

**Addendum to Bid Documents
Addenda No. 1**

City of Raton Brilliant St.- Hart Ave. Resurfacing Project

Dated: March 28, 2019

Contracting Agency:
**The City of Raton
224 Savage Avenue
Raton, New Mexico 87740
(575) 445-9451**

Bidders are instructed to incorporate the following revisions, amendments or clarifications into their bid proposals for the above referenced project:

- 1. Addenda No. 1 is issued to make the following revisions to the Project Manual and Project Drawings.**
 - a. Bidder is advised to discard Technical Specifications TS 1-5 in their entirety and replace with the Attached Revised Technical Specification Numbered TS 1-TS 5.**
 - b. Bidder is advised to discard all previously issued plan sheets and replace them with the attached Sheets G-1,G-2, C-1, C-2, C-3,C-4, and C-5.**

Bidder must acknowledge receipt of the addenda and attach to the Bid Form. Receipt of Addendum No. 1 must also be acknowledged by Bidder on the Bid Form:

Receipt of Addenda No.1 Acknowledged by Bidder:

Signature by Authorized Person

Printed Name of Authorized Person

Firm Name

Date

TECHNICAL SPECIFICATIONS

PART 1 – GENERAL PROVISIONS

All work shall be performed in accordance with Project Drawings, Specifications, and Contract Documents. Work not covered by Project Drawings Specifications and Contract Documents shall be performed in accordance with New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction, (Current Edition, including Addenda, Special Provisions, and Supplemental Documents; hereinafter called NMDOT Specifications). Work not covered by Project Drawings, Contract Documents, or NMDOT Specifications shall be performed in accordance with New Mexico Standard Specifications for Public Works Construction, published by the American Public Works Association (hereinafter called APWA Specifications)

Where differences, conflicts, or discrepancies occur between Project Drawings, Specifications, and Contract Documents, NMSA Standard Specifications and APWA Specifications; the Project Specific Drawings, Specifications and Contract Documents shall take precedence and apply to work. Quantities are given only as a guide to contractor; contractor must satisfy and inform himself of required quantities by field verification before submitting bid. Owner reserves the right to make alterations in the work as may be necessary to complete the work as originally intended.

The Contractor shall supply all labor, equipment, tools, supervision, materials, parts and appurtenances, whether or not specifically required or detailed by Project Drawings, Specifications, or Contract Documents, to complete a fully functional project. Where applicable, material manufacturer's recommendations or specifications shall be submitted by the Contractor to the Owner's Project Representative and shall receive written approval for incorporation into the work. If approved, manufacturer's recommendations or specifications shall be fully complied with. The Contractor is required to supply qualified and competent labor and supervision capable of completing the requiring work in a timely manner and the necessary equipment in safe and good working condition suitable for the required work. The Contractor is required to supply qualified and competent labor and supervision capable of completing the requiring work in a timely manner and the necessary equipment in safe and good working condition suitable for the required work. Contractor shall be responsible for protection of the site, work, and materials from adverse effects resulting from weather and environmental conditions, drainage, runoff, groundwater, surface water, traffic, vandalism, equipment damage, or other potentially harmful conditions until final acceptance of the work by Owner. Any damaged work or materials shall be removed and replaced at the Contractor's expense, with no additional cost to Owner. Contractor shall be responsible for safety of workmen, the public, and the Owner or representatives of the Owner.

Construction Sequencing, Safety and Traffic Control - Safety and traffic control shall conform to OSHA and the Manual on Uniform Traffic Control Devices respectively and to be the sole responsibility of the contractor and no direct payment will be made. The Contractor shall prepare and submit a Traffic Control Plan and a Construction Sequence Plan that will ensure reasonable access to residents. Construction and/or demolition activities shall be scheduled so as to minimize disturbance and disruption to area residents and traffic. Street closures and water shutoffs resulting in limitation of service to residences shall be limited to a maximum 8-hour period. In no case shall limitations of access or water service continue overnight. The Contractor is responsible to provide adequate notification to all affected persons prior to street closure or water service disruption. A Construction Sequence Plan, including public notification plans, shall be submitted by the Contractor to the Owner's Project Representative prior to construction and/ or demolition activities. The plans for traffic control and sequencing of construction must be approved by the Owner's Project

Representative prior to commencement of the work. Safety, Traffic Control and Mobilization are incidental and no direct payment will be made. Necessary work, materials, equipment and appurtenances needed to complete the project for which there is no bid item shall be considered as incidental.

Utilities – The Contractor shall coordinate the work with any affected public or private utility owner with facilities, structures, lines, wires, pipes or other fixtures and appurtenances in the project area. The Contractor shall reasonably protect existing utilities, request locations and spots of utilities in a timely manner prior to excavation or disturbance, and shall cooperate with utility owners if relocation or adjustment is necessary.

Dust Control - Contractor is responsible for job site dust control. Dust must be controlled at all times as directed by the Owner's Project Representative. The Contractor is responsible for obtaining all necessary construction water, and all costs associated with construction water or other utilities necessary for the prosecution of the work or appurtenant usages.

Ponding of Surface Water – Ponding of surface water will not be permitted at any time during construction.

Materials – The materials used on the work shall conform to the requirements of the contract, plans, and specifications. Unless otherwise specified, such materials that are manufactured or processed shall be new. Contractor shall provide materials certificates of compliance to the Project Engineer for all materials for all contract items. Contractor shall provide complete documentation to demonstrate compliance of materials with project specifications and applicable standards. Sampling, testing, preparation of mix designs or certified test reports or other compliance activities shall be considered incidental to the work, and no direct payment shall be made from the Owner to the Contractor for these activities.

Storage, handling, and transporting materials, and other similarly appurtenant tasks, shall be considered incidental to the work, and no direct payment shall be made from the Owner to the Contractor for these tasks.

Contractor quality control is the responsibility of the Contractor and is concerned with detecting changes in production, then taking the necessary steps to control the process to correct the change in production. Contractor quality control involves decisions based on the results of random samples of a small fraction of production material. The Contractor shall implement quality control procedures that will effectively monitor material quality and the Contractor shall inform the Project Engineer of material conditions. Quality control shall be considered incidental to the work, and no direct payment shall be made from the Owner to the Contractor for these tasks.

Requirement For Pre-Construction Meeting – Project Engineer shall schedule Pre-Construction meeting for the purpose of discussion of requirements for construction. Contractor shall provide all supervisory staff, equipment operators, and other skilled personnel for mandatory attendance at the Pre-Construction meeting for instruction by the Project Engineer in project requirements. The Pre-Construction meeting shall provide opportunity for the Engineer and Owner to clarify its requirements and the Contractor's obligations under the Contract. All replacement personnel beginning work on the project following Pre-Construction meeting shall be required to attend project requirement training.

Appurtenant Work and Materials - Necessary work, materials, equipment and appurtenances needed to complete the project for which there is no bid item shall be considered as incidental. Flood control, dewatering, water bypass, staging, material storage, handling and protection, use of water, electricity, waste hauling and disposal, and construction administration, planning and management by the Contractor are incidental and no direct payment will be made. Necessary work and materials needed to complete the project for which there is no bid item shall be considered as incidental, and shall be provided by the Contractor without additional payment by Owner.

The Contractor is responsible for obtaining all necessary construction water, and all costs associated with construction water or other utilities necessary for the prosecution of the work or appurtenant usages. Contractor is responsible for removal, hauling and disposal of all waste and debris without additional payment by Owner.

SUBMITTALS

Submittals – The following submittals will be required and submitted to the Owner’s Project Representative.

1. Type SP-IV Hot-Mix Asphalt — Superpave Mix Design (Section 423).
2. All Materials Testing Reports and Information.
3. Construction Sequencing Plan.
4. Traffic Control and Safety Plan.

PART 2 – DESCRIPTION OF BID ITEMS

The following descriptions include work required and included for payment of specified item. Item may be considered either a bid item, or a contract item. Contractor shall provide all appurtenant or incidental equipment, labor, material and work necessary for a fully functional installation without additional payment, whether specifically described herein or not.

Item 1: MOBILIZATION – In accordance with the requirements of Section 621, NMDOT Standard Specifications. Work under this item shall be paid for at the lump sum contract price.

Item 2 and 9: ASPHALT LEVELING COURSE – In areas designated by Owner's Project Representative, Contractor shall place hot mix asphalt pavement over existing pavement surface to restore pavement to appropriate grade where surface has subsided due to settling or utility operations. Asphalt shall be placed at various depths as required to restore pavement grade. Work under this item shall include incidental preparation, removals including sediment, loose asphalt pieces, etc; heavy asphalt tacking, grading, raking and compaction. Contractor shall provide all necessary materials required to complete work required under this item.

Work under this item shall be measured and paid for at the contract unit price per ton of asphalt leveling course installed, as measured over certified scales and verified by dimensions in place.

Item 3 and 10: ASPHALT EDGE REPAIR – In areas designated by Owner's Project Representative, Contractor shall thicken existing asphalt edge where edge has deteriorated, crumbled or broken off due to traffic, equipment operations or other conditions. Under this item, Contractor shall excavate edge area to a typical width of 2 feet and a depth of 6 inches. Contractor shall provide, place, grade and compact hot mix asphalt material at designated locations in a manner that will effectively strengthen the edge and allow subsequent asphalt overlay course. Asphalt shall be placed directly on firm existing base course or approved subbase course. Removal or replacement of base course, subbase course or reprocessing subgrade is not included under this item.

Work under this item shall be measured and paid for at the contract unit price per ton of asphalt edge repair installed, as measured over certified scales and verified by dimensions in place.

Item 4 and 11: ASPHALT TRENCH REPAIR – In areas where asphalt street pavement course has been cut, trenched and removed for placement of water or sewer mains and services, pavement shall be restored by Contractor. Under this item, Contractor shall excavate fill material existing in the length of the trench and remove excess material. Contractor shall construct 3 inch thick asphalt pavement course to the width and length of the trench. Contractor shall provide hot mix asphalt conforming to Section 423, NMDOT Standard Specifications for a SP-IV material, and shall be placed in a single course over existing aggregate base course at a final compacted lift depth of three (3.00) inches.

Work under this item shall be measured and paid for at the contract unit price per square yard of asphalt trench repair installed, as measured and verified by dimensions in place.

Item 5 and 12: ADJUST EXISTING VALVEBOX COVER TO GRADE - existing water system valve boxes within the new street section shall be adjusted accurately to match the grade and elevation of the final paved

surface. Valve box lid shall be set in place with a 24" x 6" round concrete collar, included in the unit price. Work under this item shall be measured and paid for at the contract price unit price per each existing valvebox cover adjusted to grade, including concrete collar.

Item 6 and 13: ADJUST EXISTING MANHOLE COVER TO GRADE – The Contractor shall adjust existing manhole rings and covers to final surface elevation. Adjustment shall be completed using precast concrete rings, grout or other approved material, and shall submit material information and description of proposed process for approval prior to commencement of construction. Final cover elevation shall be flush to final pavement surface. Contractor shall provide 4'-0" diameter reinforced concrete collar at all adjusted existing manhole rings and covers. Concrete collars, as well as any required excavation, backfill, compaction, or appurtenances shall be considered incidental, with no additional payment made to the Contractor.

Work under this item shall be measured and paid for at the contract price unit price per each existing manhole cover adjusted to grade, including concrete collar.

Items 7 and 14: TACK COAT – The work under this Section includes providing all labor, materials, tools and equipment necessary for furnishing and applying bituminous material to a cold-milled asphalt surface to provide bond for a new asphalt wearing surface. Contractor shall provide work in accordance with the requirements of Section 407, NMDOT Standard Specifications. The Tack Coat shall be uniformly applied with a pressure distributor at a rate of 0.10 gallons per square yard. Contractor shall provide documentation that required application rate has been achieved. The Tack Coat shall be applied in such a manner as to offer the least inconvenience to traffic, to permit one-way traffic without pick-up or tracking of the asphalt material, and to avoid damage to structures, property, cars, etc. The Tack Coat shall be applied only as far in advance of the next course placement as is necessary to obtain this proper condition of tackiness. Until the next course is placed, the Contractor shall protect the Tack Coat from damage.

Measurement and payment for Bid Items 7 and 14 shall be at the contract unit price per square yard of Tack Coat constructed by the Contractor.

Items 8 and 15: 1-1/2 INCH THICK HOT MIX ASPHALT PAVEMENT SURFACE COURSE – The Contractor shall be responsible for the preparation of streets designated for asphalt overlay including sweeping and removal of all loose surface material. The contractor shall provide necessary barricades, warning signs, lights, and flag persons in accordance with MUTCD guidelines to safely expedite the movement of traffic. Contractor shall provide hot mix asphalt conforming to Section 423, NMDOT Standard Specifications for a SP-IV material, and shall be placed in a single course over existing aggregate base course at a final compacted lift depth of one and one-half (1.50) inches.

The contractor shall barricade or divert traffic from overlay pavement until it is cooled for a sufficient period of time to prevent scuffing or flushing of the asphalt surface wherever possible. The contractor shall mark and record each utility opening or manhole which is covered by resurfacing. Asphalt surface shall be tapered at curb & gutter line and at connection to existing asphalt pavement to provide smooth transition, where applicable.

The basis of payment under Items No. 8 and 15 shall be square yards of 1-1/2 inch thick Hot Mix Asphalt Pavement Surface Course constructed in place.

City of Raton Brilliant Street - Hart Avenue Resurfacing Project

FUNDING AGENCIES:
New Mexico Department of Transportation
The City of Raton

CONTRACTING AGENCY:
The City of Raton
224 Savage Avenue
Raton, New Mexico 87740

Reviewed & Approved By:



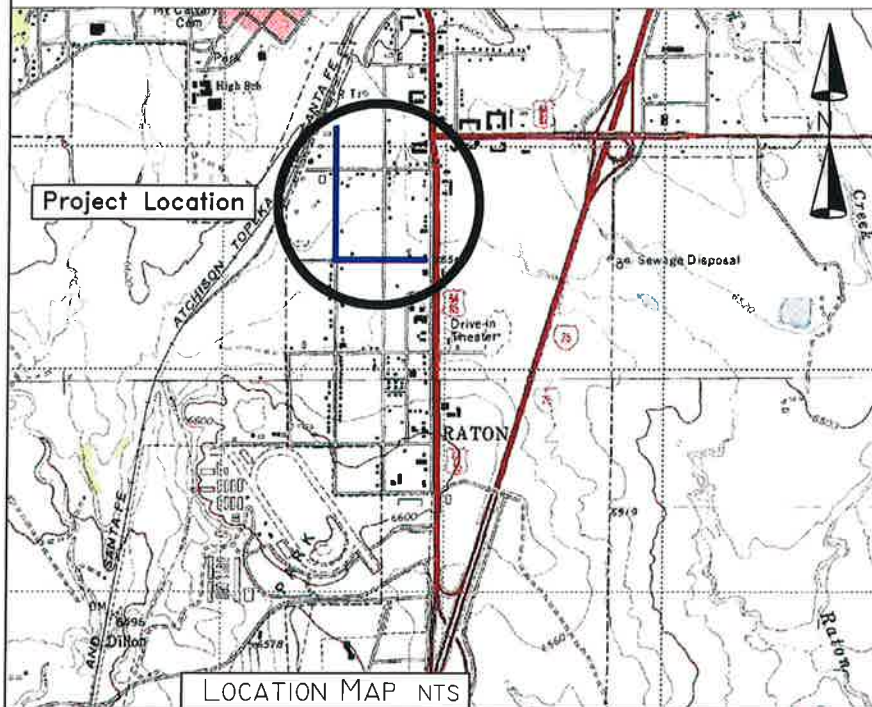
Project No. SP-4-19(958)

April 2019

CERTIFICATION:
I, Kenneth Scott Berry, New Mexico Registered Professional Engineer No. 12848, Hereby Certify That Project Design Documents Have been Prepared By Myself In Accordance With Applicable Standards and Agency Requirements.

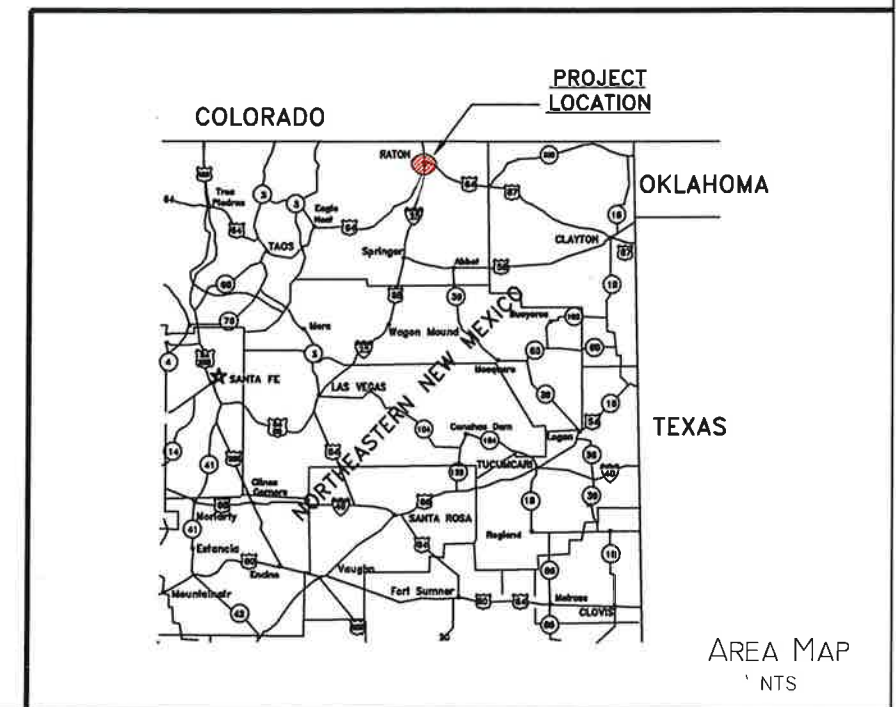


Kenneth Scott Berry, P.E.
City of Raton
224 Savage Avenue
Raton, New Mexico 87740



INDEX OF SHEETS

- G-1..... TITLE SHEET, LOCATION MAPS
- G-2..... TYPICAL CONSTRUCTION SECTION DETAIL
- C-1..... CONSTRUCTION PLAN - HART AVENUE STA 0+00 TO 7+50
- C-2..... CONSTRUCTION PLAN - HART AVENUE STA 7+50 TO 13+80
- C-3..... CONSTRUCTION PLAN - BRILLIANT STREET STA 0+00 TO 7+50
- C-4..... CONSTRUCTION PLAN - BRILLIANT STREET STA 7+50 TO 12+00
- C-5..... CONSTRUCTION PLAN - BRILLIANT STREET STA 12+00 TO 17+87



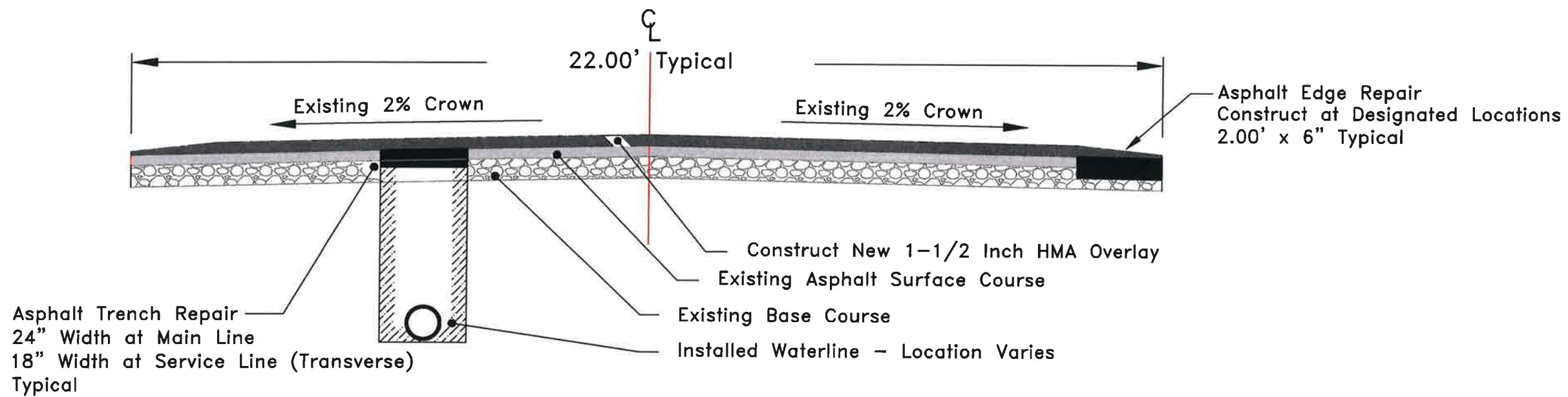
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| Revisions | | |
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Contracting Agency:
City of Raton
224 Savage Avenue
Post Office Box 910
Raton, New Mexico 87740
(575) 445-9551

Title
*Construction Plan
Brilliant St. - Hart Ave. Resurfacing Project
Project No. SP-4-19(980)
Raton, New Mexico*

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| N/A | Date: March 17, 2019 | Sheet G-1 |
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Title
 Typical Construction Section Detail
 Brilliant St. - Hart Ave. Resurfacing Project
 Project No. SP-4-19(980)
 Raton, New Mexico



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Title
Construction Plan
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Project No. SP-4-19(980)
Raton, New Mexico

Scale: 1" = 50' Date: March 17, 2019 Sheet C-1



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Construction Plan
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Scale: 1" = 50' Date: March 17, 2019 Sheet C-2



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Scale: 1" = 50' Date: March 17, 2019 Sheet C-3



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Scale: 1" = 50' Date: March 17, 2019 Sheet C-4



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