

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Repairs To Exterior & Parking Lots
Troop G Headquarters & Crime Lab
Willow Springs, Missouri
PROJECT NO.: R2008-01**

Bid Opening Date: 1:30 PM, April 29, 2021 (Not Changed)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 013200 – Schedule – Bar Chart
 - a. REPLACE Section 013200 with attached updated Section 013200 – Schedule – Bar Chart.
2. Section 013300 – Submittals
 - a. REVISE Paragraph 3.1-A Required Submittals Table as follows:
Section 032111 Concrete – REMOVE “X” from Warranty column.
3. Section 024116 – Limited Demolition
 - a. ADD Paragraph 3.2-C as follows:
C. Existing pavement and curbs to be rubblized such that no particle dimension exceeds six inches (6-inches).
4. Section 042000 – Unit Masonry
 - a. ADD Paragraph 3.6-D as follows:
D. Tuck-point five percent (5%) of total exterior joints.

DRAWINGS CHANGES:

1. Sheet C-501
 - a. REPLACE Detail C10 with attached updated Detail C10.
2. Sheet C-502
 - a. REPLACE Inset 4 with attached updated Inset 4.
 - b. REPLACE Inset 5 with attached updated Inset 5.

GENERAL COMMENTS:

1. The Pre-Bid Meeting was held April 15, 2021 followed by a walk-through of the project site. The sign-in sheet is attached.
2. Bidders desiring to perform a site inspection should contact MSHP Troop G facility staff Wayne Williams or Lieutenant Don Larsen at (417) 274-9290 or (417) 469-3121, Wayne.Williams@mshp.dps.mo.gov or Donald.Larsen@mshp.dps.mo.gov to schedule a time to enter the facility.
3. Please contact Paul Girouard, Contract Specialist, at (573) 751-4797, Paul.Girouard@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.
4. The deadline for technical questions is April 21, 2021 at noon (12 pm).
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
7. Current Planholders list is available online at: <https://www.adsplanroom.net/jobs/824/planholders/r2008-01-repairs-to-exterior-parking-lots-troop-g-headquarters-crime-lab>
8. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 7A, Columbia MO 65203, (573) 446-7768 to get plans and specifications.
9. **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled. Failure to do so will result in rejection of the bid.**
10. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**

ATTACHMENTS:

1. R2008-01 Pre-Bid Meeting Sign-In Sheet
2. Updated Section 013200 – Schedule – Bar Chart
3. C-501 Updated Detail C10
4. C-502 Updated Inset 4
5. C-502 Updated Inset 5

April 20, 2021

END ADDENDUM NO. 1

**Pre-Bid Meeting Attendance Sheet
Troop G HQs & Crime Lab-Repairs To Exterior & Parking Lots
Willow Springs, Missouri**

**Project No. R2008-01
10:00 AM, April 15, 2021**

Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address
Scott Zeller Project Manager <i>sz</i>	OA-FMDC	-	573-751-2668 573-680-8138	Scott.Zeller@oa.mo.gov
Paul Loftin, CI Project Manager <i>PL</i>	OA-FMDC	-	573-526-6671	Paul.Loftin@oa.mo.gov
Wayne Williams, Maintenance Supervisor <i>WW</i>	MSHP-Troop G	-	417-274-9290	Wayne.Williams@mshp.dps.mo.gov
Paul Girouard	OA-FMDC Contracts Specialist	-	573-751-4797	Paul.Girouard@oa.mo.gov
Darren Krehbiel, <i>DK</i> A/E Representative	<i>DARREN</i> Krehbiel Consultants, LLC	-	573-346-5316 573-280-4367	krehbiel.darren@gmail.com
Randy Duncan, Construction Administrator <i>RD</i>	OA-FMDC	-	573-526-0582	Randy.Duncan@oa.mo.gov

Pre-Bid Meeting Attendance Sheet
Troop G HQs & Crime Lab-Repairs To Exterior & Parking Lots
Willow Springs, Missouri

Project No. R2008-01
10:00 AM, April 15, 2021

Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address
Kevin Hoggard	R.L. Persons Construction, Inc.		573-686-1323	khoggard@rlpersons.com
Jeremy Manes PM/Estimator	MTS Contracting, Inc. Masonry		417-353-0666	jeremym@mtscontracting.com
Eric Friga	Friga Construction G.L.		417-887-7134	eric@frigainc.com
JOHN DIKE-THOMAS	DIKE-THOMAS + ASSOC. INC. CPC.	MBE	417.863.6262	JOHN@DIKE-THOMAS.COM

SECTION 013200 – SCHEDULE – BAR CHART

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract including General and Supplementary Conditions, Bid Form, and other Division 1 Specification Sections apply to this Section.

1.2 SUMMARY

- A. This Section includes requirements for a Bar Chart Schedule for the project construction activities, schedule of submittals, and schedule for testing.

PART 2 - PRODUCTS – (Not Applicable)

PART 3 - EXECUTION

3.1 SUBMITTAL PROCEDURES

- A. The Contractor shall submit to the Designer, within ten (10) working days following the Notice to Proceed, a Progress Schedule including Schedule of Values showing the rate of progress the Contractor agrees to maintain and the order in which he proposed to carry out the various phases of Work. No payments shall be made to the Contractor until the Progress Schedule has been approved by the Owner.
 - 1. The Schedule of Values must have the following line items included with the value of the item as indicated below:
 - a. O&M's (Owner's Manual)
 - 1) \$1,000,000.00 (One million) and under – 2% of the total contract amount
 - 2) Over \$1,000,000.00 (One million) – 1% of the total contract amount
 - b. Close Out Documents
 - 1) \$1,000,000.00 (One million) and under – 2% of the total contract amount
 - 2) Over \$1,000,000.00 (One million) – 1% of the total contract amount
 - c. General Conditions
 - 1) No more than 10%
- B. The Contractor shall submit an updated Schedule for presentation at each Monthly Progress Meeting. The Schedule shall be updated by the Contractor as necessary to reflect the current Schedule and its relationship to the original Schedule. The updated Schedule shall reflect any changes in the logic, sequence, durations, or completion date. Payments to the Contractor shall be suspended if the Progress Schedule is not adequately updated to reflect actual conditions.

- C. The Contractor shall submit Progress Schedules to Subcontractors to permit coordinating their Progress Schedules to the general construction Work. The Contractor shall coordinate preparation and processing of Schedules and reports with performance of other construction activities.

3.2 CONSTRUCTION PROGRESS SCHEDULE – BAR CHART SCHEDULE

- A. Bar-Chart Schedule: The Contractor shall prepare a comprehensive, fully developed, horizontal bar chart-type Contractor’s Construction Schedule. The Contractor for general construction shall prepare the Construction Schedule for the entire Project. The Schedule shall show the percentage of work to be completed at any time, anticipated monthly payments by Owner, as well as significant dates (such as completion of excavation, concrete foundation work, underground lines, superstructure, rough-ins, enclosure, hanging of fixtures, etc.) which shall serve as check points to determine compliance with the approved Schedule. The Schedule shall also include an activity for the number of “bad” weather days specified in Section 012100 – Allowances.
 - 1. The Contractor shall provide a separate time bar for each significant construction activity. Provide a continuous vertical line to identify the first working day of each week.
 - a. If practical, use the same Schedule of Values breakdown for schedule time bars.
 - 2. The Contractor shall provide a base activity time bar showing duration for each construction activity. Each bar is to indicate start and completion dates for the activity. The Contractor is to place a contrasting bar below each original schedule activity time for indicating actual progress and planned remaining duration for the activity.
 - 3. The Contractor shall prepare the Schedule on a minimal number of separate sheets to readily show the data for the entire construction period.
 - 4. Secure time commitments for performing critical elements of the Work from parties involved. Coordinate each element on schedule with other construction activities. Include minor elements involved in the overall sequence of the Work. Show each activity in proper sequence. Indicate graphically the sequences necessary for completion of related portions of the Work.
 - 5. Coordinate the Contractor’s Construction Schedule with the Schedule of Values, list of subcontracts, Submittal Schedule, progress reports, payment requests, and other required schedules and reports.
 - 6. Indicate the Intent to Award and the Contract Substantial Completion dates on the schedule.
- B. Phasing: Provide notations on the schedule to show how the sequence of the Work is affected by the following:
 - 1. Requirement for Phased completion
 - 2. Work by separate Contractors
 - 3. Work by the Owner
 - 4. Pre-purchased materials
 - 5. Coordination with existing construction
 - 6. Limitations of continued occupancies

7. Un-interruptible services
 8. Partial Occupancy prior to Substantial Completion
 9. Site restrictions
 10. Provisions for future construction
 11. Seasonal variations
 12. Environmental control
- C. Work Stages: Use crosshatched bars to indicate important stages of construction for each major portion of the Work. Such stages include, but are not necessarily limited to, the following:
1. Subcontract awards
 2. Submittals
 3. Purchases
 4. Mockups
 5. Fabrication
 6. Sample testing
 7. Deliveries
 8. Installation
 9. Testing
 10. Adjusting
 11. Curing
 12. Startup and placement into final use and operation
- D. Area Separations: Provide a separate time bar to identify each major area of construction for each major portion of the Work. For the purposes of this Article, a “major area” is a story of construction, a separate building, or a similar significant construction element.
1. Indicate where each construction activity within a major area must be sequenced or integrated with other construction activities to provide for the following:
 - a. Structural completion.
 - b. Permanent space enclosure
 - c. Completion of mechanical installation
 - d. Completion of the electrical portion of the Work
 - e. Substantial Completion

3.3 SCHEDULE OF SUBMITTALS

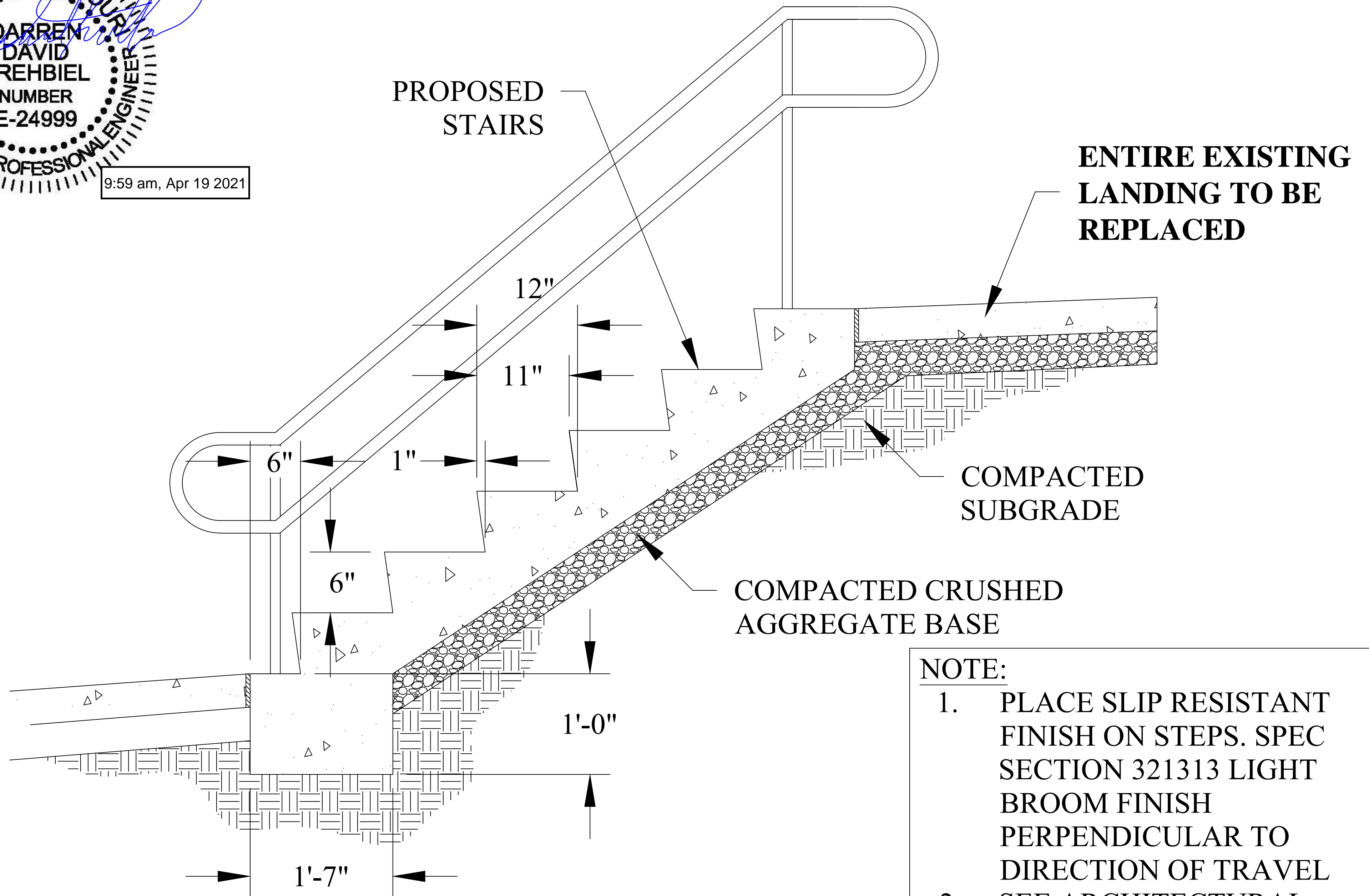
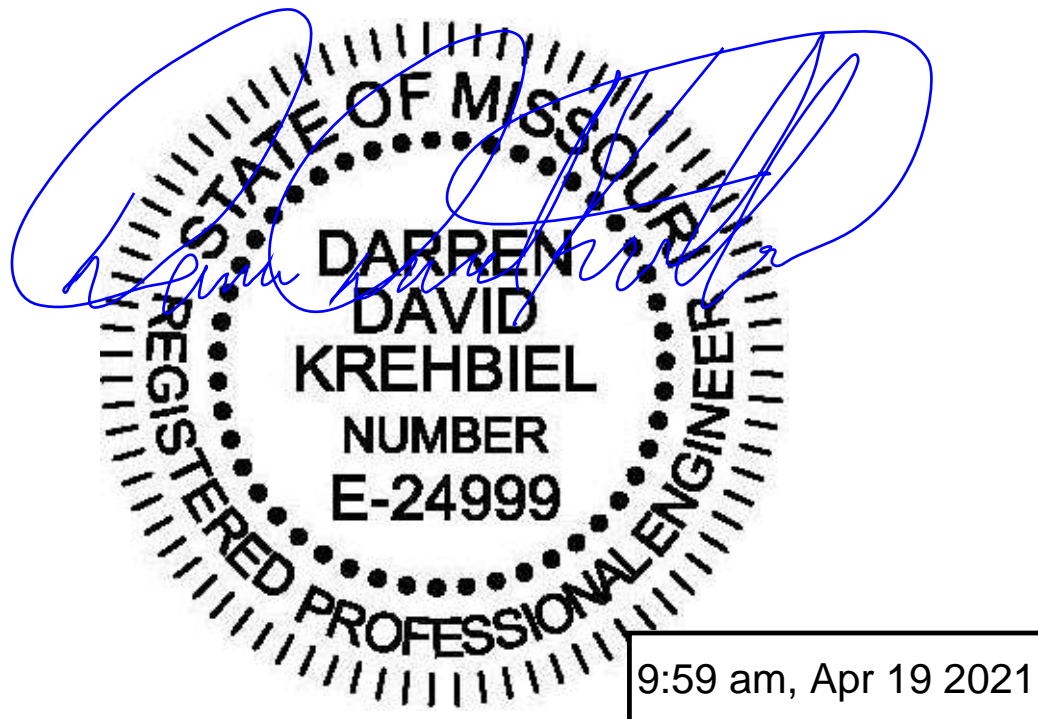
- A. Upon acceptance of the Construction Progress Schedule, prepare and submit a complete schedule of submittals. Coordinate the submittal schedule with Section 013300 SUBMITTALS, the approved Construction Progress Schedule, list of subcontracts, Schedule of Values and the list of products.
- B. Prepare the schedule in chronological order. Provide the following information

1. Scheduled date for the first submittal
 2. Related Section number
 3. Submittal category
 4. Name of the Subcontractor
 5. Description of the part of the Work covered
 6. Scheduled date for resubmittal
 7. Scheduled date for the Designer's final release or approval
- C. Distribution: Following the Designer's response to the initial submittal schedule, print and distribute copies to the Designer, Owner, subcontractors, and other parties required to comply with submittal dates indicated.
1. Post copies in the Project meeting room and temporary field office.
 2. When revisions are made, distribute to the same parties and post in the same locations. Delete parties from distribution when they have completed their assigned part of the Work and are no longer involved in construction activities.
- D. Schedule Updating: Revise the schedule after each meeting or other activity where revisions have been recognized or made. Issue the updated schedule concurrently with the report of each meeting.

3.4 SCHEDULE OF INSPECTIONS AND TESTS

- A. Prepare a schedule of inspections, tests, and similar services required by the Contract Documents. Submit the schedule with (15) days of the date established for commencement of the Contract Work. The Contractor is to notify the testing agency at least (5) working days in advance of the required tests unless otherwise specified.
- B. Form: This schedule shall be in tabular form and shall include, but not be limited to, the following:
1. Specification Section number
 2. Description of the test
 3. Identification of applicable standards
 4. Identification of test methods
 5. Number of tests required
 6. Time schedule or time span for tests
 7. Entity responsible for performing tests
 8. Requirements for taking samples
 9. Unique characteristics of each service
- C. Distribution: Distribute the schedule to the Owner, Architect, and each party involved in performance of portions of the Work where inspections and tests are required.

END OF SECTION 013200



NOTE:

1. PLACE SLIP RESISTANT FINISH ON STEPS. SPEC SECTION 321313 LIGHT BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL
2. SEE ARCHITECTURAL PLANS SHEET A202 FOR HAND RAIL DETAIL 5.

DETAIL C10
TYPICAL CONCRETE STEP DETAIL
 NO SCALE

SCALE: 1"=5'

HANDRAILS TO BE REPLACED.
SEE SHEET A202 DETAIL 5

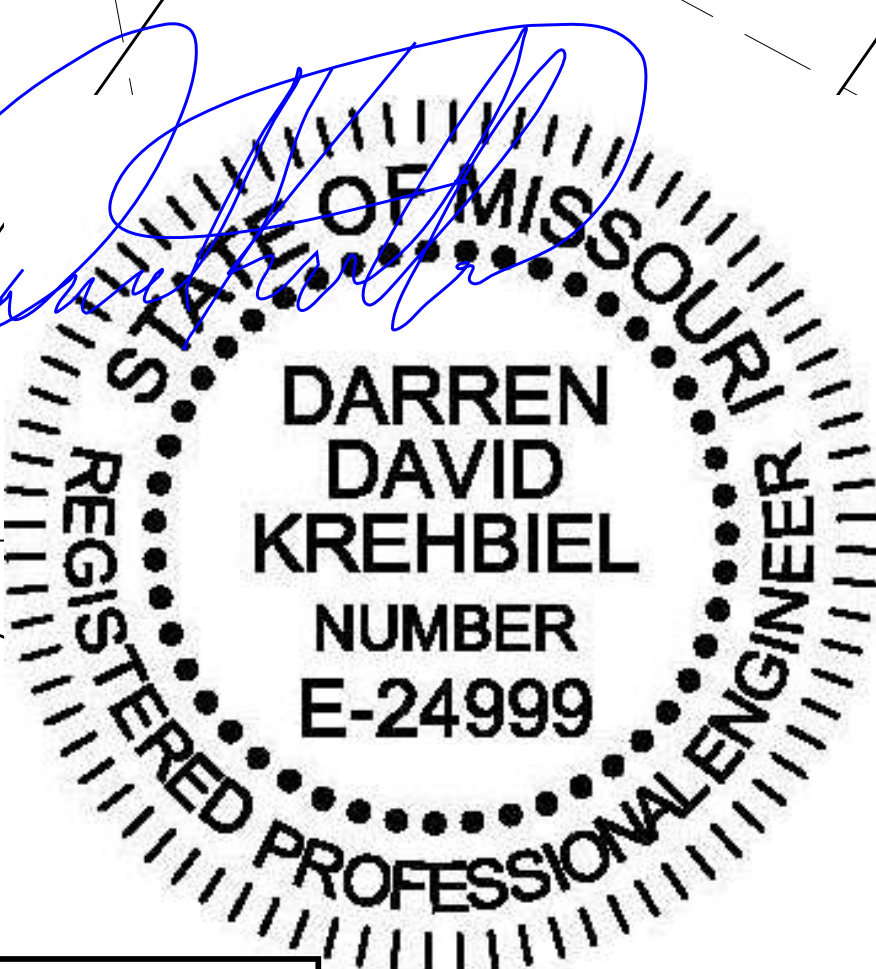
ENTIRE EXISTING LANDING
TO BE REPLACED.

LANDSCAPE
AREA

REMOVE
EXISTING
RAMP
(FULL DEPTH
SAW CUT)

SEE SHEET C-501 DETAIL C10
FOR CONCRETE STEP DETAILS.
SPEC SECTION 321313

LANDSCAPE
AREA



10:00 am, Apr 19 2021

NEW CONCRETE APPROACH,
BROOM FINISH.
SEE SIDEWALK DETAILS
SHEET C-501 DETAILS C11-C13
SPEC SECTION 321313

EXISTING LANDSCAPING
AND FLOWER BEDS TO
BE REMOVED. AREA TO
BE SEEDED.

EXISTING LANDSCAPING
BLOCKS TO BE
REMOVED AND
DELIVERED TO OWNER
AT OWNER'S
DISCRETION.

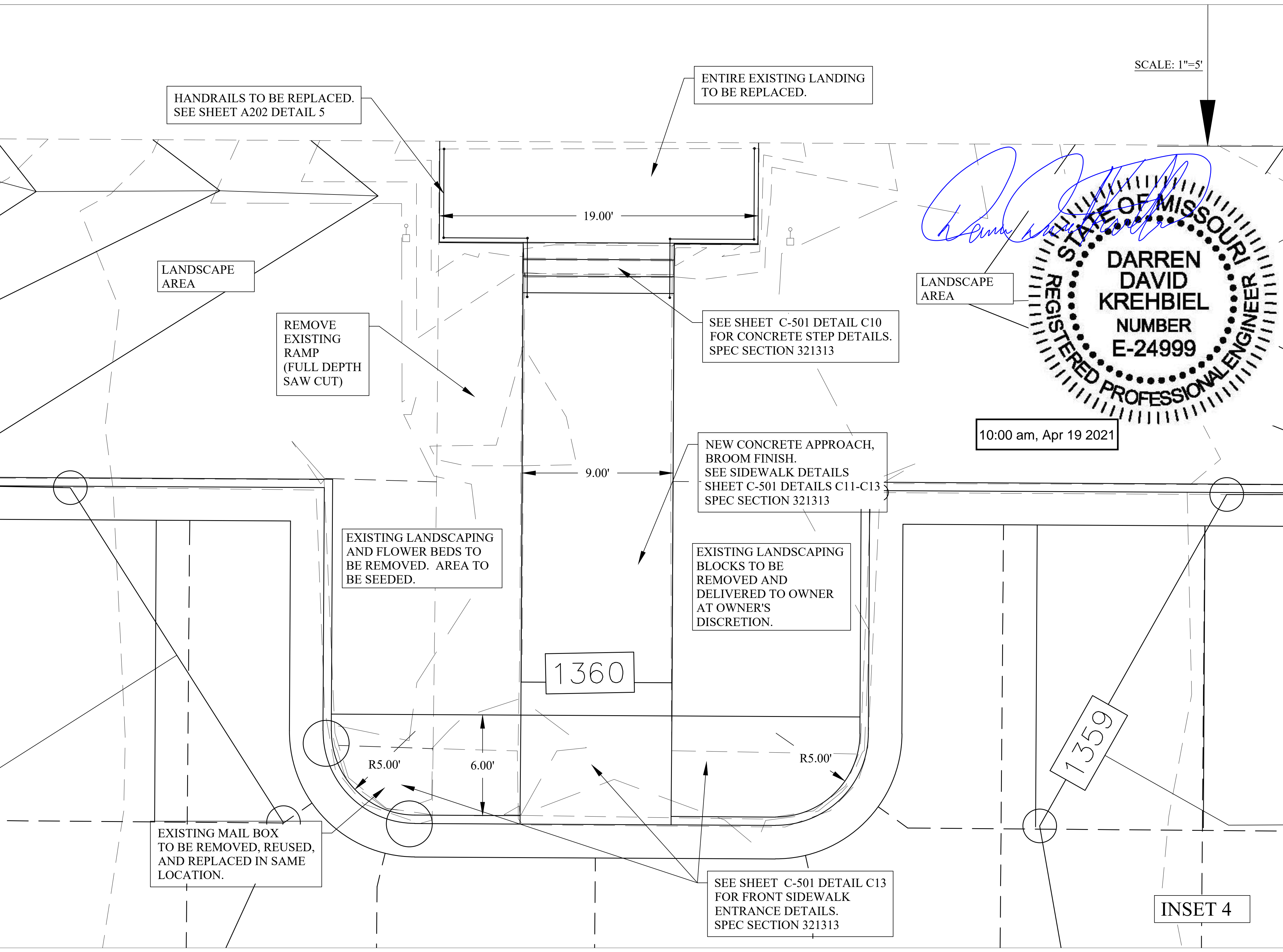
1360

13559

EXISTING MAIL BOX
TO BE REMOVED, REUSED,
AND REPLACED IN SAME
LOCATION.

SEE SHEET C-501 DETAIL C13
FOR FRONT SIDEWALK
ENTRANCE DETAILS.
SPEC SECTION 321313

INSET 4



SCALE: 1"=5'

EXISTING PLANTERS
(TO REMAIN)

8'
MOUNTABLE
CURB (THIS
SECTION)

EXISTING
PLANTER

EXISTING
PLANTER

EXISTING OUTDOOR LIGHT AND
WIRING TO BE REPLACED.
EXISTING CONCRETE LIGHT SUPPORT
MAY BE RE-USED

SLOPE TO
DRAIN

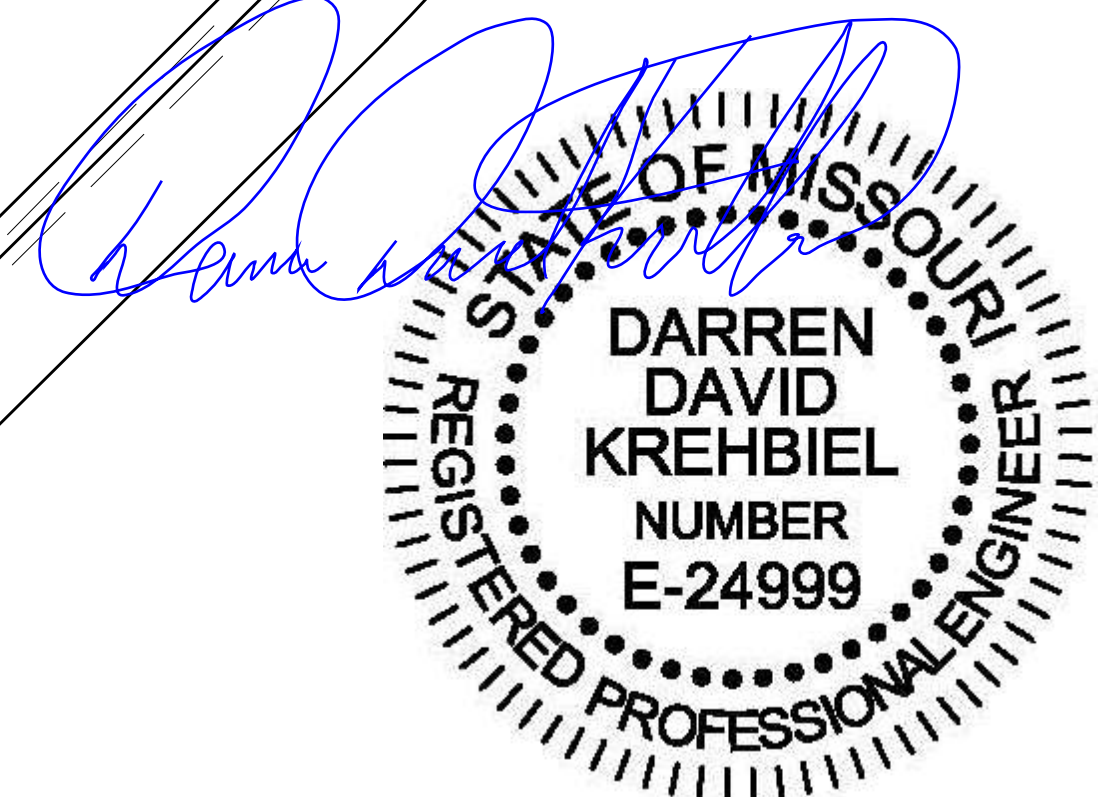
ISOLATION JOINTS
TO BE CONSTRUCTED
AROUND FLAG POLE DIAMOND
(NO LESS THAN 2'-0" IN LENGTH)
SEE SHEET C-401 DETAIL C5
SPEC SECTION 321313 & 321373

REPLACE EXISTING CONCRETE PAD AND
FLAG POLE. SEE SHEET C-501 DETAIL C15
FOR FLAG POLE DETAILS.
CONCRETE TO HAVE BROOM FINISH SEE
SPEC SECTION 321313

LANDSCAPE
AREA

EXISTING SIGN AND
LANDSCAPE AREA
(TO REMAIN)

NOTE:
NEW OUTDOOR LIGHT SHALL BE
COMMERCIALY MADE LED LIGHT FOR
OUTDOOR USE SIZED FOR USE WITH A
FORTY FOOT (40') FLAG POLE. LUMENS
PROVIDED SHALL MEET THE
REQUIREMENTS OF THE FLAG POLE
SUPPLIER FOR NIGHT TIME USE OF FLAG
DISPLAY.



9:59 am, Apr 19 2021

INSET 5