

RICHLAND COUNTY

ADMINISTRATION AND FINANCE COMMITTEE

AGENDA



TUESDAY SEPTEMBER 24, 2024

6:00 PM

COUNCIL CHAMBERS

Richland County Council 2024



Deirrek Pugh
District 2
Vice Chair



Jason Branham
District 1



Gretchen D. Barron
District 7



Yvonne McBride
District 3



Paul Livingston
District 4



Allison Terracio
District 5



Don Weaver
District 6



Overture E. Walker
District 8



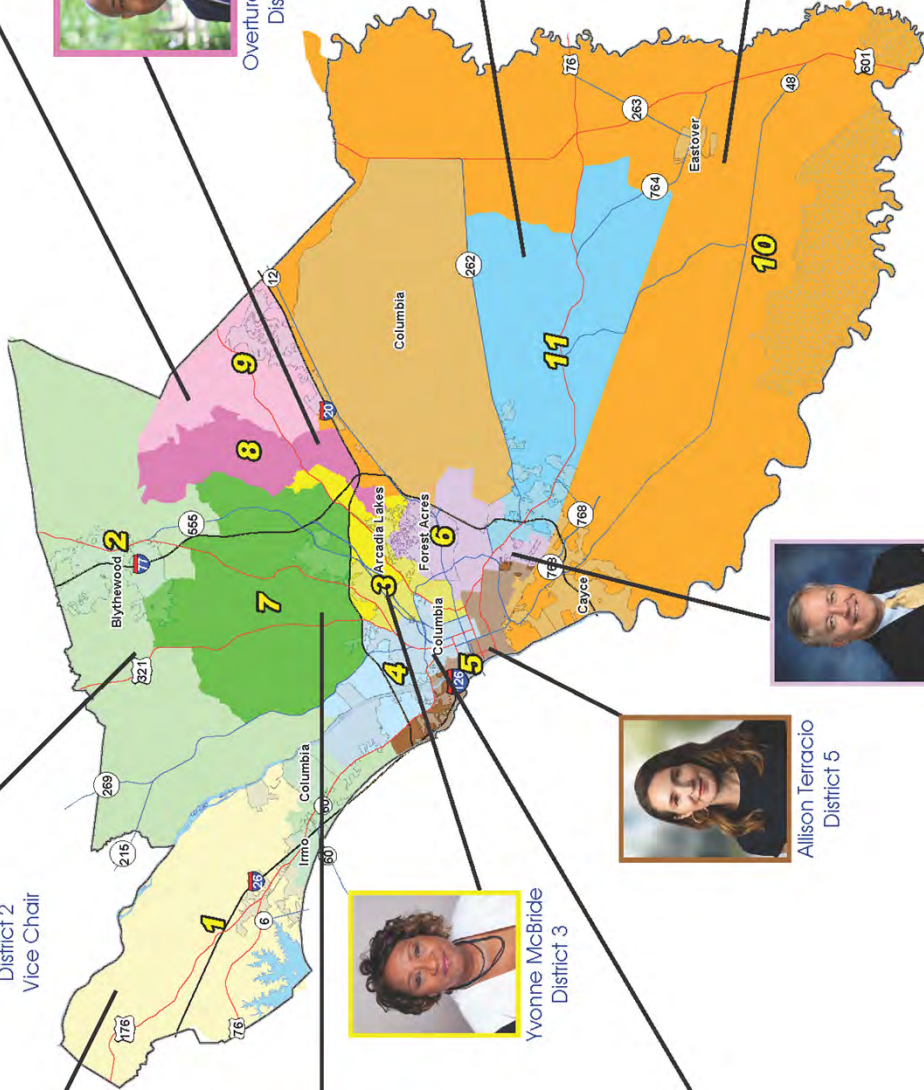
Chakisse Newton
District 11



Cheryl D. English
District 10



Jessica Mackey
District 9
Chair





**Richland County
Administration and Finance Committee**

AGENDA

September 24, 2024 - 6:00 PM
2020 Hampton Street, Columbia, SC 29204

The Honorable Derrek Pugh	The Honorable Yvonne McBride	The Honorable Paul Livingston	The Honorable Don Weaver	The Honorable Overture E. Walker, Chair
County Council District 2	County Council District 3	County Council District 4	County Council District 6	County Council District 8

1. **CALL TO ORDER** The Honorable Overture E. Walker
2. **APPROVAL OF MINUTES** The Honorable Overture E. Walker
 - a. July 23, 2024 **[PAGES 6-28]**
3. **APPROVAL OF AGENDA** The Honorable Overture E. Walker
4. **ITEMS FOR ACTION** The Honorable Overture E. Walker
 - a. Operational Services - Upper Ballentine Fire Station Architectural Services **[PAGES 29-30]**
 - b. Department of Public Works - Solid Waste & Recycling Division - Roll-off Container Hauling Services Agreement **[PAGES 31-33]**
 - c. Department of Public Works - Solid Waste & Recycling Division - Mobile Waste Shredder Purchase **[PAGES 34-76]**
 - d. Department of Public Works - Engineering Division - Hobart Road Realignment Project Award **[PAGES 77-80]**
5. **FOR INFORMATION/DISCUSSION** The Honorable Overture E. Walker
 - a. Capital Projects Update – Columbia Place Mall **[PAGES 81-134]**
6. **ITEMS PENDING ANALYSIS: NO ACTION REQUIRED** The Honorable Overture E. Walker
 - a. I move that 15% of each prior year’s collections of accommodations tax be allocated for affordable

housing in alignment with Sect. 6-1-530 (7) of the S.C. Code of Laws', workforce housing and home ownership promotion requirement and Act 57 of 2023's "mortgage assistance" requirement. This allocation is to directly focus on down payment assistance for homeownership for Richland County employees, public safety, EMS and Richland One and Two teachers. [Mackey, Barron, Terracio, (10 September 2024)]

7. ADJOURN

The Honorable Overture Walker



Special Accommodations and Interpreter Services Citizens may be present during any of the County's meetings. If requested, the agenda and backup materials will be made available in alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), as amended and the federal rules and regulations adopted in implementation thereof. Any person who requires a disability-related modification or accommodation, including auxiliary aids or services, in order to participate in the public meeting may request such modification, accommodation, aid or service by contacting the Clerk of Council's office either in person at 2020 Hampton Street, Columbia, SC, by telephone at (803) 576-2061, or TDD at 803-576-2045 no later than 24 hours prior to the scheduled meeting.



Richland County Council
ADMINISTRATION AND FINANCE COMMITTEE

MINUTES

July 23, 2024 – 6:00 PM

Council Chambers

2020 Hampton Street, Columbia, SC 29204

COMMITTEE COUNCIL MEMBERS PRESENT: Derrek Pugh, Yvonne McBride, Paul Livingston, Don Weaver, and Overture Walker.

OTHERS PRESENT: Ashiya Myers, Angela Weathersby, Anette Kirylo, Patrick Wright, Ashley Fullerton, Tamar Black, Jennifer Wladischkin, Kyle Holsclaw, Jackie Hancock, Leonardo Brown, Dale Welch, Michael Maloney, Shirani Fuller, Michael Byrd, John Thompson, John McKenzie, Stacey Hamm, Kate Bugby, Geo Price, Thomas Gilbert, Aric Jensen, and Quinton Epps.

1. **CALL TO ORDER** – Chairman Overture Walker called the meeting to order at approximately 6:00 PM.

2. **APPROVAL OF MINUTES**

a. June 25, 2024 – Mr. Pugh moved to approve the minutes as distributed, seconded by Mr. Weaver.

In Favor: Pugh, McBride, Livingston, Weaver, and Walker

The vote in favor was unanimous.

3. **ADOPTION OF AGENDA** – Mr. Pugh moved to adopt the agenda as published, seconded by Ms. McBride.

In Favor: Pugh, McBride, Livingston, Weaver, and Walker

The vote in favor was unanimous.

4. **ITEMS FOR ACTION**

a. Community Planning & Development – Conservation – Ganus Conservation Easement Negotiation [EXECUTIVE SESSION]

Mr. Pugh moved to go into Executive Session, seconded by Mr. Weaver.

In Favor: Pugh, McBride, Livingston, Weaver, and Walker

The vote in favor was unanimous.

*The Committee went into Executive Session at approximately 6:03 PM
and came out at approximately 6:12 PM*

Mr. Pugh moved to come out of Executive Session, seconded by Mr. Walker.

In Favor: Pugh, McBride, Livingston, Weaver, and Walker

The vote in favor was unanimous.

Mr. Walker indicated the committee entered Executive Session to receive legal advice. No action was taken in Executive Session.

Mr. Pugh moved to direct the Administrator to proceed with negotiations as discussed in Executive Session, seconded by Mr. Livingston.

In Favor: Pugh, McBride, Livingston, Weaver, and Walker

The vote in favor was unanimous.

5. **ADJOURNMENT** – Mr. Livingston moved to adjourn the meeting, seconded by Mr. Walker.

In Favor: Pugh, McBride, Livingston, Weaver, and Walker

The vote in favor was unanimous.

The meeting adjourned at approximately 6:13 PM.

**RICHLAND COUNTY
ADMINISTRATION**

2020 Hampton Street, Suite 4069
Columbia, SC 29204
803-576-2050



Agenda Briefing

Prepared by:	John McKenzie	Title:	Analyst
Department:	Community Planning & Development	Division:	Conservation
Date Prepared:	June 25, 2024	Meeting Date:	July 23, 2024
Legal Review	Christopher Ziegler via email	Date:	July 10, 2024
Budget Review	Maddison Wilkerson via email	Date:	July 3, 2024
Finance Review	Stacey Hamm via email	Date:	July 3, 2024
Approved for consideration:	Assistant County Administrator	Aric A Jensen, AICP	
Meeting/Committee	Administration & Finance		
Subject	Ganus Conservation Easement Negotiations		

RECOMMENDED/REQUESTED ACTION:

The Richland County Conservation Commission (RCCC) recommends that County Council authorizes the County Administrator to negotiate with the current owners of the property(s) encumbered by the Ganus conservation easement.

Request for Council Reconsideration: Yes

FIDUCIARY:

Are funds allocated in the department’s current fiscal year budget?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If not, is a budget amendment necessary?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

ADDITIONAL FISCAL/BUDGETARY MATTERS TO CONSIDER:

Funds are not required for these negotiations. If funds are needed or accepted, they are available or will be placed in the Conservation Division budget. Fund #1209; Cost Center #4510; Acquisition.

Applicable fund, cost center, and spend category: Fund: 1209
Cost Center: 4510; Acquisition

OFFICE OF PROCUREMENT & CONTRACTING FEEDBACK:

Not applicable.

COUNTY ATTORNEY’S OFFICE FEEDBACK/POSSIBLE AREA(S) OF LEGAL EXPOSURE:

There are no immediate legal issues presented by authorizing County Administration to negotiate with the current easement holders and property owners. Any conclusions or decisions reached through the negotiation period must be approved by County Council and it would be improper to speculate as to the legal implications of a proposed agreement.

It is important to note that statutory authority allows for changes and termination to a conservation easement. The South Carolina Code of Laws provides that a conservation easement may be “released, modified, terminated, or otherwise altered or affected in the same manner as other easements.” S.C. Code Ann. § 27-8-30. The County is not statutorily limited in presenting these options during negotiations but any specific terms must be analyzed before presentation to County Council.

REGULATORY COMPLIANCE:

Any disposition of County-owned real estate must follow the SC Code of Laws and Richland County Ordinance.

MOTION OF ORIGIN:

There is no associated Council motion of origin.

STRATEGIC & GENERATIVE DISCUSSION:

Richland County holds conservation easements on many privately-owned properties, generally for the preservation of agriculture, wetlands, forestry, recreation, and/or wildlife habitat activities. The owners of one of the properties with a County held easement approached County staff to request a modification to the terms of the easement. The Richland County Conservation Commission (RCCC) has reviewed the request and recommends that the Council authorize the Administrator to negotiate with the property owner, which may include, but is not limited to, offering the owners the opportunity to buy back and extinguish the easement for reasons outlined below.

The Ganus Easement (TMS R01700-10-04) comprises 14 acres located at approximately 2400 Chapin Rd., Chapin, SC. (see Ganus Easement RCGIS aerial map attached). The easement agreement was recorded on November 30, 2010, and Richland County paid the original owner, the now deceased Mildred Ganus, \$14,000 (\$1,000/ac). In 2023, Ms. Brenda Quick, who inherited the property, subdivided it and sold 11.66 +/- acres to Christopher Ball without notification or permission from the County as required by the terms of the easement. Mr. Ball now desires to subdivide the property again and construct two (2) new homes.

County staff and the Conservation Commission are of the opinion that there is no value in preserving the conservation easement given the relatively small size of the property, and because the easement contemplates the possibility of additional development. The recommendation is to offer the property owners the ability to purchase and extinguish the easement, thus entitling the owners to develop in accordance with the existing Homestead (HM) zoning designation.

Some of the issues requiring resolution include:

1. Failure by the property owner to notify and seek permission from the County to subdivide the original 14 acres described in the conservation easement;
2. The current request by Mr. Ball to resubdivide the 11.66 acres at a future date to construct two single-family dwellings as contemplated in section 8D and section 11 of the conservation easement;
3. Documentation and evidence demonstrating 11.66-acre parcel has legal access to Chapin Rd via the two "buggy path" parcels, and that this access is sufficient for the future development contemplated;
4. The proposed additional structures, utilities, and access will diminish the already limited conservation value of the property; therefore, it may be in the County's interest to sell back the easement and repurpose the funds to a more viable project.

ASSOCIATED STRATEGIC GOAL, OBJECTIVE, AND INITIATIVE:

Goal: Foster Good Governance

Objectives:

- Develop realistic and achievable goals
- Create a shared vision with agreement by County leadership

ATTACHMENTS:

1. Ganus Easement
2. Ganus Easement RCGIS

CONSERVATION EASEMENT

THIS DEED OF CONSERVATION EASEMENT ("Easement") granted this 30th day of November, 2010; by Mildred A. Ganus (Grantor), having an address of 2400 Chapin Road, Chapin SC 29036 to Richland County, ("Grantee").

WITNESSETH:

Grantor is the owner of approximately 14 acres listed as Richland County Tax Map #1700-10-04, in Richland County, South Carolina more particularly described on Attachment A.

Grantee is an organization described in Section 501(c) (3) of the Internal Revenue Code of 1986, as amended (the "Code"), and meets the requirements of Section 509(a) (2) of the Code. Grantee is a "qualified organization," as such terms is defined in Section 170(h) (3) of the Code, and is qualified to hold conservation easements under the laws of the State of South Carolina.

Grantor wishes to convey to Grantee, for conservation purposes, a perpetual restriction on the uses which may be made of the Property.

The grant of this Easement will also serve the following "conservation purposes," as such term is defined in Section 170(h) (4) (A) of the Code:

The furtherment of the South Carolina Conservation Easement Act, 27-8-10 et seq authorizes the acquisition of conservation easements by local governments;

The fulfillment of the goals of Richland County Comprehensive Plan, as adopted in 2009, including the protection of quality of life which this easement fulfills by providing an undeveloped buffer to traditional communities of the County.

The fulfillment of the goals of The Richland County Conservation Commission which has identified lands of importance to the community's continued high water quality as a pressing need, with the preservation of this land on a perennial stream in the Wateree Creek Watershed will help to fulfill.

The fulfillment of the Spring Hill Conservation Plan, prepared by The Richland County Planning Commission and adopted by the Richland County Council to recommend and support land preservation in Northwestern Richland County.

The preservation of land of historic importance to Richland County because of its relationship to the agrarian past and historic development of the community, and the preservation of prime farmland soils and lands of 18% critical slope as identified by the U.S. Department of Agriculture and located on the protected property.

Book 1656-2315
2010087521 10/29/2010 11:27 AM 01. Easement
Fee: \$0.00 County Tax: \$0.00 State Tax: \$0.00



2010087521 Richard W. Rodden Richland County, R.C.C.

The current use of the Property and its current improvements are consistent with the conservation purposes of this Easement. The agricultural, natural habitat, scenic, open space, or historic resources of the Property are collectively referred to herein as the "conservation values" of the Property.

The conservation values of the Property and its current use and state of improvement are described in a Baseline Report prepared by Grantee with the cooperation of Grantor. Grantor and Grantee have copies of the Report, and acknowledge that the Report is accurate as of the date of this Easement. The Report may be used by Grantee to establish that a change in the use or character of the Property has occurred, but its existence shall not preclude the use by Grantee of other evidence to establish the condition of the Property as of the date of this Easement. Copies of the Baseline Report on file at the offices of the Grantee

Grantor intends that the conservation values of the Property be preserved and maintained, and Grantor intends to convey to Grantee the right to preserve and protect the conservation values of the Property in perpetuity.

THEREFORE, in consideration of Fourteen Thousand Dollars and no cents (\$14,000.00) and other good and valuable consideration, receipt of which is hereby acknowledged, pursuant to Section 170(h) of the Code and section 27-8-10 et seq. of South Carolina Code of Laws of 1976, as amended; Grantor does hereby voluntarily grant and convey unto the Grantee, a preservation and conservation easement in gross in perpetuity over the Protected Property, owned by the Grantor, and more particularly described as:

Approximately 14 acres listed as Richland County Tax Map # Map #1700-10-04 in Richland County, South Carolina more particularly described on Attachment A

1. Grant of Conservation Easement

Grantor hereby voluntarily grants and conveys to Grantee, and Grantee hereby voluntarily accepts, a perpetual Conservation Easement, an immediately vested interest in real property defined by the South Carolina Conservation Easement Act of the nature and character described herein. Grantor will neither perform, nor knowingly allow other to perform, any act on or affecting the Property that is inconsistent with the covenants contained herein. Grantor authorizes Grantee to enforce these covenants in the manner described below.

2. Statement of Purpose

The primary purpose of this Easement is to enable the Property to remain in traditional use by preserving and protecting its rural nature and other conservation features. No activity which significantly impairs the conservation purpose of the Property shall be permitted. To the extent that the preservation and protection of the natural, historic, recreational, habitat or scenic values referenced in this Easement is consistent with the primary purpose stated above, it is also the purpose of this Easement to protect those values, and no activity which shall significantly impair those values shall be permitted.

3. Rights and Responsibilities Retained by Grantor

Notwithstanding any provisions of this Easement to the contrary, Grantor reserves all customary rights and privileges of ownership, including the rights to sell, lease, and divide the Property, as well as any other rights consistent with the conservation values of the Property and not specifically prohibited or limited by this Easement. Unless otherwise specified below, nothing in this Easement shall require Grantor to take any action to restore the condition of the Property after any Act of God or other event over which Grantor had no control. Nothing in this Easement relieves Grantor of any obligation in respect to the Property or restriction in the use of the Property imposed by law.

4. Rights to Use Property for Traditional Purposes

Grantor retains the right to use the Property for traditional agricultural purposes, or to permit others to use the Property for agricultural purposes, in accordance with applicable law.

5. Right to Privacy

Grantor retains the right to privacy and the right to exclude any member of the public from trespassing on the Property.

6. Right to Use the Property for Customary Rural Enterprises

Grantor retains the rights to use the Property for otherwise lawful and customary rural enterprises, such as, but not limited to, processing, packaging and marketing of farm products; farm machinery repair; sawmills; or firewood distribution.

7. Permission of Grantee

Where Grantor are required to obtain Grantee's permission or approval for a proposed action hereunder, said permission or approval (a) shall not be unreasonably delayed by Grantee, (b) shall be sought and given in writing, and (c) shall in all cases be obtained by Grantor prior to Grantor' taking the proposed action. Grantee shall grant permission or approval to Grantor only where Grantee, acting in Grantee's sole reasonable discretion and in good faith, determines that the proposed action will not substantially diminish or impair the conservation values of the Property. Grantee shall not be liable for any failure to grant permission or approval to Grantor hereunder.

8. Procedure to Construct Building and Other Improvements

Except as otherwise provided herein, Grantor may undertake construction or other improvement of the Property only as provided below. No structures or improvements shall be placed within 100 feet of any water body in order to protect water quality. Grantor shall advise Grantee prior to undertaking any construction, reconstruction, or other improvement of single-family dwellings or recreational improvements on the Property as permitted herein, so as to enable Grantee to keep its record current.

A) Fences – Existing fences may be repaired and replaced, and new fences may be built on the Property for purposes of reasonable and customary management of livestock and wildlife.

B) Existing Agricultural, Recreation or Ancillary Structures & Improvements – Existing agricultural, recreational or ancillary structures and improvements may be repaired, reasonably enlarged and replaced at their current locations, which are shown in the Baseline Report.

C) New Ancillary Structures & Improvements – New ancillary building and other structures and improvements to be used primarily for ancillary or agricultural purposes may be built on the Property within the “Developed Area” identified on the Baseline Report. New buildings, structures or improvements proposed for locations outside the “Developed Area” may be built only with the permission of the Grantee.

D) Single-Family Residential Dwellings – The existing residential dwellings may be repaired, reasonably enlarged and replaced at its current location, which is shown on the Baseline Report. There may be two (2) new residential dwellings constructed on the new lots provide for in Section 11 below.

F) Recreational Improvements – Recreational improvements may be built within the area identified as “Developed Area” on the Baseline Report. Any new recreational improvements proposed for locations outside the area identified as “Developed area” may be built only with the permission of Grantee. Under no circumstances shall athletic fields, golf courses or ranges, commercial airstrips or commercial helicopter pads be constructed on the Property.

G) Utility Services and Septic Systems – Wires, lines, pipes, cables or other facilities providing electrical, gas, water, sewer, communications, or other utility services to the improvements permitted herein may be installed, maintained, repaired, removed, relocated and replaced, and Grantee may grant easements over and under the Property for such purposes. Septic or other underground sanitary systems serving the improvements permitted herein may be installed, maintained, repaired or improved.

THE REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK

9. Maintenance and Improvement of Water Sources

Grantor maintains the rights to use, maintain, establish, construct, and improve water sources, water courses and water bodies within the Property for the uses permitted by this Easement, provided that Grantor does not significantly impair or disturb the natural course of the surface water drainage or runoff flowing over the Property. Grantor may alter the natural flow of water over the Property in order to improve drainage or agricultural soils, reduce soil erosion, or improve the agricultural or forest management potential of the Property, provided such alteration is consistent with the conservation purposes of this Easement and are carried out in accordance with law. The construction of ponds shall be permitted only with the permission of Grantee.

10. Water Rights

Grantor retains and reserves the right to use any appurtenant water rights sufficient to maintain the agricultural productivity of the Property. Grantor shall not transfer, encumber, lease, sell or otherwise sever such water rights from title to the Property itself.

11. Subdivision

The Property is currently comprised of two parcels as shown in Attachment A. The property may be subdivided to create two (2) new parcels of not more than three (3) acres provided that access to a public road is created as mandated in Richland County Subdivision regulations.

12. Conservation Practices

All agricultural or timbering operations on the Property shall be conducted in a manner consistent with a conservation plan prepared by the U.S. Department of Agriculture, Natural Resources Conservation Service, or its successor, or by a qualified conservation professional approved by Grantee. This plan shall be updated periodically, and in any event any time the basic type of agricultural operation on the Property changed or ownership of the Property changes. All agricultural operations shall be conducted in accordance with applicable law.

13. Application of Waste Materials

The land application, storage and placement on the Property of domestic septic effluent and municipal, commercial or industrial sewage sludge or liquid generated from such sources for agricultural purposes is prohibited.

14. Forest Management

Trees may be removed, cut and otherwise managed to control insects and disease, to prevent personal injury and property damage, for firewood for domestic use in dwelling on the Property, for commercial harvesting and for construction of permitted improvements and fences on the Property. The cutting, removal or harvesting of trees must be in accordance with either the conservation plan referenced in Paragraph 12 above or a forest management plan prepared by a qualified professional forester.

15. Mining

Exploration for, or development and extraction of, minerals and hydrocarbons from the Property by any method are prohibited.

16. Paving and Road Construction

Construction and maintenance of unpaved roads that may be reasonably necessary and incidental to carrying out the improvements and uses permitted on the Property by this Easement are permitted. Other than the approved roads, no portion of the Property shall be paved or otherwise covered with concrete, asphalt, or any other impervious paving material, without the permission of Grantee

17. Hazardous Waste

No waste, or radioactive or hazardous waste, shall be placed, stored, dumped, buried, or permitted to remain on the Property.

18. Ongoing Responsibilities of Grantor and Grantee

Other than as specified herein, this Easement is not intended to impose any legal or other responsibility on Grantee, or in any other way affect any obligations of Grantor as owner of the Property, including but not limited to, the following:

(a) Taxes – Grantor shall be solely responsibility for payment of all taxes and assessments levied against the Property. If Grantee is ever required to pay any taxes or assessments on its interest in the Property, Grantor will reimburse Grantee for the same.

(b) Upkeep and Maintenance – Grantor shall be solely responsible for the upkeep and maintenance of the Property, to the extent required by law. Grantee shall have no obligation for the upkeep or maintenance of the Property.

(c) Liability and Indemnification – Grantor shall indemnify Grantee against, and hold Grantee harmless from, any and all lose, cost, claim, liability, or expense (including reasonable attorneys' fee) arising from or with respect to the Property, unless due to the gross negligence or willful misconduct of Grantee.

19. Extinguishment of Development Rights

Except as otherwise reserved to the Grantor in this Easement, all development rights appurtenant to the Property are hereby released, terminated and extinguished, and may not be used on or transferred to any portion of the Property as it now or hereafter may be bounded or described, or to any other property adjacent or otherwise, or used for the purpose of calculating permissible lot yield of the Property or any other property.

20. Enforcement

Grantee shall have the right to enter upon the Property upon reasonable advance notice to Grantor for the purpose of inspecting for compliance with the terms of this Easement. A permanent easement granting access to the protected property by the Grantee for the right of inspection is hereby granted and such right of access shall be included with all future transfers of the property. If Grantee determines that a violation of this Easement has occurred, Grantee shall so notify Grantor, giving Grantor thirty (30) days to cure the violation.

Notwithstanding the foregoing, where Grantee in Grantee's sole discretion determines that an ongoing or threatened violation could irreversibly diminish or impair the conservation values of the Property, Grantee may bring an action to enjoin the violation, *ex parte* if necessary, through temporary or permanent injunction.

In addition to injunctive relief, Grantee shall be entitled to seek the following remedies in the event of a violation:

- (a) money damages, including damages for loss of the conservation values protected by this Easement; and
- (b) restoration of the Property to its condition existing prior to such violation

Said remedies shall be cumulative and shall be in addition to all remedies now or hereafter existing at law or in equity. In any case where a court finds that a violation has occurred, Grantor shall reimburse Grantee for all its expenses incurred in stopping and correcting the violation, including, but not limiting to, reasonable attorneys' fees. The failure of Grantee to discover a violation or to take immediate legal action shall not bar Grantee from doing so at a later time. In any case where a court finds no violation has occurred, each party shall bear its own costs.

21. Transfer of Easement

Grantee shall have, with the permission of the Grantor, the right to transfer this Easement to any public agency or private nonprofit organization that, at the time of transfer, is a "qualified organization" under Section 170(h) of the Code and under the S.C. Conservation Easement, provided the transferee expressly agrees to assume the responsibility imposed on Grantor by this Easement. Grantor shall not unreasonably withhold approval of such a transfer.

22. Transfer of Property

Grantor agrees to incorporate by reference the terms of this Easement in any deed or other legal instrument by which it transfers or divests itself of any interest, including, without limitation, a leasehold interest, in all or a portion of the Property. Grantor shall notify Grantee in writing at least thirty (30) days before conveying the Property, or any part thereof or interest therein, to any third party. Failure of Grantor to do so shall not impair the validity of this Easement or limit its enforceability in any way.

23. Amendment of Easement

This Easement may be amended only with the written consent of Grantor and Grantee. Any such amendment shall be consistent with the Statement of Purpose of this Easement and with Grantee's easement amendment policies, and shall comply with Section 170(h) of the Code or any regulations promulgated in accordance with that section. Any such amendment shall also be consistent with all applicable state statutes or any regulations promulgated pursuant to that law. Any such amendment shall be duly recorded.

24. Extinguishment

If this Easement is extinguished by judicial proceeding, Grantee shall be entitled to a portion of the proceeds from any subsequent sale or other disposition of the Property, calculated in accordance with Paragraph 25 below. Grantee shall use its portion of said proceeds in a manner consistent with the general conservation purposes of this Easement.

25. Proceeds

The donation of this Easement gives rise to a property right, immediately vested in Grantee which, for purposes of calculating proceeds from a sale or other disposition of the Property as contemplated under Paragraph 24 above, shall have a value equal to a percentage (the "Proportionate Share") of the value of the Property unencumbered by this Easement. The Proportionate Share shall be determined by dividing the value of this Easement, calculated as of the date hereof, by the unencumbered value of the Property, also calculated as of the date hereof. The Proportionate Share shall remain constant.

Unless state law provides otherwise, if this Easement is terminated and the Property is subsequently sold, exchanged, or taken in condemnation then, as required by Treas. Reg. Sec. 1.170A-14(g)(6), Grantor shall be entitled to a portion of the proceeds from the sale, exchange or condemnation equal to the Proportionate Share.

All expenses related to the termination of this Easement shall be paid out of any recovered proceeds prior to distribution of the net proceeds as provided above.

26. Interpretation

This Easement shall be interpreted under the laws of the State of South Carolina, resolving any ambiguities and questions of the validity of specific provisions so as to give maximum effect to its conservation purposes.

27. Successors

Every provision of this Easement that applies to Grantor and Grantee shall also apply to their respective agents, heirs, executors, administrators, assigns, and other successors in interest.

28. Severability

Invalidity of any of the covenants, terms or conditions of this Easement, or any part thereof, by court order or judgment shall in no way affect the validity of any of the other provisions hereof which shall remain in full force and effect.

29. Notices

Any notices required by this Easement shall in writing and shall be personally delivered or sent by first class mail, to Grantor and Grantee respectively at the following addresses or such other addresses as the parties may designate by notice:

To Grantor:
Mildred A. Ganus
2400 Chapin Road
Chapin, SC 29036

To Grantee:
Director
Richland County Conservation Commission
P.O. Box 918
Columbia, SC 29201

30. Grantor's Title Warranty

Grantor warrants that it has good and sufficient title to the Property, free from all encumbrances except and hereby promise to defend the same against all claims that any be made against it.

31. Subsequent Liens on Property

No provisions of this Easement should be construed as impairing the ability of Grantor to use this Property as collateral for subsequent borrowing, provided however, that all subsequent liens shall be subservient to the conditions of this easement.

32. Subsequent Encumbrances

The grant of any easements or use restrictions that might diminish or impair the agricultural viability or productivity of the Property or otherwise or impair the conservation values of the Property is prohibited, except with the permission of Grantee.

33. Other Applicable Laws and Regulations

Nothing in this easement, or its acceptance by Grantee, shall impair or imply the failure of, the application of all applicable land use, environmental, public health or other relative regulations, laws or acts duly enacted by Grantee or other governmental bodies.

34. Grantor' Environmental Warranty

Grantor warrants that it has no actual knowledge of release or threatened release of hazardous substances or wastes on the Property, as such substances and wastes are defined by applicable law, and hereby promises to indemnify Grantee against, and hold Grantee harmless from, any and all loss, cost, claim, liability or expense (including reasonable attorney's fees) arising from or with respect to any release of hazardous waste or violation of environmental laws.

34. Perpetuation of Easement

Except as expressly otherwise provided herein, this Easement shall be of perpetual duration, and no merger of title, estate or interest shall be deemed effected by any previous, contemporaneous, or subsequent deed, grant, or assignment of an interest or estate in the Property, or any portion thereof, to Grantee, it being the express intent of the parties that this Easement not be extinguished by, or merged into, any other interest or estate in the Property now or hereafter held by Grantee.

35. Acceptance

As approved by the Richland County Council and the signature of its Chairman affixed hereto, Grantee hereby accepts the rights and responsibilities conveyed by this Easement.

TO HAVE AND TO HOLD this Deed of Conservation Easement unto Grantee, its successors and assigns, forever.

IN WITNESS WHEREOF, Grantor and Grantee, intending to be legally bound hereby, have hereunto set their hands on the date first above written.

SIGNITURES ON FOLLOWING PAGES

Witness:

Cathy Rae Troutman

Mildred A. Ganus
Mildred A. Ganus

[Signature]

Acknowledgments

County of Richland
State of South Carolina,

mildred A. Ganus

Personally appeared before me _____ on this 30 day of November, 2010, and acknowledged that all material statements of fact in the foregoing Deed of Conservation Easement are true to the best of his/her knowledge and belief, and that the execution of said Deed of Conservation Easement is his/her free act and deed.

[Signature]

Notary Public (SEAL)
My commission expires:

08.27.2017

Accepted:

Witness:

Michelle Orley

Richland County Council

By Paul Livingston

Council Chair

Its


Elizabeth A. Mc

County of Richland)
State of South Carolina)

Acknowledgments

County of Richland)
State of South Carolina,

Personally appeared before me Paul Livingston on this 30th day of November, 2010, and acknowledged that all material statements of fact in fact in the foregoing Deed of Conservation Easement are true to the of his/her knowledge and belief, and that the execution of said Deed is his/her free act and deed.

Michelle Orley 
Notary Public (SEAL)

My commission expires: 5-28-13

Richland County Attorney's Office

Elizabeth A. Mc

Approved As To LEGAL Form Only.

No Opinion Rendered As To Content.

EXHIBIT A

Approximately 14 acres listed as Tax Map # TMS01700-10-04 in Richland County, South Carolina more particularly described as Parcel A on a plat by Bostick Land Surveyors, SCPLS 4786 for Mildred A. Ganus, Cathy Rae Troutman and Roger K. Troutman on August 8, 2010 and recorded in the Office of the Richland County Register of Deeds on August 25, 2010 at Book 1627-968.

Book 1632-3036

2010061302 09/20/2010 14:39:04:880

Deed

Fee: \$10.00 County Tax: \$0.00 State Tax: \$0.00



2010061302 Richard W. Rodden

Richland County R.O.D.

STATE OF SOUTH CAROLINA

COUNTY OF RICHLAND

TITLE TO REAL ESTATE
(No Title Examination)

KNOW ALL MEN BY THESE PRESENTS, That

MILDRED A. GANUS

(hereinafter called "Grantor"), in the State aforesaid, for and in consideration of the sum of FIVE AND 00/100 (\$5.00) dollars and love and affection to the grantor paid at and before the sealing of these presents, by

CATHY RAE TROUTMAN AND ROGER K. TROUTMAN
As Joint Tenants with Right of Survivorship and Not as Tenants in Common

(hereinafter called "Grantees") in the State aforesaid (the receipt of which is hereby acknowledged), has granted, bargained, sold, and released unto the Grantees, their heirs and assigns:

All that certain piece, parcel, or lot of land, situate, lying, being, and fronting on Old Hilton Road in the County of Richland, State of South Carolina and being more particularly shown and delineated as Parcel B-2 on a plat prepared for Mildred A. Ganus, Cathy Rae Troutman, and Roger K. Troutman by Bostick Surveying, Inc. dated August 19, 2010, recorded on August 29, 2010 in Record Book 1627 page 968, Office of the Register of Deeds for Richland County and having such measurements and boundaries as shown on said survey which is incorporated herein by reference.

This is a portion of the property devised to the Grantor herein by Heber L. Meetze which case was probated in the Richland County Probate Court as file number 86-ES-40-254 and evidenced by Description of Real Estate recorded in deed book D-830 at page 940.

TMS# Portion of 01700-10-04

Grantee's Address: 1132 Old Hilton Road
Chapin, S.C. 29036

This conveyance is made subject to existing easements and to covenants, conditions, restrictions, and easements of record, including, but not limited to, any shown on recorded plats.

TOGETHER with all and singular the Rights, Members, Hereditaments, and Appurtenances to the Premises belonging, or in anywise incident or appertaining.

TO HAVE AND TO HOLD, all and singular the premises before mentioned unto the Grantees, as Joint Tenants with Right of Survivorship and Not as Tenants in Common.

Witness:

Mildred A. Lanus

Roger K. Troutman
Roger K. Troutman

[Signature]

Cathy Rae Troutman
Cathy Rae Troutman

Acknowledgments

County of Richland

State of South Carolina,

Roger K. Troutman + Cathy Rae Troutman

Personally appeared before me _____ on this 30 day of November, 2010, and acknowledged that all material statements of fact in the foregoing Deed of Conservation Easement are true to the best of his/her knowledge and belief, and that the execution of said Deed of Conservation Easement is his/her free act and deed.

[Signature]

Notary Public (SEAL)

My commission expires:

08-27-2017

Witness:

Cathy Rae Troutman

Mildred A. Ganus
Mildred A. Ganus

[Signature]
Acknowledgments

County of Richland
State of South Carolina,

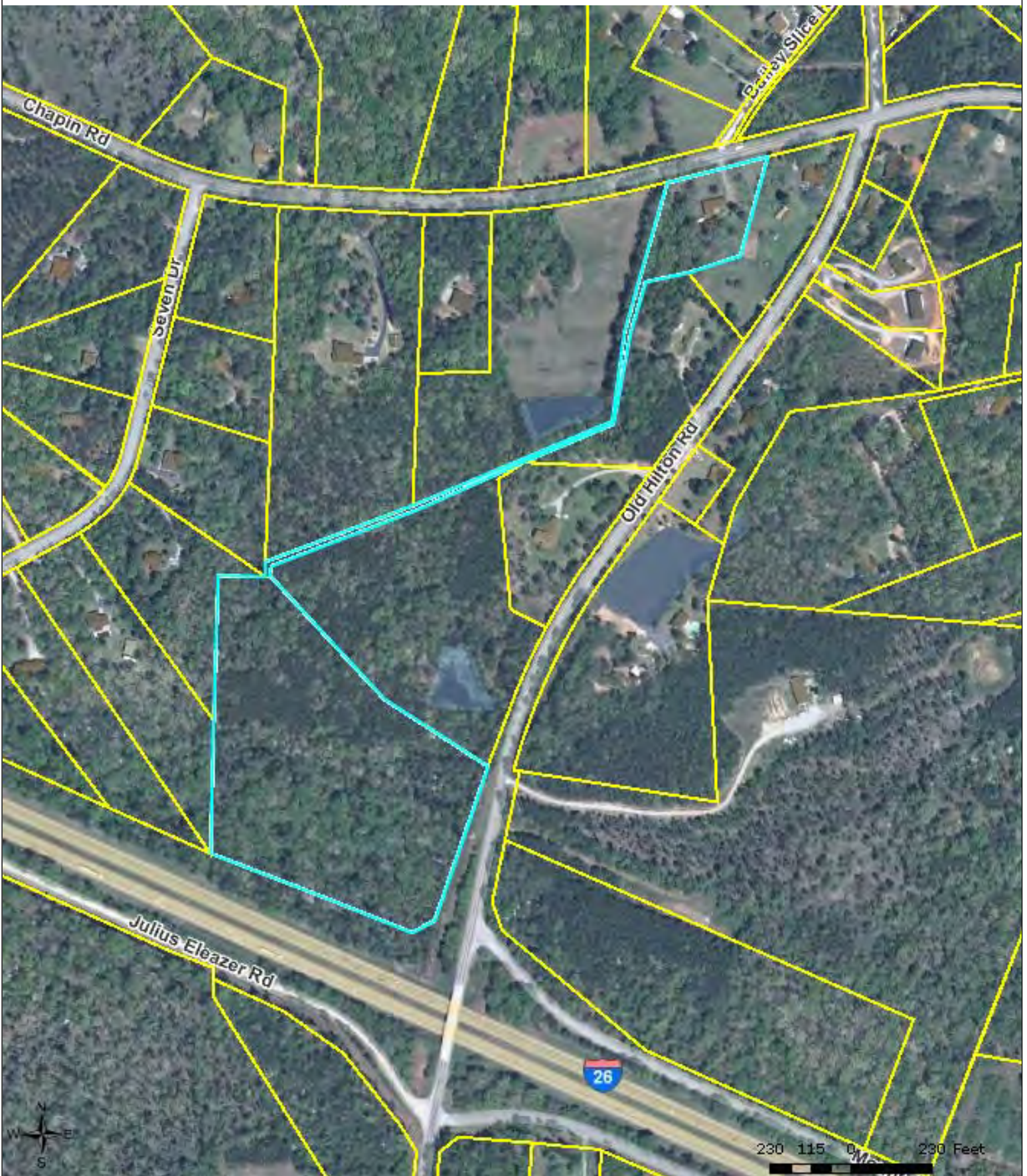
mildred A. Ganus

Personally appeared before me _____ on this 30 day of November, 2010, and
acknowledged that all material statements of fact in the foregoing Deed of Conservation
Easement are true to the best of his/her knowledge and belief, and that the execution of said
Deed of Conservation Easement is his/her free act and deed.

[Signature]
Notary Public (SEAL)
My commission expires:

08.27.2017

Ganus Easement - 2400 Old Hilton Rd Chapin, SC 29036 - R01700-10-04



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Agenda Briefing

Prepared by:	Hayden Davis	Title:	Project Manager
Department:	Operational Services	Division:	
Date Prepared:	August 30, 2024	Meeting Date:	September 24, 2024
Legal Review	Elizabeth McLean via email	Date:	September 6, 2024
Budget Review	Maddison Wilkerson via email	Date:	September 10, 2024
Finance Review	Stacey Hamm via email	Date:	September 16, 2024
Approved for consideration:	Assistant County Administrator	John M. Thompson, Ph.D., MBA, CPM, SCEM	
Meeting/Committee	Administration & Finance		
Subject	Architectural Services – Upper Ballentine Fire Station		

RECOMMENDED/REQUESTED ACTION:

Staff requests Council approve a contract with Becker Morgan Group in the amount of \$138,600.00, to include \$21,400.00 in contingency, for a total approved amount of \$160,000.00, to provide architectural services for the design and contract oversight of the proposed Upper Ballentine Fire Station to be located at TMS # R01700-02-02 (next to the unmanned Fire Station #21).

Request for Council Reconsideration: Yes

FIDUCIARY:

Are funds allocated in the department’s current fiscal year budget?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If not, is a budget amendment necessary?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

ADDITIONAL FISCAL/BUDGETARY MATTERS TO CONSIDER:

Funds were allocated and approved by County Council through the budget process. If approved, Richland County will enter into a contract with the recommended contractor, Becker Morgan Group Inc., in the amount of \$138,600.00 with an additional \$21,400.00 in contingency (15%), bringing the total project cost to \$160,000.00.

The contingency is requested to address any unforeseen conditions or required design additions (e.g. SCDOT requirements or unknown soil conditions). Contingency use must be requested in writing by the contractor and evaluated by the Richland County Department of Operational Services as a change order. Contingency use will be not approved without strict examination by Richland County staff and further evaluation of all facts and possible options by the project management team.

Applicable fund, cost center, and spend category: Fund: 1302
Cost Center: 9950
Loan: General Obligation Bond 2020B
Spend Category: Professional Services
Project: Upper Ballentine Fire Station

OFFICE OF PROCUREMENT & CONTRACTING FEEDBACK:

No comments from Procurement.

COUNTY ATTORNEY'S OFFICE FEEDBACK/POSSIBLE AREA(S) OF LEGAL EXPOSURE:

The County Attorney's Office has provided feedback on the proposal which has been shared with the County's Office of Procurement and Contracting as well as Operational Services.

REGULATORY COMPLIANCE:

There are no regulatory issues associated with this project.

MOTION OF ORIGIN:

There is no associated Council motion of origin.

STRATEGIC & GENERATIVE DISCUSSION:

Staff requests approval of a contract between Becker Morgan Group Inc. and Richland County to provide design services for the proposed Upper Ballentine Fire Station. This new fire station will better serve the local community by reducing response times in the area.

The design process proposed by Becker Morgan Group is the industry standard in developing construction documents.

If the request is approved, the County will contract with Becker Morgan to perform the design work identified in the contract. Once the contract is signed, the company will start the design and programming work. As each phase of the design process is completed, Operational Services will work with affected parties (Public Safety, Administration, and City of Columbia/Richland County Fire) to ensure the design meets County needs and requirements. Once the design work is completed, Becker Morgan will submit the construction documents for review by the appropriate parties, and once approved, the construction documents will be submitted to Procurement for solicitation.

The proposed new fire station is to be a manned fire station, which will provide around-the-clock staffing to reduce emergency response times, resulting in increased safety to area residents and property.

ASSOCIATED STRATEGIC GOAL, OBJECTIVE, AND INITIATIVE:

Goal 4: Plan for Growth

Objective: Create excellent facilities

ADDITIONAL COMMENTS FOR CONSIDERATION:

If County Council does not approve the contract but approves the project, the design services will need to be solicited by Procurement, which will incur additional cost and time to the project.

The current design team has the copyrighted construction documents from the last fire station that the County built. Using these already-existing documents will reduce the time and expense to develop new construction documents. Any new design team will have to start the design process from the beginning and will need to work through all the design phases (schematic design, design development, and construction development documents) to create a complete set of bid documents.

**RICHLAND COUNTY
ADMINISTRATION**

2020 Hampton Street, Suite 4069
Columbia, SC 29204
803-576-2050



Agenda Briefing

Prepared by:	Syndi Castelluccio	Title:	Manager
Department:	Public Works	Division:	Solid Waste & Recycling
Date Prepared:	August 16, 2024	Meeting Date:	September 24, 2024
Legal Review	Patrick Wright via email	Date:	September 10, 2024
Budget Review	Maddison Wilkerson via email	Date:	September 10, 2024
Finance Review	Stacey Hamm via email	Date:	September 16, 2024
Approved for consideration:	Assistant County Administrator	John M. Thompson, Ph.D., MBA, CPM, SCEM	
Meeting/Committee	Administration & Finance		
Subject	Solid Waste & Recycling Roll-Off Container Hauling Service Agreement		

RECOMMENDED/REQUESTED ACTION:

The Solid Waste & Recycling Division recommends award of the bid to Capital Waste Services (CWS) for the Roll-Off Container Hauling Service Agreement to provide on-demand hauling of various roll-off containers to designated locations throughout the County.

Request for Council Reconsideration: Yes

FIDUCIARY:

Are funds allocated in the department’s current fiscal year budget?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If not, is a budget amendment necessary?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

ADDITIONAL FISCAL/BUDGETARY MATTERS TO CONSIDER:

Roll-Off Container Hauling contracted services were included in the FY25 budget; funding is adequate to cover the bid rates provided by CWS. Rates vary depending on location and range from \$167.23 to \$383.18 per pull, with a total annual cost of approximately \$400,000.

Applicable fund, cost center, and spend category: Fund: 2101
Cost Center: 3653
Cost Center: 3654,
Spend Category: Special Contracts

OFFICE OF PROCUREMENT & CONTRACTING FEEDBACK:

Request for Bid RD-640-B-24 was issued on January 31, 2024 with a close date of March 14, 2024. There were four submissions. The lowest bidder, Flash Disposal, did not bid the correct recycling containers and could not hold their pricing when requested to provide it. Their bid was deemed non-responsive. The next lowest bidder, Capital Waste Services, was deemed the lowest, responsive, responsible bidder.

COUNTY ATTORNEY’S OFFICE FEEDBACK/POSSIBLE AREA(S) OF LEGAL EXPOSURE:

There are no legal concerns regarding this matter.

REGULATORY COMPLIANCE:

Not applicable.

MOTION OF ORIGIN:

There is no associated Council motion of origin.

STRATEGIC & GENERATIVE DISCUSSION:

Request for bids were initiated by the Richland County Procurement Department to address an expiring contract and to allow for the uninterrupted hauling service to transport roll-off containers from all Solid Waste and Recycling facilities and special community recycling events to the appropriate designated landfill, recycle center, and/or material recovery facility. Roll-Off containers consist of construction and demolition debris, recycling commodities (plastic, cardboard, metal, glass, etc.), and waste tires.

This contract and service of providing, swapping, and hauling of roll-off containers and the materials collected are essential to the daily operations at the County’s drop-off centers and special events. There are no guaranteed minimum or maximum number of pulls; however, an example of the schedule of container pulls from each Solid Waste facility location is as follows:

Lower Richland Drop-Off Center	10531 Garners Ferry Rd:
1 Tire Roll Off @1070 Caughman Rd N RC Landfill	(1 pull per week)
9-10 C&D Roll Off @1047 Hwy Church Rd WM Landfill	(3-5 pulls Saturday) (1-3 pulls per day M/W/F)
Richland County Landfill/Drop-Off Center	1070 Caughman Rd N:
1-2 OCC Roll Off @ SONOCO 1132 Idlewilde Blvd	(1-2 pull(s) per week)
Clemson Rd Recycle Site	900 Clemson Rd Columbia SC
4 Recycle Roll Off @ SONOCO 1132 Idlewilde Blvd	(1-2 pull(s) per week)
Special Events @ Various Locations	As Needed

Richland County reserves the right to utilize this contract for type of service in other Richland County Departments.

Bid Rates (Per Can Pull) Proposed by Lowest Responsive/Responsible Bidder:

Location	Bid Rate	FY24 Rate
Lower Richland Drop-Off Center	\$383.18	\$268.00
Richland County Landfill/Drop-Off Center	\$167.23	\$250.00
Clemson Rd Recycle Site	\$251.64	\$250.00
Special Events/As Needed	\$287.75	\$291.20

Capital Waste Services, as the County’s current service provider, has proven to be reliable with scheduled pulls at each of the County’s drop-off center locations, and has been adaptable to operational changes as well as consistently committed to delivering high-quality service.

ASSOCIATED STRATEGIC GOAL, OBJECTIVE, AND INTIATIVE:

Goal 3: Commit to Fiscal Responsibility

Objective: Establish process to prioritize initiative to align with available resources.

ATTACHMENTS:

1. Bid Tab

RC-640-B-24 Roll-Off Container Service
 Due: March 14, 2024 2:00PM

#	Items	Quantity Required	Unit of Measure	CIDS, LLC		Capital Waste Services		Flash Disposal, LLC		Waste Management of SC	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
0											
#0-1	Lower Richland Drop-Off Center(LROC), 10531 Garners Ferry Road, Eastover, SC	1	LS	\$275	\$275	\$383.18	\$383.18	\$178.63	\$178.63	\$395	\$395
#0-2	Richland County Landfill Drop-off Center, 1070 Caughman Road North, Columbia, SC	1	LS	\$275	\$275	\$167.23	\$167.23	\$178.63	\$178.63	\$395	\$395
#0-3	Clemson Road Drop-Off Center, 900 Clemson Road, Columbia, SC	1	LS	\$275	\$275	\$251.64	\$251.64	\$178.63	\$178.63	\$395	\$395
#0-4	Special Recycling Events or Waste Collection Events	1	LS	\$275	\$275	\$287.75	\$287.75	\$178.63	\$178.63	\$395	\$395

**RICHLAND COUNTY
ADMINISTRATION**

2020 Hampton Street, Suite 4069
Columbia, SC 29204
803-576-2050



Agenda Briefing

Prepared by:	Syndi Castelluccio	Title:	Manager
Department:	Public Works	Division:	Solid Waste & Recycling
Date Prepared:	September 3, 2024	Meeting Date:	September 24, 2024
Legal Review	Patrick Wright via email	Date:	September 10, 2024
Budget Review	Maddison Wilkerson via email	Date:	September 16, 2024
Finance Review	Stacey Hamm via email	Date:	September 16, 2024
Approved for consideration:	Assistant County Administrator	John M. Thompson, Ph.D., MBA, CPM, SCEM	
Meeting/Committee	Administration & Finance		
Subject	Approval for Purchase of Mobile Waste Shredder		

RECOMMENDED/REQUESTED ACTION:

Staff recommends Council approval for the purchase of a mobile waste shredder from National Equipment Dealers LLC through a finance agreement. The annual payments of \$364,725.50 are for four years.

Request for Council Reconsideration: Yes

FIDUCIARY:

Are funds allocated in the department’s current fiscal year budget?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If not, is a budget amendment necessary?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

ADDITIONAL FISCAL/BUDGETARY MATTERS TO CONSIDER:

The purchase of an industrial shredder will help manage problematic waste types such as mattresses, shingles, and other bulky waste that negatively affecting the County’s compaction rates and rapidly decrease the life of the active landfill.

Staff has evaluated various alternatives through online state contracts and cooperative bids and has identified the TANA Shark 440DT Industrial Waste Shredder as best meeting the County’s operational needs. The County has received quotes for both the outright purchase of and a four-year Finance of the TANA Shark 440DT based on the North Carolina Sheriffs Association nationwide purchasing program for Heavy Equipment. Please see the attached quotes for details.

The TANA 440DT full purchase price with an additional set of knives and 5 yr./5000 hr. extended warranty to ensure proper care and maintenance is \$1,276,842.83. With a four-year finance option, the first annual proposed payment of \$364,725.50 would be covered using the Heavy Equipment budget line item. The subsequent three annual payments of \$364,725.50 will be budgeted for in future years and with offset by revenue generated from the recycling of recovered shredded metal material.

Applicable fund, cost center, and spend category: Fund: Solid Waste Enterprise
Cost Center: 21013654
Spend Category: Heavy Equipment

OFFICE OF PROCUREMENT & CONTRACTING FEEDBACK:

National Equipment Dealers, LLC was awarded a cooperative purchasing agreement in May of 2023 through the North Carolina Sheriff’s Association (NCSA) Heavy Equipment Procurement Program. All local government units are eligible to purchase under this contract vehicle. The NCSA publicly invited bids for heavy equipment and made award in a manner congruent with the County’s procurement process.

COUNTY ATTORNEY’S OFFICE FEEDBACK/POSSIBLE AREA(S) OF LEGAL EXPOSURE:

There are no legal concerns regarding this matter.

REGULATORY COMPLIANCE:

The purchase of this equipment and associated shredding practices will ensure compliance with the South Carolina Code of Regulations- Regulation 61-107.19 Part IV Solid Waste Management: Solid Waste Landfills and Structural Fill, which establishes the criteria for Class 2 Landfills.

MOTION OF ORIGIN:

There is no associated Council motion of origin.

STRATEGIC & GENERATIVE DISCUSSION:

Staff recommends the purchase of this equipment and shredding practice to address the increased waste volume and to improve compaction rates which are crucial to extend the remaining life of the landfill. This strategic investment will assist in extending the operational life of the active landfill and aligns with the County’s commitment to efficient waste management.

Richland County C&D Landfill Capacity Study: (Full FY24 Report Attached)

The recent capacity study, performed at the end of FY24, revealed a significant decrease in the landfill's compaction rate and in the current landfill's remaining life, attributed in part to equipment and increased waste volume, with the impact further exacerbated by the unexpected addition of mattresses to the waste stream.

The Mattress Factor: On June 10, 2024, Nine Lives Mattress Recycling informed Richland County Solid Waste of their decision to cease operations. In FY24, the County’s recycling program diverted approximately 7,500 mattresses, equating to an estimated 6,150 cubic yards (CY) of waste from the landfill. With the discontinuation of the mattress recycling program, this waste is now landfill bound and occupies valuable space.

FY24 Landfill Capacity Study Results:

Waste Disposal	52,063 Total Tons/117,935 CY
Compaction Rate	880 lbs./CY
Estimated Remaining Life	1.9 years

FY23 Landfill Capacity Study Results:

Waste Disposal	50,760 Total Tons/91,817 CY
Compaction Rate	1,100 lbs./CY
Estimated Remaining Life	3.7 years

Challenges with Burying Mattresses Intact:

Poor Compaction: Mattresses do not compact well, are designed to resist compression (only compress approximately 66%), and can quickly dominate airspace.

Equipment Damage: Mattress springs become entangled, damaging landfill equipment, slowing operations, and causing costly repairs.

Air Pockets: Mattresses leave air pockets that can trap methane gas and aid in the spreading of fires.

Increased Cover Dirt: Mattresses require more cover dirt—up to 12 inches—to manage properly.

Benefits of Shredding Mattresses and Bulky C&D Waste:

Overall Waste Volume Reduction: Shredded material is smaller and easier to manage, allowing for better compaction which increases usable airspace and extends the life of the landfill.

Enhanced Recycling Opportunities: This industrial shredder allows for the recovery and recycling of scrap metal and mattress springs, reducing waste and increasing revenue.

Improved Landfill Equipment Efficiency and Lifespan: Shredding C&D materials reduces material size and removes hazardous debris, which decreases wear and tear, repair needs, and equipment run time.

Regulatory Compliance: Shredding and proper processing of C&D materials will assist Richland County Solid Waste in the ability to comply with regulations and standards related to waste management.

Mobile Waste Shredder:

The TANA Shark 440DT Industrial Waste Shredder has been identified as best meeting the County's needs. Informational brochures attached.

Versatility: The 440DT shredder is designed to shred a wide variety of materials, including but not limited to mattresses, tires, C&D material, furniture, tree debris, and other challenging waste streams.

Productivity and Ease of Use: The 440DT has 12 preset operating programs for different types of waste (one specifically for mattresses that can shred 200 mattresses/hour) and interchangeable screen sizes that are easy to adjust and allow for particle output of 2" to 20". These features allow for the ability to control different waste streams and shredded debris size, while making operational time and costs more efficient.

Magnetic Separation/Metal Recovery: The 440DT is equipped with a magnet conveyer with side discharge for easy collection of ferrous metal material for recycling.

Local Service and Support: TANA Equipment has a local authorized TANA distributor, National Equipment Dealers NED located here in Columbia, SC. Authorized distributors offer technical support,

spare parts, and after-sales services. They are qualified to represent TANA locally throughout the machine's lifespan.

Industry Shredding Success Stories: Staff has researched and investigated similar situations, communicating with Mecklenburg County, NC, Pickens County, SC and Horry County, SC who all have invested in TANA shredders. Successful outcomes and proven results reported by these counties include reducing the volume of in-place waste, gaining valuable airspace, and significantly extending the life expectancy of their landfills.

ASSOCIATED STRATEGIC GOAL, OBJECTIVE, AND INTIATIVE:

Goal: Commit to fiscal responsibility.

Objective: Establish process to prioritize initiatives to align with available resources.

ADDITIONAL COMMENTS FOR CONSIDERATION:

The equipment installs a new process to extend the life of the landfill. This process also establishes a new or replacement funding source. Previously, the mattresses could be transported to a South Carolina recycler, but that option no longer exists, thus requiring the County to re-establish compaction and a revenue source. The fiber output of this equipment is highly compactible material that will remain at the active landfill near the site of the equipment. The metal output of this equipment will be transported to a Columbia area location for metal recycling.

ATTACHMENTS:

1. Richland County Capacity Study
2. TANA Waste Shredders Brochure
3. Shredder Options Sheet
4. National Equipment Dealers, LLC Quote

**CAPACITY ANALYSIS
FOR
RICHLAND COUNTY CLASS TWO PHASE 4 LANDFILL**

Prepared For:

**RICHLAND COUNTY SOLID WASTE DEPARTMENT
1070 CAUGHMAN ROAD NORTH
COLUMBIA, SC 29203**

Prepared By:

**CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
CHARLOTTE, NC**

CEC PROJECT 311-755

AUGUST 2024



August 15, 2024



Civil & Environmental Consultants, Inc.

TABLE OF CONTENTS

1.0 INTRODUCTION AND BACKGROUND1
2.0 SCALEHOUSE DATA.....2
3.0 VOLUME CALCULATIONS3
4.0 DENSITY DETERMINATION.....4
5.0 CLASS TWO LANDFILL REMAINING CAPACITY5
6.0 CONCLUSION6

TABLES

Table 6-1 – Class Two Landfill 2023 vs. 2024 Results

FIGURES

Figure 1 – June 2023 vs. June 2024
Figure 2 – June 2024 vs. Permitted Top of Waste Elevations
Figure 3 – Class Two Density Determination vs. Remaining Years of Capacity

1.0 INTRODUCTION AND BACKGROUND

Civil & Environmental Consultants, Inc. (CEC) has been retained by Richland County to conduct a capacity analysis on the Class Two landfill waste disposal operations at the Richland County Landfill. This study analyzes the Class Two landfill capacity from July 1, 2023, to June 28, 2024 (period of study). The following items outline the objectives for this study:

1. Determine the tonnage of Class Two waste disposed and the associated volume of airspace used during the period of study; and
2. Determine the remaining capacity as of June 28, 2024.

Figure 1 – June 2023 vs. June 2024 includes a plan view of the study area, which is based upon a survey surface of the active portion of the landfill performed by Richland County on June 28, 2024. Areas of fill are shown in green, blue, and purple on this figure.

2.0 SCALEHOUSE DATA

Richland County disposed of a total of 52,063 tons of Class Two waste during the period of study. The scalehouse data was supplied by Richland County Solid Waste & Recycling Department.

3.0 VOLUME CALCULATIONS

To determine the volume of air space used for this period of study, Richland County Landfill conducted an as-built survey of the active landfill area. From the survey, a topography map was generated. Using the topographical map, AutoCAD Civil 3D 2024 was used to calculate volumes for the study periods, relative to the proposed final closure contours. The volume reserved for the final cover system of the Class Two landfill was subtracted from the remaining airspace volume calculation. The area of study was set where the landfill waste filling operations are underway.

The calculations determined that Richland County utilized a net volume of 117,935 cubic yards (CY) of airspace in the Class Two Phase 4 landfill in the 2023-2024 study period and 1,110,198 cubic yards (CY) of airspace since it began operations. These volumes are presented in Table 6-1.

These calculations relied partially on digital files and historic data supplied by Richland County. The area and corresponding depths of fill for the 2023-2024 study period are presented in Figure 1 – June 2023 vs. June 2024. Areas of cut elevations are presented in red and yellow. Areas shown in green and blue in Figure 1 depict fill areas of 0 foot to 10 feet. The area shown in purple depicts fill areas of 10 feet to approximately 30 feet.

4.0 DENSITY DETERMINATION

The Density Determination (DD) provides a method for landfill operators to monitor the effectiveness of disposal operations. For the purpose of this report, DD is defined as weight in tons of waste disposed per cubic yard (CY) of airspace used for disposal. The DD is calculated by dividing the weight of waste disposed during the time period by the airspace used for disposal of the waste during that same time period. The DD relies on accurately calculating the airspace consumed. It should be noted that the DD calculation does not differentiate between airspace used for waste and that used for cover. Using the calculated volume of 117,935 CY and the total tonnage information provided by Richland County, CEC estimates the DD of the Class Two Phase 4 landfill for the 2023-2024 year is 0.44 tons/CY. This DD was calculated by dividing 52,063 tons of waste as calculated by 117,935 CY of airspace used.

5.0 CLASS TWO LANDFILL REMAINING CAPACITY

CEC compared the June 2024 topographical survey to the permitted top of waste grades to obtain the remaining capacity for the Class Two landfill as of June 28, 2024. Refer to Figure 2 – June 2024 vs. Permitted Top of Waste Elevations for this calculation. It is estimated that 224,900 CY of gross airspace, not including the final cover system, remain in landfill shown in the figure in shades of yellow, green, and blue. A volume of 6,095 CY in areas shaded in orange and red represent waste and/or soil placed above permitted top of waste. Prior to closing the landfill these areas should be checked to determine if some or all of the volume should be placed within the permitted waste grades. For the Class Two landfill, using the DD of 0.44 tons/CY, the landfill has approximately 96,593 tons of waste capacity remaining.

Using the current annual disposal rate of 52,063 tons per year, approximately 1.9 years of life remain in the Class Two landfill. Richland County should be prepared to initiate Class Two waste disposal operations in a new area by April 2026. This analysis is summarized in Table 6-1.

The remaining time for the landfill operations is proportional to incoming waste stream and DD. If the incoming Class Two waste stream remains consistent in volume and waste type, the life of the landfill increases with increasing DD. Figure 3 – Class Two Density Determination vs. Remaining Years of Capacity.

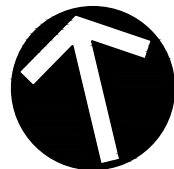
6.0 CONCLUSION

The factors most associated with a varying DD are waste compaction and operational cover. The Density Determination provides Richland County a tool for evaluating operational procedures to determine if improvement is necessary. At the average waste disposal rate of Class Two waste, Richland County should be prepared to initiate Class Two disposal operations in a new area by April of 2026.

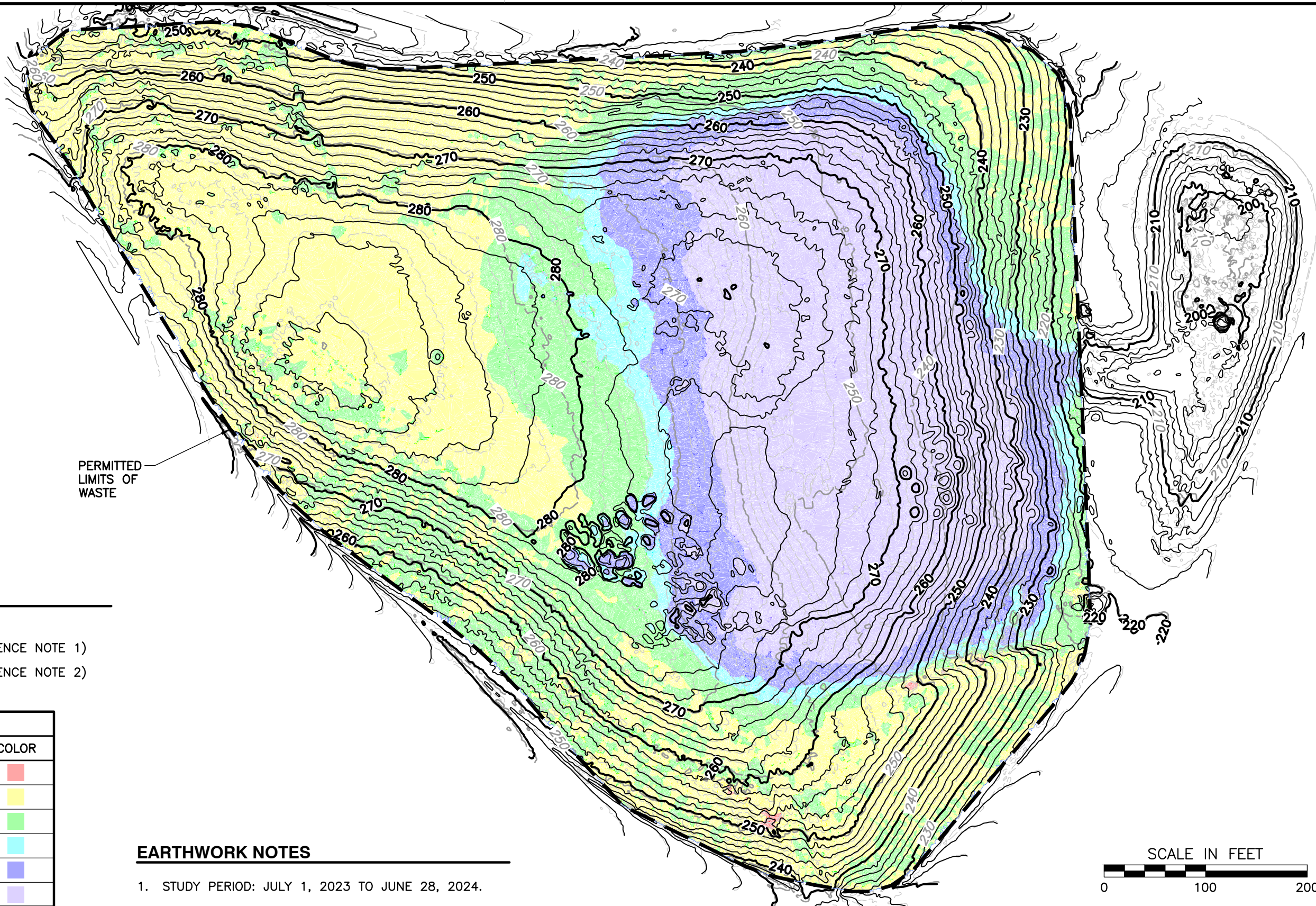
Table 6-1 below provides a comparison summary of the 2023 and 2024 capacity study results.

Table 6-1 Class Two Landfill 2023 vs. 2024 Study Results		
	2023	2024
Airspace Used Since Start of Operations (CY)	992,263	1,110,198
Class Two Tonnage, Study Period (tons)	50,765	52,063
Class Two Volume, Study Period (CY)	91,817	117,935
Density Determination (tons/CY)	0.55	0.44
Remaining Capacity (CY)	339,406	218,805
Remaining Capacity (tons)	187,655	96,593
Remaining Years	3.7	1.9
Initiate new area by	February 2027	April 2026

FIGURES



NORTH



LEGEND

- LIMITS OF WASTE
- 280- 2023 CONTOUR (SEE REFERENCE NOTE 1)
- 280- 2024 CONTOUR (SEE REFERENCE NOTE 2)

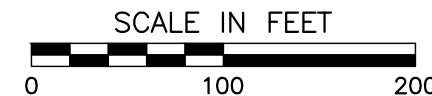
ELEVATIONS TABLE			
NUMBER	MIN. ELEV.	MAX. ELEV.	COLOR
1	-5.0	-3.0	Red
2	-3.0	0.0	Yellow
3	0.0	3.0	Green
4	3.0	5.0	Cyan
5	5.0	10.0	Blue
6	10.0	30.0	Purple

REFERENCE

1. TOPOGRAPHIC SURVEY PERFORMED BY RICHLAND COUNTY ON JUNE 30, 2023.
2. TOPOGRAPHIC SURVEY PERFORMED BY RICHLAND COUNTY ON JUNE 28, 2024.

EARTHWORK NOTES

1. STUDY PERIOD: JULY 1, 2023 TO JUNE 28, 2024.
2. A SURFACE COMPARISON OF THE 2023 EXISTING GROUND SURVEY AND THE 2024 EXISTING GROUND SURVEY WAS MADE TO GENERATE A CONSUMED AIRSPACE FOR THE LANDFILL.
3. BASED ON THE COMPARISON, A GROSS VOLUME OF 121,658 CY OF WASTE WAS PLACED DURING THE STUDY PERIOD. A VOLUME OF 3,723 CY HAS SETTLED DURING THE YEAR, GIVING A NET VOLUME OF WASTE PLACED OF 117,935 CY.



CEC
Civil & Environmental Consultants, Inc.
 3701 Arco Corporate Drive · Suite 400 · Charlotte, NC 28273
 Ph: 980.237.0373 · Fax: 980.237.0372
 www.cecinc.com

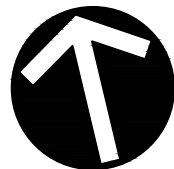
DRAWN BY: HCN CHECKED BY: CTH APPROVED BY: TMG
 DATE: JULY 2024 DWG SCALE: 1" = 100' PROJECT NO: 311-755

RICHLAND COUNTY
 CLASS TWO LANDFILL
 RICHLAND COUNTY, SOUTH CAROLINA

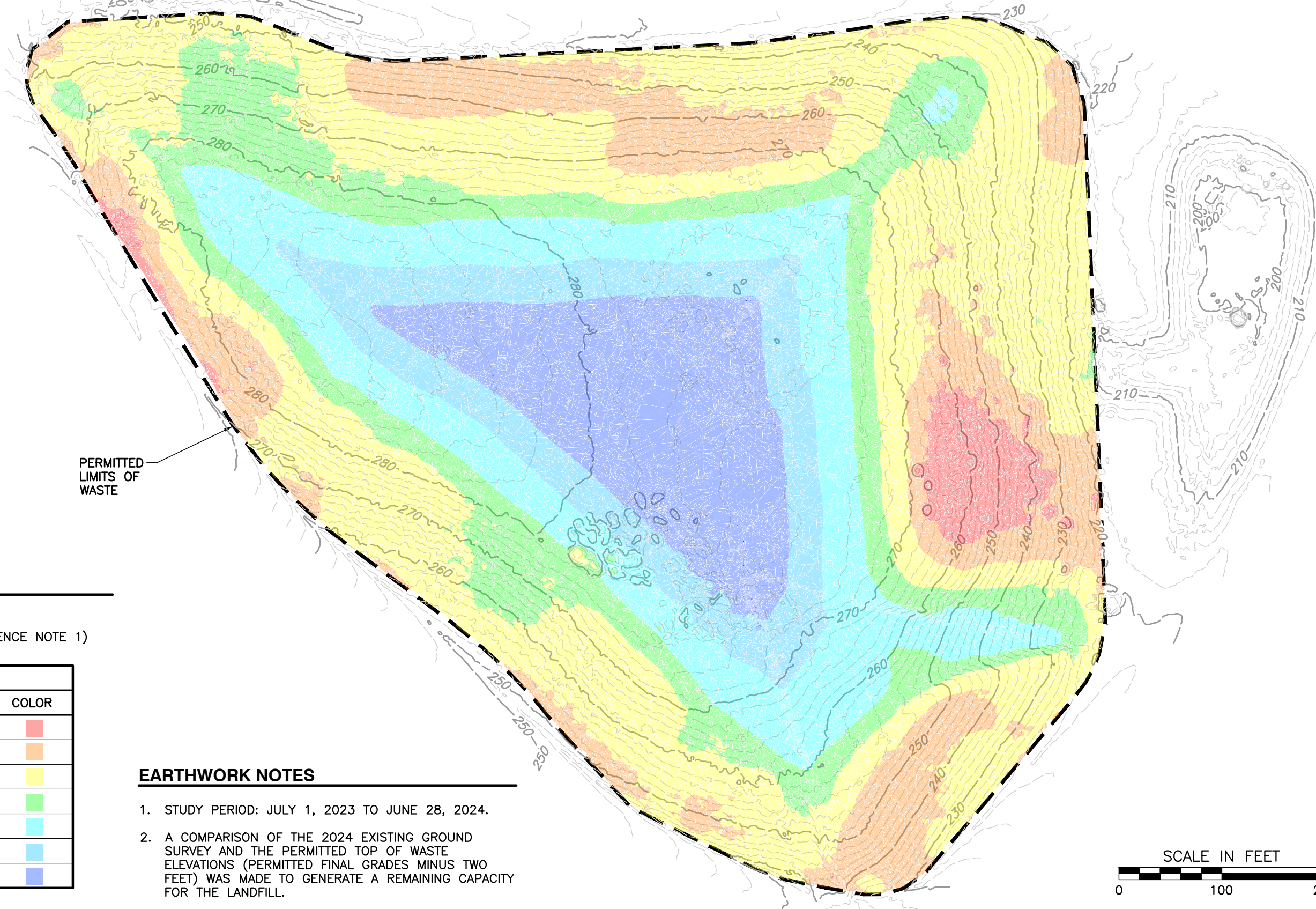
JUNE 2023 VS JUNE 2024

FIGURE NO.: **1**

F:\310-000\311-755\CADD\DWG\2024 Capacity Study\311755-2023 vs 2024 Study-Airspace Used.dwg\311755-2023 vs 2024 Study-Airspace Used.dwg - LP: 8/15/2024 11:08 AM



NORTH



LEGEND

- LIMITS OF WASTE
- 2024 CONTOUR (SEE REFERENCE NOTE 1)

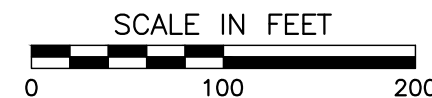
ELEVATIONS TABLE			
NUMBER	MIN. ELEV.	MAX. ELEV.	COLOR
1	-11.3	-3.0	
2	-3.0	0.0	
3	0.0	5.0	
4	5.0	10.0	
5	10.0	20.0	
6	20.0	30.0	
7	30.0	46.3	

EARTHWORK NOTES

1. STUDY PERIOD: JULY 1, 2023 TO JUNE 28, 2024.
2. A COMPARISON OF THE 2024 EXISTING GROUND SURVEY AND THE PERMITTED TOP OF WASTE ELEVATIONS (PERMITTED FINAL GRADES MINUS TWO FEET) WAS MADE TO GENERATE A REMAINING CAPACITY FOR THE LANDFILL.
3. BASED ON THE COMPARISON, A GROSS CAPACITY AIRSPACE OF 224,900 CY REMAINS AS OF JUNE 2024 SURVEY AS DEPICTED IN YELLOW, GREEN AND BLUE AREAS. A VOLUME OF 6,095 CY IN AREAS SHADED IN ORANGE AND RED REPRESENT WASTE AND/OR SOIL PLACED ABOVE PERMITTED TOP OF WASTE. PRIOR TO CLOSING THE LANDFILL, THESE AREAS SHOULD BE CHECKED TO DETERMINE IF SOME OR ALL OF THE VOLUME SHOULD BE PLACED WITHIN THE PERMITTED WASTE GRADES.

REFERENCE

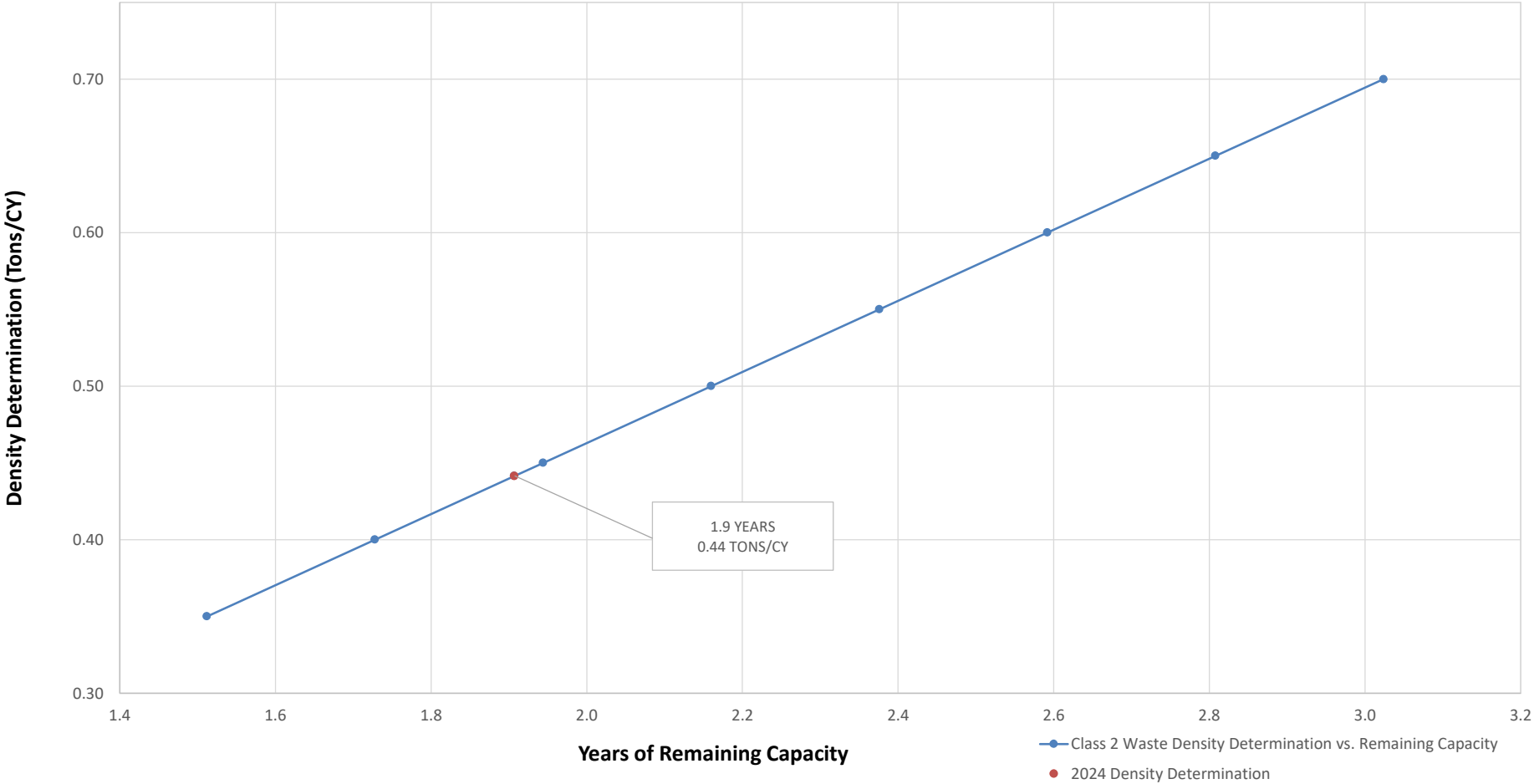
1. TOPOGRAPHIC SURVEY PERFORMED BY RICHLAND COUNTY ON JUNE 28, 2024.
2. FINAL TOP OF WASTE ELEVATIONS ARE 2' LOWER THAN THE PERMITTED CLOSURE GRADES.
3. FINAL TOP OF WASTE ELEVATION PROVIDED BY RICHLAND COUNTY, BASED ON DIGITAL FILES DATED JULY 27, 2016.



		RICHLAND COUNTY CLASS TWO LANDFILL RICHLAND COUNTY, SOUTH CAROLINA	
Civil & Environmental Consultants, Inc.		JUNE 2024 VS PERMITTED TOP OF WASTE ELEVATIONS	
3701 Arco Corporate Drive · Suite 400 · Charlotte, NC 28273 Ph: 980.237.0373 · Fax: 980.237.0372 www.cecinc.com		APPROVED BY: TMG FIGURE NO.: 2	
DRAWN BY: HCN	CHECKED BY: CTH	PROJECT NO: 311-755	
DATE: JULY 2024	DWG SCALE: 1" = 100'		

F:\310-000\311-755\CADD\DWG\2024 Capacity Study\311755-2024 Remaining Capacity.dwg;2 LS:(8/15/2024 - blopez) - LP: 8/15/2024 11:05 AM

Figure 3 - Class Two Density Determination vs. Remaining Years of Capacity



TANA

TANA WASTE SHREDDERS

TANA FROM WASTE TO VALUE®

Even more versatile than before

Unique versatility

Investing in a TANA shredder opens multiple opportunities. The TANA Shark is able to produce a homogenous particle size and has the capability to process the widest range of materials - even the toughest ones. Our 440 series shredders offer even more flexibility than before thanks to a wider variety of rotors, screen sizes and platforms. All our shredders are electric or diesel powered.

Ease of use

TANA shredders are extremely easy to adjust. Integrated screens are used to control the end product size and can be changed in just ten minutes. Non-crushables can be removed through the opening side wall. The TANA Control System (TCS) offers 12 preset operating programs for different types of waste. The touchscreen is state of the art, and software updates can be done remotely.

Ease of maintenance

Easy access to all service and maintenance points is one of the most appreciated features of TANA products. In addition to more efficient daily routines, optimal ergonomics maximize uptime. The opening side wall provides access to the rotor and the counter knives making rotor maintenance smooth and easy compared to other players on the market.



EQUIPMENT:
Customize to your needs



STRENGTHS:
Shreds practically anything

ROTORS:
7 different models



POWERPACK:
Diesel engine or electric



PLATFORM:
On tracks, semi-trailer or semi-stationary

CHARACTER:
Robust and smart



All you need to know

Best adjustability

With TANA you can make even-sized end products. You can adjust the particle size from 50 mm to 500 mm. The right screen size will be determined by the material characteristics and the required end product size.

Largest variety of materials

- Tyres
- Commercial & industrial waste (C&I)
- Construction and demolition waste (C&D)
- Municipal solid waste (MSW)
- Other types of special waste & side streams: ragged wire, plastics, pallets and waste wood, household waste, mattresses and furniture, paper, barbed wire, shingles

Most versatile use

- Pre-shredding
- Secondary shredding
- Final shredding

Material recovery & re-use

Waste can be transformed into valuable raw materials – with the right machine. Material recovery and re-use offer growing business opportunities. Reducing, re-using and recovering waste to manage waste sustainably can be done profitably with the TANA Shark.

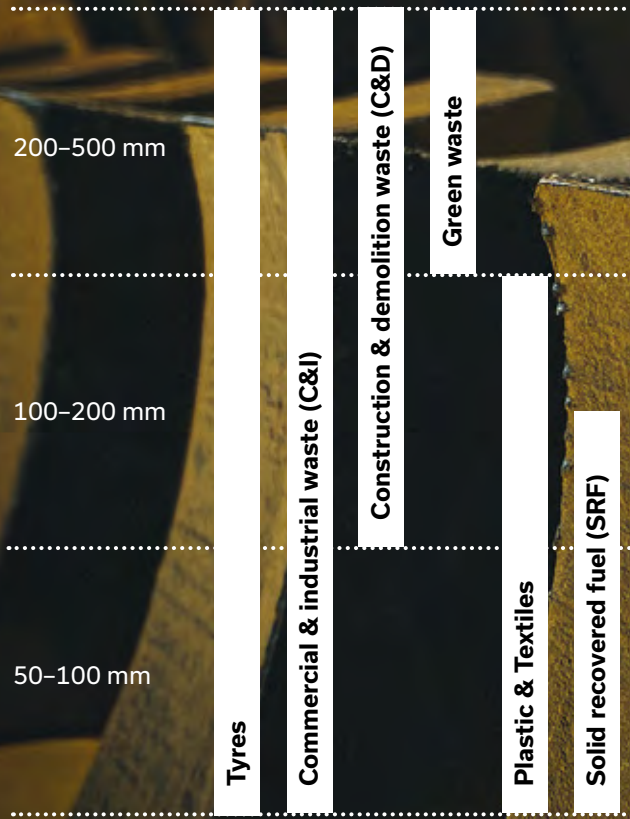
From waste to energy

Produce alternative fuel like SRF, RDF or TDF. The composition of waste streams changes constantly. The waste shredding process needs to be adjustable, as the quality of the source and end material vary. Commercial and industrial waste, tires, construction and demolition waste, and other types of waste can be crushed one after another and even mixed after shredding.

Traditional waste shredding process

TANA Shark waste shredding process

Particle sizes and waste types



Machines Costs: Fuel and people

200-500 mm	1 machine icon, 1 gear icon	1 stack of coins icon, 1 person icon
100-200 mm	1 machine icon, 2 gear icons	2 stacks of coins icon, 2 person icons
50-100 mm	1 machine icon, 3 gear icons	3 stacks of coins icon, 3 person icons

Machines Costs: Fuel and people

200-500 mm	1 machine icon, 1 gear icon	1 stack of coins icon, 1 person icon
100-200 mm	1 machine icon, 1 gear icon	2 stacks of coins icon, 1 person icon
50-100 mm	1 machine icon, 1 gear icon	3 stacks of coins icon, 1 person icon

For the best performance

Bolted cleaning combs

Cleaning combs at the back of the machine also affect the level of even quality of the end product size. Long cleaning combs help in producing a homogeneous particle size. Short combs are a good choice when working with heavily contaminated or difficult to shred materials. Bolt on cleaning combs are convenient to change and maintain.

Electrically controlled hydraulics

The electronic control of the rotor hydraulics allows faster and more precise control over the entire shredding process. TCS optimizes and adjusts the entire system, ensuring the best combination of performance and fuel economy. This way the performance and the capacity of the machine stay in balance with the operating costs at all times, from easily shreddable materials to the most challenging ones.

Power

Choice of two excellent options. Powerful and reliable Cummins diesel engines offer durable and efficient power generation and full mobility for all shredding purposes. Available for all marks in Tier IIIA and Stage V / Tier 4 Final versions.

Electrically driven powerpack offers VEM electric motors coupled together with proven TANA hydraulics for cases where electricity is available. Same performance, lower OPEX, zero CO2 local emissions, meets latest IE4 efficiency requirements.

TANA Control System

The TANA Control System (TCS) controls machine operations and automatically stops the machine in case of overloading, for example. TANA ProTrack® is a useful tool for taking care of timely and correctly scheduled maintenances. Critical alarm notifications may even prevent machine breakdowns.



Flexible operations

By adjusting the amount of counter knives, the end product size can be regulated, and with an adequate rotor screen, it can be fine-tuned and the optimal end product size-capacity ratio achieved. Both the rotor knives and the counter knives have two wearing surfaces that prolong their service life. Rotors and counter knives are also available with a carbide coating for extreme wear resistance.

Protecting your investments

The TANA Shark operates on a hydrostatic power transmission identical to the one used in TANA landfill compactors. The patented swing frame system protects the gearbox from overloading and possible damage.

Operational efficiency

Easy access to daily inspection points makes the routines more efficient and maximizes the machine's uptime. The removal of non-crushables is quick and easy through the opening side wall.

Ease of maintenance and service

Easily accessible service points improve ergonomics and save time, both of which are highly appreciated by TANA owners. Service kits including the needed filters and parts for each scheduled maintenance are delivered with TANA machines – convenient, rapid and easy.

Special features of TANA waste shredders



TANA Powerpack

Side-opening engine covers give easy access to service points that are designed to be user-friendly. Service platforms around the machine make daily maintenance more comfortable, efficient and safe.



Patented swing frame

The patented swing frame system protects the gearbox and prevents breakdowns.



TANA Control System (TCS)

TANA TCS has been updated with a new touchscreen display module. Choose one of the 12 preset shredding programs to ensure an optimized process.



TANA ProTrack®

TANA ProTrack® provides online access to your machine wherever you are. For maximizing machine uptime and optimizing your operations.



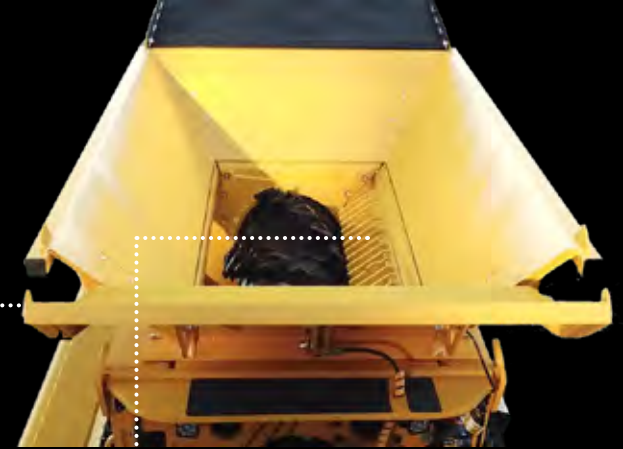
Overband magnet

Separating ferrous metals from the shredded material results in a cleaner end product and additional income. The height and direction can be controlled easily through TCS.



Folding hopper side wall

Prevents material from spilling from the hopper to the conveyor.



Bolted cleaning combs



11 different rotor screen sizes



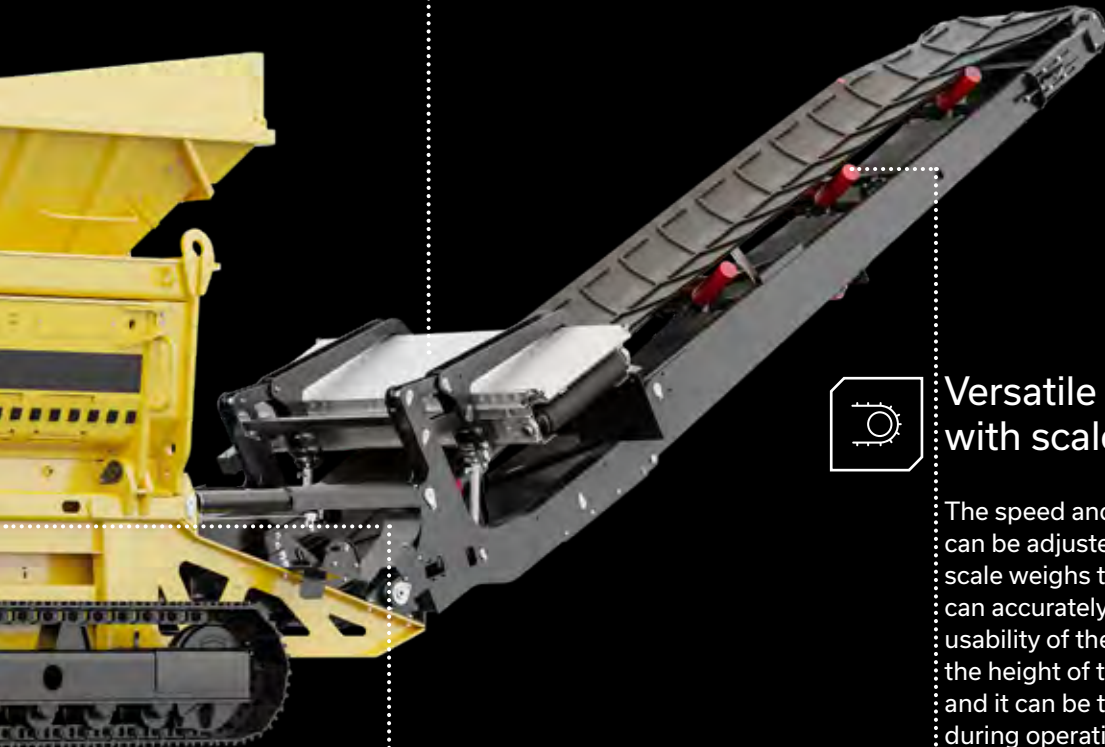
Versatile 2-part conveyor with scale

The speed and direction of each conveyor can be adjusted separately. The conveyor scale weighs the shredded material so you can accurately monitor your process. The usability of the magnet is state of the art – the height of the magnet can be adjusted and it can be turned off and back on again during operation. The direction of the magnet to the left or right can be chosen, which improves flexibility.



Torque and robustness

The highest torque on the market and robust structure ensure its capability to shred the toughest materials, like big tires and ragger wire.



Unique Intelligence



Control system optimizes and controls operation

The TANA Control System (TCS) monitors and controls the machine functions. The operating programs adjust the shredder functions to the optimal level needed for the shredding process in question. It is the key element in controlling operating costs.

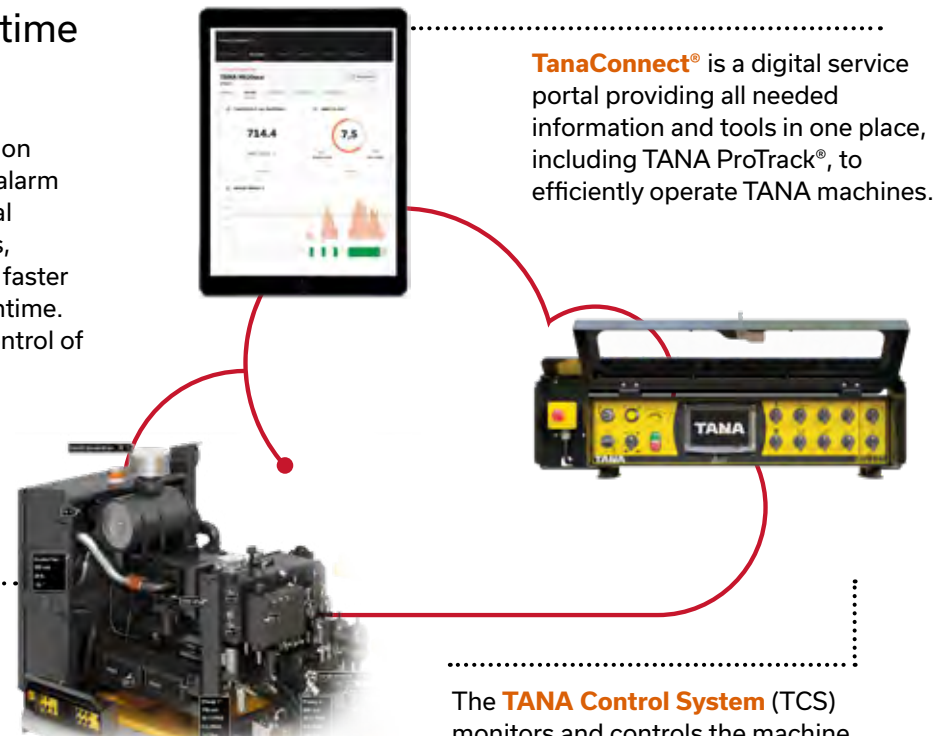
Integrated scale collects information

The integrated scale will keep you up to date on the amount of shredded waste. The scale automatically weighs the shredded materials and sends the information to the TANA ProTrack® Information Management System. Reports provide an overall understanding of the efficiency of your shredding process.

Track processes in real-time with TANA ProTrack®

Through TANA ProTrack® the operation can be followed in real time. Critical alarm notifications help to prevent potential problems, and if something happens, troubleshooting and diagnostics are faster and more accurate, minimizing downtime. As a machine owner you will have control of the machine anywhere and anytime.

TANA ProTrack® is an integrated information management system that collects real-time and detailed data about the shredding process, amounts of shredded materials and the machine itself.



TanaConnect® is a digital service portal providing all needed information and tools in one place, including TANA ProTrack®, to efficiently operate TANA machines.

The **TANA Control System (TCS)** monitors and controls the machine functions.

Unique versatility

Choose the rotor for your needs.

Available rotors:

- Standard 33
 - Standard 33+
 - Heavy duty 33
 - Heavy duty 33+
 - Standard 44
 - Heavy duty 44
 - Heavy duty 44+
- The plus rotors can withstand up to six times more fatigue making them a safe, long-term choice for heavy applications with intensive wear.
 - The HD rotors offer ease of maintenance in the form of easily replaceable wear plates, which are available as individual pieces of full sets for the entire rotor.
 - 33 knife rotor offers flexibility and suitability for all applications and is meant especially for applications where the infeed material size is bulky or large.
 - 44 knife rotors offer increased performance and capacity in applications where the particle size is controlled with a screen and the infeed material is homogenous.



Heavy Duty Rotor
C&D



Standard Rotor+
C&I



Standard Rotor
Wood, green waste, MSW



Heavy Duty+ Rotor
Tires, ragger wire, mattresses

low wear

high wear

SHARK ON TRACKS

The most versatile mobile waste shredder with excellent capacity and productivity. You will get excellent performance with better fuel efficiency, lower machine operating costs and improved usability and serviceability.

440DT & 440DTeco

EU Stage IIIA/U.S. EPA Tier 3
Diesel

EU Stage V/U.S. EPA Tier 4(f)
Diesel

- Raised frame with more space to guarantee better material flow underneath the rotor
- Integrated scale for staying up to date on the amount of shredded waste
- Bolt-on cleaning combs for easier maintenance
- Magnet conveyor: discharge side selected from TCS + hydraulic magnet adjustment during operation
- Full mobility with tracks - move around by remote control



440ET

Electric, VEM / Lönne, IE4
Diesel, EU Stage V/U.S. EPA Tier 4(f)

- Full mobility - drives on diesel, shreds on electricity
- Effortless use of auxiliary power
- Shredding with less noise and zero emissions
- Quick couplings for power grid



220DTeco

EU Stage V/U.S. EPA Tier 4(f)
Diesel

- Equipped with all the well-known TANA features
- Affordable and safe investment
- Ease of use
- Low fuel consumption



SHARK ON SEMI-TRAILER

Easy to move. Choose diesel or 6 dB quieter electric engine with zero emission. TANA shredder's efficiency and unique versatility provide TANA owners with opportunities to increase profits and reduce costs.

440D

EU Stage IIIA/U.S. EPA Tier 3
Diesel

&

440Deco

EU Stage V/U.S. EPA Tier 4(f)
Diesel

- Integrated scale for staying up to date on the amount of shredded waste
- Standard frame (no raised frame)
- Bolt-on cleaning combs for easier maintenance
- Magnet conveyor improvements: discharge side selected from TCS + hydraulic magnet adjustment during operation



440EM

Electric, VEM / Lönne, IE4

- Electric semi-trailer TANA Shark offers the same versatility and reliability as its diesel equivalent, while being more ecofriendly in terms of emissions and noise.
- It provides a sustainable process with low operations costs, cleaner site and safer working environment.
- Easy and safe access to power grid is guaranteed with quick couplings



STATIONARY WASTE SHREDDER

Stays put and guarantees zero emissions. Less noise. TANA's exceptional reliability, efficiency and productivity.

440E

Electric, VEM / Lönne, IE4

- Electricity boosts the productivity while providing low operating and maintenance costs
- Easy and safe access to power grid is guaranteed with quick couplings
- Five different setup options to precisely match your requirement (e.g. without conveyor, with lower conveyor, lower and upper conveyor etc.)





General informaton	220DTeco	440DT 440DTeco	440D 440Deco
Operating weight, kg *	29700	30200 (440DT) / 30400 (440DTeco)	27300 (440D) / 27500 (440Deco)
Total length in transportation, mm**	10260	10260	10270
Total length in operation, mm	15750	15750	15680
Total width, mm	2550	2550	2530
Total height in transportation, mm	3600	3600	3970
Rotor shaft type	single shaft	single shaft	single shaft
Conveyor belt speed (max. m/s)	3	3	3
Conveyor width	1000	1000	1000
Discharge & transfer conveyor length (mm)	5480, 7050	5480, 7050	5480, 7050
Conveyor height on operation**	4290	4290	4720
Integrated scale	x	x	x
Remote control	x	x	option
Maximum velocity (models with tracks)	2,5 km/h	2,5 km/h	
Engine and power transmission			
Engine & emissions	Cummins X15 - Fulfills Tier 4 final, EU Stage V	Cummins X15 (440DT) - Fulfills Tier 3, EU Stage IIIA Cummins X15 (440DTeco) - Fulfills Tier 4 final, EU Stage V	Cummins X15 (440D) - Fulfills Tier 3, EU Stage IIIA Cummins X15 (440Deco) - Fulfills Tier 4 final, EU Stage V
Power rating (SAE J1995) (kW)	399	399	399
Displacement (l) & number of cylinders	15 - 6	15 - 6	15 - 6
Fuel tank (litres)	720	710	755
Urea tank (eco-models only)	56	56	56
Rotor drive gears, pcs	1	2	2
Nominal rotor torque, kNm	220	440	440
Infeed hopper			
Loading height (mm)	3170	3170	3400
Volume m3	5	5	5
Shredding tools			
Rotor shredding length, mm	3000	3000	3000
Rotor speed max, rpm	28	28	28
Rotor diameter, mm	920	920	920
Rotor knives, pcs	33 / 44 (option)	33 / 44 (option)	33 / 44 (option)
Counter knives, pcs	23	23	23
Rotor knife type	Bolt-on, reversible knife	Bolt-on, reversible knife	Bolt-on, reversible knife
Rotor knife size, mm	115x70	115x70	115x70
Examples of optional equipment:			
Overband magnet	x	x	x
Conveyor side covers	x	x	x
Rotor screen sizes (mm)	50, 76, 90, 100, 109, 120, 140, 167, 220, 275, special tyre shredding screen	50, 76, 90, 100, 109, 120, 140, 167, 220, 275, special tyre shredding screen	50, 76, 90, 100, 109, 120, 140, 167, 220, 275, special tyre shredding screen

Technical specification D120111/ 24.10.2023

Weights and measurements are given within normal tolerances limits. The manufacturer reserves the right for any changes.

* Operating weight includes the basic machine (fuel tank full)

** When at 30° nominal working angle

*** Underband, overband or both conveyors sold as an option for the 440E model

**** 50Hz / 400 V ***** 60 Hz / 480 V UL

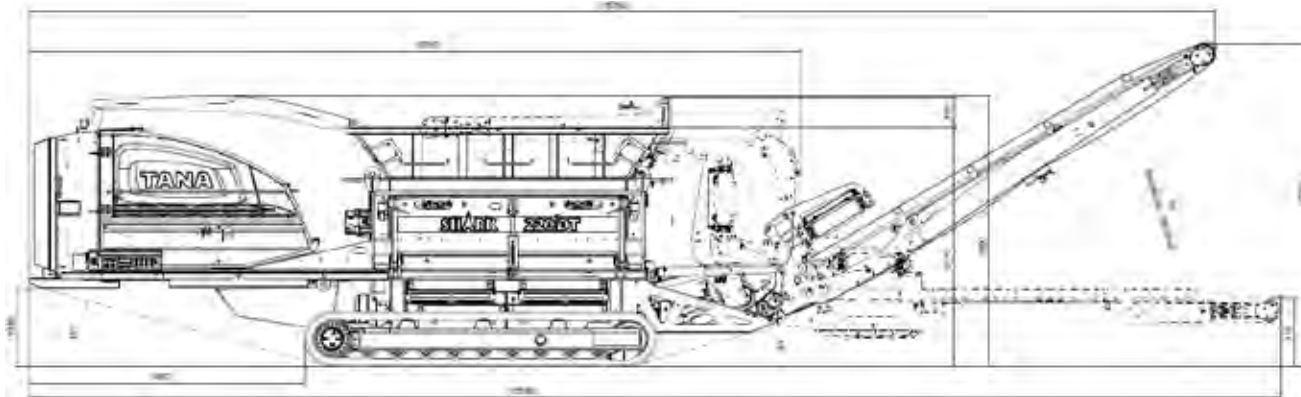
General informaton	440ET	440EM	440E
Operating weight, kg *	31900	27400	24500
Total length in transportation, mm**	10260	10060	6340
Total length in operation, mm	15750	15480	11900
Total width, mm	2550	2530	2420
Total height in transportation, mm	3600	3970	3340
Rotor shaft type	single shaft	single shaft	single shaft
Conveyor belt speed (max. m/s)	1,3	3	3
Conveyor width	1000	1000	1000
Discharge & transfer conveyor length (mm)	5480, 7050	5480, 7050	- ***
Conveyor height on operation**	4290	4730	-
Integrated scale	x	x	x
Remote control	option	option	option
Maximum velocity (models with tracks)	1,3 km/h		
Engine and power transmission			
Engine & emissions	VEM / Lönne, IE4 Doosan D34 3,4 liter, 4 cylinder engine	VEM / Lönne, IE4	VEM / Lönne, IE4
AUX diesel engine (440ET only)	- Fulfills Tier 4 final, EU Stage V		
Power rating (SAE J1995) (kW)	2 x 160 kW****/ 2 x 175 kW*****	2 x 160 kW****/ 2 x 175 kW*****	2 x 160 kW****/ 2 x 175 kW*****
Fuel tank litres (440ET only)	55	-	-
Electrical connection/earthing	TN-C	TN-C	TN-C
Main fuse size	630 A	630 A	630 A
Rotor drive gears, pcs	2	2	2
Nominal rotor torque, kNm	440	440	440
Infeed hopper			
Loading height (mm)	3170	3400	2296 (without the base)
Volume m3	5	5	5
Shredding tools			
Rotor shredding length, mm	3000	3000	3000
Rotor speed max, rpm	26/28	26/28	26/28
Rotor diameter, mm	920	920	920
Rotor knives, pcs	33 / 44 (option)	33 / 44 (option)	33 / 44 (option)
Counter knives, pcs	23	23	23
Rotor knife type	Bolt-on, reversible knife	Bolt-on, reversible knife	Bolt-on, reversible knife
Rotor knife size, mm	115x70	115x70	115x70
Examples of optional equipments:			
Overband magnet	x	x	x***
Conveyor side covers	x	x	x
Rotor screen sizes (mm)	50, 76, 90, 100, 109, 120, 140, 167, 220, 275, special tyre shredding screen	50, 76, 90, 100, 109, 120, 140, 167, 220, 275, special tyre shredding screen	50, 76, 90, 100, 109, 120, 140, 167, 220, 275, special tyre shredding screen

Technical specification D120111/ 24.10.2023
Weights and measurements are given within normal tolerances limits. The manufacturer reserves the right for any changes.

* Operating weight includes the basic machine (fuel tank full)
** When at 30° nominal working angle

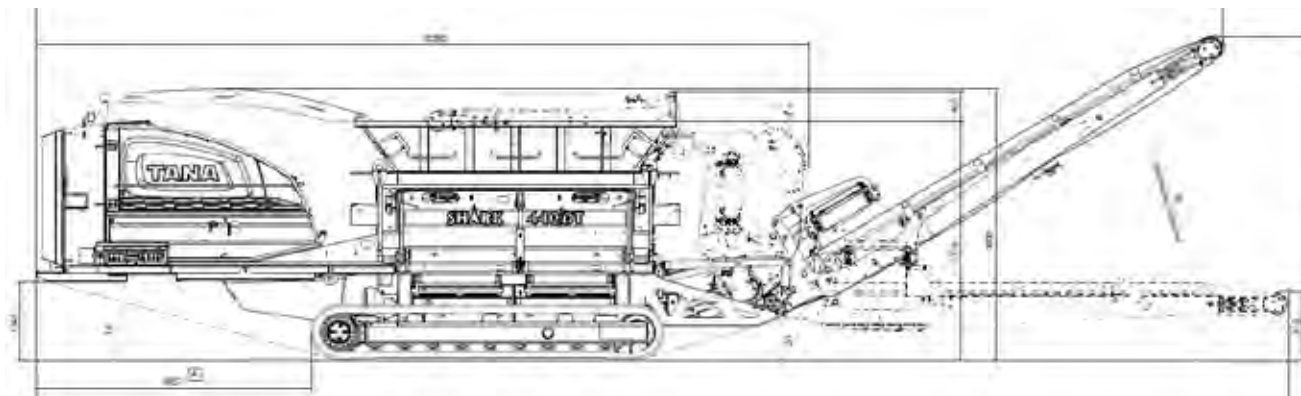
*** Underband, overband or both conveyors sold as an option for the 440E model
**** 50Hz / 400 V ***** 60 Hz / 480 V UL

Technical dimensions



220DT

EU Stage V/U.S. EPA Tier 4(f)
Diesel



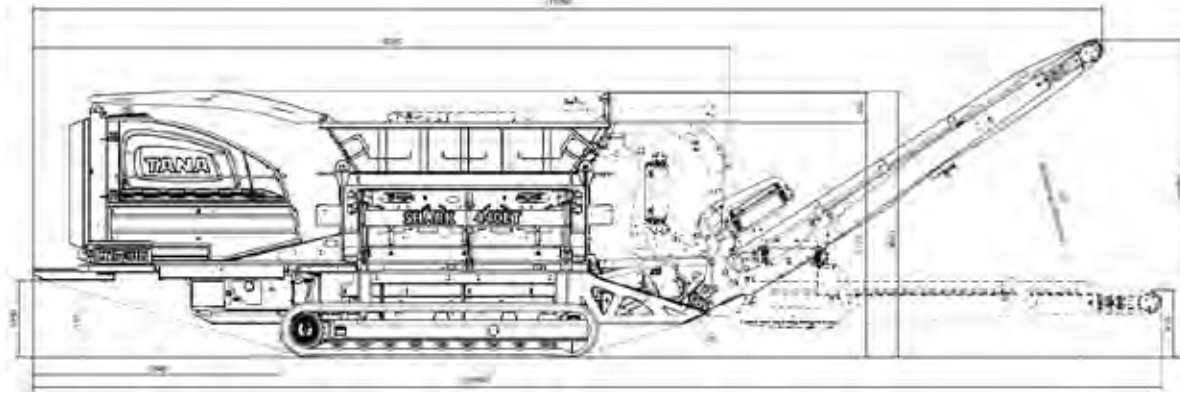
440DT

EU Stage IIIA/U.S. EPA Tier 3
Diesel

&

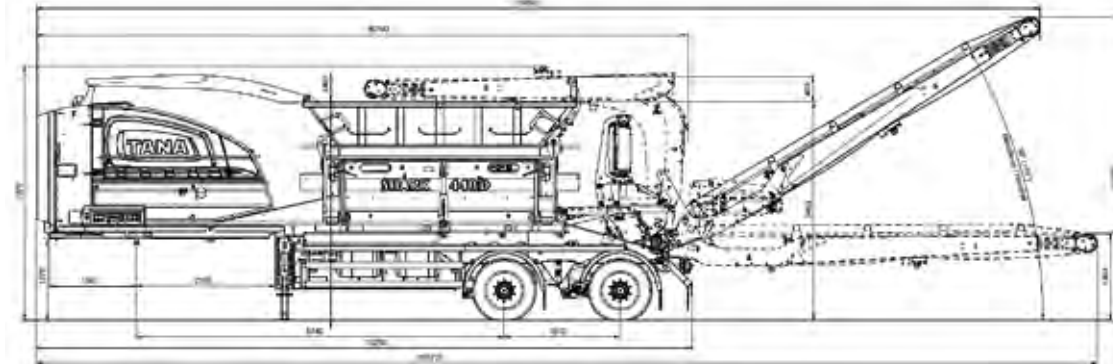
440DTeco

EU Stage V/U.S. EPA Tier 4(f)
Diesel



440ET

Electric



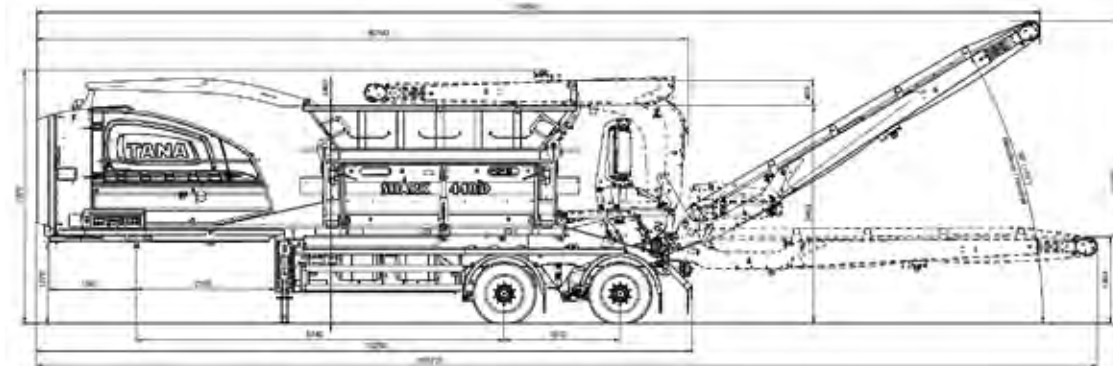
440D

EU Stage IIIA/U.S. EPA Tier 3
Diesel

&

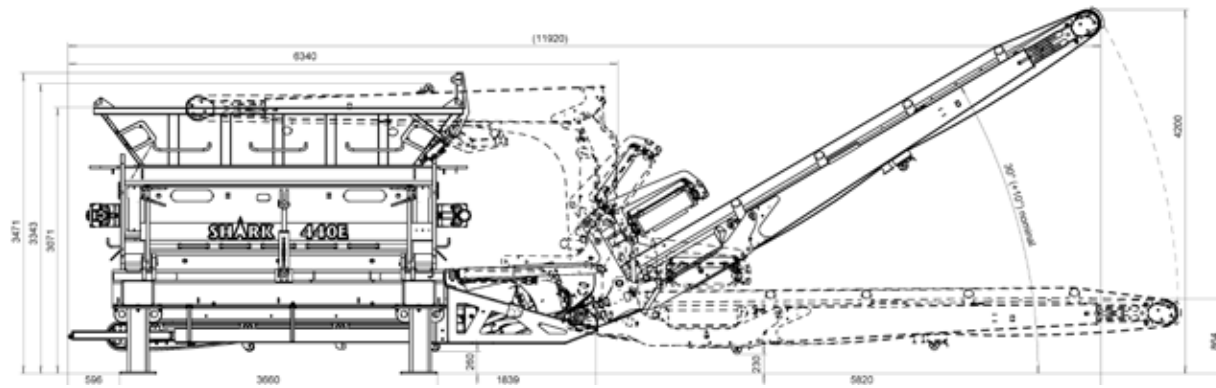
440Deco

EU Stage V/U.S. EPA Tier 4(f)
Diesel



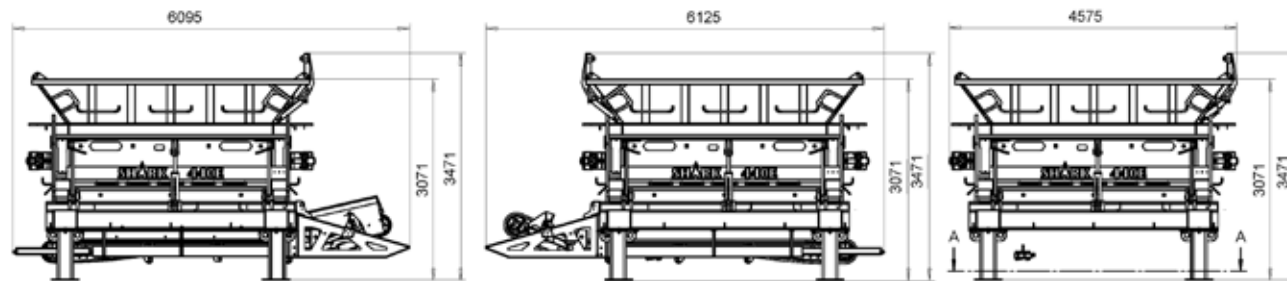
440EM

Electric



440E

Electric stationary



We are here for you.



We know our responsibility and machines

Tana Oy is an environmental technology company that promotes sustainable development by providing smart equipment and solutions for solid waste management. It is a matter of honor for us that our customers share the feeling of confidence. We put serious effort into proactive maintenance because we want to keep our promise. We ensure that the Authorized Tana Distributors around the world have the best tools for taking excellent care of Tana customers.

1970

The beginning

The first purpose build landfill compactor with two full-width iron drums was manufactured for an exhibition in Hannover.

1995-2006

Brave decisions and actions

Waste management changed and new solutions were needed. The first slow speed shredder was introduced in 2006.

2008

Intelligence

We wanted to be one step ahead with IoT and decided to equip our machines with intelligence. TANA ProTrack® was launched.

2021-2024

From Waste to Value

By developing our brand, we want to inspire both our staff, partners and customers to do their best in an easier and more efficient way.

TANA

CONTACT US

Tana Oy

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Schaumanin puistotie 1
FI-40101 Jyväskylä
Tel. +358 20 7290 240
mail@tana.fi
www.tana.fi

Your local Tana distributor:



TANA FROM WASTE TO VALUE®

Shredder Options				
Fire Extinguisher	TX11908		\$687.50	5-30 Days
Fire Suppression System	TX935095		\$35,416.67	5-30 Days
Fire Suppression System - DAFO - Installed at factory			\$21,875.00	5-30 Days
Dust Suppression System - installed at factory or parts only	T934633		\$13,611.11	
Electric preheater - engine & hydraulic	T924274		\$2,951.39	5-30 Days
Webasto - engine & hydraulic pre heater	T936906		\$12,291.67	5-30 Days
Protrack Access and Reporting Access - Per Year - This is included in ALL warranties (std & extended)	TX11912		\$1,527.78	5-30 Days
Preventive Maintenance Kits - 1,500 Hours - D Series Mobile Units - purchase with unit	TX11918		\$7,236.11	5-30 Days
Preventive Maintenance Kits - 1,500 Hours - E Series Electric Units - purchase with unit			\$2,214.00	5-30 Days
Remote Control - D Series Units	T937547		\$10,138.89	5-30 Days
Light Mast	T929878		\$2,187.50	5-30 Days
Overband Magnet			\$38,750.00	5-30 Days
Screen Support Bars (Banana Bars) - Set of 3			\$9,540.00	5-30 Days
Screens	VARIOUS	Range low	\$9,513.89	5-30 Days
	VARIOUS	Range high	\$10,833.33	5-30 Days
1 set of rotor knives - (440 with 33 knives)	T918704	Must be ordered with new unit from factory	\$3,133.33	5-30 Days
1 set of rotor support plates - brackets (440 with 33 knives)	T921525	Must be ordered with new unit from factory	\$819.44	5-30 Days
1 set of rotor knives - (440 with 44 knives)	T936088	Must be ordered with new unit from factory	\$4,177.78	5-30 Days
1 set of counter plates - brackets (440 with 44 knives)	T936093	Must be ordered with new unit from factory	\$1,092.59	5-30 Days
Arrow Style Counter Knives (Set of 21)	TX918270	TX918270 X 21 PCS	\$7,338.84	5-30 Days
Arrow Style TOUGH TOOTH Counter Knives (Set of 21)	TX10540	TX10540 X 21 PCS	\$9,609.73	5-30 Days
Ax Style Counter Knives (Set of 21)	TX930063	TX930063 X 21 PCS	\$8,834.31	5-30 Days
Ax Style TOUGH TOOTH Counter Knives (Set of 21)	TX11522	TX11522 X 21 PCS	\$11,215.97	5-30 Days
Half Style Counter Knives (Set of 2)	TX918663	TX918663 X 2 PCS	\$609.26	5-30 Days
Tana HD Wear Rotor - 30 mm rotor	T929876		\$47,765.28	5-30 Days
Tana HD Wear Rotor - 44 Rotor Knives - 30 mm rotor	T935538		\$70,795.83	5-30 Days
Tana HD Wear Rotor - 50 mm	T933230		\$61,375.00	5-30 Days
Tana HD Wear Rotor - 50 mm with 44 Rotor Knives	T937289		\$84,404.17	5-30 Days
Tana HD Door	T936099		\$18,393.06	5-30 Days
Extended Warranty Options		ONLY through TMR		

CUSTOMER: Richland County SC Landfill 1070 Caughman Road North Columbia, SC 29203	DELIVER TO: Richland County SC Landfill 1070 Caughman Road North Columbia, SC 29203	DATE: 8/23/2024
CONTACT: Syndi Castelluccio PHONE: (803)518-4560	PICK UP LOCATION:	SALESMAN: Mark Zegilla Expiration: 45 Days

Thank you for the opportunity to quote the following items.
Please review the quotation and contact us with any questions.

UNIT	QTY.	NEW OR USED	YEAR	MAKE	MODEL	PRICE
	1	NEW	2024	TANA	Shark 440DT	\$1,126,238.35
DESCRIPTION & SPECIFICATIONS	Operating Weight: 77,900lbs. Cummins X15 Diesel Engine One Screen					
ATTACHMENT/OPTION	Webasto-Engine and Hydraulic Pre Heater					
ATTACHMENT/OPTION	Light Mast					
ATTACHMENT/OPTION	5 Years Protrack Access and Reporting					
ATTACHMENT/OPTION	TANA HD Wear Rotor - 50mm with 44 Rotor Knives					
ATTACHMENT/OPTION	TANA HD DOOR					
ATTACHMENT/OPTION	Additional set of Rotor and Counter Knives and HDWE					\$20,000.00
ATTACHMENT/OPTION	Break in Service included					
PM SERVICE CONTRACT						
STANDARD WARRANTY	1 Year / 1500 Hours Full Machine					
EXTENDED WARRANTY	5 Year / 5,000.00					\$36,023.53

FOB: Customer	CONTRACT #: NCSA# 24-08-0421R	TOTAL CASH PRICE	\$1,182,261.88
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*Rates may vary** Based on delivery date & credit approval process* AFG RATE (SUBJECT TO CHANGE!)

FINANCE OPTIONS			
MONTH	RATE	PAYMENT EST	PLEASE CHECK & INITIAL
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Trade In Equipment - Purchases herby bargains, sells and conveys unit Seller the above described Trade-In Equipment and certifies it to be free and clear of liens, encumbrances, and security interests except to the extend shown below.	I agree to pay all taxes and other charges and settle for the purchase price as follows:	
	1. Total Cash Price	1,182,261.88
	2. Discount/Rebate/Down Payment	
	3. Unpaid Cash Payment	1,182,261.88
	4. Sales Tax	94,580.95
	5. DOC Fees or Charges	
	6. Total Taxes and Fees	94,580.95
	7. Cash Due on Delivery	1,276,842.83
<small>In the event Buyer fails to pay any portion of the amount identified above, Buyer shall be responsible, and must reimburse Seller, for any costs (including litigation costs and attorney's fees) incurred by Seller collecting the outstanding balance. Any past due amounts owing under this Bill of Sale shall accrue interest at 1 1/2 % per month until the entire balance is paid in full.</small>		

Order Taken By: <u>Mark Zegilla</u>	Purchaser Name: <u>Syndi Castelluccio</u>
Seller Signature: <u>Mark Zegilla</u>	Purchaser Signature:



**RICHLAND COUNTY
ADMINISTRATION**

2020 Hampton Street, Suite 4069
Columbia, SC 29204
803-576-2050



Agenda Briefing

Prepared by:	Michael Maloney	Title:	Director
Department:	Public Works	Division:	
Date Prepared:	August 27, 2024	Meeting Date:	September 24, 2024
Legal Review	Patrick Wright via email	Date:	September 6, 2024
Budget Review	Maddison Wilkerson via email	Date:	September 16, 2024
Finance Review	Stacey Hamm via email	Date:	September 16, 2024
Approved for consideration:	Assistant County Administrator	John M. Thompson, Ph.D., MBA, CPM, SCEM	
Meeting/Committee	Administration & Finance		
Subject	Hobart Road Re-alignment Project Award		

RECOMMENDED/REQUESTED ACTION:

Staff recommends the award of the Hobart Road re-alignment project to Cherokee, Inc. The bid price is \$735,637.29. Staff recommends a 15% contingency for a total approved amount of \$845,982.88.

Request for Council Reconsideration: Yes

FIDUCIARY:

Are funds allocated in the department’s current fiscal year budget?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If not, is a budget amendment necessary?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

ADDITIONAL FISCAL/BUDGETARY MATTERS TO CONSIDER:

This is a jointly funded project between Richland County Public Works and the County Transportation Committee (CTC). The South Carolina Department of Transportation (SCDOT) will provide funds for signal equipment. Available funding in the current budget is encumbered in requisition REQ-00000100:

Type	Amount
CTC Grant	\$560,000
2020A Go Bond	\$500,000

Applicable fund, cost center, and spend category: Fund: 1200; 1301
Cost Center: 9923; 9950
Spend Category: construction

OFFICE OF PROCUREMENT & CONTRACTING FEEDBACK:

The bid tab has been included as an attachment.

COUNTY ATTORNEY’S OFFICE FEEDBACK/POSSIBLE AREA(S) OF LEGAL EXPOSURE:

There are no legal concerns regarding this matter.

REGULATORY COMPLIANCE:

Not applicable.

MOTION OF ORIGIN:

There is no associated Council motion of origin.

STRATEGIC & GENERATIVE DISCUSSION:

The current alignment of Hobart Rd at this railroad crossing requires drivers to acknowledge stop signs at the industrial tracks and the mainline track. Sightlines at both tracks can be improved by creating a perpendicular roadway crossing. The close proximity of two unsignalized crossings creates the potential for an inexperienced or distracted driver to become stopped on the tracks if s/he disregards proper traffic safety protocols. The existing crossing was closed by the South Carolina Department of Transportation (SCDOT) and Richland County.

Public Works has completed all permitting and property acquisition, and has a responsive contractor for this project. This new alignment will provide automated gates with audible and visual safe guards on the mainline track, increased sightlines, additional signage and pavement markings on all tracks. This project is a joint effort with SCDOT, who will assist with the railroad crossing signalization of the mainline track and improve the intersection with signalization at Farrow Rd and Hobart Rd.

ASSOCIATED STRATEGIC GOAL, OBJECTIVE, AND INTIATIVE:

Goal: Plan for Growth through Inclusive and Equitable Infrastructure

Objective: Create excellent facilities

ADDITIONAL COMMENTS FOR CONSIDERATION:

The Federal Railroad Administration (FRA) inventory report for the crossing at Hobart Rd (715906J), operated by Norfolk Southern, documents the operating speed of trains through this crossing to be between 40-50mph. This crossing is marked with signage only (crossbucks, advanced warning, and stop signs). There are no railroad crossing pavement markings or signalized warnings present.

Two reports were found for the crossing at Hobart Road:

- August 2008 a train moving at 43mph collided with a vehicle that failed to stop resulting in two fatalities and two injuries.
- April of 2022 a train moving at 42mph collided with a vehicle that failed to stop resulting in the fatality of the vehicle's driver.

ATTACHMENTS:

1. Bid Table
2. Map

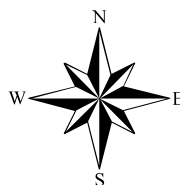
RC-672-B25		Palmetto Sitework Services	
Hobart Road Re-alignment			Cherokee, Inc.
Re-advertisement	Total Cost	\$958,844.80	\$735,637.29
Due 8/ 9/2024 @ 2 pm			

Hobart Road Railroad Crossing Relocation



Legend

- Roads
- + + Railroads



1 inch = 500 feet



PUBLIC WORKS

Richland County Department of
Public Works 2022



Informational Agenda Briefing

Prepared by:	Lori Thomas	Title:	Assistant County Administrator
Department:	Administration	Division:	
Date Prepared:	September 16, 2024	Meeting Date:	September 24, 2024
Approved for consideration:	County Administrator	Leonardo Brown, MBA, CPM	
Meeting/Committee	Administration & Finance		
Subject:	Capital Projects Update - Columbia Place Mall Projects		

Three of the largest capital improvement projects currently underway by the County are those located at the Columbia Place Mall.

On November 7, 2023, Council approved the issuance of general obligation bonds. A portion of those was allocated to fund the Voters Registration and Elections and the Department of Juvenile Justice facility in the former JC Penney anchor store at Columbia Place Mall. Another portion was allocated for the Family Services Center in the former Dillard's anchor store at the Columbia Place Mall.

The space allocated for the Voters Registration and Elections and Department of Juvenile Justice facility was already demolished and only required design to accommodate offices, warehouse, and early voting capacity. The facility is anticipated to be online by the end of calendar year 2025 (see Attachment 1).

The Family Services Center is a much larger and more complex facility that required stakeholder meetings to ensure the design accommodated the Department of Social Services, Department of Health and Human Services, Department of Public Health (formerly DHEC), and WellPartners for the foreseeable future. Final design is in progress, and permitting is expected to begin in October 2024 as well as complete demolition of the existing space. The current estimate for completion is the first quarter of calendar year 2026.

At its March 3, 2020 meeting, Council voted “[t]o instruct the Administrator to move forward with the due diligence for the Burlington store to be used for the 911 Services and contract modification, as discussed in Executive Session.” This project is a highly complex and technical project with a projected cost of construction and communications equipment of approximately \$48,000,000. The facility is estimated to be substantially complete in June 2025 with capacity for occupancy by the end of calendar year 2025 (see Attachment 1).

ATTACHMENTS:

1. Project Status Report August 2024
2. Capital Planning Proposal September 2023

Richland County Public Safety Complex

MONTHLY PROGRESS REPORT August 2024



M. B. Kahn

KAHN Construction Co., Inc.

P. O. Box 1179 / Columbia, SC 29202
Phone 803-736-2950

Project:

This project consists of a full interior and partial exterior demolition of the existing JC Penny located at Columbia Place Mall. The first floor of the building will be turned into a 911 Call Center and PPP office space with the second floor being transformed into Voter Registration and Department of Juvenile Justice spaces for Richland County. Current contract covers the full scope of the first floor buildout and second floor.

Programing and Design Status:

Design is complete.

Bid Status:

Bidding is complete

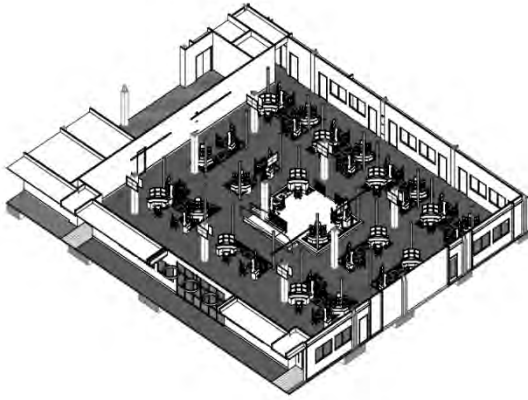
Construction Status:

911/PPP - HVAC and electrical overhead installation is completing. Electrical panels and homeruns continue. Exterior storefront to continue. Flooring to continue and tile to complete. MDF racks install and data pulls to complete.

VR/DJJ – Framing complete. Overhead rough-in for MEP to continue. Plumbing in-wall to continue. Electrical in-wall ongoing. Hang, tape and finish sheetrock. Door frames to complete. Fire protection rough-in ongoing.

Other Issues:

No other issues at this time.



Individual sheets

Architect Info

**Interior Demolition and Up-fit for
 911 Call Center and VR/DJJ**

Budget Status

Original New Construction Budget for 911	\$30,223,038	
Current Construction Estimate for 911	\$30,223,038	
Original New Construction Budget for VR/DJJ	\$13,173,826	
Current Construction Estimate for VR/DJJ	\$13,173,826	
$\Delta =$	0	---budget

Next Step

- **Complete Paint**
- **Complete interior aluminum frames & glass**
- **Complete tile and flooring**
- **Complete ACT grid**
- **Begin casework**
- **Complete in-wall MEP rough-in VR/DJJ**
- **Complete rooftop curbs VR-DJJ**
- **Set RTU's VR-DJJ**

Submittal Status

- **Submittal register is attached**

Schedule Status

Complete schedule is attached. Milestone activities are listed below:

Activity	Scheduled Completion Date
Plumbing finishes to complete	10/2024
911 Final Paint	4/10/2025
911 Beneficial Occupancy	5/28/2025
VR/DJJ Final Paint	6/5/2025
VR/DJJ Beneficial Occupancy	7/25/2025



Requests for Information

Open RFI's:

- 6: Digital Wall Covering Detail
- 18: Leak @ Stairwell Corridor

Budget Adjustments

- No contingency adjustments for the New Construction Scope for 911/PPP/VR-DJJ.

Pending Adjustments

- None

Work Force Report

Current MBK staff is: (2) Superintendents/(1) Assistant Superintendent/Project Director/(1) Foreman/Project Engineer.

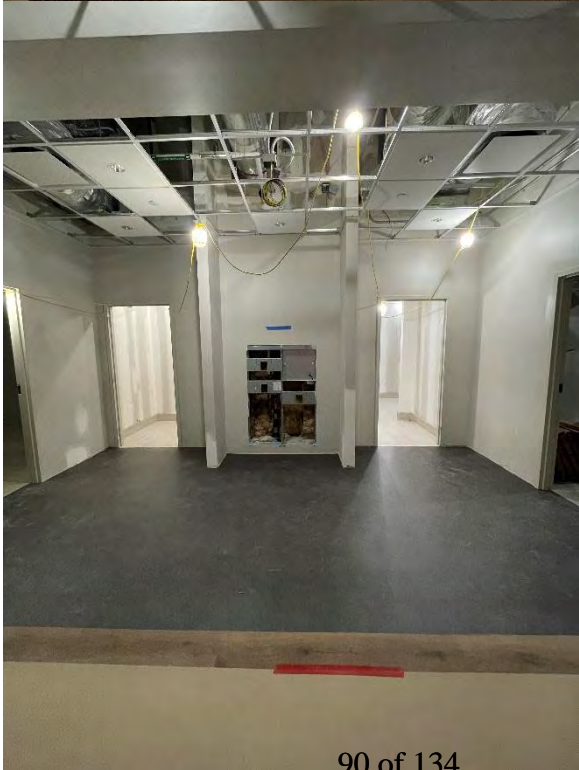
Equipment Usage

- Scissor lifts/manlifts/excavator/skidsteer/lull

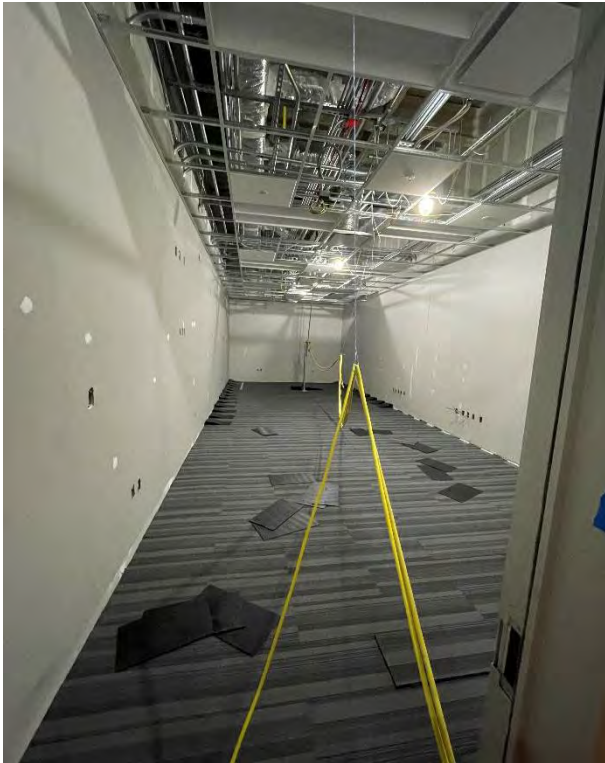
911/PPP Photos



911/PPP Photos



911/PPP Photos



VR-DJJ Photos



Photos



VR-DJJ Photos



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Richland County Safety Complex																			
911 CALL CENTER																			
A1390	Overall Demo & New Construction	467	186	05-01-23 A	05-28-25														
A3700	Temporary Conditioned Space (Rental Units)	5	0	03-04-24 A	03-08-24 A														
A1400	Permanent Power	0	0		03-10-25														
A1410	HVAC Startup	0	0		03-31-25														
A1420	MBK Functional Testing	20	20	04-23-25	05-20-25														
A1430	Substantial Completion - 911CC / PPP	0	0		05-28-25*														
A1440	Final Completion	0	0		07-14-25*														
PRECONSTRUCTION																			
A1000	Permitting	15	0	04-19-23 A	06-12-23 A														
A1030	Construction Documents Issued	0	0		04-19-23 A														
A1040	Review Drawings/Create ITB/Bid List	3	0	04-19-23 A	04-21-23 A														
A1050	Review Drawings with Ross & Bill	1	0	04-24-23 A	04-24-23 A														
A1060	Issue Drawings/ITB	1	0	04-25-23 A	04-25-23 A														
A1070	Sub Review Drawings/Submit RFI's	10	0	04-26-23 A	05-17-23 A														
A1080	A/E Team Answer RFI's	10	0	05-17-23 A	06-05-23 A														
A3480	Sub Bidding	23	0	05-22-23 A	06-22-23 A														
A3240	Bid Day	0	0		06-22-23 A														
A3250	Review Bids/Bid Scope Sheets	5	0	06-23-23 A	06-29-23 A														
A3310	Review GMP	2	0	06-30-23 A	07-05-23 A														
A3320	Present GMP	1	0	07-12-23 A	07-12-23 A														
A3330	RC Review/Sign	1	0	07-13-23 A	07-13-23 A														
A1020	Subcontracts	5	0	07-14-23 A	07-20-23 A														
OWNER ITEMS																			
A1450	Owner Supplied IT & Consoles	219	32	08-01-23 A	10-10-24														
PROCUREMENT																			
STRUCTURE																			
CONCRETE & REBAR																			
A4250	Submittals-Concrete & Rebar	21	0	07-21-23 A	08-18-23 A														
A4260	Review & Approve-Concrete & Rebar	15	0	08-18-23 A	09-12-23 A														
A4270	Release, Fab, & Deliver-Concrete & Rebar	15	0	09-13-23 A	09-19-23 A														
STRUCTURAL STEEL																			
A4280	Submittals-Structural Steel	12	0	07-21-23 A	08-07-23 A														
A4290	Review & Approve-Structural Steel	15	0	08-07-23 A	09-12-23 A														
A4300	Release, Fab, & Deliver-Structural Steel	52	0	09-13-23 A	10-24-23 A														
ENVELOPE																			
ROOFING																			
A1090	Submittals-Roofing	24	0	07-21-23 A	08-23-23 A														
A1100	Review & Approve-Roofing	15	0	08-23-23 A	09-19-23 A														
A1110	Release, Fab, & Deliver-Roofing (8W)	35	0	09-20-23 A	10-13-23 A														
FINISHES																			
CASEWORK																			
A1120	Submittals-Casework	26	0	07-21-23 A	11-28-23 A														
A1130	Review & Approve-Casework	15	0	11-28-23 A	12-18-23 A														
A1140	Release, Fab, & Deliver-Casework	30	0	12-19-23 A	04-10-24 A														
HM FRAMES																			
A1150	Submittals-HM Frames	27	0	07-21-23 A	10-02-23 A														
A1160	Review & Approve-HM Frames	15	0	10-05-23 A	10-24-23 A														

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
■ Critical Remaining Work

Richland County Safety Complex
 M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 1 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025														
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
A1170	Release, Fab, & Deliver–HM Frames (8W)	40	0	10-24-23 A	11-09-23 A															
MEP																				
CHILLERS																				
A1180	Submittals–Chillers	20	0	07-21-23 A	08-17-23 A															
A1190	Review & Approve–Chillers	15	0	08-18-23 A	09-12-23 A															
A1200	Release, Fab, & Deliver–Chillers (50W)	220	31	09-12-23 A	10-09-24															
AHU'S																				
A1210	Submittals–AHU's	20	0	07-21-23 A	08-01-23 A															
A1220	Review & Approve–AHU's	15	0	09-01-23 A	11-07-23 A															
A1230	Release, Fab, & Deliver–AHU's (54W)	265	0	11-08-23 A	08-12-24 A															
VFD'S																				
A1240	Submittals–VFD's	20	0	07-21-23 A	08-17-23 A															
A1250	Review & Approve–VFD's	15	0	08-18-23 A	09-08-23 A															
A1260	Release, Fab, & Deliver–VFD's (8W)	40	0	09-11-23 A	01-29-24 A															
SWITCHGEAR																				
A1270	Submittals–Switchgear	23	0	07-21-23 A	08-22-23 A															
A1280	Review & Approve–Switchgear	15	0	08-22-23 A	09-08-23 A															
A1290	Release, Fab, & Deliver–Switchgear (70W)	330	90	09-11-23 A	01-13-25															
MISC ELECT GEAR																				
A4160	Submittals–Misc Elect Gear	23	0	07-21-23 A	08-22-23 A															
A4170	Review & Approve–Misc Elect Gear	15	0	08-22-23 A	09-08-23 A															
A4180	Release, Fab, & Deliver–Misc Elect Gear (70W)	330	90	09-11-23 A	01-13-25															
ATS																				
A4190	Submittals–ATS	25	0	07-21-23 A	10-18-23 A															
A4200	Review & Approve–ATS	15	0	10-19-23 A	12-15-23 A															
A4210	Release, Fab, & Deliver–ATS (52W)	240	53	12-18-23 A	11-08-24															
LIGHT FIXTURES																				
A1300	Submittals–Light Fixtures	17	0	07-21-23 A	08-14-23 A															
A1310	Review & Approve–Light Fixtures	15	0	09-29-23 A	12-15-23 A															
A1320	Release, Fab, & Deliver–Light Fixtures	100	0	12-18-23 A	05-20-24 A															
GENERATOR																				
A1330	Submittals–Generator	25	0	07-21-23 A	09-11-23 A															
A1340	Review & Approve–Generator	15	0	09-11-23 A	09-20-23 A															
A1350	Release, Fab, & Deliver–Permanent Generator (69W)	325	56	09-21-23 A	11-13-24															
TRANSFORMERS																				
A1360	Submittals–Transformers	23	0	07-21-23 A	08-22-23 A															
A1370	Review & Approve–Transformers	28	0	08-22-23 A	09-29-23 A															
A1380	Release, Fab, & Deliver–Transformers (52W)	260	35	10-02-23 A	10-15-24															
CONSTRUCTION																				
EXTERIOR																				
ROOF																				
A4390	Install Blocking for Roof Coping	10	0	03-25-24 A	04-05-24 A															
A4392	Install Roof Coping	10	0	04-08-24 A	05-24-24 A															
A4398	Set Chiller C-3	1	0	04-15-24 A	04-15-24 A															
A4400	Chiller Piping Connections to C-3	2	0	06-12-24 A	06-13-24 A															
A4402	Test Chiller Piping Connections to C-3	5	5	10-31-24	11-06-24															
A4404	Heat Trace at Chiller Piping to C-3	2	2	11-07-24	11-08-24															
A4406	Insulate Chiller Piping to C-3	2	2	11-11-24	11-12-24															
SKIN																				

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
■ Critical Remaining Work

Richland County Safety Complex

95 of 134
M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 2 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A4150	Install New Roof @ Skin	35	0	12-18-23 A	05-03-24 A														
A4230	Build Out Penthouse	40	40	10-10-24	12-06-24														
SERVICE YARD																			
A1530	Prep/Pour Wall Foundations @ Service Yard	7	0	10-09-23 A	10-11-23 A														
A4396	Wall Coping @ Service Yard	10	0	10-18-23 A	10-31-23 A														
A1520	Install Underground Electrical @ Service Yard	5	0	11-28-23 A	12-04-23 A														
A1560	Prep/Pour Generator Pads @ Service Yard	5	0	04-11-24 A	04-17-24 A														
A1540	Install Walls @ Service Yard	10	0	04-29-24 A	05-13-24 A														
A4446	Prep/Pour Chiller Pads @ Service Yard	5	0	05-17-24 A	05-23-24 A														
A1570	Install Chillers @ Service Yard	3	3	10-10-24	10-14-24														
A1510	Install Weld Pipe @ Service Yard	12	12	10-15-24	10-30-24														
A1590	Set & Install Transformer @ Service Yard	5	5	10-16-24	10-22-24														
A1600	Pull/Terminate Primary Wire @ Service Yard	5	5	10-23-24	10-29-24														
A1550	Test & Insulate Welded Pipe @ Service Yard	5	5	10-31-24	11-06-24														
A1580	Install Generator @ Service Yard	3	3	11-14-24	11-18-24														
A2290	Pull/Terminate Generator Wire @ Service Yard	10	10	11-19-24	12-04-24														
A1610	Test Generator	5	5	12-05-24	12-11-24														
SITE																			
A4310	Site Demolition (Curb/Sidewalk/Asphalt)	5	0	09-05-23 A	09-20-23 A														
A4436	Install Storm Drain - Upper Level	7	0	01-02-24 A	01-12-24 A														
A4426	Install Water/Fire Line & Vaults - Upper Level	10	0	02-12-24 A	02-24-24 A														
A4416	Sanitary Sewer Tap/Fees Paid - Lower Level	1	0	07-15-24 A	07-15-24 A														
A4240	Site Improvements (Paving, Fencing)	30	30	10-04-24*	11-14-24														
INTERIOR																			
Demolition																			
A1470	Demo @ 1st Floor	15	0	05-01-23 A	08-28-23 A														
A2240	Demo @ 2nd Floor	24	0	05-01-23 A	06-02-23 A														
A1460	MEP Safeoff @ 1st Floor	5	0	05-03-23 A	05-09-23 A														
A2230	MEP Safeoff @ 2nd Floor	5	0	05-03-23 A	05-09-23 A														
A1480	Slab Removal-Foundations @ 1st Floor	9	0	05-22-23 A	06-02-23 A														
A3490	MEP Trench Concrete Demo	5	0	08-22-23 A	08-28-23 A														
A1490	Below Slab MEP @ 1st Floor	25	0	09-05-23 A	10-02-23 A														
A3710	Site Demolition (Sidewalks/Curbs/Asphalt)	5	0	09-23-23 A	09-23-23 A														
A2260	Below Slab MEP Inspections @ 1st Floor	3	0	10-03-23 A	10-05-23 A														
STRUCTURE																			
A1860	FRP Foundations @ 1st Floor	8	0	09-25-23 A	10-13-23 A														
A2270	Install Cross Bracing @ 1st Floor	4	0	10-05-23 A	10-10-23 A														
A2250	Backfill Foundations @ 1st Floor	5	0	10-06-23 A	10-12-23 A														
A1500	Pour Back Trenches @ 1st Floor	7	0	10-12-23 A	10-20-23 A														
A2140	Install Columns & Cross Bracing @ 1st Floor	6	0	10-23-23 A	11-10-23 A														
A2130	Install CMU Stem Walls @ 1st Floor	3	0	11-06-23 A	11-28-23 A														
A3460	Install Shear Wall CMU @ 1st Floor	16	0	11-06-23 A	11-28-23 A														
A2150	Structural Inspections @ 1st Floor	2	0	11-10-23 A	11-13-23 A														
A2280	Install Cross Bracing & Roof Bridging @ 2nd Floor	15	0	11-10-23 A	01-24-24 A														
A3590	Install Stair 1	5	0	04-22-24 A	04-26-24 A														
A3570	Install Stair 2	10	0	07-08-24 A	07-12-24 A														
A3500	Install Stair 3	10	10	09-18-24*	10-01-24														
A3670	Install Stair 4 Handrails	5	5	10-02-24	10-08-24														
A3680	Install Stair 5	15	15	01-16-25	02-05-25														
911 CALL CENTER																			

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
■ Critical Remaining Work

Richland County Safety Complex
 86 of 134
M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 3 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FRAMING & ROUGH IN																			
A1620	Install Mechanical Clips @ 911 CC	8	0	10-16-23 A	10-25-23 A														
A1630	Install Electrical Clips @ 911 CC	8	0	10-17-23 A	10-26-23 A														
A1640	Install Plumbing Clips @ 911 CC	8	0	10-19-23 A	10-27-23 A														
A1670	Install OH Mechanical Rough In @ 911 CC	20	0	10-23-23 A	11-17-23 A														
A1680	Install OH Electrical Rough In @ 911 CC	20	0	10-23-23 A	11-17-23 A														
A1690	Install OH Plumbing Rough In @ 911 CC	20	0	10-23-23 A	11-17-23 A														
A1710	Frame Walls & Door Frames @ 911 CC	25	0	10-26-23 A	01-22-24 A														
A1660	Install Spray Fireproofing on Beams (UL D916)@ 911	10	0	10-30-23 A	11-10-23 A														
A1730	Install Inwall Electrical Rough In @ 911 CC	20	0	11-20-23 A	01-15-24 A														
A1740	Install Inwall Plumbing Rough In @ 911 CC	20	0	12-11-23 A	01-17-24 A														
A1650	Install Fire Protection Clips @ 911 CC	8	0	12-18-23 A	12-22-23 A														
A1700	Install OH Fire Protection Rough In @ 911 CC	20	0	12-18-23 A	02-05-24 A														
A1750	Inwall MEPF Inspections @ 911 CC	5	0	01-18-24 A	01-31-24 A														
A1760	H/T/F Drywall @ 911 CC	25	0	03-04-24 A	04-25-24 A														
A1790	Install Ceiling & Soffit Framing @911 CC	10	0	03-18-24 A	03-29-24 A														
A1770	Prime/1st Coat Walls @ 911 CC	20	0	03-27-24 A	04-29-24 A														
A1840	Above Ceiling Inspections - Hard Lid/Soffits @ 911 CC	5	0	04-03-24 A	05-10-24 A														
A1870	Install Ceiling Grid @ 911 CC	8	0	04-03-24 A	04-30-24 A														
A1810	Install Ceiling & Soffit Electrical Rough In @911 CC	5	0	04-08-24 A	04-24-24 A														
A1820	Install Ceiling & Soffit Plumbing Rough In @911 CC	5	0	04-08-24 A	04-12-24 A														
A1830	Install Ceiling & Soffit Fire Protection Rough In @911	5	0	04-08-24 A	04-12-24 A														
A1900	Install In Grid Plumbing Rough In @ 911 CC	15	0	04-08-24 A	05-02-24 A														
A1800	Install Ceiling & Soffit Mechanical Rough In @911 CC	5	0	04-08-24 A	04-12-24 A														
A1880	Install In Grid Mechanical Rough In @ 911 CC	15	0	04-19-24 A	05-03-24 A														
A1910	Install In Grid Fire Protection Rough In @ 911 CC	15	0	04-19-24 A	05-03-24 A														
A1890	Install In Grid Electrical Rough In @ 911 CC	15	0	04-22-24 A	08-09-24 A	■													
A1850	H/T/F Drywall ceilings @ 911 CC	7	0	05-13-24 A	06-20-24 A														
A2220	In Grid Inspections @ 911 CC	5	5	08-30-24	09-06-24		■												
ELECTRICAL ROOMS (151,152,154)																			
A3580	Frame Walls @ Elect Rms (151,152,154)	3	0	11-01-23 A	11-03-23 A														
A3600	Install Inwall MEP @ Elect Rms (151,152,154)	5	0	11-20-23 A	12-01-23 A														
A3610	H/T/F One Side @ Elect Rms (151,152,154)	5	0	01-15-24 A	01-19-24 A														
A3620	Prime/1st Coat Walls @ Elect Rms (151,152,154)	2	0	04-01-24 A	04-18-24 A														
A3630	FRP Eq Pads @ Elect Rms (151,152,154)	5	0	05-16-24 A	05-17-24 A														
A3640	Set Panels/Gear @ Elect Rms (151,152,154)	5	5	01-14-25	01-20-25						■								
A3650	Pull/Terminate Feeders @ Elect Rms (151,152,154)	5	5	01-21-25	01-27-25						■								
A3660	Buildout Panels @ Elect Rms (151,152,154)	30	30	01-28-25	03-10-25						■	■	■	■	■	■	■	■	
MECHANICAL ROOMS (148,171)																			
A3910	Frame Walls @ Mech Rm (148,171)	3	0	10-30-23 A	11-01-23 A														
A3920	Install Inwall MEP @ Mech Rm (148,171)	5	0	11-13-23 A	11-17-23 A														
A3930	H/T/F One Side @ Mech Rm (148,171)	5	0	02-05-24 A	02-09-24 A														
A3940	Prime/1st Coat Walls @ Mech Rm (148,171)	2	0	04-01-24 A	04-12-24 A														
A3950	FRP Eq Pads @ Mech Rm (148,171)	5	0	05-16-24 A	05-17-24 A														
A3960	Set AHU's @ Mech Rm (148,171)	3	0	08-13-24 A	08-14-24 A	■													
A3970	Install VFD's @ Mech Rm (148,171)	5	5	09-09-24*	09-13-24		■												
A3980	Buildout Room @ Mech Rm (148,171)	30	30	09-26-24	11-06-24			■	■	■	■	■	■	■	■	■	■	■	
FINISHES																			
A2010	Install Flooring @ 911 CC	10	9	07-01-24 A	10-01-24	■	■												
A1930	Install Trade / Cut Ceiling Tile @ 911 CC	12	0	07-08-24 A	07-30-24 A														
A1970	Install MEPF Ceiling Trim Out @ 911 CC	5	0	07-10-24 A	07-12-24 A														

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
■ Critical Remaining Work

Richland County Safety Complex
 87 of 134
M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 4 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A1980	Install Ceramic Tile @ 911 CC	8	6	07-15-24 A	09-04-24	█	█												
A1990	Install Millwork @ 911 CC	5	5	09-05-24	09-11-24		█												
A2000	Install Plumbing/Electrical in Millwork @ 911 CC	5	5	09-12-24	09-18-24		█												
A2050	Install Plumbing Fixtures @ 911 CC	5	5	10-02-24	10-08-24			█											
A1920	Energize Permenant Power @ 911 CC	5	5	03-04-25	03-10-25							█							
A1780	HVAC Startup / Conditioned Air @ 911 CC	5	5	04-01-25	04-07-25								█						
A1940	Device/Trim Out AV @ 911 CC	10	10	04-08-25	04-21-25								█	█					
A1950	Device/Trim Out Access Control @ 911 CC	10	10	04-08-25	04-21-25								█	█					
A1960	Device/Trim Out Telecom Rm @ 911 CC	10	10	04-08-25	04-21-25								█	█					
A2070	Install Doors & Hardware @ 911 CC	5	5	04-08-25	04-14-25								█						
A4456	Install Full Ceiling Tile @ 911 CC	12	12	04-08-25	04-23-25								█	█					
A2060	Final Paint @ 911 CC	8	8	04-24-25	05-05-25									█	█				
A2020	Install Window Treatments @ 911 CC	5	5	05-06-25	05-12-25										█				
A2030	Install Signage @ 911 CC	3	3	05-06-25	05-08-25										█				
A2040	Install Specialties @ 911 CC	5	5	05-06-25	05-12-25										█				
COMMISSIONING																			
A2160	Subcontractor Complete Prefunctional Testing @ 911	10	10	04-01-25	04-14-25								█	█					
A2170	Submit Prefunction Checklist @ 911 CC	5	5	04-15-25	04-21-25									█					
A2180	Test & Balance @ 911 CC	15	15	04-22-25	05-12-25									█	█				
A2190	CX Agent Start Functional Testing @ 911 CC	5	5	05-13-25	05-19-25										█				
A2200	Subcontractors Complete Deficient Log Items @ 911	3	3	05-20-25	05-22-25										█				
A2210	Final CX Testing @ 911 CC	2	2	05-23-25	05-27-25										█				
FINAL INSPECTIONS, CLEAN, PUNCH																			
A2080	Construction Clean @ 911 CC	3	3	04-30-25	05-02-25										█				
A2090	Subcontractor Punchlist @ 911 CC	2	2	05-05-25	05-06-25										█				
A2100	MBK Punchlist @ 911 CC	2	2	05-07-25	05-08-25										█				
A2110	Sub/MBK Complete & Verify Punchlist @ 911 CC	5	5	05-09-25	05-15-25										█				
A2120	Pre-Final Clean @ 911 CC	3	3	05-16-25	05-20-25										█				
RADIO SERVER RM (302) PENTHOUSE																			
A4356	Frame Walls RSR (302)	2	0	04-19-24 A	04-22-24 A														
A4358	Install Inwall Electrical RSR (302)	7	0	05-20-24 A	05-24-24 A														
A4372	Install Roof Access Ships Ladder RSR (302)	2	0	06-05-24 A	06-06-24 A														
A4366	Set & Rough-In Panels/Gear RSR (302)	3	0	07-02-24 A	07-12-24 A														
A4360	H/T/F Drywall RSR (302)	5	0	07-22-24 A	07-26-24 A														
A4368	Pull/Terminate Feeders RSR (302)	10	10	09-09-24*	09-20-24		█												
A4370	Buildout Panels RSR (302)	20	20	09-23-24	10-18-24		█	█											
A4362	Prime/1st Coat Walls RSR (302)	2	2	10-21-24	10-22-24														
A4374	Install ACT Ceilings RSR (302)	10	10	10-23-24	11-05-24			█											
A4376	Finish Paint RSR (302)	3	3	11-06-24	11-08-24														
BREAK/REST/LOCKER ROOM AREA																			
FRAMING & ROUGH IN																			
A2550	Install Mechanical Clips @ Common Areas	4	0	10-16-23 A	10-19-23 A														
A2560	Install Electrical Clips @ Common Areas	4	0	10-17-23 A	10-20-23 A														
A2570	Install Plumbing Clips @ Common Areas	4	0	10-19-23 A	10-24-23 A														
A2610	Install OH Electrical Rough In @ Common Areas	12	0	10-23-23 A	11-07-23 A														
A2640	Frame Walls & Door Frames @ Common Areas	10	0	10-27-23 A	11-09-23 A														
A2590	Install Spray Fireproofing on Beams (UL D@ Commor	5	0	11-01-23 A	11-02-23 A														
A2600	Install OH Mechanical Rough In @ Common Areas	12	0	11-06-23 A	11-21-23 A														
A2620	Install OH Plumbing Rough In @ Common Areas	12	0	11-06-23 A	11-21-23 A														
A2670	Install Inwall Plumbing Rough In @ Common Areas	15	0	11-14-23 A	01-31-24 A														
A2660	Install Inwall Electrical Rough In @ Common Areas	15	0	12-18-23 A	01-15-24 A														

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

█ Actual Work ◆ Milestone
█ Remaining Work
█ Critical Remaining Work

Richland County Safety Complex
 08 of 134
M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 5 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025														
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
A2580	Install Fire Protection Clips @ Common Areas	4	0	01-08-24 A	01-11-24 A															
A2630	Install OH Fire Protection Rough In @ Common Areas	12	0	01-12-24 A	01-22-24 A															
A2680	Inwall MEPF Inspections @ Common Areas	5	0	02-01-24 A	02-07-24 A															
A2690	H/T/F Drywall @ Common Areas	15	0	02-08-24 A	04-23-24 A															
A2700	Prime/1st Coat Walls @ Common Areas	5	0	04-01-24 A	04-24-24 A															
A2710	Install Ceiling & Soffit Framing @Common Areas	10	0	04-01-24 A	04-12-24 A															
A2780	Install Ceiling Grid @ Common Areas	5	0	04-18-24 A	04-25-24 A															
A2720	Install Ceiling & Soffit Mechanical Rough In @Common	5	0	04-25-24 A	05-01-24 A															
A2730	Install Ceiling & Soffit Electrical Rough In @Common	5	0	04-25-24 A	05-01-24 A															
A2740	Install Ceiling & Soffit Plumbing Rough In @Common	5	0	04-25-24 A	05-01-24 A															
A2750	Install Ceiling & Soffit Fire Protection Rough In @Corr	5	0	04-25-24 A	05-01-24 A															
A2790	Install In Grid Mechanical Rough In @ Common Area	10	0	04-26-24 A	05-09-24 A															
A2810	Install In Grid Plumbing Rough In @ Common Areas	10	0	04-26-24 A	05-09-24 A															
A2820	Install In Grid Fire Protection Rough In @ Common A	10	0	04-26-24 A	05-09-24 A															
A2800	Install In Grid Electrical Rough In @ Common Areas	10	0	05-02-24 A	06-14-24 A															
A2760	Above Ceiling Inspections - Hard Lid/Soffits @ Comm	5	0	05-10-24 A	05-10-24 A															
A2770	H/T/F Drywall ceilings @ Common Areas	7	0	05-13-24 A	05-24-24 A															
A2830	In Grid Inspections @ Common Areas	5	5	09-09-24	09-13-24															
FINISHES																				
A3030	Install Trade / Cut Ceiling Tile @ Common Areas	7	0	07-08-24 A	07-26-24 A															
A3070	Install MEPF Ceiling Trim Out @ Common Areas	5	0	07-10-24 A	08-13-24 A															
A3080	Install Ceramic Tile @ Common Areas	15	0	07-15-24 A	08-07-24 A															
A3110	Install Flooring @ Common Areas	5	0	07-22-24 A	08-16-24 A															
A3090	Install Millwork @ Common Areas	7	7	09-10-24	09-18-24															
A3100	Install Plumbing/Electrical in Millwork @ Common Are	10	10	09-19-24	10-02-24															
A3150	Install Plumbing Fixtures @ Common Areas	5	5	10-03-24	10-09-24															
A3020	Energize Permanent Power @ Common Areas	5	5	03-04-25	03-10-25															
A3010	HVAC Startup / Conditioned Air @ Common Areas	5	5	04-01-25	04-07-25															
A3040	Device/Trim Out AV @ Common Areas	5	5	04-08-25	04-14-25															
A3050	Device/Trim Out Access Control @ Common Areas	5	5	04-08-25	04-14-25															
A3060	Device/Trim Out Telecom Rm @ Common Areas	5	5	04-08-25	04-14-25															
A4466	Install Full Ceiling Tile @ Common Areas	7	7	04-08-25	04-16-25															
A3160	Final Paint @ Common Areas	5	5	04-15-25	04-21-25															
A3170	Install Doors & Hardware @ Common Areas	3	3	04-15-25	04-17-25															
A3120	Install Window Treatments @ Common Areas	3	3	04-22-25	04-24-25															
A3130	Install Signage @ Common Areas	2	2	04-22-25	04-23-25															
A3140	Install Specialties @ Common Areas	5	5	04-22-25	04-28-25															
FINAL INSPECTIONS, CLEAN, PUNCH																				
A3260	Construction Clean @ Common Areas	3	3	04-18-25	04-22-25															
A3270	Subcontractor Punchlist @ Common Areas	2	2	04-23-25	04-24-25															
A3280	MBK Punchlist @ Common Areas	5	5	04-25-25	05-01-25															
A3290	Sub/MBK Complete & Verify Punchlist @ Common Ar	5	5	05-02-25	05-08-25															
A3300	Pre-Final Clean @ Common Areas	3	3	05-09-25	05-13-25															
COMMISSIONING																				
A3400	Subcontractor Complete Prefunctional Testing @ Con	10	10	04-01-25	04-14-25															
A3410	Submit Prefunction Checklist @ Common Areas	5	5	04-15-25	04-21-25															
A3420	Test & Balance @ Common Areas	15	15	04-22-25	05-12-25															
A3430	CX Agent Start Functional Testing @ Common Areas	5	5	05-13-25	05-19-25															
A3440	Subcontractors Complete Deficient Log Items @ Corr	3	3	05-20-25	05-22-25															
A3450	Final CX Testing @ Common Areas	2	2	05-23-25	05-27-25															
PPP SPACE																				

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
■ Critical Remaining Work

Richland County Safety Complex
 M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 6 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FRAMING & ROUGH IN																			
A2320	Install OH Electrical Rough In @ PPP	10	0	10-24-23 A	11-06-23 A														
A3230	Place Divider Wall @ PPP	12	0	11-09-23 A	11-13-23 A														
A2310	Install OH Mechanical Rough In @ PPP	10	0	11-13-23 A	11-28-23 A														
A2330	Install OH Plumbing Rough In @ PPP	10	0	11-13-23 A	11-28-23 A														
A2350	Frame Walls & Door Frames @ PPP	8	0	11-20-23 A	12-20-23 A														
A2340	Install OH Fire Protection Rough In @ PPP	10	0	12-12-23 A	12-22-23 A														
A2370	Install Inwall Electrical Rough In @ PPP	10	0	12-18-23 A	01-03-24 A														
A2380	Install Inwall Plumbing Rough In @ PPP	10	0	12-18-23 A	01-31-24 A														
A2390	Inwall MEPF Inspections @ PPP	3	0	02-01-24 A	02-05-24 A														
A2400	H/T/F Drywall @ PPP	10	0	02-06-24 A	02-19-24 A														
A2410	Prime/1st Coat Walls @ PPP	5	0	04-01-24 A	04-22-24 A														
A2420	Install Ceiling & Soffit Framing @PPP	5	0	04-15-24 A	04-18-24 A														
A2430	Install Ceiling & Soffit Mechanical Rough In @PPP	5	0	04-23-24 A	04-29-24 A														
A2440	Install Ceiling & Soffit Electrical Rough In @PPP	5	0	04-23-24 A	04-29-24 A														
A2450	Install Ceiling & Soffit Plumbing Rough In @PPP	5	0	04-23-24 A	04-29-24 A														
A2460	Install Ceiling & Soffit Fire Protection Rough In @PPP	5	0	04-23-24 A	04-29-24 A														
A2490	Install Ceiling Grid @ PPP	5	0	04-29-24 A	05-03-24 A														
A2500	Install In Grid Mechanical Rough In @ PPP	10	0	05-06-24 A	05-10-24 A														
A2510	Install In Grid Electrical Rough In @ PPP	10	0	05-06-24 A	05-10-24 A														
A2520	Install In Grid Plumbing Rough In @ PPP	10	0	05-06-24 A	05-10-24 A														
A2530	Install In Grid Fire Protection Rough In @ PPP	10	0	05-06-24 A	05-10-24 A														
A2470	Above Ceiling Inspections - Hard Lid/Soffits @ PPP	5	0	05-10-24 A	05-10-24 A														
A2480	H/T/F Drywall ceilings @ PPP	5	0	05-13-24 A	05-24-24 A														
A2540	In Grid Inspections @ PPP	3	3	08-27-24	08-29-24														
ELECTRICAL RM (222)																			
A4070	Frame Walls @ Elect Rm (222)	2	0	11-20-23 A	11-21-23 A														
A4080	Install Inwall MEP @ Elect Rm (222)	3	0	01-03-24 A	01-15-24 A														
A4090	H/T/F One Side @ Elect Rm (222)	5	0	01-16-24 A	01-22-24 A														
A4100	Prime/1st Coat Walls @ Elect Rm (222)	2	0	04-04-24 A	04-05-24 A														
A4110	FRP Eq Pads @ Elect Rm (222)	5	0	05-16-24 A	05-17-24 A														
A4120	Set Panels/Gear @ Elect Rm (222)	3	0	07-19-24 A	07-23-24 A														
A4130	Pull/Terminate Feeders @ Elect Rm (222)	10	10	08-12-24 A	09-10-24														
A4140	Buildout Panels @ Elect Rm (222)	20	20	08-12-24 A	09-24-24														
MECHANICAL RM (223)																			
A3990	Frame Walls @ Mech Rm (223)	2	0	11-20-23 A	11-21-23 A														
A4000	Install Inwall MEP @ Mech Rm (223)	3	0	01-03-24 A	01-22-24 A														
A4010	H/T/F One Side @ Mech Rm (223)	5	0	01-22-24 A	01-24-24 A														
A4020	Prime/1st Coat Walls @ Mech Rm (223)	2	0	04-04-24 A	04-05-24 A														
A4030	FRP Eq Pads @ Mech Rm (223)	5	0	05-16-24 A	05-17-24 A														
A4060	Buildout Room @ Mech Rm (223)	30	25	08-19-24 A	10-01-24														
FINISHES																			
A2860	Install Trade / Cut Ceiling Tile @ PPP	5	0	06-26-24 A	07-25-24 A														
A2940	Install Flooring @ PPP	5	0	07-01-24 A	07-19-24 A														
A2900	Install MEPF Ceiling Trim Out @ PPP	5	0	07-03-24 A	08-09-24 A														
A2910	Install Ceramic Tile @ PPP	5	0	08-05-24 A	08-09-24 A														
A2920	Install Millwork @ PPP	3	3	09-05-24	09-09-24														
A2930	Install Plumbing/Electrical in Millwork @ PPP	5	5	09-10-24	09-16-24														
A2980	Install Plumbing Fixtures @ PPP	5	5	09-17-24	09-23-24														
A2850	Energize Pemanant Power @ PPP	5	5	03-04-25	03-10-25														
A2840	HVAC Startup / Conditioned Air @ PPP	5	5	04-01-25	04-07-25														

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
■ Critical Remaining Work

Richland County Safety Complex
 180 of 134
M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 7 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025															
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
A2870	Device/Trim Out AV @ PPP	5	5	04-08-25	04-14-25																
A2880	Device/Trim Out Access Control @ PPP	5	5	04-08-25	04-14-25																
A2890	Device/Trim Out Telecom Rm @ PPP	5	5	04-08-25	04-14-25																
A4476	Install Full Ceiling Tile @ PPP	5	5	04-08-25	04-14-25																
A2990	Final Paint @ PPP	5	5	04-15-25	04-21-25																
A3000	Install Doors & Hardware @ PPP	3	3	04-18-25	04-22-25																
A2950	Install Window Treatments @ PPP	2	2	04-22-25	04-23-25																
A2960	Install Signage @ PPP	2	2	04-22-25	04-23-25																
A2970	Install Specialties @ PPP	5	5	04-22-25	04-28-25																
FINAL INSPECTIONS, CLEAN, PUNCH																					
A3180	Construction Clean @ PPP	3	3	04-23-25	04-25-25																
A3190	Subcontractor Punchlist @ PPP	2	2	04-28-25	04-29-25																
A3200	MBK Punchlist @ PPP	5	5	04-30-25	05-06-25																
A3210	Sub/MBK Complete & Verify Punchlist @ PPP	5	5	05-07-25	05-13-25																
A3220	Pre-Final Clean @ PPP	3	3	05-14-25	05-16-25																
COMMISSIONING																					
A3340	Subcontractor Complete Prefunctional Testing @ PPF	20	20	04-01-25	04-28-25																
A3350	Submit Prefunction Checklist @ PPP	5	5	04-29-25	05-05-25																
A3360	Test & Balance @ PPP	5	5	05-06-25	05-12-25																
A3370	CX Agent Start Functional Testing @ PPP	5	5	05-13-25	05-19-25																
A3380	Subcontractors Complete Deficient Log Items @ PPP	3	3	05-20-25	05-22-25																
A3390	Final CX Testing @ PPP	2	2	05-23-25	05-27-25																
INSPECTIONS,PUNCH,CLOSEOUT																					
A3510	A/E & Owner Generate Punchlist - 911 CC	5	5	05-21-25	05-28-25																
A3540	TCO Inspections	5	5	05-21-25	05-28-25																
A3520	Subcontractor Complete A/E/O Punchlist - 911 CC	27	27	05-29-25	07-07-25																
A3530	Final Clean - 911 CC	5	5	07-08-25	07-14-25																
A3550	Final Punch Inspections	5	5	07-08-25	07-14-25																
A3560	Closeout	25	25	07-15-25	08-18-25																
VR / DJJ BUSINESS - UPPER FLOOR																					
VR / DJJ BUSINESS																					
UL1390	Overall Demo & New Construction - VR / DJJ	336	227	02-19-24 A	07-25-25																
UL1400	Permenant Power - VR / DJJ	0	0		03-10-25																
UL1410	HVAC Startup Begins - VR / DJJ	0	0		03-31-25																
UL1420	MBK Functional Testing - VR / DJJ	25	25	05-07-25	06-11-25																
UL1430	Substantial Completion - VR / DJJ	0	0		07-25-25*																
UL1440	Final Completion - VR / DJJ	0	0		09-24-25*																
PRECONSTRUCTION																					
UL1030	Construction Documents Issued - VR / DJJ	0	0		02-08-24 A																
UL2300	Take-off/Drawing Review - VR / DJJ	25	0	02-12-24 A	02-23-24 A																
UL3480	Sub Bidding - VR / DJJ	25	0	02-12-24 A	02-23-24 A																
UL1000	Permitting - VR / DJJ	15	0	02-12-24 A	03-04-24 A																
UL1060	Issue Drawings/ITB - VR / DJJ	1	0	02-12-24 A	02-12-24 A																
UL1070	Sub Review Drawings/Submit RFI's - VR / DJJ	10	0	02-12-24 A	03-01-24 A																
UL1080	A/E Team Answer RFI's - VR / DJJ	10	0	02-19-24 A	02-23-24 A																
UL3250	Review Bids/Bid Scope Sheets - VR / DJJ	5	0	02-26-24 A	03-05-24 A																
UL3240	Bid Day - VR / DJJ	0	0		02-26-24 A																
UL3310	Review GMP - VR / DJJ	6	0	03-06-24 A	03-13-24 A																
UL3320	Present GMP - VR / DJJ	1	0	03-14-24 A	03-14-24 A																
UL3330	RC Review/Sign - VR / DJJ	5	0	03-15-24 A	03-28-24 A																

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

 Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone

Richland County Safety Complex
 M.B. KAHN Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 8 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
UL1020	Issue Sub Change Orders - VR / DJJ	6	0	03-22-24 A	03-29-24 A														
PROCUREMENT																			
STRUCTURAL STEEL																			
UL4280	Submittals-Structural Steel	15	0	04-01-24 A	05-06-24 A														
UL4290	Review & Approve-Structural Steel	15	0	05-06-24 A	05-30-24 A														
UL4300	Release, Fab, & Deliver-Structural Steel	30	0	05-30-24 A	07-16-24 A														
FINISHES																			
CASEWORK																			
UL1120	Submittals-Casework	20	0	04-11-24 A	05-09-24 A														
UL1130	Review & Approve-Casework	10	0	05-10-24 A	06-27-24 A														
UL1140	Release, Fab, & Deliver-Casework	30	4	06-28-24 A	08-30-24	■													
HM FRAMES																			
UL1150	Submittals-HM Frames	20	0	04-01-24 A	05-03-24 A														
UL1160	Review & Approve-HM Frames	10	0	05-06-24 A	05-16-24 A														
UL1170	Release, Fab, & Deliver-HM Frames	25	0	05-17-24 A	07-19-24 A														
MEP																			
AHU'S																			
UL1210	Submittals-ATU's	20	0	04-01-24 A	04-15-24 A														
UL4468	Submittals-SPAC's	20	0	04-01-24 A	04-15-24 A														
UL4498	Submittals-SPHP's	20	0	04-01-24 A	04-15-24 A														
UL1220	Review & Approve-ATU's	10	0	04-16-24 A	04-29-24 A														
UL4478	Review & Approve-SPAC's	10	0	04-16-24 A	04-29-24 A														
UL4508	Review & Approve-SPHP's	10	0	04-16-24 A	04-29-24 A														
UL1230	Release, Fab, & Deliver-ATU's	40	0	04-30-24 A	08-26-24 A	■													
UL4488	Release, Fab, & Deliver-SPAC's	70	0	04-30-24 A	08-26-24 A	■													
UL4518	Release, Fab, & Deliver-SPHP's	90	0	04-30-24 A	08-26-24 A	■													
MISC ELECT GEAR																			
UL4160	Submittals- Panels / Misc Elect Gear	40	0	03-27-24 A	04-04-24 A														
UL4170	Review & Approve-Panels / Misc Elect Gear	40	0	04-04-24 A	04-09-24 A														
UL5120	Electrical Coordination Study	13	0	04-10-24 A	05-24-24 A														
UL4180	Release, Fab, & Deliver-Panels (30W)	150	87	05-28-24 A	01-08-25	■	■	■	■	■	■	■	■	■	■	■	■	■	■
UL5040	Release, Fab, & Deliver-Misc Elect Gear (30W)	150	87	05-28-24 A	01-08-25	■	■	■	■	■	■	■	■	■	■	■	■	■	■
LIGHT FIXTURES																			
UL1300	Submittals-Light Fixtures	20	0	04-01-24 A	05-02-24 A														
UL1310	Review & Approve-Light Fixtures	10	0	05-03-24 A	05-15-24 A														
UL1320	Release, Fab, & Deliver-Light Fixtures	40	24	05-16-24 A	09-30-24	■	■	■	■	■	■	■	■	■	■	■	■	■	■
CONSTRUCTION																			
EXTERIOR																			
SKIN																			
UL4401	Clean & Ensure Trench Drain Function - Loading Dock	2	2	12-18-24	12-19-24														
UL4436	Blocking for Metal Canopies	3	3	12-18-24	12-20-24														
UL4402	Power Wash Loading Dock Area	2	2	12-20-24	12-23-24														
UL4404	Install Exterior Door - Loading Dock	1	1	12-20-24	12-20-24														
UL4406	Paint Walls - Loading Dock	2	2	12-23-24	01-02-25														
UL4438	Exterior Sheathing & Vapor Barrier	7	7	12-23-24	01-09-25														
UL4440	Exterior Stucco Finish	20	20	01-10-25	02-06-25														
A4394	Install Metal Canopies (6)	10	10	02-07-25	02-20-25														
UL4456	Prep for Storefront Openings	15	15	02-07-25	02-27-25														
A4378	OFCI Exterior Richland Co Signage	5	5	02-21-25	02-27-25														

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
■ Critical Remaining Work

Richland County Safety Complex
 M.B. KAHN Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 9 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
UL1730	Install Inwall Electrical Rough In - VR	20	0	04-29-24 A	08-13-24 A	█													
UL1740	Install Inwall Plumbing Rough In - VR	20	0	06-13-24 A	08-12-24 A	█													
UL1720	Install Inwall Mechanical Rough In - VR	20	0	06-21-24 A	08-12-24 A	█													
UL1731	Install Cable Tray - VR	5	0	07-08-24 A	07-19-24 A														
UL1760	H/T/F Drywall - VR	25	14	08-12-24 A	09-16-24	█	█												
UL1750	Inwall MEPF Inspections - VR	5	0	08-14-24 A	08-14-24 A	◆													
UL1700	Install OH Fire Protection Rough In - VR	20	14	08-19-24 A	09-16-24	█	█												
UL1770	Prime/1st Coat Walls - VR	10	10	09-10-24	09-23-24		█												
UL1790	Install Soffit Framing - VR Restrooms	5	5	10-08-24	10-14-24			█											
UL1870	Install Ceiling Grid - VR	8	8	10-08-24	10-17-24			█											
UL1810	Install Soffit Electrical Rough In - VR Restrooms	5	5	10-15-24	10-21-24			█											
UL1880	Install In Grid Mechanical Rough In - VR	15	15	10-18-24	11-07-24			█											
UL1890	Install In Grid Electrical Rough In - VR	15	15	10-18-24	11-07-24			█											
UL1900	Install In Grid Plumbing Rough In - VR	15	15	10-18-24	11-07-24			█											
UL1910	Install In Grid Fire Protection Rough In - VR	15	15	10-18-24	11-07-24			█											
UL1840	Above Ceiling Inspections - Soffits - VR Restrooms	5	5	10-22-24	10-28-24			█											
UL1850	H/T/F Drywall Soffits - VR Restrooms	5	5	10-29-24	11-04-24			█											
UL2220	In Grid Inspections - VR	5	5	11-08-24	11-14-24			█											
FINISHES																			
UL1930	Install Trade / Cut Ceiling Tile - VR	12	12	10-18-24	11-04-24			█											
UL1970	Install MEPF Ceiling Trim Out - VR	5	5	11-05-24	11-11-24			█											
UL2010	Install Flooring - VR	10	10	11-12-24	11-25-24			█											
UL2050	Install Plumbing Fixtures - VR	5	5	11-26-24	12-04-24			█											
UL1980	Install Ceramic Tile - VR	8	8	12-11-24	12-20-24			█											
UL1990	Install Millwork - VR	12	12	12-23-24	01-16-25			█											
UL2000	Install Plumbing/Electrical in Millwork - VR	5	5	01-17-25	01-23-25			█											
UL1920	Energize Permenant Power - VR	10	10	03-11-25	03-24-25														
UL1940	Device/Trim Out AV - VR	10	10	03-25-25	04-07-25														
UL1950	Device/Trim Out Access Control - VR	10	10	03-25-25	04-07-25														
UL1960	Device/Trim Out Telecom Rm - VR	10	10	03-25-25	04-07-25														
UL1780	HVAC Startup / Conditioned Air - VR	5	5	04-01-25	04-07-25														
UL2060	Final Paint - VR	8	8	04-08-25	04-17-25														
UL5130	Install Full Ceiling Tile - VR	12	12	04-08-25	04-23-25														
UL2020	Install Window Treatments - VR	5	5	04-18-25	04-24-25														
UL2030	Install Signage - VR	3	3	04-18-25	04-22-25														
UL2040	Install Specialties - VR	5	5	04-18-25	04-24-25														
UL2070	Install Doors & Hardware - VR	5	5	04-18-25	04-24-25														
ELECTRICAL / IT RMs (VE01 / VIT1)																			
UL3600	Install Inwall MEP @ Elect Rms (VE01 / VIT1)	5	0	05-22-24 A	05-29-24 A	█													
UL3580	Frame Walls @ Elect Rms (VE01 / VIT1)	3	0	06-10-24 A	06-12-24 A	█													
UL3610	H/T/F One Side @ Elect Rms (VE01 / VIT1)	5	0	07-08-24 A	07-12-24 A	█													
UL3630	FRP Eq Pads @ Elect Rms (VE01)	5	0	07-23-24 A	07-29-24 A	█													
UL3620	Prime/1st Coat Walls @ Elect Rms (VE01 / VIT1)	2	2	09-24-24	09-25-24			█											
UL3640	Set Panels/Gear @ Elect Rms (VE01)	5	5	01-09-25	01-15-25														
UL3650	Pull/Terminate Feeders @ Elect Rms (VE01)	5	5	01-16-25	01-22-25														
UL3660	Buildout Panels @ Elect Rms (VE01)	30	30	01-23-25	03-05-25														
VR WAREHOUSE RM V281																			
UL4418	Frame Walls & Door Frames - VR Warehouse (V281)	10	0	05-02-24 A	08-14-24 A	█													
UL4412	Install OH Mechanical Rough In - VR Warehouse (V281)	20	0	06-03-24 A	07-20-24 A	█													
UL4414	Install OH Electrical Rough In - VR Warehouse (V281)	20	12	07-08-24 A	10-03-24	█	█												

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

█ Actual Work ◆ Milestone
█ Remaining Work
█ Critical Remaining Work

Richland County Safety Complex
 M.B. KAHN Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 11 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
UL4422	Install Inwall Electrical Rough In - VR Warehouse (V281)	5	0	07-15-24 A	08-14-24 A	█													
UL4416	Install OH Fire Protection Rough In - VR Warehouse (V281)	20	0	08-06-24 A	08-26-24 A	█													
UL4424	Inwall MEPF Inspections - VR Warehouse (V281)	5	0	08-15-24 A	08-15-24 A														
UL4426	H/T/F Drywall - VR Warehouse (V281)	10	7	08-21-24 A	09-05-24	█	█												
UL4428	Prime/1st Coat Walls - VR Warehouse (V281)	10	10	09-24-24	10-07-24		█												
UL4410	Paint Exposed Deck - VR Warehouse (V281)	10	10	10-04-24	10-17-24			█											
UL4420	Install Busways 15' AFF (Warehouse V281) - VR Warehouse	8	8	10-18-24	10-29-24			█											
UL4430	Install Light Fixtures (Warehouse V281) - VR Warehouse	20	20	10-30-24	11-26-24				█										
UL4432	Final Paint - VR Warehouse (V281)	10	10	11-27-24	12-12-24					█									
UL4319	Install Metal Storage Shelving - VR Warehouse (V281)	10	10	12-13-24	01-06-25						█								
UL4458	Seal Floors - VR Warehouse (V281)	5	5	12-13-24	12-19-24							█							
UL4317	Install Wire Mesh Partitions - VR Warehouse (V281)	5	5	04-18-25	04-24-25								█						
STAIR #2																			
UL4297	Demo - Stair 2	5	0	05-03-24 A	05-09-24 A														
UL4299	Install New Stair & Rails - Stair 2	10	0	07-08-24 A	07-12-24 A														
UL4302	Pour Stair Treads - Stair 2	3	3	10-07-24	10-09-24														
UL4303	Install New Int Door Frame - Stair 2	2	2	10-10-24	10-11-24														
UL4305	Install New Ext Door Frame - Stair 2	2	2	10-14-24	10-15-24														
UL4307	In-fill CMU Walls - Stair 2	3	3	10-16-24	10-18-24														
UL4309	Drywall Work at Landings - Stair 2	4	4	10-21-24	10-24-24														
UL4313	Prime/1st Coat Paint Walls - Stair 2	2	2	10-25-24	10-28-24														
UL4301	Install ACT Ceilings - Stair 2	10	10	10-29-24	11-11-24														
UL4315	Install Wall Mounted Rails - Stair 2	2	2	11-12-24	11-13-24														
UL4311	Finish Paint - Stair 2	3	3	11-14-24	11-18-24														
COMMISSIONING																			
UL2160	Subcontractor Complete Prefunctional Testing - VR	5	5	04-08-25	04-14-25														
UL2170	Submit Prefunction Checklist - VR	5	5	04-15-25	04-21-25														
UL2180	Test & Balance - VR	5	5	04-22-25	04-28-25														
UL2190	CX Agent Start Functional Testing - VR	5	5	04-29-25	05-05-25														
UL2200	Subcontractors Complete Deficient Log Items - VR	5	5	05-06-25	05-12-25														
UL2210	Final CX Testing - VR	5	5	05-13-25	05-19-25														
FINAL INSPECTIONS, CLEAN, PUNCH																			
UL2080	Construction Clean - VR	3	3	04-25-25	04-29-25														
UL2090	Subcontractor Punchlist - VR	2	2	04-30-25	05-01-25														
UL2100	MBK Punchlist - VR	2	2	05-02-25	05-05-25														
UL2110	Sub/MBK Complete & Verify Punchlist - VR	5	5	05-06-25	05-12-25														
UL2120	Pre-Final Clean - VR	3	3	05-13-25	05-15-25														
DJJ BUSINESS																			
FRAMING & ROUGH IN																			
UL3230	Frame & One Side Divider Wall - DJJ	12	0	05-02-24 A	08-19-24 A	█													
UL2350	Frame Walls & Door Frames - DJJ	8	0	05-06-24 A	08-19-24 A	█													
UL2310	Install OH Mechanical Rough In - DJJ	10	0	05-07-24 A	08-15-24 A	█													
UL2330	Install OH Plumbing Rough In - DJJ	10	0	05-07-24 A	08-15-24 A	█													
UL2370	Install Inwall Electrical Rough In - DJJ	10	0	06-11-24 A	08-15-24 A	█													
UL2360	Install Inwall Mechanical Rough In - DJJ	10	0	06-27-24 A	08-15-24 A	█													
UL4271	Install Cable Tray - DJJ	5	5	07-08-24 A	09-03-24	█	█												
UL2380	Install Inwall Plumbing Rough In - DJJ	10	0	07-15-24 A	08-07-24 A	█													
UL2390	Inwall MEPF Inspections - DJJ	3	0	08-15-24 A	08-15-24 A														
UL2340	Install OH Fire Protection Rough In - DJJ	10	10	09-17-24	09-30-24			█											
UL2400	H/T/F Drywall - DJJ	10	10	09-17-24	09-30-24			█											

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

█ Actual Work ◆ Milestone
█ Remaining Work
█ Critical Remaining Work

Richland County Safety Complex
 M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 12 of 18



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025														
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
UL2320	Install OH Electrical Rough In - DJJ	10	10	10-04-24	10-17-24															
UL2410	Prime/1st Coat Walls - DJJ	5	5	10-08-24	10-14-24															
UL2420	Install Soffit Framing - DJJ	3	3	10-15-24	10-17-24															
UL2440	Install Soffit Electrical Rough In - DJJ	2	2	10-18-24	10-21-24															
UL2460	Install Soffit Fire Protection Rough In - DJJ	2	2	10-18-24	10-21-24															
UL2490	Install Ceiling Grid - DJJ	5	5	10-18-24	10-24-24															
UL2470	Above Ceiling Inspections - Soffits - DJJ	5	5	10-22-24	10-28-24															
UL2520	Install In Grid Plumbing Rough In - DJJ	10	10	10-25-24	11-07-24															
UL2530	Install In Grid Fire Protection Rough In - DJJ	10	10	10-25-24	11-07-24															
UL2480	H/T/F Drywall Soffits - DJJ	4	4	10-29-24	11-01-24															
UL2500	Install In Grid Mechanical Rough In - DJJ	10	10	11-08-24	11-21-24															
UL2510	Install In Grid Electrical Rough In - DJJ	10	10	11-08-24	11-21-24															
UL2540	In Grid Inspections - DJJ	3	3	11-22-24	11-26-24															
FINISHES																				
UL2860	Install Trade / Cut Ceiling Tile - DJJ	5	5	11-05-24	11-11-24															
UL2900	Install MEPF Ceiling Trim Out - DJJ	5	5	11-12-24	11-18-24															
UL2910	Install Ceramic Tile - DJJ	5	5	12-23-24	01-07-25															
UL2920	Install Millwork - DJJ	8	8	01-17-25	01-28-25															
UL2930	Install Plumbing/Electrical in Millwork - DJJ	5	5	01-29-25	02-04-25															
UL2940	Install Flooring - DJJ	5	5	02-05-25	02-11-25															
UL2980	Install Plumbing Fixtures - DJJ	5	5	02-12-25	02-18-25															
UL2850	Energize Pemanant Power - DJJ	5	5	03-11-25	03-17-25															
UL2840	HVAC Startup / Conditioned Air - DJJ	5	5	04-01-25	04-07-25															
UL2870	Device/Trim Out AV - DJJ	5	5	04-08-25	04-14-25															
UL2880	Device/Trim Out Access Control - DJJ	5	5	04-08-25	04-14-25															
UL2890	Device/Trim Out Telecom Rm - DJJ	5	5	04-08-25	04-14-25															
UL5140	Install Full Ceiling Tile - DJJ	5	5	04-08-25	04-14-25															
UL2990	Final Paint - DJJ	5	5	04-18-25	04-24-25															
UL2950	Install Window Treatments - DJJ	2	2	04-25-25	04-28-25															
UL2960	Install Signage - DJJ	2	2	04-25-25	04-28-25															
UL2970	Install Specialties - DJJ	5	5	04-25-25	05-01-25															
UL3000	Install Doors & Hardware - DJJ	3	3	04-25-25	04-29-25															
ELECTRICAL / IT RMs (JE01 / JIT1)																				
UL4070	Frame Walls @ Elect Rm (JE01/JIT1)	2	0	05-16-24 A	05-17-24 A															
UL4080	Install Inwall MEP @ Elect Rm (JE01/JIT1)	3	0	05-24-24 A	05-28-24 A															
UL4090	H/T/F One Side @ Elect Rm (JE01/JIT1)	5	10	07-23-24 A	09-10-24															
UL4110	FRP Eq Pads @ Elect Rm (JE01)	5	0	08-01-24 A	08-07-24 A															
UL4120	Set Panels/Gear @ Elect Rm (JE01)	3	3	09-11-24	09-13-24															
UL4130	Pull/Terminate Feeders @ Elect Rm (JE01)	10	10	09-16-24	09-27-24															
UL4140	Buildout Panels @ Elect Rm (JE01)	20	20	09-30-24	10-25-24															
UL4100	Prime/1st Coat Walls @ Elect Rm (JE01/JIT1)	2	2	10-15-24	10-16-24															
EMERG ELECTRICAL RM (252)																				
A4272	Frame Walls EER (252)	2	0	04-24-24 A	04-24-24 A															
A4274	Install Inwall Electrical EER (252)	3	0	05-17-24 A	05-21-24 A															
A4276	H/T/F One Side EER (252)	5	0	07-22-24 A	07-26-24 A															
A4282	Set & Rough-In Panels/Gear EER (252)	10	10	08-27-24	09-10-24															
A4284	Pull/Terminate Emergency Feeders EER (252)	10	10	09-11-24	09-24-24															
A4286	Buildout Panels EER (252)	20	20	09-25-24	10-22-24															
A4278	Prime/1st Coat Ceilings & Walls EER (252)	2	2	10-15-24	10-16-24															
MAIN ELECTRICAL RM (253)																				

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
■ Critical Remaining Work

Richland County Safety Complex
 M.B. KAHN Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 13 of 18



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025													
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A4302	Install Inwall MEP @ Elect Rm (253)	3	0	04-23-24 A	04-24-24 A														
A4308	FRP Eq Pads @ Elect Rm (253)	5	0	06-17-24 A	06-21-24 A														
A4304	H/T/F One Side @ Elect Rm (253)	5	0	07-22-24 A	07-26-24 A														
A4314	Buildout Panels @ Elect Rm (253)	30	30	08-27-24	10-08-24		█	█	█										
A4312	Pull/Terminate Feeders @ Elect Rm (253)	10	10	09-25-24	10-08-24			█											
A4306	Prime/1st Coat Ceilings & Walls @ Elect Rm (253)	2	2	10-15-24	10-16-24														
FIRE PUMP RISER RM (251)																			
A4288	Frame Walls FPRR (251)	2	0	05-13-24 A	05-17-24 A														
A4292	H/T/F One Side FPRR (251)	5	0	06-10-24 A	07-24-24 A														
A4296	FRP Eq Pads FPRR (251)	5	0	06-17-24 A	06-21-24 A														
A4298	Buildout Room FPRR (251)	20	20	09-09-24*	10-04-24		█	█	█										
A4294	Prime/1st Coat Ceilings & Walls FPRR (251)	2	2	10-17-24	10-18-24														
NEW EXIT & 911 SECURED CORRIDORS																			
A4340	Frame Walls & Door Frames - New Exit / 911 Corr.	5	0	04-24-24 A	04-24-24 A														
A4316	Install Electrical Rough In / Lights - New Exit / 911 Cor	5	5	09-16-24*	09-20-24			█											
A4318	Inwall MEPF Inspections - New Exit / 911 Corr.	5	5	09-23-24	09-27-24			█											
A4320	H/T/F Drywall - New Exit / 911 Corr.	10	10	09-30-24	10-11-24			█											
UL4334	Install OH Mechanical Rough In - New Exit / 911 Corr.	7	7	10-10-24	10-18-24				█										
UL4336	Install OH Electrical Rough In - New Exit / 911 Corr.	7	7	10-10-24	10-18-24				█										
UL4338	Install OH Fire Protection Rough In - New Exit / 911 C	5	5	10-14-24	10-18-24				█										
A4322	Prime/1st Coat Walls - New Exit / 911 Corr.	5	5	10-14-24	10-18-24				█										
UL4324	Install Ceiling Grid - New Exit / 911 Corr.	5	5	10-21-24	10-25-24					█									
UL4326	Install In Grid Mechanical Rough In - New Exit / 911 C	5	5	10-28-24	11-01-24						█								
UL4328	Install In Grid Electrical Rough In - New Exit / 911 Cor	5	5	10-28-24	11-01-24							█							
UL4330	Install In Grid Fire Protection Rough In - New Exit / 91	3	3	10-28-24	10-30-24								█						
UL4346	Install MEPF Ceiling Trim Out - New Exit / 911 Corr.	5	5	10-28-24	11-01-24									█					
UL4348	Install Flooring - New Exit / 911 Corr.	5	5	11-04-24	11-08-24										█				
UL4332	In Grid Inspections - New Exit / 911 Corr.	5	5	11-04-24	11-08-24											█			
UL4342	Install Ceiling Tile - New Exit / 911 Corr.	3	3	11-11-24	11-13-24												█		
UL4350	Install Signage - New Exit / 911 Corr.	2	2	11-11-24	11-12-24													█	
UL4344	Device/Trim Out Access Control - New Exit / 911 Corr.	5	5	04-08-25	04-14-25														█
UL4352	Final Paint - New Exit / 911 Corr.	5	5	04-15-25	04-21-25														█
UL4354	Install Doors & Hardware - New Exit / 911 Corr.	5	5	04-23-25	04-29-25														█
STAIR #4																			
UL4367	Remaining Demo ? - Stair 4	5	0	04-19-24 A	04-25-24 A														
UL4373	Install New Int Door Frame - Stair 4	2	2	10-02-24	10-03-24														
UL4377	In-fill CMU Walls - Stair 4	3	3	10-04-24	10-08-24														
UL4369	Install New Stair Rails - Stair 4	5	5	10-09-24	10-15-24														
UL4385	Prime/1st Coat Paint Walls - Stair 4	2	2	10-16-24	10-17-24														
UL4371	Install ACT Ceilings - Stair 4	10	10	10-18-24	10-31-24														
UL4387	Install Wall Mounted Rails - Stair 4	2	2	11-01-24	11-04-24														
UL4383	Finish Paint - Stair 4	3	3	11-05-24	11-07-24														
STAIR #3																			
UL4321	Demo - Stair 3	5	0	04-26-24 A	05-02-24 A														
UL4323	Install New Stair & Rails - Stair 3	10	10	09-18-24	10-01-24														
UL4335	Pour Stair Treads - Stair 3	3	3	10-02-24	10-04-24														
UL4327	Install New Int Door Frame - Stair 3	2	2	10-07-24	10-08-24														
UL4329	Install New Ext Door Frame- Stair 3	2	2	10-09-24	10-10-24														
UL4331	In-fill CMU Walls - Stair 3	3	3	10-11-24	10-15-24														
UL4333	Drywall Work at Landings - Stair 3	4	4	10-16-24	10-21-24														

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

█ Actual Work ◆ Milestone
█ Remaining Work
█ Critical Remaining Work

Richland County Safety Complex
 M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 14 of 16



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2025																	
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			
UL4339	Prime/1st Coat Paint Walls - Stair 3	2	2	10-22-24	10-23-24																		
UL4325	Install ACT Ceilings - Stair 3	10	10	10-24-24	11-06-24																		
UL4341	Install Wall Mounted Rails - Stair 3	2	2	11-07-24	11-08-24																		
UL4337	Finish Paint - Stair 3	3	3	11-11-24	11-13-24																		
STAIR #5																							
UL4345	Demo - Stair 5	5	0	05-29-24 A	06-06-24 A																		
UL4347	Install New Stair & Rails - Stair 5	15	15	02-04-25	02-24-25																		
UL4359	Pour Stair Treads - Stair 5	3	3	02-25-25	02-27-25																		
UL4351	Wall Layout / Set Door Frames - Stair 5	2	2	02-28-25	03-03-25																		
UL4355	Frame Walls - Stair 5	6	6	03-04-25	03-11-25																		
UL4357	H/T/F Drywall - Stair 5	9	9	03-12-25	03-24-25																		
UL4363	Paint Ceilings - Stair 5	3	3	03-25-25	03-27-25																		
UL4349	Prime/1st Coat Paint Walls - Stair 5	2	2	03-28-25	03-31-25																		
UL4365	Install Wall Mounted Rails - Stair 5	2	2	04-01-25	04-02-25																		
UL4361	Finish Paint - Stair 5	3	3	04-03-25	04-07-25																		
FINAL INSPECTIONS, CLEAN, PUNCH																							
UL3180	Construction Clean - DJJ	3	3	04-30-25	05-02-25																		
UL3190	Subcontractor Punchlist - DJJ	2	2	05-05-25	05-06-25																		
UL3200	MBK Punchlist - DJJ	5	5	05-07-25	05-13-25																		
UL3210	Sub/MBK Complete & Verify Punchlist - DJJ	5	5	05-14-25	05-20-25																		
UL3220	Pre-Final Clean - DJJ	3	3	05-21-25	05-23-25																		
COMMISSIONING																							
UL3340	Subcontractor Complete Prefunctional Testing - DJJ	5	5	04-08-25	04-14-25																		
UL3350	Submit Prefunction Checklist - DJJ	5	5	04-15-25	04-21-25																		
UL3360	Test & Balance - DJJ	5	5	04-29-25	05-05-25																		
UL3370	CX Agent Start Functional Testing - DJJ	5	5	05-06-25	05-12-25																		
UL3380	Subcontractors Complete Deficient Log Items - DJJ	5	5	05-13-25	05-19-25																		
UL3390	Final CX Testing - DJJ	3	3	05-20-25	05-22-25																		
TRAINING / LOBBY / RESTROOM AREA																							
FRAMING & ROUGH IN																							
UL2640	Frame Walls & Door Frames - Training / Lobby	10	0	06-06-24 A	07-27-24 A																		
UL2650	Install Inwall Mechanical Rough In - Training / Lobby	15	0	06-27-24 A	07-22-24 A																		
UL2670	Install Inwall Plumbing Rough In - Training / Lobby	15	6	07-08-24 A	09-20-24																		
UL2671	Install Cable Tray - Training / Lobby	5	1	07-11-24 A	09-04-24																		
UL2620	Install OH Plumbing Rough In - Training / Lobby	12	0	07-15-24 A	07-23-24 A																		
UL2660	Install Inwall Electrical Rough In - Training / Lobby	15	0	07-15-24 A	07-25-24 A																		
UL2600	Install OH Mechanical Rough In - Training / Lobby	12	12	08-19-24 A	09-25-24																		
UL2680	Inwall MEPF Inspections - Training / Lobby	5	5	09-23-24	09-27-24																		
UL4273	Install Operable Partition Tracks - Training / Lobby	3	3	09-27-24	10-01-24																		
UL2630	Install OH Fire Protection Rough In - Training / Lobby	12	12	10-01-24	10-16-24																		
UL2690	H/T/F Drywall - Training / Lobby	15	15	10-01-24	10-21-24																		
UL2710	Install Ceiling & Soffit Framing - Training / Lobby	15	15	10-10-24	10-30-24																		
UL2610	Install OH Electrical Rough In - Training / Lobby	12	12	10-18-24	11-04-24																		
UL2720	Install Ceiling & Soffit Mechanical Rough In Training /	10	10	10-31-24	11-13-24																		
UL2730	Install Ceiling & Soffit Electrical Rough In Training / Lc	10	10	10-31-24	11-13-24																		
UL2750	Install Ceiling & Soffit Fire Protection Rough In Trainin	5	5	10-31-24	11-06-24																		
UL2760	Above Ceiling Inspections - Hard Lid/Soffits Training /	5	5	11-14-24	11-20-24																		
UL2770	H/T/F Drywall ceilings - Training / Lobby	7	7	11-21-24	12-03-24																		
UL2700	Prime/1st Coat Walls - Training / Lobby	5	5	12-04-24	12-10-24																		
UL2780	Install Ceiling Grid - Training / Lobby	5	5	12-11-24	12-17-24																		

Start Date: 04-19-23
 Finish Date: 09-24-25
 Data Date: 08-26-24
 Run Date: 08-27-24

■ Actual Work ◆ Milestone
■ Remaining Work
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Richland County Safety Complex
 M.B. Kahn Construction Co.

Complete Schedule
 08-26-24 Upd
 File: RCPSC-06 Page 15 of 18



PROJECT NUMBER: 619704

911 Call Center Const.
 7201 Two Notch Road
 Columbia, SC 29223

M. B. Kahn Construction Company, Inc.

Spec Section	Specification	Sub Section	Paragraph	Submittal Number	Description	Responsible Subcontractor	Date Rec'd fr Subcontractor	Date sent to Architect	Date Rec'd fr Architect	Date Ret'd to Subcontractor	Status	Notes
33000	CAST-IN-PLACE CONCRETE	1.5	B		DESIGN MIXTURES	Palmetto Concrete Group	8/14/2023	8/18/2023	29/8/2023	29/8/2023	Approved	
33000	CAST-IN-PLACE CONCRETE	1.5	C		STEEL REINFORCEMENT SHOP DRAWINGS	Palmetto Concrete Group	8/17/2023	8/18/2023	29/8/2023	29/8/2023	Approved As Noted	
33000	CAST-IN-PLACE CONCRETE	1.5	D		FORMWORK SHOP DRAWINGS	Palmetto Concrete Group	8/17/2023	8/18/2023	29/8/2023	29/8/2023	Approved As Noted	
33000	CAST-IN-PLACE CONCRETE	1.5	E		QUALIFICATION DATA	Palmetto Concrete Group	8/14/2023	8/18/2023	29/8/2023	29/8/2023	Approved	
33000	CAST-IN-PLACE CONCRETE	1.5	F		RESEARCH/EVALUATION REPORTS	Palmetto Concrete Group	8/21/2023	8/21/2023	29/8/2023	29/8/2023	Approved	
33000	CAST-IN-PLACE CONCRETE	1.5	G		HOT WEATHER PROGRAM	Palmetto Concrete Group	8/14/2023	8/18/2023	29/8/2023	29/8/2023	Approved	
42000	UNIT MASONRY	1.4	A		PRODUCT DATA	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY	1.4	B		SHOP DRAWINGS	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY	1.4	C		SAMPLES FOR VERIFICATION	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY	1.5	A		LIST OF MATERIALS USED IN CONSTRUCTION MOCKUPS	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY	1.5	B		QUALIFICATION DATA	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY	1.5	C		MATERIAL CERTIFICATES	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY	1.5	D		MIX DESIGNS	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY	1.5	E		STATEMENT OF COMPRESSIVE STRENGTH OF MASONRY	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY	1.5	F		COLD-WEATHER AND HOT WEATHER PROCEDURES	M. B. Kahn	8/30/2023	9/5/2023	10/5/2023	10/5/2023	Approved As Noted	
42000	UNIT MASONRY				ALTERNATE GROUT MIX	M. B. Kahn	9/20/2023	9/20/2023	9/20/2023	10/5/2023	Approved As Noted	
50520	POST INSTALLED STRUCTURAL ANCHORS	1.5	A		CONTRACTOR'S STATEMENT OF RESPONSIBILITY PER DIVISION	D&T Steel						
50520	POST INSTALLED STRUCTURAL ANCHORS	1.5	B		PRODUCT DATA	D&T Steel						
50520	POST INSTALLED STRUCTURAL ANCHORS	1.5	C		RESEARCH/EVALUATION REPORTS	D&T Steel						
50520	POST INSTALLED STRUCTURAL ANCHORS	1.5	E		MANUFACTURER'S INSTRUCTION	D&T Steel						
50520	POST INSTALLED STRUCTURAL ANCHORS	1.5	F		QUALIFICATION DATA	D&T Steel						
51200	STRUCTURAL STEEL FRAMING	1.4	F		DELEGATED-DESIGN SUBMITTAL	D&T Steel	7/31/2023	8/7/2023	8/29/2023	8/29/2023	Approved As Noted	
51200	STRUCTURAL STEEL FRAMING	1.4	G		SLIP CRITICAL BOLT INSTALLATION STATEMENT	D&T Steel						
51200	STRUCTURAL STEEL FRAMING	1.4	H		AS-BUILT ANCHOR ROD AND EMBED SURVEY	D&T Steel						
51200	STRUCTURAL STEEL FRAMING	1.4	I		WELDING CERTIFICATES	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/14/2024	Approved	
51200	STRUCTURAL STEEL FRAMING	1.4	J		WELDING PROCEDURE SPECIFICATIONS AND PROCEDURE	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/14/2024	Approved	
51200	STRUCTURAL STEEL FRAMING	1.4	K		QUALIFICATION DATA	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/14/2024	Approved	Included in Procedures
51200	STRUCTURAL STEEL FRAMING	1.4	L		RESEARCH/EVALUATION REPORTS	D&T Steel						For Post Installed Anchors
51200	STRUCTURAL STEEL FRAMING	1.5	A		QUALITY CONTROL PLAN	D&T Steel						
55000	METAL FABRICATIONS	1.3	A		PRODUCT DATA	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/14/2024	Approved	Included in Test Reports
55000	METAL FABRICATIONS	1.3	B		SHOP DRAWINGS	D&T Steel						
55000	METAL FABRICATIONS	1.3	C		DELEGATED DESIGN SUBMITTAL	D&T Steel						
55000	METAL FABRICATIONS	1.4	A		QUALIFICATION DATA	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/14/2024	Approved	
55000	METAL FABRICATIONS	1.4	B		WELDING CERTIFICATES	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/14/2024	Approved	
55000	METAL FABRICATIONS	1.4	C		PAINT COMPATIBILITY CERTIFICATES	D&T Steel						
55000	METAL FABRICATIONS	1.4	D		RESEARCH REPORTS	D&T Steel						For Post Installed Anchors
55000	METAL FABRICATIONS ROOF ACCESS LADDER					D&T Steel	12/28/2023	1/4/2024	1/12/2024	1/12/2024	Approved As Noted	
55000	METAL FABRICATIONS SHIPS LADDER					D&T Steel	12/21/2023	1/4/2024	1/12/2024	1/12/2024	Approved As Noted	
57300	DECORATIVE METAL RAILINGS	1.3	A		PRODUCT DATA	D&T Steel						
57300	DECORATIVE METAL RAILINGS STAIR 1 AND 2	1.3	B		SHOP DRAWINGS	D&T Steel	11/8/2023	11/9/2023	11/22/2023	11/28/2023	Approved As Noted	
57300	DECORATIVE METAL RAILINGS STAIR 3 AND 4				SHOP DRAWINGS	D&T Steel	12/5/2023	12/5/2023	1/4/2024	1/4/2024	Approved As Noted	
57300	DECORATIVE METAL RAILINGS STAIR 5				SHOP DRAWINGS	D&T Steel	1/12/2024	1/12/2024	1/22/2024	1/22/2024	Approved As Noted	
57300	DECORATIVE METAL RAILINGS DISPATCH PLATFORM				SHOP DRAWINGS	D&T Steel	5/28/2024	6/13/2024	7/29/2024	7/29/2024	Approved As Noted	
57300	DECORATIVE METAL RAILINGS	1.3	C		SAMPLES FOR INITIAL SELECTION	D&T Steel						
57300	DECORATIVE METAL RAILINGS	1.3	D		SAMPLES FOR VERIFICATION	D&T Steel						
57300	DECORATIVE METAL RAILINGS	1.3	E		DELEGATED DESIGN SUBMITTAL	D&T Steel						
57300	DECORATIVE METAL RAILINGS	1.4	A		QUALIFICATION DATA	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/15/2024	Approved	
57300	DECORATIVE METAL RAILINGS	1.4	B		MILL CERTIFICATES	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/15/2024	Approved	
57300	DECORATIVE METAL RAILINGS	1.4	C		WELDING CERTIFICATES	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/15/2024	Approved	
57300	DECORATIVE METAL RAILINGS	1.4	D		PRODUCT TEST REPORTS	D&T Steel	12/18/2023	1/23/2024	2/14/2024	2/15/2024	Approved	
57300	DECORATIVE METAL RAILINGS	1.4	E		RESEARCH REPORTS	D&T Steel						For Post Installed Anchors

57300	DECORATIVE METAL RAILINGS	1.4	F	PRECONSTRUCTION TEST REPORTS	D&T Steel														
61053	MISCELLANEOUS ROUGH CARPENTRY	1.4	A	PRODUCT DATA															
61053	MISCELLANEOUS ROUGH CARPENTRY	1.5	A	EVALUATION REPORTS															
61600	SHEATHING	1.2	A	PRODUCT DATA															
61600	SHEATHING	1.2	B	SHOP DRAWINGS															
61600	SHEATHING	1.3	A	QUALIFICATION DATA															
61600	SHEATHING	1.3	B	PRODUCT TEST REPORTS															
64116	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	1.3	A	PRODUCT DATA	Peralta Woodworks	10/27/2023	11/27/2023	12/14/2023	12/18/2023	Approved									
64116	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	1.3	B	SHOP DRAWINGS	Peralta Woodworks	11/30/2023	12/12/2023	12/14/2023	12/18/2023	Approved									
64116	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	1.3	C	SAMPLES	Peralta Woodworks	10/27/2022	11/27/2022	12/14/2023	12/18/2023	Approved									
64116	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	1.4	A	QUALIFICATION DATA	Peralta Woodworks	10/27/2023	11/27/2023	12/14/2023	12/18/2023	Approved									
64116	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	1.4	B	RESEARCH REPORTS	Peralta Woodworks														
64116	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	1.4	C	FIELD QUALITY CONTROL REPORTS	Peralta Woodworks														
64116	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS			HARDWARE	Peralta Woodworks	9/28/2023	2/28/2024	3/13/2024	3/13/2024	Approved As Noted									
72100	THERMAL INSULATION	1.2	A	PRODUCT DATA	Carolina Insulation Contrac	12/6/2023	12/8/2023	12/18/2023	12/19/2023	Approved									
72100	THERMAL INSULATION	1.3	A	INSTALLER'S CERTIFICATION	Carolina Insulation Contrac	12/6/2023	12/8/2023	12/18/2024	12/19/2024	Approved									
72100	THERMAL INSULATION	1.3	B	PRODUCT TEST REPORTS	Carolina Insulation Contractors														
72100	THERMAL INSULATION	1.3	C	RESEARCH REPORTS	Carolina Insulation Contrac	N/A													For foam-plastic
72119	FOAMED-IN-PLACE INSULATION	1.3	A	PRODUCT DATA															
72119	FOAMED-IN-PLACE INSULATION	1.4	A	QUALIFICATION DATA															
72119	FOAMED-IN-PLACE INSULATION	1.4	B	PRODUCT TEST REPORTS															
72119	FOAMED-IN-PLACE INSULATION	1.4	C	EVALUATION REPORTS															
72119	FOAMED-IN-PLACE INSULATION	1.4	D	TEST REPORTS															
72119	FOAMED-IN-PLACE INSULATION	1.4	E	EVALUATION REPORTS															
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.5	A	PRODUCT DATA	Collins & Wright	10/20/2023	10/20/2023	11/8/2023	11/8/2023	Approved									must provide missing info 1.5 and 1.6
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.5	B	SHOP DRAWINGS	Collins & Wright														
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.5	C	SAMPLES	Collins & Wright														
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.5	D	SAMPLES FOR INITIAL SELECTION	Collins & Wright														
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.5	E	SAMPLES FOR VERIFICATION	Collins & Wright														
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.6	A	QUALIFICATION DATA	Collins & Wright	12/15/2023	1/24/2024	2/19/2024	2/19/2024	Approved									
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.6	B	MANUFACTURER CERTIFICATES	Collins & Wright	12/15/2023	1/24/2024	2/19/2024	2/19/2024	Approved									
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.6	C	PRODUCT CERTIFICATES	Collins & Wright														
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.6	D	PRODUCT TEST REPORTS	Collins & Wright	10/20/2023	10/20/2023	11/8/2023	11/8/2023	Approved									Included in Product Data
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.6	E	FIELD QUALITY CONTROL REPORTS	Collins & Wright														
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.6	F	SAMPLE WARRANTY	Collins & Wright														
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.7	A	MAINTENANCE DATA - CLOSEOUT	Collins & Wright														
72419	WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	1.11	A	MANUFACTURER'S SPECIAL WARRANTY - CLOSEOUT	Collins & Wright														
72500	WEATHER BARRIERS	1.2	A	PRODUCT DATA															
72500	WEATHER BARRIERS	1.2	B	SHOP DRAWINGS															
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.5	A	PRODUCT DATA	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.5	B	SHOP DRAWINGS	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.5	C	SAMPLES FOR VERIFICATION	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.5	D	WIND UPLIFT RESISTANCE SUBMITTAL	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.6	A	QUALIFICATION DATA	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.6	B	MANUFACTURER CERTIFICATES	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.6	C	PRODUCT TEST REPORTS	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.6	D	EVALUATION REPORTS	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.6	E	FIELD TEST REPORTS	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.6	F	FIELD QUALITY CONTROL REPORTS	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.6	G	SAMPLE WARRANTIES	C. L. Burks	8/22/2023	8/23/2023	9/19/2023	9/20/2023	Approved									
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.7	A	MAINTENANCE DATA - CLOSEOUT	C. L. Burks														
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.11	A	SPECIAL MANUFACTURER'S SYSTEM WARRANTY - CLOSEOUT	C. L. Burks														
75216	SBS MODIFIED BITUMINOUS MEMBRANE ROOFING	1.11	B	SPECIAL PROJECT WARRANTY - CLOSEOUT	C. L. Burks														
76200	SHEET METAL FLASHING AND TRIM	1.5	A	PRODUCT DATA	C. L. Burks	1/18/2024	1/24/2024	2/19/2024	2/19/2024	Approved									
76200	SHEET METAL FLASHING AND TRIM	1.5	B	SHOP DRAWINGS	C. L. Burks	12/6/2023	12/18/2023	1/10/2024	1/10/2024	Approved									
76200	SHEET METAL FLASHING AND TRIM	1.5	C	SAMPLES	C. L. Burks														
76200	SHEET METAL FLASHING AND TRIM	1.6	A	QUALIFICATION DATA	C. L. Burks	1/18/2024	1/24/2024	2/19/2024	2/19/2024	Approved									
76200	SHEET METAL FLASHING AND TRIM	1.6	B	PRODUCT CERTIFICATES	C. L. Burks														
76200	SHEET METAL FLASHING AND TRIM	1.6	C	PRODUCT TEST REPORTS	C. L. Burks														
76200	SHEET METAL FLASHING AND TRIM	1.6	D	EVALUATION REPORTS	C. L. Burks														

76200	SHEET METAL FLASHING AND TRIM	1.6	E	SAMPLE WARRANTY	C. L. Burks														
76200	SHEET METAL FLASHING AND TRIM	1.7	A	MAINTENANCE DATA - CLOSEOUT	C. L. Burks														
76200	SHEET METAL FLASHING AND TRIM	1.7	B	SPECIAL WARRANTY - CLOSEOUT	C. L. Burks														
76200	SHEET METAL FLASHING AND TRIM	1.10	A	SPECIAL WARRANTY ON FINISHES - CLOSEOUT	C. L. Burks														
77129	MANUFACTURED ROOF EXPANSION JOINTS	1.3	A	PRODUCT DATA	C. L. Burks	12/6/2023	12/18/2023	1/10/2024	1/10/2024	Revise & Resubmit									
77129	MANUFACTURED ROOF EXPANSION JOINTS	1.3	B	SHOP DRAWINGS	C. L. Burks														
77129	MANUFACTURED ROOF EXPANSION JOINTS	1.3	C	SAMPLES	C. L. Burks														
77129	MANUFACTURED ROOF EXPANSION JOINTS	1.4	A	QUALIFICATION DATA	C. L. Burks	1/18/2024													
77129	MANUFACTURED ROOF EXPANSION JOINTS	1.4	B	PRODUCT TEST REPORTS	C. L. Burks														
77129	MANUFACTURED ROOF EXPANSION JOINTS	1.4	C	SAMPLE WARRANTIES	C. L. Burks														
77129	MANUFACTURED ROOF EXPANSION JOINTS	1.6	A	SPECIAL WARRANTY	C. L. Burks														
77129	MANUFACTURED ROOF EXPANSION JOINTS	1.6	B	SPECIAL WARRANTY ON PAINTED FINISHES	C. L. Burks														
77200	ROOF ACCESSORIES	1.3	A	PRODUCT DATA	C. L. Burks	12/15/2023	12/18/2023	1/10/2024	1/15/2024	Revise & Resubmit									
77200	ROOF ACCESSORIES	1.3	B	SHOP DRAWINGS	C. L. Burks	1/18/2024	1/24/2024	2/19/2024	2/19/2024	Approved									
77200	ROOF ACCESSORIES	1.3	C	SAMPLES	C. L. Burks	N/A													No Submittal
77200	ROOF ACCESSORIES	1.3	D	DELEGATED DESIGN SUBMITTAL	C. L. Burks														
77200	ROOF ACCESSORIES	1.4	A	COORDINATION DRAWINGS	C. L. Burks														
77200	ROOF ACCESSORIES	1.4	B	SAMPLE WARRANTIES	C. L. Burks														
77200	ROOF ACCESSORIES	1.5	A	OPERATIONS AND MAINTENANCE DATA	C. L. Burks														
77200	ROOF ACCESSORIES	1.6	A	SPECIAL WARRANTY ON PAINTED FINISHES	C. L. Burks														
78100	APPLIED FIREPROOFING	1.5	A	PRODUCT DATA	Carolina Insulation Contrac	10/10/2023	10/10/2023	10/25/2023	10/5/2023	Approved									
78100	APPLIED FIREPROOFING	1.5	B	SHOP DRAWINGS	Carolina Insulation Contrac	10/10/2023	10/10/2023	10/25/2024	11/5/2023	Approved									
78100	APPLIED FIREPROOFING	1.5	C	SAMPLES	Carolina Insulation Contrac	10/10/2023	10/10/2023	10/25/2025	12/5/2023	Approved									
78100	APPLIED FIREPROOFING	1.6	A	QUALIFICATION DATA	Carolina Insulation Contrac	10/10/2023	10/10/2023	10/25/2026	13/5/2023	Approved									
78100	APPLIED FIREPROOFING	1.6	B	PRODUCT CERTIFICATES	Carolina Insulation Contrac	10/10/2023	10/10/2023	10/25/2027	14/5/2023	Approved									
78100	APPLIED FIREPROOFING	1.6	C	EVALUATION REPORTS	Carolina Insulation Contrac	10/10/2023	10/10/2023	10/25/2028	15/5/2023	Approved									
78100	APPLIED FIREPROOFING	1.6	D	PRECONSTRUCTION TEST REPORTS	Carolina Insulation Contractors														
78100	APPLIED FIREPROOFING	1.6	E	FIELD QUALITY CONTROL REPORTS	Carolina Insulation Contractors														
78413	PENETRATION FIRESTOPPING	1.4	A	PRODUCT DATA	Carolina Insulation Contrac	12/6/2023	12/8/2023	12/18/2023	12/19/2023	Approved									
78413	PENETRATION FIRESTOPPING	1.4	B	PRODUCT SCHEDULE	Carolina Insulation Contrac	12/6/2023	12/8/2023	12/18/2023	12/19/2023	Approved									Included in Product Data
78413	PENETRATION FIRESTOPPING	1.5	A	QUALIFICATION DATA	Carolina Insulation Contrac	12/6/2023	12/8/2023	12/18/2023	12/19/2023	Approved									
78413	PENETRATION FIRESTOPPING	1.5	B	PRODUCT TEST REPORTS	Carolina Insulation Contractors														
78413	PENETRATION FIRESTOPPING	1.6	A	INSTALLER CERTIFICATES - CLOSEOUT	Carolina Insulation Contractors														
78443	JOINT FIRESTOPPING	1.4	A	PRODUCT DATA	Carolina Insulation Contrac	12/6/2023	12/8/2023	12/18/2023	12/19/2023	Approved									
78443	JOINT FIRESTOPPING	1.4	B	PRODUCT SCHEDULE	Carolina Insulation Contrac	12/6/2023	12/8/2023	12/18/2023	12/19/2023	Approved									Included in Product Data
78443	JOINT FIRESTOPPING	1.5	A	QUALIFICATION DATA	Carolina Insulation Contrac	12/6/2023	12/8/2023	12/18/2023	12/19/2023	Approved									
78443	JOINT FIRESTOPPING	1.5	B	PRODUCT TEST REPORTS	Carolina Insulation Contractors														
78443	JOINT FIRESTOPPING	1.6	A	INSTALLER CERTIFICATES - CLOSEOUT	Carolina Insulation Contractors														
79200	JOINT SEALANTS	1.3	A	PRODUCT DATA	Collins & Wright	10/31/2023	11/6/2023	12/14/2023	12/18/2023	Approved									
79200	JOINT SEALANTS	1.3	B	SAMPLES	Collins & Wright														
79200	JOINT SEALANTS	1.3	C	JOINT-SEALANT SCHEDULE	Collins & Wright	10/31/2023	11/6/2023	12/14/2023	12/18/2023	Approved									Included in Product Data
79200	JOINT SEALANTS	1.4	A	QUALIFICATION DATA	Collins & Wright	12/15/2023				Approved									Included in 72419 1.6A
79200	JOINT SEALANTS	1.4	B	PRODUCT TEST REPORTS	Collins & Wright														
79200	JOINT SEALANTS	1.7	A	SPECIAL INSTALLER'S WARRANTY	Collins & Wright														
79200	JOINT SEALANTS	1.7	B	SPECIAL MANUFACTURER'S WARRANTY	Collins & Wright														
79513.13	INTERIOR EXPANSION JOINT COVER ASSEMBLIES	1.2	A	PRODUCT DATA	Carolina Insulation Contrac	1/9/2024	1/9/2024	2/14/2024	2/14/2024	Approved									
79513.13	INTERIOR EXPANSION JOINT COVER ASSEMBLIES	1.2	B	SHOP DRAWINGS	Carolina Insulation Contractors														
79513.13	INTERIOR EXPANSION JOINT COVER ASSEMBLIES	1.2	C	SAMPLES FOR INITIAL SELECTION	Carolina Insulation Contractors														
79513.13	INTERIOR EXPANSION JOINT COVER ASSEMBLIES	1.2	D	SAMPLES FOR VERIFICATION	Carolina Insulation Contractors														
79513.13	INTERIOR EXPANSION JOINT COVER ASSEMBLIES	1.2	E	EXPANSION JOINT COVER ASSEMBLY SCHEDULE	Carolina Insulation Contractors														
79513.13	INTERIOR EXPANSION JOINT COVER ASSEMBLIES	1.3	A	PRODUCT TEST REPORTS	Carolina Insulation Contractors														
81113	HOLLOW METAL DOORS AND FRAMES	1.6	A	PRODUCT DATA	Cook & Boardman	10/5/2023	10/5/2023	10/19/2023	10/24/2023	Approved As Noted									
81113	HOLLOW METAL DOORS AND FRAMES	1.6	B	SHOP DRAWINGS	Cook & Boardman	10/5/2023	10/5/2023	10/19/2023	10/24/2023	Approved As Noted									
81113	HOLLOW METAL DOORS AND FRAMES	1.6	C	PRODUCT SCHEDULE	Cook & Boardman	10/5/2023	10/5/2023	10/19/2023	10/24/2023	Approved As Noted									
81113	HOLLOW METAL DOORS AND FRAMES	1.7	A	RECORD DOCUMENTS	Cook & Boardman														
81216	INTERIOR ALUMINUM FRAMES	2.2	A	PRODUCT DATA	Palmetto State Glass	11/1/2023	11/1/2023	11/15/2023	11/15/2023	Approved As Noted									
81216	INTERIOR ALUMINUM FRAMES	2.2	B	SHOP DRAWINGS	Palmetto State Glass	11/1/2023	11/1/2023	11/15/2023	11/15/2023	Approved As Noted									
81216	INTERIOR ALUMINUM FRAMES	2.2	C	SAMPLES FOR VERIFICATION	Palmetto State Glass														
81416	FLUSH WOOD DOORS	1.4	A	PRODUCT DATA	Cook & Boardman	10/5/2023	10/5/2023	10/19/2023	10/24/2023	Approved As Noted									

81416	FLUSH WOOD DOORS	1.4	B	SHOP DRAWINGS	Cook & Boardman	10/5/2023	10/5/2023	10/19/2023	10/24/2023	Approved As Noted	
81416	FLUSH WOOD DOORS	1.4	C	SAMPLES FOR VERIFICATION	Cook & Boardman						
81416	FLUSH WOOD DOORS	1.5	A	FIELD QUALITY CONTROL REPORTS	Cook & Boardman						
81416	FLUSH WOOD DOORS	1.5	B	SAMPLE WARRANTY	Cook & Boardman						
81416	FLUSH WOOD DOORS	1.6	A	SPECIAL WARRANTIES - CLOSEOUT	Cook & Boardman						
81416	FLUSH WOOD DOORS	1.9	A	SPECIAL WARRANTY - CLOSEOUT	Cook & Boardman						
83113	ACCESS DOORS AND FRAMES	1.2	A	PRODUCT DATA	Collins & Wright	N/A					None on job
83113	ACCESS DOORS AND FRAMES	1.2	B	SAMPLES	Collins & Wright	N/A					None on job
83113	ACCESS DOORS AND FRAMES	1.2	C	PRODUCT SCHEDULE	Collins & Wright	N/A					None on job
83453	BULLET RESISTANT DOORS AND FRAMES	1.6	A	PRODUCT DATA	Cook & Boardman	11/1/2023	12/14/2023	1/10/2024	1/15/2024	Approved	
83453	BULLET RESISTANT DOORS AND FRAMES	1.6	B	SHOP DRAWINGS	Cook & Boardman	11/1/2023	12/14/2024	1/10/2024	1/15/2024	Approved	
83453	BULLET RESISTANT DOORS AND FRAMES	1.6	C	SAMPLES FOR VERIFICATION	Cook & Boardman						
83453	BULLET RESISTANT DOORS AND FRAMES	1.7	A	QUALIFICATION DATA: FOR INSTALLER	Cook & Boardman						
83453	BULLET RESISTANT DOORS AND FRAMES	1.7	B	WELDING CERTIFICATES	Cook & Boardman	N/A					For installer, cannot be provided by C&B
83453	BULLET RESISTANT DOORS AND FRAMES	1.7	C	PRODUCT TEST REPORTS	Cook & Boardman						Only needed for structural frames
83453	BULLET RESISTANT DOORS AND FRAMES	1.7	D	EXAMINATION REPORTS, DOCUMENTING INSPECTION OF	Cook & Boardman						
83453	BULLET RESISTANT DOORS AND FRAMES	1.7	E	ANCHOR INSPECTION REPORTS, DOCUMENTING INSPECTIONS	Cook & Boardman						
83453	BULLET RESISTANT DOORS AND FRAMES	1.7	F	FIELD QUALITY CONTROL REPORTS, DOCUMENTING	Cook & Boardman						
83453	BULLET RESISTANT DOORS AND FRAMES	1.8	A.1	SECURITY FASTENERS	Cook & Boardman						
83453	BULLET RESISTANT DOORS AND FRAMES	1.8	A.2	TOOLS	Cook & Boardman						
83453.1	BULLET RESISTANT DOORS AND FRAMES			PRODUCT DATA	Palmetto State Glass	2/5/2024	4/17/2024	5/22/2024	5/22/2024	Approved	
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.2	A	PRODUCT DATA	Palmetto State Glass	11/1/2023	11/1/2023	11/16/2023	11/16/2023	Approved As Noted	
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.2	B	SHOP DRAWINGS	Palmetto State Glass	11/1/2023	11/1/2023	11/16/2023	11/16/2023	Approved As Noted	
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.2	C	SAMPLES FOR VERIFICATION	Palmetto State Glass						
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.2	D	FABRICATION SAMPLE	Palmetto State Glass						
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.2	E	ENTRANCE DOOR HARDWARE SCHEDULE	Palmetto State Glass	11/1/2023	11/1/2023	11/16/2023	11/16/2023	Approved As Noted	Included in Product Data
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.2	F	DELEGATED DESIGN SUBMITTAL	Palmetto State Glass	2/5/2024	4/19/2024	5/22/2024	5/22/2024	Approved	
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.3	A	TEST AND EVALUATION REPORTS	Palmetto State Glass	11/1/2023	11/1/2023	11/16/2023	11/16/2023	Approved As Noted	Included in Product Data
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.3	B	QUALIFICATION STATEMENTS	Palmetto State Glass	2/5/2024	4/19/2024	5/22/2024	5/22/2024	Approved	
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.3	C	DELEGATED DESIGN ENGINEER QUALIFICATIONS	Palmetto State Glass	3/11/2024	4/19/2024	5/22/2024	5/22/2024	Approved	
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.3	D	SAMPLE WARRANTIES	Palmetto State Glass						
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.4	A	OPERATION AND MAINTENANCE DATA - CLOSEOUT	Palmetto State Glass						
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.6	A	SPECIAL WARRANTY - CLOSEOUT	Palmetto State Glass						
84113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	1.6	B	SPECIAL FINISH WARRANTY - CLOSEOUT	Palmetto State Glass						
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.4	A	PRODUCT DATA	Palmetto State Glass						
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.4	B	SHOP DRAWINGS	Palmetto State Glass	11/1/2023	11/1/2023	11/16/2023	11/16/2023	Approved As Noted	
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.4	C	SAMPLES FOR VERIFICATION	Palmetto State Glass						
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.4	D	DELEGATED DESIGN SUBMITTAL	Palmetto State Glass	N/A					USBP says product not subject to calculations
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.5	A	QUALIFICATION DATA	Palmetto State Glass	2/5/2024	4/19/2024	5/22/2024	5/22/2024	Approved	
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.5	B	PRODUCT TEST REPORTS	Palmetto State Glass	1/17/2024	4/19/2024	5/22/2024	5/22/2024	Approved	
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.5	C	QUALITY CONTROL PROGRAM	Palmetto State Glass						
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.5	D	SOURCE QUALITY CONTROL REPORTS	Palmetto State Glass						
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.5	E	FIELD QUALITY CONTROL REPORTS	Palmetto State Glass						
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.5	F	SAMPLE WARRANTIES	Palmetto State Glass	11/1/2023	11/1/2023	11/16/2023	11/16/2023	Approved As Noted	
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.6	A	MAINTENANCE DATA	Palmetto State Glass	11/1/2023	11/1/2023	11/16/2023	11/16/2023	Approved As Noted	
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.6	B	MAINTENANCE DATA FOR STRUCTURAL SEALANT - CLOSEOUT	Palmetto State Glass						
84114	BULLET-RESISTANT ALUMINUM FRAMING	1.8	A	SPECIAL WARRANTY - CLOSEOUT	Palmetto State Glass						
85653	SECURITY WINDOWS	1.4	A	PRODUCT DATA	Palmetto State Glass	11/1/2023	11/2/2023				Not on this project
85653	SECURITY WINDOWS	1.4	B	SHOP DRAWINGS	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.4	C	SAMPLES FOR INITIAL SELECTION	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.4	D	SAMPLES FOR VERIFICATION	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.4	E	CUTAWAY SAMPLE	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.4	F	DELEGATED DESIGN SUBMITTAL	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.5	A	QUALIFICATION DATA	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.5	B	WELDING CERTIFICATES	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.5	C	PRODUCT TEST REPORTS	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.5	D	CONFIGURATION DISCLOSURE DRAWING	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.5	E	EXAMINATION REPORTS, DOCUMENTING INSPECTION OF	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.5	F	ANCHOR INSPECTION REPORTS, DOCUMENTING INSPECTIONS	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.5	G	FIELD QUALITY CONTROL REPORTS DOCUMENTING	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.5	H	SAMPLE WARRANTY	Palmetto State Glass						Not on this project
85653	SECURITY WINDOWS	1.10	A	SPECIAL WARRANTY	Palmetto State Glass						Not on this project
87100	DOOR HARDWARE	1.2	A	QUALIFICATION DATA FOR SUPPLIER AND INSTALLER	Cook & Boardman	2/12/2024					

87100	DOOR HARDWARE	1.2	B	PRODUCT TEST REPORTS	Cook & Boardman	10-Oct	10-Oct	10/25/2023	10/25/2023	Approved As Noted	
87100	DOOR HARDWARE	1.2	C	PRODUCT DATA	Cook & Boardman	10-Oct	10-Oct	10/25/2024	10/25/2024	Approved As Noted	
87100	DOOR HARDWARE	1.2	D	DOOR HARDWARE SCHEDULE	Cook & Boardman	10-Oct	10-Oct	10/25/2025	10/25/2025	Approved As Noted	
87100	DOOR HARDWARE	2.1	A	HARDWARE	Cook & Boardman	1/23/2024	3/22/2024				n/a
87113	POWER DOOR OPERATORS	1.5	A	PRODUCT DATA		N/A					None on job
87113	POWER DOOR OPERATORS	1.5	B	SHOP DRAWINGS		N/A					None on job
87113	POWER DOOR OPERATORS	1.5	C	SAMPLES		N/A					None on job
87113	POWER DOOR OPERATORS	1.6	A	QUALIFICATION DATA		N/A					None on job
87113	POWER DOOR OPERATORS	1.6	B	PRODUCT CERTIFICATES		N/A					None on job
87113	POWER DOOR OPERATORS	1.6	C	FIELD QUALITY CONTROL REPORTS		N/A					None on job
87113	POWER DOOR OPERATORS	1.6	D	SAMPLE WARRANTIES		N/A					None on job
87113	POWER DOOR OPERATORS	1.7	A	MAINTENANCE DATA		N/A					None on job
87113	POWER DOOR OPERATORS	1.9	A	SPECIAL WARRANTY		N/A					None on job
88000	GLAZING	1.5	A	PRODUCT DATA	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.5	B	GLASS SAMPLES	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.5	C	GLAZING ACCESSORY SAMPLES	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.5	D	GLAZING SCHEDULE	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.5	E	DELEGATED DESIGN SUBMITTAL	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.6	A	QUALIFICATION DATA	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.6	B	PRODUCT CERTIFICATES	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.6	C	PRODUCT TEST REPORTS	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.6	D	PRECONSTRUCTION ADHESION AND COMPATIBILITY TEST	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.6	E	SAMPLE WARRANTIES	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.10	A	MANUFACTURER'S SPECIAL WARRANTY FOR COATED-GLASS	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.10	B	MANUFACTURER'S SPECIAL WARRANTY FOR LAMINATED GLASS	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.10	C	MANUFACTURER'S SPECIAL WARRANTY FOR INSULATING GLASS	Palmetto State Glass						Security Glazing 88853
88000	GLAZING	1.10	D	MANUFACTURER'S SPECIAL WARRANTY FOR HEAT SOAKED	Palmetto State Glass						Security Glazing 88853
88700	SECURITY WINDOW FILM	1.2	A	PRODUCT DATA	Latitude 33	6/21/2024	7/15/2024				Not using
88700	SECURITY WINDOW FILM	1.2	B	SAMPLES	Latitude 33	6/27/2024	7/16/2024				Not using
88700	SECURITY WINDOW FILM	1.2	C	PRODUCT SCHEDULE	Latitude 33						Not using
88700	SECURITY WINDOW FILM	1.3	A	MAINTENANCE DATA - CLOSEOUT	Latitude 33						Not using
88853	SECURITY GLAZING	1.5	A	PRODUCT DATA	Palmetto State Glass	11/1/2023	11/2/2023	11/16/2023	11/16/2023	Approved	
88853	SECURITY GLAZING	1.5	B	SAMPLES FOR VERIFICATION	Palmetto State Glass						samples dropped off
88853	SECURITY GLAZING	1.5	C	SECURITY GLAZING SCHEDULE	Palmetto State Glass	11/1/2023	11/2/2023	11/16/2023	11/16/2023	Approved	Included in Product Data
88853	SECURITY GLAZING	1.5	D	DELEGATED DESIGN SUBMITTAL	Palmetto State Glass	N/A					USBP says product not subject to calculations
88853	SECURITY GLAZING	1.6	A	TEST AND EVALUATION REPORTS	Palmetto State Glass	12/18/2023	4/19/2024	5/22/2024	5/22/2024	Approved	
88853	SECURITY GLAZING	1.6	B	QUALIFICATION STATEMENTS	Palmetto State Glass	2/5/2024	4/19/2024	5/22/2024	5/22/2024	Approved	
88853	SECURITY GLAZING	1.6	C	DELEGATED DESIGN ENGINEER QUALIFICATIONS	Palmetto State Glass	N/A					
88853	SECURITY GLAZING	1.6	D	SAMPLE WARRANTIES	Palmetto State Glass	11/1/2023	11/2/2023	11/16/2023	11/16/2023	Approved	
88853	SECURITY GLAZING	1.7		QUALITY ASSURANCE	Palmetto State Glass						
88853	SECURITY GLAZING	1.11	A	SPECIAL WARRANTY COATED GLASS	Palmetto State Glass						
88853	SECURITY GLAZING	1.11	B	SPECIAL WARRANTY LAMINATED GLASS SECURITY GLAZING	Palmetto State Glass						
88853	SECURITY GLAZING	1.11	C	SPECIAL WARRANTY MONOLITHIC POLYCARBONATE SECURITY	Palmetto State Glass						
88853	SECURITY GLAZING	1.11	D	SPECIAL WARRANTY LAMINATED POLYCARBONATE SECURITY	Palmetto State Glass						
88853	SECURITY GLAZING	1.11	E	SPECIAL WARRANTY GLASS CLAD POLYCARBONATE SECURITY	Palmetto State Glass						
88853	SECURITY GLAZING	1.11	F	SPECIAL WARRANTY INSULATING SECURITY GLAZING	Palmetto State Glass						
89119	FIXED LOUVERS	1.3	A	PRODUCT DATA	Walker White	N/A					None on job
89119	FIXED LOUVERS	1.3	B	SHOP DRAWINGS	Walker White	N/A					None on job
89119	FIXED LOUVERS	1.3	C	SAMPLES	Walker White	N/A					None on job
89119	FIXED LOUVERS	1.3	D	DELEGATED DESIGN SUBMITTAL	Walker White	N/A					None on job
89119	FIXED LOUVERS	1.4	A	PRODUCT TEST REPORTS	Walker White	N/A					None on job
89119	FIXED LOUVERS	1.4	B	SAMPLE WARRANTIES	Walker White	N/A					None on job
89119	FIXED LOUVERS	1.7	A	SPECIAL FINISH WARRANTY	Walker White	N/A					None on job
92216	NON-STRUCTURAL METAL FRAMING	1.3	A	PRODUCT DATA	Collins & Wright	10/19/2023	10/19/2023	11/8/2023	11/8/2023	Approved	
92216	NON-STRUCTURAL METAL FRAMING	1.4	A	PRODUCT CERTIFICATES	Collins & Wright	10/19/2023	10/19/2023	11/8/2023	11/8/2023	Approved	
92216	NON-STRUCTURAL METAL FRAMING	1.4	B	EVALUATION REPORTS	Collins & Wright	10/19/2023	10/19/2023	11/8/2023	11/8/2023	Approved	
92900	GYPSON BOARD	1.2	A	PRODUCT DATA	Collins & Wright	10/19/2023	10/19/2023	11/8/2023	11/8/2023	Approved	
92900	GYPSON BOARD	1.2	B	SHOP DRAWINGS	Collins & Wright	10/19/2023	10/19/2023	11/8/2023	11/8/2023	Approved	
92900	GYPSON BOARD	1.2	C	SAMPLES	Collins & Wright	10/19/2023	10/19/2023	11/8/2023	11/8/2023	Approved	
92900	GYPSON BOARD	1.2	D	SAMPLES FOR INITIAL SELECTION	Collins & Wright	10/19/2023	10/19/2023	11/8/2023	11/8/2023	Approved	
92900	GYPSON BOARD	1.2	E	SAMPLES FOR VERIFICATION	Collins & Wright	10/19/2023	10/19/2023	11/8/2023	11/8/2023	Approved	

93013	CERAMIC TILING	1.4	A	PRODUCT DATA	Bonitz	2/6/2024	4/10/2024	5/15/2024	5/15/2024	Approved As Noted	Resubmitted product data for alternate 5/17 CH
93013	CERAMIC TILING	1.4	B	SHOP DRAWINGS	Bonitz	4/2/2024	4/10/2024	5/15/2024	5/15/2024	Approved	
93013	CERAMIC TILING	1.4	C	SAMPLES FOR INITIAL SELECTION	Bonitz	4/10/2024	4/11/2024			Approved	Neal says he is dropping off 2/8 -
93013	CERAMIC TILING	1.4	D	SAMPLES FOR VERIFICATION	Bonitz	4/10/2024	4/11/2024			Approved	Neal says he is dropping off 2/9 - Dropped off
93013	CERAMIC TILING	1.5	A	QUALIFICATION DATA	Bonitz						
93013	CERAMIC TILING	1.5	B	MASTER GRADE CERTIFICATES	Bonitz						
93013	CERAMIC TILING	1.5	C	PRODUCT CERTIFICATES	Bonitz						
93013	CERAMIC TILING	1.5	D	PRODUCT TEST REPORTS	Bonitz	2/6/2024	4/10/2024	5/15/2024	5/15/2024	Approved	Included in Grout
93013	CERAMIC TILING	1.6	A.1	GROUT	Bonitz	2/6/2024	4/10/2024	5/15/2024	5/15/2024	Approved	
95113	ACOUSTICAL PANEL CEILINGS	1.4	A	PRODUCT DATA	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved	
95113	ACOUSTICAL PANEL CEILINGS	1.4	B	SAMPLES	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.4	C	SAMPLES FOR INITIAL SELECTION	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.4	D	SAMPLES FOR VERIFICATION	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.4	E	DELEGATED DESIGN SUBMITTAL	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.5	A	COORDINATION DRAWINGS	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.5	B	QUALIFICATION DATA	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.5	C	PRODUCT TEST REPORTS	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.5	D	EVALUATION REPORTS	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.5	E	FIELD QUALITY CONTROL REPORTS	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.6	A	MAINTENANCE DATA	Collins & Wright						
95113	ACOUSTICAL PANEL CEILINGS	1.7	A.1	ACOUSTICAL CEILING UNITS	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved	Included in Product Data
95113	ACOUSTICAL PANEL CEILINGS	1.7	A.2	SUSPENSION SYSTEM COMPONENTS	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved	Included in Product Data
95113	ACOUSTICAL PANEL CEILINGS	1.7	A.3	HOLD DOWN CLIPS	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved	Included in Product Data; Beam End Retaining
95113	ACOUSTICAL PANEL CEILINGS	1.7	A.4	IMPACT CLIPS	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved	Included in Product Data; Beam End Retaining
96513	RESILIENT BASE AND ACCESSORIES	1.3	A	PRODUCT DATA	FloorCo	8/1/2023	9/14/2023	9/27/2023	9/27/2023	Approved As Noted	
96513	RESILIENT BASE AND ACCESSORIES	1.3	B	SAMPLES FOR INITIAL SELECTION	FloorCo	8/1/2023	9/14/2023	9/27/2024	9/27/2024	Approved As Noted	
96513	RESILIENT BASE AND ACCESSORIES	1.3	C	SAMPLES FOR VERIFICATION	FloorCo	8/1/2023	9/14/2023	9/27/2025	9/27/2025	Approved As Noted	
96513	RESILIENT BASE AND ACCESSORIES	1.3	D	PRODUCT SCHEDULE	FloorCo						Included in Product Data
96513	RESILIENT BASE AND ACCESSORIES	1.4	A	FURNISH EXTRA MATERIALS, FROM THE SAME PRODUCT RUN,	FloorCo	N/A					
96519	RESILIENT TILE FLOORING	1.3	A	PRODUCT DATA	FloorCo	8/1/2023	9/14/2023	9/27/2023	9/27/2023	Approved	
96519	RESILIENT TILE FLOORING	1.3	B	SHOP DRAWINGS	FloorCo	8/1/2023	9/14/2023	9/27/2024	9/27/2024	Approved	
96519	RESILIENT TILE FLOORING	1.3	C	SAMPLES	FloorCo	8/1/2023	9/14/2023	9/27/2025	9/27/2025	Approved	
96519	RESILIENT TILE FLOORING	1.3	D	PRODUCT SCHEDULE	FloorCo						Included in Product Data
96519	RESILIENT TILE FLOORING	1.4	A	QUALIFICATION DATA	FloorCo	1/11/2024	1/29/2024	2/19/2024	2/19/2024	Approved	
96519	RESILIENT TILE FLOORING	1.5	A	MAINTENANCE DATA - CLOSEOUT	FloorCo	1/11/2024					
96519	RESILIENT TILE FLOORING	1.6	A.1	FLOOR TILE	FloorCo						Included in Product Data
96536	STATIC CONTROL RESILIENT FLOORING	1.4	A	PRODUCT DATA	FloorCo	8/1/2023	9/14/2023	9/27/2023	9/27/2023	Approved	
96536	STATIC CONTROL RESILIENT FLOORING	1.4	B	SHOP DRAWINGS	FloorCo	8/1/2023	9/14/2023	9/27/2024	9/27/2024	Approved	
96536	STATIC CONTROL RESILIENT FLOORING	1.4	C	SAMPLES	FloorCo	8/1/2023	9/14/2023	9/27/2025	9/27/2025	Approved	
96536	STATIC CONTROL RESILIENT FLOORING	1.4	D	PRODUCT SCHEDULE	FloorCo						Included in Product Data
96536	STATIC CONTROL RESILIENT FLOORING	1.5	A	QUALIFICATION DATA	FloorCo	12/13/2023	1/29/2024	2/19/2024	2/19/2024	Approved	
96536	STATIC CONTROL RESILIENT FLOORING	1.5	B	PRODUCT TEST REPORTS	FloorCo						
96536	STATIC CONTROL RESILIENT FLOORING	1.5	C	FIELD QUALITY CONTROL REPORTS	FloorCo						
96536	STATIC CONTROL RESILIENT FLOORING	1.6	A	MAINTENANCE DATA - CLOSEOUT	FloorCo	12/13/2023					
96536	STATIC CONTROL RESILIENT FLOORING	1.7	A.1	FLOOR TILE	FloorCo						Included in Product Data
96566	RESILIENT ATHLETIC FLOORING	1.2	A	PRODUCT DATA	FloorCo	8/1/2023	9/14/2023	9/27/2023	9/27/2023	Approved	
96566	RESILIENT ATHLETIC FLOORING	1.2	B	SHOP DRAWINGS	FloorCo	8/1/2023	9/14/2023	9/27/2024	9/27/2024	Approved	
96566	RESILIENT ATHLETIC FLOORING	1.2	C	SAMPLES FOR INITIAL SELECTION	FloorCo	8/1/2023	9/14/2023	9/27/2025	9/27/2025	Approved	
96566	RESILIENT ATHLETIC FLOORING	1.3	A	QUALIFICATION DATA	FloorCo	1/11/2024	1/29/2024	2/19/2024	2/19/2024	Approved	
96566	RESILIENT ATHLETIC FLOORING	1.4	A	MAINTENANCE DATA - CLOSEOUT	FloorCo	1/11/2024					
96566	RESILIENT ATHLETIC FLOORING	1.5	A.1	FLOOR TILE	FloorCo						Included in Product Data
96813	TILE CARPETING	1.4	A	PRODUCT DATA	FloorCo	8/1/2023	9/14/2023	9/27/2023	9/27/2023	Approved	
96813	TILE CARPETING		B	SHOP DRAWINGS	FloorCo	8/1/2023	9/14/2023	9/27/2024	9/27/2024	Approved	
96813	TILE CARPETING		C	SAMPLES FOR INITIAL SELECTION	FloorCo	8/1/2023	9/14/2023	9/27/2025	9/27/2025	Approved	
96813	TILE CARPETING		D	SAMPLES FOR VERIFICATION	FloorCo	8/1/2023	9/14/2023	9/27/2026	9/27/2026	Approved	
96813	TILE CARPETING		E	PRODUCT SCHEDULE	FloorCo						Included in Product Data
96813	TILE CARPETING	1.4	F	SUSTAINABLE PRODUCT CERTIFICATION	FloorCo	12/13/2023	1/29/2024	2/19/2024	2/19/2024	Approved	
96813	TILE CARPETING	1.5	A	QUALIFICATION DATA	FloorCo	1/15/2024	1/29/2024	2/19/2024	2/19/2024	Approved	
96813	TILE CARPETING		B	PRODUCT TEST REPORTS	FloorCo						
96813	TILE CARPETING		C	SAMPLE WARRANTY	FloorCo						
96813	TILE CARPETING	1.6	A.1	CARPET TILE	FloorCo						Included in Product Data
96813	TILE CARPETING	1.10	A	SPECIAL WARRANTY FOR CARPET TILES - CLOSEOUT	FloorCo						

97200	WALL COVERINGS	1.3	A	PRODUCT DATA	Platinum Coating of NC												
97200	WALL COVERINGS	1.3	B	SHOP DRAWINGS	Platinum Coating of NC												
97200	WALL COVERINGS	1.3	C	SAMPLES	Platinum Coating of NC												
97200	WALL COVERINGS	1.3	D	PRODUCT SCHEDULE	Platinum Coating of NC												
97200	WALL COVERINGS	1.4	A	QUALIFICATION DATA	Platinum Coating of NC												
97200	WALL COVERINGS	1.4	B	PRODUCT TEST REPORTS	Platinum Coating of NC												
97200	WALL COVERINGS	1.5	A	MAINTENANCE DATA	Platinum Coating of NC												
98433	SOUND ABSORBING WALL UNITS	1.5	A	PRODUCT DATA	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved							must provide info for remaining sub section
98433	SOUND ABSORBING WALL UNITS	1.5	B	SHOP DRAWINGS	Collins & Wright	2/19/2024	2/20/2024	3/14/2024	3/14/2024	Approved As Noted							
98433	SOUND ABSORBING WALL UNITS	1.5	C	SAMPLES FOR INITIAL SELECTION	Collins & Wright												
98433	SOUND ABSORBING WALL UNITS	1.5	D	SAMPLES FOR VERIFICATION	Collins & Wright												
98433	SOUND ABSORBING WALL UNITS	1.6	A	COORDINATION DRAWINGS	Collins & Wright												
98433	SOUND ABSORBING WALL UNITS	1.6	B	PRODUCT CERTIFICATES	Collins & Wright												
98433	SOUND ABSORBING WALL UNITS	1.6	C	SAMPLE WARRANTY	Collins & Wright												
98433	SOUND ABSORBING WALL UNITS	1.7	A	MAINTENANCE DATA - CLOSEOUT	Collins & Wright	1/8/2024											
98433	SOUND ABSORBING WALL UNITS	1.8	A.1	FABRIC	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved							Included in Product Data
98433	SOUND ABSORBING WALL UNITS	1.8	A.2	MOUNTING DEVICES	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved							Included in Product Data
98433	SOUND ABSORBING WALL UNITS	1.12	A	SPECIAL WARRANTY - CLOSEOUT	Collins & Wright												
98436	SOUND ABSORBING CEILING UNITS	1.5	A	PRODUCT DATA	Collins & Wright	11/15/2023	11/27/2023	12/14/2023	12/18/2023	Approved							must provide info for remaining sub section
98436	SOUND ABSORBING CEILING UNITS	1.5	B	SHOP DRAWINGS	Collins & Wright												
98436	SOUND ABSORBING CEILING UNITS	1.5	C	SAMPLES FOR VERIFICATION	Collins & Wright												
98436	SOUND ABSORBING CEILING UNITS	1.6	A	COORDINATION DRAWINGS	Collins & Wright												
98436	SOUND ABSORBING CEILING UNITS	1.6	B	PRODUCT CERTIFICATES	Collins & Wright												
98436	SOUND ABSORBING CEILING UNITS	1.6	C	SAMPLE WARRANTY	Collins & Wright												
98436	SOUND ABSORBING CEILING UNITS	1.7	A	MAINTENANCE DATA - CLOSEOUT	Collins & Wright	1/8/2024											
98436	SOUND ABSORBING CEILING UNITS	1.8	A.1	FABRIC	Collins & Wright												
98436	SOUND ABSORBING CEILING UNITS	1.8	A.2	MOUNTING DEVICES	Collins & Wright												
98436	SOUND ABSORBING CEILING UNITS	1.12	A	SPECIAL WARRANTY - CLOSEOUT	Collins & Wright												
99113	EXTERIOR PAINTING	1.4	A	PRODUCT DATA	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2023	10/23/2023	Approved							
99113	EXTERIOR PAINTING	1.4	B	SAMPLES FOR INITIAL SELECTION	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2023	10/23/2023	Approved							
99113	EXTERIOR PAINTING	1.4	C	SAMPLES FOR VERIFICATION	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2023	10/23/2023	Approved							
99113	EXTERIOR PAINTING	1.4	D	PRODUCT LIST	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2023	10/23/2023	Approved							
99123	INTERIOR PAINTING	1.2	A	PRODUCT DATA	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2023	10/23/2023	Approved As Noted							
99123	INTERIOR PAINTING	1.2	B	SAMPLES FOR VERIFICATION	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2023	10/23/2023	Approved As Noted							
99123	INTERIOR PAINTING	1.2	C	PRODUCT SCHEDULE	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2023	10/23/2023	Approved As Noted							
99123	INTERIOR PAINTING	1.3	A	COATING MAINTENANCE MANUAL	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2023	10/23/2023	Approved As Noted							
99123	INTERIOR PAINTING	1.4	A.1	PAINT PRODUCTS	Platinum Coating of NC	9/19/2023	9/28/2023	10/20/2024	10/23/2024	Approved As Noted							
101100	VISUAL DISPLAY SURFACES	1.4	A	PRODUCT DATA	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved							
101100	VISUAL DISPLAY SURFACES	1.4	B	SHOP DRAWINGS	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved							
101100	VISUAL DISPLAY SURFACES	1.4	C	SAMPLES	New South Specialties												
101100	VISUAL DISPLAY SURFACES	1.4	D	PRODUCT TEST REPORTS	New South Specialties												
101100	VISUAL DISPLAY SURFACES	1.8	A	GENERAL WARRANTY - CLOSEOUT	New South Specialties												
101100	VISUAL DISPLAY SURFACES	1.8	B	SPECIAL WARRANTY FOR PORCELAIN ENAMEL FACE SHEETS	New South Specialties												
101400	SIGNAGE	1.4	A	PRODUCT DATA	A-B Sign Systems												
101400	SIGNAGE	1.4	B	SHOP DRAWINGS	A-B Sign Systems												
101400	SIGNAGE	1.4	C	SAMPLES FOR VERIFICATION	A-B Sign Systems	4/10/2024	4/11/2024										
101400	SIGNAGE	1.4	D	PRODUCT SCHEDULE	A-B Sign Systems	2/15/2024	2/15/2024	3/13/2024	3/14/2024	Revise & Resubmit							RR 2nd and 3rd floor for VR/DJJ
101400	SIGNAGE	1.5	A	QUALIFICATION DATA	A-B Sign Systems												
101400	SIGNAGE	1.5	B	SAMPLE WARRANTY	A-B Sign Systems												
101400	SIGNAGE	1.6	A	MAINTENANCE DATA - CLOSEOUT	A-B Sign Systems												
101400	SIGNAGE	1.9	A	SPECIAL WARRANTY -CLOSEOUT	A-B Sign Systems												
102113.17	PHENOLIC CORE TOILET COMPARTMENTS	1.3	A	PRODUCT DATA	New South Specialties	9/15/2023	10/6/2023	10/20/2023	10/20/2023	Approved As Noted							
102113.17	PHENOLIC CORE TOILET COMPARTMENTS	1.3	B	SHOP DRAWINGS	New South Specialties	9/15/2023	10/6/2023	10/20/2024	10/20/2024	Approved As Noted							
102113.17	PHENOLIC CORE TOILET COMPARTMENTS	1.3	C	SAMPLES FOR INITIAL SELECTION	New South Specialties												
102113.17	PHENOLIC CORE TOILET COMPARTMENTS	1.3	D	SAMPLES FOR VERIFICATION	New South Specialties												
102113.17	PHENOLIC CORE TOILET COMPARTMENTS	1.3	E	PRODUCT SCHEDULE	New South Specialties	9/15/2023	10/6/2023	10/20/2023	10/20/2023	Approved As Noted							Included in Product Data
102113.17	PHENOLIC CORE TOILET COMPARTMENTS	1.3	F	DELEGATED DESIGN SUBMITTAL	New South Specialties												
102113.17	PHENOLIC CORE TOILET COMPARTMENTS	1.4	A	OPERATION AND MAINTENANCE DATA	New South Specialties												
102113.17	PHENOLIC CORE TOILET COMPARTMENTS	1.5	A	EXTRA STOCK MATERIALS	New South Specialties												
102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.3	A	PRODUCT DATA	New South Specialties	9/15/2023	10/6/2023	10/20/2023	10/20/2023	Approved As Noted							
102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.3	B	SHOP DRAWINGS	New South Specialties	9/15/2023	10/6/2023	10/20/2024	10/20/2024	Approved As Noted							

102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.3	C	SAMPLES FOR INITIAL SELECTION	New South Specialties								
102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.3	D	SAMPLES FOR VERIFICATION	New South Specialties								
102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.3	E	DELEGATED DESIGN SUBMITTAL	New South Specialties								
102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.4	A	MATERIAL TEST REPORTS	New South Specialties	2/2/2024	2/20/2024	3/13/2024	3/19/2024	Approved			
102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.4	B	DELEGATED DESIGN ENGINEER QUALIFICATIONS	New South Specialties								
102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.5	A	OPERATION AND MAINTENANCE DATA - CLOSEOUT	New South Specialties								
102116.17	PHENOLIC CORE DRESSING COMPARTMENTS	1.6	A	EXTRA STOCK MATERIALS	New South Specialties								
102239	FOLDING PANEL PARTITIONS	1.4	A	PRODUCT DATA	McDonald Enterprises	9/13/2023	9/13/2023	10/5/2023	10/5/2023	Approved As Noted			
102239	FOLDING PANEL PARTITIONS	1.4	B	SHOP DRAWINGS	McDonald Enterprises	9/13/2023	9/13/2023	10/5/2023	10/5/2023	Approved As Noted			
102239	FOLDING PANEL PARTITIONS	1.4	C	SAMPLES FOR INITIAL SELECTION	McDonald Enterprises	9/13/2023	9/13/2023	10/5/2023	10/5/2023	Approved As Noted			
102239	FOLDING PANEL PARTITIONS	1.4	D	SAMPLES FOR VERIFICATION	McDonald Enterprises	9/13/2023	9/13/2023	10/5/2023	10/5/2023	Approved As Noted			
102239	FOLDING PANEL PARTITIONS	1.4	E	DELEGATED DESIGN SUBMITTAL	McDonald Enterprises	1/29/2024	1/30/2024	2/19/2024	2/19/2024	Approved			
102239	FOLDING PANEL PARTITIONS	1.5	A	COORDINATION DRAWINGS	McDonald Enterprises	N/A							
102239	FOLDING PANEL PARTITIONS	1.5	B	SETTING DRAWINGS	McDonald Enterprises	N/A							
102239	FOLDING PANEL PARTITIONS	1.5	C	QUALIFICATION DATA	McDonald Enterprises	1/29/2024	1/30/2024	2/19/2024	2/19/2024	Approved			
102239	FOLDING PANEL PARTITIONS	1.5	D	SEISMIC QUALIFICATION CERTIFICATES	McDonald Enterprises	1/29/2024	1/30/2024	2/19/2024	2/19/2024	Approved			
102239	FOLDING PANEL PARTITIONS	1.5	E	PRODUCT CERTIFICATES	McDonald Enterprises	N/A							
102239	FOLDING PANEL PARTITIONS	1.5	F	PRODUCT TEST REPORTS	McDonald Enterprises	1/29/2024	1/30/2024	2/19/2024	2/19/2024	Approved			
102239	FOLDING PANEL PARTITIONS	1.5	G	FIELD QUALITY CONTROL REPORTS	McDonald Enterprises	N/A							
102239	FOLDING PANEL PARTITIONS	1.5	H	SAMPLE WARRANTY	McDonald Enterprises								
102239	FOLDING PANEL PARTITIONS	1.6	A	OPERATION AND MAINTENANCE DATA - CLOSEOUT	McDonald Enterprises								
102239	FOLDING PANEL PARTITIONS	1.7	A.1	PANEL FINISH FACING MATERIAL	McDonald Enterprises								
102239	FOLDING PANEL PARTITIONS	1.10	A	SPECIAL WARRANTY - CLOSEOUT	McDonald Enterprises								
102600	WALL AND DOOR PROTECTION	1.3	A	PRODUCT DATA	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			
102600	WALL AND DOOR PROTECTION	1.3	B	SHOP DRAWINGS	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			
102600	WALL AND DOOR PROTECTION	1.3	C	SAMPLES FOR INITIAL SELECTION	New South Specialties								
102600	WALL AND DOOR PROTECTION	1.3	D	SAMPLES FOR VERIFICATION	New South Specialties								
102600	WALL AND DOOR PROTECTION	1.4	A	PRODUCT CERTIFICATES	New South Specialties								
102600	WALL AND DOOR PROTECTION	1.4	B	MATERIAL CERTIFICATES	New South Specialties	2/2/2024	2/20/2024	3/13/2024	3/19/2024	Approved			
102600	WALL AND DOOR PROTECTION	1.4	C	SAMPLE WARRANTY	New South Specialties								
102600	WALL AND DOOR PROTECTION	1.5	A	MAINTENANCE DATA - CLOSEOUT	New South Specialties								
102600	WALL AND DOOR PROTECTION	1.6	A.1	CORNER GUARD COVERS	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			Included in Product Data
102600	WALL AND DOOR PROTECTION	1.6	A.2	MOUNTING AND ACCESSORY COMPONENTS	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			Included in Product Data
102600	WALL AND DOOR PROTECTION	1.9	A	SPECIAL WARRANTY - CLOSEOUT	New South Specialties								
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.3	A	PRODUCT DATA	New South Specialties	9/15/2023	9/19/2023	10/6/2023	10/9/2023	Approved As Noted			
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.3	B	PRODUCT DATA SUBMITTALS	New South Specialties	9/15/2023	9/19/2023	10/6/2023	10/9/2023	Approved As Noted			
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.3	C	SAMPLES	New South Specialties								
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.3	D	PRODUCT SCHEDULE	New South Specialties	9/15/2023	9/19/2023	10/6/2023	10/9/2023	Approved As Noted			Included in Product Data
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.3	E	DELEGATED DESIGN SUBMITTAL	New South Specialties								
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.4	A	SAMPLE WARRANTY - CLOSEOUT	New South Specialties								
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.5	A	MAINTENANCE DATA - CLOSEOUT	New South Specialties								
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.6	A	MANUFACTURER'S SPECIAL WARRANTY FOR MIRRORS	New South Specialties								
102800	TOILET, BATH AND LAUNDRY ACCESSORIES	1.6	B	MANUFACTURER'S SPECIAL WARRANTY FOR HAND DRYERS	New South Specialties								
104413	FIRE PROTECTION CABINETS	1.3	A	PRODUCT DATA	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			
104413	FIRE PROTECTION CABINETS	1.3	B	SHOP DRAWINGS	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			
104413	FIRE PROTECTION CABINETS	1.3	C	SAMPLES FOR VERIFICATION	New South Specialties								
104413	FIRE PROTECTION CABINETS	1.3	D	PRODUCT SCHEDULE	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			Included in Product Data
104413	FIRE PROTECTION CABINETS	1.4	A	MAINTENANCE DATA - CLOSEOUT	New South Specialties								
104416	FIRE EXTINGUISHERS	1.3	A	PRODUCT DATA	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			
104416	FIRE EXTINGUISHERS	1.3	B	PRODUCT SCHEDULE	New South Specialties	9/15/2023	9/19/2023	10/5/2023	10/6/2023	Approved			
104416	FIRE EXTINGUISHERS	1.4	A	WARRANTY - CLOSEOUT	New South Specialties								
104416	FIRE EXTINGUISHERS	1.5	A	OPERATION AND MAINTENANCE DATA - CLOSEOUT	New South Specialties								
104416	FIRE EXTINGUISHERS	1.7	A	SPECIAL WARRANTY	New South Specialties								
105113	METAL LOCKERS	1.3	A	PRODUCT DATA	McDonald Enterprises	11/8/2023	12/12/2023	1/10/2024	1/10/2024	Approved As Noted			Need color samples
105113	METAL LOCKERS	1.3	B	SHOP DRAWINGS	McDonald Enterprises	11/8/2023	12/12/2023	1/10/2024	1/10/2024	Approved As Noted			
105113	METAL LOCKERS	1.3	C	SAMPLES	McDonald Enterprises	N/A							No Submittal
105113	METAL LOCKERS	1.3	D	SAMPLES FOR INITIAL SELECTION	McDonald Enterprises	N/A							No Submittal
105113	METAL LOCKERS	1.3	E	SAMPLES FOR VERIFICATION	McDonald Enterprises	N/A							No Submittal
105113	METAL LOCKERS	1.3	F	PRODUCT SCHEDULE	McDonald Enterprises	11/8/2023	12/12/2023	1/10/2024	1/10/2024	Approved As Noted			Included in Product Data
105113	METAL LOCKERS	1.4	A	QUALIFICATION DATA	McDonald Enterprises	1/29/2024	1/30/2024	2/19/2024	2/20/2024	Approved			
105113	METAL LOCKERS	1.4	B	SAMPLE WARRANTY	McDonald Enterprises								
105113	METAL LOCKERS	1.5	A	MAINTENANCE DATA - CLOSEOUT	McDonald Enterprises								
105113	METAL LOCKERS	1.6	A		McDonald Enterprises								

105113	METAL LOCKERS	1.10	A	SPECIAL WARRANTY	McDonald Enterprises								
107316	METAL CANOPIES	1.5	A	PRODUCT DATA	Ventilated Awnings	12/5/2023	12/13/2023	1/10/2024	1/10/2024	Revise & Resubmit	Included in Shop Drawings		
107316	METAL CANOPIES	1.5	B	SHOP DRAWINGS	Ventilated Awnings	12/5/2023	12/13/2023	1/10/2024	1/10/2024	Revise & Resubmit			
107316	METAL CANOPIES	1.5	C	SAMPLES FOR VERIFICATION	Ventilated Awnings	N/A					No Submittal		
107316	METAL CANOPIES	1.5	D	DELEGATED DESIGN SUBMITTAL	Ventilated Awnings								
107316	METAL CANOPIES	1.6	A	WARRANTY - CLOSEOUT	Ventilated Awnings								
107316	METAL CANOPIES	1.11	A	SPECIAL WARRANTY	Ventilated Awnings								
115213	PROJECTION SCREEN AND ACCESSORY SUPPORTS	1.3	A	PRODUCT DATA	Broadband Infrastructure	12/1/2023	12/15/2023	1/10/2024	1/10/2024		Under A/V equipment Division 27		
115213	PROJECTION SCREEN AND ACCESSORY SUPPORTS	1.3	B	SHOP DRAWINGS	Broadband Infrastructure								
115213	PROJECTION SCREEN AND ACCESSORY SUPPORTS	1.3	C	SAMPLES	Broadband Infrastructure	N/A					No Submittal		
115213	PROJECTION SCREEN AND ACCESSORY SUPPORTS	1.3	D	SAMPLES FOR INITIAL SELECTIONS	Broadband Infrastructure	N/A					No Submittal		
115213	PROJECTION SCREEN AND ACCESSORY SUPPORTS	1.3	E	SAMPLES FOR VERIFICATION	Broadband Infrastructure	N/A					No Submittal		
115213	PROJECTION SCREEN AND ACCESSORY SUPPORTS	1.3	F	PRODUCT SCHEDULE	Broadband Infrastructure	12/1/2023	12/15/2023	1/10/2024	1/10/2024		Included in Product Data		
115213	PROJECTION SCREEN AND ACCESSORY SUPPORTS	1.4	A	MAINTENANCE DATA	Broadband Infrastructure								
122413	ROLLER WINDOW SHADES	1.2	A	PRODUCT DATA	Atlantic FESP	12/4/2023	12/13/2023	1/10/2024	1/10/2024	Approved As Noted			
122413	ROLLER WINDOW SHADES	1.2	B	SHOP DRAWINGS	Atlantic FESP	12/4/2023	12/13/2023	1/10/2024	1/10/2024	Approved As Noted			
122413	ROLLER WINDOW SHADES	1.2	C	SAMPLES FOR INITIAL SELECTIONS	Atlantic FESP	12/6/2023	12/13/2023	1/10/2024	1/10/2024	Approved As Noted			
122413	ROLLER WINDOW SHADES	1.2	D	SAMPLES FOR VERIFICATION	Atlantic FESP	12/6/2023	12/13/2023	1/10/2024	1/10/2024	Approved As Noted			
122413	ROLLER WINDOW SHADES	1.2	E	PRODUCT SCHEDULE	Atlantic FESP	12/4/2023	12/13/2023	1/10/2024	1/10/2024	Approved As Noted	Included in Product Data		
122413	ROLLER WINDOW SHADES	1.3	A	QUALIFICATION DATA	Atlantic FESP	12/28/2023	1/30/2024	2/19/2024	2/20/2019	Approved			
122413	ROLLER WINDOW SHADES	1.3	B	PRODUCT CERTIFICATES	Atlantic FESP	12/12/2023	12/13/2023	1/10/2024	1/10/2024	Approved As Noted			
122413	ROLLER WINDOW SHADES	1.3	C	PRODUCT TEST REPORTS	Atlantic FESP	12/12/2023	12/13/2023	1/10/2024	1/10/2024	Approved As Noted			
122413	ROLLER WINDOW SHADES	1.4	A	OPERATION AND MAINTENANCE DATA - CLOSEOUT	Atlantic FESP								
123661.16	SOLID SURFACING COUNTERTOPS	1.2	A	PRODUCT DATA	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/18/2023	Approved			
123661.16	SOLID SURFACING COUNTERTOPS	1.2	B	SHOP DRAWINGS	Peralta Woodworks	11/30/2023	12/12/2023	1/10/2024	1/10/2024	Approved As Noted			
123661.16	SOLID SURFACING COUNTERTOPS	1.2	C	SAMPLES FOR INITIAL SELECTIONS	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/18/2023	Approved			
123661.16	SOLID SURFACING COUNTERTOPS	1.2	D	SAMPLES FOR VERIFICATION	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/18/2023	Approved			
123661.16	SOLID SURFACING COUNTERTOPS	1.3	A	QUALIFICATION DATA	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/18/2023	Approved			
123661.16	SOLID SURFACING COUNTERTOPS	1.4	A	MAINTENANCE DATA	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/18/2023	Approved			
123661.19	QUARTZ AGGLOMERATE COUNTERTOPS	1.2	A	PRODUCT DATA	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/19/2023	Approved			
123661.19	QUARTZ AGGLOMERATE COUNTERTOPS	1.2	B	SHOP DRAWINGS	Peralta Woodworks	11/30/2023	12/12/2023	1/10/2024	1/10/2024	Approved As Noted			
123661.19	QUARTZ AGGLOMERATE COUNTERTOPS	1.2	C	SAMPLES FOR INITIAL SELECTIONS	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/19/2023	Approved			
123661.19	QUARTZ AGGLOMERATE COUNTERTOPS	1.2	D	SAMPLES FOR VERIFICATION	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/19/2023	Approved			
123661.19	QUARTZ AGGLOMERATE COUNTERTOPS	1.3	A	QUALIFICATION DATA	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/19/2023	Approved			
123661.19	QUARTZ AGGLOMERATE COUNTERTOPS	1.4	A	MAINTENANCE DATA	Peralta Woodworks	10/26/2023	11/27/2023	12/18/2023	12/19/2023	Approved			
210548	VIBRATION AND SEISMIC CONTROLS FOR FIRE SUPPRESSION PIPING &	1.5	A	PRODUCT DATA	PASCO	1/2/2024	1/24/2024	2/5/2024	2/5/2024	Approved			
210548	VIBRATION AND SEISMIC CONTROLS FOR FIRE SUPPRESSION PIPING &	1.5	B	SUBMITTAL DRAWINGS	PASCO	1/2/2024	1/24/2024	2/5/2024	2/5/2024	Approved			
210553	IDENTIFICATION FOR FIRE SUPPRESSION PIPING AND EQUIPMENT	1.3	A	PRODUCT DATA	PASCO	9/28/2023	9/28/2023	11/20/2023	11/20/2023	Approved	Included in 211300 Product Data		
210553	IDENTIFICATION FOR FIRE SUPPRESSION PIPING AND EQUIPMENT	1.3	B	SAMPLES	PASCO								
210553	IDENTIFICATION FOR FIRE SUPPRESSION PIPING AND EQUIPMENT	1.3	C	EQUIPMENT LABEL SCHEDULE	PASCO	9/28/2023	9/28/2023	11/20/2023	11/20/2023	Approved	Included in 211300 Product Data		
211300	FIRE SUPPRESSION SPRINKLER SYSTEMS	1.5	A	PRODUCT DATA	PASCO	9/28/2023	9/28/2023	11/20/2023	11/20/2023	Approved As Noted	Resubmitted on 11/2/23 - received from architect for RR 11/15/23 / received from Arch. RR 11/20 / Resubmitted 7/17/24 CH / Resubmitted on 11/2/23 - received from architect for RR 11/15/23		
211300	FIRE SUPPRESSION SPRINKLER SYSTEMS	1.5	B	SHOP DRAWINGS	PASCO	9/28/2023	9/28/2023	11/20/2023	11/20/2023	Approved			
211300	FIRE SUPPRESSION SPRINKLER SYSTEMS	1.5	C	COORDINATION DRAWINGS	PASCO								
211300	FIRE SUPPRESSION SPRINKLER SYSTEMS	1.5	D	SPRINKLER PIPING DRAWINGS	PASCO	9/28/2023	9/28/2023	11/20/2023	11/20/2023	Approved	Resubmitted on 11/2/23 - received from architect for RR 11/15/23		
211300	FIRE SUPPRESSION SPRINKLER SYSTEMS	1.5	E	FIELD TEST REPORTS AND CERTIFICATES	PASCO						will receive post-installation		
211300	FIRE SUPPRESSION SPRINKLER SYSTEMS	1.5	F	FIELD QUALITY CONTROL REPORTS	PASCO						will receive post-installation		
211300	FIRE SUPPRESSION SPRINKLER SYSTEMS	1.5	G	OPERATION AND MAINTENANCE DATA - CLOSEOUT	PASCO								
212200	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	1.5			PASCO	11/14/2023	11/15/2023	11/17/2023	11/17/2023	Approved	Resubmitted 11/20/23 CH		
212301	NITROGEN GENERATION SYSTEM FOR FIRE PROTECTION SYSTEMS												
220517	SLEEVES, SEALS AND ESCUTCHEONS				Walker White								
220519	METERS AND GAUGES FOR PLUMBING PIPING				Walker White	1/22/2024	1/30/2024	2/5/2024	2/5/2024	Approved			
220523	GENERAL DUTY VALVES FOR PLUMBING PIPING - LEAD FREE	1.4	A	PRODUCT DATA	Walker White	8/14/2023	8/27/2023	8/29/2023	8/29/2023	Approved			
220529	HANGERS AND SUPPORTS FOR PLUMBING PIPING				Walker White	8/16/2023	8/27/2023	8/29/2023	9/5/2023	Approved			
220548	VIBRATION AND SEISMIC CONTROL FOR PLUMBING				Walker White	11/2/2023	11/6/2023	11/14/2023	11/15/2023	Approved			
220553	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT				Walker White	8/16/2023	12/7/2023	12/12/2023	12/12/2023	Approved			
220592	SYSTEM START UP			CLOSEOUT	Walker White								
220601	HYDRONIC SPECIALTIES				Walker White	8/14/2023	8/27/2023	8/29/2023	8/29/2023	Approved			
220719	PLUMBING PIPING INSULATION				Walker White	7/26/2023	8/8/2023	8/9/2023	8/10/2023	Approved			

221100	PLUMBING PIPING				Walker White	8/16/2023	8/27/2023	8/29/2023	8/29/2023	Approved	
221113	FACILITY WATER DISTRIBUTION PIPING	1.4	A		Walker White						site contractor
221113	FACILITY WATER DISTRIBUTION PIPING	1.4	B		Walker White						site contractor
221113	FACILITY WATER DISTRIBUTION PIPING	1.4	C		Walker White						site contractor
221113	FACILITY WATER DISTRIBUTION PIPING	1.4	D		Walker White						site contractor
221123	PLUMBING PUMPING SYSTEMS				Walker White	8/14/2023	8/27/2023	8/29/2023	9/5/2023	Approved As Noted	
221313	FACILITY SANITARY SEWERS	1.3	A		Walker White						site contractor
221313	FACILITY SANITARY SEWERS	1.3	B		Walker White						site contractor
221313	FACILITY SANITARY SEWERS	1.3	C		Walker White						site contractor
223300	ELECTRIC DOMESTIC WATER HEATERS	3.3	A		Walker White	8/14/2023	8/28/2023	8/29/2023	9/1/2023	Approved As Noted	
224011	PLUMBING ACCESSORIES (ROOF DRAINS)				Walker White	8/24/2023	8/27/2023	8/29/2023	9/1/2023	Approved As Noted	
224011	PLUMBING ACCESSORIES				Walker White	8/14/2023	12/7/2023	12/12/2023	12/12/2023	Approved As Noted	
224013	PLUMBING FIXTURES (GENERAL)				Walker White	8/14/2023	12/13/2023	1/4/2023	1/4/2023	Approved	
224100	PLUMBING FIXTURES (SINKS AND LAVATORIES)				Walker White	8/14/2023	8/28/2023	8/29/2023	9/1/2023	Approved As Noted	
224200	PLUMBING FIXTURES (SHOWERS)				Walker White	8/14/2023	8/28/2023	8/29/2023	9/1/2023	Approved	
224300	PLUMBING FIXTURES (WATER CLOSETS AND URINALS)				Walker White	8/14/2023	8/28/2023	8/29/2023	9/5/2023	Approved	
224400	PLUMBING FIXTURES (WATER FOUNTAIN AND WATER COOLERS)				Walker White	8/14/2023	8/28/2023	8/31/2023	9/1/2023	Approved	
230501	GENERAL HVAC REQUIREMENTS				Walker White	8/16/2023	12/7/2023	12/12/2023	12/12/2023	Approved	
230514	VARIABLE FREQUENCY DRIVES				Walker White	9/25/2023	9/25/2023	9/2/2023	9/3/2023	Approved As Noted	Included in 232123
230517	SLEEVES				Walker White	N/A					
230519	METERS AND GAUGES FOR HVAC PIPING				Walker White	1/22/2024	1/30/2024	2/1/2024	2/2/2024	Approved	
230520	METERS AND GAUGES FOR HVAC DUCT SYSTEMS				Walker White	N/A					
230523	GENERAL DUTY VALVES FOR HVAC PIPING				Walker White	1/22/2024	1/30/2024	2/1/2024	2/2/2024	Approved	
230529	HANGERS AND SUPPORTS FOR HVAC PIPING				Walker White	8/17/2023	8/17/2023	8/18/2023	8/22/2023	Approved As Noted	
230533	HEAT TRACING FOR HVAC PIPING				Walker White	10/2/2023	10/3/2023	10/4/2023	10/5/2023	Approved As Noted	
230548	SOUND, VIBRATION, AND SEISMIC CONTROL FOR HVAC				Walker White	11/2/2023	11/6/2023	11/17/2023	11/17/2023	Approved As Noted	Partial resubmit 11/17
230548	Seismic Chiller Rails HVAC				Walker White	11/6/2023	11/10/2023	11/15/2023	11/15/2023	Approved As Noted	
230553	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT				Walker White	1/22/2024	1/30/2023	2/1/2024	2/1/2024	Revise & Resubmit	Need submittal for equipment ID
230592	SYSTEM START UP				Walker White	N/A					
230593	TESTING, ADJUSTING AND BALANCING FOR HVAC				Walker White	1/25/2024	2/1/2024	2/7/2024	2/7/2024	Approved	
230601	HYDRONIC SPECIALTIES				Walker White	9/20/2023	9/20/2023	9/20/2023	9/21/2023	Approved As Noted	
230603	HVAC WATER TREATMENT				Walker White	8/14/2023	8/30/2023	8/30/2023	9/5/2023	Approved As Noted	
230700	HVAC INSULATION				Walker White						230713, 230716, 230719
230713	DUCT INSULATION				Walker White	9/15/2023	9/19/2023	9/20/2023	9/20/2023	Approved As Noted	
230716	HVAC EQUIPMENT INSULATION				Walker White	1/25/2024	2/1/2024	2/7/2024	2/7/2024	Approved	
230719	HVAC PIPING INSULATION				Walker White	7/26/2023	8/8/2023	8/14/2023	8/15/2023	Approved As Noted	
230900	INSTRUMENTATION AND CONTROLS FOR HVAC (GENERAL)				Walker White	11/21/2023	11/21/2023	12/12/2023	12/12/2023	Revise & Resubmit	resubmitted 2/20/2024 / returned RR 2/28/24 / resubmitted 7/15/2024 CH / returned RR
230900.01	CONTROLS FOR HVAC (DAMPERS AND VALVES)				Walker White	11/21/2023					Included in 230900
230900.02	CONTROLS FOR HVAC (FLOW MEASUREMENT)				Walker White	11/21/2023					Included in 230900
230904.05	BUILDING AUTOMATION CONTROL SYSTEM (NIAGARA)				Walker White	11/21/2023	11/21/2023	12/12/2023	12/12/2023		Included in 230900
230905	SMOKE DEVICES AND SYSTEMS				Walker White	10/31/2023	10/31/2023	11/17/2023	11/17/2023	Approved As Noted	Provided by electrical. Included in 283111
230993	SEQUENCE OF OPERATION (HVAC CONTROLS)				Walker White	11/21/2023					Included in 230900
230993.01	SEQUENCE OF OPERATION (CENTRAL AIR HANDLING EQUIPMENT)				Walker White	11/21/2023					Included in 230900
230993.02	SEQUENCE OF OPERATION (AIR HANDLING EQUIPMENT)				Walker White	11/21/2023					Included in 230900
230993.03	SEQUENCE OF OPERATION (HYDRONIC SYSTEMS)				Walker White	11/21/2023					Included in 230900
230993.04	SEQUENCE OF OPERATION (ELECTRIC HEATERS)				Walker White	11/21/2023					Included in 230900
230993.06	SEQUENCE OF OPERATION (SINGLE ZONE DX EQUIPMENT)				Walker White	11/21/2023					Included in 230900
230993.09	SEQUENCE OF OPERATION (VARIOUS SYSTEMS)				Walker White	11/21/2023					Included in 230900
232113	HVAC PIPING				Walker White	8/17/2023	8/18/2023	8/18/2023	8/22/2023	Approved As Noted	
232123	HYDRONIC PUMPS				Walker White	9/25/2023	9/25/2023	9/2/2023	9/3/2023	Approved As Noted	
233112	MECHANICAL DUCT				Walker White	1/22/2024	7/17/2024	7/18/2024	7/18/2024	Approved As Noted	
233113.1	METAL DUCT				Walker White	1/22/2024	7/17/2024	7/18/2024	7/18/2024	Approved As Noted	Included in 233112
233300	DUCT ACCESSORIES				Walker White	8/17/2023	8/17/2023	8/18/2023	8/22/2023	Approved As Noted	
233313	DAMPERS	3.1		Fire Damper	Walker White	9/25/2023	9/25/2023	10/2/2023	10/3/2023	Approved As Noted	
233346	FLEXIBLE DUCT				Walker White	1/22/2024	7/17/2024	7/18/2024	7/18/2024	Approved As Noted	
233400	HVAC FANS				Walker White	8/7	12/7/2023	12/10/2023	12/11/2023	Approved	resubmitted 2/15 CH approved 2/27/24
233600	AIR TERMINAL UNITS				Walker White	7/27/2023	8/8/2023	8/16/2023	8/16/2023	Approved As Noted	
233713	DIFFUSERS, REGISTERS AND GRILLES				Walker White	8/7/2023	12/7/2023	12/12/2023	12/12/2023	Approved As Noted	resubmitted on 1/3 CH
233723	HVAC GRAVITY VENTILATORS				Walker White	8/7/2023	12/7/2023	12/12/2023	12/12/2023	Approved As Noted	
234100	PARTICULATE AIR FILTRATION				Walker White						Included in 239007
236426	WATER CHILLERS (AIR COOLED)	3.1			Walker White	7/27/2023	8/8/2023	8/16/2023	8/16/2023	Approved As Noted	
236426	WATER CHILLERS (AIR COOLED)	3.5		WARRANTY CLOSEOUT	Walker White						
238123	COMPUTER ROOM AIR CONDITIONING				Walker White	7/25/2023	8/7/2023	9/6/2023	9/6/2023	Approved As Noted	Resubmitted on 10/18/2023
239001	HEAT TRANSFER (HYDRONIC)				Walker White	N/A					
239005	HEAT TRANSFER (ELECTRIC COOLING)				Walker White	7/31/2023	8/8/2023	8/18/2023	8/22/2023	Approved As Noted	
239005	HEAT TRANSFER (ELECTRIC COOLING)	3.2		WARRANTY - CLOSEOUT	Walker White						
239006	HEAT TRANSFER (ELECTRIC HEATERS)				Walker White	8/1/2023	8/8/2023	8/14/2023	8/15/2023	Approved As Noted	

239007	MODULAR AIR HANDLER	3.1			Walker White	8/28/2023	8/30/2023	8/30/2023	9/5/2023	Approved As Noted	Resubmitted on 10/10/23-resubmitted on 10/24/23 Resubmitted 3/4/2024 CH
260519	WIRE AND CABLE - BUILDING WIRE				H. A. Sack	9/7/2023	9/7/2023	9/14/2023	9/14/2023	Approved As Noted	
260526	GROUNDING				H. A. Sack						No submittal, 264113 includes grounding ring
260533	CONDUITS/RACEWAYS AND FITTINGS				H. A. Sack	9/11/2023	9/11/2023	9/14/2023	9/14/2023	Approved As Noted	
260535	ELECTRICAL BOXES (HAND HOLES)				H. A. Sack	9/8/2023	9/8/2023	9/14/2023	9/14/2023	Approved As Noted	
260535	ELECTRICAL BOXES (FLOOR BOXES)				H. A. Sack	10/2/2023	10/2/2023	10/4/2023	10/5/2023	Approved As Noted	
260536	CABLE TRAYS	1.3		PRODUCT DATA	H. A. Sack	9/18/2023	9/18/2023	9/19/2023	9/19/2023	Approved As Noted	
260548	SEISMIC SUPPORT OF ELECTRICAL EQUIPMENT	1.4			H. A. Sack	3/12/2024	3/12/2024	5/28/2024	5/28/2024	Approved	Resubmitted 5/10/24 CH Resubmitted 6/28/2024
260573	OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY AND ARC	1.3			H. A. Sack	11/20/2023	11/21/2023	1/10/2024	1/10/2024	Revise & Resubmit	
260923	AUTOMATIC LIGHTING CONTROL	1.3			H. A. Sack						Included in 265100 Lighting Control
262200	DRY TYPE TRANSFORMERS	1.4			H. A. Sack	8/22/2023	8/22/2023	8/25/2023	8/27/2023	Approved As Noted	
262314	ON-SITE POWER GENERATION CONTROL SYSTEM	1.3		SHOP DRAWINGS	H. A. Sack	9/6/2023	9/7/2023	9/14/2023	9/19/2023	Approved As Noted	Additional info submitted 8/7/24 CH
262314	ON-SITE POWER GENERATION CONTROL SYSTEM	1.3		OPERATION AND MAINTENANCE MANUALS - CLOSEOUT	H. A. Sack						
262314	ON-SITE POWER GENERATION CONTROL SYSTEM	1.5		WARRANTY - CLOSEOUT	H. A. Sack						
262413	SWITCHBOARDS (DRAW-OUT)	1.4			H. A. Sack	8/22/2023	8/22/2023	8/28/2023	8/28/2023	Approved As Noted	Resubmitted on 10/31/23 CH
262414	SWITCHBOARDS (NON-DRAW-OUT)	1.4			H. A. Sack	8/22/2023	8/22/2023	8/28/2023	8/28/2023	Approved As Noted	
262416	PANELBOARDS	1.4			H. A. Sack	8/28/2023	8/28/2023	9/12/2023	9/12/2023	Approved As Noted	Resubmitted on 10/12/23 by JK
262726	WIRING DEVICES	1.4			H. A. Sack	1/18/2024	1/19/2024	2/28/2024	2/29/2024	Approved As Noted	
262816	SAFETY/DISCONNECT SWITCHES	1.4			H. A. Sack	8/22/2023	8/22/2023	8/28/2023	8/31/2023	Approved	
263213	ENGINE GENERATORS	1.3		SHOP DRAWINGS	H. A. Sack	9/6/2023	9/7/2023	9/14/2023	9/19/2023	Approved As Noted	
263213	ENGINE GENERATORS	1.3		O & M MANUALS - CLOSEOUT	H. A. Sack						
263213	ENGINE GENERATORS	1.5		WARRANTY - CLOSEOUT	H. A. Sack						
263213.01	DOCKING STATIONS				H. A. Sack	1/22/2024	1/22/2024				Included in ATS submittal 263601
263353	UNINTERRUPTIBLE POWER SUPPLY	1.4		SHOP DRAWINGS	H. A. Sack	8/24/2023	8/24/2023	8/28/2023	8/28/2023	Approved As Noted	
263353	UNINTERRUPTIBLE POWER SUPPLY	1.4		EQUIPMENT OPERATIONS AND MAINTENANCE MANUALS - CLOSEOUT	H. A. Sack						
263353	UNINTERRUPTIBLE POWER SUPPLY	1.7		WARRANTY - CLOSEOUT	H. A. Sack						
263600	AUTOMATIC TRANSFER BYPASS/ISOLATION SWITCHES	1.4		PRODUCT DATA	H. A. Sack	13/10/2023	13/10/2023	10/25/2023	10/25/2023	Approved As Noted	Resubmitted 1/22/2024 CH
263600	AUTOMATIC TRANSFER BYPASS/ISOLATION SWITCHES	1.4		SHOP DRAWINGS	H. A. Sack	13/10/2023	13/10/2023	10/25/2024	10/25/2024	Approved As Noted	Resubmitted 1/22/2024 CH
263600	AUTOMATIC TRANSFER BYPASS/ISOLATION SWITCHES	1.4		MANUFACTURER SEISMIC QUALIFICATION CERTIFICATION	H. A. Sack						
263600	AUTOMATIC TRANSFER BYPASS/ISOLATION SWITCHES	1.4		OPERATIONS AND MAINTENANCE MANUALS	H. A. Sack						
263600.01	ATBIS ANNUNCIATOR PANEL				H. A. Sack	1/22/2024	1/22/2024	2/7/2024	2/7/2024	Approved	Resubmitted 3/26/24 CH / Resubmitted 8/7/24 CH
263601	AUTOMATIC TRANSFER SWITCHES	1.4		PRODUCT DATA	H. A. Sack	13/10/2023	13/10/2023	10/25/2023	10/25/2023	Approved As Noted	Resubmitted 1/19/2024 CH
263601	AUTOMATIC TRANSFER SWITCHES	1.4		SHOP DRAWINGS	H. A. Sack	13/10/2023	13/10/2023	10/25/2024	10/25/2024	Approved As Noted	Resubmitted 1/19/2024 CH
263601	AUTOMATIC TRANSFER SWITCHES	1.4		MANUFACTURER SEISMIC QUALIFICATION CERTIFICATION	H. A. Sack						
263601	AUTOMATIC TRANSFER SWITCHES	1.4		OPERATIONS AND MAINTENANCE MANUALS - CLOSEOUT	H. A. Sack						
263602	STATIC TRANSFER SWITCHES	1.4		SHOP DRAWINGS	H. A. Sack						Included in 263353 Uninterruptable Power Supply
263602	STATIC TRANSFER SWITCHES	1.4		OPERATIONS AND MAINTENANCE MANUALS - CLOSEOUT	H. A. Sack						
263602	STATIC TRANSFER SWITCHES	1.6		WARRANTY - CLOSEOUT	H. A. Sack						
264113	LIGHTING PROTECTION SYSTEM	1.5		PRODUCT DATA	H. A. Sack	9/1/2023	9/1/2023	9/12/2023	9/12/2023	Approved As Noted	
264113	LIGHTING PROTECTION SYSTEM	1.5		SHOP DRAWINGS	H. A. Sack	9/1/2023	9/1/2023	9/12/2023	9/12/2023	Approved As Noted	Resubmitted 6/5/24 CH
264113	LIGHTING PROTECTION SYSTEM	1.5		AS-BUILT - CLOSEOUT	H. A. Sack						
264313	SURGE PROTECTIVE DEVICES	1.5			H. A. Sack	8/22/2023	8/22/2023	8/28/2023	8/28/2023	Approved	Included in 262413
265100	LIGHTING	1.4			H. A. Sack	8/11/2023	8/14/2023	9/12/2023	9/12/2023	Approved As Noted	R&R 10/16/2023/Resubmitted on 11/20/2023 CH
270000	PROJECTION SCREEN AND LIFT				Broadband Infrastructure					Approved	
270000	AV RACK				Broadband Infrastructure					Approved	
270000	TV'S, MOUNTS AND PROJECTORS				Broadband Infrastructure					Approved	
270000	DATA AND SECURITY				Broadband Infrastructure					Approved	
270500	COMMON WORK RESULTS FOR COMMUNICATIONS	1.3		COMPLY WITH REQUIREMENTS OF DIV 26	Broadband Infrastructure	N/A					
275119	SOUND MASKING SYSTEM	1.9		SUBMITTAL DOCUMENTS	Avista	12/1/2023	12/13/2023	12/18/2023	12/19/2023	Approved As Noted	
275119	SOUND MASKING SYSTEM	1.13		WARRANTY - CLOSEOUT	Avista						
280500	COMMON WORK RESULTS FOR SECURITY AND SAFETY	1.3		COMPLY WITH REQUIREMENTS OF DIV 26	H. A. Sack	N/A					No submittal
283111	FIRE EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM	1.4		SHOP DRAWINGS	H. A. Sack	10/31/2023	10/31/2023	11/17/2023	11/17/2023	Approved As Noted	
283111	FIRE EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM	1.5		AS BUILTS AND O&M MANUALS - CLOSEOUT	H. A. Sack						
283150	EMERGENCY RESPONDER RADIO COVERAGE SYSTEM	1.3			H. A. Sack						BDA study at 70% building completion
311000	SITE CLEARING	1.5		EXISTING CONDITIONS	Williams Infrastructure	N/A					No submittal
311000	SITE CLEARING	1.5		RECORD DRAWINGS	Williams Infrastructure	N/A					No submittal
312000	EARTH MOVING	1.4		PRODUCT DATA	Williams Infrastructure	N/A					No submittal
312000	EARTH MOVING	1.4		SAMPLES FOR VERIFICATION	Williams Infrastructure	N/A					No submittal
312000	EARTH MOVING	1.4		QUALIFICATION DATA	Williams Infrastructure	N/A					No submittal
312000	EARTH MOVING	1.4		MATERIAL TEST REPORT	Williams Infrastructure	N/A					No submittal

312000	EARTH MOVING	1.4		SEISMIC SURVEY REPORT	Williams Infrastructure	N/A							No submittal
312000	EARTH MOVING	1.4		PREEXCAVATION PHOTOGRAPHS OR VIDEOTAPE	Williams Infrastructure	N/A							No submittal
312000	EARTH MOVING	1.4		CO PERMITTEE AGREEMENT FOR STORM WATER MANAGEMENT	Williams Infrastructure	N/A							No submittal
312000	EARTH MOVING	1.4		PERMITS	Williams Infrastructure	N/A							No submittal
321216	ASPHALT PAVING	1.4		PRODUCT DATA	Williams Infrastructure								
321216	ASPHALT PAVING	1.4		QUALIFICATION DATA	Williams Infrastructure								
321216	ASPHALT PAVING	1.4		MATERIAL CERTIFICATES	Williams Infrastructure								
321216	ASPHALT PAVING	1.4		MATERIAL TEST REPORTS	Williams Infrastructure								
321313	CONCRETE PAVING	1.4		PRODUCT DATA	Williams Infrastructure	3/18/2024	3/19/2024	3/19/2024	3/21/2024	Approved			
321313	CONCRETE PAVING	1.4		DESIGN MIXTURES	Williams Infrastructure	3/18/2024	3/19/2024	3/19/2024	3/21/2024	Approved			
321313	CONCRETE PAVING	1.4		SAMPLES	Williams Infrastructure								
321313	CONCRETE PAVING	1.4		QUALIFICATION DATA	Williams Infrastructure	3/18/2024	3/19/2024	3/19/2024	3/21/2024	Approved			
321313	CONCRETE PAVING	1.4		MATERIAL TEST REPORTS	Williams Infrastructure	3/18/2024	3/19/2024	3/19/2024	3/21/2024	Approved			
321313	CONCRETE PAVING	1.4		MATERIAL CERTIFICATES	Williams Infrastructure	3/18/2024	3/19/2024	3/19/2024	3/21/2024	Approved			
321313	CONCRETE PAVING	1.4		FIELD QUALITY CONTROL TEST REPORTS	Williams Infrastructure								
323119	DECORATIVE METAL FENCES AND GATES	1.2		PRODUCT DATA	Seegars Fence Company	12/13/2023	4/17/2024	5/22/2024	5/22/2024	Approved As Noted			
323119	DECORATIVE METAL FENCES AND GATES	1.2		SHOP DRAWINGS	Seegars Fence Company	12/13/2023	4/17/2024	5/22/2024	5/22/2024	Approved As Noted			
323119	DECORATIVE METAL FENCES AND GATES	1.2		SAMPLES	Seegars Fence Company	N/A							No submittal
323119	DECORATIVE METAL FENCES AND GATES	1.3		FIELD QUALITY CONTROL TEST REPORTS	Seegars Fence Company	N/A							No submittal
323119	DECORATIVE METAL FENCES AND GATES	1.3		PRODUCT TEST REPORTS	Seegars Fence Company	N/A							No submittal
323119	DECORATIVE METAL FENCES AND GATES	1.4		MAINTENANCE DATA	Seegars Fence Company								
330000	SITE UTILITIES				Williams Infrastructure	10/24/2023	10/25/2025	10/26/2023	10/27/2023	Approved As Noted			Resubmitted on 11.13 CH/Partial resubmit for storm drain 11/17

PROJECT NUMBER: 619704

Voter Registration/DJJ
 7201 Two Notch Road
 Columbia, SC 29223

M. B. Kahn Construction Company, Inc.

Spec Section	Specification	Sub Section	Description	Responsible Subcontractor	Date Rec'd fr Subcontractor	Date sent to Architect	Date Rec'd fr Architect	Date Ret'd to Subcontractor	Status	Notes
35300	CONCRETE TOPPING			FloorCo	4/10/2024	4/11/2024	4/22/2024	4/22/2024	Approved	
51200	STRUCTURAL STEEL FRAMING			D&T Steel	5/6/2024	5/6/2024	5/30/2024	5/30/2024	Approved As Noted	
64116	CASEWORK		SHOP DRAWINGS	Peralta Woodworks	5/6/2024	5/9/2024	7/29/2024	7/29/2024	Approved As Noted	
			HARDWARE	Peralta Woodworks	5/6/2024	5/9/2024	7/29/2024	7/29/2024	Approved As Noted	
81000	DOORS AND FRAMES			Cook & Boardman	4/25/2024	4/25/2024	5/16/2024	5/16/2024	Approved As Noted	
84113	STOREFRONT SYSTEMS		SHOP DRAWINGS	Palmetto State Glass	5/1/2024	5/2/2024	5/23/2024	5/23/2024	Approved As Noted	
87100	DOOR HARDWARE		DOOR HARDWARE SCHEDULE	Cook & Boardman	4/25/2024	4/25/2024	5/22/2024	5/22/2024	Approved As Noted	
93013	CERAMIC TILE		PRODUCT DATA	FloorCo	6/24/2024	8/15/2024				
			SHOP DRAWINGS	FloorCo	8/5/2024	8/15/2024				
			SAMPLES	FloorCo	8/14/2024	8/16/2024				bob picked up from main office
96513	RESILIENT BASE AND ACCESSORIES		PRODUCT DATA	FloorCo	6/24/2024	7/31/2024				
96519	RESILIENT TILE		PRODUCT DATA	FloorCo	6/24/2024	7/31/2024				
96536	STATIC CONTROL RESILIENT FLOORING		PRODUCT DATA	FloorCo	6/24/2024	7/31/2024				
96813	TILE CARPETING		PRODUCT DATA	FloorCo	6/24/2024	7/31/2024				
99123	PAINTING		PRODUCT DATA	Platinum Coating of NC	5/28/2024	5/30/2024	7/29/2024	7/29/2024	Approved	
			SAMPLES	Platinum Coating of NC	5/28/2024	5/30/2024				Dropped off at LS3P
101100	VISUAL DISPLAY SURFACES		PRODUCT DATA	New South Specialties	8/6/2024	8/8/2024				
101400	SIGNAGE		PRODUCT SCHEDULE	A-B Sign Systems	4/17/2024	6/16/2024	7/29/2024	7/29/2024	Approved As Noted	
102113	TOILET PARTITIONS			New South Specialties	4/22/2024	5/3/2024	5/23/2024	5/23/2024	Approved As Noted	
102213	WIRE MESH PARTITIONS / INTERIOR FENCING	1.3A	PRODUCT DATA - AS	Seegars Fence Company						
		1.3B	SHOP DRAWINGS - AS	Seegars Fence Company						
		1.3C	SAMPLES INITIAL SELECTION - AS	Seegars Fence Company						
		1.3D	SAMPLES VERIFICATION - AS	Seegars Fence Company						
		1.3E	DELEGATED DESIGN - AS	Seegars Fence Company						
		1.4A	WELDING CERTIFICATES - IS	Seegars Fence Company						
		1.4B	QUALIFICATION STATEMENTS: FOR INSTALLER - IS	Seegars Fence Company						
		1.4C	DELEGATED DESIGN ENGINEER QUALIFICATIONS - IS	Seegars Fence Company						
1.5A	O&M DATA - CS	Seegars Fence Company								
102239	MANUALLY OPERABLE PANEL PARTITIONS			McDonald Enterprises	4/10/2024	4/11/2024	5/15/2024	5/15/2024	Approved As Noted	
102600	CORNER GUARDS		PRODUCT DATA	New South Specialties	8/6/2024	8/8/2024				
102800	TOILET ACCESSORIES			New South Specialties	4/22/2024	5/3/2024	5/24/2024	5/24/2024	Approved As Noted	
105613	METAL STORAGE SHELVING	1.4A	PRODUCT DATA - AS	New South Specialties	4/22/2024	5/2/2024	5/23/2024	5/23/2024	Approved	
		1.4B	SHOP DRAWINGS - AS	New South Specialties	4/22/2024	5/2/2024	5/23/2024	5/23/2024	Approved	

		1.5A	MAINTENANCE DATA - CS	New South Specialties							
107316	METAL CANOPIES		SHOP DRAWINGS	Ventilated Awnings							
211300	FIRE SUPPRESSION SPRINKLER SYSTEMS			PASCO	5/13/2024	5/14/2024	5/28/2024	5/28/2024	Approved	Resubmitted 6/4/24 CH Revise & Resubmit for	
223300	ELECTRIC DOMESTIC WATER HEATERS			Walker White	4/16/2024	4/17/2024	4/22/2024	4/22/2024	Approved As Noted		
230502	COMMON HVAC MATERIALS / CURBS AND ACOUSTICAL MATERIALS			Walker White	4/8/2024	4/8/2024	4/9/2024	4/9/2024	Approved As Noted		
			SEISMIC AND WIND LOAD RESTRAINT ANALYSES	Walker White	6/17/2024	6/17/2024	6/20/2024	6/21/2024	Approved		
230548	SOUND, VIBRATION, AND SEISMIC CONTROL FOR HVAC			Walker White							
230592	SYSTEM START-UP			Walker White							
230593	TESTING AND BALANCING FOR HVAC			Walker White	5/22/2024	5/22/2024	5/23/2024	5/23/2024	Approved		
230713	DUCT INSULATION			Walker White							
230900	INSTRUMENTATION AND CONTROLS FOR HVAC (GENERAL)			Walker White	6/11/2024	6/12/2024	7/9/2024	7/9/2024	Revise & Resubmit		
230904.05	BUILDING AUTOMATION CONTROL SYSTEM (NIAGARA)			Walker White	6/11/2024	6/12/2024	7/9/2024	7/9/2024		Included in 230900	
230993	SEQUENCE OF OPERATION (HVAC CONTROLS)			Walker White	6/11/2024	6/12/2024	7/9/2024	7/9/2024		Included in 230900	
230993.1	SEQUENCE OF OPERATION (CENTRAL AIR HANDLING EQUIPMENT)			Walker White	6/11/2024	6/12/2024	7/9/2024	7/9/2024		Included in 230900	
230993.6	SEQUENCE OF OPERATION (SINGLE ZONE DX EQUIPMENT)			Walker White	6/11/2024	6/12/2024	7/9/2024	7/9/2024		Included in 230900	
233313	DAMPERS			Walker White	6/11/2024	6/12/2024	6/13/2024	6/14/2024	Revise & Resubmit		
233600	ZONE TERMINAL BOXES			Walker White	4/8/2024	4/8/2024	4/15/2024	4/15/2024	Approved As Noted		
233713	AIR DISTRIBUTION			Walker White	4/30/2024	5/1/2024	5/6/2024	5/6/2024	Approved As Noted	Resubmitted 5/14/2024 CH	
234100	PARTICULATE AIR FILTRATION			Walker White							
239005	HEAT TRANSFER (ELECTRIC COOLING) SPLIT SYSTEMS			Walker White	4/8/2024	4/8/2024	4/9/2024	4/9/2024	Approved As Noted	Resubmitted 4/11/2024 CH	
239005	HEAT TRANSFER (ELECTRIC COOLING) RTU'S			Walker White	4/8/2024	4/8/2024	4/9/2024	4/9/2024	Approved As Noted	Resubmitted 4/18/2024 CH	
239005	HEAT TRANSFER (ELECTRIC COOLING) FANS			Walker White	5/10/2024	5/10/2024	5/22/2024	5/22/2024	Approved As Noted		
239005	HEAT TRANSFER (ELECTRIC COOLING) HEATERS			Walker White	5/10/2024	5/10/2024	5/21/2024	5/21/2024	Approved As Noted		
260535	ELECTRICAL BOXES (POKE-THRU DEVICES)			H. A. Sack	7/17/2024	7/17/2024	7/22/2024	7/22/2024	Approved As Noted	Need RFI or Substitution Request /	
260548	SEISMIC SUPPORT FOR ELECTRICAL CONDUIT AND CABLE TRAY			H. A. Sack	6/4/2024	6/4/2024	6/10/2024	6/10/2024	Approved As Noted		
260923	LIGHTING CONTROLS			H. A. Sack	4/30/2024	4/30/2024	5/14/2024	5/14/2024	Approved As Noted		
262200	DRY TYPE TRANSFORMERS			H. A. Sack	4/4/2024	4/4/2024	4/8/2024	4/8/2024	Approved As Noted		
262416	PANELBOARDS			H. A. Sack	4/4/2024	4/4/2024	4/9/2024	4/9/2024	Approved As Noted	Need resubmittal for energy meters	
262416-2	BUSWAY			H. A. Sack	5/8/2024	5/8/2024	5/22/2024	5/22/2024	Approved As Noted		
262816	SAFETY DISCONNECT SWITCHES			H. A. Sack	4/4/2024	4/4/2024	4/8/2024	4/8/2024	Approved As Noted		
265000	LIGHTING		PRODUCT DATA	H. A. Sack	4/25/2024	4/29/2024	5/14/2024	5/14/2024	Approved As Noted		
283100	FIRE EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM		PRODUCT DATA	H. A. Sack	6/4/2024	6/5/2024	6/10/2024	6/10/2024	Approved		
			SHOP DRAWINGS	H. A. Sack	6/4/2024	6/5/2024	6/10/2024	6/10/2024	Approved		

CONSIDERATIONS FOR CAPITAL BUILDING PLAN FINANCING

September 19, 2023



CURRENT PROJECTS

Currently under construction

Public Safety Complex for the
E-911 Center

Bond issued in 2022 for \$40,000,000

Cost will be approximately \$47,829,623

Balance will be from SCEMD reimbursements
and previously allocated funds.



FINANCING PROPOSAL

Uses of Funds	Cost
Family Services Center	\$49,173,881
Alvin S Glenn Detention Center	\$25,000,000
Voter Reg & Elections/SCDJJ	\$13,512,841
Total	\$87,686,722

Sources of Funds	
ARPA Allocation for DSS	\$17,480,389
General Obligation Bond Series 2023	\$71,000,000
Total	\$88,480,389

ASGDC Known Priorities

Plumbing Repair and Replacement Estimate \$8 million
 Upgrade remaining 16 housing units \$4 million
 Security Upgrades and Camera System Upgrades \$5 million
 Jail Management System Replacement \$600,000
 Attorney Visitation Area Upgrades \$6 million



GENERAL OBLIGATION BOND ISSUE

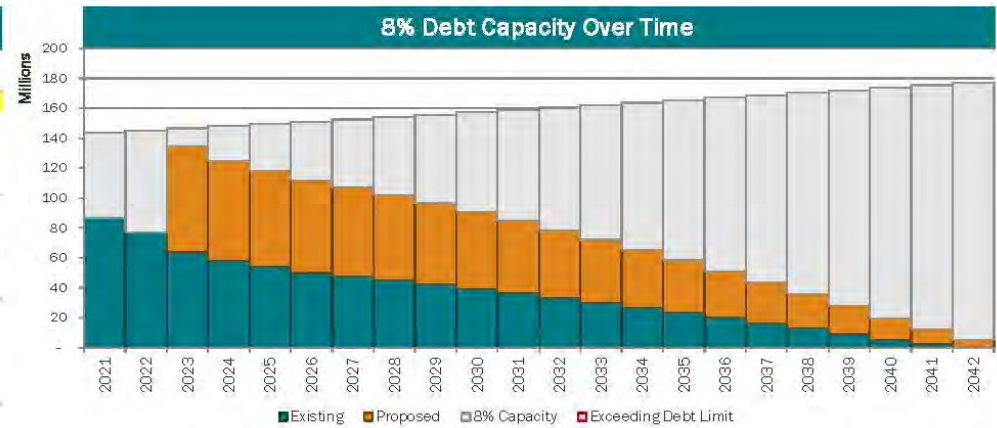
Richland County, South Carolina

Debt Service Millage Model
Scenario 1

As of 8/25/2023

Assessed Value	1,795,111,528
Debt Limit	143,608,922

Calendar Year	Debt Limit	Growth Rate	Existing		Proposed		8% Capacity
			8% Debt Amortization	8% Debt Outstanding	8% Debt Amortization	8% Debt Outstanding	
2021	143,608,922	3.19%	16,050,000	86,615,000	-	-	56,993,922
2022	145,222,506	1.12%	9,550,000	77,065,000	-	-	68,157,506
2023	146,674,731	1.00%	13,455,000	63,610,000	-	71,000,000	12,064,731
2024	148,141,478	1.00%	5,515,000	58,095,000	4,500,000	66,500,000	23,546,478
2025	149,622,893	1.00%	4,030,000	54,065,000	2,210,000	64,290,000	31,267,893
2026	151,119,122	1.00%	4,220,000	49,845,000	2,325,000	61,965,000	39,309,122
2027	152,630,313	1.00%	2,460,000	47,385,000	2,445,000	59,520,000	46,725,313
2028	154,156,616	1.00%	2,575,000	44,810,000	2,570,000	56,950,000	52,396,616
2029	155,698,182	1.00%	2,700,000	42,110,000	2,700,000	54,250,000	59,338,182
2030	157,255,164	1.00%	2,825,000	39,285,000	2,840,000	51,410,000	66,560,164
2031	158,827,716	1.00%	2,940,000	36,345,000	2,985,000	48,425,000	74,057,716
2032	160,415,993	1.00%	3,045,000	33,300,000	3,135,000	45,290,000	81,825,993
2033	162,020,153	1.00%	3,160,000	30,140,000	3,300,000	41,990,000	89,890,153
2034	163,640,354	1.00%	3,265,000	26,875,000	3,470,000	38,520,000	98,245,354
2035	165,276,758	1.00%	3,375,000	23,500,000	3,625,000	34,895,000	106,881,758
2036	166,929,525	1.00%	3,470,000	20,030,000	3,775,000	31,120,000	115,779,525
2037	168,598,821	1.00%	3,565,000	16,465,000	3,930,000	27,190,000	124,943,821
2038	170,284,809	1.00%	3,660,000	12,805,000	4,090,000	23,100,000	134,379,809
2039	171,987,657	1.00%	3,760,000	9,045,000	4,255,000	18,845,000	144,097,657
2040	173,707,534	1.00%	3,860,000	5,185,000	4,430,000	14,415,000	154,107,534
2041	175,444,609	1.00%	2,550,000	2,635,000	4,610,000	9,805,000	163,004,609
2042	177,199,055	1.00%	2,635,000	-	4,800,000	5,005,000	172,194,055
Total			123,790,000		71,000,000		



FIRST TRYON
ADVISORS



GENERAL OBLIGATION BOND DEBT PAYMENTS

Richland County, South Carolina
Debt Service Millage Model
Scenario 1

9/1/2021

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Millage									Debt Service			Fund Balance				
Calendar Year	Value of a Mill	Assumed Growth Rate	Collection Percentage	Collected Value	Millage Rate	Collections	SW Revenues	Total Revenues	Existing DS Millage	Proposed DS Millage	Total	Surplus / (Deficit)	Use of Fund Balance	Fund Balance	Additional Mills Required	Fund Balance Target	
2021	1,725,000	3.92%	98.0%	1,690,500	10.00	16,905,000	52,662	16,957,662	20,346,152	-	20,346,152	(3,388,490)	(3,388,490)	3,259,497	-	1,500,000	
2022	1,780,000	3.19%	98.0%	1,744,400	10.00	17,444,000	52,757	17,496,757	15,031,678	-	15,031,678	2,465,079	-	5,724,576	-	1,500,000	
2023	1,800,000	1.12%	98.0%	1,764,000	10.00	17,640,000	52,592	17,692,592	17,659,323	-	17,659,323	33,269	-	5,757,845	-	1,500,000	
2024	1,818,000	1.00%	98.0%	1,781,640	10.00	17,816,400	52,565	17,868,965	11,615,551	4,604,054	16,219,606	1,649,360	-	7,407,205	-	1,500,000	
2025	1,836,180	1.00%	98.0%	1,799,456	10.00	17,994,560	52,670	18,047,230	9,909,071	5,106,806	15,015,878	3,031,353	-	10,438,558	-	1,500,000	
2026	1,854,542	1.00%	98.0%	1,817,450	10.00	18,174,500	52,715	18,227,215	9,902,281	5,108,431	15,010,713	3,216,503	-	13,655,060	-	1,500,000	
2027	1,873,087	1.00%	98.0%	1,835,625	10.00	18,356,250	52,700	18,408,950	7,985,481	5,109,181	13,094,663	5,314,288	-	18,969,348	-	1,500,000	
2028	1,891,818	1.00%	98.0%	1,853,981	10.00	18,539,810	52,625	18,592,435	7,985,206	5,108,806	13,094,013	5,498,423	-	24,467,771	-	1,500,000	
2029	1,910,736	1.00%	98.0%	1,872,521	10.00	18,725,210	52,674	18,777,884	7,988,344	5,107,056	13,095,400	5,682,484	-	30,150,255	-	1,500,000	
2030	1,929,844	1.00%	98.0%	1,891,246	10.00	18,912,460	52,655	18,965,115	7,988,850	5,108,556	13,096,956	5,868,159	-	36,018,414	-	1,500,000	
2031	1,949,142	1.00%	98.0%	1,910,159	10.00	19,101,590	52,631	19,154,221	7,988,850	5,107,931	13,096,781	6,057,440	-	42,076,854	-	1,500,000	
2032	1,968,633	1.00%	98.0%	1,929,260	10.00	19,292,600	52,576	19,345,176	7,985,138	5,104,931	13,090,069	6,255,107	-	48,330,962	-	1,500,000	
2033	1,988,320	1.00%	98.0%	1,948,553	10.00	19,485,530	52,614	19,538,144	7,989,366	5,109,056	13,098,422	6,439,722	-	54,770,684	-	1,500,000	
2034	2,008,203	1.00%	98.0%	1,968,038	10.00	19,680,380	52,611	19,732,991	7,983,791	5,109,806	13,093,597	6,639,395	-	61,410,078	-	1,500,000	
2035	2,028,285	1.00%	98.0%	1,987,719	10.00	19,877,190	52,753	19,929,943	4,085,806	5,105,556	9,191,363	10,738,580	-	72,148,659	-	1,500,000	
2036	2,048,568	1.00%	98.0%	2,007,596	10.00	20,075,960	52,663	20,128,623	4,083,606	5,107,556	9,191,163	10,937,460	-	83,086,119	-	1,500,000	
2037	2,069,054	1.00%	98.0%	2,027,672	10.00	20,276,720	52,715	20,329,435	4,087,134	5,108,456	9,195,591	11,133,844	-	94,219,963	-	1,500,000	
2038	2,089,744	1.00%	98.0%	2,047,949	10.00	20,479,490	52,719	20,532,209	4,085,838	5,108,056	9,193,894	11,338,315	-	105,558,278	-	1,500,000	
2039	2,110,642	1.00%	98.0%	2,068,428	10.00	20,684,280	52,705	20,736,985	4,086,806	5,106,156	9,192,963	11,544,023	-	117,102,301	-	1,500,000	
2040	2,131,748	1.00%	98.0%	2,089,113	10.00	20,891,130	52,642	20,943,772	4,082,550	5,107,456	9,190,006	11,753,765	-	128,856,067	-	1,500,000	
2041	2,153,065	1.00%	98.0%	2,110,004	10.00	21,100,040	-	21,100,040	2,677,075	5,106,656	7,783,731	13,316,309	-	142,172,375	-	1,500,000	
2042	2,174,596	1.00%	98.0%	2,131,104	10.00	21,311,040	-	21,311,040	2,677,819	5,105,456	7,783,275	13,527,765	-	155,700,140	-	1,500,000	
2043	2,196,342	1.00%	98.0%	2,152,415	10.00	21,524,150	-	21,524,150	-	5,108,228	5,108,228	16,415,922	-	172,116,062	-	1,500,000	
2044	2,218,305	1.00%	98.0%	2,173,939	10.00	21,739,390	-	21,739,390	-	-	-	21,739,390	-	193,855,452	-	1,500,000	
2045	2,240,489	1.00%	98.0%	2,195,678	10.00	21,956,780	-	21,956,780	-	-	-	21,956,780	-	215,812,232	-	1,500,000	
Total									211,281,754	101,648,195	312,929,949		(3,388,490)				

GENERAL OBLIGATION BOND ISSUE

- The issue would be \$71,000,00 in new money.
- If refunding any current debt to a more advantageous rate is possible, this may be proposed as well but would only lower debt payments, not increase them.
- Allows for unforeseen issues that may arise during projects.
- Leaves a comfortable \$12.4 million in borrowing capacity.
- Debt capacity continues to grow quickly by \$8 to 10 million after the issue as other debt is retired.
- Will be repaid from the County 10 mills allocated for capital.
- **DOES NOT INCREASE TAX MILLAGE**



TIMELINE

- September 12 - Council Work session with LS3P and MB Kahn
- September 19 – Request Council approval for Administrators nomination to proceed as recommended in work session
- October 3 – First reading of Bond Ordinance
- October 17 – Second reading of Bond Ordinance and public hearing
- November 7 – Third reading of Bond Ordinance
- Bond closing – TBD estimated to be by December 15, 2023



CONSTRUCTION TIMELINE

- If approved as proposed, an RFP for design/build would be issued as soon as possible following for the Family Services Center.
- Formal architectural and building plans for Voters Registration & Elections would begin immediately – estimated construction following design is 18-24 months.
- Construction at the Public Safety Complex will begin in coming weeks and is estimated to be complete December, 2024 with occupancy estimated at June 30, 2025
- Voters Registration and Elections is estimated for occupancy on or about January 1, 2026
- Family Services Center completion date would be better estimated following RFP award.



CURRENT PROJECTS

Currently under construction

Public Safety Complex for the
E-911 Center

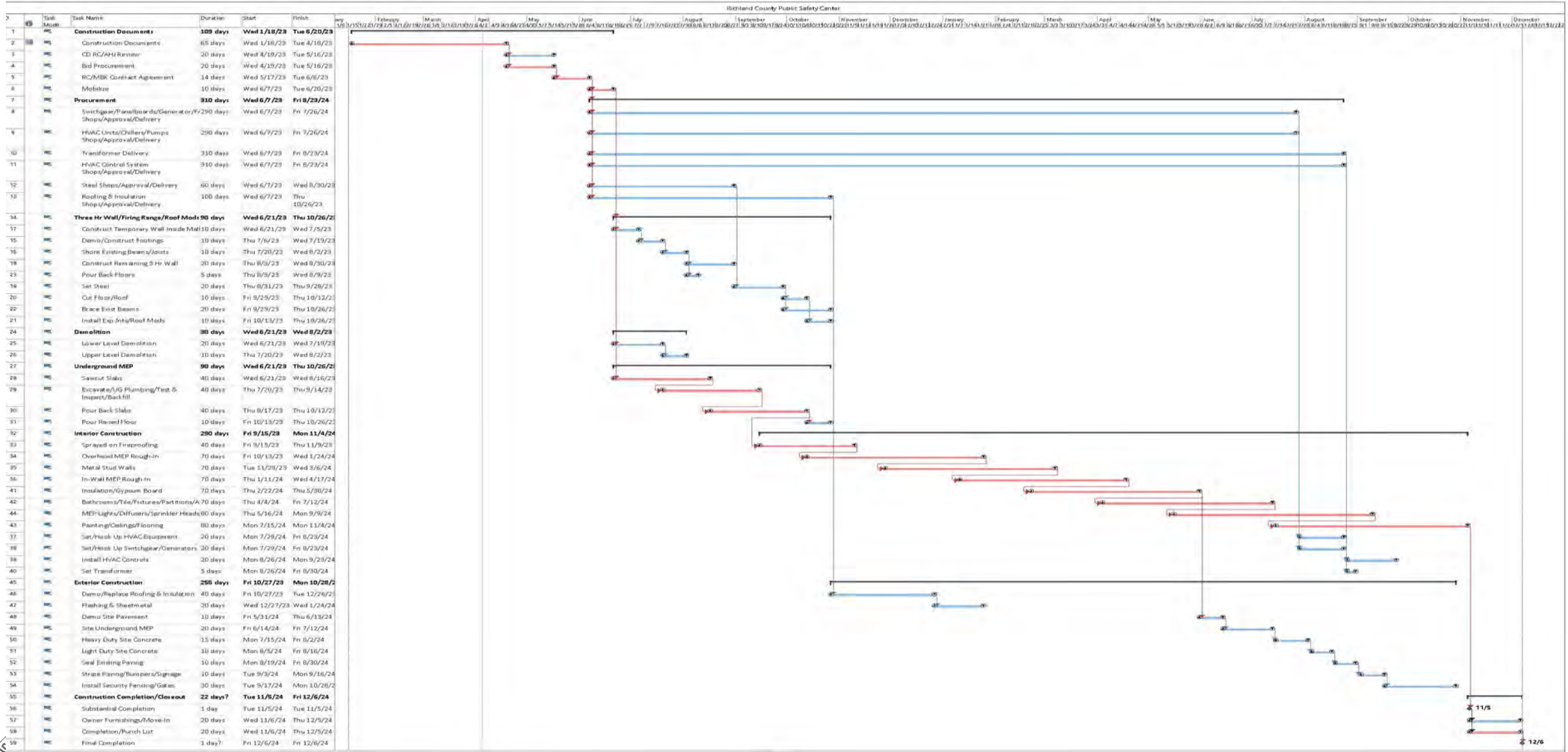
Bond issued in 2022 for \$40,000,000

Cost will be approximately \$47,829,623

Balance will be from SCEMD reimbursements
and previously allocated funds.



CURRENT PROJECTS



Questions?

