



ADDENDUM 1

ITB AP 25-19

VPS Security Checkpoint

Date of Issue: December 27, 2018

Quote Submittal Deadline: The Bid Date and submission time has NOT CHANGED

A. Questions and Answers

- 1.) Communications cabling is to remain 5" from fluorescent lighting / ballasts. Comm. Cabling to be run through structural bracing, fixture mounted to structural bracing. Should we hang the fixtures down from structural bracing to attain the rule, or can we provide shielded cabling in lieu of this rule?
 - a. Yes, shielded cabling may be installed instead of pendant mounting the light fixture. This clarification will be issued in Addendum No. 1.
- 2.) Who provides the light fixtures, airport, or EC.?
 - a. The electrical contractor is to furnish and install.
- 3.) Sheet E-001, Electrical Notes, #10 states, All work to be installed in concealed constructional underground conduits. Note #16 states, Existing flooring is not to be disturbed. Please advise.
 - a. There is no underground on the project. That note is general in nature. All conduits/wire shall be concealed in columns and beams where possible.
- 4.) Vista floor track was spec'd for the last upgrade of lane 3, is this a consideration for this installation as well? Is there any way we can find out who fabricated the columns that were provided on the checkpoint lane 3 installation? We would like to match them if possible.
 - a. The Vista floor track was specified in the Lane 3 expansion project and was not utilized. Everything was installed in a column. We followed suit on this project and showed Vista columns at each connection location. No floor track or cable trays will be acceptable as they are identified as a trip hazard by TSA.
- 5.) Will you all please forward any info / submittals on the structural bracing being provided for the lane 4 installation. Or forward contact info for the company supplies it.

- a. As-built and shop drawings of the original structural frame are provided to reference details. City Glass in Ft Walton was the sub-contractor that previously installed all storefront walls and glass, and Brian Cathey was the general contractor for both previous projects for the exit lane and can be contacted for details on the aluminum columns used as vertical conduit as an alternative to the Vista columns.
- 6.) I can only assume that the contractor on the last checkpoint project submitted some form of specification, drawing, or description for the columns they provided for lane 3 for approval prior to providing them. Is that information available? Trying to find a manufacturer or local fabricator to match what is existing. Let me know.
- a. A lot of the electrical/comm details and guidance are found on pages 74-83 of the attached TSA design guide...specifically Figure 3-3.7. For the previous project when the decision was made to go with the aluminum columns versus the Vista columns due to lead time, the previous contractor fabricated them at his shop once dimensions were verified to fit the face plate of the power and comm outlets. For the break metal on all surfaces we approved clear anodized aluminum.
- 7.) Is there any way we can find out who fabricated the columns that were provided on the checkpoint lane 3 installation? We would like to match them if possible.
- a. Please see the answer to Number 5 above.

B. Changes to Project Timeline

- 1.) The original 60 day contract time shall be split into two (2) phases.
 - i. Phase 1: (30 days) – build construction wall, remove concrete curb, and accomplish all structural, electrical, and comm to make Lane 3 operational again
 - ii. Phase 2: (30 days) – finish out 4th lane electrical/comm requirements, exit lane doors, security grill, light fixtures, break metal, and any other aesthetic portions of the project.
- 2.) Project Completion is to be before March 1, 2019.

C. Changes to Project drawings

- 1.) Sheet C-3 replacement, Attachment A

D. Pre-Bid Conference Minutes

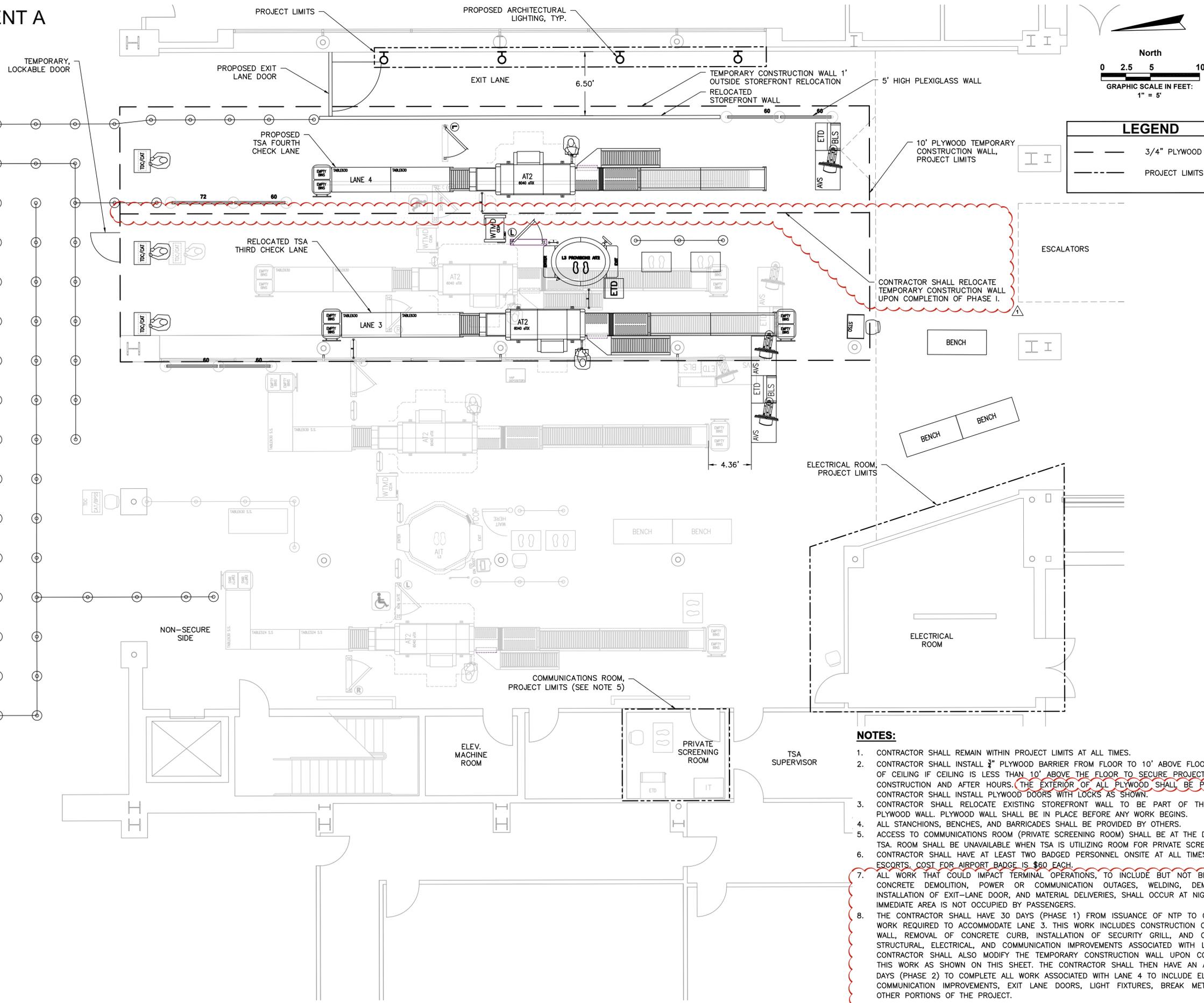
- 1.) Please see Attachment B

E. Previous as-built shop drawings

- 1.) Please see Attachment C

Attachment A

ATTACHMENT A



LEGEND

| | |
|-------|-------------------|
| --- | 3/4" PLYWOOD WALL |
| - - - | PROJECT LIMITS |

- NOTES:**
- CONTRACTOR SHALL REMAIN WITHIN PROJECT LIMITS AT ALL TIMES.
 - CONTRACTOR SHALL INSTALL 3/4" PLYWOOD BARRIER FROM FLOOR TO 10' ABOVE FLOOR OR BOTTOM OF CEILING IF CEILING IS LESS THAN 10' ABOVE THE FLOOR TO SECURE PROJECT SITE DURING CONSTRUCTION AND AFTER HOURS. THE EXTERIOR OF ALL PLYWOOD SHALL BE PAINTED WHITE. CONTRACTOR SHALL INSTALL PLYWOOD DOORS WITH LOCKS AS SHOWN.
 - CONTRACTOR SHALL RELOCATE EXISTING STOREFRONT WALL TO BE PART OF THE TEMPORARY PLYWOOD WALL. PLYWOOD WALL SHALL BE IN PLACE BEFORE ANY WORK BEGINS.
 - ALL STANCHIONS, BENCHES, AND BARRICADES SHALL BE PROVIDED BY OTHERS.
 - ACCESS TO COMMUNICATIONS ROOM (PRIVATE SCREENING ROOM) SHALL BE AT THE DISCRETION OF TSA. ROOM SHALL BE UNAVAILABLE WHEN TSA IS UTILIZING ROOM FOR PRIVATE SCREENINGS.
 - CONTRACTOR SHALL HAVE AT LEAST TWO BADGED PERSONNEL ONSITE AT ALL TIMES TO PROVIDE ESCORTS. COST FOR AIRPORT BADGE IS \$60 EACH.
 - ALL WORK THAT COULD IMPACT TERMINAL OPERATIONS, TO INCLUDE BUT NOT BE LIMITED TO, CONCRETE DEMOLITION, POWER OR COMMUNICATION OUTAGES, WELDING, DEMOLITION AND INSTALLATION OF EXIT-LANE DOOR, AND MATERIAL DELIVERIES, SHALL OCCUR AT NIGHT WHEN THE IMMEDIATE AREA IS NOT OCCUPIED BY PASSENGERS.
 - THE CONTRACTOR SHALL HAVE 30 DAYS (PHASE 1) FROM ISSUANCE OF NTP TO COMPLETE ALL WORK REQUIRED TO ACCOMMODATE LANE 3. THIS WORK INCLUDES CONSTRUCTION OF TEMPORARY WALL, REMOVAL OF CONCRETE CURB, INSTALLATION OF SECURITY GRILL, AND COMPLETE ALL STRUCTURAL, ELECTRICAL, AND COMMUNICATION IMPROVEMENTS ASSOCIATED WITH LANE 3. THE CONTRACTOR SHALL ALSO MODIFY THE TEMPORARY CONSTRUCTION WALL UPON COMPLETION OF THIS WORK AS SHOWN ON THIS SHEET. THE CONTRACTOR SHALL THEN HAVE AN ADDITIONAL 30 DAYS (PHASE 2) TO COMPLETE ALL WORK ASSOCIATED WITH LANE 4 TO INCLUDE ELECTRICAL AND COMMUNICATION IMPROVEMENTS, EXIT LANE DOORS, LIGHT FIXTURES, BREAK METAL, AND ALL OTHER PORTIONS OF THE PROJECT.

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OKALOOSA COUNTY, FL

VPS SECURITY CHECKPOINT IMPROVEMENTS - PHASE II

OVERALL EQUIPMENT LOCATION AND CONSTRUCTION PLAN

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RELEASE FOR BID DRAWINGS

DESIGNED BY: J.R.C.
DRAWN BY: C.A.P.
CHECKED BY: J.R.C.
APPROVED BY: V.C.L.
DATE: NOVEMBER 2018

AVCON PROJECT NO. 2018.050.04
SHEET NUMBER C-3

Attachment B



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MEMORANDUM

Date: December 19, 2018

To: File – 2018.050.04/Meetings

CC: Quinton Williams (FDOT), Meeting Attendees (noted on attached sheet)

From: John Collins, AVCON, Inc. (850-678-0050) 

Re: Minutes from Pre-Bid Conference on December 19, 2018
VPS Security Checkpoint Improvements – Phase 2
Destin-Fort Walton Beach Airport

MINUTES

A project Pre-Bid Conference was held on December 19, 2018 from 11:00 – 12:00 pm in Conference Room No. 1 at the Destin-Fort Walton Beach Airport with members from Okaloosa County Airports, Okaloosa County Purchasing, AVCON, and interested contractor representatives. A site visit was conducted following this meeting with all interested meeting attendees.

The following minutes represent a summary of the salient issues discussed. They are not intended to be a verbatim transcript of the meeting or a part of the contract documents. These minutes are for informational purposes only.

A copy of the meeting agenda, PowerPoint presentation, and a list of meeting participants are attached. General introductions were made by Mr. Chad Rogers, Project Manager for Okaloosa County Airports, followed by a review of the purpose of the meeting by Mr. John Collins, Project Manager for AVCON, INC. The following items were discussed:

- **Introduction:** Mr. Collins welcomed attendees and thanked them for their interest in the project. He stated that the project generally consists of shifting the third check lane, adding a fourth checklane, concrete and steel demolition, new steel, electrical and communication improvements, and a new security grill and double-door.
- **Scope of Work:** This project consists of removal of an existing six-inch high concrete curb between lanes 2 and 3, demolition of existing storefront and relocation of existing storefront wall, new steel beams and columns, electrical and communication improvements, and new lighting. A new electric, over-head coiling door (Cornell Wision Aire ESG5010 Rolling Grille) is specified and a new double-door is required for the exit lane. The bid documents specify a Wiremold Vista round architectural column to provide delivery of the power and communication infrastructure from the over-head steel beams to the equipment. Four new architectural lights are specified above the exit-lane and power for these lights will be provided by an existing electrical panel in the adjacent restaurant.
- **Bid Schedule:** This project will be a lump sum contract for all work specified in the bid documents.
- **Temporary Construction:** A 10-ft tall plywood wall is required around the work area as shown on Sheet C-3 to separate the construction area from the terminal. This wall must be constructed before any work occurs. A lockable door shall be provided on the north side of the work area for access. The area inside the temporary walls will be considered non-secure; however, the contractor is always required to have two employees onsite with Okaloosa County Airport issued badges.

VPS Security Checkpoint Improvements - Phase 2 Pre-Bid Conference Minutes**Destin-Fort Walton Beach Airport****December 19, 2018****Page 2 of 2**

- **Access to Private Screening Room:** Access to the private screening room shall be at the TSA's discretion. This room is routinely used by the TSA for private screening.
- **Night work:** Any work that could affect terminal operations, to include but not be limited to, concrete demolition, power or communication outages, welding, demolition and installation of exit-lane door, and material deliveries, shall occur at night when the immediate area is not occupied by passengers.
- **Bid Date:** Mr. Collins began a review of the administrative items. The bid date is Wednesday, January 9, 2019, until 3:15 p.m. central time at the County office in Crestview. Bids shall be sealed. Bids received after the specified time will not be considered. The bids will be opened and read aloud to all interested parties.
- **Basis of Award:** The basis of award shall be based on the lowest responsive bid amount.
- **Bid Documents:** The documents required to be submitted with the bid are listed in the Bid Form.
- **Low Bidder:** After the bid date, the County will meet with the low bidder to review its bid and confirm their understanding of the project.
- **Bid Hold Period:** Bids will be valid for 60 days following the bid date; however, the airport intends to award the project as soon as possible after receipt of the bids.
- **Contract Time:** The contract time to substantial completion is 60 days and the contract time to final completion is 70 days.
- **Liquidated Damages:** Liquidated damages are included in the Okaloosa County Standard Clauses in the bid documents. The amount of these damages is dependent upon the contract amount.
- **Insurance:** The Bid Documents require \$1M of general liability insurance. See Page BOC 4 of 6 for additional insurance requirements.
- **Disadvantaged Business Enterprise:** FDOT and County policies require a Disadvantages Business Enterprise participation goal of 11.065%. It is the contractor's responsibility to make a good faith effort to meet this goal.
- **E-Verify:** The contractor shall adhere to all E-Verify requirements as stated in the E-Verify Compliance Certification form which shall be completed and submitted with the bid.
- **Weekly Construction Meetings:** The contractor shall host weekly construction status meetings at the Destin-Fort Walton Beach Airport to review the status of the project.
- **Questions:** Ms. Victoria Taravella with the Okaloosa County Purchasing Department explained the deadline for Contractor questions is 3:00 pm on Wednesday, December 26, 2018. Contractor questions shall be coordinated with the Okaloosa County Purchasing Department (vtaravella@myokaloosa.com) in writing.
- **Discussion Items:** It was discussed that the temporary plywood wall shall be painted white and the door located on the south side of the temporary wall shall be removed. These items will be addressed in Addendum No. 1.

END OF MINUTES

**SECURITY CHECKPOINT IMPROVEMENTS – PHASE II AT
DESTIN-FORT WALTON BEACH AIRPORT (VPS)
Okaloosa County, Florida**

**PRE-BID CONFERENCE
December 19, 2018 – 11:00 am CDT**

AGENDA

I. INTRODUCTION OF PARTICIPANTS

- A. **Owner -** Okaloosa County
- B. **Engineer-** AVCON, INC.
- C. **Funding Agency -** Okaloosa County

II. PURPOSE

To review project scope, clarify and explain the construction scope, procedures, and safety measures associated with the quote documents, and to answer questions.

III. SCOPE OF WORK

- A. Safety and Security
 - a. Temporary walls and doors
 - b. Construction area will be non-secure
 - c. Must have two badged personnel onsite at all times
 - d. Access to communications room (private screening room) at discretion of TSA
 - e. Any work that could disrupt airport must occur at night
- B. Structural Improvements
 - a. Demo existing six-inch curb and existing steel structure
 - b. Relocate existing storefront wall
 - c. New steel beams overhead to run power/data
 - d. New Cornell Vision Aire ESG5010 Rolling Grille
 - e. New exit lane door
- C. Electrical and Communications Improvements
 - a. Relocate existing third-lane power and data
 - b. Add fourth-lane power and data
 - c. New lighting over exit-lane
 - d. Wiremold Vista round architectural columns
 - e. New lighting in checklane area and exit-lane

IV. ADMINISTRATION

- A. Last day for questions December 26 at 3 pm
- B. Bid opening January 9 at 3:15

V. QUESTIONS AND ANSWERS

VPS Security Checklane Improvements – Phase II

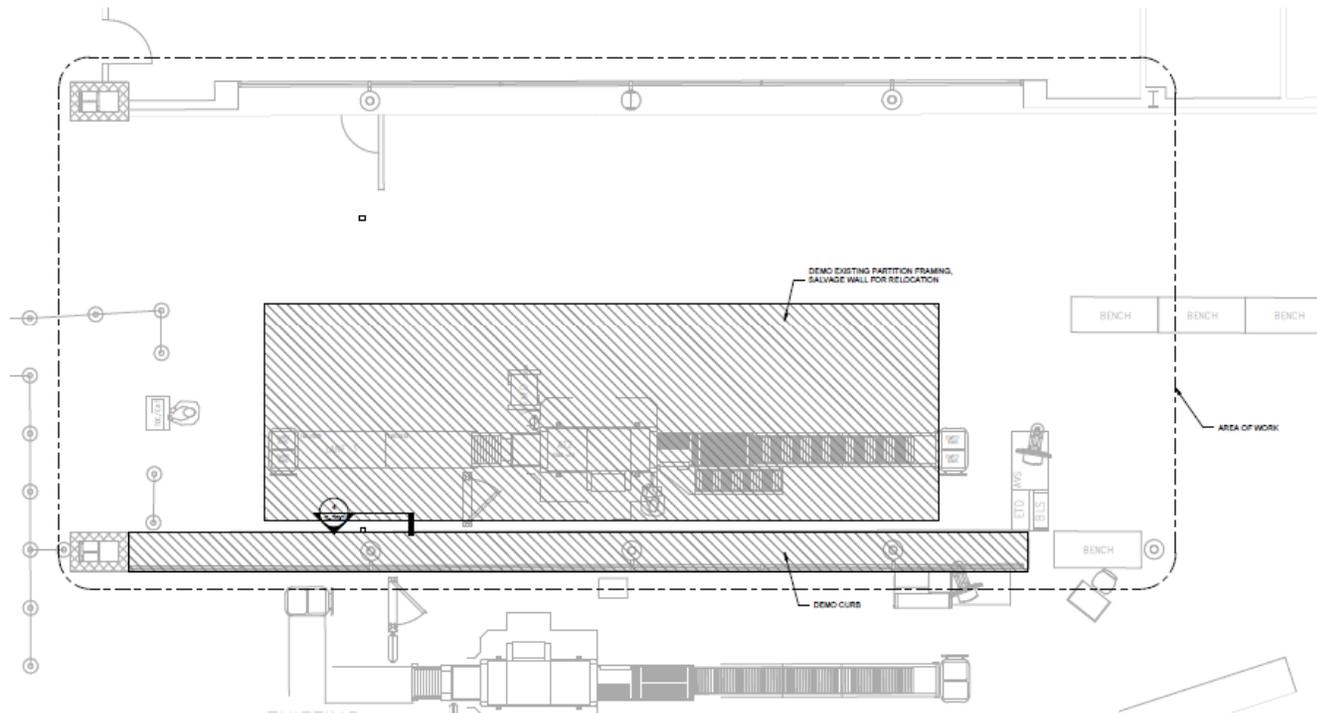
Pre-Bid Meeting, December 19, 2018 at 11:00 AM



VPS Security Checklane Improvements – Phase II

PLAN NOTES

1. ANY DIMENSIONS SHOWN ON PLAN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION.
2. AFTER DEMOLITION OF THE EXISTING CURB, PATCH CONCRETE AS REQUIRED TO PROVIDE SMOOTH SURFACE. THIS MAY INCLUDE GRINDING, ETC. UPON ADEQUATE FLOOR SURFACE, STAIN AREA WITH HIGH GLOSS FINISH WHICH WILL BE SELECTED BY OWNER.
3. CONTRACTOR SHALL PREP CONCRETE AREAS WHERE EXISTING EQUIPMENT AND STRUCTURES ARE BEING MOVED INCLUDING PARTITION WALLS. UPON PREPPING CONCRETE AREAS, THE CONTRACTOR SHALL STAIN WITH A HIGH GLOSS STAIN. FINAL COLOR SELECTION SHALL BE SELECTED BY THE AIRPORT AUTHORITY.



104 DEMOLITION PLAN
1/4" = 1'-0"



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OKALOOSA COUNTY, FL

VPS SECURITY CHECKLANE IMPROVEMENTS - PHASE II

DEMOLITION PLAN

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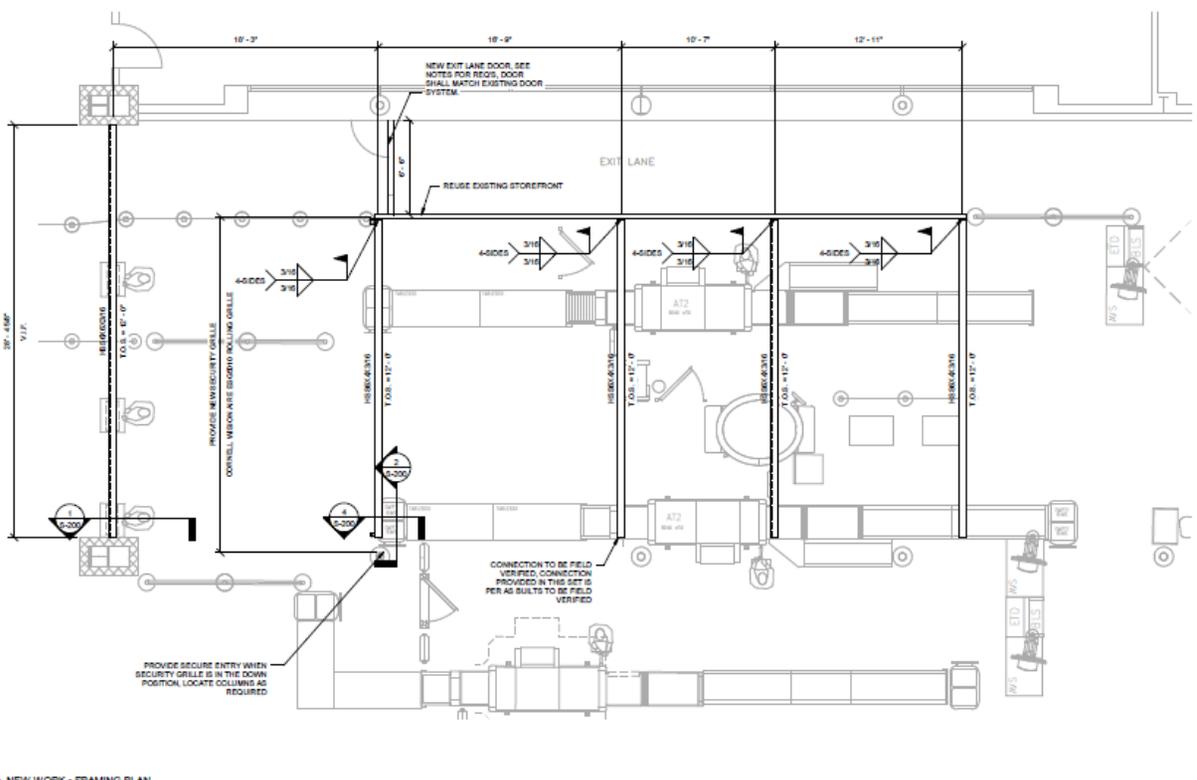
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AVCON PROJECT NO. 2018.060.04

SHEET NUMBER

S-100D

VPS Security Checklane Improvements – Phase II



PLAN NOTES

1. ANY DIMENSIONS SHOWN ON PLAN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION.
2. WIRE ALL NEW STRUCTURAL MEMBERS WITH 6047 BREAK METAL, MATCH EXISTING COLORS.
3. CONTRACTOR TO ENSURE THAT LOCATION OF NEW COLUMN INSTALLATION DOES NOT INTERFERE WITH EQUIPMENT. FURTHERMORE, SECURITY GRILLE SHALL BE PROVIDED WHICH DOES NOT HAVE ANY OPENING LARGER THAN 3" FOR ACCESS.

SECURITY GRILLE NOTES

1. HP MOTOR TO INCLUDE A TENV MOTOR, REVERSING MAGNETIC CONTROLLER IN NEMA 1 ENCLOSURE, PLANETARY GEARBOX FOR DRIVE REDUCTION, ELECTRIC BRAKE, INCLUDES UL LISTED THERMAL OVERLOAD PROTECTION, ROTARY LIMIT SWITCHES, SAFETY EDGE CIRCUIT AND TRANSFORMER WITH 24 VOLT CONTROL SECONDARY, AND DELAY ON REVERSE, PRE-WIRED TO A TERMINAL BLOCK USING COLOR CODING OF THE WIRES TO FACILITATE TROUBLESHOOTING.
2. ELECTRICAL EQUIPMENT LIST - 1. THREE BUTTON PUSH BUTTON STATION 'OPEN-CLOSE-STOP' IN NEMA 1 ENCLOSURE, SURFACE MOUNTED. 1 - MOTOR MOUNTED INTERLOCK. NOTE: OPERATING STATION SHOULD BE WITHIN SIGHT OF GRILLE.
3. CONTACT JAMES SCHOETTLER, CSI/COF SOUTHEAST REGIONAL MANAGER, ALABAMA, FLORIDA, GEORGIA & MISSISSIPPI, THE UNITED STATES OF AMERICA
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O 800-233-8366, X 4680
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NEW DOOR AT EXIST LANE NOTES

1. DOOR SHALL MATCH THE EXISTING DOOR STYLE. THIS SHALL INCLUDE GLASS PANELS AND FINISH. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INDICATING THE DOOR TO BE PROVIDED. THIS WILL INCLUDE ALL HARDWARE, MOUNTING BRACKETS, AND NEW SUPPORT AS REQUIRED TO PROVIDE A FULL STABLE DOOR SYSTEM.
2. CONTRACTOR SHALL PROVIDE PUSH BARS, LOCKS, ETC. AS REQUIRED TO MATCH THE EXISTING DOOR SYSTEM. NEW DOOR SYSTEM SHALL BE FULLY CLEAR OPENING WITH NO CENTER RAIL. DOOR SHALL BE FULLY OPERABLE WITH BOTH DOORS OPEN SIMULTANEOUSLY WITHOUT CENTER SUPPORT.

1 NEW WORK - FRAMING PLAN
1/4" = 1'-0"





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MEI project: 2018-188

KALOOKSA COUNTY, FL

VPS SECURITY CHECKPOINT IMPROVEMENTS - PHASE II

NEW WORK - FRAMING PLAN

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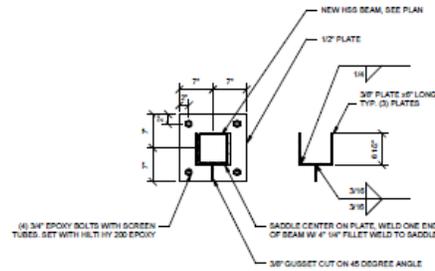
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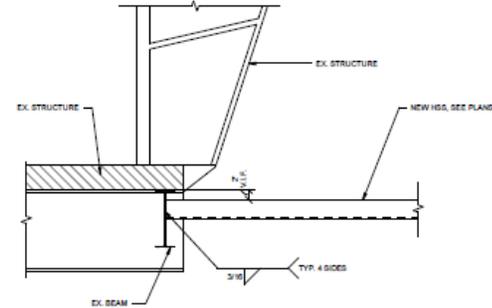
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VPS Security Checklane Improvements – Phase II



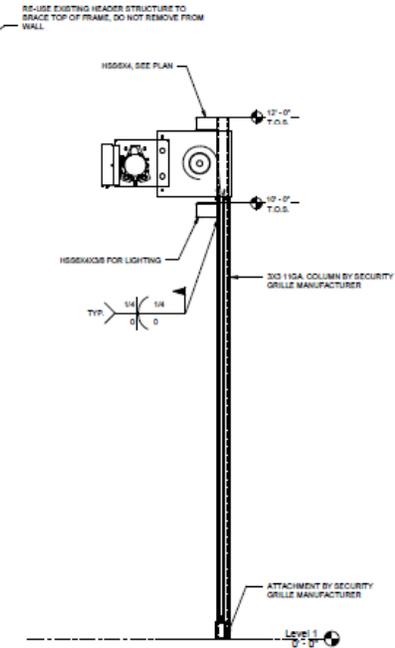
1 BEAM TO EX. CMU DETAIL
1" = 1'-0"



2 HSS TO EX. BEAM CONNECTION
1" = 1'-0"



3 STORE FRONT MODIFICATION
1" = 1'-0"



4 SECURITY GRILL CONNECTION DETAIL
3/4" = 1'-0"



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MEI project: 2018-188

OKALOOSA COUNTY, FL

VPS SECURITY CHECKPOINT IMPROVEMENTS - PHASE II

STRUCTURAL DETAILS

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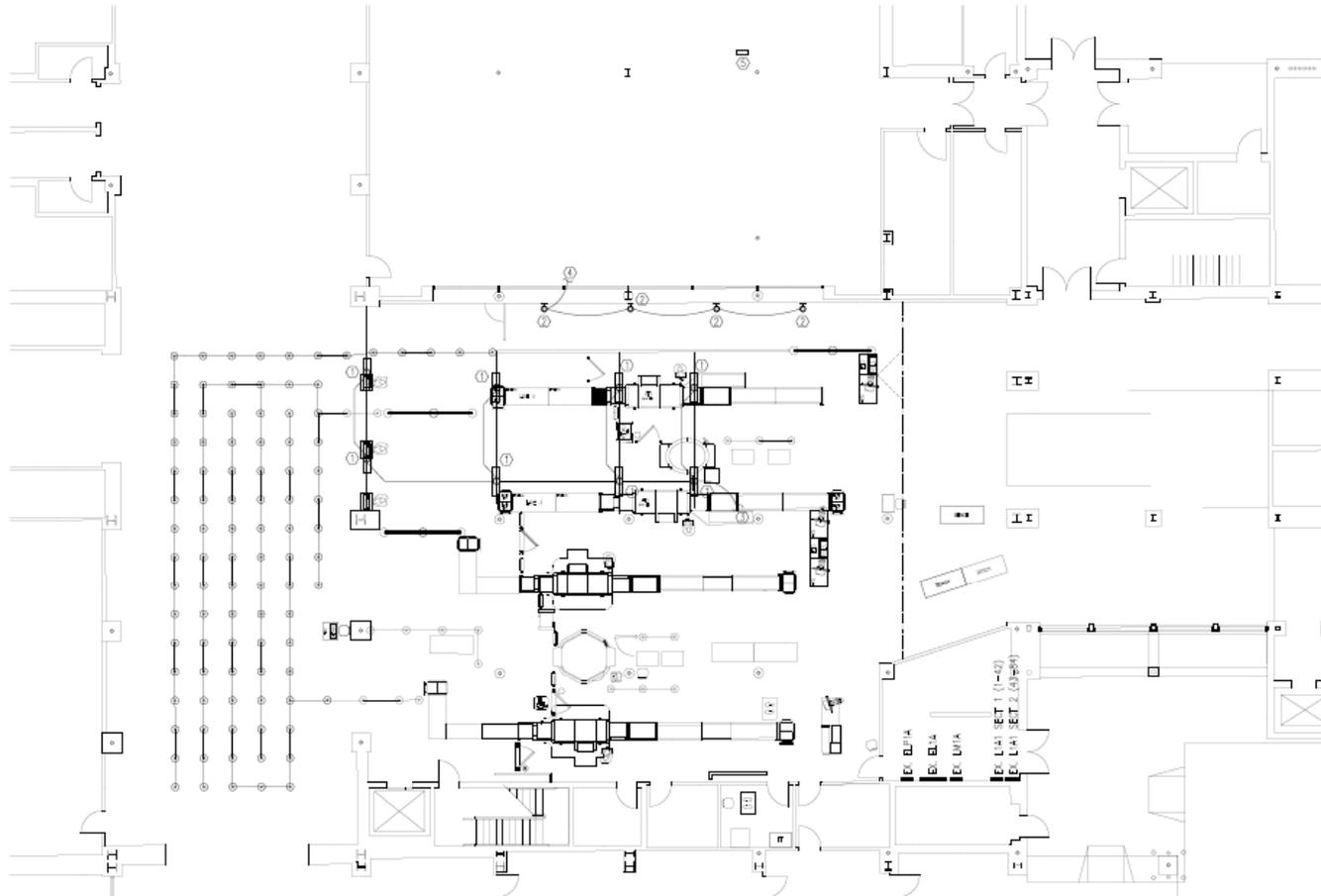
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VPS Security Checklane Improvements – Phase II



NEW WORK ELECTRICAL LIGHTING PLAN
SCALE 1/8" = 1'-0"

REMARKS:

- ① NEW 4' LONG, APPROX 6,000 LUMEN LED SURFACE LIGHT FIXTURE. MOUNT FIXTURE DIRECT TO NEW STRUCTURAL BEAMS. MOUNT CONDUIT ON TOP OF STRUCTURE SO NOT INHIBIT FROM BELOW.
- ② WALL MOUNT LED LINING SR115-L1W56-120-DRY-ACW-SSC. VPS TO SELECT FIXTURE FINISH. FINAL FIXTURE MOUNTING HEIGHT TO BE CONFIRMED BY VPS PRIOR TO INSTALLATION. MAINTAIN 12" AFF FOR BIDDING PURPOSES. ALL CONDUIT SHALL BE CONCEALED BEHIND WALLS AND PAINTED BLACK.
- ③ CONNECT TO EXISTING LIGHTING CIRCUIT H1A-5 SERVING EXISTING LIGHTS IN ADJACENT CEILING. INSTALL 2#12 AND 1#12 GROUND IN 1/2" CONDUIT TO EACH LIGHT FIXTURE.
- ④ INSTALL 2#12 AND 1#12 GROUND IN 1/2" CONDUIT TO EXISTING RESTAURANT PANEL L82. INSTALL A NEW 20 AMP/11 POLE BREAKER IN PANEL AND CONNECT TO NEW CIRCUIT. BREAKER SHALL BE SWITCH RATED. CONDUIT SHALL BE INSTALLED CONCEALED ABOVE CEILING.
- ⑤ EXISTING PANEL L82, GE POWERMARK GOLD LOAD CENTER, 100A, 120/208V, 3ø, 4W.

CONDUIT INSTALLATION NOTE

CONDUIT SHALL BE INSTALLED CONCEALED ABOVE ACCESSIBLE CEILINGS. EXPOSED SURFACE CONDUITS SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO STRUCTURE. SUPPORT CONDUITS PER NEC REQUIREMENTS.

NOT FOR CONSTRUCTION



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OKALOOSA COUNTY, FL

VPS SECURITY CHECKPOINT IMPROVEMENTS - PHASE II

ELECTRICAL NEW WORK LIGHTING PLAN

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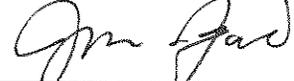
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APPROVED BY: D.M.B.
DATE: NOVEMBER 2018

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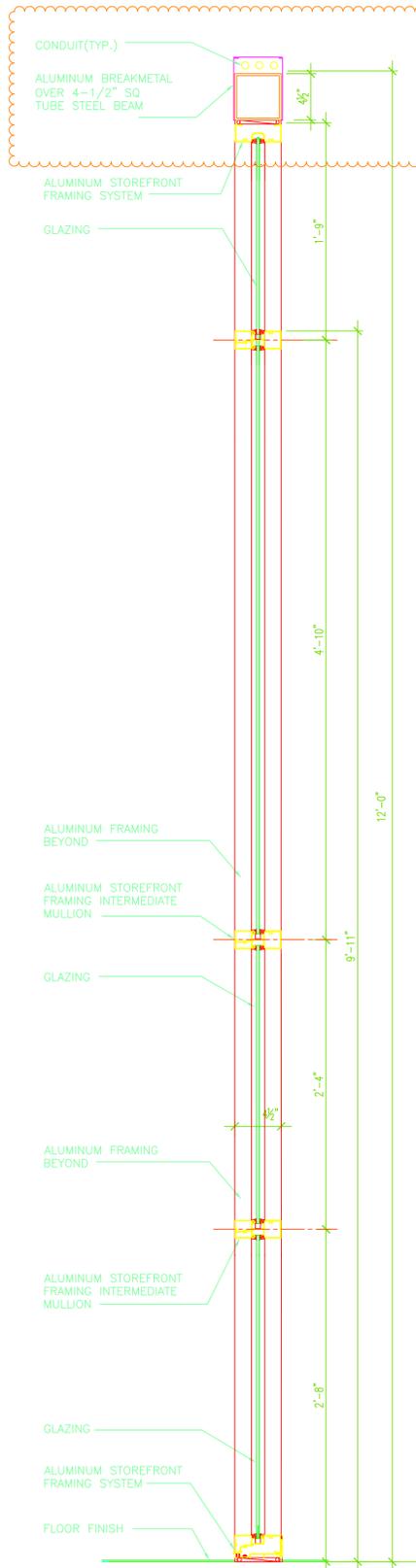
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VPS Security Checkpoint Improvements- Phase 2
ITB AP 25-19
Mandatory Pre-Bid Meeting
December 19, 2018 @ 11:00 am CST

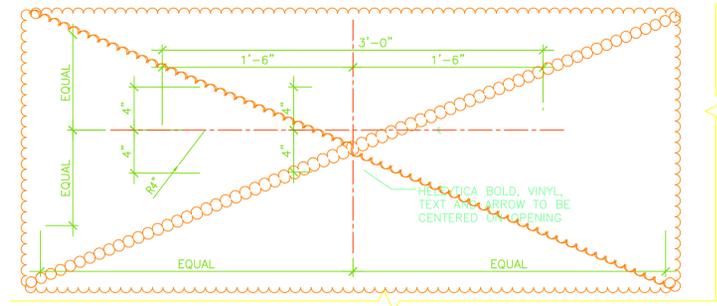
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|--------------------------|---|--------------|---|
| Chris SUDARMA | BIRKSHIRE | 777-1169 | CHRIS@BIRKSHIREJANAPALOOZA.COM |
| DALTON BROTHERS INC |  | 850 226-8333 | MICHAEL@DALTONBROTHERSINC.COM |
| Craig Purvis |  | 850 585 0638 | cpurvis@myokaloosa.com |
| John Collins | AVCON INC. | 850-678-0050 | Jcollins@AVCON,INC.COM |
| Mike STENSON | Auntouts | 651-7160 | mstenson@myokaloosa.com |
| Jason Ford |  | 850-863-2131 | Jason@beardenelectric.com |
| STEVE CHRISTOPHER |  | 850-863-5158 | STEVE@LORDANDSON.COM |
| Cheryl Barrow |  | 850-651-7160 | cbarrow@myokaloosa.com |
| SIRAH MASTERS VPS |  | 850.651.7166 | smasters@myokaloosa.com |
| OSCAR WILLIAMS VPS |  | 850-651-7160 | O.Williams@myokaloosa.com |
| | | | |

Attachment C

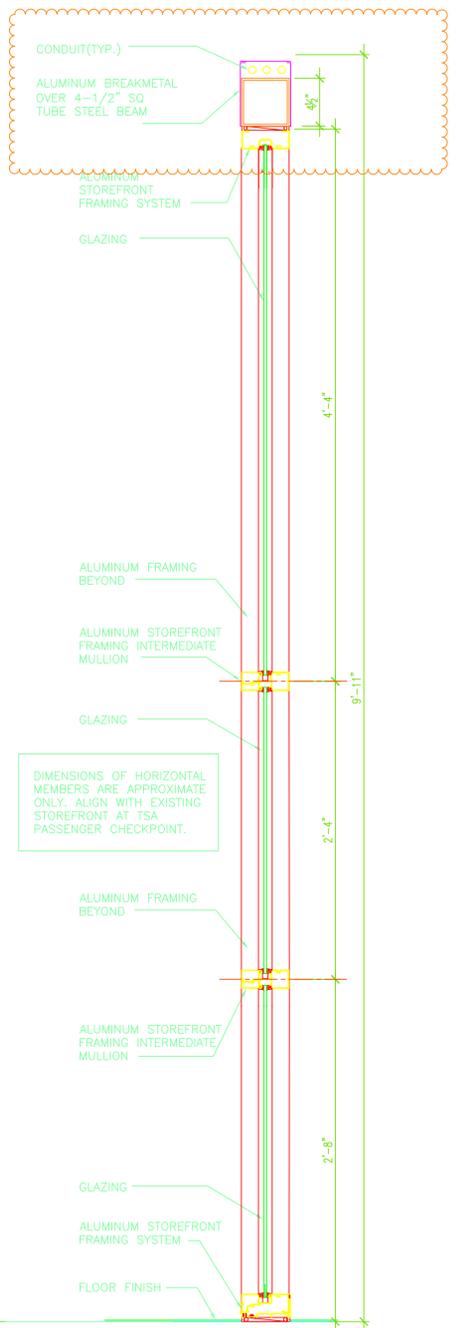
AS-BUILT
9/26/14



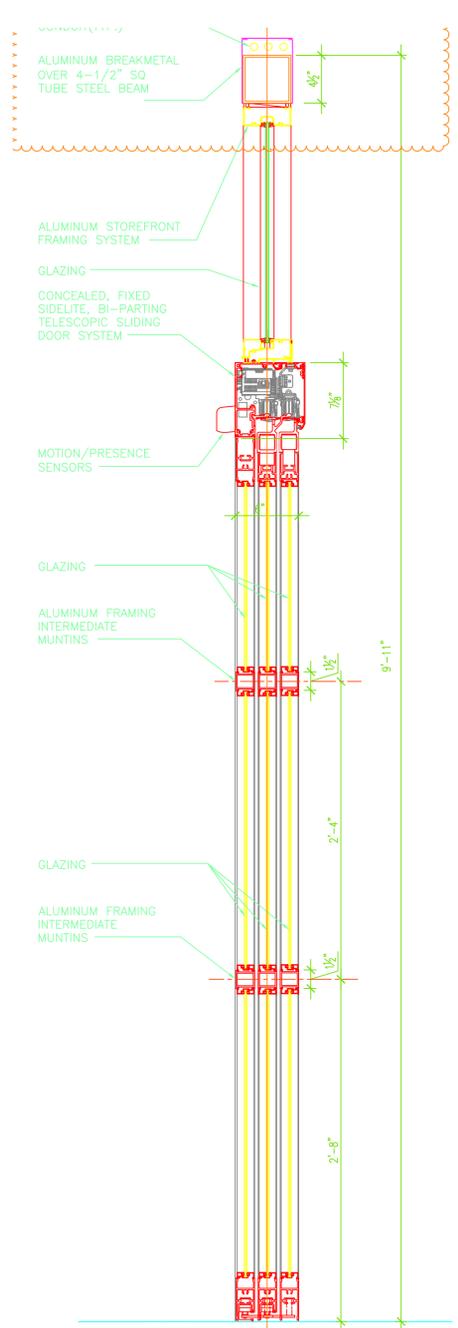
3 SECTION
A101 SCALE: 1 1/2" = 1'-0"



5 SIGNAGE
A101 SCALE: 1 1/2" = 1'-0"



2 SECTION
A101 SCALE: 1 1/2" = 1'-0"



1 SECTION
A101 SCALE: 1 1/2" = 1'-0"

STOREFRONT SYSTEM SHALL BE YKK AP AMERICA INC. YSE 45 FS OR ONE OF THE FOLLOWING APPROVED SYSTEMS:
1.KAWNEER
2.UNITED STATES ALUMINUM

STOREFRONT SYSTEM IS SHOWN FOR DESIGN INTENT AND FINAL PRODUCT SHALL BE ENGINEERED AND DETAILED TO MEET CURRENT BUILDING CODE STANDARDS. MANUFACTURER SHALL DESIGN SYSTEM TO RESIST A HORIZONTAL LOADING OF 5PSF MINIMUM. HORIZONTAL ALUMINUM STOREFRONT MEMBERS SHALL ALIGN WITH HORIZONTAL MEMBERS IN EXISTING ADJACENT STOREFRONT SYSTEM. MEMBERS SHOWN ON DRAWINGS ARE DIMENSIONED USING AS-BUILT DATA AND SHALL BE FIELD VERIFIED. VERTICAL ALUMINUM STOREFRONT MEMBERS SHALL FOLLOW PATTERN SHOWN ON DRAWINGS.

DO NOT REVISE INTENDED AESTHETIC EFFECTS, AS JUDGED SOLELY BY ARCHITECT, EXCEPT WITH ARCHITECT'S APPROVAL. IF REVISIONS ARE PROPOSED, SUBMIT COMPREHENSIVE EXPLANATORY DATA TO ARCHITECT FOR REVIEW.

INSTALLER QUALIFICATIONS: MANUFACTURER'S AUTHORIZED REPRESENTATIVE WHO IS TRAINED AND APPROVED FOR INSTALLATION OF UNITS REQUIRED FOR THIS PROJECT.

SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR ALUMINUM-FRAMED SYSTEMS.
B. SHOP DRAWINGS: FOR ALUMINUM-FRAMED SYSTEMS. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK.
1.INCLUDE DETAILS OF PROVISIONS FOR SYSTEM EXPANSION AND CONTRACTION.
2.FOR DOORS, INCLUDE HARDWARE SCHEDULE AND INDICATE OPERATING HARDWARE TYPES, FUNCTIONS, QUANTITIES, AND LOCATIONS.
C. SAMPLES FOR INITIAL SELECTION: FOR UNITS WITH FACTORY-APPLIED COLOR FINISHES.
D. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF EXPOSED FINISH REQUIRED, IN MANUFACTURER'S STANDARD SIZES.
E. FABRICATION SAMPLE: OF EACH VERTICAL-TO-HORIZONTAL INTERSECTION OF ALUMINUM-FRAMED SYSTEMS, MADE FROM 12-INCH (300-MM) LENGTHS OF FULL-SIZE COMPONENTS AND SHOWING DETAILS OF THE FOLLOWING:
1.JOINERY, INCLUDING CONCEALED WELDS.
2.ANCHORAGE.
3.EXPANSION PROVISIONS.
4.GLAZING.
F. OTHER ACTION SUBMITTALS:
1.DOOR HARDWARE SCHEDULE: PREPARED BY OR UNDER THE SUPERVISION OF SUPPLIER, DETAILING FABRICATION AND ASSEMBLY OF DOOR HARDWARE, AS WELL AS PROCEDURES AND DIAGRAMS. COORDINATE FINAL DOOR HARDWARE SCHEDULE WITH DOORS, FRAMES, AND RELATED WORK TO ENSURE PROPER SIZE, THICKNESS, HAND, FUNCTION, AND FINISH OF DOOR HARDWARE.

PROJECT CONDITIONS
A. FIELD MEASUREMENTS: VERIFY ACTUAL LOCATIONS OF STRUCTURAL SUPPORTS FOR ALUMINUM-FRAMED SYSTEMS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.
B. CONTRACTOR SHALL USE EXISTING BUILDING COLUMNS ALONG COLUMN LINE "L" AND BUILDING COLUMN "M-7". STOREFRONT SHALL ONLY BE ATTACHED TO FLOOR AFTER APPROVAL OF METHOD/LOCATIONS BY ARCHITECT.

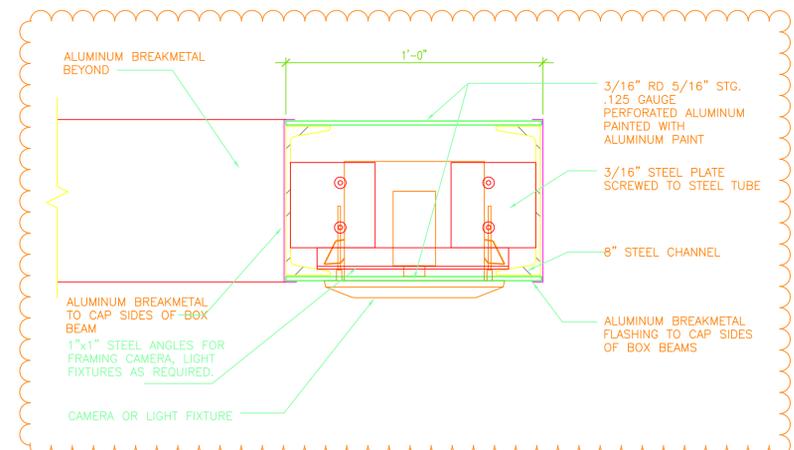
MATERIALS
A. ALUMINUM: ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED.
1.SHEET AND PLATE: ASTM B 209 (ASTM B 209M).
2.EXTRUDED BARS, RODS, PROFILES, AND TUBES: ASTM B 221 (ASTM B 221M).
3.EXTRUDED STRUCTURAL PIPE AND TUBES: ASTM B 429.
4.STRUCTURAL PROFILES: ASTM B 308/B 308M.
5.WELDING RODS AND BARE ELECTRODES: AWS A5.10/A5.10M.
B. STEEL REINFORCEMENT: WITH MANUFACTURER'S STANDARD CORROSION-RESISTANT PRIMER COMPLYING WITH SSPC-PS GUIDE NO. 12.00 APPLIED IMMEDIATELY AFTER SURFACE PREPARATION AND PRETREATMENT. SELECT SURFACE PREPARATION METHODS ACCORDING TO RECOMMENDATIONS IN SSPC-SP COM AND PREPARE SURFACES ACCORDING TO APPLICABLE SSPC STANDARD.
1.STRUCTURAL SHAPES, PLATES, AND BARS: ASTM A 36/A 36M.
2.COLD-ROLLED SHEET AND STRIP: ASTM A 1008/A 1008M.
3.HOT-ROLLED SHEET AND STRIP: ASTM A 1011/A 1011M.

FRAMING SYSTEMS
A. FRAMING MEMBERS: MANUFACTURER'S STANDARD EXTRUDED-ALUMINUM FRAMING MEMBERS OF THICKNESS REQUIRED AND REINFORCED AS REQUIRED TO SUPPORT IMPOSED LOADS.
1.CONSTRUCTION: NONTHERMAL.
B. BRACKETS AND REINFORCEMENTS: MANUFACTURER'S STANDARD HIGH-STRENGTH ALUMINUM WITH NONSTAINING, NONFERROUS SHIMS FOR ALIGNING SYSTEM COMPONENTS. JAMBS AT SWING DOOR LOCATIONS SHALL BE REINFORCED TO ACCEPT CONTINUOUS HINGE.
C. FASTENERS AND ACCESSORIES: MANUFACTURER'S STANDARD CORROSION-RESISTANT, NON-TAINING, NON-BLEEDING FASTENERS AND ACCESSORIES COMPATIBLE WITH ADJACENT MATERIALS U.O.N.
1.WHERE FASTENERS ARE SUBJECT TO LOOSENING OR TURNING OUT FROM THERMAL AND STRUCTURAL MOVEMENTS, WIND LOADS, OR VIBRATION, USE SELF-LOCKING DEVICES.
2.REINFORCE MEMBERS AS REQUIRED TO RECEIVE FASTENER THREADS.

DOORS
A. DOORS: MANUFACTURER'S STANDARD GLAZED DOORS, FOR MANUAL SWING OPERATION.
1. DOOR CONSTRUCTION: 1-3/4-INCH OVERALL THICKNESS, WITH MINIMUM 0.125-INCH-THICK, EXTRUDED-ALUMINUM TUBULAR RAIL AND STILE MEMBERS, MECHANICALLY FASTEN CORNERS WITH REINFORCING BRACKETS THAT ARE DEEP PENETRATION AND FILLET WELDED OR THAT INCORPORATE CONCEALED TIE RODS.
2. DOOR DESIGN: AS INDICATED WIDE STILE 5" NOMINAL WIDTH.
B. DOOR HARDWARE (PR SWING DOORS): EACH LEAF TO RECEIVE:
1.HEAVY DUTY CONTINUOUS CONCEALED LEAF HINGE, HAGER 780 SERIES. FLUSH TO MATCH STOREFRONT.
2.VON DUPRIN 984B CONCEALED VERTICAL ROD TOUCH BAR EXIT DEVICE, STAINLESS STEEL FINISH, CX CHEXIT DELAYED EXIT, CD CYLINDER DOGGING, 996L-R/V TRIM. POWER SUPPLY, PS914-2RS-FA-BBK, WITH KEY LOCK.
3.REMAINING HARDWARE TO BE MANUFACTURERS STANDARD WITH STAINLESS STEEL FINISH.
FINISH ON ALUMINUM STOREFRONT MEMBERS SHALL BE POWDERCOATED TO MATCH FINISH ON EXISTING ADJACENT STOREFRONT SYSTEM.

WARRANTY
A. SPECIAL WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF ALUMINUM-FRAMED SYSTEMS THAT DO NOT COMPLY WITH REQUIREMENTS OR THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
1.FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
a. STRUCTURAL FAILURES INCLUDING, BUT NOT LIMITED TO, EXCESSIVE DEFLECTION.
b. NOISE OR VIBRATION CAUSED BY THERMAL MOVEMENTS.
c. DETERIORATION OF METALS, METAL FINISHES, AND OTHER MATERIALS BEYOND NORMAL WEATHERING.
d. FAILURE OF OPERATING COMPONENTS.
2.WARRANTY PERIOD: TWO YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
B. SPECIAL FINISH WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS ON WHICH FINISHES DO NOT COMPLY WITH REQUIREMENTS OR THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD. WARRANTY DOES NOT INCLUDE NORMAL WEATHERING.
1.WARRANTY PERIOD: 20 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

GLASS
GLASS SHALL BE 3/4" THICK CLEAR FLOAT GLASS, TEMPERED: ACCEPTABLE MANUFACTURERS:
1.OLDCASTLE GLASS, INC.
2.PPG INDUSTRIES, INC
3.VIRACON, INC.
SOURCE LIMITATIONS FOR CLEAR GLASS: OBTAIN CLEAR FLOAT GLASS FROM ONE PRIMARY-GLASS MANUFACTURER.
SIZES: FABRICATE TO SIZES REQUIRED BY DETAILS SHOWN ON DRAWINGS. PROVIDE EDGE CLEARANCES AND TOLERANCES COMPLYING WITH FGMA MANUAL AND RECOMMENDATIONS OF GLASS MANUFACTURER. PROVIDE THICKNESS INDICATED OR AS RECOMMENDED BY FGMA MANUAL AND GLASS MANUFACTURER FOR APPLICATION INTENDED.
HEAT-TREATED FLOAT GLASS: ASTM C 1048, TYPE I, QUALITY Q3, CLASS I (CLEAR), 1/4-INCH (6 MM) MINIMUM THICKNESS. TEMPERED.
INSTALLER QUALIFICATIONS: AN EXPERIENCED INSTALLER WHO HAS COMPLETED GLAZING SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT, WHOSE WORK HAS RESULTED IN GLASS INSTALLATIONS WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE; AND WHO EMPLOYS GLASS INSTALLERS FOR THIS PROJECT WHO ARE CERTIFIED UNDER THE NATIONAL GLASS ASSOCIATION GLAZIER CERTIFICATION PROGRAM AS LEVEL 2 (SENIOR GLAZIERS) OR LEVEL 3 (MASTER GLAZIERS).
GLASS MASKING FILM
GLASS MASKING FILM SHALL HAVE A VISIBLE LIGHT TRANSFERENCE OF NO MORE THAN 6% AND A GLARE REFLECTANCE OF LESS THAN 25% FACING THE INSIDE OF THE EXIT LANE.
APPROVED PRODUCT: SOLYX@SXF-5050 WHITE TOTAL LIGHT BLOCKING FILM.



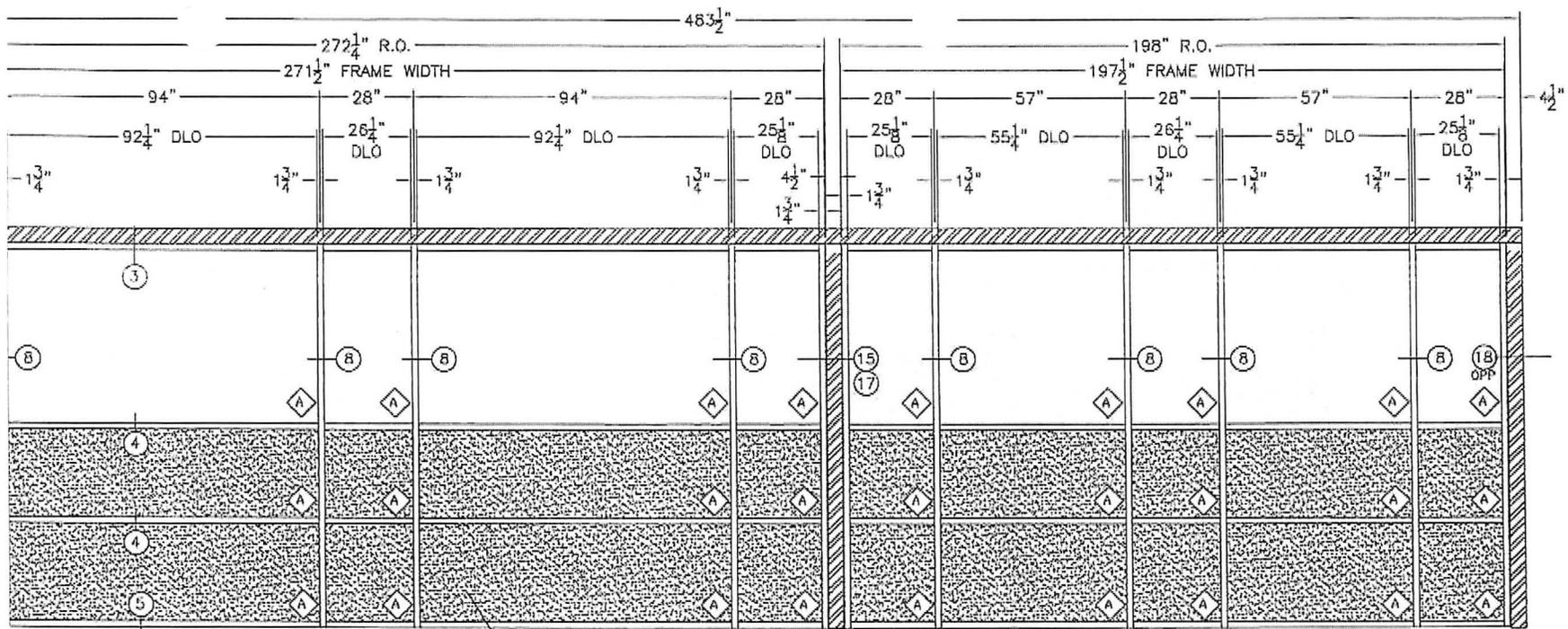
4 BOX BEAM
A101 SCALE: 3" = 1'-0"

AS-BUILT DETAILS
9/26/14

A-101

PH
DJ

FILE:NM PLOT:DT

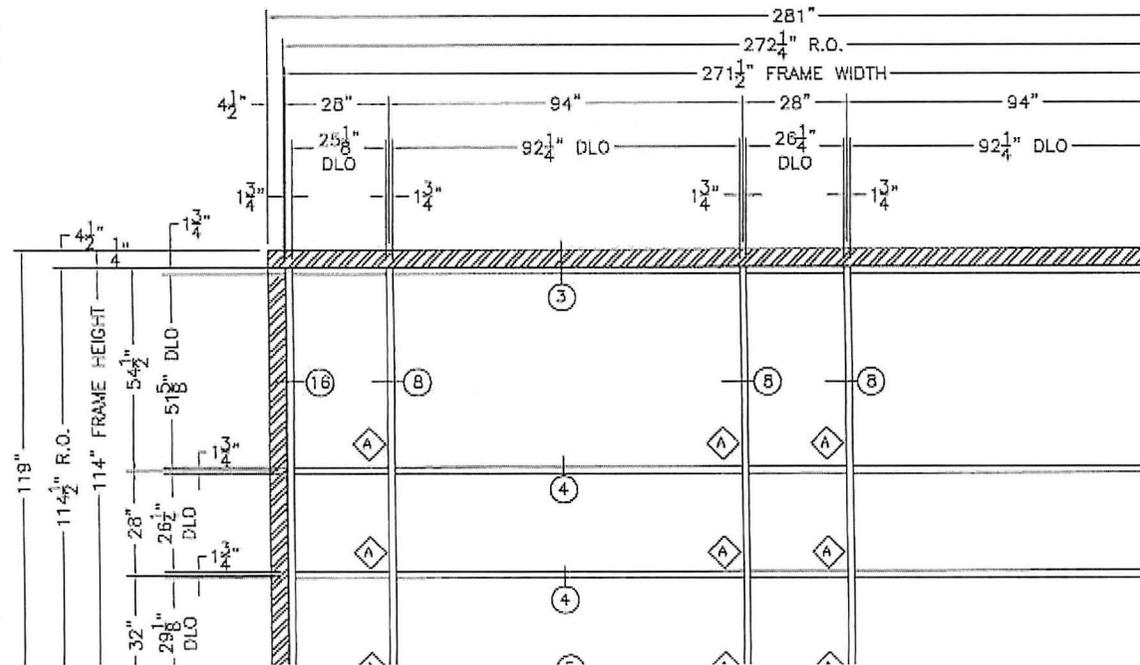
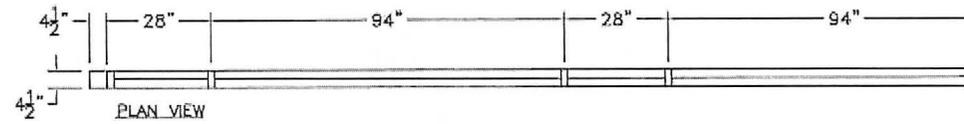


GLASS MASKING FILM, TYP.

INTERIOR ELEVATION

A-100 SCALE: NOTED
 QUANTITY REQ'D THIS: (2)
 YKK YES 45FS FRAMING (1 1/2" X 4 1/2")

NOTE: FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.



4 INTERIOR ELEVATION
 A-100 SCALE: NOTED
 QUANTITY REQ'D THIS: (1)

TO MATCH METAL TO MATCH FRAMING

CONDUIT TYP. BY OTHERS

1/4" SHIM

SEALANT & BACKER ROD, TYP.

6"

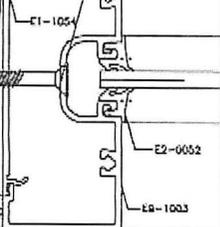
9 HEAD DETAIL HORTON TRANSOM

AUTOMATIC DOOR SIDELITE BY OTHERS SEE SEPARATE SUBMITTAL

section

CAREFULLY CUT COLUMN COVERS AS REQ'D TO MAKE STRUCTURAL CONNECTION. PROVIDE COVER/ESCUSION TO MATCH SURFACE TO CLOSE COLUMN COVER AFTER CONNECTION (TYP)

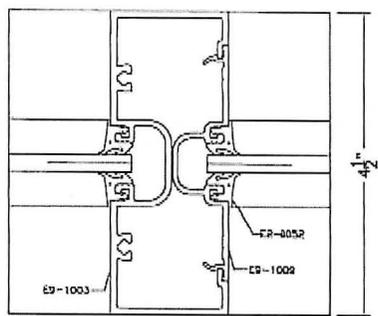
1/4" ULTRACON BY ELCO, 2 1/2" MIN. EDGE DISTANCE, 1 1/2" EMBEDMENT, LOCATE 3" FROM EACH END, BALANCE 12" O.C.



1 1/4" D.L.O.

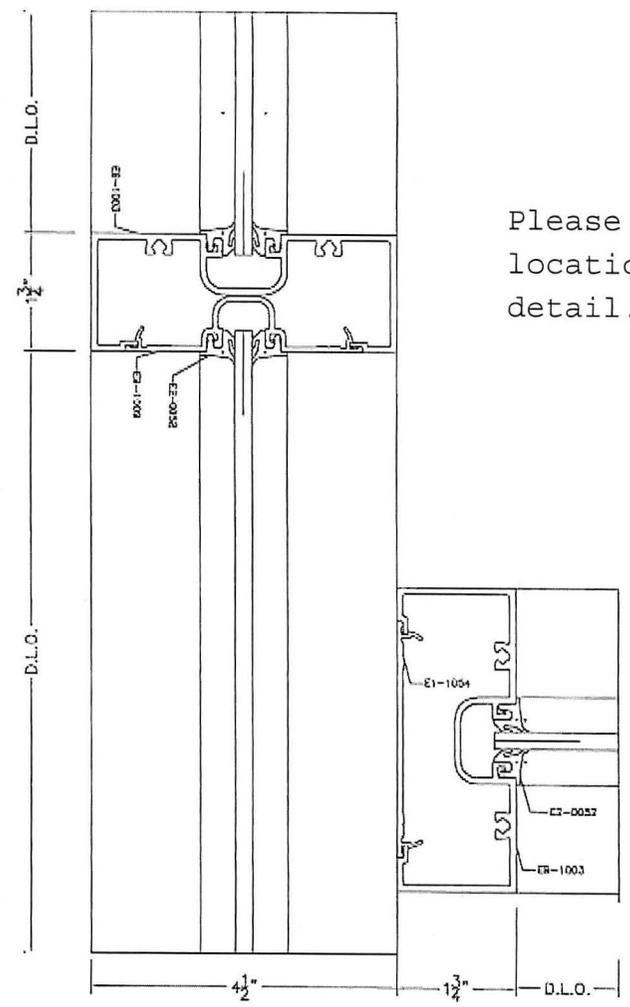
SEALANT & BACKER ROD, TYP.

7 JAMB DETAIL YKK YES 45FS



D.L.O. 1 1/4" D.L.O.

8 INT. VERTICAL DETAIL YKK YES 45FS



D.L.O.

3 1/4"

D.L.O.

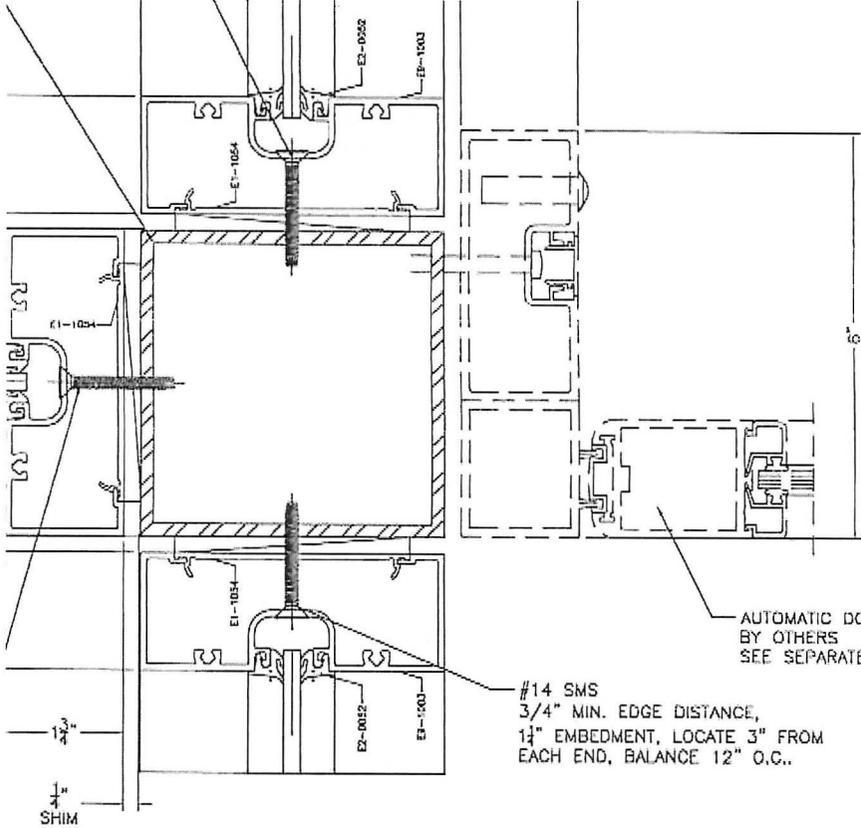
4 1/2"

1 3/4" D.L.O.

10 JAMB DETAIL YKK YES 45FS

Please identify location of detail.

3/4" MIN. EDGE DIST
 1 1/2" EMBEDMENT, LOC
 EACH END, BALANCE

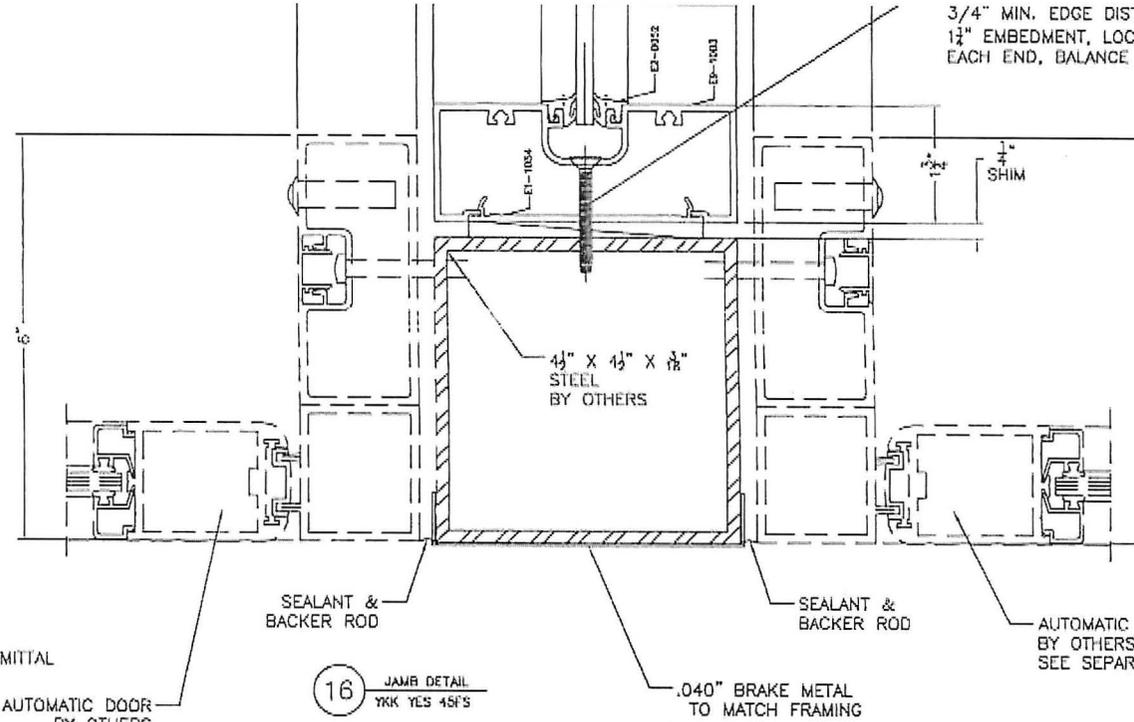


15 JAMB DETAIL
 YKIK YES 45FS

#14 SMS
 3/4" MIN. EDGE DISTANCE,
 1 1/2" EMBEDMENT, LOCATE 3" FROM
 EACH END, BALANCE 12" O.C..

AUTOMATIC DOOR
 BY OTHERS
 SEE SEPARATE SUBMITTAL

AUTOMATIC DOOR
 BY OTHERS
 SEE SEPARATE
 SUBMITTAL



16 JAMB DETAIL
 YKIK YES 45FS

#14 SMS
 3/4" MIN. EDGE DISTANCE,
 1 1/2" EMBEDMENT, LOCATE 3" FROM
 EACH END, BALANCE 12" O.C..

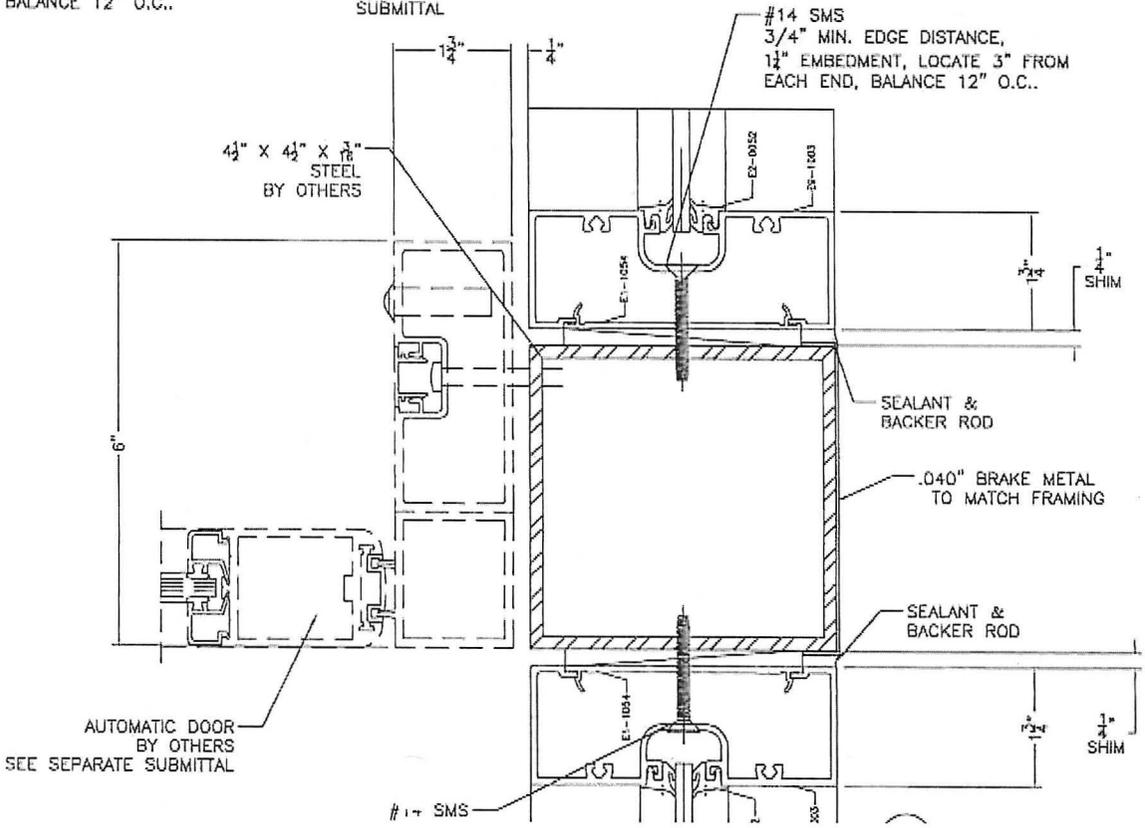
SEALANT &
 BACKER ROD

SEALANT &
 BACKER ROD

AUTOMATIC
 BY OTHERS
 SEE SEPAR

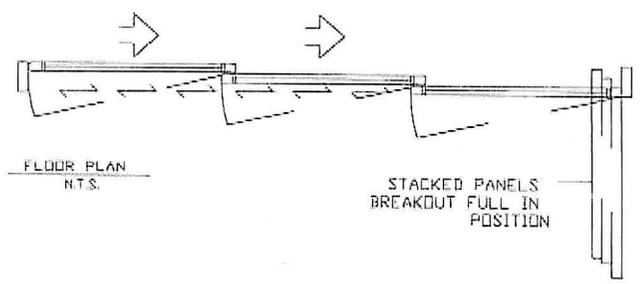
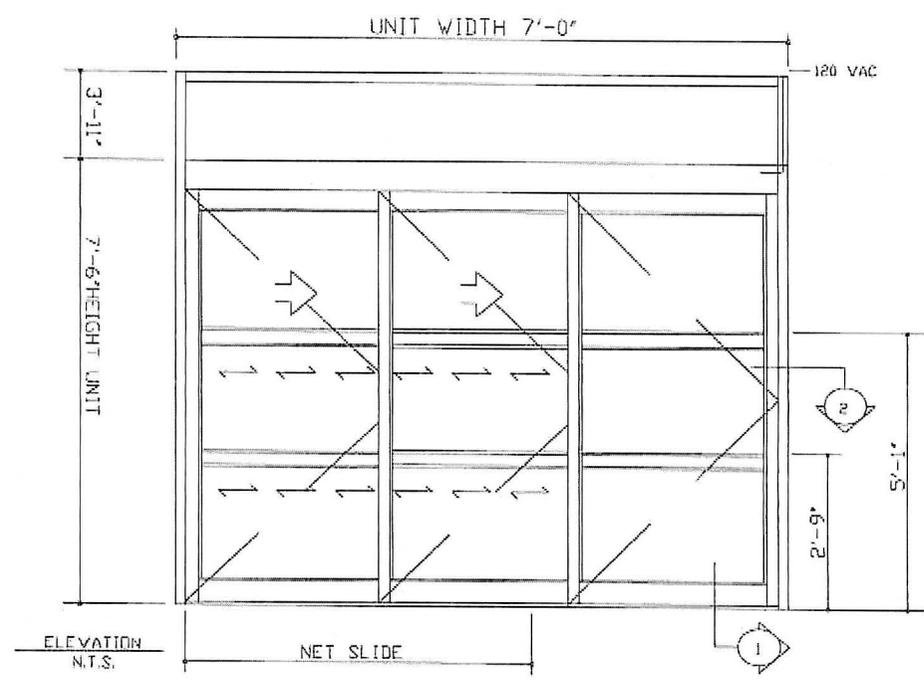
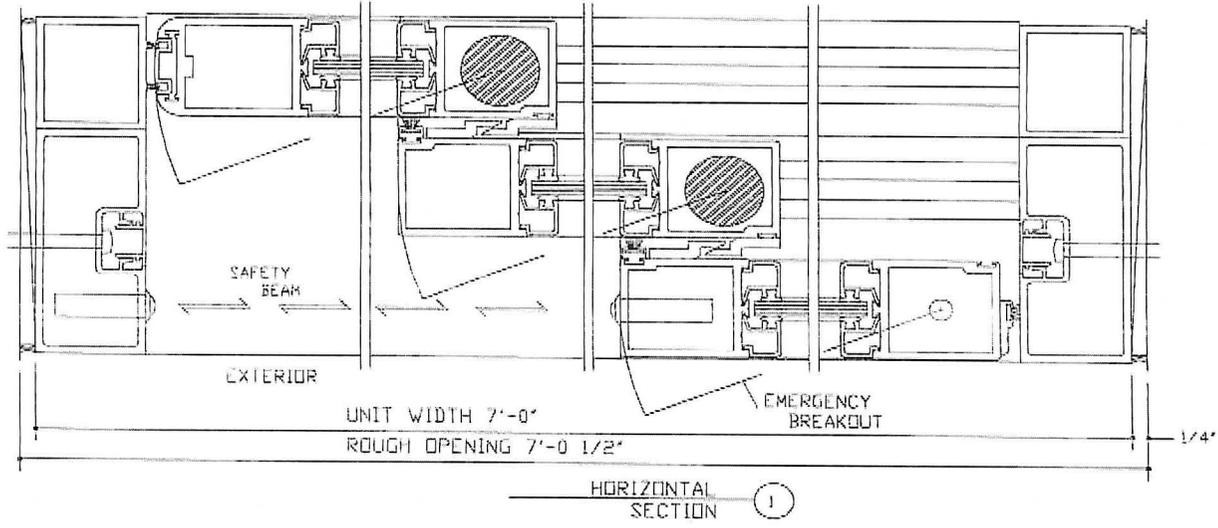
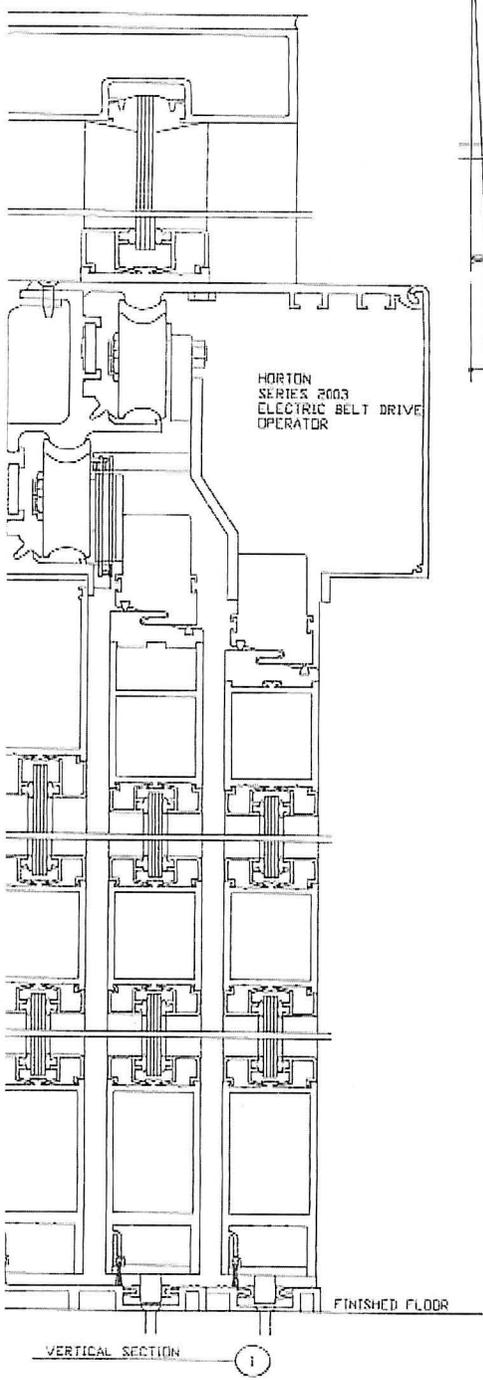
.040" BRAKE METAL
 TO MATCH FRAMING

ounded corners,
 for back-up to



AUTOMATIC DOOR
 BY OTHERS
 SEE SEPARATE SUBMITTAL

#14 SMS



NORTHWEST FLORIDA REGION,
 EGLIN AFB, FL

1 EACH:
 DOOR: A

HORTON 2003 AUTOMATIC TEL
 SINGLE SLIDING DOOR

SX-SX-SO SLIDE

FULL BREAKOUT

7'-0" WIDE X 7'-6" TOP C
 11'-5" TOP OF TRANSOM

MEDIUM STILE

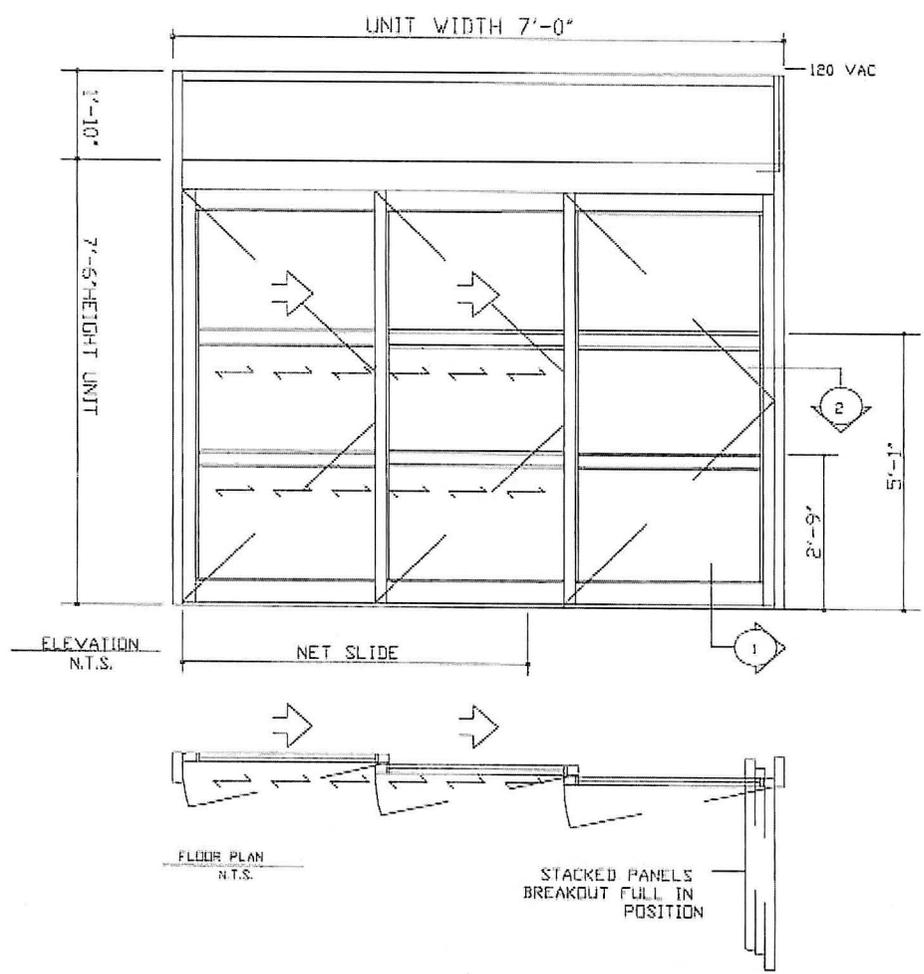
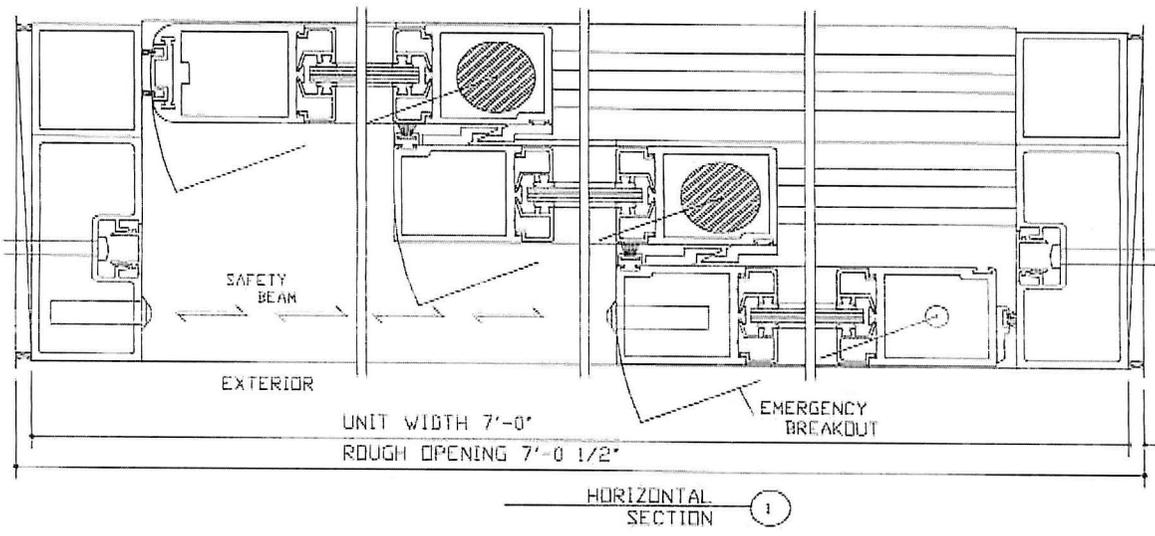
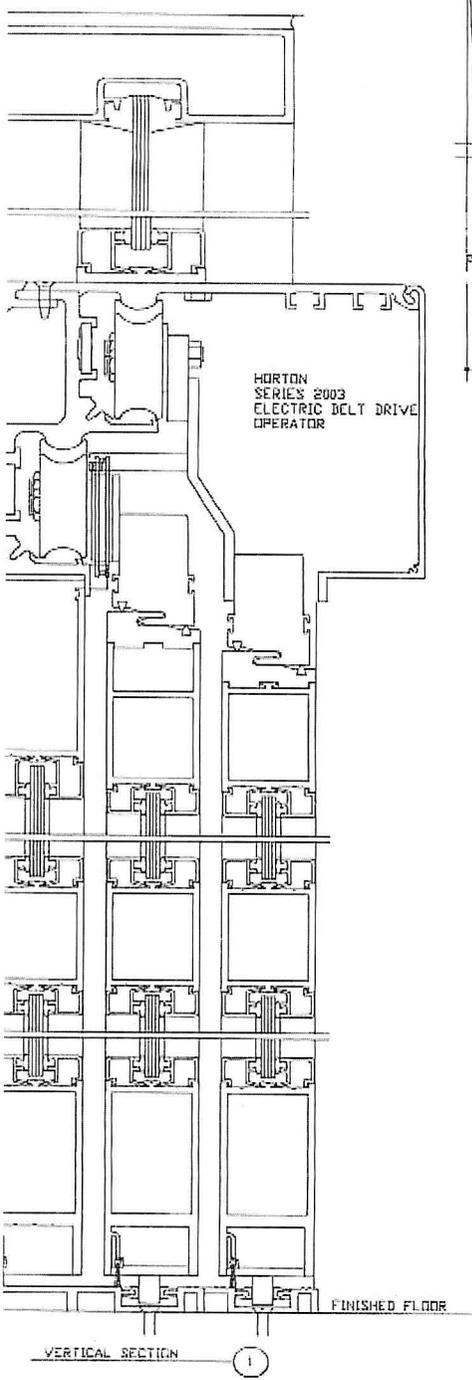
DOOR PANELS PREPPED FOR
 TRANSOM PREPPED FOR 1/4"

CLEAR ANODIZED FINISH

1 EACH: FAIL SECURE AUTO-
 1 EACH: 4 POSITION KEY SW
 1/4" CLEAR TEMPERED GLASS

BY OTHERS:
 120 VAC TO THE HEADER LC
 GLASS MASKING FILM
 PROPER SIZED OPENING
 PROPER FLOOR CONDITIONS

| | |
|--------------------|----------|
| CITY GLASS COMPANY | |
| PROJECT: NWFRA | |
| DOOR: A | |
| HORTON TY | SX-SX-SO |
| DATE: 3-5-11 | |



NORTHWEST FLORIDA REGION;
 EGLIN AFB, FL

1 EACH:

DOOR: D

HORTON 2003 AUTOMATIC TEL
 SINGLE SLIDING DOOR

SX-SX-SO SLIDE

FULL BREAKOUT

7'-0" WIDE X 7'-6" TOP O
 9'-4" TOP OF TRANSOM

MEDIUM STILE

DOOR PANELS PREPPED FOR
 TRANSOM PREPPED FOR 1/4"

CLEAR ANODIZED FINISH

1 EACH: FAIL SECURE AUTO-

1 EACH: 4 POSITION KEY SW

1/4" CLEAR TEMPERED GLAS:

BY OTHERS:

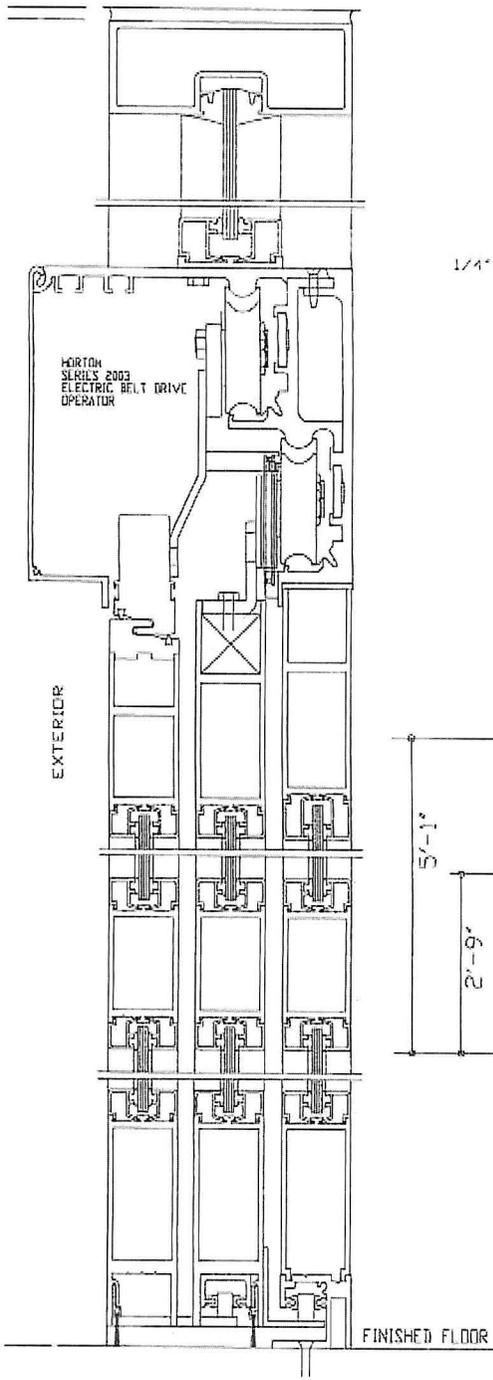
120 VAC TO THE HEADER LC

GLASS MASKING FILM

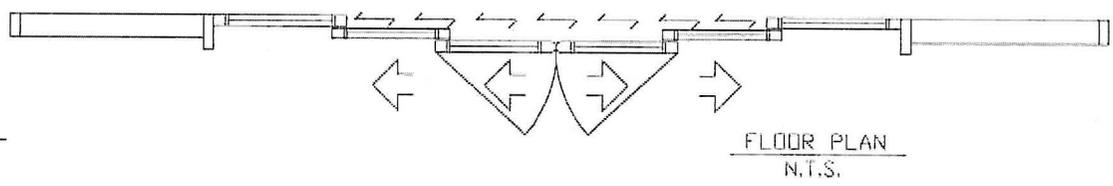
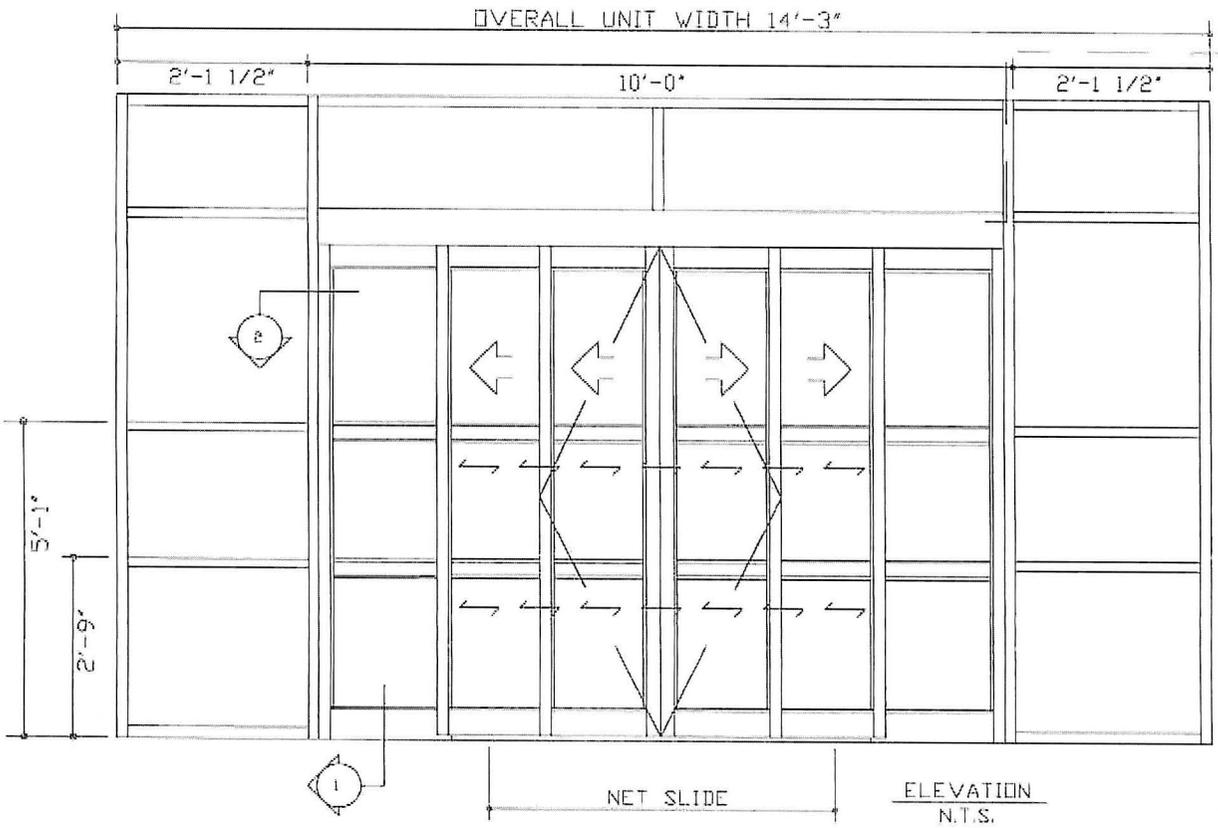
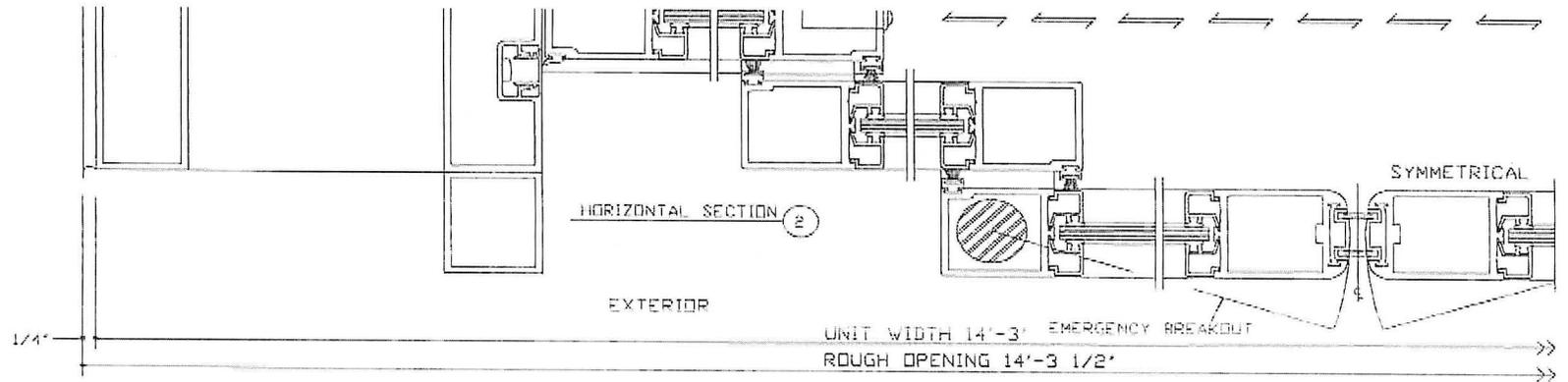
PROPER SIZED OPENING

PROPER FLOOR CONDITIONS

| | |
|--------------------|----------|
| CITY GLASS COMPANY | |
| PROJECT: NWFRA | |
| DOOR: D | |
| HORTON TY | SX-SX-SO |
| DATE: 3-5-14 | |



VERTICAL SECTION ①



- 120 VAC
- NWFRA
- EGLIN AFB, FL
- 1 EACH:
- DOOR: F
- HORTON 2003 AUTOMATIC & TELESCOPING DOOR
- O-X-SX-SX-X-O SLIDE
- MEDIUM STYLE
- DOOR PANELS PREPPED FOR GLAZING
- TRANSOMS AND ADJACENT PREPPED FOR 1/4" GLAZING
- CLEAR ANODIZED FINISH
- 1 EACH: FAIL SECURE AUT
- 1 EACH: 4 POSITION KEY
- 1/4" CLEAR TEMPERED GL

BY OTHERS:

- 120 VAC TO THE HEADER
- GLASS MAKING FILM
- PROPER SIZED OPENING
- PROPER FLOOR CONDITION:

| | |
|--------------------|---------------|
| CITY GLASS COMPANY | |
| PROJECT: NWFRA | |
| DOOR: F | |
| HORTON TY | O-X-SX-SX-X-O |
| DATE: 3-5-... | |