CITY OF TALLAHASSEE

NOTICE TO RESPONDENTS **August 4, 2025**

ADDENDUM No. 6

TLH RENTAL CAR QUICK TURNAROUND SERVICE FACILITY

1. This addendum incorporates change(s) and/or clarifications to the above referenced RFP only in the manner and to the extent stated herein and shall become part of the resulting contract.

2. Bidder must acknowledge this addendum by accepting the addendum in Bonfire.

3. If you have any questions on this or any related matter, please contact:
   E-mail: catrina.wilson@talgov.com or through FRS TDD at 771.

RESPONSE TO QUESTIONS:

Question No. 1 Please confirm the above ground fuel tank & systems will by remove by others and is not part of this contract, see sheet C203.

Response: **Above ground fuel tanks and systems will be removed by others as stated on C203.**

Question No. 2 Specifications include a metal building spec section which the plans do not indicate any metal building in the plans. Confirm there is no metal building in the contract.

Response: **There is no metal building in the plans. There are pre-engineered metal canopies.**

Question No. 3 FDOT spec F-162 indicates to include a 2 strand barbed wire; however, plans indicate a 3 strand barbed wire. Please advise which is correct.

Response: **Fence shall include 3-strand barbed wire.**

Question No. 4 Please confirm crash gates concrete footing shall be 3'-6"W x3'-6"L x2'-0"D. Also, provide details for rebar type.

Response: **Excluding the stanchion leveling pad below the stanchion footing, the crash gate footing shall be 6'W x 6'L x 4'D. Sheet C461 has been reissued to reflect a larger stanchion foundation. Refer to revised Detail 2 on sheet C462 for revised rebar details for the crash gate footing.**

Question No. 5 Sheet C401 & C402 indicate only one type of pedestrian gate to be use along the perimeter fence/fuel tank, which is 1/C464. The Type of gates does not have any access control. Please advise.

Response: The three (3) details apply to all proposed pedestrian gates. So, every pedestrian gate location should be referring to all 3 details and shall have access control:

- Detail 1 - Only shows the gate hardware without the security kit
- Detail 2 - Shows the same gate with the security kit from the outside
- Detail 3 - Shows the same gate with the security kit from the inside

Question No. 6 Please advise if the overhead doors are going to be Hi-Speed Doors or Heavy-Duty Thermal Doors? The specs call for both.

Response: **Cookson Corrosion Resistant Service & Insulated Doors (ESD20CR) as the basis of design for car wash and maintenance bay doors. See revised spec 08 33 23.**

Question No. 7 Concrete strength per the spec is indicated as 4,500PSI; however, the plans mentions 3,000 psi / 4000 psi on varies details. Please advise which concrete strength to follow.

Response: **For buildings: Concrete strength varies dependent on structural element. Refer to S000.**

For site pavements (sidewalks, driveways) refer to strengths as stated in plan details.

Question No. 8 Sheet C454 indicates a 4" concrete slab; however, section 1 on C451 indicates a 6.5" slab. Please advise which is the correct thickness.

Response: **Sheet C454 shows the sidewalk around the dumpster enclosure at 4" thick while the dumpster concrete pad and driveways are 6.5" thick on C451.**

Question No. 9 a. Section 1/C451 refers to a the fuel tank/dumpster area, that the subgrade is existing but the legend indicates its new subgrade. Please advise which is correct.

Response 9(a) The legend correctly shows existing subgrade hatch as gray and proposed subgrade hatch as solid. All new concrete pavement shall have 12" of new stabilized subgrade.

b. Also, please confirm where new concrete is placed, that it's going to be accompanied by a new 12" stabilized subgrade.

Response 9(b) Correct. All new concrete pavements shall have 12" of new stabilized subgrade. All building pads and sidewalks shall not have stabilized subgrade.

Question No. 10 Bid form does not include a line item for phase 2 work. Please advise.

Response: **Phase 2 demolition shall be paid under the lump sum price for clearing and grubbing. See note 3 on C203 and revised pay item in description.**

Question No. 11 Please advise which plate barrier gate option to include in the contract.

Response: **Bids can be based on either plate barrier option shown, based on the most economical available option.**

Question No. 12 Please advise which line item will the parking control equipment will be input.

Response: **Item 30, F-167-8.1.**

Question No. 13 Please confirm that the quantities on the owner's bid form for the landscape are the correct versus the plans. The Plans indicate different quantities and plants.

Response: **The bid form has been revised and included with this addendum.**

Question No. 14 Is 'Form 1 References', required for this bid? If it is required, where is the referenced 'Request for Supplier Qualifications' ?

Response: **Yes. See Attached A document for revised Form 1 with the "Request for Supplier Qualifications" language removed.**

Question No. 15 Waste and vent floor plans P-102, 104, & 106 show a box with FS next to it. I assume this is a floor sink? There is nothing scheduled for a floor sink and there is also nothing called out in specifications sections 22 13 19 or 23 13 19.13 unless this is the square floor drain specified in the spec 23.13 19.13 as a watts FD-100M. Please clarify.

Response: **The FS designation refers to a floor sink. Provide Watts Model FS-740 per detail D/P501.**

Question No. 16 Please specify which type of joint sealant detail to follow for Type F.

Response: **The Type F joint sealant is shown on Detail 4 on sheet C457.**

Question No. 17 Please advise which line item do we place the (3) bike racks that are in C400. Also, provide specs for the racks.

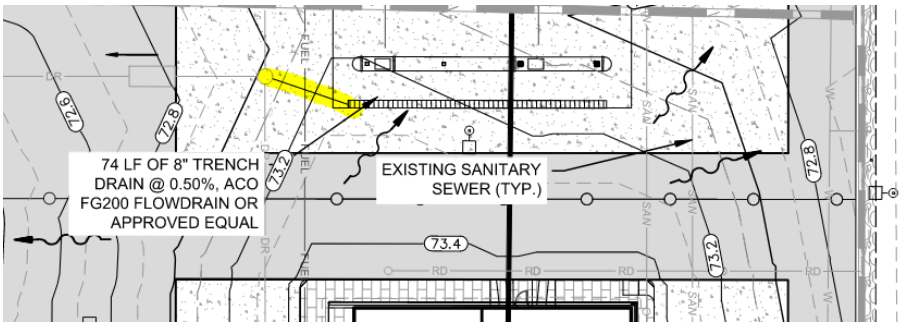
Response: **Bike racks have been removed from project.**

Question No. 18 Sheet C703 indicates Type B expansion joint around the trench drain; however, the concrete joint layout plans show a portion of the trench drain to have Type C. Please advise which governs.

Response: **Provide Type C per concrete joint layout.**

Question No. 19 Please locate the 8" storm drain per the bid form in the plans, it's not shown.

Response: **Correct, this was inadvertently not labeled on C701. The 20 LF of 8" storm pipe in the bid form is between building A and B to connect the new trench drain to an existing storm manhole. See image below to clarify location.**



Question No. 20 Sheet C701 indicates (2) 6" PP pipe on building A east & west sides; however, one of them is greyed out which appears to be existing another one is dark black line which indicates a new pipe. Please advise if the greyed-out pipe is new.

Response: **The greyed out 6" PP pipe to the west of the building A is existing. The black 6" PP pipe east of building A is new.**

Question No. 21 Sheet C801 & C802 indicate 10ea. "Install cleanout on existing pipe stub" additional to the quantity listed on the bid form of 3 new ones. Please advise if these are to be included in the same line item.

Response: **Revised bid form for 15 cleanouts total.**

Question No. 22 Sheet C801 & C802, indicate to "Extend 2" condensate drain to trench drain,..) please confirm this cost will be allocated in the trench line item on the bid form.

Response: **Confirming that the condensate drain shall be incidental to the cost of the trench drain.**

Question No. 23 Please provide a layout of gas piping to equipment required on HVAC drawings, & confirm that the gas service to the building will be done by the local utility company

Response: **The gas piping is included on the FG sheets. Sheet FG100 indicates that the respective meters and regulator assemblies need to be coordinated with the City of Tallahassee.**

Question No. 24 Will exposed gas piping within the buildings required to be painted?

Response: **Gas piping within the buildings is required to be painted.**

Question No. 25 I represent Emerald Coast Marketing & Vending, a local provider of vending machine solutions. We specialize in placing and servicing vending equipment for employee and customer convenience at high-traffic facilities.

I'm reaching out to inquire whether there will be any opportunities for vending services (snack, beverage, or combo machines) at the new TLH Rental Car Quick Turnaround Service Facility upon its completion.

If vending services will be included in future phases, or if there's a point of contact for facility operations and amenities, please advise on the best way to submit our interest or proposal

Response: **Thank you for your interest in this project, but your products are outside the scope of this project. Please reach out separately to the Airport Properties and Business Development (850-891-7821) for business inquires.**

Question No. 26 Please provide the depth of the fuel canopy footings.

Response: **The fuel canopy foundations and footings shall be determined by canopy manufacturer as part of the delegated design submittal. Top of footings typically to be minimum 2'-0" below grade but should be verified. Confirm depth of footings allows sufficient clearance for the internal column storm pipe to turn out under the slab and tie into the storm system. Refer to Structural drawings and Architectural sheet A301 for additional criteria and notes.**

Question No. 27 Please provide scales for details on sheet S500, S501, S510, S530, S531 which do not have a scale.

Response: **Details are not drawn to scale as noted in plans.**

Question No. 28 It looks like there is only Lintel size given 7 x 7 x 1/2 bent plate. This looks like it would be standard for typical door openings. But there is not a lintel size given for the larger openings (bay door openings). Please advise what size to provide.

Response: **The steel lintel size is for all opening spans. Refer to the precast lintel schedule for span conditions.**

Question No. 29 Please provide an enlarged detail of the canopy in front of the entrance of each building. Is it a louver setup or guttered system.

Response: **Refer to specification section 10 73 16, 2.2 B for the Basis-of-Design characteristics. Refer to wall sections and metal panel details (A510). The specified products are both louvered.**

Question No. 30 There is no spec section for the sealed concrete. Please provide a spec section for this.

Response: **See added specification section 03 36 00 for SC-1 and section 09 91 23 for SC-2.**

Question No. 31 SC-2 is listed on the finish legend and said to be located in "Shared Breakroom". Please clarify the location of SC-2, as there is no room listed as such.

Response: **Please see revised finish legend and schedule indicating final finish selections and locations. SC-1 to be located in storage and support spaces as indicated, SC-2 to be located in car wash bays and maintenance bays.**

Question No. 32 RCP Sheet A150C shows room 313 Restroom at 10'6", elevations on sheet A404 show at 9'. Please clarify which elevation to run tile up to.

Response: **All restroom ceilings to be 9’-0” AFF.**

Question No. 33 Sheets A130A, A130B, and A130C all show two walk off mats provided by tenant. Are these simply removeable mats, or do they need to be installed? If installed, is there specs on them?

Response: **Walk off mats to be removeable mats provided by tenant (FF&E), not to be recessed or require installation.**

Question No. 34 In the gypsum wall board spec section, level 5 finish is called out. It is listed as "Where indicated on drawings", however, I did not see anywhere in the drawings where level 5 finish is. Please clarify.

Response: **If no locations are indicated on drawings, please proceed with typical finish level as specified.**

Question No. 35 Please provide the locations of corner guards. The finish schedule states, "gypsum board corners". Does this mean all corners, or select locations?

Response: **Tape-on corner guards to be installed at all exterior 90-degree corners for protection interior gypsum board walls. See spec section 10 26 00.**

Question No. 36 Is Builder's Risk required or is it to be provided by Owner?

Response: **No.**

Question No. 37 Please provide info + details on what the existing access control system is on property.

Response: **Software House C*Cure 9000 and Video Management System is American Dynamics Victor.**

Question No. 38 The Finish schedule on A020 shows a 4” integral base, but the elevation drawings on A404 show a 6” integral base. Please advise.

Response: **Integral epoxy base to be 6”, see revised finish legend.**

Question No. 39 CWT-2 tile mentions bullnose trim, but nowhere is listed of where it could be as the restrooms call for epoxy base. Please advise.

Response: **Bullnose trim not applicable, finish legend revised. All wall tile to have necessary trims as required.**

Question No. 40 The Room schedule shows each Jan room is to receive two walls of CWT-1 and PT-1, with CWT-2 at the mop sinks, however there are no elevations listed or drawings to base these off. Please advise.

Response: **To be Rigid Vinyl Panel at mop sink. See updated finish legend and room schedule on sheet A020 and elevation on sheet A404 for extents.**

Question No. 41 Please provide a specification for the site lighting and light poles to include required pole heights. Site light fixture is not scheduled on the fixture schedule.

Response: **BOD: Gardco, ECF-L-80L-1A-NW-G2-AR-4-277-CM50IMR17-TLRD7-SP2-BZ**
POLE MOUNTED SITE LIGHT LED FIXTURE.TYPE 4 DISTRIBUTION. WITH AUTOMATIC PROFILE DIMMING MOTION/AMBIENT SENSOR CONTROL AND 7-PIN RECEPTACLE WITH SHORTING CAP. 25' HIGH 5" DIA. 7GA ROUND STRAIGHT, STEEL POLE WITH SQUARE BASE COVER. FINISH: DARK BRONZE.

Question No. 42 There are two stacked vacuum producers located in the very small mechanical rooms. I'm not sure if they are both are connected to the same system, is one for redundancy or does each one service a separate hose at the fuel island?

Response: **They are connected to the same system such that if one motor goes down, they still can use ½ the hoses. Confirm that adequate HVAC has been provided for this room.**

Question No. 43 Safety aisle striping is called out as keynote 8 on sheet A400A-2. There is not a specification for the paint of this. Please provide a specification on this.

Response: **No striping to be included in this location. Safety aisle shown as an area to remain clear for egress purposes.**

Question No. 44 Section 083323 - Overhead Coiling Doors describes an overhead coiling door and the plans visually depict coiling doors on the Maintenance Bays, Car Wash Bays and Car Wash Equipment Rooms. However, the basis-of-design door listed in this section, the Rytec Spiral VP Lower Speed Lower Cycle Rigid Door, is not a coiling door and is only available in standard lift, high lift and full vertical lift track configurations. Please provide clarifications on the type of overhead door needed and revised specifications, if necessary.

Response: **Cookson Corrosion Resistant Service & Insulated Doors (ESD20CR) as the basis of design for car wash and maintenance bay doors. See revised spec 08 33 23.**

Question No. 45 I'm trying to submit a substitution request for a product on this job and not quite sure how to do that? I was told to do it in Bonfire but not quite understanding where to upload the request.

Response: **For submitting a questions in Bonfire, please refer to the instruction below:**

There is no charge to register, download, or submit a response with Bonfire. Instructions to access the City's solicitation platform – Bonfire. To access available business opportunities, you must register with the City's Procurement Portal/Bonfire. There is a 5-minute video on the Vendor Registration and Submission process and step-by-step instruction guide for Vendor Registration – Support in the event additional guidance is needed during the registration process.

Question No. 45 In both spec section 09-30-00 (Tiling) and spec section 09-68-13 (Tile Carpeting) there is a list of installer qualifications. Will these be applicable in this project?

Response: **Yes, qualifications required per specification.**

Question No. 46 The foundations plan indicate an "Pipe8STD" on the entrance of each building. Please advise if it needs to be hot dipped galvanized.

Response: **Refer to A201 for finishes.**

Question No. 47 Please advise if housekeeping pads are required for carwash system pumps.

Response: **Include in the price for housekeeping pads under base bid items for carwash system.**

Question No. 48 Please advise if GC needs to include material testing on the bid or its by owner.

Response: **The specifications indicate testing items provided by owner. All testing noted in the specifications that does not indicate testing by owner are the responsibility of the General Contractor per the requirements of Division 01 Specification Sections.**

Question No. 49 I'm wanting to submit Henry Air bloc 16MR as a substitution for CCW Barriseal in the Fluid applied membrane air barrier section 072726. I can provide a datasheet and comparison chart if needed. To show that Air bloc 16MR is compatible.

Response: **Please provide pricing for the basis of design product for bidding purposes. If the proposed substitution is believed to be an equivalent product, you may submit data sheets and product comparison for review. Formal shop drawing and submittal review will occur following contractor selection.**

Question No. 50 Fuel equipment schedules on drawings QFS600-QFS602, provides item numbers and pieces of equipment required. However, referencing floorplans QFS100A- QFS100T, all equipment is called out by letter like "T-1", "SP-1", "D-1", ETC., rather than by item number. The only place the provided item numbers are called out correctly is within the fueling details, shown on drawings QFS502, QFS503, and QFS504. Can you please provide correct item number designation on the fueling system floorplans and schedule referenced above, for use of takeoffs and understanding which items are needed and in what areas.

Response: **T-1 Fuel Tank, Item 1, SP-1 Submersible Pump Item 36, D-1 Dispenser Item 34, PS Piping Sump Items 29 &30, PTS Piping Transition Sump Item 31.**

Question No. 51 Finish schedule on drawing A020, following the addendum #4, does not clearly state where CBG-1 (Carbo guard 1340) is to be applied. Please confirm if it will be applied over PT-3 or PT-4.

Response: **Carboguard 1340 to be applied over both PT-3 and PT-4; to be applied on all walls and ceilings throughout car wash bays. See revised finish legend and room finish schedules.**

Question No. 52 Please provide equipment designations for equipment abbreviations (CR, DC, RX) shown for low voltage devices called out at exterior doors on sheets E203-E206.

Response: **CR (card reader), DC (door contact), RX (Request for Exit). Requirements are indicated on detail B&D/E501.**

Question No. 53 No model numbers are provided for the car wash system, only a manufacturer. Please provide model numbers for wash system.

Response: **See specifications Part 2 Products.**

Question No. 54 We understand that digital coordination drawings are required for coordination of trades per bids documents.

A). Please confirm that the base model files (Revit/Civil 3D) will be provided.

Response 54(a) **The electronic files may be provided to the contractor after contract award and following execution of a release form. These electronic files and any information contained therein are released and transferred as a courtesy and solely for the contractor's convenience. Contract**

documents shall govern. Model integration and clash detection is not required and would be the sole responsibility of the contractor.

B). Are full 3D shop drawings required for all trades, or only for coordination in specific areas (e.g., mechanical rooms, plenum spaces)?

Response 54(b) **See response 54a above.**

C). Will a central BIM/VDC coordinator (GC/CM or Owner) be facilitating model integration and clash detection?

Response 54(c) **See response 54a above.**

Question No. 55 A). Spec Section 08 33 23 calls for a coiling door with barrel and slatted curtain, however names Rytec Spiral VP, which uses a track that rolls back 90 degrees, much like a residential garage door and does not coil. Please confirm intent.

Response 55(a) **Cookson Corrosion Resistant Service & Insulated Doors (ESD20CR) as the basis of design for car wash and maintenance bay doors. See revised spec 08 33 23.**

B). Documents specify 90 cycles/day, while Spiral VP is a lower-cycle model. Please confirm if lower cycle Rytec Spiral VP or a door that meets higher cycle requirement and coils as specified, such as Rytec's standard spiral is required

Response 55(b) **Cookson Corrosion Resistant Service & Insulated Doors (ESD20CR) as the basis of design for car wash and maintenance bay doors. See revised spec 08 33 23.**

Question No. 56 Confirming C459 Fence details pertain to the indicated Internal QTA fence typical on C400.

Response: **Correct, the "Internal QTA Fence" callouts on Sheets C401 and C402 are for the internal fence details shown on Sheet C459.**

Question No. 57 Confirming C460 is the detail for the internal Fire Lane Access Swing gates per C400

Response: **Correct, the "Internal QTA Swing Gate" callouts on Sheets C401 and C402 are for the internal swing gate shown on Sheet C460.**

Question No. 58 Confirming C458 Airfield Fence Details are to be used for the perimeter fence as per C401 & C402 and not the C459 QTR Fence details.

Response: **Correct, the "10' QTA Perimeter Fence (Galvanized)" callouts on Sheets C401 and C402 are for the entire QTA perimeter fence shown on Sheet C458.**

Question No. 59 Confirming per the original ITB the Davis Bacon requirement has been deleted.

Response **SECTION D - DAVIS-BACON REQUIREMENTS (29 CFR PART 5) has been deleted and will not be required for this project.**

Question No. 60 Please provide revised bid form per the DBE participation noted at the pre-bid site walk.

Response: **See attached Revised Attachment "B" Bid Form.**

Question No. 61 Confirming the fuel tanks and system removals will be handled by owner(s) direct for phase 2.

Response: **See response to Question 1.**

Question No. 62 Confirming phase 2 existing electrical infrastructure demolition will be by utility company direct or advise if only safe off is to be anticipated via utility company

Response: **Contractor will be responsible for obtaining the demolition permit and all permit fees to be paid by TLH. COT Electric will remove all overhead distribution lines to point of service. Contractor to remove all electrical past point of service.**

Question No. 63 Please provide specifications and spacing requirements for the piping supports shown on sheet QM500.

Response: **See specifications for pipe spacing Part 3 Execution.**

Question No. 64 Sheet QFS300 shows a symbol that is not called out in the legend. Is this symbol a part of a fire suppression system or is it a light fixture. Please clarify.

Response: **Assuming the symbol is a triangle it most likely is a light fixture, see electrical to confirm.**

Question No. 65 Two bid forms were provided in addendum 4 (beginning of the document and the end). Sheet numbers are different for both. Please review and resend intended bid form for use with alternates for clarity.

Response: **See response to Question No. 60.**

Question No. 66 (a) Who is responsible for getting the permits for this project? Is there a budget for the project?

Response 66(a) **Owner has received site/civil Environmental Management Permit with City of Tallahassee and Environmental Resource Permit with Northwest Florida Water Management District.**

Building permit has been submitted for and will be finalized following contractor selection. TLH to pay all permit fees directly.

NPDES and demolition permits are the responsibility of the contractor.

(b) The drawings show (10) fuel dispensers with an extra fuel island and two dispensers on Bldg. A but the specs state only (8) dispensers. Which is correct?

Response 66(b) **This was corrected in Addendum #4.**

(c) Where is the information concerning Alt1 and the EV Chargers?

Response 66(c) **Refer to sheets B100, B101 and B102.**

(d) Is the concrete topping on the decks going to be light weight or structural concrete?

Response 66(d) **Concrete topping shall be normal weight concrete.**

(e) Please clarify that security/background clearance is not required.

Response 66(e) **Badging is not required.**

(f) Who is responsible for the removal/demolition of the power lines and infrastructure at the existing rental car facility? Will the city remove all poles and lines?

Response 66(f) **See response to Q62.**

(g) Will all items be removed from each existing car rental building such as lifts, oil storage units and any other equipment?

Response 66(g) **Yes.**

(h) Is there a crane height restriction in this area?

Response 66(h) **Crane heights cannot exceed 150' within the project area.**

(i) Can we turn in a lump sum cost on bid day and within 24 hours turn in the detailed breakdown/unit price list if deemed the low bidder?

Response 66(i) **Any bidder submitting an in-complete Bid Form will be deemed non-responsive. This may include not submitting pricing for all items on the Bid Form, notating the Bid Form in anyway, or anything else that may prevent the City from evaluating the bid.**

Question No 67	All the exterior doors and frames seem to be 7'2" doors and 4-inch heads on the frame This would end up in-between blocks is this information correct please verify.
Response:	**The 7'-2" doors are at locations where there is a 6" curb. The 7'-0" doors are at locations with no curb and a sill height of 0'-0". All frames are coursing with the block. Refer to exterior elevations.**
Question No. 68	Confirming no airport badging requirements will be required due to location of this improvement.
Response:	**Badging is not required.**
Question No. 69	Please advise if housekeeping pads are required for carwash system pumps.
Response:	**Include in the price for housekeeping pads under base bid items for carwash system.**

CHANGES/CLARIFICATINS

1- Revised Bid form v3 is attached to this Addendum No. 6. as a PDF. In addition, the excel sheet is also attached separately.

2 - Additional documentation.

END OF ADDENDUM NO. 6

TALLAHASSEE INTERNATIONAL AIRPORT

Addendum No.:	6
Solicitation Title:	Invitation for Bid No. 010-25-CW TLH Rental Car Quick Turnaround Facility
Addendum Date:	July 28, 2025

THE FOLLOWING ITEMS HEREBY BECOME A PART OF THIS SOLICITATION:

DRAWINGS:

REMOVE and REPLACE the following sheets with the attached sheet in this Addendum:

- C400 – SITE PLAN
- C461 – CRASH GATE DETAILS
- C462 – CRASH GATE DETAILS
- A020 – FINISH SCHEDULE & FINISH LEGEND
- A404 – TYPICAL ENLARGED RESTROOM ELEVATIONS

SPECIFICATIONS:

REMOVE and REPLACE the following specifications in its entirety with the attached specification in this Addendum:

- 03 36 00 – Sealed Concrete
- 08 33 23 – Overhead Coiling Doors
- 10 26 00 – Wall Protection

BID FORM:

REPLACE Bid Form with Attached Bid Form. Updated to revise plant types.

ATTACHMENTS:

- Plan sheets listed under Drawings
- Updated Bid Form

Addendum No. 6 - REVISEDN - TALLAHASSEE INTERNATIONAL AIRPORT TALLAHASSEE, FLORIDA

RENTAL CAR QUICK-TURNAROUND FACILITY BID FORM

BASE BID

Bid Item Number	Spec/Sheet Item Number	Item Description	Bid Price Per Unit *(In Numbers)*	Est Qnty	Unit	Total Amount Per Item *Unit Price Times Est Qnty*
		GENERAL CONDITIONS				
1	100 - 1	MOBILIZATION	$	1	LS	$
		SITE/CIVIL				
2	104 -1	TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES	$	1	LS	$
3	110-1	***CLEARING AND GRUBBING (DEMOLITION OF EXISTING RENTAL CAR SITE AS NOTED ON C203)***	$	1	LS	$
4	110-2	REMOVE EXISTING ASPHALT PAVEMENT AND BASE COURSE	$	2,800	SY	$
5	110-3	REMOVE EXISTING STORM OR UTILITY PIPE, UP TO 8" DIAMETER	$	150	LF	$
6	120-1	REGULAR EXCAVATION	$	6,700	CY	$
7	160-1	SUBGRADE STABILIZATION, LBR 40, 12-INCH DEPTH	$	10,700	SY	$
8	285-1	LIMEROCK BASE COURSE, 4-INCH DEPTH	$	9,800	SY	$
9	285-2	GRADED AGGREGATE SURFACE COURSE, 4-INCH DEPTH, INCL. FILTER FABRIC	$	1,500	SY	$
10	334-1	SUPERPAVE ASPHALTIC CONCRETE SP-9.5, 0-INCH TO 1-INCH THICKNESS	$	1,830	TON	$
11	350-1	CEMENT CONCRETE PAVEMENT, 6.5-INCH DEPTH	$	9,700	SY	$
12	436-1-1	TRENCH DRAIN	$	455	LF	$
13	520-1	CONCRETE TRAFFIC SEPARATOR, 6-FT WIDTH	$	820	SF	$
14	520-2	PRECAST CONCRETE WHEEL STOP	$	34	EA	$
15	522-1	CONCRETE SIDEWALKS AND DRIVEWAYS	$	***1,030***	SY	$
16	536-1	GUARDRAIL, END TREATMENTS INCIDENTAL	$	2,400	LF	$
17	570-1-1	PERFORMACE TURF, SEED	$	16,400	SY	$
18	570-1-2	PERFORMACE TURF, BAHIA SOD	$	330	SY	$
19	700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, < 12 SF	$	6	EA	$
20	710-90-1	PAINTED PAVEMENT MARKINGS, STANDARD, 6" SOLID	$	12,000	SF	$
21	710-90-2	PAINTED PAVEMENT MARKINGS, STANDARD, ARROW	$	6	EA	$
22	710-90-3	PAINTED PAVEMENT MARKINGS, STANDARD, OTHER	$	140	SF	$
23	F-162-5.1	CHAIN-LINK FENCE, 10-FT HEIGHT, 3 STRANDS BARBED WIRE, GALVANIZED	$	1,900	LF	$
24	F-162-5.2	QTA MOVEABLE INTERNAL FENCE MOUNTED ON TYPE K BARRIER	$	850	LF	$
25	F-162-5.3	FUEL TANK ENCLOSURE FENCE, 10-FT HEIGHT	$	170	LF	$
26	F-162-5.4	INTERNAL QTA SWING GATE, 20-FT OPENING	$	2	EA	$
27	F-162-5.5	MANUAL PEDESTRIAN GATE W/ SECURITY KIT	$	5	EA	$
28	F-165-8.1	ALUMINUM CANTILEVER SLIDE GATE, 36-FT OPENING	$	3	EA	$
29	F-166-8.1	CRASH-TESTED ALUMINUM SWING GATE, 20-FT OPENING	$	2	EA	$
30	F-167-8.1	ACCESS CONTROL SYSTEM - SPIKES STRIPS, PLATE BARRIERS, TRAFFIC ARMS, KEYPAD PEDESTALS, AND APPURTENANCES, PER QTA PARTITION	$	3	EA	$

RENTAL CAR QUICK-TURNAROUND FACILITY
BID FORM

BASE BID

Bid Item Number	Spec/Sheet Item Number	Item Description	Bid Price Per Unit *(In Numbers)*	Est Qnty	Unit	Total Amount Per Item *Unit Price Times Est Qnty*
31	04 22 00	DUMPSTER ENCLOSURE, CMU, 10-FT HEIGHT, GATES INCLUDED	$	3	EA	$
32	26 02 00-4	POWER CABLE (HIGH VOLTAGE)	$	1	LS	$
33	26 02 00-5	POWER CABLE (LOW VOLTAGE)	$	1	LS	$
34	26 05 33	CONDUIT, FURNISH & INSTALL, UNDERGROUND (OPEN TRENCH)	$	7,050	LF	$
35	26 56 19	LIGHT POLE COMPLETE, FURNISH & INSTALL	$	22	EA	$
36	28 12 01-1	TLH ACCESS CONTROL CABINET	$	3	EA	$
37	28 12 01-2	RAC ACCESS CONTROL CABINET	$	3	EA	$
38	28 12 01-3	ACCESS CONTROL IMPLEMENTATION IN BUILDING	$	3	EA	$
39	28 12 01-4	FIBER OPTIC CABLE, UP TO 24 STRAND	$	1	LS	$
40	28 20 00	CCTV CAMERA AND EQUIPMENT, FURNISH & INSTALL	$	7	EA	$
41	32 39 15-1	SLEEVED STEEL BOLLARD	$	145	EA	$
42	32 39 15-2	SLEEVED STEEL U-BOLLARD	$	20	EA	$
43	32 93 00-1	***AESCULUS PAVIA - RED BUCKEYE***	$	85	EA	$
44	32 93 00-2	***OSMANTHUS FRAGRANS - TEA OLIVE***	$	102	EA	$
45	32 93 00-3	***ILEX X ATTENUATA 'FOSTERI' - FOSTERS HOLLY***	$	90	EA	$
46	32 84 00-1	IRRIGATION SYSTEM (EXCLUDES METER, RPZ BACKFLOW, TAP FEES)	$	1	LS	$
47	33 41 00-1	6" STORM DRAIN	$	160	LF	$
48	33 41 00-2	8" STORM DRAIN	$	20	LF	$
49	33 52 16-4	FUEL TANK, FUEL MANAGEMENT, INVENTORY, LEAK DETECTION, FUEL PIPING AND SUMPS TO DISPENSERS SYSTEM (COMPLETE)	$	1	LS	$
50	W-01	WATER SERVICE, 4", PVC	$	45	LF	$
51	W-02	WATER METER SETTING	$	3	EA	$
52	W-03	TAPPING SLEEVE AND VALVE, 8"X6" AND BACKFLOW PREVENTER	$	2	EA	$
53	***W-04***	***RELOCATE EXISTING HYDRANT***	***$***	***1***	***EA***	***$***
54	S-01	SEWER SERVICE, 4", PVC	$	55	LF	$
55	S-02	SEWER CLEANOUT, 4" PVC	$	***15***	EA	$

ADDENDUM NO. 6 - REVISED TALLAHASSEE INTERNATIONAL AIRPORT TALLAHASSEE, FLORIDA

RENTAL CAR QUICK-TURNAROUND FACILITY BID FORM

BASE BID

Bid Item Number	Spec/Sheet Item Number	Item Description	Bid Price Per Unit *(In Numbers)*	Est Qnty	Unit	Total Amount Per Item *Unit Price Times Est Qnty*
		BUILDING A - BUILDING, CAR WASH, FUELING, MAINTENANCE EQUIPMENT				
56	00 00 01	COMPLETE BUILDING A (EXCLUDING ELECTRICAL, PLUMBING, AND HVAC SYSTEMS)	$	1	LS	$
57	10 73 16-1	FUELING CANOPY - BUILDING A	$	1	LS	$
58	11 11 26-1	CAR WASH SYSTEM (COMPLETE) - BUILDING A	$	1	LS	$
59	11 11 13-1	VACUUM SYSTEM (COMPLETE) - BUILDING A	$	1	LS	$
60	11 11 13-4	COMPRESSED AIR SYSTEM (COMPLETE) - BUILDING A	$	1	LS	$
61	22 01 00-1	PLUMBING EQUIPMENT AND INSTALLATION - BUILDING A	$	1	LS	$
62	23 01 00-1	HVAC EQUIPMENT AND INSTALLATION - BUILDING A	$	1	LS	$
63	26 02 00-1	ELECTRICAL EQUIPMENT AND INSTALLATION - BUILDING A	$	1	LS	$
64	33 52 16-1	FUELING DISPENSER SYSTEM (COMPLETE) - BUILDING A	$	1	LS	$
		BUILDING B - BUILDING, CAR WASH, FUELING, MAINTENANCE EQUIPMENT				
65	00 00 02	COMPLETE BUILDING B (EXCLUDING ELECTRICAL, PLUMBING, AND HVAC SYSTEMS)	$	1	LS	$
66	10 73 16-2	FUELING CANOPY - BUILDING B	$	1	LS	$
67	11 11 26-2	CAR WASH SYSTEM (COMPLETE) - BUILDING B	$	1	LS	$
68	11 11 13-2	VACUUM SYSTEM (COMPLETE) - BUILDING B	$	1	LS	$
69	11 11 13-5	COMPRESSED AIR SYSTEM (COMPLETE) - BUILDING B	$	1	LS	$
70	22 01 00-2	PLUMBING EQUIPMENT AND INSTALLATION - BUILDING B	$	1	LS	$
71	23 01 00-2	HVAC EQUIPMENT AND INSTALLATION - BUILDING B	$	1	LS	$
72	26 02 00-2	ELECTRICAL EQUIPMENT AND INSTALLATION - BUILDING B	$	1	LS	$
73	33 52 16-2	FUELING DISPENSER SYSTEM (COMPLETE) - BUILDING B	$	1	LS	$
		BUILDING C - BUILDING, CAR WASH, FUELING, MAINTENANCE EQUIPMENT				
74	00 00 03	COMPLETE BUILDING C (EXCLUDING ELECTRICAL, PLUMBING, AND HVAC SYSTEMS)	$	1	LS	$
75	10 73 16-3	FUELING CANOPY - BUILDING C	$	1	LS	$
76	11 11 26-3	CAR WASH SYSTEM (COMPLETE) - BUILDING C	$	1	LS	$
77	11 11 13-3	VACUUM SYSTEM (COMPLETE) - BUILDING C	$	1	LS	$
78	11 11 13-6	COMPRESSED AIR SYSTEM (COMPLETE) - BUILDING C	$	1	LS	$
79	22 01 00-3	PLUMBING EQUIPMENT AND INSTALLATION - BUILDING C	$	1	LS	$
80	23 01 00-3	HVAC EQUIPMENT AND INSTALLATION - BUILDING C	$	1	LS	$
81	26 02 00-3	ELECTRICAL EQUIPMENT AND INSTALLATION - BUILDING C	$	1	LS	$
82	33 52 16-3	FUELING DISPENSER SYSTEM (COMPLETE) - BUILDING C	$	1	LS	$

Total Base Bid Amount (Written in Words)

_____ $ _____ $ _____

Total Base Bid Amount in Words *In Numbers*

ADDENDUM NO. 6 - REVISED TALLAHASSEE INTERNATIONAL AIRPORT TALLAHASSEE, FLORIDA

RENTAL CAR QUICK-TURNAROUND FACILITY
BID FORM

BID ALTERNATE 1 - EV CHARGERS

Bid Item Number	Spec/Sheet Item Number	Item Description	Bid Price Per Unit *(In Numbers)*	Est Qnty	Unit	Total Amount Per Item *Unit Price Times Est Qnty*
1	26 02 00-6	DCFC (150kW) EV CHARGER (COMPLETE)	$	6	EA	$
2	26 02 00-7	LEVEL 2 EV CHARGER (COMPLETE)	$	30	EA	$
3	26 02 00-8	INSTALLATION OF CT CABINETS WITH METERS (COMPLETE), POWER CABLE/CONDUIT TO CHARGERS, AND CONCRETE PAD FOR TRANSFORMER	$	1	LS	$

Total Alternate 1 Bid Amount (Written in Words)

_____ $ _____ $ _____
Total Alternate 1 Bid Amount in Words *In Numbers*

BID SUMMARY

_____ $ _____ $ _____
Total Base Bid Amount in Words *In Numbers*

_____ $ _____ $ _____
Total Alternate 1 Bid Amount in Words *In Numbers*

_____ $ _____ $ _____
Total Base Bid + Alternate 1 Bid Amount in Words *In Numbers*

Name of Bidder: _____ _____
(Typed or Printed)

Signature of Bidder: _____ _____
(Same as Bid Form)

Title: _____ _____

Date: _____ _____

SECTION 033660 - SEALED CONCRETE PART

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Sealer for use over unstained concrete floors.

B. Related Sections:

1. Section 016000 – Product Requirements.

C. Quality Requirements:

1. Manufacturer: ISO 9001 quality certified as primary manufacturer of specified products.

1.2 SUBMITTALS

A. Product Data: Manufacturer's technical data sheets and installation instructions for each product specified.

B. Manufacturer Certificate: Indicating products listed on Contractor's Product List are compatible and suitable for the specified application.

1.3 QUALITY ASSURANCE

A. Manufacturer Qualifications: Manufacturer of sealer products shall have minimum five years experience in the production of the specified products.

1.4 DELIVERY, STORAGE AND HANDLING

A. Deliver the specified products in original, unopened containers with legible manufacturer’s identification and information.

B. Store specified products in conditions recommended by the manufacturer.

1.5 PROJECT CONDITIONS

A. Environmental Conditions: Maintain an ambient temperature of between 50 deg and 90 deg F during application and at least 48 hours after application.

B. Protection: Precautions shall be taken to avoid damage or contamination of any surfaces near the work zone. Protect completed work from moisture or contamination.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturer Single Source:

1. Provide liquid densifier sealer and related concrete treatment and admixture products from a single qualified manufacturer.

2.2 LIQUID FLOOR TREATMENTS

A. Liquid Densifier Sealer: High performance, deeply penetrating concrete densifier; odorless, colorless, VOC - compliant, non-yellowing silicate and siliconate based solution designed to harden, dustproof and protect concrete floors and to resist black rubber tire marks. The compound must contain a minimum solids content of 20% of which 50% is siliconate.

2.3 BASIS OF DESIGN PRODUCT

A. Sealers: “Euco Diamond Hard” by The Euclid Chemical Co. clear concrete sealer for use unstained concrete.

1. Equivalent products may be submitted for review and approval by architect.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verification of Conditions: Contractor shall examine areas and conditions under which work will be performed and identify conditions detrimental to proper and timely completion of work. Do not proceed until unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. New Concrete:

1. The concrete shall be cured sufficiently to meet the manufacturer's water vapor transmission requirements.

2. Do not use liquid curing materials for new concrete.

3.3 APPLICATION OF SEALER

A. Apply Liquid Densifier Sealer in strict accordance with the directions of the manufacturer. Spray, squeegee or roll on liquid to clean, dry concrete surface at a rate no greater than 225 sq. ft. per gallon. The liquid shall be scrubbed into the surface with a mechanical scrubber. Keep the surface wet for a minimum of 30 minutes with the Liquid Densifier Sealer during the application process. When the product thickens, but not more than 60 minutes after initial application, the surface shall then be squeegeed or vacuumed to remove all excess liquid.
   1. Do not leave any residue on surface.
   2. Do not track material on to untreated surfaces.

B. Concrete substrate shall be completely dry.

C. Test surface for proper pH level prior to applying sealer.

D. Apply sealer according to manufacturer's written instructions.

E. Allow sealer to completely dry before applying additional coats.

F. Seal horizontal joints in areas subject to pedestrian or vehicular traffic.

3.4 PROTECTION

A. Protect floor from traffic for at least 72 hours after final application of sealer.

END OF SECTION 033660

SECTION 083323 - OVERHEAD COILING DOORS

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. Insulated service doors.

B. Related Requirements:

1. Section 055000 "Metal Fabrications" for miscellaneous steel supports.

1.3 ACTION SUBMITTALS

A. Product Data: For each type and size of overhead coiling door and accessory.

1. Include construction details, material descriptions, dimensions of individual components, profiles for slats, and finishes.

B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data.

1. Include plans, elevations, sections, and mounting details.
2. Include details of equipment assemblies, and indicate dimensions, required clearances, method of field assembly, components, and location and size of each field connection.
3. Include points of attachment and their corresponding static and dynamic loads imposed on structure.
4. For exterior components, include details of provisions for assembly expansion and contraction and for excluding and draining moisture to the exterior.
5. Include diagrams for power, signal, and control wiring.

C. Samples for Initial Selection: Manufacturer's finish charts showing full range of colors and textures available for units with factory-applied finishes.

1. Include similar Samples of accessories involving color selection.

1.4 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For overhead coiling doors to include in maintenance manuals.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer for both installation and maintenance of units required for this Project.

B. Sound-Control Doors: Assemblies tested in a laboratory for sound-transmission-loss performance according to ASTM E 90, calculated according to ASTM E 413, and rated for not less than the STC value indicated.

C. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines and ICC A117.1.

PART 2 - PRODUCTS

2.1 MANUFACTURERS, GENERAL

A. Source Limitations: Obtain overhead coiling doors from single source from single manufacturer.

1. Obtain operators and controls from overhead coiling door manufacturer.

2.2 PERFORMANCE REQUIREMENTS

A. Structural Performance, Exterior Doors: Capable of withstanding the design wind loads.

1. Design Wind Load: Uniform pressure (velocity pressure) of 20 lbf/sq. ft., acting inward and outward.
2. Testing: According to ASTM E 330.
3. Deflection Limits: Design overhead coiling doors to withstand design wind load without evidencing permanent deformation or disengagement of door components.

2.3 INSULATED SERVICE DOOR ASSEMBLY

A. Insulated Service Door: Overhead coiling door formed with curtain of interlocking metal slats.

1. Basis-of-Design: Subject to compliance with requirements, provide product indicated below:

    a. Cookson Corrosion Resistant Service & Insulated Doors (ESD20CR (Insulated))
    b. Activation: One (1) BEA Falcon motion detector and one (1) remote-mount, NEMA 4X mushroom pushbutton.

        1) Motion detector be used to signal the doors to open and the door's built-in auto-close timer be used to close them.

2. Or a comparable product by one of the following:

    a. ACME Rolling Doors.
    b. Alpine Overhead Doors, Inc.
    c. Alumatec Pacific Products.
    d. Amarr Garage Doors.
    e. ASTA Door Corporation.
    f. C.H.I. Overhead Doors, Inc.
    g. City-Gates.
    h. Clopay Building Products.
    i. Cookson Company.
    j. Cornell Iron Works, Inc.
    k. Lawrence Roll-Up Doors, Inc.
    l. McKeon Rolling Steel Door Company, Inc.
    m. Metro Door.
    n. Overhead Door Corporation.
    o. Raynor.
    p. Rytec
    q. Southwestern Rolling Steel Door Co.
    r. Wayne-Dalton Corp.

B. Operation Cycles: Door components and operators capable of operating for not less than 20,000. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.

C. Air Infiltration: Maximum rate of 1.0 cfm/sq. ft. at 15 and 25 mph when tested according to ASTM E 283 or DASMA 105.

D. Curtain R-Value: 4.5 deg F x h x sq. ft./Btu.

E. Door Curtain Material: Stainless Steel.

F. Door Curtain Slats: Flat profile slats of 2-5/8-inch center-to-center height.

1. Insulated-Slat Interior Facing: Stainless Steel.

G. Bottom Bar: Two angles, each not less than 1-1/2 by 1-1/2 by 1/8 inch thick; fabricated from stainless steel and finished to match door.

H. Curtain Jamb Guides: Stainless steel with exposed finish matching curtain slats.

I. Hood: Match curtain material and finish.

1. Shape: As shown on Drawings.
2. Mounting: As shown on Drawings.

J. Locking Devices: Equip door with locking device assembly.

1. Locking Device Assembly: Cremone type, both jamb sides locking bars, operable from inside and outside with cylinders.

K. Electric Door Operator:

1. Usage Classification: Standard duty, up to 25 cycles per hour and up to 90 cycles per day.
2. Operator Location: As shown on Drawings.
3. Safety: Listed according to UL 325 by a qualified testing agency for commercial or industrial use.
4. Motor Exposure: Interior or exterior, wet, and humid as indicated on the Drawings.
5. Emergency Manual Operation: Push-up type.
6. Obstruction-Detection Device: Automatic photoelectric sensor, electric sensor edge on bottom bar, or pneumatic sensor edge on bottom bar.

    a. Sensor Edge Bulb Color: Black.

7. Control Station(s): Where shown on Drawings.
8. Other Equipment: Audible and visual signals.

L. Curtain Accessories: Equip door with weatherseals push/pull handles and automatic closing device.

M. Door Finish: As selected by the Architect from the manufacturer's full range.

1. Interior Curtain-Slat Facing: Finish as selected by Architect from manufacturer's full range.

2.4 MATERIALS, GENERAL

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.

2.5 DOOR CURTAIN MATERIALS AND CONSTRUCTION

A. Door Curtains: Fabricate overhead coiling-door curtain of interlocking metal slats, designed to withstand wind loading indicated, in a continuous length for width of door without splices. Unless otherwise indicated, provide slats of thickness and mechanical properties recommended by door manufacturer for performance, size, and type of door indicated, and as follows:

1. Aluminum Door Curtain Slats: ASTM B 209 sheet or ASTM B 221 extrusions, alloy and temper standard with manufacturer for type of use and finish indicated; thickness of 0.050 inch; and as required.
2. Insulation: Fill slats for insulated doors with manufacturer's standard thermal insulation complying with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively, according to ASTM E 84 or UL 723. Enclose insulation completely within slat faces.
3. Metal Interior Curtain-Slat Facing: Match metal of exterior curtain-slat face, with minimum aluminum thickness of 0.032 inch.

B. Curtain Jamb Guides: Manufacturer's standard angles or channels and angles of same material and finish as curtain slats unless otherwise indicated, with sufficient depth and strength to retain curtain, to allow curtain to operate smoothly, and to withstand loading. Slot bolt holes for guide adjustment. Provide removable stops on guides to prevent overtravel of curtain.

2.6 HOODS

A. General: Form sheet metal hood to entirely enclose coiled curtain and operating mechanism at opening head. Contour to fit end brackets to which hood is attached. Roll and reinforce top and bottom edges for stiffness. Form closed ends for surface-mounted hoods and fascia for any portion of between-jamb mounting that projects beyond wall face. Equip hood with intermediate support brackets as required to prevent sagging.

1. Aluminum: 0.040-inch-thick aluminum sheet complying with ASTM B 209, of alloy and temper recommended by manufacturer and finisher for type of use and finish indicated.

2.7 LOCKING DEVICES

A. Locking Device Assembly: Fabricate with cylinder lock, spring-loaded dead bolt, operating handle, cam plate, and adjustable locking bars to engage through slots in tracks.

1. Lock Cylinders: Cylinders standard with manufacturer and keyed to building keying system.
2. Keys: Two for each cylinder.

B. Chain Lock Keeper: Suitable for padlock.

C. Safety Interlock Switch: Equip power-operated doors with safety interlock switch to disengage power supply when door is locked.

2.8 CURTAIN ACCESSORIES

A. Weatherseals for Exterior Doors: Equip each exterior door with weather-stripping gaskets fitted to entire exterior perimeter of door for a weather-resistant installation unless otherwise indicated.

1. At door head, use 1/8-inch-thick, replaceable, continuous-sheet baffle secured to inside of hood or field- installed on the header.
2. At door jambs, use replaceable, adjustable, continuous, flexible, 1/8-inch-thick seals of flexible vinyl, rubber, or neoprene.

B. Push/Pull Handles: Equip each push-up-operated or emergency-operated door with lifting handles on each side of door, finished to match door.

2.9 COUNTERBALANCING MECHANISM

A. General: Counterbalance doors by means of manufacturer's standard mechanism with an adjustable-tension, steel helical torsion spring mounted around a steel shaft and contained in a spring barrel connected to top of curtain with barrel rings. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.

B. Counterbalance Barrel: Fabricate spring barrel of manufacturer's standard hot-formed, structural-quality, seamless or welded carbon-steel pipe, of sufficient diameter and wall thickness to support rolled-up curtain without distortion of slats and to limit barrel deflection to not more than 0.03 in./ft. of span under full load.

C. Counterbalance Spring: One or more oil-tempered, heat-treated steel helical torsion springs. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Secure ends of springs to barrel and shaft with cast-steel barrel plugs.

D. Torsion Rod for Counterbalance Shaft: Fabricate of manufacturer's standard cold-rolled steel, sized to hold fixed spring ends and carry torsional load.

E. Brackets: Manufacturer's standard mounting brackets of either cast iron or cold-rolled steel plate.

2.10 ELECTRIC DOOR OPERATORS

A. General: Electric door operator assembly of size and capacity recommended and provided by door manufacturer for door and operation-cycles requirement specified, with electric motor and factory-prewired motor controls, starter, gear-reduction unit, solenoid-operated brake, clutch, control stations, control devices, integral gearing for locking door, and accessories required for proper operation.

1. Comply with NFPA 70.
2. Control equipment complying with NEMA ICS 1, NEMA ICS 2, and NEMA ICS 6, with NFPA 70 Class 2 control circuit, maximum 24-V ac or dc.

B. Usage Classification: Electric operator and components capable of operating for not less than number of cycles per hour indicated for each door.

C. Door Operator Location(s): Operator location indicated for each door.

1. Wall Mounted: Operator is mounted to the inside front wall on the left or right side of door and connected to door drive shaft with drive chain and sprockets. Side room is required for this type of mounting. Wall mounted operator can also be mounted above or below shaft; if above shaft, headroom is required.

D. Motors: Reversible-type motor with controller (disconnect switch) for motor exposure indicated.

1. Electrical Characteristics:

a. Phase: Single phase, unless otherwise selected by the Architect.
b. Volts: 115 V, unless otherwise selected by the Architect.
c. Hertz: 60.

2. Motor Size: Minimum size as indicated. If not indicated, large enough to start, accelerate, and operate door in either direction from any position, at a speed not less than 8 in./sec. and not more than 12 in./sec., without exceeding nameplate ratings or service factor.
3. Operating Controls, Controllers, Disconnect Switches, Wiring Devices, and Wiring: Manufacturer's standard unless otherwise indicated.
4. Coordinate wiring requirements and electrical characteristics of motors and other electrical devices with building electrical system and each location where installed.

E. Limit Switches: Equip each motorized door with adjustable switches interlocked with motor controls and set to automatically stop door at fully opened and fully closed positions.

F. Obstruction Detection Devices: External entrapment protection consisting of indicated automatic safety sensor capable of protecting full width of door opening. For non-fire-rated doors, activation of device immediately stops and reverses downward door travel.

1. Photoelectric Sensor: Manufacturer's standard system designed to detect an obstruction in door opening without contact between door and obstruction.

a. Self-Monitoring Type: Designed to interface with door operator control circuit to detect damage to or disconnection of sensing device. When self-monitoring feature is activated, door closes only with sustained or constant pressure on close button.

G. Control Station: Three-button control station in fixed location with momentary-contact push-button controls labeled "Open" and "Stop" and sustained- or constant-pressure push-button control labeled "Close."

1. Interior-Mounted Units: Full-guarded, surface-mounted, heavy-duty type, with general-purpose NEMA ICS 6, Type 1 enclosure.
2. Exterior-Mounted Units: Full-guarded, standard-duty, surface-mounted, weatherproof type, NEMA ICS 6, Type 4 enclosure, key operated.

H. Emergency Manual Operation: Equip each electrically powered door with capability for emergency manual operation. Design manual mechanism so required force for door operation does not exceed 25 lbf.

I. Emergency Operation Disconnect Device: Equip operator with hand-operated disconnect mechanism for automatically engaging manual operator and releasing brake for emergency manual operation while disconnecting motor without affecting timing of limit switch. Mount mechanism so it is accessible from floor level. Include interlock device to automatically prevent motor from operating when emergency operator is engaged.

J. Motor Removal: Design operator so motor may be removed without disturbing limit-switch adjustment and without affecting emergency manual operation.

K. Audible and Visual Signals: Audible alarm and visual indicator lights in compliance with regulatory requirements for accessibility.

2.11 GENERAL FINISH REQUIREMENTS

A. Comply with NAAMM/NOMMA's "Metal Finishes Manual for Architectural and Metal Products (AMP 500-06)" for recommendations for applying and designating finishes.

B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.12 ALUMINUM FINISHES

A. Powder-Coat Finish: AAMA 2603. Comply with coating manufacturer's written instructions for cleaning, conversion coating, application, and baking.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.

B. Examine locations of electrical connections.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install overhead coiling doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports; according to manufacturer's written instructions and as specified.

B. Install overhead coiling doors, hoods, controls, and operators at the mounting locations indicated for each door.

C. Accessibility: Install overhead coiling doors, switches, and controls along accessible routes in compliance with regulatory requirements for accessibility.

D. Power-Operated Doors: Install according to UL 325.

3.3 STARTUP SERVICE

A. Engage a factory-authorized service representative to perform startup service.

1. Perform installation and startup checks according to manufacturer's written instructions.
2. Test and adjust controls and safety devices. Replace damaged and malfunctioning controls and equipment.

3.4 ADJUSTING

A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.

1. Adjust exterior doors and components to be weather-resistant.

B. Lubricate bearings and sliding parts as recommended by manufacturer.

C. Adjust seals to provide tight fit around entire perimeter.

3.5 MAINTENANCE SERVICE

A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service shall include 12 months' full maintenance by skilled employees of coiling-door Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for door operation. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.

1. Perform maintenance, including emergency callback service, during normal working hours.
2. Include 24-hour-per-day, seven-day-per-week, emergency callback service.

B. The Contractor shall respond, i.e. be on-site, to urgent warranty claims within 24-hours of notification for those defects that result in operational impact to users of the facility. The Contractor shall respond withing 72-hours to all other warranty claims associated with the work in this Section.

3.6 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain overhead coiling doors.

END OF SECTION 083323

SECTION 102600 - WALL PROTECTION

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. Corner guards.
2. Wall protection panels.

B. Related Requirements:

1. Section 087100 "Door Hardware" for metal protective trim units, according to BHMA A156.6, used for kick plates.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, impact strength, dimensions of individual components and profiles, and finishes.
2. Include fire ratings of units recessed in fire-rated walls.

B. Shop Drawings: For each type of wall protection showing locations and extent.

1. Include plans, elevations, sections, and attachment details.

C. Samples for Initial Selection: For each type of impact-resistant wall-protection unit indicated, in each color and texture specified.

1. Include Samples of accent strips and accessories to verify color selection.
2. Corner Guards: 12 inches long. Include example top caps.

1.4 INFORMATIONAL SUBMITTALS

A. Product Certificates: For each type of handrail.

B. Material Certificates: For each type of exposed plastic material.

C. Sample Warranty: For special warranty.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For each type of wall protection product to include in maintenance manuals.

1. Include recommended methods and frequency of maintenance for maintaining best condition of plastic covers under anticipated traffic and use conditions. Include precautions against using cleaning materials and methods that may be detrimental to finishes and performance.

1.6 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Corner-Guard Covers: Full-size plastic covers of maximum length equal to 2 percent of each type, color, and texture of cover installed, but no fewer than two, 48-inch- long units.
2. Mounting and Accessory Components: Amounts proportional to the quantities of extra materials. Package mounting and accessory components with each extra material.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Store wall protection in original undamaged packages and containers inside well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.

1. Maintain room temperature within storage area at not less than 70 deg F during the period plastic materials are stored.
2. Keep plastic materials out of direct sunlight.
3. Store plastic wall-protection components for a minimum of 72 hours, or until plastic material attains a minimum room temperature of 70 deg F.

a. Store corner-guard covers in a vertical position.

1.8 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace components of wall-protection units that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Structural failures including detachment of components from each other or from the substrates, delamination, and permanent deformation beyond normal use.
b. Deterioration of metals, metal finishes, plastics, and other materials beyond normal use.

2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Source Limitations: Obtain wall-protection products from single source from single manufacturer.

2.2 PERFORMANCE REQUIREMENTS

A. Surface Burning Characteristics: Comply with ASTM E 84 or UL 723; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Flame-Spread Index: 25 or less.
2. Smoke-Developed Index: 450 or less.

B. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines for Buildings and Facilities and ICC A117.1.

2.3 CORNER GUARDS

A. Basis-of-Design: Subject to compliance with requirements, provide product indicated below or a comparable product as approved by the Architect:

1. Inpro Corporation; Tape on Corner Guard.

B. Surface-Mounted, Opaque-Plastic Corner Guards: Fabricated as one piece from high-impact vinyl with bullnose corner; fabricated with 90- or 135-degree turn to match wall condition.

1. Wing Size: Nominal As selected by the Architect from the manufacturer's full range.
2. Mounting: Adhesive.
3. Color and Texture: As indicated on the Finish Schedule.
4. Height: As indicated on the Finish Schedule.

2.4 WALL PROTECTION PANELS

A. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated below by IPC Door and Wall Protection Systems, Inpro Corporation, or a comparable product as approved by the Architect:

1. Panel Product: Palladium® Rigid Wall Panels, Adhesive Mount.

B. Rigid Vinyl Sheet: Panel constructed of .040” minimum thick rigid vinyl sheet.

1. Size: As indicated on the Drawings.
2. Panel Thickness: 0.040" minimum, unless otherwise selected by the Architect or recommended by the manufacturer.
3. Finish and Color: As indicated on the Finish Schedule.

C. Edge Trim: As selected by the Architect from the manufacturer's full range.

1. Finish and Color: As selected by the Architect from the manufacturer's full range.

2.5 MATERIALS

A. Palladium® Square Edge Wall Panel System: Panels shall be made from .040” IPC Rigid Sheet factory bonded to fire rated particleboard. Particleboard shall have No Added Urea Formaldehyde.

B. Vinyl: IPC Rigid Sheet shall be manufactured from chemical and stain resistant polyvinyl chloride with the addition of impact modifiers. No plasticizers shall be added (plasticizers may aid in bacterial growth).

C. Aluminum: Aluminum trim pieces shall be extruded from 6063-T5 aluminum.

D. Fasteners: Aluminum, nonmagnetic stainless-steel, or other noncorrosive metal screws, bolts, and other fasteners compatible with items being fastened. Use security-type fasteners where exposed to view.

E. Adhesive: As recommended by protection product manufacturer.

2.6 FABRICATION

A. Fabricate wall protection according to requirements indicated for design, performance, dimensions, and member sizes, including thicknesses of components.

B. Factory Assembly: Assemble components in factory to greatest extent possible to minimize field assembly. Disassemble only as necessary for shipping and handling.

C. Quality: Fabricate components with uniformly tight seams and joints and with exposed edges rolled. Provide surfaces free of wrinkles, chips, dents, uneven coloration, and other imperfections. Fabricate members and fittings to produce flush, smooth, and rigid hairline joints.

2.7 FINISHES

A. Protect finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and wall areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Examine walls to which wall protection will be attached for blocking, grounds, and other solid backing that have been installed in the locations required for secure attachment of support fasteners.

1. For wall protection attached with adhesive, verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Complete finishing operations, including painting, before installing wall protection.

B. Before installation, clean substrate to remove dust, debris, and loose particles.

3.3 INSTALLATION

A. Installation Quality: Install wall protection according to manufacturer's written instructions, level, plumb, and true to line without distortions. Do not use materials with chips, cracks, voids, stains, or other defects that might be visible in the finished Work.

B. Mounting Heights: Install wall protection in locations and at mounting heights indicated on Drawings.

C. Accessories: Provide splices, mounting hardware, anchors, trim, joint moldings, and other accessories required for a complete installation.

1. Provide anchoring devices and suitable locations to withstand imposed loads.
2. Where splices occur in horizontal runs of more than 20 feet, splice aluminum retainers and plastic covers at different locations along the run, but no closer than 12 inches apart.
3. Adjust caps as required to ensure tight seams.

3.4 CLEANING

A. Immediately after completion of installation, clean plastic covers and accessories using a standard ammonia-based household cleaning agent.

B. Remove excess adhesive using methods and materials recommended in writing by manufacturer.

END OF SECTION 102600

INTERIOR FINISHES

WALL FINISHES

INTERIOR PAINT

PT-1
LOCATION: ALL WALLS U.N.O., RE: FINISH SCHED.
MANUFACTURER: SHERWIN WILLIAMS
COLOR/STYLE: PURE WHITE - SW 7005
FINISH: EGGSHELL

PT-2
LOCATION: H.M. DOORS & DOOR FRAMES
MANUFACTURER: SHERWIN WILLIAMS
COLOR/STYLE: ON THE ROCKS - SW 7671
FINISH: SEMI-GLOSS

1

EPOXY PAINT

PT-3
LOCATION: CAR WASH BAYS
MANUFACTURER: SHERWIN WILLIAMS
COLOR/STYLE: PURE WHITE - SW 7005
FINISH: SEMI-GLOSS

PT-4
LOCATION: CAR WASH BAYS
MANUFACTURER: SHERWIN WILLIAMS
COLOR/STYLE: BIG CHILL - SW 7648
FINISH: SEMI-GLOSS

2

CBG-1 **FIREPROOFING PRIMER / SEALER**

LOCATION: CAR WASH BAY WALLS & CEILING
MANUFACTURER: CARBOLINE
COLOR/STYLE: CARBOGUARD 1340
FINISH: SEMI-GLOSS

REMARKS: RE: MFR. FOR ADDITIONAL INFORMATION ON INTEGRATION WITH ADDITIONAL EPOXY FINISHES. ALL APPLICATIONS MUST FOLLOW MFR. SURFACE PREP AND TOPCOAT RECOMMENDATIONS. SEE SPECS.

CWT-1 **CERAMIC WALL TILE**

LOCATION: RESTROOMS
MANUFACTURER: DALTILE
COLOR/STYLE: COLOR WHEEL CLASSIC - ARCTIC WHITE-0190
SIZE: 3 x 6
REMARKS: GROUT TO BE MAPEI - 107 IRON

CWT-2 **CERAMIC WALL TILE**

LOCATION: 48" AT RESTROOMS / AT MOP SINK
MANUFACTURER: DALTILE
COLOR/STYLE: COLOR WHEEL CLASSIC - DESERT GRAY-X114
SIZE: 3 x 6
REMARKS: GROUT TO BE MAPEI - 107 IRON
ADDITIONAL REMARKS: TILE TO BE INSTALLED WITH APPROPRIATE TRIMS AS NEEDED. GROUT TO BE EPOXY GROUT.

WB-1 **RUBBER BASE**

LOCATION: OFFICE AREA, STORAGE AREAS
MANUFACTURER: ROPPE
COLOR/ STYLE: 700 SERIES - 174 SMOKE
SIZE: 4"

EPB-1 **EPOXY QUARTZ INTEGRAL BASE**

LOCATION: RESTROOMS & JANITORS
MANUFACTURER: STONHARD
COLOR/STYLE: STONTEC ERF - WHITE PLATINUM, SMALL FLAKES
REMARKS: 6" INTEGRAL BASE

RB-1 **POLYURETHANE RESIN BASE**

LOCATION: CAR WASH BAYS (ALL LOCATIONS OF CBG-1)
MANUFACTURER: KEMPER
COLOR/STYLE: KEMPEROL 2K-PUR
REMARKS: 10" REINFORCED AND LIQUID APPLIED POLYURETHANE RESIN COVE BASE AND SEALANT

INTERIOR FINISHES

FLOOR FINISHES

CARPET

CPT-1
LOCATION: OFFICE AREA
MANUFACTURER: INTERFACE
COLOR/STYLE: NATURALLY WEATHERED - 106023 - SLATE GREY

2

EP-1 **EPOXY QUARTZ**

LOCATION: RESTROOMS & JANITORS
MANUFACTURER: STONHARD
COLOR/STYLE: STONTEC ERF - WHITE PLATINUM, SMALL FLAKES
REMARKS: 6" INTEGRAL BASE

QF-1 **QUARTZ**

LOCATION: ADMIN AREAS
MANUFACTURER: KAHRS
COLOR/STYLE: QUARTZ MOSAIC - 8314 - QUARTZ THUNDER

2

SC-1 **SEALED CONCRETE**

LOCATION: STORAGE & SUPPORT AREAS, REFER TO ROOM FINISH SCHEDULE
MANUFACTURER: EUCLID CHEMICAL
COLOR/STYLE: EUCO DIAMOND HARD

SC-2 **SEALED CONCRETE**

LOCATION: CAR WASH BAYS & MAINT. BAYS
REMARKS: SEALED CONCRETE WITH ABRASIVE GRIT. SEE SPEC SECTION 09 91 23.

INTERIOR FINISHES

CEILING FINISHES

ACOUSTICAL CEILING TILE

ACT-1
LOCATION: OFFICE AREA, BREAK ROOM & RESTROOMS (RE: RCPS)
MANUFACTURER: ARMSTRONG
COLOR/STYLE: ULTIMA - WHITE
NOTES: 9/16 BEVELED TEGULAR, SUPRAFINE 9/16"
SIZE: 24"X24"

OPEN TO STRUCTURE

STR-1
LOCATION: STORAGE AREAS, ELEC ROOM, VACUUM ROOM, & CAR WASH BAYS (RE: RCPS)
MANUFACTURER: SHERWIN WILLIAMS
COLOR/STYLE: PURE WHITE - SW 7005
FINISH: GYP. BD. : FLAT
STRUCTURAL STEEL : SEMI GLOSS

1

PAINTED GYPSUM

PG-1
LOCATION: RESTROOMS (RE: RCPS & FINISH LEGEND)
MANUFACTURER: SHERWIN WILLIAMS
COLOR/STYLE: PURE WHITE - SW 7005
FINISH: GYP. BD. : FLAT
STRUCTURAL STEEL : SEMI GLOSS

MISCELLANEOUS

PLASTIC LAMINATE SURFACES

PL-1
LOCATION: MILLWORK - VERTICAL SURFACES
MANUFACTURER: FORMICA
COLOR/STYLE: 8841 - WR - WHITE ASH

SOLID SURFACES

SS-1
LOCATION: COUNTER SURFACES AT BREAK ROOM AND RESTROOM
MANUFACTURER: FORMICA
COLOR/STYLE: 758 BIANCO MINERAL

SS-2
LOCATION: ALL INT. WINDOW SILLS, U.N.O.
MANUFACTURER: FORMICA
COLOR/STYLE: 102 ARCTIC

CORNER GUARD

CG-1
LOCATION: GYPSUM BOARD CORNERS
MANUFACTURER: INPRO
COLOR/STYLE: TAPE-ON - FINISH TO MATCH ADJ. WALL(S)
SIZE: 2" X 4'

2

RIGID VINYL PANEL

RV-1
LOCATION: JANITOR'S CLOSET MOP SINK
MANUFACTURER: INPRO
COLOR/STYLE: PALLADIUM RIGID SHEET
COLOR: 0256 CASTLE
SIZE: 4' x 8' (ALIGN W/ ADJ. CMU COURSING)
REMARKS: TO BE INSTALLED WITH ALL TRIMS AS REQUIRED

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISHES					CEILING		COMMENTS
				ALL	NORTH	EAST	SOUTH	WEST	HEIGHT	FINISH	
100	ADMIN AREA	QF-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	10' - 0"	ACT-1	
101	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
102	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
102	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
103	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
104	RESTROOM	EP-1	EPB-1	--	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	9' - 0"	PG-1	CWT-2 48" ABOVE BASE / 54" A.F.F. (RE: ELEVATIONS)
105	RESTROOM	EP-1	EPB-1	--	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	9' - 0"	PG-1	CWT-2 48" ABOVE BASE / 54" A.F.F. (RE: ELEVATIONS)
106	JAN	EP-1	EPB-1	--	RV-1, PT-1	RV-1, PT-1	PT-1	PT-1	9' - 0"	ACT-1	RV-1 AT MOP SINK
107	IT ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
108	MAINTENANCE BAYS	SC-2	RB-1	--	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	OPEN TO STR.	STR-1	TWO COLORS. LOWER AREA TO BE PT-4 UP TO TOP OF MAN DOORS. ABOVE TO BE PT-3
109	CAR WASH BAYS	SC-2	RB-1	--	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	OPEN TO STR.	STR-1	TWO COLORS. LOWER AREA TO BE PT-4 UP TO TOP OF MAN DOORS. ABOVE TO BE PT-3. CARBOGUARD 1340 APPLIED TO WALLS & CEILINGS THROUGHOUT.
110	CAR WASH EQUIP ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
111	STORAGE / W&D ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
112	ELECTRICAL ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
113	VACUUM ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
114	WWF ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
115	RESTROOM	EP-1	EPB-1	--	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	9' - 0"	ACT-1	CWT-2 48" ABOVE BASE / 54" A.F.F. (RE: ELEVATIONS)
120	FUELING CANOPY	--	--	--	--	--	--	--	--	--	
200	ADMIN AREA	QF-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	10' - 0"	ACT-1	
201	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
202	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
203	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
204	RESTROOM	EP-1	EPB-1	--	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	9' - 0"	PG-1	CWT-2 48" ABOVE BASE / 54" A.F.F. (RE: ELEVATIONS)
205	RESTROOM	EP-1	EPB-1	--	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	9' - 0"	PG-1	CWT-2 48" ABOVE BASE / 54" A.F.F. (RE: ELEVATIONS)
206	JAN	EP-1	EPB-1	--	RV-1, PT-1	RV-1, PT-1	PT-1	PT-1	9' - 0"	ACT-1	RV-1 AT MOP SINK
207	IT ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
208	MAINTENANCE BAYS	SC-2	RB-1	--	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	OPEN TO STR.	STR-1	TWO COLORS. LOWER AREA TO BE PT-4 UP TO TOP OF MAN DOORS. ABOVE TO BE PT-3
209	CAR WASH BAYS	SC-2	RB-1	--	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	OPEN TO STR.	STR-1	TWO COLORS. LOWER AREA TO BE PT-4 UP TO TOP OF MAN DOORS. ABOVE TO BE PT-3. CARBOGUARD 1340 APPLIED TO WALLS & CEILINGS THROUGHOUT.
210	CAR WASH EQUIP ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
211	STORAGE/ W&D ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
212	ELECTRICAL ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
213	VACUUM ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
214	WWF ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
215	RESTROOM	EP-1	EPB-1	--	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	9' - 0"	PG-1	CWT-2 48" A.F.F. (RE: ELEVATIONS)
220	FUELING CANOPY	--	--	--	--	--	--	--	--	--	
300	ADMIN AREA	QF-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	10' - 0"	ACT-1	
301	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
302	OFFICE	CPT-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
303	JAN	EP-1	EPB-1	--	RV-1, PT-1	RV-1, PT-1	PT-1	PT-1	9' - 0"	ACT-1	RV-1 AT MOP SINK
304	RESTROOM	EP-1	EPB-1	--	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	9' - 0"	PG-1	CWT-2 48" ABOVE BASE / 54" A.F.F. (RE: ELEVATIONS)
305	IT ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	9' - 0"	ACT-1	
306	MAINTENANCE BAYS	SC-2	RB-1	--	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	OPEN TO STR.	STR-1	TWO COLORS. LOWER AREA TO BE PT-4 UP TO TOP OF MAN DOORS. ABOVE TO BE PT-3
307	CAR WASH BAYS	SC-2	RB-1	--	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	PT-3, PT-4	OPEN TO STR.	STR-1	TWO COLORS. LOWER AREA TO BE PT-4 UP TO TOP OF MAN DOORS. ABOVE TO BE PT-3. CARBOGUARD 1340 APPLIED TO WALLS & CEILINGS THROUGHOUT.
308	CAR WASH EQUIP ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
309	STORAGE/ W&D ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
310	ELECTRICAL ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
311	VACUUM ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
312	WWF ROOM	SC-1	WB-1	PT-1	PT-1	PT-1	PT-1	PT-1	OPEN TO STR.	STR-1	
313	RESTROOM	EP-1	EPB-1	--	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	CWT-1, CWT-2	9' - 0"	PG-1	CWT-2 48" ABOVE BASE / 54" A.F.F. (RE: ELEVATIONS)
320	FUELING CANOPY	--	--	--	--	--	--	--	--	--	

2

No.	REVISIONS	DATE	BY
2	ADDENDUM #6	07/23/25	JW
1	ADDENDUM #1	04/25/25	JW

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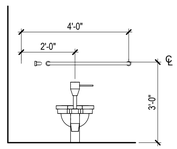
PROJECT NUMBER	DESIGNED BY	DRAWN BY	CHECKED BY
R1003144.00	PH	KS	JW
DATE	1/8" = 1'-0"		
05/14/2025			

FINISH SCHEDULE & FINISH LEGEND

QUICK - TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE
FLORIDA

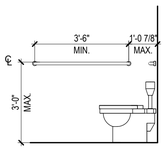
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7/23/2025 3:12:16 PM A:\Autodesk Docs://TLH GTA Buildings\TLH_CENTRAL_2024.rvt
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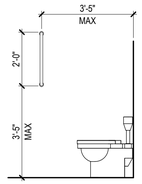
T-1

36" TOILET STALL
GRAB BAR
BOBRICK B-5806 x 36



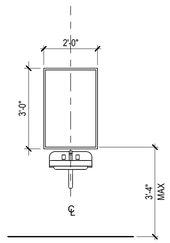
T-2

42" TOILET STALL
GRAB BAR
BOBRICK B-5806 x 42



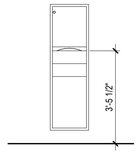
T-3

24" TOILET STALL
GRAB BAR
BOBRICK B-5806 x 24



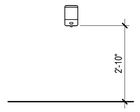
T-4

SURFACE MOUNTED
FRAMED MIRROR
BOBRICK B-165 2436



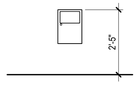
T-5

SURFACE MOUNTED PAPER
TOWEL DISPENSER &
WASTE RECEPTACLE
BOBRICK B-3949



T-6

SURFACE-MOUNTED
SOAP DISPENSER
BOBRICK B-2111



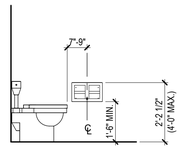
T-7

SANITARY NAPKIN
DISPOSAL
BOBRICK B-270



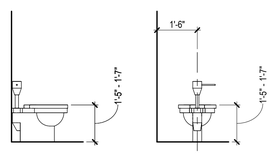
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SANITARY NAPKIN
DISPOSAL
BOBRICK B-270



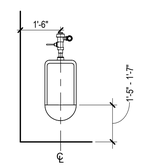
T-9

TOILET TISSUE
DISPENSER
BOBRICK B-2888



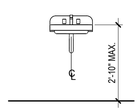
T-10

ACCESSIBLE FLOOR MOUNTED TOILET



T-11

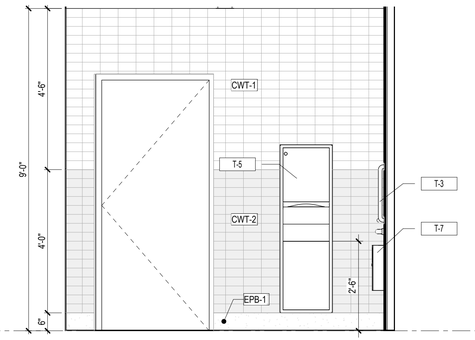
ACCESSIBLE WALL MOUNTED URINAL



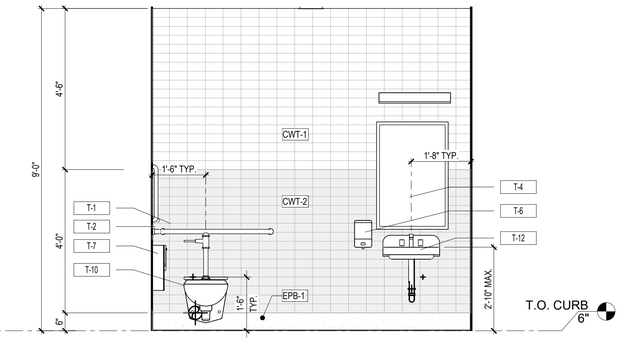
T-12

WALL MOUNTED SINK

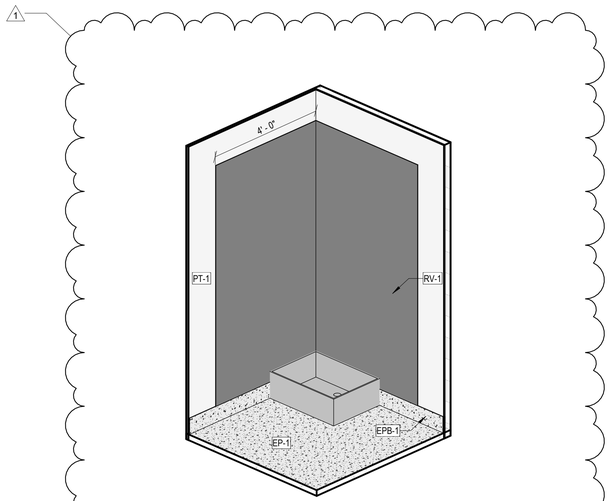
3/8" = 1'-0" TYPICAL TOILET ACCESSORY ELEVATIONS



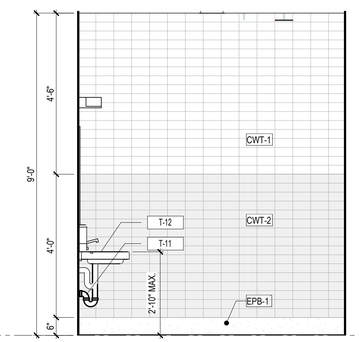
4 1/2" = 1'-0" RESTROOM ELEVATION D



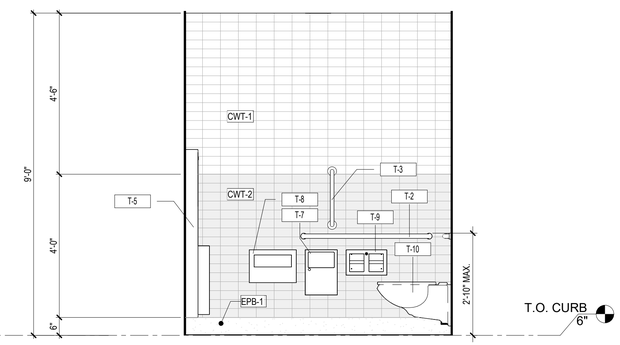
2 1/2" = 1'-0" RESTROOM ELEVATION B



5 3D AXON - MOP SINK ELEVATION



3 1/2" = 1'-0" RESTROOM ELEVATION C



1 1/2" = 1'-0" RESTROOM ELEVATION A

No.	REVISIONS	DATE	BY
1	ADDENDUM #6	07/23/25	

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PGAL, INC
1425 ELLSWORTH
INDUSTRIAL BLVD, NW #15
ATLANTA, GA 30318
T 404 602 3800
F 404 602 3810
www.pgal.com

LICENSED PROFESSIONAL

JEFFREY A. WEINER

FL LICENSE NUMBER
AR0017691

PROJECT NUMBER	R1003144.00
DATE	05/14/2025
	As indicated
DESIGNED BY	PH
DRAWN BY	KS
CHECKED BY	JW

TYPICAL ENLARGED RESTROOM ELEVATIONS

QUICK - TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE
FLORIDA

SHEET NUMBER
A404

7/23/2025 1:12:21 PM A-default Docs://TLH GFA Buildings/TLH_CENTRAL_2024.rvt
This document is an instrument of service prepared solely for Kimley-Horn's client and for a particular purpose. Any other use or reliance is without liability to Kimley-Horn.

General Information

Property Tax ID #(s):	4107208010000 , 4117208010000, 4117208020000, 4117208030000	
Site Address:	5800 Springhill Road	
Zoning:	GO-2	
Overlay / Transect (if any):	N/A	
Setbacks:		
Front:	50	FT
Rear:	10	FT
Side:	0	FT
Corner:	50	FT
Building Maximum Height (FT):	143 (AGL per FAA)	
Building Height (FT):	21.25	
Building Maximum Size (SF/AC)	15,000	
Building Size (SF/AC)	1,478	
Existing Use(s)	Government Operation	
Proposed Use(s)	Government Operation	

Area Data

Total Site Area (SF):	761,701	SF	
Proposed Building Area (GSF):	28,285	SF	3.7 %
Office:	6,000	SF	0.8 %
Car Maintenance:	22,285	SF	2.9 %
Proposed Intensity:	0.06		
Existing Impervious Areas (SF):	156,190	SF	
Building(s) Footprint:	13,691	SF	
VUA:	142,499	SF	
Existing Removed Impervious (SF):	156,190	SF	
Building(s) Footprint:	13,691	SF	
VUA:	142,499	SF	
Proposed Impervious Area (SF):	419,918	SF	55.1 %
Building(s) Footprint:	28,285	SF	3.7 %
VUA:	391,633	SF	51.4 %

Parking Data

Required Parking Spaces:	
Number of spaces required:	78 spaces
Required ADA spaces:	3 spaces
Total:	81 spaces
Proposed Employee Parking Spaces:	
Number of regular spaces provided:	48
Number of ADA spaces provided:	3
Total number of spaces provided:	51
Proposed Tandem Storage Spaces:	
Number of tandem spaces provided:	794
Bicycle Parking Required:	
Required number of bicycle spaces:	3
Proposed Bicycle Parking:	3

Landscape / Urban Forest Data

Req'd Landscape Islands:	3		
Required Landscape Area(SF):	38,085	SF	5.0 %
Landscape area provided* (SF):	0	SF	0.0 %
Required Urban Forest Area(SF)	76,170	SF	10.0 %
Urban Forest area provided*: (SF)	0	SF	0 %

*Landscape functional wavier requested for perimeter landscaping, landscaping, and urban forest areas due to the proposed use and close proximity to the airfield.

NOTES:

1. THE REQUIRED WIDTH OF A FIRE DEPARTMENT ACCESS ROAD SHALL NOT BE OBSTRUCTED IN ANY MANNER, INCLUDING THE PARKING OF VEHICLES. NFPA 1, 18.2.3.1.1, (2010 EDITION OF THE FLORIDA FIRE PREVENTION CODE, 2009 EDITION.)
2. ALL CURB RAMPS AND SIDEWALKS ENTERING PARKING OR TRAVEL WAYS SHALL HAVE DETECTABLE WARNING SURFACES 2' DEEP AND THE WIDTH OF THE RAMP. DETECTABLE WARNING SURFACE SHALL BE YELLOW ARMORTILE (OR APPROVED EQUAL) SURFACE APPLIED MATS UNLESS OTHERWISE SPECIFIED.

ACCESS GATE NOTES:

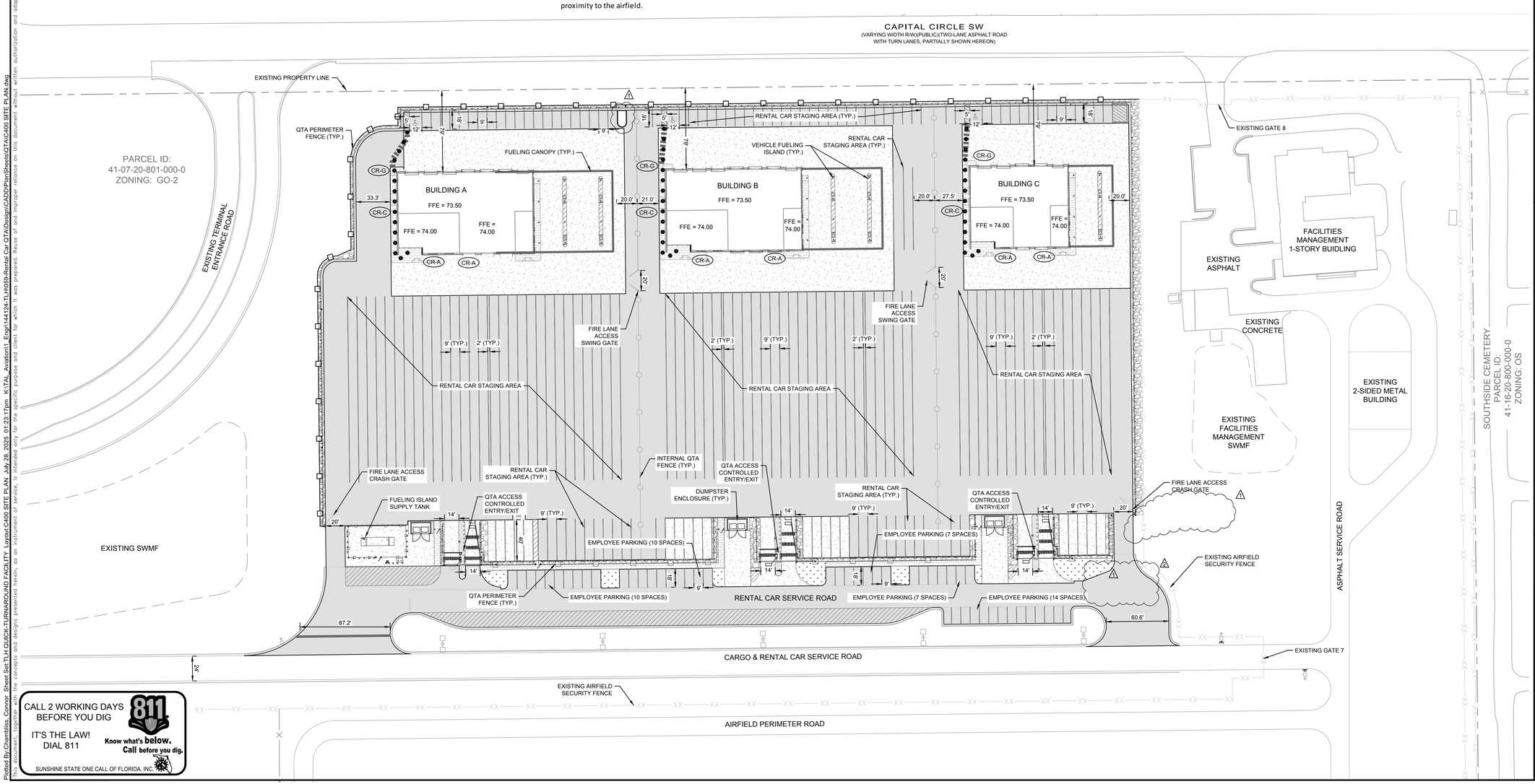
1. ACCESS GATES SHALL BE PROVIDED WITH A KEYPAD ENTRY SYSTEM, ELECTRONIC TRANSMITTER OR CARD READER, AS SHOWN ON THE SECURITY AND GATE SHEETS. ENTRY MECHANISM SHALL BE PROVIDED TO ALL APPLICABLE USERS AS DETERMINED BY OWNER. REFER TO SECURITY AND GATE SHEETS FOR SPECIFIC REQUIREMENTS.
2. CODED NUMBERS FOR KEYPAD ENTRY SYSTEMS WILL BE DESIGNATED BY THE FIRE CHIEF AND POLICE CHIEF FOR FIRE AND POLICE DEPARTMENT EMERGENCY ACCESS, WHERE APPLICABLE.
3. ALL ACCESS GATES SHALL BE DESIGNED TO PROVIDE AUTOMATIC ENTRY FOR FIRE APPARATUS IN THE FORM OF SIREN ACTIVATION, WHERE APPLICABLE.
4. A SIGN SHALL BE ATTACHED TO THE GATE INDICATING THE PROCEDURE TO OPEN THE GATE WITH THE SOUND OF AN EMERGENCY SIREN.
5. ALL ACCESS GATES SHALL BE DESIGNED TO UNLOCK WITH A READILY ACCESSIBLE MANUAL RELEASING DEVICE.
6. DURING A POWER FAILURE, ALL ACCESS GATES SHALL BE DESIGNED TO FAIL IN THE OPEN POSITION.
7. A KNOX KEY BOX SHALL BE INSTALLED AT ALL FIRE LANE GATES. KNOX KEY BOX SHALL BE INCIDENTAL TO THE GATE.
8. PARKING GATE SHALL NOT OBSTRUCT THE REQUIRED 20' MINIMUM FIRE DEPARTMENT ACCESS ROAD.

LEGEND

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- GRAVEL
- SOD
- A.D.A. ACCESSIBLE ROUTE
- CR-X — CURB RAMP - FDOT TYPE X (RAMPS DETECTABLE WARNINGS SHALL BE INSTALLED PER FDOT INDEX 522-002)

NORTH

GRAPHIC SCALE IN FEET
0 25 50 100



CALL 2 WORKING DAYS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	ADDENDUM #1	04/29/25	CAC
2	ADDENDUM #6	07/28/25	CAC

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LICENSED PROFESSIONAL
CONNOR A. CHAMBLISS
FLORIDA LICENSE NUMBER
88587
DATE:

KHA PROJECT 144124117
DATE JAN 2025
SCALE AS SHOWN
DESIGNED BY SHB
DRAWN BY TLB
CHECKED BY CAC

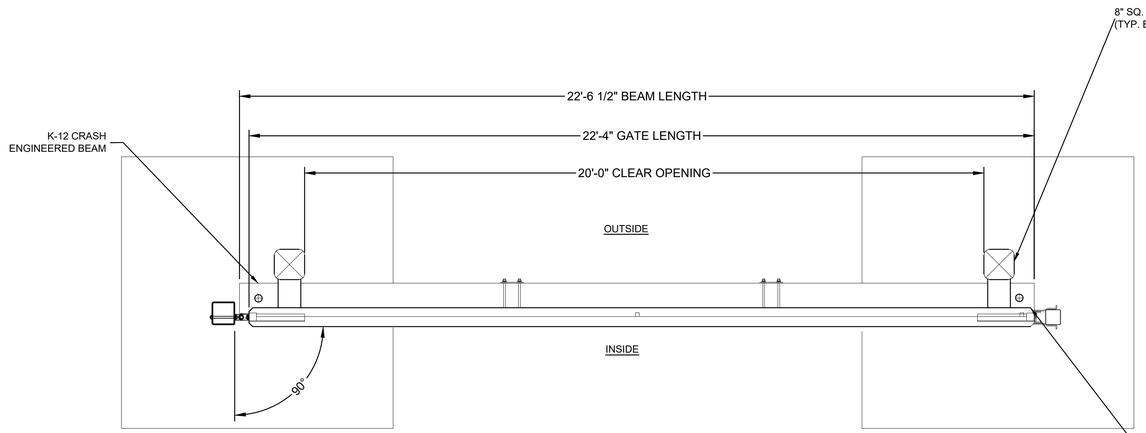
SITE PLAN

QUICK-TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE FLORIDA

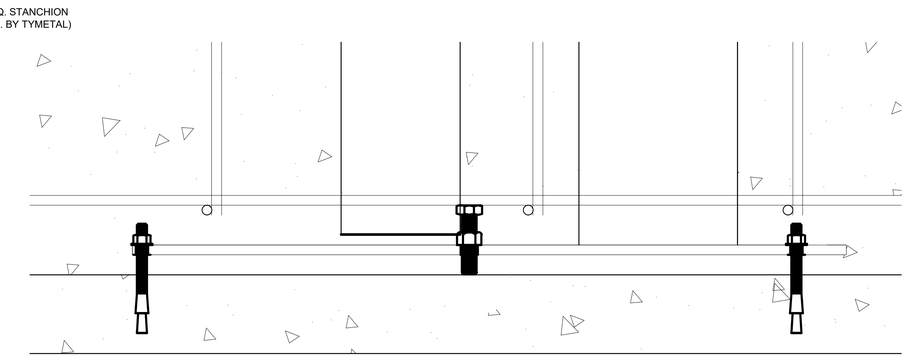
SHEET NUMBER
C400

Plotted By:Chambliss, Connor Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:C400 SITE PLAN July 28, 2025 01:23:17pm K:\TAL_Aviation_Engr\144124-TLH059-Rental Car QTA\Design\CADD\PlanSheets\QTA\C400 SITE PLAN.dwg
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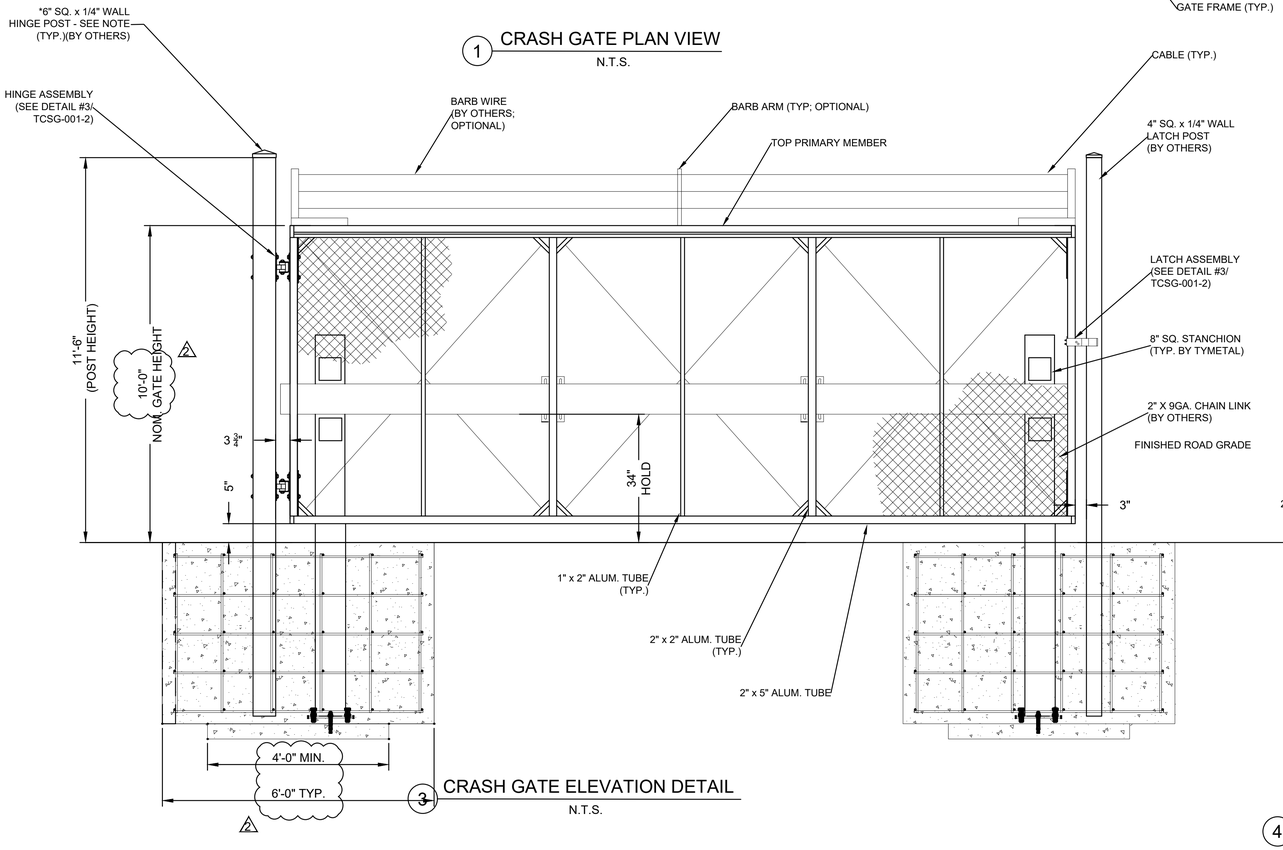
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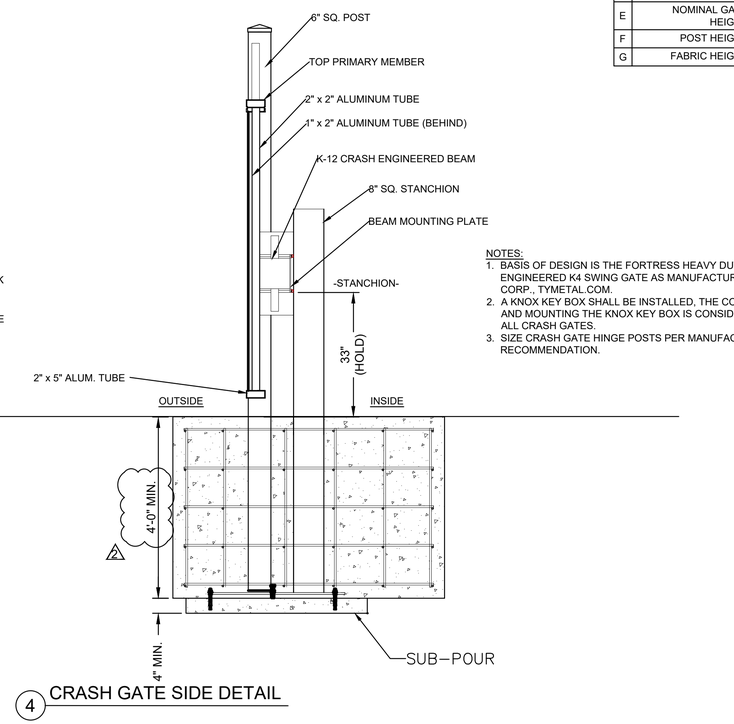
1 CRASH GATE PLAN VIEW
N.T.S.



2 LEVELING DETAIL
N.T.S.



3 CRASH GATE ELEVATION DETAIL
N.T.S.



4 CRASH GATE SIDE DETAIL

CRITICAL DIMENSION CHART		
A	CLEAR OPENING	20'-0"
B	BETWEEN POSTS	22'-10 3/4"
C	OVERALL GATE LENGTH	22'-4"
E	NOMINAL GATE HEIGHT	10'-0"
F	POST HEIGHT	11'-6"
G	FABRIC HEIGHT	9'-0"

NOTES:
1. BASIS OF DESIGN IS THE FORTRESS HEAVY DUTY CRASH ENGINEERED K4 SWING GATE AS MANUFACTURED BY TYMETAL CORP., TYMETAL.COM.
2. A KNOX KEY BOX SHALL BE INSTALLED, THE COST OF FURNISHING AND MOUNTING THE KNOX KEY BOX IS CONSIDERED INCIDENTAL TO ALL CRASH GATES.
3. SIZE CRASH GATE HINGE POSTS PER MANUFACTURER'S RECOMMENDATION.

No.	REVISIONS	DATE	BY
1	ADDENDUM #1	04/25/25	LJC
2	ADDENDUM #6	07/22/25	SMS

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Michael Baker INTERNATIONAL
MICHAEL BAKER INTERNATIONAL, INC.
2211 NORFOLK STREET, SUITE 1250
TALLAHASSEE, FLORIDA 32308 (850) 701-2302
CERTIFICATE OF AUTHORIZATION NUMBER 28861

LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER 68317
DATE: ~~~~~

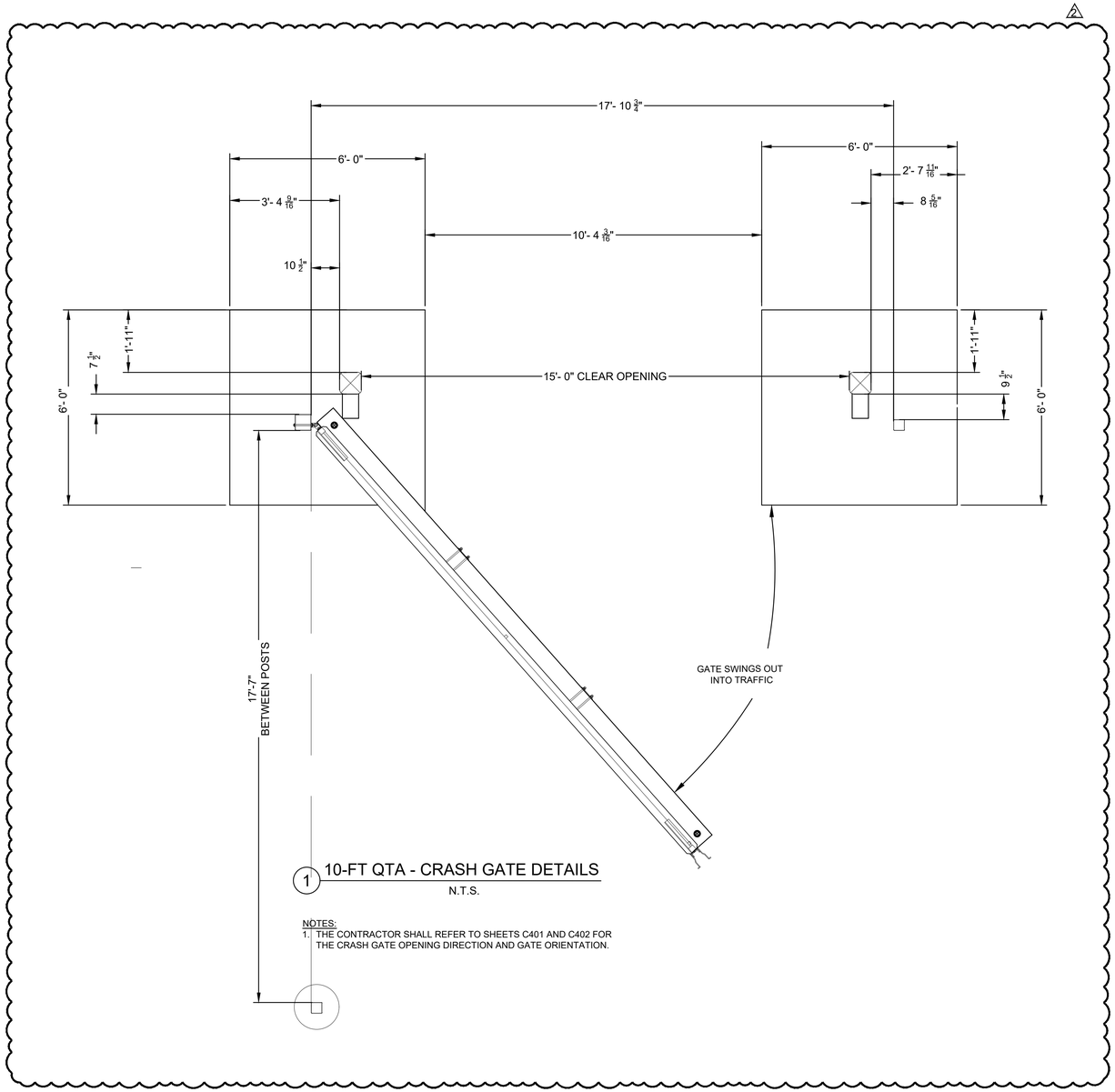
KHA PROJECT	144124117
DATE	JAN 2025
SCALE	AS SHOWN
DESIGNED BY	SMS
DRAWN BY	MC
CHECKED BY	NEP

CRASH GATE DETAILS

RENTAL CAR QUICK-TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE FLORIDA

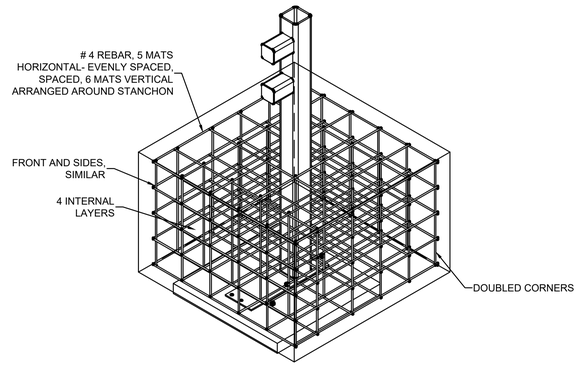
SHEET NUMBER
C461

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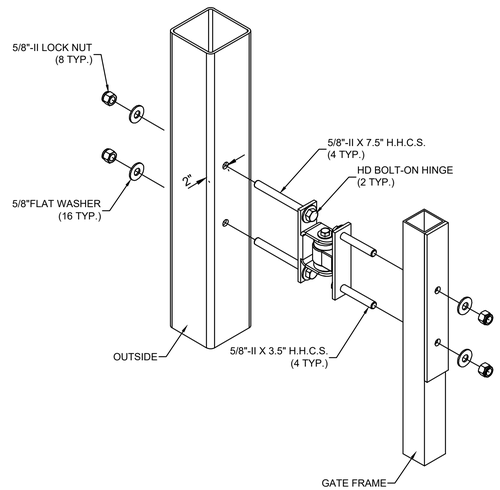


1 10-FT QTA - CRASH GATE DETAILS
N.T.S.

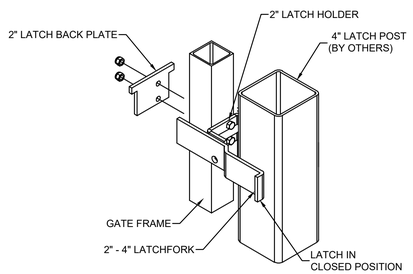
NOTES:
1. THE CONTRACTOR SHALL REFER TO SHEETS C401 AND C402 FOR THE CRASH GATE OPENING DIRECTION AND GATE ORIENTATION.



2 CRASH GATE REBAR DETAIL
N.T.S.



3 CRASH GATE HINGE ASSEMBLY
N.T.S.



4 CRASH GATE LATCH ASSEMBLY DETAIL
N.T.S.

No.	REVISIONS	DATE	BY
1	ADDENDUM #1	04/25/25	LJC
2	ADDENDUM #6	07/225/25	SMS

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Michael Baker INTERNATIONAL

MICHAEL BAKER INTERNATIONAL, INC.
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CERTIFICATE OF AUTHORIZATION NUMBER 28861

LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER
68317
DATE: _____

KHA PROJECT	144124117
DATE	JAN 2025
SCALE	AS SHOWN
DESIGNED BY	SMS
DRAWN BY	MC
CHECKED BY	NEP

CRASH GATE DETAILS

RENTAL CAR QUICK-TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
C462