CITY OF TALLAHASSEE

NOTICE TO RESPONDENTS **July 14, 2025**

ADDENDUM No. 4

TLH RENTAL CAR QUICK TURNAROUND SERVICES 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.

CHANGES/CLARIFICATIONS

The following attachments are hereby added to the solicitation.

- Plan sheets listed under Drawings
- Section 10 44 13 – Fire Protection Cabinets
- Section 28 12 01 – SAACS
- Section 28 20 00 – Video Surveillance System
- Updated Bid Form

End of Addendum 4

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	$	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	$

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*
30	F-167-8.1	ACCESS CONTROL SYSTEM - SPIKES STRIPS, PLATE BARRIERS, TRAFFIC ARMS, KEYPAD PEDESTALS, AND APPURTENANCES, PER QTA PARTITION	$	3	EA	$

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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	JUNIPERUS VIRGINIANA - EASTERN RED CEDAR	$	85	EA	$
44	32 93 00-2	MAGNOLIA GRANDIFLORA `D.D. BLANCHARD` - D.D. BLANCHARD MAGNOLIA	$	102	EA	$
45	32 93 00-3	ILEX X `NELLIE R STEVENS` - NELLIE STEVENS 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	$	3	EA	$

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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)

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*

_____ $ _____ $ _____

Total Base Bid Amount in Words *In Numbers*

TALLAHASSEE INTERNATIONAL AIRPORT
TALLAHASSEE, FLORIDA

RENTAL CAR QUICK-TURNAROUND FACILITY
BID FORM - ALTERNATE

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: _____ _____

Addendum No.: 4

Solicitation Title: Invitation for Bid No. 010-25-CW
TLH Rental Car Quick Turnaround Facility

Addendum Date: July 9, 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:

- G002 – GENERAL NOTES
- G003 – GENERAL NOTES
- G004 – SAFETY AND SECURITY NOTES
- G007 – AIRSPACE SURFACE PROTECTION PLAN
- C201 – DEMOLITION PLAN
- C202 – DEMOLITION PLAN
- C203 – DEMOLITION PLAN
- C301 – EROSION CONTROL PLAN
- C400 – SITE PLAN
- C401 – STAKING AND PAVING PLAN
- C402 – STAKING AND PAVING PLAN
- C403 – STAKING POINT TABLES
- C404 – CONCRETE JOINT LAYOUT PLAN
- C405 – CONCRETE JOINT LAYOUT PLAN
- C406 – CONCRETE JOINT LAYOUT PLAN
- C407 – CONCRETE JOINT LAYOUT PLAN
- C408 – CONCRETE JOINT LAYOUT PLAN
- C409 – CONCRETE JOINT LAYOUT PLAN
- C451 – TYPICAL SECTIONS
- C452 – TYPICAL SECTIONS
- C453 – PAVING AND SITE DETAILS
- C454 – DUMPSTER ENCLOSURE DETAILS
- C455 – FUEL TANK ENCLOSURE DETAILS
- C456 – CONCRETE PAVING DETAILS
- C457 – CONCRETE JOINT DETAILS
- C458 – AIRFIELD FENCING DETAILS
- C459 – QTA FENCING DETAILS
- C460 – SWING GATE DETAILS
- C461 – CRASH GATE DETAILS

- C462 – CRASH GATE DETAILS
- C463 – CANTILEVER SLIDE GATE DETAILS
- C464 – PEDESTRIAN GATE DETAILS
- C465 – QTA ACCESS CONTROL DETAILS
- C701 – GRADING AND DRAINAGE PLAN
- C702 – GRAINDING AND DRAINAGE PLAN
- C751 – QTA CROSS SECTIONS
- C752 – QTA CROSS SECTIONS
- C753 – QTA CROSS SECTIONS
- C754 – QTA CROSS SECTIONS
- C801 – UTILITY PLAN
- C802 – UTILITY PLAN
- C803 – PROFILE AND COVERAGE
- L002 – PLANTING PLAN
- L003 – PLANTING PLAN
- A020 - FINISH SCHEDULE & FINISH LEGEND
- A031 – DOOR DETAILS & DOOR SCHEDULE
- A110A – SLAB PLAN – BUILDING A
- A110B – SLAB PLAN – BUILDING B
- A110C – SLAB PLAN – BUILDING C
- A120A – BUILDING FLOOR PLAN – BUILDING A
- A120B – BUILDING FLOOR PLAN – BUILDING B
- A120C – BUILDING FLOOR PLAN – BUILDING C
- A130A – FINISH FLOOR PLAN – BUILDING A
- A130B – FINISH FLOOR PLAN – BUILDING B
- A130C – FINISH FLOOR PLAN – BUILDING C
- A201 – BUILDING A ELEVATIONS
- A203 – BUILDING B ELEVATIONS
- A205 – BUILDING C ELEVATIONS
- A400A-2 – ENLARGED FLOOR PLANS – BUILDING A
- A400B-2 – ENLARGED FLOOR PLANS – BUILDING B
- A400C – ENLARGED FLOOR PLANS – BUILDING C
- A401 – ENLARGED FLOOR PLANS – BUILDINGS A & B
- A401C – ENLARGED FLOOR PLANS – BUILDING C
- A403 – TYPICAL ENLARGED RESTROOM – BUILDINGS A, B & C
- S100A – FOUNDATION PLAN – BUILDING A
- S100B – FOUNDATION PLAN – BUILDING B
- S100C – FOUNDATION PLAN – BUILDING C
- S101A – SLAB-ON-GRADE PLAN – BUILDING A
- S101B – SLAB-ON-GRADE-PLAN – BUILING B
- S101C – SLAB-ON-GRADE-PLAN – BUILDING C
- S530 – FRAMING DETAILS
- M101 – THREE BAY FLOOR PLAN – BUILDING A

- M102 – THREE BAY FLOOR PLAN – BUILDING B
- E100 – ELECTRICAL SITE PLAN
- E101 – LIGHTING FLOOR PLAN – BUILDING A
- E102 – LIGHTING FLOOR PLAN – BUILDING B
- E103 – LIGHTING FLOOR PLAN – BUILDING C
- E201 – POWER FLOOR PLAN – BUILDING A
- E202 – POWER FLOOR PLAN – BUILDING B
- E203 – POWER FLOOR PLAN – BUILDING C
- E300 – FIRE ALARM RISER & ONE LIGHT DIAGRAM
- E301 – GROUNDING RIDER
- E400 – PANEL SCHEDULES
- QC001 – CARWASH SYSTEMS GENERAL NOTES AND DESCRIPTION
- QC600 – CARWASH SYSTEM EQUIPMENT SCHEDULE
- QE002 – ELECTRICAL GENERAL NOTES AND ABBREVIATIONS
- QFS001 – FUELING SYSTEM GENERAL NOTES AND LEGEND
- QFS100A – FUELING SYSTEM QTA BUILDING A PIPING PLAN
- QFS100B – FUELING SYSTEM QTA BUILDING B PIPING PLAN
- QFS100C – FUELING SYSTEM QTA BUILDING C PIPING PLAN
- QM100A – MAINTENANCE SYSTEMS QTA BUILDING A PIPING PLAN
- QM100B – MAINTENANCE SYSTEMS QTA BUILDING B PIPING PLAN
- QM100C – MAINTENANCE SYSTEMS QTA BUILDING C PIPING PLAN
- QM601 – MAINTENANCE SYSTEMS EQUIPMENT SCHEDULE
- QM701 – MAINTANCE SYSTEMS PIPING AND INSTRUMENTATION DIAGRAM

SPECIFICATIONS:

REPLACE Section 10 44 13 – Fire Protection Cabinets of the Technical Specifications with the attached 10 44 13 – Fire Protection Cabinets.

REPLACE Section 28 12 01 – SAACS of the Technical Specifications with the attached 28 12 01 - SAACS.

REPLACE Section 28 20 00 – Video Surveillance System of the Technical Specifications with the attached 28 20 00 – Video Surveillance System.

BID FORM:

REPLACE Bid Form with Attached Bid Form. Updated to add Pay Item W-04 for Fire Hydrant Relocation.

ATTACHMENTS:

- Plan sheets listed under Drawings
- Section 10 44 13 – Fire Protection Cabinets
- Section 28 12 01 – SAACS
- Section 28 20 00 – Video Surveillance System
- Updated Bid Form

End of Addendum #4

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2021" AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL PERFORM A PRE-CONSTRUCTION SURVEY.
3. THE CONTRACTOR SHALL CONFIRM WITH OWNER THE GOPHER TORTOISE AND COMMENSAL SURVEY IS COMPLETED PER THE ENVIRONMENTAL IMPACT ASSESSMENT DOCUMENT PRIOR TO START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
5. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AN APPROXIMATE LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, GEOTECHNICAL REPORT AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
9. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
10. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
11. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
14. ANY CONSTRUCTION ADJACENT TO A WETLAND AREA SHALL BE PERFORMED FROM THE UPLAND SIDE OF THE AREA. CONSTRUCTION ENCROACHMENT INTO A WETLAND AREA IS NOT ALLOWED UNLESS PERMITTED BY THE JURISDICTIONAL AGENCY.
15. THE CONTRACTOR SHALL PROVIDE A FULL-TIME ON-SITE SUPERVISOR FOR THE DURATION OF THE PROJECT. FOR OTHER REQUIREMENTS REFER TO THE PROJECT SPECIFICATIONS.
16. NIGHTTIME CONSTRUCTION LIGHTING: THE CONTRACTOR SHALL PROVIDE SUFFICIENT LIGHTING CAPABLE OF FULLY ILLUMINATING THE WORK AREA. THE CONTRACTOR SHALL COORDINATE THE DIRECTION AND ANGLE OF THE LIGHTS WITH THE OWNER TO PREVENT IMPAIRING THE VISION OF AIRCRAFT OPERATIONS AND THE FAA AIR TRAFFIC CONTROL TOWER.
17. THE CONTRACTOR SHALL COORDINATE THE WORK OF THIS PROJECT WITH THE OWNER, ALL TENANTS, OTHER CONTRACTORS AND OTHER ONGOING PROJECTS AT THE AIRPORT AS REQUIRED. ALL COSTS SHALL BE INCIDENTAL.
18. MAINTENANCE OF TRAFFIC WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL PUBLIC AND AIRPORT ROADS ARE TO REMAIN OPEN UNLESS SPECIFICALLY STATED IN THE CONTRACT DOCUMENTS. ALL MAINTENANCE OF TRAFFIC SHALL BE APPROVED BY THE OWNER. 1
19. HAUL ROUTES: LOCATION OF HAUL ROUTES ON THE AIRPORT SITE SHALL BE AS SPECIFIED ON SHEET G005 OR AS APPROVED BY THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF-SITE HAUL ROUTES (HIGHWAYS, COUNTY ROADS OR CITY STREETS) WITH THE APPROPRIATE OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE. ON-SITE HAUL ROUTES SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF BEING USED AS A HAUL ROUTE. THE BEFORE AND AFTER CONDITION OF ON-SITE HAUL ROUTES SHALL BE JOINTLY EXAMINED AND CONDITION DETERMINED BY THE CONTRACTOR AND THE OWNER. FENCING, DRAINAGE, GRADING AND OTHER MISCELLANEOUS CONSTRUCTION REQUIRED TO CONSTRUCT TEMPORARY HAUL ROUTES OR ACCESS POINTS ON THE AIRPORT WILL BE THE CONTRACTOR'S TOTAL RESPONSIBILITY AND SHALL BE APPROVED BY THE OWNER PRIOR TO THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO HAUL ROUTES RESULTING FROM CONSTRUCTION TRAFFIC. HAUL ROADS, ON AND OFF AIRPORT, ARE TO REMAIN CLEAN AT ALL TIMES. ALL COSTS ARE TO BE INCLUDED IN MOBILIZATION.
20. THE CONTRACTOR'S USE OF THE HAUL ROUTE AND ACCESS ROAD SHALL IN NO WAY HINDER THE SAFE AND UNOBSTRUCTED FLOW OF PUBLIC OR AIRPORT TRAFFIC. AIRCRAFT WILL HAVE THE RIGHT OF WAY AT ALL TIMES.
21. ACCESS ROUTES WILL BE CLEANED CONTINUOUSLY THROUGHOUT THE WORK SHIFT AND AT THE END OF THE SHIFT. VACUUM TRUCK/SWEEPER COMBO AND OPERATORS WILL REMAIN AT THE SITE UNTIL THE AREA IS ACCEPTED BY THE OWNER AND AIRPORT OPERATIONS FOR START OF AIRCRAFT OPERATIONS OR CONTINUED USE OF VEHICULAR TRAFFIC.
22. CONSTRUCTION LIMITS: ALL CONTRACTOR VEHICLES AND TRAFFIC SHALL REMAIN WITHIN THE DESIGNATED CONSTRUCTION LIMITS OR HAUL ROUTES. ABSOLUTELY NO CONTRACTOR VEHICLES WILL BE ALLOWED ON OTHER AIRFIELD OPERATIONS AREAS. 1
23. ALL CONSTRUCTION EQUIPMENT, OPERATING WITHIN THE AOA, SHALL HAVE APPROPRIATE FLAGS AND MARKINGS PER FAA AC 150/5210-5D "PAINTING, MARKING AND LIGHTING OF VEHICLES USED ON AN AIRPORT". FLAGS SHALL BE REPLACED AS REQUESTED BY THE OWNER AT NO ADDITIONAL COST.
24. THE CONTRACTOR SHALL MAINTAIN AT ALL TIMES A SECURED AIR OPERATIONS AREA (AOA). THIS SHALL INCLUDE THE TEMPORARY FENCING AND NECESSARY ACCESS GATES. ACCESS GATES TO THE AOA LOCATIONS SHALL BE AS SHOWN ON THE PLANS OR APPROVED BY THE OWNER.
25. WORK AREA CLEANLINESS: THE WORK AREA IS IN VERY CLOSE PROXIMITY TO ACTIVE AIRCRAFT OPERATIONS. THE AIRCRAFT'S JET ENGINES ARE SUSCEPTIBLE TO INTAKE OF MATERIAL FROM PAVEMENT AND OTHER SURFACES WHICH COULD CAUSE DAMAGE TO THE AIRCRAFT. THE CONTRACTOR SHALL TAKE SPECIAL CARE TO ENSURE THE SITE IS CLEAN AND FREE OF DEBRIS AT ALL TIMES. UPON COMPLETION OF A DAY'S WORK, THE CONTRACTOR SHALL INSPECT THE PROJECT LIMITS IN THE IMMEDIATE VICINITY OF THE DAY'S WORK AREA FOR DEBRIS PRIOR TO LEAVING THE SITE. ANY DEBRIS SHALL BE REMOVED FROM THE SITE. PAYMENT FOR THIS WORK SHOULD BE CONSIDERED INCIDENTAL TO THE PROJECT. NO ADDITIONAL COMPENSATION WILL BE MADE FOR CLEANING EFFORTS.
26. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN AND TREE INVENTORY PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
4. CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES TO REMAIN.
5. CONTRACTOR IS REQUIRED TO OBTAIN ALL DEMOLITION PERMITS.
6. ANY EXISTING TURF AREA DISTURBED OUTSIDE THE LIMITS OF WORK, AS A RESULT OF THE CONTRACTOR'S WORK EFFORT SHALL BE SODDED AT THE OWNER'S DISCRETION IN ACCORDANCE WITH THIS CONTRACT AT THE CONTRACTOR'S EXPENSE.
7. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.

RECORD DRAWINGS

1. CONTRACTOR SHALL PROVIDE TO THE ENGINEER AND OWNER RECORD DRAWINGS WHICH INCLUDE PAVEMENT GEOMETRY, GRADING AND DRAINAGE, AND UTILITIES. RECORD DRAWINGS SHALL BE SUBMITTED IN PDF AND AUTOCAD FILE FORMATS. THE RECORD DRAWINGS SHALL BE PREPARED BY A FLORIDA REGISTERED SURVEYOR. THE RECORD DRAWINGS SHALL VERIFY ALL DESIGN INFORMATION INCLUDED ON THE DESIGN PLANS OF THE SAME NAME. 1
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.

PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
3. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
4. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
5. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
6. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL SUBMIT DEWATERING PLAN TO THE ENGINEER FOR APPROVAL.
7. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
8. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.
9. ALL CUT OR FILL SLOPES SHALL BE 3 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
11. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
12. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
13. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.
14. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
15. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS OR CONTRACT DOCUMENTS.

MAINTENANCE OF TRAFFIC 1

1. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA), THE REQUIREMENTS OF THE CURRENT FDOT DESIGN STANDARD INDEX (SERIES 600) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY APPLICABLE MAINTENANCE OF TRAFFIC PERMITS.

WATER AND SEWER UTILITY NOTES

1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET.
3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
8. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.
9. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

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No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	CAC

Kimley»Horn
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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

GENERAL NOTES

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

SHEET NUMBER
G002

Plotted By:Kinnon, Adam Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:G002 GENERAL NOTES April 22, 2025 10:20:50am K:\TAL_Aviation\1-Engr\144124-TLH\059-Rental Car GTA\Design\CADD\PlanSheets\GTA\G002 GENERAL NOTES.dwg
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EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THIS EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
5. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
12. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
13. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
14. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE FDOT STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
15. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
16. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
18. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
19. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
20. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
22. ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

(A) INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.

(B) ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. FOR MAINTENANCE REQUIREMENTS REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS.

(C) SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

(D) THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.

(E) THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

(F) OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS / ACRE.

(G) ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

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CONTRACTOR NOTICE 2023 (EFFECTIVE DECEMBER 31, 2023)

THE CONTRACTOR & OWNER WILL BE HELD ACCOUNTABLE DURING CONSTRUCTION FOR ALL SITE IMPROVEMENTS. COMPLIANCE WITH FLORIDA STATUTES 553.5041 (F.S.), AND THE 2023 FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION (FBC-A), IS MANDATORY. IF NON-COMPLIANT AT FINAL INSPECTION, CONTRACTOR WILL BE REQUIRED TO MODIFY CONSTRUCTION TO COMPLY WITH F.S. FBC-A & FBC-B. THE FOLLOWING ITEMS TAKE PRECEDENCE AND SUPERSEDE OTHER SITE DETAILS ON DRAWINGS:

1. ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON AN ACCESSIBLE ROUTE NO LESS THAN 44" WIDE SO THAT USERS WILL NOT BE COMPELLED TO WALK OR WHEEL BEHIND PARKED VEHICLES EXCEPT BEHIND HIS OR HER OWN VEHICLE. RE: §208.3 & §502.3, FBC-A AND F.S. 553.5041.
2. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE FROM THE ACCESSIBLE (H/C) PARKING TO AN ACCESSIBLE ENTRANCE. §208.3.1 FBC-A & F.S. 553.5041(5)(B).
3. ACCESSIBLE PARKING SPACES SHALL BE 12 FT WIDE & OUTLINED WITH BLUE PAINT. §502.2 & §502.6 FBC-A.
4. ACCESS AISLES REQUIRED ADJACENT TO PARKING SPACES SHALL BE 5 FT WIDE WITH DIAGONAL STRIPING. §502.3.1, FBC-A.
5. ACCESSIBLE PARKING AND ACCESS AISLES SHALL BE LEVEL (NOT TO EXCEED 1:48) ON A STABLE, FIRM & SLIP RESISTANT SURFACE. RE: §302.1 & §502.4. FBC-A.
6. ACCESSIBLE PARKING IDENTIFICATION SIGNS SHALL BE FDOT APPROVED AND SHALL READ 'PARKING BY DISABLED PERMIT ONLY' AND SHALL INDICATE A $250 FINE FOR ILLEGAL USE. INSTALL SIGNS A MINIMUM 60 INCHES FROM THE GROUND TO THE BOTTOM OF THE SIGN(S). RE: §502.6 FBC-A AND F.S 553.5041.
7. CURB RAMPS SHALL NOT EXCEED 1:12 SLOPE, AND CURB RAMP FLARES SHALL NOT EXCEED 1:10 SLOPE. CURB RAMPS AND FLARED SIDES SHALL NOT ENCROACH UPON PARKING SPACES, ACCESS AISLES, OR VEHICULAR TRAFFIC LANES. THE COUNTER SLOPE OF ADJACENT ROAD SURFACES & GUTTERS SHALL NOT EXCEED 1:20. RE: §405.2 & §406., FBC-A.
8. CURB RAMPS SHALL HAVE A LANDING WITH A MINIMUM CLEAR LENGTH AND WIDTH OF 36" SHALL BE LOCATED AT THE TOP SIDE OF EACH CURB RAMP, A CLEAR WIDTH AT LEAST AS WIDE AS THE CURB RAMP (EXCLUDING FLARED SIDES) LEADING TO IT. EXCEPTION: FOR ALTERATIONS, WHERE THERE IS NO LANDING, CURB RAMP FLARES SHALL BE PROVIDED, AND SHALL NOT BE STEEPER THAN 1:12 SLOPE. RE: §406.4 FBC-A.
9. ALL RAMPS WITH A RISE GREATER THAN 6 INCHES SHALL PROVIDE EDGE PROTECTION COMPLYING WITH §405.9 FAC-A. RAMPS SHALL HAVE 60 INCHES MIN LEVEL LANDINGS AT THE TOP & BOTTOM. RE: §405.7. FBC-A.
10. ALL RAMPS WITH A RISE GREATER THAN 6" SHALL HAVE HANDRAILS ON BOTH SIDES WITH 12" HORIZONTAL EXTENSIONS AT THE TOP & BOTTOM OF THE RAMP. MAXIMUM RISE OF A RAMP RUN IS 30 INCHES ON AN ACCESSIBLE ROUTE. RE: §1012.8 FBC-B (FLORIDA BUILDING CODE - BUILDING) AND §505.10 FBC-A.
11. ACCESSIBLE ROUTES TO "MAIN ENTRY" FROM AN ACCESSIBLE PARKING SPACE, AND FROM THE "PUBLIC WAY", SHALL NOT EXCEED 1:20 SLOPE UNLESS RAMPS WITH PROPER HANDRAILS & HANDRAIL EXTENSIONS ARE PROVIDED AND WITH A CROSS SLOPE NOT IN EXCESS OF 1:48. RE: §206, §402 AND §403., FBC-A.
12. *CONNECT BUILDINGS WITHIN THE SAME SITE WITH AN ACCESSIBLE ROUTE WHICH SHALL NOT EXCEED 1:20 SLOPE (UNLESS RAMPS AND HANDRAILS ARE PROVIDED) AND A MAXIMUM CROSS SLOPE OF 1:48. RE: §206 FBC-A.

*EXCEPTION: AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED BETWEEN ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES IF THE ONLY MEANS OF ACCESS BETWEEN THEM IS A VEHICULAR WAY NOT PROVIDING PEDESTRIAN ACCESS. RE: §206.2.2 FBC-A.

DESIGN STANDARDS:

FDOT	SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, FY 2024-2025
FDOT	STANDARD PLANS, FY 2024-2025
FDOT	MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE OF STREETS AND HIGHWAYS (GREEN BOOK)
FAA	ADVISORY CIRCULAR 150/5370-2G (OR LATEST VERSION)
COT	TECHNICAL SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION, LATEST EDITION
MUTCD	CURRENT EDITION

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	CAC

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CONNOR A. CHAMBLISS
FLORIDA LICENSE NUMBER 88587
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KHA PROJECT 144124117
DATE JAN 2025
SCALE AS SHOWN
DESIGNED BY SHB
DRAWN BY TLB
CHECKED BY CAC

GENERAL NOTES

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

SHEET NUMBER
G003

Plotted By:Kinnon, Adam Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:G003 GENERAL NOTES April 22, 2025 10:26:04am K:\TAL_Aviation\1_Engr\144124-TLH\059-Rental Car GTA\Design\CADD\PlanSheets\GTA\G002 GENERAL NOTES.dwg
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SAFETY NOTES

1. THE PLANS AND SAFETY NOTES ARE NOT IN ANY WAY INTENDED TO IMPLY OR PROVIDE ANY DIRECTION REGARDING THE CONTRACTOR'S OWN CONSTRUCTION WORKFORCE SAFETY. THE CONTRACTOR'S SAFETY REQUIREMENTS/ACCOMMODATIONS ASSOCIATED WITH THE PROJECT CONSTRUCTION WORKFORCE IS SOLELY AND ENTIRELY THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR TO PROVIDE COPY OF COMPANY/PROJECT SAFETY PLAN FOR THE PROJECT RECORD.

2. THE CONTRACTOR SHALL TAKE NECESSARY ACTION AT ALL TIMES TO PROTECT THE PUBLIC, AND MAINTAIN AIRCRAFT AND VEHICULAR TRAFFIC.

3. THE EMERGENCY NUMBER TO CALL FOR ANY INCIDENT ON THE PROJECT OR AIRPORT SHALL BE 911, AND THE SITE IS TALLAHASSEE INTERNATIONAL AIRPORT, UNLESS OTHERWISE NOTIFIED BY THE OWNER. IN ADDITION, CALL THE AIRPORT COMMUNICATIONS CENTER AT 850-891-7830 FOR NOTIFICATION OF THE EMERGENCY.

4. ALL COMMUNICATION WITH THE AIR TRAFFIC CONTROL TOWER OR OTHER ELEMENTS OF THE AIRPORT SHALL BE THROUGH THE OWNER, UNLESS OTHERWISE DIRECTED.

5. THE CONTRACTOR SHALL COORDINATE DAILY CONSTRUCTION OPERATIONS WITH THE OWNER PRIOR TO BEGINNING WORK. CONTRACTOR SHALL CONTACT THE AIRPORT COMMUNICATIONS CENTER AT 850-891-7830 AT THE BEGINNING AND ENDING OF EACH WORK DAY.

6. EQUIPMENT TALLER THAN 20 FEET SHALL NOT BE USED UNLESS SPECIFICALLY APPROVED BY THE OWNER.

7. IT IS THE INTENT OF THE OWNER TO MINIMIZE INTERFERENCE OR CONFLICT WITH AIRCRAFT AIR OR GROUND OPERATIONS. BEFORE STARTING ANY WORK OPERATIONS, THE CONTRACTOR SHALL ASSURE THAT PROPER SAFETY PRECAUTIONS ARE TAKEN AND THAT PROPER SEPARATIONS TO AIRCRAFT ARE MAINTAINED. UNLESS NOTED OTHERWISE, AIRCRAFT HAVE THE RIGHT-OF-WAY OVER CONSTRUCTION ACTIVITIES AND EQUIPMENT.

8. NO RUNWAY, TAXIWAY, TAXILANE, APRON OR AIRPORT ROADWAY SHALL BE CLOSED WITHOUT WRITTEN APPROVAL FROM THE OWNER. TO ENABLE NECESSARY "NOTICE TO AIRMEN" (NOTAM) OR ADVISORIES TO AIRPORT SERVICES OR TENANTS, A WRITTEN NOTICE REQUESTING A CLOSURE SHALL BE DIRECTED TO THE OWNER AND AIRPORT OPERATIONS, A MINIMUM OF 72 HOURS PRIOR.

9. ANY CONSTRUCTION ACTIVITY WITHIN RUNWAY SAFETY, TAXIWAY OR TAXILANE OBJECT FREE AREAS AS SHOWN ON THE DRAWINGS WILL REQUIRE CLOSURE OF THE AFFECTED RUNWAY OR TAXIWAY, UNLESS OTHERWISE APPROVED BY AIRPORT OPERATIONS. CLOSURE REQUIRES THE SAME PROVISIONS AS NOTE 8 ABOVE.

10. WORK WITHIN THE OBJECT FREE AREA (OFA) MAY NOT PROCEED, NOR MAY VEHICLES ENCROACH WITHIN THIS AREA UNTIL THE APPROPRIATE NOTAMS HAVE BEEN ISSUED. CONSTRUCTION VEHICLE ACTIVITY ADJACENT TO OR WITHIN THE OFA OR OPERATIONAL RUNWAYS, TAXIWAYS, TAXILANES, OR APRONS WILL BE CONTROLLED BY FLAGMEN FAMILIAR WITH AIR OPERATIONS TO ENSURE AIRCRAFT SAFETY AT THE EXPENSE OF THE CONTRACTOR.

11. CONSTRUCTION DURING THE PROJECT MAY BE HALTED AT ANY TIME IF IT IS DETERMINED TO BE IN THE BEST INTEREST OF THE OWNER OR AIRPORT OPERATIONAL SAFETY, AND THE CONTRACTOR MAY BE DIRECTED TO REMOVE EQUIPMENT AND/OR EVACUATE THE SITE. NECESSARY EXTENSIONS IN CONTRACT TIME MAY BE GRANTED OR A STOP WORK ORDER MAY BE ISSUED DUE TO THESE DELAYS. THERE WILL BE NO ADJUSTMENTS IN CONTRACT PRICE DUE TO THESE DELAYS. SHOULD SEVERE WEATHER OR OTHER OPERATIONAL EMERGENCY REQUIRE ADDITIONAL OUT OF SCOPE WORK TO PREPARE THE AREA FOR AIRCRAFT OPERATION, THE CONTRACTOR SHALL PROMPTLY AND FULLY COMPLY WITH THE OWNER'S DIRECTIVE. THE CONTRACTOR MAY SUBMIT DOCUMENTATION SUPPORTING A REQUEST TO BE REIMBURSED FOR SUCH EXTRA WORK FOR CONSIDERATION AND ACTION BY THE OWNER.

SAFETY NOTES (CONT.)

12. DURING TIMES WHEN SAFETY OF FLIGHT OPERATIONS COULD BE IMPAIRED, OR WHEN EQUIPMENT IS IDLE, ALL CONTRACTOR'S BOOMS, TOWERS, AND OTHER MOVABLE APPENDAGES WILL BE LOWERED TO THE MINIMUM EXTENT AND PARKED OUTSIDE THE OFA IN THE DESIGNATED STAGING AREA.

13. CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIALS WITHIN 10 FEET OF THE AIRPORT OPERATIONS AREA FENCE AT ANY TIME.

14. THE CONTRACTOR SHALL PREVENT ANY MATERIAL ASSOCIATED WITH THE CONTRACTOR'S OPERATIONS FROM BLOWING, SPILLING, OR BEING TRANSPORTED ONTO ACTIVE OPERATIONAL PAVEMENT WHERE IT CAN POSE A FOREIGN OBJECT DAMAGE (FOD) HAZARD TO AIRCRAFT. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY FOD MATERIAL RESULTING FROM THEIR ACTIVITIES, FROM ACTIVE OPERATIONAL PAVEMENT AND SHALL BE RESPONSIBLE FOR ANY DAMAGE WHICH RESULTS. IN ADDITION, ALL PAVEMENTS ADJACENT TO CONTRACTOR WORK AREAS SHALL BE SWEPT CLEAN AT THE END OF EACH WORK DAY. CONTRACTOR SHALL MONITOR WIND DIRECTION AND PREVENT DUST FROM BEING BLOWN INTO ADJACENT OPERATIONAL AREAS.

15. STOCKPILED MATERIAL, IF PERMITTED BY THE OWNER, SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT RESULTING FROM AIRCRAFT JET BLAST OR WIND CONDITIONS. STOCKPILE HEIGHT SHALL BE LESS THAN 20 FEET, AND SHALL BE LOCATED OUTSIDE THE RUNWAY AND TAXIWAY OBJECT FREE AREAS. IN ADDITION, STOCKPILED MATERIAL SHALL HAVE SILT FENCE LOCATED AROUND THE MATERIAL TO PREVENT FOREIGN OBJECT DEBRIS (FOD) FROM MOVING ONTO THE AIRFIELD PAVEMENTS OR POLLUTING WATERCOURSES. STOCKPILES THAT REQUIRED FAA 7460-1 SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR AND SHALL BE CONSIDERED INCIDENTAL TO MOBILIZATION.

16. THERE SHALL BE NO PERMANENT WASTE SITES ON AIRPORT PROPERTY. ANY TEMPORARY WASTE AREA WILL BE APPROVED BY THE OWNER AND SHALL BE KEPT IN A NEAT CONDITION. THE OWNER MAY DIRECT THE CONTRACTOR TO REMOVE WASTE IF NOT PROPERLY MAINTAINED. UPON THE COMPLETION OF THE PROJECT, OR AS DIRECTED BY THE OWNER, THE CONTRACTOR WILL REMOVE ALL WASTE FROM AIRPORT PROPERTY AND DISPOSE OF IT IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS AT THE CONTRACTOR'S SOLE COST AND EXPENSE.

17. DEBRIS, WASTE AND LOOSE MATERIAL SHALL NOT BE ALLOWED TO BE ON ACTIVE AIRCRAFT MOVEMENT AREA PAVEMENT OR ALONG HAUL ROUTES. THE CONTRACTOR SHALL REMOVE IT IMMEDIATELY AND CONTINUOUSLY DURING CONSTRUCTION BY MECHANICAL VACUUM SWEEPER OR OTHER APPROVED METHODS.

18. CONTRACTOR IS NOT TO USE, TERMINATE, OPERATE OR INTERRUPT THE AIRFIELD CIRCUITRY WITHOUT SPECIFIC APPROVAL OF THE OWNER. THE OWNER SHALL MAINTAIN CONTROL OF ANY SERIES CIRCUIT CUTOUTS REMOVED TO PROTECT PERSONNEL WORKING ON OR INVESTIGATING ANY CIRCUITS.

19. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING AFFECTED ELECTRICAL CIRCUITS ARE DE-ENERGIZED AND PROTECTED FROM BEING RE-ENERGIZED WHEN WORKING ON OR COMPACTING AROUND ELECTRICAL SYSTEMS IN ACCORDANCE WITH LOCK-OUT/TAG-OUT PROCEDURES.

20. OPEN FLAMES, WELDING OR TORCH-CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN TAKEN AND THE PROCEDURE IS APPROVED BY THE OWNER.

SECURITY NOTES

1. IT IS INTENDED THAT THE CONTRACTOR SHALL COMPLY WITH ALL SECURITY REQUIREMENTS SPECIFIED HEREIN AND IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRIEFING ALL PERSONNEL ON THESE REQUIREMENTS AND OTHER SECURITY PROVISIONS ADOPTED BY THE OWNER. ALL NEW CONTRACTOR EMPLOYEES SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN EACH CONSTRUCTION AREA.

2. IDENTIFICATION OF PERSONNEL: ALL EMPLOYEES, AGENTS, VENDORS, INVITEES, ETC. OF THE CONTRACTOR OR SUBCONTRACTORS REQUIRING ACCESS TO THE PROJECT SITE OR STAGING AREA, IF LOCATED WITHIN THE AOA, SECURED OR STERILE AREAS, IN ACCORDANCE WITH THE OWNER'S SECURITY PROGRAM, WILL BE REQUIRED TO DISPLAY AIRPORT ISSUED IDENTIFICATION OR BE UNDER ESCORT BY PROPERLY BADGED PERSONNEL. AT THE COMPLETION OF THE CONTRACT ALL BADGES WILL BE RETURNED TO THE AIRPORT OR A PER BADGE CHARGE WILL BE ASSESSED FOR ALL BADGES NOT RETURNED. AS PART OF THE BADGE APPLICATION PROCESS, EACH APPLICANT WILL BE FINGERPRINTED FOR USE IN A CRIMINAL RECORDS SEARCH. ANY PERSON WHOSE CRIMINAL RECORD REVEALS OFFENSES LISTED BY FAA AS DISQUALIFYING OFFENSES WILL BE DENIED A BADGE AND WILL BE PROHIBITED FROM UNESCORTED ACCESS TO THE PROJECT SITE. ALL REQUIRED PAPERWORK AND ID BADGE APPLICATIONS SHALL BE SUBMITTED A MINIMUM OF THREE (3) WEEKS BEFORE ISSUANCE OF ANY BADGE. CONTRACTOR PERSONNEL REQUIRING AIRPORT ISSUED BADGES ARE RESPONSIBLE FOR ATTENDING SIDA TRAINING AND COMPLETING SECURITY BADGE APPLICATIONS. THERE MAY BE A CHARGE FOR THE BACKGROUND CHECK AND FINGERPRINTING PROCESS, THE COST OF WHICH SHALL BE INCIDENTAL TO MOBILIZATION. ALL EMPLOYEES, AGENTS, VENDORS, INVITEES, ETC. OF THE CONTRACTOR OR SUBCONTRACTORS HAVING ACCESS TO THE AOA UNDER ESCORT SHALL CONSPICUOUSLY WEAR EITHER SHIRT AND/OR HARD HAT THAT IDENTIFIES THE EMPLOYER OF THE PERSONNEL.

3. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ADEQUATE STAFF ARE BADGED AND TRAINED IN ACCORDANCE WITH AIRPORT SECURITY AND OPERATIONS PROCEDURES. BADGING PROCESS MAY TAKE UP TO FOUR WEEKS TO COMPLETE. THE CONTRACTOR SHALL ALLOW ADEQUATE TIME FOR BADGING PRIOR TO CONSTRUCTION.

4. CONTRACTOR PERSONNEL SECURITY ORIENTATION: THE CSSO SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON SECURITY REQUIREMENTS AS OUTLINED IN THE CONTRACT DOCUMENTS.

5. THE CONTRACTOR'S ACCESS TO THE SITE SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE OWNER. NO OTHER ACCESS POINTS SHALL BE ALLOWED UNLESS APPROVED AND DIRECTED BY THE OWNER. ALL CONTRACTOR TRAFFIC AUTHORIZED TO ENTER THE SITE SHALL BE EXPERIENCED IN THE ROUTE OR GUIDED BY CONTRACTOR PERSONNEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL TO AND FROM THE VARIOUS CONSTRUCTION AREAS ON AIRPORT PROPERTY. DIRECTIONAL SIGNING AT THE ACCESS POINT AND ALONG THE DELIVERY ROUTE TO THE STORAGE AREA OR WORK SITE SHALL BE AS DIRECTED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR IMMEDIATE CLEANUP OF ANY DEBRIS DEPOSITED ALONG ANY ROUTE USED AS A RESULT OF THEIR CONSTRUCTION TRAFFIC.

6. THE MATERIAL STORAGE AREA, EQUIPMENT STORAGE AREA, PARKING AREA AND OTHER AREAS DEFINED AS REQUIRED FOR THE CONTRACTOR'S EXCLUSIVE USE DURING CONSTRUCTION SHALL BE AS SHOWN ON THE PROJECT DRAWINGS OR AS DIRECTED BY THE OWNER. THE CONTRACTOR SHALL ERECT, MAINTAIN AND REMOVE AT COMPLETION OF THE PROJECT AROUND THE PERIMETER OF THESE AREA SUITABLE FENCING, MARKING AND/OR WARNING DEVICES VISIBLE FOR DAY/NIGHT USE.

7. ALL CONTRACTOR'S MATERIAL ORDERS FOR DELIVERY TO THE SITE MUST BE ESCORTED BY THE CONTRACTOR. THIS WILL PRECLUDE DELIVERY TRUCKS FROM ENTERING INTO THE AIRPORT OR TAKING SHORT-CUTS THROUGH THE PERIMETER GATES AND ENTERING INTO AIRPORT OPERATIONS AREAS INADVERTENTLY. THE OWNER AND TRANSPORTATION SECURITY ADMINISTRATION SHALL HAVE THE RIGHT TO INSPECT ALL PERSONNEL, EQUIPMENT AND MATERIALS TO BE BROUGHT INTO THE AIRPORT OPERATIONS AREA.

8. THE CONTRACTOR ACCESS GATE DESIGNATED FOR USE MAY BE UTILIZED BY OTHER CONTRACTORS, AIRPORT TENANTS OR BY THE OWNER DURING THIS PROJECT. THE CONTRACTOR IS REQUIRED TO COORDINATE HAUL ROUTE AND ACCESS WITH ALL PARTIES. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR ISSUES RELATED TO SITE ACCESS.

9. ALL ACCESS GATES SHALL BE CLOSED DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP THE AIRPORT SECURED AT ALL TIMES DURING CONSTRUCTION.

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

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1	ADDENDUM #4	06/30/25	CAC

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

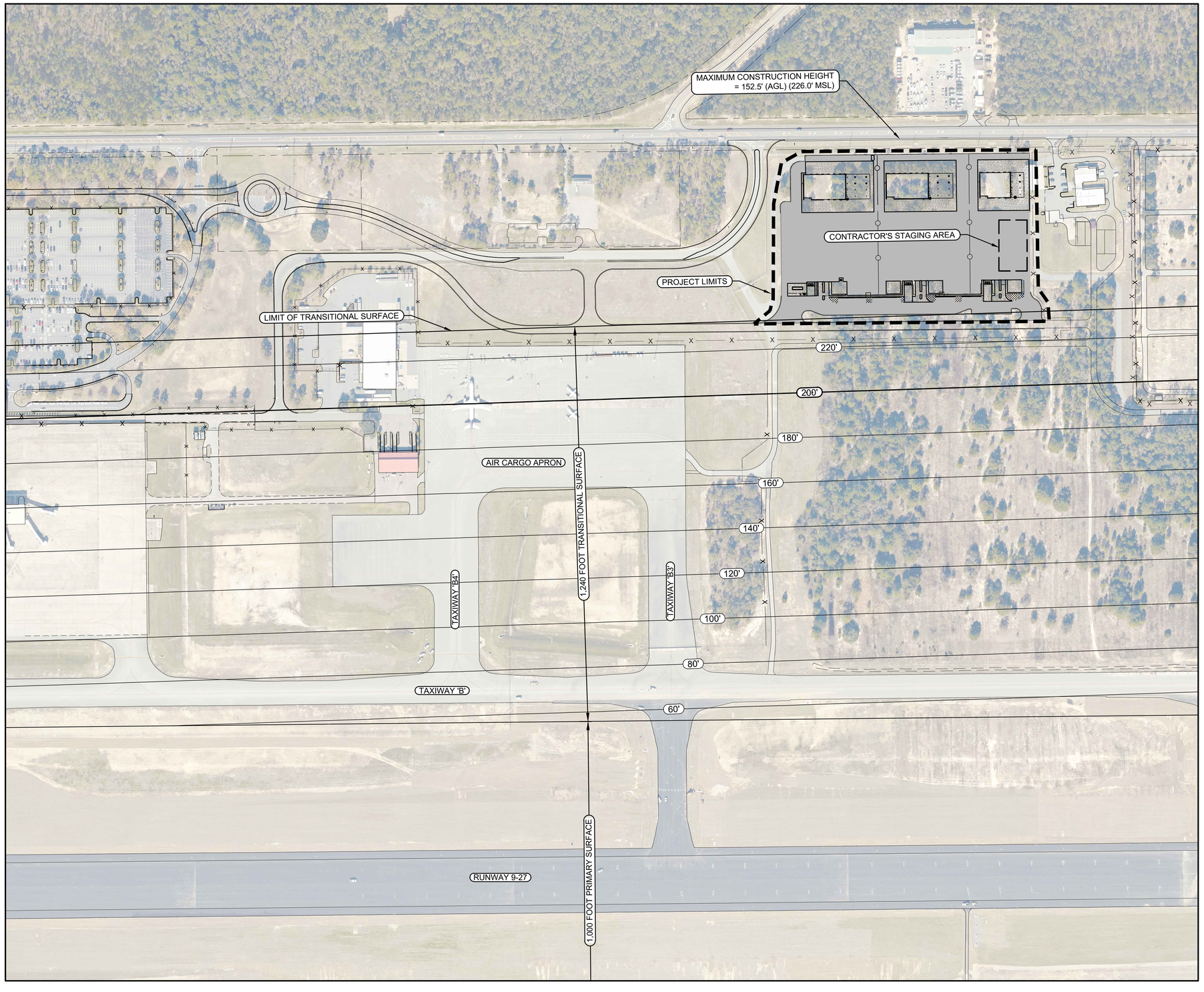
SAFETY AND SECURITY NOTES

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

SHEET NUMBER
G004

Plotted By:Kinnon, Adam Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:G004 SAFETY AND SECURITY NOTES April 21, 2025 04:17:26pm K:\TAL_Aviation\1_Engr\144124-TLH\059-Rental Car GTA\Design\CADD\PlanSheets\GTA\G004 SAFETY AND SECURITY NOTES.dwg
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NORTH

GRAPHIC SCALE IN FEET
0 75 150 300

NOTES:

1. MAXIMUM CONSTRUCTION HEIGHT REFERS TO BOTH PERMANENT CONSTRUCTION FEATURES AND THE MAXIMUM HEIGHT OF TEMPORARY EQUIPMENT SUCH AS CRANES.
2. CONTOUR ELEVATIONS REFER TO THE IMAGINARY SURFACE HEIGHT ABOVE MEAN SEA LEVEL (MSL). THE HEIGHT OF THE EXISTING GROUND IS SUBTRACTED FROM THESE ELEVATIONS TO DETERMINE THE MAXIMUM ABOVE GROUND LEVEL (AGL) CONSTRUCTION HEIGHT RESTRICTIONS.

LEGEND:

220' MAJOR AIRSPACE CONTOUR

220' MINOR AIRSPACE CONTOUR

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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

AIRSPACE SURFACE PROTECTION PLAN

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

SHEET NUMBER
G007

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AOA SERVICE ROAD

RENTAL CAR SERVICE ROAD

501+00

502+00

503+00

504+00

505+00

506+00

600+00

601+00

602+00

603+00

604+00

604+95

700+00

701+00

702+00

703+00

704+00

704+95

PERFORM SMOOTH SAWCUT

PAVEMENT SAW CUT SEE NOTE 1

5' TYPICAL

MAINTAIN AND PROTECT EXISTING ROAD AND CURB

TELEPHONE PEDESTAL (MAINTAIN AND PROTECT)

AIRPORT PROPERTY LIMITS

EXISTING UNDERGROUND AND OVERHEAD UTILITIES (MAINTAIN AND PROTECT)

REMOVE 48 LF 8" PP

REMOVE 110 LF 6" PP

REMOVE 22 LF 8" PP

MAINTAIN AND PROTECT EXISTING UTILITIES IN AREA OF PAVEMENT REMOVAL

PERFORM SMOOTH SAWCUT

PAVEMENT SAW CUT SEE NOTE 1

PERFORM SMOOTH SAWCUT

MAINTAIN AND PROTECT EXISTING ROAD AND CURB

CONC. DITCH BLOCK

MATCHLINE, SEE SHEET C202

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

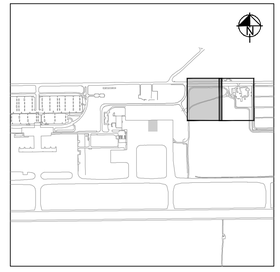
NOTE:

1. CONTRACTOR SHALL COORDINATE IN THE FIELD REQUIRED TRENCH FOR FUEL PIPE INSTALLATION PRIOR TO PERFORMING SMOOTH SAW CUT OF EXISTING ASPHALT PAVEMENT.
2. DEPTH OF EXCAVATION VARIES, REFER TO PROPOSED PAVEMENT GRADES AND PAVEMENT SECTIONS FOR DEPTHS.

LEGEND

- EXCAVATE EXISTING SOIL (SEE NOTE 2)
- EXISTING FIRST LIFT OF ASPHALT PAVEMENT
- EXISTING SOD TO REMAIN
- FUEL PIPE TRENCH
- REMOVE ASPHALT PAVEMENT (FULL DEPTH)
- SAN — EXISTING SANITARY SEWER PIPE
- SD — EXISTING STORM DRAIN PIPE
- W — EXISTING WATER MAIN PIPE
- GAS — EXISTING GAS MAIN
- DEMOLISH EXISTING DRAINAGE PIPE
- X — EXISTING AIRPORT SECURITY FENCE

KEY MAP



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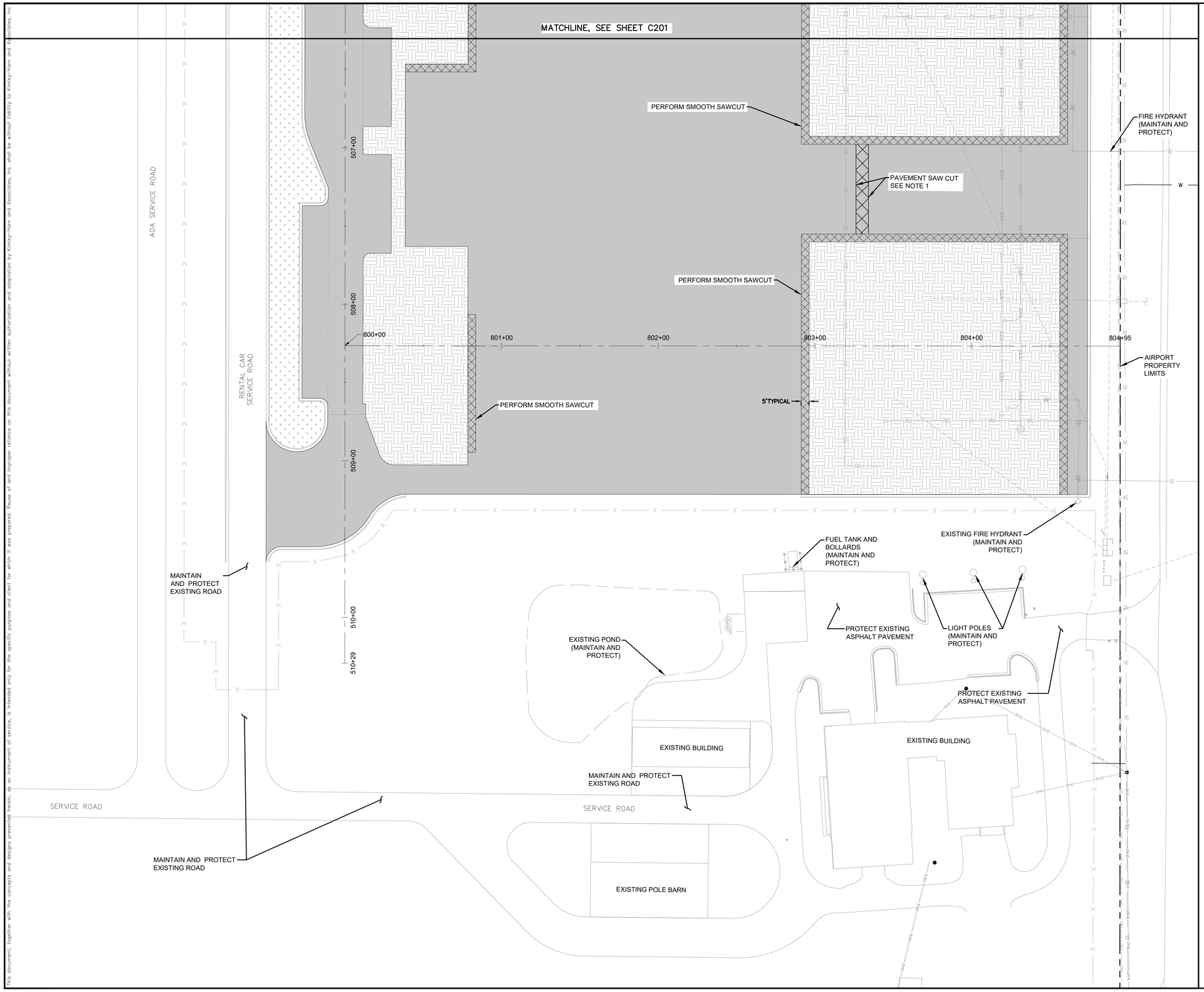
KHA PROJECT	144124117
DATE	JAN 2025
SCALE	AS SHOWN
DESIGNED BY	SMS
DRAWN BY	MC
CHECKED BY	NEP

DEMOLITION PLAN

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

SHEET NUMBER
C201

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NORTH

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0 15 30 60

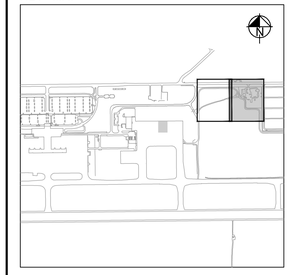
NOTE:

1. CONTRACTOR SHALL COORDINATE IN THE FIELD REQUIRED TRENCH FOR FUEL PIPE INSTALLATION PRIOR TO PERFORMING SMOOTH SAW CUT OF EXISTING ASPHALT PAVEMENT.
2. DEPTH OF EXCAVATION VARIES, REFER TO PROPOSED PAVEMENT GRADES AND PAVEMENT SECTIONS FOR DEPTHS.
3. NEW AOA FENCE TO BE CONSTRUCTED PRIOR TO REMOVING EXISTING AOA FENCE.

LEGEND

- EXCAVATE EXISTING SOIL (SEE NOTE 2)
- EXISTING FIRST LIFT OF ASPHALT PAVEMENT
- EXISTING SOD TO REMAIN
- FUEL PIPE TRENCH
- REMOVE ASPHALT PAVEMENT (FULL DEPTH)
- SAN — EXISTING SANITARY SEWER PIPE
- SD — EXISTING STORM DRAIN PIPE
- W — EXISTING WATER MAIN PIPE
- GAS — EXISTING GAS MAIN
- DEMOLISH EXISTING DRAINAGE PIPE
- X — EXISTING AIRPORT SECURITY FENCE

KEY MAP



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1	ADDENDUM #4	06/30/25	LJC

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

DEMOLITION PLAN

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

SHEET NUMBER
C202

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CAPITAL CIR SW

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

INSET A

REMOVE 282 LF OF 8" PVC SANITARY SEWER PIPE

DIR. ONLY (8" PVC)

SANITARY MANHOLE RIM EL. = 58.66 N INV. EL. = 51.90 SW INV. EL. = 51.82

SANITARY MANHOLE RIM EL. = 63.15 N INV. EL. = 56.94 S INV. EL. = 56.94

PLUG MANHOLE AFTER 8" PVC PIPE REMOVAL

DIR. ONLY (6" PVC)

DRAINAGE MANHOLE RIM EL. = 62.16 N INV. EL. = 59.26 E INV. EL. = 59.02 W INV. EL. = 58.59

WOOD STAIRS

#3215 2-STORY METAL BUILDING

DIR. ONLY (4" PVC)

5.9' X 11.6' METAL SHED

REMOVE OVERHEAD ELECTRICAL

REMOVE 223 LF OF 8" PVC SANITARY SEWER PIPE

EXISTING FENCE (TO BE REMOVED)

SEE INSET A ON THIS SHEET

SEE INSET "A" ON THIS SHEET

EXISTING WATER MAIN AND ALL APPURTENANCES TO BE REMOVED, CONTRACTOR TO FIELD VERIFY EXISTING WATER MAIN BEFORE REMOVAL. (TYP.)"

SPEED BUMP

SANITARY MANHOLE RIM EL. = 63.15 N INV. EL. = 56.94 S INV. EL. = 56.94 (TO BE REMOVED)

SANITARY MANHOLE RIM EL. = 65.61 NE INV. EL. = 57.64 S INV. EL. = 57.57

DIR. ONLY (4" PVC) (TO BE REMOVED)

EXISTING BUILDING (TO BE REMOVED)

EXISTING FENCE (TO BE REMOVED)

CATCH BASIN GRATE EL. = 64.90 W INV. EL. = 64.16 S INV. EL. = 64.05 (TO BE REMOVED)

CATCH BASIN GRATE EL. = 65.79 E INV. EL. = 64.95 (TO BE REMOVED)

REMOVE OVERHEAD ELECTRICAL

PROTECT EXISTING ASPHALT PAVEMENT

SAWCUT ASPHALT FOR A CLEAN EDGE

EXISTING WATER MAIN AND ALL APPURTENANCES TO BE REMOVED, CONTRACTOR TO FIELD VERIFY EXISTING WATER MAIN BEFORE REMOVAL. (TYP.)"

PROTECT EXISTING FENCE AND GATE

REMOVE OVERHEAD ELECTRICAL

BOLLARD (TO BE REMOVED-TYP.)

DIR. ONLY (8" PVC)

EXISTING BUILDING (TO BE REMOVED)

#3201 1-STORY BUILDING

BUILDING

BUILDING OVERHANG (GAS PUMPS & VACUUMS IN AREA)

(TO BE REMOVED)

METAL STAIRS (TO BE REMOVED)

DIR. ONLY (4" PVC)

DIR. ONLY (4" PVC) (TO BE REMOVED)

CATCH BASIN GRATE EL. = 65.98 E INV. EL. = 65.15 (TO BE REMOVED)

CATCH BASIN GRATE EL. = 66.45 (TO BE REMOVED)

ABOVE GROUND FUEL TANK ON CSL (TO BE REMOVED BY OTHERS)

UNABLE TO ACCESS MANHOLES (VEHICLES BLOCKING ACCESS) (TO BE REMOVED)

BOLLARD (TO BE REMOVED-TYP.)

CONTRACTOR TO INSTALL NEW GUY ANCHOR TO SPORT EXISTING UTILITY LINE

EXISTING FENCE (MAINTAIN AND PROTECT)

EXISTING FENCE (TO BE REMOVED)

REMOVE OVERHEAD ELECTRICAL

DIR. ONLY (6" PVC)

WOOD STAIRS (TO BE REMOVED)

DRAINAGE MANHOLE RIM EL. = 62.16 N INV. EL. = 59.26 E INV. EL. = 59.02 W INV. EL. = 58.59 (TO BE REMOVED)

#3215 2-STORY METAL BUILDING

DIR. ONLY (4" PVC)

5.9' X 11.6' METAL (TO BE REMOVED)

DIR. ONLY (8" PVC)

BUILDING OVERHAND (CLEANING AND FUEL AREA)

CARPORT

CATCH BASIN GRATE EL. = 61.77 W INV. EL. = 61.34 (4" PVC (FULL OF DIRT) (TO BE REMOVED)

REMOVE OVERHEAD ELECTRICAL

9.8' X 15.7' METAL SHED (TO BE REMOVED)

VACUUM STATION

BUILDING OVERHANG (CLEANING AND FUEL AREA)

#4330 1-STORY BUILDING

EXISTING BUILDING (TO BE REMOVED)

3-STORY MOBILE BUILDING

CLEANOUT

8.2' X 11.8' METAL SHED (TO BE REMOVED)

DIRT PILE

EXISTING RAMP (TO BE REMOVED)

GRADE FLAT STRIPPING TOP SOIL AREA

CATCH BASIN (FULL OF DIRT) (4) PVC DRAIN PIPES ABOVE GRADE (TO BE REMOVED)

EXISTING BUILDING (TO BE REMOVED)

EXISTING BUILDING (TO BE REMOVED)

REMOVE OVERHEAD ELECTRICAL

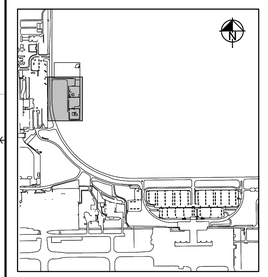
NOTE:

1. REMOVE ALL BUILDING FOUNDATIONS, SLABS ON GRADE, AND PAVEMENTS FULL-DEPTH. BACKFILL WITH AASHTO TYPE A-3 SOILS AND COMPACT IN 12-INCH MAXIMUM LOOSE LIFTS. COMPACT TO 95% MODIFIED PROCTOR. BACKFILL OF HOLES RESULTING FROM DEMOLITION OF THESE ITEMS SHALL GENERALLY MATCH THE PRE-DEMOLITION SURFACE ELEVATIONS UNLESS PROPOSED GRADES INDICATE OTHERWISE. REFER TO SHEET C353 FOR STABILIZATION PLAN.
2. ALL UNDERGROUND UTILITIES WITHIN CLEARING AND GRUBBING, STRIPPING, AND DEMOLITION LIMITS ARE TO BE REMOVED UNLESS SPECIFICALLY SHOWN TO REMAIN. LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES.
3. ALL WORK PROPOSED ON THIS SHEET SHALL BE PAID FOR UNDER CLEARING AND GRUBBING.

LEGEND

- REMOVE LINEAR FEATURE: FENCE, SPIKE STRIP, PIPE, OVERHEAD ELECTRIC LINE.
- REMOVE ASPHALT PAVEMENT AND BASE COURSE
- REMOVE CONCRETE PAVEMENT AND BASE COURSE
- BUILDING DEMOLITION
- L-R — REMOVE LIGHT POLE AND ELECTRIC BOX
- E-R — REMOVE ELECTRIC JUNCTION BOX
- OBJECT REMOVAL

KEY MAP



No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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KHA PROJECT 144124117			
DATE	JAN. 2025		
SCALE	AS SHOWN		
DESIGNED BY	SNS	DRAWN BY	MC
CHECKED BY	NEP	DATE:	

DEMOLITION PLAN

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

SHEET NUMBER
C203

CONSTRUCTION SEQUENCE:
THE INTENT OF THIS SEQUENCE IS TO MINIMIZE EROSION DURING INITIAL CONSTRUCTION. BMP'S MAY REQUIRE MODIFICATION AS NECESSARY THROUGHOUT CONSTRUCTION ACTIVITY.

PHASE 1:
1. PRE-CONSTRUCTION ENVIRONMENTAL PROTECTION/INSPECTION SCHEDULE.
   1.1. SCHEDULE A PRE-CONSTRUCTION MEETING WITH CITY OF TALLAHASSEE ENVIRONMENTAL INSPECTOR.
   1.2. POST ALL PERMIT PLACARDS, INCLUDE NPDES NOTICE OF INTENT.
   1.3. THE CONTRACTOR SHALL DESIGNATE (WITH WRITTEN DOCUMENTATION) AN ONSITE EROSION CONTROL OFFICER WITH 24 HOUR CONTACT INFORMATION.
   1.4. INSTALL PERIMETER EROSION CONTROLS INCLUDING CONSTRUCTION ENTRANCE AND TRUCK WASH PIT.
2. CONTRACTOR SHALL NOT ALLOW SEDIMENT TO RUNOFF TO EXISTING SWMFS.
3. INSPECT AND REPAIR THE PERIMETER EROSION CONTROLS, AS NECESSARY.

PHASE 2:
1. CLEAR AND GRUB SITE.
2. COMPLETE SITE GRADING IN ACCORDANCE WITH GRADING PLAN.
2. CONTRACTOR SHALL NOT ALLOW SEDIMENT TO RUNOFF TO EXISTING SWMFS.
3. INSTALL STORM SEWER COLLECTION SYSTEM.
4. INSTALL INLET PROTECTION AT ALL CONSTRUCTED INLETS.
5. INSTALL SANITARY SEWER SYSTEM.
6. INSTALL WATER LINES, IRRIGATION AND CONSTRUCT ROADWAY.
7. COMPLETE REMAINDER OF SITE WORK INCLUDING FINAL GRADING AND PAVING.
8. LANDSCAPE SOD AND SEED AS REQUIRED. ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED THROUGH THE ESTABLISHMENT OF APPROPRIATE VEGETATIVE GROUND COVER UPON COMPLETION OF DEVELOPMENT ACTIVITIES ON THE SITE.
9. CONSTRUCTION OF ALL PROPOSED INFRASTRUCTURE, INCLUDING THE FIRST LIFT OF ASPHALT, IS REQUIRED PRIOR TO COMMENCING ANY VERTICAL CONSTRUCTION.

EXISTING SWMF
PROJECT BOUNDARY
CONSTRUCTION EXIT (ASPHALT OR GRAVEL)
BUILDING A
BUILDING B
EXISTING ASPHALT PAVEMENT
INLET PROTECTION (TYP.)
EXISTING AIRFIELD SECURITY FENCE
AOA SERVICE ROAD
CARGO & RENTAL CAR SERVICE ROAD
MATCHLINE, SEE SHEET C302

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND
- PROJECT BOUNDARY
- SILT FENCE
- INLET PROTECTION
- CONSTRUCTION ENTRANCE
- SODDING (FDOT 570-1-1)
- SEEDING (FDOT 570-1-2)
- PROPOSED CONCRETE PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED GRAVEL

BEST MANAGEMENT PRACTICES (BMP) NOTES:
1. CONTRACTOR SHALL COORDINATE WITH CITY GROWTH MANAGEMENT AND THE CITY'S ENVIRONMENTAL INSPECTOR.
2. ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED, DURING ANY PHASE OF DEVELOPMENT, AT THE DISCRETION OF THE CITY OF TALLAHASSEE'S ENVIRONMENTAL INSPECTOR.
3. THE CONTRACTOR SHALL ENSURE THAT A FOREMAN OR SUPERVISOR WHO HAS BEEN CERTIFIED UNDER THE FLORIDA STORMWATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR TRAINING PROGRAM IS AVAILABLE IN PERSON OR BY PHONE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. INSPECTOR TO BE DESIGNATED AND AVAILABLE AT THE PRE-CONSTRUCTION MEETING.
4. SILT FENCE SHOWN ON THESE PLANS SHALL BE INSTALLED GENERALLY IN THE LOCATIONS INDICATED, ADJUSTED FOR FIELD CONSTRAINTS. ALL PROPOSED SILT FENCE LOCATED WITHIN THE CRITICAL PROTECTION ZONE OF A TREE SHALL BE OF A NON-TRENCHED VARIETY, UNLESS ARBORICULTURAL MITIGATION STATES OTHERWISE.
5. CONTRACTOR SHALL INSPECT AND REPAIR ALL BMP's AT LEAST ONCE A WEEK, AND AFTER EVERY SIGNIFICANT RAIN EVENT (> 2" OF RAINFALL.) A LOG OF SUCH INSPECTIONS SHALL BE MAINTAINED AT THE SITE.
6. ANY BMP IN NEED OF REPAIR OR REINSTALLATION SHALL BE CORRECTED BY THE CONTRACTOR WITHIN 24 HOURS OF IDENTIFICATION OF THE NEED FOR SUCH CORRECTION.
7. ADDITIONAL BMP MEASURES MAY BE NECESSARY TO ENSURE THAT TURBID WATER IS NOT DISCHARGED FROM THE CONSTRUCTION SITE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN, THE N.P.D.E.S. PERMIT AND THE CONDITIONS OF THE APPLICABLE NWFWMD ENVIRONMENTAL RESOURCE PERMIT.
9. ALL DISTURBED AREAS TO BE LEFT IDLE LONGER THAN 14 DAYS MUST BE STABILIZED WITH QUICK GROW GRASS SEED AND MULCH.
10. NO TRENCHING OR EXCAVATION SHALL BE ALLOWED WITHIN THE CPZ OF PROTECTED TREES, EXCEPT WHERE DEBITS HAVE BEEN NOTED ON THE TREE REMOVAL PLANS OR WHERE TREES ARE TO BE IMPACTED/MITIGATED PER THE TREE MITIGATION PLANS.
11. STREET SWEEPING WILL BE REQUIRED AS NECESSARY.
12. IMPROVEMENTS SHOWN FOR REFERENCE ONLY.
13. COORDINATE DISPOSAL OF EXCAVATED MATERIAL WITH OWNER.
14. NO SILT FENCE TRENCHING WILL ALLOWED IN THE CPZ OF ANY TREES THAT ARE TO BE SAVED. IN THOSE AREAS, STAKED 12" DIAMETER FIBER LOGS ARE TO BE USED.

KEY MAP

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 #4	06/30/25	CAC

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FLORIDA LICENSE NUMBER 88587
DATE: ——

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

EROSION CONTROL PLAN

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

SHEET NUMBER
C301

Plotted By:Kinnon, Adam Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:C301 April 18, 2025 08:29:35am K:\TAL_Aviation\1_Engr\144124-TLH\059-Rental Car QTA\Design\CADD\PlanSheets\QTA\C351 EROSION CONTROL PLAN.dwg
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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:

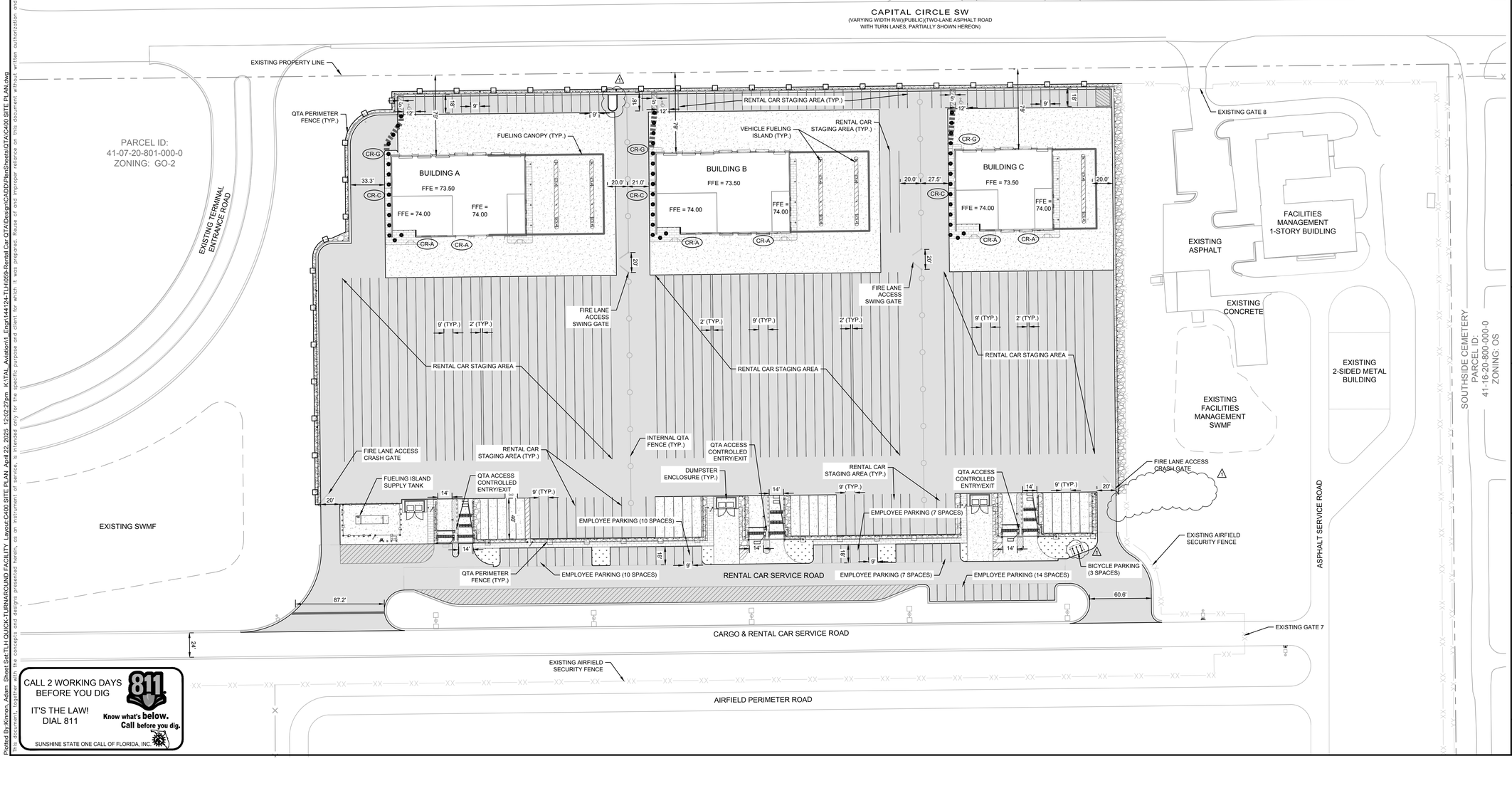
1. ACCESS GATES SHALL BE PROVIDED WITH A KEYPAD ENTRY SYSTEM, ELECTRONIC TRANSMITTER OR CARD READER, AS SHOWN ON THE SECURITY AND GATE SHEETS. ENTRY MECHANISM SHALL BE PROVIDED TO ALL APPLICABLE USERS AS DETERMINED BY OWNER. REFER TO SECURITY AND GATE SHEETS FOR SPECIFIC REQUIREMENTS.
2. CODED NUMBERS 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
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

BY	DATE	REVISIONS	No.
CAC	06/30/25	ADDENDUM #4	1

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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:Kinnon, Adam Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:C400 SITE PLAN April 22, 2025 12:02:27pm K:\TAL_Aviation\1_Engr\144124-TLH\059-Rental Car QTA\Design\CADD\PlanSheets\QTA\C400 SITE PLAN.dwg
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STATION 500+00

EXISTING CURB AND GUTTER, FDOT TYPE "F"

EXISTING CURB AND GUTTER FDOT TYPE "F"

GUARDRAIL W-BEAM STEEL POST SEE NOTE 1 (TYPICAL)

1 C458 10' QTA PERIMETER FENCE (GALVANIZED)

LATCH POST

EXISTING CURB AND GUTTER

R16' (GUARD RAIL FACE)

AIRPORT PROPERTY LIMITS

FUEL TANK ENCLOSURE DETAILS 1 C455

ASPHALT PAVEMENT TIE-IN 2 C453

PEDESTRIAN GATE 1 C464

1 C461 CRASH GATE

R32' (GUARD RAIL FACE)

END FENCE SLAT INSTALL (SEE NOTE 2)

1 C454 DUMPSTER ENCLOSURE

BUILDING SIDEWALK (TYPICAL) 1B C453

1 C464 PEDESTRIAN GATE

EXISTING CURB AND GUTTER, FDOT TYPE "F"

2 C451

EXISTING CURB AND GUTTER, FDOT TYPE "F"

1 C458 10' QTA PERIMETER FENCE (GALVANIZED)

BUILDING 'A'

N=507874.44
E=2020197.38

4 C465 QTA ACCESS CONTROL

STATION 600+00 ALIGNMENT STARTS FROM LEFT

N=508369.16
E=2020192.05

EXISTING AIRFIELD SECURITY FENCE

AIR CARGO AND RENTAL CAR SERVICE ROAD

1 C463 CANTILEVER SLIDE GATE

1 C464

FUEL PIPING SUMP (TYPICAL) (SEE FUELING PLANS FOR DETAILS)

6 C452

U-SHAPED BOLLARD SEE (TYPICAL) 7 C453

VEHICLE FUELING ISLAND

EXISTING CURB AND GUTTER, FDOT TYPE "F"

GUARDRAIL W-BEAM STEEL POST (TYPICAL)

EXISTING CURB AND GUTTER, FDOT TYPE "F"

1 C459 INTERNAL QTA FENCE

N=508349.96
E=2020352.37

CONCRETE ISLAND (SEE NOTE 4)

AOA ACCESS ROAD

1 C460 INTERNAL QTA SWING GATE

N=508350.05
E=2020361.15

4 C452

5 C453 PRECAST CONCRETE WHEEL STOP (TYPICAL)

1 C458 10' QTA PERIMETER FENCE (GALVANIZED)

1 C464 PEDESTRIAN GATE

1 C454 DUMPSTER ENCLOSURE

BUILDING 'B'

5 C452

3 C451

N=507877.78
E=2020508.47

4 C465 QTA ACCESS CONTROL

STATION 700+00 ALIGNMENT STARTS FROM LEFT

N=508372.49
E=2020503.15

1 C463 CANTILEVER SLIDE GATE

PEDESTRIAN GATE

MATCHLINE, SEE SHEET C402

FUEL PIPING SUMP (TYPICAL) (SEE FUELING PLANS

VEHICLE FUELING ISLAND

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

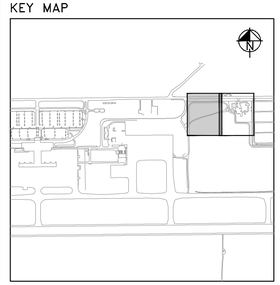
NOTE:

1. REFER TO SHEET C403 FOR POINT TABLES.
2. CONTRACTOR TO INSTALL SLATS ON THE FENCING AREA SHOWN. REFER TO SHEET C458 FOR DETAILS.
3. THE CONTRACTOR SHALL CONSTRUCT A RAISED CONCRETE ISLAND 6" THICK OF 3,000PSI CONCRETE AND INSTALL A ASPHALT TO CONCRETE JOINT ALL AROUND, REFER TO DETAIL 4 SHEET C457 FOR JOINT DETAIL.

LEGEND

- ASPHALT PAVEMENT, 1" FINAL LIFT
- CONCRETE PAVEMENT (LIGHT DUTY)
- 4" CONCRETE SIDEWALK, DETAIL 1, C453
- 6" RAISED CONCRETE TRAFFIC SEPARATOR, DETAIL 3, C451
- 4" GRADED AGGREGATE SURFACE COURSE OVER FILTER FABRIC
- EXISTING SOD
- NEW SODDED AREA
- 10' QTA PERIMETER FENCE
- AIRPORT PROPERTY LIMITS
- EXISTING SECURITY FENCE

KEY MAP



No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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DATE: _____

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

STAKING AND PAVING PLAN

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

SHEET NUMBER
C401

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MATCHLINE, SEE SHEET C401

EXISTING CURB AND GUTTER, FDOT TYPE "F"

PEDESTRIAN GATE

1 C463 CANTILEVER SLIDE GATE

5 C453 PRECAST CONCRETE WHEEL STOP (TYPICAL)

GUARDRAIL W-BEAM STEEL POST SEE NOTE 1 (TYPICAL)

GUARDRAIL

1 C464 PEDESTRIAN GATE

1 C454 DUMPSTER ENCLOSURE

1 C465 QTA ACCESS CONTROL

1 C463 CANTILEVER SLIDE GATE

GUARDRAIL

1 C461 CRASH GATE

LATCH POST

AOA ACCESS ROAD

AIR CARGO AND RENTAL CAR SERVICE ROAD

N=507880.46
E=2020757.37

2 C453 ASPHALT PAVEMENT TIE-IN

1 C451

EXISTING AIRFIELD SECURITY FENCE

EXISTING AIRFIELD SECURITY GATE

SERVICE ROAD

FUEL PIPING SUMP (TYPICAL) (SEE FUELING PLANS FOR DETAILS)

U-SHAPED BOLLARD SEE (TYPICAL) 7 C453

CONCRETE PAD (TYP.)

6 C452

1 C460 INTERNAL QTA SWING GATE

1 C459 INTERNAL QTA FENCE

BUILDING SIDEWALK (TYPICAL) 1B C453

STATION 800+00 ALIGNMENT STARTS FROM LEFT

VEHICLE FUELING ISLAND

U-TYPE, BOLLARD (TYP.)

VEHICLE FUELING ISLAND

EXISTING CURB AND GUTTER, FDOT TYPE "F"

EXISTING CURB AND GUTTER, FDOT TYPE "F"

1 C458 10' QTA PERIMETER FENCE (GALVANIZED)

BUILDING 'C'

N=508375.16
E=2020752.04

VEHICLE FUELING ISLAND

FUELING CONCRETE PAD (TYP.)

EXISTING CURB AND GUTTER, FDOT TYPE "F"

AIRPORT PROPERTY LIMITS

1 C458 EXISTING AIRFIELD SECURITY FENCE

TIE TO EXISTING AIRFIELD SECURITY FENCE

END FENCE SLAT INSTALL (SEE NOTE 2)

GUARDRAIL W-BEAM STEEL POST SEE NOTE 1 (TYPICAL)

EXISTING POLE BARN

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

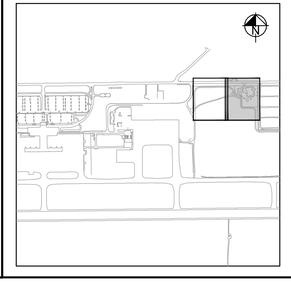
NOTE:

1. REFER TO SHEET C403 FOR POINT TABLES.
2. CONTRACTOR TO INSTALL SLATS ON THE FENCING AREA SHOWN. REFER TO SHEET C458 FOR DETAILS.

LEGEND

- ASPHALT PAVEMENT, 1" FINAL LIFT
- CONCRETE PAVEMENT (LIGHT DUTY)
- 4" CONCRETE SIDEWALK, DETAIL 1, C453
- 6" RAISED CONCRETE TRAFFIC SEPARATOR, DETAIL 3, C451
- 4" GRADED AGGREGATE SURFACE COURSE OVER FILTER FABRIC
- EXISTING SOD
- NEW SODDED AREA
- 10' QTA PERIMETER FENCE
- AIRPORT PROPERTY LIMITS
- EXISTING SECURITY FENCE

KEY MAP



No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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CERTIFICATE OF AUTHORIZATION NUMBER 28861

LICENSED PROFESSIONAL ENGINEER
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	

STAKING AND PAVING PLAN

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

SHEET NUMBER
C402

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

STAKING POINTS FOR 500+00 ALIGNMENT			
Point	Station	Offset	Description
~~1~~	~~500+69.25~~	~~59.242'~~	PT DRIVEWAY PAVEMENT TIE
~~2~~	~~501+40.29~~	~~34.972'~~	PT DRIVEWAY
3	501+34.93	-74.153'	FENCE POINT OF BEGINNING
4	501+58.93	-34.660'	EDGE OF CONCRETE AT FUEL TANK
5	501+58.88	-74.513'	EDGE OF CONCRETE AT FUEL TANK
~~6~~	~~502+21.13~~	~~59.265'~~	PT DRIVEWAY PAVEMENT TIE
7	502+21.15	10.500'	GRASS ISLAND GUTTER PT
8	502+31.15	10.500'	GRASS ISLAND GUTTER CORNER
9	502+19.55	-34.739'	DUMPSTER ENCLOSURE ENTRANCE
10	502+45.01	-34.571'	DUMPSTER ENCLOSURE ENTRANCE
11	502+19.68	-74.509'	EDGE OF CONCRETE AT FUEL TANK
12	502+19.68	-78.502'	DUMPSTER ENCLOSURE WALL CORNER
13	502+45.01	-78.509'	DUMPSTER ENCLOSURE WALL CORNER
14	502+51.01	-34.564'	DUMPSTER ENCLOSURE SIDEWALK
15	502+51.01	-78.509'	DUMPSTER ENCLOSURE SIDEWALK CORNER
16	502+72.04	-75.509'	TRAFFIC SEP RADIUS CENTER
17	502+59.68	21.921'	GRASS ISLAND GUTTER PT
18	502+78.01	25.401'	GRASS ISLAND GUTTER PT
19	502+89.04	-75.496'	GRAVEL PT
20	502+97.04	-75.553'	GRAVEL PT
21	502+89.04	-34.527'	PARKING SIDEWALK CORNER
22	503+45.71	-78.501'	PARKING CONCRETE CORNER
23	502+89.14	-29.508'	PARKING SIDEWALK CORNER
25	503+08.97	-11.509'	PARKING GRASS AREA PT
26	503+10.89	-11.502'	PARKING GRASS AREA PT
27	503+15.89	-16.502'	PARKING GRASS AREA PT
28	503+15.89	-29.501'	PARKING CORNER
29	502+97.04	-38.502'	CONCRETE PARKING PAD CORNER
30	503+40.72	-38.501'	PED GATE SIDEWALK CORNER
31	503+45.71	-38.507'	PED GATE SIDEWALK CORNER
32	504+05.89	-29.489'	PARKING LOT ISLAND CORNER
33	504+06.89	-11.437'	PARKING LOT ISLAND CORNER
34	504+22.89	-11.437'	PARKING LOT ISLAND CORNER
35	504+23.89	-29.489'	PARKING LOT ISLAND CORNER
36	505+13.70	-78.479'	CONCRETE PARKING PAD CORNER
37	505+19.65	-34.632'	SIDEWALK CORNER
38	505+19.69	-78.304'	SIDEWALK NW CORNER
39	505+25.65	-78.482'	DUMPSTER ENCLOSURE WALL CORNER
40	505+13.89	-29.478'	PARKING LOT CORNER
41	505+18.13	-11.440'	PARKING LOT PT
42	505+25.67	-11.478'	DUMPSTER ENCLOSURE ENTRANCE CONCRETE
43	505+50.80	-11.479'	DUMPSTER ENCLOSURE ENTRANCE CONCRETE
44	505+50.99	-67.145'	CHAIN LINK FENCE TIE TO DUMPSTER ENCLOSURE WALL
45	505+25.65	-65.812'	DUMPSTER ENCLOSURE WALL END
46	505+50.99	-78.479'	DUMPSTER ENCLOSURE WALL CORNER
47	505+25.67	-29.575'	SIDEWALK TIE TO DUMPSTER ENCLOSURE CONCRETE PAD
48	505+51.24	-29.195'	GRAVEL CORNER TIE TO DUMPSTER ENCLOSURE CONCRETE PAD
49	505+60.58	-29.474'	CORNER OF GRAVEL

STAKING POINTS FOR 500+00 ALIGNMENT			
Point	Station	Offset	Description
50	505+77.68	-75.479'	TRAFFIC SEP RADIUS CENTER
51	505+57.68	-78.479'	GRAVEL PT
52	505+60.68	-75.479'	GRAVEL PT
53	505+94.68	-75.479'	ENTRANCE GRAVEL PT
54	506+01.71	-75.479'	ENTRANCE GRAVEL PT
55	505+94.68	-31.479'	CONCRETE ENTRANCE DRIVE PT
56	506+14.68	-11.479'	CONCRETE ENTRANCE DRIVE PT
~~57~~	~~506+16.85~~	~~-11.481'~~	~~ASPHALT PARKING LOT PT~~
~~58~~	~~506+23.56~~	~~-16.362'~~	~~ASPHALT PARKING LOT PT~~
~~59~~	~~506+23.50~~	~~20.508'~~	ASPHALT PARKING LOT CORNER
60	506+23.50	-34.508'	PARKING LOT SIDEWALK CORNER
61	506+46.71	-78.479'	CONRETE PARKING CORNER
62	506+46.71	-38.481'	CONCRETE PARKING CORNER
63	506+86.50	-29.479'	PARKING LOT GRASS ISLAND CORNER
64	506+87.50	-11.365'	PARKING LOT GRASS ISLAND CORNER
65	507+03.50	-11.365'	PARKING LOT GRASS ISLAND CORNER
66	507+04.50	-29.479'	PARKING LOT GRASS ISLAND CORNER
~~67~~	~~507+67.59~~	~~20.468'~~	ASPHALT PARKING LOT CORNER
~~68~~	~~507+67.59~~	~~16.468'~~	~~ASPHALT PARKING LOT PT~~
~~69~~	~~507+72.19~~	~~11.551'~~	~~ASPHALT PARKING LOT PT~~
70	507+63.15	-38.468'	GRAVEL CORNER
71	507+63.15	-78.468'	GRAVEL CORNER
72	507+68.60	-78.565'	DUMSTER ENCLOSURE SIDEWALK CORNER
73	507+74.56	-78.468'	DUMSTER ENCLOSURE SIDEWALK CORNER
74	507+99.91	-78.468'	DUMPSTER ENCLOSURE WALL CORNER
75	507+99.91	-29.466'	GRAVEL TIE TO DUMPSTER ENCLOSURE CONRETE ENTRANCE
76	508+09.61	-29.466'	GRAVEL CORNER
77	508+06.61	-78.469'	GRAVEL PT
78	508+09.61	-75.469'	GRAVEL PT
79	508+26.61	-75.469'	TRAFFIC SEP RADIUS CENTER
80	508+43.61	-75.469'	GRAVEL PT
81	508+49.61	-75.468'	GRAVEL PT
82	508+43.62	-33.315'	CONCRETE ENTRANCE DRIVE PT
83	508+63.63	-13.318'	CONRETE ENTRANCE DRIVE CORNER
84	508+63.60	-11.318'	CONRETE ENTRANCE DRIVE CORNER
85	507+99.91	-11.468'	DUMPSTER ENCLOSURE ENTRANCE CONCRETE
86	508+49.61	-38.468'	CONCRETE PARKING PAD CORNER
87	508+94.62	-78.478'	CONCRETE PARKING PAD CORNER
88	508+94.59	-38.468'	CONCRETE PARKING PAD CORNER
~~89~~	~~508+72.39~~	~~-13.224'~~	~~ASPHALT DRIVE CORNER~~
~~90~~	~~508+66.99~~	~~22.054'~~	~~ASPHALT DRIVE PT~~
~~91~~	~~508+62.01~~	~~-31.420'~~	~~ASPHALT DRIVE PT~~
~~92~~	~~508+62.01~~	~~-36.784'~~	LIGHT DUTY TRANS
93	509+02.61	-78.468'	GRAVEL CORNER
~~94~~	~~508+76.54~~	~~25.794'~~	~~ASPHALT DRIVE PT~~
~~95~~	~~508+87.11~~	~~22.136'~~	~~ASPHALT DRIVE PT~~
~~96~~	~~507+25.04~~	~~10.730'~~	~~ASPHALT DRIVE CORNER~~
~~97~~	~~507+32.14~~	~~10.748'~~	~~ASPHALT PARKING LOT PT~~
~~98~~	~~507+37.14~~	~~15.756'~~	~~ASPHALT PARKING LOT PT~~
~~99~~	~~507+37.12~~	~~27.259'~~	ASPHALT PARKING LOT CORNER
~~100~~	~~508+66.14~~	~~27.429'~~	ASPHALT PARKING LOT CORNER
~~101~~	~~508+66.14~~	~~15.089'~~	~~ASPHALT PARKING LOT PT~~
~~102~~	~~508+65.14~~	~~10.089'~~	~~ASPHALT PARKING LOT PT~~
~~103~~	~~508+74.66~~	~~-11.914'~~	~~ASPHALT PARKING LOT PT~~
~~104~~	~~508+76.16~~	~~50.269'~~	~~ASPHALT DRIVE TIE PT~~
~~105~~	~~509+31.38~~	~~38.894'~~	~~ASPHALT DRIVE PT~~
~~106~~	~~509+35.86~~	~~-15.875'~~	~~ASPHALT DRIVE PT~~
~~107~~	~~509+54.84~~	~~10.913'~~	~~ASPHALT DRIVE PT~~
~~108~~	~~509+54.84~~	~~40.892'~~	~~ASPHALT DRIVE PT~~
~~109~~	~~509+54.77~~	~~50.265'~~	~~ASPHALT DRIVE TIE PT~~
~~110~~	~~508+64.16~~	~~42.274'~~	~~AOA FENCE CORNER~~
~~111~~	~~508+64.16~~	~~10.739'~~	~~AOA FENCE CORNER~~
~~112~~	~~508+56.87~~	~~2.988'~~	~~AOA FENCE CORNER~~
~~113~~	~~508+40.86~~	~~-10.116'~~	~~AOA FENCE CORNER~~
~~114~~	~~508+31.51~~	~~-31.886'~~	~~AOA FENCE CORNER~~
~~115~~	~~508+31.51~~	~~-70.594'~~	~~AOA FENCE CORNER~~
226	507+68.56	-34.508'	DUMPSTER ENCLOSURE SIDEWALK CORNER
227	506+01.71	-38.485'	CONCRETE PARKING LOT CORNER
228	505+13.70	-38.473'	CONCRETE PARKING LOT CORNER
229	504+68.70	-38.474'	CONCRETE PARKING LOT CORNER
230	504+68.70	-78.479'	CONCRETE PARKING LOT CORNER
292	507+74.58	-11.465'	DUMPSTER ENCLOSURE ENTRANCE CONCRETE
301	504+02.89	-38.494'	INTERNAL BARRIER FENCE END
303	507+32.72	-38.588'	INTERNAL BARRIER FENCE END
~~306~~	~~505+10.88~~	~~-10.306'~~	~~ASPHALT PARKING LOT PT~~

STAKING POINTS FOR 600+00 ALIGNMENT			
Point	Station	Offset	Description
116	603+16.67	-131.548'	QTA FENCE PT
117	603+35.67	-112.575'	QTA FENCE CORNER
118	603+41.69	-98.802'	QTA FENCE CORNER
119	604+26.47	-98.644'	QTA FENCE PT
~~120~~	~~603+16.67~~	~~126.235'~~	~~INTERIOR ASPHALT PT~~
~~121~~	~~603+36.34~~	~~112.571'~~	~~INTERIOR ASPHALT PT~~
~~122~~	~~603+36.33~~	~~93.461'~~	~~INTERIOR ASPHALT CORNER~~
123	602+96.17	-60.253'	BUILDING A CONCRETE CORNER
124	602+96.17	166.523'	BUILDING A CONCRETE CORNER
125	604+56.16	166.523'	BUILDING A CONCRETE CORNER
126	603+30.67	-60.156	BUILDING A SIDEWALK PT
127	603+28.67	-58.156	BUILDING A SIDEWALK PT
128	603+28.67	-16.742	BUILDNG A SIDEWALK PT
129	603+30.67	-14.739	BUILDING A SIDEWALK PT
130	603+36.18	-14.732'	BUILDING A SIDEWALK
131	603+36.18	59.778'	BUILDING A SIDEWALK
132	603+30.79	59.772	BUILDING A SIDEWALK PT
133	603+28.66	61.987	BUILDING A SIDEWALK PT
134	603+28.66	82.561	BUILDING A SIDEWALK PT
135	603+30.78	84.679	BUILDING A SIDEWALK PT
136	604+08.37	84.686'	BUILDING A SIDEWALK CORNER
137	603+36.18	78.186'	BUILDING A SE CORNER
139	604+16.18	-53.483'	BUILDING A NW CORNER
140	602+98.52	181.117'	INTERNAL SWING GATE POST
141	603+44.12	143.269'	BUILDING A FUEL ISLAND RADIUS CENTER
142	604+08.17	143.268'	BUILDING A FUEL ISLAND RADIUS CENTER
~~296~~	~~604+20.47~~	~~-93.470'~~	~~INTERIOR ASPHALT PT~~
~~297~~	~~604+36.20~~	~~-93.813'~~	~~INTERIOR ASPHALT PT~~
~~298~~	~~604+36.16~~	~~-40.926'~~	ASPHALT PARKING LOT CORNER
~~299~~	~~604+75.65~~	~~-40.929'~~	ASPHALT PARKING LOT CORNER
300	604+73.83	136.431'	INTERNAL BARRIER FENCE END

STAKING POINTS FOR 700+00 ALIGNMENT			
Point	Station	Offset	Description
143	702+96.15	-111.668'	BUILDING B CONCRETE EDGE
144	704+56.14	-111.543'	BUILDING B CONCRETE EDGE
145	702+96.15	115.107'	BULDING B CONCRETE EDGE
146	704+56.14	115.107'	BUILDING B CONCRETE EDGE
147	703+30.66	-111.57	BUILDING B SIDEWALK PT
148	703+84.29	-111.565'	BUILDING B SIDEWALK HANDICAP RAMP
149	703+89.29	-111.565'	BUILDING B SIDEWALK HANDICAP RAMP
150	704+19.16	-111.565'	BUILDING B SIDEWALK PT
151	704+21.16	-109.565'	BUILDING B SIDEWALK PT
152	704+21.16	-100.231'	BUILDING B SIDEWALK PT
153	704+19.16	-98.231'	BUILDING B SIDEWALK PT
154	704+16.16	-98.231'	BUILDING B SIDEWALK
155	704+08.34	33.270'	BUILDING B SIDEWALK CORNER HANDICAP RAMP
156	703+30.77	33.266	BUILDING B SIDEWALK PT
157	703+28.65	31.148	BUILDING B SIDEWALK PT
158	703+28.65	10.574	BUILDING B SIDEWALK PT
159	703+30.78	8.359	BUILDING B SIDEWALK PT
160	703+36.16	26.770'	BUILDING B SIDEWALK
161	703+36.16	-66.148'	BUILDING B SIDEWALK
162	703+30.66	-66.152	BUILDING B SIDEWALK PT
163	703+28.65	-68.155	BUILDING B SIDEWALK PT
164	703+28.66	-109.57	BUILDING B SIDEWALK PT
166	704+16.16	-104.899'	BUILDING B NW CORNER
170	703+44.10	56.853'	BUILDING B FUEL ISLAND RADIUS CENTER
171	704+08.15	56.853'	BUILDING B FUEL ISLAND RADIUS CENTER
172	703+44.10	91.853'	BUILDING B FUEL ISLAND RADIUS CENTER
173	704+08.15	91.853'	BUILDING B FUEL ISLAND RADIUS CENTER
174	702+98.76	155.112'	INTERNAL SWING GATE POST
302	704+73.81	155.113'	INTERNAL BARRIER FENCE END

STAKING POINTS FOR 800+00 ALIGNMENT			
Point	Station	Offset	Description
175	802+96.15	-66.510'	BUILDING C CONCRETE EDGE CORNER
176	804+56.13	-66.510'	BUILDING C CONCRETE EDGE CORNER
177	803+01.15	94.761'	BUILDING C BEGIN CURB TRANSITION
178	804+56.13	94.761'	BUILDING C CONCRETE EDGE CORNER
179	803+30.64	-66.412	BUILDING C SIDEWALK PT
180	803+84.28	-66.408'	BUILDING C SIDEWALK HANDICAP RAMP
181	803+89.28	-66.408'	BUILDING C SIDEWALK HANDICAP RAMP
182	804+19.14	-66.408'	BUILDING C SIDEWALK PT
183	804+21.14	-64.408'	BUILDING C SIDEWALK PT
184	804+21.14	-55.073'	BUILDING C SIDEWALK PT
185	804+19.14	-53.073'	BUILDING C SIDEWALK PT
186	804+16.14	-53.073'	BUILDING C SIDEWALK
187	804+08.33	42.428'	BUILDING C SIDEWALK HANDICAP RAMP CORNER
188	803+30.76	42.421	BUILDING C SIDEWALK PT
189	803+28.64	40.304	BUILDING C SIDEWALK PT
190	803+28.64	19.73	BUILDING C SIDEWALK PT
191	803+30.76	17.514	BUILDING C SIDEWALK PT
192	803+36.14	17.521'	BUILDING C SIDEWALK
193	803+36.14	-20.990'	BUILDING C SIDEWALK
194	803+30.64	-20.994	BUILDING C SIDEWALK PT
195	803+28.64	-22.997	BUILDING C SIDEWALK PT
196	803+28.64	-64.412	BUILDING C SIDEWALK PT
197	804+16.14	-59.741'	BUILDING C NW CORNER
198	803+36.14	35.928'	BUILDING C SE CORNER
201	803+44.09	66.011'	BUILDING B FUEL ISLAND RADIUS CENTER
202	804+08.14	66.011'	BUILDING B FUEL ISLAND RADIUS CENTER
~~203~~	~~804+73.88~~	~~94.764'~~	~~INTERIOR ASPHALT CORNER~~
204	802+96.15	94.761'	BUILDING C END CURB TRANSITION
304	804+78.24	159.856'	(AOA FENCE TIE)AOA FENCE TIE
~~305~~	~~804+78.13~~	~~165.011'~~	(AOA FENCE TO QTA FENCE JUNCTION)AOA FENCE TO QTA FENCE JUNCTION

STAKING POINTS FOR LIGHT POLES			
Point	Station	Offset	Description
205	601+30.29	-133.140'	LIGHT POLE
206	602+73.96	-132.811'	LIGHT POLE
207	604+55.93	-87.361'	LIGHT POLE
208	604+82.95	40.562'	LIGHT POLE
209	704+83.63	-134.213'	LIGHT POLE
210	704+82.81	-1.381'	LIGHT POLE
211	704+81.50	120.594'	LIGHT POLE
212	704+81.30	300.964'	LIGHT POLE
213	702+74.19	258.905'	LIGHT POLE
214	701+30.79	259.093'	LIGHT POLE
215	800+24.67	42.494'	LIGHT POLE
216	701+28.84	85.631'	LIGHT POLE
217	702+73.84	85.731'	LIGHT POLE
218	700+23.19	32.893'	LIGHT POLE
219	703+77.54	109.622'	LIGHT POLE
220	702+73.60	-96.098'	LIGHT POLE
221	701+29.86	-96.267'	LIGHT POLE
222	703+77.57	-149.872	LIGHT POLE
223	602+74.63	33.229'	LIGHT POLE
224	600+22.63	38.400'	LIGHT POLE
225	601+30.89	33.487'	LIGHT POLE
232	704+83.07	203.207'	LIGHT POLE

STAKING POINTS FOR FUEL PIPE SUMP			
293	503+27.18	-83.272'	FUEL PIPE SUMP
294	603+36.26	123.203'	FUEL PIPE SUMP
295	703+36.89	73.428'	FUEL PIPE SUMP

NOTE:

1. STRIKE THROUGH REPRESENTS CONSTRUCTED ITEMS FROM A PREVIOUS PHASE.

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

Kimley»Horn

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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

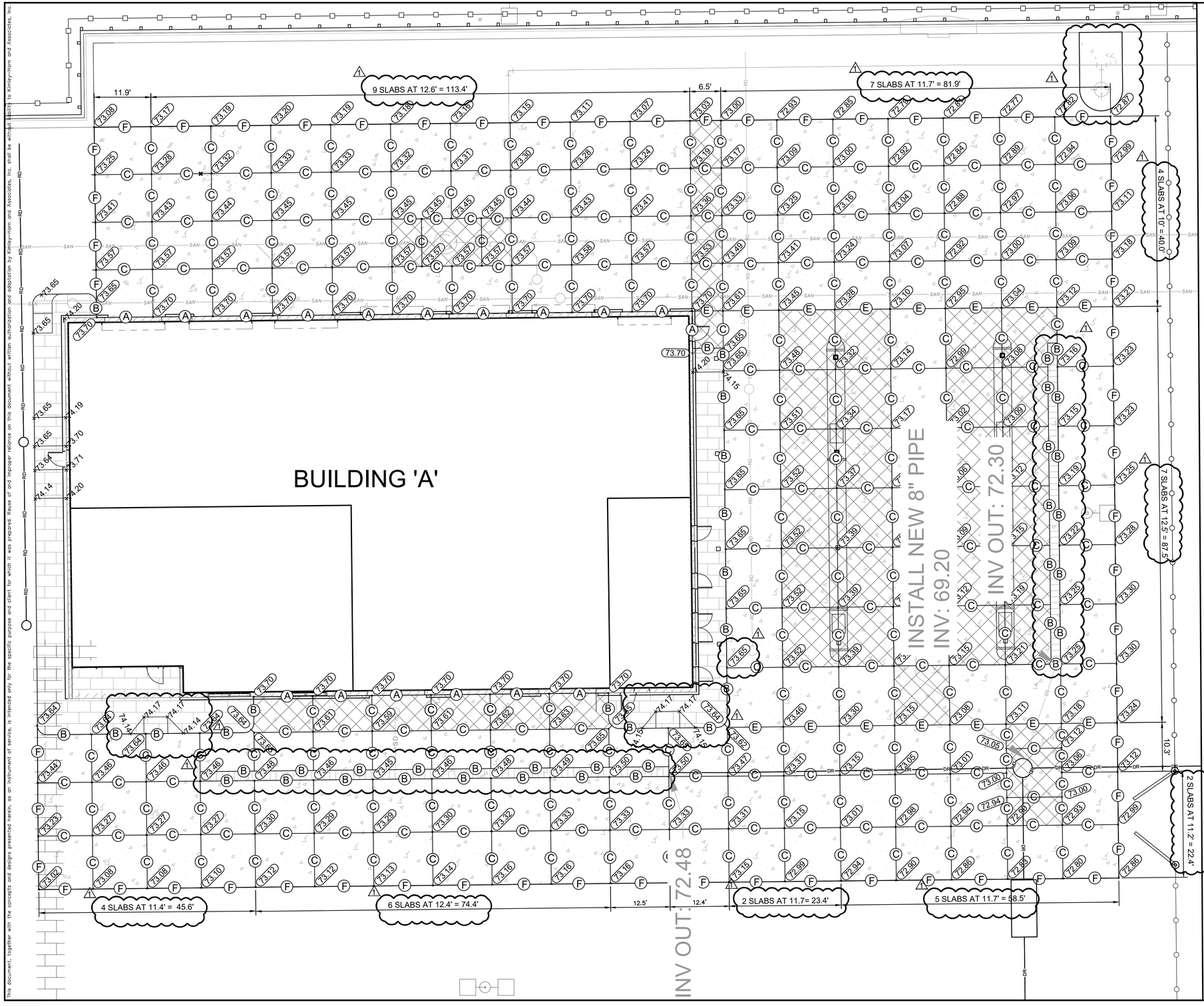
CHECKED BY NEP

STAKING POINT TABLES

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

SHEET NUMBER

C403



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NORTH

GRAPHIC SCALE IN FEET
0 5 10 20

NOTE:

1. DOWELED CONSTRUCTION JOINTS ARE NOT SHOWN BUT ARE LIKELY REQUIRED. CONTRACTOR SHALL SUBMIT A PAVING PLAN AT LEAST 21-DAYS PRIOR TO PAVING. THE PAVING PLAN SHALL SHOW PROPOSED PAVING SEQUENCE AND JOINT TYPES AND SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF PAVING. LOCATION OF TYPE E JOINTS CANNOT CHANGE. SEE FDOT SPECIFICATION 350 (ERRATA SHEET) FOR MORE INFORMATION
2. PROPOSED SIDEWALK JOINTS ARE NOT SHOWN. TRANSVERSE JOINTS SHALL BE SAWED AT A 1" DEPTH AT A MAXIMUM 6' LONGITUDINAL SPACING..

LEGEND

- (A) THICKENED EDGE EXPANSION JOINT
- (B) NON-DOWELED EXPANSION JOINT
- (C) DOWELED CONTRACTION JOINT
- (E) DOWELED EXPANSION JOINT
- (F) CONCRETE TO ASPHALT JOINT
- REINFORCED SLAB
- LIGHT-DUTY CONCRETE
- SIDEWALK
- ✦ 72.63 JOINT ELEVATION
- ✦ 72.63 TOP OF SIDEWALK ELEVATION
- (S) SEWER MANHOLE
- (D) DRAINAGE STRUCTURE MANHOLE
- DRAINAGE STRUCTURE INLET
- TRENCH DRAIN
- LIGHT POLE

KEY MAP

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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2211 HASSELL ROAD, SUITE 210 (850) 671-2202
TALLAHASSEE, FLORIDA 32309
CERTIFICATE OF AUTHORIZATION NUMBER 28861

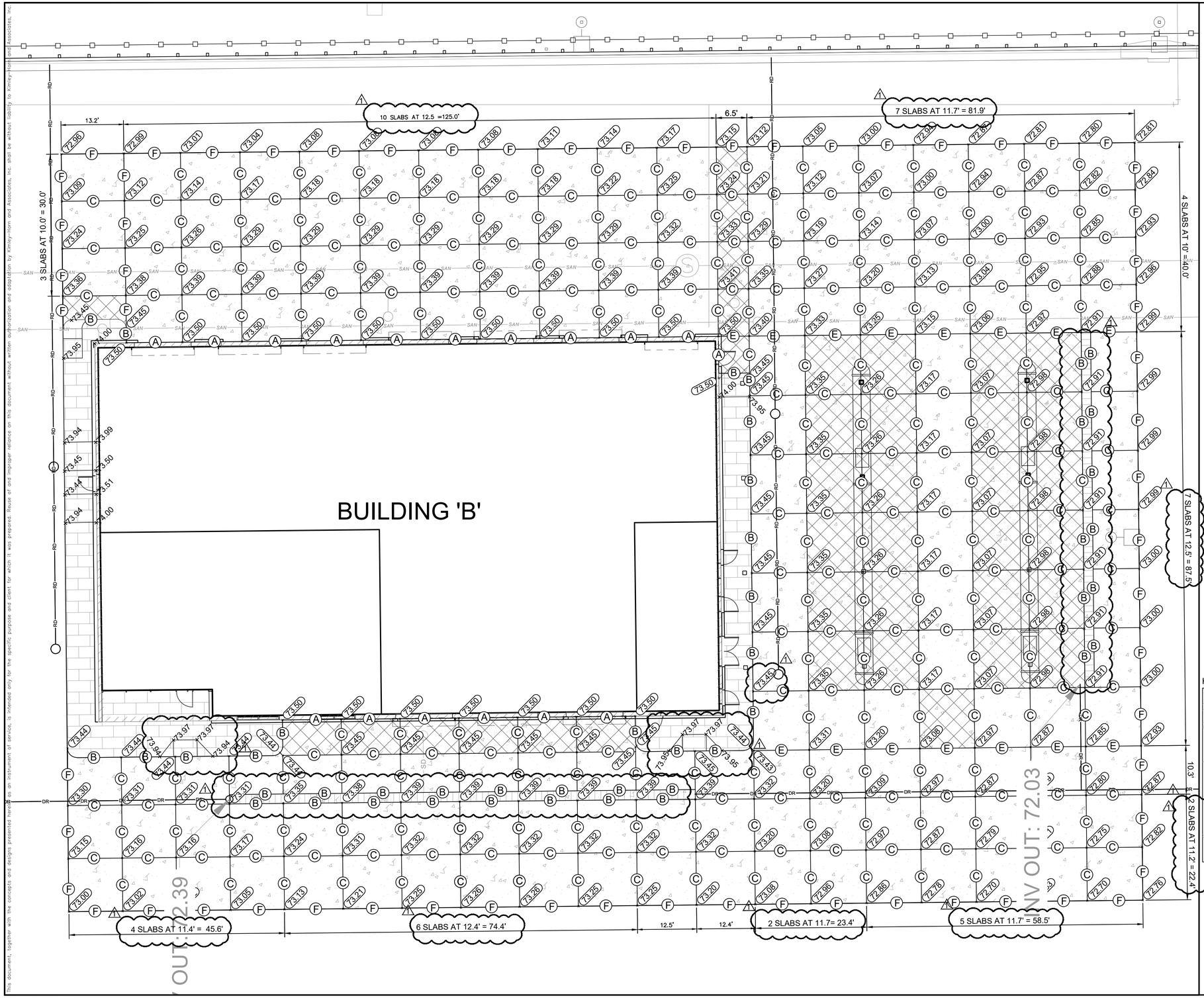
LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER
68317
DATE:

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

CONCRETE JOINT LAYOUT PLAN

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

SHEET NUMBER
C404



NORTH

GRAPHIC SCALE IN FEET
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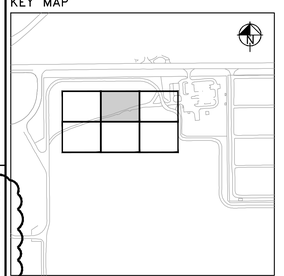
NOTE:

1. DOWELED CONSTRUCTION JOINTS ARE NOT SHOWN BUT ARE LIKELY REQUIRED. CONTRACTOR SHALL SUBMIT A PAVING PLAN AT LEAST 21–DAYS PRIOR TO PAVING. THE PAVING PLAN SHALL SHOW PROPOSED PAVING SEQUENCE AND JOINT TYPES AND SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF PAVING. LOCATION OF TYPE E JOINTS CANNOT CHANGE. SEE FDOT SPECIFICATION 350 (ERRATA SHEET) FOR MORE INFORMATION
2. PROPOSED SIDEWALK JOINTS ARE NOT SHOWN. TRANSVERSE JOINTS SHALL BE SAWED AT A 1" DEPTH AT A MAXIMUM 6' LONGITUDINAL SPACING..

LEGEND

- (A) THICKENED EDGE EXPANSION JOINT
- (B) NON–DOWELED EXPANSION JOINT
- (C) DOWELED CONTRACTION JOINT
- (E) DOWELED EXPANSION JOINT
- (F) CONCRETE TO ASPHALT JOINT
- REINFORCED SLAB
- LIGHT–DUTY CONCRETE
- SIDEWALK
- 72.63 JOINT ELEVATION
- + 72.63 TOP OF SIDEWALK ELEVATION
- (S) SEWER MANHOLE
- (D) DRAINAGE STRUCTURE MANHOLE
- DRAINAGE STRUCTURE INLET
- TRENCH DRAIN
- LIGHT POLE

KEY MAP



No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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MICHAEL BAKER INTERNATIONAL, INC.
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TALLAHASSEE, FLORIDA 32304 (850) 201-2502
CERTIFICATE OF AUTHORIZATION NUMBER 28861

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

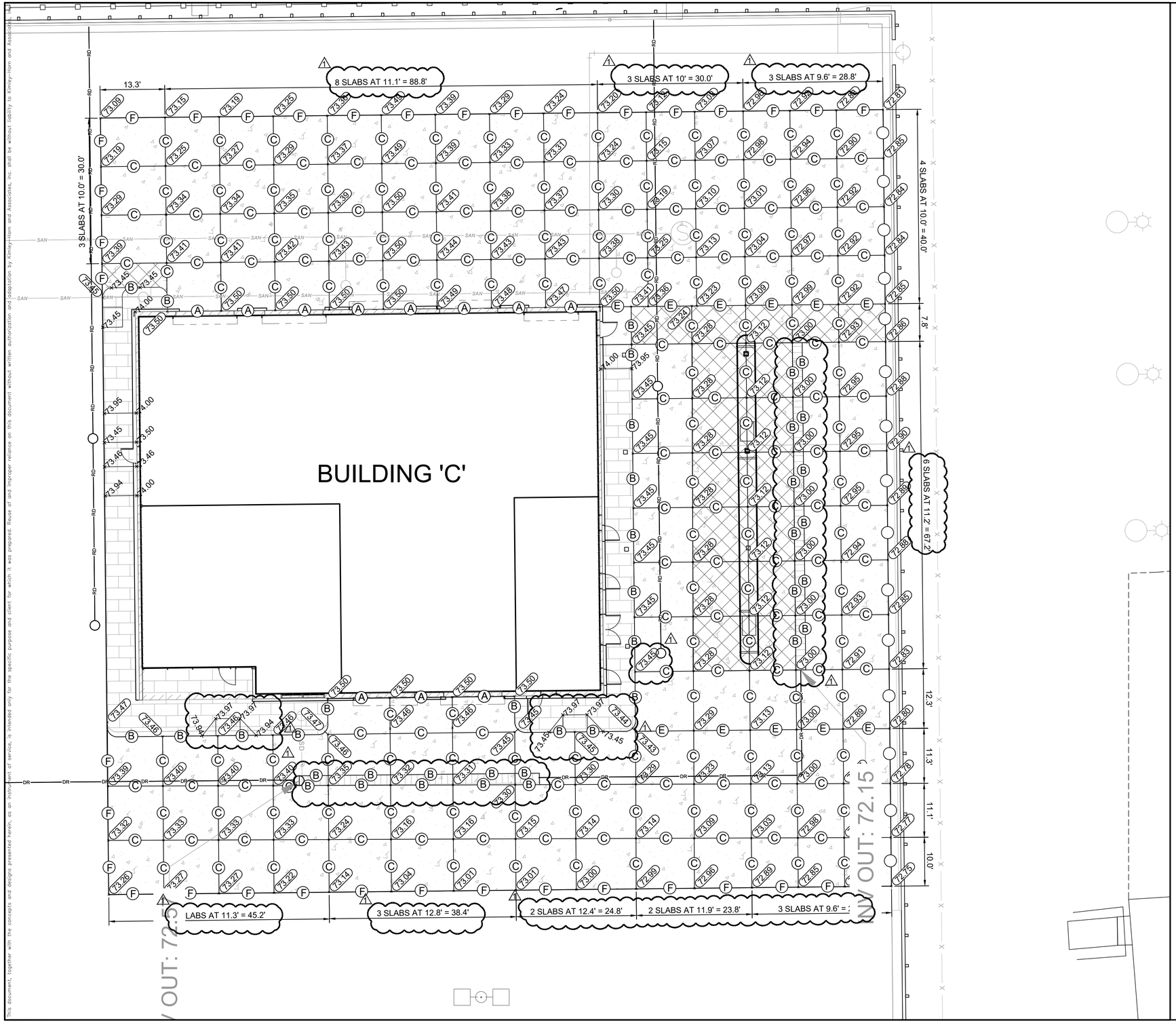
KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
144124117	JAN 2025	AS SHOWN	SMS	MC	NEP

CONCRETE JOINT LAYOUT PLAN

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

SHEET NUMBER
C405

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NORTH

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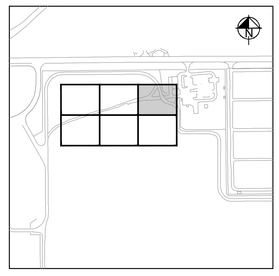
NOTE:

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2. PROPOSED SIDEWALK JOINTS ARE NOT SHOWN. TRANSVERSE JOINTS SHALL BE SAWED AT A 1" DEPTH AT A MAXIMUM 6' LONGITUDINAL SPACING..

LEGEND

- (A) THICKENED EDGE EXPANSION JOINT
- (B) NON-DOWELED EXPANSION JOINT
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- (F) CONCRETE TO ASPHALT JOINT
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- ✦ 72.63 TOP OF SIDEWALK ELEVATION
- (S) SEWER MANHOLE
- (D) DRAINAGE STRUCTURE MANHOLE
- DRAINAGE STRUCTURE INLET
- TRENCH DRAIN
- LIGHT POLE

KEY MAP



No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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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

CONCRETE JOINT LAYOUT PLAN

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

SHEET NUMBER
C406

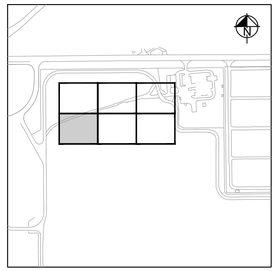


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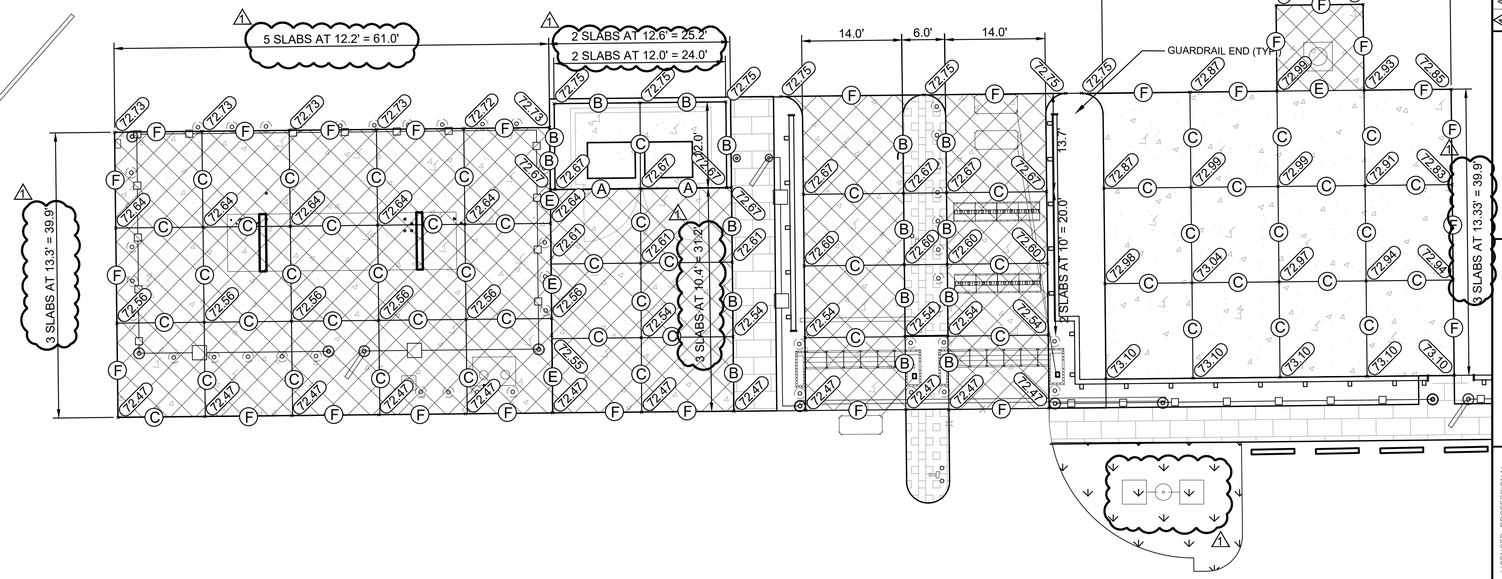
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KEY MAP



LEGEND

- (A) THICKENED EDGE EXPANSION JOINT
- (B) NON-DOWELED EXPANSION JOINT
- (C) DOWELED CONTRACTION JOINT
- (E) DOWELED EXPANSION JOINT
- (F) CONCRETE TO ASPHALT JOINT
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- (D) DRAINAGE STRUCTURE MANHOLE
- DRAINAGE STRUCTURE INLET
- TRENCH DRAIN
- LIGHT POLE



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1	ADDENDUM #4	06/30/25	LJC

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2211 ANNAPOLIS CIRCLE, SUITE 21-2302
TALLAHASSEE, FLORIDA 850-201-2502
CERTIFICATE OF AUTHORIZATION NUMBER 28861

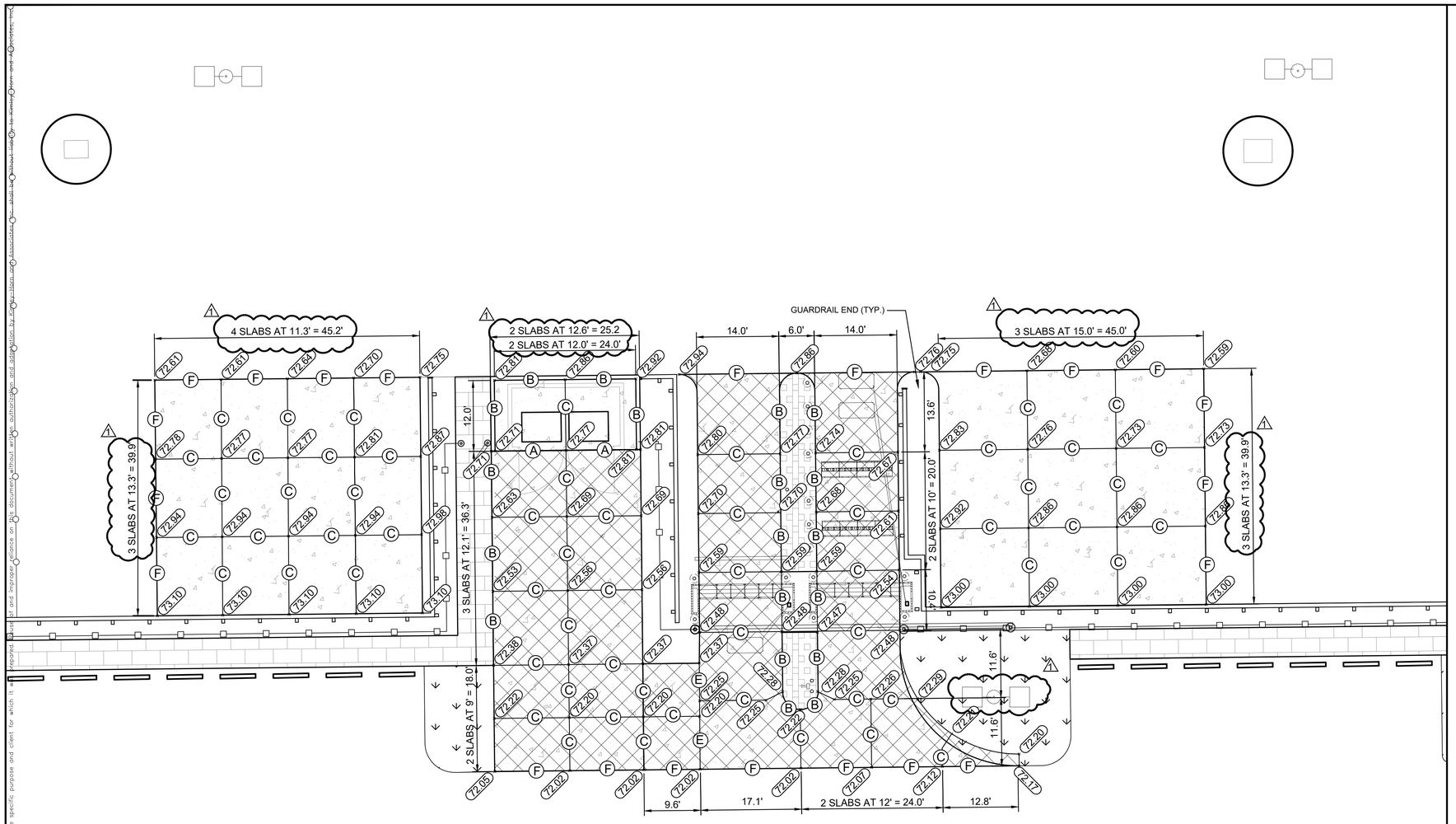
LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER
68317
DATE: _____

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

CONCRETE JOINT LAYOUT PLAN

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

SHEET NUMBER
C407



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NORTH

GRAPHIC SCALE IN FEET
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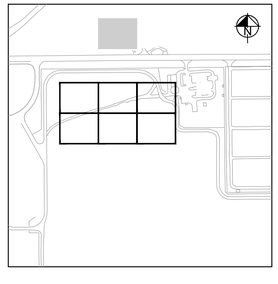
NOTE:

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- (D) DRAINAGE STRUCTURE MANHOLE
- DRAINAGE STRUCTURE INLET
- TRENCH DRAIN
- LIGHT POLE

KEY MAP



No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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2114 KASSER CREST DRIVE, SUITE 201
TALLAHASSEE, FLORIDA 32301 (850) 201-2502
CERTIFICATE OF AUTHORIZATION NUMBER 28861

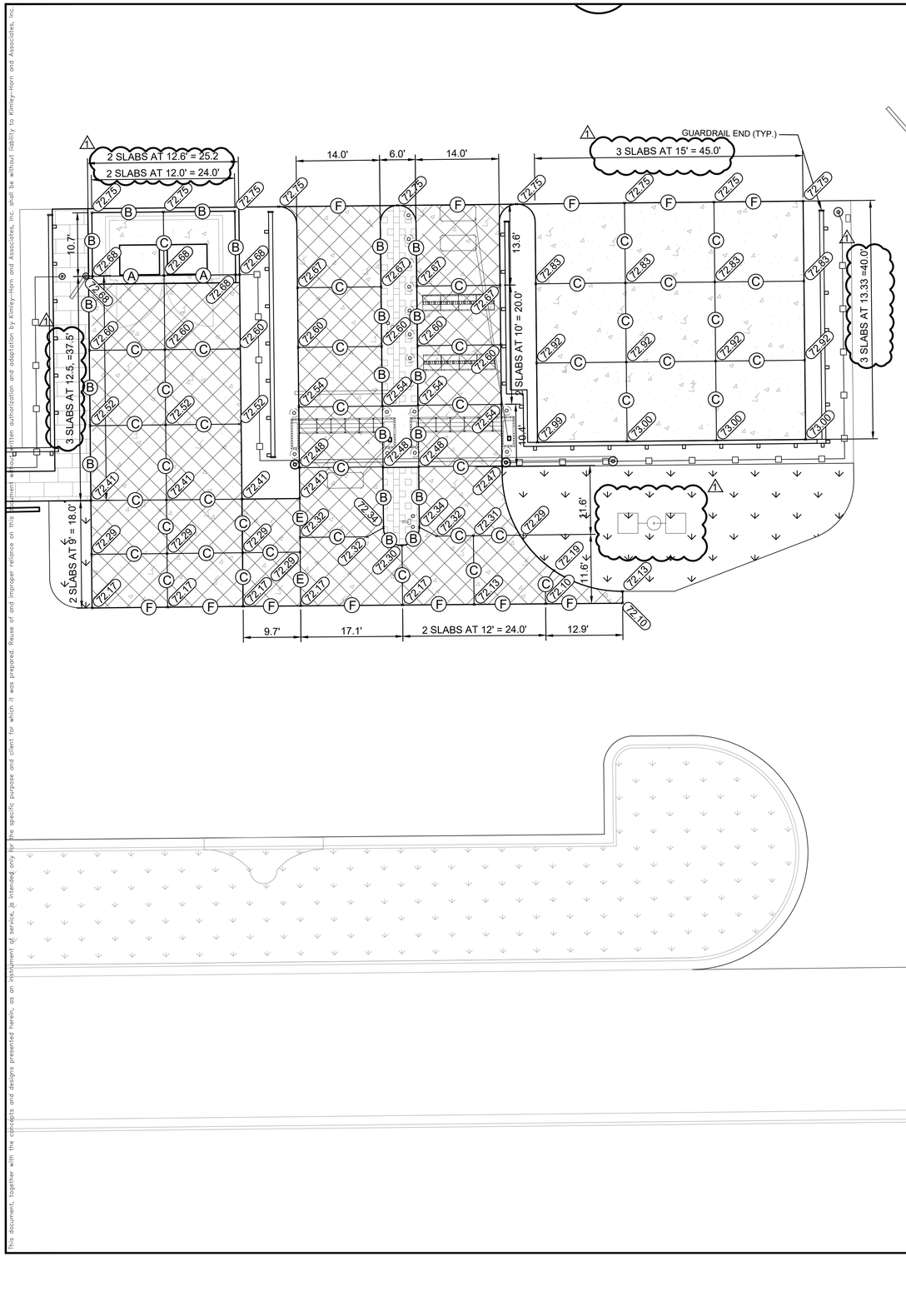
LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER
68317
DATE: _____

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

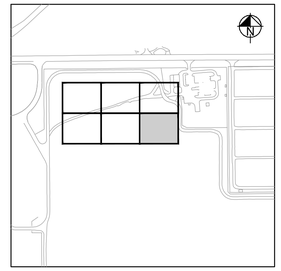
CONCRETE JOINT LAYOUT PLAN

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

SHEET NUMBER
C408



KEY MAP



NORTH

GRAPHIC SCALE IN FEET
0 5 10 20

NOTE:

1. DOWELED CONSTRUCTION JOINTS ARE NOT SHOWN BUT ARE LIKELY REQUIRED. CONTRACTOR SHALL SUBMIT A PAVING PLAN AT LEAST 21-DAYS PRIOR TO PAVING. THE PAVING PLAN SHALL SHOW PROPOSED PAVING SEQUENCE AND JOINT TYPES AND SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF PAVING. LOCATION OF TYPE E JOINTS CANNOT CHANGE. SEE FDOT SPECIFICATION 350 (ERRATA SHEET) FOR MORE INFORMATION
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LEGEND

- (A) THICKENED EDGE EXPANSION JOINT
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- REINFORCED SLAB
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- (S) SEWER MANHOLE
- (D) DRAINAGE STRUCTURE MANHOLE
- DRAINAGE STRUCTURE INLET
- TRENCH DRAIN
- LIGHT POLE

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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2211 KASPER CIRCLE, SUITE 210 (850) 201-2502
TALLAHASSEE, FLORIDA 32303
CERTIFICATE OF AUTHORIZATION NUMBER 28861

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

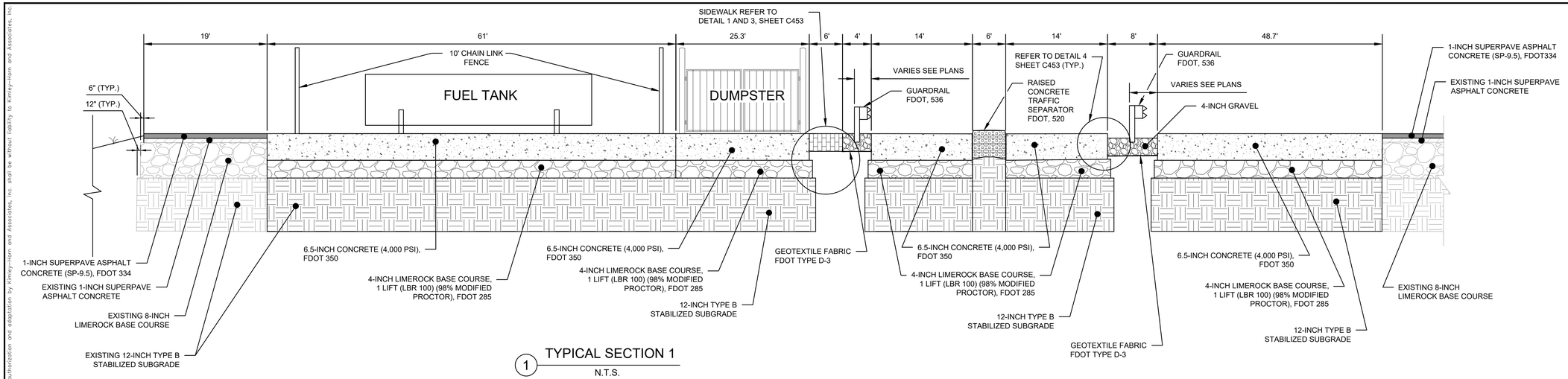
KHA PROJECT	144124117
DATE	JAN. 2025
SCALE	AS SHOWN
DESIGNED BY	SMS
DRAWN BY	MC
CHECKED BY	NEP

CONCRETE JOINT LAYOUT PLAN

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

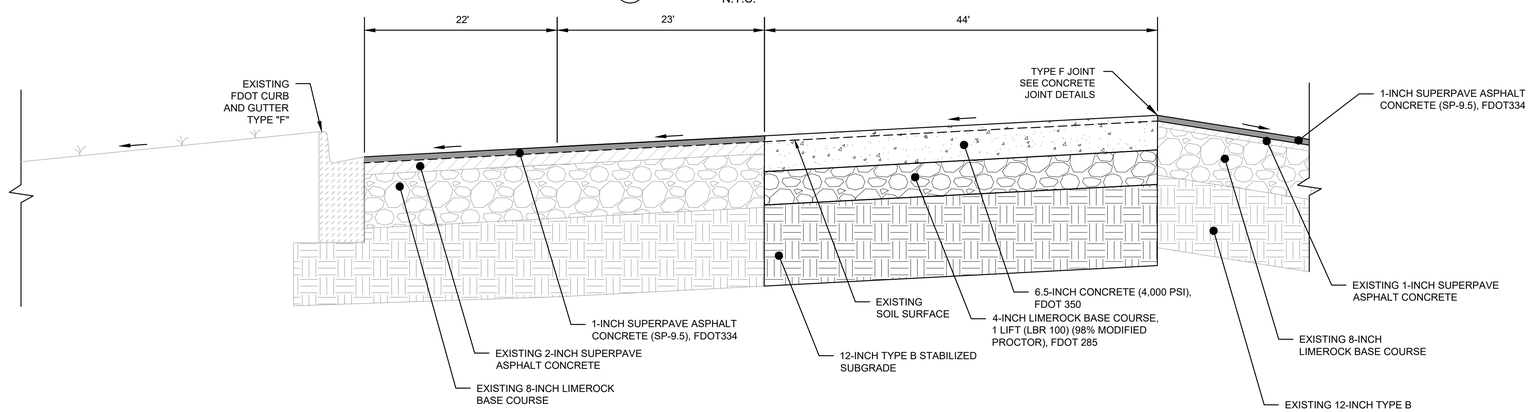
SHEET NUMBER
C409

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1 TYPICAL SECTION 1

N.T.S.

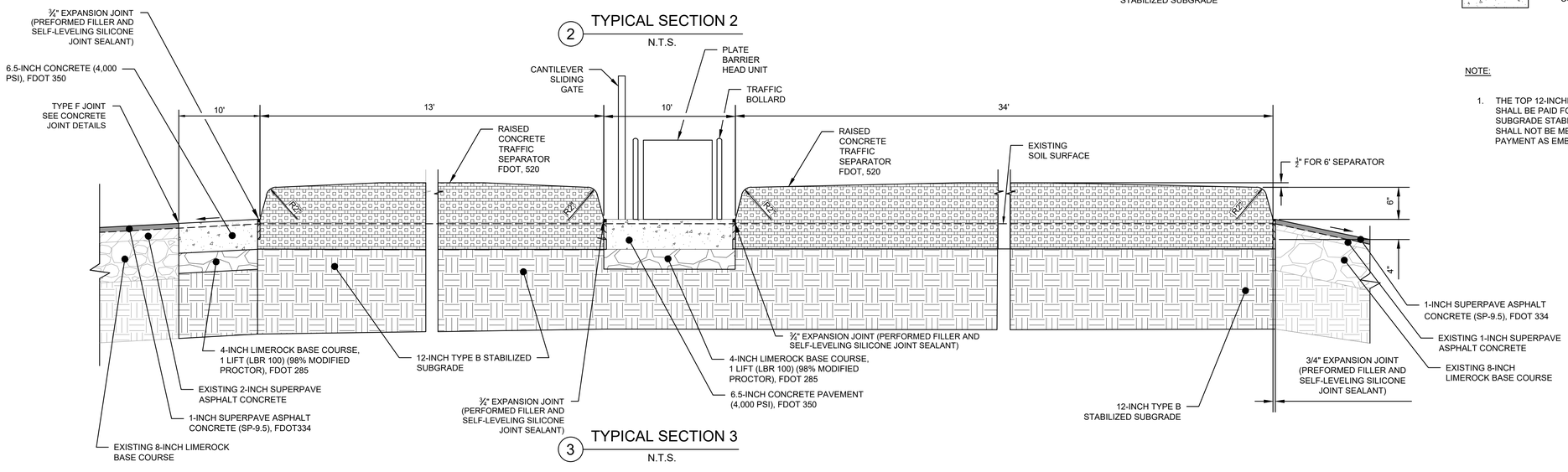


LEGEND

- EXISTING FIRST LIFT OF ASPHALT
- FINAL LIFT OF ASPHALT
- LIMEROCK BASE COURSE
- EXISTING LIMEROCK BASE COURSE
- 12" TYPE B STABILIZED SUBGRADE
- EXISTING 12" TYPE B STABILIZED SUBGRADE
- 6" RAISED CONCRETE TRAFFIC SEPARATOR, DETAIL 5, C457
- CONCRETE PAVEMENT

2 TYPICAL SECTION 2

N.T.S.



3 TYPICAL SECTION 3

N.T.S.

NOTE:

1. THE TOP 12-INCHES OF EMBANKMENT SHALL BE PAID FOR UNDER ITEM 160-1 SUBGRADE STABILIZATION AND SHALL NOT BE MEASURED FOR PAYMENT AS EMBANKMENT.

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1	ADDENDUM #4	06/30/25	MSC

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3660 CENTERVIEW DRIVE, SUITE 200, CHARLOTTE, NORTH CAROLINA 28217-5000
TALLAHASSEE@KIMLEY-HORN.COM CA. 00000696

Michael Baker INTERNATIONAL
MICHAEL BAKER INTERNATIONAL, INC.
2211 KASSEL CIRCLE, SUITE 210
TALLAHASSEE, FLORIDA 32301 (850) 201-2502
CERTIFICATE OF AUTHORIZATION NUMBER 28861

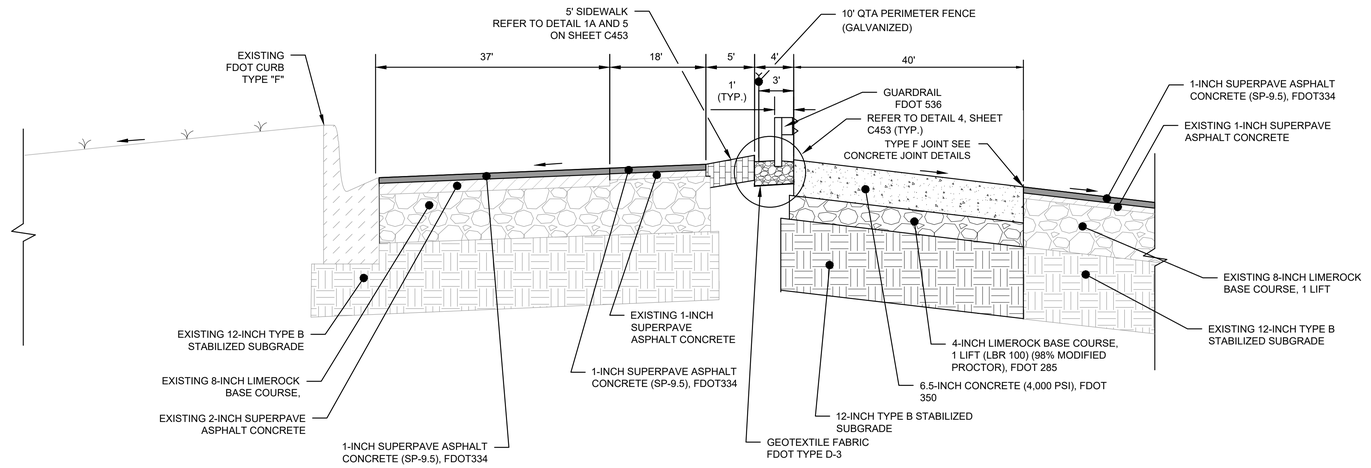
LICENSED PROFESSIONAL
NATHAN E. PARSH
FLORIDA LICENSE NUMBER
68317
DATE:

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

TYPICAL SECTIONS

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

SHEET NUMBER
C451



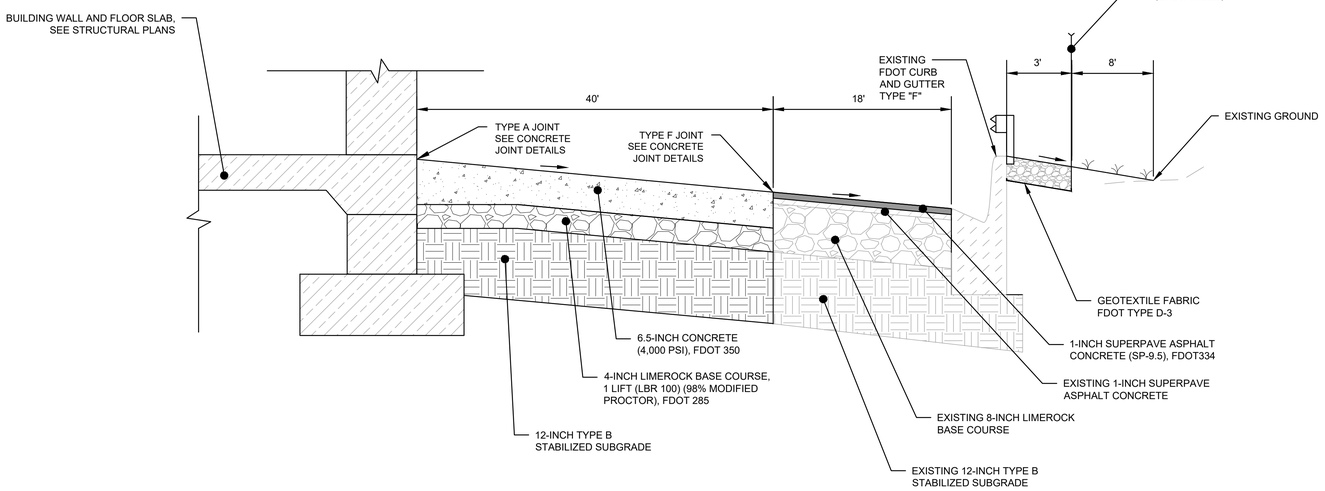
4 TYPICAL SECTION 4
N.T.S.

LEGEND

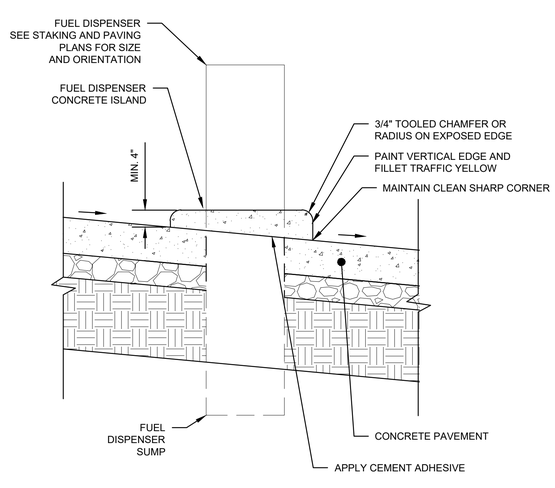
- EXISTING FIRST LIFT OF ASPHALT
- FINAL LIFT OF ASPHALT
- LIMEROCK BASE COURSE
- EXISTING LIMEROCK BASE COURSE
- 12" TYPE B STABILIZED SUBGRADE
- EXISTING 12" TYPE B STABILIZED SUBGRADE
- CONCRETE PAVEMENT

NOTES:

1. GUARDRAILS ARE TO BE W-BEAM, SINGLE-FACE GUARDRAIL WITH STEEL POSTS PER FDOT INDEX 536.
2. THE TOP 12-INCHES OF EMBANKMENT SHALL BE PAID FOR UNDER ITEM 160-1 SUBGRADE STABILIZATION AND SHALL NOT BE MEASURED FOR PAYMENT AS EMBANKMENT.



5 TYPICAL SECTION 5
N.T.S.



6 TYPICAL SECTION 6
N.T.S.

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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CERTIFICATE OF AUTHORIZATION NUMBER 28861

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

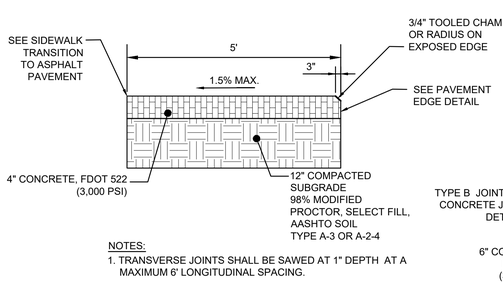
KHA PROJECT 144124417
DATE JAN 2025
SCALE AS SHOWN
DESIGNED BY SMS
DRAWN BY MC
CHECKED BY NEP

TYPICAL SECTIONS

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

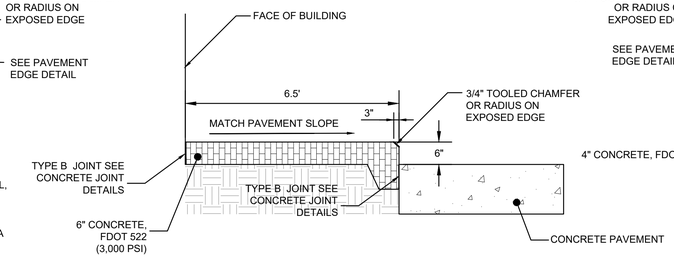
SHEET NUMBER
C452

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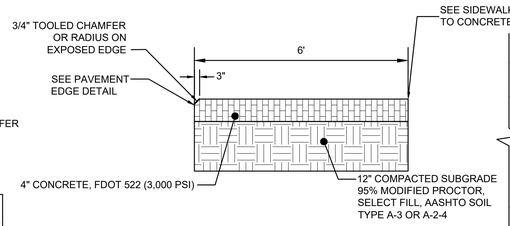


NOTES:
1. TRANSVERSE JOINTS SHALL BE SAWED AT 1" DEPTH AT A MAXIMUM 6' LONGITUDINAL SPACING.

1A PARKING LOT SIDEWALK TYPICAL SECTION
N.T.S.

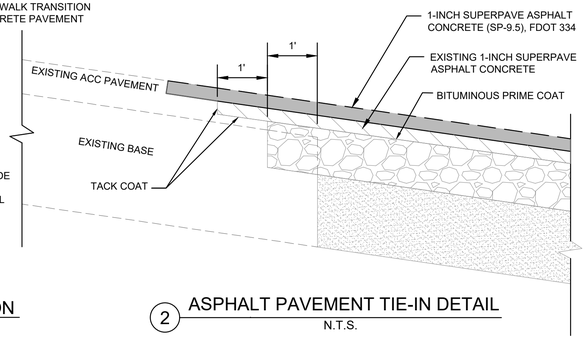


1B BUILDING SIDEWALK TYPICAL SECTION
N.T.S.

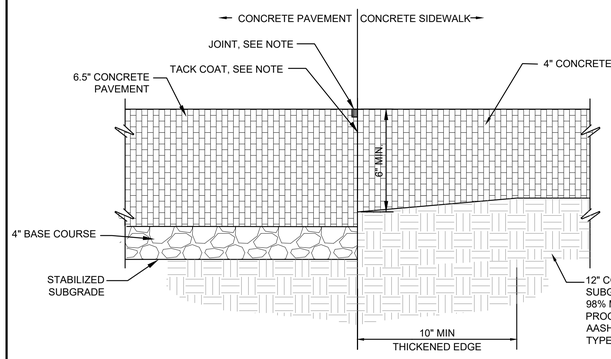


NOTES:
1. TRANSVERSE JOINTS SHALL BE SAWED AT 1" DEPTH AT A MAXIMUM 6' LONGITUDINAL SPACING.

1 DUMPSTER SIDEWALK TYPICAL SECTION
N.T.S.

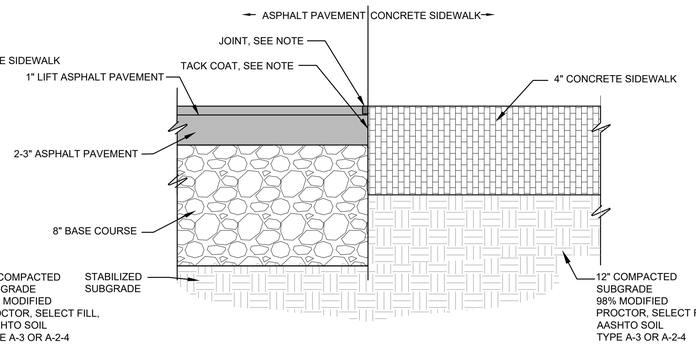


2 ASPHALT PAVEMENT TIE-IN DETAIL
N.T.S.



NOTES:
1. FOR ASPHALT PAVEMENT, NO JOINT CAVITY OR SEALANT SHALL BE PROVIDED. TACK COAT BOND TO EDGE OF SIDEWALK.
2. FOR CONCRETE PAVEMENT, NO TACK COAT SHALL BE PROVIDED. CONSTRUCT A TYPE B EXPANSION JOINT. SEE CONCRETE JOINT SEALANT DETAILS SHEET 457 DETAIL #3.

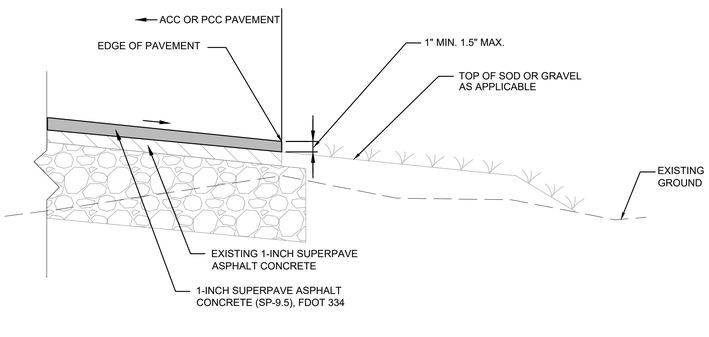
SIDEWALK TRANSITION TO CONCRETE PAVEMENT



NOTES:
1. FOR ASPHALT PAVEMENT, NO JOINT CAVITY OR SEALANT SHALL BE PROVIDED. TACK COAT BOND TO EDGE OF SIDEWALK.
2. FOR CONCRETE PAVEMENT, NO TACK COAT SHALL BE PROVIDED. CONSTRUCT A TYPE B EXPANSION JOINT. SEE CONCRETE JOINT SEALANT DETAILS SHEET 457 DETAIL #3.

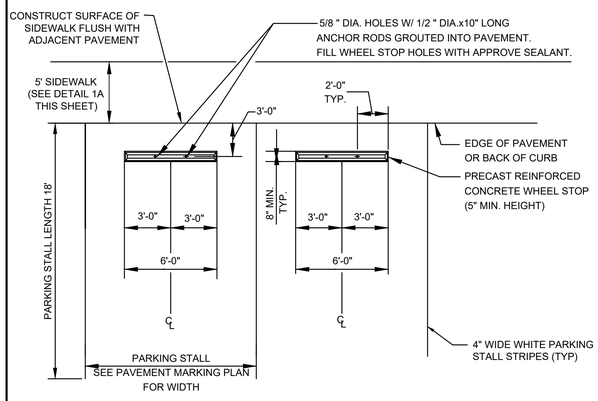
SIDEWALK TRANSITION TO ASPHALT PAVEMENT

3 SIDEWALK TO PAVEMENT TRANSITION DETAILS
N.T.S.

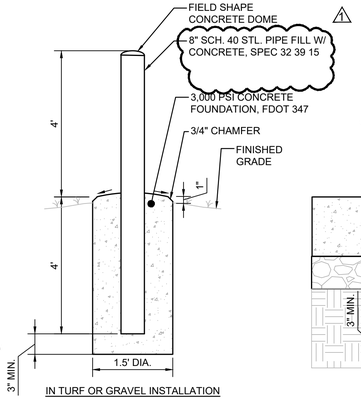


4 PAVEMENT EDGE DETAIL
N.T.S.

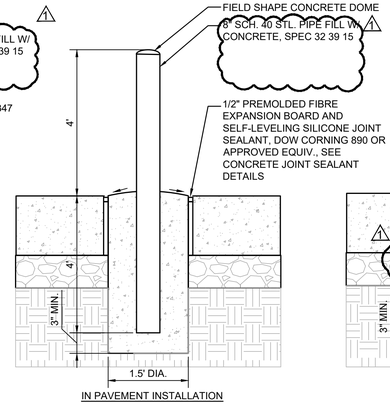
BOLLARD NOTES:
1. ALL BOLLARDS SHALL BE 8" WITH PLASTIC SLEEVES. PLASTIC SLEEVES ARE IDEALSHIELD, YELLOW, ¾" THICK.
2. THE U-SHAPED BOLLARDS SHALL BE 8", SCH. 40 STL. AND PRE-FABRICATED FROM A MANUFACTURER SO THEY AREN'T FIELD PAINTED.



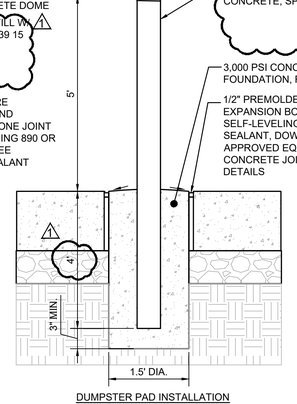
5 PRECAST CONCRETE WHEEL STOP DETAIL
N.T.S.



IN TURF OR GRAVEL INSTALLATION

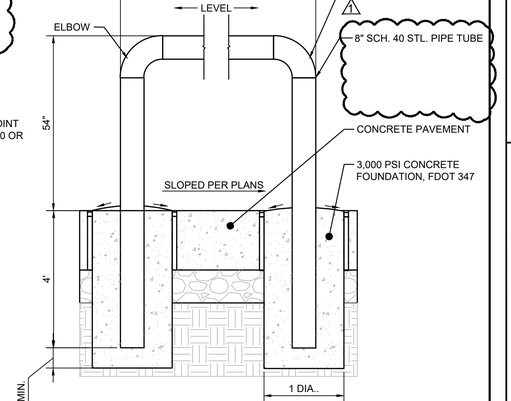


IN PAVEMENT INSTALLATION



DUMPSTER PAD INSTALLATION
N.T.S.

6 BOLLARD DETAILS
N.T.S.



7 U-SHAPED BOLLARD DETAIL
N.T.S.

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1	ADDENDUM #4	06/30/25	LJC

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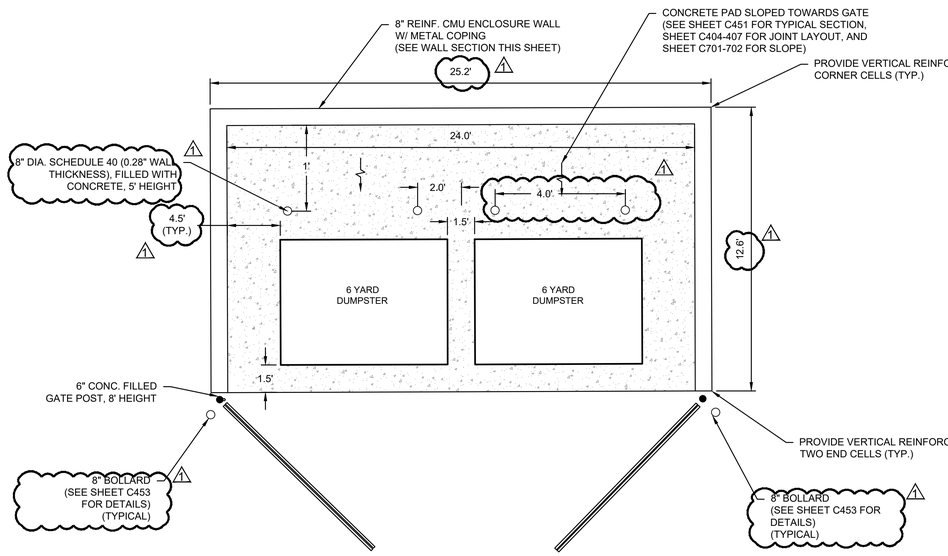
LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER 68317
DATE: ---

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

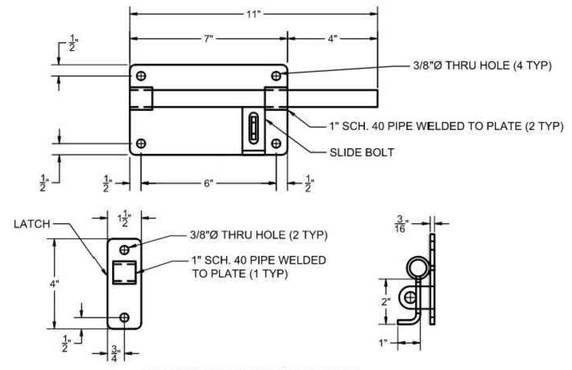
PAVING AND SITE DETAILS

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

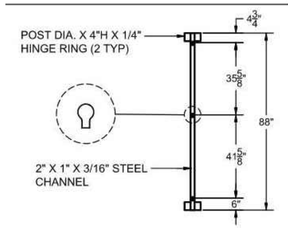
SHEET NUMBER
C453



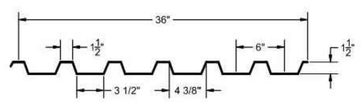
1 DUMPSTER ENCLOSURE - TOP
N.T.S.



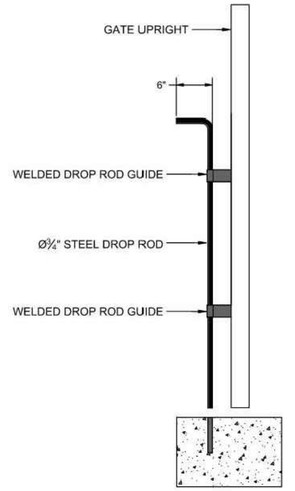
HEAVY DUTY GATE SLIDE BAR



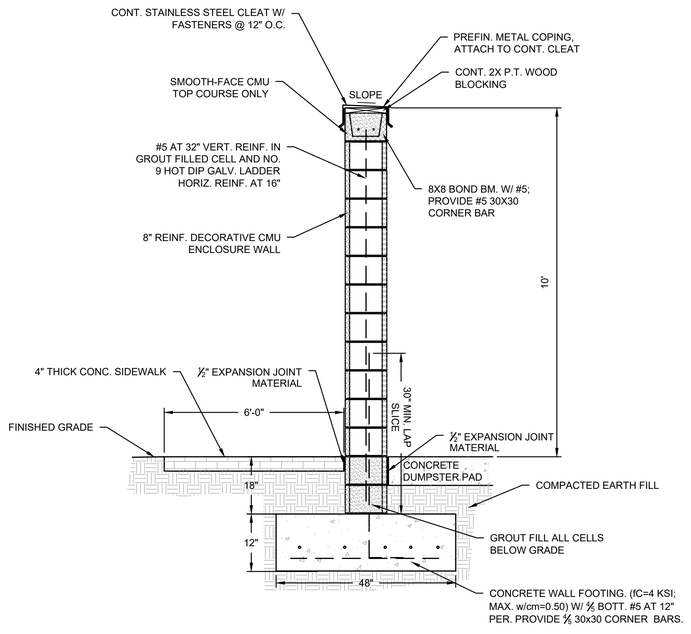
8' QUICK ATTACH HINGE DETAIL



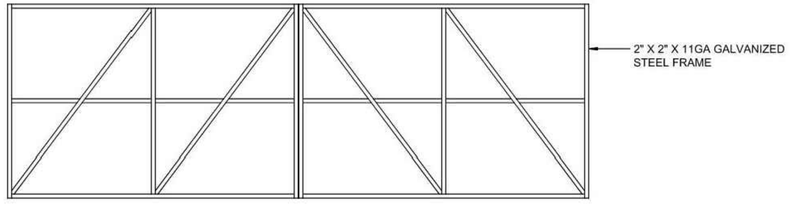
STEEL DECKING DETAIL



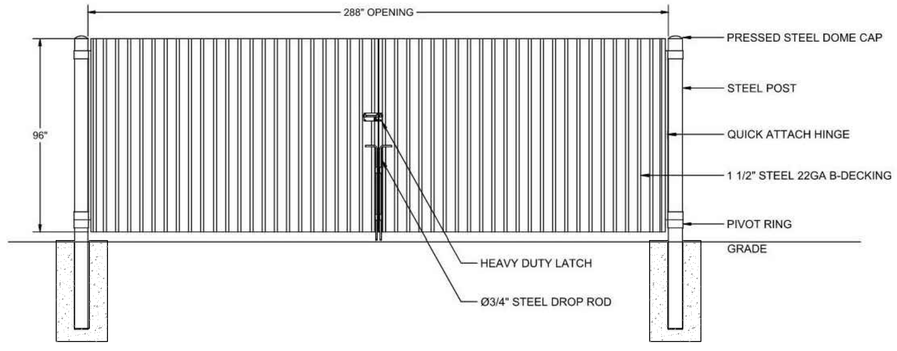
DROP ROD ASSEMBLY DETAIL (EACH LEAF)



3 DUMPSTER ENCLOSURE SECTION
N.T.S.



FRAME DETAIL



DOUBLE DRIVE GATE ELEVATION VIEW

NOTES:

1. DUMPSTER ENCLOSURE GATES SHALL BE CUSTOM-MADE POWDER COATED CORRUGATED STEEL OR METAL DECKING AND COME AS A PACKED SYSTEM TO INCLUDE GATE LEAFS, POSTS, QUICK-CONNECT HINGES, AND HARDWARE. ALL COMPONENTS POWDER COATED, COLOR TO BE COORDINATED BUILDING FACADES. BASIS OF DESIGN: SEEGARS DOUBLE DRIVE DUMPSTER GATE WITH METAL DECKING, SEEGARSFENCE.COM

SEEGARS DOUBLE DRIVE DUMPSTER GATE WITH METAL DECKING

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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DATE: ----- 1

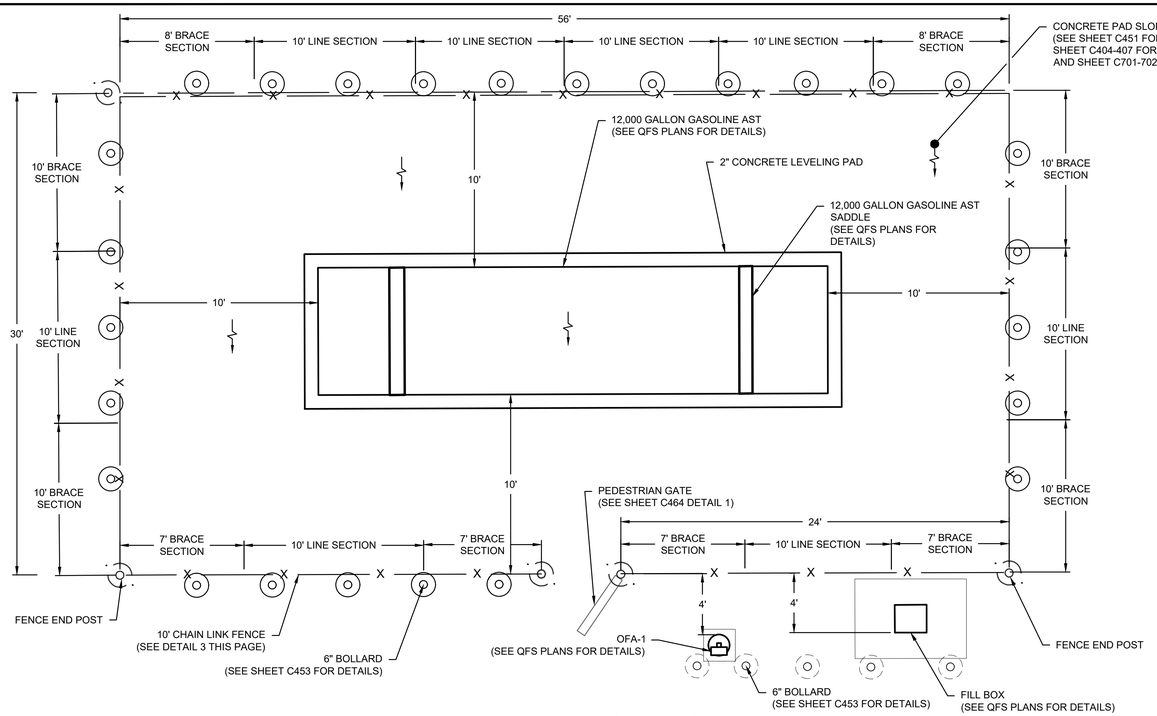
KHA PROJECT 144124117		
DATE JAN 2025		
SCALE AS SHOWN	DESIGNED BY SMS	CHECKED BY NEP
	DRAWN BY MC	

DUMPSTER ENCLOSURE DETAILS

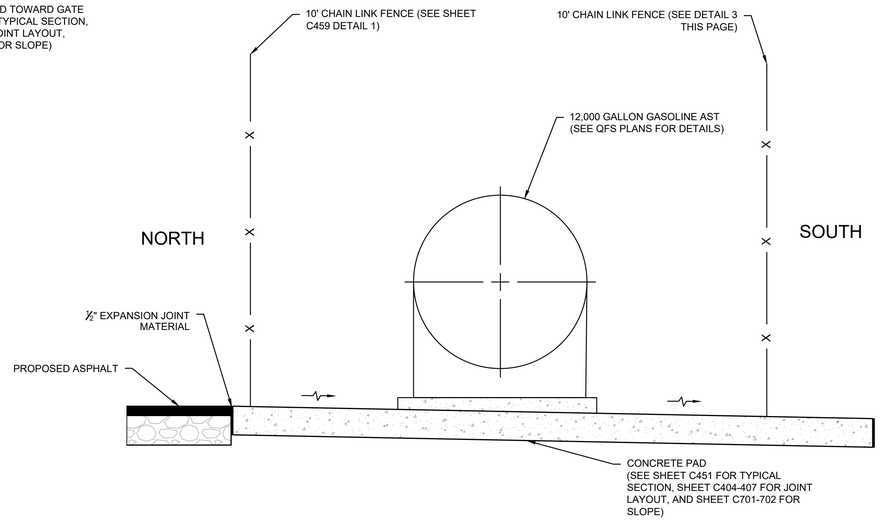
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CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
C454

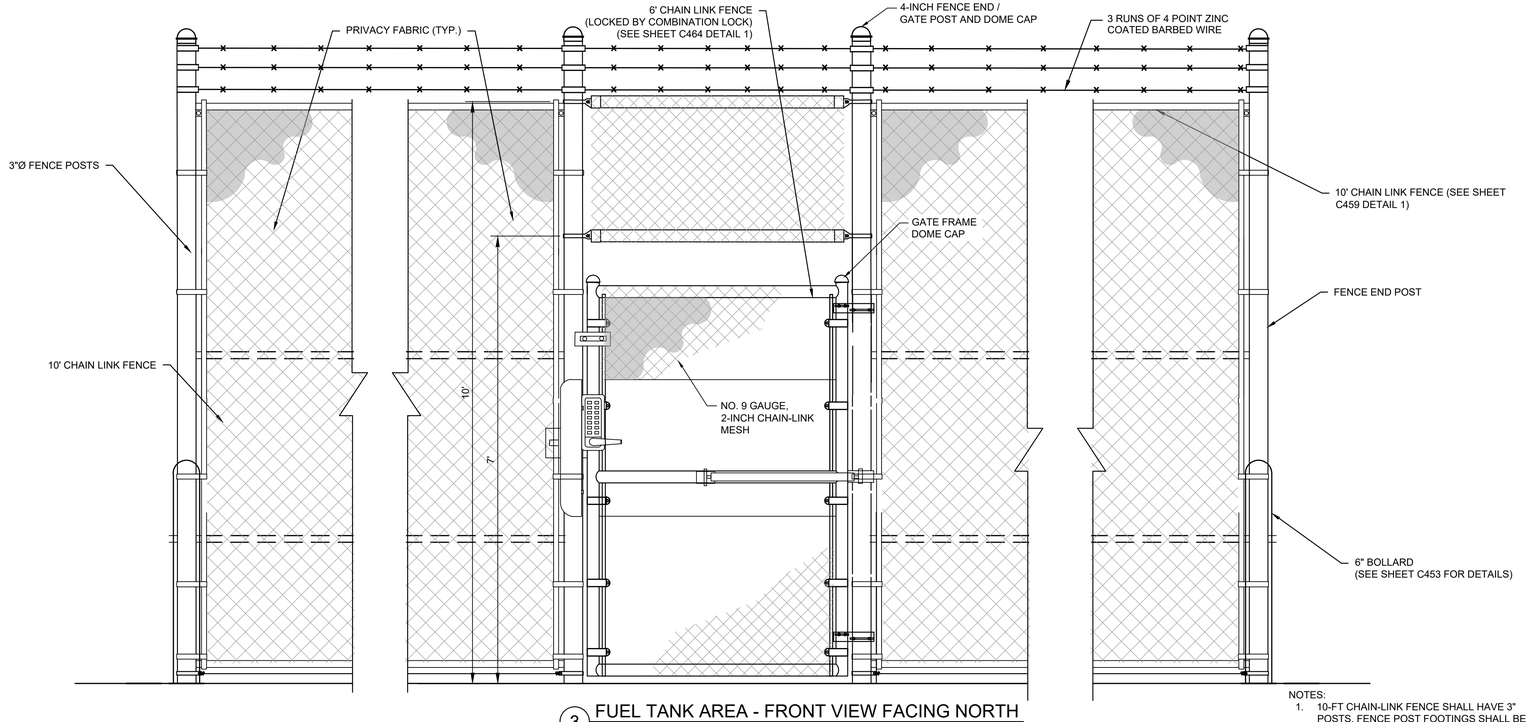
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1 FUEL TANK AREA - TOP VIEW
N.T.S.



2 FUEL TANK AREA EAST FACING SECTION
N.T.S.



3 FUEL TANK AREA - FRONT VIEW FACING NORTH
N.T.S.

NOTES:
1. 10-FT CHAIN-LINK FENCE SHALL HAVE 3" POSTS. FENCE POST FOOTINGS SHALL BE 18-INCH DIAMETER BY 4' DEEP.

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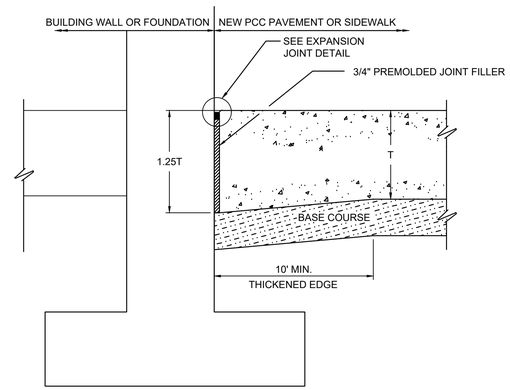
KHA PROJECT	144124117
DATE	JAN 2025
SCALE	AS SHOWN
DESIGNED BY	SMS
DRAWN BY	MC
CHECKED BY	NEP

FUEL TANK ENCLOSURE DETAILS

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

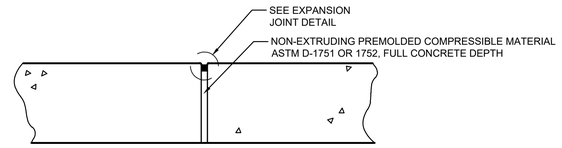
SHEET NUMBER
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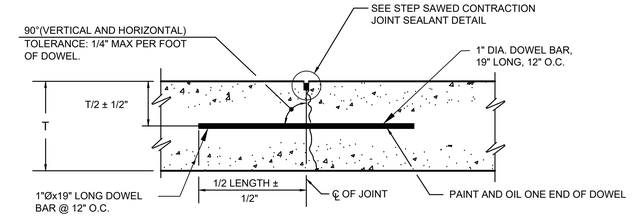
1 TYPE A - THICKENED EDGE EXPANSION JOINT (BUILDING WALL-TO-CONCRETE PAVEMENT)

N.T.S.



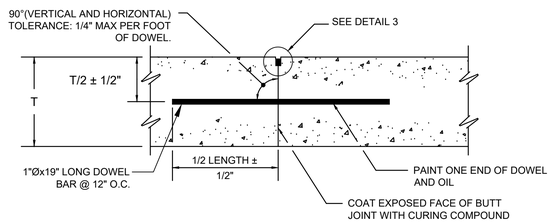
2 TYPE B - NON-DOWELED EXPANSION JOINT

N.T.S.



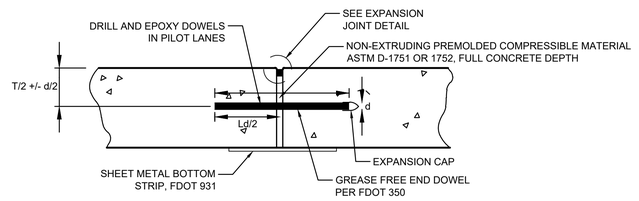
4 TYPE C - DOWELED CONTRACTION JOINT

N.T.S.



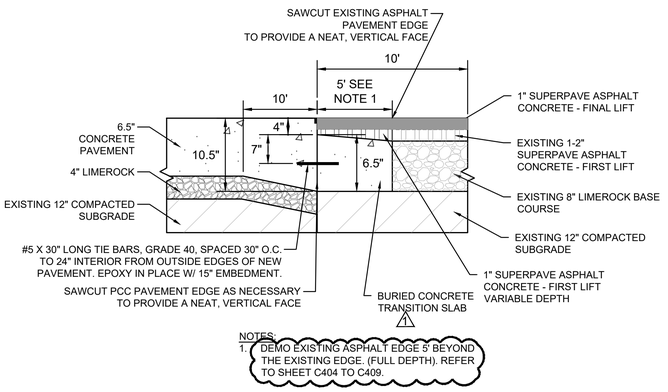
5 TYPE D - DOWELED CONSTRUCTION JOINT

N.T.S.



6 TYPE E - DOWELED EXPANSION JOINT

N.T.S.

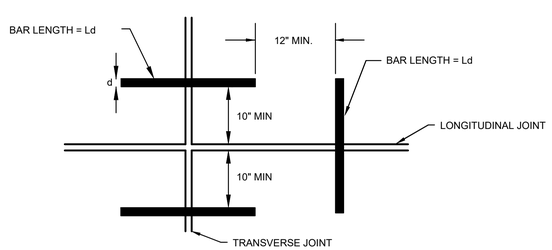


NOTES:
1. DEMO EXISTING ASPHALT EDGE 5' BEYOND THE EXISTING EDGE. (FULL DEPTH). REFER TO SHEET C404 TO C409.

7 TYPE F - CONCRETE TO ASPHALT JOINT

N.T.S.

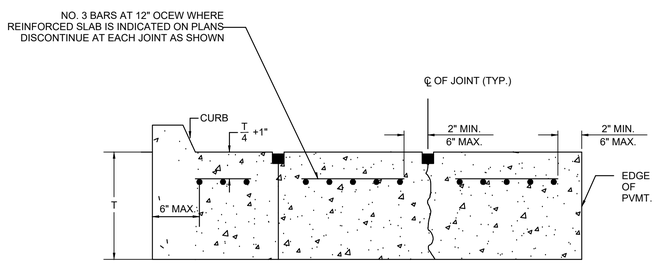
DOWEL BAR SCHEDULE			
Thickness of slab (T)	Diameter (D)	Length	Spacing
6 to 7 in.	3/4 in.	18 in.	12 in.



NOTES:
1. PROVIDE THE MAXIMUM NUMBER OF DOWEL BARS IN BOTH LONGITUDINAL AND TRANSVERSE JOINTS WHILE MEETING THE MINIMUM CLEARANCES SHOWN.

8 DOWEL BARS AT SLAB CORNERS

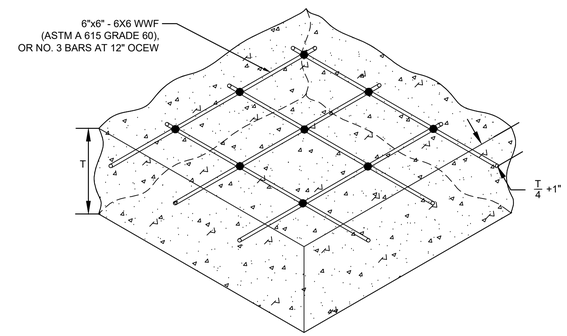
N.T.S.



NOTES:
1. SEE JOINT LAYOUT PLAN FOR LOCATION OF REINFORCED SLABS. REINFORCING ONLY APPLIES TO ODD-SHAPED SLABS AND SLABS CONTAINING PENETRATIONS.

9 SLAB REINFORCEMENT DETAIL 1

N.T.S.



NOTES:
1. END LAPS SHALL BE 12".
2. SIDE LAPS SHALL BE 8".
3. END AND SIDE CLEARANCES SHALL BE NO LESS THAN 2" AND NOT GREATER THAN 6".
4. SPLICES SHALL HAVE AT LEAST A 16" OVERLAP.

10 SLAB REINFORCEMENT DETAIL 2

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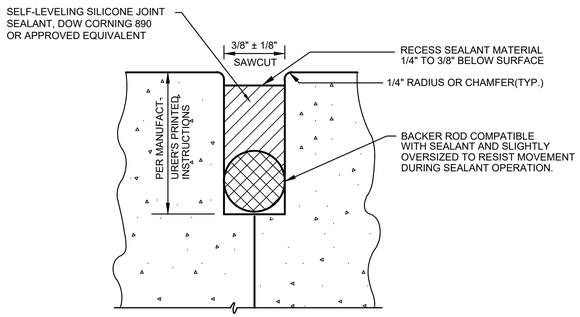
LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER 68317
DATE: _____

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

CONCRETE PAVING DETAILS

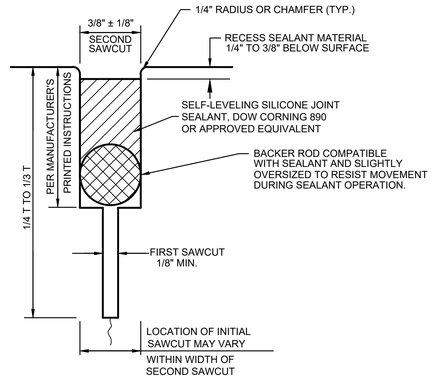
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CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
C456



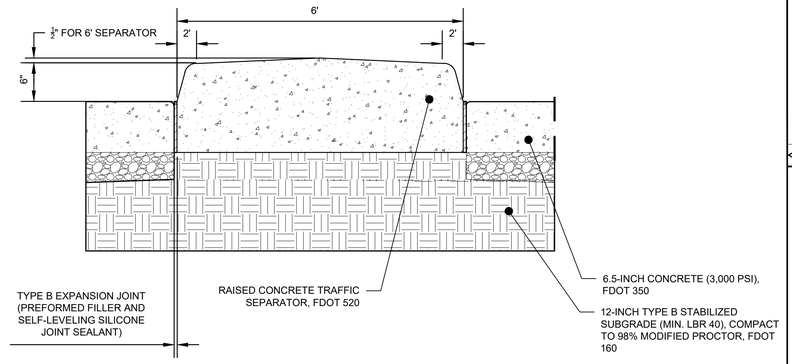
ALL SEALANT MATERIALS MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AS APPROVED BY ENGINEER.

1 CONSTRUCTION JOINT SEALANT DETAIL
N.T.S.



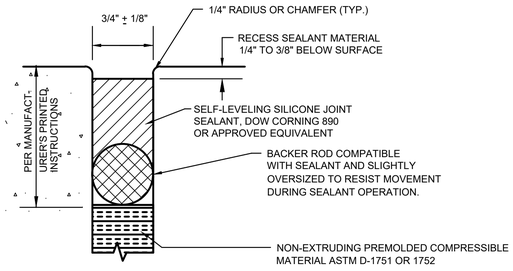
1. ALL SEALANT MATERIALS MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND APPROVED BY ENGINEER.
2. INITIAL SAWCUT SHOULD BE MADE AS SOON AS PRACTICAL. BASED ON MATERIAL SET TIME.

2 STEP SAWED CONTRACTION JOINT SEALANT DETAIL
N.T.S.

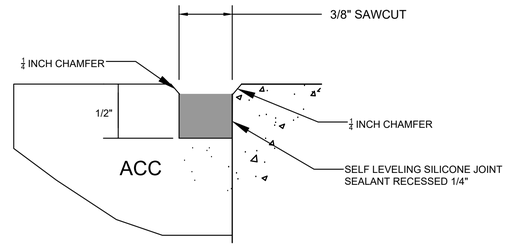


1. FOR ALL SEPARATORS PROVIDE $\frac{3}{8}$" - $\frac{1}{4}$" CONTRACTION JOINTS AT 10' CENTERS (MAX.).

5 TYPE V - CONCRETE TRAFFIC SEPARATOR
N.T.S.



3 EXPANSION JOINT SEALANT DETAIL
N.T.S.



4 ACC-TO-PCC JOINT SEALANT DETAIL
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No.	REVISIONS	DATE	BY
4	ADDENDUM #4	06/30/25	LJC

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2619 CENTENNIAL BOULEVARD, SUITE 200
TALLAHASSEE, FLORIDA 32308-5500
WWW.KIMLEY-HORN.COM CA 00000696

Michael Baker INTERNATIONAL
MICHAEL BAKER INTERNATIONAL, INC.
2211 KASSEL CIRCLE, SUITE 310
TALLAHASSEE, FLORIDA 32301
CERTIFICATE OF AUTHORIZATION NUMBER 28861

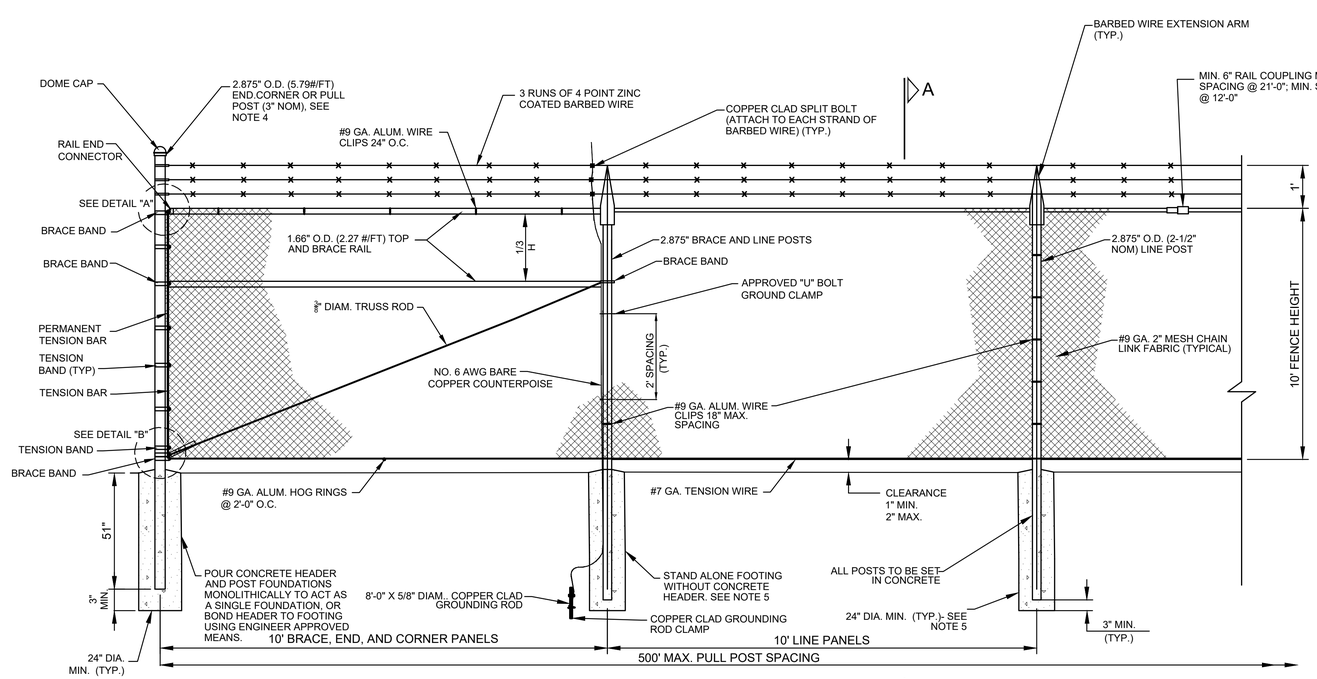
LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER 68317
DATE: ~~~~~

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

CONCRETE JOINT DETAILS

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

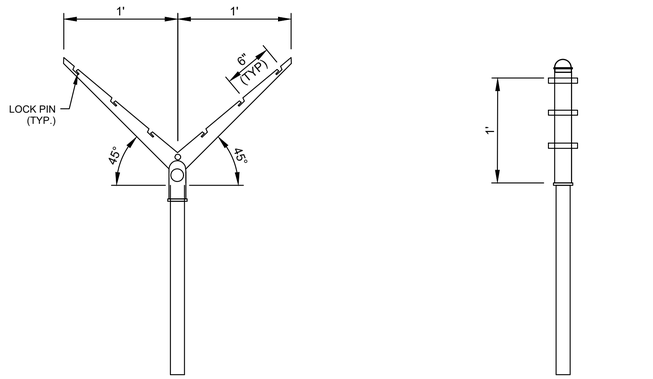
SHEET NUMBER
C457



NOTES:
1. ALL BACKFILL/EMBANKMENT MATERIAL, PLACEMENT AND COMPACTION REQUIRED TO MAINTAIN THE 2" MAXIMUM GAP BETWEEN FENCE AND GROUND AND TO BACKFILL AROUND CONCRETE POST BASES SHALL BE INCIDENTAL TO THE PAY ITEM FOR FENCING. NO ADDITIONAL PAYMENT SHALL BE MADE FOR EMBANKMENT.
2. POST FOOTING DIAMETER SHALL BE 18-INCHES OR 3 TIMES THE PIPE OUTSIDE DIAMETER, WHICHEVER IS GREATER.
3. FENCE MATERIALS SHALL BE COMMERCIAL GRADE HOT DIPPED GALVANIZED STEEL UNLESS OTHERWISE INDICATED.
4. ONLY LINE POSTS AND BRACE POSTS SHALL HAVE BARBED WIRE EXTENSION ARMS. CORNER AND END POSTS SHALL HAVE DOME CAPS.

1 AIRFIELD SECURITY AND 10-FT QTA PERIMETER FENCE DETAIL
N.T.S.

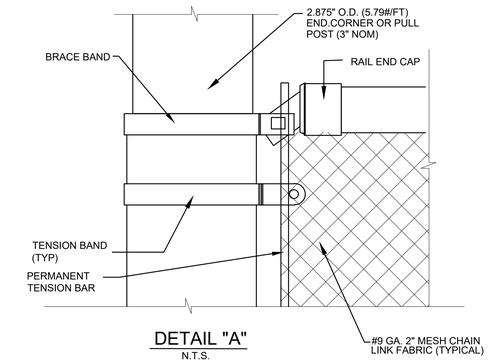
FENCE SLAT NOTE:
1. FENCE SLATS TO BE AN INDUSTRIAL TYPE WITH A WIDTH OF 2-3/8" AND A MESH SIZE OF 3-1/2"x5". A WIRE GAUGE OF EITHER 9 OR 10. THE BASIS OF DESIGN IS FROM PEXCO OR AN APPROVED EQUAL.



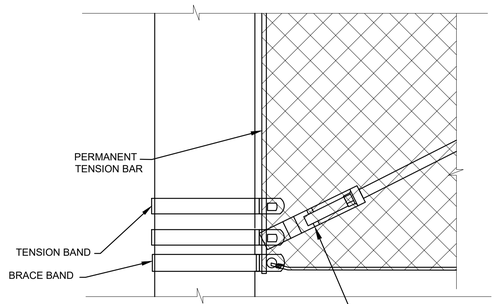
LINE POST

CORNER AND END POST

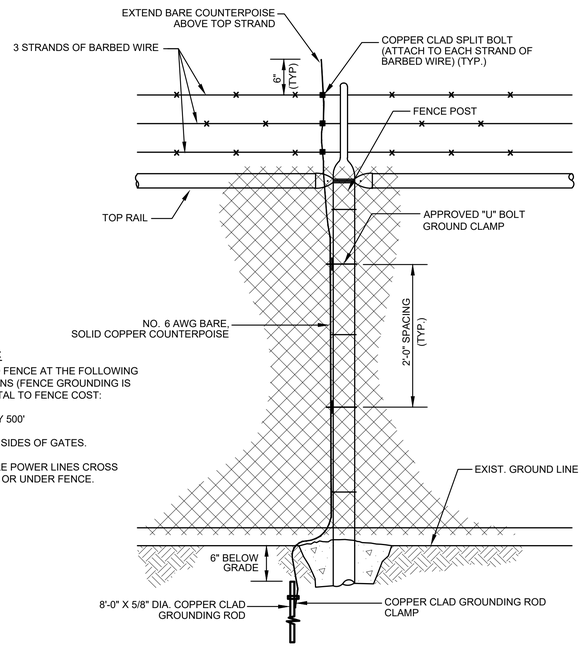
3 BARBED WIRE EXTENSION ARMS
N.T.S.



DETAIL "A"
N.T.S.



DETAIL "B"
N.T.S.



NOTES:

GROUND FENCE AT THE FOLLOWING LOCATIONS (FENCE GROUNDING IS INCIDENTAL TO FENCE COST:

1. EVERY 500'
2. BOTH SIDES OF GATES.
3. WHERE POWER LINES CROSS OVER OR UNDER FENCE.

4 TYPICAL FENCE GROUNDING DETAIL
N.T.S.

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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: _____

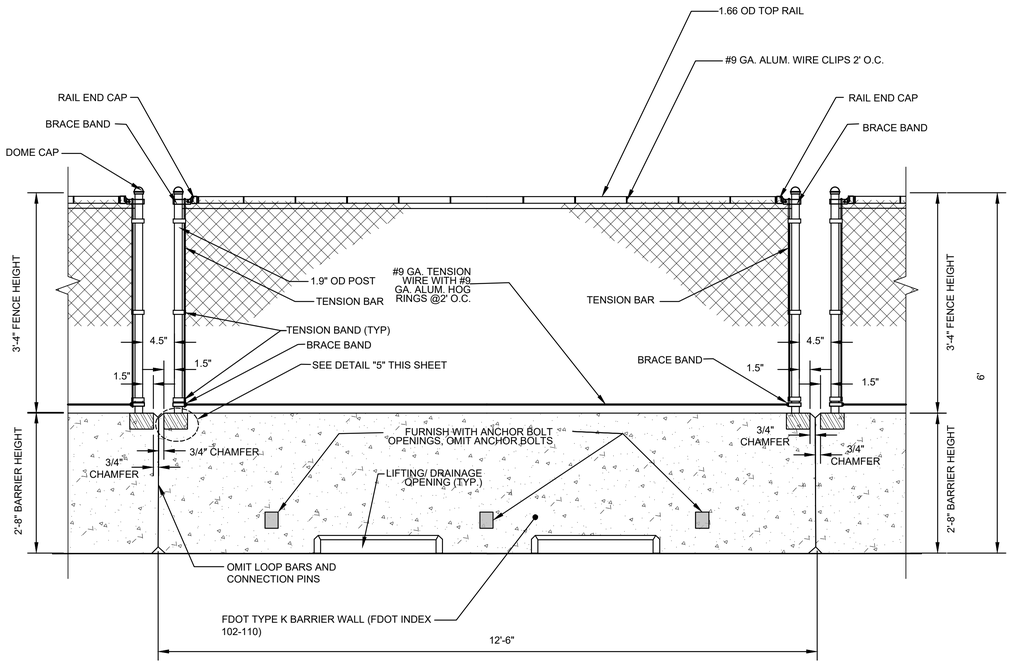
KHA PROJECT 144124117
DATE JAN 2025
SCALE AS SHOWN
DESIGNED BY SMS
DRAWN BY MC
CHECKED BY NEP

AIRFIELD FENCING DETAILS

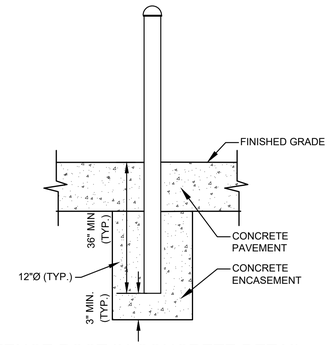
RENTAL CAR QUICK-TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
C458

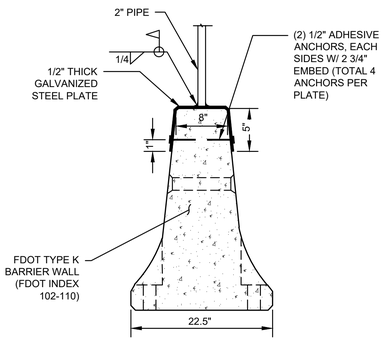
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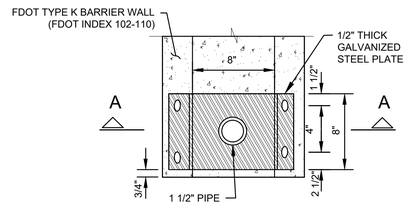
1 QTA MOVEABLE INTERNAL FENCE DETAIL
N.T.S.



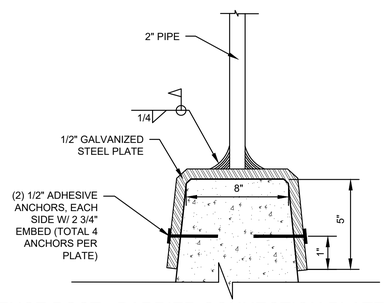
2 FENCE POST IN CONCRETE DETAIL
N.T.S.



3 FENCE POST - BARRIER CONNECTION
N.T.S.



4 BARRIER CONNECTION PLATE PLAN
N.T.S.



5 FENCE POST - BARRIER CONNECTION PLATE (SECTION A-A)
N.T.S.

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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

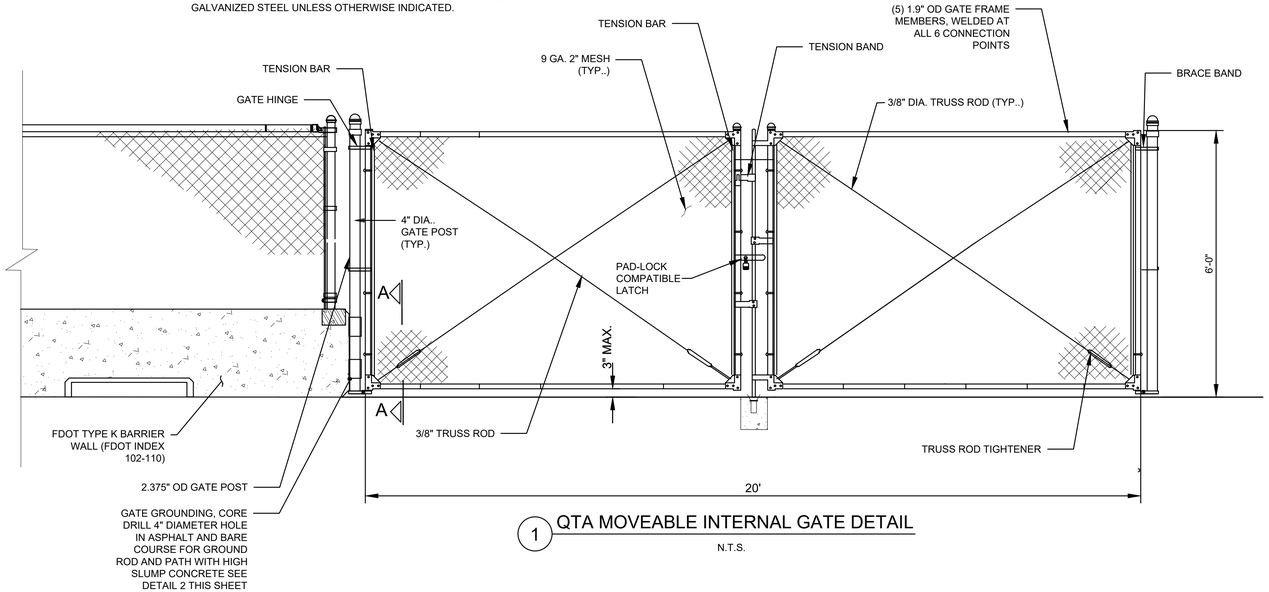
QTA FENCING DETAILS

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

SHEET NUMBER
C459

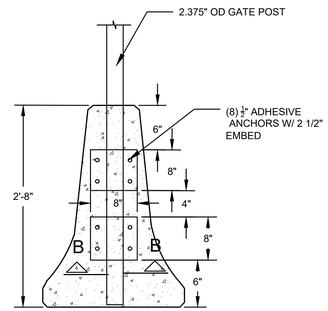
NOTES

1. ALL PIPE FRAMEWORK AND OTHER FERROUS MATERIALS SHALL BE COMMERCIAL GRADE GALVANIZED STEEL, UNLESS OTHERWISE NOTED.
2. A KNOX KEY BOX SHALL BE INSTALLED, THE COST OF FURNISHING AND MOUNTING THE KNOX KEY BOX IS CONSIDERED INCIDENTAL TO ALL INTERNAL SWING GATES.
3. FENCE MATERIALS SHALL BE COMMERCIAL GRADE HOT DIPPED GALVANIZED STEEL UNLESS OTHERWISE INDICATED.

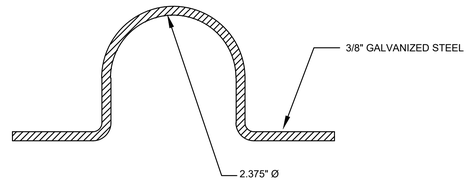


1 QTA MOVEABLE INTERNAL GATE DETAIL

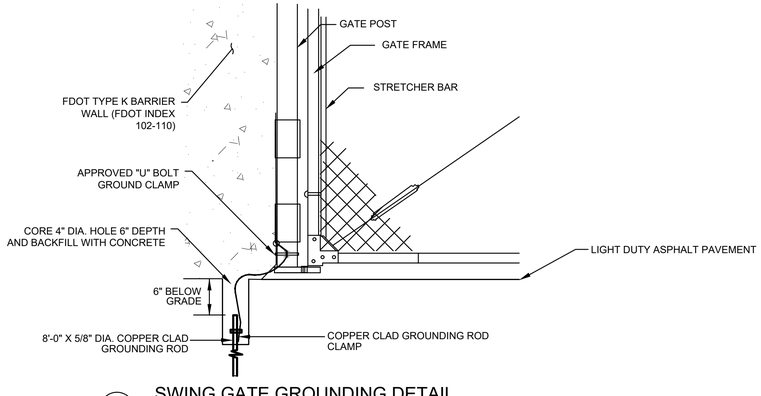
N.T.S.



SECTION A-A



SECTION B-B



2 SWING GATE GROUNDING DETAIL

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2211 KASPER CIRCLE, SUITE B1/D TEL: (850) 201-2302
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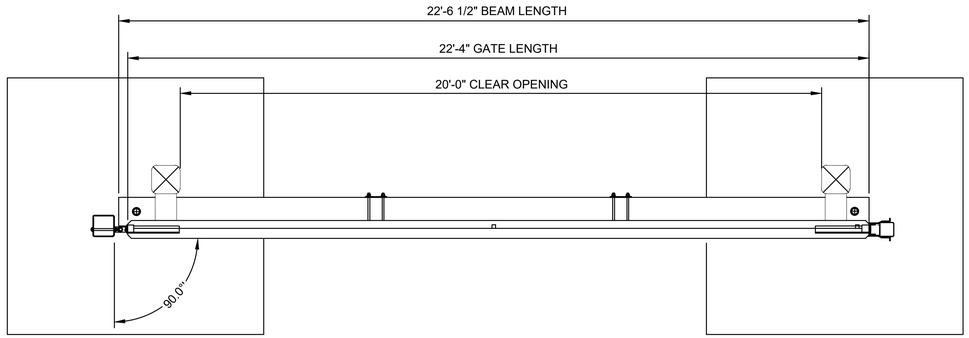
LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER 68317
DATE:

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

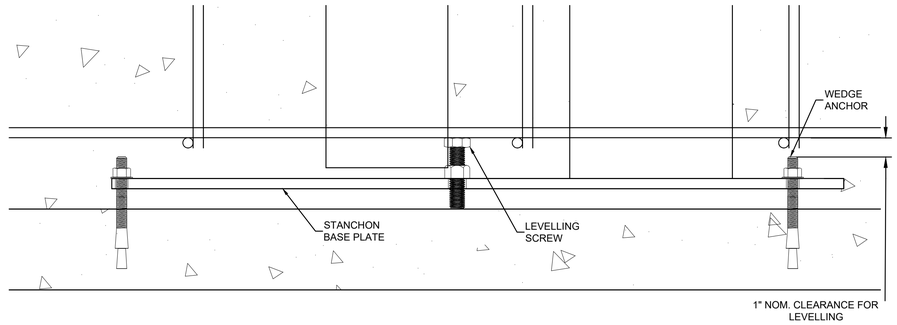
SWING GATE DETAILS

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

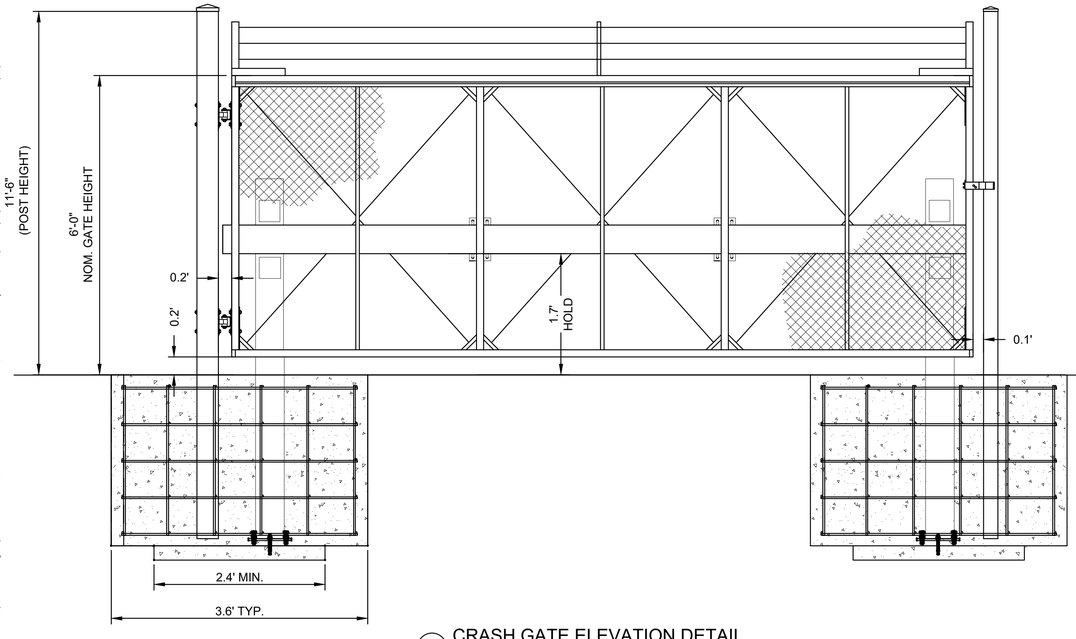
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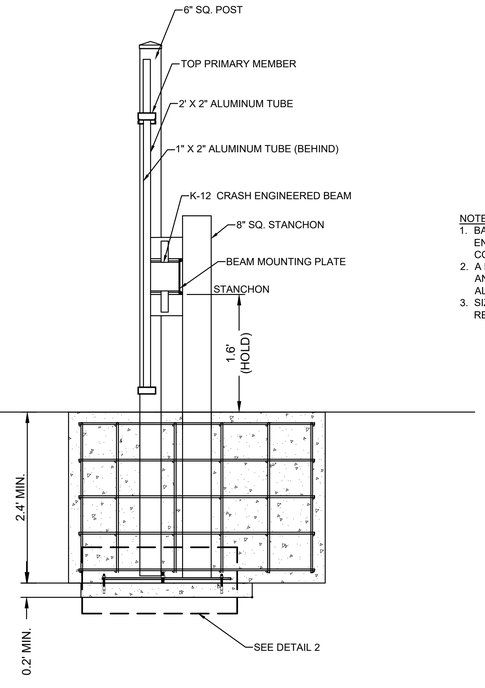
1 CRASH GATE PLAN VIEW
N.T.S.



2 LEVELLING 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.

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2211 KIRKMAN ROAD, SUITE 200
TALLAHASSEE, FLORIDA 32308 850-201-2302
CERTIFICATE OF AUTHORIZATION NUMBER 28861

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

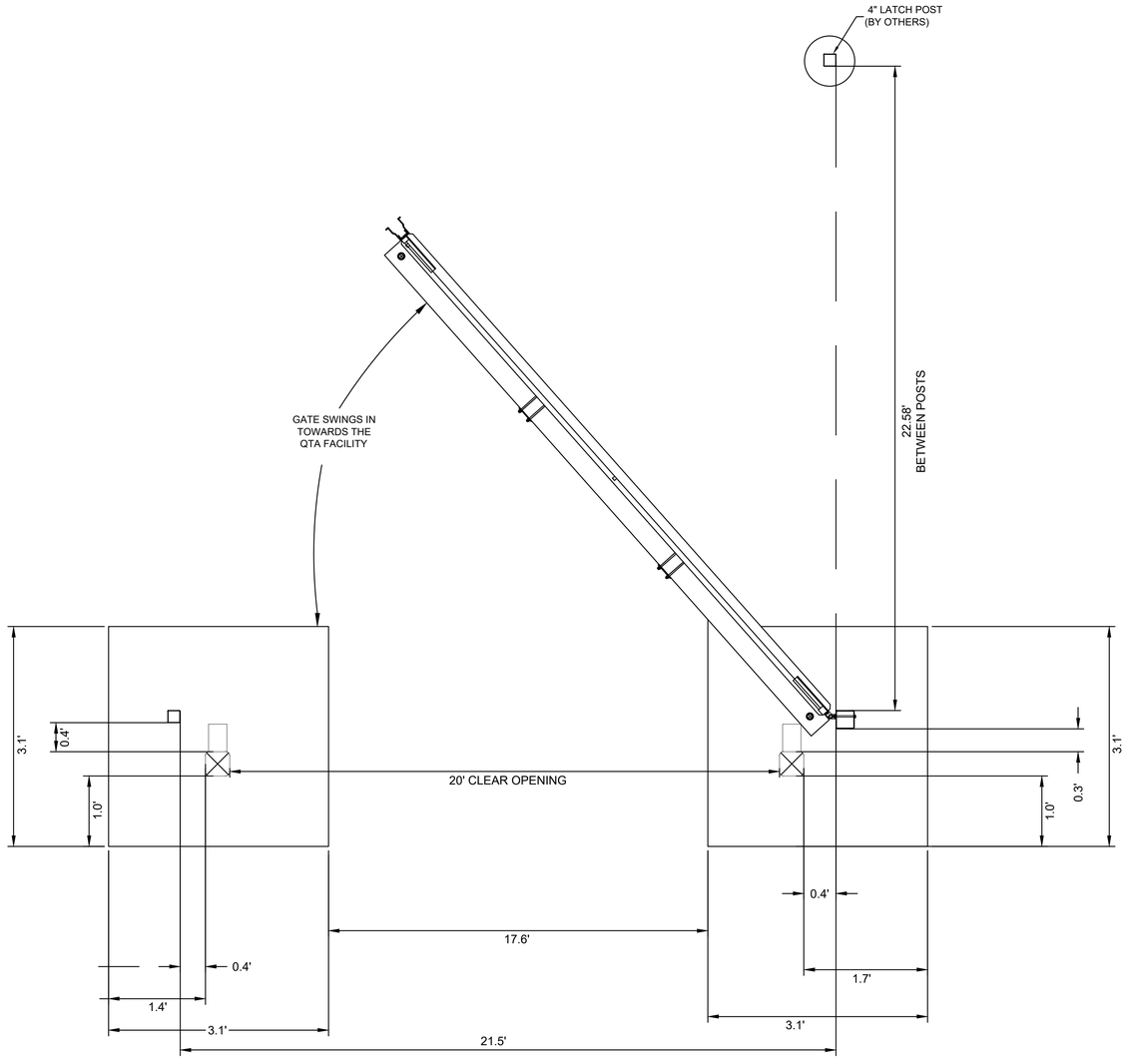
KHA PROJECT 144124117
DATE JAN 2025
SCALE AS SHOWN
DESIGNED BY SMS
DRAWN BY MC
CHECKED BY NEP

CRASH GATE DETAILS

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

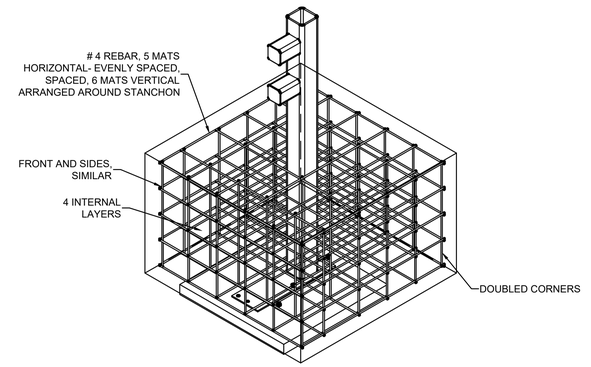
SHEET NUMBER
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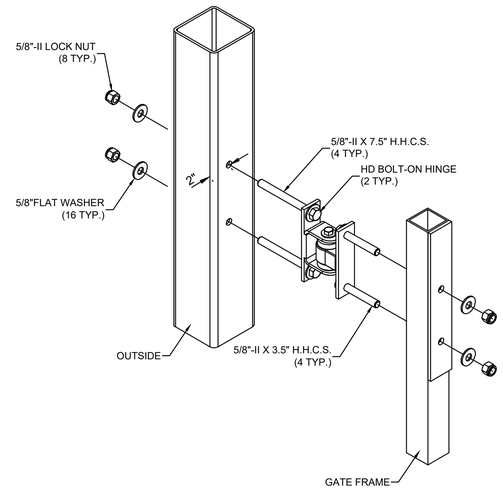


1 10-FT QTA - CRASH GATE DETAILS
N.T.S.

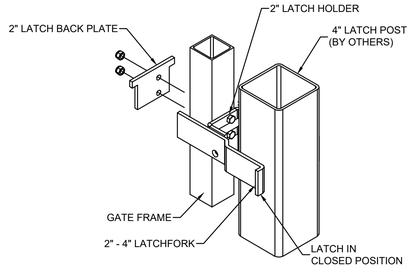
NOTES:
1. THE CONTRACTOR SHALL REFER TO SHEETS C401 AND C402 FOR THE CRASH GATE OPENING DIRECTION AND GATE ORIENTATION.



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.

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2211 KING AVENUE, SUITE 214
JACKSONVILLE, FLORIDA 32207 (850) 201-2502
CERTIFICATE OF AUTHORIZATION NUMBER 28861

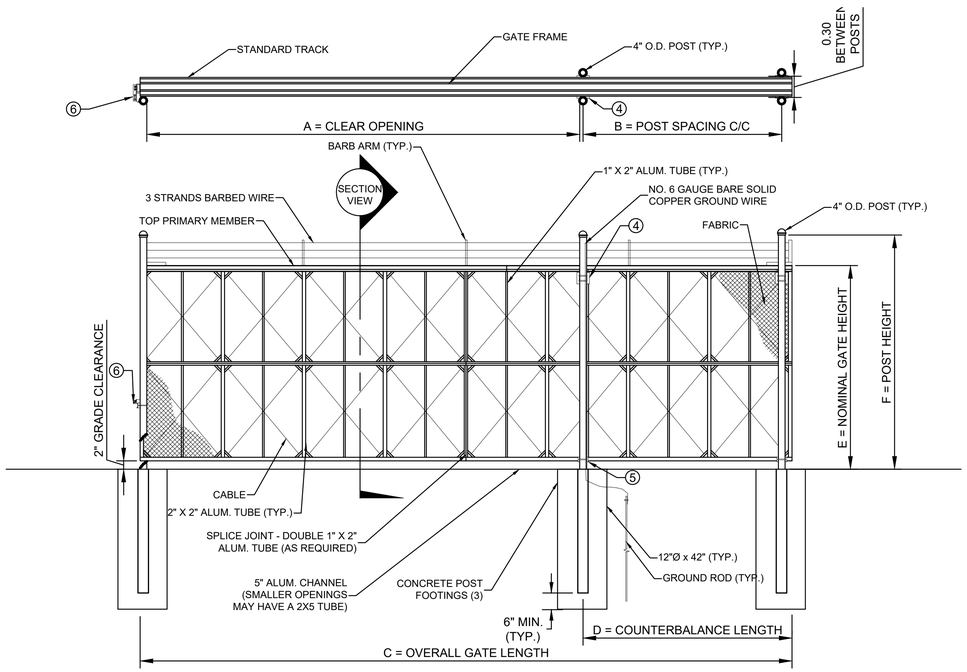
LICENSED PROFESSIONAL
NATHAN E. PARISH
FLORIDA LICENSE NUMBER
68317
DATE:

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

CRASH GATE DETAILS

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

SHEET NUMBER
C462

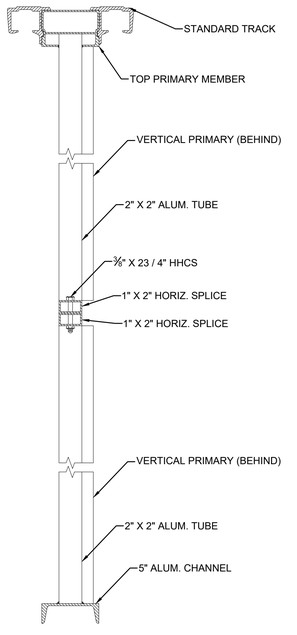


1 CANTILEVER SLIDE GATE DETAIL
N.T.S.

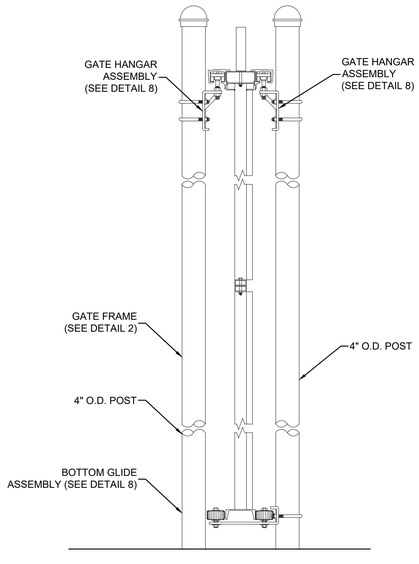
CRITICAL DIMENSIONS

A	CLEAR OPENING (INSIDE FACE TO INSIDE FACE)	36'-0"
B	POST SPACING (CENTER TO CENTER)	17'-1"
C	OVERALL GATE LENGTH	54'-0"
D	LENGTH OF COUNTERBALANCE	18'-0"
E	NOMINAL GATE HEIGHT	10'-0"
F	GATE POST HEIGHTS	11'-6"
G	FABRIC HEIGHT	9'-0"

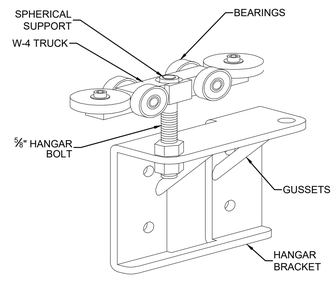
NOTES:
1. BASIS OF DESIGN IS THE FORTRESS STRUCTURAL ALUMINUM CANTILEVER SLIDE GATE AS MANUFACTURED BY TYMETAL CORP., TYMETAL.COM.
2. ALL FITTINGS STANDARDLY PROVIDED FOR 4" OD POSTS. OTHER SIZES AVAILABLE UPON REQUEST.



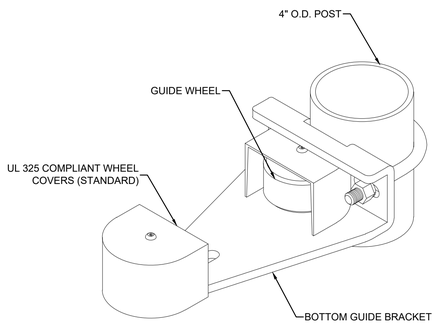
2 GATE FRAME SECTION
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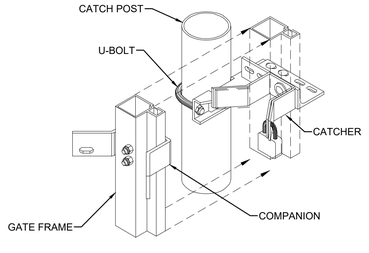
3 GATE ASSEMBLY SECTION
N.T.S.



4 GATE HANGER ASSEMBLY DETAIL
N.T.S.



5 BOTTOM GUIDE ASSEMBLY
N.T.S.



6 CATCH ASSEMBLY DETAIL
N.T.S.

No.	REVISIONS	DATE	BY
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CERTIFICATE OF AUTHORIZATION NUMBER 28861

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

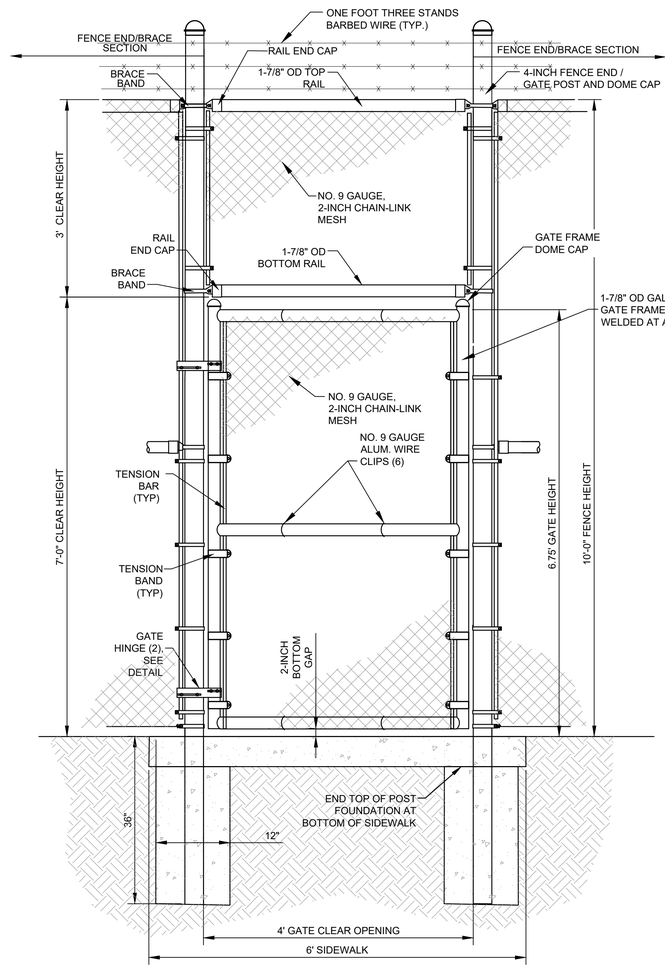
KHA PROJECT 144124117	DATE JAN 2025	SCALE AS SHOWN	
DESIGNED BY	SMS	DRAWN BY	MC
CHECKED BY	NEP		

CANTILEVER SLIDE GATE DETAILS

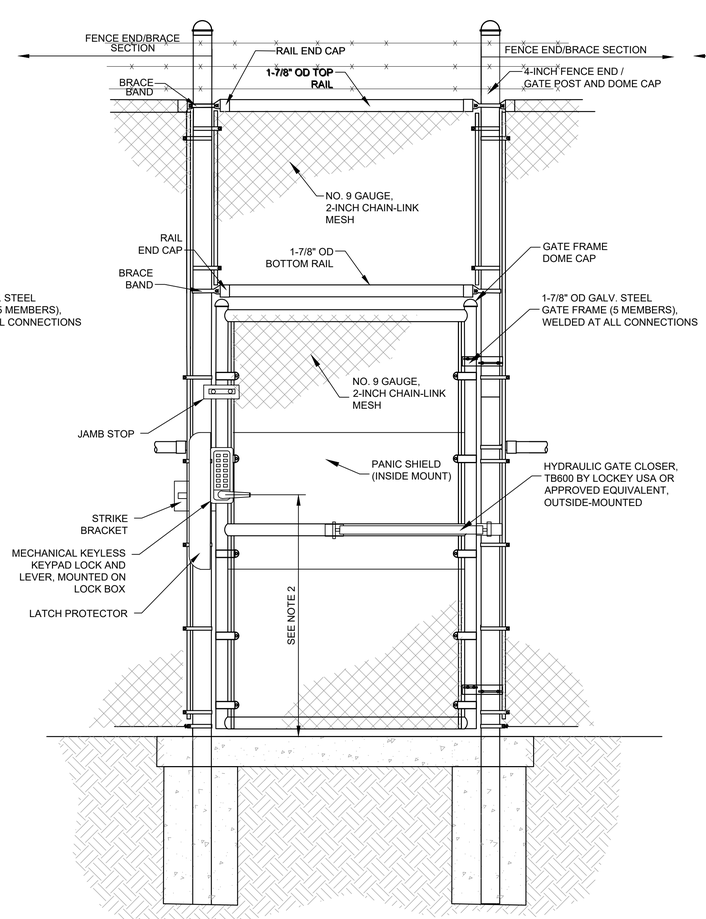
RENTAL CAR QUICK-TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE
FLORIDA

SHEET NUMBER
C463

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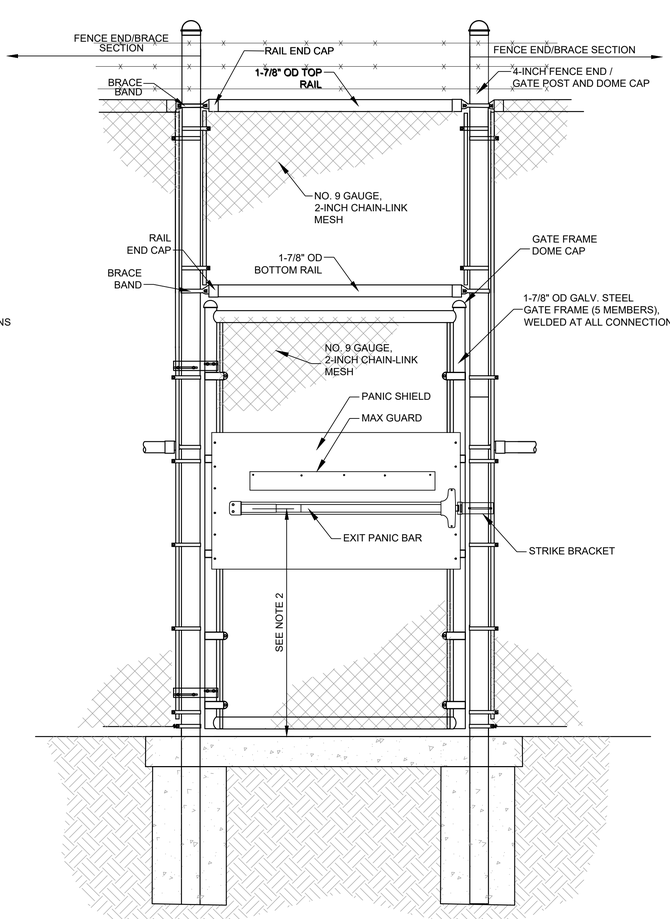


1 PEDESTRIAN GATE (BEFORE SECURITY KIT)
N.T.S.

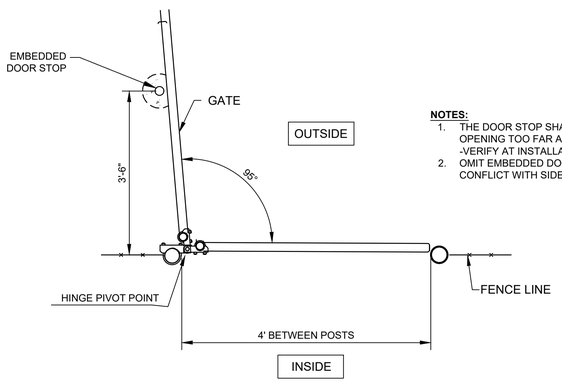


NOTES:
1. BASIS OF DESIGN FOR THE GATE SECURITY KIT IS THE ED61 EDGE PANIC SHIELD KIT WITH PB1100 PANIC BAR BY LOCKEY USA.
2. MOUNT KEYPAD/LEVER, PANIC SHIELD, PANIC BAR, STRIKE BRACKET, AND LATCH PROTECTOR KIT AT THE MANUFACTURER RECOMMENDED HEIGHT.
3. GATE FRAME MEMBERS AND CONNECTION HARDWARE SHALL BE HOT-DIPPED GALVANIZED STEEL UNLESS OTHERWISE INDICATED.

2 PEDESTRIAN GATE OUTSIDE (AFTER SECURITY KIT)
N.T.S.

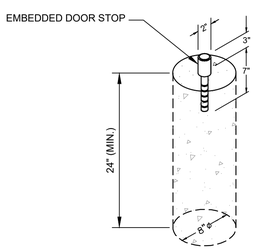


3 PEDESTRIAN GATE INSIDE (AFTER SECURITY KIT)
N.T.S.

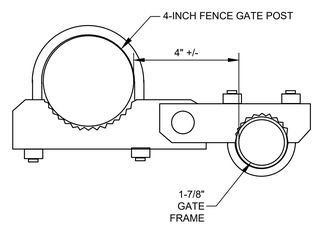


NOTES:
1. THE DOOR STOP SHALL PREVENT THE GATE FROM OPENING TOO FAR AND DAMAGING THE DOOR CLOSER. -VERIFY AT INSTALLATION-
2. OMIT EMBEDDED DOOR STOP WHERE IT WILL CONFLICT WITH SIDEWALK LOCATIONS.

4 GATE PLAN VIEW
N.T.S.



5 EMBEDDED DOOR STOP
N.T.S.



NOTES:
1. 180 DEGREE COMMERCIAL DUTY GATE HINGE. PEDESTRIAN GATE HINGE SIZED FOR 4-INCH OD GATE POST AND 1-7/8" GATE FRAME. INTERNAL QTA FENCE GATE HINGE SIZED FOR 2-3/8" GATE POST AND 1-7/8" GATE FRAME. INCLUDES U-BOLTS. ALL HARDWARE GALVANIZED STEEL.

6 GATE HINGE DETAIL
N.T.S.

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1	AD ADDENDUM #4	06/30/25	C

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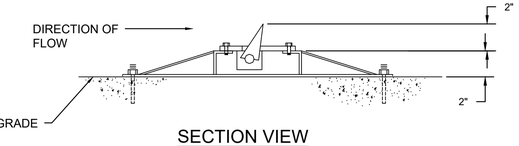
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DATE JAN 2025
SCALE AS SHOWN
DESIGNED BY SMS
DRAWN BY MC
CHECKED BY NEP

PEDESTRIAN GATE DETAILS

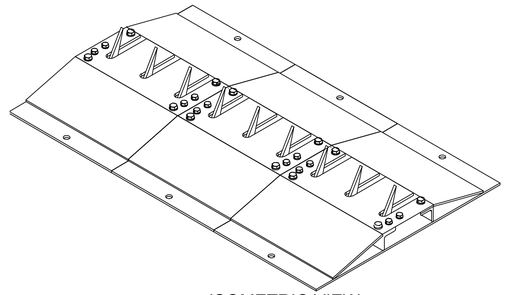
RENTAL CAR QUICK-TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE FLORIDA

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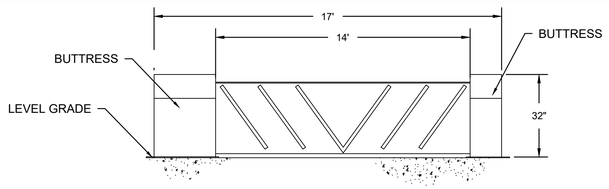
SECTION VIEW



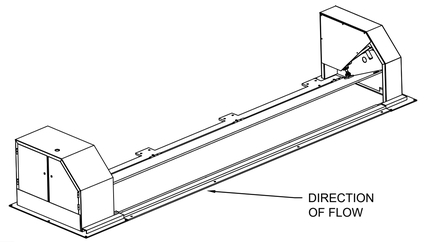
ISOMETRIC VIEW

NOTES:
1. FRAME SHALL BE ANCHORED PER THE MANUFACTURERS RECOMMENDATION, USING HILTI WEDGE ANCHORS OR APPROVED EQUIVALENT OR EPOXY ANCHORED AS RECOMMENDED BY MANUFACTURER.
2. BASIS OF DESIGN: OPTION 1 - CS36-SM BY SPIKE SYSTEMS, INC.; OPTION 2 - POINTGUARD BY APEX FABRICATION AND DESIGN, INC.
3. ANCHOR HOLES SHALL BE PLACED A MINIMUM DISTANCE OF 6-INCHES FROM CONCRETE PAVEMENT JOINTS.

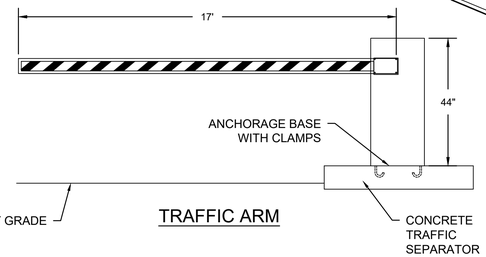
1 PASSIVE SURFACE MOUNTED SPIKE STRIPS
N.T.S.



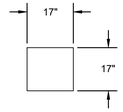
SECTION VIEW



ISOMETRIC VIEW

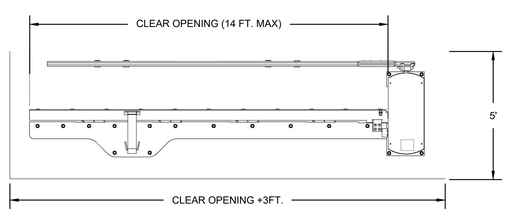


TRAFFIC ARM

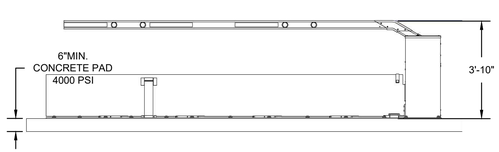


NOTES:
1. GATE SHALL BE ANCHORED PER THE MANUFACTURERS RECOMMENDATION.
2. BASIS OF DESIGN: FOR PLATE-BARRIER OPTION 1 IS PBG-140 BY SPIKE SYSTEMS INC.
3. PLATE BARRIER OPTION 2 INCLUDES A SEPARATE TRAFFIC ARM. TRAFFIC ARM BASIS OF DESIGN; ACCESS PRO-L-RC01240 BY MAGNETIC, INC.

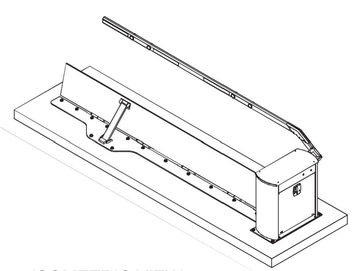
2 PLATE BARRIER GATE (OPTION 1)
N.T.S.



PLAN VIEW



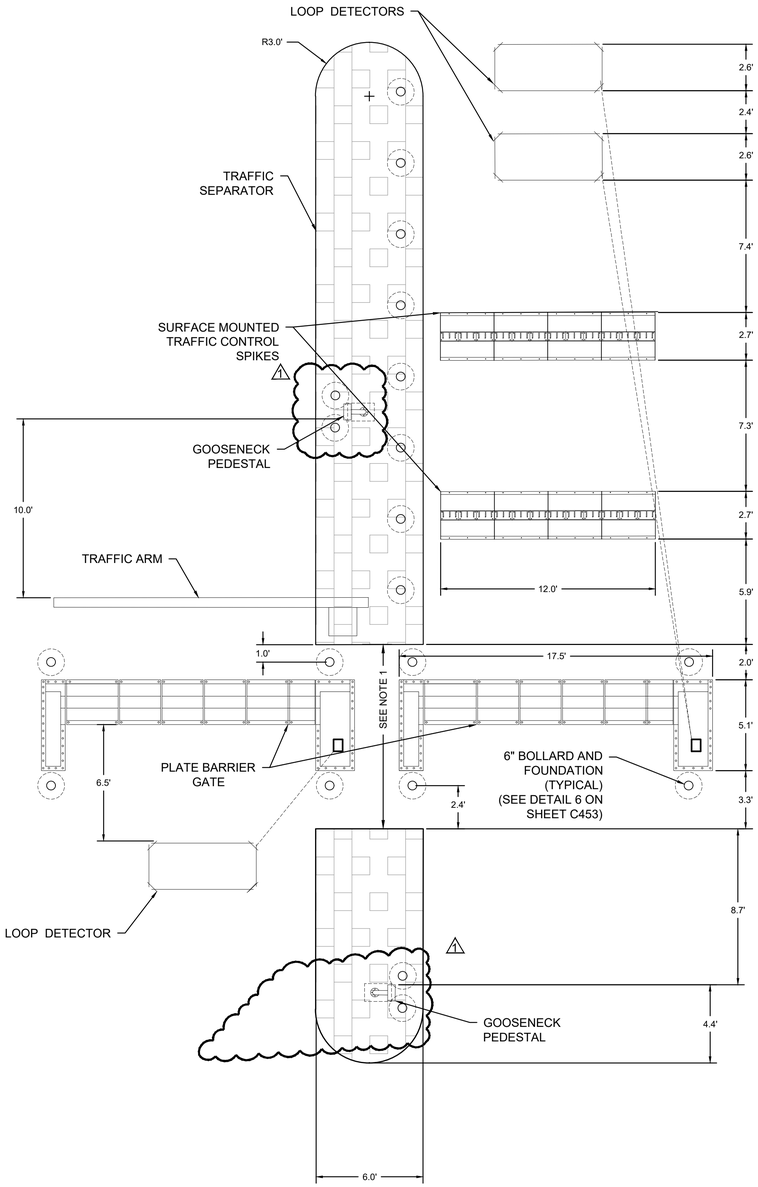
FRONT VIEW



ISOMETRIC VIEW

NOTES:
1. PLATE-BARRIER SHALL BE ANCHORED PER THE MANUFACTURER'S RECOMMENDATIONS.
2. BASIS OF DESIGN FOR PLATE-BARRIER OPTION 2 IS LT WEDGE BY APEX FABRICATION AND DESIGN, INC. WITH INTEGRAL TRAFFIC ARM.

3 PLATE BARRIER GATE (OPTION 2)
N.T.S.



4 TYPICAL ACCESS CONTROL LAYOUT
N.T.S.

NOTES:
1. SIZE GAP IN TRAFFIC SEPARATOR TO ACCOMMODATE PLATE BARRIER HEAD UNIT AND BOLLARDS.

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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DATE:

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

QTA ACCESS CONTROL DETAILS

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

SHEET NUMBER
C465

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EXISTING DRAINAGE PIPES (TYP.)

A C751 | B C752 | C C753 | D C754 | E C754

CONTRACTOR TO CONNECT 5" ROOF DRAIN FROM BUILDING TO EXISTING CLEANOUT. SEE PLUMBING FLOOR PLANS FOR CONNECTION LOCATION

CLEANOUT (TYP.)
INV: 71.40
STUB AND CAP

CONTRACTOR TO CONNECT 2" CONDENSATE TO TRENCH DRAIN. SEE PLUMBING FLOOR PLAN FOR CONNECTION LOCATION

85 LF OF 8" TRENCH DRAIN @ 0.50%, ACO FG200 FLOWDRAIN OR APPROVED EQUAL

FUEL PIPES (TYP.)

CONTRACTOR TO CONNECT 5" ROOF DRAIN FROM BUILDING TO EXISTING CLEANOUT. SEE PLUMBING FLOOR PLANS FOR CONNECTION LOCATION

INV OUT: 72.48

EXISTING STORM DRAIN PIPE (TYP.)

CLEANOUT
INV. 70.20

74 LF OF 8" TRENCH DRAIN @ 0.50%, ACO FG200 FLOWDRAIN OR APPROVED EQUAL

INV OUT: 72.39

TRENCH DRAIN (TYP.)

85 LF OF 8" TRENCH DRAIN @ 0.50%, ACO FG200 FLOWDRAIN OR APPROVED EQUAL

EXISTING ROAD

MATCHLINE, SEE SHEET C702

EXISTING FUEL PIPES (TYP.)

100 LF OF 6" PP PIPE @ 4.80%

CONNECT TO STORM WITH 18"X6" FITTING INV: 66.60

STUB AND CAP
FFE = 74.0'

PROPOSED BUILDING 'A'
FFE = 73.5'

FFE = 74.0'
FFE = 73.5'

123 LF OF 6" PP @ 3.98%

STUB AND CAP

CONNECT TO STORM WITH 18"X6" FITTING INV. 65.3

INSTALL NEW 8" PIPE
INV: 69.20

INV OUT: 72.30

EXISTING WATER (TYP.)

EXISTING SANITARY SEWER (TYP.)

PROPOSED BUILDING 'B'
FFE = 74.0'
FFE = 73.5'
FFE = 74.0'
FFE = 73.5'

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

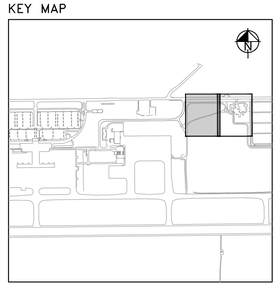
NOTE:

1. PROPOSED CONTOURS ON GRASS ARE 5.0 FOOT MAJOR AND 1.0 FOOT MINOR.
2. PROPOSED CONTOURS ON PAVEMENT ARE 1.0 FOOT MAJOR AND 0.2 FEET MINOR.

LEGEND

- EXISTING STORM STRUCTURES
- EXISTING STORM SEWER (WITH FLOW DIRECTION)
- PROPOSED SURFACE FLOW DIRECTION
- EXISTING SURFACE MAJOR CONTOUR
- PROPOSED SURFACE MAJOR CONTOUR
- ASPHALT PAVEMENT, 1" FINAL LIFT
- 10' QTA PERIMETER FENCE
- EXISTING SECURITY FENCE
- EXISTING DRAIN
- EXISTING ROOF DRAIN
- PROPOSED ROOF DRAIN
- EXISTING WATER PIPE
- AIRPORT PROPERTY LIMITS

KEY MAP



No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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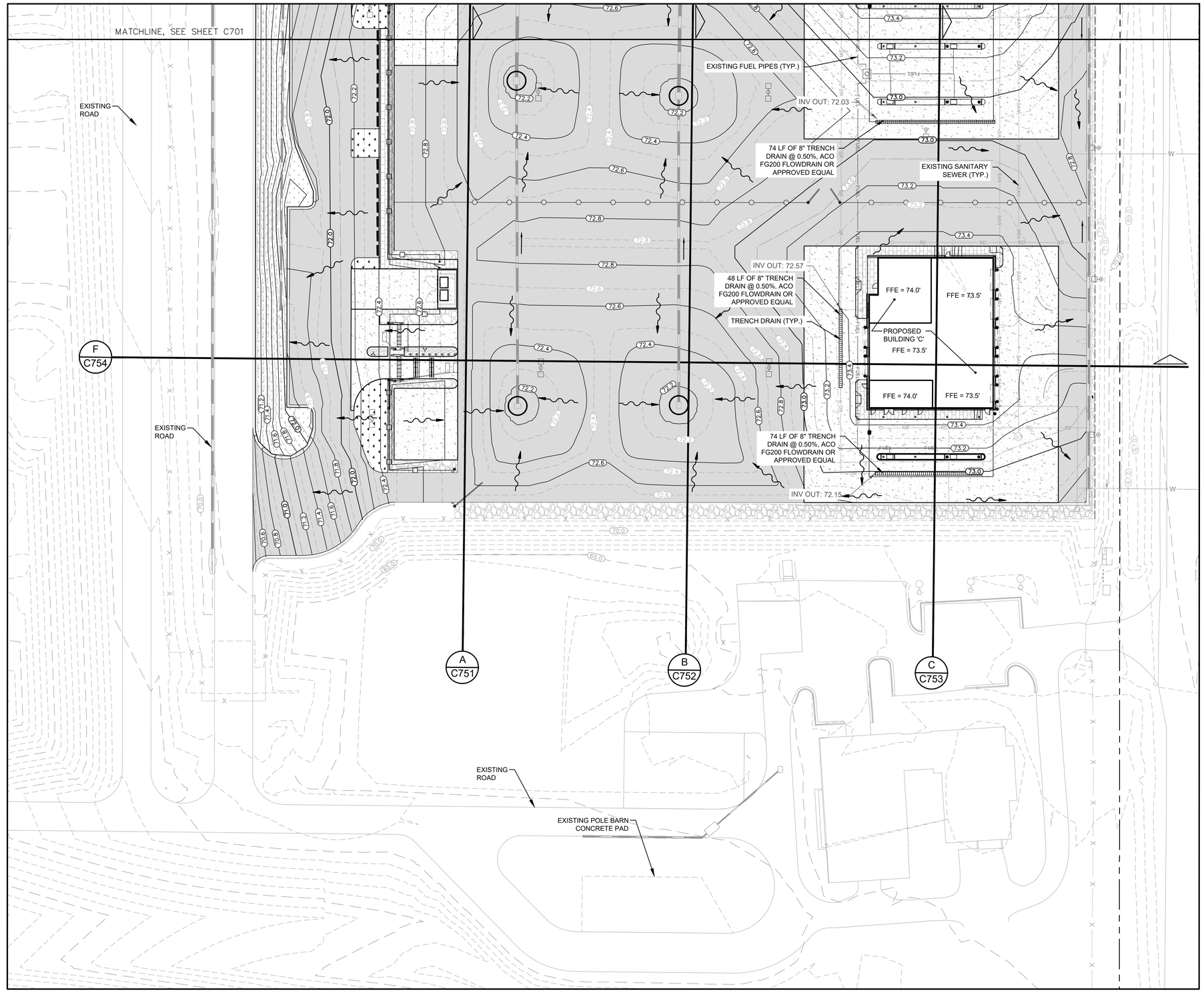
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FLORIDA LICENSE NUMBER 68317
DATE: ____

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

GRADING AND DRAINAGE PLAN

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

SHEET NUMBER
C701



GRAPHIC SCALE IN FEET
0 15 30 60

NORTH

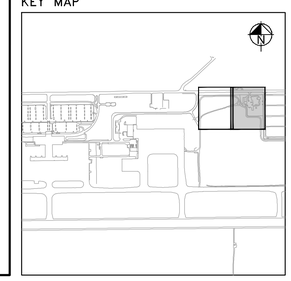
NOTE:

1. PROPOSED CONTOURS ON GRASS ARE 5.0 FOOT MAJOR AND 1.0 FOOT MINOR.
2. PROPOSED CONTOURS ON PAVEMENT ARE 1.0 FOOT MAJOR AND 0.2 FEET MINOR.

LEGEND

- EXISTING STORM STRUCTURES
- EXISTING STORM SEWER (WITH FLOW DIRECTION)
- PROPOSED SURFACE FLOW DIRECTION
- EXISTING SURFACE MAJOR CONTOUR
- PROPOSED SURFACE MAJOR CONTOUR
- ASPHALT PAVEMENT, 1" FINAL LIFT
- 10' QTA PERIMETER FENCE
- EXISTING SECURITY FENCE
- EXISTING DRAIN
- EXISTING ROOF DRAIN
- PROPOSED ROOF DRAIN
- EXISTING WATER PIPE
- AIRPORT PROPERTY LIMITS

KEY MAP



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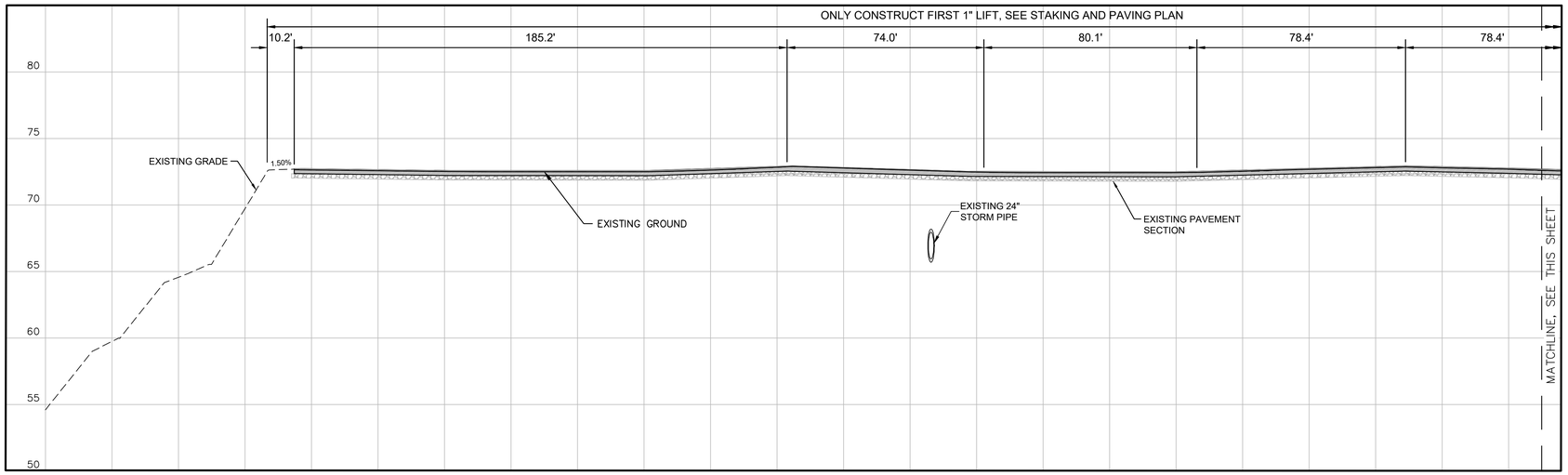
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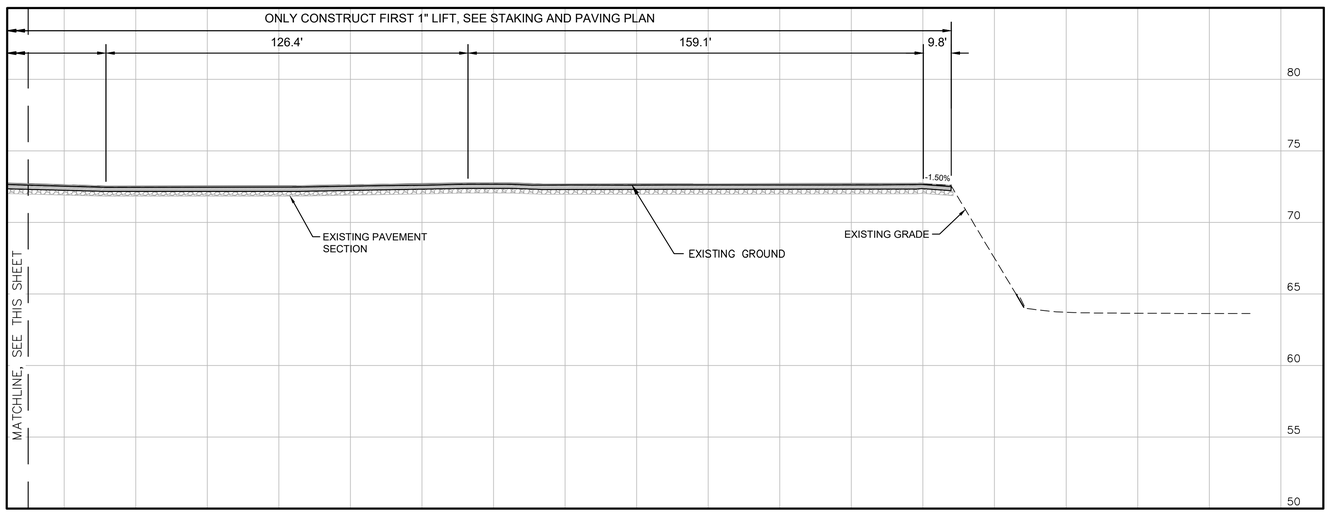
GRADING AND DRAINAGE PLAN

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A WEST TO EAST SECTION A

GRAPHIC SCALE IN FEET
0 12.5 25 50
HORIZONTAL

0 2.5 5 10
VERTICAL

NOTES:
1. DEPTHS OF ALL UTILITIES SHOWN ARE APPROXIMATE. REFER TO PLANS FOR HORIZONTAL LOCATION AND DEPTH.

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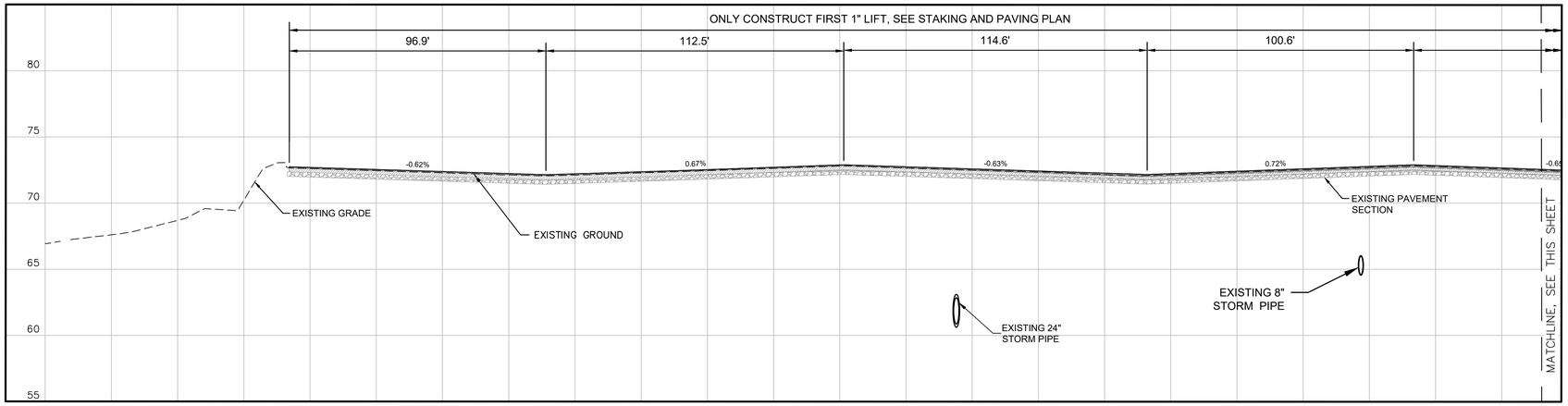
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SCALE	AS SHOWN
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DRAWN BY	MC
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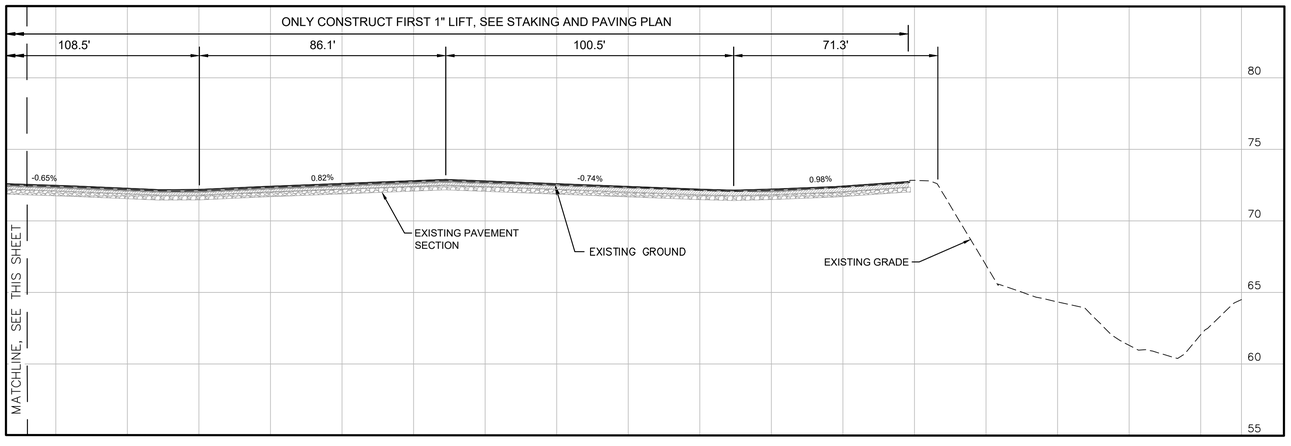
QTA CROSS SECTIONS

RENTAL CAR QUICK-TURNAROUND FACILITY
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B WEST TO EAST SECTION B

GRAPHIC SCALE IN FEET
0 12.5 25 50
HORIZONTAL

0 2.5 5 10
VERTICAL

NOTES:
1. DEPTHS OF ALL UTILITIES SHOWN ARE APPROXIMATE. REFER TO PLANS FOR HORIZONTAL LOCATION AND DEPTH.

No.	REVISIONS	DATE	BY
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FLORIDA LICENSE NUMBER
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DATE:

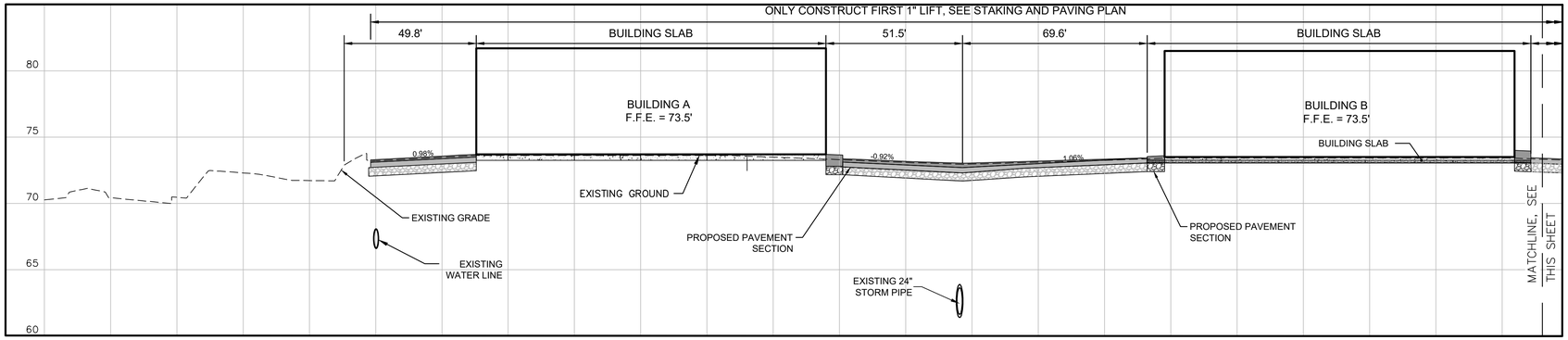
KHA PROJECT	144124117
DATE	JAN 2025
SCALE	AS SHOWN
DESIGNED BY	SMS
DRAWN BY	MC
CHECKED BY	NEP

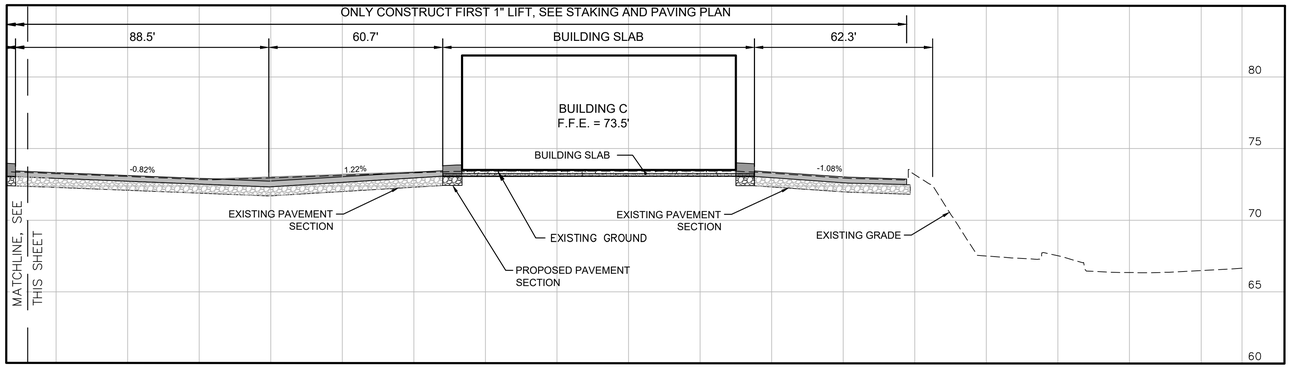
QTA CROSS SECTIONS

RENTAL CAR QUICK-TURNAROUND FACILITY
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CITY OF TALLAHASSEE FLORIDA

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C WEST TO EAST SECTION C

NOTES:
1. DEPTHS OF ALL UTILITIES SHOWN ARE APPROXIMATE. REFER TO PLANS FOR HORIZONTAL LOCATION AND DEPTH.

GRAPHIC SCALE IN FEET
0 12.5 25 50
HORIZONTAL

0 2.5 5 10
VERTICAL

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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68317
DATE: _____

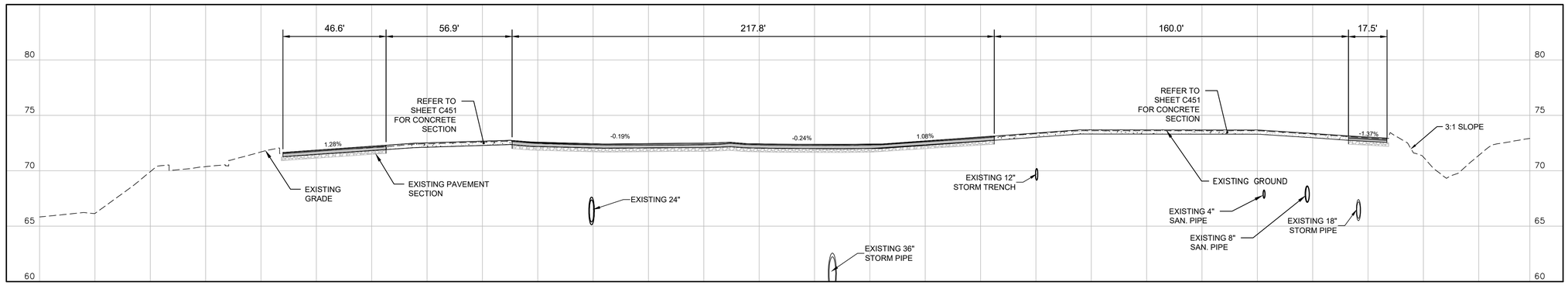
KHA PROJECT
144124117
DATE
JAN 2025
SCALE AS SHOWN
DESIGNED BY SMS
DRAWN BY MC
CHECKED BY NEP

QTA CROSS SECTIONS

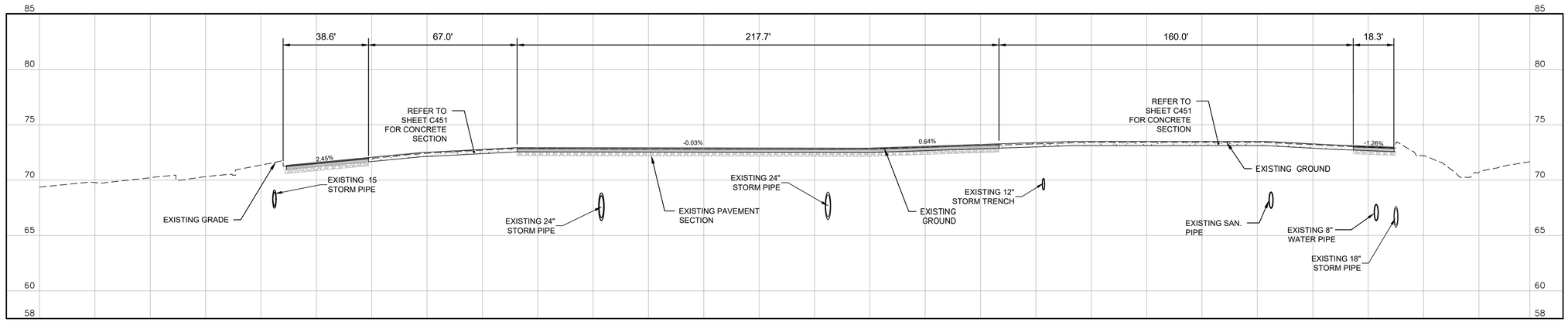
RENTAL CAR QUICK-TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
C753

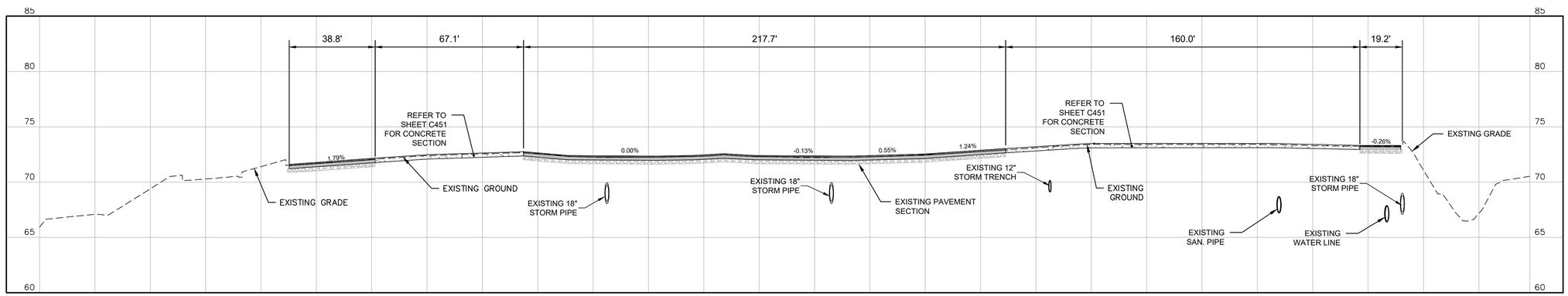
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D SOUTH TO NORTH SECTION D



E SOUTH TO NORTH SECTION E



F SOUTH TO NORTH SECTION F

GRAPHIC SCALE IN FEET
0 12.5 25 50
HORIZONTAL

0 2.5 5 10
VERTICAL

NOTES:
1. DEPTHS OF ALL UTILITIES SHOWN ARE APPROXIMATE. REFER TO PLANS FOR HORIZONTAL LOCATION AND DEPTH.

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	LJC

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WWW.KIMLEY-HORN.COM CA 00000696

Michael Baker INTERNATIONAL

MICHAEL BAKER INTERNATIONAL, INC.
2335 SHERMAN COURT, SUITE 101
TALLAHASSEE, FLORIDA 32308 (850) 201-2302
CERTIFICATE OF AUTHORIZATION NUMBER 28861

LICENSED PROFESSIONAL ENGINEER
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

QTA CROSS SECTIONS

RENTAL CAR QUICK-TURNAROUND FACILITY
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Plotted By:Kinnon, Adam Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:C801 UTILITY PLAN April 18, 2025 08:35:56am K:\TAL_Aviation\1_Engr\144124-TLH\059-Rental Car GTA\Design\CADD\PlanSheets\GTAC800 UTILITY PLAN.dwg
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AOA SERVICE ROAD

CARGO & RENTAL CAR SERVICE ROAD

EXISTING AIRFIELD SECURITY FENCE

EXISTING 10" PVC SANITARY SEWER

EXISTING 8" WATER MAIN

EXISTING 6" GAS LINE

EXISTING SANITARY MANHOLE

EXISTING OVERHEAD ELECTRIC

EXISTING OIL WATER SEPARATOR

EXTEND 4" ROOF DRAIN TO EXISTING DRAIN LINE

INV. 71.40

SEE NOTE 19 (TYP. ALL SEWER CLEANOUTS)

INV. 66.60

INSTALL CLEANOUT ON EXISTING PIPE STUB
RIM: 74.17
EXISTING INV: 67.15

FFE = 74.00

TRENCH DRAIN (TYP.)

INSTALL CLEANOUT ON EXISTING PIPE STUB
RIM: 73.63
EXISTING INV: 67.15

BUILDING A
FFE = 73.50

EXISTING 8" PVC PRIVATE SEWER

EXISTING 4" PVC PRIVATE SEWER

17 LF 4" PVC PRIVATE SEWER

EXTEND 2" CONDENSATE DRAIN TO TRENCH DRAIN, SEE PLUMBING SHEETS FOR EXACT LOCATION.

INSTALL CLEANOUT ON EXISTING PIPE STUB
RIM: 73.61
EXISTING INV: 65.74

NEW CLEANOUT AT RIM: 73.64, SEE NOTE 19

PROPOSED FUEL PIPING. CONTRACTOR SHALL SAWCUT EXISTING ASPHALT PAVEMENT 10' WIDE FOR PIPING INSTALLATION. REFER TO TRENCH DETAIL ON SHEET C803 AND FUELING SHEETS FOR DETAIL.

REFER TO ELECTRICAL PLANS FOR SITE LIGHTING (TYP.)

INSTALL CLEANOUT ON EXISTING PIPE STUB
RIM: 73.66
EXISTING INV: 65.0

LOCATE EXISTING 4" PRIVATE WATER STUB AND INSTALL 90° BEND

34 LF 4" PVC PRIVATE SEWER SERVICE

SEE PLUMBING SHEETS FOR CONNECTION TO BUILDING

EXISTING 4" PVC PRIVATE WATER SERVICE

FFE = 74.00

EXISTING 4" PVC PRIVATE SEWER

INSTALL 4" PVC PRIVATE WATER

INSTALL 90° BEND

NEW CLEANOUT AT RIM: 73.57, SEE NOTE 19

NEW CLEANOUT AT RIM: 73.56, SEE NOTE 19

NEW ROOF DRAIN, SEE GRADING AND DRAINAGE PLANS

INSTALL 3" PRIVATE WATER METER AND ISOLATION BALL VALVE

PROPOSED 5 LF OF PRIVATE 6" PVC WATER SERVICE

RELOCATED HYDRANT

36" REQUIRED CLEAR SPACE (SEE NOTE 3)

EXISTING HYDRANT TO BE RELOCATED AND EXISTING PRIVATE WATER CAPPED

CONNECT TO EXISTING PRIVATE 6" PVC WATER SERVICE WITH TAPPING SADDLE AND VALVE

TRENCH DRAIN (TYP.)

EXISTING 6" PVC PRIVATE SEWER

PROPOSED FUEL PIPING. CONTRACTOR SHALL SAWCUT EXISTING ASPHALT PAVEMENT 10' WIDE FOR PIPING INSTALLATION. REFER TO TRENCH DETAIL ON SHEET C803 AND FUELING SHEETS FOR DETAIL.

ROOF DRAIN (TYP.)

INSTALL CLEANOUT ON EXISTING PIPE STUB
RIM: 73.97
EXISTING INV: 66.56

EXISTING 8" PRIVATE SEWER

EXISTING ELECTRICAL HANDHOLES SHALL BE RAISED TO FINISHED GRADE. FIELD VERIFY LOCATION OF ALL EXISTING HANDHOLES (TYP.)

FFE = 74.00

TRENCH DRAIN (TYP.)

EXISTING 6" PRIVATE WATER SERVICE

EXTEND 2" CONDENSATE DRAIN TO TRENCH DRAIN, SEE PLUMBING SHEETS FOR EXACT LOCATION.

BUILDING B

INSTALL CLEANOUT ON EXISTING PIPE STUB
RIM: 73.45
EXISTING INV: 64.15

EXISTING 4" PRIVATE SEWER

FFE = 73.50

EXISTING 8" PRIVATE SEWER

EXISTING 6" PVC PRIVATE SEWER

LOCATE EXISTING 4" PRIVATE WATER STUB AND INSTALL 3" METER AND ISOLATION BALL VALVE. SEE PLUMBING SHEETS FOR CONNECTION TO BUILDING.

FFE = 74.00

ROOF DRAIN (TYP.)

EXISTING 4" PRIVATE SEWER

INSTALL CLEANOUT ON EXISTING PIPE STUB
RIM: 73.36
EXISTING INV: 67.94

INSTALL CLEANOUT ON EXISTING PIPE STUB
RIM: 73.41
EXISTING INV: 66.1

PROPOSED FUEL PIPING. CONTRACTOR SHALL SAWCUT EXISTING ASPHALT PAVEMENT 10'

EXISTING 6" PVC

EXISTING 8" PVC

MATCHLINE, SEE SHEET C802

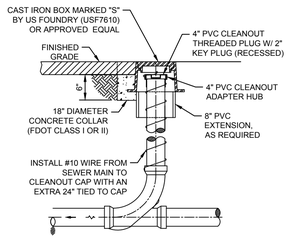
CALL 2 WORKING DAYS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

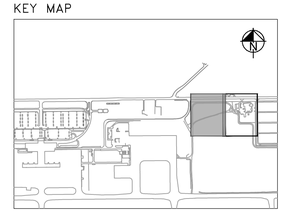
UTILITY NOTES:

1. UTILITY CONSTRUCTION SHALL CONFORM TO THE CITY OF TALLAHASSEE STANDARD SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF WATER AND WASTEWATER FACILITIES, LATEST EDITION. REFER TO PLAN FOR CLEANOUT ELEVATIONS AND DEPTHS.
2. DEPTH OF FIRE MAIN PIPING: 36" MINIMUM UNDER DRIVING SURFACES, 30" MINIMUM UNDER NON-DRIVING SURFACES. FIRE MAIN PIPING SHALL NOT BE COVERED UNTIL INSPECTED BY THE CITY OF TALLAHASSEE FIRE DEPARTMENT. FIRE HYDRANTS SHALL BE A MINIMUM OF 24" ABOVE GRADE MEASURED TO THE CENTER OF THE STEAMER NOZZLE. STEAMER NOZZLE TO FACE ROADWAY OR NEAREST POINT OF FIRE DEPARTMENT APPARATUS ACCESSIBILITY WHEN PLACED IN SERVICE. DEPTH OF WATER MAIN: 36" MINIMUM.
3. A MINIMUM OF 36" OF CLEAR SPACE SHALL BE MAINTAINED TO PERMIT ACCESS TO (AND OPERATION OF) FIRE PROTECTION EQUIPMENT, FIRE DEPARTMENT INLET CONNECTIONS, AND/OR FIRE PROTECTION SYSTEM CONTROL VALVES.
4. A CLEAR SPACE OF NOT LESS THAN 60" (1524 MM) SHALL BE PROVIDED IN FRONT OF EACH HYDRANT CONNECTION HAVING A DIAMETER GREATER THAN 2-1/2" (64 MM).
5. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR EXACT CONNECTIONS TO BUILDINGS.
6. ALL CLEANOUTS IN TRAFFIC AREAS SHALL MEET H-20 TRAFFIC LOADING REQUIREMENT.
7. ALL CLEANOUTS IN PEDESTRIAN AREAS SHALL HAVE ADA-COMPLIANT CAPS INSTALLED.
8. WATER METERS SHALL NOT BE LOCATED IN TRAFFIC AREAS. WATER METERS WITHIN PAVEMENT ADJACENT TO BUILDINGS AND HYDRANTS OUTSIDE VEHICLE WHEEL PATHS SHALL MEET H-20 TRAFFIC LOADING REQUIREMENT.
9. WATER METERS SHALL BE 30" MINIMUM FROM BUILDINGS AND SHALL HAVE 18" CLEARANCE MINIMUM FROM CENTER TO CENTER.
10. ALL WATER SERVICE LINES SHALL BE HDPE UP TO THE METER ASSEMBLY. SEE PLANS FOR WATER SERVICE MATERIAL AFTER METER ASSEMBLY.
11. SANITARY LINE CLEANOUTS SHALL BE ADDED AT EACH SERVICE CONNECTION WITHIN 2' OF THE PROPERTY LINE.
12. PROVIDE AN ISOLATION BALL VALVE PRIOR TO EACH METER PER CITY SPECIFICATIONS.
13. ALL PROPOSED HYDRANTS SHALL BE A MAXIMUM OF 12' FROM THE PROPOSED EDGE OF PAVEMENT.
14. HORIZONTAL SEPARATION BETWEEN WATER MAIN AND STORM SEWER SHALL BE A MIN. OF 3'.
15. HORIZONTAL SEPARATION BETWEEN WATER MAIN AND SANITARY SEWER SHALL BE A MIN. OF 6'.
16. ALL PROPOSED SEWER SERVICES SHALL WYE IN TO THE PROPOSED SEWER MAIN.
17. ALL COSTS ASSOCIATED WITH THE RELOCATION OR MODIFICATION OF EXISTING ELECTRICAL FACILITIES WILL BE BORNE BY THE OWNER INCLUDING, BUT NOT LIMITED TO, THE HOLDING OF ELECTRIC POLES FOR UTILITY INSTALLATION.
18. ALL PROPOSED WATER AND SEWER IS PRIVATE
19. REFER TO MEP PLANS FOR BUILDING CONNECTIONS. CAST IRON BOX AND COVER SHALL BE INSTALLED ON EXISTING CLEANOUT STUB UP PER DETAIL 1, THIS SHEET. NEW CLEANOUTS SHALL BE INSTALLED PER DETAIL 1, THIS SHEET.



SANITARY SEWER CLEANOUT
N.T.S.

KEY MAP



No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	CAC

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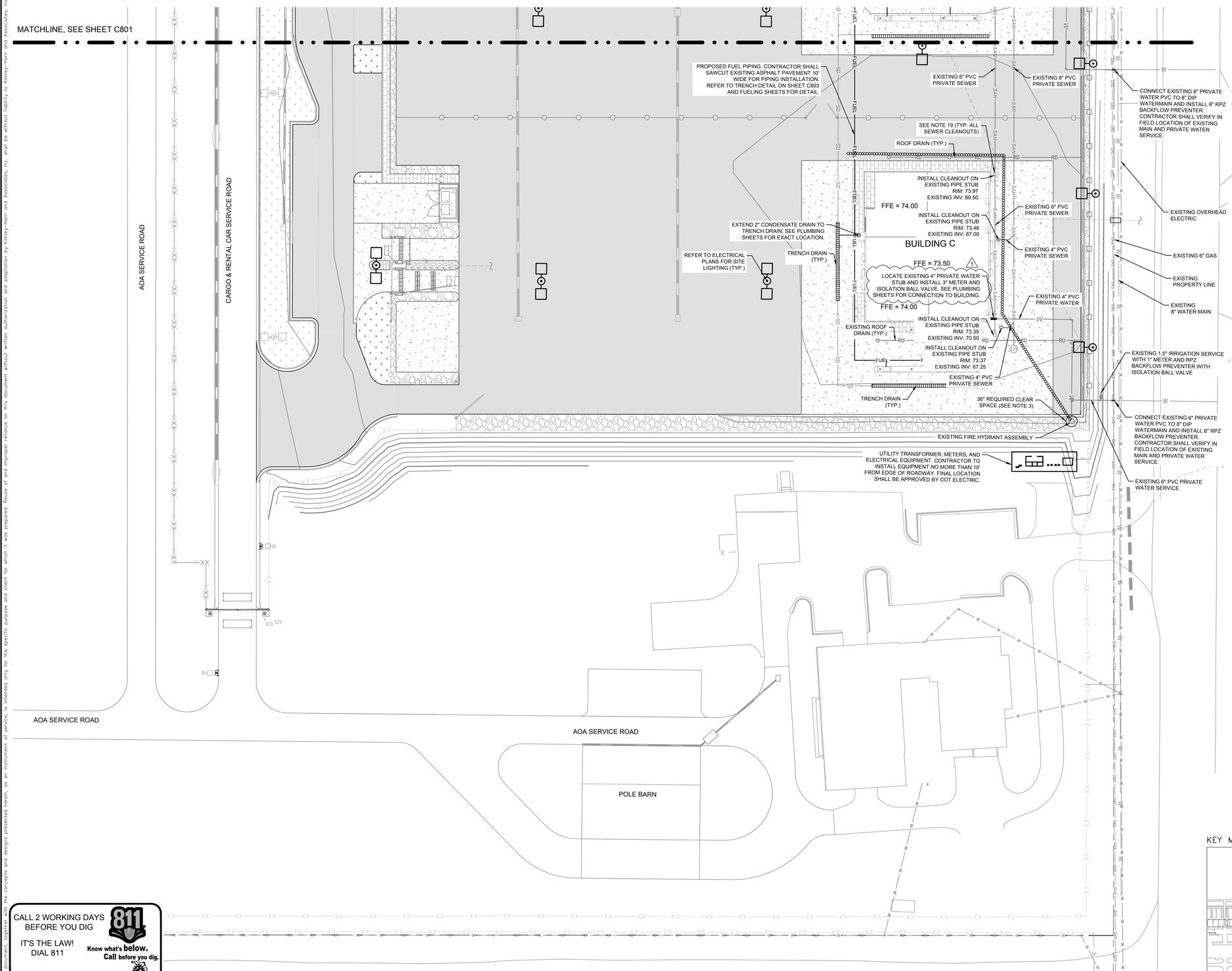
LICENSED PROFESSIONAL
CONNOR A. CHAMBLISS
FLORIDA LICENSE NUMBER 88587
DATE: ——

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

UTILITY PLAN

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

SHEET NUMBER
C801



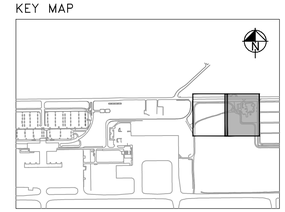
NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

UTILITY NOTES:

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4. A CLEAR SPACE OF NOT LESS THAN 60" (1524 MM) SHALL BE PROVIDED IN FRONT OF EACH HYDRANT CONNECTION HAVING A DIAMETER GREATER THAN 2-1/2" (64 MM).
5. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR EXACT CONNECTIONS TO BUILDINGS.
6. ALL CLEANOUTS IN TRAFFIC AREAS SHALL MEET H-20 TRAFFIC LOADING REQUIREMENT.
7. ALL CLEANOUTS IN PEDESTRIAN AREAS SHALL HAVE ADA-COMPLIANT CAPS INSTALLED.
8. WATER METERS SHALL NOT BE LOCATED IN TRAFFIC AREAS. WATER METERS WITHIN PAVEMENT ADJACENT TO BUILDINGS AND HYDRANTS OUTSIDE VEHICLE WHEEL PATHS SHALL MEET H-20 TRAFFIC LOADING REQUIREMENT.
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12. PROVIDE AN ISOLATION BALL VALVE PRIOR TO EACH METER PER CITY SPECIFICATIONS.
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18. ALL PROPOSED WATER AND SEWER IS PRIVATE.
19. REFER TO MEP PLANS FOR BUILDING CONNECTIONS. CAST IRON BOX AND COVER SHALL BE INSTALLED ON EXISTING CLEAN OUT STUB UP PER DETAIL 1, SHEET C801. NEW CLEAN OUTS SHALL BE INSTALLED PER DETAIL 1, SHEET C801.

KEY MAP



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

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	CAC

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CONNOR A. CHAMBLISS
FLORIDA LICENSE NUMBER
88587
DATE:

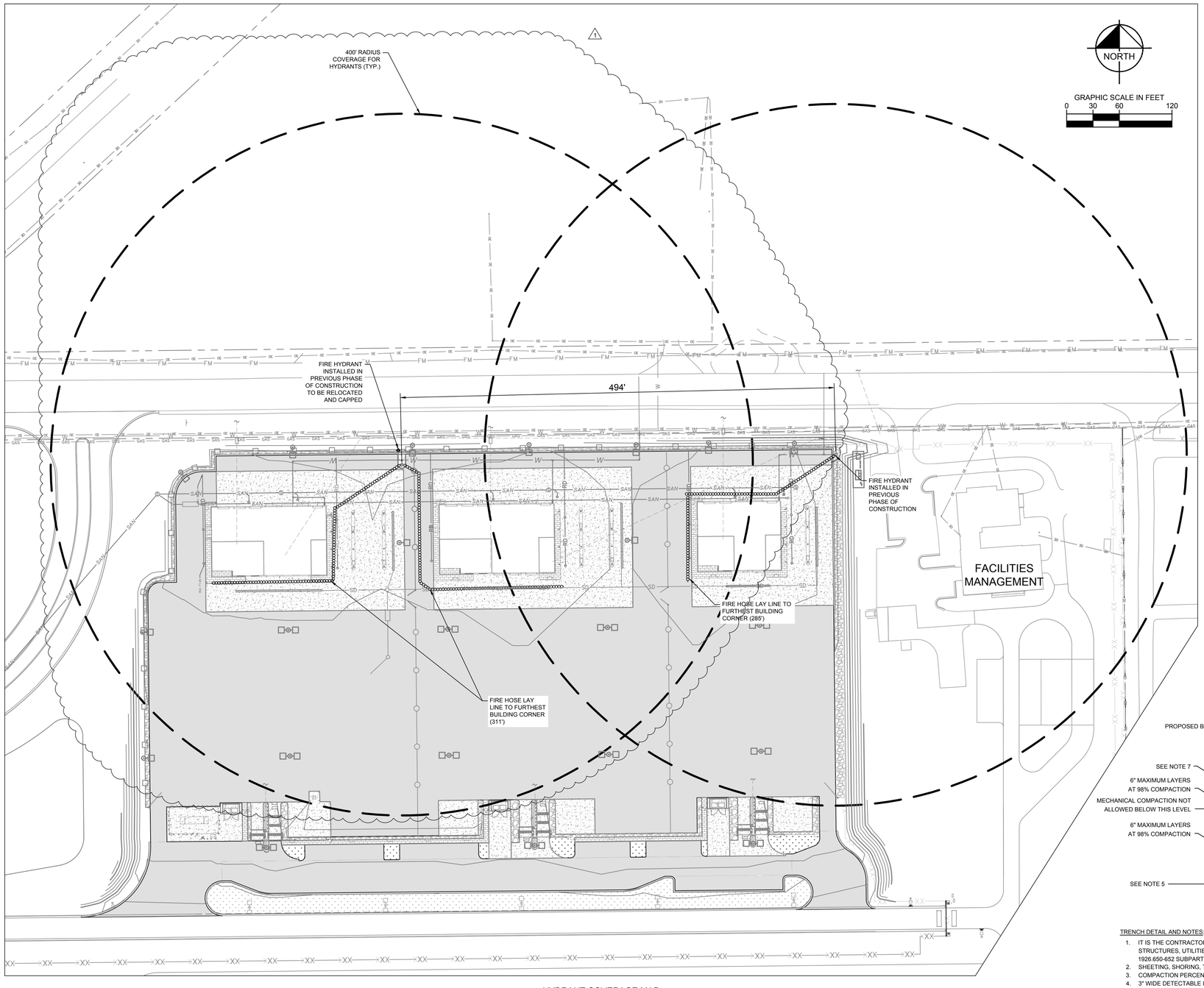
KHA PROJECT	144124117
DATE	JAN 2025
SCALE	AS SHOWN
DESIGNED BY	SHB
DRAWN BY	TLB
CHECKED BY	CAC

UTILITY PLAN

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

SHEET NUMBER
C802

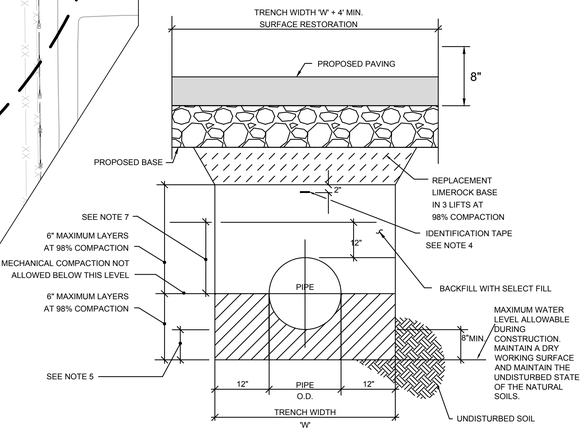
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HYDRANT COVERAGE MAP

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11. SANITARY LINE CLEANOUTS SHALL BE ADDED AT EACH SERVICE CONNECTION WITHIN 2' OF THE PROPERTY LINE.
12. PROVIDE AN ISOLATION BALL VALVE PRIOR TO EACH METER PER CITY SPECIFICATIONS.
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17. ALL COSTS ASSOCIATED WITH THE RELOCATION OR MODIFICATION OF EXISTING ELECTRICAL FACILITIES WILL BE BORNE BY THE OWNER INCLUDING, BUT NOT LIMITED TO, THE HOLDING OF ELECTRIC POLES FOR UTILITY INSTALLATION.
18. ALL PROPOSED WATER AND SEWER IS PRIVATE.



TRENCH DETAIL AND NOTES:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT EXCAVATIONS DO NOT ENDANGER WORKERS, EXISTING STRUCTURES, UTILITIES, OR OTHER FACILITIES. COMPLY WITH OSHA'S EXCAVATION SAFETY STANDARDS 29, CFR PART 1926.650-652 SUBPART P.
2. SHEETING, SHORING, TRENCH BOXES, ETC. WILL BE REQUIRED AS DETERMINED IN THE FIELD, BY CONTRACTOR.
3. COMPACTION PERCENTAGES SHOWN REFER TO MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557).
4. 3" WIDE DETECTABLE IDENTIFICATION/WARNING TAPE OVER CENTER OF PIPE AS SHOWN AND SPECIFIED.
5. FOR MORE INFORMATION ON EXCAVATION, BACKFILL, AND COMPACTION, REFER TO THE TECHNICAL SPECIFICATIONS.
6. VERIFY THAT THERE ARE NO SHARP OR DELETERIOUS OBJECTS THAT MAY DAMAGE THE PIPE FOR A MINIMUM DEPTH OF 8-INCHES BELOW THE BOTTOM OF THE PIPE BARREL FOR THE FULL WIDTH OF THE TRENCH. COMPACT THE MATERIAL BELOW THE BOTTOM OF THE PIPE BARREL TO 98 PERCENT DENSITY FOR A MINIMUM DEPTH OF 8-INCHES FOR THE FULL WIDTH OF THE TRENCH. IF THE MATERIAL AT THE BOTTOM OF THE TRENCH IS DETERMINED TO BE UNSUITABLE BY THE ENGINEER, EXCAVATE TO THE DEPTH NECESSARY TO OBTAIN A SUITABLE FOUNDATION AND REPLACE THE UNSUITABLE MATERIAL WITH SUITABLE MATERIAL PER THE SPECIFICATIONS.
7. COMPACT WITH HAND OPERATED COMPACTING EQUIPMENT ONLY.

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

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TALLAHASSEE, FL 32308 PHONE: 850-553-3500
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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 KDH
DRAWN BY MAC
CHECKED BY CAC

PROFILE AND COVERAGE

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

SHEET NUMBER
C803

Plotted By:Kinnon, Adam Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:C803 PROFILE AND COVERAGE April 18, 2025 08:37:30am K:\TAL_Aviation\1_Engr\144124-TLH039-Rental Car QTA\Design\CADD\PlanSheets\QTA\C800 UTILITY PLAN.dwg
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EXISTING AIRFIELD SECURITY FENCE

EXISTING CARGO & RENTAL CAR SERVICE ROAD

BUILDING A

BUILDING B

TYP. 9'-6" SEE NOTE 1.

TYP. 8'-6" SEE NOTE 1.

60" CLEAR SPACE SHALL BE PROVIDED IN FRONT OF EACH HYDRANT CONNECTION. 36" CLEAR SPACE SHALL BE PROVIDED AROUND FIRE HYDRANT.

MATCHLINE, SEE SHEET L003

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

NOTE:
1. SHRUBS AND TREES SHALL NOT BE PLANTED CLOSER THAN THREE FEET FROM EDGE OF ANY IMPERVIOUS AREA.

KEY MAP

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

Plotted By:Kinnon, Adam Sheet Set:TLH QUICK-TURNAROUND FACILITY Layout:L002 PLANTING PLAN April 18, 2025 01:43:15pm K:\TAL_Aviation\1_Engr\144124-TLH\059-Rental Car QTA\Design\CADD\PlanSheets\QTAIL001 LANDSCAPE PLAN.dwg
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No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	CAC

Kimley»Horn

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2619 CENTENNIAL BOULEVARD, SUITE 200
TALLAHASSEE, FL 32308 PHONE: 850-553-3500
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LICENSED PROFESSIONAL

KHA PROJECT 144124117
DATE JAN 2025
SCALE AS SHOWN
DESIGNED BY —
DRAWN BY —
CHECKED BY —
DATE:

PLANTING PLAN

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

SHEET NUMBER
L002

MATCHLINE, SEE SHEET L002

EXISTING CARGO & RENTAL CAR SERVICE ROAD

PA 299 sf

PA 107 sf

PA 15,287 sf

PA 998 sf

PA 20,678 sf

BUILDING C

TYP. 8'-6" SEE NOTE 1.

60" CLEAR SPACE SHALL BE PROVIDED IN FRONT OF EACH HYDRANT CONNECTION. 36" CLEAR SPACE SHALL BE PROVIDED AROUND FIRE HYDRANT.

EXISTING ASPHALT

EXISTING CONCRETE

FACILITIES MANAGEMENT 1-STORY BUILDING

ASPHALT SERVICE ROAD

EXISTING 2-SIDED METAL BUILDING

EXISTING AIRFIELD SECURITY FENCE

EXISTING SOUTHSIDE CEMETERY FENCE

IA 6

AP 6

OF 6

AP 5

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

NOTE:
1. SHRUBS AND TREES SHALL NOT BE PLANTED CLOSER THAN THREE FEET FROM EDGE OF ANY IMPERVIOUS AREA.

KEY MAP

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PLANTING PLAN

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

SHEET NUMBER
L003

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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

CBG-1 **FIREPROOFING PRIMER / SEALER**
- LOCATION: CAR WASH BAYS
- 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.

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: AT JANITORS CLOSET MOP SINK, TILE TO BE INSTALLED TO 4'-0"H AFF. TILE TO EXTEND BEYOND MOP SINK BY 1'-0". TILE TO BE INSTALLED WITH APPROPRIATE BULLNOSE AND TRIM TILE 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
- MANUFACTURER: STONHARD
- COLOR/STYLE: STONTEC ERF - WHITE PLATINUM, SMALL FLAKES
- REMARKS: 4" 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

EP-1 **EPOXY QUARTZ**
- LOCATION: RESTROOMS & JANITORS
- MANUFACTURER: STONHARD
- COLOR/STYLE: STONTEC ERF - WHITE PLATINUM, SMALL FLAKES
- REMARKS: 4" INTEGRAL BASE

QF-1 **QUARTZ**
- LOCATION: ADMIN AREAS
- MANUFACTURER: KAHRS
- COLOR/STYLE: QUARTZ MOSAIC - 8314 - QUARTZ THUNDER

SC-1 **SEALED CONCRETE**
- LOCATION: STORAGE AREAS, ELEC ROOM, & CAR WASH EQUIPMENT ROOM, CAR WASH BAYS
- MANUFACTURER: EUCLID CHEMICAL
- COLOR/STYLE: EUCO DIAMOND HARD

SC-2 **COLOR BROADCAST SEALEDCONCRETE**
- LOCATION: SHARED BREAKROOM
- MANUFACTURER: SURECRETE
- COLOR/STYLE: TBD/SURE CAST
- REMARKS: SEAL WITH EUCLID CHEMICAL EUCO DIAMOND HARD

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'

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" 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" A.F.F. (RE: ELEVATIONS)
106	JAN	EP-1	EPB-1	--	CWT-2, PT-1	CWT-2, PT-1	PT-1	PT-1	9' - 0"	ACT-1	CWT-2 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-1	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-1	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.
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" 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" 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" A.F.F. (RE: ELEVATIONS)
206	JAN	EP-1	EPB-1	--	CWT-2, PT-1	CWT-2, PT-1	PT-1	PT-1	9' - 0"	ACT-1	CWT-2 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-1	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-1	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.
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	--	CWT-1, PT-1	CWT-1, PT-1	PT-1	PT-1	9' - 0"	ACT-1	CWT-2 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" 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-1	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-1	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.
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" A.F.F. (RE: ELEVATIONS)
320	FUELING CANOPY	--	--	--	--	--	--	--	--	--	

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No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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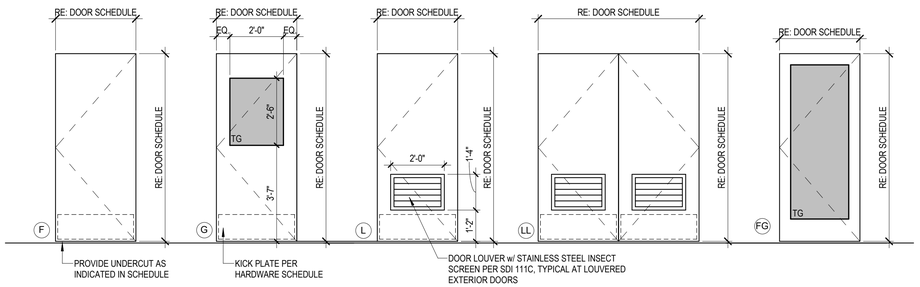
PROJECT NUMBER	DESIGNED BY	DRAWN BY	CHECKED BY
R1003144.00	PH	KS	JW
DATE 04/25/2025	1/8" = 1'-0"		

FINISH SCHEDULE & FINISH LEGEND

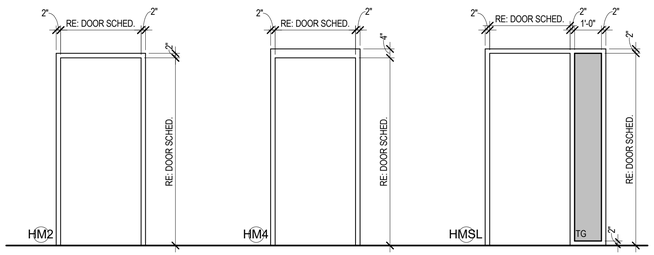
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PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
A020

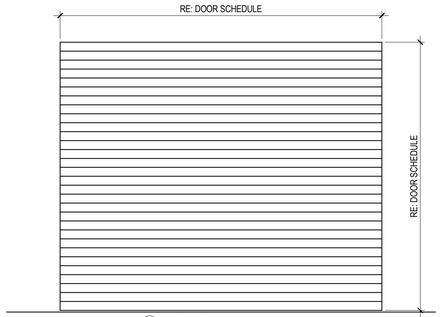
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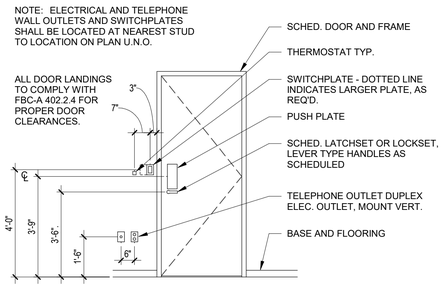
DOOR PANEL TYPES - HOLLOW METAL



DOOR FRAME ELEVATIONS - HOLLOW METAL



DOOR PANEL ELEVATIONS - OVERHEAD



STANDARD MOUNTING HEIGHTS

EXTERIOR DOOR SCHEDULE - STOREFRONT

DOOR NUMBER	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THK	DOOR MAT'L	DOOR FINISH	FRAME TYPE	FRAME MAT'L	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	GENERAL	HARDWARE SET NO.
101	FG	3'-0"	7'-0"		ALUM.	CLEAR ANODIZED		ALUM.	CLEAR ANODIZED	1D / A030	1A & 1B/A030	1C / A030	STOREFRONT ENTRY DOOR, CARD READER	Set 1.0
201	FG	3'-0"	7'-0"		ALUM.	CLEAR ANODIZED		ALUM.	CLEAR ANODIZED	1D / A030	1A & 1B/A030	1C / A030	STOREFRONT ENTRY DOOR, CARD READER	Set 1.0
301	FG	3'-0"	7'-0"		ALUM.	CLEAR ANODIZED		ALUM.	CLEAR ANODIZED	1D / A030	1A & 1B/A030	1C / A030	STOREFRONT ENTRY DOOR, CARD READER	Set 1.0

ALUMINUM FRAMED ENTRANCES AND STOREFRONTS

SF-1
LOCATION: ALUMINUM STOREFRONT
MANUFACTURER: YKK
TYPE: YES 45 TU, FRONT SET
FINISH: YS1N, CLEAR ANODIZED PLUS

EXTERIOR DOOR SCHEDULE - HOLLOW METAL

DOOR NUMBER	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THK	DOOR MAT'L	DOOR FINISH	FRAME TYPE	FRAME MAT'L	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	GENERAL	HARDWARE SET NO.
102	F	3'-0"	7'-0"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	CARD READER	Set 4.0
110	F	3'-0"	7'-0"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	CARD READER	Set 4.0
111	G	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 5.0
112	F	3'-8"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	45 MIN / PANIC HARDWARE / CARD READER	Set 3.0
113	LL	6'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 2.0
114	L	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 5.0
115	L	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 6.0
202	F	3'-0"	7'-0"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	CARD READER	Set 4.0
210	F	3'-0"	7'-0"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	CARD READER	Set 4.0
211	G	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 5.0
212	F	3'-8"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	45 MIN / PANIC HARDWARE / CARD READER	Set 3.0
213	LL	6'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 2.0
214	L	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 5.0
215	L	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 6.0
302	F	3'-0"	7'-0"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	CARD READER	Set 4.0
308	F	3'-0"	7'-0"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	CARD READER	Set 4.0
309	G	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 5.0
310	F	3'-8"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030	45 MIN / PANIC HARDWARE / CARD READER	Set 3.0
311	LL	6'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 2.0
312	L	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 4.0
313	L	3'-0"	7'-2"	1 3/4"	HM	EPT-3	HM4	HM	EPT-3	6/A030	5/A030	7/A030		Set 6.0

EXTERIOR DOOR SCHEDULE - OVERHEAD

DOOR NUMBER	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THK	DOOR MAT'L	DOOR FINISH	FRAME TYPE	FRAME MAT'L	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	GENERAL	HARDWARE SET NO.
103	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
104	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
105	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
106	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT	DOOR SENSOR	Set 14.0
107	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT	DOOR SENSOR	Set 14.0
108	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT	DOOR SENSOR	Set 14.0
109	OH	10'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
116	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
117	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
118	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
203	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
204	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
205	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
206	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT	DOOR SENSOR	Set 14.0
207	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT	DOOR SENSOR	Set 14.0
208	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT	DOOR SENSOR	Set 14.0
209	OH	10'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
216	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
217	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
218	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
303	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
304	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	5/A030	RE: STRUCT		Set 14.0
305	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT	DOOR SENSOR	Set 14.0
306	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT	DOOR SENSOR	Set 14.0
307	OH	10'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
314	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0
315	OH	12'-0"	10'-0"	3/4"	ALUM.	EPT-4	-	ALUM.	EPT-4	10/A030	9/A030	RE: STRUCT		Set 14.0

INTERIOR DOOR SCHEDULE

DOOR NUMBER	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THK	DOOR MAT'L	DOOR FINISH	FRAME TYPE	FRAME MAT'L	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	GENERAL	HARDWARE SET NO.
100	G	3'-0"	7'-2"	1 3/4"	HM	PT-3	HM4	HM	PT-3					Set 13.0
101A	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HMSL	HM	PT-3					Set 9.0
101B	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HMSL	HM	PT-3					Set 9.0
101C	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HMSL	HM	PT-3					Set 9.0
101D	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3				UNDERCUT	Set 11.0
101E	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3				UNDERCUT	Set 11.0
101F	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3				UNDERCUT	Set 8.0
101G	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3					Set 7.0
1 110A	-	5'-0"	7'-4"	-	-	-	-	-	-	-	-	-	DOOR OPENING	-
200	G	3'-0"	7'-2"	1 3/4"	HM	PT-3	HM4	HM	PT-3					Set 13.0
201A	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HMSL	HM	PT-3					Set 9.0
201B	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HMSL	HM	PT-3					Set 9.0
201C	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HMSL	HM	PT-3					Set 9.0
201D	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3				UNDERCUT	Set 11.0
201E	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3				UNDERCUT	Set 11.0
201F	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3				UNDERCUT	Set 8.0
201G	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3					Set 7.0
210A	-	5'-0"	7'-4"	-	-	-	-	-	-	-	-	-	DOOR OPENING	-
300	G	3'-0"	7'-2"	1 3/4"	HM	PT-3	HM4	HM	PT-3					Set 13.0
301A	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HMSL	HM	PT-3					Set 9.0
301B	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HMSL	HM	PT-3					Set 9.0
301C	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3				UNDERCUT	Set 8.0
301D	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3				UNDERCUT	Set 11.0
301E	F	3'-0"	7'-0"	1 3/4"	HM	PT-3	HM2	HM	PT-3					Set 7.0
308A	-	5'-0"	7'-4"	-	-	-	-	-	-	-	-	-	DOOR OPENING	-

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1	ADDENDUM #4	06/30/25	CR

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FITZGERALD COLLABORATIVE GROUP, LLC
AR99421

LICENSED PROFESSIONAL
ENG/ARCH NAME
FL LICENSE NUMBER
XXXXX

PROJECT NUMBER R1003144.00
DATE JAN 2025
N.T.S.
DESIGNED BY -
DRAWN BY -
CHECKED BY -

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

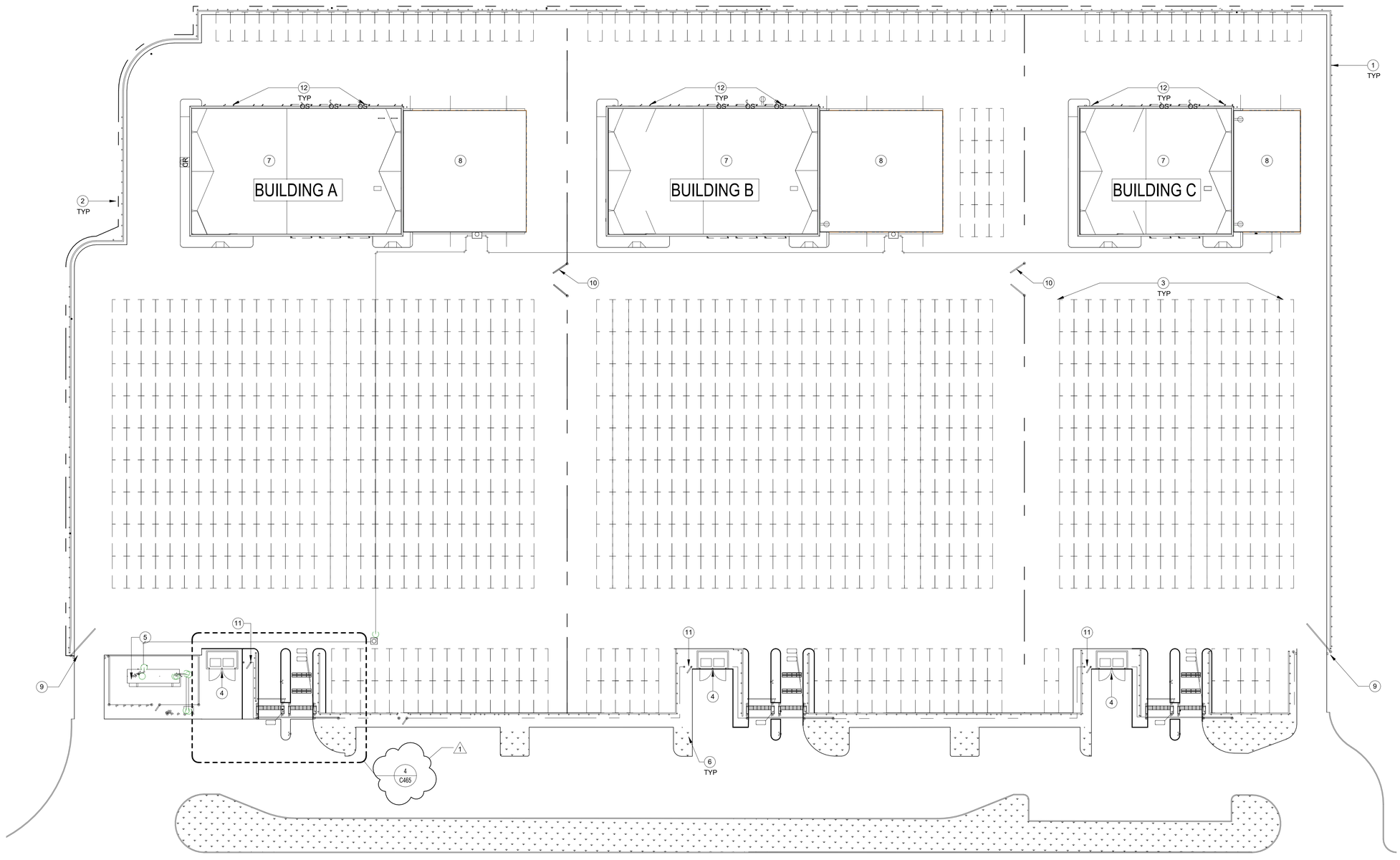
DOOR DETAILS & DOOR SCHEDULE

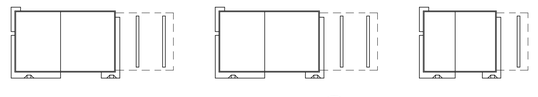
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NOTES:

1. GUARDRAIL - RE: CIVIL DRAWINGS
2. PERIMETER FENCE - RE: CIVIL DRAWINGS
3. PAVEMENT MARKINGS
4. DUMPSTER & DUMPSTER ENCLOSURE
5. ABOVEGROUND STORAGE FUEL TANK - RE: FUELING DRAWINGS
6. CONCRETE CURB - RE: CIVIL DRAWINGS
7. CAR WASH & SUPPORT BUILDING
8. FUEL CANOPY
9. CRASH GATE - RE: CIVIL DRAWINGS
10. INTERNAL SWING GATE - RE: CIVIL DRAWINGS
11. PEDESTRIAN GATE
12. CONCRETE FILLED STEEL BOLLARD - RE: CIVIL DRAWINGS





SITE KEY

1 1/32" = 1'-0" **SITE PLAN**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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PROJECT NUMBER	
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DRAWN BY	KS
CHECKED BY	JW

OVERALL SITE PLAN

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

SHEET NUMBER
A100

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SLAB PLAN GENERAL NOTES:

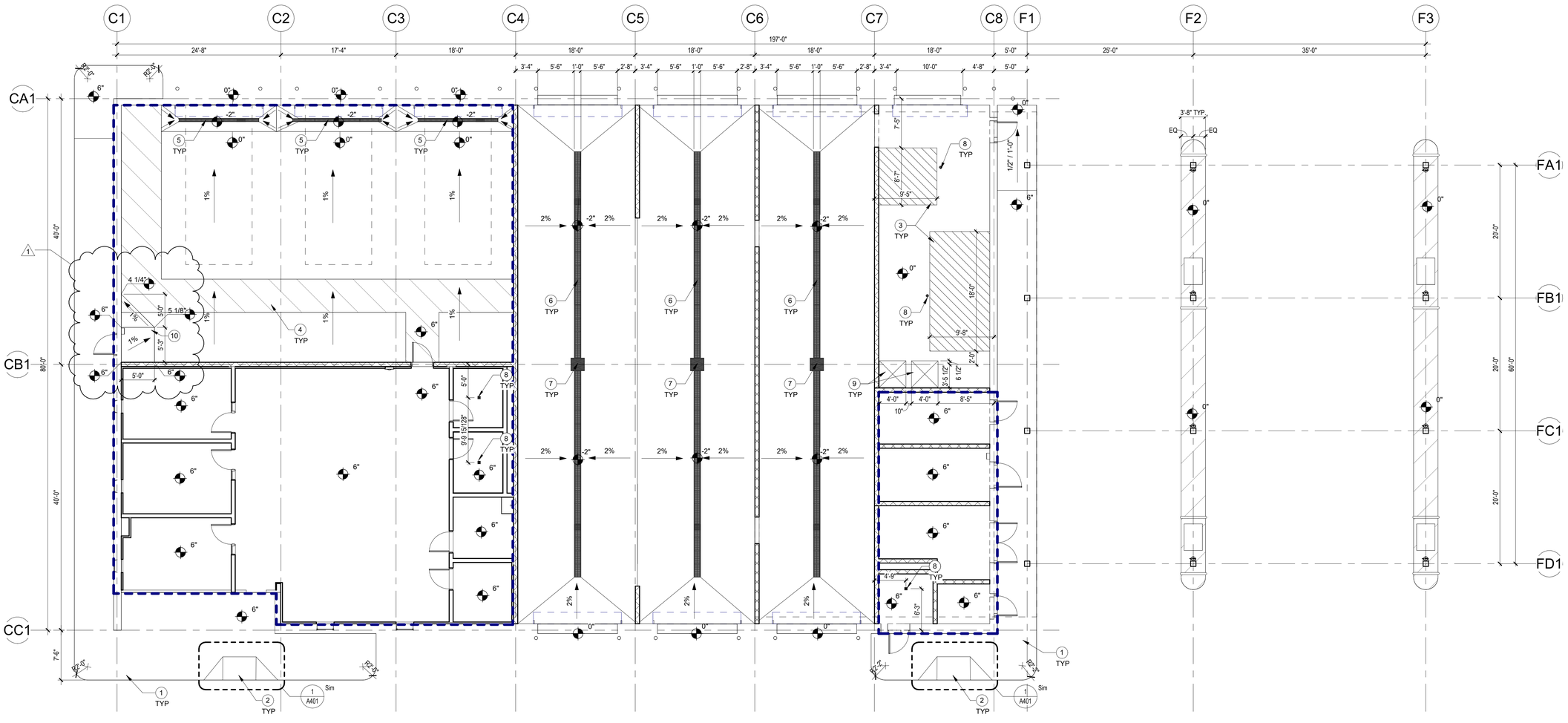
1. REFER TO CIVIL FOR BASIS OF ELEVATION INFORMATION.
2. ALL EXTERIOR SIDEWALKS AND CURBS TO SLOPE AWAY FROM DOOR THRESHOLDS. REFER TO CIVIL FOR EXTERIOR GRADING PLANS.
3. NOT ALL WALLS AND DESIGN COMPONENTS ARE SHOWN IN DRAINAGE PLANS FOR GRAPHIC CLARIFICATION. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION NOT SHOWN.
4. DIMENSIONS TO FLOOR DRAINS ARE TO CENTERLINE (U.N.O.)
5. EQUIPMENT PAD FINAL LOCATIONS TO BE COORDINATE WITH CAR WASH SHOP DRAWINGS AND STRUCTURAL

KEYNOTE LEGEND:

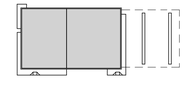
1. 6" CONCRETE CURB - RE: CIVIL
2. ADA ACCESS RAMP - RE: CIVIL
3. EQUIPMENT PAD - RE: STRUCT. AND CAR WASH DRAWINGS
4. SAFETY AISLE (AREA TO REMAIN CLEAR FOR EGRESS PURPOSES)
5. PRE-MANUFACTURED TRENCH DRAIN AT MAINTENANCE BAYS, RE: PLUMBING
6. PRE-MANUFACTURED TRENCH DRAIN AT CAR WASH BAYS, ZURN Z882 BASIS OF DESIGN. (RE: ENLARGED PLANS FOR ADDITIONAL DRAINAGE INFORMATION)
7. PRE-MANUFACTURED CATCH BASIN WITH HEAVY DUTY FRAME AND SEDIMENT BUCKET, ZURN Z887-24-HD BASIS OF DESIGN. (2) Z882 INLET ADAPTERS, (1) EACH SIDE FOR TRENCH TIE-IN.
8. FLOOR DRAIN, RE: PLUMBING
9. RECLAIM PIT, RE: STRUCT.
10. ADA WARPING / SLOPING AT DOOR THRESHOLD; ALL SLOPES TO BE 2% MAX., REFER TO SPOT ELEVATIONS. DOOR THRESHOLD TO REMAIN COMPLIANT.

GRAPHIC LEGEND:

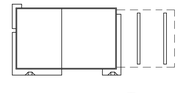
REPRESENTS EXTENTS OF UNDERSLAB VAPOR RETARDER



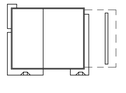
BUILDING A



BUILDING B



BUILDING C



SITE KEY

1 1/8" = 1'-0" **SLAB PLAN - BUILDING A**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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FL LICENSE NUMBER
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PROJECT NUMBER	R10031144.00
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SLAB PLAN - BUILDING A

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

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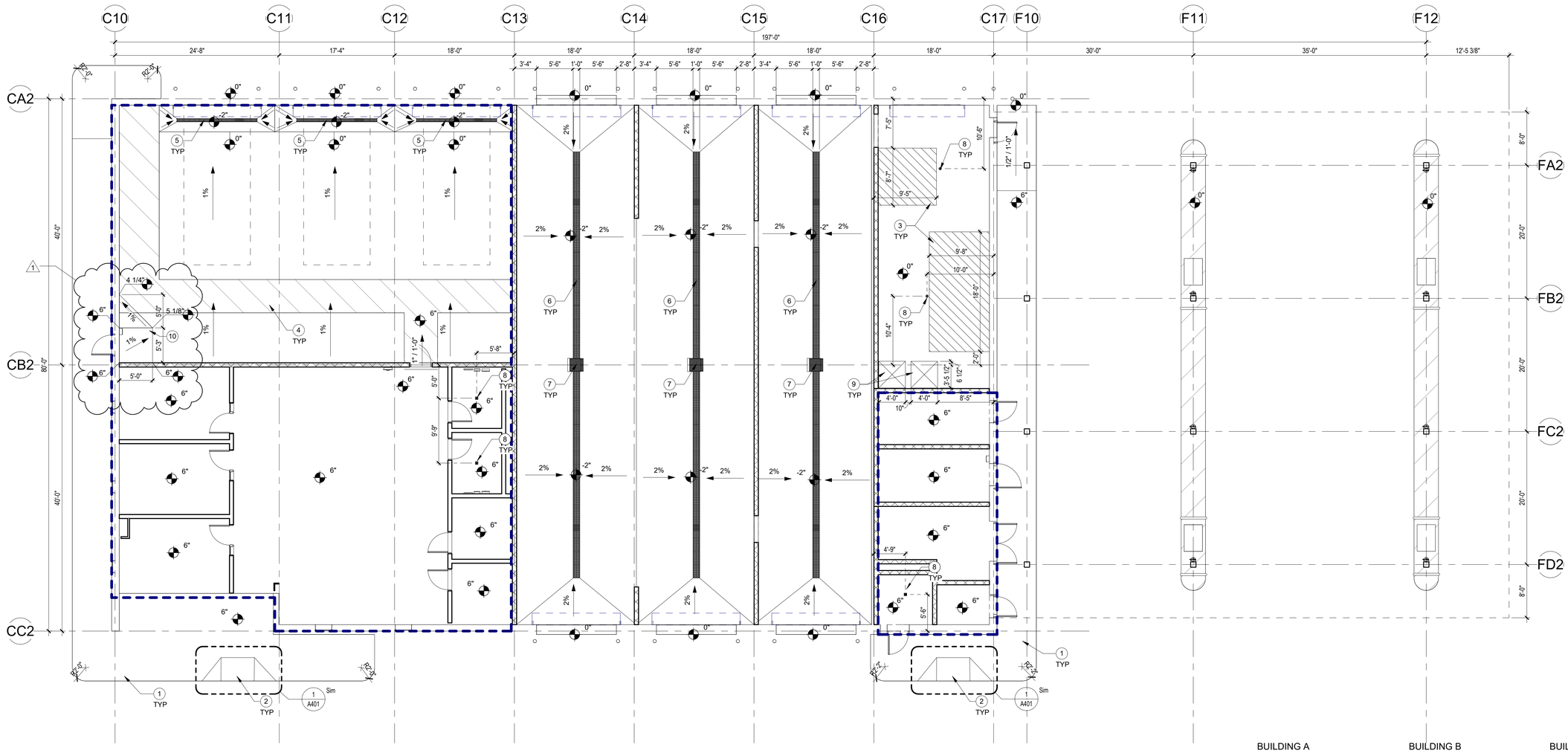
1. REFER TO CIVIL FOR BASIS OF ELEVATION INFORMATION.
2. ALL EXTERIOR SIDEWALKS AND CURBS TO SLOPE AWAY FROM DOOR THRESHOLDS. REFER TO CIVIL FOR EXTERIOR GRADING PLANS.
3. NOT ALL WALLS AND DESIGN COMPONENTS ARE SHOWN IN DRAINAGE PLANS FOR GRAPHIC CLARIFICATION. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION NOT SHOWN.
4. DIMENSIONS TO FLOOR DRAINS ARE TO CENTERLINE (U.N.O.)
5. EQUIPMENT PAD FINAL LOCATIONS TO BE COORDINATE WITH CAR WASH SHOP DRAWINGS AND STRUCTURAL

KEYNOTE LEGEND:

1. 6" CONCRETE CURB - RE: CIVIL
2. ADA ACCESS RAMP - RE: CIVIL
3. EQUIPMENT PAD - RE: STRUCT. AND CAR WASH DRAWINGS
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10. ADA WARPING / SLOPING AT DOOR THRESHOLD; ALL SLOPES TO BE 2% MAX., REFER TO SPOT ELEVATIONS. DOOR THRESHOLD TO REMAIN COMPLIANT.

GRAPHIC LEGEND:

REPRESENTS EXTENTS OF UNDERSLAB VAPOR RETARDER



1 1/8" = 1'-0" **SLAB PLAN - BUILDING B**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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FL LICENSE NUMBER XXXXX

PROJECT NUMBER	R1003144.00
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SLAB PLAN - BUILDING B

QUICK - TURNAROUND FACILITY
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CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
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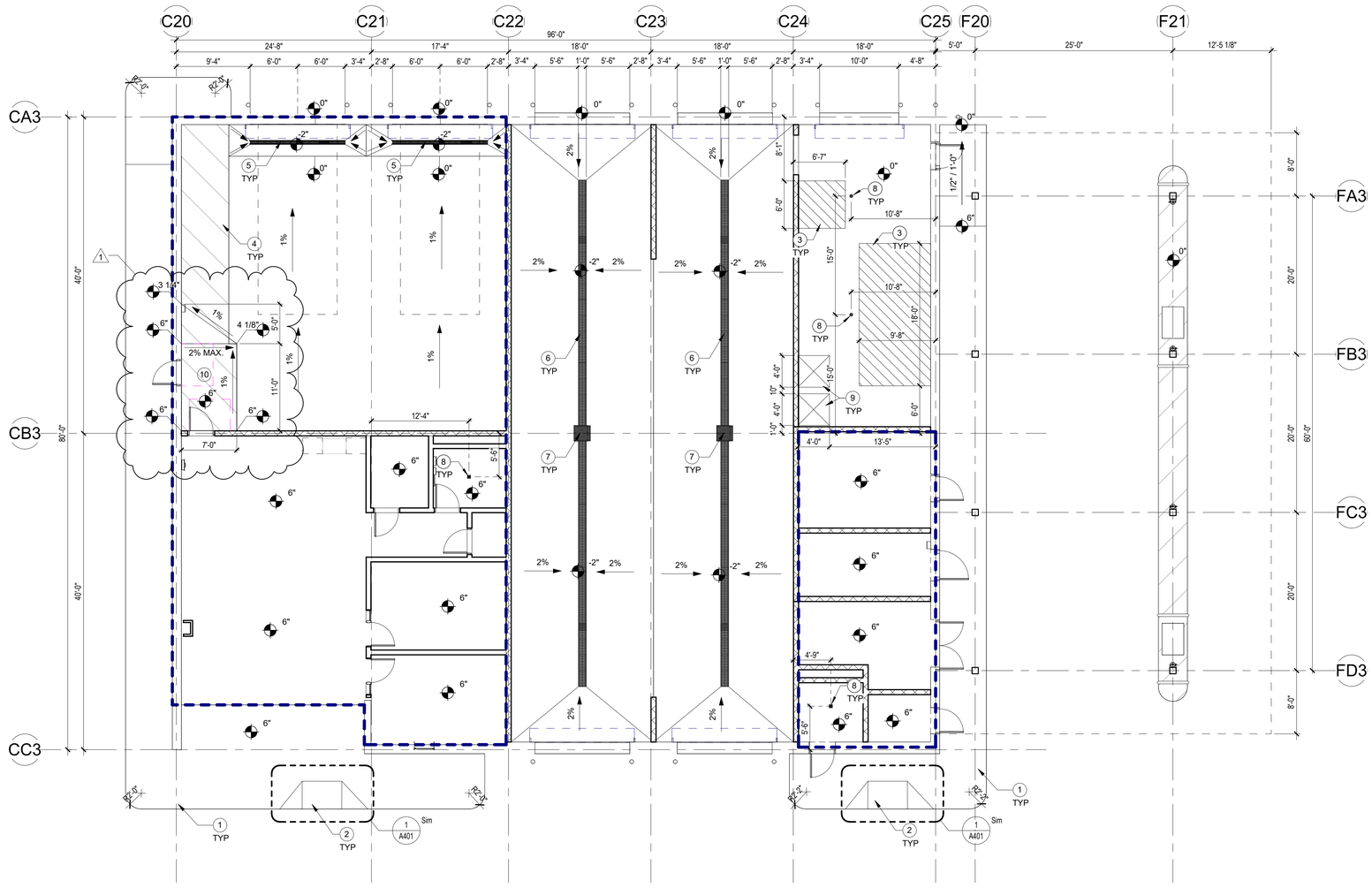
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3. EQUIPMENT PAD - RE: STRUCT. AND CAR WASH DRAWINGS
4. SAFETY AISLE (AREA TO REMAIN CLEAR FOR EGRESS PURPOSES)
5. PRE-MANUFACTURED TRENCH DRAIN AT MAINTENANCE BAYS, RE: PLUMBING
6. PRE-MANUFACTURED TRENCH DRAIN AT CAR WASH BAYS, ZURN Z882 BASIS OF DESIGN. (RE: ENLARGED PLANS FOR ADDITIONAL DRAINAGE INFORMATION)
7. PRE-MANUFACTURED CATCH BASIN WITH HEAVY DUTY FRAME AND SEDIMENT BUCKET, ZURN Z887-24-HD BASIS OF DESIGN. (2) Z882 INLET ADAPTERS, (1) EACH SIDE FOR TRENCH TIE-IN.
8. FLOOR DRAIN, RE: PLUMBING
9. RECLAIM PIT, RE: STRUCT.
10. ADA WARPING / SLOPING AT DOOR THRESHOLD; ALL SLOPES TO BE 2% MAX., REFER TO SPOT ELEVATIONS. DOOR THRESHOLD TO REMAIN COMPLIANT.

GRAPHIC LEGEND:

REPRESENTS EXTENTS OF UNDERSLAB VAPOR RETARDER



1 1/8" = 1'-0" **SLAB PLAN - BUILDING C**

BUILDING A BUILDING B BUILDING C

SITE KEY

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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ENG/ARCH NAME

FL LICENSE NUMBER
XXXXX

PROJECT NUMBER	R1003144.00
DATE	04/25/2025
	As indicated
DESIGNED BY	PH
DRAWN BY	KS
CHECKED BY	JW

SLAB PLAN - BUILDING C

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

SHEET NUMBER
A110C

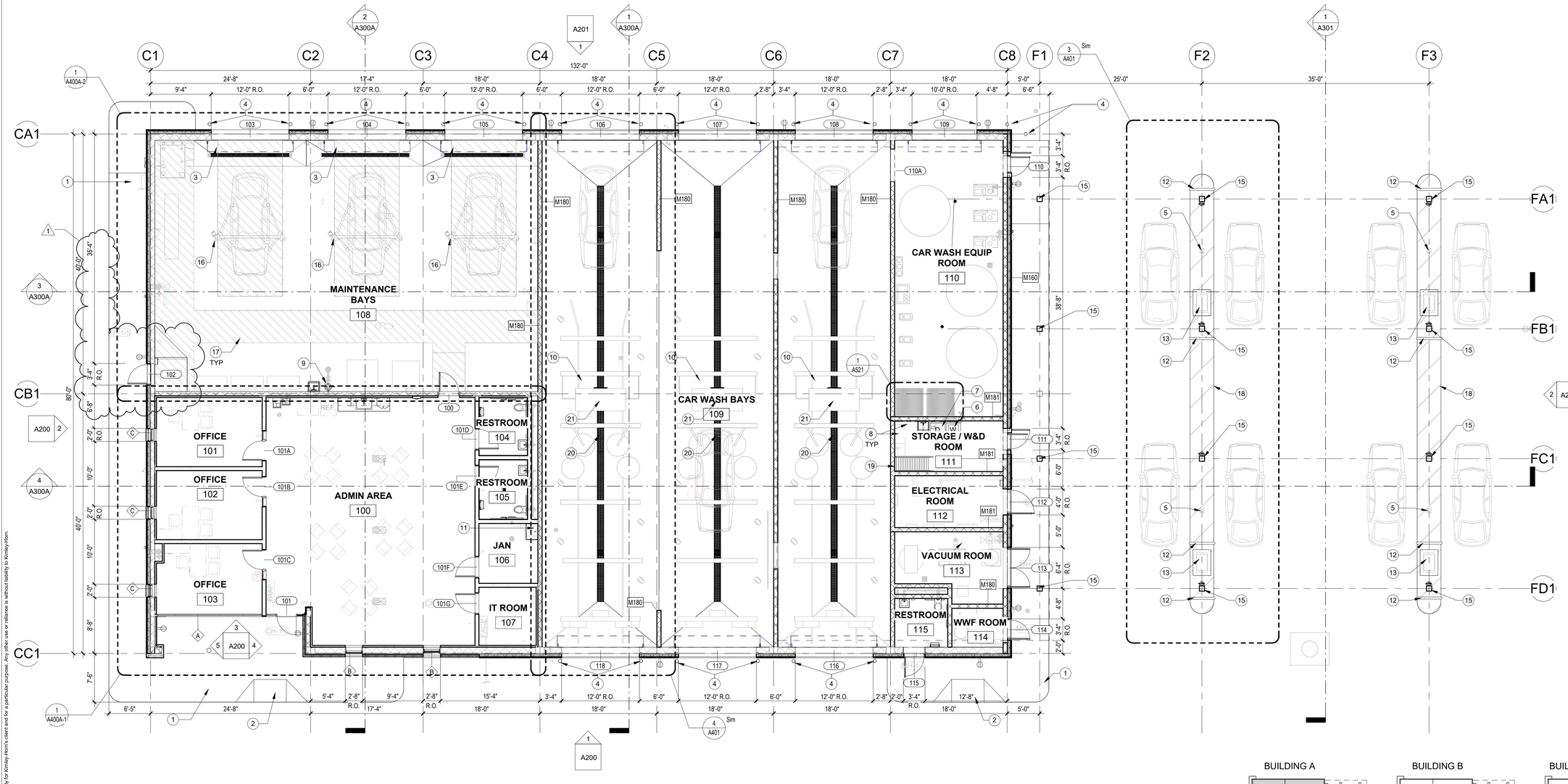
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PLAN GENERAL NOTES:

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7. REFER TO WALL TYPE SCHEDULE FOR ADDITIONAL INFORMATION.
8. ALL SHAFTS PENETRATING SLAB SHALL BE RATED 2HR.
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10. PROVIDE IN-WALL REINFORCEMENT FOR ALL WALL MOUNTED FURNITURE AND EQUIPMENT AS REQUIRED.

KEYNOTE LEGEND:

1. 6" CONCRETE CURB - RE: CIVIL
2. ADA ACCESS RAMP - RE: CIVIL
3. TRENCH DRAIN - RE: PLUMBING
4. 6" CONCRETE FILLED STEEL BOLLARD - RE: CIVIL
5. VACUUM - RE: FUELING
6. INDUSTRIAL WASHER - PROVIDED BY TENANT
7. INDUSTRIAL DRYER - PROVIDED BY TENANT
8. SHELVING - PROVIDED BY TENANT
9. EYE WASH - RE: PLUMBING
10. CARWASH EQUIPMENT - RE: FUELING
11. MOP SINK
12. U-SHAPED BOLLARD - RE: CIVIL
13. FUEL DISPENSER ON CONCRETE CURB - RE: FUEL
14. OVERHEAD CANOPY
15. TUBE STEEL COLUMNS
16. MAINTENANCE BAY LIFTS
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1 1/8" = 1'-0" **FLOOR PLAN - BUILDING A**

BUILDING A BUILDING B BUILDING C

SITE KEY

NO.	DESCRIPTION	DATE	BY
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LICENSED PROFESSIONAL

ENG/ARCH NAME

FL LICENSE NUMBER
XXXXX

PROJECT NUMBER
R1003144.00

DATE
04/25/2025

As indicated

DESIGNED BY PH
DRAWN BY KS
CHECKED BY JW

BUILDING FLOOR PLAN - BUILDING A

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

SHEET NUMBER
A120A

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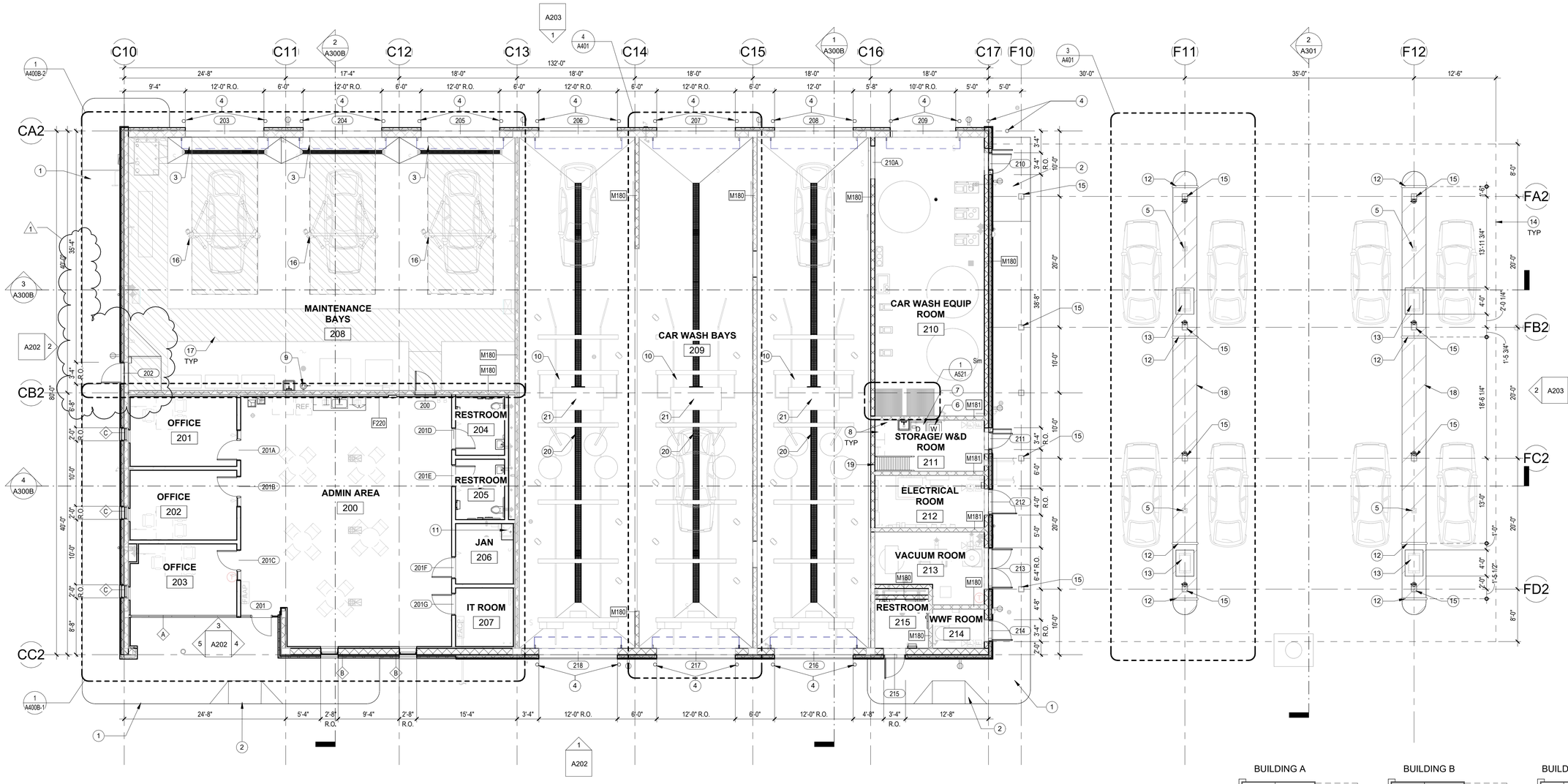
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BUILDING A | BUILDING B | BUILDING C

SITE KEY

1 1/8" = 1'-0" **FLOOR PLAN - BUILDING B**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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FL LICENSE NUMBER XXXXX

PROJECT NUMBER R10003144.00
DATE 04/25/2025
As indicated

DESIGNED BY PH
DRAWN BY KS
CHECKED BY JW

BUILDING FLOOR PLAN - BUILDING B

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

SHEET NUMBER
A120B

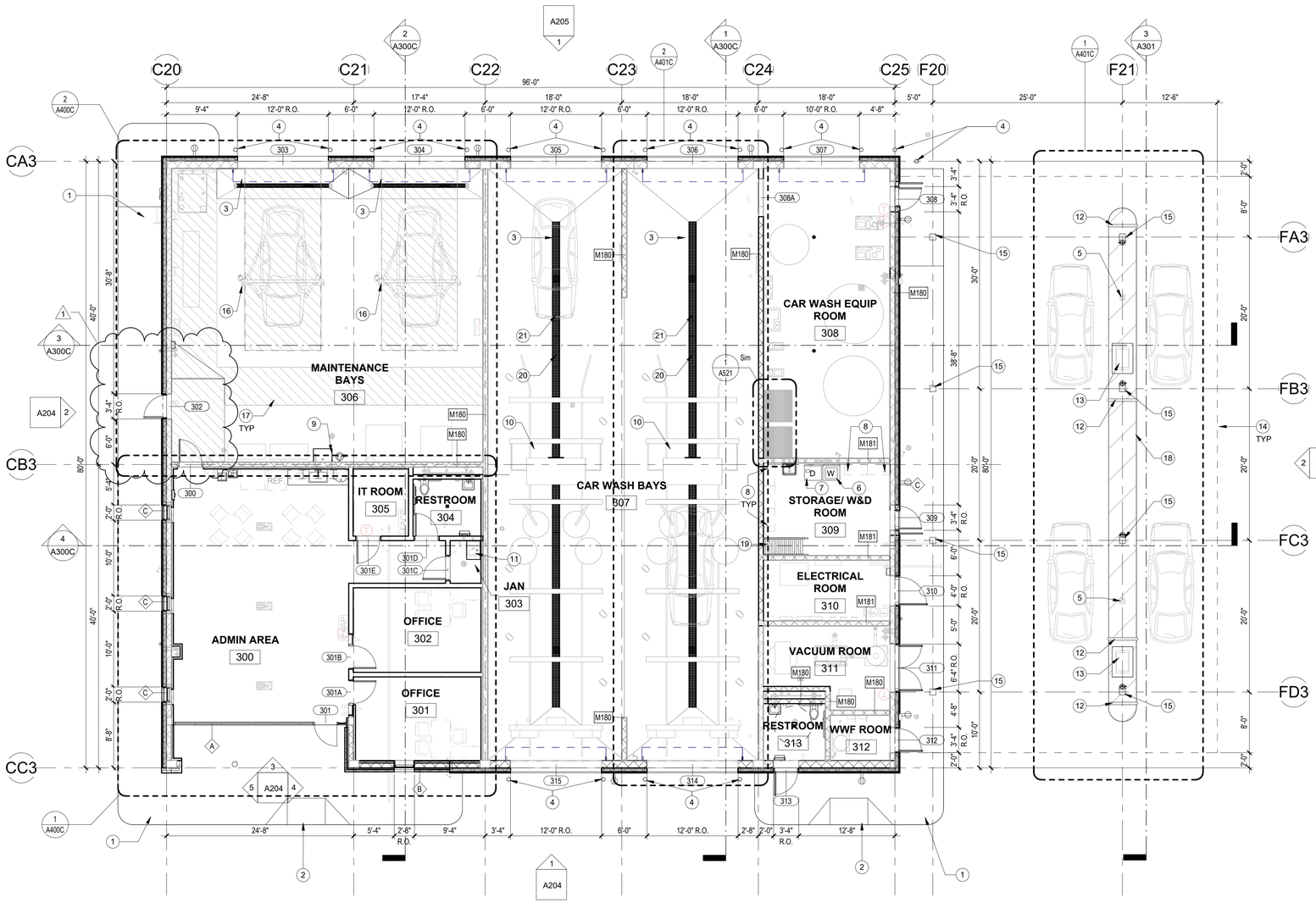
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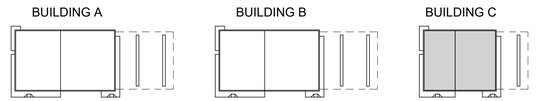
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SITE KEY

1 1/8" = 1'-0" **FLOOR PLAN - BUILDING C**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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LICENSED PROFESSIONAL

ENGARCH NAME

FL LICENSE NUMBER
XXXXX

PROJECT NUMBER
R1003144.00

DATE
04/25/2025

As indicated

DESIGNED BY PH
DRAWN BY KS
CHECKED BY JW

BUILDING FLOOR PLAN - BUILDING C

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

SHEET NUMBER
A120C

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1. RE: FINISH SCHEDULES AND LEGENDS FOR ALL FINISH INFORMATION.
2. ALL PAINT TO BE PT-1 UNLESS NOTED OTHERWISE.
3. ALL FLOOR FINISHES TO BE CENTER WITH ROOM UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS ARE TAKEN FROM FACE OF DRYWALL UNLESS NOTED OTHERWISE.
5. ALIGN FLOOR AND WALL TILES UNLESS NOTED OTHERWISE
6. FLOOR DRAIN LOCATIONS TO BE ALIGNED WITH TILE. LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO BE ADJUSTED. CHROME FINISHED SQUARE FLOOR DRAIN AT PUBLIC AREAS. ADVISE ARCHITECT OF ANY DISCREPANCIES.
7. REFER TO INTERIOR ELEVATIONS FOR WALL FINISH DIMENSIONS AND LOCATIONS
8. CORNER GUARDS TO BE LOCATED AT ALL GYPSUM WALL BOARD OUTSIDE CORNERS.

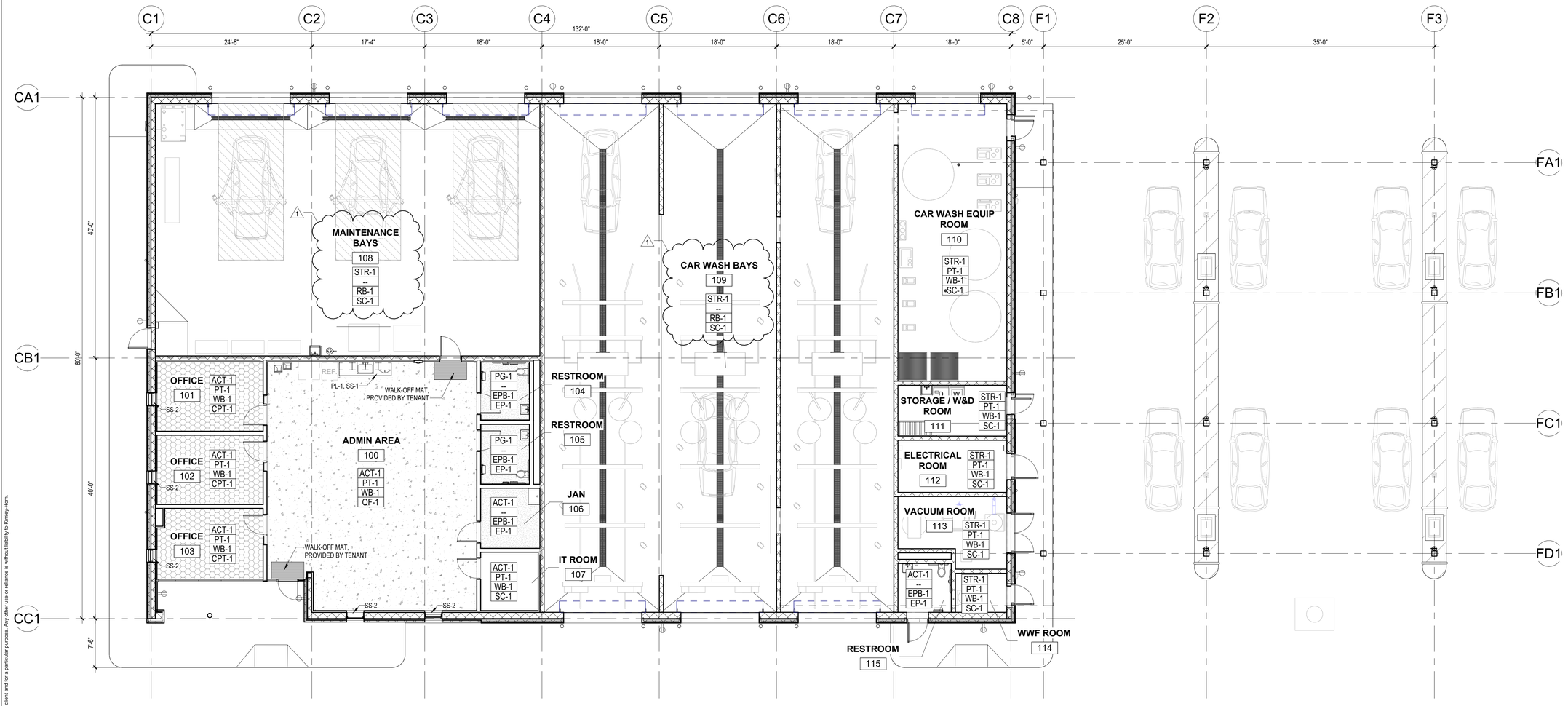
FINISH PLAN LEGEND:

REFER TO FINISH SCHEDULES AND LEGENDS FOR ADDITIONAL INFORMATION

"-" INDICATES MULTIPLE FINISHES; REFER TO FINISH SCHEDULES AND LEGENDS FOR ADDITIONAL INFORMATION

- FIN-4 — CEILING FINISH
- FIN-3 — WALL FINISH
- FIN-2 — BASE FINISH
- FIN-1 — FLOOR FINISH

- FIN-7 — CEILING FINISH
- FIN-5 / FIN-6 / FIN-4 / FIN-3 — WALL FINISHES (N, E, S, W)
- FIN-2 — BASE FINISH
- FIN-1 — FLOOR FINISH



1 1/8" = 1'-0" **FINISH FLOOR PLAN - BUILDING A**

BUILDING A | BUILDING B | BUILDING C

SITE KEY

No.	REVISIONS	DATE	BY
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FL LICENSE NUMBER
XXXXX

PROJECT NUMBER	R1003144.00
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CHECKED BY	JW

FINISH FLOOR PLAN - BUILDING A

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

SHEET NUMBER
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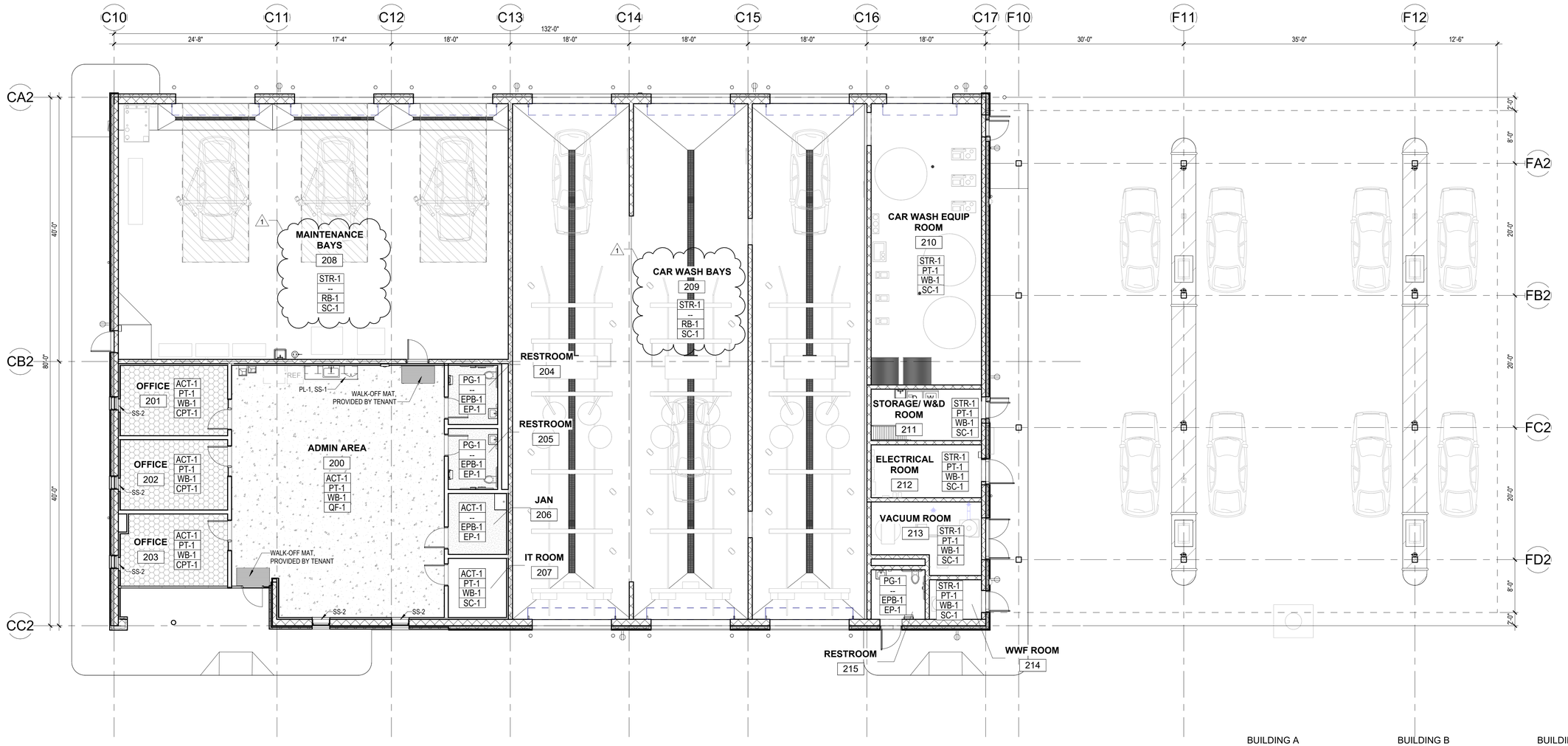
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FINISH PLAN LEGEND:

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FIN-4	CEILING FINISH
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FIN-2	BASE FINISH
FIN-1	FLOOR FINISH

FIN-7	CEILING FINISH
FIN-5 / FIN-6 / FIN-4 / FIN-3	WALL FINISHES (N, E, S, W)
FIN-2	BASE FINISH
FIN-1	FLOOR FINISH



BUILDING A BUILDING B BUILDING C

SITE KEY

1 1/8" = 1'-0" **FINISH FLOOR PLAN - BUILDING B**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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FINISH FLOOR PLAN - BUILDING B

QUICK - TURNAROUND FACILITY
PREPARED FOR
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CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
A130B

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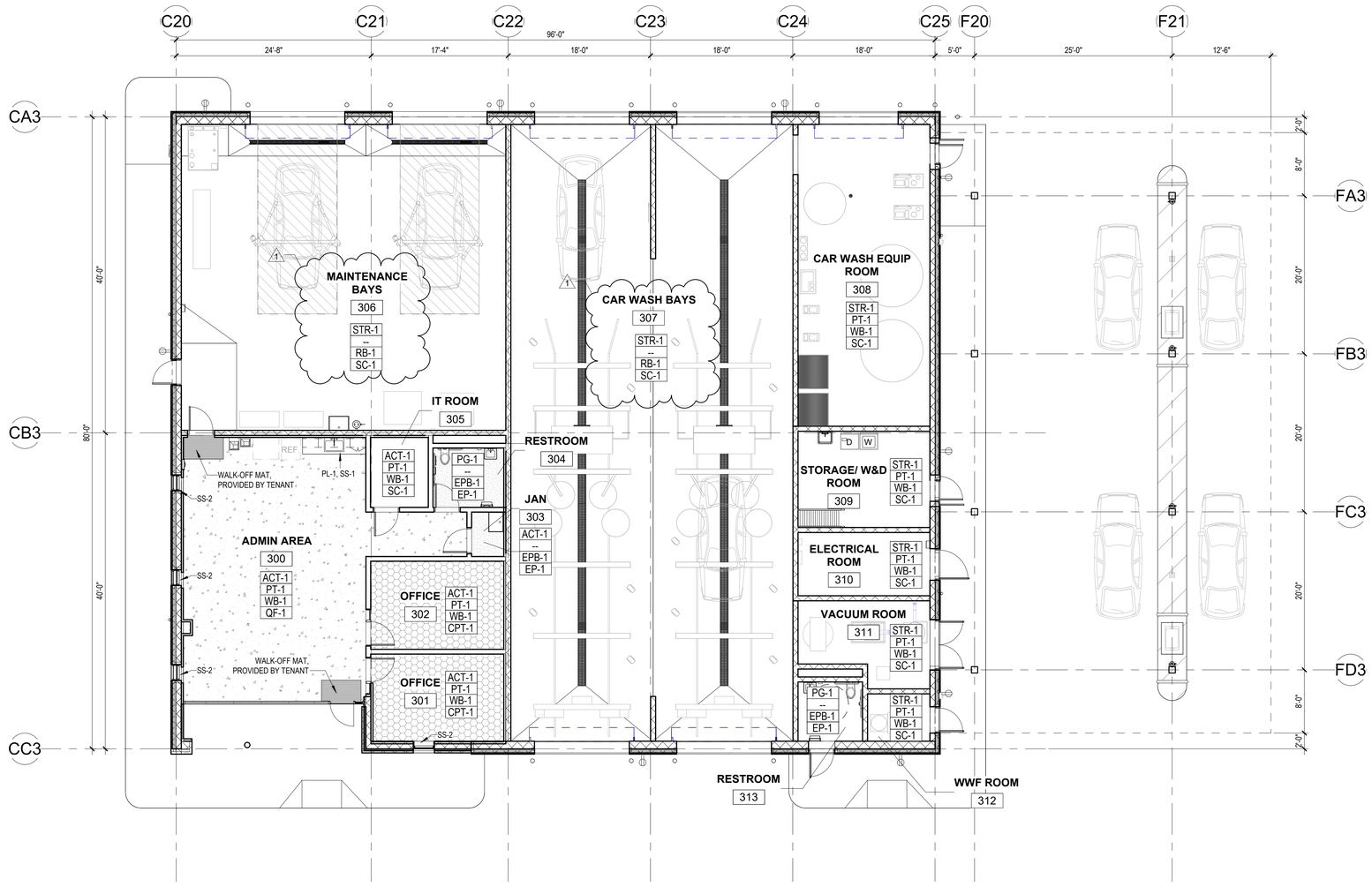
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FIN-3	WALL FINISH
FIN-2	BASE FINISH
FIN-1	FLOOR FINISH



1 1/8" = 1'-0" **FINISH FLOOR PLAN - BUILDING C**

BUILDING A BUILDING B BUILDING C

SITE KEY

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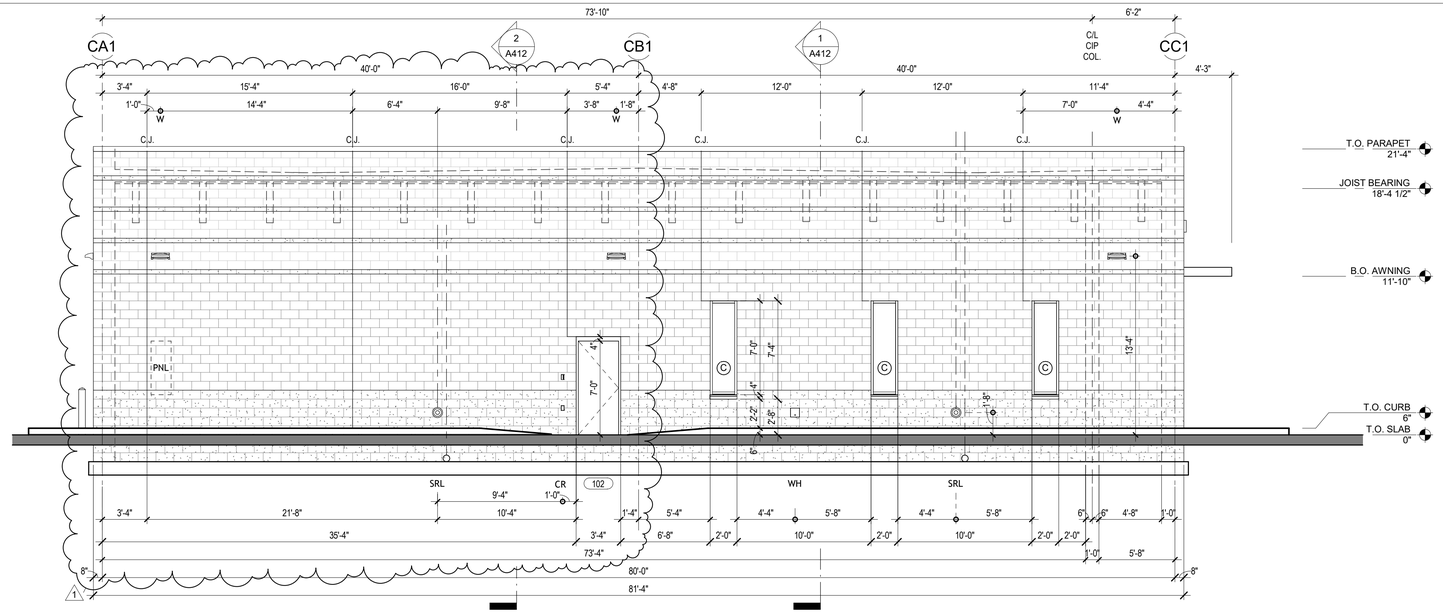
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FINISH FLOOR PLAN - BUILDING C

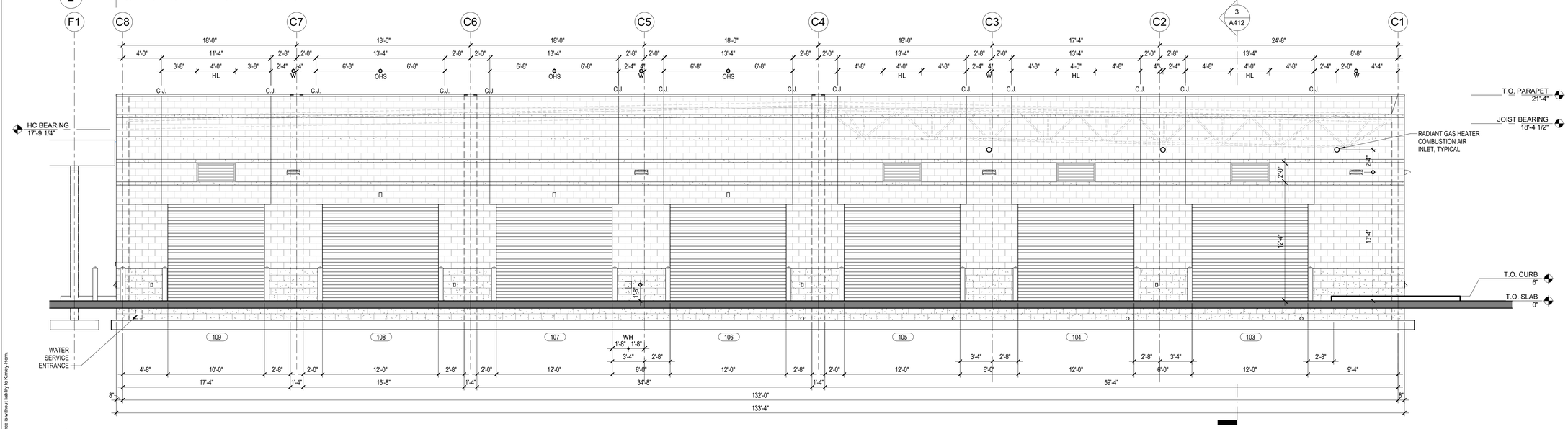
QUICK - TURNAROUND FACILITY
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CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
A130C

4/24/2025 1:43:31 PM Autodesk Docs://TLH GTA Buildings/TLH_CENTRAL_2024.rvt
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2 3/16" = 1'-0" BUILDING 'A' - WEST ELEVATION



1 3/16" = 1'-0" BUILDING 'A' - NORTH ELEVATION

EXTERIOR FINISH LEGEND

EXTERIOR PAINT

EPT-1	LOCATION:	BOLLARDS
	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR/STYLE:	SAFETY YELLOW
	FINISH:	SEMI-GLOSS
EPT-2	LOCATION:	STEEL COLUMNS / STEEL BEAMS
	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR/STYLE:	TBD
	FINISH:	SEMI-GLOSS
EPT-3	LOCATION:	DOORS AND FRAMES
	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR/STYLE:	TBD
	FINISH:	SEMI-GLOSS
EPT-4	LOCATION:	PRE-ENGINEERED METAL CANOPY
	MANUFACTURER:	TBD
	COLOR/STYLE:	
	FINISH:	

MASONRY VENEER, DECORATIVE CMU

CMU-1	LOCATION:	QTA BUILDING A, B & C
	MANUFACTURER:	TRENWYTH ARCHITECTURAL MASONRY
	SERIES:	VERASTONE
	TYPE:	TEXTURED MASONRY UNIT
	COLOR/STYLE:	OLD COUNTRY
	SIZE:	3-9/16"x7-5/8"x15-5/8"
	FINISH:	CLEAR SEALER
	SHAPES:	4F, 4FE L CORNER
CMU-2	LOCATION:	QTA BUILDING A, B & C
	MANUFACTURER:	TRENWYTH ARCHITECTURAL MASONRY
	SERIES:	VERASTONE
	TYPE:	GROUND FACED MASONRY UNIT
	COLOR/STYLE:	AUSTIN
	SIZE:	3-9/16"x7-5/8"x15-5/8"
	FINISH:	CLEAR SEALER
	SHAPES:	4F, 4FE L CORNER
CMU-3	LOCATION:	QTA BUILDING A, B & C
	MANUFACTURER:	TRENWYTH ARCHITECTURAL MASONRY
	SERIES:	VERASTONE
	TYPE:	TEXTURED MASONRY UNIT
	COLOR/STYLE:	OLD COUNTRY
	SIZE:	3-9/16"x3-5/8"x15-5/8"
	FINISH:	CLEAR SEALER
	SHAPES:	44F
CMU-4	LOCATION:	DUMPSTER ENCLOSURE - TYPICAL
	MANUFACTURER:	TRENWYTH ARCHITECTURAL MASONRY
	SERIES:	VERASTONE
	TYPE:	TEXTURED MASONRY UNIT
	COLOR/STYLE:	OLD COUNTRY
	SIZE:	7-9/16"x7-5/8"x15-5/8"
	FINISH:	CLEAR SEALER
	SHAPES:	8F, 8FE
CMU-5	LOCATION:	DUMPSTER ENCLOSURE -TOP COURSE
	MANUFACTURER:	TRENWYTH ARCHITECTURAL MASONRY
	SERIES:	VERASTONE
	TYPE:	GROUND FACED MASONRY UNIT
	COLOR/STYLE:	OLD COUNTRY
	SIZE:	7-9/16"x7-5/8"x15-5/8"
	FINISH:	CLEAR SEALER
	SHAPES:	8F, 8FE

METAL PANEL

MP-1	LOCATION:	QTA BUILDING A, B & C, TYPICAL PANEL
	MANUFACTURER:	ALUCOBOND PLUS
	COLOR/STYLE:	THE CLASSIC COLLECTION
	SIZE:	VARIES, SEE ELEVATIONS
	FINISH:	SILVER METALLIC PVDF 3/ GLOSS 25% - 35%
MP-2	LOCATION:	QTA BUILDING A, B & C, ACCENT PANEL
	MANUFACTURER:	ALUCOBOND PLUS
	COLOR/STYLE:	THE CLASSIC COLLECTION
	SIZE:	VARIES, SEE ELEVATIONS
	FINISH:	TBD

EXTERIOR ELEVATION NOTES

1) EXTERIOR FINISH LEGEND, REFER TO SHEET A201
2) DECORATIVE CMU VERTICAL PATTERN , REFER TO SHEET A410.

EXTERIOR ELEVATION LEGEND

XXX	DOOR NUMBER, REFER TO A031
X	GLAZING IDENTIFICATION, REFER TO A040
C.J.	MASONRY VENEER CONTROL JOINT LOCATION
CR	CARD READER
F	FIRE ALARM HORN STROBE
HL	HURRICANE LOUVER - 24" H x 48" W
OHS	OVERHEAD DOOR SENSOR - BASIS OF DESIGN = BEA FALCON
SRL	SECONDARY RAIN LEADER
W	EXTERIOR WALL PACK
WH	EXTERIOR WALL HYDRANT

BUILDING A | BUILDING B | BUILDING C

SITE KEY

No:	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	CR

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FITZGERALD COLLABORATIVE GROUP, LLC
#27627

LICENSED PROFESSIONAL

ENG/ARCH NAME

FL LICENSE NUMBER XXXXX

PROJECT NUMBER R10003144.00

DATE JAN 2025

As indicated

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BUILDING 'A' ELEVATIONS

QUICK - TURNAROUND FACILITY

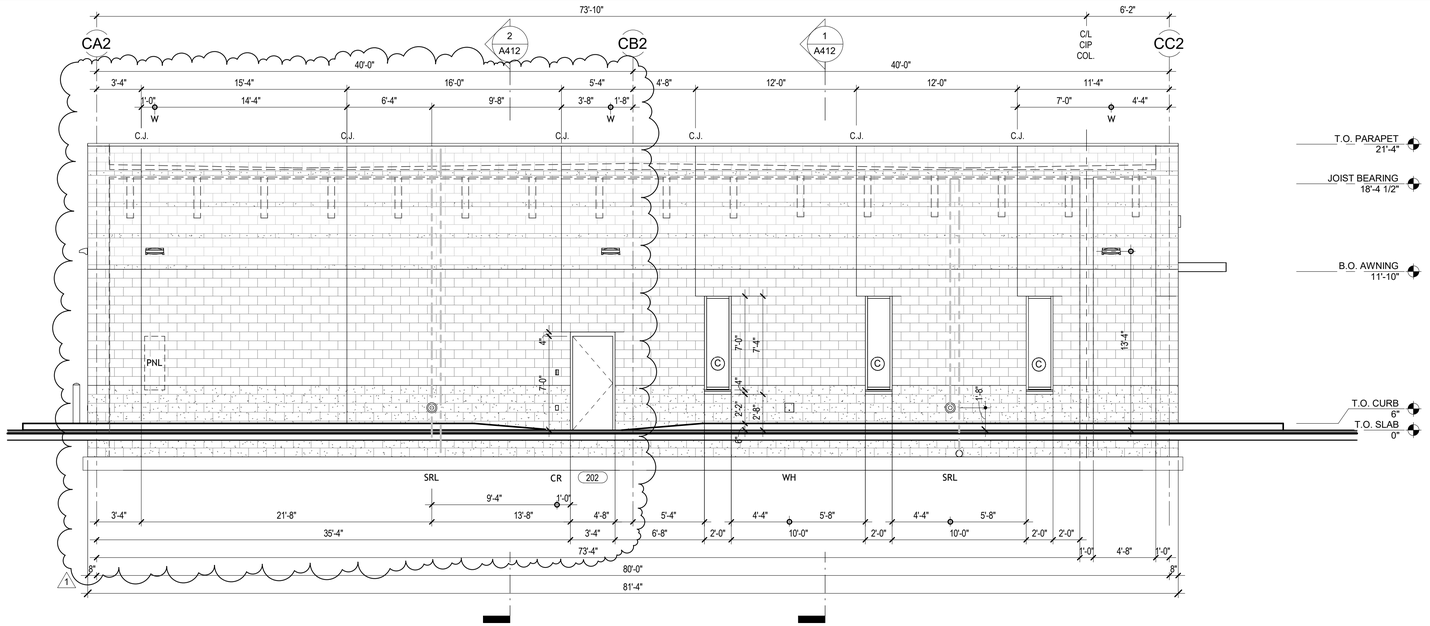
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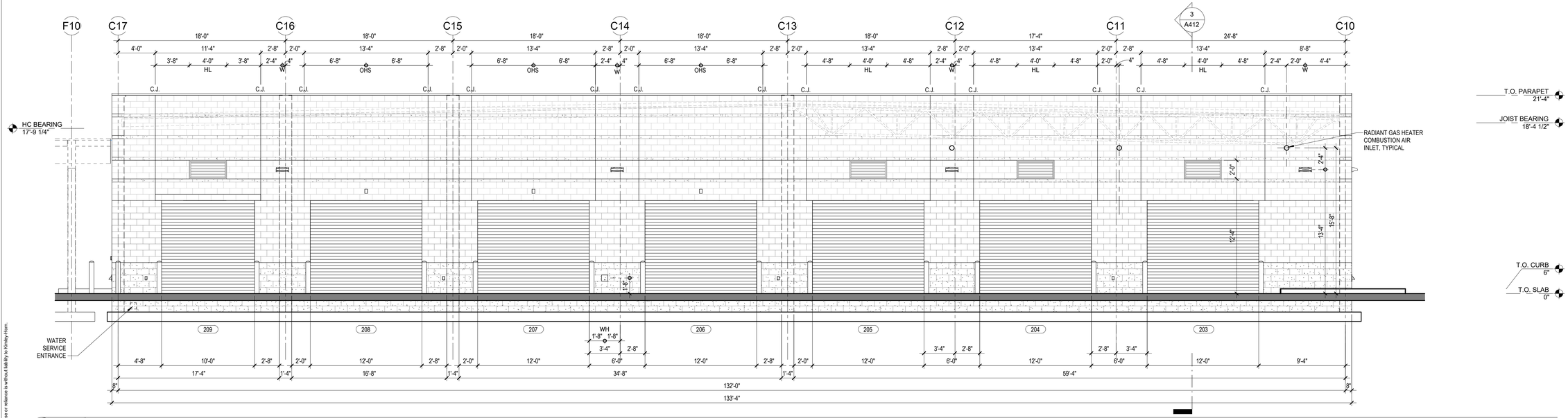
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2 3/16" = 1'-0" **BUILDING 'B' - WEST ELEVATION**



1 3/16" = 1'-0" **BUILDING 'B' - NORTH ELEVATION**

EXTERIOR ELEVATION NOTES

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2) DECORATIVE CMU VERTICAL PATTERN , REFER TO SHEET A410.

EXTERIOR ELEVATION LEGEND

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OHS	OVERHEAD DOOR SENSOR - BASIS OF DESIGN = BEA FALCON
SRL	SECONDARY RAIN LEADER
W	EXTERIOR WALL PACK
WH	EXTERIOR WALL HYDRANT

BUILDING A | BUILDING B | BUILDING C

SITE KEY

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AR99427

LICENSED PROFESSIONAL

ENG/ARCH NAME

FL LICENSE NUMBER
XXXXX

PROJECT NUMBER
R10031144.00

DATE
JAN 2025

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BUILDING 'B' ELEVATIONS

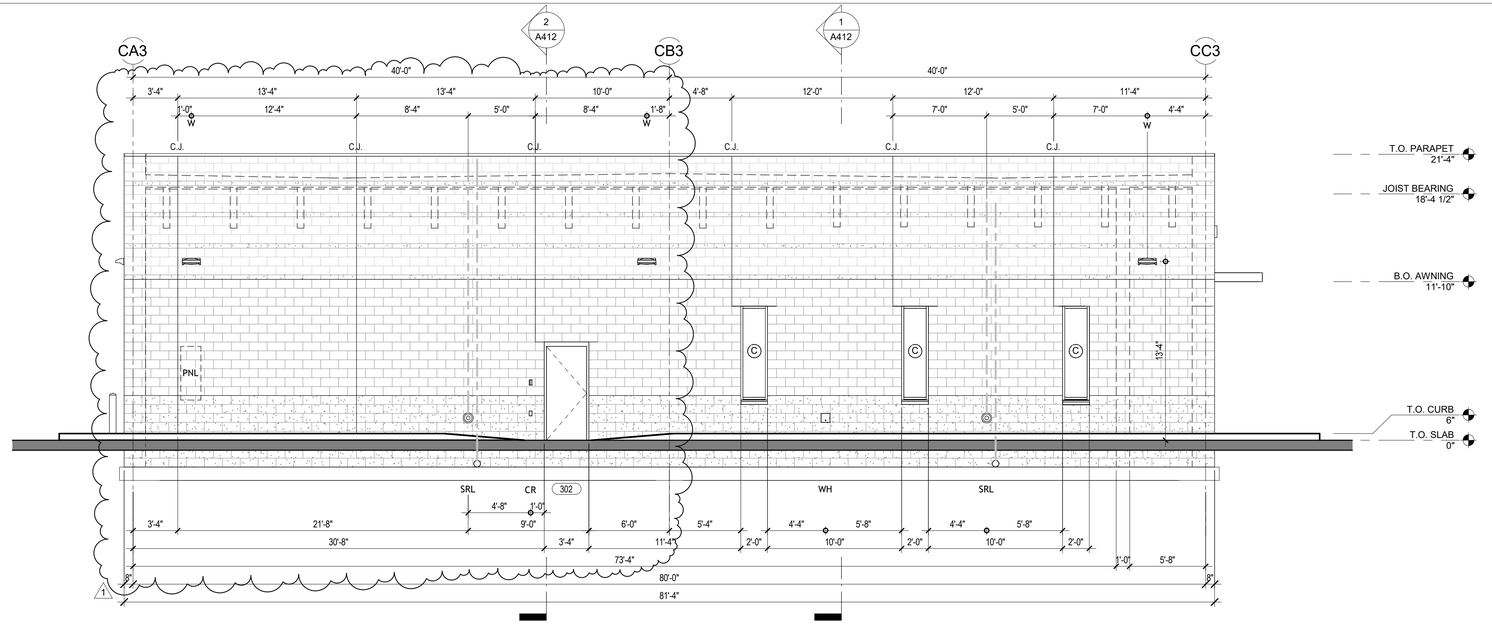
QUICK - TURNAROUND FACILITY

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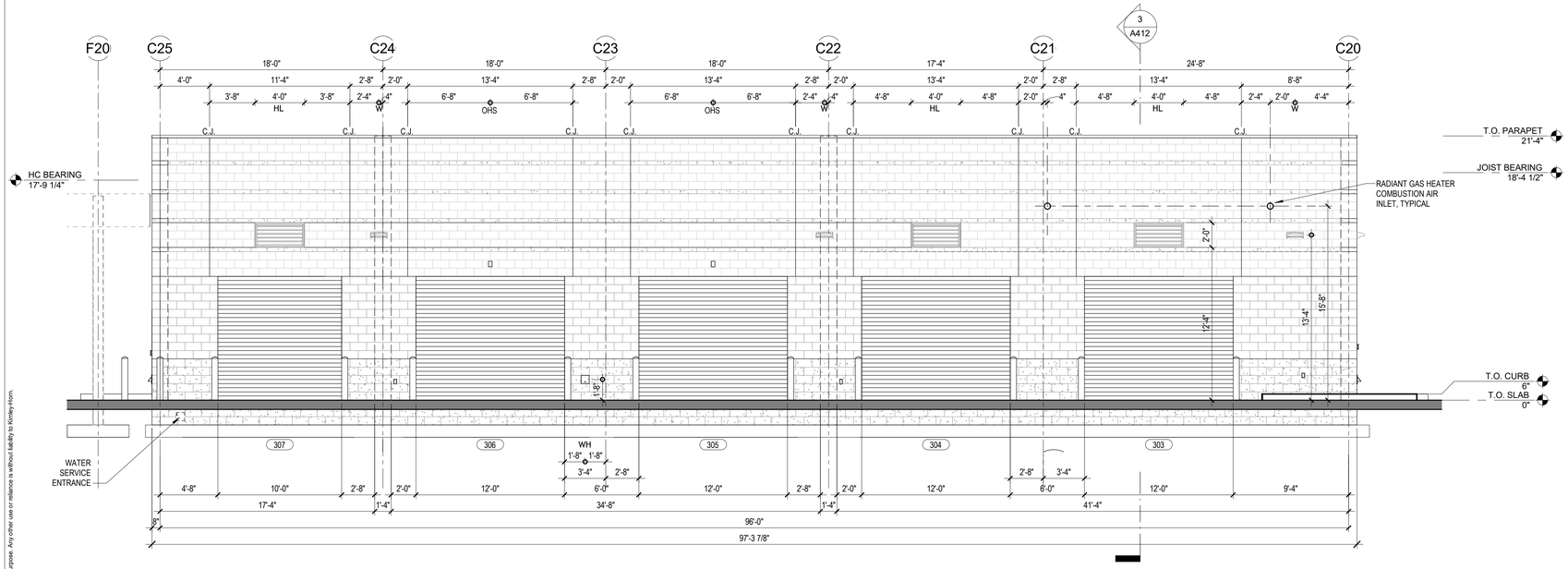
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A203

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2 3/16" = 1'-0" **BUILDING 'C' - WEST ELEVATION**



1 3/16" = 1'-0" **BUILDING 'C' - NORTH ELEVATION**

EXTERIOR ELEVATION NOTES

1) EXTERIOR FINISH LEGEND, REFER TO SHEET A201
2) DECORATIVE CMU VERTICAL PATTERN , REFER TO SHEET A410.

EXTERIOR ELEVATION LEGEND

XXX	DOOR NUMBER, REFER TO A031
X	GLAZING IDENTIFICATION, REFER TO A040
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OHS	OVERHEAD DOOR SENSOR - BASIS OF DESIGN = BEA FALCON
SRL	SECONDARY RAIN LEADER
W	EXTERIOR WALL PACK
WH	EXTERIOR WALL HYDRANT

BUILDING A BUILDING B BUILDING C

SITE KEY

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BUILDING 'C' ELEVATIONS

QUICK - TURNAROUND FACILITY
PREPARED FOR
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CITY OF TALLAHASSEE
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A205

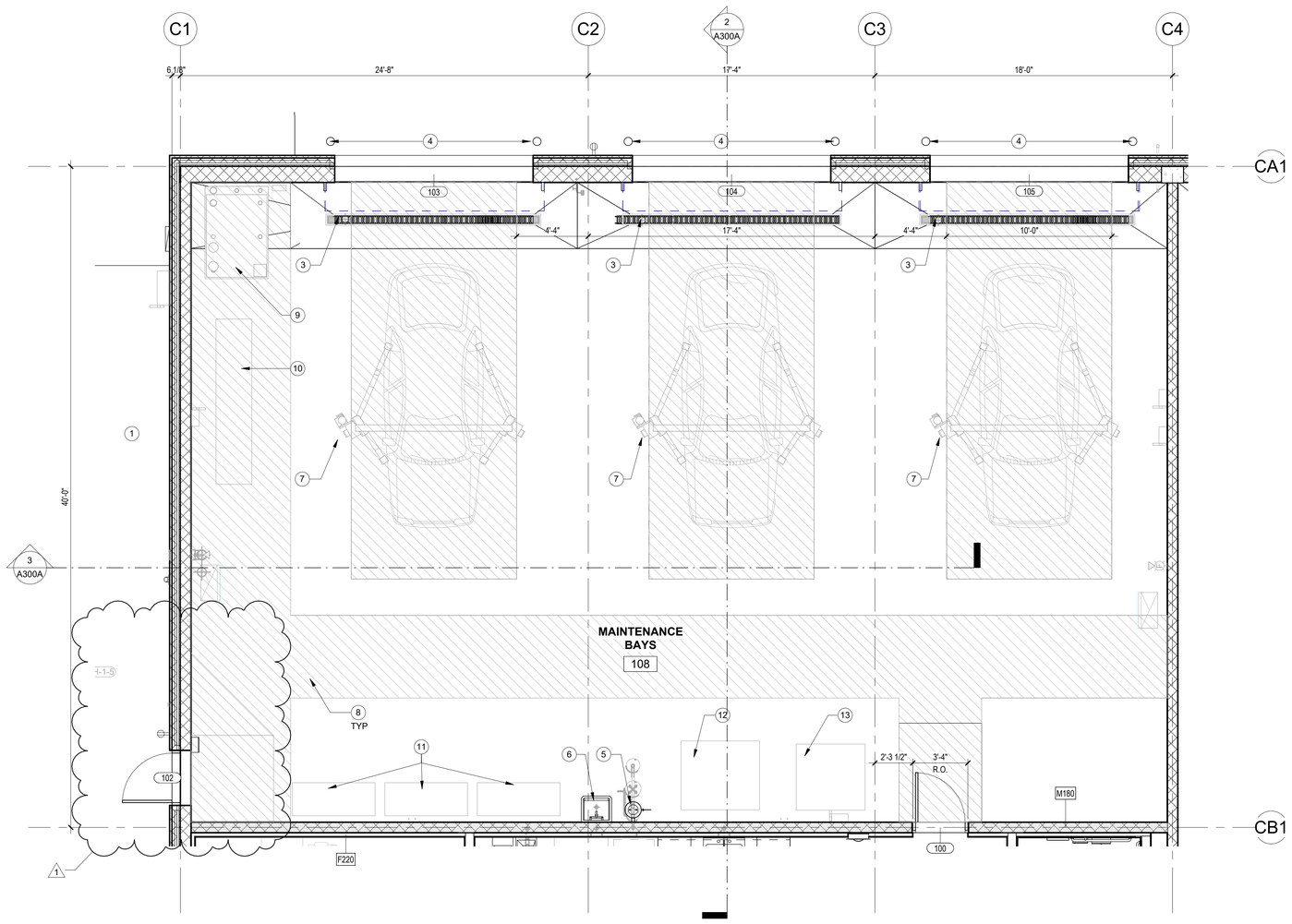
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PLAN GENERAL NOTES:

1. ROOM AND DOOR REFERENCE NUMBERS ARE FOR CONSTRUCTION COORDINATION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER FOR FINAL ROOM & DOOR IDENTIFICATION.
2. DO NOT SCALE DIMENSIONS FROM DRAWINGS, ANY UNKNOWN DIMENSION SHALL BE OBTAINED FROM DESIGN PROFESSIONALS VIA REQUEST FOR INFORMATION (RFI).
3. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINES AND FACE OF MASONRY INFILL WALL U.N.O. ALL DIMENSIONS TO EXISTING WALLS ARE TO FACE OF WALL ASSEMBLY U.N.O.
4. ALL 36" WIDE INTERIOR SWING DOORS SHALL BE LOCATED 2'-0" FROM CENTER OF DOOR TO PERPENDICULAR SURFACE OF ADJACENT WALL AT DOOR JAMB U.N.O.
5. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
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7. REFER TO WALL TYPE SCHEDULE FOR ADDITIONAL INFORMATION.
8. ALL SHAFTS PENETRATING SLAB SHALL BE RATED 2HR.
9. CONTRACTOR SHALL FIELD COORDINATE LOCATION, SIZE AND TYPE OF BLOCKING FOR INSTALLATION OF SIGNAGE, PLUMBING FIXTURES, MILLWORK, ETC. ALL CONCEALED WOOD SHALL BE FIRE RETARDANT TREATED (F.R.T).
10. PROVIDE IN-WALL REINFORCEMENT FOR ALL WALL MOUNTED FURNITURE AND EQUIPMENT AS REQUIRED.

KEYNOTE LEGEND:

1. 6" CONCRETE CURB - RE: CIVIL
2. ADA ACCESS RAMP
3. TRENCH DRAIN - RE: PLUMBING
4. 6" CONCRETE FILLED STEEL BOLLARD - RE: CIVIL
5. EYE WASH - RE: PLUMBING
6. MOP SINK
7. MAINTENANCE BAY LIFTS - RE: FUELING
8. SAFETY AISLE
9. OIL TANK - RE: FUELING
10. TIRE RACK - RE: FUELING
11. WORK BENCH - RE: FUELING
12. WHEEL BALANCER - RE: FUELING
13. TIRE CHANGER - RE: FUELING
14. FURNITURE - TO BE PROVIDED BY TENANT
15. SINK - RE: PLUMBING
16. VENDING MACHINE -TO BE PROVIDED BY TENANT - RE: ELECTRICAL & PLUMBING
17. REFRIGERATOR - TO BE PROVIDED BY TENANT - RE: ELECTRICAL & PLUMBING
18. MILLWORK - RE: A402A
19. DUAL HEIGHT DRINKING FOUNTAIN WITH BOTTLE FILLER - RE: PLUMBING
20. PRE-MANUFACTURED TRENCH DRAIN AT CAR WASH BAYS, ZURN Z882 BASIS OF DESIGN.
21. PRE-MANUFACTURED CATCH BASIN WITH HEAVY DUTY FRAME AND SEDIMENT BUCKET, ZURN Z887-24-HD BASIS OF DESIGN. (2) Z882 INLET ADAPTERS, (1) EACH SIDE FOR TRENCH TIE-IN.



BUILDING A BUILDING B BUILDING C

SITE KEY

1 1/4" = 1'-0" **ENLARGED FLOOR PLAN - BUILDING A - MAINTENANCE BAYS**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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PROJECT NUMBER R1003144.00
DATE 04/25/2025
N.T.S.
DESIGNED BY PH
DRAWN BY KS
CHECKED BY JW

ENLARGED FLOOR PLANS - BUILDING A

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

SHEET NUMBER
A400A-2

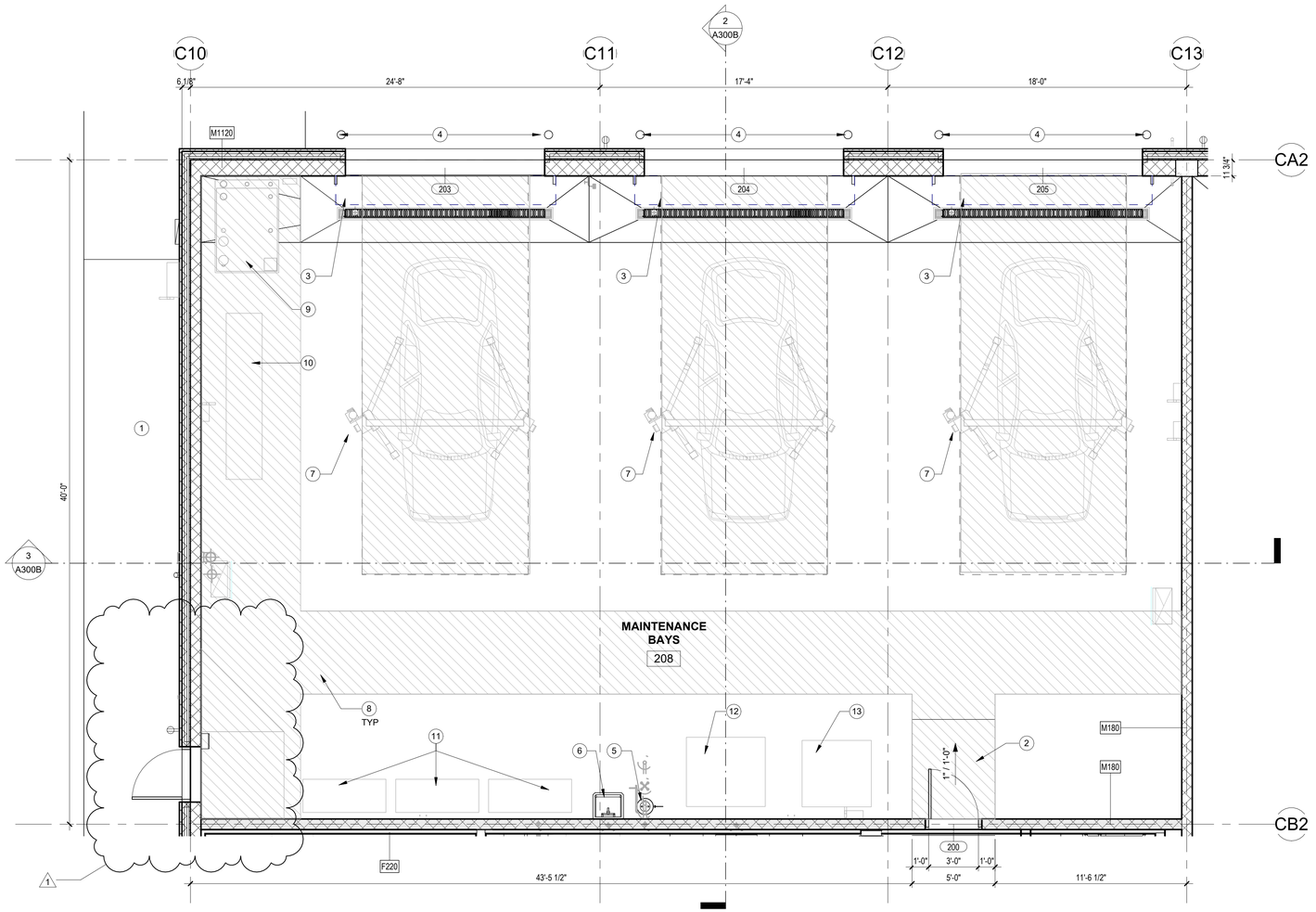
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10. PROVIDE IN-WALL REINFORCEMENT FOR ALL WALL MOUNTED FURNITURE AND EQUIPMENT AS REQUIRED.

KEYNOTE LEGEND:

1. 6" CONCRETE CURB - RE: CIVIL
2. ADA ACCESS RAMP
3. TRENCH DRAIN - RE: PLUMBING
4. 6" CONCRETE FILLED STEEL BOLLARD - RE: CIVIL
5. EYE WASH - RE: PLUMBING
6. MOP SINK
7. MAINTENANCE BAY LIFTS - RE: FUELING
8. SAFETY AISLE
9. OIL TANK - RE: FUELING
10. TIRE RACK - RE: FUELING
11. WORK BENCH - RE: FUELING
12. WHEEL BALANCER - RE: FUELING
13. TIRE CHANGER - RE: FUELING
14. FURNITURE - TO BE PROVIDED BY TENANT
15. SINK - RE: PLUMBING
16. VENDING MACHINE -TO BE PROVIDED BY TENANT - RE: ELECTRICAL & PLUMBING
17. REFRIGERATOR - TO BE PROVIDED BY TENANT - RE: ELECTRICAL & PLUMBING
18. MILLWORK - RE: A402A
19. DUAL HEIGHT DRINKING FOUNTAIN WITH BOTTLE FILLER - RE: PLUMBING
20. PRE-MANUFACTURED TRENCH DRAIN AT CAR WASH BAYS, ZURN Z882 BASIS OF DESIGN.
21. PRE-MANUFACTURED CATCH BASIN WITH HEAVY DUTY FRAME AND SEDIMENT BUCKET, ZURN Z887-24-HD BASIS OF DESIGN. (2) Z882 INLET ADAPTERS, (1) EACH SIDE FOR TRENCH TIE-IN.



BUILDING A

BUILDING B

BUILDING C

SITE KEY

1 1/4" = 1'-0" **ENLARGED FLOOR PLAN - BUILDING B - MAINTENANCE BAYS**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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PROJECT NUMBER	R1003144.00
DATE	04/25/2025
N.T.S.	
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DRAWN BY	KS
CHECKED BY	JW

ENLARGED FLOOR PLANS - BUILDING B

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

SHEET NUMBER
A400B-2

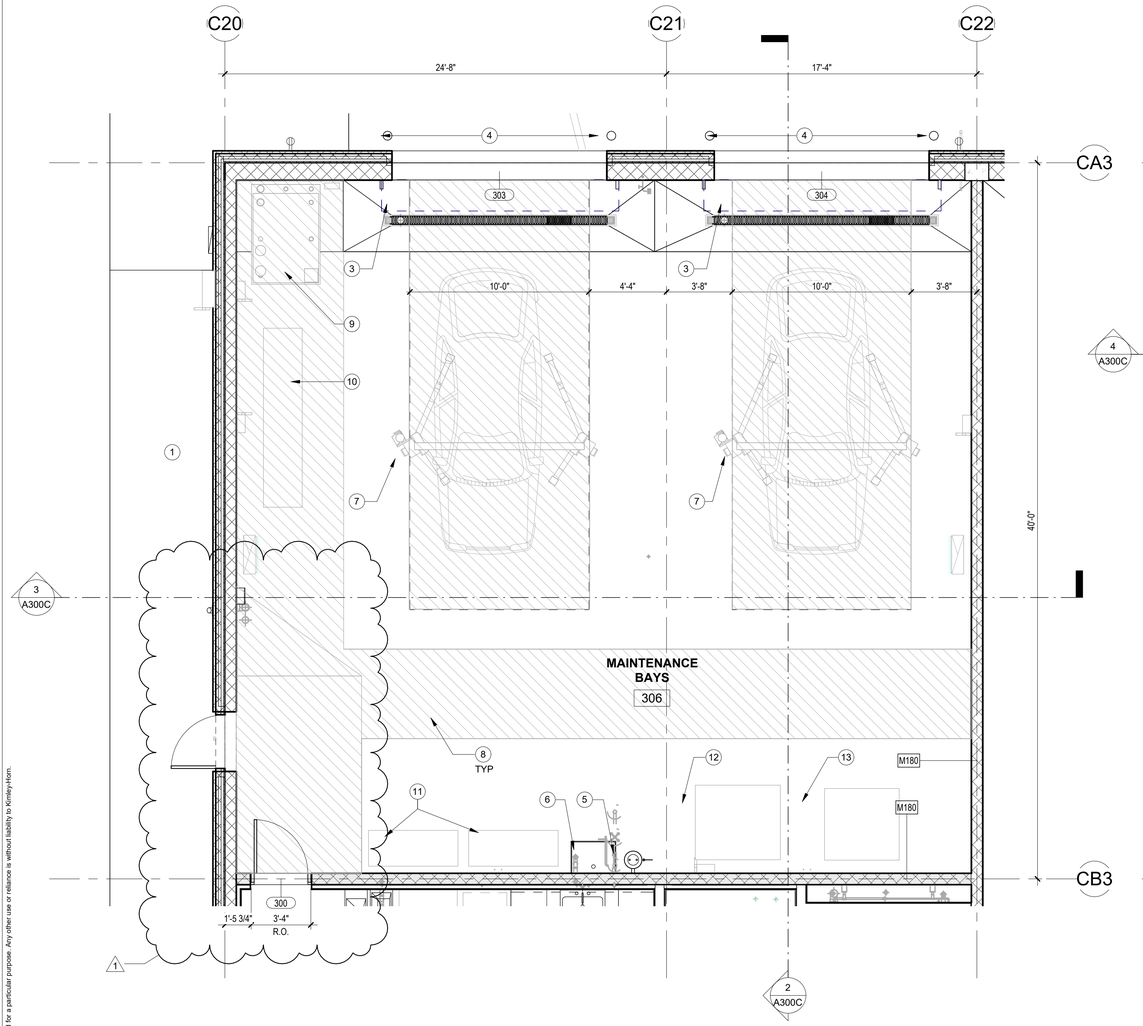
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PLAN GENERAL NOTES:

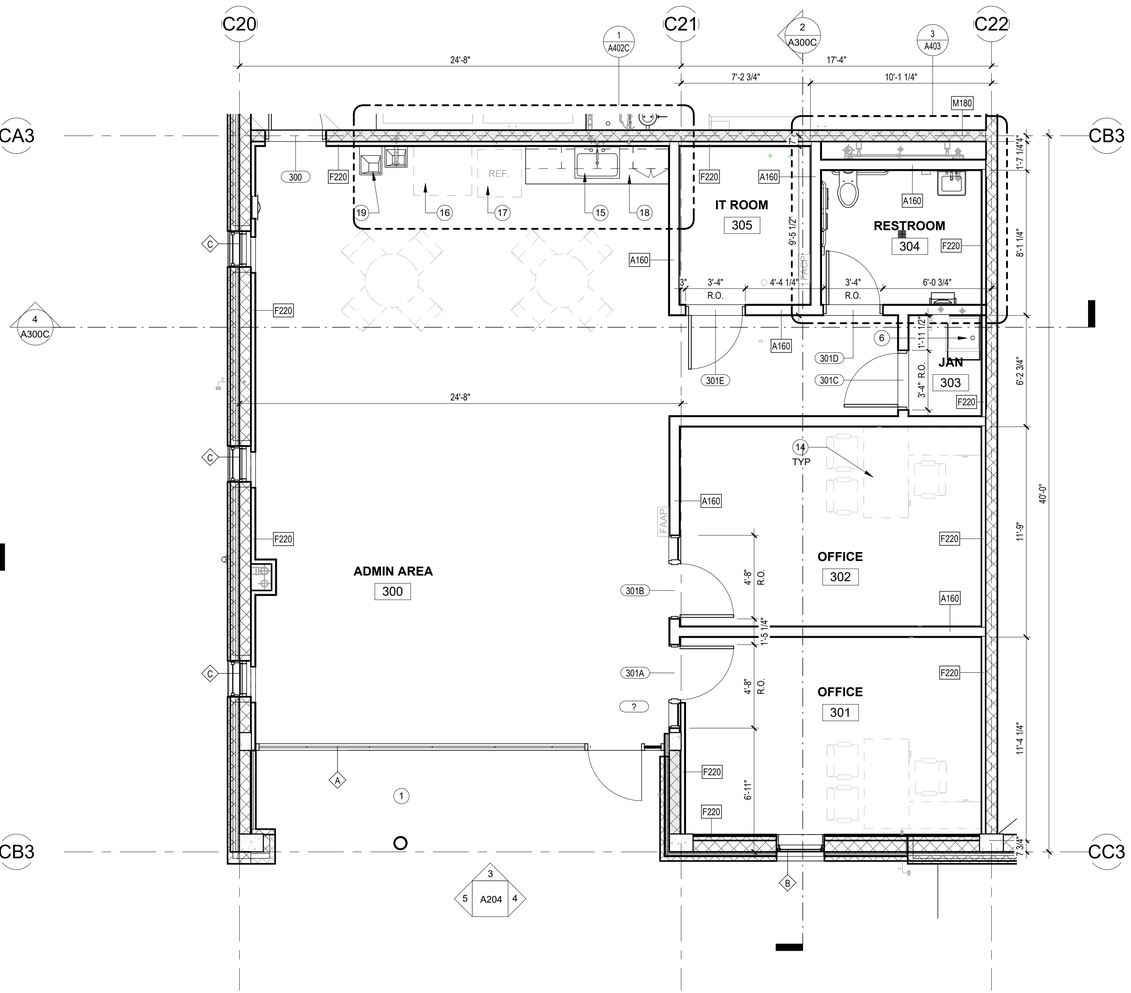
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KEYNOTE LEGEND:

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2. ADA ACCESS RAMP
3. TRENCH DRAIN - RE: PLUMBING
4. 6" CONCRETE FILLED STEEL BOLLARD - RE: CIVIL
5. EYE WASH - RE: PLUMBING
6. MOP SINK
7. MAINTENANCE BAY LIFTS - RE: FUELING
8. SAFETY AISLE
9. OIL TANK - RE: FUELING
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2 1/4" = 1'-0" **ENLARGED FLOOR PLAN - BUILDING C - MAINTENANCE BAYS**



1 1/4" = 1'-0" **ENLARGED FLOOR PLAN - BUILDING C - ADMINISTRATION**

BUILDING A BUILDING B BUILDING C

SITE KEY

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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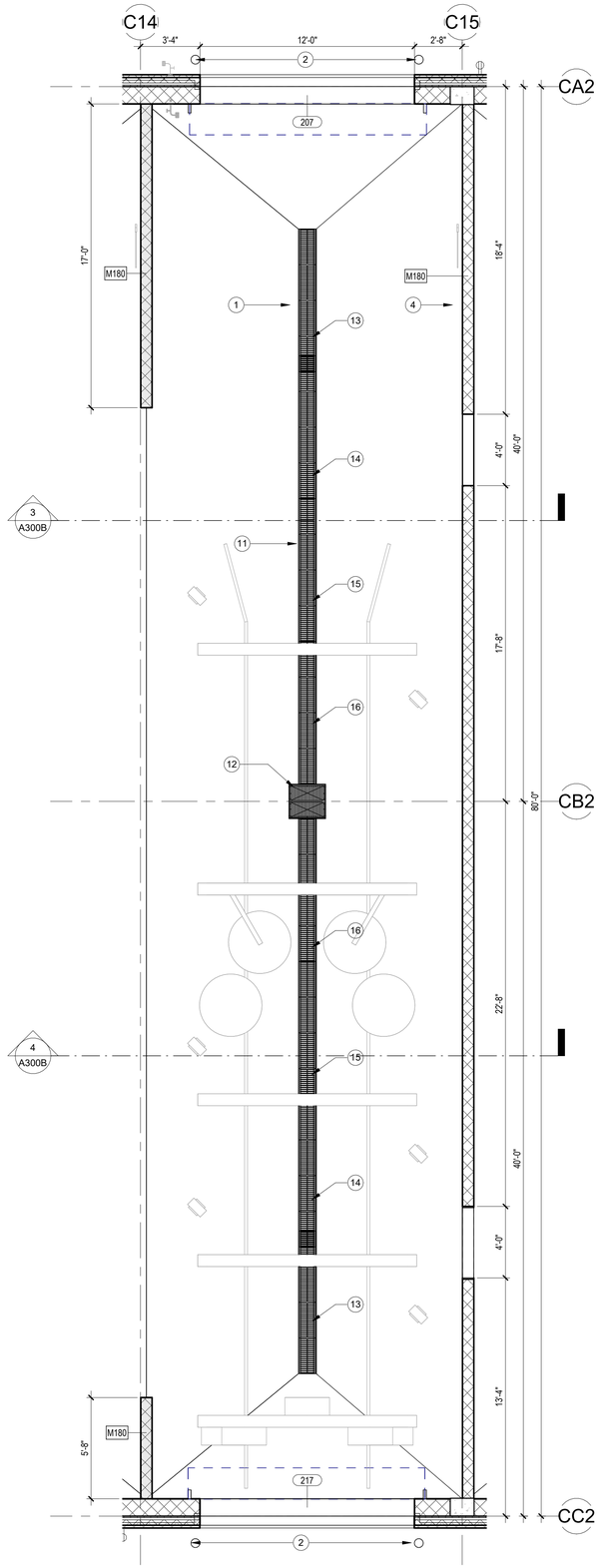
PROJECT NUMBER	R1003144.00
DATE	04/25/2025
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DESIGNED BY	PH
DRAWN BY	KS
CHECKED BY	JW

ENLARGED FLOOR PLANS - BUILDING C

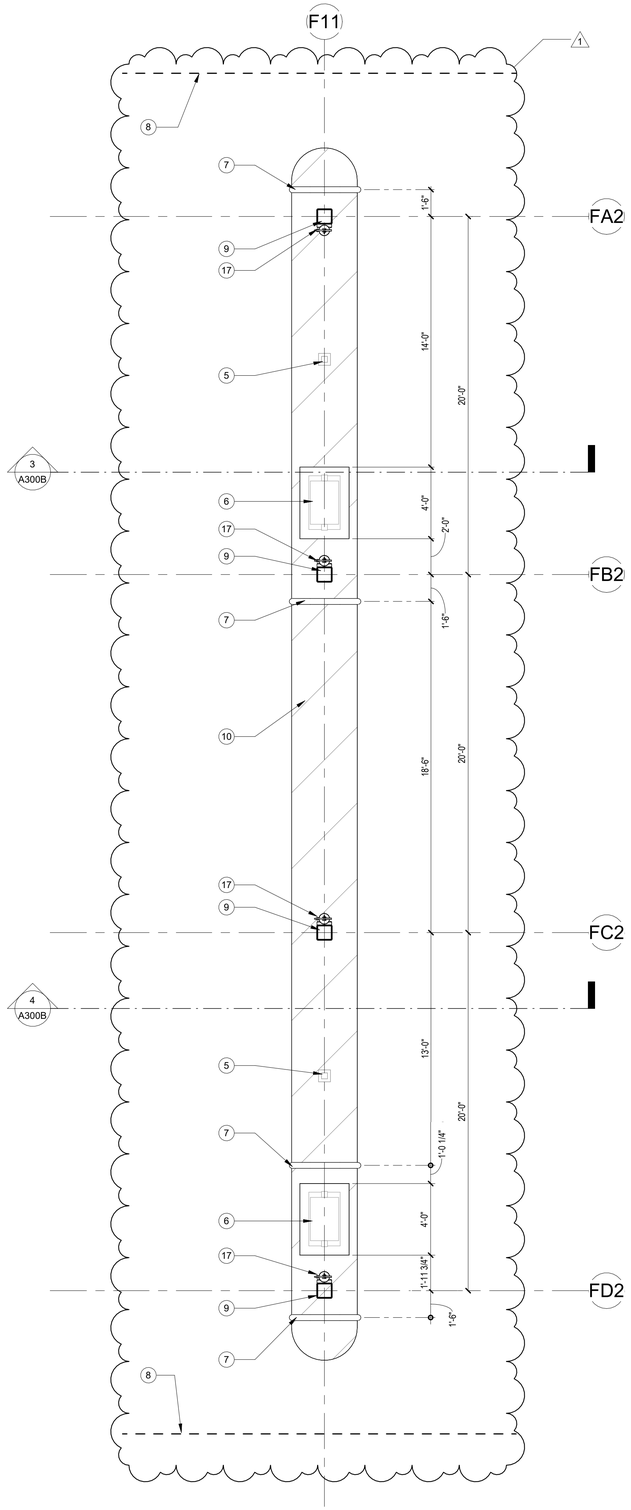
QUICK - TURNAROUND FACILITY
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CITY OF TALLAHASSEE FLORIDA

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4 1/4" = 1'-0" **ENLARGED FLOOR PLAN - BUILDING A & B - TYPICAL CAR WASH BAY**

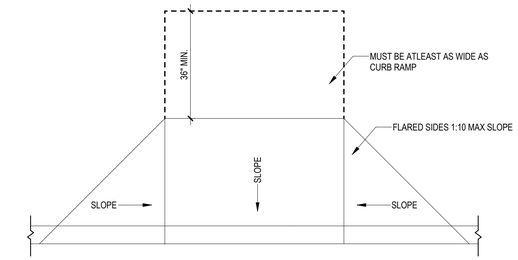


3 1/4" = 1'-0" **ENLARGED FLOOR PLAN - BUILDING A & B - TYPICAL FUEL ISLAND**

KEYNOTE LEGEND:

1. TRENCH DRAIN - RE: PLUMBING
2. 6" CONCRETE FILLED STEEL BOLLARD - RE: CIVIL
3. CARWASH EQUIPMENT - RE: FUELING
4. PRESSURE WASHER WAND - RE: FUELING
5. VACUUM - RE: FUELING
6. FUEL DISPENSER ON CONCRETE CURB - RE: FUELING
7. U-SHAPED BOLLARD - RE: CIVIL
8. OVERHEAD CANOPY
9. TUBE STEEL COLUMNS
10. STRIPING
11. PRE-MANUFACTURED TRENCH DRAIN AT CAR WASH BAYS, ZURN Z882 BASIS OF DESIGN.
12. PRE-MANUFACTURED CATCH BASIN WITH HEAVY DUTY FRAME AND SEDIMENT BUCKET, ZURN Z887-24-HD BASIS OF DESIGN. (2) Z882 INLET ADAPTERS, (1) EACH SIDE FOR TRENCH TIE-IN.
13. PRE-MANUFACTURED TRENCH DRAIN, ZURN Z882-HDG (TRENCH NO. 8201) BASIS OF DESIGN
14. PRE-MANUFACTURED TRENCH DRAIN, ZURN Z882-HDG (TRENCH NO. 8202) BASIS OF DESIGN
15. PRE-MANUFACTURED TRENCH DRAIN, ZURN Z882-HDG (TRENCH NO. 8203) BASIS OF DESIGN
16. PRE-MANUFACTURED TRENCH DRAIN, ZURN Z882-HDG (TRENCH NO. 8204) BASIS OF DESIGN
17. EXTERIOR COLUMN MOUNTED FIRE EXTINGUISHER CABINET





1 1/2" = 1'-0" **TYP. DETAIL - ADA CURB RAMP**

BUILDING A BUILDING B BUILDING C

SITE KEY

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/2025	JW

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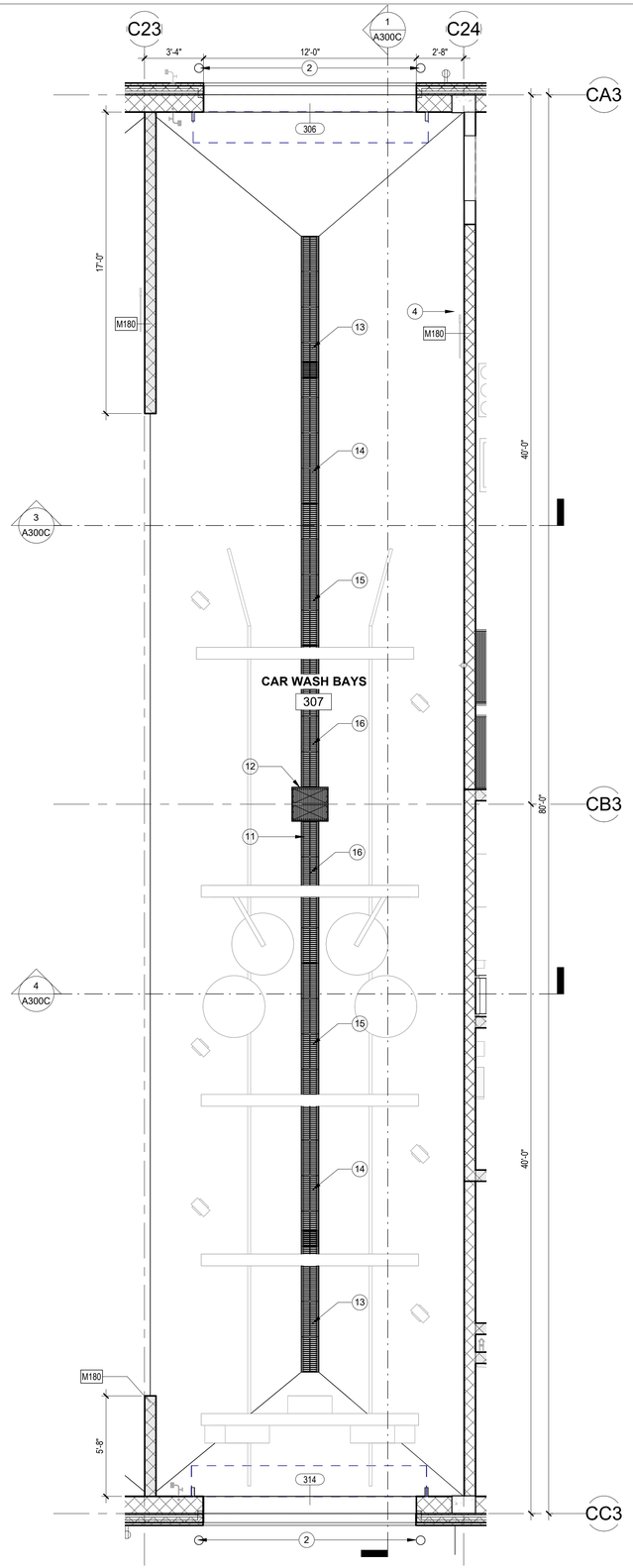
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ENLARGED FLOOR PLANS - BUILDINGS A & B

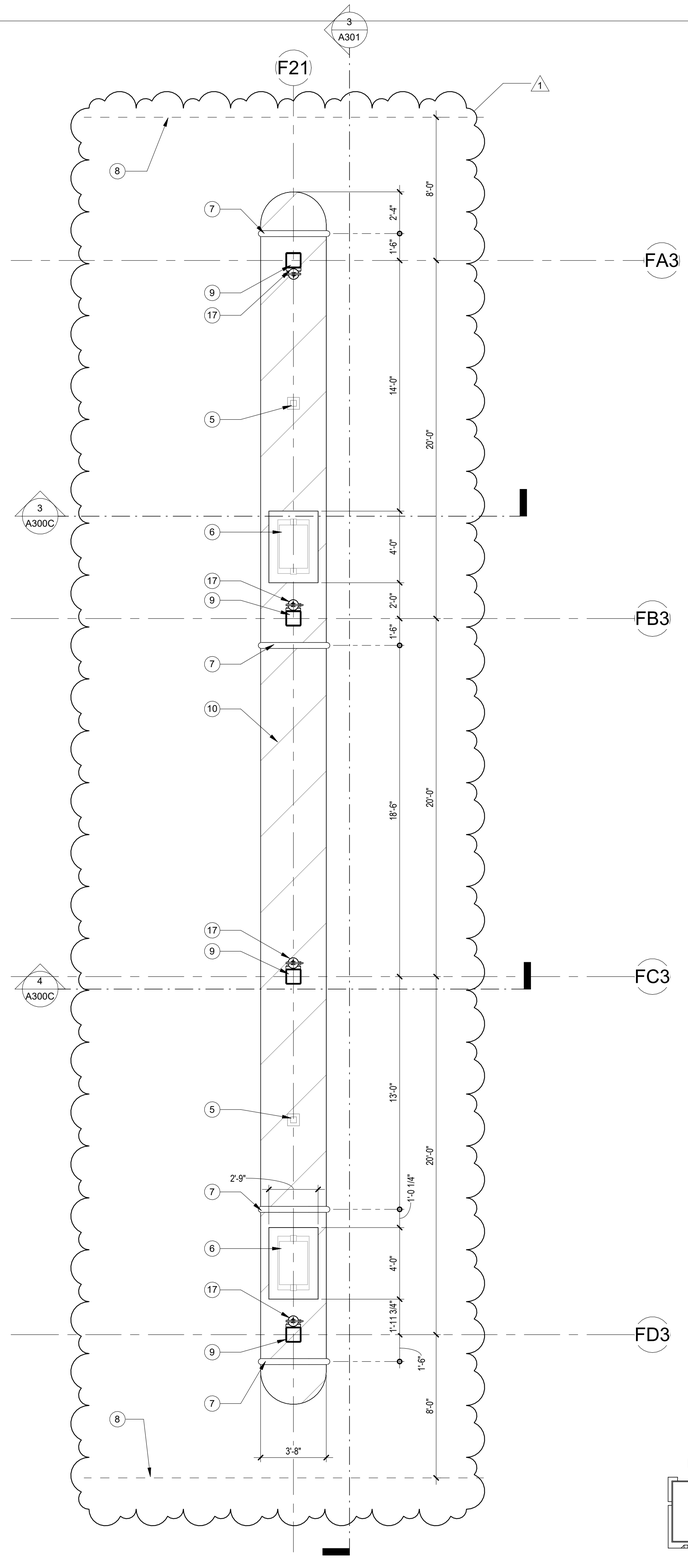
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2 1/4" = 1'-0" **ENLARGED FLOOR PLAN - BUILDING C - TYPICAL CAR WASH BAY**

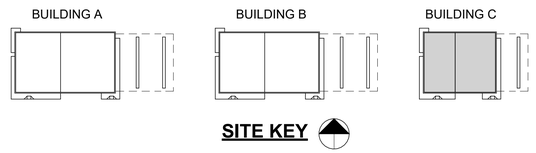


1 1/4" = 1'-0" **ENLARGED FLOOR PLAN - BUILDING C - TYPICAL FUEL ISLAND**

KEYNOTE LEGEND:

1. TRENCH DRAIN - RE: PLUMBING
2. 6" CONCRETE FILLED STEEL BOLLARD - RE: CIVIL
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4. PRESSURE WASHER WAND - RE: FUELING
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16. PRE-MANUFACTURED TRENCH DRAIN, ZURN Z882-HDG (TRENCH NO. 8204) BASIS OF DESIGN
17. EXTERIOR COLUMN MOUNTED FIRE EXTINGUISHER CABINET





SITE KEY

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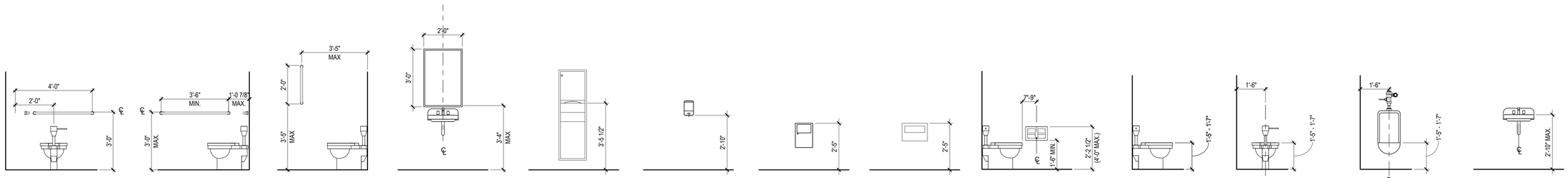
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ENLARGED FLOOR PLANS - BUILDING C

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

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

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

SURFACE MOUNTED
FRAMED MIRROR
BOBRICK B-165 2436

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

SURFACE-MOUNTED
SOAP DISPENSER
BOBRICK B-2111

SANITARY NAPKIN
DISPOSAL
BOBRICK B-270

SANITARY NAPKIN
DISPOSAL
BOBRICK B-270

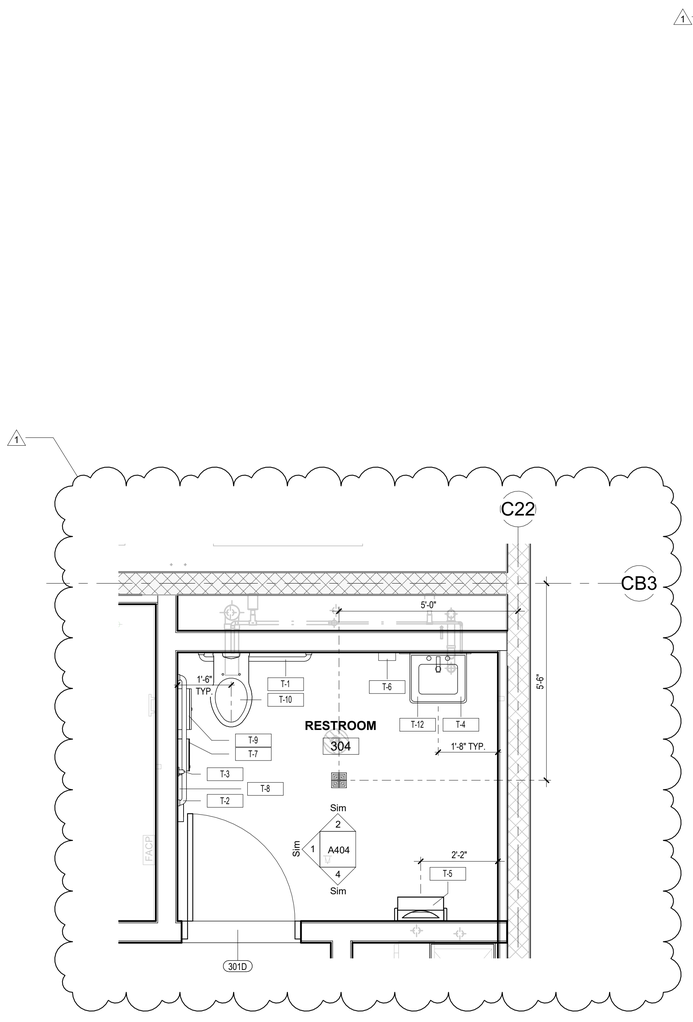
TOILET TISSUE
DISPENSER
BOBRICK B-2888

ACCESSIBLE FLOOR MOUNTED TOILET

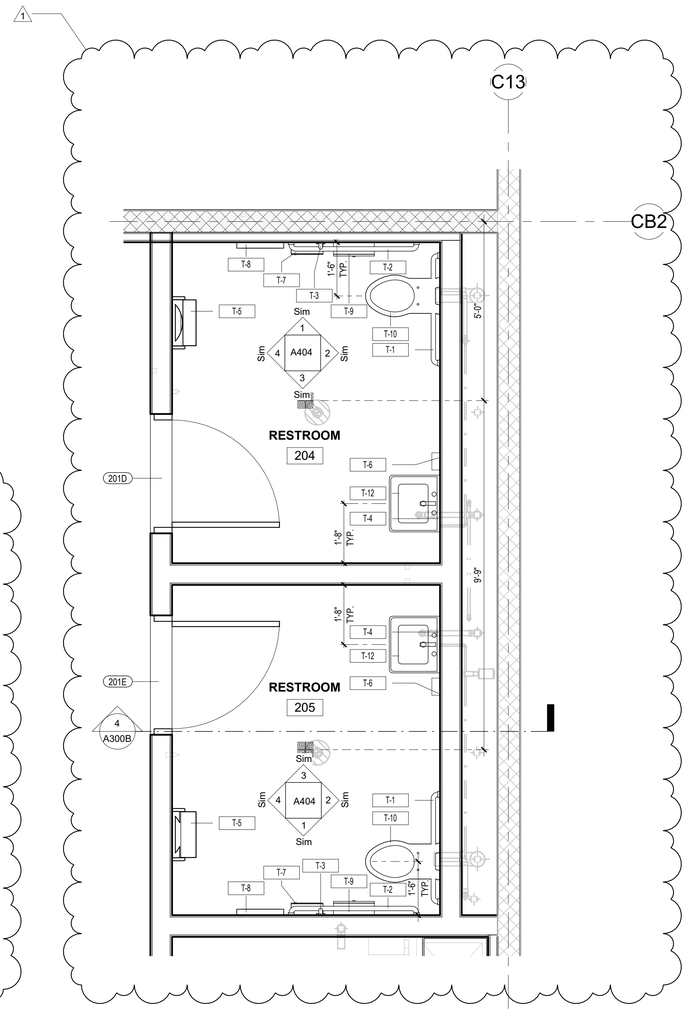
ACCESSIBLE WALL MOUNTED URINAL

WALL MOUNTED SINK

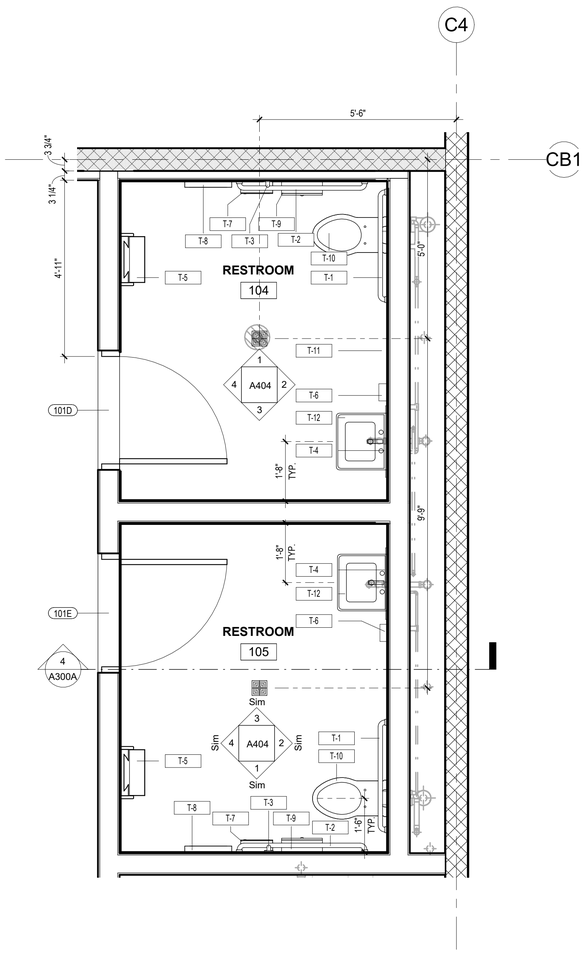
3/8" = 1'-0" TYPICAL TOILET ACCESSORY ELEVATIONS



3 1/2" = 1'-0" ENLARGED FLOOR PLAN - BUILDING C - RESTROOM PLAN



2 1/2" = 1'-0" ENLARGED FLOOR PLAN - BUILDING B - RESTROOM PLAN



1 1/2" = 1'-0" ENLARGED FLOOR PLAN - BUILDING A - RESTROOM PLAN

No.	REVISIONS	DATE	BY
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TYPICAL ENLARGED RESTROOM - BUILDINGS A, B & C

QUICK - TURNAROUND FACILITY
PREPARED FOR
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LEGEND:

- CONC WALL
- NON-LOAD BEARING WALL
- LOAD BEARING WALL
- VENEER

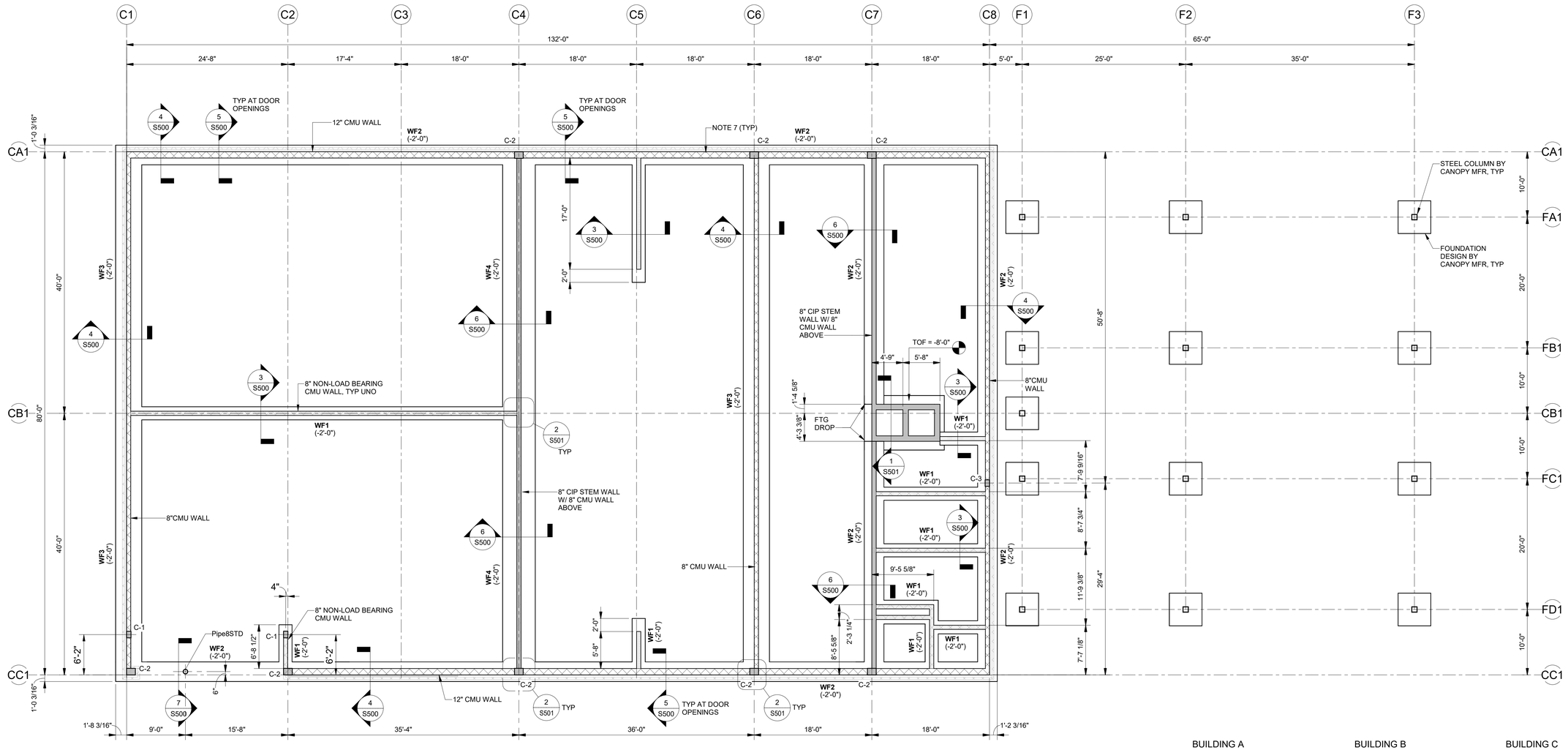
NOTES:

1. COMPLY WITH SPECIFICATIONS AND STRUCTURAL GENERAL NOTES. UNLESS OTHERWISE SPECIFIED, THE FOLLOWING NOTES RELATING TO THE FOUNDATION PLANS WILL GOVERN.
2. REFER TO UNDERGROUND PLUMBING, MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND CIVIL PLANS FOR LOCATIONS AND SIZES OF OPENINGS THROUGH CIP CONCRETE, AS WELL AS ALL NECESSARY EMBEDDED ITEMS.
3. FOUNDATIONS SHALL BE CENTERED ON GRIDLINES AND STRUCTURAL ELEMENTS (E.G. COLUMNS, WALLS, PIERS, ETC.) UNLESS NOTED OTHERWISE.
4. ALL FOUNDATION WORK RELATING TO THE INSTALLATION OF REBAR SHALL BE OBSERVED AND APPROVED BY THE ENGINEER OR APPROVED TESTING AGENCY.
5. WHERE SHOWN, BUT NOT SPECIFICALLY NOTED, PROVIDE STANDARD ACI 90-DEGREE OR 180-DEGREE HOOKS, AS APPLICABLE, TO REBAR.
6. PROVIDE CLASS B LAP SPLICES FOR ALL REBAR SPLICES RELATING TO FOUNDATION WORK UNLESS NOTED OTHERWISE.
7. FILL ALL CMU BELOW GRADE WITH GROUT.
8. ALL INTERIOR AND EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 2'-0" BELOW FINISHED GRADE OR FINISHED FLOOR ELEVATION.
9. TOP OF FOOTING ELEVATIONS ARE PROVIDED RELATIVE TO FINISHED FLOOR ELEVATION. REFER TO SLAB-ON-GRADE PLANS FOR THE ABSOLUTE FINISHED FLOOR ELEVATION.
10. ALL MASONRY WALLS SHALL BE REINFORCED AS FOLLOWS:

    8" MASONRY WALL - #5 AT 16" VERTICAL REINFORCEMENT HOT DIP GALVANIZED W1.7 LADDER TYPE HORIZ REINFORCEMENT AT 16"

    12" MASONRY WALL - #5 AT 24" VERTICAL REINFORCEMENT HOT DIP GALVINIZED W1.7 LADDER TYPE REINFORCEMENT AT 16".
11. REFER TO 2/S500 FOR FOUNDATION SCHEDULE.

1



1 S100A FOUNDATION PLAN - BUILDING A

SCALE: 1/8" = 1'-0"

0 8 16

BUILDING A BUILDING B BUILDING C

SITE KEY

No:	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	JJF

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LICENSED PROFESSIONAL

JUAN J. FUENTES, PE, SE, SI, LEED AP
FLORIDA LICENSE NUMBER 62426

PROJECT NUMBER	144124059
DATE	01/17/2025
	As indicated
DESIGNED BY	JJF
DRAWN BY	PCM
CHECKED BY	JJF

FOUNDATION PLAN - BUILDING A

QUICK - TURNAROUND FACILITY

PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT

CITY OF TALLAHASSEE FLORIDA

SHEET NUMBER
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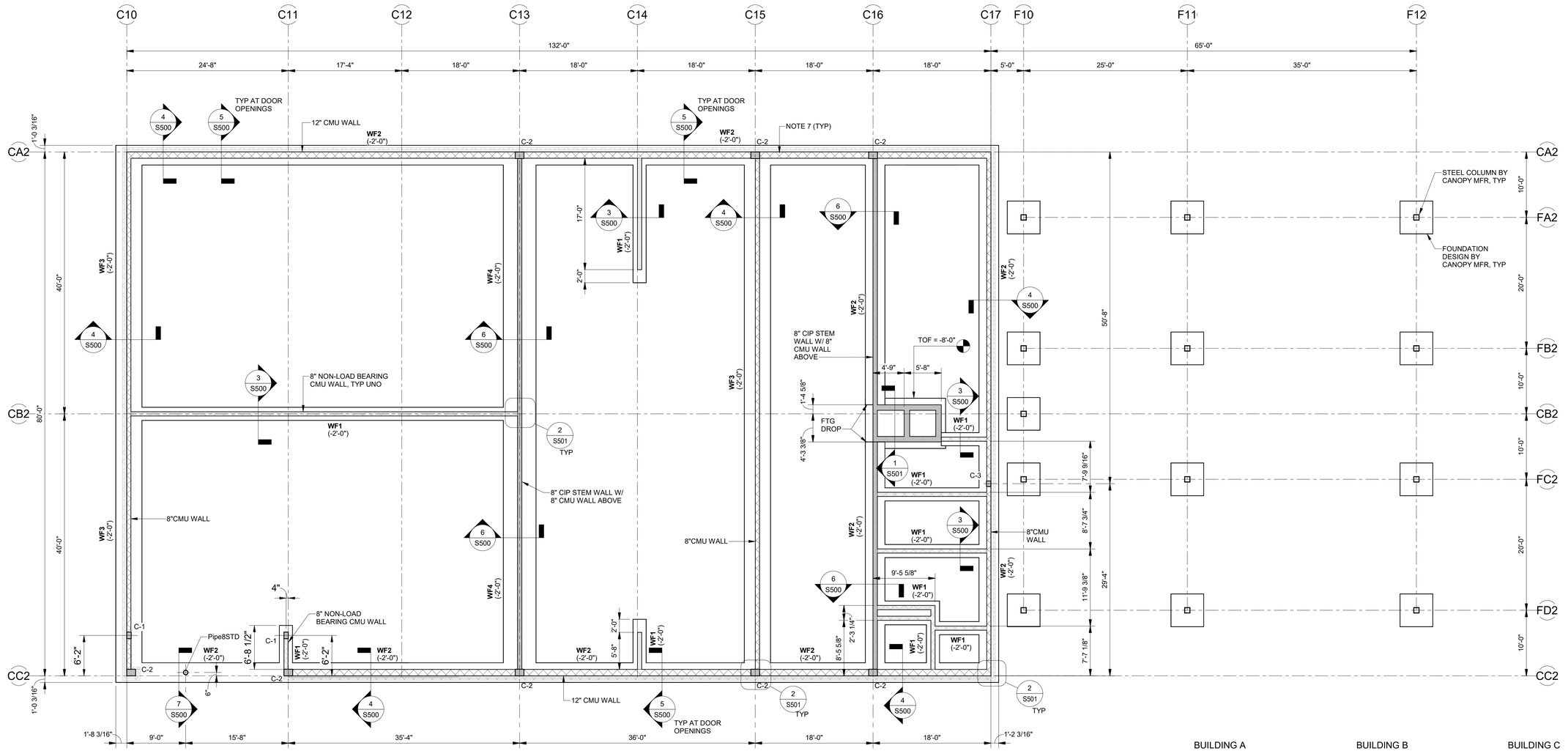
- CONC WALL
- NON-LOAD BEARING WALL
- LOAD BEARING WALL
- VENEER

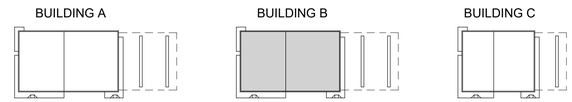
NOTES:

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6. PROVIDE CLASS B LAP SPLICES FOR ALL REBAR SPLICES RELATING TO FOUNDATION WORK UNLESS NOTED OTHERWISE.
7. FILL ALL CMU BELOW GRADE WITH GROUT.
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11. REFER TO 2/S500 FOR FOUNDATION SCHEDULE.





SITE KEY

1 S100B — FOUNDATION PLAN - BUILDING B

SCALE: 1/8" = 1'-0"

0 8 16

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LICENSED PROFESSIONAL

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FLORIDA LICENSE NUMBER 62426

PROJECT NUMBER	144124059
DATE	01/17/2025
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DRAWN BY	PCM
CHECKED BY	JJF

FOUNDATION PLAN - BUILDING B

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

SHEET NUMBER
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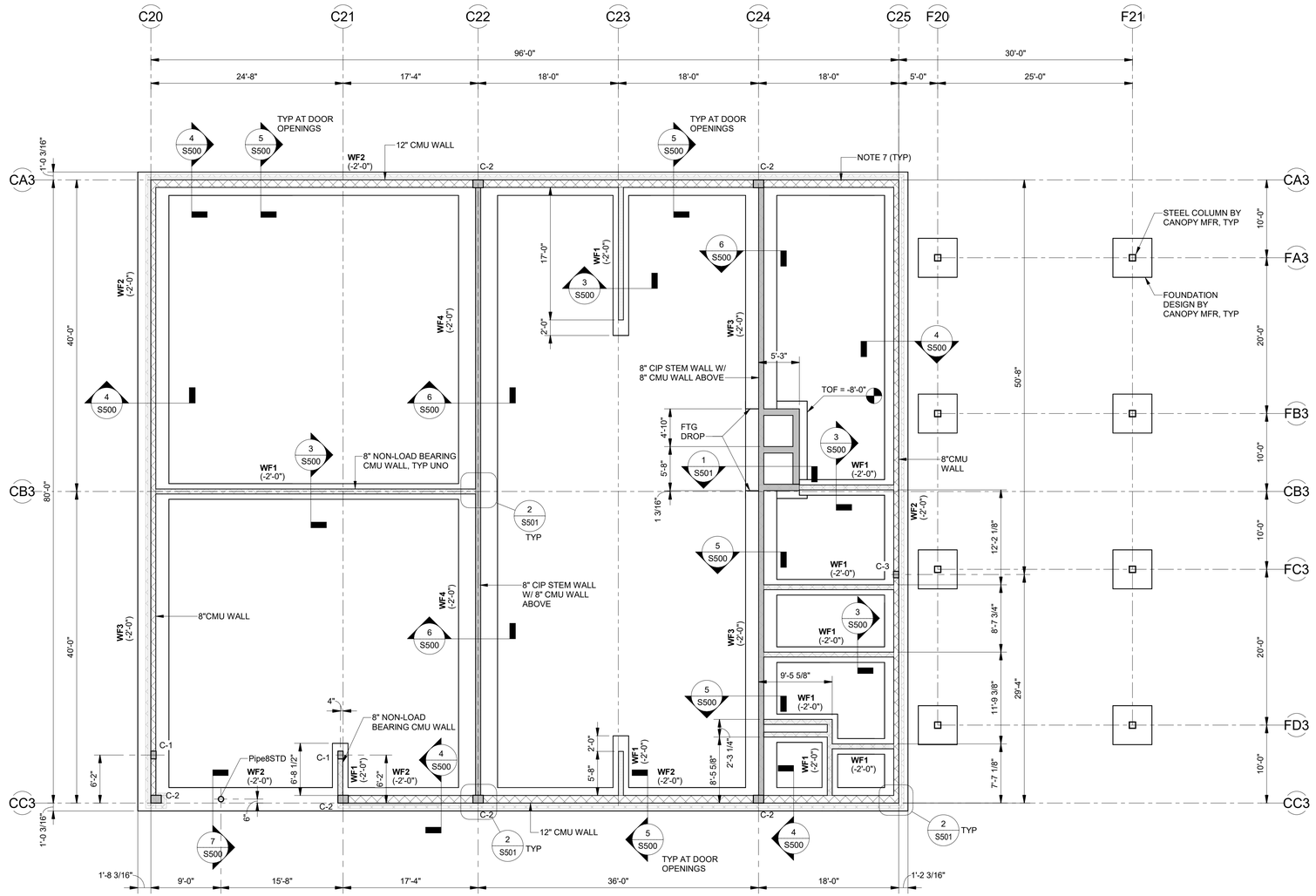
- CONC WALL
- NON-LOAD BEARING WALL
- LOAD BEARING WALL
- VENEER

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1 S100C — FOUNDATION PLAN - BUILDING C

SCALE: 1/8" = 1'-0"

0 8 16

BUILDING A | BUILDING B | BUILDING C

SITE KEY

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FOUNDATION PLAN - BUILDING C

QUICK - TURNAROUND FACILITY
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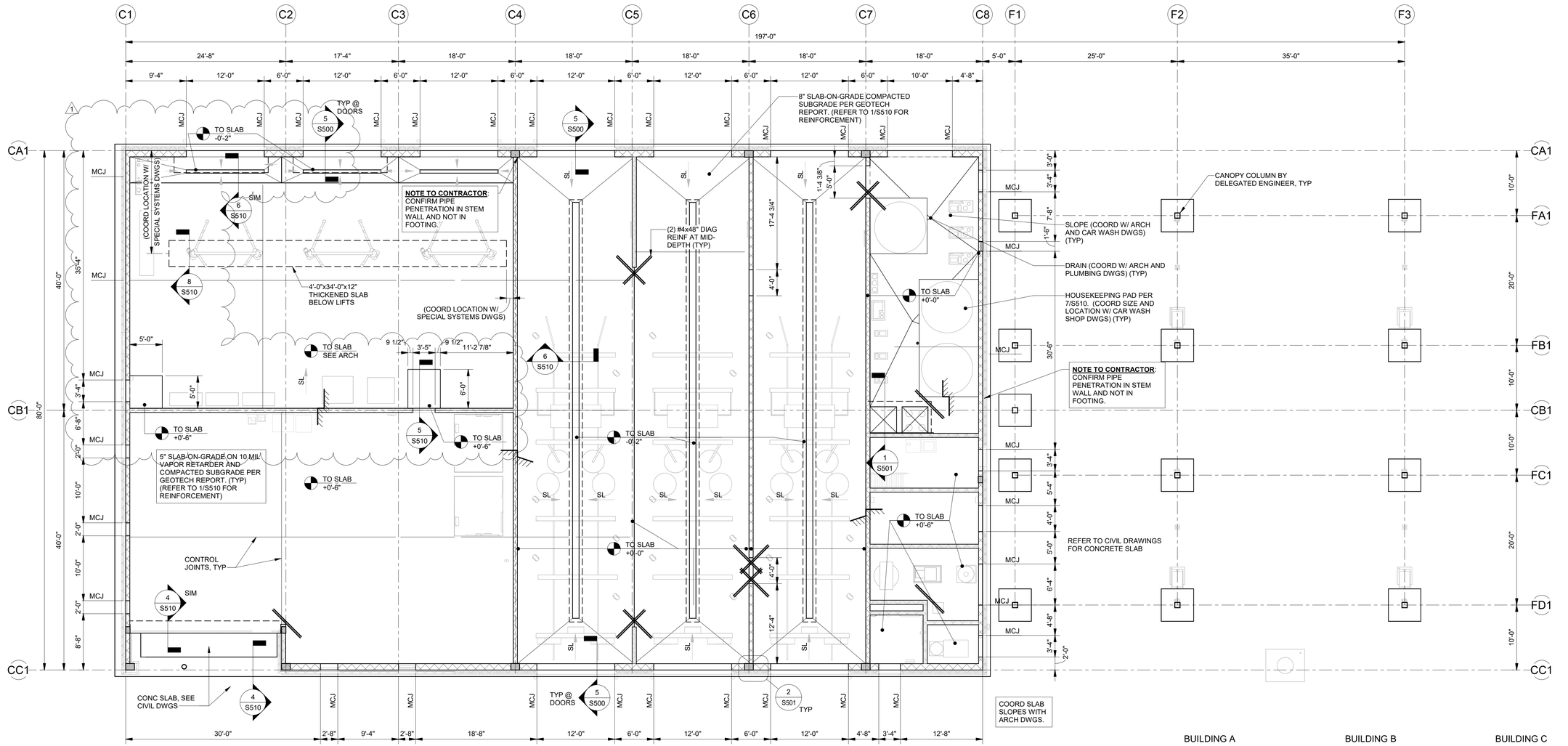
- CONC WALL
- NON-LOAD BEARING WALL
- LOAD BEARING WALL
- VENEER

NOTES:

1. COMPLY WITH SPECIFICATIONS AND GENERAL NOTES. THE FOLLOWING NOTES RELATING TO THE SLAB-ON-GRADE PLANS SHALL GOVERN UNLESS NOTED OTHERWISE.
2. PRIOR TO SLAB-ON-GRADE CONSTRUCTION, THE SUBGRADE SHALL BE PREPARED AND EVALUATED IN ACCORDANCE WITH THE RECOMMENDATIONS AND COMPACTION LIMITS PROVIDED IN THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC., DATED SEPTEMBER 2020. GEOTECHNICAL TESTING AGENT SHALL CONFIRM SUBGRADE MODULUS CAN BE ACHIEVED BASED ON FIELD-TESTED CONDITIONS.
3. REFER TO ARCH, MEP, FIRE PROTECTION, PROCESS, AND / OR CIVIL PLANS FOR LOCATIONS AND SIZES OF OPENINGS THROUGH CIP CONCRETE, AS WELL AS ALL NECESSARY EMBEDDED ITEMS.
4. REFER TO TYP SLAB-ON-GRADE DETAIL FOR REINFORCING SIZE, LOCATION, VAPOR BARRIER, AND OTHER INFORMATION.
5. RELATIVE SLAB-ON-GRADE FINISHED FLOOR ELEVATION SHALL BE 0'-0". ABSOLUTE SLAB-ON-GRADE FINISHED FLOOR ELEVATION SHALL BE +74.0' NGVD.
6. SLAB-ON-GRADE SHALL BE PLACED WITH CONSTRUCTION, ISOLATION, AND CONTROL JOINTS AS SHOWN. ANY DEVIATION SHALL BE SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER.
   A. PROVIDE ISOLATION JOINTS AT COLUMNS AND LATERAL BRACES, WHERE APPLICABLE.
7. REFER TO SPECIFICATIONS FOR FLOOR FLATNESS AND LEVELNESS REQUIREMENTS.
8. PROVIDE TROWEL FINISH IN ALL INTERIOR AREAS AND BROOM FINISH IN ALL EXTERIOR AREAS, UNLESS SPECIFIC FLOORING OR COATINGREQUIRES DIFFERENT CONCRETE FINISH. REFER TO ARCHITECTURAL PLANS FOR FLOOR FINISHINGS. ARCHITECTURAL FLOOR FINISH CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING MOISTURE CONTENT WITHIN SLAB PRIOR TO FLOORING OR COATING PLACEMENT.
9. PROVIDE RAISED CONCRETE PADS BENEATH EQUIPMENT AS NOTED ON EQUIPMENT PLANS BY OTHERS. SLAB SHALL HAVE ROUGHENED FINISH AND BONDING AGENT BELOW PAD PER TYPICAL PAD DETAIL. COORDINATE EXTENTS OF RAISED PADS WITH ARCH, MEP, FIRE PROTECTION, AND PROCESS DRAWINGS.
10. REFER TO ARCH, MEP, FIRE PROTECTION, PROCESS, AND / OR CIVIL PLANS FOR LOCATION OF FLOOR DRAINS. COORDINATE AREAS OF SLOPING FLOORS TO DRAINS.
11. FOR FOUNDATIONS THAT ARE FLUSH WITH FINISHED FLOOR ELEVATION OR THICKENED SLABS, THE VAPOR BARRIER SHALL BE LAPPED ONTO SLAB VAPOR BARRIER AND PROVIDED BENEATH THE FOUNDATION OR THICKENED SLAB.
12. ALL MASONRY WALLS SHALL BE REINFORCED AS FOLLOWS:

    8" MASONRY WALL - #5 AT 16" VERTICAL REINFORCEMENT HOT DIP GALVANIZED W1.7 LADDER TYPE HORIZ REINFORCEMENT AT 16"

    12" MASONRY WALL - #5 AT 24" VERTICAL REINFORCEMENT HOT DIP GALVINIZED W1.7 LADDER TYPE REINFORCEMENT AT 16"



1 S101A — SLAB-ON-GRADE PLAN - BUILDING A

SCALE: 1/8" = 1'-0" (0, 8, 16)

BUILDING A | BUILDING B | BUILDING C

SITE KEY

No:	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	JJF

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LICENSED PROFESSIONAL

JUAN J. FUENTES, PE, SE, SI, LEED AP

FLORIDA LICENSE NUMBER 62426

PROJECT NUMBER	144124059
DATE	01/17/2025
	As indicated
DESIGNED BY	JJF
DRAWN BY	PCM
CHECKED BY	JJF

SLAB-ON-GRADE PLAN - BUILDING A

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

SHEET NUMBER
S101A

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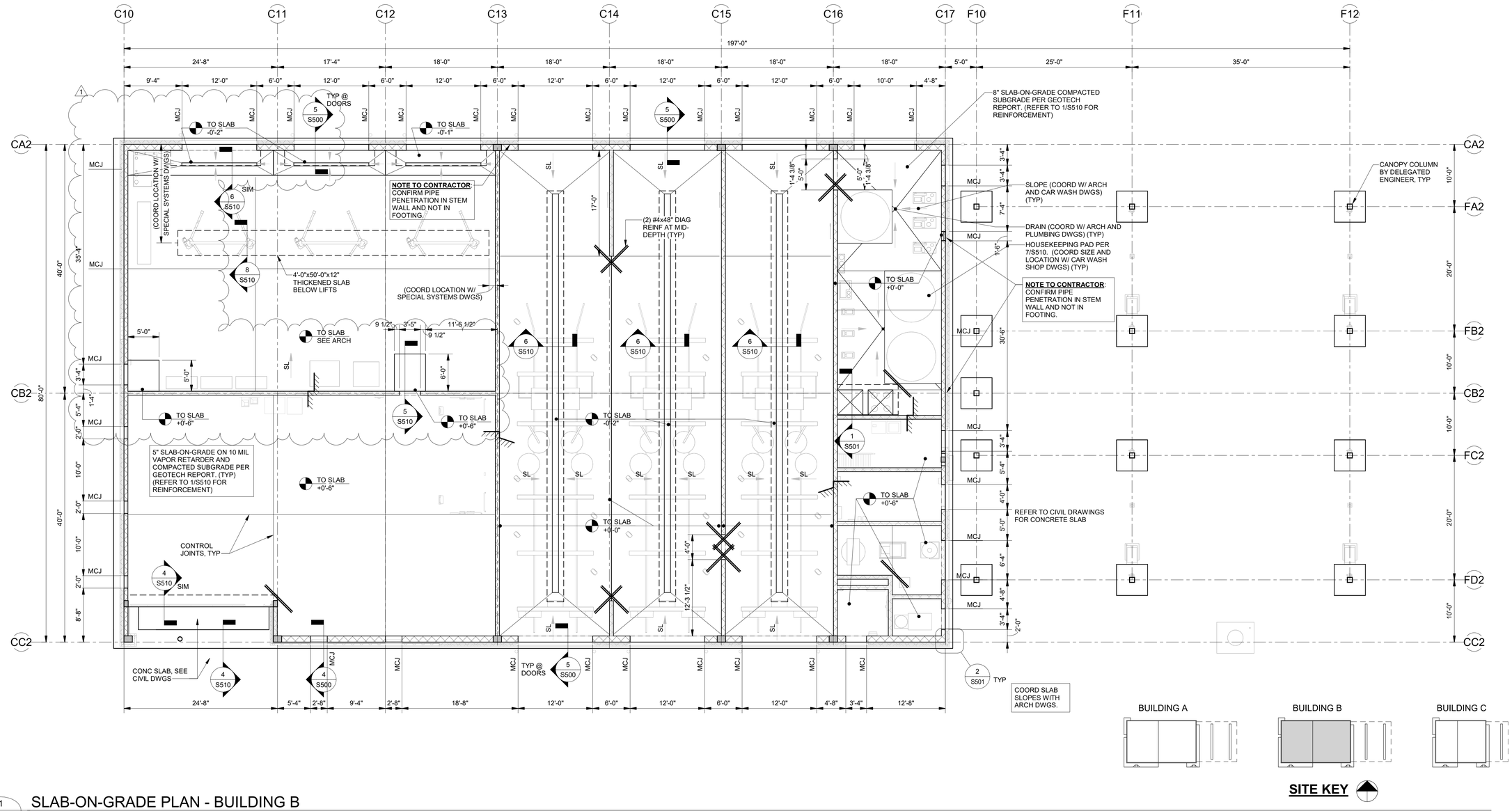
- CONC WALL
- NON-LOAD BEARING WALL
- LOAD BEARING WALL
- VENEER

NOTES:

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BUILDING A | BUILDING B | BUILDING C

SITE KEY

1 S101B — SLAB-ON-GRADE PLAN - BUILDING B

SCALE: 1/8" = 1'-0" (0, 8, 16)

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LICENSED PROFESSIONAL
JUAN J. FUENTES, PE, SE, SI, LEED AP
FLORIDA LICENSE NUMBER 62426

PROJECT NUMBER	144124059
DATE	01/17/2025
DESIGNED BY	JJF
DRAWN BY	PCM
CHECKED BY	JJF
As indicated	

SLAB-ON-GRADE PLAN - BUILDING B

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

SHEET NUMBER
S101B

LEGEND:

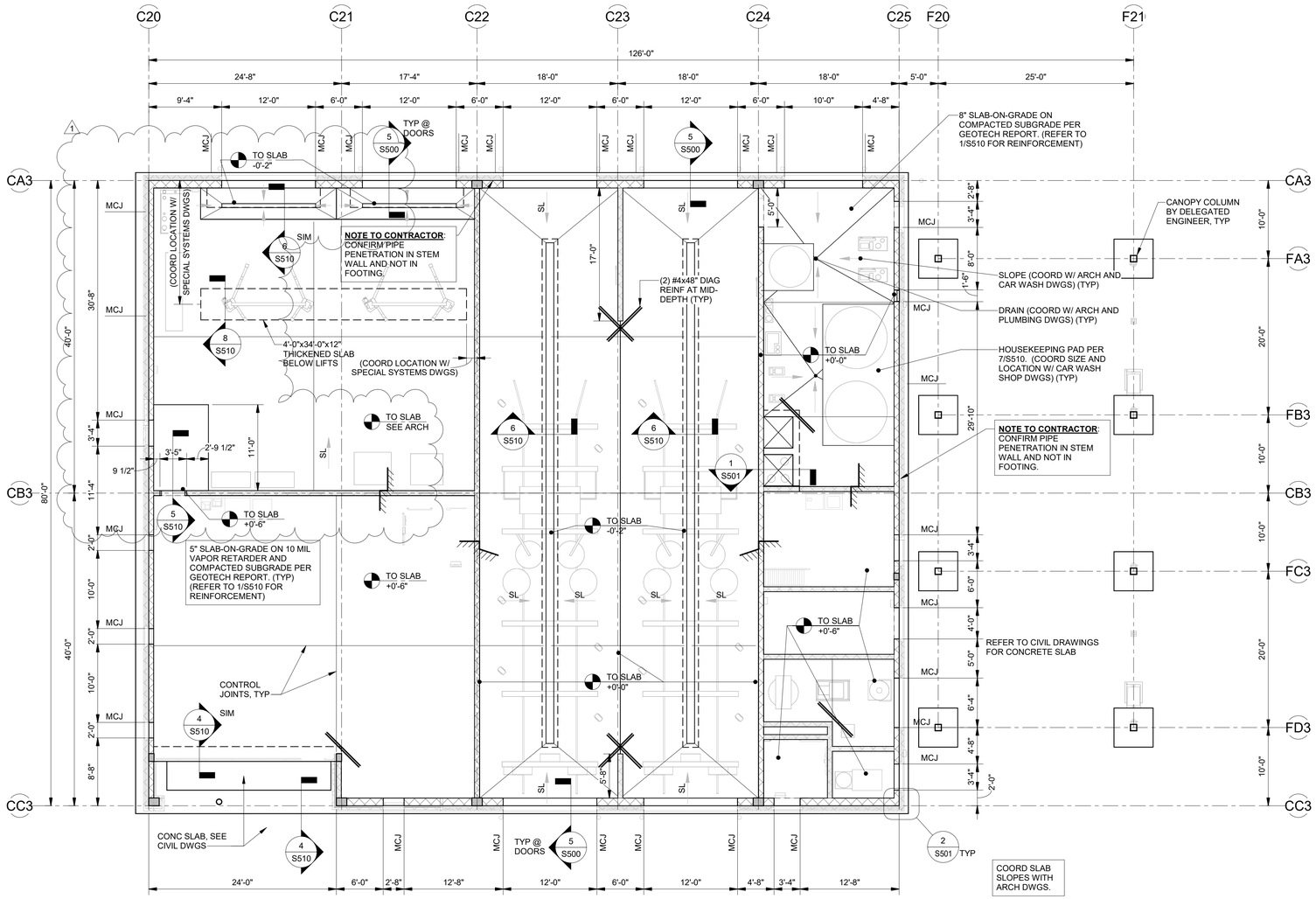
- CONC WALL
- NON-LOAD BEARING WALL
- LOAD BEARING WALL
- VENEER

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1 S101C — SLAB-ON-GRADE PLAN - BUILDING C

SCALE: 1/8" = 1'-0"

0 8 16

BUILDING A | BUILDING B | BUILDING C

SITE KEY

No:	REVISIONS	DATE	BY
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TALLAHASSEE, FL 32308 - PHONE: 850-383-3500
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LICENSED PROFESSIONAL
JUAN J. FUENTES, PE, SE, SI, LEED AP
FLORIDA LICENSE NUMBER 62426

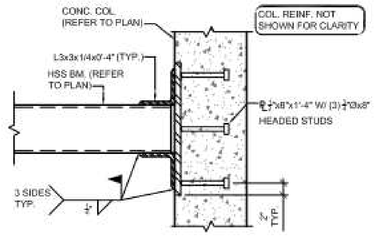
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DATE	01/17/2025
	As Indicated
DESIGNED BY	JJF
DRAWN BY	PCM
CHECKED BY	JJF

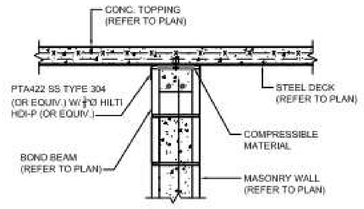
SLAB-ON-GRADE PLAN - BUILDING C

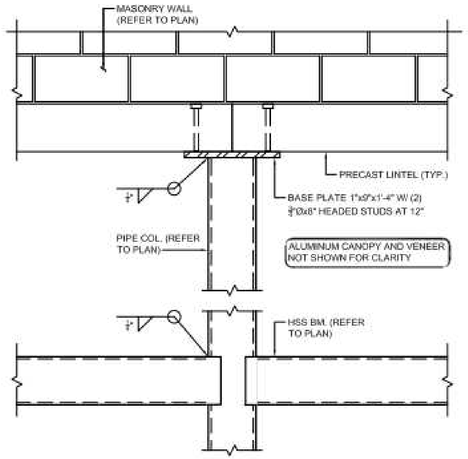
QUICK - TURNAROUND FACILITY
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S101C

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7 S530 HSS BM TO CONC COL

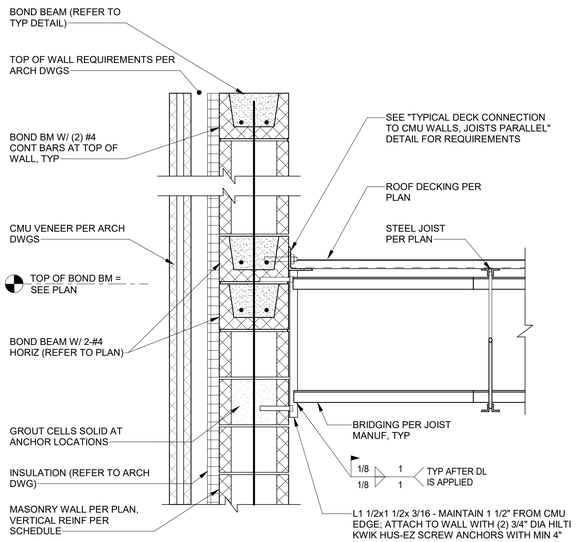
SCALE: 1" = 1'-0"

8 S530 NON-LOAD BEARING WALL TO STEEL DECK

SCALE: 1" = 1'-0"

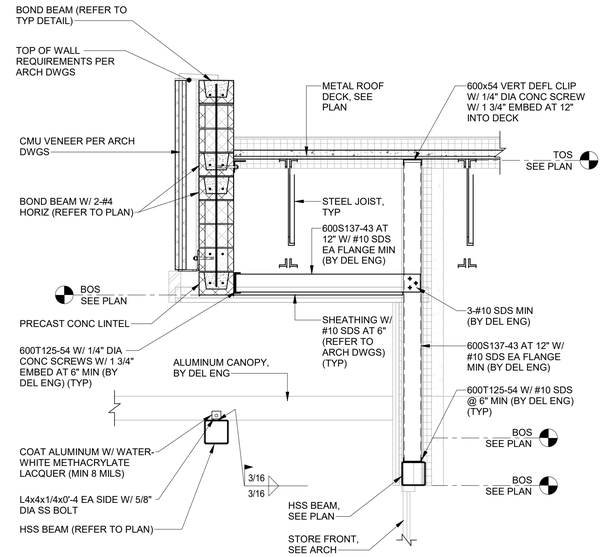
9 S530 LINTEL TO STEEL COL

SCALE: 1" = 1'-0"



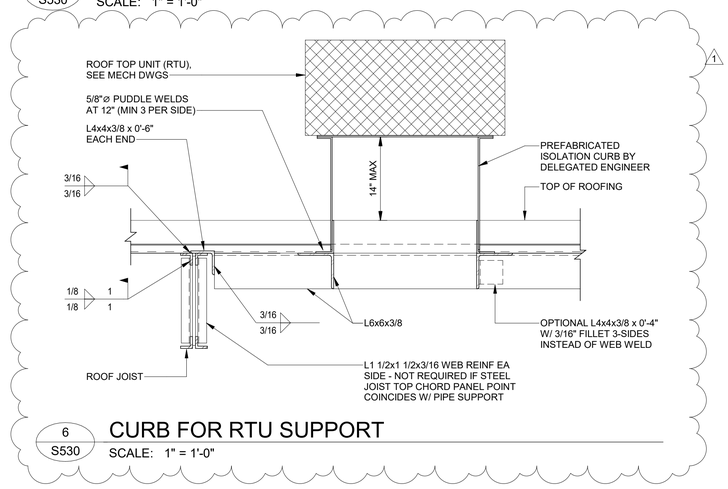
4 S530 HORIZONTAL BRIDGING TO CMU WALL

SCALE: NTS



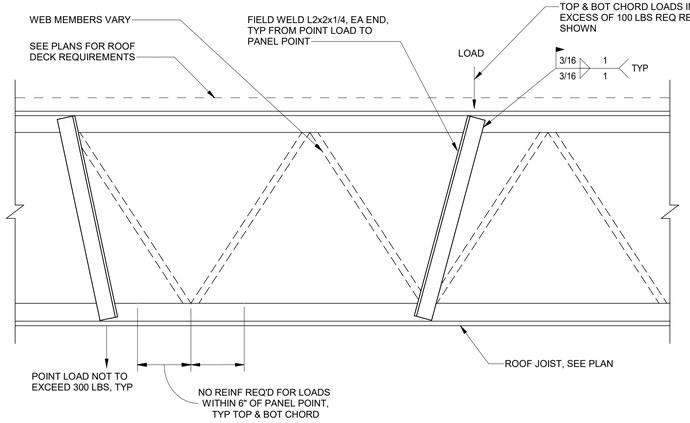
5 S530 SECTION THRU FRONT ENTRY

SCALE: 1/2" = 1'-0"



6 S530 CURB FOR RTU SUPPORT

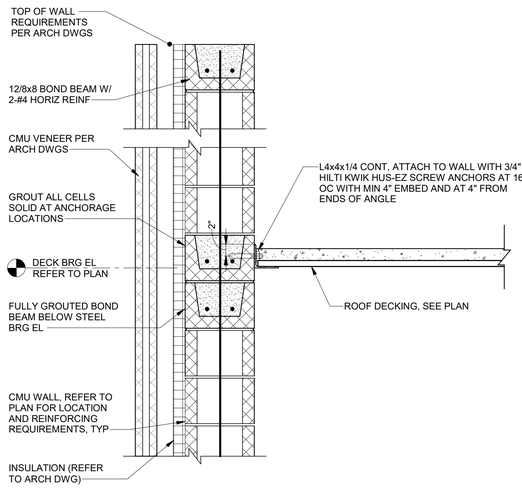
SCALE: 1" = 1'-0"



NOTES:
1. STRUCTURAL STEEL CONTRACTOR MUST FURNISH PRIMARY STEEL (COLUMNS, BEAMS, JOISTS, BRIDGING, CROSS-BRACING, ETC.) MEP CONTRACTORS MUST FURNISH ALL MISC STEEL AND FASTENERS REQ'D FOR REINF AND PIPING SUPPORT.
2. ALL SUPPORTING COMPONENTS MUST BE SUBMITTED TO ENGINEER FOR REVIEW.
3. HANGING LOAD SUPPORTS ON JOISTS MUST BE CONCENTRIC THROUGH CHORD ANGLES. BEAM CLAMPS ON THE OUTSTANDING ANGLE LEGS MUST NOT BE USED. UNISTRUT MAY BE USED TO SPAN BTWN JOISTS BOTTOM CHORDS; THE UNISTRUT MUST BE BOLTED THROUGH BOT CHORD, NOT BEARING ON LEG OF BOT CHORD ANGLE.

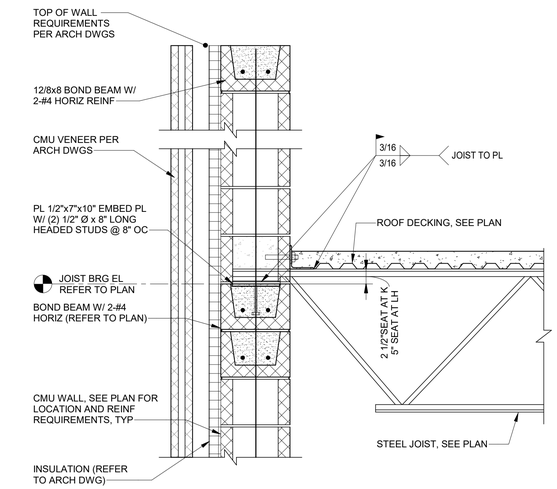
1 S530 TYPICAL JOIST REINFORCEMENT AT POINT LOADS

SCALE: NTS



2 S530 TYP DECK CONN TO CMU WALL - JOISTS PARALLEL

SCALE: NTS



3 S530 TYP JOIST AND DECK CONN TO CMU WALL - DECK PARALLEL

SCALE: 1" = 1'-0"

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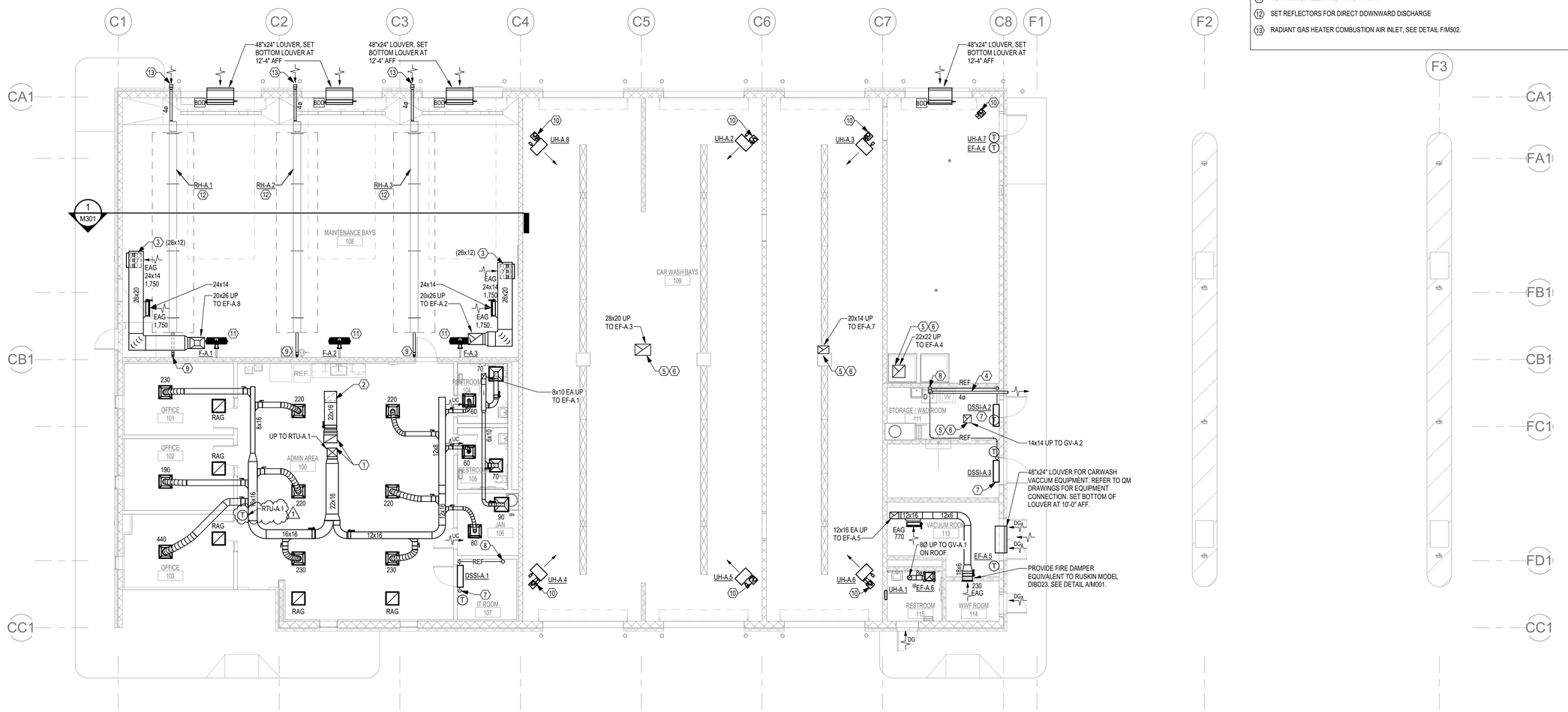
FRAMING DETAILS

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

SHEET NUMBER
S530

CONSTRUCTION KEYNOTES

1. DROP DUCTWORK DOWN AS REQUIRED TO SET BOTTOM OF DUCTWORK AT 24" ABOVE CEILING.
2. PROVIDE RETURN DUCTWORK WITH ELBOW UP AS INDICATED.
3. DROP EXHAUST DUCTWORK DOWN TO 18" AFF.
4. 4" DRYER VENT UP TO 10-6" AFF AND THRU EXTERIOR WALL AS INDICATED. PROVIDE ALUMINUM WALL CAP WITH BACKDRAFT DAMPER AT TERMINATION, SEIHO MODEL CFXC 4 OR APPROVED EQUAL. SEE DETAIL D/M501.
5. EXTEND FULL-SIZE 304 STAINLESS STEEL DUCT DOWN TO 18" BELOW STRUCTURE.
6. PROVIDE STAINLESS STEEL EXPANDED BIRD SCREEN MESH OVER OPENING.
7. ROUTE CONDENSATE PIPING NEATLY DOWN WALL TO HUB DRAIN. REFER TO PLUMBING DRAWINGS FOR HUB DRAIN LOCATION. SECURE CONDENSATE PIPING TO WALL.
8. REFRIGERANT PIPING UP TO ROOF MOUNTED CONDENSING UNIT.
9. SINGLE EXHAUST VENT UP THROUGH ROOF, SEE DETAIL C/M502.
10. COMBINATION FLUE/VENT THRU ROOF. SEE DETAIL J/M503.
11. SET MINIMUM ELEVATION AT 8'-4" AFF.
12. SET REFLECTORS FOR DIRECT DOWNWARD DISCHARGE
13. RADIANT GAS HEATER COMBUSTION AIR INLET, SEE DETAIL F/M502.



1 1/8" = 1'-0" **HVAC FLOOR PLAN - BUILDING A**

BUILDING A BUILDING B BUILDING C

SITE KEY

No:	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	RDR

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1111 LEFTA AVENUE
TALLAHASSEE, FL 32308
(850) 224-7427
www.MEEengineering.com

LICENSED PROFESSIONAL
Scott T. Craig Jr., P.E.
FL LICENSE NUMBER #73938

PROJECT NUMBER	DESIGNED BY	RDR
144124059	DRAWN BY	MAW
DATE 01/17/2025	CHECKED BY	STC
1/8" = 1'-0"		

THREE BAY FLOOR PLAN - BUILDING A

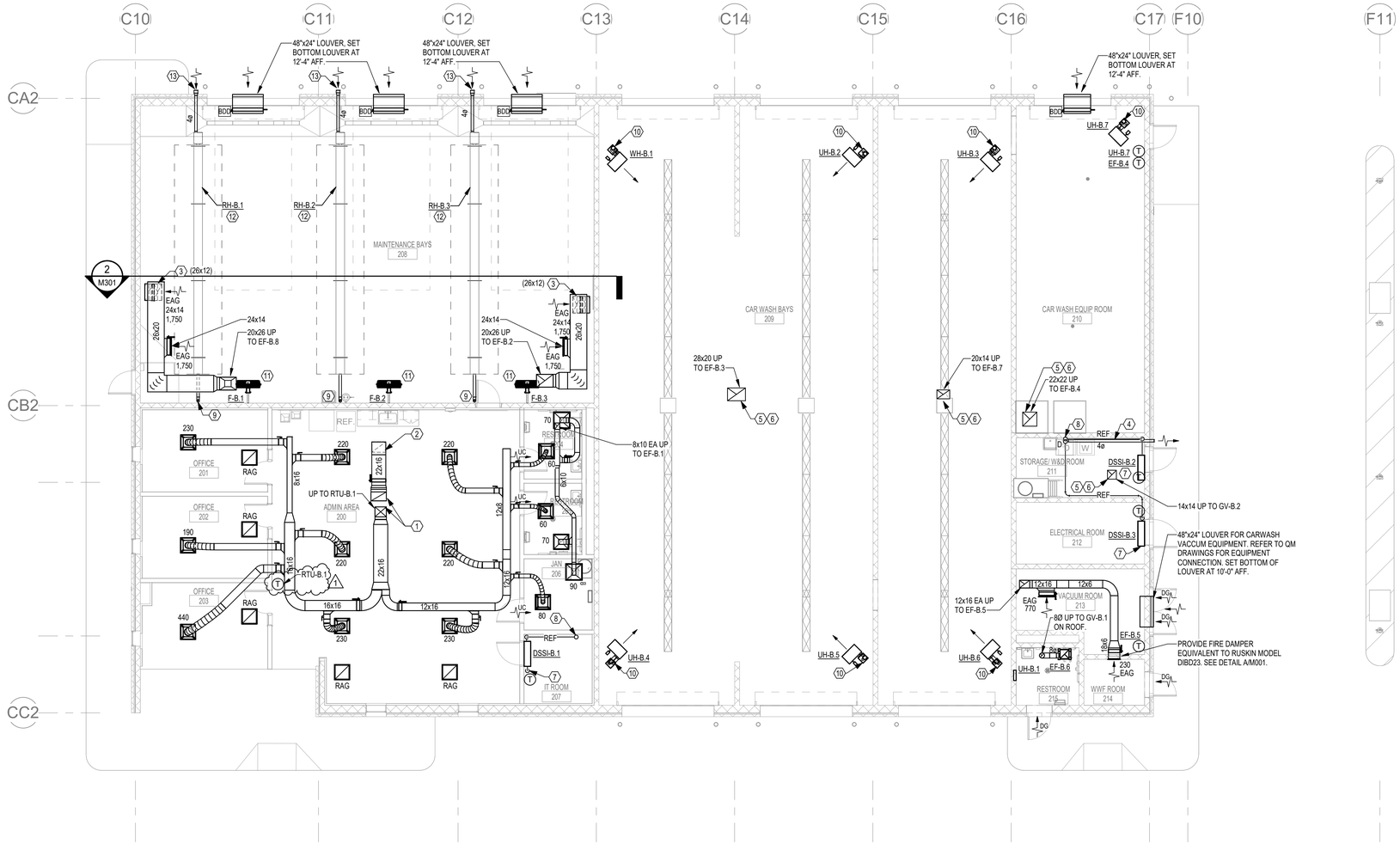
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1 1/8" = 1'-0" **HVAC FLOOR PLAN - BUILDING B**

BUILDING A | BUILDING B | BUILDING C

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Florida Registry #2485

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LICENSED PROFESSIONAL
Scott T. Craig Jr., P.E.
FL LICENSE NUMBER #73938

PROJECT NUMBER	144124059
DATE	01/17/2025
1/8" = 1'-0"	
DESIGNED BY	RDR
DRAWN BY	MAW
CHECKED BY	STC

THREE BAY FLOOR PLAN - BUILDING B

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

SHEET NUMBER
M102

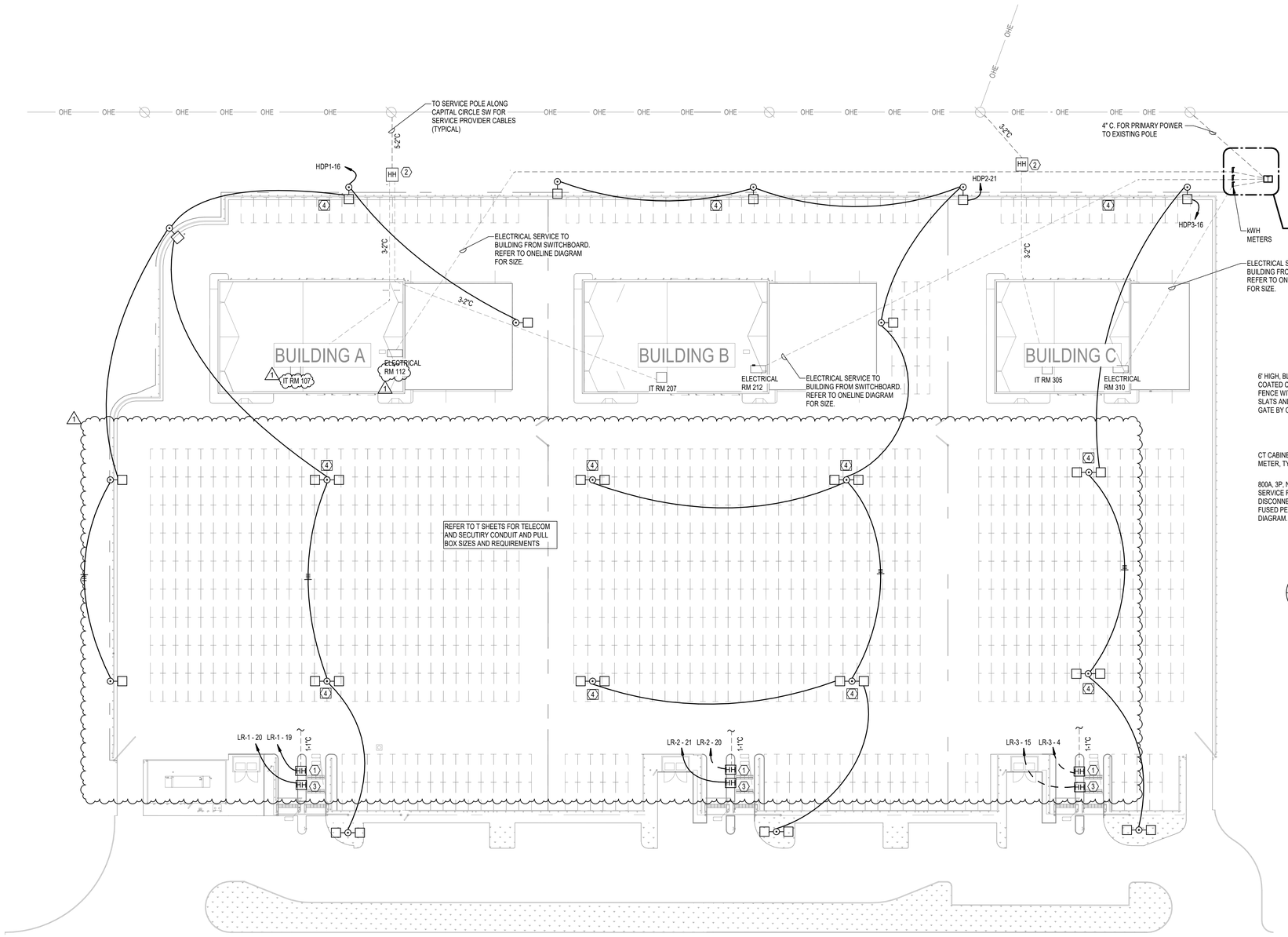
4/21/2025 4:36:21 PM Autodesk Docs://TIA1/GTA Buildings/TIA1 GTA Building_MEP-HVE_2024.rvt
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RENOVATION GENERAL NOTES

1. ALL POLE FIXTURES SHALL BE TYPE 'B' UNO. NEW POLE MOUNT LIGHT FIXTURES SHALL BE ON CONCRETE BASES; SEE DETAIL E/E500. CONNECT EACH 277/1PHASE FIXTURE TO ONE PHASE AND NEUTRAL OF 3-PHASE, 4W CIRCUIT. ALTERNATE FIXTURES ON A,B,C PHASES SO EQUAL NUMBER OF FIXTURES ON EACH PHASE.
2. REFER TO ONE-LINE DIAGRAM FOR FEEDER SIZES.

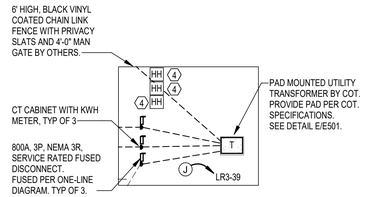
RENOVATION KEYNOTES

1. PROVIDE 12"x12"x12" POLYMER CONCRETE HANDHOLE WITH "GATE CONTROLS" IN LID; OLD CASTLE POLYMER 1212-12 OR APPROVED EQUAL. ROUTE 1-1"CONDUIT FROM HANDHOLE BACK TO IT ROOM IN BUILDING, SEE T-SHEETS FOR MORE INFORMATION.
2. 36"x24"x24" POLYMER CONCRETE HANDHOLE WITH "TELECOM" IN LID. OLDCASTLE POLYMER 2436-24 OR APPROVED EQUAL.
3. PROVIDE 12"x12"x12" POLYMER CONCRETE HANDHOLE WITH "GATE POWER" IN LID; OLD CASTLE POLYMER 12-12-12 OR APPROVED EQUAL. ROUTE TWO GATE CIRCUITS THROUGH SINGLE 2" CONDUIT FROM HANDHOLE BACK TO POWER PANEL AND CIRCUIT DESIGNATED. ROUTE 2-#8, 1-#8G, 1"C FROM HAND HOLD TO EACH PLATE BARRIER.
4. HANDHOLE FOR FUTURE ELECTRIC VEHICLE CHARGING STATIONS. #OLDCASTLE CHRISTY G12 OR EQUAL. RUN 2-4" CONDUIT BACK TO ASSOCIATED HANDHOLE IN ELECTRICAL UTILITY YARD. CONFIRM FINAL HANDHOLE LOCATIONS WITH OWNER.



ELECTRICAL UTILITY YARD

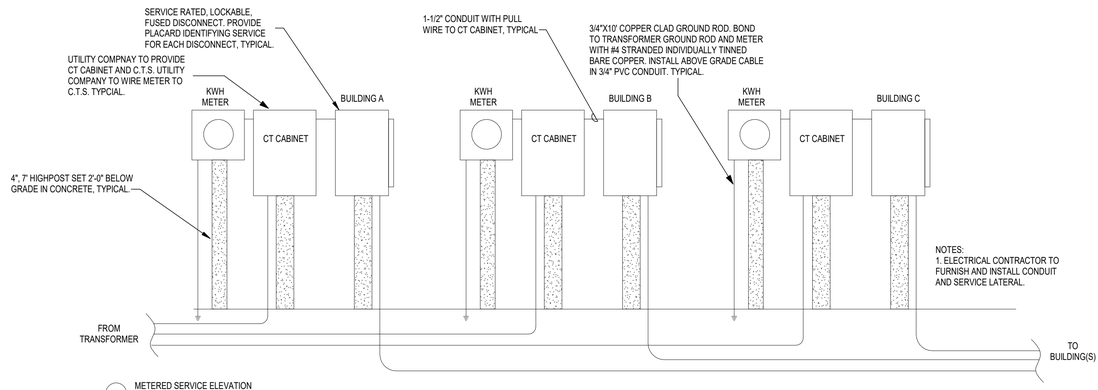
2 / E100 — 1" = 20'-0"



ELECTRICAL SITE PLAN

1 — 1" = 40'-0"

PROJECT NORTH



1 — METERED SERVICE ELEVATION

N.T.S.

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	ADW

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LICENSED PROFESSIONAL
Anthony D Wyrick, P.E.
FL LICENSE NUMBER
#98346

PROJECT NUMBER	144124059
DATE	01/17/2025
	As indicated
DESIGNED BY	ADW
DRAWN BY	GAG
CHECKED BY	ADW

ELECTRICAL SITE PLAN

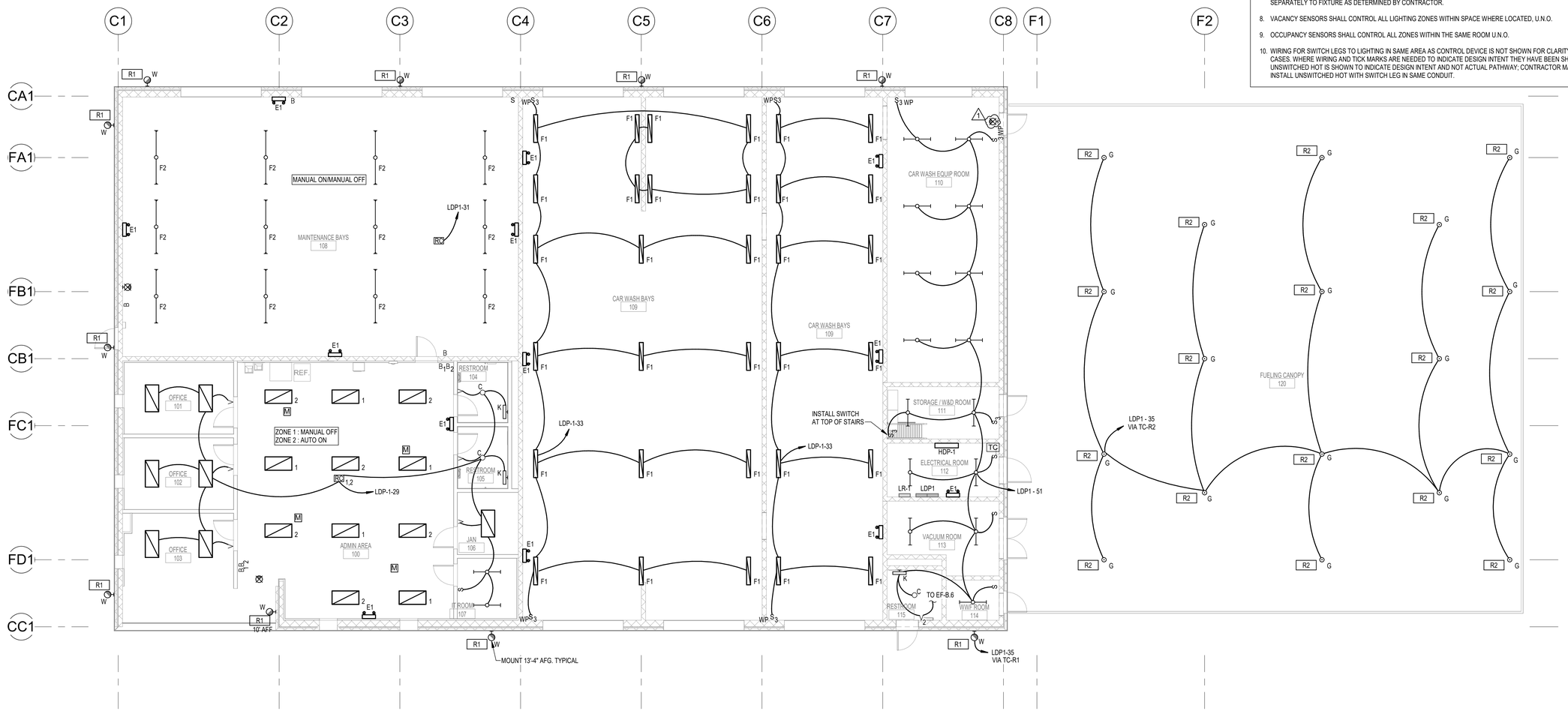
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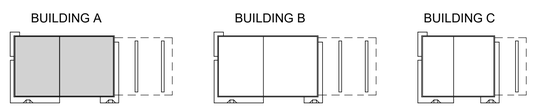
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GENERAL NOTES

1. ALL 2X2 FIXTURES SHALL BE TYPE 'A' UNO.
2. ALL 2X4 FIXTURES SHALL BE TYPE 'AZ' UNO.
3. ALL STRIP FIXTURES SHALL BE TYPE 'F' UNO.
4. ALL EMERGENCY EXIT FIXTURES SHALL BE TYPE 'E' UNO.
5. LOCATIONS OF PULL BOXES AND CONTOLLERS ON PLANS (DRC, RC, PC, ELCR, LTS, ETC.) IS DIAGRAMATIC AND SHOWN FOR CLARITY. COORDINATE EXPOSED LOCATIONS WITH ARCHITECT, GENERALLY LAYOUT SHALL BE NEAT, ORGANIZED AND IN-LINE WITH EXPOSED RACEWAYS AND BUILDING LINES. IN ROOMS/AREAS WITH INACCESSIBLE CEILINGS LOCATE DEVICES IN ADJACENT ACCESSIBLE SPACE OR PROVIDE CEILING ACCESS PANEL; COORDINATE LOCATION OF ACCESS PANEL WITH ARCHITECT.
6. LOCATION OF CEILING MOUNT AND WALL MOUNT DEVICES IS DIAGRAMMATIC AND SHOWN FOR CLARITY. REFER TO ARCHITECTURAL RCP PLAN FOR EXACT LOCATION OF ALL CEILING MOUNT DEVICES. WHERE NOT INDICATED ON ARCHITECT'S RCP PLAN COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH ARCHITECT FOR FINAL LOCATION OF ALL EXTERIOR AND INTERIOR WALL MOUNT DEVICES.
7. CONNECT EMERGENCY LIGHT FIXTURES AND EXIT SIGNS TO UNSWITCHED LIGHTING CIRCUIT SERVING NORMAL POWER LIGHTING FIXTURES LOCATED IN SAME ROOM OR SPACE AS EMERGENCY FIXTURE. UNSWITCHED LEG IS NOT INDICATED IN PLAN IN ALL CASES FOR CLARITY BUT IS REQUIRED AND MAY BE RUN WITH SWITCH LEG OR SEPARATELY TO FIXTURE AS DETERMINED BY CONTRACTOR.
8. VACANCY SENSORS SHALL CONTROL ALL LIGHTING ZONES WITHIN SPACE WHERE LOCATED, U.N.O.
9. OCCUPANCY SENSORS SHALL CONTROL ALL ZONES WITHIN THE SAME ROOM U.N.O.
10. WIRING FOR SWITCH LEGS TO LIGHTING IN SAME AREA AS CONTROL DEVICE IS NOT SHOWN FOR CLARITY IN ALL CASES. WHERE WIRING AND TICK MARKS ARE NEEDED TO INDICATE DESIGN INTENT THEY HAVE BEEN SHOWN. UNSWITCHED HOT IS SHOWN TO INDICATE DESIGN INTENT AND NOT ACTUAL PATHWAY; CONTRACTOR MAY INSTALL UNSWITCHED HOT WITH SWITCH LEG IN SAME CONDUIT.





SITE KEY

1 1/8" = 1'-0" **LIGHTING FLOOR PLAN - BUILDING A**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/30/25	ADW

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LICENSED PROFESSIONAL

Anthony D Wyrick, P.E.

FL LICENSE NUMBER #98346

PROJECT NUMBER	144124059
DATE	01/17/2025
1/8" = 1'-0"	
DESIGNED BY	ADW
DRAWN BY	GAG
CHECKED BY	ADW

LIGHTING FLOOR PLAN - BUILDING A

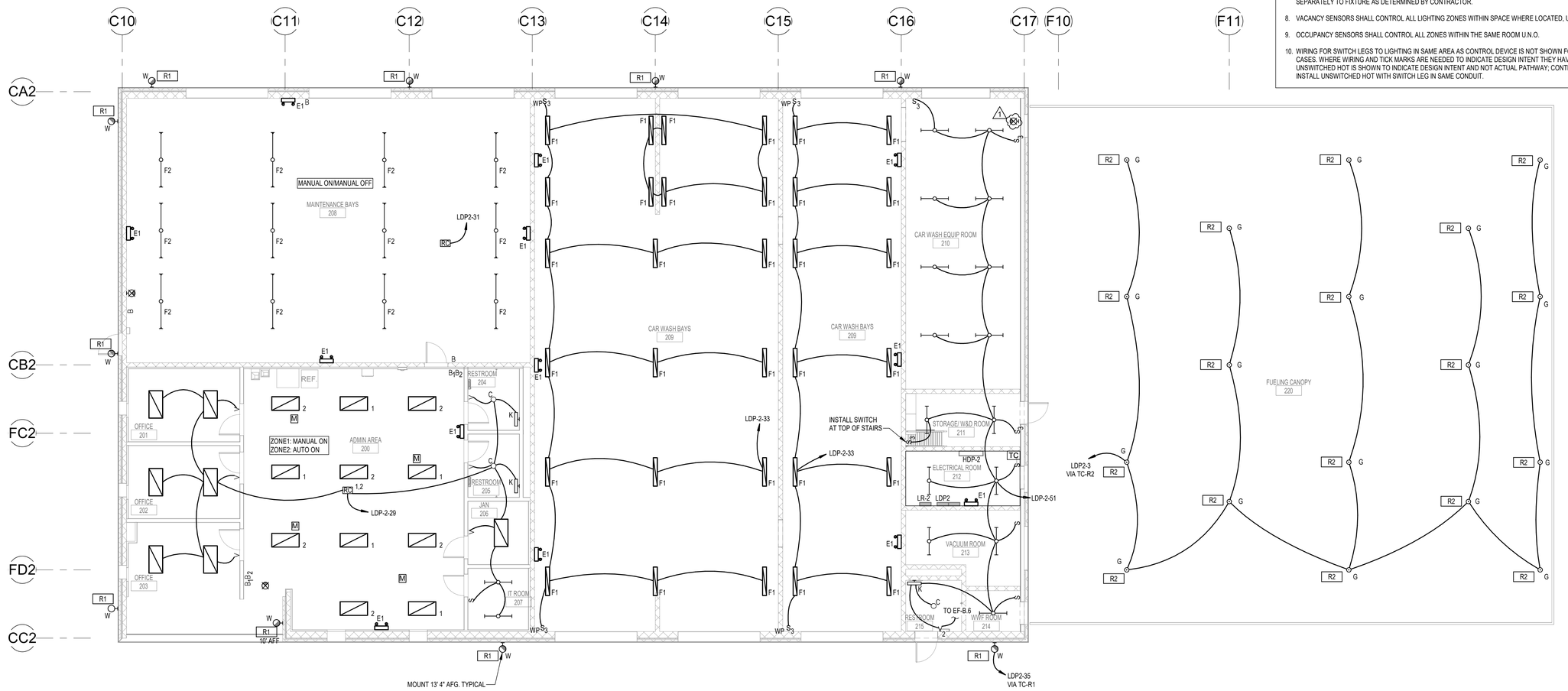
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GENERAL NOTES

1. ALL 2X2 FIXTURES SHALL BE TYPE 'A' UNO.
2. ALL 2X4 FIXTURES SHALL BE TYPE 'A2' UNO.
3. ALL STRIP FIXTURES SHALL BE TYPE 'F' UNO.
4. ALL EMERGENCY EXIT FIXTURES SHALL BE TYPE 'E' UNO.
5. LOCATIONS OF PULL BOXES AND CONTOLLERS ON PLANS (DRC, RC, PC, ELCR, LTS, ETC.) IS DIAGRAMATIC AND SHOWN FOR CLARITY. COORDINATE EXPOSED LOCATIONS WITH ARCHITECT, GENERALLY LAYOUT SHALL BE NEAT, ORGANIZED AND IN-LINE WITH EXPOSED RACEWAYS AND BUILDING LINES. IN ROOMS/AREAS WITH INACCESSIBLE CEILINGS LOCATE DEVICES IN ADJACENT ACCESSIBLE SPACE OR PROVIDE CEILING ACCESS PANEL; COORDINATE LOCATION OF ACCESS PANEL WITH ARCHITECT.
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BUILDING A | BUILDING B | BUILDING C

SITE KEY

1 1/8" = 1'-0" **LIGHTING FLOOR PLAN - BUILDING B**

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FL LICENSE NUMBER
#98346

PROJECT NUMBER	144124059
DATE	01/17/2025
1/8" = 1'-0"	
DESIGNED BY	ADW
DRAWN BY	GAG
CHECKED BY	ADW

LIGHTING FLOOR PLAN - BUILDING B

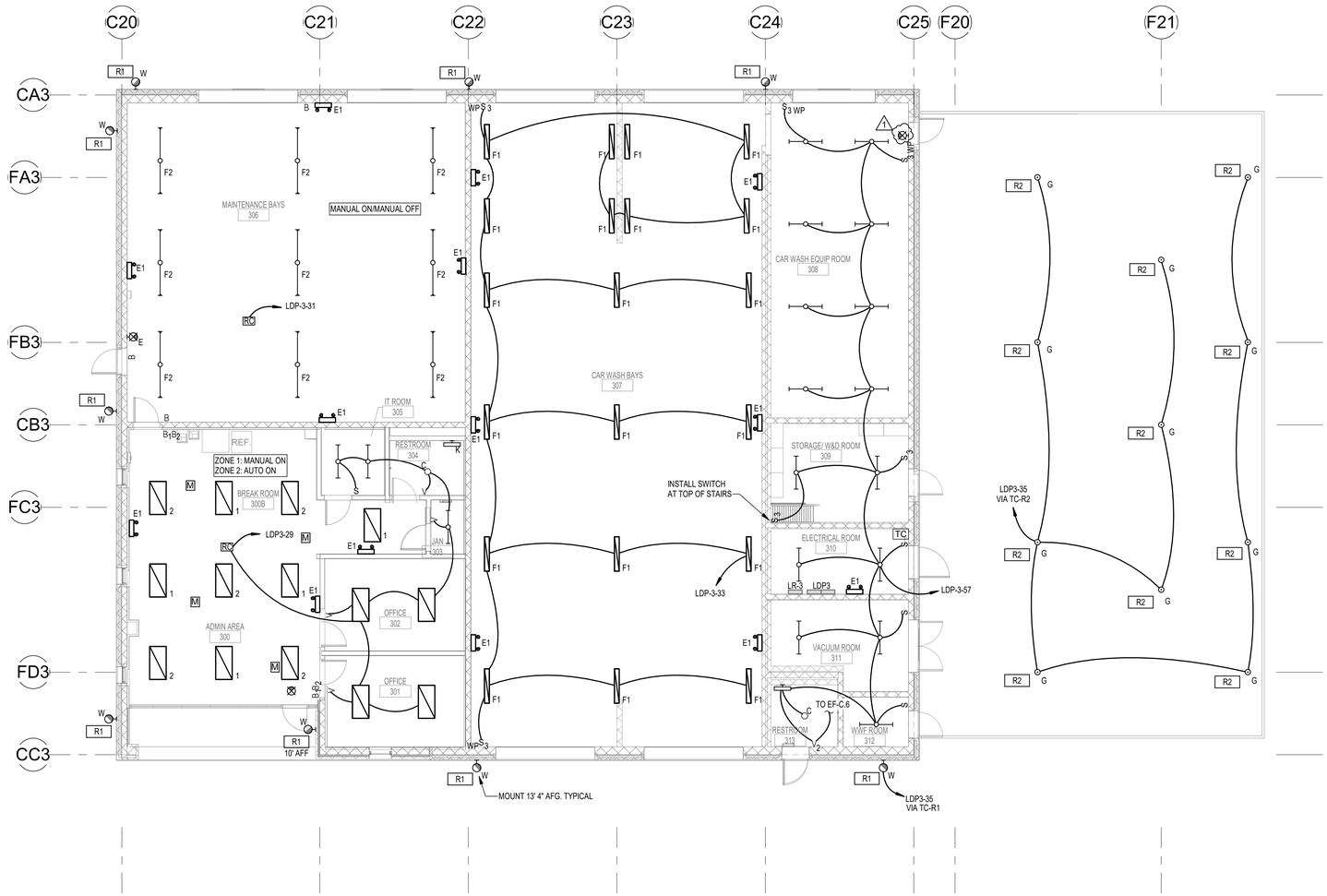
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1 1/8" = 1'-0" **LIGHTING FLOOR PLAN - BUILDING C**

BUILDING A BUILDING B BUILDING C

SITE KEY

No.	REVISIONS	DATE	BY
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LICENSED PROFESSIONAL

Anthony D Wyrick, P.E.

FL LICENSE NUMBER
#98346

PROJECT NUMBER	144124059
DATE	01/17/2025
1/8" = 1'-0"	
DESIGNED BY	ADW
DRAWN BY	GAG
CHECKED BY	ADW

LIGHTING FLOOR PLAN - BUILDING C

QUICK - TURNAROUND FACILITY
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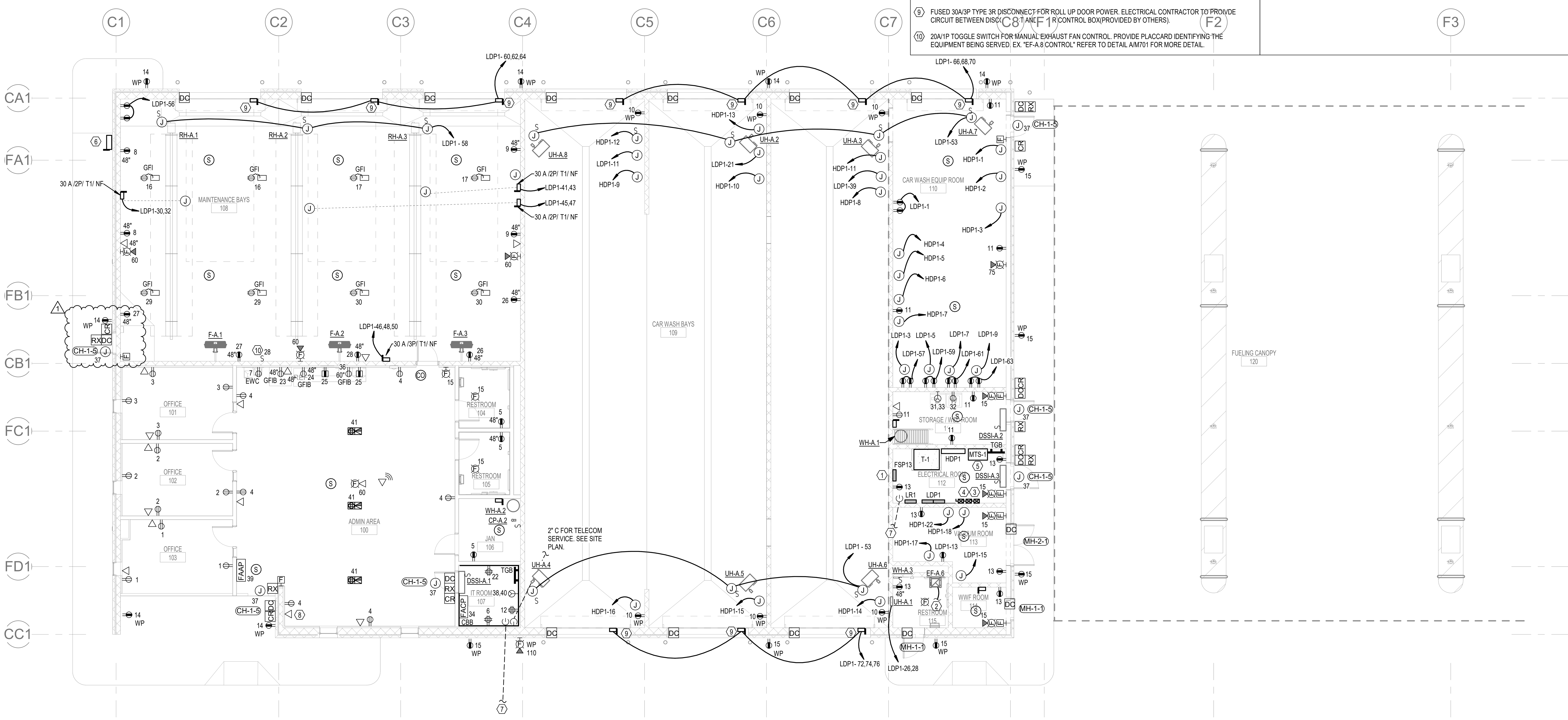
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KEYNOTES

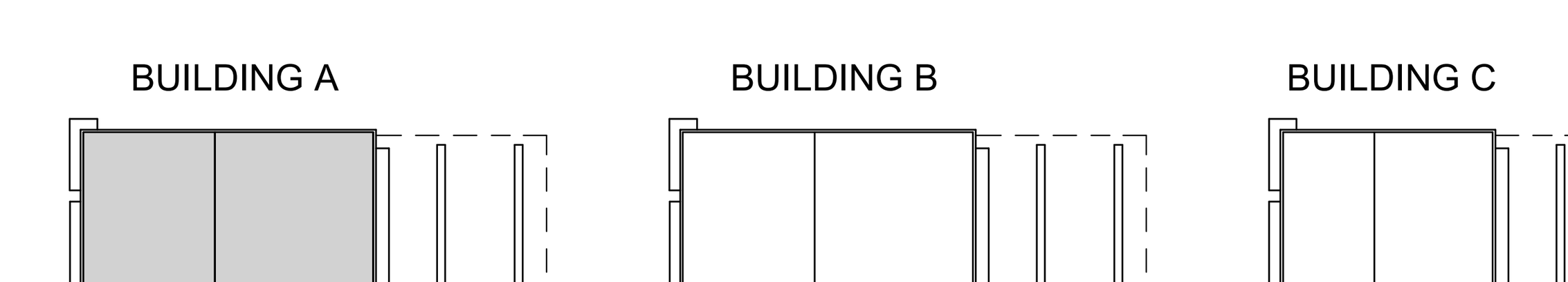
1. ELECTRICAL AND CONTROL PANELS BY CARWASH & FUELING ELECTRIC CONTRACTOR. SEE QE SHEETS FOR MORE INFORMATION.
2. TO OCCUPANCY SENSOR SHOWN ON SHEET E101.
3. PROVIDE SIZE 0, 208VAC/3-POLE, NON-REVERSING MOTOR STARTER IN TYPE 1 ENCLOSURE WITH 120VAC COIL, H-O-A SELECTOR SWITCH AND RUN/STOP INDICATOR LIGHTS FOR ROOFTOP EXHAUST FANS EFA.2 & EFA.3. PROVIDE 120VAC CIRCUIT FROM PANEL LDP1 (2#12,1-#12G,1-1/2"C) TO EACH STARTER VIA TIMECLOCK IN ROOM 110; CIRCUIT CONTROL CIRCUIT THROUGH SEPARATE RELAY (R3 & R4) FOR EACH FAN.
4. PROVIDE SIZE 0, 208VAC/2-POLE, NON-REVERSING MOTOR STARTER IN TYPE 1 ENCLOSURE WITH 120VAC COIL, H-O-A SELECTOR SWITCH AND RUN/STOP INDICATOR LIGHTS FOR ROOFTOP EXHAUST FANS EFA.4. PROVIDE 120VAC CIRCUIT FROM PANEL LDP1 (2#12,1-#12G,1-1/2"C) TO EACH STARTER VIA TIMECLOCK IN ROOM 110; CIRCUIT CONTROL CIRCUIT THROUGH DEDICATED RELAY (R5).
5. 800A, 3 PHASE, NONFUSED, NEMA 1, SINGLE-THROW MANUAL TRANSFER SWITCH. PROVIDE LABELS FOR SWITCH POSITIONS "UTILITY SERVICE" , "GENERATOR". #ASCO SERIES 300 MTS OR APPROVED EQUAL.
6. 800A, 480V, 3 PHASE, NEMA 3R, GENERATOR QUICK CONNECT PANEL.
7. TO SECURITY GATE. REFER TO T SHEETS FOR MORE INFORMATION.
8. COORDINATE LOCATION AND MOUNTING HEIGHT OF POWER AND DATA FOR OWNER PROVIDED EQUIPMENT.
9. FUSED 30A/3P TYPE 3R DISCONNECT FOR ROLL UP DOOR POWER. ELECTRICAL CONTRACTOR TO PROIVDE CIRCUIT BETWEEN DISC T AND R CONTROL BOX(PROVIDED BY OTHERS).
10. 20A/1P TOGGLE SWITCH FOR MANUAL EXHAUST FAN CONTROL. PROVIDE PLACCARD IDENTIFYING THE EQUIPMENT BEING SERVED. EX. "EF-A.8 CONTROL" REFER TO DETAIL A/M701 FOR MORE DETAIL.

GENERAL NOTES

1. DEVICES ON SHEET E201, E202, AND E203 SHALL BE POWERED FROM PANELS LR-1, LR-2 AND LR-3 RESPECTIVELY, UNO. DEVICES ARE LABELED WITH CIRCUIT NUMBER CORRESPONDING TO DESIGNATED PANEL.
2. MECHANICAL EQUIPMENT DISCONNECTS SHOWN ON PLANS ARE DIAGRAMMATIC AND SHOWN FOR CLARITY. COORDINATE EXACT LOCATION WITH ARCHITECT IN ACCORDANCE WITH NEC 2017 APPLICABLE REQUIRED WORKING CLEARANCES PRIOR TO ROUGH IN. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E400 FOR CIRCUITING INFORMATION.
3. LOCATIONS OF PULL BOXES AND CONTOLLERS ON PLANS (DRC, RC, PC, ELCR, LTS, ETC.) IS DIAGRAMATIC AND SHOWN FOR CLARITY. COORDINATE EXPOSED LOCATIONS WITH ARCHITECT, GENERALLY LAYOUT SHALL BE NEAT, ORGANIZED AND IN-LINE WITH EXPOSED RACEWAYS AND BUILDING LINES. IN ROOMS/AREAS WITH INACCESSIBLE CEILINGS LOCATE DEVICES IN ADJACENT ACCESSIBLE SPACE OR PROVIDE CEILING ACCESS PANEL; COORDINATE LOCATION OF ACCESS PANEL WITH ARCHITECT.
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1 1/8" = 1'-0" **POWER FLOOR PLAN - BUILDING A**



SITE KEY

No:	REVISIONS	DATE	BY
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FL LICENSE NUMBER
#98346

PROJECT NUMBER 144124059
DATE 01/17/2025
1/8" = 1'-0"
DESIGNED BY ADW
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CHECKED BY ADW

POWER FLOOR PLAN - BUILDING A

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

SHEET NUMBER
E201

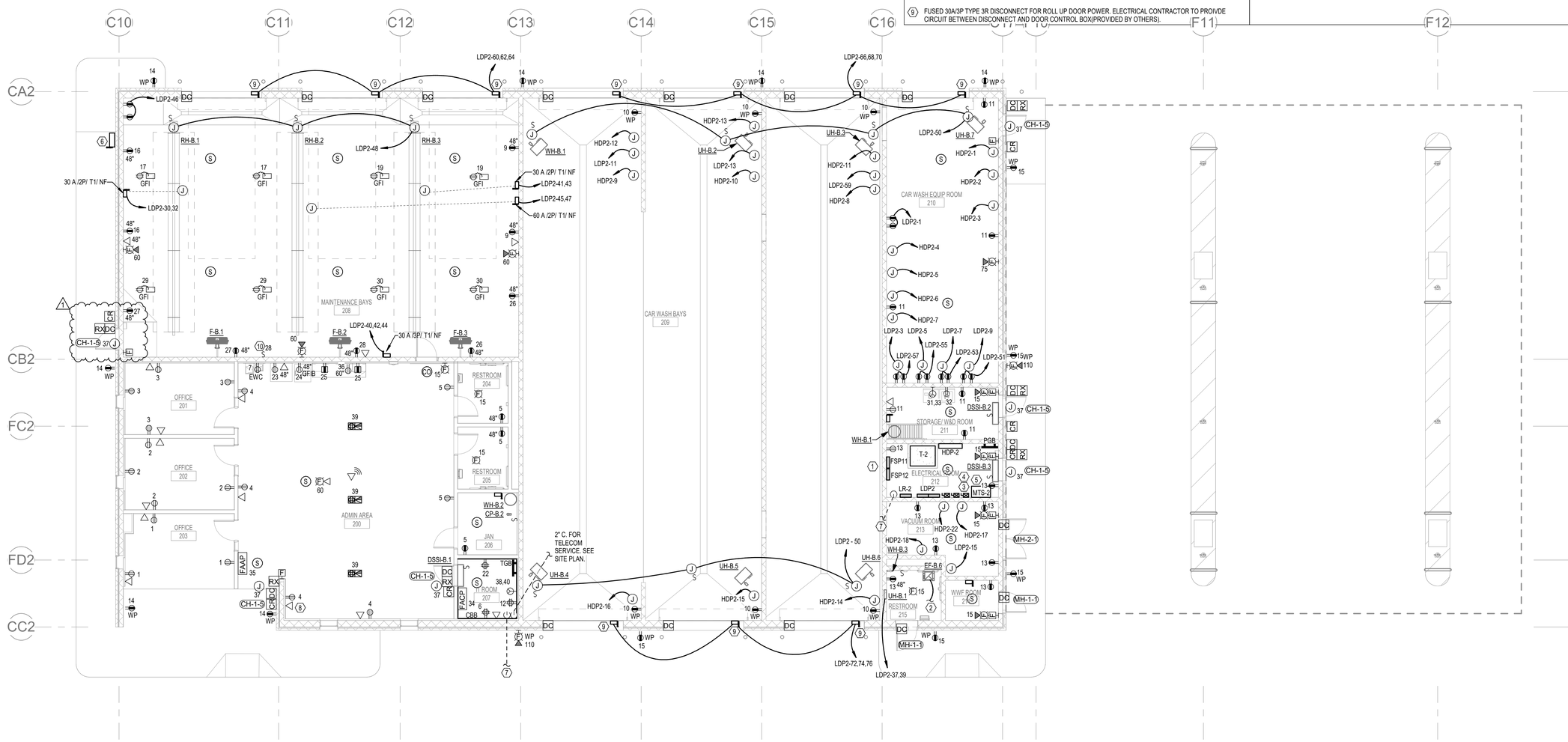
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RENOVATION KEYNOTES

1. ELECTRICAL AND CONTROL PANELS BY CARWASH & FUELING ELECTRIC CONTRACTOR. SEE QE SHEETS FOR MORE INFORMATION.
2. TO OCCUPANCY SENSOR SHOWN ON SHEET E201.
3. PROVIDE SIZE 0, 208VAC/3-POLE, NON-REVERSING MOTOR STARTER IN TYPE 1 ENCLOSURE WITH 120VAC COIL, H-O-A SELECTOR SWITCH AND RUN/STOP INDICATOR LIGHTS FOR ROOFTOP EXHAUST FANS EFB.2 & EFB.3. PROVIDE 120VAC CIRCUIT FROM PANEL LDP2 (2#12,1-#12G,1-1/2"C) TO EACH STARTER VIA TIMECLOCK IN ROOM 110; CIRCUIT CONTROL CIRCUIT THROUGH SEPARATE RELAY (R3 & R4) FOR EACH FAN.
4. PROVIDE SIZE 0, 208VAC/2-POLE, NON-REVERSING MOTOR STARTER IN TYPE 1 ENCLOSURE WITH 120VAC COIL, H-O-A SELECTOR SWITCH AND RUN/STOP INDICATOR LIGHTS FOR ROOFTOP EXHAUST FANS EFB.4. PROVIDE 120VAC CIRCUIT FROM PANEL LDP2 (2#12,1-#12G,1-1/2"C) TO EACH STARTER VIA TIMECLOCK IN ROOM 110; CIRCUIT CONTROL CIRCUIT THROUGH DEDICATED RELAY (R5).
5. 800A, 3 PHASE, NONFUSED, NEMA 1, SINGLE-THROW MANUAL TRANSFER SWITCH. PROVIDE LABELS FOR SWITCH POSITIONS "UTILITY SERVICE" , "GENERATOR". #ASCO SERIES 300 MTS OR APPROVED EQUAL.
6. 800A, 480V, 3 PHASE, NEMA 3R, GENERATOR QUICK CONNECT PANEL.
7. TO SECURITY GATE. REFER TO T SHEETS FOR MORE INFORMATION.
8. COORDINATE LOCATION AND MOUNTING HEIGHT OF POWER AND DATA FOR OWNER PROVIDED EQUIPMENT.
9. FUSED 30A/3P TYPE 3R DISCONNECT FOR ROLL UP DOOR POWER. ELECTRICAL CONTRACTOR TO PROIVDE CIRCUIT BETWEEN DISCONNECT AND DOOR CONTROL BOX(PROVIDED BY OTHERS).

RENOVATION GENERAL NOTES

1. DEVICES ON SHEET E201, E202, AND E203 SHALL BE POWERED FROM PANELS LR-1, LR-2 AND LR-3 RESPECTIVELY, UNO. DEVICES ARE LABELED WITH CIRCUIT NUMBER CORRESPONDING TO DESIGNATED PANEL.
2. MECHANICAL EQUIPMENT DISCONNECTS SHOWN ON PLANS ARE DIAGRAMMATIC AND SHOWN FOR CLARITY. COORDINATE EXACT LOCATION WITH ARCHITECT IN ACCORDANCE WITH NEC 2017 APPLICABLE REQUIRED WORKING CLEARANCES PRIOR TO ROUGH IN. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E400 FOR CIRCUITING INFORMATION.
3. LOCATIONS OF PULL BOXES AND CONTROLLERS ON PLANS (DRC, RC, PC, ELCR, LTS, ETC.) IS DIAGRAMMATIC AND SHOWN FOR CLARITY. COORDINATE EXPOSED LOCATIONS WITH ARCHITECT, GENERALLY LAYOUT SHALL BE NEAT, ORGANIZED AND IN-LINE WITH EXPOSED RACEWAYS AND BUILDING LINES. IN ROOMS/AREAS WITH INACCESSIBLE CEILINGS LOCATE DEVICES IN ADJACENT ACCESSIBLE SPACE OR PROVIDE CEILING ACCESS PANEL; COORDINATE LOCATION OF ACCESS PANEL WITH ARCHITECT.
4. LOCATION OF CEILING MOUNT AND WALL MOUNT DEVICES IS DIAGRAMMATIC AND SHOWN FOR CLARITY. REFER TO ARCHITECTURAL RCP PLAN FOR EXACT LOCATION OF ALL CEILING MOUNT DEVICES. WHERE NOT INDICATED ON ARCHITECT'S RCP PLAN COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH ARCHITECT FOR FINAL LOCATION OF ALL EXTERIOR AND INTERIOR WALL MOUNT DEVICES.



BUILDING A | BUILDING B | BUILDING C

SITE KEY

1 1/8" = 1'-0" **POWER FLOOR PLAN - BUILDING B**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/20/25	ADW

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LICENSED PROFESSIONAL
Anthony D Wyrick, P.E.
FL LICENSE NUMBER #98346

PROJECT NUMBER	144124059
DATE	01/17/2025
1/8" = 1'-0"	
DESIGNED BY	ADW
DRAWN BY	GAG
CHECKED BY	ADW

POWER FLOOR PLAN - BUILDING B

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

SHEET NUMBER
E202

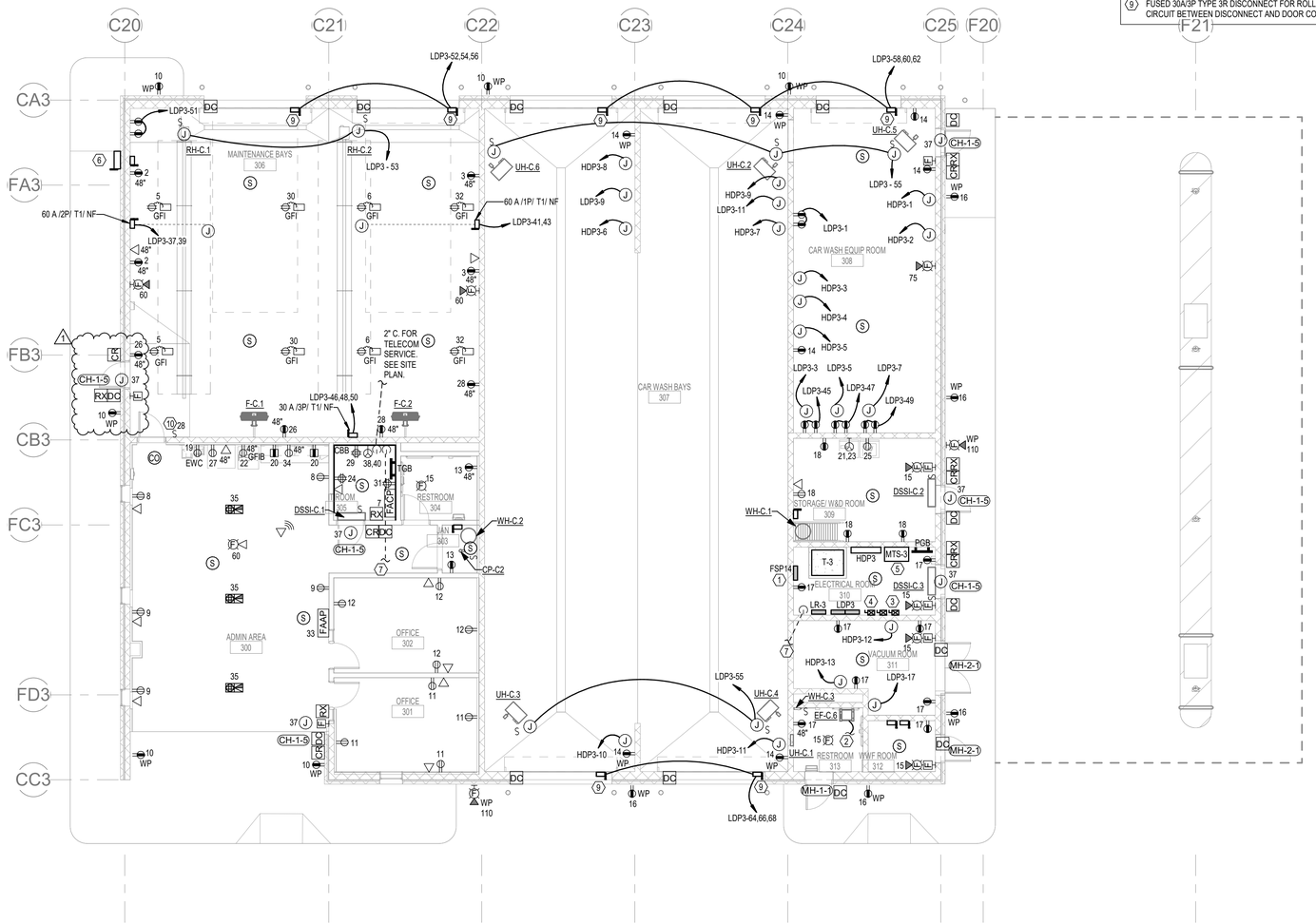
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RENOVATION KEYNOTES

1. ELECTRICAL AND CONTROL PANELS BY CARWASH & FUELING ELECTRIC CONTRACTOR. SEE QE SHEETS FOR MORE INFORMATION.
2. TO OCCUPANCY SENSOR SHOWN ON SHEET E301.
3. PROVIDE SIZE 0, 208VAC/3-POLE, NON-REVERSING MOTOR STARTER IN TYPE 1 ENCLOSURE WITH 120VAC COIL, H-O-A SELECTOR SWITCH AND RUN/STOP INDICATOR LIGHTS FOR ROOFTOP EXHAUST FANS EFC.2 & EFC.3. PROVIDE 120VAC CIRCUIT FROM PANEL LDP3 (2#12,1-#12G,1-1/2"C) TO EACH STARTER VIA TIMECLOCK IN ROOM 110; CIRCUIT CONTROL CIRCUIT THROUGH SEPARATE RELAY (R3 & R4) FOR EACH FAN.
4. PROVIDE SIZE 0, 208VAC/2-POLE, NON-REVERSING MOTOR STARTER IN TYPE 1 ENCLOSURE WITH 120VAC COIL, H-O-A SELECTOR SWITCH AND RUN/STOP INDICATOR LIGHTS FOR ROOFTOP EXHAUST FANS EFC.4. PROVIDE 120VAC CIRCUIT FROM PANEL LDP3 (2#12,1-#12G,1-1/2"C) TO EACH STARTER VIA TIMECLOCK IN ROOM 110; CIRCUIT CONTROL CIRCUIT THROUGH DEDICATED RELAY (R5).
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6. 600A, 480V, 3 PHASE, NEMA 3R, GENERATOR DISCONNECT PANEL.
7. TO SECURITY GATE. REFER TO T SHEETS FOR MORE INFORMATION.
8. COORDINATE LOCATION AND MOUNTING HEIGHT OF POWER AND DATA FOR OWNER PROVIDED EQUIPMENT.
9. FUSED 30A/3P TYPE 3R DISCONNECT FOR ROLL UP DOOR POWER. ELECTRICAL CONTRACTOR TO PROIVDE CIRCUIT BETWEEN DISCONNECT AND DOOR CONTROL BOX(PROVIDED BY OTHERS).

RENOVATION GENERAL NOTES

1. DEVICES ON SHEET E201, E202, AND E203 SHALL BE POWERED FROM PANELS LR-1, LR-2 AND LR-3 RESPECTIVELY, UNO. DEVICES ARE LABELED WITH CIRCUIT NUMBER CORRESPONDING TO DESIGNATED PANEL.
2. MECHANICAL EQUIPMENT DISCONNECTS SHOWN ON PLANS ARE DIAGRAMMATIC AND SHOWN FOR CLARITY. COORDINATE EXACT LOCATION WITH ARCHITECT IN ACCORDANCE WITH NEC 2017 APPLICABLE REQUIRED WORKING CLEARANCES PRIOR TO ROUGH IN. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E400 FOR CIRCUITING INFORMATION.
3. LOCATIONS OF PULL BOXES AND CONTOLLERS ON PLANS (DRC, RC, PC, ELCR, LTS, ETC.) IS DIAGRAMATIC AND SHOWN FOR CLARITY. COORDINATE EXPOSED LOCATIONS WITH ARCHITECT, GENERALLY LAYOUT SHALL BE NEAT, ORGANIZED AND IN-LINE WITH EXPOSED RACEWAYS AND BUILDING LINES. IN ROOMS/AREAS WITH INACCESSIBLE CEILINGS LOCATE DEVICES IN ADJACENT ACCESSIBLE SPACE OR PROVIDE CEILING ACCESS PANEL; COORDINATE LOCATION OF ACCESS PANEL WITH ARCHITECT.
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BUILDING A | BUILDING B | BUILDING C

SITE KEY

1 1/8" = 1'-0" **POWER FLOOR PLAN - BUILDING C**

No.	REVISIONS	DATE	BY
1	ADDENDUM #4	06/20/25	ADW

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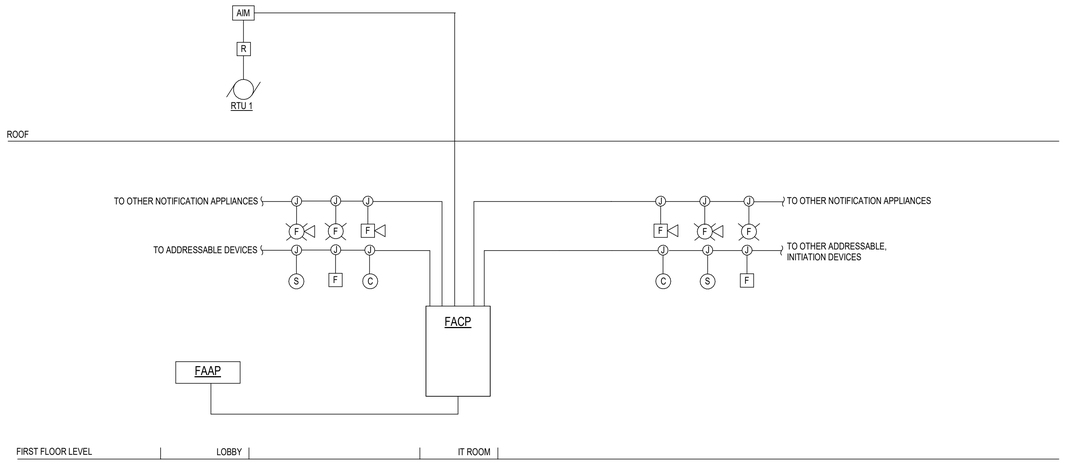
PROJECT NUMBER	144124059
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DRAWN BY	GAG
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POWER FLOOR PLAN - BUILDING C

QUICK - TURNAROUND FACILITY
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FIRE ALARM RISER DIAGRAM

N.T.S

FIRE ALARM - SEQUENCE OF OPERATION

1. ALL FIRE ALARM JUNCTION BOX COVERS SHALL BE PAINTED RED.
2. ALL SPLICES SHALL BE MADE WITH CRIMP CONNECTORS. NO WIRE NUTS SHALL BE USED.
3. ALL MAIN JUNCTION BOXES AND TERMINAL CABINETS SHALL BE PROVIDED WITH TERMINAL BLOCKS.
4. PROVIDE REMOTE TEST & ALARM INDICATORS FOR AHU DUCT DETECTORS LOCATED IN AREAS NOT READILY VISIBLE & ACCESSIBLE ABOVE CEILINGS, OR AS INDICATED ON THE DRAWINGS.
5. ALL INITIATING DEVICES WITH SCREW TERMINALS SHALL BE CONNECTED TO THE WIRING SYSTEM WITH SPADE TERMINALS.
6. CONDUIT SHALL BE 3/4" UNLESS NOTED OTHERWISE.
7. FIRE ALARM SYSTEM SHALL MONITOR ALL FLOW AND TAMPER SWITCHES, BACK FLOW PREVENTER AND PIV ASSOCIATED WITH FIRE SPRINKLER SYSTEM. REFER TO THE SPRINKLER DRAWINGS FOR QUANTITY.
8. THIS RISER DIAGRAM SHOWS TYPICAL DEVICES DIAGRAMMATICALLY ONLY AND IS NOT INTENDED TO BE USED AS A WIRING DIAGRAM. IT DOES NOT SHOW EVERY DEVICE, REFER TO THE FLOOR PLANS FOR DEVIES AND LOCATIONS.
9. PROVIDE A HINGED, CLEAR PLASTIC SHIELD FOR EACH PULL STATION. LIFTING SHIELD SHALL INITIATE LOCAL AUDIBLE ALARM.
10. PROVIDE PROTECTION FOR FIRE ALARM DEVICES SUBJECT TO PHYSICAL DAMAGE. LOCATIONS INCLUDE MCHANICAL ROOMS, ELECTRICAL ROOMS, EQUIPMENT ROOMS AND STORAGE ROOMS.
11. THE CONTRACTOR SHALL CERTIFY AND TAG THE SYSTEM AFTER ALL MODIFICATIONS ARE MADE AND PRIOR TO SUBSTANTIAL COMPLETION.
12. THE CONTRACTOR AND THE PPD SYSTEMS ELECTRONICS SHOP SHALL TEST THE FIRE ALARM SYSTEM BEFORE ANY RENOVATION OR MODIFICATION IS MADE. ANY PART OF THE SYSTEM NOT WORKING PROPERLY SHALL BE NOTED OR REPAIRED BEFORE ANY CONSTRUCTION BEGINS.

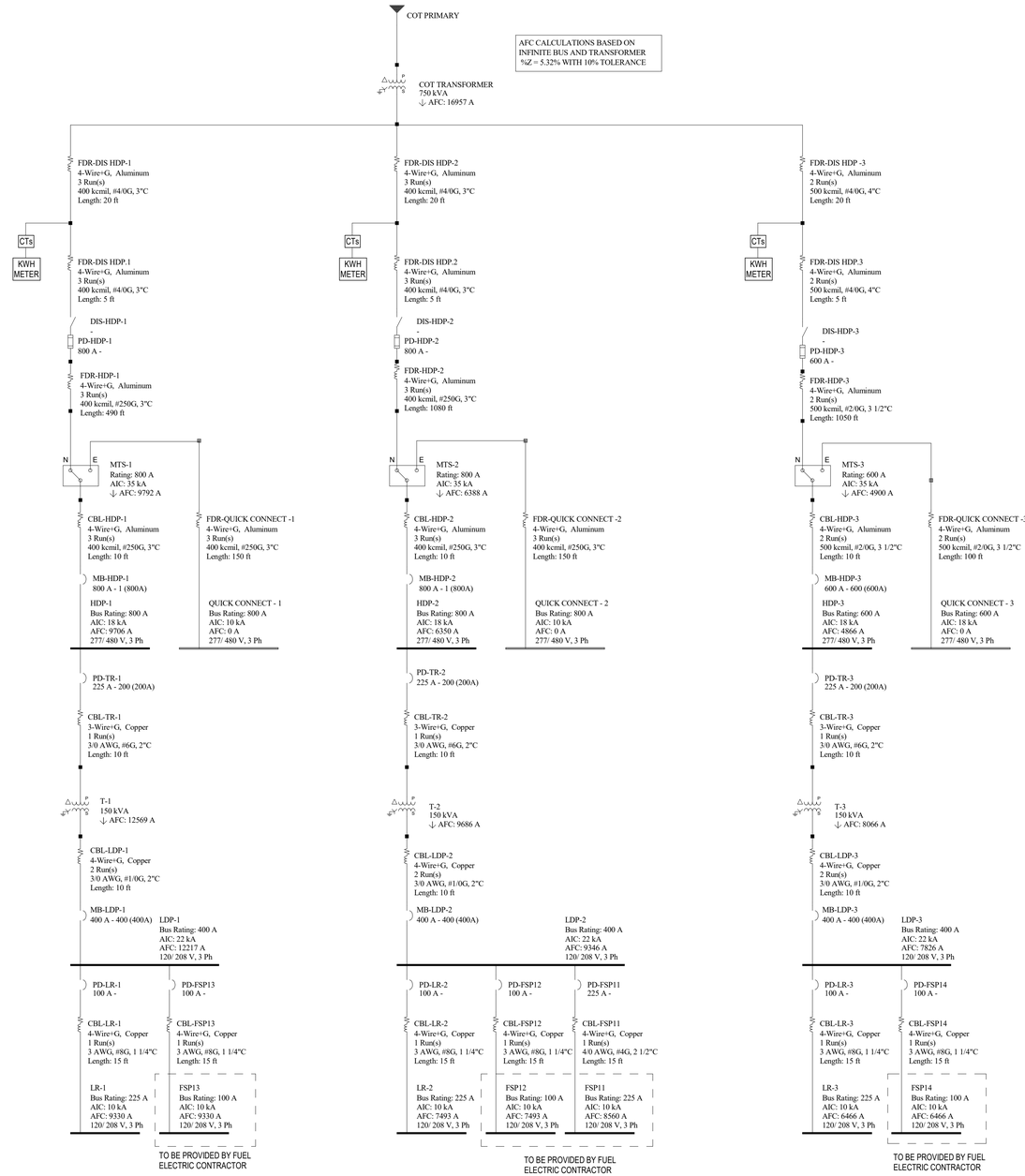
FIRE ALARM - SEQUENCE OF OPERATION

EVENT	ALARM AT FACP	ALARM OFF SITE	INITIATE NOTIFICATION APPLIANCES	TROUBLE AT FACP	TROUBLE NOTIFICATION OFF SITE	SUPERVISORY AT FACP AND FAAP	SUPERVISORY NOTIFICATION OFF SITE	SUPERVISORY AT ASSOCIATED RTU ONLY	FAN SHUT DOWN AT ASSOCIATED RTU ONLY	S. DAMPER CLOSURE AT ASSOC. DAMPER ONLY	DEACTIVATE AUDIBLE NOTIFICATION APPLIANCES	COMMENTS
AREA SMOKE DETECTOR	o	o	o					o	o	o		
CARBON MONXIDE DETECOR												
MANUAL PULL STATION	o	o	o									
WIRING FAULT				o	o							
AC POWER FAILURE				o	o							
ALARM SILENCE											o	

FIRE ALARM - DESIGN DATA

BUILDING INFORMATION			
	TYPE		NEW
	OCCUPANCY CLASSIFICATION (NOTE 1)		BUSINESS
	FULLY SPRINKLERED BUILDING		NO
	HIGH RISE BUILDING		NO
FIRE ALARM SYSTEM			
	TYPE		ADDRESSABLE
	QTY OF ZONES	#	N/A
	PATHWAY CLASS DESIGNATION		CLASS B
	PATHWAY SURVIVABILITY		LEVEL 0
	EVACUATION SIGNAL		GENERAL EVACUATION
	AUDIBLE NOTIFICATION APPLIANCES		HORNS / CHIMES
EMERGENCY COMMUNICATION SYSTEMS			
	MASS NOTIFICATION TYPE		NONE
	VOICE EVACUATION		NO
	TWO-WAY, IN-BUILDING WIRED		NO
	TWO-WAY, RADIO ENHANCEMENT (NOTE 2)		NO
	TWO-WAY, AREA OF REFUGE		NO
	TWO-WAY, ELEVATOR EMERGENCY		NO
	TWO-WAY, STAIRWAY		NO
MINIMUM REQUIRED SECONDARY POWER			
	SECONDARY POWER SUPPLY		BATTERIES
	REQUIRED DURATION		24 HRS (NON-ALARM) + 5 MIN (ALARM)
	SAFETY MARGIN (BATTERIES)	%	20

NOTES:
1 PRINCIPAL OCCUPANCY CLASSIFICATION IS PER NFPA 1 AND NFPA 101. SEE LIFE SAFETY PLANS FOR MORE INFORMATION.



ONE-LINE DIAGRAM

N.T.S

NOTE:
WIRE LENGTHS SHOWN ON 1-LINE DIAGRAM ARE FOR CALULATION PURPOSES AND NOT INTENDED FOR MATERIAL TAKE-OFFS. CONTRACTOR SHALL USE SCALED PLANS FOR ACUTAL LENGTHS.

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1	ADDENDUM #4	06/30/25	ADW

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FL LICENSE NUMBER #98346

PROJECT NUMBER	144124059
DATE	01/17/2025
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DESIGNED BY	ADW
DRAWN BY	GAG
CHECKED BY	ADW

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

FIRE ALARM RISER & ONE LINE DIAGRAM

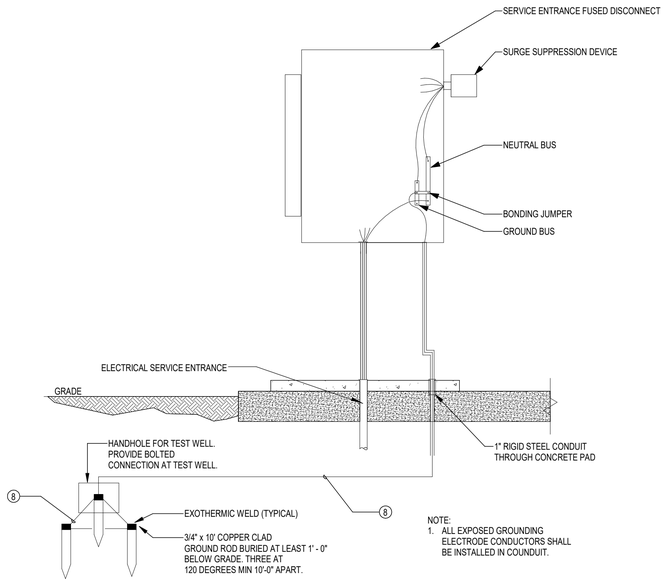
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GROUNDING ELECTRODE CONDUCTOR SCHEDULE		
MARK		CONDUIT
1	#6 INSULATED, STRANDED, COPPER	1/2"
2	#4 INSULATED, STRANDED, COPPER	1/2"
3	#1/0 INSULATED, STRANDED, COPPER	1"
4	#2/0 INSULATED, STRANDED, COPPER	1"
5	#4 BARE, STRANDED, TINNED COPPER	
6	#1/0 BARE, STRANDED, TINNED COPPER	
7	#2/0 BARE, STRANDED, TINNED COPPER	
8	#3/0 BARE, STRANDED, TINNED COPPER	

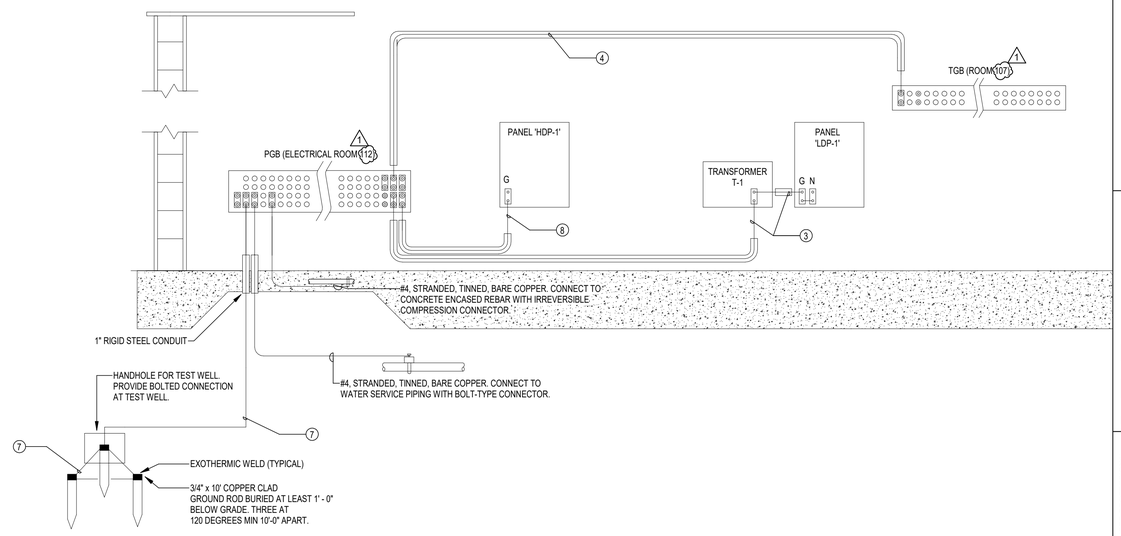
NOTES:

1. ALL CONDUCTORS SHALL BE RUN IN A DIRECT PATH TO THE EXTENT POSSIBLE.
2. THE MINIMUM BEND ANGLE FOR ANY GROUNDING THE MINIMUM BEND ANGLE FOR ANY GROUNDING CONDUCTOR SHALL BE 90 DEGREES.
3. THE MINIMUM BEND RADIUS FOR ANY GROUNDING CONDUCTOR SHALL BE 8".
4. PROVIDE PVC SLEEVES FOR ALL WALL, FLOOR, CEILING, SLAB, ETC. PENETRATIONS. IF METAL SLEEVES ARE USED, PROVIDE GROUND BUSHINGS AND BOND CONDUTOR TO BUSHING AT EACH LOCATION PROVIDED.
5. ALL GROUND CONDUCTORS SHALL BE FREE OF SPLICES.
6. CLEAN ALL SURFACES BEFORE MAKING CONNECTIONS. TAKE ALL STEPS POSSIBLE TO ENSURE LOW CONTACT RESISTANCE AT TERMINATION LOCATIONS.



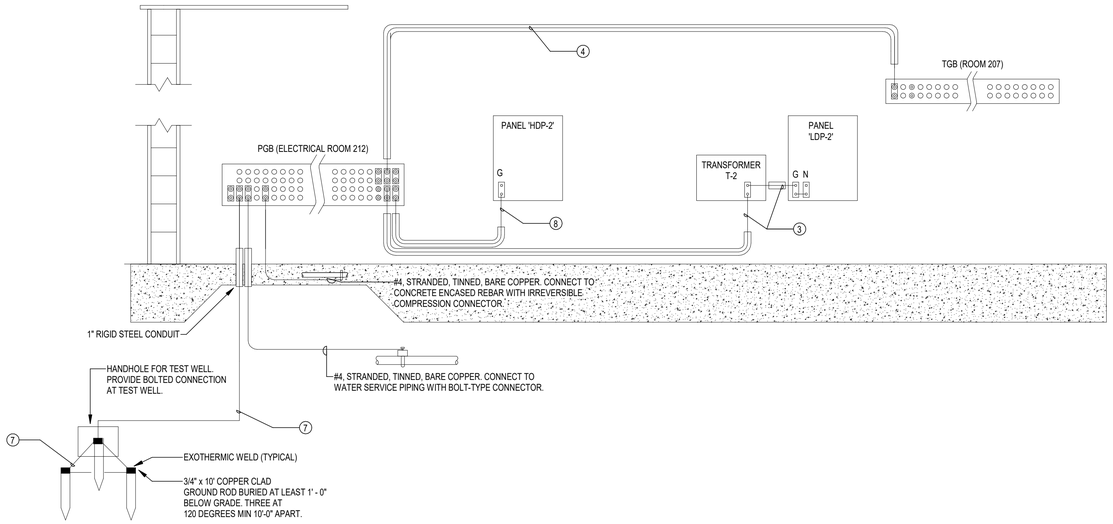
RISER DIAGRAM - GROUNDING SERVICE ENTRANCE

SCALE: N.T.S



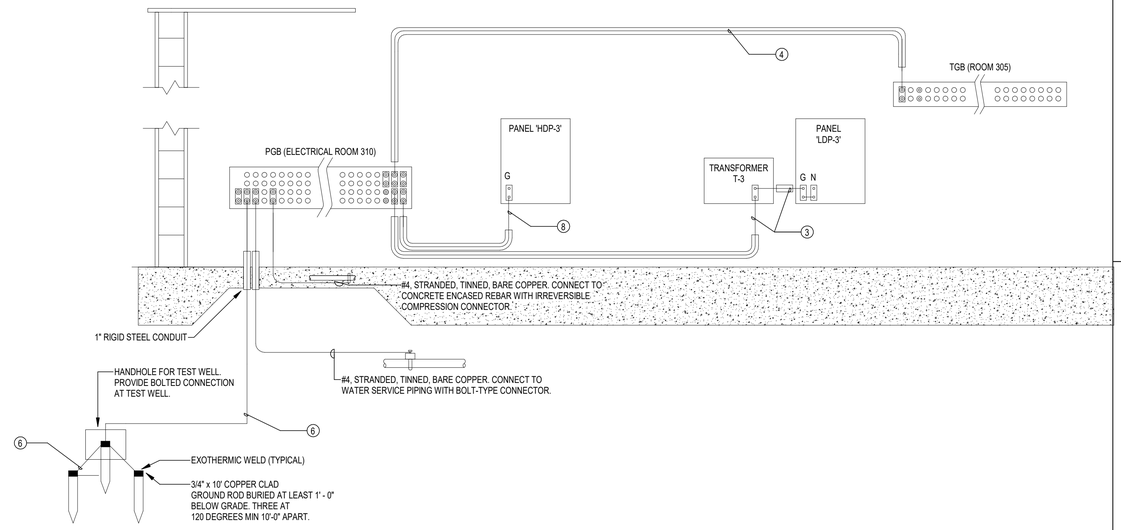
RISER DIAGRAM - GROUNDING BUILDING A

SCALE: N.T.S



RISER DIAGRAM - GROUNDING BUILDING B

SCALE: N.T.S



RISER DIAGRAM - GROUNDING BUILDING C

SCALE: N.T.S

No.	REVISIONS	DATE	BY
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Anthony D Wyrick, P.E.

FL LICENSE NUMBER #98346

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144124059	ADW
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01/17/2025	GAG
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	ADW

GROUNDING RISER

QUICK - TURNAROUND FACILITY
PREPARED FOR
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MECHANICAL EQUIPMENT SCHEDULE

DESIGNATION	LOCATION	ELECTRICAL VOLTAGE	HP	FLA	MCA	BRANCH CIRCUIT		DISCONNECT / STARTER							NOTES
						OCPD	PANEL	STARTER SIZE	AMP RATING	POLES	OCPD	OCPD RATING	NEMA ENCLOSURE	BY OTHERS	
DSSO-A.1	Roof Building A	208 / 1		12	18	20	LDP-1		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
DSSO-A.2	Roof Building A	208 / 1		12	18	20	LDP-1		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
DSSO-A.3	Roof Building A	208 / 1		12	18	20	LDP-1		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
DSSO-B.1	Roof Building B	208 / 1		12	18	20	LDP-2		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
DSSO-B.2	Roof Building B	208 / 1		12	18	20	LDP-2		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
DSSO-B.3	Roof Building B	208 / 1		12	18	20	LDP-2		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
DSSO-C.1	Roof Building C	208 / 1		12	18	20	LDP-3		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
DSSO-C.2	Roof Building C	208 / 1		12	18	20	LDP-3		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
DSSO-C.3	Roof Building C	208 / 1		12	18	20	LDP-3		30	2	NONE		TYPE 3R		OUTDOOR UNIT POWERS INDOOR UNIT
EF-A.1	Roof Building A	120 / 1	1/6	4	6	15	LDP-1							X	CIRCUIT VIA RELAY R6 IN TIME CLOCK IN RM112 (1)
EF-A.2	Roof Building A	208 / 3	3/4	4	5	15	LDP-1		30	3	NONE		TYPE 3R		CIRCUIT VIA RELAY R3 IN TIME CLOCK IN RM112 (1)
EF-A.3	Roof Building A	208 / 3	1/2	2	3	15	LDP-1		30	3	NONE		TYPE 3R		CIRCUIT VIA RELAY R4 IN TIME CLOCK IN RM112 (1)
EF-A.4	Roof Building A	120 / 1	1/4	6	7	15	LDP-1							X	CIRCUIT VIA RELAY R5 IN TIME CLOCK IN RM112 (1)
EF-A.5	Roof Building A	120 / 1	1/4	6	7	15	LDP-1							X	CIRCUIT THROUGH T-STAT BY MECH CONTRACTOR
EF-A.6	Restroom 113	120 / 1	1/6	4	6	15	LDP-1							X	POWERED FROM LIGHTING CIRCUIT
EF-A.7	Roof Building A	120 / 1	1/4	6	7	15	LDP-1		20	1	NONE		TYPE 3R		(1)
EF-A.8	Roof Building A	208 / 3	3/4	4	5	15	LDP-1		30	3	NONE		TYPE 3R		CIRCUIT VIA RELAY R3 IN TIME CLOCK IN RM112 (1)
EF-B.1	Roof Building B	120 / 1	1/6	4	6	15	LDP-2							X	CIRCUIT VIA RELAY R5 IN TIME CLOCK IN RM212
EF-B.2	Roof Building B	208 / 3	3/4	4	4	15	LDP-2		30	3	NONE		TYPE 3R		CIRCUIT VIA RELAY R6 IN TIME CLOCK IN RM212
EF-B.3	Roof Building B	208 / 3	1/2	2	3	15	LDP-2		30	3	NONE		TYPE 3R		CIRCUIT VIA RELAY R3 IN TIME CLOCK IN RM212
EF-B.4	Roof Building B	120 / 1	1/4	6	7	15	LDP-2							X	CIRCUIT VIA RELAY R4 IN TIME CLOCK IN RM212
EF-B.5	Roof Building B	120 / 1	1/4	6	7	15	LDP-2							X	CIRCUIT THROUGH T-STAT BY MECH CONTRACTOR
EF-B.6	Restroom 215	120 / 1	1/6	4	6	15	LDP-2							X	POWERED FROM LIGHTING CIRCUIT
EF-B.7	Roof Building B	120 / 1	1/4	6	7	15	LDP-2		20	1	NONE		TYPE 3R		
EF-B.8	Roof Building B	208 / 3	3/4			15	LDP-2								
EF-C.1	Roof Building C	120 / 1	1/6	4	6	15	LDP-3							X	CIRCUIT VIA RELAY R6 IN TIME CLOCK IN RM310
EF-C.2	Roof Building C	208 / 3	1	5	6	15	LDP-3		30	3	NONE		TYPE 3R		CIRCUIT VIA RELAY R3 IN TIME CLOCK IN RM310
EF-C.3	Roof Building C	208 / 3	1/2	2	3	15	LDP-3		30	3	NONE		TYPE 3R		CIRCUIT VIA RELAY R4 IN TIME CLOCK IN RM310
EF-C.4	Roof Building C	120 / 1	1/4	6	7	15	LDP-3							X	CIRCUIT VIA RELAY R5 IN TIME CLOCK IN RM310
EF-C.5	Roof Building C	120 / 1	1/4	6	7	15	LDP-3							X	
EF-C.6	Restroom 313	120 / 1	1/6	4	6	15	LDP-3							X	POWERED FROM LIGHTING CIRCUIT
EF-C.7	Roof Building C	208 / 3	1				LDP-3								
F-A.1	Building A Maintenance Bay	120 / 1	1/3	5	6	15	LDP-1								PROVIDE WP GFI RECEPT AT HEIGHT AS INDICATED BY DIVISION 23
F-A.2	Building A Maintenance Bay	120 / 1	1/3	5	6	15	LDP-1								PROVIDE WP GFI RECEPT AT HEIGHT AS INDICATED BY DIVISION 24
F-A.3	Building A Maintenance Bay	120 / 1	1/3	5	6	15	LDP-1								PROVIDE WP GFI RECEPT AT HEIGHT AS INDICATED BY DIVISION 25
F-B.1	Building A Maintenance Bay	120 / 1	1/3	5	6	15	LDP-2								PROVIDE WP GFI RECEPT AT HEIGHT AS INDICATED BY DIVISION 26
F-B.2	Building B Maintenance Bay	120 / 1	1/3	5	6	15	LDP-2								PROVIDE WP GFI RECEPT AT HEIGHT AS INDICATED BY DIVISION 27
F-B.3	Building B Maintenance Bay	120 / 1	1/3	5	6	15	LDP-2								PROVIDE WP GFI RECEPT AT HEIGHT AS INDICATED BY DIVISION 28
F-C.1	Building C Maintenance Bay	120 / 1	1/3	5	6	15	LDP-3								PROVIDE WP GFI RECEPT AT HEIGHT AS INDICATED BY DIVISION 29
F-C.2	Building C Maintenance Bay	120 / 1	1/3	5	6	15	LDP-3								PROVIDE WP GFI RECEPT AT HEIGHT AS INDICATED BY DIVISION 30
RH-A.1	Building A Maintenance Bay	120 / 1		1	1	20	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
RH-A.2	Building A Maintenance Bay	120 / 1		1	1	20	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
RH-A.3	Building A Maintenance Bay	120 / 1		1	1	20	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
RH-B.1	Building B Maintenance Bay	120 / 1		1	1	20	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
RH-B.2	Building B Maintenance Bay	120 / 1		1	1	20	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
RH-B.3	Building B Maintenance Bay	120 / 1		1	1	20	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
RH-C.1	Building C Maintenance Bay	120 / 1		1	1	20	LDP-3		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
RH-C.2	Building C Maintenance Bay	120 / 1		1	1	20	LDP-3		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-A.1	Restroom (1)(1)(B)	208 / 1		14	18	20	LDP-1		20	2	NONE				TOGGLE SWITCH DISC
UH-A.2	Carwash Bay	120 / 1		2	3	15	LDP-1		20	1	NONE		TYPE 3R		TOGGLE SWITCH DISC
UH-A.3	Carwash Bay	120 / 1		2	3	15	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-A.4	Carwash Bay	120 / 1		2	3	15	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-A.5	Carwash Bay	120 / 1		2	3	15	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-A.6	Carwash Bay	120 / 1		2	3	15	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-A.7	Carwash Bay	120 / 1		4	5	15	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-A.8	Carwash Bay	120 / 1		2	3	15	LDP-1		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-B.1	Restroom 215	208 / 1		14	18	20	LDP-2		20	2	NONE		TYPE 3R		TOGGLE SWITCH DISC
UH-B.2	Carwash Bay	120 / 1		2	3	15	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-B.3	Carwash Bay	120 / 1		2	3	15	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-B.4	Carwash Bay	120 / 1		2	3	15	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-B.5	Carwash Bay	120 / 1		2	3	15	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-B.6	Carwash Bay	120 / 1		2	3	15	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-B.7	Carwash Bay	120 / 1		4	5	15	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-B.8	Carwash Bay	120 / 1		2	3	15	LDP-2		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-C.1	Restroom 313	208 / 1		14	18	20	LDP-3		20	2	NONE		TYPE 3R		TOGGLE SWITCH DISC
UH-C.2	Carwash Bay	120 / 1		2	3	15	LDP-3		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-C.3	Carwash Bay	120 / 1		2	3	15	LDP-3		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-C.4	Carwash Bay	120 / 1		2	3	15	LDP-3		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-C.5	Carwash Bay	120 / 1		4	5	15	LDP-3		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
UH-C.6	Carwash Bay	120 / 1		2	3	15	LDP-3		20	1	NONE		TYPE 4X		TOGGLE SWITCH DISC
RTU-A.1	Roof Building A	480 / 3		16	20	25	HDP-1		30	3	NONE		TYPE 3R		
RTU-B.1	Roof Building B	480 / 3		16	20	25	HDP-2		30	3	NONE		TYPE 3R		
RTU-C.1	Roof Building C	480 / 3		14	17	25	HDP-3		30	3	NONE		TYPE 3R		
								PLUMBING							
CP-A.2	Janitors closet	120 / 1	1/6	4	6	15	LDP-1		20	1	NONE		TYPE 1		TOOGLE SWITCH DISC
CP-B.2	Janitors closet	120 / 1	1/6	4	6	15	LDP-2		20	1	NONE		TYPE 1		TOOGLE SWITCH DISC
CP-C.2	Janitors closet	120 / 1	1/6	4	6	15	LDP-3		20	1	NONE		TYPE 1		TOOGLE SWITCH DISC
WH-A.1	Storage W&D Room (1)(1)(1)	208 / 1		14	18	25	LDP-1		30	2	NONE		TYPE 1		
WH-A.2	Janitor (1)(1)(106)	208 / 1		22	27	30	LDP-1		30	2	NONE		TYPE 1		
WH-A.3	Restroom (1)(1)(115)	120 / 1		15	19	25	LDP-1		30	1	NONE		TYPE 1		
WH-B.1	Storage W&D Room 211	208 / 1		14	18	25	LDP-2		30	2	NONE		TYPE 1		
WH-B.2	Janitor 206	208 / 1		22	27	30	LDP-2		30	2	NONE		TYPE 1		
WH-B.3	Restroom 215	120 / 1		15	19	25	LDP-2		30	1	NONE		TYPE 1		
WH-C.1	Storage W&D Room 309	208 / 1		14	18	25	LDP-3		30	2	NONE		TYPE 1		
WH-C.2	Janitor 303	208 / 1		22	27	30	LDP-3		30	2	NONE		TYPE 1		
WH-C.3	Restroom 313	120 / 1		15	19	25	LDP-3		30	1	NONE		TYPE 1		

NOTES:

1 REFER TO FLOOR PLANS FOR EQUIPMENT LOCATIONS.

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TRANSFER SWITCH SCHEDULE

NAME	LOCATION	USE	EMERG SOURCE	NORMAL SOURCE	SUPPLY	RATING (AMPS)	AIC (AMPS)	ELECTRICAL CONFIGURATION	POLES	TRANSITION TYPE	NEMA ENCLOSURE	LOAD PRIORITY	DELAY SETTING (SEC)	MANUFACTURER	MODEL NUMBER	ACCESSORIES
MTS-1	ELECTRICAL ROOM	OPTIONAL	QUICK CONN	MSB	HDP-1	800	35	480 V / 3 PH - 4W	4	CLOSED	TYPE 1	1	N/A	ASCO	SERIES 300	
MTS-2	ELECTRICAL ROOM	OPTIONAL	QUICK CONN	MSB	HDP-2	800	35	480 V / 3 PH - 3W	4	CLOSED	TYPE 1	1	N/A	ASCO	SERIES 300	
MTS-3	ELECTRICAL ROOM	OPTIONAL	QUICK CONN	MSB	HDP-3	600	35	480 V / 3 PH - 3W	4	CLOSED	TYPE 1	1	N/A	ASCO	SERIES 300	

TRANSFORMER SCHEDULE

NAME	LOCATION	SOURCE	SUPPLY	NEMA ENCLOSURE	PRIMARY CONFIGURATION	SECONDARY CONFIGURATION	RATING (kVA)	CONN. (kVA)	DEMAND		TEMP RISE (°C)	K-9 RATED	PHASE SHIFT
									kVA	FACTOR			
T-1	ELECTRICAL ROOM (1)(1)(105)	HDP-1	LDP-1	TYPE 1	480/277 V, 3 PH, 4W	208/120 V, 3 PH, 4W	150	106			80		
T-2	ELECTRICAL ROOM 212	HDP-2	LDP-2	TYPE 1	480/277 V, 3 PH, 4W	208/120 V, 3 PH, 4W	150	121			80		
T-3	ELECTRICAL ROOM 310	HDP-3	LDP-3	TYPE 1	480/277 V, 3 PH, 4W	208/120 V, 3 PH, 4W	150	96			80		

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PROJECT NUMBER 144124059
DATE 01/17/2025
1/8" = 1'-0"
DESIGNED BY ADW
DRAWN BY GAG
CHECKED BY ADW

PANEL SCHEDULES

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

SHEET NUMBER
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CARWASH SYSTEM DESCRIPTION

DESCRIPTION

1. SEPARATE DUAL CAR WASHES WILL SERVE EACH OF THE THREE RAC FACILITIES AND CONSIST OF THE FOLLOWING:
   - 1.1. PRE-WASH HIGH PRESSURE SPRAY WAND
   - 1.2. FLOODER ARCH
   - 1.3. 5 BRUSH WASH
   - 1.4. RINSE ARCH
   - 1.5. REVERSE OSMOSIS RINSE ARCH
   - 1.6. BLOWER

NORMAL OPERATION

1. THE CAR WASH IS ACTIVATED BY PHOTO EYES TRIGGERED BY THE FRONT OF THE CAR.
2. THE OPERATOR DRIVES INTO THE BAY AND STOPS PRIOR TO ACTIVATING THE PHOTO EYES IF PRE-WASH IS REQUIRED AND IF NOT PROCEEDS TOWARDS THE CAR WASH TO ACTIVATE THE PHOTO EYES.
3. THE OPERATOR WILL CONTINUE TO DRIVE THROUGH THE BAY AT 1 MPH ACTIVATING VARIOUS PHOTO EYES TO OPERATE THE EQUIPMENT.
4. ONCE THE SYSTEM HAS BEEN ACTIVATED RECLAIM PUMP WILL START DRAWING WATER FROM THE RECLAIM TANKS. THE WATER LEVEL OF THE RECLAIM WATER TANKS WILL CONTROL THE OPERATION OF SUBMERSIBLE PUMPS LOCATED IN THE PUMP PIT. SUBMERSIBLE PUMPS SHALL BE PROGRAMMED TO WORK BOTH AS ALTERNATING & MASTER-SLAVE.
5. EACH BAY WILL BE SUPPLIED INDIVIDUALLY BY A DEDICATED RECLAIM PUMP LOCATED ADJACENT TO THE RECLAIM TANK.
6. THE FINAL RINSE WATER WILL BE PROVIDED TO EACH BAY FROM A FRESH WATER SOURCE
7. EACH BAY WILL BE SUPPLIED BY A RO PUMP LOCATED ADJACENT TO THE RO WATER STORAGE TANK. THE LEVEL OF THE RO WATER STORAGE TANK WILL BE CONTROLLED BY THE RO WATER STORAGE TANK LEVEL CONTROLLERS. THE RO UNIT WILL ALSO CONTROL THE AGGREGATED RO RINSE PUMP.
8. EACH CARWASH BAY WILL HAVE A TRENCH DRAIN IN THE MIDDLE OF THE BAY. THE DRAIN WILL COLLECT ALL WATER USED IN THE CAR WASH. THIS WATER WILL DRAIN TO THE DEDICATED RECOVERY PIT. ANY EXCESS WATER IN THE SYSTEM WILL OVER FLOW TO THE SANITARY SEWER
9. OVERFLOW FROM THE RECLAIM WATER STORAGE TANK WILL DRAIN INTO THE CARWASH BAY DRAINAGE SYSTEM.
10. OVERFLOW FROM THE RO STORAGE TANK WILL DRAIN TO THE NEAREST CARWASH FLOOR SUMP ON THAT FLOOR.

ALTERNATE OPERATION:

1. IF THE LEVEL OF WATER IN THE DEDICATED PUMP PIT IS SENSED TO BE LOW, BY THE LOW LEVEL SWITCH IN THE PIT, THE TWO SUBMERSIBLE PUMPS WILL BE SHUT DOWN TO PREVENT DRY RUNNING OF THE PUMPS. THE SOLENOID VALVE ON THE FRESH WATER LINE FEEDING THE RECLAIM WATER STORAGE TANK WILL OPEN PROVIDING WATER TO THE TANK AND ALLOW CAR WASH OPERATIONS TO CONTINUE UNTIL SUFFICIENT WATER ACCUMULATES IN THE PUMP PIT.
2. IF THE WATER LEVEL IN A RECLAIM STORAGE TANK ACTIVATES THE LOW LOW LEVEL SENSOR, THE RECLAIM PUMP TO THE CAR WASH BAY WILL SHUT DOWN AND THE SOLENOID VALVE WHICH PROVIDES FRESH WATER DOWN STREAM OF THE RECLAIM PUMP WILL OPEN, ALLOWING CARWASH OPERATIONS TO CONTINUE. IF THE RECLAIM PUMP TO THE BAY FAILS THE SOLENOID VALVE TO THAT BAY WILL OPEN AND PROVIDE FRESH WATER TO THAT BAY UNTIL THE PUMP CAN BE REPAIRED.
3. IF THE WATER LEVEL IN THE RO TANK IS LOW, THE RO UNIT FAILS OR THE RINSE PUMP FAILS IN ANY BAY, THE FRESH WATER BYPASS SOLENOID VALVE DOWN STREAM OF THE THE RO RINSE PUMP WILL OPEN ALLOWING FRESH WATER TO BE USED FOR THE FINAL RINSE.

PIPING LEGEND

LINE DESIGNATION	SYMBOLS
SIZE — RW-2-CU SERVICE FW - FRESH WATER RO - REVERSE OSMOSIS WATER RW - RECLAIM WATER SS - SANITARY SEWER MATERIAL CS - CARBON STEEL CU - COPPER PVC - POLYVINYL CHLORIDE	UNDERGROUND PIPING ABOVEGROUND PIPING ELECTRICAL CONDUIT BALL VALVE SOLENOID VALVE CHECK VALVE FLOOR SINK LS LEVEL SWITCH FA FLOW ALARM

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DATE	DRAWN BY
JAN 2025	AB
NTS	CHECKED BY
	BE

CARWASH SYSTEMS
GENERAL NOTES AND DESCRIPTION

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

SHEET NUMBER
QC001

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EQUIPMENT SCHEDULE

ITEM	NO. REQ'D	DESCRIPTION	MANUFACTURER	MODEL NUMBER	SIZE/CAPACITY	CONNECTIONS	FURNISHED BY: TENANT	FURNISHED BY: CONTR. (CW)	INSTALLED BY: TENANT	INSTALLED BY: CONTR. (CW)	REMARKS
CARWASH SYSTEM EQUIPMENT (CW)											
1	8	GUIDE RAIL	BELANGER					✓		✓	-
2	8	PHOTO-EYE (PAIR)						✓		✓	-
3	8	FLOODER ARCH						✓		✓	-
4	8	TOP BRUSHES						✓		✓	
5	8	SIDE BRUSHES						✓		✓	
6	8	LOW SIDE BRUSHES						✓		✓	
7	8	RO RINSE ARCH						✓		✓	
8	16	PHOTO-EYE (PAIR)						✓		✓	
9	8	FRESH WATER RINSE ARCH						✓		✓	
10	2	3,000-GAL. RECLAIM WATER STORAGE TANK, 95" DIA. x 112" H						✓		✓	
11	4	4,000-GAL. RECLAIM WATER STORAGE TANK, 95" DIA. x 144" H						✓		✓	
12	8	RECLAIM PUMPING STATION				5 HP, 460V, 3PH *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
13	1	2,000-GAL. REVERSE OSMOSIS WATER STORAGE TANK, 64" DIA. x 160" H						✓		✓	
14	2	3,000-GAL. REVERSE OSMOSIS WATER STORAGE TANK, 95" DIA. x 112" H						✓		✓	
15	1	REVERSE OSMOSIS UNIT (6,000 GPD)				3 HP, 460V, 3PH *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
16	2	REVERSE OSMOSIS UNIT (8,000 GPD)				3 HP, 460V, 3PH *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
17	8	RO RINSE PUMP				2 HP, 460V, 3PH *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
18	8	MACHINE CONTROL PANEL				6 HP, 460V, 3PH * 120V, 1PH (CONTROL) *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
19	16	CARWASH EMERGENCY SHUT-OFF						✓		✓	
20	3	WATER SOFTENER				120V, 1PH *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
21	8	COLD WATER PRESSURE WASHER STATION				7 1/2 HP, 460V, 3PH *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
22	8	WALL MOUNT RACK AND WAND						✓		✓	
23	11	SUBMERSIBLE PUMP FOR RECLAIM WATER				1/2 HP, 120V, 1PH *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
24	-	NOT USED									
25	8	DRYER - 50 HP						✓		✓	
26	8	DRYER CONTROL PANEL				50 HP, 460V, 3PH *		✓		✓	EC CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO CONTROL PANEL
27	8	UTILITY TRACK						✓		✓	

* CARWASH VENDOR TO CONFIRM V/PH/CKT'S

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CARWASH SYSTEM EQUIPMENT SCHEDULE

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

SHEET NUMBER
QC600

ABBREVIATIONS

A, AMPS	AMPERES
A/C	AIR CONDITIONER
AC	ALTERNATING CURRENT
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CURRENT
AL	ALUMINUM
APPR	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
AS	AMPERE SWITCH
AT	AMPERES TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BCP	BOILER CONTROL PANEL
BKBD	BACKBOARD
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CC	CENTER TO CENTER
CAB	CABINET
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CO	CONDUIT ONLY WITH PULL ROPE
CONC	CONCRETE
CTR	CENTER
CU	COPPER
DB	DIRECT BURIAL
DC	DIRECT CURRENT
DET	DETAIL
DIA	DIAMETER
DIST	DISTRIBUTION
DN	DOWN
DP	DISTRIBUTION PANEL
DWG	DRAWING
ELR	END-OF-LINE RESISTOR
EMERG, EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE/ENCLOSED
EPO	EMERGENCY POWER OFF
EQ	EQUAL
EQUIP	EQUIPMENT
(ERD)	EXISTING TO BE REMOVED
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPERES
ESD	EMERGENCY SHUTDOWN
EWC	ELECTRIC WATER COOLER
(E)	EXISTING
(ER)	EXISTING TO REMAIN
FLEX	FLEXIBLE
(F)	FUTURE
FVNR	FULL VOLTAGE NON-REVERSING
GND	GROUND
GALV	GALVANIZED
GRS	GALVANIZED RIGID STEEL
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HD	HEAT DETECTOR
HH	HANDHOLE
HID	HIGH INTENSITY DISCHARGE
HO	HIGH OUTPUT
HOA	HAND-OFF-AUTO
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HSP	HOUSE SERVICE PANEL
HV,HVP	HIGH VOLTAGE, HIGH VOLTAGE POWER
HZ	HERTZ
IC	INTERCOM
IMC	INTERMEDIATE METAL CONDUIT
ISC	INTERRUPTING SHORT CIRCUIT
IG	ISOLATED GROUND
INST	INSTANTANEOUS
JB	JUNCTION BOX
KAIC	KILO (THOUSAND) AMPERES INTERRUPTION CAPACITY
KCMIL	KILO (THOUSAND) CIRCULAR MILS
KV	KILO (THOUSAND) VOLTS
KVA	KILO (THOUSAND) VOLT-AMPERES
KW	KILO (THOUSAND) WATTS
KWH	KILO (THOUSAND) WATT-HOURS
LCP	LIGHTING CONTROL PANEL
LPS	LOW PRESSURE SODIUM
LTG	LIGHTING
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MCB	MAIN CIRCUIT BREAKER
MCCB	MOLDED CASE CIRCUIT BREAKER
MCP	MOTOR CIRCUIT PROTECTOR
MFG	MANUFACTURING
MFR	MANUFACTURER
MECH	MECHANICAL
MH	MANHOLE, METAL HALIDE
MIC	MICROPHONE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG.HT.	MOUNTING HEIGHT
MSB	MAIN SWITCHBOARD
MSG	MAIN SWITCHGEAR
MV	MERCURY VAPOR
MVA	MEGA (MILLION) VOLT AMPERES
<N>	NEW
N	NEUTRAL
NC	NURSE CALL, NORMALLY CLOSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OH	OVERHEAD
P	POLE
PDU	POWER DISTRIBUTION UNIT
PNL	PANEL
POC	POINT OF CONNECTION
PVC	POLYVINYL CHLORIDE
P/I	PROVIDE AND INSTALL
PH, □	PHASE
PA	PUBLIC ADDRESS
PB	PUSHBUTTON
P&C	POWER & COMMUNICATION
<R>	REMOVED
<RE>	NEW LOCATION OF RELOCATED DEVICE
RCPT	RECEPTACLE
REQ'D	REQUIRED
<RL>	EXISTING TO BE RELOCATED
RGS	RIGID GALVANIZED STEEL CONDUIT
RS	RAPID START
SCA	SHORT CIRCUIT AVAILABLE
SEC	SECONDARY
SHT	SHEET
SN	SOLID NEUTRAL
SPECS	SPECIFICATIONS
STD	STANDARD
STP	SHIELDS TWISTED PAIR
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
TBD	TO BE DETERMINED
TCP	TEMPERATURE CONTROL PANEL
TD	TIME DELAY
TEL	TELEPHONE
TVSS	TRANSIENT VOLTAGE SURGE SUPRESSION
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPB	UNDERGROUND PULLBOX
UTP	UNSHIELDED TWISTED PAIR
V	VOLTS
VA	VENDOR FURNISHED, CONTRACTOR INSTALLED
VFCI	VOLT-AMPERES
VFD	VARIABLE FREQUENCY DRIVE
VFVI	VENDOR FURNISHED, VENDOR INSTALLED
VFI	VACUUM FUSED INTERRUPTER
VP	VAPORPROOF
W	WATTS, WIRE
WH	WATER HEATER
WP	WEATHERPROOF
WT	WATERTIGHT
XFMR	TRANSFORMER
XLPE	CROSS-LINKED POLYETHYLENE
XP	EXPLOSION PROOF

MOUNTING HEIGHTS

MOUNTING HEIGHTS SHALL BE TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED. WHERE BACK BOXES OF DIFFERENT SIZES ARE USED AND MOUNTED NEXT TO EACH OTHER OR ON THE SAME WALL, USE A COMMON CENTER LINE.

RECEPTACLES	18"	VOLUME CONTROLS	48"
RECEPTACLE WIREWAYS	43"	THERMOSTATS	48"
SWITCHES	48"	TELE/COMMUNICATION OUTLET	18"
MOTOR STARTERS, TO TOP	72"	PANELBOARDS, TO TOP	72"
DISCONNECTS, TO TOP	72"	CABINETS, TO TOP	72"
JUNCTION BOXES	15" MIN.	FIRE ALARM PULL STATIONS	48"

QUALITY ASSURANCE NOTES

1. FOLLOW AND ADHERE TO ALL MANUFACTURERS INSTALLATION INSTRUCTIONS.

2. ALL BACKFILL AND COMPACTION TESTING SHALL BE PERFORMED BY OWNER AND DOCUMENTATION PROVIDED TO OWNER OR HIS REPRESENTATIVE.

3. ALL ELECTRICAL TERMINATIONS SHALL BE TORQUED TO MANUFACTURERS' SPECIFICATIONS. WHERE THEY ARE NOT SPECIFIED, REFER TO UL STANDARDS 486A AND 486B. FINAL TORQUEING DOCUMENTATION SHALL BE PROVIDED TO OWNER OR HIS REPRESENTATIVE, WITH ONE OR THE OTHER IN WITNESS AT RANDOM TIMES.

4. LINE AND LOAD CONDUCTORS SHALL BE BRACED AND SUPPORTED (LASHED, HELD FIRMLY IN PLACE) IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S SPECIFICATIONS AND APPROVED INSTALLATION PRACTICES.

GENERAL NOTES

1. NOT USED.

2. THE CONTRACTOR SHALL MAKE AN EXAMINATION OF THE SITE AND COMPARE THE SITE WITH THE DRAWINGS AND SPECIFICATIONS AND SATISFY THEMSELVES AS TO CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. THE CONTRACTOR SHALL ASCERTAIN AND CHECK THE LOCATIONS OF ANY EXISTING STRUCTURES OR EQUIPMENT WHICH MAY AFFECT WORK THAT HAS TO BE PERFORMED, NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE IN CONTRACTOR'S BEHALF FOR ANY EXPENSE TO WHICH THE CONTRACTOR MAY BE PUT DUE TO FAILURE OR NEGLECT BY CONTRACTOR TO MAKE SUCH EXAMINATION.

3. REFER TO FUELING SYSTEM SHEETS FOR ADDITIONAL INFORMATION.

4. NOT USED.

5. NOTHING IN THE DRAWINGS OR SPECIFICATIONS IS INTENDED TO ALLOW A VIOLATION OF ELECTRICAL WORKING SPACE AROUND ELECTRICAL EQUIPMENT. ANY DEVIATION FROM THIS REQUIREMENT SHALL BE APPROVED, IN WRITING, BY THE ENGINEER. THE CONTRACTOR SHALL RELOCATE ANY EQUIPMENT IN VIOLATION OF THE ELECTRICAL CODE AT HIS OWN COST.

6. IDENTIFY EACH CONDUCTOR BY SHRINK-ON INDELIBLY MARKED BRADY-TAGS AND EACH ELECTRICAL ITEM BY BLACK-WHITE-BLACK ENGRAVED SCREW-ON PLASTIC NAMEPLATE, LEGEND PER DRAWING.

7. CONTRACTOR SHALL VERIFY THE CONDITION OF ANY AFFECTED EXISTING PANEL. DISCONNECT AND REMOVE ALL EXISTING UNUSED BRANCH CIRCUIT WIRING WHERE APPLICABLE. PANELBOARD SHALL BE CLEANED (DUST-FREE) AND RESTORED TO AS-NEW CONDITION PRIOR TO INSTALLATION OF NEW WORK. PROVIDE NECESSARY HARDWARE AND ACCESSORIES AS REQUIRED. COORDINATE WITH THE OWNER PRIOR TO CUT OVER WORK FOR APPROVED/SCHEDULED OCCURRENCES.

8. REFER TO THE DRAWINGS FOR LOCATIONS AND SPACE REQUIREMENTS OF ELECTRICAL EQUIPMENT. COORDINATE THE INSTALLATION OF ELECTRICAL EQUIPMENT WITH OTHER TRADES.

9. POWER FEEDERS MAY NOT BE SHOWN ON THE DRAWINGS. REFER TO THE SINGLE LINE DIAGRAM FOR FEEDER INFORMATION.

10. NOT USED.

11. RIGID METALLIC CONDUIT INSTALLED UNDERGROUND SHALL BE COATED WITH WATERPROOFING BLACK MASTIC BEFORE INSTALLATION, AND ALL JOINTS SHALL BE RECOATED AFTER INSTALLATION.

12. ELECTRICAL REQUIREMENTS SUCH AS CONDUIT ROUTING AND LOCATIONS OF ELECTRICAL DEVICES (RECEPTACLES, SWITCHES, FLOOR OUTLETS, CONDUIT STUBS, ETC.) SHOWN ON THESE PLANS ARE DIAGRAMMATIC AND SUBJECT TO VERIFICATION BY ELECTRICAL CONTRACTOR FOR THE INTERFACING OF THE ELECTRICAL WORK WITH THE INSTALLATION. CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS TO CLEAR THE OTHER FACILITIES EXCEPT AS SHOWN DIMENSIONED ON THE ARCHITECTURAL DRAWINGS OR AS APPROVED BY THE ARCHITECT.

13. ELECTRICAL CONTRACTOR SHALL PROVIDE REQUIRED TEMPORARY POWER DURING DURATION OF PROJECT, UNLESS OTHERWISE NOTED.

14. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS AND COORDINATE SCHEDULED LOCATIONS OF ELECTRICAL DEVICES.

GENERAL NOTES

15. ELECTRICAL EQUIPMENT SHOWN OR SPECIFIED FOR THIS PROJECT HAS BEEN GENERALLY SELECTED BASED ON DIMENSIONS TO FIT THE SPACE. THE CONTRACTOR SHALL VERIFY EQUIPMENT DIMENSIONS AND/OR ANY INTERFERENCES PRIOR TO ORDERING THE EQUIPMENT.

16. MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR SIZING, CIRCUIT BREAKER OR FUSE RATING OF ELECTRICALLY OPERATED EQUIPMENT MAY DIFFER FROM THOSE INDICATED ON DRAWINGS. CONTRACTOR SHALL CONFIRM RATINGS PRIOR TO ORDERING EQUIPMENT.

17. CONTRACTOR SHALL REVIEW THE MECHANICAL AND PLUMBING DRAWINGS, AND CONNECT ELECTRICALLY OPERATED EQUIPMENT UNLESS OTHERWISE NOTED. COORDINATE THE LOCATION AND ELECTRICAL CONNECTION REQUIREMENTS PRIOR TO ORDERING OF ELECTRICAL AND MECHANICAL EQUIPMENT.

18. CONTRACTOR SHALL REVIEW THE SECTIONS OF EACH DIVISION OF THE SPECIFICATION (WHERE APPROPRIATE) AND PROVIDE CONNECTIONS TO ELECTRICALLY OPERATED EQUIPMENT AS MAY BE SPECIFIED THEREIN.

19. ALL CONDUIT ONLY (CO) NOTED SHALL HAVE PULL ROPES OR WIRES INSTALLED, TENSILE STRENGTH MINIMUM OF 200 FT/LBS.

20. COORDINATE ALL UG PULLBOX LOCATIONS WITH THE CIVIL AND LANDSCAPE PLANS. REPORT AND RESOLVE ANY DISCREPANCIES PRIOR TO START OF WORK.

21. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), AND SHALL BEAR THEIR LABEL. ALL CONTROL PANELS SHALL BE SO LISTED AS AN ASSEMBLY.

22. ELECTRICAL EQUIPMENT AND FEEDERS SHALL BE SUPPORTED AND/OR ANCHORED IN ACCORDANCE WITH SEISMIC REQUIREMENTS. DO NOT SUPPORT CONDUITS FROM MECHANICAL DUCTS, PLUMBING, PIPING, OR EQUIPMENT OF ANY KIND.

23. NOT USED.

24. THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, MECHANICAL, STRUCTURAL, AND OTHER DRAWINGS AND DOCUMENTATION RELATED TO THE PROJECT FOR ADDITIONAL WORK TO BE PROVIDED.

25. NOT USED.

26. ANY WORK INSTALLED INCORRECTLY, OR BEFORE APPROVAL HAS BEEN OFFICIALLY GRANTED FOR THOSE ITEMS AT ISSUE, SHALL BE CORRECTED BY THE ELECTRICAL CONTRACTOR AT NO CHARGE TO OWNER/ARCHITECT/CLIENT.

27. ALL MATERIALS AND EQUIPMENT FURNISHED BY THE CONTRACTOR SHALL BE NEW AND COMPLETELY SERVICEABLE UNLESS OTHERWISE SPECIFIED.

28. CONTRACTOR SHALL COORDINATE ROUGH-IN AND FINAL CONNECTION REQUIREMENTS WITH THE OWNER, EQUIPMENT SUPPLIERS, GENERAL CONTRACTOR AND OTHER BUILDING TRADES BEFORE PROCEEDING WITH ANY FURTHER RELATED WORK. INSTALLATIONS SHALL BE IN FULL ACCORDANCE WITH EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND REQUIRED CODES. CONFLICTS AND INTERFERENCES SHALL BE RESOLVED IMMEDIATELY, BEFORE ANY INSTALLATION BEGINS.

29. NOT USED.

30. NOT USED.

31. NOT USED.

32. THE CONTRACTOR SHALL PROVIDE ALL FUSES AND OVERLOAD HEATER ELEMENTS REQUIRED FOR THIS CONTRACT INSTALLATION INCLUDING ANY FUSES BLOWN DURING INITIAL TESTING.

33. NOT USED.

34. CONDUIT AND WIRE SCHEDULE FOR NEW EQUIPMENT ARE GENERALLY INDICATIVE. CONTRACTOR SHALL REFER TO MANUFACTURER AND SUPPLIER OF EQUIPMENT FOR DETAILED WIRING DIAGRAM AND VERIFY THE EXACT ROUTING AND CONDUCTOR SIZE.

35. THE CONTRACTOR SHALL REFER TO MANUFACTURER AND SUPPLIER OF ELECTRICAL CONTROL EQUIPMENT FOR EXACT WIRING INTERCONNECTION.

36. ALL CONDUCTORS SHALL BE COPPER STRANDED, AND HAVE INSULATION TEMPERATURE RATING NOT LESS THAN 90deg C, UNLESS OTHERWISE NOTED THHN/THWN.

37. IDENTIFICATION OF UNGROUNDED CONDUCTORS IS REQUIRED FOR MULTIWIRE CIRCUITS:

SYSTEM	480Y/277V	208Y/120V	240/120V
PHASE A	BROWN	BLACK	BLACK
PHASE B	ORANGE	RED	ORANGE
PHASE C	YELLOW	BLUE	BLUE
NEUTRAL	GRAY	WHITE	WHITE
GROUND	GREEN	GREEN	GREEN

1

38. USE WIRE IDENTIFICATION COLOR CODE PER SPECIFICATIONS BELOW.

COLOR	DESCRIPTION
LT. BLUE	INTRINSICALLY SAFE CIRCUITS
GREEN	EQUIPMENT GROUNDING CONDUCTOR
YELLOW	CONTROL CIRCUITS SUPPLIED FROM EXTERNAL POWER SOURCE, INTERLOCKS

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LICENSED PROFESSIONAL
EBENJAMIN LIUE
FL LICENSE NUMBER
X89965X

PROJECT NUMBER	DESIGNED BY	KD
144124059	DRAWN BY	AB
DATE: JAN 2025	CHECKED BY	BE
NTS		

ELECTRICAL GENERAL NOTES AND ABBREVIATIONS

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

SHEET NUMBER
QE002

FUELING SYSTEM DESCRIPTION

DESCRIPTION:

1. THE FUELING SYSTEM IS A COMMON SYSTEM AND CONSISTS OF:
   - 1.1. 1-12,000 GALLON ABOVEGROUND GASOLINE DOUBLE-WALLED FUEL TANK.
   - 1.2. DOUBLE WALLED UNDERGROUND PIPING.
   - 1.3. 10 TWIN HOSE DISPENSERS.
   - 1.4. FUEL INVENTORY AND LEAK MONITORING SYSTEM.
   - 1.5. FUEL MANAGEMENT SYSTEM.
2. THERE IS ONE UNDERGROUND LINE FED FROM MASTER/SALVE PUMP CONFIGURATION.
3. THE INVENTORY AND LEAK MANAGEMENT SYSTEM MONITORS THE SYSTEM FOR LEAKS AND WILL TERMINATE THE SIGNAL FROM THE DISPENSERS TO THE PUMP WHEN A LEAK IS DETECTED AND GENERATE A TROUBLE SIGNAL.

NORMAL OPERATION:

1. A PROXIMITY CARD IS USED TO AUTHORIZE THE DISPENSER THROUGH THE FUEL MANAGEMENT SYSTEM.
2. ONCE AUTHORIZED THE HANDLE IS LIFTED TO RESET THE METER AND SEND A SIGNAL TO THE FUEL PUMP(S) TO START.
3. PLACE THE NOZZLE IN THE VEHICLE FUEL TANK.
4. WAIT FOR 3-4 SECONDS THEN SQUEEZE THE HANDLE TO DISPENSE FUEL.
5. ONCE FUELING IS COMPLETE RETURN NOZZLE TO DISPENSER.

EMERGENCY SHUT DOWN.

1. THE FUEL SYSTEM HAS TWO EMERGENCY SHUTDOWN BUTTONS LOCATED ON EITHER END OF THE EACH FUELING AREA.
2. WHEN AN EMERGENCY SHUTDOWN SWITCH IS ACTIVATED THE POWER PANEL FEEDING THE PUMPS AND DISPENSER WILL BE SHUNT TRIPPED.
3. THE EMERGENCY SWITCH THAT WAS ACTIVATED WILL BOTH SOUND AND ALARM AND TURN ON A STROBE LIGHT.
4. TO RESET THE SYSTEM AND SILENCE THE ALARM THERE IS A RESET PANEL WITH A THREE WAY SWITCH FOR ALARM SILENCE, RESET/START SYSTEM, AND NORMAL OPERATION.

PIPING LEGEND

LINE DESIGNATION	SYMBOLS
DOUBLE CONTAINED PRIMARY SIZE G-3-FRP-DC SERVICE G - GASOLINE S - SIPHON VR1 - STAGE I VAPOR RECOVERY V - VENT MATERIAL CS - CARBON STEEL CSG - CARBON STEEL, GALVANIZED CU - COPPER TUBING FRP - FIBERGLASS PIPE	FUEL PIPING ABOVEGROUND FUEL PIPING UNDERGROUND ELECTRICAL CONDUIT SENSORS LP LEVEL PROBE LS LEAK SENSOR SS SUMP SENSOR SYMBOLS EMERGENCY SHEAR VALVE BALL VALVE MOTORIZED BALL VALVE SOLENOID VALVE PRESSURE RELIEF VALVE CHECK VALVE PETCOCK REDUCER FLEXIBLE CONNECTOR

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GREGORY MAZUR
FL LICENSE NUMBER
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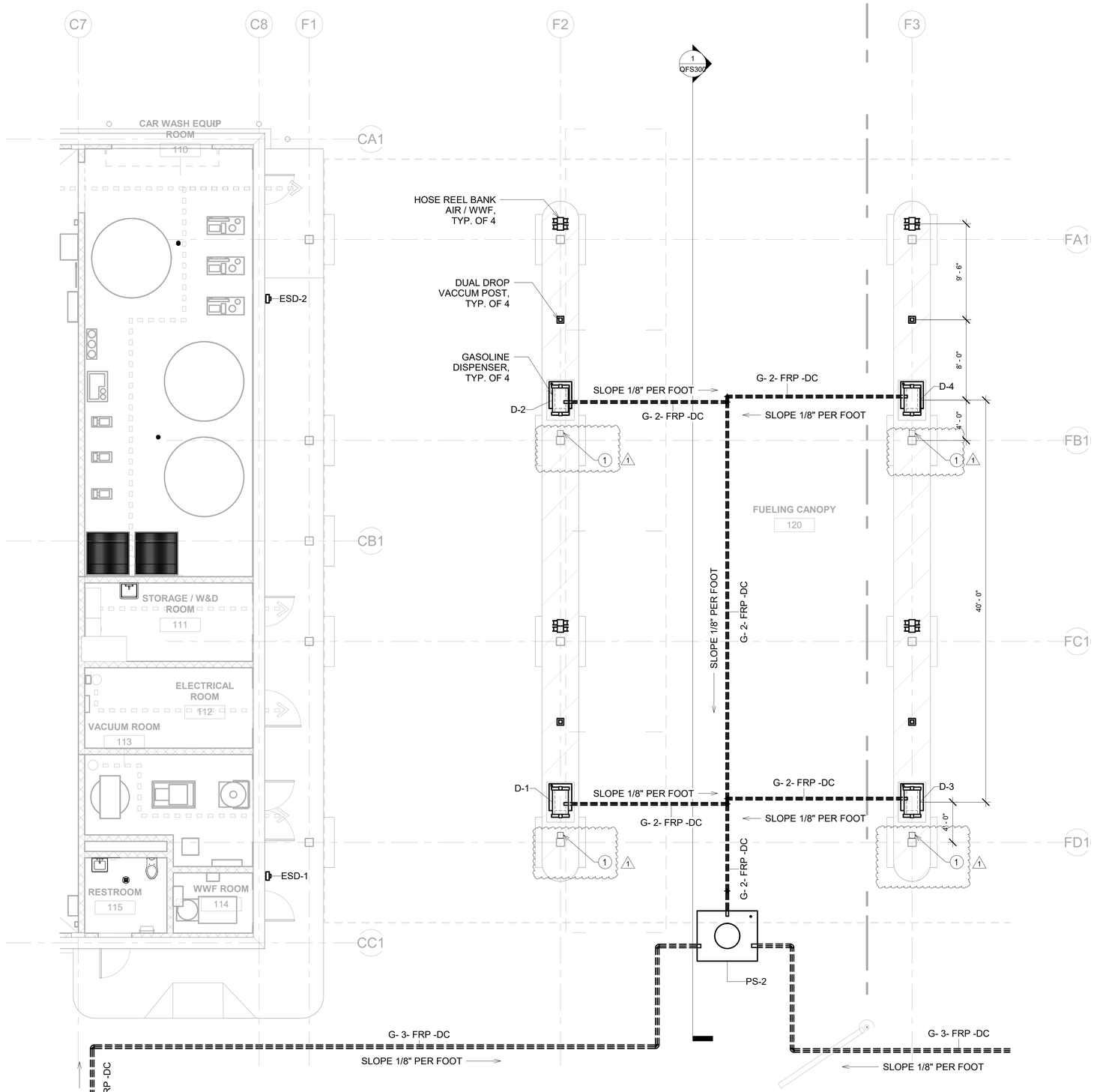
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FUELING SYSTEM GENERAL NOTES AND LEGEND

QUICK - TURNAROUND FACILITY
PREPARED FOR
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CITY OF TALLAHASSEE FLORIDA

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1 FUELING SYSTEM QTA BUILDING A PIPING PLAN
3/16" = 1'-0"

KEYNOTES

1 PROVIDE FIRE EXTINGUISHER IN CABINET TO BE MOUNTED ON EACH CANOPY COLUMN. ALL FIRE EXTINGUISHERS SHALL BE A MINIMUM OF 10 LB ABC DRY CHEMICAL HAVING AN AGENT DISCHARGE RATE OF 1 LB/SEC OR GREATER.

BUILDING A | BUILDING B | BUILDING C

SITE KEY

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FUELING SYSTEM QTA BUILDING A PIPING PLAN

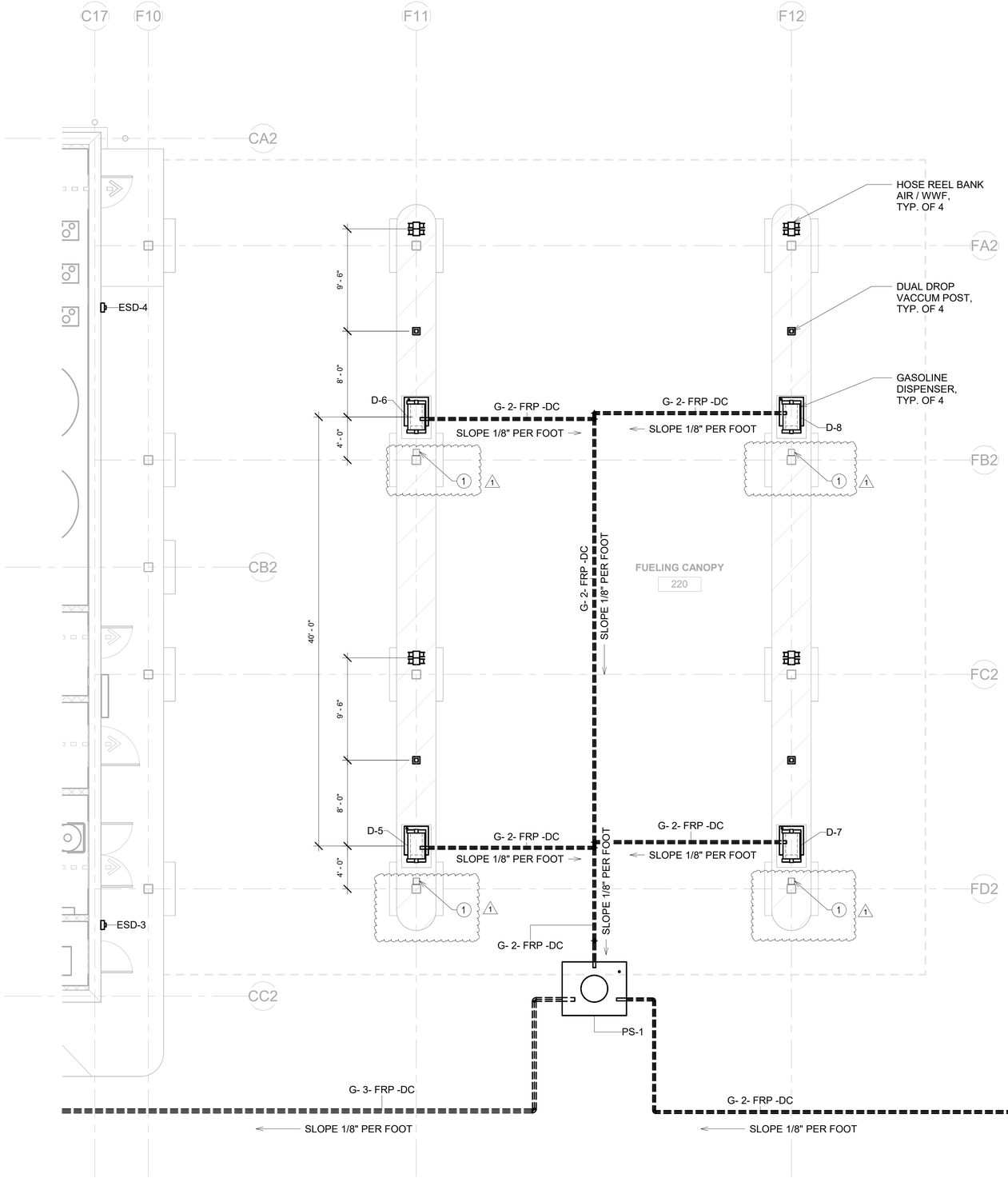
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1 FUELING SYSTEM QTA BUILDING B PIPING PLAN
3/16" = 1'-0"

BUILDING A BUILDING B BUILDING C

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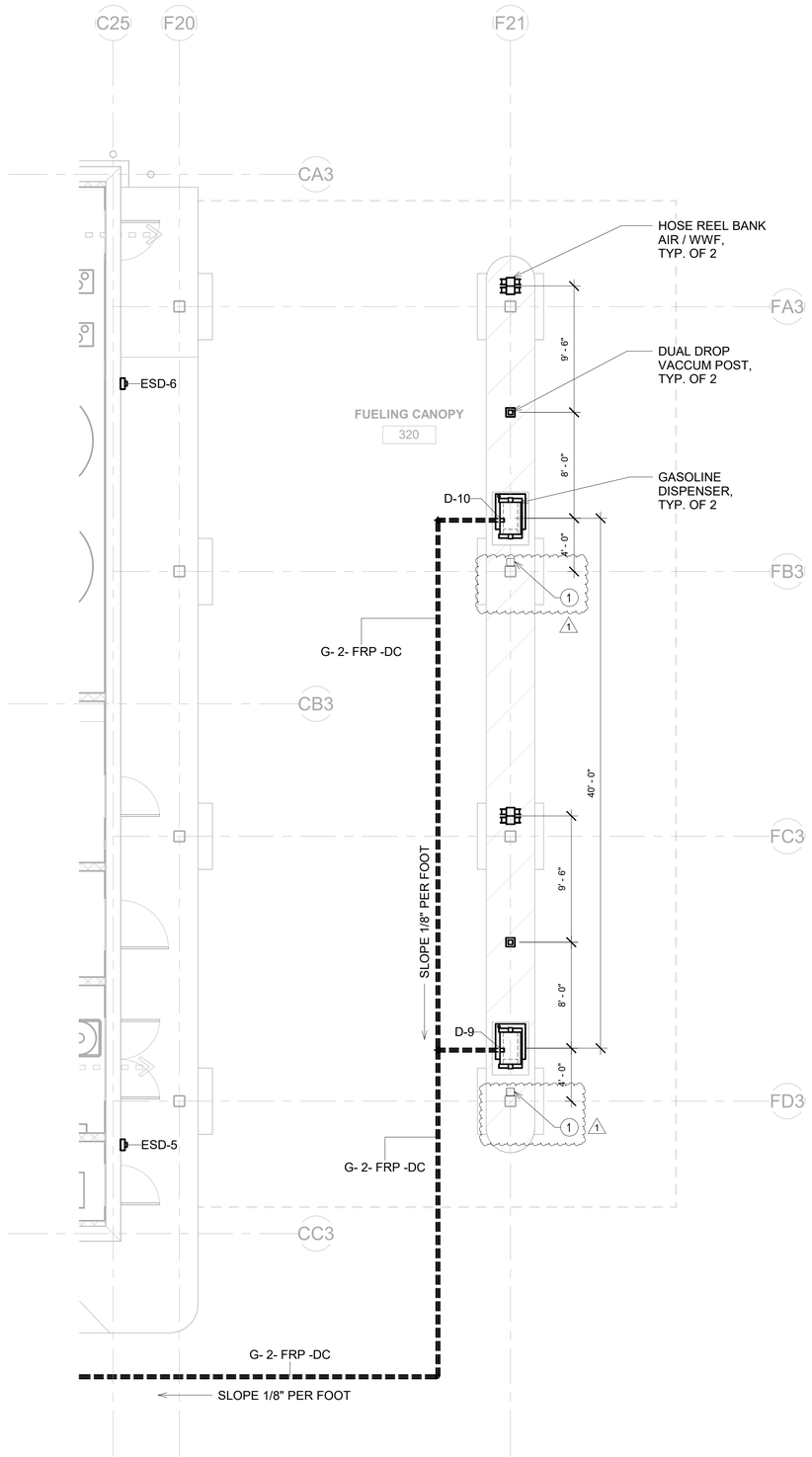
FUELING SYSTEM QTA BUILDING B PIPING PLAN

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1 FUELING SYSTEM QTA BUILDING C PIPING PLAN
3/16" = 1'-0"

KEYNOTES

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BUILDING A BUILDING B BUILDING C

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FUELING SYSTEM QTA BUILDING C PIPING PLAN

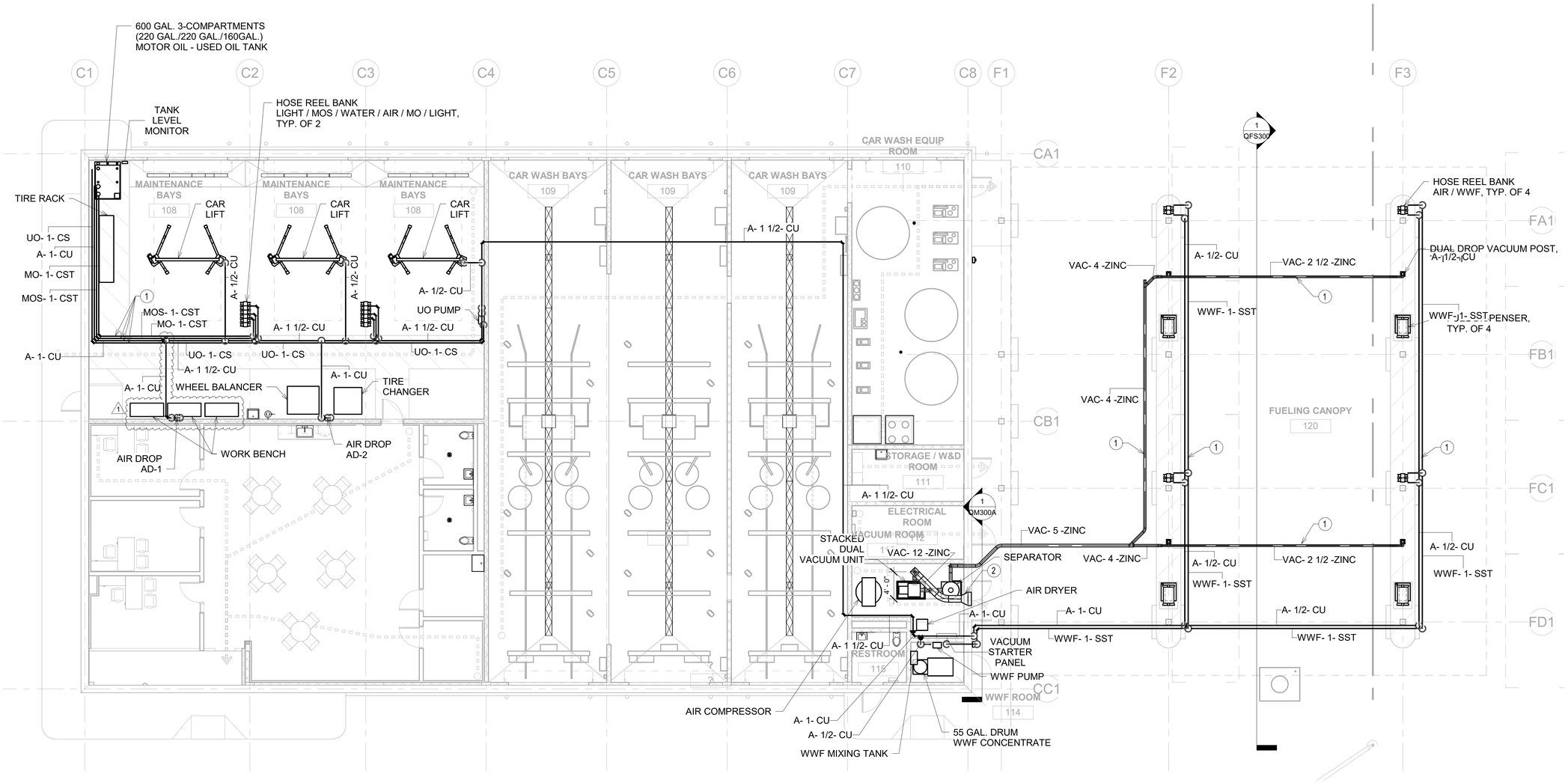
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KEYNOTES

1. REFER TO SHEET QM500 DETAILS 4 & 5 FOR PIPING SUPPORT.
2. PROVIDE TRANSITION FROM 12" DUCTING TO EXHAUST LOUVER. REFER TO MECHANICAL DRAWINGS FOR EXHAUST LOUVER SIZE.



1 MAINTENANCE SYSTEMS QTA BUILDING A PIPING PLAN
1/8" = 1'-0"

BUILDING A | BUILDING B | BUILDING C

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1/8" = 1'-0"		

MAINTENANCE SYSTEMS QTA BUILDING A PIPING PLAN

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

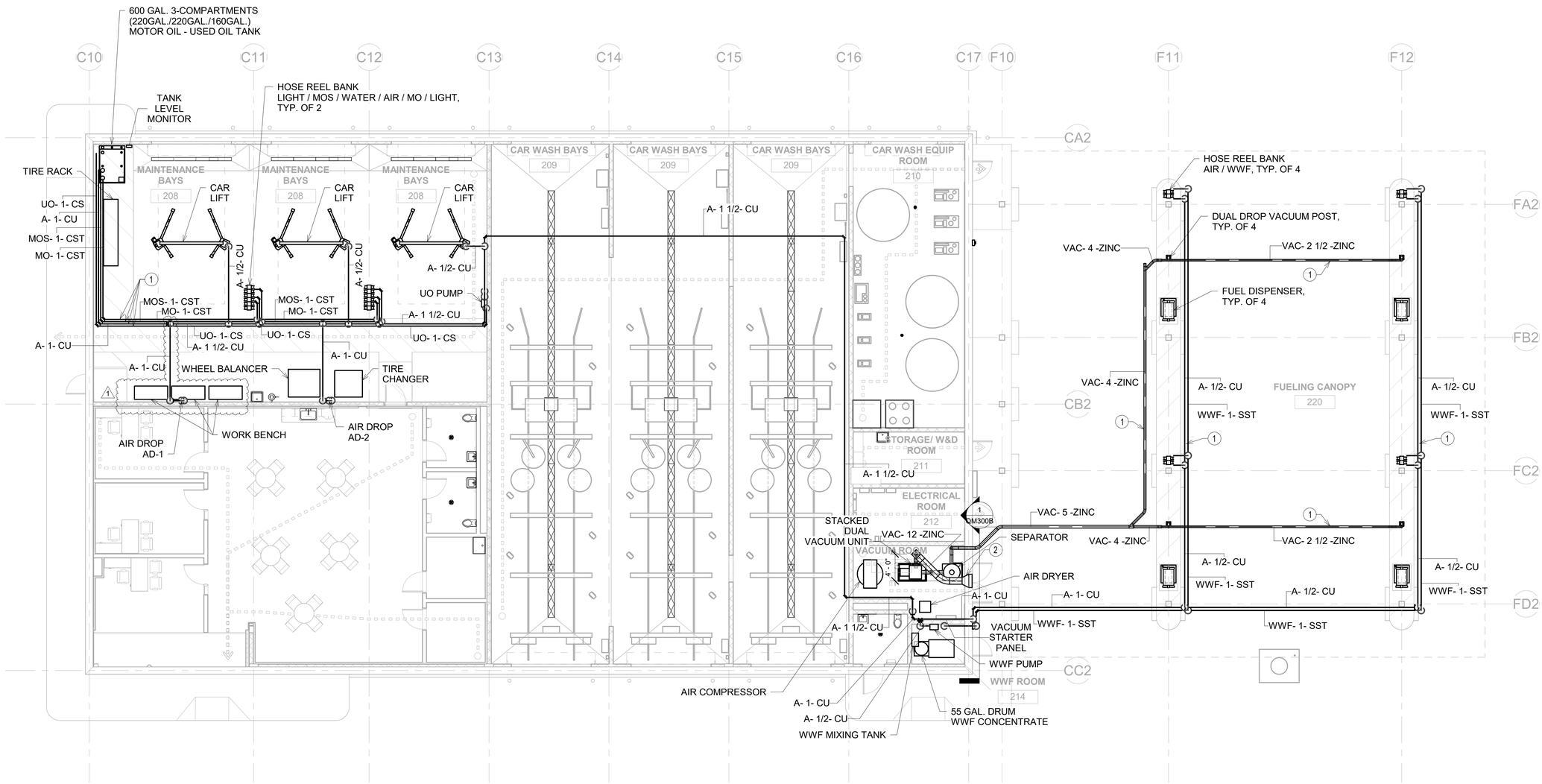
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2. PROVIDE TRANSITION FROM 12" DUCTING TO EXHAUST LOUVER. REFER TO MECHANICAL DRAWINGS FOR EXHAUST LOUVER SIZE.



1 MAINTENANCE SYSTEMS QTA BUILDING B PIPING PLAN
1/8" = 1'-0"

BUILDING A | BUILDING B | BUILDING C

SITE KEY

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LICENSED PROFESSIONAL
GREGORY MAZUR
FL LICENSE NUMBER
X61134X

PROJECT NUMBER	DESIGNED BY	CHECKED BY
144124059	AB	BE
DATE: JAN 2025	DRAWN BY	
1/8" = 1'-0"	AB	

MAINTENANCE SYSTEMS QTA BUILDING B PIPING PLAN

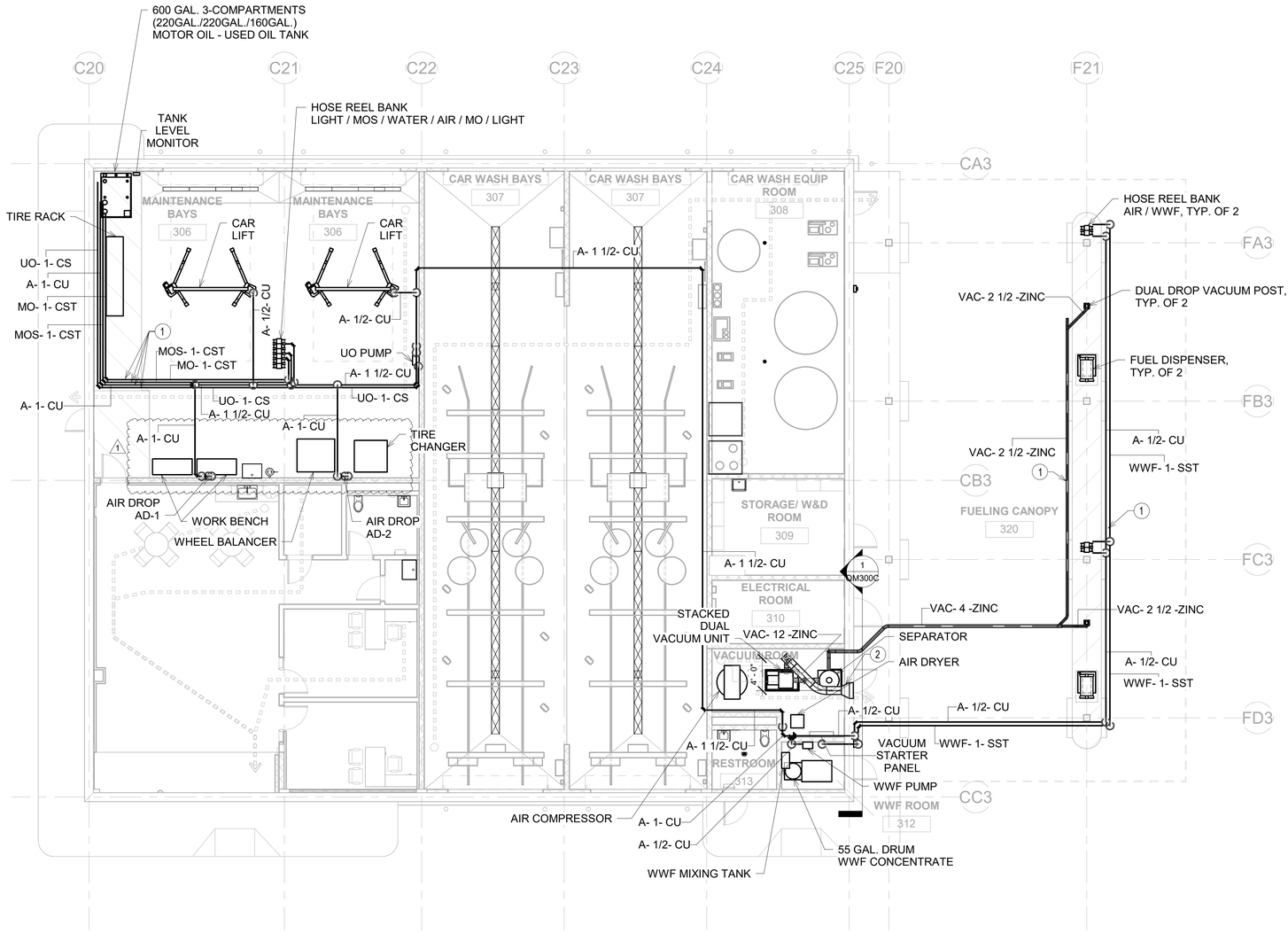
QUICK - TURNAROUND FACILITY
PREPARED FOR
TALLAHASSEE INTERNATIONAL AIRPORT
CITY OF TALLAHASSEE
FLORIDA

SHEET NUMBER
QM100B

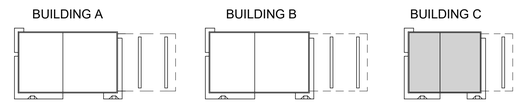
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KEYNOTES

1. REFER TO SHEET QM500 DETAILS 4 & 5 FOR PIPING SUPPORT.
2. PROVIDE TRANSITION FROM 12" DUCTING TO EXHAUST LOUVER. REFER TO MECHANICAL DRAWINGS FOR EXHAUST LOUVER SIZE.



1 MAINTENANCE SYSTEMS QTA BUILDING C PIPING PLAN
1/8" = 1'-0"



SITE KEY

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1/8" = 1'-0"	
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MAINTENANCE SYSTEMS QTA BUILDING C PIPING PLAN

QUICK - TURNAROUND FACILITY
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EQUIPMENT SCHEDULE

ITEM	NO. REQ'D	DESCRIPTION	MANUFACTURER	MODEL NUMBER	SIZE/CAPACITY	CONNECTIONS	FURNISHED BY: TENANT	FURNISHED BY: CONTR.	INSTALLED BY: TENANT	INSTALLED BY: CONTR.	REMARKS
LUBE TANKS AND EQUIPMENT											
M29 A B C	5 - 15	6-REEL MOUNTING CHANNEL, OPEN NOT USED CHANNEL MOUNTING BRACKETS	GRACO	24A-222 - 204-741				✓		✓	
M30 A B	5 5	HOSE REEL ASSEMBLY - AIR (OPEN) HOSE INLET KIT	GRACO	HSL65B 218-549	1/2" x 50' 1/2" x 24"			✓		✓	
M31 A B C	10 10 10	HOSE REEL ASSEMBLY - MOTOR OIL (OPEN) HOSE INLET KIT DISPENSE VALVE WITH ELECTRONIC METER	GRACO	HSM65B 218-549 255-350	1/2" x 50' 1/2" x 24" 1/2"			✓		✓	
M32 A B C	5 5 5	HOSE REEL ASSEMBLY - WATER (OPEN) HOSE INLET KIT DISPENSE BIBB	GRACO	HSL56B 218-549 180-685	3/8" x 65' 1/2" x 24"	½" WATER SUPPLY		✓		✓	
M33 A B C D	10 20 10 20	2-REEL MOUNTING CHANNEL, ENCLOSED SIDE ENCLOSURE KIT END PANEL KIT MOUNTING BRACKET	GRACO	203-522 24A-218 24A-951 204-741				✓		✓	
M34 A B C	10 10 10	HOSE REEL ASSEMBLY - WINDSHIELD WASHING FLUID-WWF (ENCLOSED) HOSE INLET KIT DISPENSE BIBB	GRACO	HPL65B 218-549 180-685	1/2" x 50' 1/2" x 24"	--		✓		✓	SD SERIES FOR FUEL ISLANDS
M35 A B	10 10	HOSE REEL ASSEMBLY - AIR (ENCLOSED) HOSE INLET KIT		HPL56B 218-549	3/8" x 65' 1/2" x 24"			✓ (1)		✓	SD SERIES FOR FUEL ISLANDS
M36	5	ELECTRIC CORD REEL, 50 FT CORD	REELCRAFT	L 5550 123 7		125V, 15 AMP		✓		✓	
M37	5	LIGHT CORD REEL, 50 FT CORD WITH FLUORESCENT LIGHT FIXTURE	REELCRAFT	L 4050 163 8		125V, 10 AMP		✓		✓	
M38	21	SHUT-OFF VALVE, AIR (PETCOCK)	GRACO	208-390	¼"	--		✓		✓	
M39	--	NOT USED									
M40	42	SHUT-OFF VALVE, AIR	GRACO	107-142	1/2"	--		✓		✓	
M41	--	NOT USED									
M42 A B	16 16	QUICK CONNECT COUPLER QUICK CONNECT COUPLER	GRACO GRACO	208-536 110-198	1/4" 3/8"	-		✓		✓	FOR CARLIFTS
M43	14	FILTER-REGULATOR-LUBE COMBO UNIT	GRACO	217-072	1/2"			✓		✓	
M44	10	TIRE INFLATOR	GRACO	236-206				✓		✓	FOR FUEL ISLANDS
M45	3	SOLENOID VALVE, NORMALLY CLOSED 200 PSI MAX DIFFERENTIAL PRESSURE, EXPLOSION PROOF	MAGNATROL	18A32	1/2"	--		✓		✓	FOR AIR SUPPLY TO WWF PUMPS
M46	16	SHUT-OFF VALVE, STAINLESS STEEL, WWF	JOMAR	T-SS-1001-N	1"	--		✓		✓	

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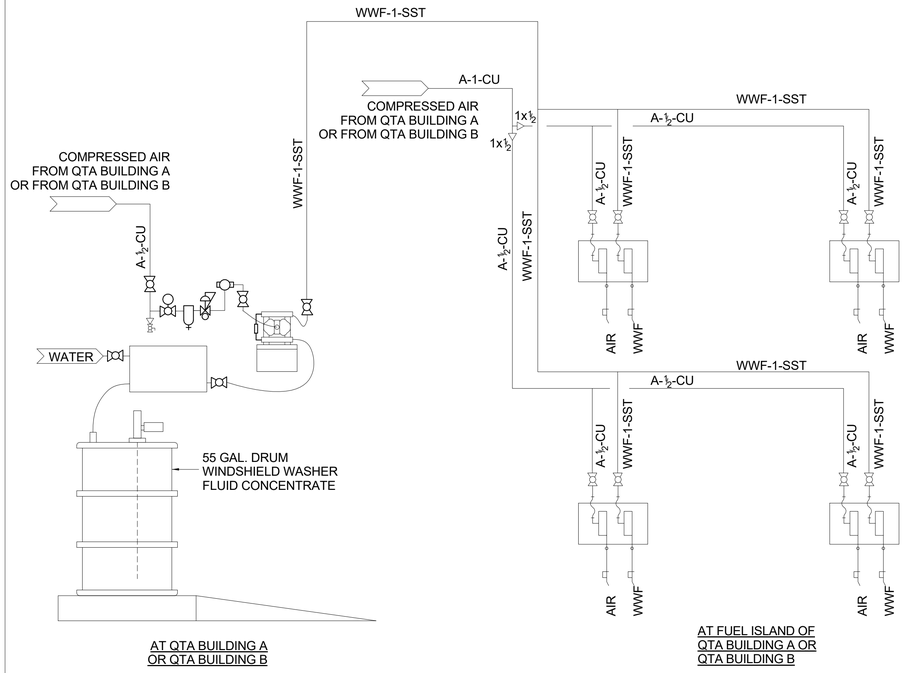
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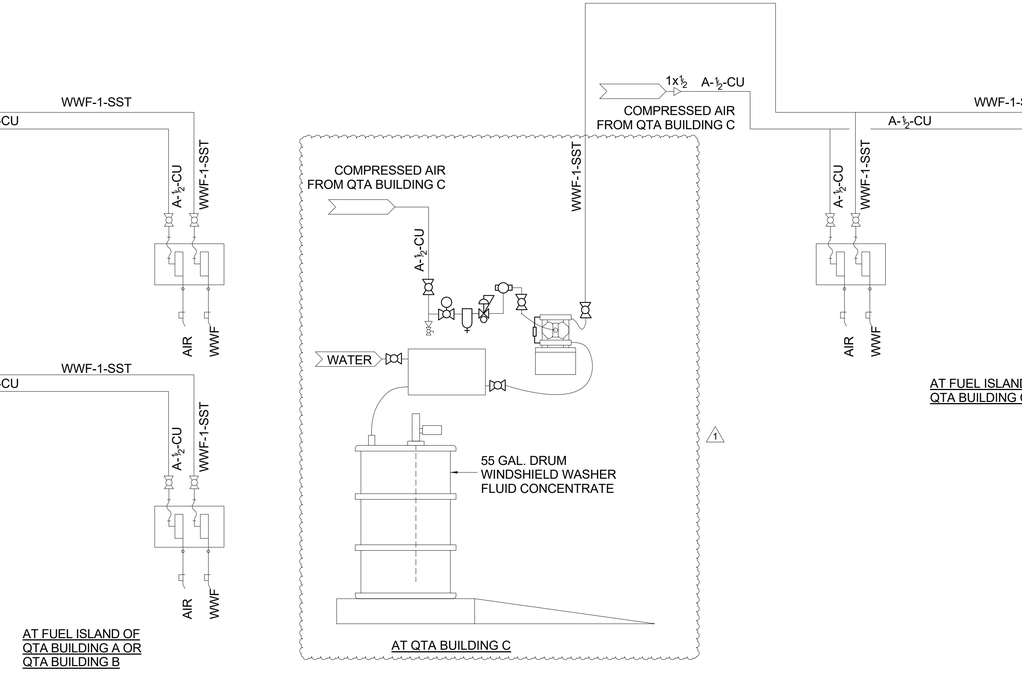
PROJECT NUMBER	144124059
DATE	JAN 2025
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DESIGNED BY	AB
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MAINTENANCE SYSTEMS EQUIPMENT SCHEDULE

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

SHEET NUMBER
QM601





LEGEND:

LINE DESIGNATION

SIZE

A-1-CU

SERVICE

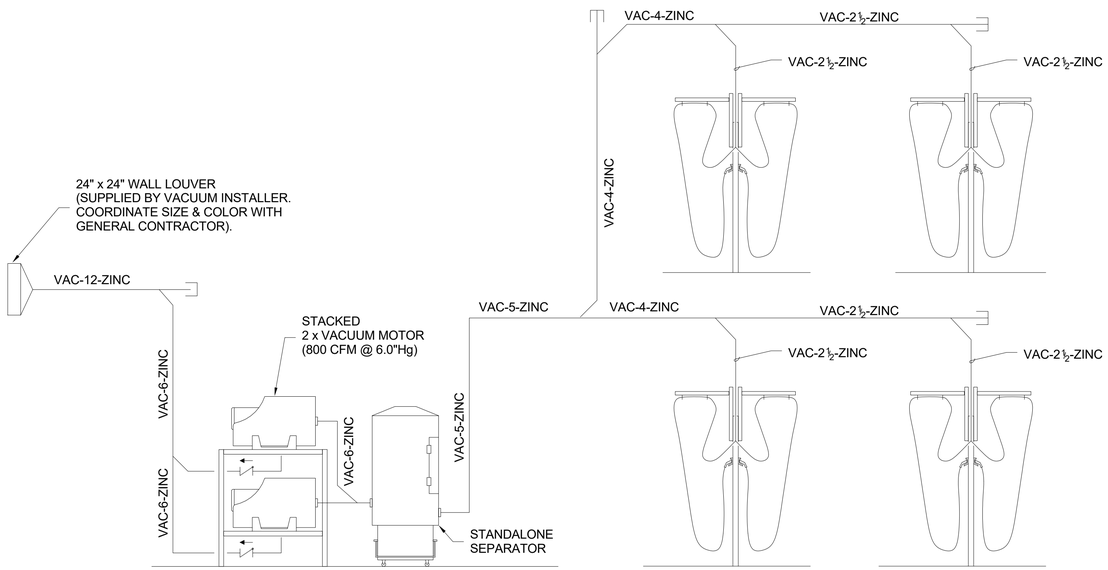
A - COMPRESSED AIR
VAC - VACUUM
WWF - WINDSHIELD
WASHING FLUID

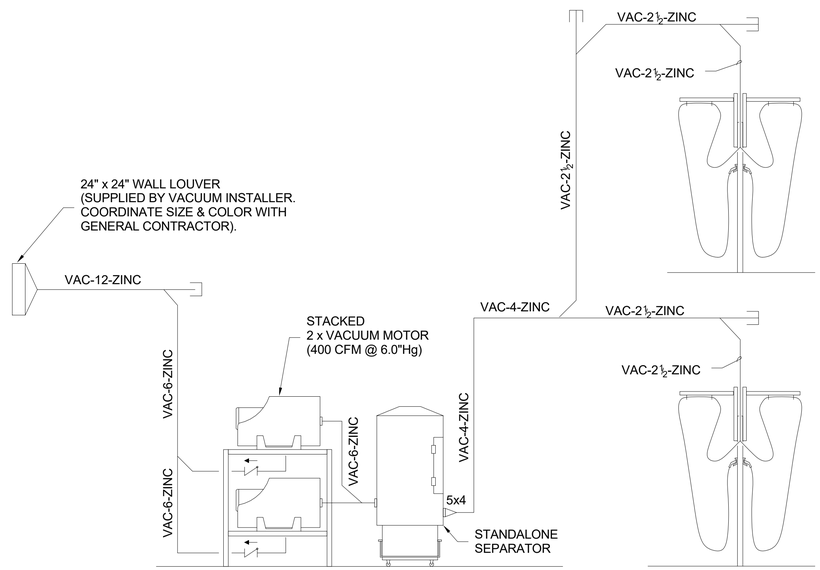
MATERIAL

CU - COPPER TUBING, TYPE L
SST - STAINLESS STEEL TUBING
ZINC - ZINC TUBING

SYMBOLS

- EMERGENCY SHEAR VALVE
- BALL VALVE
- SOLENOID VALVE
- PRESSURE RELIEF VALVE
- CHECK VALVE
- PETCOCK
- REDUCER
- FLEXIBLE CONNECTOR
- PRESSURE REGULATOR
- AIR FILTER
- PIPING ABOVEGROUND





1 FUEL ISLANDS COMPRESSED AIR, WWF AND VACUUM SYSTEM PIPING AND INSTRUMENTATION DIAGRAM
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PROJECT NUMBER	DESIGNED BY	
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DATE	DRAWN BY	
JAN 2025	AB	
SCALE	CHECKED BY	
NTS	BE	

MAINTENANCE SYSTEMS PIPING AND INSTRUMENTATION DIAGRAM

QUICK - TURNAROUND FACILITY
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SECTION 104413 - FIRE PROTECTION CABINETS

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. Fire-protection cabinets for the following:

a. Portable fire extinguishers.

B. Related Requirements:

1. Section 104416 "Fire Extinguishers."

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product. Show door hardware, cabinet type, trim style, and panel style. Include roughing-in dimensions and details showing recessed-, semirecessed-, or surface-mounting method and relationships of box and trim to surrounding construction.

B. Shop Drawings: For fire-protection cabinets. Include plans, elevations, sections, details, and attachments to other work.

C. Samples: For each type of exposed finish required.

D. Product Schedule: For fire-protection cabinets. Indicate whether recessed, semirecessed, or surface mounted. Coordinate final fire-protection cabinet schedule with fire-extinguisher schedule to ensure proper fit and function.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For fire-protection cabinets to include in maintenance manuals.

1.5 COORDINATION

A. Coordinate size of fire-protection cabinets to ensure that type and capacity of fire extinguishers indicated are accommodated.

B. Coordinate sizes and locations of fire-protection cabinets with wall depths.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Fire-Rated Fire-Protection Cabinets: Listed and labeled to comply with requirements in ASTM E 814 for fire-resistance rating of walls where they are installed.

B. 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.

2.2 FIRE-PROTECTION CABINET

A. Cabinet Type: Suitable for fire extinguisher.

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

a. Potter Roemer LLC.
b. Acceptable Alternate: Ansul.

~~1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:~~

~~a. American Specialties, Inc.~~
~~b. JL Industries, Inc.; a division of the Activar Construction Products Group.~~
~~c. Potter Roemer LLC.~~

A. Cabinet Construction: Nonrated and fire rated, matching rating of substrate wall.

1. Fire-Rated Cabinets: Construct fire-rated cabinets with double walls fabricated from 0.043-inch-thick cold-rolled steel sheet lined with minimum 5/8-inch-thick fire-barrier material. Provide factory-drilled mounting holes.
2. Provide wet location cabinets if required in the car wash.

B. Cabinet Material: Cold-rolled steel sheet.

1. Shelf: Same metal and finish as cabinet.

C. Recessed Cabinet:

1. Trimless with Hidden Flange: Flange of same metal and finish as box overlaps surrounding wall finish and is concealed from view by an overlapping door.

~~C. Semirecessed Cabinet: One-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend).~~

~~1. Square Edge Trim: 1-1/4" to 1-1/2" inch backbend depth.~~

D. Surface-Mounted Cabinet: Cabinet box fully exposed and mounted directly on wall with no trim.

~~D.~~E. Cabinet Trim Material: Same material and finish as door.

~~E.~~F. Door Material: Steel sheet.

~~F.~~G. Door Style: Vertical duo panel with frame.

~~G.~~H. Door Glazing: Tempered float glass (clear).

~~H.~~I. Door Hardware: Manufacturer's standard door-operating hardware of proper type for cabinet type, trim style, and door material and style indicated.

1. Provide continuous hinge, of same material and finish as trim, permitting door to open 180 degrees.

~~I.~~J. Accessories:

1. Mounting Bracket: Manufacturer's standard steel, designed to secure fire extinguisher to fire-protection cabinet, of sizes required for types and capacities of fire extinguishers indicated, with plated or baked-enamel finish.
2. Break-Glass Strike: Manufacturer's standard metal strike, complete with chain and mounting clip, secured to cabinet.
3. Door Lock: Cam lock that allows door to be opened during emergency by pulling sharply on door handle.
4. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing, and location. Locate as indicated.

    a. Identify fire extinguisher in fire-protection cabinet with the words "FIRE EXTINGUISHER."

        1) Location: Applied to cabinet glazing.
        2) Application Process: Silk-screened.
        3) Lettering Color: White.
        4) Orientation: Vertical.

~~J.~~K. Materials:

1. Cold-Rolled Steel: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B.

    a. Finish: Baked enamel or powder coat.
    b. Color: As selected by Architect from full range of industry colors and color densities.

2. Tempered Float Glass: ASTM C 1048, Kind FT, Condition A, Type I, Quality q3, 3 mm thick, Class 1 (clear).

2.3 FABRICATION

A. Fire-Protection Cabinets: Provide manufacturer's standard box (tub) with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated.

1. Weld joints and grind smooth.
2. Provide factory-drilled mounting holes.
3. Prepare doors and frames to receive locks.
4. Install door locks at factory.

B. Cabinet Doors: Fabricate doors according to manufacturer's standards, from materials indicated and coordinated with cabinet types and trim styles.

1. Fabricate door frames with tubular stiles and rails and hollow-metal design, minimum 1/2 inch thick.
2. Miter and weld perimeter door frames.

C. Cabinet Trim: Fabricate cabinet trim in one piece with corners mitered, welded, and ground smooth.

2.4 GENERAL FINISH REQUIREMENTS

A. Comply with NAAMM's AMP 500, "Metal Finishes Manual for Architectural and Metal Products," for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces of fire-protection cabinets from damage by applying a strippable, temporary protective covering before shipping.

C. Finish fire-protection cabinets after assembly.

D. 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 walls and partitions for suitable framing depth and blocking where ~~semi~~recessed cabinets will be installed.

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

3.2 PREPARATION

A. Prepare recesses for ~~semi~~recessed fire-protection cabinets as required by type and size of cabinet and trim style.

3.3 INSTALLATION

A. General: Install fire-protection cabinets in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.

B. Fire-Protection Cabinets: Fasten cabinets to structure, square and plumb.

1. Unless otherwise indicated, provide recessed fire-protection cabinets. If wall thickness is inadequate for recessed cabinets, provide semirecessed fire-protection cabinets.
2. Provide inside latch and lock for break-glass panels.
3. Fasten mounting brackets to inside surface of fire-protection cabinets, square and plumb.

3.4 ADJUSTING AND CLEANING

A. Remove temporary protective coverings and strippable films, if any, as fire-protection cabinets are installed unless otherwise indicated in manufacturer's written installation instructions.

B. Adjust fire-protection cabinet doors to operate easily without binding. Verify that integral locking devices operate properly.

C. On completion of fire-protection cabinet installation, clean interior and exterior surfaces as recommended by manufacturer.

D. Touch up marred finishes, or replace fire-protection cabinets that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by fire-protection cabinet and mounting bracket manufacturers.

E. Replace fire-protection cabinets that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 104413

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SECTION 28 12 01

SECURED AREA ACCESS CONTROL SYSTEM (SAACS)

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Secured Area Access Control System (Card Access System)

B. Door Position Monitoring

1.2 RELATED SECTIONS

A. Section 26 00 10: General Provisions

B. Section 26 05 13: Raceways and Boxes for Electrical Systems

C. Section 28 12 10: CCTV/Card Access/MATV/Paging Raceway Systems

D. This Section (28 12 01) is subject to all of the applicable provisions of the preceding sections.

1.3 SYSTEM DESCRIPTION

A. General:

1. The Secured Area Access Control System (SAACS) shall consist of equipment as specified and indicated on the drawings to be provided as part of the project.
2. This section includes labor, material, equipment and related services necessary to furnish and install Card Access system equipment complete with required devices and wiring connections as shown on the drawings and as further specified herein.
3. The system shall be connected to the existing Card Access system network.
4. The access control system shall provide monitoring of the position of each secured barrier/door. Provide end of line resistors at the barrier/door contacts to provide supervision of the circuits. All barrier/door position switches will be connected to the access control system.
5. The access control system shall:
    a. Maintain programmed security status of each barrier/door in the system (hold open, released in response to a valid card access system transaction, or secured).
    b. Independently monitor the position of each barrier/door.
    c. Display and record text descriptions for all alarm and barrier/door operations.
    d. Provide alarm shunt to the doors opened or held by valid transactions.
    e. Activate an audible/visual alarm whenever a person attempts to operate a secured barrier/door without permission from the card access system. Alarm shall occur during the 15 seconds of the delay exit timer, and a signal shall be sent to the access control system to initiate a display of the door being alarmed.

B. Software

1. The access control equipment provider shall provide all software necessary for system operation. All software and programming to operate and control the access control system will be defined by the owner during the initialization of the software.

C. Interface to Other Systems

1. Provide alarm-input signals to the CCTV system in response to barrier/door monitor and other alarms.

D. System Networking:

1. The access control system will monitor and control the access control functions in the areas which are described in this specification.
2. Provide a dedicated data connection to the nearest Telecommunications Room (TR) for each intelligent control panel, to enable communication to the SAACS system server.

E. Hardware:

1. The electric operated barrier/ door hardware and contacts will be provided by the security system contractor for each security barrier/door type as described in this specification. The contractor shall coordinate the requirements of all of the electric hardware. The security access control system supplier shall provide the power supplies for the equipment. The contractor shall provide all connections to the electric hardware terminal strips to control the electric hardware.

F. Power:

1. The contractor shall provide all 120 VAC for the requirements of the complete system. (The SAACS equipment shall be powered by an uninterruptible power supply (UPS).

1.4 SUBMITTALS

A. Contractor shall furnish a complete shop drawing package for each system of the proposed security system. For general requirements see Section 26 00 10. Shop drawings not including all of the listed items shall be returned not approved.

B. Shop drawings shall be clearly legible. Poorly made reproductions of manufacturer's originals shall be returned not approved.

C. The submittal shall be neatly bound in a comb binder with protective covers. The front cover will include the project name, electrical contractor's name, specification section number, and the submitting equipment supplier.

D. Contractor is to provide only the information described below. Additional information, intended for the installing technician, operation instructions, maintenance information, is not to be submitted with the shop drawing submittal.

E. This submittal shall consist of, but not be limited to:

1. Page No. 1: Title sheet showing the contractors and suppliers name, address, telephone number and date submitted.

2. Page No. 2: A material list showing quantity, manufacturer, type and description of each item being furnished.
3. Catalog Sheets: Complete technical data for each item being furnished. Data describing more than one type of item shall be clearly marked to indicate the type of device the contractor intends to provide for a given application, so that the engineer shall not have to assume which options are to be furnished for the project. Also include all A/E specifications.
4. Physical and Schematic Drawings: Indicating any special and custom components or hardware.
5. Mounting Requirements: Clearly marked for the equipment to be used.
6. An Itemized List of Exceptions Taken to the Specification with Explanation of Each: All exceptions taken to these specifications and all substitutions of operating capabilities or equipment called for in these specifications, shall be listed in writing and forwarded to the Engineer with the submittal. Any such exception, variance or substitution that are not listed and not identified in the submittal shall be interpreted as being furnished.
7. Copies of service contracts, costs and on site response times shall be provided with bid submission.
8. Equipment schedules.
9. Barrier/Door schedules.
10. Complete drawings covering the following shall be submitted by the contractor for the proposed system:
    a. One Line Riser Drawing: Indicate all system components, all interconnecting wiring, power connections, wiring type, all connections to interfaced equipment. All system components will be identified with the area or door location. Typical riser drawings which do not reflect the actual project requirements or a riser drawing indicating only partial equipment are not acceptable. Provide riser drawing on a 30" x 42" drawing.
        1) 1/8" scale floor plans indicating all equipment and contractors services to be provided with the exact locations, with point-to point interconnect drawings, all conduits and conduit sizes, conductor counts with type and size. power requirements, panel locations.
11. The security system contractor shall supply information attesting to the fact that their firm is an authorized product dealer for the system proposed.
12. The security system integrator shall supply information attesting to the fact that their installation and service technicians are competent factory trained personnel capable of maintaining the system and providing service in a timely manner.
13. The security system integrator shall provide a minimum of three (3) references whose systems are of similar complexity and have been installed and maintained by the security system contractor in the last five (5) years.

1.5 QUALITY ASSURANCE

A. The manufacturer of all hardware and software components employed in the system shall be established vendors to the access control/security monitoring industry for no less than five (5) years.

B. The security system integrator shall have been regularly engaged in the installation and maintenance of integrated access control systems similar in size and scope to that outlined herein for a period of no less than five (5) years.

C. The system manufacturer and supplier shall be able to provide complete engineering, technical and support services to properly complete the project as designed. The manufacturer and supplier shall provide:

1. Project management as required by engineer and owner.
2. Complete project testing and training to the engineers and owners satisfaction.
3. Service personnel to be factory trained on the equipment to be provided on the project.
4. Maintain inventory levels to provide service parts as required by the specification.

D. Provide a security system conforming to the requirements of the latest edition of the following publications including all amendments to these publications:

1. NFPA 70: National Electrical Code

E. Construct and install all equipment in accordance with Underwriters Laboratories Inc. (UL) and the Americans with Disabilities Act (ADA).

F. Manufacturer's Representative: Provide the services of a representative or technician from the manufacturer of each system, experienced in the installation and operation of the type of system provided. The technician shall supervise installation, software documentation, adjustment, preliminary testing, final testing and certification of the system. The technician shall provide the required instruction to the Owner's personnel in the system operation, maintenance and programming.

G. *System Contractor/Integrator Qualifications*

1. The system contractor/integrator shall have enterprise-level certification from the approved manufacturer.

2. The system contractor/integrator responsible for providing the ACS shall have at least 10 years' experience in furnishing and installation of such systems.

3. The system contractor/integrator shall have previous experience in installation of airport security systems in the U.S. for at least 2 projects in the past 5 years. The contractor shall provide names of the project, year completed, and references to the A/E for review and approval.

4. The system contractor's project manager and on-site superintendent shall have a minimum of 15 years of experience.

5. Manufacturer qualifications:

a. The manufacturer of the ACS shall be an established organization with referenced and documented experience delivering and maintaining security systems of equal or higher sophistication and complexity as compared to the system detailed in this project.

b. The ACS manufacturer's manufacturing facilities shall be certified ISO-9000:2000 operations, utilize ISO-9000:2000 manufacturing procedures, and maintain their ISO certifications.

PART 2 PRODUCTS

2.1 MANUFACTURERS.

A. As listed below:
1. ABB Industrial Automation
2. Bosch Security Systems
3. Checkpoint Systems
4. Honeywell
5. Keyscba
6. Schneider Electric
7. United Technologies
8. Or approved equal

2.2 SYSTEM SUPPLIER

A. The system supplier listed for furnishing the card access system shall have prior approval by the Airport.

B. The designated SAACS Technician shall perform a selected portion of the work on this project.

1. Final card access system connections to the existing headend shall be performed by TLH approved Secure Area Access Control System (SAACS) Technician.

2.3 INTELLIGENT CONTROL PANELS

A. The intelligent control panel shall be capable of operating off-line, making access control decisions independently from the system server. The panel shall have the ability to connect directly to the system server via direct serial communication, dial-up modem, or TCP/IP network connection.

B. The intelligent control panel shall support any combination of up to 32 input/output or reader board modules to monitor alarm input points, relay output points and access control reader interfaces.

2.4 BARRIER CONTROL UNIT

A. The Barrier Control Unit shall consist of a cabinet assembly, which contains reader board modules, input/output modules, and auxiliary equipment.

B. The Barrier Control Unit shall be located adjacent to controlled devices, and shall connect to the Intelligent Control Panel via serial connections.

2.5 NOT USED

2.6 NOT USED

2.7 NOT USED

2.8 MASTER CARD READERS

A. The reader shall feature encryption to protect credentials and data transfer between the credential and reader.

B. The reader shall include an audio sounder to signify access granted, access denied, power up, and diagnostics.

C. The reader shall include a tri-color visual status indicator.

2.9 DEPENDENT CARD READERS

A. The reader shall feature encryption to protect credentials and data transfer between the credential and reader.

B. The reader shall include an audio sounder to signify access granted, access denied, power up, and diagnostics.

2.10 NOT USED

2.11 NOT USED

2.12 SYSTEM CABLE AND WIRE

A. The card access system will be connected with cabling as recommended by the manufacturer.

PART 3 EXECUTION

3.1 INSTALLATION

A. General:

1. The work enumerated in this section shall be furnished and installed to establish a complete and fully operational card access system as described herein and as shown on the drawings.
2. Equipment shall be installed and wired in accordance with accepted engineering and installation practices.
3. The contractor and required subcontractor shall furnish all conduit, terminal cabinets, junction and outlet boxes, wiring, etc. required as to provide complete and operational system.
4. Check equipment against approved equipment schedule upon delivery. Store equipment to protect against loss or damage.

5. Equipment to be applied to metal shall be installed utilizing a template. Template drawings and schedule shall be supplied to the appropriate fabricator or installer.
6. Equipment shall be completely fitted before final coat of paint or other finish is applied and then removed. Permanently install equipment after finishing operations are complete and dry.
7. All terminations and final testing shall be done under the direct supervision of the Airports SAACS Technician. Coordinate with the Airport as required to ensure proper system installation.
8. Selected SAACS devices shall be mounted on Telecommunications Equipment Cabinets. Installer shall coordinate with Telecommunications Contractor prior to ordering devices, and again prior to installation.

B. Conduit:

1. Conduit shall be securely fastened to the permanent building structure. Conduit within Telecommunications Equipment Cabinets shall be secured to the cabinet internal frame.

C. System Wiring:

1. Cable and wiring shall be installed in a dedicated conduit system.
2. Install cable in unbroken lengths between designated terminations.
3. All splices shall be made in an approved manner and shall be located only in junction boxes. No splices are permitted in conduits or raceways. Wires required to be spliced shall be terminated on a miniature distribution block mounted in a junction box.
4. When splicing shielded cables, continuity and isolation of the shield shall be maintained throughout the circuit. Shield wires shall be grounded at the remote device locations only. Shield in junction or termination boxes shall be insulated and isolated as to provide only one ground point. They will not be grounded at the security equipment racks.
5. All cable and wiring shall be identified and tagged with permanent type markers to denote component and location served. Label each cable at both ends. Apply cable ID's to match existing system or as directed by owner.
6. Provide conductor gauge and counts as recommended by the manufacturer. Install strictly according to equipment manufacturer's installation instructions.
7. All conductors which are terminated shall have a heat shrink sleeve applied prior to termination.

D. Power:

1. The contractor shall provide all 120 VAC for the requirements of the complete security card access system. The security card access supplier shall provide all 120 VAC power requirements to the contractor.

E. Card Readers:

1. Shall be installed on as indicated on the detail drawings unless specifically indicated otherwise on the project drawings. The system supplier shall furnish manufacturers backboxes. The electrical contractor shall provide all other required backboxes.

F. Electric Lock Hardware:

1. Coordinate the installation requirements with the hardware supplier and install the power supplies.

3.2 TESTS AND ADJUSTMENTS

A. Upon completion of the installation phase, the supplier shall thoroughly test and adjust the system to ensure proper operation.

B. Each and every function and feature of the system shall be tested at this time.

C. Fiber optic cable shall be tested and documented prior to installation and after installation by both fiber optic meter for comparison and verification of satisfactory post installation performance, fiber optic cable shall be installed per ANSI/ELAIM 56B-A specifications.

D. Components shall be assembled and tested prior to installation at the job site. After installation functions of the system shall be tested and shall be made operational prior to acceptance by the Owner.

E. Where required, appropriate correction(s) and adjustments shall be made.

F. Contractor will submit a testing report of the results of the contractor testing to the engineer.

3.3 TRAINING

A. The suppliers shall provide a minimum four (4) hours of training for the security system to the owner's operating personnel.

B. The supplier shall provide the owner with forms and schedules for organization and documentation of all system operating parameters.

3.4 AS-BUILT DOCUMENTATION

A. The contractor shall furnish to the construction coordinator complete as-built manuals for review prior to issuing to the owner. The manuals shall be legible and easily read with large drawings contained with the manuals. These shall be assembled in loose-leaf binders with professionally labeled tabs and shall contain the following:

1. Cover: The following information shall be inscribed on the cover:

a. "OPERATION AND MAINTENANCE MANUAL."
b. Building location.
c. The name of the contractor, system manufacturer and system subcontractor.
d. The name and phone number of the responding service company at the project location.

2. Typewritten operating instructions.
3. System maintenance manuals and maintenance instructions. Complete servicing data.
4. Part numbers of all replaceable components.
5. Approved shop drawing data sheets.

6. As-built system wiring diagrams

    a. A corrected riser drawing originally submitted with the shop drawings will be included. All changes in equipment, locations, circuits, will be identified. Provide information on the conductor type and colors that were installed.
    b. Corrected floor plan drawings indicating the installation locations of all remote panels, the locations of all installed peripheral equipment, and the types of conductors, color of conductors, the installed conduit sizes and installed routes of the conduit system.
    c. The record drawing masters shall be scaled, uniformly sized, and produced on printed bond paper. Drawing files shall also be presented in digital form.

3.5 PRE - CHECK OUT

A. The Contractor shall verify the following before scheduling the system demonstration.

1. System installation is complete.
2. System is fully operational and tested.
3. All alarm points report as specified.
4. Programming is complete and functioning to the satisfaction of the Owner.
5. Employee and Visitor access cards programming are programmed.

3.6 FINAL CHECKOUT AND ACCEPTANCE

A. The Contractor shall verify the following before requesting final approval.

1. Owner training is complete.
2. As-built documentation is complete and turned over to the Engineer.

B. The supplier shall be available to demonstrate the operation and use of the system to the Owner's representatives.

C. Final acceptance of the system will be given upon completion of all of the above requirements.

3.8 SYSTEM GUARANTEE

A. The system supplier shall, in conjunction with the system manufacturer, provide a complete parts and labor warranty for the system. The warranty period shall commence on the date of final acceptance and shall continue for a period of one (1) year. During this period the system supplier shall provide all materials and labor required to correct any system malfunction or failure at no charge to the Owner. This warranty shall cover any system malfunction or failure except those which are caused by negligence, abuse or misuse.

3.9 MAINTENANCE

A. The system supplier shall be a local authorized service agent for the system and shall maintain a local service organization, which is available to perform testing, inspection, maintenance and repair of the system.

3.10 SPARE PARTS

A. All spare parts shall be directly interchangeable with the corresponding components of the installed systems.
B. All spare parts shall be suitably packaged and identified by nameplate, stamping, or tagging.
C. The Contractor shall furnish a list of all other spare parts and accessories which the manufacturer recommends to be stocked for maintenance of the system.

PART 4 – MEASUREMENT AND PAYMENT

4.1 METHOD OF MEASUREMENT

Access Control Cabinet shall be measured by the number of cabinets installed as completed units in place, ready for operation, and accepted by the owner. Installation of the cabinet shall include all required access control equipment including but not limited to the access control panel, switch, power supply, ground bus bar, UPS, fiber optic path, power receptacle, cabinet foundation, grounding rod and wires and any other required equipment for the access control to be operational.

Access Control Implementation in Building shall be measured by each access control system integrated into the building and accepted by the owner. This work shall include all labor and materials to complete access control implementation to the building.

Fiber Optic Cable shall not be measured and shall be lump sum. Fiber Optic Cable shall include labor and materials to install all cable needed to complete the security system as shown in the plans. The security system includes all gates, CCTV, access control, and other security features shown in the plans. The system shall be operational and accepted by the owner to be considered complete.

4.2 BASIS OF PAYMENT

These prices shall fully compensate the Contractor for furnishing all materials and for all preparation, excavation, and installation of these materials; and for labor, equipment, tools and incidentals necessary to complete the item.

Payment will be made under:

Item 28 12 01-1 TLH Access Control Cabinet – per each

Item 28 12 01-2 RAC Access Control Cabinet – per each

Item 28 12 01-3 Access Control Implementation in Building – per each

Item 28 12 01-4 Fiber Optic Cable, Up to 24 Strand – per lump sum

END OF SECTION

SECTION 28 20 00

VIDEO SURVEILLANCE SYSTEMS

PART 1 GENERAL

1.1 WORK INCLUDES

A. This section provides information on the cameras, recording requirements and associated field wiring required to implement cameras within the facilities of the TLH Airport.

1.2 SUBMITTALS

A. Partial submittals are not acceptable. Submit all documentation in accordance with Conditions of Contract and Division 1 Specification Sections as well as this section. Where there is a conflict the more stringent will apply.

B. Product Data: For each type of product indicated. Include dimensions and data on features, performance, electrical characteristics, ratings, warranty and finishes.

1. Product Data sheets containing more than one (1) device or component model number shall be clearly marked to delineate items included.

C. Shop Drawings: Include plans, elevations, sections, details, panel wiring schematics and attachments to other work.

1. Detail equipment assemblies and indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
2. Functional Block Diagram: Show single-line interconnections between components for signal transmission and control. Show cable types and sizes.
3. Wiring Diagrams: Show power, signal, and control wiring.

D. Equipment List: Include every piece of equipment by model number, manufacturer, serial number, location, and date of original installation. Add pretesting record of each piece of equipment, listing name of person testing, date of test, set points of adjustments, name and description of the view of preset positions, description of alarms, and description of unit output responses to an alarm.

E. Testing Plan: Submit for review and approval, by the Engineer or designated representative a test plan prior to substantial completion. The test plan shall detail test procedures and test reports that indicate testing methods, testing device calibration, and interpretations of test results for Field Acceptance Tests. The test plan shall detail the objectives of all tests. The tests shall clearly demonstrate that the CCTV system and its components fully comply with the requirements specified herein.

F. Field Documents

1. Field-Record Documentation shall include information required in the Shop Drawing Submittals but revised with hand-marks by the Integrator to reflect “as installed”

conditions. The documents shall be updated daily to reflect the most recent installation activity. The documents shall be kept on-site and be made available for inspection by the Engineer during a site visit.

2. Fifteen (15) days prior to the Scheduled Final Acceptance testing, submit one (1) copy of the Field Drawings to the Engineer for field verification.
3. Update all documentation to reflect changes or modifications made during final acceptance testing as required and submit finalized "Record" Drawings. The Documentations shall be submitted to the Owner for review within forty-five (45) days after final acceptance. Receipt and approval of Field Documents is a prerequisite to release of retention and final payment.

1.4 QUALITY ASSURANCE

A. The manufacturer of all hardware and software components employed in the system shall be established vendors to the access control/security monitoring industry for no less than five (5) years.

B. The security system integrator shall have been regularly engaged in the installation and maintenance of integrated access control systems similar in size and scope to that outlined herein for a period of no less than five (5) years.

C. The system manufacturer and supplier shall be able to provide complete engineering, technical and support services to properly complete the project as designed. The manufacturer and supplier shall provide.

1. Project management as required by engineer and owner.
2. Complete project testing and training to the engineers and owners satisfaction.
3. Service personnel to be factory trained on the equipment to be provided on the project.
4. Maintain inventory levels to provide service parts as required by the specification.

D. Provide a security system conforming to the requirements of the latest edition of the following publications including all amendments to these publications.

1. NFPA 70: National Electrical Code

E. Construct and install all equipment in accordance with Underwriters Laboratories Inc . (UL) and the Americans with Disabilities Act (ADA).

F. Manufacturer's Representative: Provide the services of a representative or technician from the manufacturer of each system, experienced in the installation and operation of the type of system provided. The technician shall supervise installation, software documentation, adjustment, preliminary testing, final testing and certification of the system. The technician shall provide the required instruction to the Owner's personnel in the system operation, maintenance and programming.

G. *System Contractor/Integrator Qualifications*

1. The system contractor/integrator responsible for providing the Video Management System (VMS) shall have at least 10 years' experience in furnishing and installation of such systems.

2. The system contractor/integrator shall have previous experience in installation of airport VMS in the U.S. and Caribbean region for at least 2 projects in the past 5 years. Contractor shall provide names of the project, year completed, and references to the A/E for review and approval.
3. The system contractor's project manager and on-site superintendent shall have a minimum of 15 years of experience.
4. Manufacturer qualifications:
    a. The manufacturer of the VMS shall be an established organization with referenced and documented experience delivering and maintaining security systems of equal or higher sophistication and complexity as compared to the system detailed in this project.
    b. The VMS manufacturer's manufacturing facilities shall be certified ISO-9000:2000 operations, utilize ISO-9000:2000 manufacturing procedures, and maintain their ISO certifications.
    c. The VMS manufacturer shall employ at a minimum the following methods for QA of component and assembly devices:
        1. Visual inspection of devices shall be performed to verify assembly according to defined procedures. End-of-line operational tests shall be performed to ensure product functionality has been correctly configured. A system burn-in period shall be utilized to screen for early-life failures of electronic components.
    d. Individual functionality and system-level regression testing shall be performed to ensure compliance with product specifications. Single and multiple-unit system tests shall be performed to mimic end-user installation configurations. Automated hardware and software testing shall be utilized to evaluate system performance under published operational loads and shall be compared to published system capabilities.
5. VMS software experience: The VMS contractor/integrator shall have factory-trained personnel from the approved manufacturer with a minimum of 5 years' experience in system integration and a minimum of 2 years' experience in the proposed VMS for this project. Submit the name of the qualified personnel.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURES

A. Equipment manufacturers as indicated in the design documents.

2.2 FIXED DOME CAMERA – INDOOR/OUTDOOR

A. Impact-resistant, fixed camera dome shall incorporate a fixed camera/lens combination. The camera polycarbonate dome shall be available for indoor/outdoor, ceiling or wall mounting configurations. The high-resolution IP camera shall be available with an autoiris,

varifocal lens. A smoked impact-resistant dome shall be included. The camera shall support for digital pan/tilt/zoom

B. The camera position shall have a three-direction adjustment, allowing for adjustment of pan, tilt and lens rotation (roll), for any angle of view required.

C. The camera lens shall rotate a full 170° on its axis, enabling unobstructed views at 0° and 90°.

D. Camera Specifications:

1. Imaging Device/Sensor: 1/3” MOS or CMOS image sensor
2. Resolution: 1920x1080
3. Video Stream: H.264, MJPEG
4. IR/LED: IR LED
5. Wide Dynamic Range: Yes
6. Minimum illumination: Color: 0.05 lx, BW: 0 lux with IR illumination on
7. Lens/Focal Length: 2.8-10mm
8. Field Of View:
    a. Horizontal field of view: 30° - 108°
    b. Vertical field of view: 17° - 58°
9. SDXC/SDHC/SD Memory Card Slot: Yes
10. I/O: NA
11. Network: 10BASE-T/100BASE-TX RJ45 Connector
12. PoE Class/Power: IEEE802.3af PoE 12.95 W
13. Operating Temperature: -40° to +122° Fahrenheit.
14. Water and Dust Resistance: IP66- and NEMA 4X- Rated.

E. Manufacturers

1. As indicated on drawings.

2.3 PTZ DOME CAMERA- INDOOR/OUTDOOR

A. I-resistant, PTZ camera dome shall incorporate a movable camera/lens combination providing 30x optical zoom. The camera polycarbonate dome shall be available for pole or wall mounting configurations. The high-resolution IP camera shall be available with a 360 degree pan for camera repositioning. A smoked impact-resistant dome shall be included

B. The camera position shall have 360 degrees endless Panning, allowing for adjustment of pan, tilt, for any angle of view required.

C. Camera Specifications:

1. Imaging Device/Sensor: ½.8" MOS
2. Resolution: 1920x1080
3. Video Stream: H.264, MJPEG
4. IR/LED: IR Filter

5. Wide Dynamic Range: Yes
6. Minimum Illumination: Color: 0.015 lux B/W: 0.006 lux
7. Lens/Focal Length: 4.25–170 mm
8. Field Of View: Horizontal field of view: 65°–2.1° Vertical field of view: 39°–1.2°
9. SDXC/SDHC/SD Memory Card Slot: Yes
10. I/O: 3 I/O Input/Outputs
11. Network: 10BASE-T/100BASE-TX RJ45 Connector
12. PoE Class/Power: IEEE802.3at PoE+ 25.5 W
13. Operating Temperature: -10°C to +55°C (14 °F to 131 °F) Humidity 10-90%
14. Water and Dust Resistance: IP66
15. Shock Resistance: IK10

E. Manufacturers:

1. As indicated on drawings.

PART 3 EXECUTION

3.1 INSTALLATION

A. General:

1. The contractor shall furnish and install a complete and fully operational closed circuit television system as described herein and as shown on the drawings.
2. Equipment shall be installed and wired in accordance with accepted engineering and installation practices.
3. The contractor shall furnish all conduit, terminal cabinets, junction and outlet boxes, wiring, etc. required to provide complete and operational system.
4. Check equipment against approved equipment schedule upon delivery. Store equipment to protect against loss or damage.
5. Equipment to be applied to metal shall be installed utilizing a template. Template drawings and schedule shall be supplied to the appropriate fabricator or installer.
6. Equipment shall be completely fitted before final coat of paint or other finish is applied and then removed. Permanently install equipment after finishing operations are complete and dry.
7. All materials, equipment, components and devices shall be new and unused, of current manufacture, standard design and the best of their representative kind (i.e., manufacturer's latest design) where specified. The Owner or his representative must approve all devices. Custom designed or custom modifications of standard products may be permitted at the sole discretion of the Owner.
8. Workmanship shall be of the highest standard using current practices.
9. All materials, equipment, components and devices shall be rated at the voltage, current and frequency for use on the power supply or source to which they are connected. All equipment shall have UL approvals (except were allowed by the Owner), and are designed and manufactured for the intent specified.

10. Video test images shall be utilized to determine the optimum location of all camera locations.

B. All camera housings raceway, and other exposed devices in elevators shall be securely mounted and fastened using correction-grade requirements.

C. All installations shall comply with electrical installation standards.

D. Labeling: All switches, controls and indicators shall be clearly labeled and permanently etched or engraved legends which will make their function clear, and which corresponds to the nomenclature used in equipment operating and service manuals.

E. Conduit: The complete closed circuit television system will be installed in conduit. All conduit shall be securely fastened to the permanent building structure.

F. System Wiring:

1. Cable and wiring shall be installed in conduit.
2. Install cable in unbroken lengths between designated terminations.
3. All splices shall be made in an approved manner and shall be located only in junction boxes. No splices are permitted in conduits or raceways. Wires required to be spliced shall be terminated on a miniature distribution block mounted in a junction box.
4. When splicing shielded cables, continuity and isolation of the shield shall be maintained throughout the circuit. Shield wires shall be grounded at the remote device locations only. Shield in junction or termination boxes shall be insulated and isolated as to provide only one ground point. They will not be grounded at the security equipment racks.
5. All cable and wiring shall be identified and tagged with permanent type markers to denote component and location served. Label each cable at both ends. Apply cable ID's to match existing system or as directed by owner.
6. Provide conductor gauge and counts as recommended by the manufacturer. Install strictly according to equipment manufacturer's installation instructions.
7. All conductors which are terminated shall have a heat shrink sleeve applied prior to termination.

G. Grounding: All equipment is required to have the appropriate grounding per code and manufacturer requirements. Where provided, the security contractor will install, using the appropriate cable gauge and cable type, to the building ground system. Building steel maybe used as an authorized termination point if approved by the Owner. The Owner reserves the right to review all grounding concepts and require replacement or upgrade to the grounding system at no additional cost to the Owner.

H. Uniformity of Equipment Erection: The specification and drawings are diagrammatic only, the location of apparatus and equipment being approximate only. Before commencing work, the security contractor and electrical contractor shall verify the exact position of equipment to be installed by reference to the architectural drawings and coordination with the owner. It is the responsibility of the security contractor and electrical contractor to ensure that all equipment and materials provided by the security contractor fit into the provided spaces. The Security Contractor must take into consideration the requirement for

maintenance and other factors effecting installation. ADA requirements are to be met to the fullest extent possible.

I. Power: The electrical contractor shall provide all 120 VAC for the requirements of the complete system. The closed circuit television supplier shall provide all 120 VAC power requirements to the bidding electrical contractors.

J. Cameras: All cameras will be verified and approved with the owners' representatives prior to any installation work being performed. Any cameras that are installed without the owners' approval and requires adjustment by the owner shall be relocated at no additional cost to the owner.

K. Camera Lenses: Contractor shall field verify lens size at time of installation by a visual test with the engineer and a representative of the Owner. Lens changes made as a result of this test shall not result in a cost increase to the Owner unless a substantial change is required. Substantial shall be considered to be wider than 4.5 mm or more telephoto than 36 mm.

L. CCTV Monitors: Provide coordination with the Owner's representative and all required programming to provide the camera viewing and sequence of operation of all connected cameras.

3.2 TESTS AND ADJUSTMENTS

A. Upon completion of the installation phase, the supplier shall thoroughly test and adjust the system to insure proper operation.

B. Each and every function and feature of the system shall be tested at this time.

C. Where required, appropriate correction(s) and adjustments shall be made.

D. Contractor will submit a testing report of the results of the Contractor testing to the Engineer.

3.3 TRAINING

A. The suppliers shall provide a minimum of four (4) hours of training for the system to the Owner's operating personnel. The time's selected for training shall be available during times convenient to the owners and during first, second and third shifts.

B. The supplier shall provide the Owner with forms and schedules for organization and documentation of all system operating parameters.

3.4 AS-BUILT DOCUMENTATION

A. The Contractor shall furnish to the construction coordinator complete as-built manuals. These shall be assembled in loose-leaf binders and shall contain the following:

1. Upon completion of the installation, record drawings shall be submitted on the system before final acceptance of the work. The contractor shall furnish to the Engineer a set of record drawings including system diagrams for the system. Manuals shall be dated when work was completed and must be turned over to Owner within 30 days of completion.

B. The Contractor shall furnish to the Owner complete as-built manuals. The manual shall be legible and easily read with large drawings contained with the manuals. These shall be assembled in loose-leaf binders with professionally labeled tabs, and shall contain the following:

1. Cover: The following information shall be inscribed on the cover:
    a. "OPERATION AND MAINTENANCE MANUAL."
    b. Building location.
    c. The name of the contractor, system manufacturer and system subcontractor.
    d. The name and phone number of the monitoring station responding to alarms at the project location.
2. Typewritten Project Description.
3. System maintenance manuals and maintenance instructions.
4. Name, address and phone number of the responsible service organization.
5. Approved shop drawing data sheets.
6. As-built system wiring diagram: A corrected riser drawing originally submitted with the shop drawings will be included. All changes in equipment, locations, circuits, will be identified. Provide information on the conductor type and colors that were installed.
7. Operation and Maintenance Data: It is intended that the operation and maintenance manuals be exhaustive in the coverage of the system to the extent that they may be used as the sole guide to the troubleshooting, identification, and repair of defective parts for cameras, power supplies, infrared illuminators, monitors, workstations, network video recorders, control-station components and all products provided under this contract. In addition to items specified in Division 1 Section "Operation and Maintenance Data," include the following.
    a. Lists of spare parts and replacement components that are to be stored at the site by the Integrator for ready access.
    b. Detailed wiring diagrams, schematics, and functional details such that any component, wire, or piece of equipment in the system may be easily identified by going to the actual equipment and making reference to this manual.
    c. The maintenance manuals shall contain adjustment procedures, component location diagrams and replacement parts identification. All references to equipment not supplied on this Project shall be crossed out. Maintenance schedules for all installed components shall include inspections and preventative maintenance schedules, and documentation of all repaired or replacement procedures including power-up and power down sequences.

3.5 PRE - CHECK OUT

A. The Contractor shall verify the following before scheduling the system demonstration.

1. System installation is complete.
2. System is fully operational and tested.

3. Programming is complete and functioning to the satisfaction of the Owner.

3.6 FINAL CHECKOUT AND ACCEPTANCE

A. The Contractor shall verify the following before requesting final approval.

1. Owner training is complete.
2. As-built documentation is complete and turned over to the Engineer.

B. The supplier shall be available to demonstrate the operation and use of the system to the Architect/Engineer and to the Owner's representatives.

C. Final acceptance of the system will be given upon completion of all of the above requirements.

3.7 SYSTEM GUARANTEE

A. The system supplier shall, in conjunction with the system manufacturer, provide a complete parts and labor warranty for the system. The warranty period shall commence on the date of final acceptance and shall continue for a period of one (1) year. During this period the system supplier shall provide all materials and labor required to correct any system malfunction or failure at no charge to the Owner. This warranty shall cover any system malfunction or failure except those which are caused by negligence, abuse or misuse.

3.8 MAINTENANCE

A. The system supplier shall be a local authorized service agent for the system and shall maintain a local service organization which is available to perform testing, inspection, maintenance and repair of the system.

PART 4 – MEASUREMENT AND PAYMENT

4.1 METHOD OF MEASUREMENT

The CCTV camera will be measured by the number installed as completed units in place, ready for operation, and accepted by the owner. Installation of the CCTV camera shall include the pole-mounted cabinet enclosure containing CCTV equipment including, but not limited to, fiber to ethernet midspan converter, power connection, surge protection, fiber termination box with serviceable loop, and any other required equipment to be functional.

4.1 BASIS OF PAYMENT

These prices shall fully compensate the Contractor for furnishing all materials and for all preparation, excavation, and installation of these materials; and for labor, equipment, tools and incidentals necessary to complete the item.

Payment will be made under:

Item 28 20 00 CCTV Camera and Equipment, Furnish and Install – per each

END OF SECTION

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	$	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	$

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RENTAL CAR QUICK-TURNAROUND FACILITY
BID FORM

BASE BID						
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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	JUNIPERUS VIRGINIANA - EASTERN RED CEDAR	$	85	EA	$
44	32 93 00-2	MAGNOLIA GRANDIFLORA `D.D. BLANCHARD` - D.D. BLANCHARD MAGNOLIA	$	102	EA	$
45	32 93 00-3	ILEX X `NELLIE R STEVENS` - NELLIE STEVENS 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	$	3	EA	$

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		BASE BID				
		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*

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BASE BID						
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		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	$	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	$

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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	$
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43	32 93 00-1	JUNIPERUS VIRGINIANA - EASTERN RED CEDAR	$	85	EA	$
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45	32 93 00-3	ILEX X `NELLIE R STEVENS` - NELLIE STEVENS 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	$	3	EA	$

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58	11 11 26-1	CAR WASH SYSTEM (COMPLETE) - BUILDING A	$	1	LS	$
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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	$
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