

January 16, 2025

ADDENDUM #2

TO CONTRACT DOCUMENTS FOR: Project #CP231541 – Virginia Avenue Substation and Underground Ductbank

ADVERTISEMENT DATE: November 21, 2024

PREPARED FOR: The Curators of the University of Missouri

CONSULTANT: Jacobs Engineering Group, Inc.
777 Main Street, 23rd Floor
Fort Worth, Texas 76102

The contract documents for the above noted project and the work covered thereby and herein modified.

GENERAL INFORMATION:

- 1) The bid opening date is being extended to **February 6, 2025** at 1:30 pm. All other provisions of the Advertisement for Bids remain unchanged.

PROJECT MANUAL (VOLUME 1):

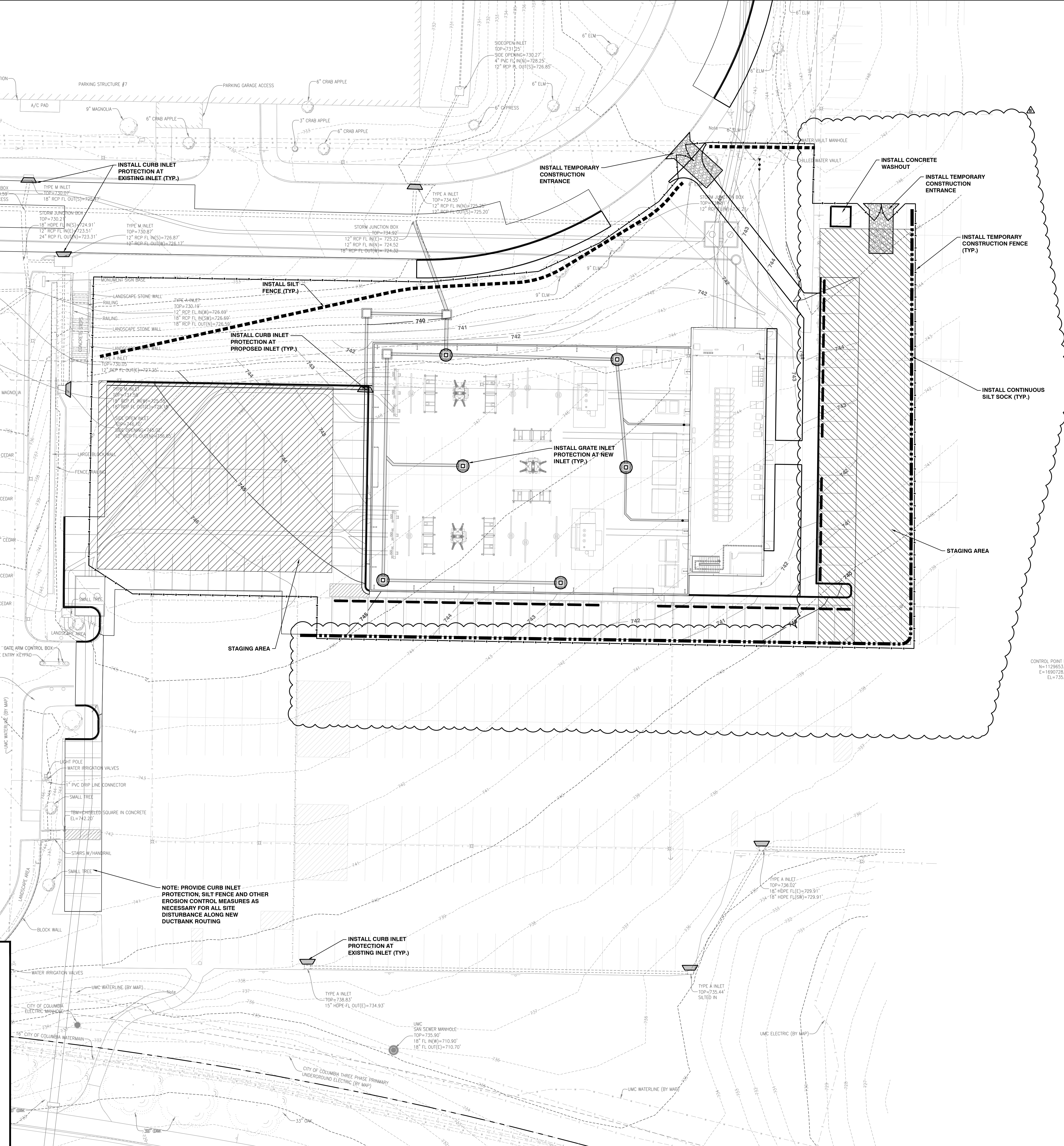
- 1) ADVERTISEMENT FOR BIDS: First paragraph, revise to read "...until 1:30 p.m., C.T., February 6, 2025 and then immediately opened and publicly read aloud."

DRAWINGS:

- 1) Civil: Replace following Rev A drawings with attached Rev B drawings:
C-101 C-801

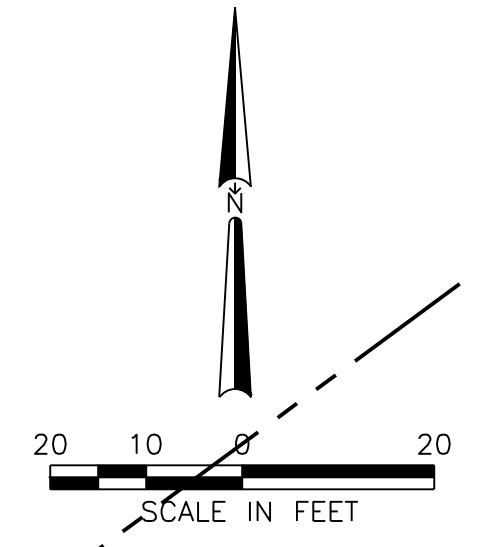
EROSION CONTROL NOTES

- EXCEPT WHERE NECESSARY TO INSTALL EROSION AND SEDIMENT CONTROL DEVICES, CLEARING & DEMOLITION ACTIVITIES SHALL NOT BEGIN UNTIL ALL EROSION CONTROL DEVICES AND CONSTRUCTION FENCING HAVE BEEN INSTALLED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL PROVIDE FOR CONTROL OF SURFACE EROSION AND SEDIMENT DEPOSITION DURING ALL PHASES OF CONSTRUCTION AND UNTIL THE OWNER ACCEPTS THE WORK AS COMPLETE. THE CONTRACTOR SHALL PROVIDE TEMPORARY SEEDING, BERMS, SILT FENCE, SEDIMENT TRAPS, OR OTHER MEANS TO PREVENT SEDIMENT FROM REACHING THE PUBLIC RIGHT-OF-WAY, STREAMS OR ADJACENT FACILITIES. IN THE EVENT THE PREVENTION MEASURES ARE NOT EFFECTIVE, THE CONTRACTOR SHALL REMOVE ANY DEBRIS SEDIMENT AND RESTORE THE PROPERTY TO ITS ORIGINAL OR BETTER CONDITION.
- CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ROADWAYS & SIDEWALKS ADJACENT TO THE CONSTRUCTION SITE FREE OF DIRT AND DEBRIS RESULTING FROM ACTIVITIES RELATED TO THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL CLEAN THE STREET ONCE PER DAY MINIMUM WHEN HEAVY TRACKOUT OCCURS. CONTRACTOR SHALL PROVIDE ADDITIONAL STREET CLEANING AT THEIR OWN EXPENSE TO KEEP STREETS CLEAN FROM MUD AND DEBRIS AS NECESSARY.
- CONTRACTOR SHALL KEEP THE ENTIRE PROJECT SITE FREE OF DEBRIS AND TRASH AT ALL TIMES. CONTRACTOR SHALL EXECUTE WORK USING METHODS THAT MINIMIZE EXCESSIVE NOISE OR DUST EMISSIONS. CONTRACTOR SHALL PROVIDE METHODS, MEANS AND FACILITIES TO PREVENT CONTAMINATION OF SOIL OR WATER FROM DISCHARGE OF REGULATED MATERIALS (I.E., DIESEL FUEL) USED DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE SECONDARY CONTAINMENT WHEN MORE THAN 50 GALLONS OF FUEL ARE STORED ON SITE.
- STOCKPILE AREAS SHALL BE GRADED SUCH THAT THEY DO NOT EXCEED 3:1. SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF THE AREAS AND THE AREAS SHALL BE SEEDED WITHIN 14 DAYS ONCE CONSTRUCTION ACTIVITIES ON THEM CEASE.
- THE CONTRACTOR SHALL REQUEST THE OWNER'S REPRESENTATIVE TO INSPECT AND APPROVE THE SEDIMENT CONTROL MEASURES UPON THE COMPLETION OF VARIOUS STAGES OF THE WORK.
- CONTRACTOR MUST INSTALL AND MAINTAIN THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN. IF THE ENGINEER, OWNER'S REPRESENTATIVE, DETERMINES THAT THE INSTALLATION OR THE MAINTENANCE IS INADEQUATE, THE CONTRACTOR MUST IMMEDIATELY CORRECT AT THEIR EXPENSE. IF IT IS DETERMINED THAT ADDITIONAL EROSION CONTROL MEASURES ARE NEEDED THE CONTRACTOR WILL BE DIRECTED TO INSTALL AND MAINTAIN THOSE MEASURES.
- FOLLOWING THE FINAL REMOVAL OF ALL EROSION CONTROL MEASURES THE CONTRACTOR SHALL RE-GRADE AND RE-SOD ALL AREAS THAT WERE DISTURBED BY THE REMOVAL.
- THE CONTRACTOR SHALL INSPECT THE LAND DISTURBANCE SITE AT LEAST ONCE EVERY SEVEN (7) DAYS AND WITHIN TWENTY-FOUR (24) HOURS FOLLOWING EACH RAINFALL EVENT OF 0.25" OR MORE WITHIN ANY TWENTY-FOUR (24) HOUR PERIOD. THE CONTRACTOR SHALL ALSO INSPECT AND ASSURE THAT ALL SEDIMENT CONTROL DEVICES ARE IN WORKING CONDITION PRIOR TO ANY FORECASTED RAINFALL.
- THE CONTRACTOR SHALL REMOVE SEDIMENT FROM THE FLOW AREAS AND MAKE ALL NECESSARY REPAIRS TO MAINTAIN THE INTEGRITY OF THE SEDIMENT CONTROL MEASURES. SEDIMENT SHALL BE REMOVED ONCE IT REACHES 1/2 THE INSTALLED HEIGHT OF MEASURE.
- SOME OF THE EROSION AND SEDIMENT CONTROL MEASURES, WILL REQUIRE THE CONTRACTOR TO INSTALL, REMOVE, AND REINSTALL THE MEASURES AS CONSTRUCTION PROCEEDS. THE PHASING OF THIS WORK IS DEPENDENT ENTIRELY ON THE CONTRACTOR'S SCHEDULE, AND IS NOT SPECIFIED HEREIN. HOWEVER, THE CONTRACTOR SHALL COORDINATE THESE ACTIONS WITH THE ENGINEER AT THE TIMES ADJUSTMENTS ARE NEEDED.
- CONSTRUCTION FENCE SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE IN THE FIELD. CONTRACTOR SHALL SPRAY PAINT PROPOSED FENCE LOCATION FOR OWNER REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MOWING ALL AREAS WITHIN CONSTRUCTION FENCING.
- IMMEDIATE INITIATION OF TEMPORARY STABILIZATION BMPs ON DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED ON THAT PORTION OF THE PROJECT SITE IF CONSTRUCTION ACTIVITIES WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. TEMPORARY STABILIZATION MAY INCLUDE ESTABLISHMENT OF VEGETATION, GEOTEXTILES, MULCHES OR OTHER TECHNIQUES TO REDUCE OR ELIMINATE EROSION UNTIL EITHER FINAL STABILIZATION CAN BE ACHIEVED OR UNTIL FURTHER CONSTRUCTION ACTIVITIES TAKE PLACE TO RE-DISTURB THE AREA. THIS STABILIZATION MUST BE COMPLETED WITHIN 14 CALENDAR DAYS.
- AN INSPECTION LOG SHALL BE MAINTAINED AND SHALL BE AVAILABLE FOR REVIEW BY THE REGULATORY AUTHORITY.
- CONCRETE WASH OR RINSEWATER FROM CONCRETE MIXING EQUIPMENT, TOOLS AND/OR READY-MIX TRUCKS, TOOLS, ETC. MAY NOT BE DISCHARGED INTO OR BE ALLOWED TO RUN TO ANY EXISTING WATER BODY OR PORTION OF THE STORMWATER SYSTEM. ONE OR MORE LOCATIONS FOR CONCRETE WASH OUT WILL BE DESIGNATED ON SITE, SUCH THAT DISCHARGES DURING CONCRETE WASHOUT WILL BE CONTAINED IN A SMALL AREA WHERE WASTE CONCRETE CAN SOLIDIFY IN PLACE. PROPER SIGNAGE WILL BE INSTALLED TO DIRECT USERS TO THE CONCRETE WASHOUT. CONCRETE WASHOUTS MUST BE INSTALLED PRIOR TO POURING ANY CONCRETE.
- POLLUTION OF STREAMS, LAKES, WETLANDS, DRAINAGE WAYS OR STORM SEWERS FROM FUEL, OILS, HAZARDOUS CHEMICALS, SEDIMENT, TRASH, DEBRIS, OR OTHER SUBSTANCES RESULTING FROM CONSTRUCTION ACTIVITIES SHALL NOT BE ALLOWED. CONTRACTOR SHALL REPORT ALL SPILLS TO THE UNIVERSITY OF MISSOURI CONSTRUCTION MANAGER.
- NOTIFICATION TO ALL CONTRACTORS: THE PERMITTEE SHALL BE RESPONSIBLE FOR NOTIFYING EACH CONTRACTOR OR ENTITY (INCLUDING UTILITY CREWS AND CITY EMPLOYEES OR THEIR AGENTS) WHO WILL PERFORM WORK AT THE SITE OF THE EXISTENCE OF THE SWPPP AND WHAT ACTION OR PRECAUTIONS SHALL BE TAKEN WHILE ON-SITE TO MINIMIZE THE POTENTIAL FOR EROSION AND THE POTENTIAL FOR DAMAGING ANY BMP. THE SWPPP SHALL CONTAIN A LIST OF CONTRACTORS OR ENTITIES THAT HAVE BEEN NOTIFIED. THE PERMITTEE IS RESPONSIBLE FOR ANY DAMAGE A SUBCONTRACTOR MAY DO TO ESTABLISHED BMPs AND ANY SUBSEQUENT WATER QUALITY VIOLATION RESULTING FROM DAMAGE.



LEGEND :

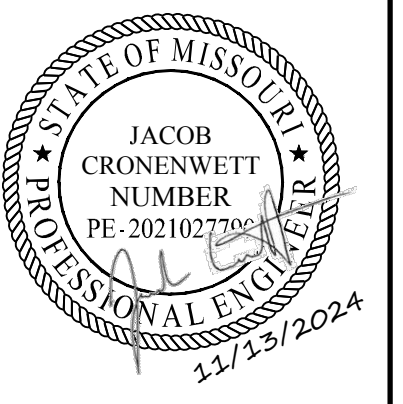
- TEMPORARY CONSTRUCTION ENTRANCE
RE: 1/C-112
- SILT FENCE
RE: 1/C-111
- CONTINUOUS SILT SOCK
- SEDIMENT FENCE DROP INLET SEDIMENT TRAP
RE: 2/C-111
- SOD DROP INLET SEDIMENT TRAP
RE: 3/C-111
- GRAVEL FILTER BAGS
- TEMPORARY CONSTRUCTION FENCE
RE: 4/C-111
- CONTRACTOR STAGING AREA



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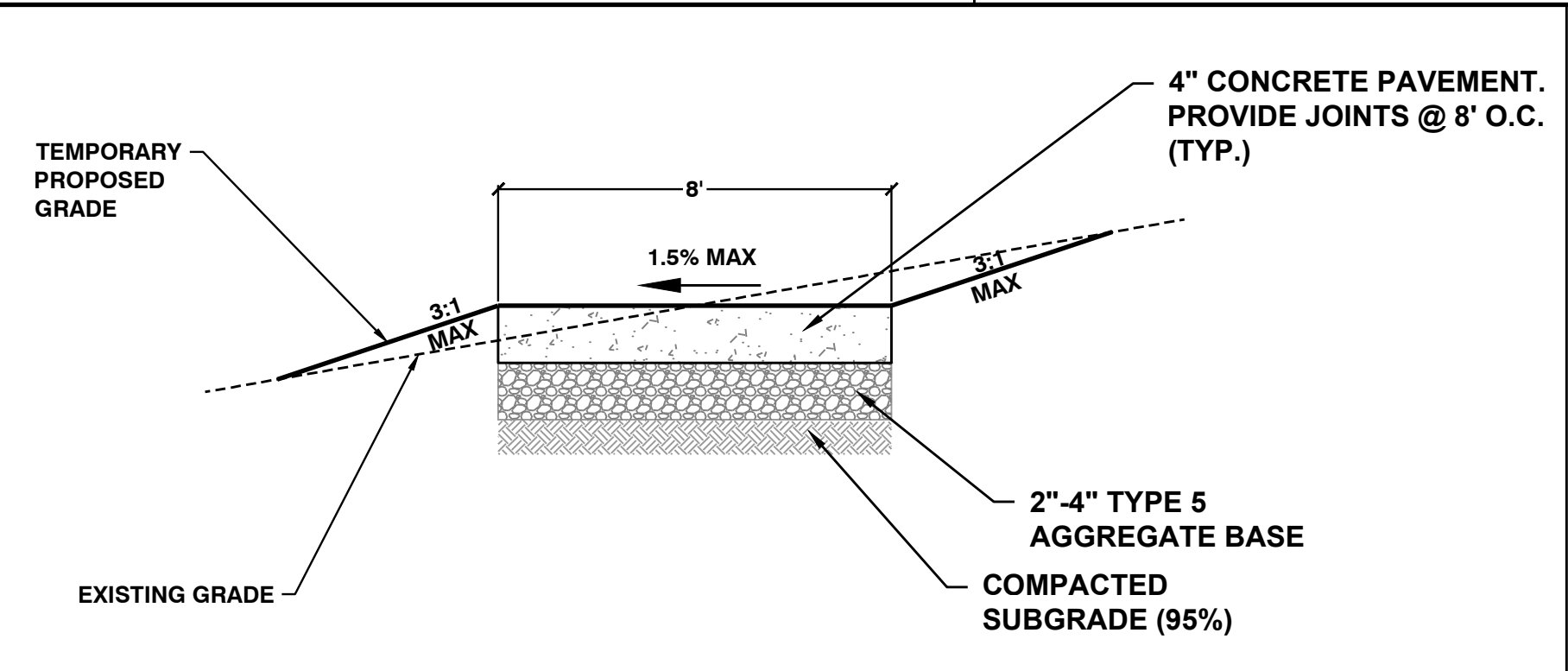


NO.	DATE	DESIGN	DR	CHK	AE	SM	APVD	BY	APVD	JC
1	01/15/24	JACOB CRONNWEITT								
2	01/15/24	JACOB CRONNWEITT								

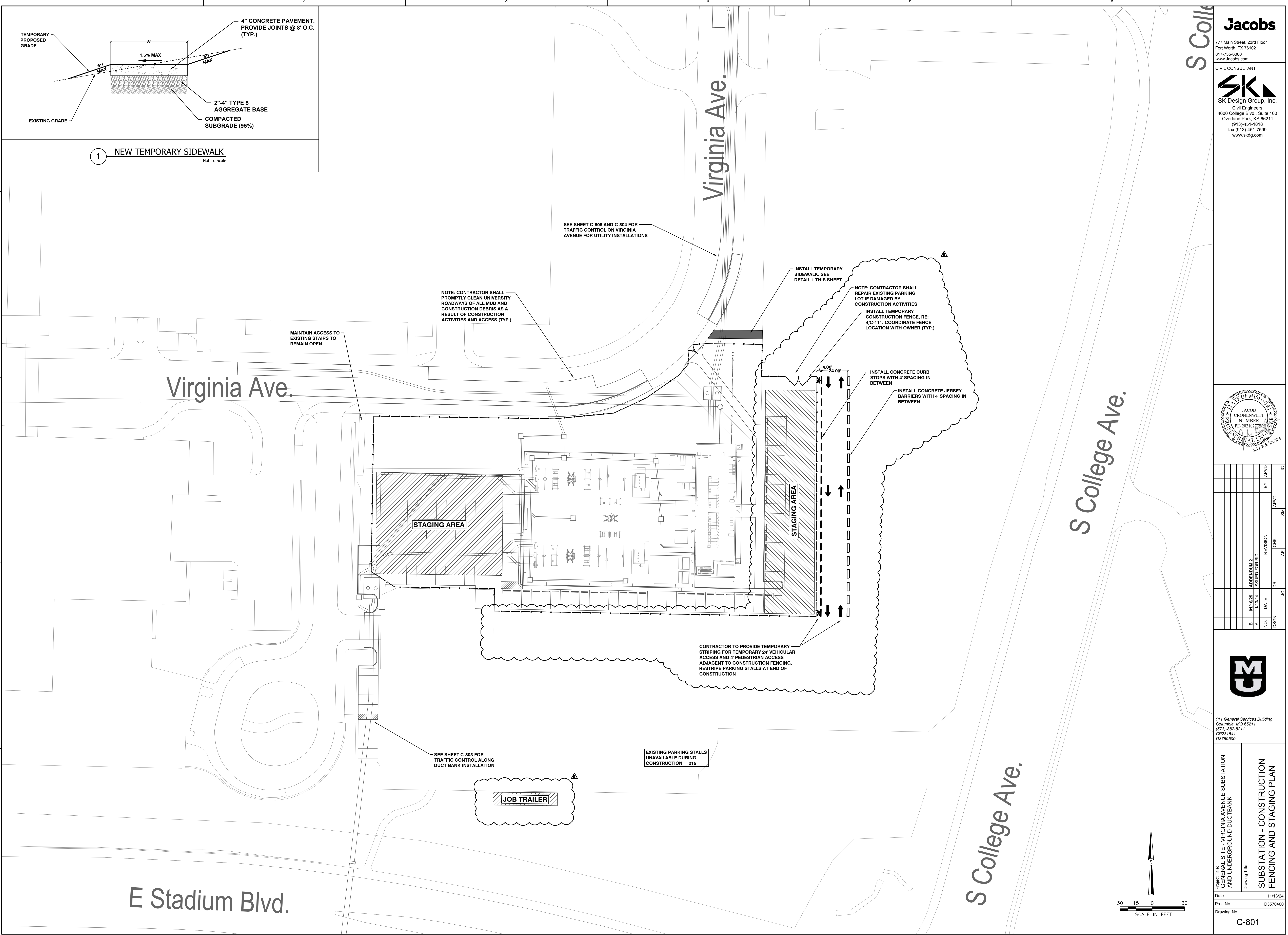
U

111 General Services Building
 Columbia, MO 65211
 (573)-882-8211
 CP231541
 D3759500

Project Title: VIRGINIA AVENUE SUBSTATION AND UNDERGROUND DUCTBANK
 Drawing Title: EROSION CONTROL PLAN - 1
 Date: 11/13/24
 Proj. No.: D3570400
 Drawing No.: C-101



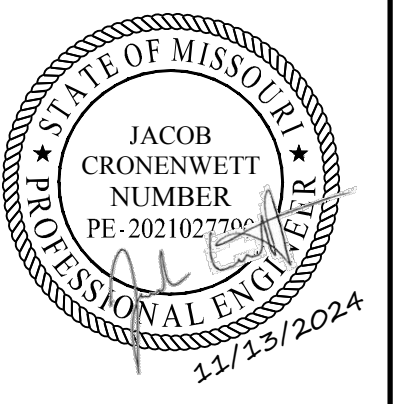
1 NEW TEMPORARY SIDEWALK
Not To Scale



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NO.	DATE	DR	CHK	AE	SM	APVD	JC
B	01/15/24	DESIGNER					
A	01/15/24	ISSUED FOR BID					



111 General Services Building
Columbia, MO 65211
(573)-882-8211
CF231541
D3759500

Project Title: GENERAL SITE - VIRGINIA AVENUE SUBSTATION AND UNDERGROUND DUCTBANK
Drawing Title: SUBSTATION - CONSTRUCTION FENCING AND STAGING PLAN
Date: 11/13/24
Proj. No.: D3570400
Drawing No.: C-801