

ADDENDUM

To the Construction Documents for the:

Project:	South Cary Water Reclamation Facility – Maintenance Facility with Solar		Addendum # <h1>01</h1>
Owner:	Town of Cary		
Owner ID No.:	SW-3512		
DKA Project No.:	2403		
Prepared By:	Chad Volk	Bid Documents Issue Date: 01/13/2025	

The date of issuance of this addendum is 1/29/2025. All conditions of the addendum are in effect as of this date. Bidders are hereby informed that the following additions, deletions, changes and/or clarifications supersede and supplement the Contract Documents for the above referenced project.

Each bidder shall be responsible for notifying his subcontractors and/or vendors of the contents of this Addendum. The items included in this Addendum are for all Contractors as the items relate to their respective trades.

From:	Chad Volk
Transmitted to:	Town of Cary, Design Team, all current Plan Holders
Total Number of Pages:	48 pages including all attachments

Questions and Clarifications:

1. See attached Pre Bid Meeting Minutes for clarifications and questions raised during the Pre Bid Meeting.
2. Reminder: Last day for questions, clarifications, RFI's, and Substitution Requests is Wed Feb 5 at 5PM. All questions must be submitted in writing to Chad Volk at Davis Kane Architects: cvolk@daviskane.com. Addendum 2 will be the last Addendum and it will be released on Thu Feb 6, 2025.
3. Regarding Allowance Q-S1 for PEMB footing concrete, the final size of the footings will be determined after receiving loads from the PEMB designer. The current allowance of 60 CY will remain unchanged.
4. Regarding the need for rigid frames at the end walls vs post and beam, the PEMB designer will make the final call based on their design. The currently shown rigid frames will remain as shown.

5. Regarding snow guards, snow guards will not be required for this project.
6. Regarding the roof assembly/construction, the roof assembly design has been modified. Refer to updated details G1, E1, and E4 on the attached sheet A120.
7. Regarding the colors for the metal wall panels, trim, and roof panels, the architect shall select a color from the manufacturer's standard color chart.
8. Refer to the Pre Bid Meeting Minutes for additional questions and clarifications made during the meeting. Responses to all other questions will be included in Addendum 2.

Specifications:

- 1.1 Specification Section 00300 BID PROPOSAL: Added "Unit Prices" form (page 5). See attached updated Bid Proposal.
- 1.2 Specification Section 00810: revised Article 8 Time, subparagraph 8.2.1.1 to state "Contract Time shall be no more than 305 calendar days." See attached updated spec section 00810.
- 1.3 Specification 102800 Toilet, Bath, and Laundry Accessories: Remove Item 2.2 B. Toilet Tissue Dispenser from scope of work; remove Item 2.2 C. Automatic Paper Towel Dispenser from scope of work; remove 2.2 D. Automatic Wall-Mounted Soap Dispenser from scope of work; revise Item 2.2 E. Mirror Unit to be Item 5 in the FF&E Legend; revise Item 2.2 F. Grab Bar to be as follows: Item 11 shall indicate the Straight 42" long grab bar, Item 12 shall indicate the Straight 36" long grab bar, and Item 13 shall indicate the Straight 18" long (vertical) grab bar; remove Item 2.3 Hand Dryers from the scope of work; revise Item 2.4 A. Underlavatory Guard to be Item 14 in the FF&E Legend. See attached revised spec section 102800.
- 1.4 Specification 096813 Metal Storage Shelving shall be removed in its entirety.

Drawings:

1. Sheet A001, revised FF&E Legend and Typical Mounting Heights drawings. See attached revised A001 sheet.
2. Sheet A100, revised FF&E Legend. See attached revised A100 sheet.
3. Sheet 120, revised the roofing details G1, E1, and E4. See attached revised A120 sheet.

END OF ADDENDUM

Attachments:

- Pre-Bid Meeting Minutes
- Pre-Bid Attendance Sign-In Sheet
- List of current Plan Holders
- Spec Section 00300 Bid Proposal
- Spec Section 00810 Additional Supplemental General Conditions
- Spec Section 102800 Toilet, Bath, and Laundry Accessories
- Revised Sheet A001
- Revised Sheet A100
- Revised Sheet A120

MEETING MINUTES – Pre Bid Meeting

Project Name:	South Cary Water Reclamation Facility – Maintenance Facility with Solar	
Owner:	Town of Cary	
Owner Project ID.:	SW-3512	
DKA Project No.:	2403	
Meeting Date & Time:	January 28, 2025, 11:00 AM	
Meeting Location:	4900 W Lake Road, Apex, NC 27539	Project Phase: Bidding

Parties in Attendance:

Name	Company	Email
Chad Volk	Davis Kane Architects (DKA), project manager	cvolk@daviskane.com
John Holloway	Town of Cary - Utilities	john.holloway@carync.gov
Jarrod Buchanan	Town of Cary - Utilities	jarrod.buchanan@carync.gov
Diamond Branch	Town of Cary - Finance	Diamond.Branch@carync.gov
Charles Ristimaki	CLH Design (Site/Civil)	CRistimaki@clhdesignpa.com
Nick Baldwin	Atlantec/IMEG (PME)	nick@atlantecengineers.com
Phelps Clarke	Pisgah Energy	phelps.clarke@pisgahenergy.com
Jason Knoernschild	Berry Building Group	jasonk@berrybg.com
Gus Mixon	Salisbury & Moore	Gus.mixon@salisburymoore.com
Tim Cothran	Riggs-Harrod Builders	tcothran@riggsharrod.com
Brian Settle	Diamond Contracting	Brian.settle@diamondcontracting.com
Josh Mazingo	Daniels & Daniels	estimating@danddcc.com
Justin West	West Contractors	justinwest@west-contractors.com
Brad Klisares	Shook Construction	bklisares@shookconstruction.com
Scott Dawson, Sr.	Engineered Construction Company	sdawsonsr@engrconst.com
Chad Hensley	BAR Construction	bids@barconstruction.com
Garrett Hodges	Scotia Construction	Estimating@scotiaconstructioninc.com
Alfonso Vergara	Summa G.C.	Alfonso.vergara@summagc.com
Joshua Hey	Yes Solar Solutions	jhey@yessolarsolutions.com
Stew Miller	Yes Solar Solutions	smiller@yessolarsolutions.com
Jonathan Crawford	8M Solar	j.crawford@8msolar.com
Anita Brack	Floorchem Inc.	floorchem@aol.com
Brian Young	Wilson & Cofield Electric	jthomas@wilsoncofield.com
Nick Vance	Contact Electric	nick@contactelectricllc.com
Thomas Barnhill	Phenix Construction Technologies	thomas@mbphenix.com
Nick Doller	NES Electrical	ndoller@neselectricalco.com

Report By: Chad Volk

Date Recorded:
1/29/2025

Please inform the Architect if any statement herein is inconsistent with your own notes or recollections.

Meeting Notes:

Items in bold reflect modifications made to the original item listed on the Agenda.

1. Introductions of Key Project Personnel and Roles

- i. Owner: Town of Cary, Utilities Department
 1. Project Manager: John Holloway
 2. Plant Manager: Jarrod Buchanan
 3. Director of Utilities: Jamie Revels
- ii. Architect: Davis Kane Architects
 1. Architect of Record: Robert Stevenson, AIA
 2. Project Manager: Chad Volk, AIA (main point of contact)
Contact Information: cvolk@daviskane.com; 919-719-2811
- iii. Civil Engineer: CLH Design
 1. Engineer Contact: Charles Ristimaki
- iv. FP/MEP Engineer: Atlantec Engineers (now IMEG)
 1. Engineer Contact: Brad Felts, PE
- v. Structural Engineer: Lynch Mykins Structural Engineers, PC
 1. Engineer Contact: Anna Lynch, PE, John Payne
- vi. Solar PV Consultant: Pisgah Energy
 1. Consultant Contact: Evan Becka, Phelps Clarke

2. Information for Bidders

- a. This project is a Single Prime Contract – Contractor must use the Bid Proposal included in the Project Manual.
- b. Numbers in parentheses (#####) throughout this Agenda refer to Project Manual Specification Sections.
- c. See Project Manual for Allowances (012100), Unit Prices (012200), both of which will be applicable to the Bid Proposal.
- d. Bid Bond – 5% bond is required for this project.
- e. Liquidated Damages (\$1,500 per calendar day) and Interim Liquidated Damages (\$5,000 per calendar day) are applicable to this project.
- f. Construction duration is 305 calendar days from Notice to Proceed.
- g. Addendum 01 will be issued on Wednesday January 29, 2025.

3. Key Dates

- a. Bids must be submitted no later than 2:00pm on Thursday, February 13, 2025 at William Garmon Operations Center, Room Ops A Central Conference Room, Building A, 400 James Jackson Ave, Cary, NC 27513, Attn: John Holloway
- b. Bids will be publicly opened at 2:00pm on Thursday, February 13, 2025 at William Garmon Operations Center, Room Ops A Central Conference Room, Building A, 400 James Jackson Ave, Cary, NC 27513.
- c. Requests for Information/Clarification by bidders are due in writing by 5:00pm on Wednesday, February 5, 2025. Submit questions to Chad Volk at cvolk@daviskane.com.
- d. Substitution Requests shall be submitted to Chad Volk at cvolk@daviskane.com by 5:00pm on Wednesday, February 5, 2025, using the Substitution Request form and instructions in the Project Manual.
- e. The last Addendum will be issued on Thursday February 6, 2025.

4. Bid Proposal

- a. All applicable Federal, State and Local Taxes shall be included in the Bidder's proposal.
- b. Allowances (012100) shall be included in the Base Bid price.
 - i. Certain items of Work are to be provided and installed to the extents indicated in the Schedule of Allowances. These Allowances include installation, taxes, delivery, overhead and profit, fees, etc.
 - ii. Lump-sum and Quantity Allowances are for use solely at the Owner's discretion.
 - iii. Lump-sum and Quantity Allowances are for Work above and beyond that which is shown, delineated and/or quantified elsewhere in the Contract Documents.
 - iv. The Work described in the Schedule of Allowances is identical to Work described elsewhere in the Contract Documents and the full requirements of the Contract Documents apply to the applicable Work described in the Schedule of Allowances.
 - v. The cost for all Allowances shall be included in the Base Bid price. The cost for unused Allowances shall be credited back to the Owner by Change Order.
- c. Provide cost for each Unit Price (012200) listed on the Bid Proposal.
 - i. The current Bid Form is missing the Unit Price form. This will be added into the Bid Form and reissued in Addendum 1.
 - ii. Unit prices include all necessary materials and labor, plus cost for delivery, freight installation, insurance, applicable taxes, overhead, and profit.
 - iii. The unit price provided by the Contractor shall be used for Work added or deducted to the contract.
 - iii. Unit prices shall apply throughout the life of the Contract, except as otherwise specifically noted.
- d. Provide additive or deductive cost for each Alternate (012300) listed on the Bid Proposal. Clearly circle whether each cost is additive or deductive to the Base Bid price. No-cost Alternates shall be entered with "\$0". "TBD" or "N/A" or any similar response will be considered an incomplete response.

5. HUB Business Participation Requirements & Affidavits

- a. Town of Cary goal for minority business participation is 10% of the total construction value.

- b. Bidders MUST include with the bid proposal the Identification of HUB Business Participation form AND Affidavit A or B. Failure to include these completed documents with the Bid submission is grounds for rejection of the Bid.
- c. List all subs, vendors and suppliers that you will employ on the Identification form. List the total dollar amount of their participation. List "\$0" if none. "TBD" or "N/A" or similar response will be considered an incomplete response.
- d. The apparent lowest responsible, responsive bidder shall submit Affidavit C or D within 72 hours of being notified of being the apparent low bidder.

6. Qualifications

- a. General Contractors submitting a Bid Proposal shall be lawfully licensed in North Carolina in an amount at least equal to 1-1/2 times the total Contract Sum for all of the Work.
- b. Town of Cary has confirmed that a Cary Privilege (Business) License is not required.
- c. General Contractor shall ensure, in writing, that at least 10% of the Work is performed with the Bidder's employees. This assurance shall be submitted on the bidder's letterhead with the Bid Proposal documents.
 - i. The 10% is measured as a summation cost directly responsible from the General Contractor, including items such as salaries, mobilization, materials, etc.

7. Award of Contract

- a. Contract will be awarded to the lowest responsible, responsive bidder.
 - i. Responsive = a complete bid conforming to Bid Documents.
 - ii. Responsible = capable to perform all requirements, meet schedule, quality of performance on previous jobs.
- b. Prior to Award of Contract, the Owner may request that the apparent low bidder:
 - i. Submit a statement of Work to be performed by his own forces.
 - ii. Demonstrate capable labor force and experience required to coordinate and perform the Work.
- c. Upon Notice of Award, the successful bidder must submit:
 - i. Liability Insurance, Property Insurance / Builder's Risk and Worker's Compensation.
 - ii. Performance and Payment Bonds.

8. Scope of Work

- a. Project Description: Project size is approximately 7,350 SF, plus a 525 SF unoccupied mechanical platform.
- b. General: New construction includes a structural steel pre-engineered metal building on a concrete slab on grade, exterior wall assembly, standing seam metal roofing system, doors, frames, hardware, insulated translucent fiberglass sandwich window panels, and overhead doors. The work also includes a conditioned office space and toilet room.

- c. FP/MEP: The work includes plumbing fixtures, HVAC and controls, electrical and fixtures, fire alarm, and telephone/data raceway, and 215 Photovoltaic (PV) panels installed on the roof.
- d. Site/Civil: The work includes site clearing, earth moving, new paving, sod grass, plants, and water, sanitary and storm utilities.
 - a. The Owner will remove the existing building and building pad prior to GC's NTP.
 - b. Civil Engineer stated that there is a wet tap for the new water line and that there should be no reason to shut down the existing water or existing sewer lines for the work related to this project.

9. Work by Others requiring Contractor Coordination

- a. Work by Owner or Owner's Separate Contracts: IT wiring/devices.
- b. Work by Utility Companies: Duke Energy Progress (Power); Dominion Energy (Gas).

10. Work Restrictions (011000)

- a. Regular work hours are from 7:00 a.m. to 5:00 pm Monday thru Friday. Requests to work other than regular work hours shall be made at least 48 hours in advance. No work permitted on Saturdays, Sundays, or Holidays unless approved by the Owner.
- b. Contractor is responsible for verifying the location of all existing utilities before construction. Any damage caused by the Contractor shall be repaired immediately at the Contractor's expense.
- c. Contractor shall maintain access to the adjacent driveway at all times. If the existing driveway or other items are disturbed, temporary drives and other improvements shall be made immediately. ABC stone shall be used to maintain temporary driveways. All work here is incidental to the Contract. There is no need for temporary construction fencing along the main driveway.
- d. Use of tobacco products, alcoholic beverages, and other controlled substances on Project site is not permitted.
- e. Contractor employees, vendors, subcontractors and suppliers are to wear ID badges or special clothing/vests with employee name and company name at all times on the property.

11. Town of Cary Comments

- a. The Contractor is fully responsible for documenting the existing condition of items that may be disturbed by workers, equipment, etc., such as fences, light poles, and landscaping. The contractor is required to take pictures and shoot a video of the project area before starting work.
- b. Clarification: there is no new transformer installation for this project. Refer to Electrical sheets E101 and E200 for info on the existing transformer and existing electrical panels in relation to the new electrical service for the new building.
- c. The Contractor shall plan and utilize only the areas designated in the construction documents to temporarily store materials and/or equipment required for construction. The main driveway must remain clear and unobstructed at all times due to the active nature of this site. Yard space on the east, south, and west sides of the new building shall be used for material layout and storage.

- d. The Contractor shall patrol the site at the end of each working day to remove trash left by crews. Any trash/materials blown outside of construction fencing shall be immediately recovered. Contractor is responsible for complete site restoration and cleanup both temporary and permanent.
- e. Town of Cary TOC has confirmed that Town of Cary projects on Town property are not charged Permit Fees. There will be no Permit Fee for this project. GC shall pull the appropriate permits from the Town.
- f. Third-party Construction Materials Testing (CMT) will be contracted and paid for by the Town of Cary under a separate contract. There are no fees for temporary utilities. The PV subcontractor is responsible for applying for and obtaining the special permit for the PV array through the Town of Cary.
- g. Regarding an water tap/impact fees, this project is not proposing to insert or add a meter for the new water service line as shown on the Bid Documents. All the existing water lines within the facility are deemed private as the main meter is near the main gate. This project only includes a new water service connection and should not warrant a meter, tap or other impact tap fee.

12. Questions and Answers

- a. Town of Cary is offering a second opportunity to visit the project site prior to the Bid Opening. The date and time for this visit is Monday February 3 from 11AM-12PM. No other time will be made available. Visitors shall arrive promptly at 11AM and report to the front door of the main building inside the main gate (same building as the Pre Bid Meeting) located at 4900 W Lake Rd, Apex, NC 27539. John Holloway from Town of Cary will then escort visitors down to the project site. Any questions specific to the construction of the new building shall be sent to the architect in writing by 5PM on Wed Feb 5, 2025. Architect's contact is Chad Volk: cvolk@daviskane.com.
- b. Questions posed verbally at the Pre-Bid Meeting may be required to be answered by Addendum, in which case the poser of the question shall submit it in writing to Chad Volk at cvolk@daviskane.com and the question may not be fully answered at the Pre-Bid Meeting if additional info or clarification is needed.
- c. Substitution Request for PEMB : Phenix Construction Technologies is an approved vendor for PEMB.
- d. Clarification regarding 083613 Overhead Sectional Doors – steel sectional doors shall be provided (vs aluminum doors called for in the door schedule). Door schedule will be revised and included in Addendum 1.
- e. Clarification regarding 084523 Insulated Translucent Fiberglass Sandwich Panels – designer is verifying the required wind design pressure and will issue a response in Addendum 2.
- f. Clarification regarding 122113 Horizontal Louver Blinds – blinds shall be provided for (3) SF1 window types in the Office area only.
- g. Clarification regarding 102800 Toilet, Bath, and Laundry Accessories:
 - i. Grab Bars for ADA toilet – GC will provide and install as shown on the drawings.
 - ii. Mirror above Toilet Room sink – GC will provide and install.
 - iii. Wall mounted soap dispenser – Owner will provide and install.
 - iv. Toilet Paper dispenser – Owner will provide and install.

- v. Paper Towel dispenser – Owner will provide and install.
- vi. Electric hand dryer – not needed, shall be removed from scope of work.

END OF MEETING MINUTES

Attachments: *attendance sign-in sheet*



1/28/2025

SOUTH CARY WATER RECLAMATION FACILITY

Chad Volk, AIA Davis Kane Architects cvolk@daviskane.com

Phelps Clarke Pissah Energy phelps.clarke@pcenergy.com

- Charles Ristimaki CLH Design cristimaki@clhdesign.org.com
- Jason Knoernschiwo BERRY BUILDING GROUP JASONK@BERRYBG.COM
- Gus Mixon SALISBURY + MOORE gus.mixon@salisburymoore.com
- Tim Cothran Riggs - Harrod Builders tcothran@riggs-harrod.com
- Nick Doller NES Electrical ndoller@neselectricalco.com
- THOMAS BARNHILL PHOENIX CONSTRUCTION TECH. THOMAS@MEPHENIX.COM
- NICK VANLE CONTACT ELECTRIC NICK@CONTACTELECTRICAL.COM
- BRIAN SETTLE DIAMOND CONTRACTING, INC BRIAN.SETTLE@DIAMONDCONTRACTING.COM
- JOSH MOZINGO Daniels + Daniels estimating@danddco.com
- BRIAN YOUNG WILSON & COFIELD ELECTRIC jthomas@wilsoncofield.com
- Justin West justinwest@west-contractors.com West Contractors
- BRAD KUSARES BKlisares@ShookConstruction.com SHOOK CONSTRUCTION
- Scott Dawson, Sr. sdawsonsr@engrconstr.com Engneered Const.
- Chad Hensley ~~BAR~~ BAR Construction bids@barconstruction.com
- Anita Brack FLOORCHEM, INC FLOORCHEM@AOL.COM
- JONATHAN CRAWFORD 8M SOLAR J.CRAWFORD@8MSOLAR.COM
- Garrett Hodges Scotia Construction Inc estimating@scotiaconstructioninc.com
- Alfonso Vergara SUMMA G.C, LLC wyath@scotiaconstructioninc.com
- Nick Baldwin Atlantec Engineers alfonso.vergara@summagc.com
- Joshua Hey jhey@yessolar.com Nick G. Baldwin@imgcorp.com
- STEW MILLER SMILLER e YES SOLAR SOLUTIONS, 2011 YES Solar Solutions YES SOLAR SOLUTIONS

BID REGISTER



DAVIS KANE

ARCHITECTS, PA

503 Oberlin Road | Suite 300

Raleigh, NC 27605 | 919.833.3737

Project Contact: Chad Volk

Email: CVolk@daviskane.com

Project:	South Cary Water Reclamation Facility with Solar
Owner:	Town of Cary
Owner/SCO ID No:	SW - 3512
DKA Project No:	2403
Bid Due Date & Time:	02/13/25 at 02:00pm
Bid Receiving Location:	William Garmon Operations Center, Room Ops A Central Conference Room, Building A, 400 James Jackson Ave, Cary, NC 27513
PreBid Mtg Date & Location:	01/28/25 at 11:00am at 4900 W Lake Rd, Apex NC 27539

BID TYPE: _____ INVITED _____ PREQUALIFICATION _____ OPEN

ADDENDA DATES 1. _____ 2. _____ 3. _____ 4. _____ 5. _____

ADDENDA:					RECIPIENT	REC'D BID DOCUMENTS VIA?	BIDDING AS A GC?	ATTENDED PREBID?
1	2	3	4	5				
X	X	X	X	X	Riggs-Harrod Builders, Inc. 1117 E Geer Street, Durham, NC 27704 Tim Cothran PH: 919-687-0111 tcothran@riggsharrod.com	Y	EMAIL / SHAREFILE	Y
					Daniels and Daniels Construction Co., Inc. P.O. Box 10337, Goldsboro, NC, 27532 Erik Barrow / Josh Mozingo 919-778-4525 Erikb@danddcc.com estimating@danddcc.com	Y	EMAIL / SHAREFILE	Y
					S & S Industrial Corp 2223 US 64 E, Asheboro NC, 27203 Brandon Sinnamon 336-521-4550 brandon@ssicorporationnc.com	Y	EMAIL / SHAREFILE	
					Shook Construction 3471 Apex Peakway, Apex, NC 2750 James Magda/ Brad Klisares/ Ryan Levesque 919-290-8151 jmagda@shookconstruction.com bklisares@shookconstruction.com rlevesque@shookconstruction.com	Y	DODGE/ Cary Plan rooms	Y
					Engineered Construction Company 900 Paverstone Drive Raleigh, NC 27615 Scott D. Dawson, Sr. 919.954.9090 sdawsonsr@engrconst.com	Y	EMAIL / SHAREFILE	Y
					Plan Hub 1665 Palm Beach Lakes Blvd, West Palm Beach, FL 33401 Keith Trudel 561-830-6738 ktrudel@planhub.com	Y		
					H. G Reynolds P.O Box 209 Henderson, NC 27536	Y	EMAIL / SHAREFILE	

			Jesse Hill 252-492-3071 hill@hgreynolds.net				
			Berry Building Group 134 N Main St, Six Mile, SC 29682 Jason Knoernschild 864-868-2811 jasonk@berrybg.com				Y
			Salisbury & Moore 8320 Litchford Rd Suite 124, Raleigh, NC 27615 Gus Mixon 919-930-8770 Gus.mixon@salisburymoore.com				Y
			Diamond Contracting 285 Shipwash Dr # 101, Garner, NC 27529 Brian Settle 919-661-1401 Brian.settle@diamondcontracting.com				Y
			BAR Construction 611-A Industrial Ave. Greensboro, NC 27406 Chad Hensley 336-274-2477 bids@barconstruction.com				Y
			West Contractors Justin West justinwest@west-contractors.com				Y
			Scotia Construction 404 E Chatham St, Cary, NC 27511 Garrett Hodges 919-467-0293 Estimating@scotiaconstructioninc.com				Y
			Summa G.C. 6003 Chapel Hill Rd #101, Raleigh, NC 27607 Alfonso Vergara 919-977-0020 Alfonso.vergara@summagc.com				Y

SECTION 00300
BID PROPOSAL ("Proposal")

TO: THE TOWN OF CARY, NORTH CAROLINA ("Owner")

FROM: "BIDDER" _____

ADDRESS _____

DATE OF BID _____, 20__

The Bidder hereby signifies that it is his/her/its intention and purpose to enter into a formal Contract with the Town of Cary, North Carolina, to furnish all labor, materials, tools, equipment, apparatus, supplies, and the like required, and to do all the work necessary, for and because of the construction, erection, and/or installation of the proposed "Project":

**South Cary Water Reclamation Facility – Maintenance Facility with Solar,
TOC Project No. SW - 3512**

for the Town of Cary, North Carolina in accordance with the Contract Documents, including Addenda thereto.** There is deposited, herewith, a certified check in the amount of: _____ Dollars (\$_____), or a Bid Bond in the amount of five percent (5%) of the total aggregate amount of the Bid, made payable to the Owner, the same to be refunded to the Bidder under the conditions of and in accordance with the terms of this Proposal, which are as follows:

THAT: The Bidder has carefully examined the Plans and Specifications and all other Contract Documents and fully understands them.

THAT: The Bidder has carefully examined the site of the Project and is familiar with the conditions under which the work, or any part thereof, is to be performed and the conditions which must be fulfilled in furnishing and/or installing, erecting or constructing any or all items of the Project.

THAT: The Bidder shall provide all necessary tools, machinery, equipment, apparatus, and all other means necessary to do all the work and shall furnish all labor, materials and all else required to complete such Contract as may be entered into, in the manner prescribed in and in accordance with the terms of the Specifications and the Contract and in accordance with the true intent and meaning thereof, and in accordance with the Plans and/or Drawings and the requirements of the Consulting Engineers under them, in a first class manner.

** Fill in appropriate Addenda number(s): _____

[Terms continued on the following page.]

SECTION 102800 - TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Public-use washroom accessories.
 - 2. Hand dryers.
 - 3. Underlavatory guards.
- B. Related Requirements:
 - 1. Division 06 Section “Rough Carpentry” for blocking.

1.3 DEFINITIONS

- A. FF&E Legend refers to the Furniture, Fixtures & Equipment Legend on Sheet A-0.1 of the Drawings.

1.4 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.
- B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
 - 2. Include anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.
 - 3. Include electrical characteristics.
- B. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.
 - 1. Identify locations using room designations indicated.
 - 2. Identify accessories using designations indicated.

1.6 INFORMATIONAL SUBMITTALS

- A. Sample Warranty: For manufacturer's special warranties.

1.7 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For accessories to include in maintenance manuals.

1.8 WARRANTY

- A. Manufacturer's Special Warranty for Mirrors: Manufacturer agrees to repair or replace mirrors that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, visible silver spoilage defects.
 - 2. Warranty Period: 10 years from date of Substantial Completion.
- B. Manufacturer's Special Warranty for Hand Dryers: Manufacturer agrees to repair or replace hand dryers that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. Structural Performance: Design accessories and fasteners to comply with the following requirements:
 - 1. Grab Bars: Installed units are able to resist 250 lbf (1112 N) concentrated load applied in any direction and at any point.
 - 2. Shower Seats: Installed units are able to resist 250 lbf (1112 N) applied in any direction and at any point.
- C. Accessibility Requirements: For operating mechanisms, comply with the DOJ's "2010 ADA Standards for Accessible Design," ICC A117.1-2009, and the 2018 North Carolina State Building Code Chapter 11 Accessibility.
 - 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22.2 N).

2.2 PUBLIC-USE WASHROOM ACCESSORIES

- A. Source Limitations: Obtain each type of public-use washroom accessory from single source from single manufacturer.

B. Mirror Unit – Items 5 and in the FF&E Legend:

1. Basis-of-Design Product: Subject to compliance with requirements, provide American Specialties, Inc; ASI 0600 or comparable product by, but not limited to, the following:
 - a. Bobrick Washroom Equipment, Inc.
 - b. Bradley Corporation.
2. Frame: Stainless steel channel.
 - a. 18-8, type 304, 18gauge (.048 in. <1.2mm> thick) stainless steel. Unitized all welded construction. Corners mitered, welded and polished. Exposed surfaces shall have a No 4 satin finish. Edges and corners are burr free.
 - b. Corners: Welded and ground smooth.
3. Glass: Standard glazing is No1 quality, 1/4" inch (6.4mm) thick plate/float, silver coated and hermetically sealed with a uniform coating of electrolytic copper plating, and warranted against silver spoilage for 15 years. Mirrors meet Federal Spec DD-M-411C, ASTM C-1503, and ASTM C-1036-91.
4. Filler: Expanded polyethylene microcell foam sheet material, abrasion resistant and shock absorbing, water resistant, 1/8" inch (3.2mm) total layer thickness.
5. Size:
 - a. Item 5 in the FF&E Legend: 18 inches wide x 36 inches high.
 - b. Item 26 in the FF&E Legend: 20" wide x 60 inches high.
6. Hangers: Manufacturer's standard rigid, tamper and theft resistant.

C. Grab Bar – Items 11, 12, and 13 in FF&E Legend:

1. Basis-of-Design Product: Subject to compliance with requirements, provide American Specialties, Inc; ASI Series 3800 or comparable product by, but not limited to, the following:
 - a. Bobrick Washroom Equipment, Inc.
 - b. Bradley Corporation.
2. Mounting: Flanges with concealed fasteners.
 - a. Snap-on Flange Covers for concealed mounting.
3. Material: Stainless steel, 0.05 inch thick.
 - a. Finish: Smooth, ASTM A480/A480M No. 4 finish (satin) on ends and slip-resistant texture in grip area.
4. Outside Diameter: 1-1/2 inches.
5. Configuration and Length:
 - a. Item 7 in the FF&E Legend: Straight 18" long.
 - b. Item 8 in the FF&E Legend: Straight 36" long.
 - c. Item 9 in the FF&E Legend: Straight 42" long.
 - d. Item 15 in the FF&E Legend: L-Shaped 18" by 33".

2.3 UNDERLAVATORY GUARDS

A. Underlavatory Guard Item 14 in the FF&E Legend:

1. Basis-of-Design Product: Subject to compliance with requirements, provide Truebro by IPS Corporation; Lav Guard 2 Item #102 E-Z or comparable product by, but not limited to, the following:
 - a. Buckaroos, Inc.
 - b. Plumberex Specialty Products, Inc.
2. Description: Insulating pipe covering for supply and drain piping assemblies that prevents direct contact with and burns from piping; allow service access without removing coverings.
3. Material and Finish: Antimicrobial, molded plastic, white.
 - a. Bacterial and fungus resistance: 0 growth, in accordance with ASTM G21 and G22.

- b. Burning characteristics: Self-extinguished, in accordance with ASTM D-635.
- 4. Color, Finish: Bright white, smooth.

2.4 MATERIALS

- A. Stainless Steel: ASTM A240/A240M or ASTM A666, Type 304, 0.031-inch- minimum nominal thickness unless otherwise indicated.
- B. Brass: ASTM B19, flat products; ASTM B16/B16M, rods, shapes, forgings, and flat products with finished edges; or ASTM B30, castings.
- C. Steel Sheet: ASTM A1008/A1008M, Designation CS (cold rolled, commercial steel), 0.036-inch- minimum nominal thickness.
- D. Galvanized-Steel Sheet: ASTM A653/A653M, with G60 hot-dip zinc coating.
- E. Galvanized-Steel Mounting Devices: ASTM A153/A153M, hot-dip galvanized after fabrication.
- F. Fasteners: Screws, bolts, and other devices of same material as accessory unit, unless otherwise recommended by manufacturer or specified in this Section, and tamper and theft resistant where exposed, and of stainless or galvanized steel where concealed.
- G. Chrome Plating: ASTM B456, Service Condition Number SC 2 (moderate service).
- H. Mirrors: ASTM C1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

2.5 FABRICATION

- A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.
- B. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
 - 1. Remove temporary labels and protective coatings.
- B. Grab Bars: Install to comply with specified structural-performance requirements.
- C. Shower Seats: Install to comply with specified structural-performance requirements.

3.2 ADJUSTING AND CLEANING

- A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.
- B. Clean and polish exposed surfaces according to manufacturer's written instructions.

END OF SECTION 102800

THAT: The rights of the Owner and the recommendations of the Engineer shall not be questioned in the Award of the Contract.

THAT: It is the intention of the Owner to let contracts on the basis of the Bids received in accordance with G.S. 143-129 and in such manner as the Owner may deem to be for the best interests of the Owner.

THAT: The Owner reserves the right to reject any or all proposals.

THAT: The work under each Section will be awarded under one Contract and that the Owner shall have the right to include such item or items as the Owner may deem to be in the best interests of the Owner.

THAT: On being awarded the Contract, the Bidder shall execute a Performance Bond and a Payment Bond, on the forms included herein, each equal to one hundred percent (100%) of the Contract Price (Contract Sum), as security for the faithful performance of the Contract.

THAT: The Bidder shall submit, in the blank spaces provided, all data, guarantees and other information called for.

THAT: This Proposal shall be signed and submitted in the manner prescribed in the Instructions to Bidders.

THAT: Should this Proposal not be accepted by the Owner, the certified check, in the amount of:

_____ Dollars (\$ _____) or the five percent (5%) Bid Bond, as applicable, deposited herewith shall be returned to the Bidder.

THAT: Should this Proposal be accepted by the Owner and the Bidder fail or neglect to execute the Contract and furnish the required Bonds within ten (10) business days after receiving notifications of the acceptance of the Proposal and/or receipt of the formal Contract and Bond forms, the certified check, in the amount of: _____

_____ Dollars (\$ _____), or the Bid Bond, deposited herewith shall be retained by the Owner as liquidated damages, it being understood that the Owner reserves the right to extend the time allowed for executing the Contract and/or furnishing the Bond in its sole discretion.

THAT: The Bidder shall complete such Contract as may be entered into within the number of consecutive calendar days specified in the Contract from the date of the Notice to Proceed.

THAT: The Bidder proposes to enter into a Contract in accordance with this Proposal, the Plans and Specifications and the Contract Documents included herein, for the prices shown on the following pages.

THAT: The successful bidder shall be required to submit a complete detailed cost breakdown of the Lump Sum Bid Price amount (if project is a lump sum bid) for payment purposes, for approval by the Engineer, prior to the Award of the Contract.

[Terms continued on the following page.]

THAT: It is the intent of these Contract Documents to obtain a Contract based on a Lump Sum Price except where Unit Prices are specifically requested. Where a discrepancy exists between words and numbers in the Bid amount, the written words shall govern. Where a discrepancy exists between unit prices and mathematical computations in the Itemized Proposal, the unit prices and quantities in the Itemized Proposal shall govern.

THAT: The successful bidder shall have all proper Bidder licenses and other applicable licenses required under North Carolina state laws governing their respective trade(s).

THAT: The successful bidder and all subcontractors shall comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes, "Verification of Work Authorization," and shall provide documentation or sign affidavits or any other documents requested by the Town of Cary demonstrating such compliance.

THE FOLLOWING FORMS AND DOCUMENTATION SHALL BE COMPLETELY FILLED OUT AND SUBMITTED WITH THE BIDS:

1. Bid Bond (using forms provided on pages 00300-7 and 00300-9) or other allowable bid security;
2. Photocopy of Bidder's North Carolina Contractors License;
3. Enter Contractor's License Number where called for in proposal and on the outside of sealed envelope containing the proposal;
4. Statement of Compliance with requirement of the General Conditions that the Bidder will ensure that at least 20% of the Work is performed with the Bidder's employees (provide statement on bidder's letterhead);
5. Certified List of Major Subcontractors;
6. Certified List of Equipment/Material Manufacturers;
7. Bidder's Certificate as to Organization and Authority;
8. Equal Employment Opportunity Addendum;
9. Qualifications of Bidders;
10. Non-Collusive Affidavit;
11. Nondiscrimination Clause.

BID PROPOSAL
GENERAL CONSTRUCTION
FOR THE

(the "Project")

For the construction of the Project complete as indicated by the Contract Documents (in words and figures):

TOTAL LUMP SUM BID PRICE

_____ Dollars

and _____ Cents (\$ _____)

Bidder _____
(Print)

NOTE: PROPOSAL SIGNATURE REQUIRED ON PAGE 00300-12. ALL PROPOSALS MUST BE PROPERLY EXECUTED TO BE CONSIDERED A VALID BID.

UNIT PRICES

The undersigned quotes for the following unit prices to be utilized in making adjustments to the Contract Sum should the addition or omission of work required by the Contract Documents be necessary. Amount listed for unit prices will apply throughout the life of the Contract. Refer to specification "Section 012200 – Unit Pricing."

UNIT PRICE	ITEM DESCRIPTION	SECTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
SITE FURNISHINGS						
Q-C1	Rock removal in Open Areas (Mass Rock) and disposal off-site.	01200	X	10 CY		
Q-C2	Rock Removal in Trenches and Pits and Disposal Off-Site	012100	X	20 CY		
Q-C3	Unsuitable Soils Removal and Disposal Off-Site	012100	X	300 CY		
Q-C4	Replacement of Removed Rock or Unsuitable Soils with On-Site Suitable Soil In-Place	012100	X	50 CY		
Q-C5	Replacement of removed rock or unsuitable soils with Aggregate Base Course in-place.	012100	X	200 CY		
Q-C6	Replacement of Removed Rock or Unsuitable Soils with No.57 Washed Stone In-Place	012100	X	50 CY		
Q-C7	Biaxial Geo-Grid In-Place	012100	X	100 SY		
Q-S1	PEMB Footing Concrete	012100	X	60 CY		
Q-S2	PEMB Footing Reinforcing	012100	X	3,000 LBS		

CERTIFIED LIST OF MAJOR SUBCONTRACTORS

The Bidder, as part of the procedure for the submission of Bids on the Project, submits the following list of Major Subcontractors to be used in the performance of work to be done on said Project. Changes to this list after the Bid opening shall only be as approved by the Owner upon request by the Bidder or as required by the Owner based upon review of Bidder's submittals:

<u>SUBCONTRACTOR</u>	<u>SUBCONTRACTOR'S NAME AND ADDRESS</u>
<u>PLUMBING:</u>	_____
<u>HVAC:</u>	_____
<u>ELECTRICAL:</u>	_____
<u>SOLAR PANELS:</u>	_____
<u>SOLAR INVERTOR:</u>	_____

It is understood and agreed that, if awarded a Contract, the Bidder shall not make any additions, deletions or substitutions to this certified list without the consent of the Owner.

CERTIFICATION AFFIDAVIT

THE ABOVE INFORMATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER UNDERSTAND AND AGREE THAT, IF AWARDED A CONTRACT, THIS CERTIFICATION SHALL BE ATTACHED THERETO AND BECOME A PART THEREOF.

[If Bidder is not an individual, enter entity name here]

By: _____
(Signature)

NAME OF SIGNER: _____
(Please Print or Type)

TITLE OF SIGNER: _____
(Please Print or Type)

DATE: _____

CERTIFIED LIST OF EQUIPMENT/MATERIAL MANUFACTURERS

The Bidder, as part of the procedure for the submission of Bids on the Project, submits the following list of Equipment/Materials Manufacturers to be used in the performance of work to be done on said Project. The list of Manufacturers and all equipment/materials furnished shall be based on requirements of the Contract Documents. Changes to this list after the Bid opening shall only be as approved by the Owner upon request by the Bidder or as required by the Owner based upon review of Bidder’s submittals:

<u>EQUIPMENT/MATERIALS</u>	<u>MANUFACTURER</u>
Solar Invertor _____	Solar Edge _____
Solar Panels _____	Q-Cell, REC, TRINA, Mission Solar _____
_____	_____
_____	_____

It is understood and agreed that, if awarded a Contract, the Bidder shall not make any additions, deletions or substitutions to this certified list without the consent of the Owner. Failure to identify a manufacturer for any or all of the items listed shall constitute an entry of one of the manufacturers listed in its respective technical specification.

CERTIFICATION AFFIDAVIT

THE ABOVE INFORMATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER UNDERSTAND AND AGREE THAT, IF AWARDED A CONTRACT, THIS CERTIFICATION SHALL BE ATTACHED THERETO AND BECOME A PART THEREOF.

[If Bidder is not an individual, enter entity name here]

By: _____
(Signature)

NAME OF SIGNER: _____
(Please Print or Type)

TITLE OF SIGNER: _____
(Please Print or Type)

DATE: _____

BID SECURITY:

Accompanying this Proposal is a (1) _____ in the amount of
(2) _____ Dollars
(\$ _____).

NOTE: (1) Insert the words “bank draft,” “certified check,” “bid bond”, or “cashiers check”, as the case may be.

(2) Amount must be equal to at least five percent (5%) of the total Bid.

BIDDER’S LICENSE:

The Bidder certifies that (he/she/it) is licensed as a Bidder under the specific North Carolina state law regulating his/her/its particular trade and that the number of the license under which he/she/it now operates is _____.

BIDDER’S CERTIFICATION AS TO ORGANIZATION AND AUTHORITY:

The Bidder certifies that the Affidavit of Organization and Authority, like the other documents attached hereto, form an integral part of the Proposal, and the Bidder acknowledges that the Owner will rely on the information provided therein in reviewing the Proposal and awarding a Contract.

LIQUIDATED DAMAGES:

The Bidder agrees, further, that the Owner may retain those amounts indicated in the Contract from the amount of compensation due the Bidder, under the terms of the Contract, for each and every day that the work remains incomplete and/or unsatisfactory beyond the completion date(s) specified in the Notice to Proceed. This amount is agreed upon as the proper measure of liquidated damages the Owner will sustain, per day, by the failure of the Bidder to complete the work within the stipulated time, and it is not to be construed in any sense as a penalty.

The Bidder shall not have or bring a claim against the Owner, or raise as a defense against the imposition of liquidated damages, other construction purportedly impeding Bidder’s progress or timely project completion.

(SIGNATURE PAGE)

Dated _____, 20__.

Bidder—Legal Entity (SEAL)

By: _____ (SEAL)
(SIGN HERE)

SEAL-if corporation

Printed Name

Address

() _____
Telephone No.

Subscribed and sworn to before me this ____ day of _____, 20__

Notary Public

My Commission Expires:

BID BOND

This is a Bid Bond that is subject to the provisions of Chapter 143, Article 8, Section 129(b) of the North Carolina General Statutes.

This Bid Bond is executed on _____, 20__.

The name of the PRINCIPAL is _____ (1)

_____ (2)

The name of the SURETY is _____

The TOWN OF CARY, NORTH CAROLINA is the OWNER.

The amount of the Bond is _____

_____ (Dollars) (\$_____)

KNOW BY ALL MEN BY THESE PRESENTS, the Principal and Surety above named are hereby held and firmly bound unto the above named OWNER hereinafter called the OWNER in the penal sum of the amount stated above in lawful money of the United States, for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of the above obligation is such that whereas the Principal has submitted to the OWNER a certain Bid Proposal, attached hereto and hereby made a part hereof to enter into a Contract in writing, for the construction of:

NOW, THEREFORE

- (a) If said Bid Proposal shall be rejected; or in the alternate,
- (b) If said Bid Proposal shall be accepted and the Principal shall execute and deliver a Contract in the form of Contract attached hereto (properly completed in accordance with said Bid Proposal) and shall furnish a bond for his faithful performance of said Contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid Proposal, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its Bid Bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such Bid Proposal; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

ATTEST:

(Principal) Secretary
(SEAL)

Principal

BY: _____ (3)

(Address)

Witness as to Principal

(Address)

ATTEST:

Surety

N. C. Resident Agent
(SEAL)

By: _____

(Name) (4)

(Address)

(Phone Number)

Witness as to Surety

(Address)

- (1) Insert the correct name of Principal.
- (2) Insert whether the Principal is a corporation, a partnership, a limited liability company or an individual.
- (3) If Principal is a partnership, all partners should execute the Bid Bond. If Bidder is a limited liability company, all managers (or all members, if the company is member-managed) should execute the Bond.
- (4) Provide contact name, address and phone number for bid bond surety.

**POWER OF ATTORNEY
(Attach)**

BIDDER'S CERTIFICATES
AFFIDAVIT OF ORGANIZATION AND AUTHORITY
SWORN STATEMENT

STATE OF _____)

COUNTY OF _____)

_____ being first duly sworn on oath deposes and says that the Bidder on the attached Bid Proposal is organized as indicated below and that all statements herein made are made on behalf of such Bidder and that this deponent is authorized to make them.

(Fill Out Applicable Paragraph)

CORPORATION:

The Bidder is a corporation organized and existing under the laws of the State of _____, it operates under the legal name of _____, and the full names of its officers are as follows:

President _____
Secretary _____
Treasurer _____

and it does _____ have a corporate seal. The _____ is/are authorized to sign construction proposals and contracts for the company by action of its Board of Directors taken _____, a certified copy of which is hereto attached. (Strike out this last phrase if not applicable.)

PARTNERSHIP:

The Bidder is a [limited/general] partnership consisting of individual/corporate partners as follows:

<u>General Partners</u>	<u>Limited Partners</u>

The partnership does business under the name of : _____

LIMITED LIABILITY COMPANY:

The bidder is a [member-managed/manager-managed] limited liability company consisting of the following individual/corporate members/managers:

<u>Managers</u>	<u>Members</u>

INDIVIDUAL:

The Bidder is an individual whose full name is:

_____ and if operating under a trade name, said trade name is as follows:

The business address of the Bidder is:

Its phone number is: _____

The contact person for this Proposal is:

Bidder

By: _____

Subscribed and sworn to before me this _____ day of _____, 20__.

Notary Public

County

My Commission Expires:

EQUAL EMPLOYMENT OPPORTUNITY ADDENDUM (“ADDENDUM”)

During the performance of the Contract the Bidder agrees as follows:

- a. The Bidder shall not discriminate against any employee or applicant because of race, color, religion, sex, or national origin. The Bidder shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to race, color, religion, sex, or national origin. Such action shall include but not be limited to the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. The Bidder agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of the nondiscrimination clause.
- b. The Bidder shall, in all solicitations or advertisements for employees placed by or on behalf of the Bidder, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- c. The Bidder shall send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract understanding, a notice, to be provided, advising the labor union or worker’s representative of the Bidder’s commitments under the Equal Employment Opportunity Section of the Contract, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. In the event of the Bidder’s noncompliance with the nondiscrimination clauses of the Contract or with any of such rules, regulations, or orders, the Contract may be canceled, terminated, or suspended in whole or in part and the Bidder may be declared ineligible for further OWNER contracts.
- e. The Bidder will include the provisions of this Addendum in every subcontract or purchase order unless exempted by rules, regulations, or orders of the OWNER so that such provisions will be binding upon each Subcontractor or vendor.

(Use the following form for execution by a CORPORATION):

ATTEST: _____
(Assistant) Secretary

_____ Corporate Name

BY: _____
(Vice) President

(CORPORATE SEAL)

(Use the following form for execution by a PARTNERSHIP):

_____ (SEAL)
Partnership Name

BY: _____ (SEAL)
General Partner

(Use the following form for execution by a LIMITED LIABILITY COMPANY):

_____ (SEAL)
Company Name

BY: _____ (SEAL)
Manager/Member

(Use the following form for execution by an INDIVIDUAL):

BY: _____ (SEAL)

WITNESS:

Subscribed and sworn to before me this _____ day of _____, 20__.

Notary Public

County

My Commission Expires:

QUALIFICATIONS OF BIDDERS

In order to assist the Owner in determining whether the Bidder is qualified to perform the Work, as set forth in the Contract Documents, the Bidder shall furnish the following information.

1. List of references who are qualified to judge as to his financial responsibility and his experience in work of similar nature to that bid upon:

2. List of previous contracting experience, including dollar values of contracts:

3. List of facilities or equipment that is available for use:

4. Name, residence, and title of the individual who will give personal attention to the work:

5. Financial Statement:

ASSETS

CURRENT ASSETS:

Cash \$ _____

Notes and Accounts Receivable _____

Inventories _____

PLANT ASSETS:

Real Estate \$ _____

Machinery _____

Good Will, Patents, etc. _____

\$ _____
Total Assets

LIABILITIES:

Notes Payable	\$ _____	
Accounts Payable	_____	
Accrued Wages	_____	
Other Liabilities	_____	\$ _____
		Total Liabilities
	EXCESS OF ASSETS OR NET WORTH	\$ _____

6. List all Claims, prior and pending, against the Bidder by the Town of Cary, including the resolution of such Claims, if any:

<u>Claim</u>	<u>Date of Claim</u>	<u>Resolution, if any</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The existence of unresolved claims against Bidder may disqualify the Bidder from making a Bid Proposal and entering into a Contract with the Town of Cary.

Notes:

- A. The above is a suggested form for the Financial Statement, but the Bidder is not required to follow the form explicitly. The Financial Statement submitted must clearly show to the satisfaction of the Owner the Bidder's current financial condition. The Owner reserves the privilege of requiring additional information as to financial responsibility of the Bidder prior to awarding Contract.

- B. Bidder shall attach additional pages, if necessary, in order to complete the required information.

- C. The Bidder shall submit detailed information required for above Items 1 through 4 with his Bid Proposal package. The information required under Items 5 and 6 may be furnished after Bid Proposals are received if required by the Owner and Engineer to evaluate the qualifications of a prospective Bidder.

NON-COLLUSIVE AFFIDAVIT

State of _____)
) ss.
County of _____)

_____ being first duly sworn,
deposes and says that:

- (1) He/she is the _____
(Owner, Partner, Officer, Representative or Agent)
of _____, the BIDDER that has
submitted the attached BID PROPOSAL;
- (2) He is fully informed respecting the preparation and contents of the attached BID
PROPOSAL and of all pertinent circumstances respecting such BID PROPOSAL;
- (3) Such BID PROPOSAL is genuine and is not a collusive or sham BID PROPOSAL;
- (4) Neither the said BIDDER nor any of its officers, partners, owners, agents, representatives,
employees or parties in interest, including this affiant, have in any way colluded, conspired,
connived or agreed, directly or indirectly, with any other BIDDER, firm, or person to submit
a collusive or sham BID PROPOSAL in connection with the Contract for which the attached
BID PROPOSAL has been submitted; or to refrain from bidding in connection with such
Contract; or have in any manner, directly or indirectly, sought by agreement or collusion,
or communication, or conference with any BIDDER, firm, or person to fix the price or prices
in the attached BID PROPOSAL or of any other BIDDER, or to fix any overhead, profit, or
cost elements of the BID PROPOSAL price or the BID PROPOSAL price of any other
BIDDER, or to secure through any collusion, conspiracy, connivance, or unlawful
agreement any advantage against The Town of Cary, or any person interested in the
proposed Contract;
- (5) The price or prices quoted in the attached BID are fair and proper and are not tainted by
any collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER
or any other of its agents, representatives, owners, employees or parties in interest,
including this affidavit.

BIDDER
BY _____
ITS _____
(Title)

Subscribed and sworn to before me this _____ day of _____, 20__.

Notary Public County

My commission expires _____

END OF AFFIDAVIT

NONDISCRIMINATION CLAUSE

It is specifically agreed as part of the consideration of the signing of this Bid Proposal, and the resulting execution of a Contract, that, to the extent permitted by law, the parties hereto, their agents, officials, employees, contractors, agents, successors, or permitted assigns shall not discriminate against any member of a protected class as defined by federal, state, or local law, including Wake County Code of Ordinances Section 34.01.

This provision shall be binding on the successors and assigns of the parties hereto with reference to the subject matter of the Contract.

(Use the following form for signatures by a CORPORATION):

ATTEST: _____ (Assistant) Secretary _____ (Printed Name) (Corporate Seal)	_____ Corporate Name BY: _____ (Vice) President _____ (Printed Name)
--	---

(Use the following form for signatures by a PARTNERSHIP):

_____ WITNESS _____ (Printed Name)	_____ Partnership Name (SEAL) BY: _____ (SEAL) General Partner
---	---

(Use the following form for signatures by a LIMITED LIABILITY COMPANY):

WITNESS

(Printed Name)

Company Name
(SEAL)

BY: _____
Manager/Member
(SEAL)

(Use the following form for signatures by an INDIVIDUAL):

(SEAL)

(Printed Name)

WITNESS

(Printed Name)

Subscribed and sworn to before me this _____ day of _____, 20__.

Notary Public

County

My Commission Expires:

NOTICE OF AWARD

TO: CONTRACTOR/BIDDER: _____

ADDRESS: _____

FROM: _____

OWNER: Town of Cary
Cary, North Carolina

PROJECT: _____

You are hereby notified that the Owner has considered the Bid Proposal submitted by you for the above-described project in response to its Notice to Bidders dated _____.

It appears that it is to the best interest of said Owner to accept your Bid Proposal in the amount of: _____ Dollars (\$_____). You are therefore hereby notified that your Bid Proposal has been accepted **for South Cary Water Reclamation Facility Maintenance Facility with Solar.**

The Bidder is required by as a condition of its Award of the Contract to execute and deliver the formal Contract with the Owner and to furnish the required Bidder's Performance and Payment Bonds within ten (10) business days from the date of the delivery of this Notice to you.

If you fail to execute said Contract and to furnish said Bonds within ten (10) business days from the date of delivery of this Notice, said Owner will be entitled to consider all your rights arising out of the Owner's acceptance of your Bid Proposal as abandoned and to award the work covered by your Bid Proposal to another bidder, or to readvertise the work or otherwise dispose thereof as the Owner may see fit.

Dated this _____ day of _____, 20_____.

Town of Cary, North Carolina

By: _____

Title: _____

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged this _____ day of _____, 20_____.

Bidder

By: _____

Title: _____

- END OF SECTION -

SECTION 00810 – ADDITIONAL SUPPLEMENTAL GENERAL CONDITIONS

The following supplements modify the General Conditions of the Contract for Construction. Where a portion of the General Conditions is modified or any paragraph, subparagraph or clause thereof is modified or deleted by these Supplementary Conditions, the unaltered provisions of the General Conditions shall remain in effect.

Article 1: General Provisions

Add subparagraph (1.1.5.5) to paragraph 1.1.5 as follows:

1.1.5.5 The drawings contained within the set are as follows:

Sheet	Title	Drawing Date	Signature Date
G001	TITLE SHEET	1/13/25	1/13/25
G002	APPENDIX B	1/13/25	1/13/25
G003	APPENDIX B	1/13/25	1/13/25
G004	LIFE SAFETY	1/13/25	1/13/25
C000	COVER	1/13/25	1/13/25
C001	STAKING & LANDSCAPE PLAN	1/13/25	1/13/25
C101	EXISTING CONDITIONS & DEMOLITION PLAN	1/13/25	1/13/25
C201	STAKING AND LANDSCAPE PLAN	1/13/25	1/13/25
C301	EROSION CONTROL & GRADING PLAN	1/13/25	1/13/25
C401	UTILITY PLAN	1/13/25	1/13/25
C701	DETAILS	1/13/25	1/13/25
C702	DETAILS	1/13/25	1/13/25
C703	DETAILS	1/13/25	1/13/25
A001	GENERAL NOTES AND LEGENDS	1/13/25	1/13/25
A100	FLOOR PLANS	1/13/25	1/13/25
A110	REFLECTED CEILING PLANS	1/13/25	1/13/25
A120	ROOF PLANS	1/13/25	1/13/25
A201	ELEVATIONS AND BUILDING SECTIONS	1/13/25	1/13/25
A300	WALL SECTIONS	1/13/25	1/13/25
A310	DETAILS	1/13/25	1/13/25
A311	DETAILS	1/13/25	1/13/25
A700	STOREFRONT AND DOOR SCHEDULE	1/13/25	1/13/25
I100	FINISH SCHEDULES AND PLANS	1/13/25	1/13/25
S001	GENERAL NOTES	1/13/25	1/13/25
S002	GENERAL NOTES	1/13/25	1/13/25
S101	FOUNDATION PLAN	1/13/25	1/13/25
S102	SLAB PLAN	1/13/25	1/13/25
S111	MECHANICAL PLATFORM FRAMING PLAN	1/13/25	1/13/25
S112	MECHANICAL PLATFORM SLAB PLAN	1/13/25	1/13/25
S301	SECTIONS	1/13/25	1/13/25
S302	SECTIONS	1/13/25	1/13/25
S501	TYPICAL DETAILS	1/13/25	1/13/25
S502	TYPICAL DETAILS	1/13/25	1/13/25
S503	TYPICAL DETAILS	1/13/25	1/13/25
P000	PLUMBING NOTES, LEGEN, DETAILS, AND SCHEDULES	1/13/25	1/13/25
P100	PLUMBING PLAN	1/13/25	1/13/25
P200	PLUMBING DETAILS AND WASTE RISER	1/13/25	1/13/25
M000	MECHANICAL NOTES, LEGEND, AND SCHEDULES	1/13/25	1/13/25
M100	MECHANICAL PLAN	1/13/25	1/13/25
M200	MECHANICAL DETAILS	1/13/25	1/13/25

E000	ELECTRICAL LEGEND, NOTES, FIXTURE SCHEDULE	1/13/25	1/13/25
E100	LIGHTING PLAN, POWER PLAN	1/13/25	1/13/25
E101	ELECTRICAL ROOF PLAN SITE PLAN	1/13/25	1/13/25
E200	POWER RISER, PANEL SCHEDULE	1/13/25	1/13/25
E201	PV SYSTEM DETAILS AND DIAGRAM	1/13/25	1/13/25

Article 4: Architect

Add subparagraph (4.1.4) to paragraph 4.1 as follows:

- 4.1.4 Principal consultants for the project are as follows:
- a. The Architect is: **Davis Kane Architects, PA**
503 Oberlin Road, Ste 300
Raleigh, North Carolina 27605
P: (919) 833-3737

 - b. The Architect's Consulting Engineers:
Landscape/Civil: **CLH Design, PA**
400 Regency Forest Drive, Ste 120
Cary, North Carolina 27518
P: (919) 319-6716

 - c. Structural Engineer: **Lynch Mykins Structural Engineers, PC**
301 N West St, Ste 105
Raleigh, North Carolina 27603
P: (919) 782-1833

 - d. FP/MEP Engineers: **Atlantec Engineers, Inc. (now IMEG)**
3221 Blue Ridge Road, Ste 113
Raleigh, North Carolina 27612
P: (919) 571-1111

 - e. Solar PV Consultant: **Pisgah Energy**
53 Ashland Avenue, Suite 103
Asheville, NC 28801
P: (828): 206-4780

Article 8: Time

Add subparagraph (8.2.1.1) to paragraph 8.2.1 as follows:

- 8.2.1.1 Contract Time shall be no more than 305 calendar days commencing at the Date of Notice to Proceed until the Date of Substantial Completion.

Add subparagraph (8.4.1.1) to paragraph 8.4.1 as follows:

- 8.4.1.1 Liquidated Damages shall be \$1,500 per calendar day.

Add subparagraph (8.4.1.2) to paragraph 8.4.1 as follows:

- 8.4.1.2 Interim Liquidated Damages shall be \$5,000 per calendar day.

Article 3: Contractor

Paragraph 3.4.3, revise first sentence of paragraph as follows:

The Contractor shall ensure that at least 20% of the Work is performed with Contractor's employees.

Article 5: Subcontractors

Paragraph 5.2.5, revise first sentence of paragraph as follows:

Contractor shall ensure that at least 20% of the Work is performed with Contractor's employees.

Article 9: Subcontractors

Paragraph 9.6.8.1, in first sentence replace "30%" with "50%".

Article 11: Insurance and Bonds

Paragraph 11.1.2.1, strikethrough subparagraph "a)" and subparagraph "b)".

Paragraph 11.1.2.1, in subparagraph "c)" insert the word "additional" immediately before the word "insured."

END OF SECTION 00810

SECTION 102800 - TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Public-use washroom accessories.
 - 2. Hand dryers.
 - 3. Underlavatory guards.
- B. Related Requirements:
 - 1. Division 06 Section “Rough Carpentry” for blocking.

1.3 DEFINITIONS

- A. FF&E Legend refers to the Furniture, Fixtures & Equipment Legend on Sheet A-0.1 of the Drawings.

1.4 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.
- B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
 - 2. Include anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.
 - 3. Include electrical characteristics.
- B. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.
 - 1. Identify locations using room designations indicated.
 - 2. Identify accessories using designations indicated.

1.6 INFORMATIONAL SUBMITTALS

- A. Sample Warranty: For manufacturer's special warranties.

1.7 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For accessories to include in maintenance manuals.

1.8 WARRANTY

- A. Manufacturer's Special Warranty for Mirrors: Manufacturer agrees to repair or replace mirrors that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, visible silver spoilage defects.
 - 2. Warranty Period: 10 years from date of Substantial Completion.
- B. Manufacturer's Special Warranty for Hand Dryers: Manufacturer agrees to repair or replace hand dryers that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. Structural Performance: Design accessories and fasteners to comply with the following requirements:
 - 1. Grab Bars: Installed units are able to resist 250 lbf (1112 N) concentrated load applied in any direction and at any point.
 - 2. Shower Seats: Installed units are able to resist 250 lbf (1112 N) applied in any direction and at any point.
- C. Accessibility Requirements: For operating mechanisms, comply with the DOJ's "2010 ADA Standards for Accessible Design," ICC A117.1-2009, and the 2018 North Carolina State Building Code Chapter 11 Accessibility.
 - 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22.2 N).

2.2 PUBLIC-USE WASHROOM ACCESSORIES

- A. Source Limitations: Obtain each type of public-use washroom accessory from single source from single manufacturer.

B. Mirror Unit – Items 5 and in the FF&E Legend:

1. Basis-of-Design Product: Subject to compliance with requirements, provide American Specialties, Inc; ASI 0600 or comparable product by, but not limited to, the following:
 - a. Bobrick Washroom Equipment, Inc.
 - b. Bradley Corporation.
2. Frame: Stainless steel channel.
 - a. 18-8, type 304, 18gauge (.048 in. <1.2mm> thick) stainless steel. Unitized all welded construction. Corners mitered, welded and polished. Exposed surfaces shall have a No 4 satin finish. Edges and corners are burr free.
 - b. Corners: Welded and ground smooth.
3. Glass: Standard glazing is No1 quality, 1/4" inch (6.4mm) thick plate/float, silver coated and hermetically sealed with a uniform coating of electrolytic copper plating, and warranted against silver spoilage for 15 years. Mirrors meet Federal Spec DD-M-411C, ASTM C-1503, and ASTM C-1036-91.
4. Filler: Expanded polyethylene microcell foam sheet material, abrasion resistant and shock absorbing, water resistant, 1/8" inch (3.2mm) total layer thickness.
5. Size:
 - a. Item 5 in the FF&E Legend: 18 inches wide x 36 inches high.
 - b. Item 26 in the FF&E Legend: 20" wide x 60 inches high.
6. Hangers: Manufacturer's standard rigid, tamper and theft resistant.

C. Grab Bar – Items 11, 12, and 13 in FF&E Legend:

1. Basis-of-Design Product: Subject to compliance with requirements, provide American Specialties, Inc; ASI Series 3800 or comparable product by, but not limited to, the following:
 - a. Bobrick Washroom Equipment, Inc.
 - b. Bradley Corporation.
2. Mounting: Flanges with concealed fasteners.
 - a. Snap-on Flange Covers for concealed mounting.
3. Material: Stainless steel, 0.05 inch thick.
 - a. Finish: Smooth, ASTM A480/A480M No. 4 finish (satin) on ends and slip-resistant texture in grip area.
4. Outside Diameter: 1-1/2 inches.
5. Configuration and Length:
 - a. Item 7 in the FF&E Legend: Straight 18" long.
 - b. Item 8 in the FF&E Legend: Straight 36" long.
 - c. Item 9 in the FF&E Legend: Straight 42" long.
 - d. Item 15 in the FF&E Legend: L-Shaped 18" by 33".

2.3 UNDERLAVATORY GUARDS

A. Underlavatory Guard Item 14 in the FF&E Legend:

1. Basis-of-Design Product: Subject to compliance with requirements, provide Truebro by IPS Corporation; Lav Guard 2 Item #102 E-Z or comparable product by, but not limited to, the following:
 - a. Buckaroos, Inc.
 - b. Plumberex Specialty Products, Inc.
2. Description: Insulating pipe covering for supply and drain piping assemblies that prevents direct contact with and burns from piping; allow service access without removing coverings.
3. Material and Finish: Antimicrobial, molded plastic, white.
 - a. Bacterial and fungus resistance: 0 growth, in accordance with ASTM G21 and G22.

- b. Burning characteristics: Self-extinguished, in accordance with ASTM D-635.
- 4. Color, Finish: Bright white, smooth.

2.4 MATERIALS

- A. Stainless Steel: ASTM A240/A240M or ASTM A666, Type 304, 0.031-inch- minimum nominal thickness unless otherwise indicated.
- B. Brass: ASTM B19, flat products; ASTM B16/B16M, rods, shapes, forgings, and flat products with finished edges; or ASTM B30, castings.
- C. Steel Sheet: ASTM A1008/A1008M, Designation CS (cold rolled, commercial steel), 0.036-inch- minimum nominal thickness.
- D. Galvanized-Steel Sheet: ASTM A653/A653M, with G60 hot-dip zinc coating.
- E. Galvanized-Steel Mounting Devices: ASTM A153/A153M, hot-dip galvanized after fabrication.
- F. Fasteners: Screws, bolts, and other devices of same material as accessory unit, unless otherwise recommended by manufacturer or specified in this Section, and tamper and theft resistant where exposed, and of stainless or galvanized steel where concealed.
- G. Chrome Plating: ASTM B456, Service Condition Number SC 2 (moderate service).
- H. Mirrors: ASTM C1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

2.5 FABRICATION

- A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.
- B. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
 - 1. Remove temporary labels and protective coatings.
- B. Grab Bars: Install to comply with specified structural-performance requirements.
- C. Shower Seats: Install to comply with specified structural-performance requirements.

3.2 ADJUSTING AND CLEANING

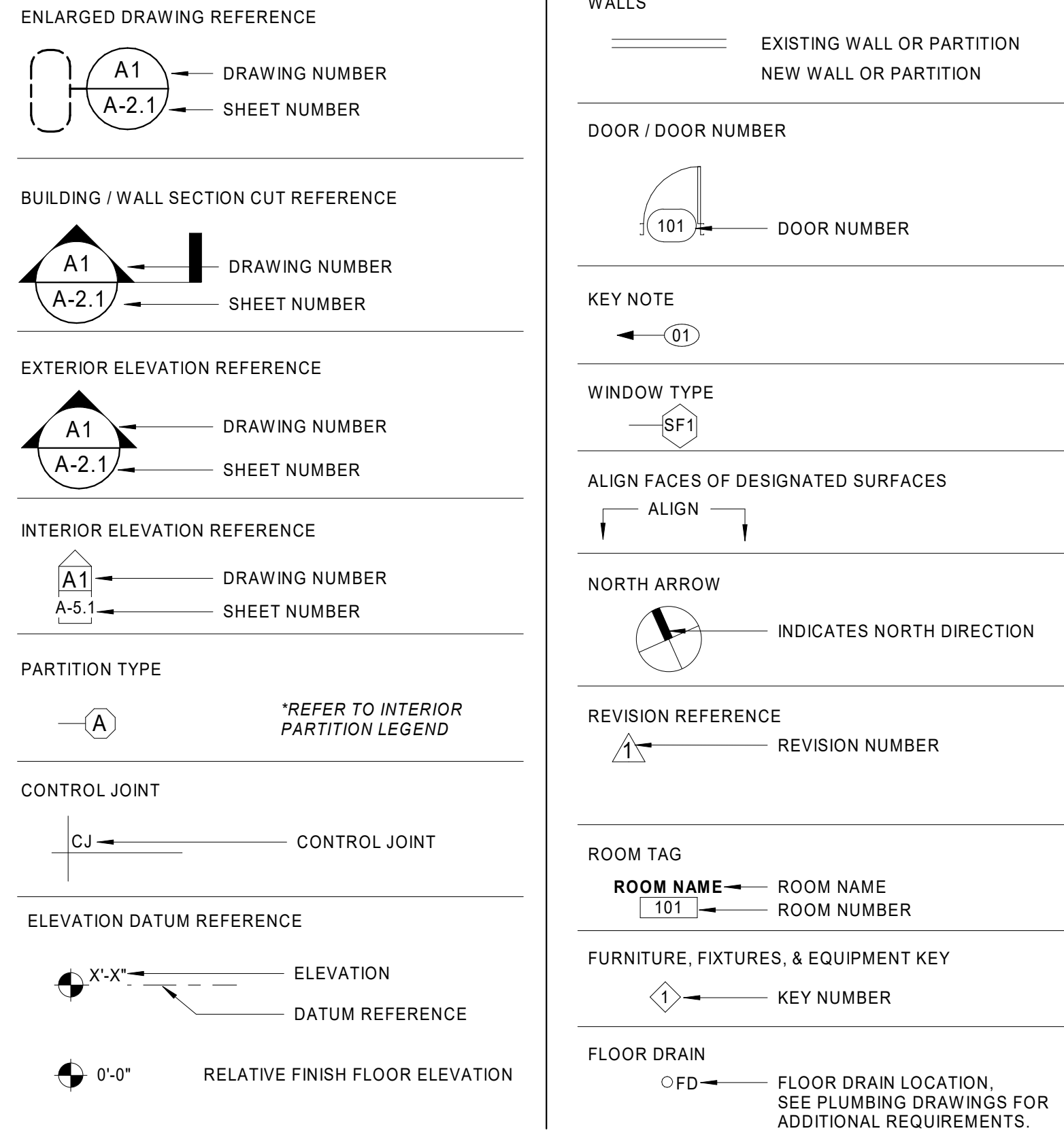
- A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.
- B. Clean and polish exposed surfaces according to manufacturer's written instructions.

END OF SECTION 102800

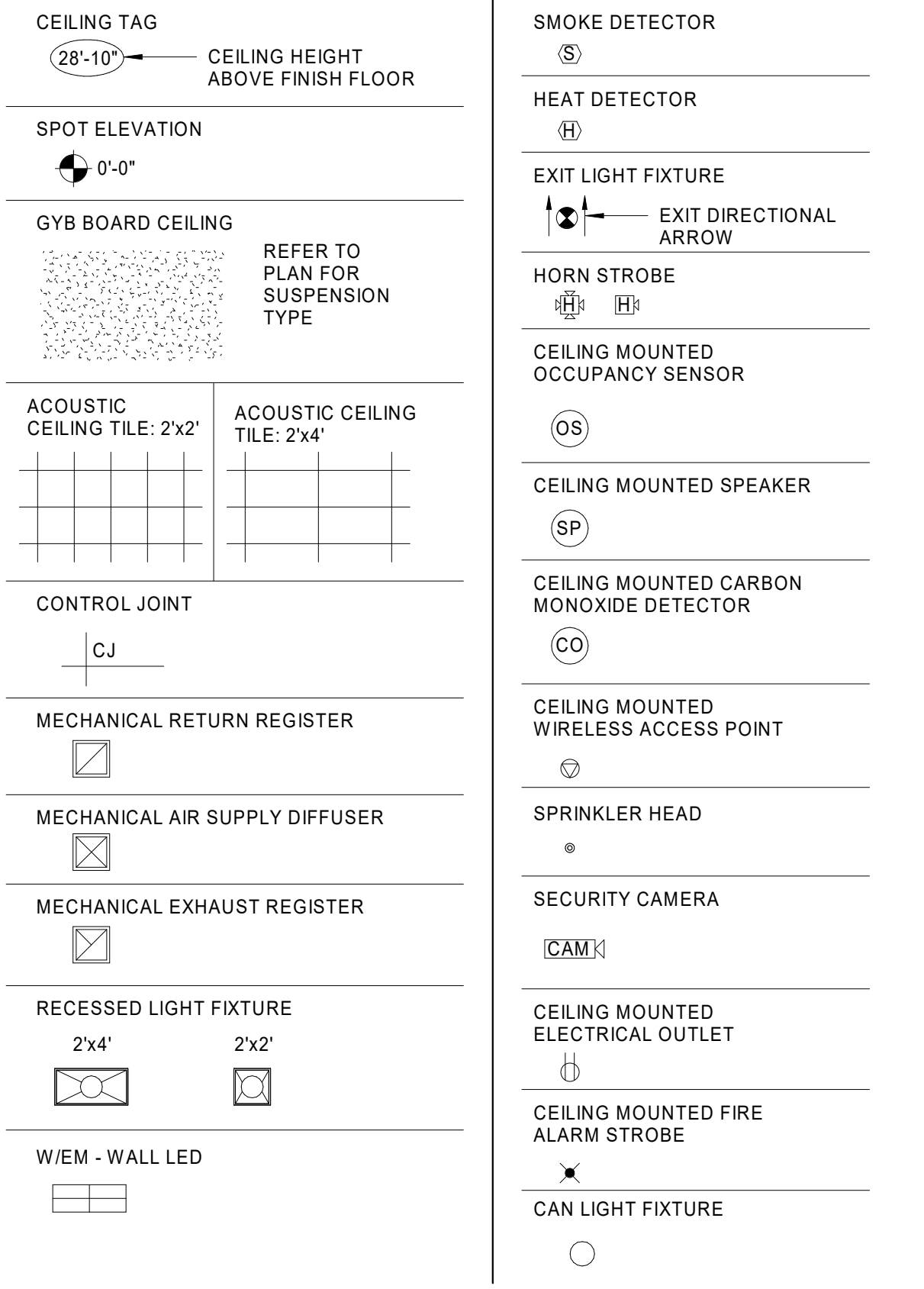
ABBREVIATIONS

@	AT	HB	HOSE BIBB	SUSP	SUSPENDED
AB	ANCHOR BOLT	HD	HEAVY DUTY	SYS	SYSTEM(S)
ACCESS	ACCESSORY	HDWR	HARDWARE	TEL	TELEPHONE
ACT	ACOUSTIC(AL) CEILING TILE	HM	HOLLOW METAL	THRES	THRESHOLD
ADJ	ADJACENT	HORIZ	HORIZONTAL	TOM	TOP OF MASONRY
AFF	ABOVE FINISHED FLOOR	HT	HEIGHT	TOS	TOP OF STEEL
ALT	ALTERNATE			TYP	TYPICAL
ALUM	ALUMINUM	ID	INSIDE DIAMETER	TZ	TERRAZZO
ANOD	ANODIZED	IF	INSIDE FACE	UON	UNLESS OTHERWISE NOTED
APPROX	APPROXIMATE	INSUL	INSULATION	UTIL	UTILIT(IES)(Y)
ARCH	ARCHITECTURAL	INT	INTERIOR	VB	VINYL BASE
AV	AUDIO VISUAL	KLP	KICKPLATE	VCT	VINYL COMPOSITE TILE
		LAB	LABORATORY	VERT	VERTICAL(LY)
BD	BOARD	LAM	LAMINATE	VIF	VERIFY IN FIELD
BEJ	BUILDING EXPANSION JOINT	LAV	LAVATORY	W/	WITH
BFF	BELOW FINISHED FLOOR	LIN	LINOLEUM	W/O	WITHOUT
BID	BID	LVR	LOUVER	WC	WATER CLOSET
BLDG	BUILDING	LVT	LUXURY VINYL TILE	WD	WOOD
BLKG	BLOCKING	MAS	MASONRY	WG	WIRED GLASS
BOD	BOTTOM OF DECK	MATL	MATERIAL	WSCT	WAINSCOT
BOT	BOTTOM	MAX	MAXIMUM	WWF	WELDED WIRE FABRIC
BRG	BEARING	MBL	MARBLE	WWM	WELDED WIRE MESH
BSMT	BASEMENT	MECH	MECHANICAL		
		MEMB	MEMBRANE		
CI	CAST IRON	MFR	MANUFACTURER		
CJ	CONTROL JOINT	MIN	MINIMUM		
CL	CENTER LINE	MISC	MISCELLANEOUS		
CLG	CEILING	MO	MASONRY OPENING		
CLOS	CLOSET	MTL	METAL		
CLR	CLEAR	NA	NOT APPLICABLE		
CLSM	CLASSROOM	NIC	NOT IN CONTRACT		
CM	CONSTRUCTION MANAGER	NOM	NOMINAL		
CMU	CONCRETE MASONRY UNIT	NTS	NOT TO SCALE		
CO	CLEAN OUT	OC	ON CENTER		
COL	COLUMN	OD	OUTSIDE DIAMETER		
CONC	CONCRETE	OF	OUTSIDE FACE		
CONST	CONSTRUCTION	OHD	OVER HEAD		
CONT	CONTINUOUS	OPCI	OWNER PROVIDED CONTRACTOR INSTALLED		
CPT	CARPET	OPNG	OPENING(S)		
CR	CARD READER	OPP	OPPOSITE		
CSK	COUNTER SUNK	PLAM	PLASTIC LAMINATE		
CT	CERAMIC TILE	PLYWD	PLYWOOD		
		PNT	PAINT(ED)		
DEPT	DEPARTMENT	PROP	PROPERTY		
DET	DETAIL	PSF	POUNDS / SQUARE FOOT		
DIA	DIAMETER	PSI	POUNDS / SQUARE INCH		
DIM	DIMENSION	PT	PRESERVATIVE-TREATED		
DS	DOWN SPOUT	PTN	PARTITION		
DWG	DRAWING	PVC	POLYVINYL CHLORIDE		
		QT	QUARRY TILE		
EA	EACH	QTY	QUANTITY		
EJ	EXPANSION JOINT	R	RADIUS		
EJC	EXPANSION JOINT COVER	RA	RETURN AIR		
EL	ELEVATION	RB	RUBBER BASE		
ELEC	ELECTRIC(AL)	RCP	REFLECTED CEILING PLAN		
ELEV	ELEVATOR	RD	ROOF DRAIN		
EQ	EQUAL	RDL	ROOF DRAIN LEADER		
EQUIP	EQUIPMENT	REBAR	STEEL REINFORCING BAR		
EWC	ELECTRIC WATER COOLER	REF	REFER(ENCE)		
EXIST	EXISTING	REINF	REINFORCE(D)(ING)(MENT)		
EXP	EXPOSED	REQD	REQUIRED		
EXT	EXTERIOR	REV	REVISION(S) REVISED		
EXTG	EXISTING	RM	ROOM		
		SC	SOLID CORE		
FACT	FACTORY FINISH	SECT	SECTION		
FCO	FLOOR CLEAN OUT	SF	SQUARE FEET (FOOT)		
FD	FLOOR DRAIN	SFRM	SPRAYED FIRE-RESISTIVE MATERIAL		
FE	FIRE EXTINGUISHER	SHT	SHEET		
FF&E	FURNITURE, FIXTURES & EQUIPMENT	SIM	SIMILAR		
FFE	FINISHED FLOOR ELEVATION	SLSF	SOLID SURFACE		
FIN	FINISH	SPEC	SPECIFICATION(S)		
FLR	FLOOR	SPKLR	SPRINKLER		
FLUOR	FLUORESCENT	SQ IN	SQUARE INCH(ES)		
FND	FOUNDATION	SS	STAINLESS STEEL		
FOC	FACE OF CONCRETE	ST	SIGN TYPE		
FOM	FACE OF MASONRY	STD	STANDARD		
FRP	GLASS FIBER REINFORCED PLASTIC PANELS	STL	STEEL		
FRT	FIRE-RETARDANT-TREATED	STOR	STORAGE		
FTG	FOOTING	STRFR	STOREFRONT		
		STRUCT	STRUCTURE		
GA	GAUGE				
GALV	GALVANIZED				
GC	GENERAL CONTRACT(OR)				
GFRC	GLASS FIBER REINFORCED CONCRETE				
GL	GLASS				
GLZ	GLAZING				
GWB	GYPSUM WALL BOARD				
GYP BD	GYPSUM BOARD				

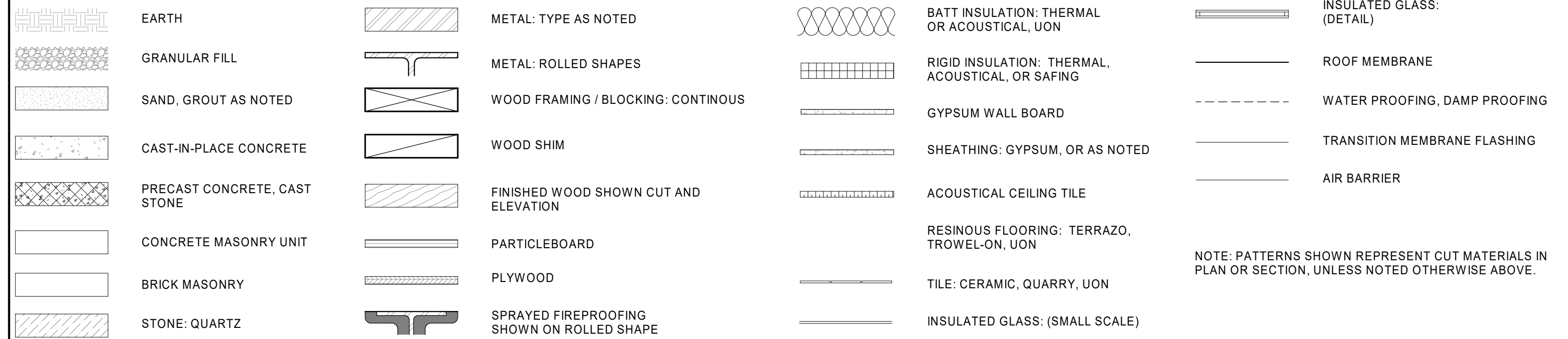
GENERAL SYMBOL LEGEND



REFLECTED CEILING PLAN SYMBOL LEGEND



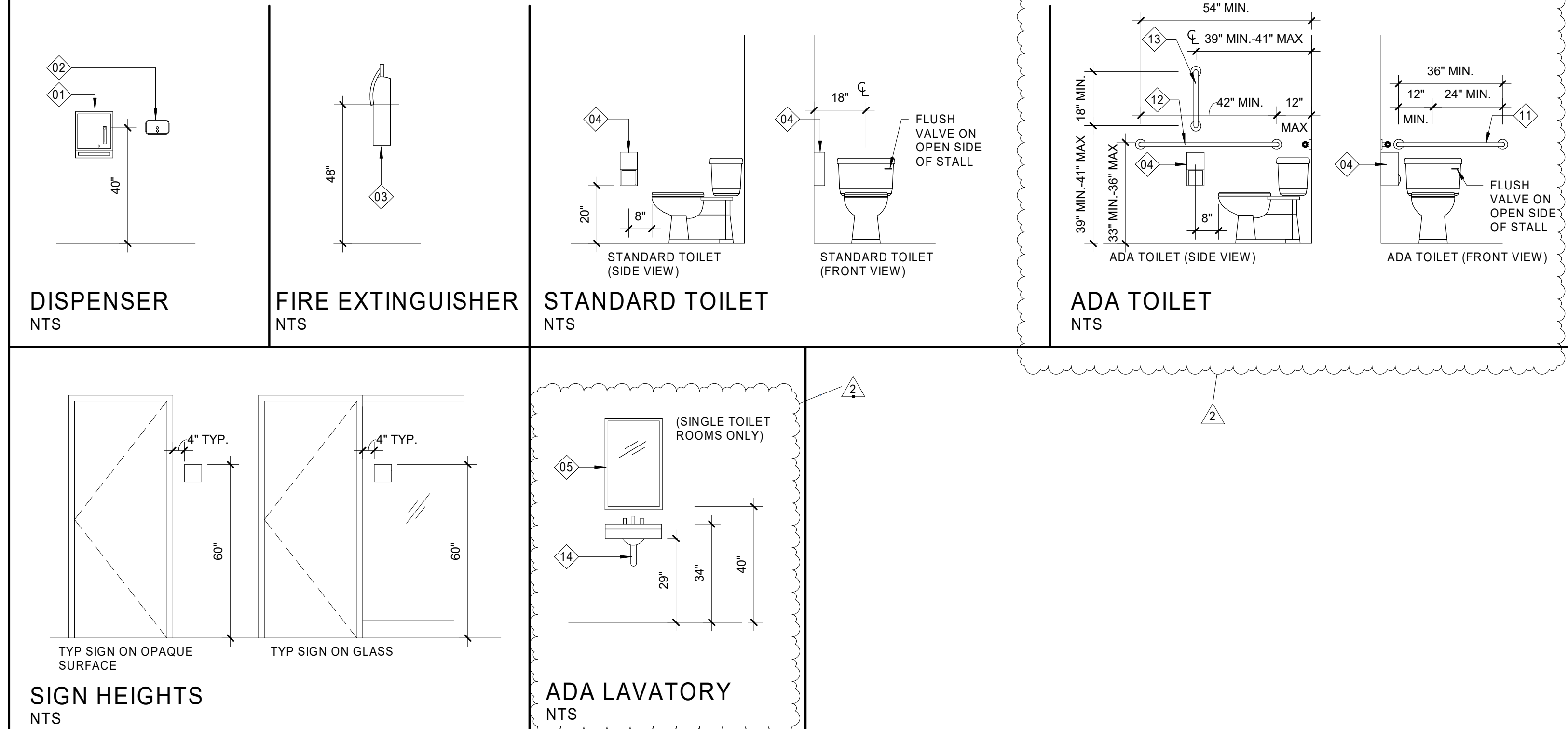
ARCHITECTURAL MATERIALS LEGEND:



FURNITURE, FIXTURES, AND EQUIPMENT LEGEND

01	PAPER TOWEL DISPENSER, NIC
02	SOAP DISPENSER, NIC
03	SURFACE MOUNTED FIRE EXTINGUISHER
04	TOILET PAPER DISPENSER, NIC
05	MIRROR
06	EYEWASH
07	STEEL LADDER
08	PIPE HANDRAIL
09	STORAGE SHELF, NIC
10	STORAGE SHELF, NIC
11	36" LONG GRAB BAR
12	42" LONG GRAB BAR
13	18" VERT GRAB BAR
14	UNDER LAVATORY GUARD

TYPICAL MOUNTING HEIGHTS AND DIMENSIONS



PROJECT INFORMATION

South Cary Water Reclamation Facility – Maintenance Facility
 with Solar
 Town of Cary
 4900 W. Lake Rd. Apex, NC 27539

SEALS



DKA JOB NUMBER

2403

REVISIONS

NO.	DESCRIPTION	DATE
2	Addendum 1	1/29/25

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DATE ISSUED

Bid Documents
 1/13/2025

SHEET TITLE

GENERAL NOTES AND LEGENDS

A001



DAVIS KANE ARCHITECTS, P.A.

503 ORBERLIN ROAD | SUITE 300 RALEIGH, NC 27605 919.833.3737 www.davisokane.com

PROJECT INFORMATION

South Cary Water Reclamation Facility - Maintenance Facility with Solar Town of Cary 4900 W. Lake Rd. Apex, NC 27539

SEALS



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DATE ISSUED

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SHEET TITLE FLOOR PLANS

A100

FLOOR PLAN GENERAL NOTES:

- 1. DO NOT SCALE DRAWINGS. REFER DIMENSION QUESTIONS TO ARCHITECT FOR INTERPRETATION.
2. ALL HINGE-SIDE JAMBS IN CMU WALLS TO BE 4" TO 8" AT A MASONRY HEAD JOINT TO INSIDE OF ADJACENT PERPENDICULAR WALL, UNLESS DIMENSIONED OTHERWISE.
3. ALL DIMENSIONS TO FACE OF MASONRY OR COLUMN CENTERLINE, UON.
4. PROVIDE CONTROL JOINTS IN INTERIOR AND EXTERIOR CMU WALLS EVERY 20' O.C. MAX, UON. MAINTAIN 2'-0" MINIMUM FROM JAMBS AT ALL OPENINGS.
5. SEE KEY NOTES AND NOTES ON PLANS FOR SPECIFIC NOTES FOR EACH DRAWING AREA.
6. SEE PLUMBING, MECHANICAL, ELECTRICAL, FIRE PROTECTION, CIVIL AND STRUCTURAL DRAWINGS FOR RELATED WORK AND ADDITIONAL REQUIREMENTS.
7. COORDINATE EQUIPMENT WORK WITH MANUFACTURERS AND SUPPLIERS TO ENSURE PROPER ROUGH-IN CLEARANCES FOR INSTALLATION, USE AND MAINTENANCE.
8. ALL OPENINGS IN MASONRY WALLS ARE TO RECEIVE LINTEL OR BOND BEAM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
9. PROVIDE SEALANT AT JUNCTION OF DIFFERENT MATERIALS UNLESS OTHER MEANS OF SEALING AND CLOSURE IS SPECIFIED.
10. PROVIDE THOROUGH FINAL CLEANING THROUGHOUT INTERIOR PRIOR TO OWNER OCCUPANCY. INTERIOR CLEANING TO INCLUDE FLOORS, BASE, WALLS, WALL-MOUNTED EQUIPMENT, FIXTURES, FURNISHINGS, DOORS, WINDOWS, FRAMES, SILLS, CEILINGS, CEILING MOUNTED EQUIPMENT AND FIXTURES.
11. VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE, CASEWORK, ETC., AND PROVIDE SOLID BLOCKING BEHIND ITEMS REQUIRING ANCHORAGE. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS. COORDINATE LOCATIONS WITH MANUFACTURER OR SUPPLIER AND REFER MOUNTING HEIGHT QUESTIONS TO ARCHITECT FOR INTERPRETATION.

FLOOR PLAN KEY NOTES

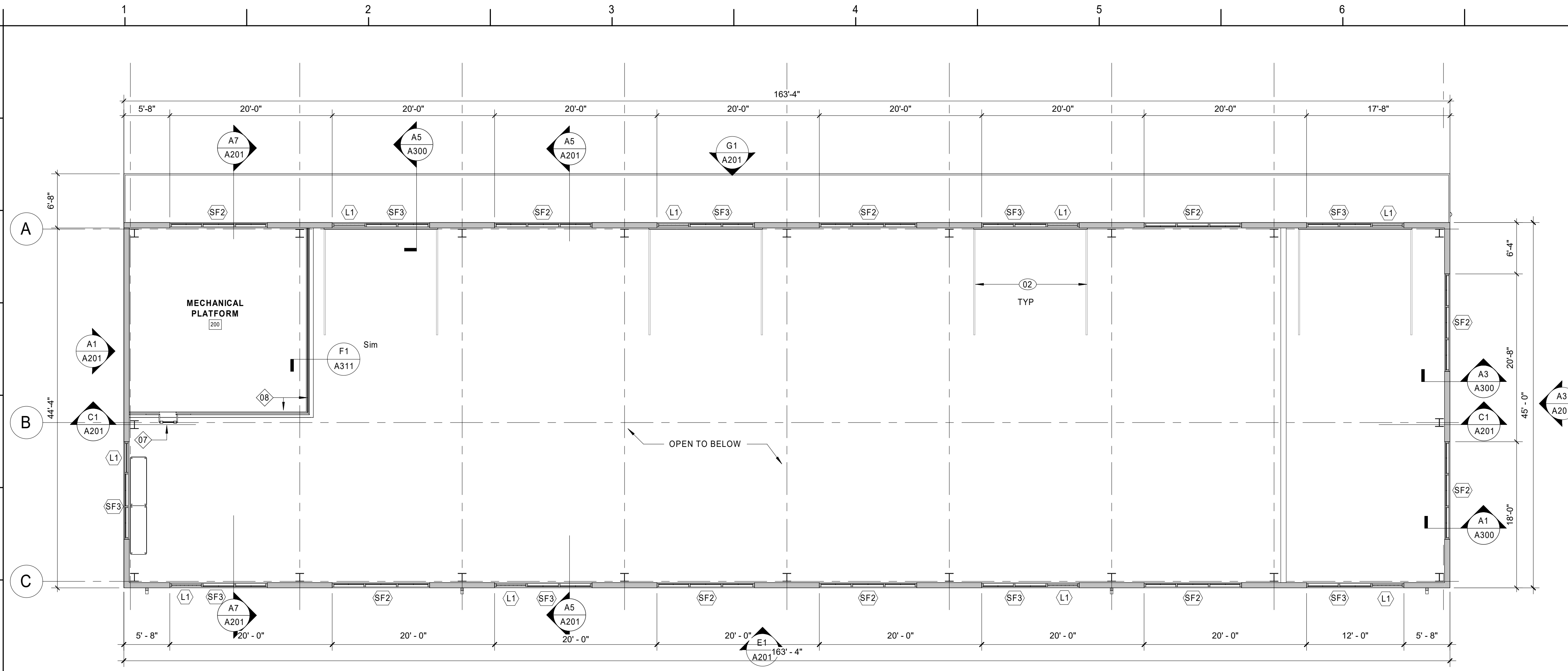
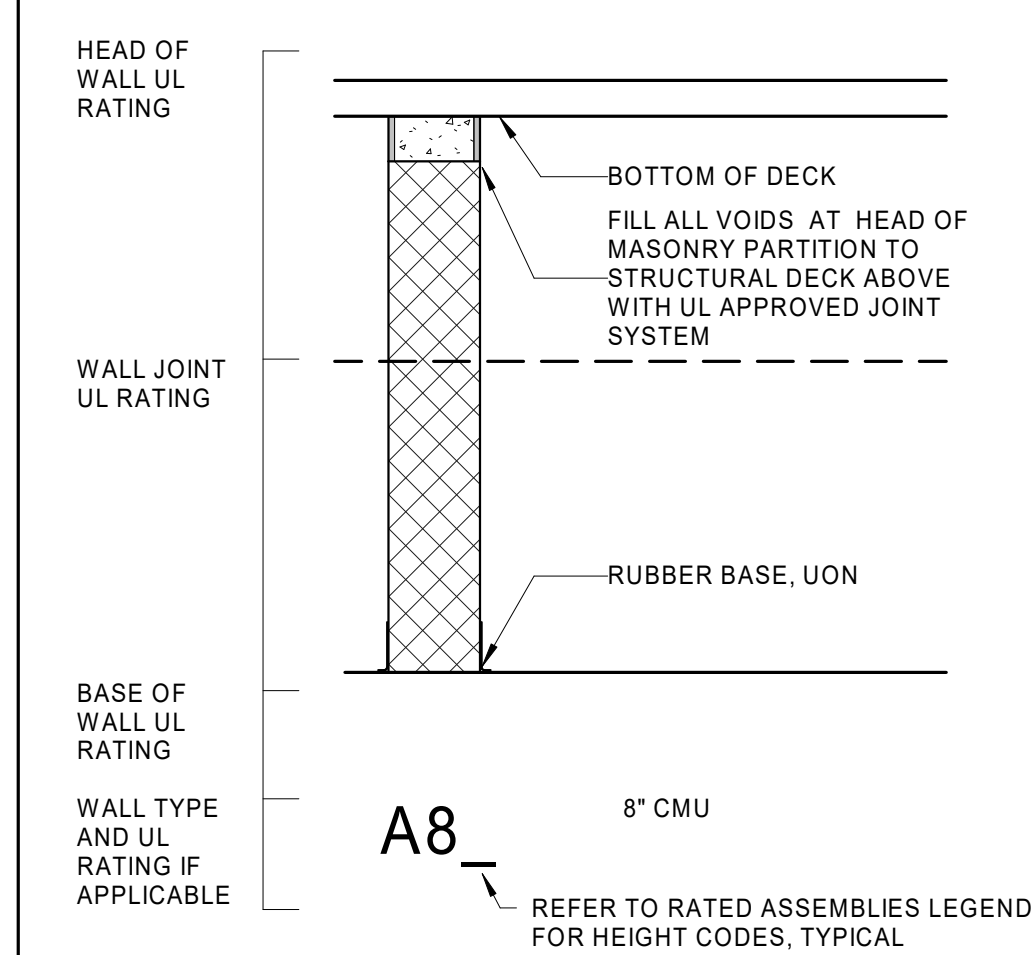
NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEETS A001 & A002 FOR FLOOR PLAN GENERAL NOTES, PARTITION GENERAL NOTES, LEGENDS, AND ADDITIONAL REQUIREMENTS.

Table with 2 columns: Number, Description. Includes items like 01 3" CAUTION STRIP TO BE PAINTED ON CONCRETE FLOOR, 02 OVERHEAD DOOR TRACK, 03 CONCRETE APRON, etc.

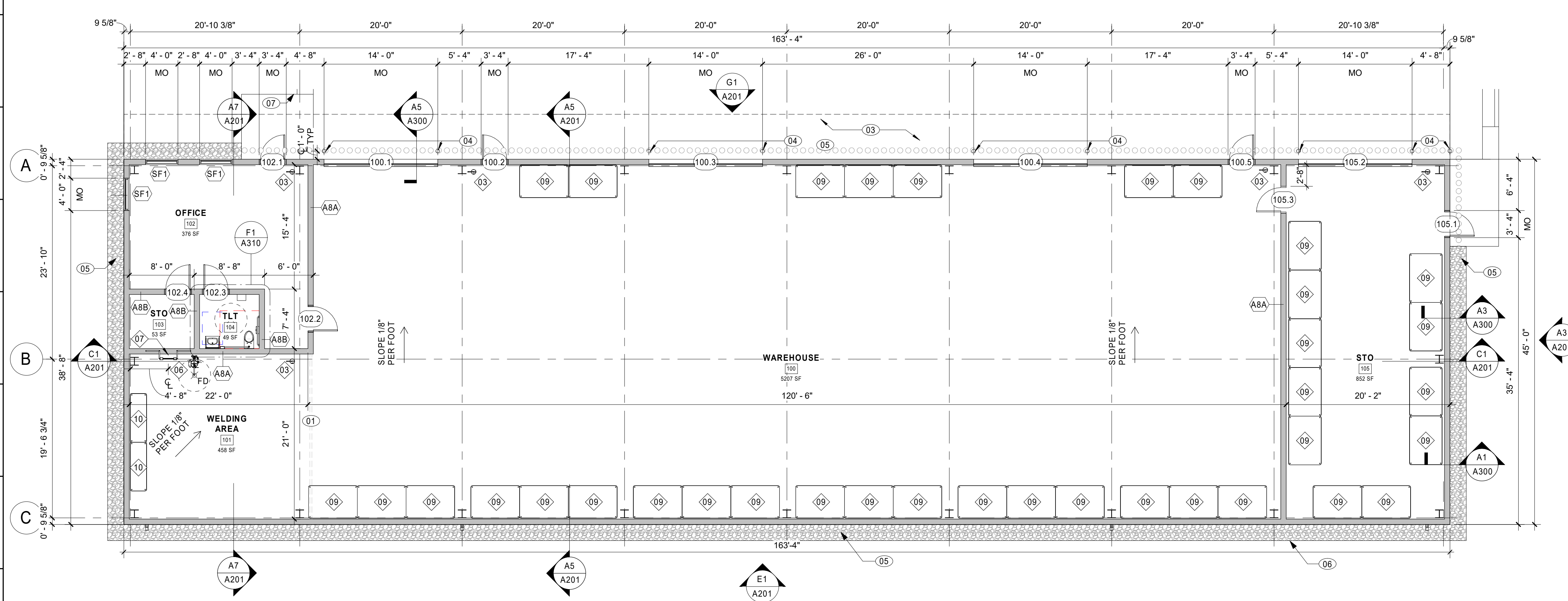
FURNITURE, FIXTURES, AND EQUIPMENT LEGEND

Legend table listing items like 01 PAPER TOWEL DISPENSER, NIC; 02 SOAP DISPENSER, NIC; 03 SURFACE MOUNTED FIRE EXTINGUISHER; etc.

INTERIOR PARTITIONS LEGEND



E1 MECHANICAL PLATFORM PLAN 1/8" = 1'-0"

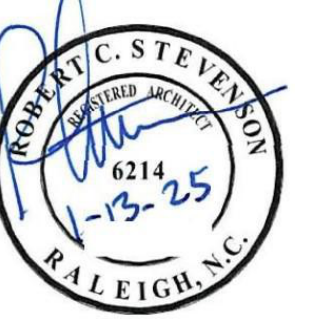


A1 FIRST FLOOR PLAN 1/8" = 1'-0"

PROJECT INFORMATION

South Cary Water Reclamation
Facility – Maintenance Facility
with Solar
Town of Cary
4900 W Lake Rd, Apex, NC 27539

SEALS



DKA JOB NUMBER

2403

REVISIONS

Number	Description	Date
2	Addendum 1	1/29/25

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PM: CV
Drawn By: SMK
Plot Date: 1/29/2025 1:14:27 PM

DATE ISSUED

Bid Documents
1/13/2025

SHEET TITLE

ROOF PLAN

A120

ROOF PLAN GENERAL NOTES:

- NEW ROOF SYSTEM INCLUDES ALL COMPONENTS AND ACCESSORIES REQUIRED TO PROVIDE A COMPLETE, WATERTIGHT AND WARRANTED SYSTEM. ITEMS INCLUDE BUT ARE NOT LIMITED TO INSULATION, TAPERED INSULATION, ADHESIVE, PRIMER, FASTENERS, ANCHORS, MEMBRANE, METAL FLASHING, COPING, GRAVEL STOP, BLOCKING PLYWOOD, DRAINS, SUMPS, CURBS, PATCHING MATERIALS, AGGREGATES, ETC.
- COORDINATE INSTALLATION OF NEW ROOF SYSTEM TO MINIMIZE THE TIME WHEN ROOF DECK IS EXPOSED TO WEATHER AND BUILDING IS SUBJECT TO WATER INTRUSION. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT WATER INTRUSION INTO BUILDING DURING CONSTRUCTION INCLUDING TEMPORARY COVERS.
- SLOPE INDICATED IN LEGEND IS A MINIMUM SLOPE MEASURED AT THE ROOF SURFACE.
- VERIFY SIZE, LOCATION, AND NUMBER OF ROOF PENETRATIONS INCLUDING VENTS, PIPES, CURBS, CONDUITS, ETC. PROVIDE PROPER FLASHING AND SEAL PENETRATIONS.
- PROVIDE A MINIMUM THERMAL VALUE OF R-30 AT ALL LOCATIONS.

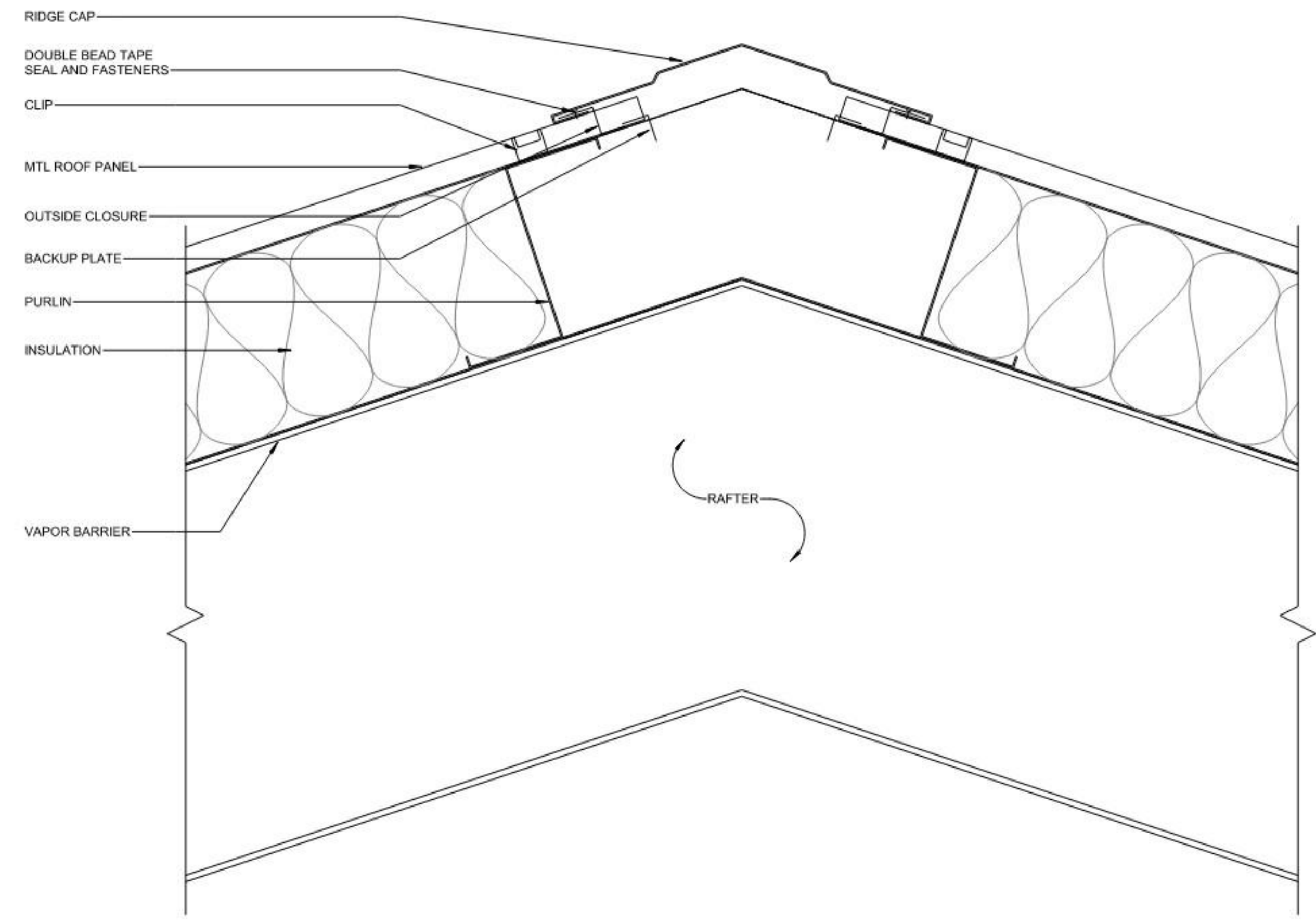
ROOF PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS.

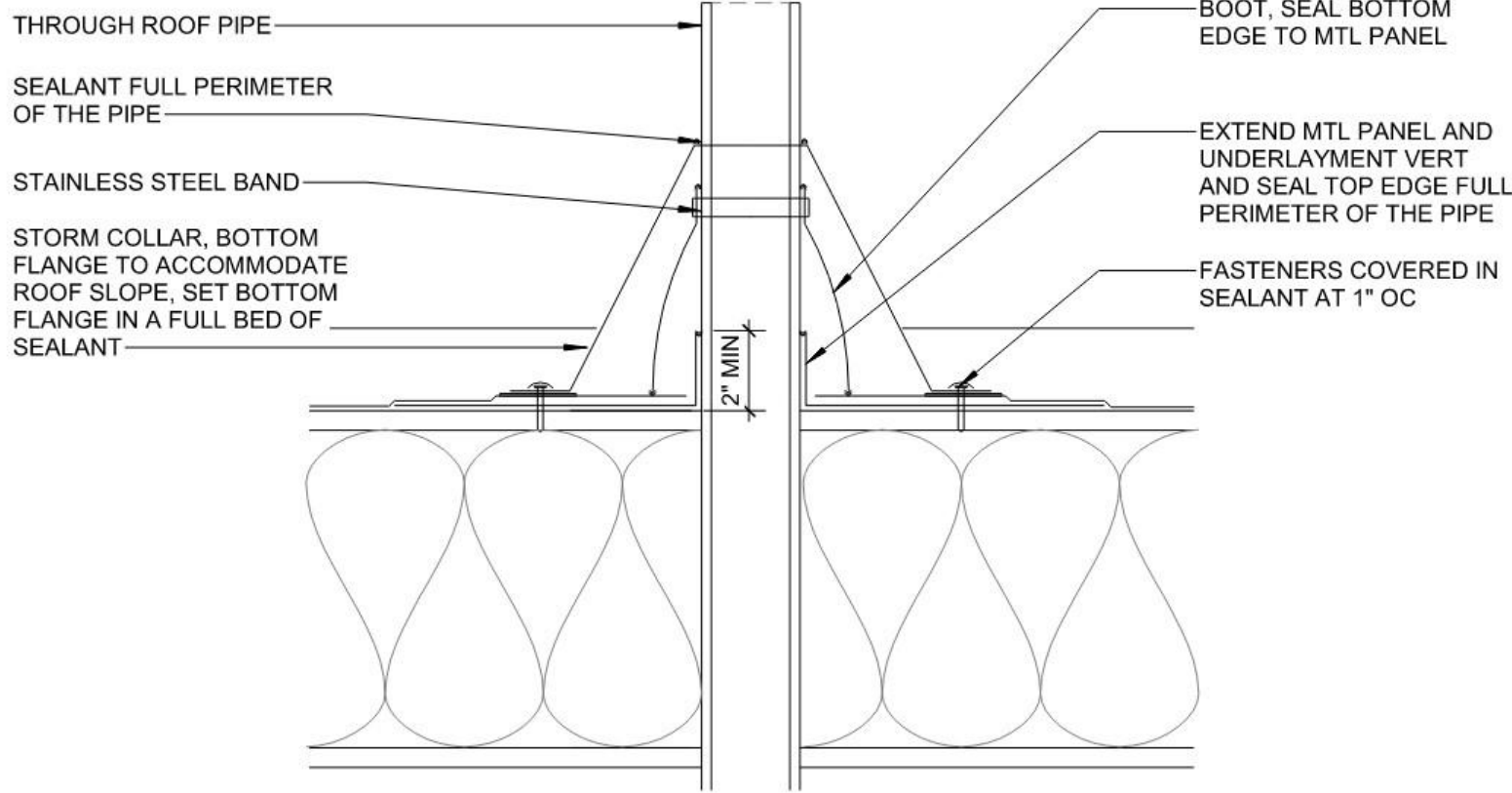
Number	Description
01	SNOW GUARD
02	PHOTOVOLTAIC PANELS, SEE PISGAH ENERGY DRAWINGS

ROOF SYMBOL LEGEND

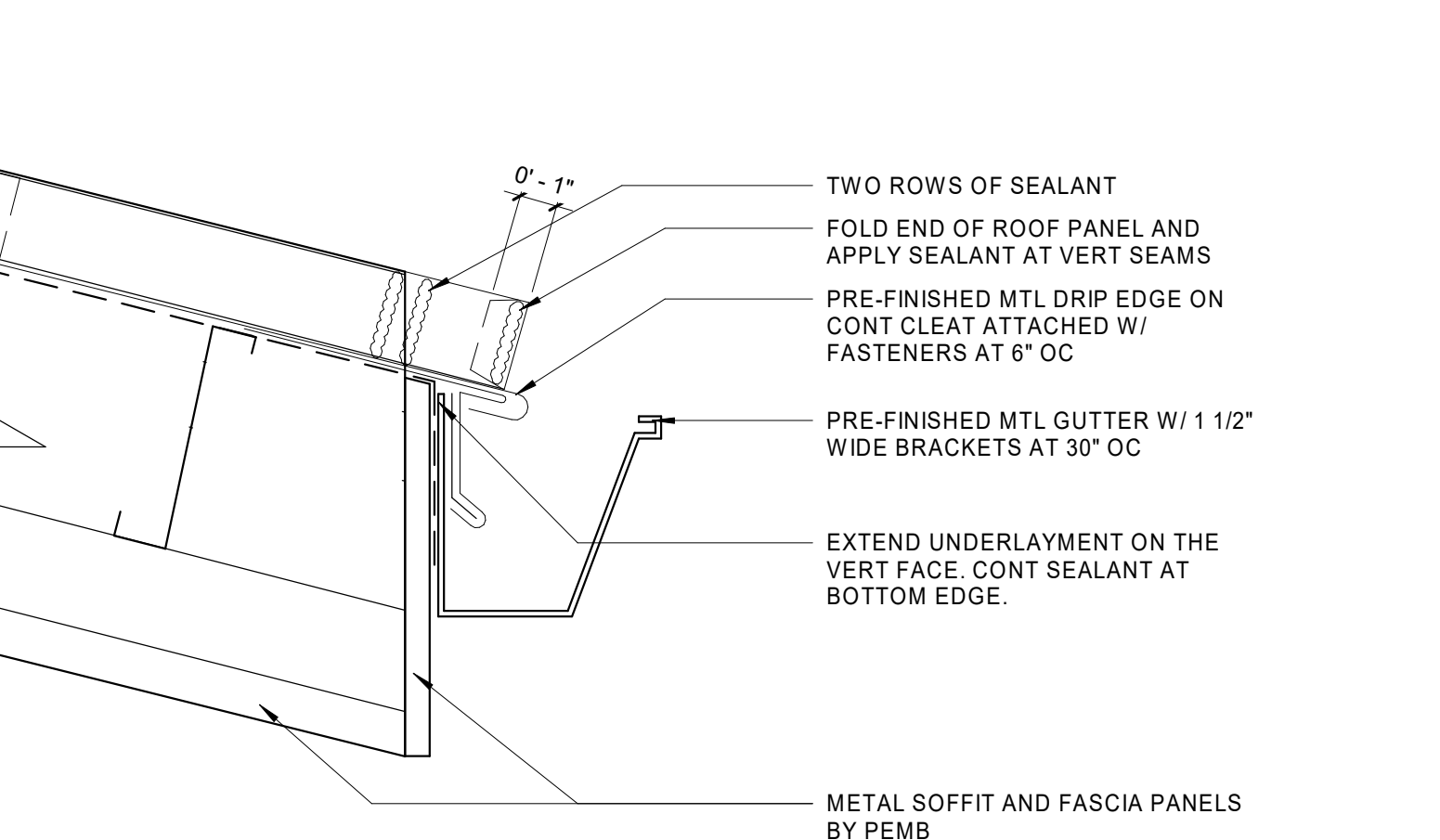
- ROOF SLOPE & DIRECTION
- EXHAUST FAN
- DS DOWNSPOUT
- VTR VENT THROUGH ROOF



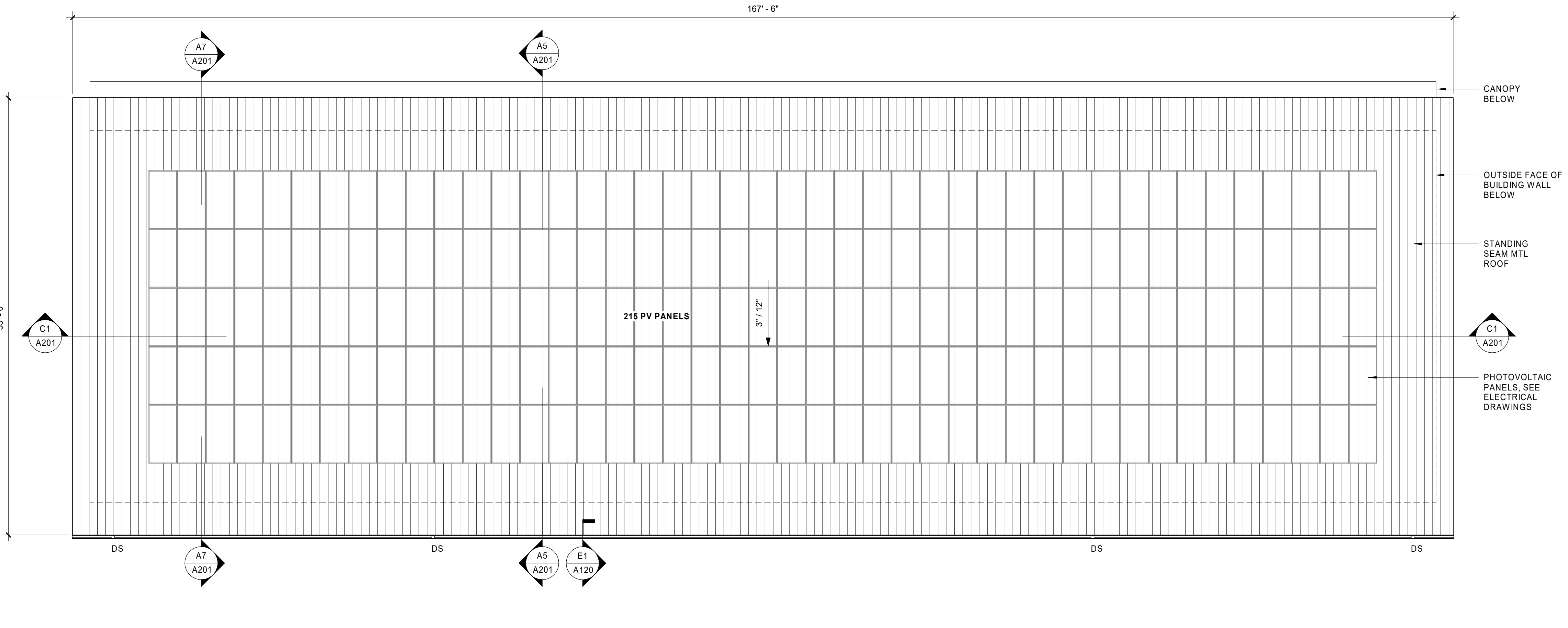
E4 TYP PEMB ROOF RIDGE DETAIL
3" = 1'-0"



G1 TYP ROOF PENETRATION
3" = 1'-0"



E1 GUTTER DETAIL
3" = 1'-0"



A1 ROOF PLAN
1/8" = 1'-0"