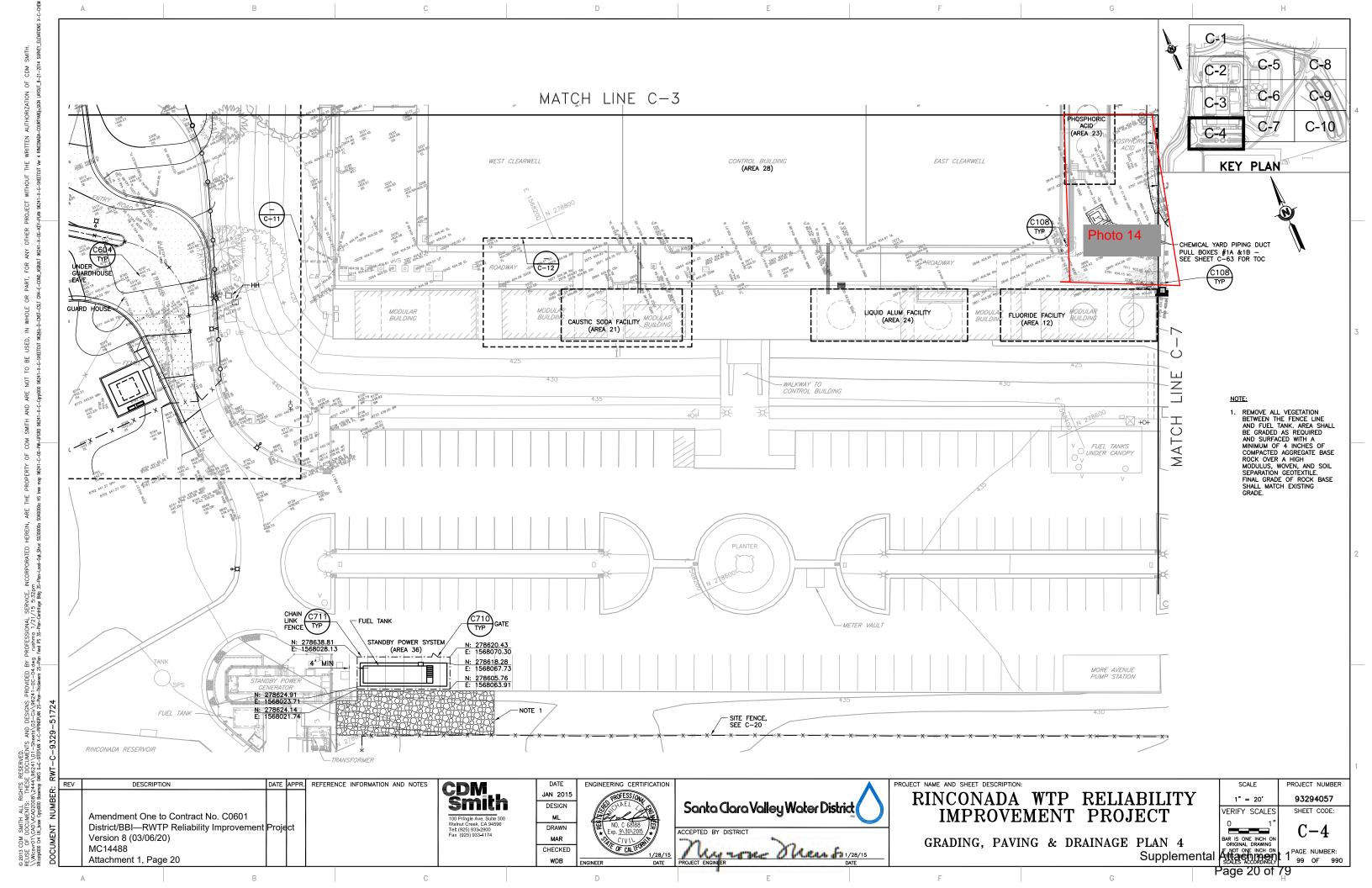
- 1. All existing roadways in the plant should be established to allow easy access and traffic control for Plant Operating and Maintenance Staffs and vehicles. Roadways shall be graded to provide proper drainage to drains or SWPPP pump sumps.
- 2. Roadway area between Floc/Sed. Ozone Contactors and existing clarifiers shall be regraded to provide positive drainage away from new Phase 2 facilities.
- 3. BBII to establish a swale/berm grading to form a retention pond with overflow to V-Ditch / Slide gate Structure.
- 4. All SWPPP slope protection shall be brought up to "like-new" condition.
- 5. All presently deployed SWPPP pumps shall remain installed at the site and shall be tested as operable. (Valley Water to add trash pumps within the Slide Gate Chamber to divert V-ditch overflow to detention ponds.)
- 6. Remove all unused material, i.e. pipe, fittings, conduit, rebar, forms, etc., from the site.
- 7. BBII construction yard at southeast detention ponds shall be graded and all side slopes graded and protected from erosion with jute matting.

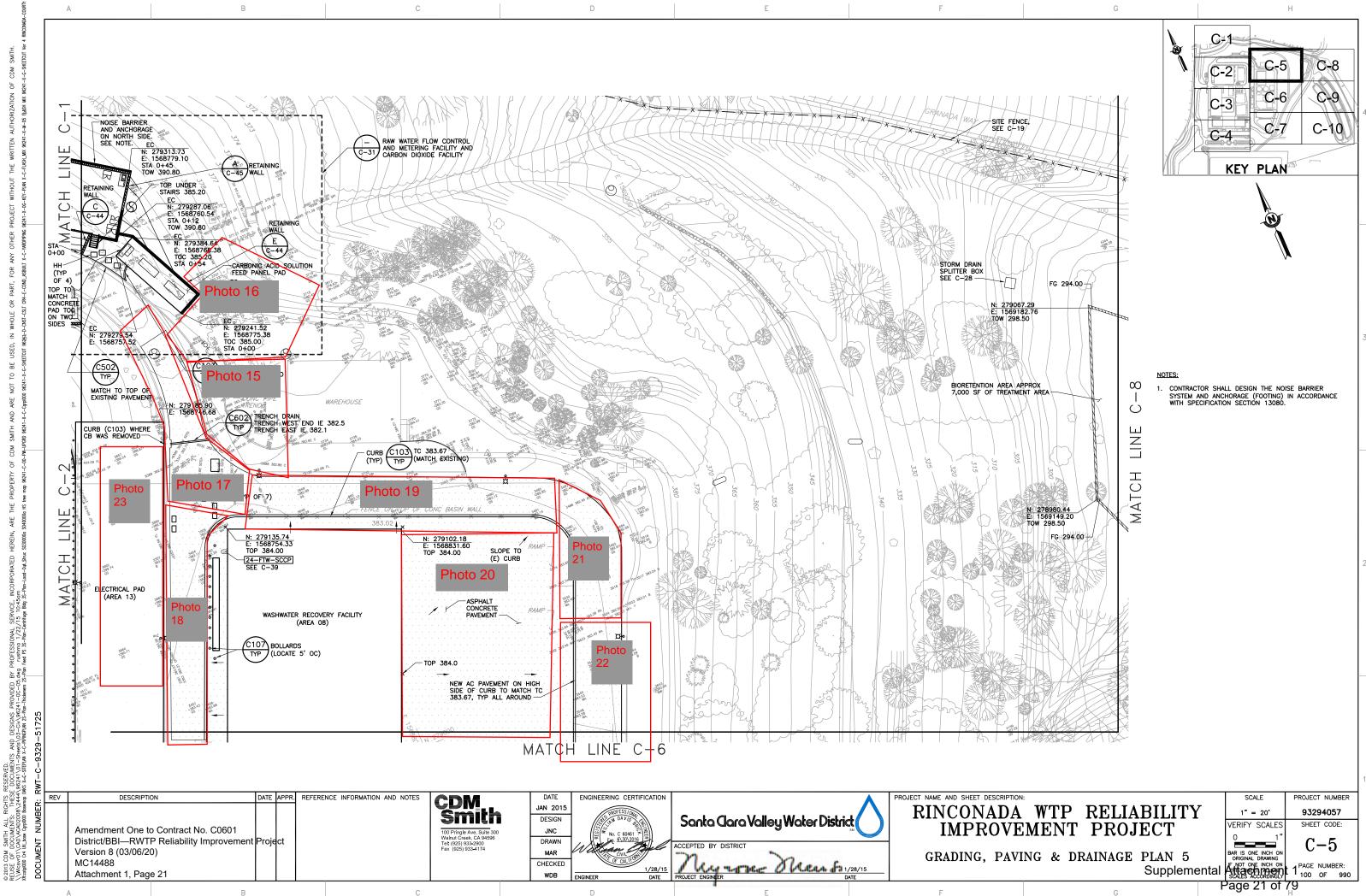


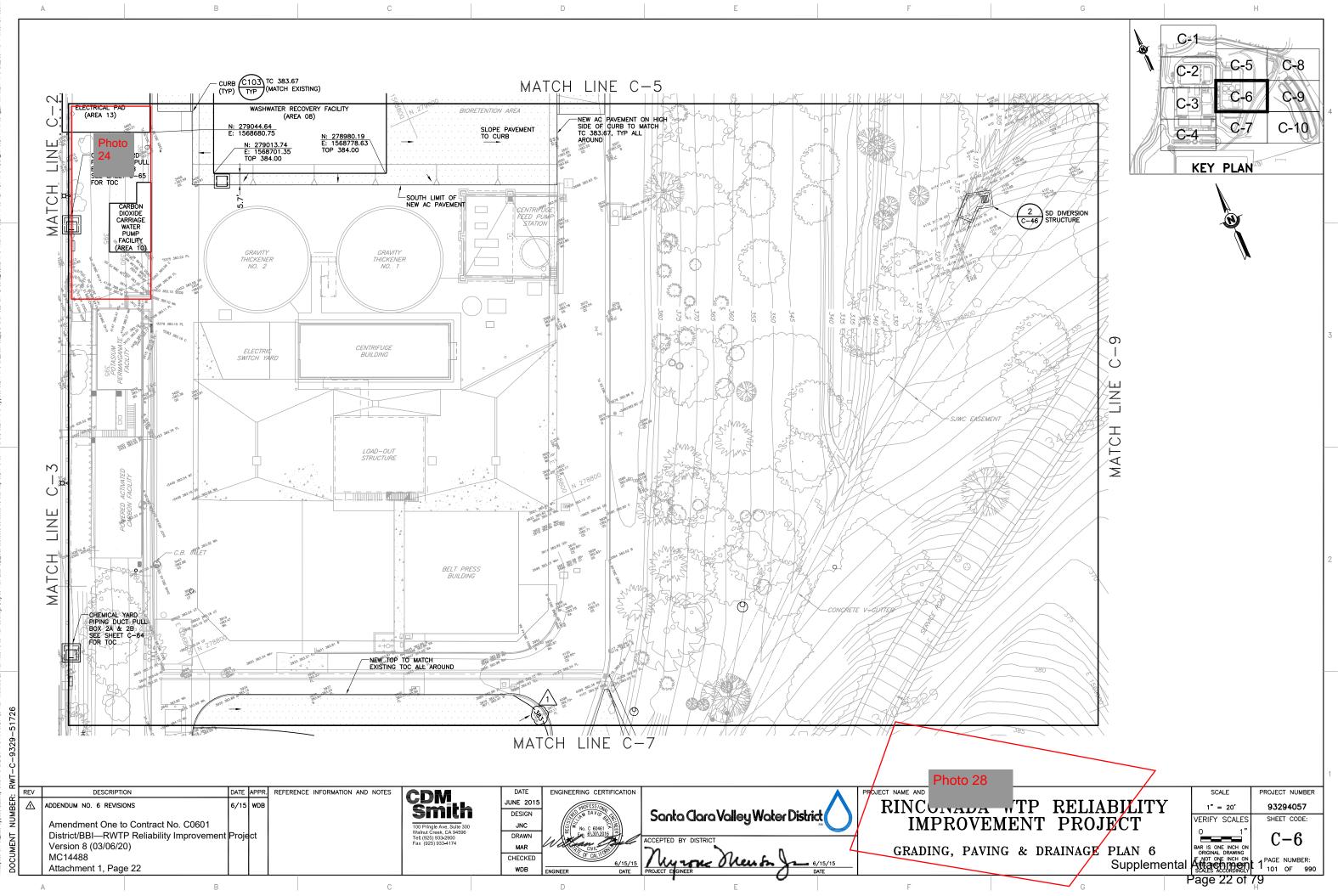
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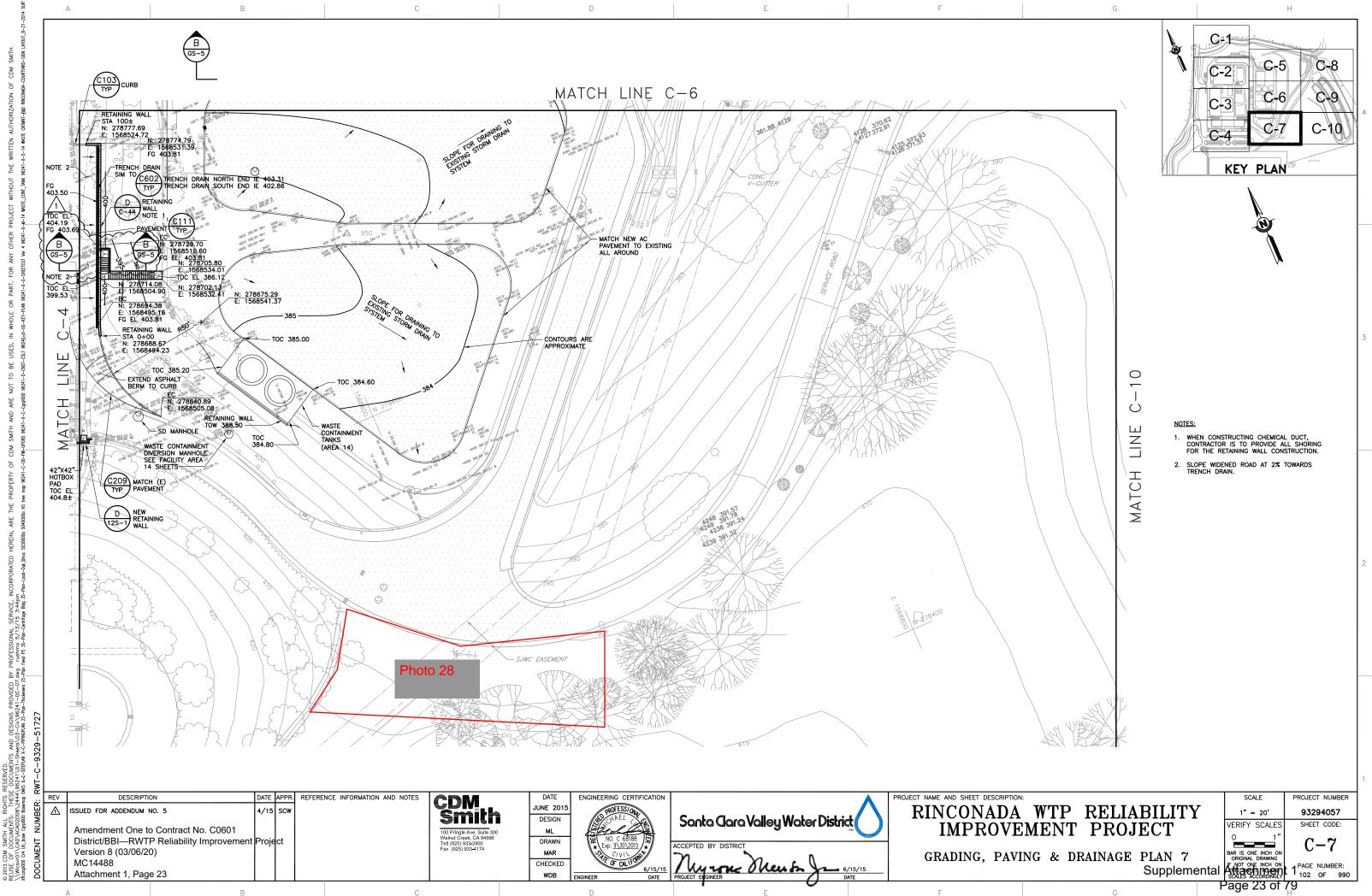




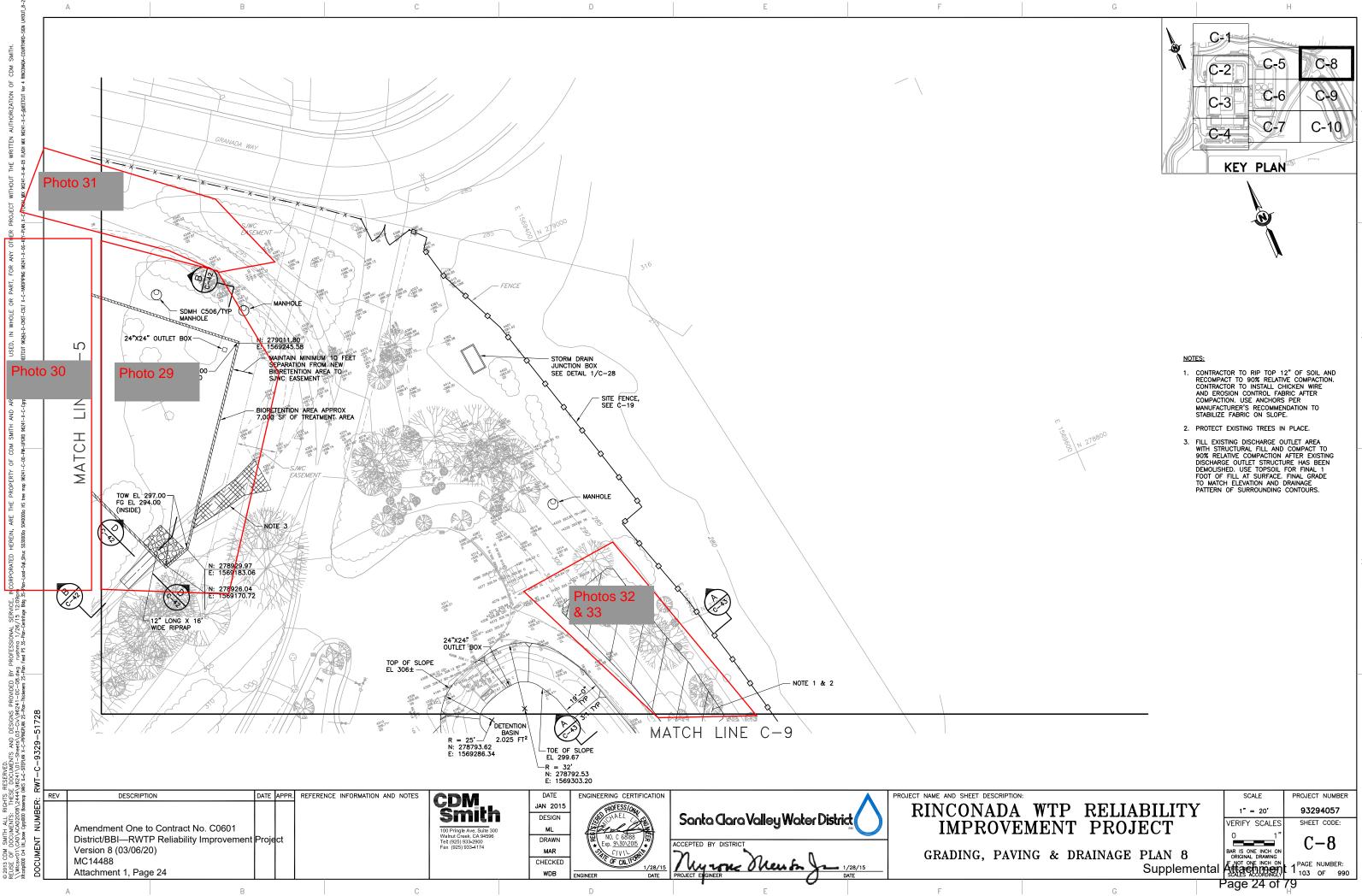


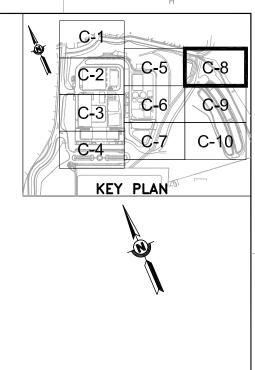


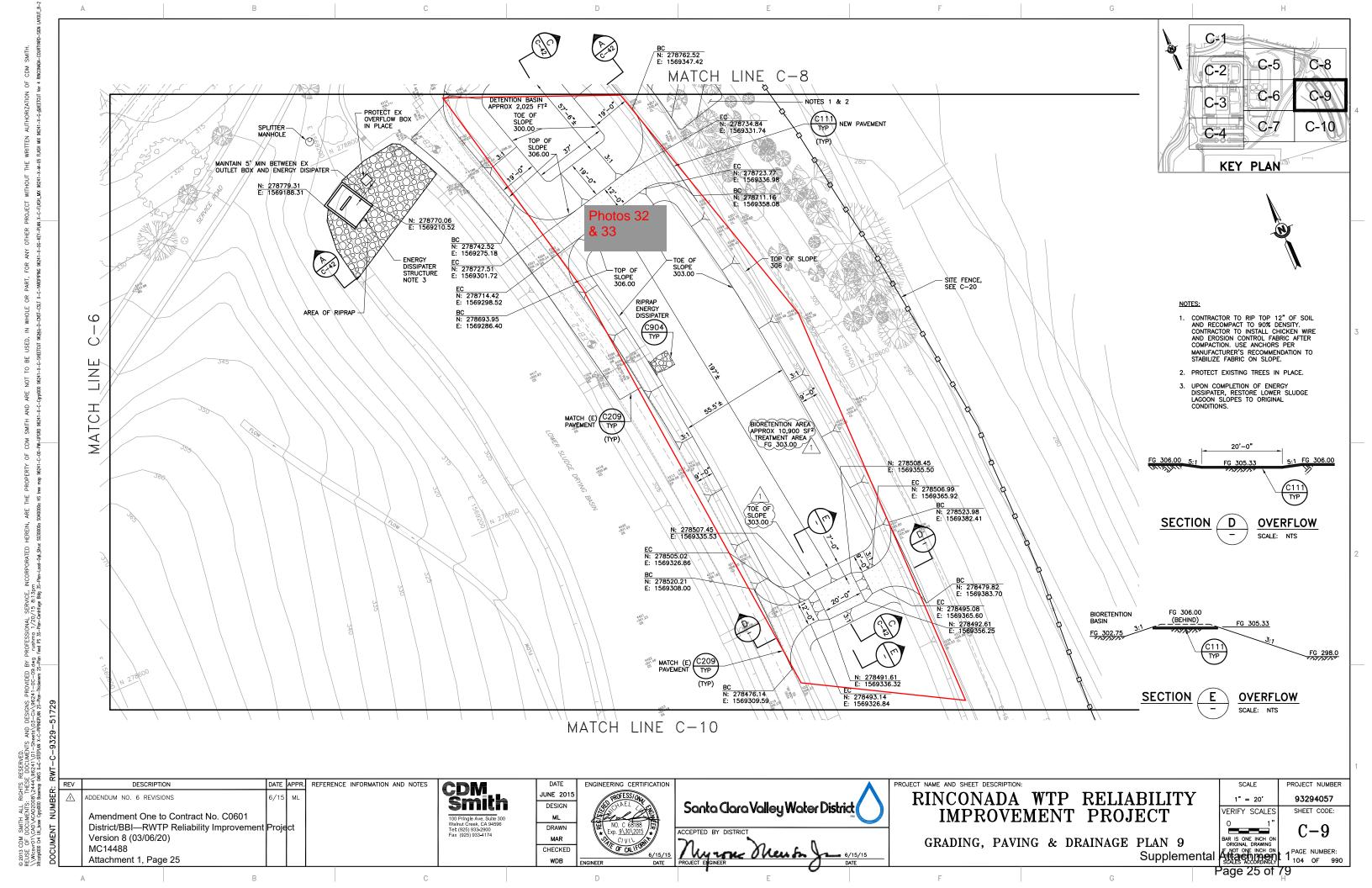
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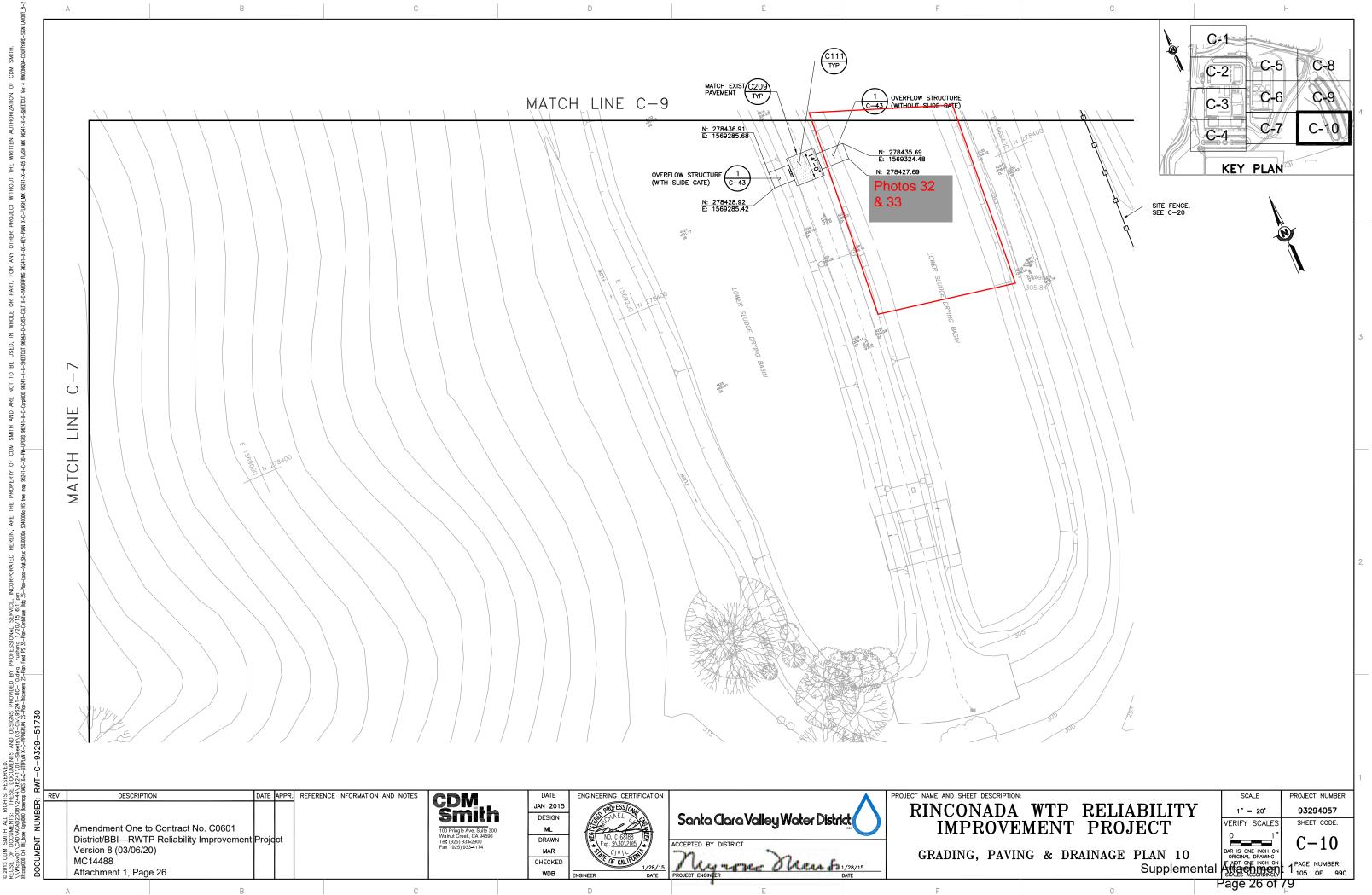


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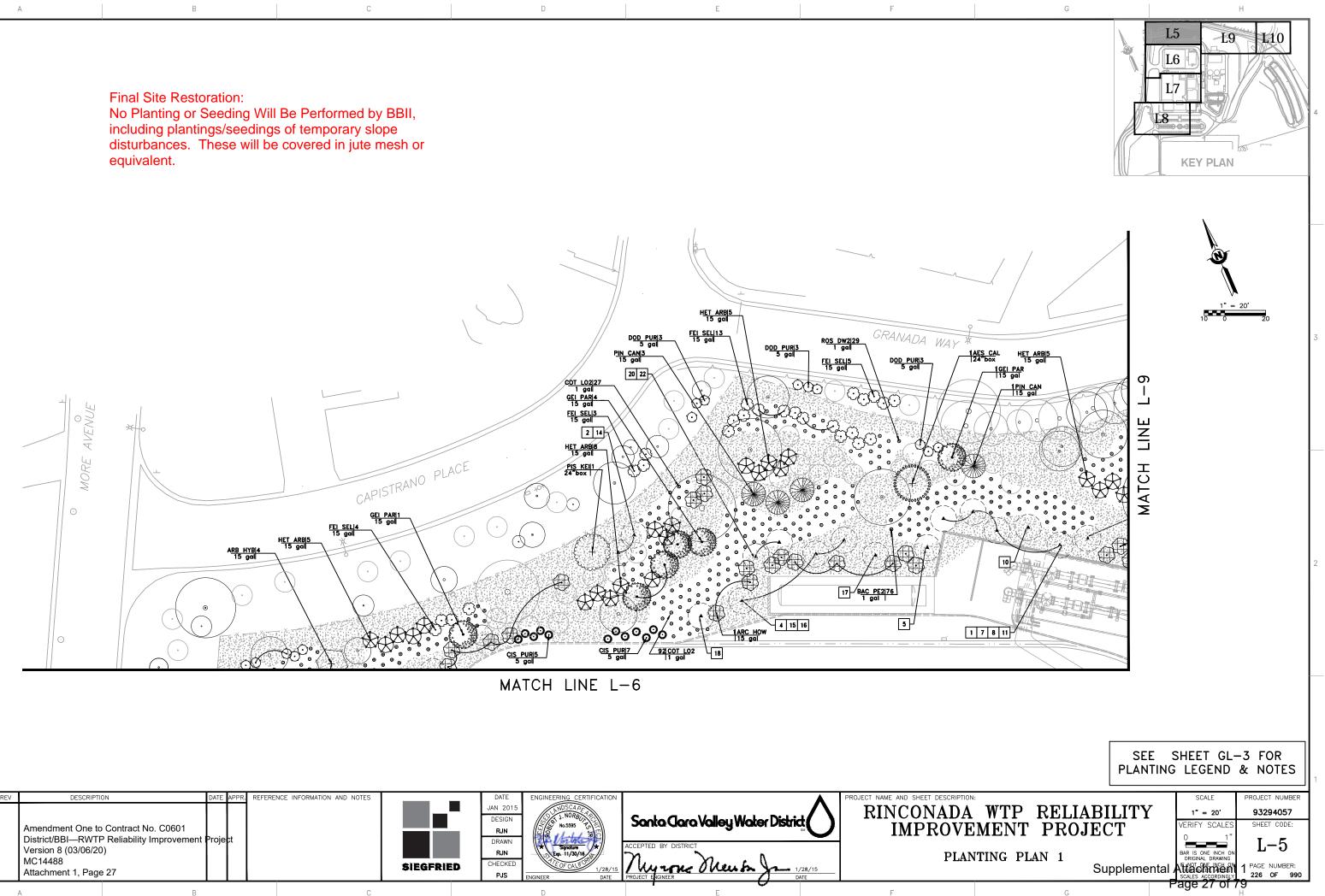




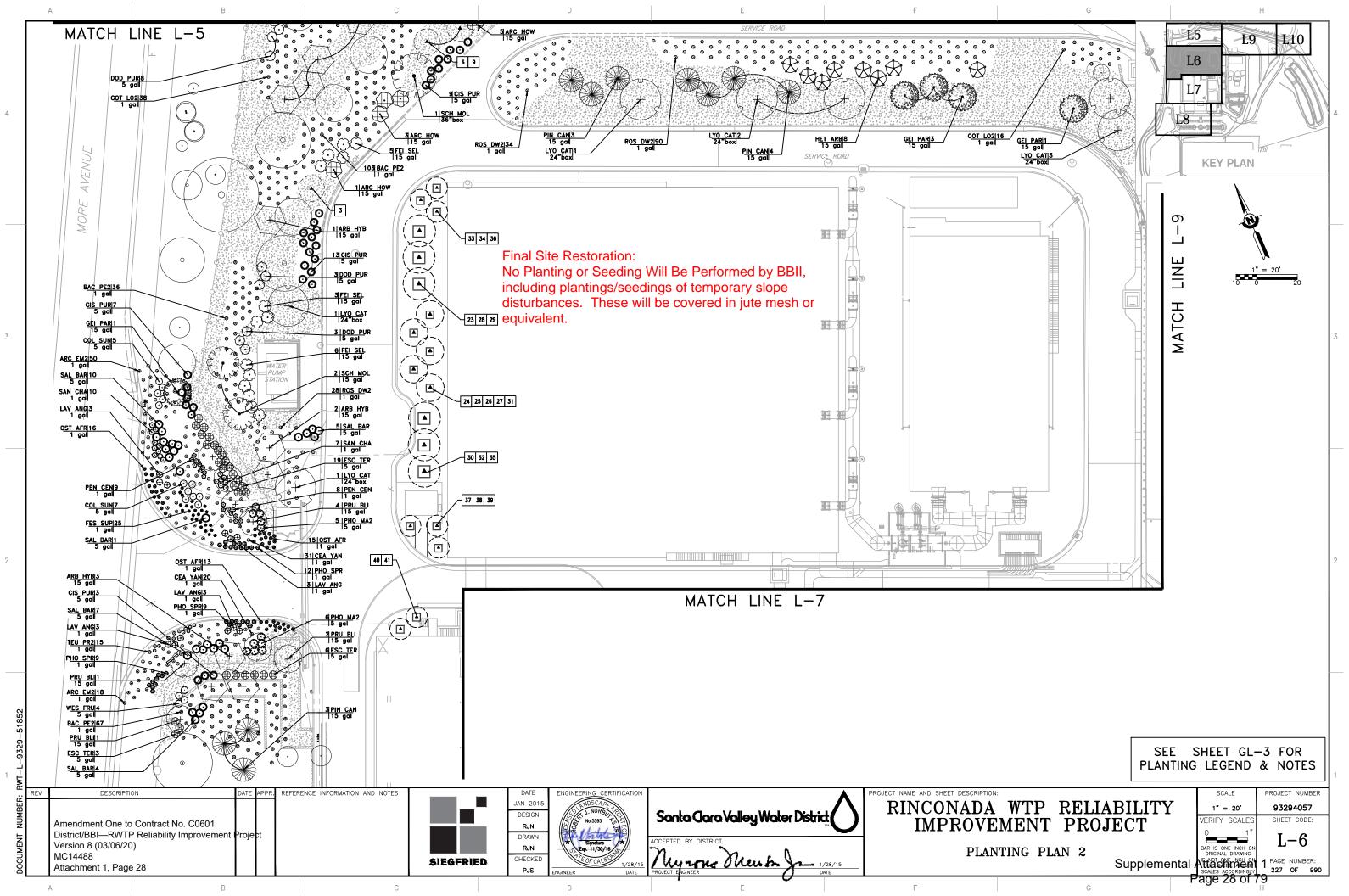


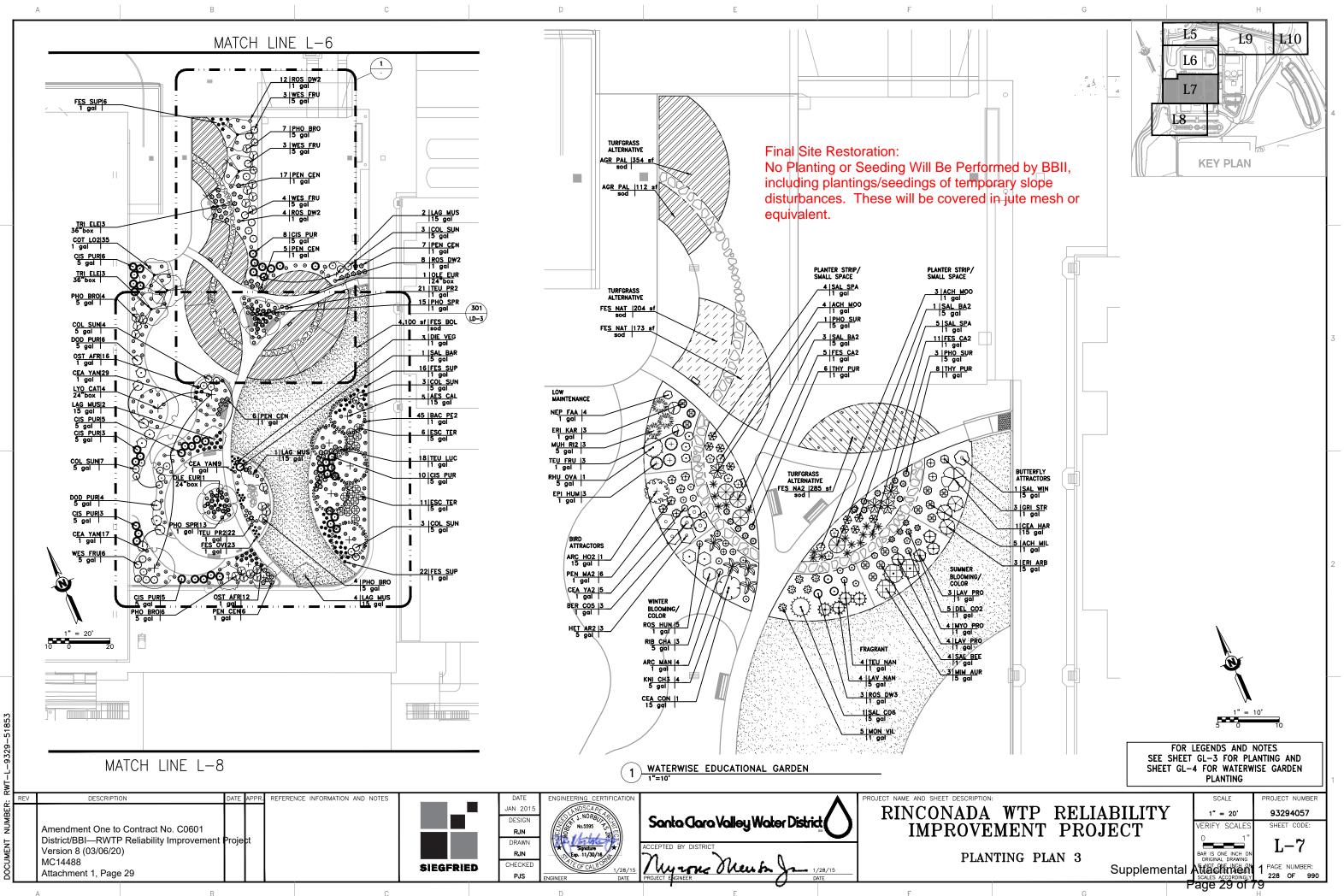


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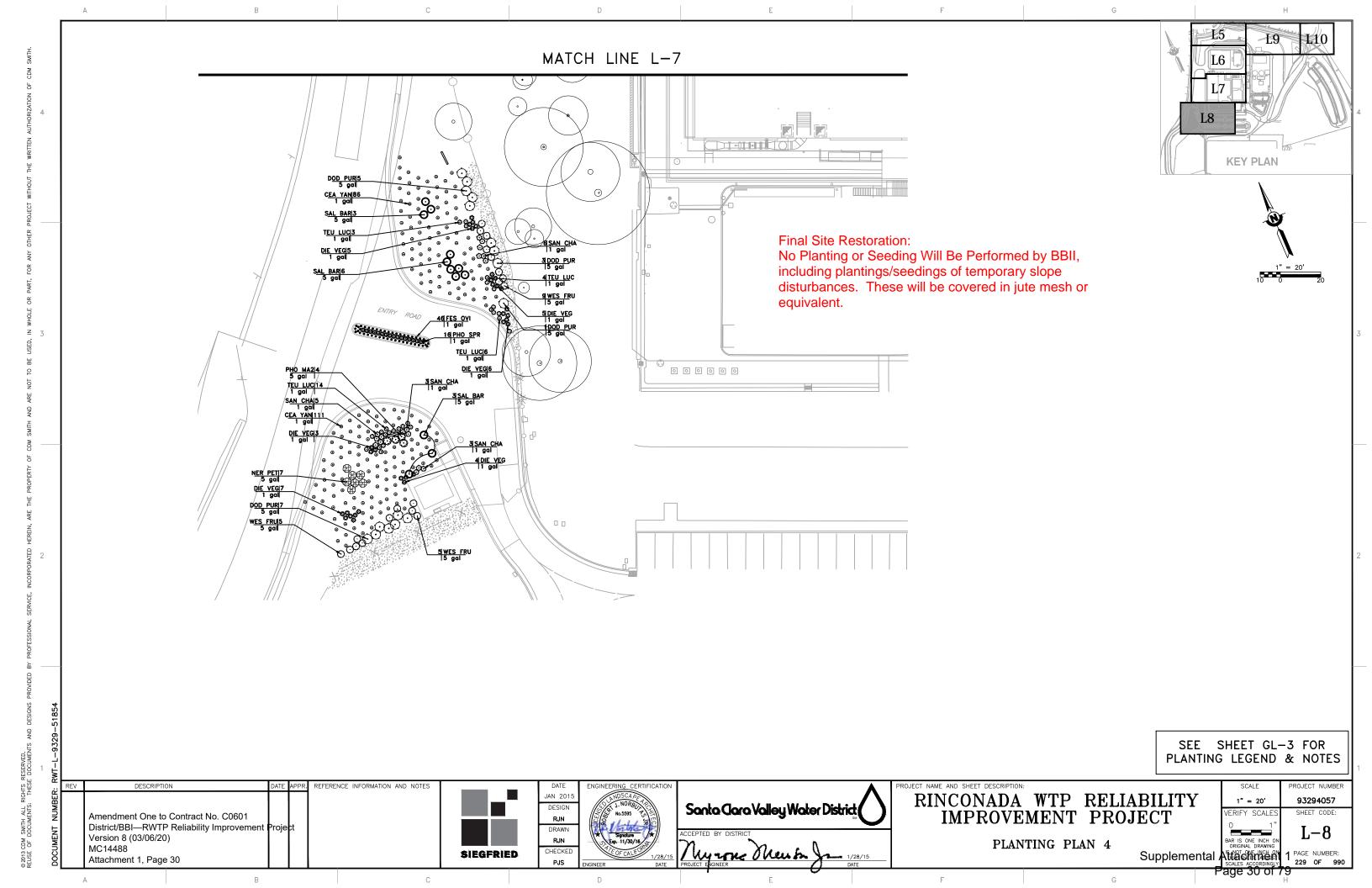


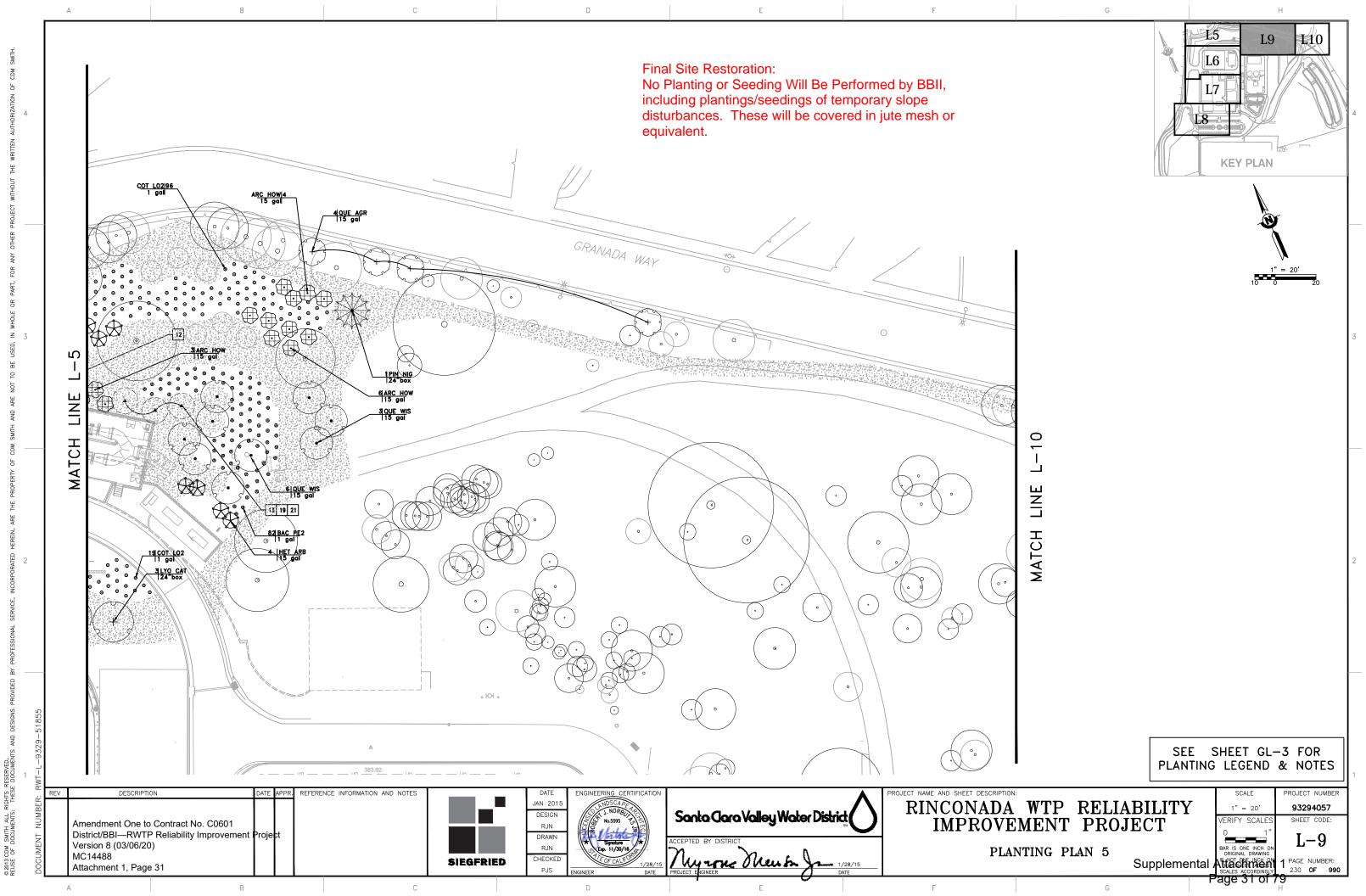
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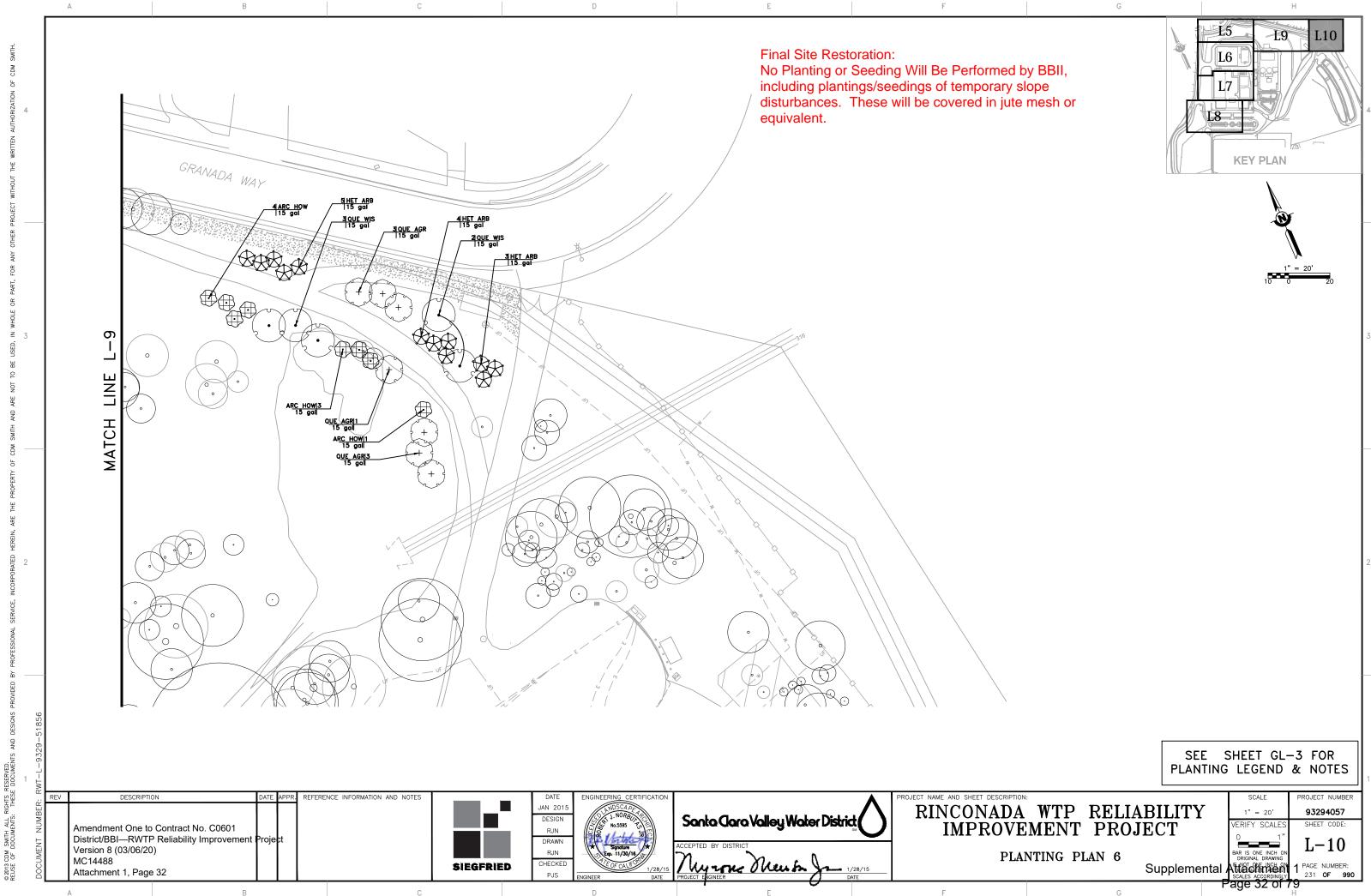


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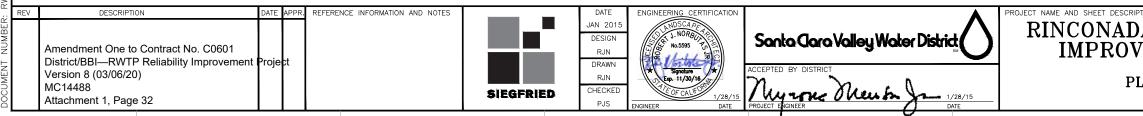


Photo 1

Removal of BBII Materials/Equipment

No Further Improvements

11/20/2019 13:08

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 33

Supplemental Attachment 1 Page 33 of 79

Removal of BBII Materials/Equipment

No Further Improvements

Photo 2

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11/20/2019 13:11

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 34

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Photo 3

Removal of BBII Materials/Equipment

No Further Improvements

11/20/2019 13:12

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 35

Supplemental Attachment 1 Page 35 of 79

Photo 4

Removal of BBII Materials/Equipment

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No Further Improvements

11/20/2019 13:12

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 36

Supplemental Attachment 1 Page 36 of 79 а

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvemen Version 8 (03/06/20) MC14488



Supplemental Attachment 1 Page 37 of 79

Trench Plates will be removed and Class II Base placed to match existing.

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improveme /ersion 8 (03/06/20) //C14488 //tachment 1, Page 38



Supplemental Attachment 1 Page 38 of 79

Trench Plates will be removed and Class II Base placed to match existing.

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 39



Supplemental Attachment 1 Page 39 of 79

Photo 8

Removal of BBII Materials/Equipment

Trench Plates will be removed and Class II Base placed to match existing.

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Pro Version 8 (03/06/20) MC14488 Attachment 1, Page 40

Supplemental Attachment 1 Page 40 of 79

11/20/2019 13:10

Removal of BBII Connexes/Material

BBII to leave Krail/slope as-is.

Jute Mesh any Disturbed Slopes

No Further Improvements

11/20/2019 13:09

Photo 9

Photo 10

Removal of BBII Materials/Equipment

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Version 8 (03/06/20) MC14488 Attachment 1, Page 42

Supplemental Attachment 1 Page 42 of 79

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No Further Improvements

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Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 43

Photo 11

11/20/2019 13:15

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No Further Improvements

Photo 12

11/20/2019 13:15

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 44

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11/20/2019 12:45

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 45

Supplemental Attachment 1 Page 45 of 79 9

Trench Plates will be removed and Class II Base placed to match existing.

No Further Improvements

Photo 14

11/20/2019 12:46

65

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 46

Supplemental Attachment 1 Page 46 of 79

Trench Plates will be removed and Class II Base placed to match existing.

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Proj /ersion 8 (03/06/20) MC14488 Attachment 1 Page 47



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11/20/2019 13:03

Supplemental Attachment 1 Page 47 of 79

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NO SMOKING WITHIN 25 FEET

Trench Plates will be removed and Class II Base placed to match existing.

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No Further Improvements



11/20/2019 13:09

Supplemental Attachment 1 Page 48 of 79

No Further Improvements

Photo 17

11/20/2019 13:05

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Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 49

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11/20/2019 13:03

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 50

Supplemental Attachment 1 Page 50 of 79



No Further Improvements

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Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 51

Photo 19 Comment States of Comments 11/20/2019 13:02

Supplemental Attachment 1 Page 51 of 79

No Further Improvements

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Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improveme Version 8 (03/06/20) MC14488 Attachment 1. Page 52

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Supplemental Attachment 1 Page 52 of 79



Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 53

11/20/2019 13:02

Photo 21

Supplemental Attachment 1 Page 53 of 79

No Further Improvements

Photo 22

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 54

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11/20/2019 13:02

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement F Version 8 (03/06/20) MC14488 Attachment 1, Page 55



Photo 23

O United Rentals S-60X

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Proje Version 8 (03/06/20) MC14488 Attachment 1, Page 56



Supplemental Attachment 1 Page 56 of 79

No Further Improvements

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Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 57

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11/20/2019 12:47

Photo 25

Supplemental Attachment 1 Page 57 of 79

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 58

11/20/2019 13:05

Photo 26

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Supplemental Attachment 1 Page 58 of 79



No Further Improvements

ZERO HARM

MAKE SAFETY PERSONAL

Balfour Beatty

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 59

11/20/2019 13:10

Photo 27

Supplemental Attachment 1 Page 59 of 79

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 60



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Supplemental Attachment 1 Page 60 of 79

No Further Improvements

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Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 61

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11/20/2019 12:56

Photo 29

Supplemental Attachment 1 Page 61 of 79

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement P Version 8 (03/06/20) MC14488 Attachment 1, Page 62

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11/20/2019 12:57

Supplemental Attachment 1 Page 62 of 79

No Further Improvements



Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 63

Supplemental Attachment 1 Page 63 of 79

11/20/2019 12:57

Photo 32

Removal of BBII Materials/Equipment

Installation of Jute Mesh on Disturbed Exposed Slopes

No Further Improvements

11/20/2019 12:53

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Attachment 1, Page 64

Supplemental Attachment 1 Page 64 of 79

Installation of Jute Mesh on Disturbed Exposed Slopes

No Further Improvements

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Pro Version 8 (03/06/20) MC14488 Attachment 1, Dogo 65



Supplemental Attachment 1 Page 65 of 79 THIS PACE MILLING WALL HIS PACE

Attachment No. 2 to Amendment One

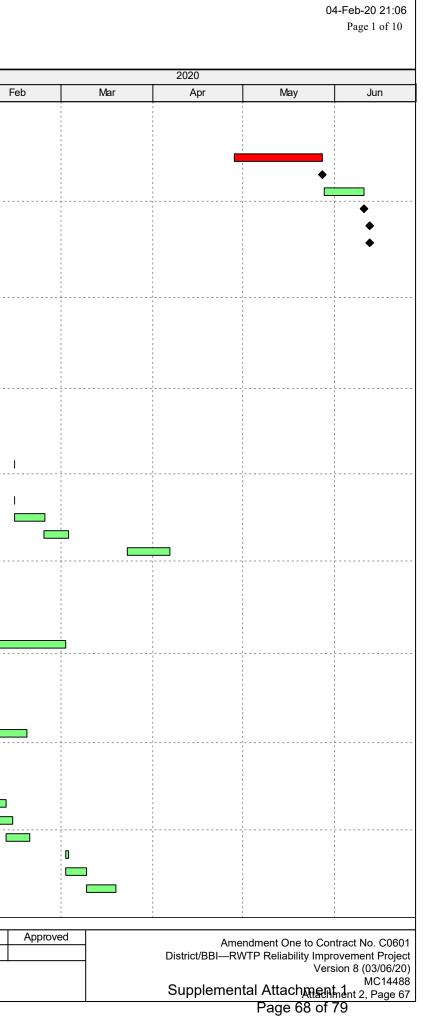
Project Completion Schedule, Run Date 04-Feb-20

Rinconada Water Treatment Plant Reliability Improvement Project, Contract C0601

February 4, 2020

Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Supplemental Attachment 2, Page 66 Page 67 of 79

RINCONADA - PROJE	CT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020		alfour irastructu		tty					
Activity ID	Activity Name		OD	RD	PCT	Start	Finish	Total Float	C	alendar
RINCONADA	- PROJECT COMPLETION SCHEDULE - UPDATED THRO	UGH 1/31/2020								
MILESTONES										
PH2-06-7120	Acceptones Test (20 Dev)		20	20	00/	20 Amr 20	07 May 20	2		Z DAY
PH2-06-7120 PH2-06-7130	Acceptance Test (30-Day) 30-DAY ACCEPTANCE TEST COMPLETED (MS #7: 5/27/2020)		30	30 0	0%	28-Apr-20	27-May-20	2		7 DAY 7 DAY
MILESTONE-02.2	01140-1.14 S.3 - Interim Operations Requirements (2 Week)		14	14		28-May-20	27-May-20 10-Jun-20	2		7 DAY
MILESTONE-02.2	MLESTONE RW 1 (PH #2 Completion Scheduled Date 6/12/2020)		0	0	0%	20-11/ay-20	10-Jun-20*	2		7 DAT
MILESTONE-06.1	MILESTONE RW 2 (Completion of Ph #6 Site Restoration) (Contractual Date 9/10/2020)		0	0	0%		12-Jun-20*	89		7 DAY
MILESTONE-06.2	MILESTONE RW 3 (Final Inpections / Guaranty / Final Clean) (Contractual Date 10/10/2020)		0	0	0%		12-Jun-20*	120		7 DAY
	DN - REMAINING PHASE #2		_		•					
AREA 001 - RA			· · ·							
ARCHITECTURA										
PH2-01-2000	001 - Raw Water - Concrete Finishing – Exterior Rubbed Finish		5	1	75%	20-Mar-19 A	04-Feb-20	74	5 DAY WE	ATHER 🗖 🛛
MECHANICAL	001 - Naw Water - Conclete Finishing - Extend Rubbed Finish		5	1	13/0	20-1VIAI-19 A	04-reb-20	74	J DAT WE	
PH2-01-4040	001 - Raw Water - Small Bore Insulation		5	1	00%	02-Sep-19A	03 Ech 20	56		ATHER 🗖 🛛
ELECTRICAL			5	1	90 /0	02-3ep-19A	03-Feb-20	50	J DAT WE	
PH2-01-5020	001 - Raw Water - Install Grounding FIT/ MOV's		2	0	00%	05-Jun-19 A	03-Feb-20	14		ATHER I
PH2-01-5080	001 - Raw Water - Energize test and check out		5	0		29-Oct-19 A	03-Feb-20	14		
PH2-01-5090	001 - Raw Water - ELECTRICAL PUNCH LIST / SHAKEOUT		40	2		15-Jul-19 A	05-Feb-20	18		
PH2-01-7110	001 - Raw Water - Lighting Fixtures		5	5		03-Feb-20	07-Feb-20	31	5 DAY WE	
PH2-01-5100	001 - Raw Water - LOOP test and check out (ORT)		10	1		04-Dec-19A	14-Feb-20	13	5 DAY WE	
START-UP & TR/								-	-	
PH2-01-7000	001 - Raw Water - Start up & Test 42" Butterfly Valves (Auma Remote Con trol Station remaining) (SCHF0	OR 1/8/2020)	5	0	95%	30-Oct-19 A	14-Feb-20	22	5 DAY WE	ATHER
PH2-01-7045	001 - Raw Water - ORT 42" Butterfly Valves (SCH FOR 1/8/2020)	,	5	5		14-Feb-20	24-Feb-20	22	5 DAY WE	
PH2-01-7040	001 - Raw Water - ORT 42" Ball Valves (SCH FOR 1/8/2020)		5	5	0%	24-Feb-20	03-Mar-20	18	5 DAY WE	ATHER
PH2-01-7100	001 - Raw Water - PLC 740 Functional Acceptance Test (FAT)		10	10	0%	23-Mar-20	06-Apr-20	5	5 DAY WE	ATHER
AREA 002 - 02	ZONE CONTACTOR									
ARCHITECTURA										
PH2-02-2050	002 - Ozone Contactor - Misc. Metals – Grating		10	5	50%	01-Nov-19 A	07-Feb-20	51	5 DAY WE	ATHER 🗖 🗖
PH2-02-2090	002 - Ozone Contactor - Roof Appurtenances – Gutters; Scuppers; Downspouts; Conductor Heads; etc.		5	5	0%	03-Feb-20	07-Feb-20	51	5 DAY WE	
PH2-02-2030	002 - Ozone Contactor - Entrance Doors & Frames		15	14	10%	27-Jan-20 A	02-Mar-20	26	5 DAY WE	ATHER 🗖 🗖
REPAIRS; NCNs	MISC									
PH2-02-3050	002 - Ozone Contactor - NCN #0111 – Ozone Ramp Landing and Ramp Slopes		10	5	50%	11-Mar-19 A	07-Feb-20	70	5 DAY WE	ATHER 🗖 🗖
MECHANICAL							,			
PH2-02-4090	002 - Ozone Contactor - Phase 2 Button-Up		20	4	80%	01-Oct-19A	06-Feb-20	26	5 DAY WE	ATHER 🗖 🗖
PH2-02-4080	002 - Ozone Contactor - Insulate		20	10	50%	02-Jan-20 A	18-Feb-20	46	5 DAY WE	ATHER 🗖 📖
ELECTRICAL										
PH2-02-5120	002 - Ozone Contactor - Install Ozone Alarm devices		5	1	90%	06-May-19 A	03-Feb-20	11	5 DAY WE	ATHER 🗾 🛛
PH2-02-5090A	002 - Ozone Contactor - Fabrication CCTV Equipment (***Ready for Delivery)		30	5 8	33.33%	01-Jul-19 A	05-Feb-20	67		7 DAY
PH2-02-5130	002 - Ozone Contactor - ELECTRICAL PUNCH LIST / SHAKE OUT		40	6	85%	11-Sep-19 A	11-Feb-20	11	5 DAY WE	ATHER 🗖 📖
PH2-02-5090B	002 - Ozone Contactor - Install CCTV Equipment		5	5		06-Feb-20	13-Feb-20	41	5 DAY WE	
PH2-02-5140	002 - Ozone Contactor - LOOP test and check out (ORT)		16	4		04-Dec-19 A	19-Feb-20	11	5 DAY WE	
PH2-02-5100	002 - Ozone Contactor - Install Fire Alarm Devices / Terminate FACP		5	1		27-May-19A	03-Mar-20	37	5 DAY WE	
PH2-02-5110	002 - Ozone Contactor - Install door security / Terminate special systems panel		7	5		27-May-19A	09-Mar-20	26	5 DAY WE	
PH2-02-5080	002 - Ozone Contactor - Install wiring /CCTV/ FA / SECURITY		14	7	50%	27-May-19A	19-Mar-20	26	5 DAY WE	
	& START-UP PLANS									
DATA DATE: 01-Feb-20) Remaining Level of Effort Critica	Re					Date		Revision	Checked
FINISH DATE: 12-Jun-2		ana				_				
RUN DATE: 04-Feb-20	Actual Work Actual Work Remaining Work	TASK filter	: REMAINI	NG AC]	IVITIES	5 .				

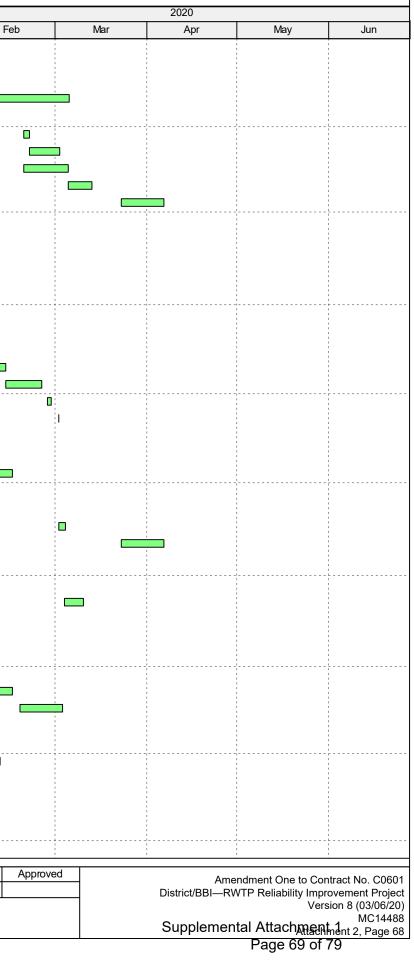


RINCONADA - PROJECT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020

Balfour Beatty Infrastructure Inc.

ctivity ID	Activity Name	OD	RD	PCT	Start	Finish	Total Float	Calendar	
							Fillat		
01756									
PH2-02-6070	002 - Ozone Contactor - Neal/TSI provide Area 2 inserts for Area 2; 01756 Start up Binder	60	6	<mark>90%</mark>	01-Apr-19A	06-Feb-20	83	7 DAY	
PH2-02-6152	002 - Ozone Contactor - 01756-10.2 Area 2 Start up Plan Binder - Assemble & Submit	20	10	50%	20-Jan-20 A	10-Feb-20	55	7 DAY	
01756 PH2-02-6070 PH2-02-6152 PH2-02-6153 START-UP & TR/ PH2-02-7030 PH2-02-7010 PH2-02-7040 PH2-02-7040 PH2-02-7020 PH2-02-7050	002 - Ozone Contactor - 01756-10.2 Area 2 Start up Plan Binder - EOR Review & Approval (R&R 1/20/20)	24	24	0%	11-Feb-20	05-Mar-20	55	7 DAY	´ [
START-UP & TR/	AINING								
PH2-02-7030	002 - Ozone Contactor - Sample Pumps 11217	2	2	0%	19-Feb-20	21-Feb-20	19	5 DAY WEATHER	2
PH2-02-7010	002 - Ozone Contactor - ORT Sample Return Pumps 11217	5	5	0%	21-Feb-20	02-Mar-20	19	5 DAY WEATHER	2
PH2-02-7040	002 - Ozone Contactor - Start up & Test Muniquip 11217 San Sump Pumps (with Raw Water) (SCH FOR 2/4/20)	10	10	0%	19-Feb-20	05-Mar-20	11	5 DAY WEATHER	2
PH2-02-7020	002 - Ozone Contactor - ORT Muniquip 11217 Sanitary Sump Pumps	5	5	0%	05-Mar-20	13-Mar-20	11	5 DAY WEATHER	2
PH2-02-7050	002 - Ozone Contactor - PLC 740 Functional Acceptance Test (FAT)	10	10	0%	23-Mar-20	06-Apr-20	5	5 DAY WEATHER	2
AREA 005 - FL	ASH MIX				1		II		
				00%		00 E 1 00			
PH2-05-2000	005 - Flash Mix - Coats/Paints – Chemical Resistance Coating	20			01-Feb-19A	03-Feb-20	33	5 DAY WEATHER	_
PH2-05-2040	005 - Flash Mix - Roof Appurtenances – Bird Netting	2		-	03-Feb-20	04-Feb-20	22	5 DAY WEATHER	_
PH2-05-2010	005 - Flash Mix - Coats/Paints – Water Repellents	10	1	90%	01-Feb-19A	10-Feb-20	69	5 DAY WEATHER	
MECHANICAL									
PH2-05-4020	005 - Flash Mix - Pipe Insulation	5	5	0%	03-Feb-20	07-Feb-20	69	5 DAY WEATHER	2
ELECTRICAL									
PH2-05-5020	005 - Flash Mix - Install conduit lighting / power devices (Flash Mix/ LDV-1)	10	8	25%	16-Sep-19 A	13-Feb-20	16	5 DAY WEATHER	
PH2-05-5030	005 - Flash Mix - Install lighting / power devices (Flash Mix/ LDV-1)	10	8	25%	16-Jan-20 A	25-Feb-20	16	5 DAY WEATHER	
PH2-05-5105	005 - Flash Mix - ELECTRICAL PUNCH LIST / SHAKEOUT	40	2	95%	15-Jul-19 A	28-Feb-20	16	5 DAY WEATHER	2
PH2-05-5110	005 - Flash Mix - Loop test and check out (ORT)	7	0	95%	03-Dec-19 A	02-Mar-20	16	5 DAY WEATHER	
O&M: TRAINING	& START-UP PLANS								
01756									
PH2-05-6040	005 - Flash Mix - Neal/TSI provide Area 5 inserts for Area 5; 01756 Start up Binder	60	15	750/	01 Apr 10 A	15 Eab 20	20	7 DAY	
		60	<mark>15</mark>	1370	01-Apr-19 A		<mark>39</mark>		
START-UP & TR		ĺ 4		00/			ee (
PH2-05-7035	005 - Flash Mix - Training Monorail (Ops/Maint.)	1	1		03-Feb-20	03-Feb-20	55	5 DAY WEATHER	_
PH2-05-7020	005 - Flash Mix - Operational Readiness Test (ORT)	5	3		06-Jan-20 A	04-Mar-20	16	5 DAY WEATHER	_
PH2-05-7050	005 - Flash Mix - PLC 740 Functional Acceptance Test (FAT) (with Ozone)	10	10	0%	23-Mar-20	06-Apr-20	5	5 DAY WEATHER	2
AREA 006 - FL	LOC / SED								
STRUCTURAL									
PH2-06-1000	006 - Floc/Sed - Grouts – 54"-WW/OF Chamber (7 Days prior to Disinfect)	5	5	0%	04-Mar-20	10-Mar-20	12	5 DAY WEATHER	2
ARCHITECTURA									
PH2-06-2040	– 006 - Floc/Sed - Misc. Metals – Grating	5	0	95%	31-Oct-19 A	03-Feb-20	56	5 DAY WEATHER	
REPAIRS; NCNs	-		Ű	0070		0010020			
PH2-06-3130	006 - Floc/Sed - Washdown & Title 22 Testing & Disinfect Basins (incl Lab & District Approval) (***Tied to NCN #113)	20	2	00%	13-Nov-19 A	04-Feb-20	20		
PH2-00-3130							20	5 DAY WEATHER	-
PH2-06-3050A	006 - Floc/Sed - NCN #0113 - EOR Approval of CAP	30			01-Feb-19A	15-Feb-20	19		_
PH2-06-3050B	006 - Floc/Sed - NCN #0113 – Floc/Sed Overflow Channel Elevation	10	10	0%	18-Feb-20	03-Mar-20	12	5 DAY WEATHER	
		,							
PH2-06-4040	006 - Floc/Sed - Insulate Small Bore	30			04-Feb-19 A	04-Feb-20	19	5 DAY WEATHER	
PH2-06-4020	006 - Floc/Sed - Mech Coatings (Mostly Touch-Ups)	5	5	0%	04-Feb-20	11-Feb-20	50	5 DAY WEATHER	
ELECTRICAL									
PH2-06-5090	006 - Floc/Sed - Wire & Terminate leak detection/sump control panels / devices	5	0	95%	24-Jun-19 A	03-Feb-20	20	5 DAY WEATHER	2 - 1
PH2-06-5125	006 - Floc/Sed - ELECTRICAL PUNCH LIST / SHAKE OUT	40	2	95%	01-Jul-19 A	04-Feb-20	34	5 DAY WEATHER	
PH2-06-5100	006 - Floc/Sed - Install CCTV conduit / equipment	2	2	0%	03-Feb-20	05-Feb-20	30	5 DAY WEATHER	
PH2-06-5110	006 - Floc/Sed - Install PA system / special systems panel	5	4	30%	20-May-19 A	10-Feb-20	30	5 DAY WEATHER	2
							·		
DATA DATE: 01-Feb-2	0 Remaining Level of Effort Critical Re					Date		Revision Cl	necked
FINISH DATE: 12-Jun-2	20 Actual Work Milestone	TASK filter: REMA	NING A	CTIVITII	ES.				
RUN DATE: 04-Feb-20	Remaining Work								
	, i i i i i i i i i i i i i i i i i i i								
PH2-06-5100 PH2-06-5110 DATA DATE: 01-Feb-2	006 - Floc/Sed - Install CCTV conduit / equipment 006 - Floc/Sed - Install PA system / special systems panel 0 Remaining Level of Effort	2	2	0% 30%	03-Feb-20 20-May-19 A	05-Feb-20	30	5 DAY WEATHER 5 DAY WEATHER	2

04-Feb-20 21:06 Page 2 of 10

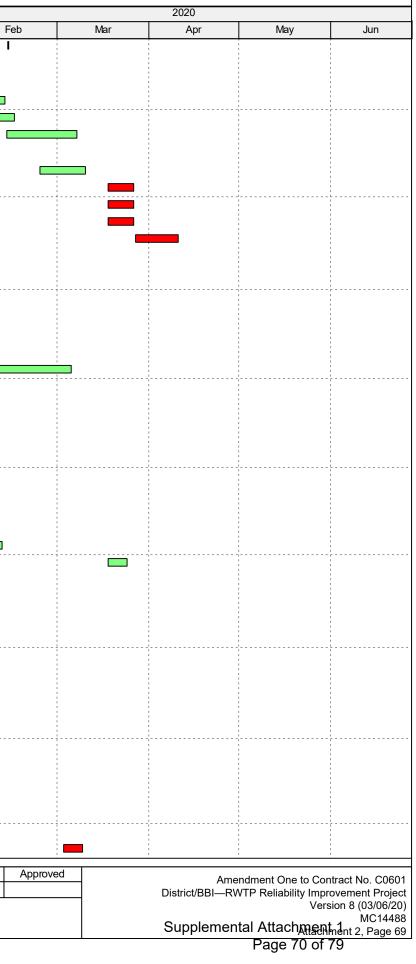


RINCONADA - PROJECT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020

Balfour Beatty Infrastructure Inc.

				•					
Activity ID	Activity Name	OD	RD	PCT Start	Finish	Total Float	Cal	endar	
PH2-06-5130	006 - Floc/Sed - Loop Test and Check Out (ORT)	11	1	95% 04-Dec-19 A	13-Feb-20	12	5 DAY WEA		F
	G & START-UP PLANS	''			1010520		o Bra MER		•
01756						_			
PH2-06-6092	006 - Floc/Sed - 01756-4.3 Area 6 System Start up Plan Binder - Assemble & Submit	20	12	40% 31-Dec-19 A	12-Feb-20	53		' DAY	_
PH2-06-6040	006 - Floc/Sed - Neal/TSI provide Area 6 inserts for Area 6; 01756 Start up Binder	20 60	12	75% 01-Apr-19 A	12-Feb-20	53 53			
PH2-06-6093	006 - Floc/Sed - 01756-4.3 Area 6 System Start up Plan Binder - EOR Review & Approval (R&R 12/31/2019)	24	24	0% 13-Feb-20	07-Mar-20	53	<u> </u>	Z DAY	
START-UP & TR		24	24	076 13-1-60-20	07-101-20	55		DAT	
PH2-06-7050	006 - Floc/Sed - Start up & Test Muniquip 11217 Pumps (Copi ORT) (SCH FOR 2/4/2020)	10	10	0% 24-Feb-20	10-Mar-20	7	5 DAY WEA		
PH2-06-7050 PH2-06-7060	006 - Floc/Sed - Start up / Test /Train Plate Settlers - ORT per 11277-1.1 (Ops/Maint.) (SCH FOR 3/25 & 3/26/2020)	10	10 6	40% 05-Nov-19 A	26-Mar-20	2	5 DAY WEA		
PH2-06-7080	006 - Floc/Sed - Start up / Test / Train Sludge Collectors - ORT per 11350 (Maint.) (SCH FOR 3/25 & 3/26/2020)	10	6	40% 05-Nov-19A	26-Mar-20	2	5 DAY WEA		
PH2-06-7080A	006 - Floc/Sed - Start up / Test / Train Sludge Collectors - ORT per 11350 (Ops) (SCH FOR 3/25 & 3/26/2020)	10	6	40% 05-Nov-19A	26-Mar-20	2	5 DAT WEA		
PH2-06-7100	006 - Floc/Sed - PLC 740 Functional Acceptance Test (FAT)	10	10	0% 27-Mar-20	10-Apr-20	2	5 DAT WEA		
		10	10	070 27-101-20	10-Api-20	2	J DAI WLA		
	VASHWATER								
STRUCTURAL									
PH2-08-1040	008 - Washwater - OF Channel Sloping Grout	5	5	0% 03-Feb-20	07-Feb-20	26	5 DAY WEA	THER	1
PH2-08-2000	008 - Washwater - Misc. Metals – Anti-Vortex Cover	2	2	0% 03-Feb-20	04-Feb-20	54	5 DAY WEA	THER	
REPAIRS; NCN	s; MISC								
PH2-08-3070	008 - Washwater - NCN #0155 - WWRF VTP vs. Wall Clearances CAP Prep/Submit	30	21	30% 02-Oct-19 A	05-Mar-20	35	5 DAY WEA	THER 🗖 🗖	
MECHANICAL									
PH2-08-4010	008 - Washwater - Mech Coatings	5	3	50% 31-Jan-20 A	05-Feb-20	28	5 DAY WEA	THER 🛛 🗖	
PH2-08-4040	008 - Washwater - Mech Button Up	10	1	90% 08-Jul-19 A	07-Feb-20	25	5 DAY WEA	THER	1
PH2-08-4030	008 - Washwater - Small Bore Insulate	5	5	0% 03-Feb-20	07-Feb-20	25	5 DAY WEA	THER 🗖	I
ELECTRICAL									
PH2-08-5090	008 - Washwater - Install CCTV conduit / equipment	2	1	50% 09-Sep-19A	03-Feb-20	24	5 DAY WEA	THER 🗖 🛛	
PH2-08-5125	008 - Washwater - ELECTRICAL PUNCH LIST / SHAKEOUT	40	4	90% 01-Jul-19 A	07-Feb-20	24	5 DAY WEA	THER 🗖 🗖	J
PH2-08-5130	008 - Washwater - Loop test and check out (ORT)	12	1	95% 02-Oct-19 A	10-Feb-20	24	5 DAY WEA	THER	Т
START-UP & TR	RAINING								
PH2-08-7031	008 - Washwater - ORT 11217 Sump Pumps	5	1	80% 04-Nov-19 A	11-Feb-20	24	5 DAY WEA	THER	
PH2-08-7044	008 - Washwater - PLC 720 Functional Acceptance Test (FAT)	5	5	0% 18-Mar-20	24-Mar-20	3	5 DAY WEA	THER	
AREA 013 - E	ELECTRICAL PAD								
STRUCTURAL									
PH2-13-1000	013 - Electrical Pad - Concrete Finishing – Rubbed Finish	2	2	0% 03-Feb-20	04-Feb-20	73	5 DAY WEA	THER D	
PH2-13-1010	013 - Electrical Pad - Grouts – Electrical & Walkway Items	5	5	0% 03-Feb-20	07-Feb-20	14	5 DAY WEA		1
ARCHITECTUR							-		
STRUCTURAL PH2-13-1000 PH2-13-1010 ARCHITECTUR PH2-13-2000	013 - Electrical Pad - Misc. Metals – Cable Trench Cover Plates	1	0	75% 01-Aug-19 A	03-Feb-20	56	5 DAY WEA	THER	
REPAIRS; NCN				i o i o i o i o i o i o i o i o i o i o			0 2/11 1123		
PH2-13-3010	013 - Electrical Pad - NCN #0102 – Area 13 and Area 16 Electrical Enclosure Installation	5	5	0% 03-Feb-20	07-Feb-20	51	5 DAY WEA	THER	1
ELECTRICAL				070 001 00 20	0110520	01	o Bra MER		,
PH2-13-5190A	013 - Electrical Pad - Loop Test and Check Out (ORT)	14	1	95% 30-Sep-19 A	03-Feb-20	9	5 DAY WEA		
PH2-13-5150	013 - Electrical Pad - Install CCTV conduit / equipment	5	1	75% 12-Jul-19 A	03-1 eb-20 04-Feb-20	16	5 DAT WEA		
PH2-13-5160	013 - Electrical Pad - Install Conv condult / equipment	6	2	75% 01-Jun-19A	05-Feb-20	16	5 DAY WEA		
PH2-13-5185	013 - Electrical Pad - ELECTRICAL PUNCH LIST / SHAKEOUT	40	4	90% 03-Jun-19 A	06-Feb-20	15			
PH2-13-5190B	013 - Electrical Pad - Loop Test and Check Out (ORT) - EGEN 2 / EGEN 3	40	0	95% 27-Jan-20 A	00-1 CD-20 07-Feb-20	15	5 DAY WEA		I
PH2-13-4060	013 - Fuel Oil System - Loop Test and Check Out (ORT)	5	0	95% 09-Jan-20 A	10-Feb-20	14	5 DAY WEA		 I
PH2-13-5200	013 - Electrical Pad - Functional Acceptance Test (FAT) (POPS-171) (Revised to 3/3/2020 TO 3/9/2020)	5	5	0% 03-Mar-20	09-Mar-20	1	5 DAY WEA		•
			-			· · · · ·			
DATA DATE: 01-Feb-	20 Remaining Level of Effort Critical Re				Date		Revision	Checked	\rightarrow
FINISH DATE: 12-Jun	-20 Actual Work	TASK filter: REMAIN	ING AC	TIVITIES.					
RUN DATE: 04-Feb-2	⁰ Remaining Work								

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RINCONADA - PROJECT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020 **Balfour Beatty Infrastructure** Inc. Activity ID Activity Name PCT Start Calendar OD RD Finish Total Float **O&M: TRAINING & START-UP PLANS** 13123 013 - Electrical Pad - Power Equip & Control Enclosures - 13123-5.10 - Prepare & Resubmittal 40% 22-Jan-20 A 12-Feb-20 PH2-13-0015 12 6 7 DAY 20 0% 13-Feb-20 7 DAY PH2-13-0016 013 - Electrical Pad - Power Equip & Control Enclosures - 13123-5.10 - EOR Review & Approval 14 14 26-Feb-20 6 13410 013 - Electrical Pad - PLC 720 FAT Test Plan (13490-15.1) - Prepare & Resubmittal (EST 2/7/2020) 7 82.5% 27-Dec-19 A 07-Feb-20 7 DAY PH2-13-7081 40 10 PH2-13-7082 013 - Electrical Pad - PLC 720 FAT Test Plan (13490-15.1) - EOR Review & Approval 14 14 0% 08-Feb-20 21-Feb-20 10 7 DAY 15590 PH2-13-6002 013 - Electrical Pad - Fuel Tank and System 15590-12.2 - O&M - Prepare & Submittal 40% 21-Jan-20 A 12-Feb-20 7 DAY 20 12 38 38 7 DAY PH2-13-6022 013 - Electrical Pad - Fuel Tank and System - 15590-11.1 - Start up Plans - Prepare & Submittal 20 40% 24-Jan-20 A 12-Feb-20 12 PH2-13-6003 013 - Electrical Pad - Fuel Tank and System 15590-12.2 - O&M - EOR Review & Approval 24 24 0% 13-Feb-20 07-Mar-20 38 7 DAY 013 - Electrical Pad - Fuel Tank and System - 15590-11.1 - Start up Plans - EOR Review & Approval 38 7 DAY PH2-13-6023 24 24 0% 13-Feb-20 07-Mar-20 16230 PH2-13-6174 013 - Electrical Pad - Diesel Gen-Standby 3250 Kw (EGEN-2) - 16230-10.5 - O&M - Prepare & Re-Submit 12 40% 30-Jan-20 A 12-Feb-20 7 DAY 20 38 PH2-13-6175 013 - Electrical Pad - Diesel Gen-Standby 3250 Kw (EGEN-2) - 16230-10.5 - O&M - EOR Review & Approval 24 24 0% 13-Feb-20 07-Mar-20 38 7 DAY **16350 - MEDIUM VOLTAGE SWITCHGEAR** 013 - Electrical Enclosure - Switchgear, Protect Relaying - 16350-10.3 - Training Plan - Prepare & Re-Submit 0% 26-Nov-19 A 20-Feb-20 7 DA PH2-13-6276 20 31 013 - Electrical Enclosure - Switchgear, Protect Relaying - 16350-10.3 - Training Plan - EOR Review & Approval 0% 21-Feb-20 7 DAY PH2-13-6277 24 24 15-Mar-20 31 START-UP & TRAINING PH2-13-7031 013 - Electrical Pad - Ph 2 Process Instrumentation Training - 13410-85 (SCH FOR 2/11 & 2/12/2020) 2 2 0% 03-Feb-20 05-Feb-20 38 5 DAY WEATHER PH2-13-7032 013 - Electrical Pad - Ph 2 Control Panels Training - 134 10-87 (SCH FOR 2/11 & 2/12/2020) 2 0% 05-Feb-20 07-Feb-20 38 5 DAY WEATHER 2 PH2-13-7033 013 - Electrical Pad - Ph 2 Programming Training - 13410 2 2 0% 07-Feb-20 11-Feb-20 38 5 DAY WEATHER 013 - Electrical Pad - Ph 2 HMI Training - 134 10-92 38 5 DAY WEATHER PH2-13-7033A 2 2 0% 07-Feb-20 11-Feb-20 PH2-13-7034 013 - Electrical Pad - Misc Electrical Equipment 16145 - Training (Maint) 2 2 0% 11-Feb-20 14-Feb-20 38 5 DAY WEATHER Г PH2-13-7020 013 - Electrical Pad - Fuel Tank and System -15590- Training (Ops/Maint.) 2 2 0% 09-Mar-20 10-Mar-20 32 5 DAY WEATHER 5 24 5 DAY WEATHER PH2-13-7000 013 - Electrical Pad - Fuel Tank and System - ORT 5 16-Mar-20 0% 09-Mar-20 21 5 DAY WEATHER PH2-13-7037 013 - Electrical Enclosure - Switchgear, Protect Relaying - 16350-10 - Training (Maint.) 2 2 0% 16-Mar-20 17-Mar-20 PH2-13-7037A 013 - Electrical Enclosure - Switchgear, Protect Relaying - 16350-10 - Training (Ops) 2 2 0% 18-Mar-20 19-Mar-20 21 5 DAY WEATHER 24 5 DAY WEATHER PH2-13-7040 013 - Electrical Pad / Fuel System - PLC 720 Functional Acceptance Test (FAT) 5 5 0% 17-Mar-20 23-Mar-20 PH2-13-7038 013 - Electrical Pad - Unit Substation 16360 - Training (Maint.) 2 2 0% 20-Mar-20 23-Mar-20 21 5 DAY WEATHER PH2-13-7039 013 - Electrical Pad - 480V Switchgear 16436 - Training (Maint) 2 2 0% 24-Mar-20 26-Mar-20 21 5 DAY WEATHER 27-Mar-20 PH2-13-7039.1 013 - Electrical Pad - MCC's 16442 - Training (Maint.) 1 1 0% 27-Mar-20 21 5 DAY WEATHER **AREA 016 - ELECTRICAL ENCLOSURE** STRUCTURAL PH2-16-1000 016 - Electrical Enclosure - Grouts – Electrical Items 5 5 0% 03-Feb-20 07-Feb-20 12 5 DAY WEATHER **REPAIRS; NCNs; MISC** 5 1 75% 03-Dec-19 A 04-Feb-20 16 5 DAY WEATHER PH2-16-3000 016 - Electrical Enclosure - NCN # 102 – Area 13 and Area 16 Electrical Enclosure Installation **ELECTRICAL** PH2-16-5090 016 - Electrical Enclosure - Fiber Optic Test check out verify link to SCADA 4 0 95% 16-Aug-19 A 03-Feb-20 17 5 DAY WEATHER 4 5 DAY WEATHER PH2-16-5085.1 016 - Electrical Enclosure - PLC 740 Punchlist 7 0 95% 14-Nov-19 A 03-Feb-20 12 16 5 DAY WEATHER PH2-16-5030 016 - Electrical Enclosure - Wire & Terminations UPS/ Battery 1 95% 24-Oct-19 A 03-Feb-20 PH2-16-5100 016 - Electrical Enclosure - Install CCTV conduit / equipment 3 80% 29-Jul-19 A 03-Feb-20 34 5 DAY WEATHER 1 016 - Electrical Enclosure - PLC 740 Program Install ORT Prep (EST 12/16 - 12/20; PART 2 1/6 TO 1/17/2020) 29 5 DAY WEATHER PH2-16-5085.2 20 1 95% 02-Dec-19 A 04-Feb-20 PH2-16-5086 016 - Electrical Enclosure - PLC 740 Program Simulation Completed & Installed (Target 1/17/2020) 0 0 0% 04-Feb-20 29 5 DAY WEATHER • 34 5 DAY WEATHER PH2-16-5110 016 - Electrical Enclosure - Install PA system / special systems panel 4 1 75% 07-Aug-19A 04-Feb-20 PH2-16-5135 016 - Electrical Enclosure - ELECTRICAL PUNCH LIST / SHAKE OUT 40 4 90% 03-Jun-19 A 06-Feb-20 17 5 DAY WEATHER 🛄 🔲 PH2-16-5140 12 12 5 DAY WEATHER 016 - Electrical Enclosure - Loop Test and Check out (ORT) 3 75% 02-Dec-19A 13-Feb-20 Date Revision Checked Remaining Level of Effort DATA DATE: 01-Feb-20 Critical Re. FINISH DATE: 12-Jun-20 Actual Work Milestone TASK filter: REMAINING ACTIVITIES. RUN DATE: 04-Feb-20 Remaining Work

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			Supplemen	tal Attachment	nent 2, Page 70
				tal Attachmen Page 71 of	79
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	ECT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020	Balfo Infrastru			y				
)	Activity Name	O	D F	2D	PCT Start		Finish	Total Float	Calendar
	G & START-UP PLANS							Tiout	
,	6 & START-UP PLANS								
3123				10	50% 04 N	10.4		05	
PH2-16-6213	016 - Electrical Enclosure - Power Equip & Control Enclosures - 13123-7.8 - Prepare & Re-Submit		_		50% 21-Nov		10-Feb-20	25	7 DAY
PH2-16-6214	016 - Electrical Enclosure - Power Equip & Control Enclosures - 13123-7.8 - EOR Review & Approval	24	4	24	0% 11-Feb	-20	05-Mar-20	<mark>25</mark>	7 DAY
3490		· · · · · · · · · · · · · · · · · · ·							
PH2-06-6250	PLC 740 Functional Acceptance Test Plan - Prepare & Submit	14		14	0% 22-Feb		06-Mar-20	10	7 DAY
PH2-06-6260	PLC 740 Functional Acceptance Test Plan - EOR Review & Approval	14	4	14	0% 07-Ma	-20	20-Mar-20	10	7 DAY
6290									
PH2-16-6050	016 - Electrical Enclosure - Power Measurement & Monitoring - 16290 - O&M's - Prepare & Submittal	60	_		33% 01-Feb		04-Feb-20	31	7 DAY
PH2-16-6060	016 - Electrical Enclosure - Power Measurement & Monitoring - 16290 - Start up & Testing Plan - Prepare		_	-	33% 01-Feb		04-Feb-20	31	7 DAY
PH2-16-6070	016 - Electrical Enclosure - Power Measurement & Monitoring - 16290 - Training Plan - Prepare & Submitt				33% 01-Feb		04-Feb-20	55	7 DAY
PH2-16-6051	016 - Electrical Enclosure - Power Measurement & Monitoring - 16290 - O&M's - EOR Review & Approval		-	24	0% 05-Feb		28-Feb-20	31	7 DAY
PH2-16-6061	016 - Electrical Enclosure - Power Measurement & Monitoring - 16290 - Start up & Testing Plan - EOR Re		-	_	0% 05-Feb		28-Feb-20	31	7 DAY
PH2-16-6071	016 - Electrical Enclosure - Power Measurement & Monitoring - 16290 - Training Plan - EOR Review & Ap	proval 24	4	24	0% 05-Feb	<mark>-20</mark>	28-Feb-20	<mark>55</mark>	7 DAY
6720				_			· ·		
PH2-16-6092	016 - Electrical Enclosure - Call Paging & Comm - 16720-3.1 - O&M - Prepare & Submittal	2		_	80% 04-Se			31	7 DAY
PH2-16-6093	016 - Electrical Enclosure - Call Paging & Comm - 16720-3.1 - O&M - EOR Review & Approval)	<mark>2</mark> 4	4 (2	24	0% 05-Feb	<mark>-20</mark>	28-Feb-20	<mark>31</mark>	7 DAY
TART-UP & TR	AINING								
H2-16-7030	016 - Electrical Enclosure - Static UPS - 16263 - Training (Ops/Maint.)		2	2	0% 14-Feb	-20	18-Feb-20	42	5 DAY WEATHER
H2-16-7000	016 - Electrical Enclosure - PLC 740 Operational Readiness Test (ORT) - Punch List		5	5	0% 24-Feb	-20	03-Mar-20	7	5 DAY WEATHER
H2-16-7040	016 - Electrical Enclosure - Power Measurement & Monitoring - 16290 - Training (Ops./Maint)		2	2	0% 02-Ma	-20	03-Mar-20	35	5 DAY WEATHER
H2-16-7050	016 - Electrical Enclosure - Call Paging & Communication 16720 - Training (Ops/Maint.)		2	2	0% 04-Ma	-20	05-Mar-20	35	5 DAY WEATHER
H2-16-7010	016 - Electrical Enclosure - PLC 740 Functional Acceptance Test (FAT)	10	0 ·	10	0% 23-Ma	-20	06-Apr-20	5	5 DAY WEATHER
REA 028 - C	CONTROL BLDG / CHEM FACILITIES								
TRUCTURAL									
H2-28-1000	028 - Control Bldg / Chem Facilities - Grouts – Electrical Items	1	5	5	0% 03-Feb	-20	07-Feb-20	60	5 DAY WEATHER
	-			•	0,0 0010	. 20	0110020		o Bra Westmert
H2-28-2000	028 - Control Bldg / Chem Facilities - Misc. Metals – Grating; Platform; and Ladders @ Control Building B	asement Pine Ga	5	5	0% 03-Fet	-20	07-Feb-20	51	5 DAY WEATHER
ECHANICAL			5	5	070 00-1 0	-20	01-1 00-20	51	5 DAT WEATHER
H2-28-4080	028 - Control Bldg / Chem Facilities - Exist 6" San Sewer Redesign	3(0	10 66	67% 01-Fet	10.4	10-Feb-20	45	7 DAY
H2-28-4080	028 - Control Bldg / Chem Facilities - Exist of San Sewer Redesign	10		10 00.	0% 03-Fet		18-Feb-20	45	5 DAY WEATHER
			0	10	0 /0 00-1 et	-20	10-1 65-20	40	3 DAT WEATHER
	2000 - Carster I Dide / Charge Frankling - Filter Cartie Tradicities in a structure if the later COADA			0		. 40. 4	03-Feb-20		5 DAY WEATHER
228-5040 22-28-5020	028 - Control Bldg / Chem Facilities - Fiber Optic Test check out verify link to SCADA 028 - Control Bldg / Chem Facilities - Wire & Terminate Power/ control/ signal/ network	17			95% 25-Nov 95% 10-Sep		03-Feb-20 03-Feb-20	9	5 DAY WEATHER
H2-28-5020								40	
H2-28-5030	028 - Control Bldg / Chem Facilities - Active Harmonic Filters MCC-11A/B and MCC-12A/B	1(_		10% 29-Nov		18-Feb-20	40	5 DAY WEATHER
	028 - Control Bldg / Chem Facilities - ELECTRICAL PUNCH LIST / SHAKEOUT 028 - Control Bldg / Chem Facilities - Security Systems	4(70% 30-Sep		21-Feb-20	52	5 DAY WEATHER
H2-28-5050			5	5	0% 18-Feb		25-Feb-20	40	5 DAY WEATHER
228-5060 22-28-5070	028 - Control Bldg / Chem Facilities - Install Fire Alarm Devises / Terminate FACP 028 - Control Bldg / Chem Facilities - Install PA system / special systems panel		5	5 5	0% 25-Feb 0% 04-Ma		04-Mar-20 12-Mar-20	40	5 DAY WEATHER 5 DAY WEATHER
H2-28-5070 H2-28-5025	028 - Control Bldg / Chem Facilities - Install PASystem / Special Systems parter		5 5	5	0% 04-Ma		12-Mar-20	40	5 DAY WEATHER
			5	5	0% 12-IVial	-20	19-11/181-20	40	5 DAT WEATHER
•	O #424 / CDC #216) - PLC #700 INSUFFICIENT MEMORY		c .	1 00	220/ 27 1	20.4	01 545 00		7 5 4 1
CDC-217-0065	CDC #217 - PROGRAMMING - PLC 700 / 710 PUNCHLIST (EST START 1/27/2020)		6		33% 27-Jar		01-Feb-20	1	7 DAY
CDC-217-0060	CDC #217 - PROGRAMMING - ONSITE SIMULATION TESTING - (PART #1 1/6 TO 1/17/2020; PART #2 1	,	_		87% 06-Jar		05-Feb-20	1	7 DAY
CDC-217-0066	CDC #217 - PROGRAMMING - PLC 700 / 710 SCHEDULE / PREP FOR POPS #171			30	0% 02-Feb		02-Mar-20	1	7 DAY
CDC-217-0070	CDC #217 - PROGRAMMING - PLC 700 / 710 PLANT SHUTDOWN FOR PROGRAM INSTALL & EXIST P CDC #217 - PROGRAMMING - PLC 700 / 710 SCADA SHUTDOWN COMPLETED (MS #6: 3/10/2020)		8 0	8	0% 10-Ma	-20	17-Mar-20 17-Mar-20	2	7 DAY 7 DAY
CDC-217-0080					0%		1 / 1/0 - 00		

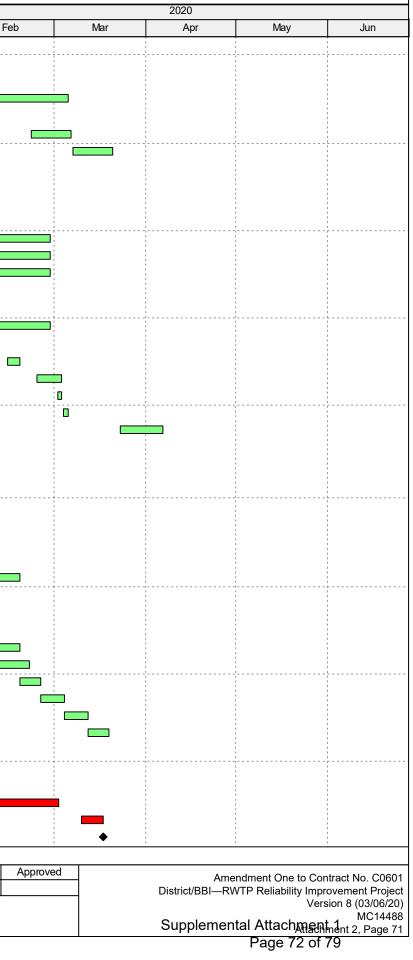
DATA DATE: 01-Feb-20	
FINISH DATE: 12-Jun-20	
RUN DATE: 04-Feb-20	

Ι	Remaining Level of Effort			Critical Re.
	Actual Work	٠	٠	Milestone
	Remaining Work			

TASK filter: REMAINING ACTIVITIES.

Date Revision Checked

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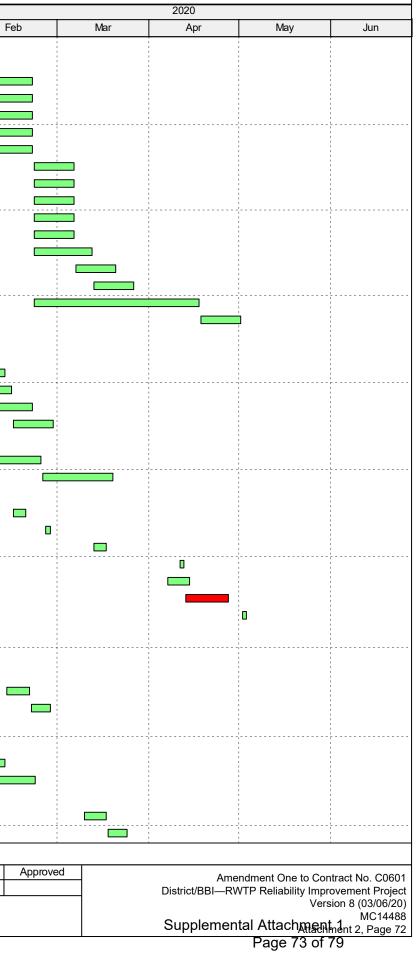
RINCONADA - PROJECT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020

Balfour Beatty Infrastructure Inc.

				i 55	1 507		1			
Activi	y ID	Activity Name		R		Start	Finish	Total Float	Calendar	Fe
	O&M: TRAINING	START-UP PLANS					11			
	13410						· · · · · · · · · · · · · · · · · · ·			
	PH2-28-6080	028 - Ph #2 SCADA OPERATORS O&M Manual (13410-95=TOC) - Prepare & Submittal (EST 2/21,	(2020) 52	21	59.62%	02-Jan-20 A	21-Feb-20	84	7 DAY	
	PH2-28-6100	028 - Ph #2 Software Maintenance O&M Manual (13410-94=TOC) - Prepare & Submittal (EST 2/2'	,			02-Jan-20 A	21-Feb-20	84	7 DAY	
	PH2-28-6120	028 - SCADA Phase 2 Video O&M Manual per 13410-1.12 - Prepare & Submittal (EST 2/21/20)	52			02-Jan-20 A	21-Feb-20	84	7 DAY	
	PH2-28-6140	028 - SCADA Phase 2 Control Logic Simulator O&M Manual - Prepare & Submittal (EST 2/21/20)	52	21	59.62%	02-Jan-20 A	21-Feb-20	84	7 DAY	
	PH2-28-6170	028 - PLC 700 / 710 Ph #2 Operator HMI Training Part 1 PLC 700/710 (13410) - Prepare & Re-Su	bmittal (EST 2/21/2020) 52	21	59.62%	02-Jan-20 A	21-Feb-20	13	7 DAY	
	PH2-28-6090	028 - Ph #2 SCADA OPERATORS O&M Manual (13410-95=TOC) - EOR Review & Approval	14	14	0%	22-Feb-20	06-Mar-20	84	7 DAY	
	PH2-28-6110	028 - Ph #2 Software Maintenance O&M Manual (13410-94=TOC) - EOR Review & Approval	14	14	0%	22-Feb-20	06-Mar-20	84	7 DAY	
	PH2-28-6130	028 - SCADA Phase 2 Video O&M Manual per 13410-1.12 - EOR Review & Approval	14	14	0%	22-Feb-20	06-Mar-20	84	7 DAY	
	PH2-28-6150	028 - SCADA Phase 2 Control Logic Simulator O&M Manual - EOR Review & Approval	14	14	0%	22-Feb-20	06-Mar-20	84	7 DAY	
	PH2-28-6180	028 - PLC 700 / 710 Ph #2 Operator HMI Training Part 1 PLC 700/710 (13410) - EOR Review & Ap	proval 14	14	0%	22-Feb-20	06-Mar-20	13	7 DAY	
	PH2-28-6190	028 - SCADA Phase 2 Operator Training Part 2 Full System (13410) - Prepare & Re-Submittal	20	20	0%	22-Feb-20	12-Mar-20	32	7 DAY	
	PH2-28-6160	0280 - SCADA O&M - Update all 13410 O&M Manuals with As-builts and Submit Final O&M	14	14	0%	07-Mar-20	20-Mar-20	84	7 DAY	
	PH2-28-6260	028 - SCADA Phase 2 Operator Training Part 2 Full System (13410) - EOR Review & Approval	14	14	0%	13-Mar-20	26-Mar-20	32	7 DAY	
	PH2-28-6270	028 - SCADA Phase 2 - Maintenance Training Plan (13410) Prepare & Submittal (EST 4/17/20)	56	56	0%	22-Feb-20	17-Apr-20	26	7 DAY	
	PH2-28-6280	028 - SCADA Phase 2 - Maintenance Training Plan (13410) EOR Review & Approval	14	14	0%	18-Apr-20	01-May-20	26	7 DAY	
	13421							_		
	PH2-28-6240	028 - PLC 700 / 710 FAT Test Plan (CDC 217 affected) - Prepare & Re-Submittal (EST 2/7/2020)	38	7	81.58%	02-Jan-20 A	07-Feb-20	19	7 DAY	
	PH2-28-6210	028 - PLC 700 / 710 / 720 / 740 Integrated Systems Test Procedure - EOR Review & Approval	14	12	14.29%	30-Jan-20 A	12-Feb-20	55	7 DAY	
	PH2-28-6220	028 - PLC 700 / 710 / 720 / 740 Integrated Systems FAT Procedure - Prepare & Submittal (EST 2/	14/2020) 21	14	33.33%	30-Jan-20 A	14-Feb-20	46	7 DAY	
	PH2-28-6250	028 - PLC 700 / 710 FAT Test Plan (CDC 217 affected) - EOR Review & Approval	14	14	0%	08-Feb-20	21-Feb-20	19	7 DAY	
	PH2-28-6230	028 - PLC 700 / 710 / 720 / 740 Integrated Systems FAT Procedure - EOR Review & Approval	14	14	0%	15-Feb-20	28-Feb-20	46	7 DAY	
	01756									
	PH2-28-7100	028 - 01756 Area 28 - Item 30 - Start up Plans Binder - Assemble & Submit (REQUIRED BY NO LA	· · · · ·			27-Jan-20 A	24-Feb-20	5	7 DAY	
	PH2-28-7110	028 - 01756 Area 28 - Item 30 - Start up Plans Binder - EOR Review & Approval	24	24	0%	25-Feb-20	19-Mar-20	63	7 DAY	
	START-UP & TR									
	PH2-28-7000	028 - PLC 700 / 710 / 720 / 740 Integrated Systems Simulation (EST 2/10 to 2/14/2020)	5			15-Feb-20	19-Feb-20	55	7 DAY	
	PH2-28-7006	028 - PLC 700 / 710 Ph #2 Operator HMI Training (13410) - Training #1 (Ops.) (SCH FOR 2/26 & 2	,			26-Feb-20	27-Feb-20	13	7 DAY	
	PH2-28-7010	028 - Pipe Gallery Valves (ORT) / March Shutdown (***Need to Resolve AUMA issue)	5	3		13-Mar-19 A	17-Mar-20	8	5 DAY WEATHER	
	PH2-28-7007	028 - PLC Ph #2 Operator HMI Training (13410) - Training #2 (Ops.) (SCH FOR 4/15 & 4/16/2020)	2	2		11-Apr-20	12-Apr-20	17	7 DAY	
	PH2-28-7020	028 - Functional Acceptance Test (FAT) (Concurrent with 30-Day Acceptance Test)	5		-	07-Apr-20	14-Apr-20	29	5 DAY WEATHER	
	PH2-28-7005	028 - PLC 700 / 710 / 720 / 740 Integrated Systems FAT	10			13-Apr-20	27-Apr-20	2	5 DAY WEATHER	
	PH2-28-7008	028- PLC Ph#2 Maintenance Training (1 34 10) Training during 30 day test	2	2	0%	02-May-20	03-May-20	26	7 DAY	
	AREA 019 - N	FLOC AID								
	ELECTRICAL									
	PH2-19-5070	019 - NI Floc Aid - SCADA Network Connections	2	1		25-Nov-19 A	04-Feb-20	14	5 DAY WEATHER	
	PH2-19-5050	019 - NI Floc Aid - Loop test and check out (ORT)	5			13-Feb-20	20-Feb-20	30	5 DAY WEATHER	
	PH2-19-5080	019 - NI Floc Aid - ELECTRICAL PUNCH LIST / SHAKEOUT	40	4	90%	01-Jul-19 A	27-Feb-20	30	5 DAY WEATHER	
	_	& START-UP PLANS								
	01756									
	PH2-19-6010	019 - NI Floc Aid - Neal/TSI provide Area 24 inserts for Area 24; 01756 Start up Binder	60		80%	01-Apr-19 A	12-Feb-20	<mark>48</mark>	7 DAY	
	PH2-19-6031	019 - NI Floc Aid - 01756-31 Submittal Binder - Start up Plans Binder - EOR Review & Approval	24	22	8.33%	30-Jan-20 A	22-Feb-20	<mark>67</mark>	7 DAY	
	START-UP & TR	AINING								
	PH2-19-7020	019 - NI Floc Aid - Operational Readiness Test (ORT)	5	5	0%	10-Mar-20	17-Mar-20	23	5 DAY WEATHER	
	PH2-19-7060	019 - NI Floc Aid - PLC 700 / 710 Functional Acceptance Test (FAT)	5	5	0%	18-Mar-20	24-Mar-20	23	5 DAY WEATHER	
							Data	-	Povision Ch	ackad

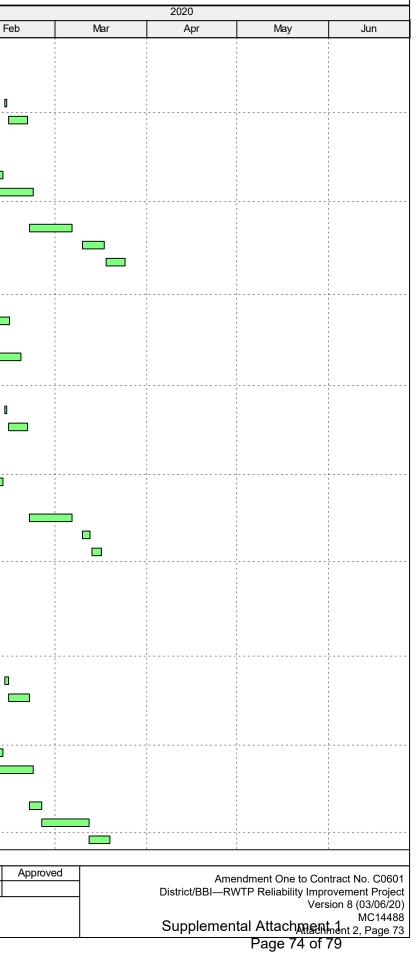
DATA DATE: 01-Feb-20	Remaining Level of Effort	Critical Re		Date	Revision	Checked
FINISH DATE: 12-Jun-20	Actual Work	♦ Milestone				
RUN DATE: 04-Feb-20			TASK filter: REMAINING ACTIVITIES.	1		
KON DATE. OF 100 20	Remaining Work			I		

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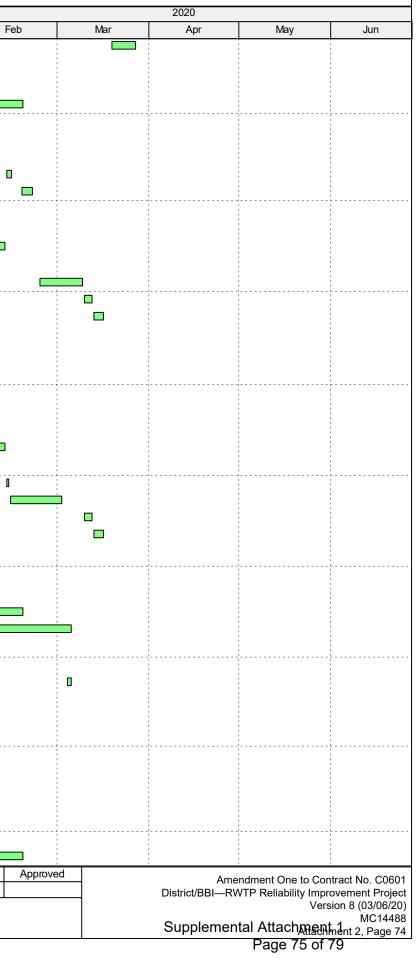
RINCONADA - PROJ	IECT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020		Balfo Infrastr							
Activity ID	Activity Name		C	DR	PC	T Start	Finish	Total Float	Calenda	·
AREA 022 - C	AT POLY					1				<u> </u>
ELECTRICAL										
PH2-22-5110	022 - Cat Poly - SCADA Network Connections			2 2	2 09	6 03-Feb-20	05-Feb-20	14	5 DAY WEATHEF	
PH2-22-5070	022 - Cat Poly - Loop test and check out			1	0%	6 13-Feb-20	13-Feb-20	24	5 DAY WEATHER	2
PH2-22-5080	022 - Cat Poly - ELECTRICAL PUNCH LIST / SHAKEOUT		4	0	90%	6 01-Jul-19 A	20-Feb-20	24	5 DAY WEATHER	
O&M TRAINING	G & START-UP PLANS									
01756										
PH2-22-6000	022 - Cat Poly - Neal/TSI provide Area 22 inserts for Area 22; 01756 Start up Binder		(C	<u>io</u> 12	2 80%	6 01-Apr-19 A	12-Feb-20	<mark>39</mark>	7 DAY	
PH2-22-6011	022 - Cat Poly - 01756-31 Submittal Binder - Start up Plans Binder - EOR Review & Appro	oval	2	24 22	8.33%	6 30-Jan-20 A	22-Feb-20	67	7 DAY	
START-UP & TR	AINING									
PH2-22-7010	022 - Cat Poly - Area Start up (w/SCADA)		1	0 10	0%	6 21-Feb-20	06-Mar-20	24	5 DAY WEATHER	2
PH2-22-7030	022 - Cat Poly - Operational Readiness Test (ORT)			5	5 0%	6 10-Mar-20	17-Mar-20	23	5 DAY WEATHER	2
PH2-22-7040	022 - Cat Poly - PLC 700 / 710 Functional Acceptance Test (FAT)			5	5 0%	6 18-Mar-20	24-Mar-20	23	5 DAY WEATHER	2
AREA 024 - L	IQUID ALUM									
ARCHITECTUR										
PH2-24-2030	024 - Liquid Alum - FRP		1	0	109	6 15-Apr-19 A	14-Feb-20	47	5 DAY WEATHER	
MECHANICAL					10,				0 27 11 11 22 11 121	
PH2-24-4100	024 - Liquid Alum - Close-Out Pipe Support Submittals/ Mechanical Button Up			0 10	75%	6 02-Dec-19 A	18-Feb-20	6	5 DAY WEATHER	
ELECTRICAL							101.02.20	, , , , , , , , , , , , , , , , , , ,	0 27 11 11 22 11 12	
PH2-24-5100	024 - Liquid Alum - SCADA Network Connections			2	0%	6 03-Feb-20	05-Feb-20	14	5 DAY WEATHER	2
PH2-24-5060	024 - Liquid Alum - Loop test and check out			1		6 13-Feb-20	13-Feb-20	4	5 DAY WEATHER	_
PH2-24-5070	024 - Liquid Alum - ELECTRICAL PUNCH LIST / SHAKEOUT			0 4		6 01-Jul-19 A	20-Feb-20	4	5 DAY WEATHER	_
O&M: TRAINING	G & START-UP PLANS									
01756										
PH2-24-6000	024 - Liquid Alum - Neal/TSI provide Area 24 inserts for Area 24; 01756 Start up Binder		Í	<u>60</u>	80%	6 01-Apr-19 A	12-Feb-20	7	7 DAY	
START-UP & TR										
PH2-24-7000	024 - Liquid Alum - Area Start up (w/SCADA)		1	0 10	0%	6 21-Feb-20	06-Mar-20	4	5 DAY WEATHER	2
PH2-24-7010	024 - Liquid Alum - Operational Readiness Test (ORT) (***During March ShutDown)			2 2		6 10-Mar-20	12-Mar-20	3	5 DAY WEATHER	_
PH2-24-7020	024 - Liquid Alum - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March Shi	utDown)		2 2		6 13-Mar-20	16-Mar-20	3	5 DAY WEATHER	_
AREA 025 - O		,						I.		
MECHANICAL										
PH2-25-4020	025 - OCL Room - Button Up Mechanical			5 !	5 0%	6 03-Feb-20	07-Feb-20	51	5 DAY WEATHER	
ELECTRICAL	023 - OCL Room - Button op Mechanica			5	07	003-Feb-20	07-Feb-20	51	5 DAT WEATHER	
PH2-25-5110	025 - OCL Room - SCADA Network Connections			2 4		6 03-Feb-20	05-Feb-20	14	5 DAY WEATHER	
PH2-25-5060	025 - OCL Room - Energize test and check out			2 2		6 24-Apr-19 A	05-Feb-20	26	5 DAY WEATHER	
PH2-25-5070	025 - OCL Room - Loop test and Check out (ORT)			3 2		6 27-Jan-20 A	14-Feb-20	20	5 DAY WEATHER	_
PH2-25-5080	025 - OCL Room - ELECTRICAL PUNCH LIST / SHAKEOUT			0 4		6 01-Jul-19 A	21-Feb-20	22	5 DAY WEATHER	_
	G & START-UP PLANS						2110520			
01756										
PH2-25-6000	025 - OCL Room - Neal/TSI provide Area 25 inserts for Area 25; 01756 Start up Binder		Í	6 <mark>0 1</mark> 2	800	6 01-Apr-19 A	12-Feb-20	<mark>35</mark>	7 DAY	
PH2-25-6091	025 - OCL Room - 01756-31 Submittal Binder - EOR Review & Approval			24 22		6 30-Jan-20 A		67		
START-UP & TR					0.007	00 001 2071		01		
PH2-25-7000	025 - OCL Room - Chem Feed Equip Start-up			0	800	6 30-Apr-19 A	25-Feb-20	22	5 DAY WEATHER	
PH2-25-7000 PH2-25-7010	025 - OCL Room - Area Start up (w/SCADA)			0 10		25-Feb-20	12-Mar-20	22	5 DAY WEATHER 5 DAY WEATHER	
PH2-25-7020	025 - OCL Room - Operational Readiness Test (ORT)			5 4		6 12-Mar-20	12-Mar-20	22	5 DAY WEATHER	
					3,					
DATA DATE: 01-Feb-2	20 Remaining Level of Effort	Critical Re					Date		Revision C	hecked
FINISH DATE: 12-Jun-		♦ Milestone			OTU	Te				
RUN DATE: 04-Feb-20		÷	TASK filter: REM	AINING .	ACTIVIT	E3.				

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	CT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020		Balf Infrast							
ctivity ID	Activity Name			OD	RD	PCT Start	Finish	Total Float	Calendar	
PH2-25-7030	l 025 - OCL Room - PLC 700 / 710 Functional Acceptance Test (FAT)			5	5	0% 19-Mar-20	27-Mar-20	22	5 DAY WEATHER	
AREA 026 - NI										
MECHANICAL										
PH2-26-4000	026 - NI Filter Aid - Button Up Mechanical			10	10	0% 03-Feb-20	18-Feb-20	46	5 DAY WEATHER	
ELECTRICAL				10	10	070 004 60-20	10-1 eb-20	40	5 DAT WEATHER	
PH2-26-5060	026 - NI Filter Aid - Energize test and check out			2	2	0% 03-Feb-20	04-Feb-20	8	5 DAY WEATHER	
PH2-26-5110	026 - NI Filter Aid - SCADA Network Connections			2	2	0% 03-Feb-20	04-1 eb-20 05-Feb-20	14	5 DAY WEATHER	
PH2-26-5070	026 - NI Filter Aid - Point to point / Loop test and check out			2	2	0% 13-Feb-20	14-Feb-20	3	5 DAY WEATHER	-
	026 - NI Filter Aid - ELECTRICAL PUNCH LIST / SHAKEOUT			40	4	90% 01-Jul-19 A	21-Feb-20	3	5 DAY WEATHER	
	& START-UP PLANS			-			_	_		
01756										
PH2-26-6000	026 - NI Filter Aid - Neal/TSI provide Area 26 inserts for Area 26; 01756 Start up Binder			60	12	80% 01-Apr-19 A	12-Feb-20	6	7 DAY	
START-UP & TRA										
PH2-26-7000	026 - NI Filter Aid - Area Start up (w/SCADA)			10	10	0% 24-Feb-20	09-Mar-20	3	5 DAY WEATHER	
PH2-26-7010	026 - NI Filter Aid - Operational Readiness Test (ORT) (***During March ShutDown)			2	2	0% 10-Mar-20	12-Mar-20	3	5 DAY WEATHER	
PH2-26-7020	026 - NI Filter Aid - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown)			2	2	0% 13-Mar-20	16-Mar-20	3	5 DAY WEATHER	
AREA 027 - PA								II		
ELECTRICAL										
PH2-27-5050	027 - PAC - SCADA Network Connections			2	2	0% 03-Feb-20	05-Feb-20	14	5 DAY WEATHER	
	027 - PAC - ELECTRICAL PUNCH LIST / SHAKEOUT			40	4	90% 01-Jul-19 A	05-reb-20 06-Feb-20	11		
	& START-UP PLANS			-0	-	3070 01-90F13 A	00-1 00-20	11	J DAT WEATHER	
01756										
PH2-27-6000	027 - PAC - Neal/TSI provide Area 27 inserts for Area 27; 01756 Start up Binder			60	12	80% 01-Apr-19 A	12-Feb-20	14	7 DAY	
START-UP & TRA				00		00 % 01-Api-19 A		14		
					1	0% 13-Feb-20				
				1			12 Eab 20	0		
PH2-27-7000	027 - PAC - Area Start up (Coriolis COPI)			1			13-Feb-20	8	-	
PH2-27-7010	027 - PAC - Area Start up (WSCADA)			1 10 2	10	0% 14-Feb-20	02-Mar-20	8	5 DAY WEATHER	
PH2-27-7010 PH2-27-7030	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown)			2	10 2	0% 14-Feb-20 0% 10-Mar-20	02-Mar-20 12-Mar-20	8	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown)				10	0% 14-Feb-20	02-Mar-20	8	5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown)			2	10 2	0% 14-Feb-20 0% 10-Mar-20	02-Mar-20 12-Mar-20	8	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS			2	10 2	0% 14-Feb-20 0% 10-Mar-20	02-Mar-20 12-Mar-20	8	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an ce Test (FAT) (***During March ShutDown) BANKS			2	10 2 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20	02-Mar-20 12-Mar-20 16-Mar-20	8 3 3	5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an œ Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1			2 2 10	10 2 2 10	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20	02-Mar-20 12-Mar-20 16-Mar-20 18-Feb-20	8 3 3 3	5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an ce Test (FAT) (***During March ShutDown) BANKS			2	10 2 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20	02-Mar-20 12-Mar-20 16-Mar-20	8 3 3	5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an œ Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV1 (INCL Cure Time)			2 2 10 30	10 2 2 10 21	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Mar-20 30% 03-Feb-20 30% 03-Jun-19 A	02-Mar-20 12-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20	8 3 3 3 46 5	5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an œ Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV 1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire			2 2 10 30 5	10 2 2 10 21 10	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A	02-Mar-20 12-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20	8 3 3 3 46 5 23	5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV 1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT			2 2 10 30	10 2 2 10 21	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Mar-20 30% 03-Feb-20 30% 03-Jun-19 A	02-Mar-20 12-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20	8 3 3 3 46 5	5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an œ Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV 1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT s & PULL BOXES			2 2 10 30 5	10 2 2 10 21 10	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A	02-Mar-20 12-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20	8 3 3 3 46 5 23	5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an œ Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV 1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT s & PULL BOXES AL			2 2 10 30 5 30	10 2 2 10 21 10 21 2 1 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A	02-Mar-20 12-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20 05-Mar-20	8 3 3 3 46 5 23	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an œ Test (FAT) (***During March ShutDown) 3ANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT s & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2			2 2 10 30 5 30	10 2 2 10 21 21 21 2 1 2 1 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A	02-Mar-20 12-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20 05-Mar-20	8 3 3 3 4 6 5 2 3 5 7	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020 PH2-CD-2030	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten ances – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV 1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAK EOUT s & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2 Chem Duct/Vaults - FRP – LDV #3			2 2 10 30 5 30 10 10	10 2 2 10 21 10 21 2 1 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A 90% 01-Feb-19 A	02-Mar-20 12-Mar-20 16-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20 05-Mar-20 05-Mar-20 03-Feb-20 03-Feb-20	8 3 3 3 4 6 5 2 3 5 7 7 8 8	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020 PH2-CD-2030 PH2-CD-2050	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an œ Test (FAT) (***During March ShutDown) 3ANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT s & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2			2 2 3 10 30 5 30 30 10 10 10	10 2 2 10 21 21 21 2 1 2 1 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A	02-Mar-20 12-Mar-20 16-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 05-Mar-20 05-Mar-20 03-Feb-20 03-Feb-20 03-Feb-20	8 3 3 3 4 6 5 2 3 5 7	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020 PH2-CD-2030	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Accept an œ Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV 1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT s & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2 Chem Duct/Vaults - FRP – LDV #3 Chem Duct/Vaults - FRP – PB #1			2 2 10 30 5 30 10 10	10 2 2 10 21 21 21 2 1 2 1 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Keb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A 90% 01-Feb-19 A 90% 01-Feb-19 A	02-Mar-20 12-Mar-20 16-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20 05-Mar-20 03-Feb-20 03-Feb-20 03-Feb-20 03-Feb-20 03-Feb-20 03-Feb-20 03-Feb-20 03-Feb-20 03-Feb-20	8 3 3 3 4 6 5 2 3 5 7 7 8 8	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020 PH2-CD-2030 PH2-CD-2050 PH2-CD-2050 PH2-CD-2050 PH2-CD-2050	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV 1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT s & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2 Chem Duct/Vaults - FRP – LDV #3 Chem Duct/Vaults - FRP – PB #1 Chem Duct/Vaults - FRP – PB #2			2 2 10 30 30 10 10 10 10	10 2 2 10 21 21 21 2 1 2 1 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A	02-Mar-20 12-Mar-20 16-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20 05-Mar-20 03-Feb-20	8 3 3 3 4 6 5 2 3 5 7 7 8 8	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020 PH2-CD-2030 PH2-CD-2050 PH2-CD-2050 PH2-CD-2060 PH2-CD-2070	027 - PAC - Area Start up (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App ut en an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAK EOUT s & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2 Chem Duct/Vaults - FRP – PB #1 Chem Duct/Vaults - FRP – PB #3			2 2 3 10 30 5 30 10 10 10 10 10 10	10 2 2 10 21 21 21 2 1 2 1 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A	02-Mar-20 12-Mar-20 16-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20 05-Mar-20 03-Feb-20	8 3 3 3 4 6 5 2 3 5 7 7 8 8	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020 PH2-CD-2030 PH2-CD-2050 PH2-CD-2050 PH2-CD-2060 PH2-CD-2070 PH2-CD-2080	027 - PAC - Area Start u p (WSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App ut en an œs – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV 1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT s & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2 Chem Duct/Vaults - FRP – DV #3 Chem Duct/Vaults - FRP – PB #1 Chem Duct/Vaults - FRP – PB #4			2 2 3 10 30 5 30 10 10 10 10 10 10 10 10	10 2 2 10 21 10 21 1 1 1 1 1 1 1 1 1 1 1	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Feb-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A	02-Mar-20 12-Mar-20 16-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 05-Mar-20 05-Mar-20 03-Feb-20	8 3 3 3 3 4 6 5 5 2 3 5 7 7 8 8 8 7 7 7 7 7 7	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020 PH2-CD-2030 PH2-CD-2050 PH2-CD-2040	027 - PAC - Area Start u p (wSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App urten an ces – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAK EOUT s & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2 Chem Duct/Vaults - FRP – DV #3 Chem Duct/Vaults - FRP – P #1 Chem Duct/Vaults - FRP – P #4 Chem Duct/Vaults - FRP – DV WWRF Chem Duct/Vaults - FRP – LDV WWRF	Critical Re		2 2 3 10 30 5 30 30 10 10 10 10 10 10 10 10 2	10 2 2 10 21 1 1 1 1 1 1 1 1 1 1 1 1 2	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 0% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A	02-Mar-20 12-Mar-20 12-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 04-Feb-20 05-Mar-20 03-Feb-20	8 3 3 3 3 4 6 5 5 7 7 8 8 8 8 7 7 7 7 7 7 7 5 4	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDV ARCHITECTURA PH2-CD-2020 PH2-CD-2030 PH2-CD-2050 PH2-CD-2050 PH2-CD-2060 PH2-CD-2070 PH2-CD-2080 PH2-CD-2045	027 - PAC - Area Start up (WSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App uten an ces – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT \$ & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2 Chem Duct/Vaults - FRP – DV #3 Chem Duct/Vaults - FRP – PB #1 Chem Duct/Vaults - FRP – PB #4 Chem Duct/Vaults - FRP – PB #4 Chem Duct/Vaults - FRP – PB #4 Chem Duct/Vaults - FRP – DV WWRF Chem Duct/Vaults - FRP – LDV WWRF Chem Duct/Vaults - FRP – LDV WWRF Chem Duct/Vaults - FRP – LDV WWRF	Critical Re Milestone		2 2 3 3 3 3 0 3 0 3 0 3 0 3 0 3 0 1 0 1 0 1	10 2 2 10 21 10 21 1 2 1 1 1 1 1 1 1 1 1	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A 90% 03-Feb-20 0% 03-Feb-20 0% 03-Feb-20	02-Mar-20 12-Mar-20 16-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 05-Mar-20 05-Mar-20 05-Mar-20 03-Feb-20 04-Feb-20 04-Feb-20 04-Feb-20	8 3 3 3 3 4 6 5 5 7 7 8 8 8 8 7 7 7 7 7 7 7 5 4	5 DAY WEATHER 5 DAY WEATHER	
PH2-27-7010 PH2-27-7030 PH2-27-7040 CHEM DUCT E LDV-1 ARCHITECTURA PH2-CD-2110 PH2-CD-2000 ELECTRICAL PH2-CD-5040 PH2-CD-5050 REMAINING LDW ARCHITECTURA PH2-CD-2020 PH2-CD-2030 PH2-CD-2030 PH2-CD-2050 PH2-CD-2060 PH2-CD-2070 PH2-CD-2040 PH2-CD-2040	027 - PAC - Area Start up (WSCADA) 027 - PAC - Operational Readiness Test (ORT) (***During March ShutDown) 027 - PAC - PLC 700 / 710 Functional Acceptance Test (FAT) (***During March ShutDown) BANKS AL Chem Duct/Vaults - Roof App uten an ces – Bird Netting @ LDV #1 Chem Duct/Vaults - Coats/Paints – Water Repellents @ LDV1 (INCL Cure Time) LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - Chem Duct/Vaults - Lighting & Wire LDV # 1 - ELECTRICAL PUNCH LIST / SHAKEOUT \$ & PULL BOXES AL Chem Duct/Vaults - FRP – LDV #2 Chem Duct/Vaults - FRP – DV #3 Chem Duct/Vaults - FRP – PB #1 Chem Duct/Vaults - FRP – PB #4 Chem Duct/Vaults - FRP – PB #4 Chem Duct/Vaults - FRP – PB #4 Chem Duct/Vaults - FRP – DV WWRF Chem Duct/Vaults - FRP – LDV WWRF Chem Duct/Vaults - FRP – LDV WWRF Chem Duct/Vaults - FRP – LDV WWRF	Critical Re Milestone	TASK filter: RE	2 2 3 3 3 3 0 3 0 3 0 3 0 3 0 3 0 1 0 1 0 1	10 2 2 10 21 10 21 1 2 1 1 1 1 1 1 1 1 1	0% 14-Feb-20 0% 10-Mar-20 0% 13-Mar-20 0% 13-Mar-20 0% 03-Feb-20 30% 03-Jun-19 A 75% 23-Sep-19 A 95% 28-Oct-19 A 90% 01-Feb-19 A 90% 03-Feb-20 0% 03-Feb-20 0% 03-Feb-20	02-Mar-20 12-Mar-20 16-Mar-20 16-Mar-20 18-Feb-20 05-Mar-20 05-Mar-20 04-Feb-20 05-Mar-20 03-Feb-20 04-Feb-20 04-Feb-20 04-Feb-20	8 3 3 3 3 4 6 5 5 7 7 8 8 8 8 7 7 7 7 7 7 7 5 4	5 DAY WEATHER 5 DAY WEATHER	

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RINCONADA - PROJECT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020

Balfour Beatty Infrastructure Inc.

Ac	tivity ID	Activity Name				OD	RD	PCT	Start	Finish	Total Float	Ca	alendar	
											Tibat			Fe
	MECHANICAL (LDV3 REQUIRED FOR PHASE #5)												
	PH2-CD-4060	Chem Duct/Vaults - Hose Connections at I	LDV3 (***NOT PART OF PHASE #2)			0	0		03-Feb-20	03-Feb-20	8	5 DAY WEA	ATHER	I
	PH2-CD-4065	Chem Vaults - LDV #3 Piping (Mechanical	I) (***NOT PART OF PHASE #2)			0	0	0%	03-Feb-20	03-Feb-20	8	5 DAY WEA		
	PH2-CD-4066	Chem Vaults - LDV #3 Sump Pump Instal				0	0	-	03-Feb-20	03-Feb-20	8	5 DAY WEA		I
	PH2-CD-4260	Chem Duct/Vaults - Hose Connections at I	LDV AT WWRF (***NOT PART OF PHASE #2)			0	0	0%	03-Feb-20	03-Feb-20	9	5 DAY WEA	ATHER	I
	PH2-CD-4265	Chem Vaults - LDV AT WWRF Piping (Med	chanical) (** <i>*</i> NOT PART OF PHASE #2)			0	0	0%	03-Feb-20	03-Feb-20	74	5 DAY WEA	ATHER	I
	PH2-CD-4266	Chem Vaults - LDV AT WWRF Sump Pum	np Install (***NOT PART OF PHASE #2)			0	0	0%	03-Feb-20	03-Feb-20	74	5 DAY WEA	ATHER	I
	ELECTRICAL													
	PH2-CD-5710	LDV AT WWRF - Chem Duct/Vaults - Insta	all leak detection systems (***NOT PART OF PHASE #2)			0	0	0%	03-Feb-20	03-Feb-20	9	5 DAY WEA	ATHER	I
	PH2-CD-5730	LDV AT WWRF - Chem Duct/Vaults - Wire	e & Terminate leak detection control panels / devices (***NC	T PART OF F	PHASE #2)	0	0	0%	03-Feb-20	03-Feb-20	10	5 DAY WEA	ATHER	I
	PH2-CD-5210	LDV #3 - Chem Duct/Vaults - Install leak d	detection systems (***NOT PART OF PHASE #2)			0	0	0%	04-Feb-20	04-Feb-20	8	5 DAY WEA	ATHER	I
	PH2-CD-5230	LDV #3 - Chem Duct/Vaults - Wire & Term	inate leak detection control panels / devices (***NOT PART	OFPHASE	#2)	0	0	0%	04-Feb-20	04-Feb-20	8	5 DAY WEA	ATHER	I
	PH2-CD-5320	ELECTRICAL PUNCH LIST / SHAKEOUT				30	2	95%	28-Oct-19 A	05-Feb-20	7	5 DAY WEA	ATHER	
	PH2-CD-5740	004 - Chem Yard - Point to Point / Loop To	est and check out (ORT)			8	1	90%	17-Jan-20 A	06-Feb-20	7	5 DAY WEA	ATHER	0
	O&M: TRAINING	G & START-UP PLANS												
	01756					·								
	PH2-CD-7061	Chem Duct - 01756 Submittal Binder - Sta	art up Plans Binder (Temp Pipe & Conveyance) - EOR Revi		al	24	22	8 33%	30-Jan-20 A	24-Feb-20	65		7 DAY 🗖 [
	START-UP & TR				ai	27		0.0070	00-0411-20 A	241 00-20	00			
		,				40	40	00/	00 E-h 00	04 5-6 00	7			
	PH2-CD-7030	Chem Duct/Vaults - All Leak Detect System	msshall be integrated into SCADA			10	10	0%	06-Feb-20	24-Feb-20	1	5 DAY WEA	ATHER	
	MISC SITE CO	DNCRETE												
	STRUCTURAL													
	PH2-SC-1070	Misc. Site Concrete - Primary Structure Co	oncrete – Energy Dissipater			10	1	90%	01-Feb-19A	03-Feb-20	25	5 DAY WEA	ATHER	I
	PH2-SC-1000	Misc. Site Concrete - Concrete Finishing @	@ Energy Dissipater			5	5	0%	04-Feb-20	10-Feb-20	25	5 DAY WEA	ATHER	
	ARCHITECTURA	L.												
	PH2-SC-2010	Misc. Site Concrete - Site Wide Guard Pos	sts			10	10	0%	03-Feb-20	18-Feb-20	65	5 DAY WEA	ATHER	
	PH2-SC-2000	Misc. Site Concrete - Chain Link Fence @	Energy Dissipater			5	5	0%	11-Feb-20	19-Feb-20	64	5 DAY WEA	ATHER	
	YARD PIPING						-		-		-	-		
										-ii				
	PH2-YP-5000A	Yard Piping - Schedule & Prep for Control				48			02-Jan-20 A	02-Mar-20	51		7 DAY	
	PH2-YP-5000B		r BFV SED991 & 993 (***DURING PLC 700 SHUTDOWN)			5	5	0%	10-Mar-20	17-Mar-20	28	5 DAY WEA	ATHER	
	ELECTRICAL	DUCTBANKS / SITE ELECTF	RICAL											
	FIBER OPTIC													
	PH2-SE-1060	FIBER OPTIC - Install Fiber Backbone EE	P4A to Lower Guard House			5	0	99%	08-Apr-19 A	03-Feb-20	10	5 DAY WEA		1
	DUCTBANKS/S								•					
	PH2-SE-2050	SITE ELECTRICAL - Fiber Optic Test chec	ck out verify link to SCADA			4	2	50%	17-Sep-19A	05-Feb-20	56	5 DAY WEA	ATHER [
	PH2-SE-2060	SITE ELECTRICAL - Install CCTV conduit	-			5	5		05-Feb-20	13-Feb-20	56	5 DAY WEA		
	PH2-SE-2070	SITE ELECTRICAL - Install PA system / sp	•••			5	5		13-Feb-20	21-Feb-20	56	5 DAY WEA		
	PH2-SE-2080	SITE ELECTRICAL - Install Fire Alarm Dev				5	5		21-Feb-20	02-Mar-20	56	5 DAY WEA		
	PH2-SE-2020B	SITE ELECTRICAL - Guardshack Upper N				20	18			02-Mar-20	55	5 DAY WEA		
						20	10	1076	10-Sep-19A	02-1111-20	55	3 DAT WEA		
		- 40 MGD SHUTDOWN					=	001		00.14 00	0.1	5 5 6 () 4 (5 (
	PH2-SE-2140	SITE ELECTRICAL - Testing & Energize S	· · · · · · · · · · · · · · · · · · ·			5	5		03-Mar-20	09-Mar-20	61	5 DAY WEA		
	PH2-SE-2130	SITE ELECTRICAL - Energize test and Ch	heck out (ORI / FAI Guard Shack)			2	2	0%	29-Apr-20	30-Apr-20	18	5 DAY WEA	ATHER	
		& START-UP PLANS												
	13701													
	PH2-SE-6000	SITE ELECTRICAL - Start up & Testing Pla	an 13701 Video Surveillance - Prepare & Submittal			<mark>60</mark>	60	0%	01-Feb-20	31-Mar-20	<mark>33</mark>		7 DAY	
	PH2-SE-6001	SITE ELECTRICAL - Start up & Testing Pla	an 13701 Video Surveillance - EOR Review & Approval			<mark>24</mark>	<mark>24</mark>	0%	01-Apr-20	24-Apr-20	<mark>33</mark>		7 DAY	
	DATA DATE: 01-Feb-2	0	Remaining Level of Effort	ritical Re						Date		Revision	Checke	ed
	FINISH DATE: 12-Jun-2			ilestone										
	RUN DATE: 04-Feb-20	-~		RESIDIE	TASK filter: F	REMAIN	ING AC	CTIVITIES	5.					
			Remaining Work											

04-Feb-20 21:06 Page 9 of 10



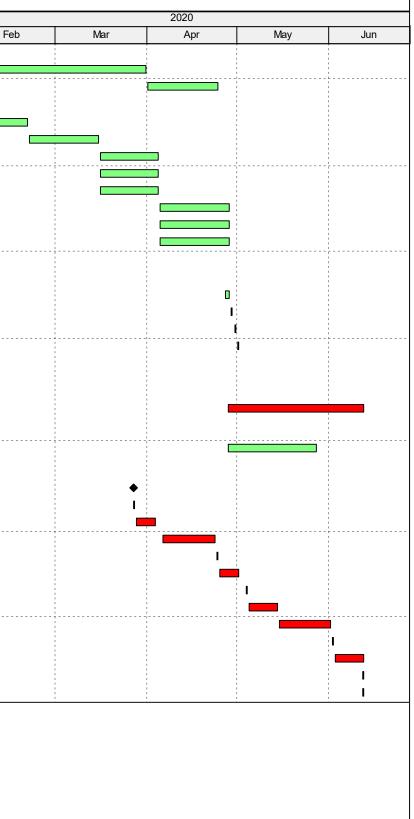
RINCONADA - PROJECT COMPLETION SCHEDULE - UPDATED THROUGH 1/31/2020

Balfour Beatty Infrastructure Inc.

						•		-	
Activity ID	Activity Name		OD	RD	PCT Start	Finish	Total Float	Calendar	F
13704									
PH2-SE-6020	SITE ELECTRICAL - Start up Plan 13704- Security Access - Prepare & Submittal		60	60	0% 01-Feb-20	31-Mar-20	33	7 DAY	
PH2-SE-6021	SITE ELECTRICAL - Start up Plan 13704- Security Access - EOR Review & Approval		24	24	0% 01-Apr-20	24-Apr-20	33	7 DAY	
13852									
PH2-SE-6040	SITE ELECTRICAL - Submittal - Fire Detection & Alarm Systems 13852-1.4 - Prepare & Re-Submit	tal	20	20	0% 01-Feb-20	20-Feb-20	29	7 DAY	
PH2-SE-6041	SITE ELECTRICAL - Submittal - Fire Detection & Alarm Systems 13852-1.4 - EOR Review & Appro		24	24	0% 21-Feb-20	15-Mar-20	29	7 DAY	
PH2-SE-6052	SITE ELECTRICAL - O&M Manual - Fire Detection & Alarm Systems 13852-2.1 - Prepare & Re-Sut		20	20	0% 16-Mar-20	04-Apr-20	29	7 DAY	
PH2-SE-6060	SITE ELECTRICAL - Start up & Testing Plan - Fire Detection & Alarm Systems 13852 - Prepare & S		20	20	0% 16-Mar-20	04-Apr-20	45	7 DAY	
PH2-SE-6070	SITE ELECTRICAL - Training Plan - Fire Detection & Alarm Systems 13852 - Prepare & Submittal		20	20	0% 16-Mar-20	04-Apr-20	41	7 DAY	
PH2-SE-6053	SITE ELECTRICAL - O&M Manual - Fire Detection & Alarm Systems 13852-2.1 - EOR Review & Ap	proval	24	24	0% 05-Apr-20	28-Apr-20	29	7 DAY	
PH2-SE-6061	SITE ELECTRICAL - Start up & Testing Plan - Fire Detection & Alarm Systems 13852 - EOR Review	•	24	24	0% 05-Apr-20	28-Apr-20	45	7 DAY	
PH2-SE-6071	SITE ELECTRICAL - Training Plan - Fire Detection & Alarm Systems 13852 - EOR Review & Appro		24	24	0% 05-Apr-20	28-Apr-20	41	7 DAY	
START-UP & T									
PH2-SE-7020	SITE ELECTRICAL - Training 13704-4 - Security Access (Ops/Maint)		2	2	0% 03-Feb-20	04-Feb-20	82	5 DAY WEATHER	
PH2-SE-7010	SITE ELECTRICAL - Training 13701-3.1 - Video Surveillance (Ops/Maint.)		2	2	0% 27-Apr-20	28-Apr-20	29	5 DAY WEATHER	-
PH2-SE-7030	SITE ELECTRICAL - Training 13852 - Fire Detection & Alarm Systems (Maint.)		1	1	0% 29-Apr-20	29-Apr-20	26	5 DAY WEATHER	
PH2-SE-7030A	SITE ELECTRICAL - Training 13852 - Fire Detection & Alarm Systems (Ops)		1	1	0% 30-Apr-20	30-Apr-20	26	5 DAY WEATHER	
PH2-SE-7030B	SITE ELECTRICAL - Training 13900-5 - Fire Suppression (Maint.)		1	1	0% 01-May-20	01-May-20	26	5 DAY WEATHER	
CONSTRUCT	TION - PHASE #6								
SITE RESTO									
PH6-1000	Phase #6 - Final Site Restoration		30	30	0% 28-Apr-20	12-Jun-20	55	5 DAY WEATHER	
FINAL CLEA	N						I I_		
PH6-2000	Phase #6 - Final Cleaning		30	30	0% 28-Apr-20	27-May-20	136	7 DAY	
INSPECTION	NS / DEFICIENCY LIST					,	JI		
PH6-9000	Phase #6 - Start Phase #6 Requirements (Target Start 4/28/2020)		0	0	0% 27-Mar-20		79	5 DAY WEATHER	
PH6-9010	Phase #6 - BBII Preliminary Final Inspection Request (1st)		1	1	0% 27-Mar-20	27-Mar-20	79	5 DAY WEATHER	
PH6-9020	Phase #6 - Engineer Conduct Preliminary Final Inspection (1st)		7	7	0% 28-Mar-20	03-Apr-20	125	7 DAY	
PH6-9030	Phase #6 - BBII Address Preliminary Final Inspection Deficiency List (1st)		12	12	0% 06-Apr-20	23-Apr-20	79	5 DAY WEATHER	
PH6-9040	Phase #6 - BBII Preliminary Final Inspection Request (2nd)		1	1	0% 24-Apr-20	24-Apr-20	79	5 DAY WEATHER	
PH6-9050	Phase #6 - Engineer Conduct Preliminary Final Inspection (2nd)		7	7	0% 25-Apr-20	01-May-20	125	7 DAY	
PH6-9060	Phase #6 - BBII Final Inspection Request (1st)		1	1	0% 04-May-20	04-May-20	79	5 DAY WEATHER	
PH6-9070	Phase #6 - Engineer Conduct Final Inspection (per Section 21) (1st)		10	10	0% 05-May-20	14-May-20	123	7 DAY	
PH6-9080	Phase #6 - BBII Address Final Inspection Deficiency List (1st)		10	10	0% 15-May-20	01-Jun-20	76	5 DAY WEATHER	
PH6-9090	Phase #6 - BBII Final Inspection Request (2nd)		1	1	0% 02-Jun-20	02-Jun-20	76	5 DAY WEATHER	
PH6-9100	Phase #6 - Engineer Conduct Final Inspection (2nd)		10	10	0% 03-Jun-20	12-Jun-20	120	7 DAY	
PH6-9110	Phase #6 - Final Inspection of Milestones		1	1	0% 12-Jun-20	12-Jun-20	120	7 DAY	
PH6-9120	Phase #6 - BBII Furnish Written Guaranty Bond			-	0% 12-Jun-20	12-Jun-20	120	7 DAY	

Date	Revision	Checked	
			-





Amendment One to Contract No. C0601 District/BBI—RWTP Reliability Improvement Project Version 8 (03/06/20) MC14488 Supplemental Attachment 1, Page 76 Page 77 of 79

Approved

Attachment No. 3 to Amendment One

Warranty List

Rinconada Water Treatment Plant Reliability Improvement Project, Contract C0601

February 12, 2020

Attachment 3, Page 77

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RWTP Reliability Improvement Project Amendment One Warranty List

Specific warranties to be provided in accordance with original contract documents:					
3.11	Guaranty				
21.02	Guaranty and Guaranty Bond				
01321-1.09	Construction Camera System				
02623-1.07	High Density Polyethylene Pipe and Fittings				
07141-1.06	Capillary Waterproofing				
07412-1.09	Metal Wall Panels and Soffits				
08105	Hollow Metal Doors/Frames				
08700-1.07	Finish Hardware				
09962-1.06	Chemical Resistant Coating for Concrete				
10520-1.06	Fire Protection Specialties				
11217	Submersible Sump Pumps				
11218	Sample Pumps				
11220	Flocculation Mixers				
11224	Static Mixers				
11242	Chemical Equipment				
11244-1.09	Diaphram Chemical Metering Pumps				
11277-1.11	Parallel Plate Clarifiers/Settlers				
11285	Slide Gates, Stop Gates and Stop Logs				
11287	Automatic Siphons				
11310	Sumersible Chopper Pumps				
11350	Cable Driven Sludge Collector System				
13080-1.05	Noise Barrier				
13129-1.05	Prefabricated Guardhouses				
13421	Programmable Logic Controllers and Computer Control Systems				
13422	Local Area Network System				
13431	I&C Analytical Devices				
13435-2.04	Temperature Measurement				
13446-1.05	Electric Operators for Valve and Gates				
13701	Video Surveillance				
13704	Security System Access				
13852	Fire Detection and Alarm				
15112	Butterfly Valve				
15113	Plastic Valves				
15114	Check Valves				
15116	Plug Valve				
15119	Air and Vacuum Relief Valves				
15120	Piping Specialties				
15590-1.09	Fighting Specialities Fuel Pumps, Storage Tanks and Fuel Piping Systems				
16121-1.08	Medium Voltage Cables				
16145	Miscellaneous Electrical Equipment				
16230-1.13	Standby and Emergency Diesel Engine Generator Assemblies				
16244	Station Battery System				
16263	Station Battery System Static UPS				
16265-1.03 B	Medium Voltage ASD				
16250-1.05 B	Medium Voltage Switchgear, Protective Relaying, and Modifications				
10220-1111	ואיכטומוו אטונמצב שאונטוצבמו, דוטנצנוואצ הצומאוווצ, מוום אוטטווונמנוטווג				

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