DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



**ADDENDUM NO.** 08

Date: September 9, 2021

City of Austin

Project Name: AUS Cargo Development East

C.I.P. No.: 13189.026 IFB No.: CLMC869

This Addendum forms a part of the Contract and corrects or modifies original Bid Documents, issued on August 2, 2021. **Acknowledge receipt of this addendum in space provided on bid form.** Failure to do so may subject bidder to disqualification.

A. Electronic files of revised drawings originally issued with Addendum 6 were made as letter size prints and found to be illegible. Electronic files for the same revised drawings are reissued herein and made with sheet size 22” x 34”.

Sheet AE-2-01, revised keynotes
Sheet AE-2-02, revised keynotes
Sheet AE-2-03, revised keynotes
Sheet AE-3-03, revised Wall Section 1
Sheet AE 4-01, revised door callouts at Plan 2
Sheet AE-4-02, revisions to Enlarged Plan 1 and Interior Elevations
Sheet AE-5-01, revised in entirety
Sheet AE-5-03, revised Details 1 and 2
Sheet AE-5-05, revised in entirety
Sheet AE-5-06, revised in entirety
Sheet AE-5-08, deleted Louver Types and corrected HM Door Frame Elevations
Sheet AE-5-09, revised Details 1, 2, 3, 5, and 6
Sheet AE-5-10, revised in entirety
Sheet AE-5-11, revised Details 3, 6, and 9
Sheet AE-6-01, revisions to Door Schedule
Sheet AE-6-03, addition of interior paint color and revisions to Finish Schedule
Sheet AG-1-01, revisions to sign types and locations
Sheet AG-5-01, revisions to sign types
Sheet AG-5-02, revisions to sign types
Sheet E-6-01, revised Lighting Fixture Schedule
Sheet ES-1-02, revised keynotes 8 and 16
Sheet F-0-00, revised general note 4
Sheet F-1-02, revised keynote 2
Sheet F-1-03, revised keynote 2
Sheet F-1-04, revised keynote 2
Sheet F-5-01, revised Fire and Jockey Pump Schedule
Sheet MH-1-02, corrected Louver callout
Sheet MH–6-01, revised Heater Schedule
Sheet P-1-03, revised keynotes 4 and 8
Sheet P-1-04, revised keynote 2
Sheet P-1-05, revised keynotes 9 and 10; added valve box note; changed floor drains to floor sinks
Sheet P-6-01, updated Fixture Schedule
Sheet S-0-01, revised Deflection and Drift Limits Table

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This addendum consists of 34 pages

DocuSigned by:
Craig Russell
E6E2523C983D47E...

Approved by OWNER

Ted Q. Tran RA

Approved by ARCHITECT

REGISTERED ARCHITECT
THIEU QUOC TED TRAN
20975
STATE OF TEXAS

September 9, 2021

**END**

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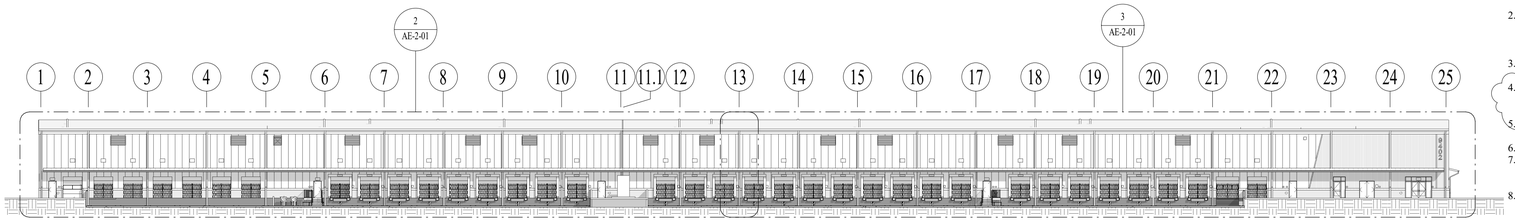
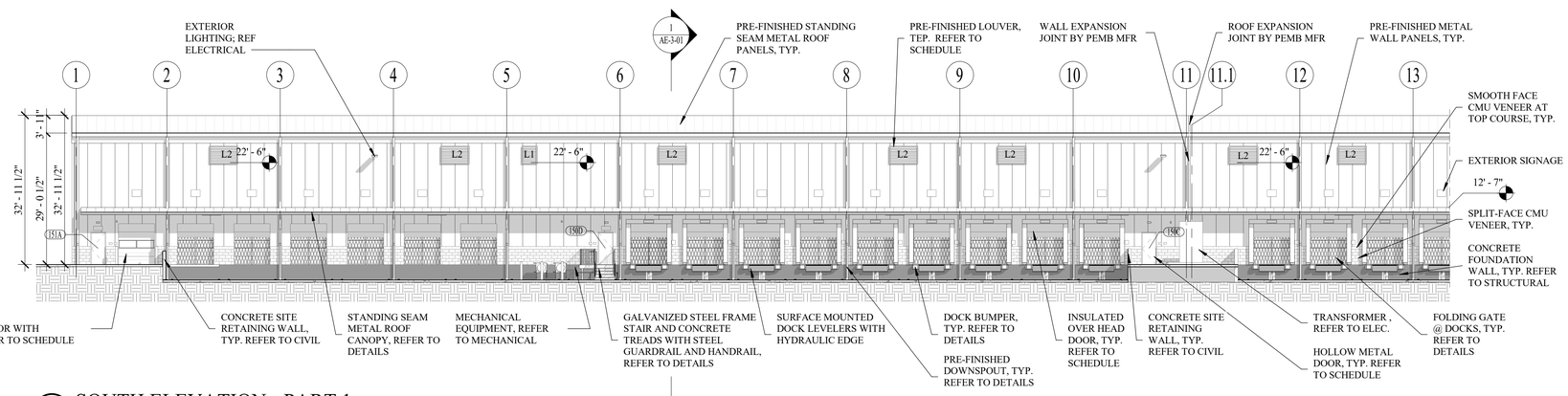
## GENERAL ELEVATION NOTES

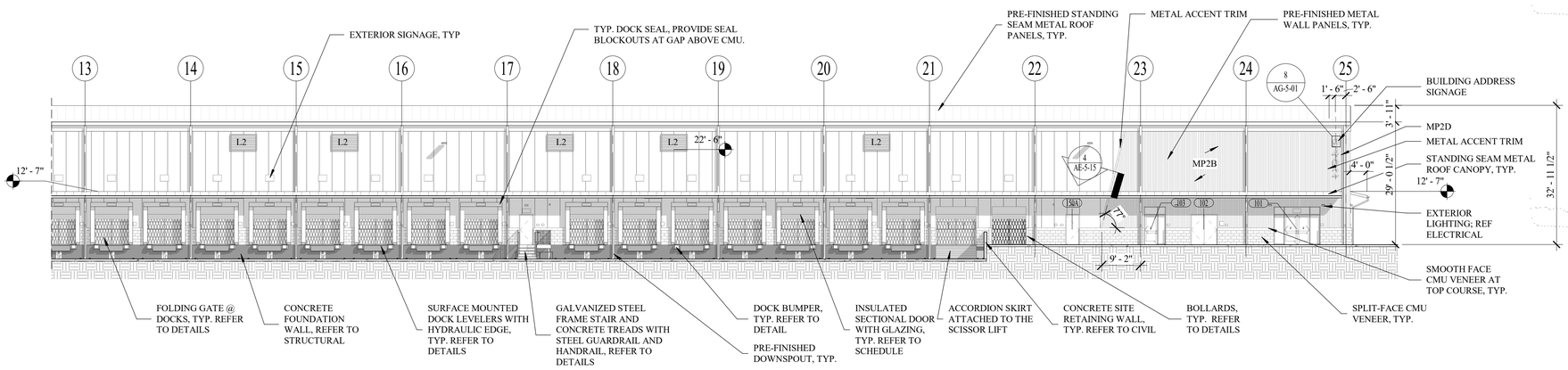
1. JOINT LOCATIONS OF BACK-UP AND FINISH MATERIALS TO BE COORDINATED WITH JOINTS ON DRAWINGS PRIOR TO INSTALLATION. CONFIRM WITH ARCHITECT.
2. ARCHITECTURAL ELEVATIONS MAY NOT INDICATE ALL WALL MOUNTED EQUIPMENT/PENETRATIONS; COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
3. COORDINATE FIRE SIGNAGE WITH AUTHORITY HAVING JURISDICTION.
4. REFER TO SHEET AE-5-08 FOR DOOR, WINDOW SIZES & REFER TO SHEET MH-6-02 FOR LOUVER SCHEDULE WITH LOUVER SIZES.
5. REFER TO SIGNAGE PLANS FOR SIGNAGE TYPE(S) AND INFORMATION.
6. REFER TO AE-6-03 FOR EXTERIOR FINISHES.
7. REFER TO CIVIL DESIGN IN PACKAGE 1 FOR DOWNSPOUT BOOT CONNECTION TO UNDERGROUND STORM DRAIN.
8. REFER TO CIVIL DESIGN IN PACKAGE 1 FOR LOADING DOCK RETAINING WALL ADD ADJACENT PLAZA, FLATWORK.
9. REFER TO LANDSCAPE DESIGN IN PACKAGE 1 FOR WORK ASSOCIATED WITH PACKAGE 2.




1 SOUTH ELEVATION
1/32" = 1'-0"




2 SOUTH ELEVATION - PART 1
1/16" = 1'-0"




3 SOUTH ELEVATION - PART 2
1/16" = 1'-0"

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

REGISTERED ARCHITECT THIEU QUOC TED TRAN 20944 STATE OF TEXAS

09SEP21

ATKINS
11801 Domain Blvd., Suite 500 -
Austin TX 78758 - (512) 327-6840

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME: L13189.026-AE-2-01.dwg | | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: As indicated | No. | Date | Description | By |

KEY MAP

SECTOR J3

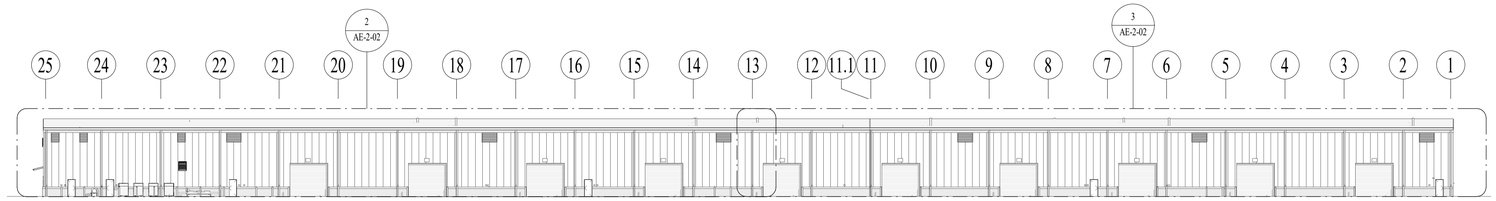
DRAWING DESCRIPTION:

**SOUTH ELEVATION**

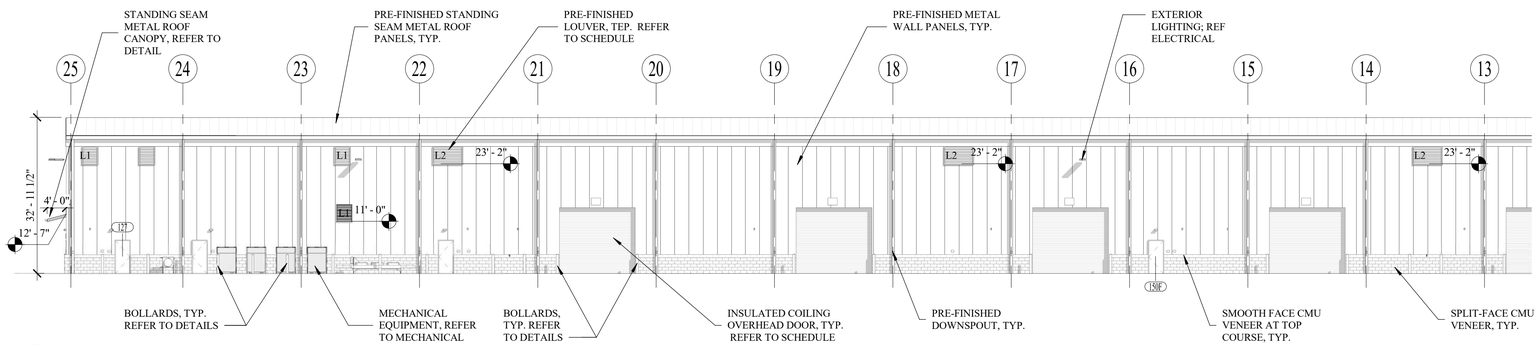
SHEET NO.

**AE-2-01**

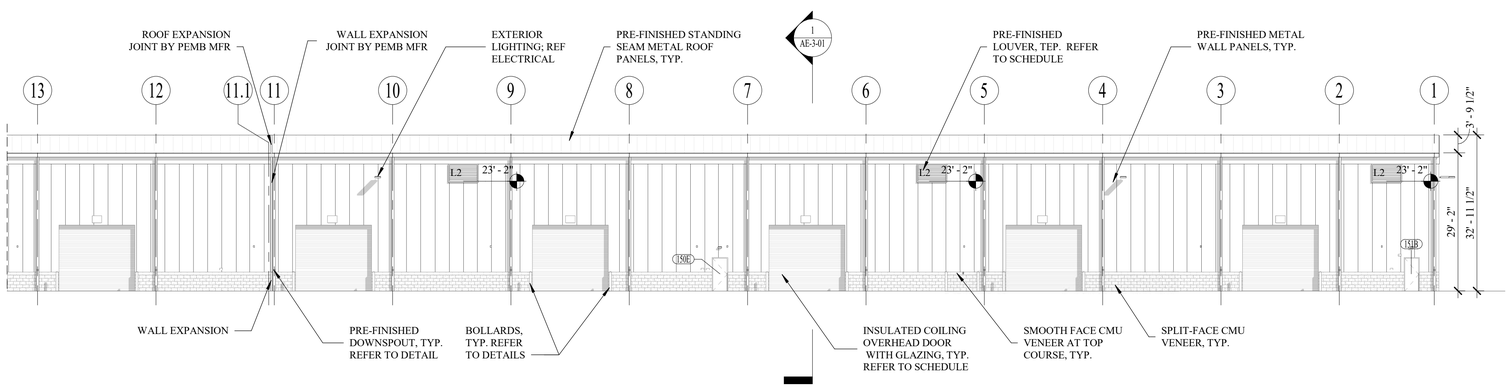
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711




1 NORTH ELEVATION
1/32" = 1'-0"




2 NORTH ELEVATION - PART 1
1/16" = 1'-0"




3 NORTH ELEVATION - PART 2
1/16" = 1'-0"

## GENERAL ELEVATION NOTES

1. JOINT LOCATIONS OF BACK-UP AND FINISH MATERIALS TO BE COORDINATED WITH JOINTS ON DRAWINGS PRIOR TO INSTALLATION. CONFIRM WITH ARCHITECT.
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REGISTERED ARCHITECT THIEU QUOC TED TRAN 20097 STATE OF TEXAS

09SEP21

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME: L13189.026-AE-2-02.dwg | | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: As indicated | No. | Date | Description | By |

KEY MAP

SECTOR J3

DRAWING DESCRIPTION:

**NORTH ELEVATION**

SHEET NO.

**AE-2-02**

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711

**GENERAL ELEVATION NOTES**

1. JOINT LOCATIONS OF BACK-UP AND FINISH MATERIALS TO BE COORDINATED WITH JOINTS ON DRAWINGS PRIOR TO INSTALLATION. CONFIRM WITH ARCHITECT.
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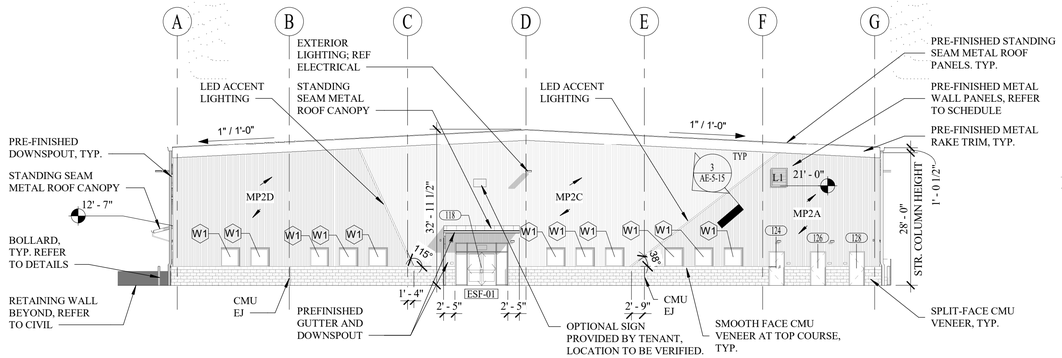
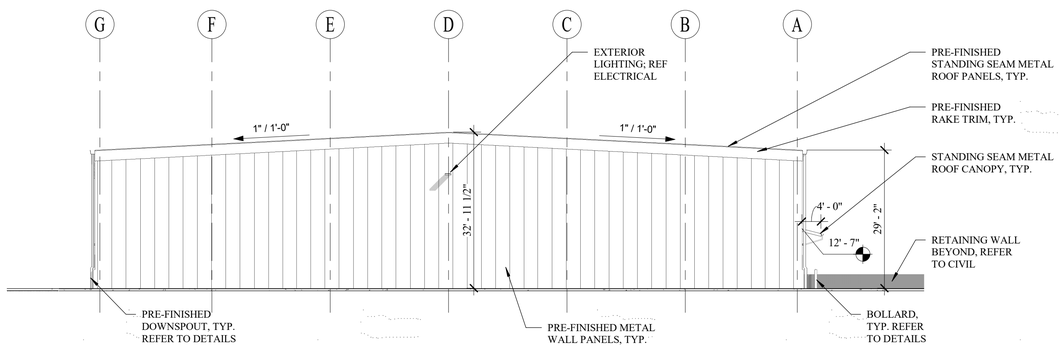
9. REFER TO LANDSCAPE DESIGN IN PACKAGE 1 FOR WORK ASSOCIATED WITH PACKAGE 2.




1 EAST ELEVATION
1/16" = 1'-0"




2 WEST ELEVATION
1/16" = 1'-0"

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

REGISTERED ARCHITECT THIEU QUOC TED TRAN 20097 STATE OF TEXAS

19JUL21

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| DRAWN BY: ON | | | | |
| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME: L13189.026-AE-2-03.dwg | | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: 1/16" = 1'-0" | No. | Date | Description | By |

KEY MAP

SECTOR J3

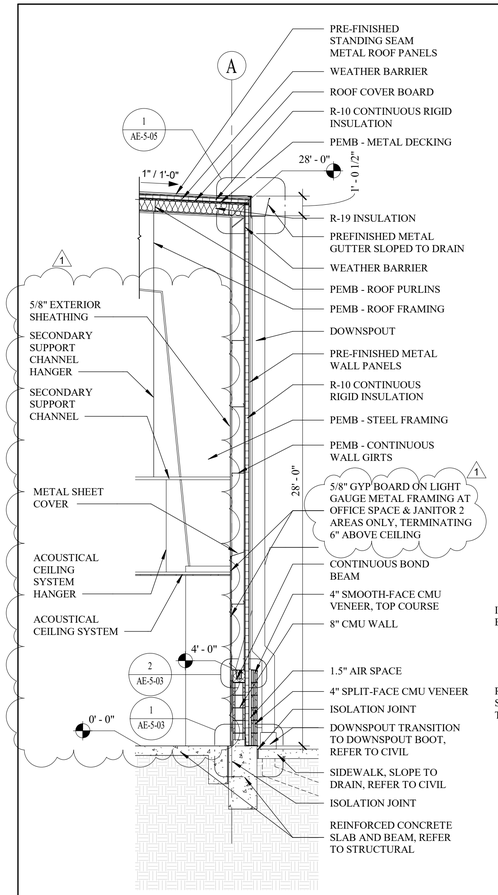
DRAWING DESCRIPTION:

**EAST AND WEST ELEVATION**

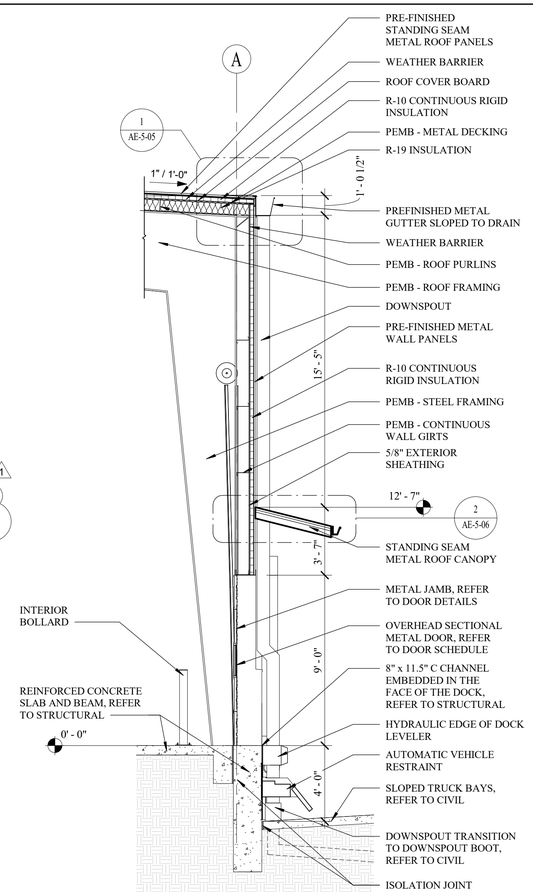
SHEET NO.

**AE-2-03**

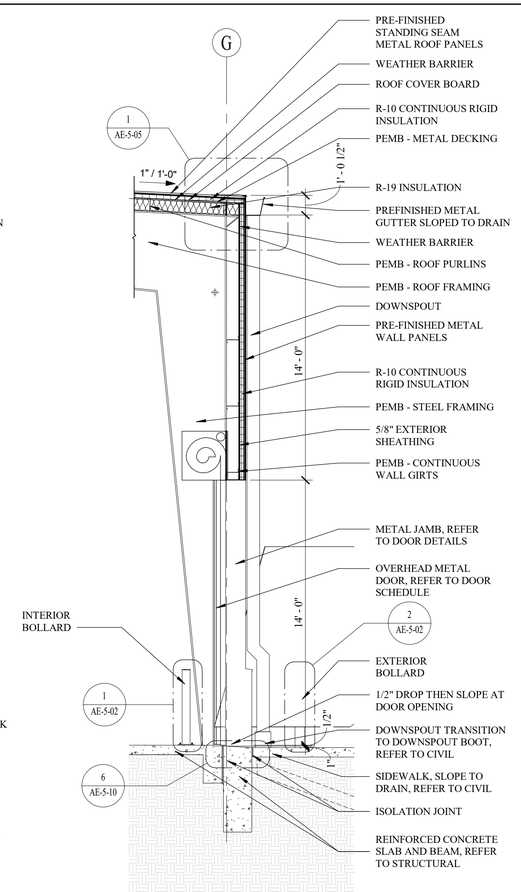
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



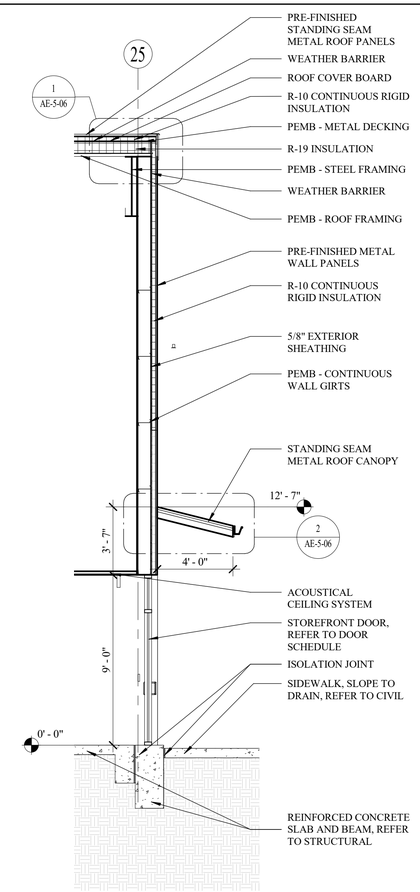

1 TYPICAL WALL SECTION 1
1/4" = 1'-0"




2 TYPICAL WALL SECTION 2
1/4" = 1'-0"




3 TYPICAL WALL SECTION 3
1/4" = 1'-0"




4 TYPICAL WALL SECTION 4
1/4" = 1'-0"

0' 1' 2' 4' 8' 16'

SCALE: 1/4"=1'

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

REGISTERED ARCHITECT THIEU QUOC TRAN 20894 STATE OF TEXAS

09SEP21

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Austin TX 78758 - (512) 327-6840

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| DRAWN BY: ON | | | |
| CHECKED BY: BH | | | |
| COORD. CHECK: TT / KP | | | |
| FILE NAME: L13189.026-AE-3-03.dwg | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 |
| SCALE: 1/4" = 1'-0" | No. | Date | Description | By |

KEY MAP SECTOR J3

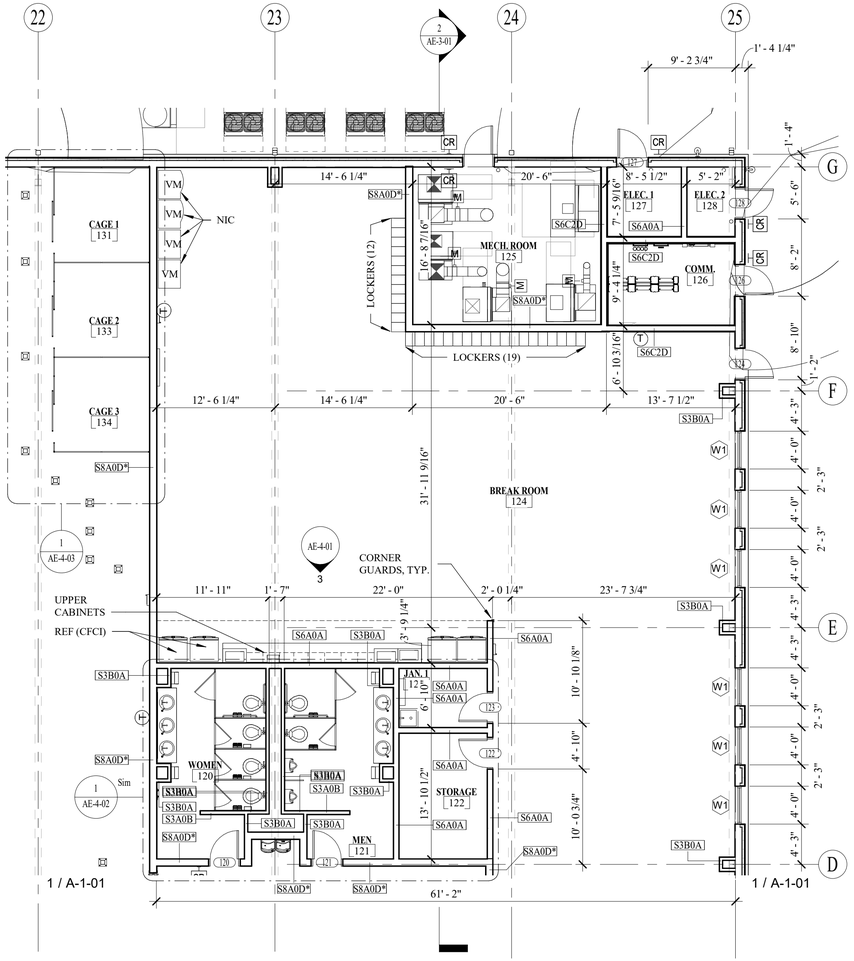
DRAWING DESCRIPTION:

## WALL SECTIONS

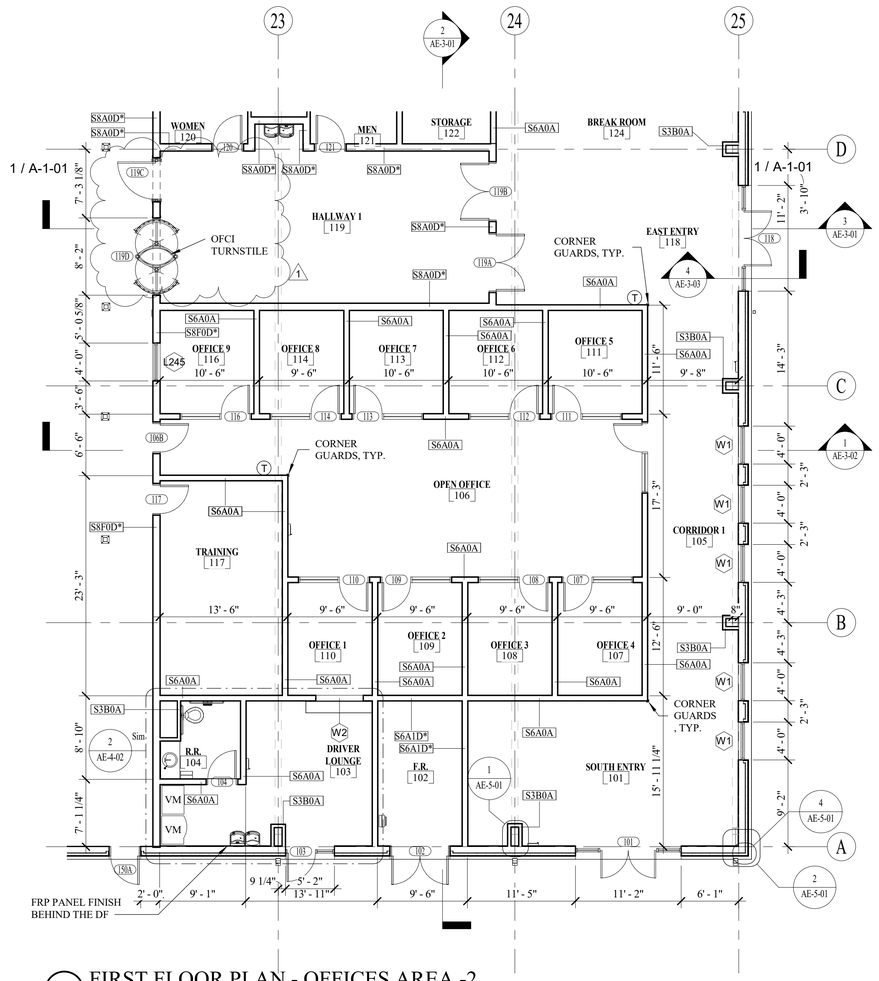
SHEET NO.

AE-3-03

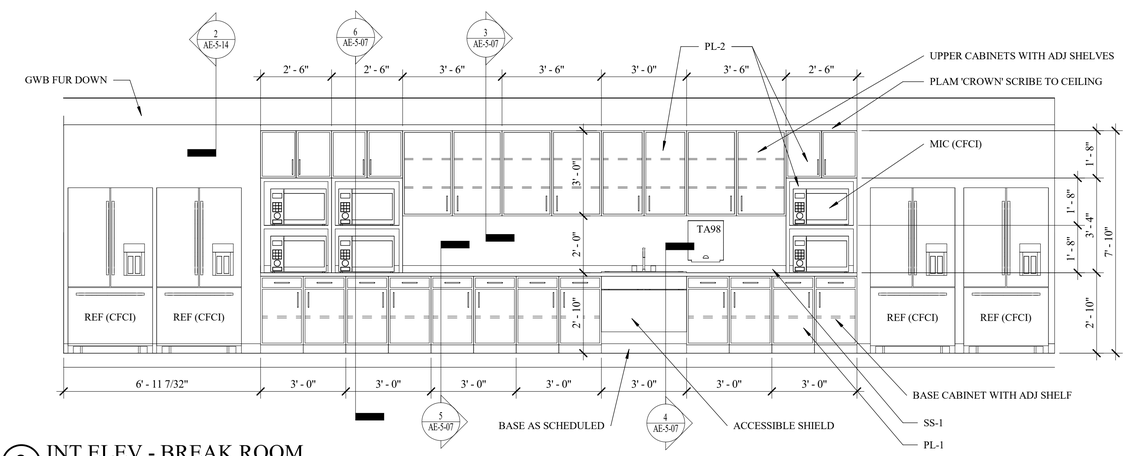
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



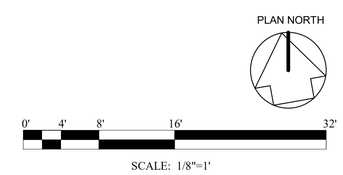

1 FIRST FLOOR PLAN - OFFICES AREA -1
1/8" = 1'-0"




2 FIRST FLOOR PLAN - OFFICES AREA -2
1/8" = 1'-0"




3 INT ELEV - BREAK ROOM
3/8" = 1'-0"




ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

19JUL21

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Austin TX 78758 - (512) 327-6840

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026|Permit Issue No.:00000|AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| COORD. CHECK: | TT / KP | | | |
| FILE NAME: L13189.026-AE-4-01.dwg | | | | |
| DATE: | 02AUG21 | 1 | 9/9/21 | Addendum 6 |
| SCALE: | As indicated | No. | Date | Description |

By

KEY MAP — SECTOR J3

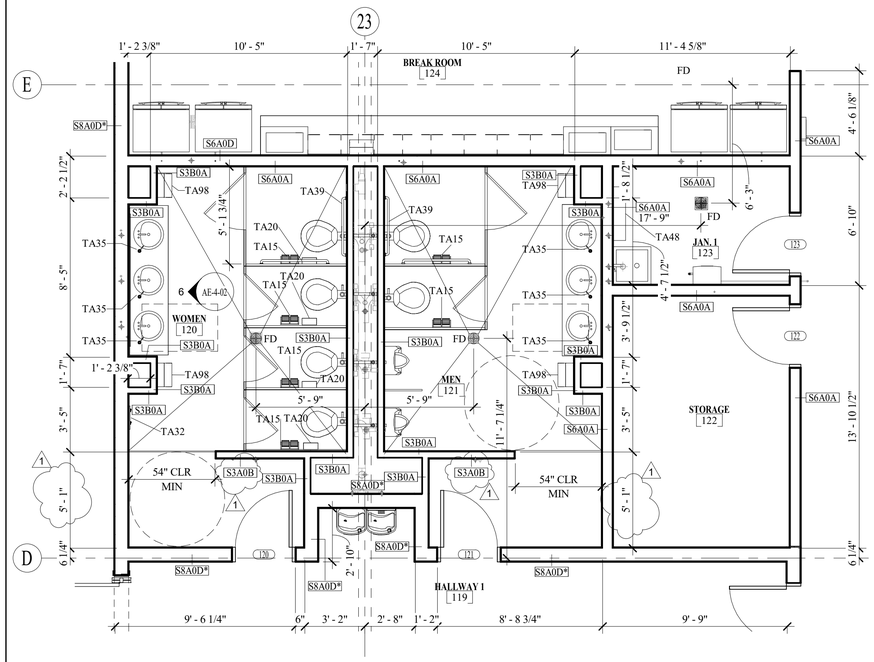
DRAWING DESCRIPTION:

## ENLARGED PLAN - OFFICE AREA

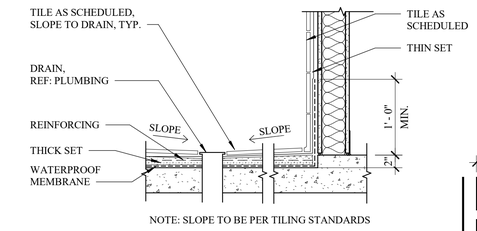
SHEET NO.

AE-4-01

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711

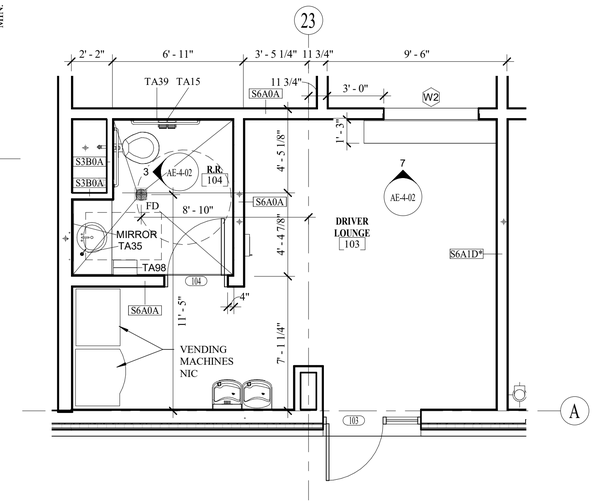



1 ENLARGED PLAN - RESTROOM 120 & 121
1/4" = 1'-0"

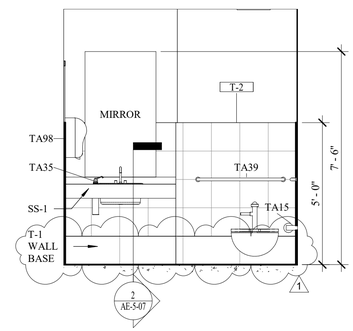



4 TILE SLOPE TO DRAIN DETAIL
1" = 1'-0"

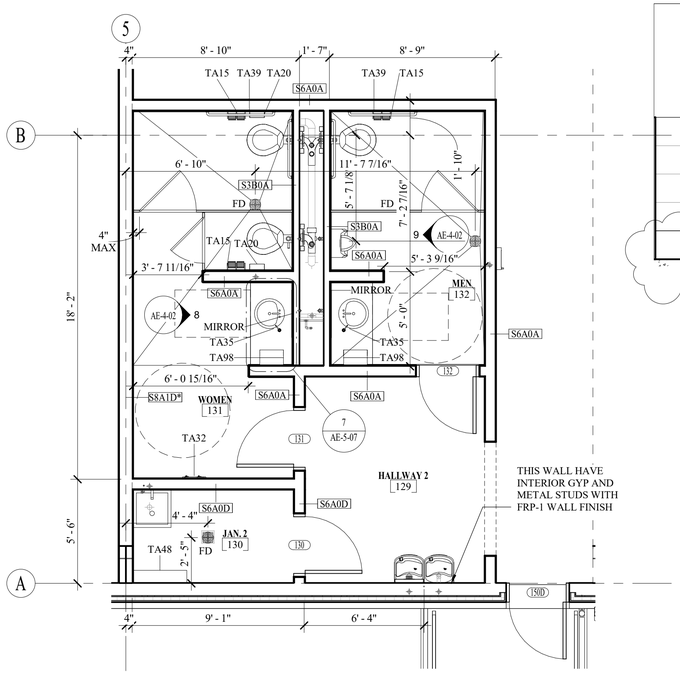
| TOILET ACCESSORIES | |
|---|---|
| Type Mark | Description |
| TA15 | TOILET PAPER DISPENSER, DOUBLE |
| TA20 | SANITARY NAPKIN DISPOSER |
| TA32 | SANITARY NAPKIN AND TAMPON DISPENSER |
| TA35 | SOAP DISPENSER |
| TA39 | SIDE AND REAR GRAB BARS |
| TA48 | COMBINATION MOP AND BROOM HOLDER |
| TA98 | DISPENSER, PAPER TOWEL, SURFACE MOUNT |



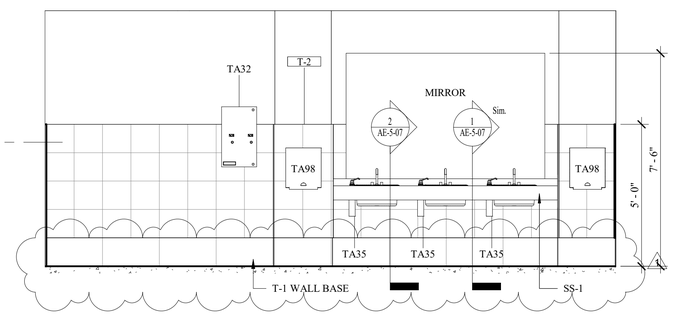

2 ENLARGED PLAN - RM 103 & 104
1/4" = 1'-0"



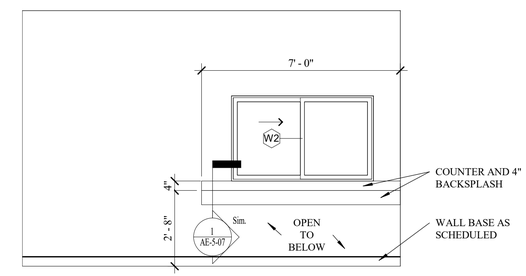

3 INT ELEV - RR 103
3/8" = 1'-0"



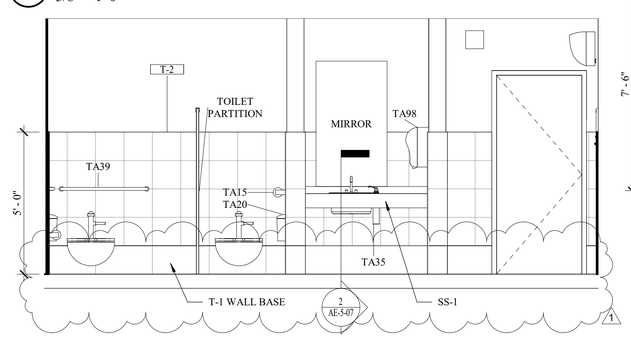

5 ENLARGED PLAN - RESTROOOM 131 & 132
1/4" = 1'-0"



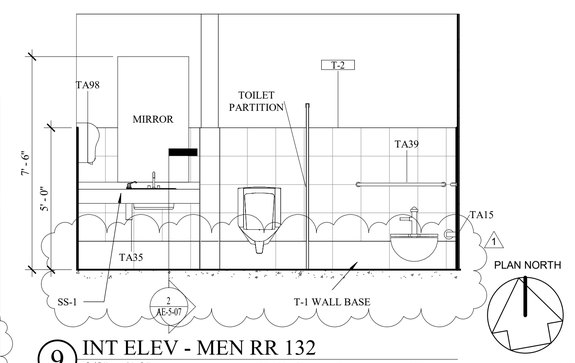

6 INT ELEV - WOMEN 120 (MEN 121 SIM)
3/8" = 1'-0"




7 INT ELEV - DRIVER LOUNGE COUNTER
3/8" = 1'-0"




8 INT ELEV - WOMEN RR 131
3/8" = 1'-0"




9 INT ELEV - MEN RR 132
3/8" = 1'-0"

0' 1' 2' 4' 8' 16'
SCALE: 1/4"=1'

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

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11801 Domain Blvd., Suite 500 -
Austin TX 78758 - (512) 327-6840

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN, AUSTIN, TX. 78719
ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | |
|---|---|---|---|---|
| DRAWN BY: | ON | | | |
| CHECKED BY: | BH | | | |
| COORD. CHECK: | TT / KP | | | |
| FILE NAME: | L13189.026-AE-4-02.dwg | | | |
| DATE: | 02AUG21 | 1 | 9/9/21 | Addendum 6 |
| SCALE: | As indicated | No. | Date | Description |

By

KEY MAP SECTOR J3

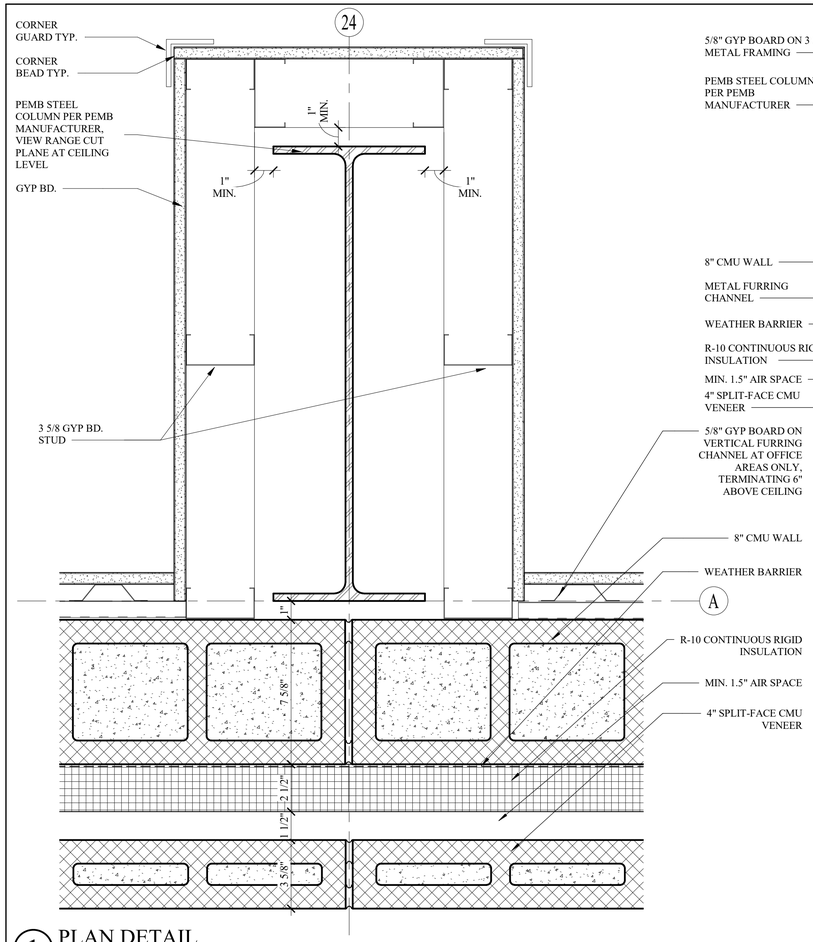
DRAWING DESCRIPTION:

**ENLARGED PLANS - RESTROOMS**

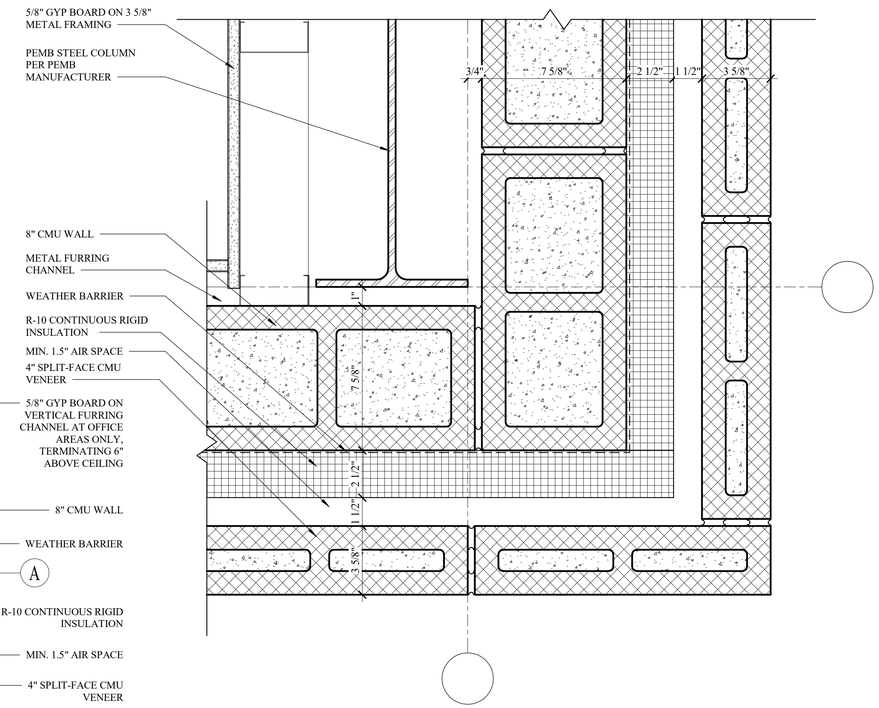
SHEET NO.

**AE-4-02**

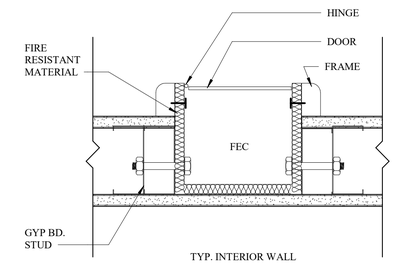
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



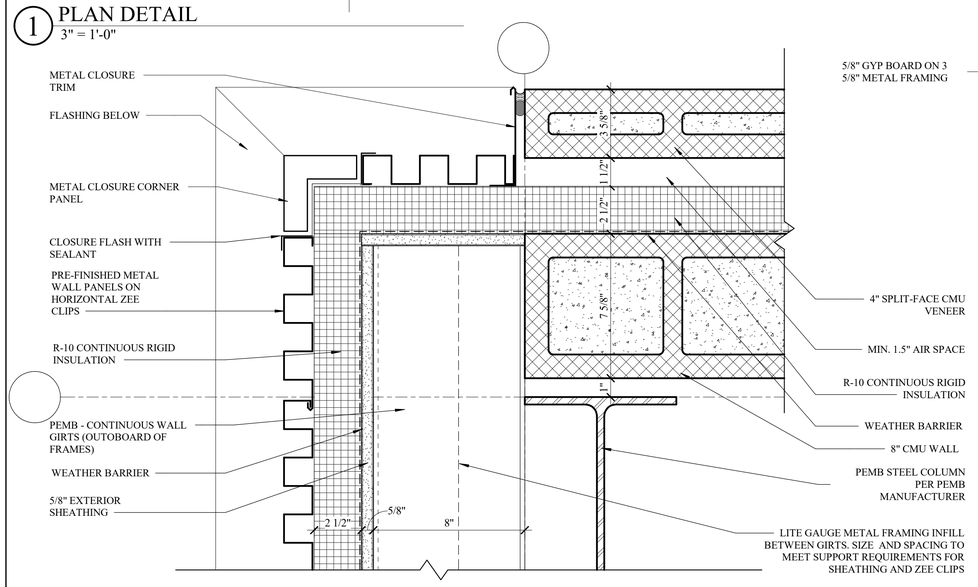

1 PLAN DETAIL
3" = 1'-0"



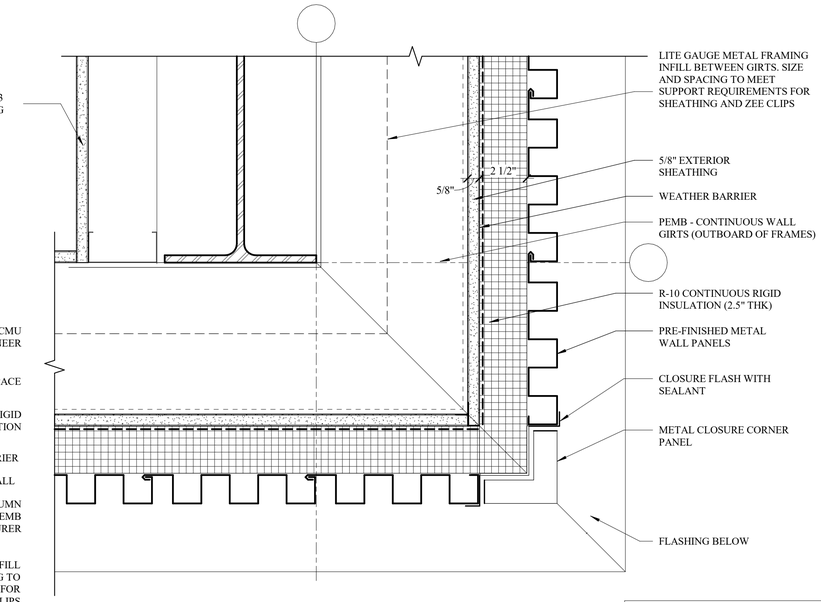

2 DTL PEMB MASONRY OUTSIDE CORNER 1
3" = 1'-0"




3 FIRE EXTINGUISHER CABINET
3" = 1'-0"




5 DTL PEMB MASONRY OUTSIDE CORNER 2
3" = 1'-0"




4 DTL MTL. PANEL OUTSIDE CORNER
3" = 1'-0"

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

09SEP21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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | |
|---|---|---|---|---|
| DRAWN BY: | ON | | | |
| CHECKED BY: | BH | | | |
| COORD. CHECK: | TT / KP | | | |
| FILE NAME: | L13189.026-AE-5-01.dwg | | | |
| DATE: | 02AUG21 | 1 | 9/9/21 | Addendum 6 |
| SCALE: | 3" = 1'-0" | No. | Date | Description | By |

KEY MAP

SECTOR J3

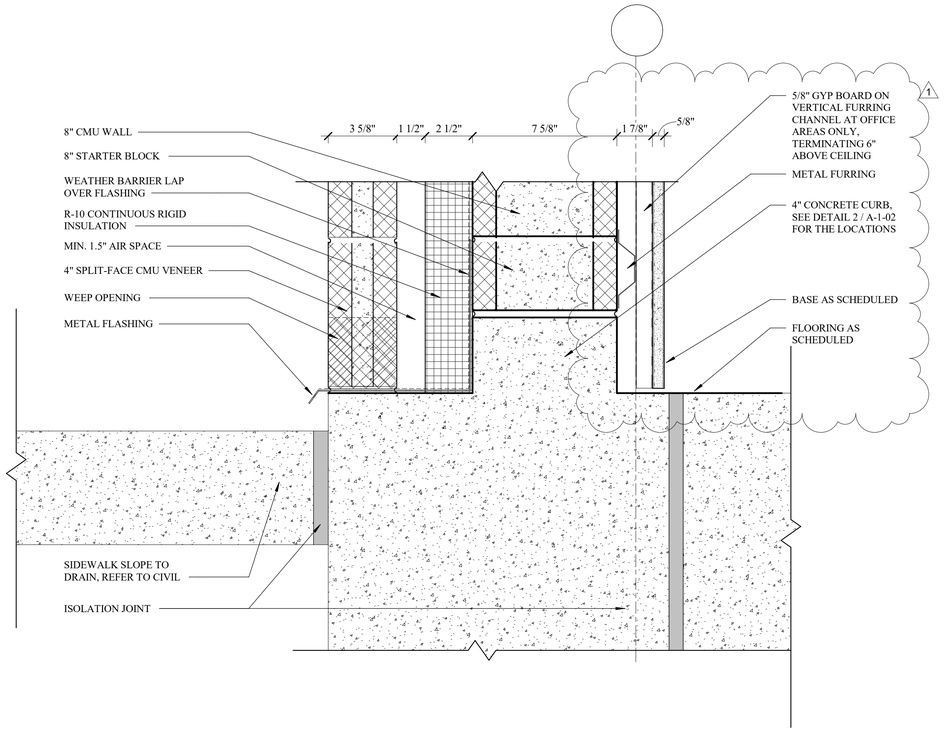
DRAWING DESCRIPTION:

**PLAN DETAILS**

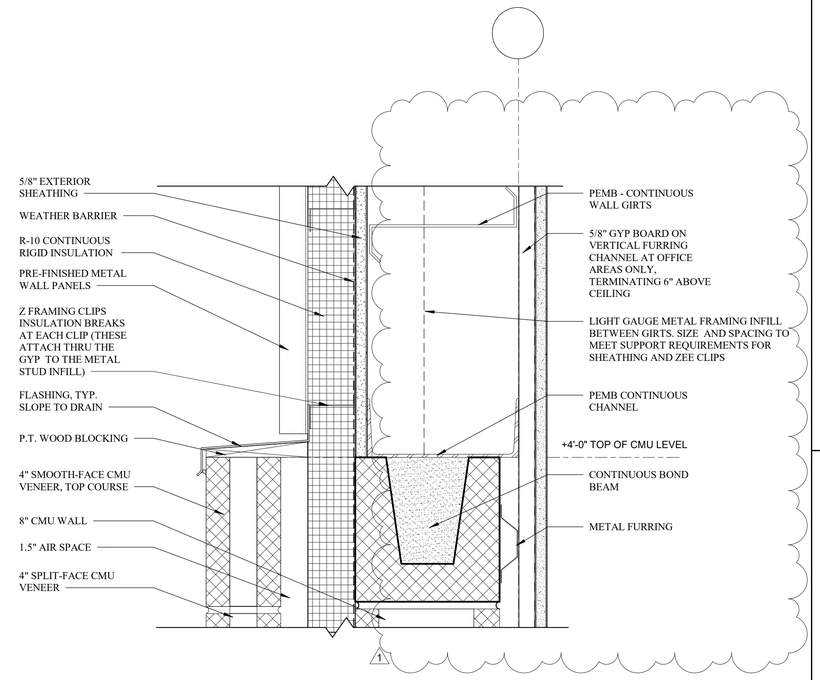
SHEET NO.

AE-5-01

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711




1 FLASHING DETAIL AT GROUND LEVEL
3" = 1'-0"




2 INTERFACE SECTION DETAIL
3" = 1'-0"

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

19JUL21

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | ON | | | | |
| CHECKED BY: | BH | | | | |
| COORD. CHECK: | TT / KP | | | | |
| FILE NAME: | L13189.026-AE-5-03.dwg | | | | |
| DATE: | 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: | 3" = 1'-0" | No. | Date | Description | By |

KEY MAP

SECTOR J3

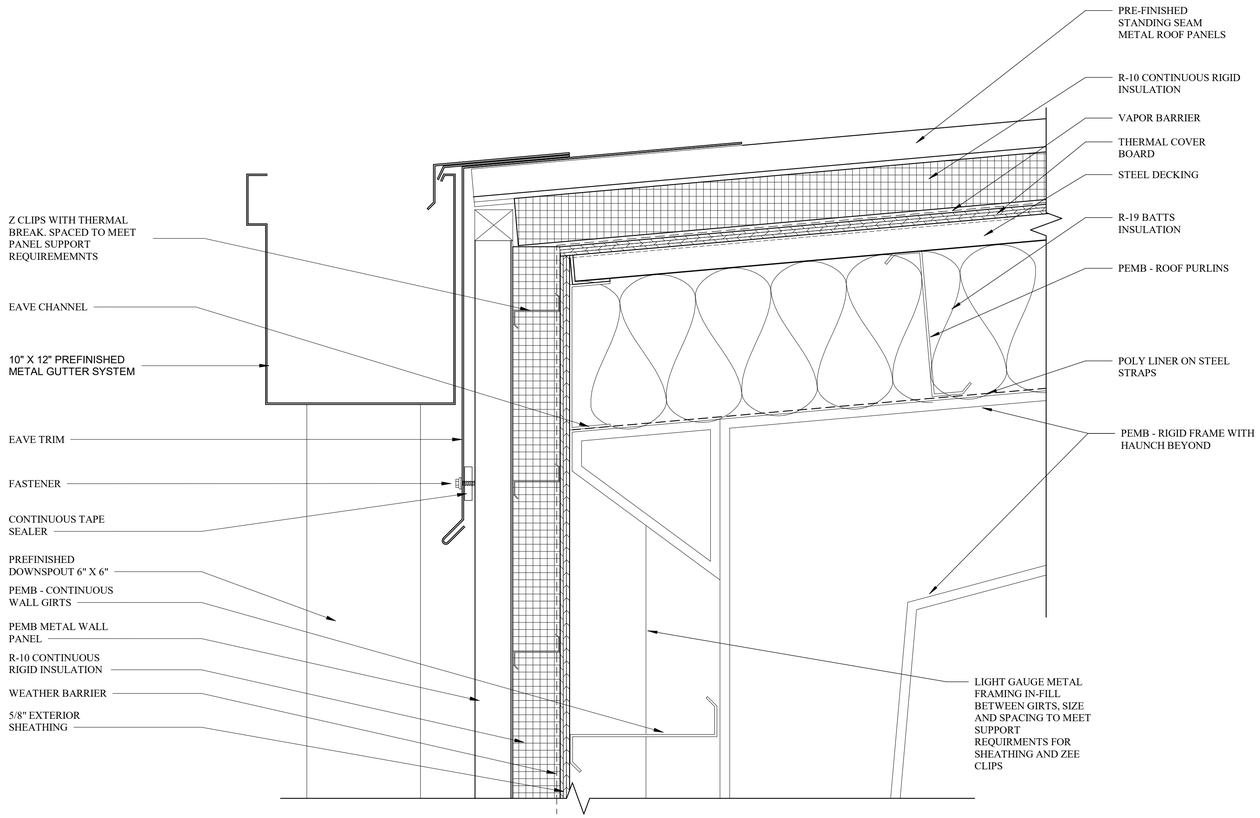
DRAWING DESCRIPTION:

**WALL SECTION DETAILS**

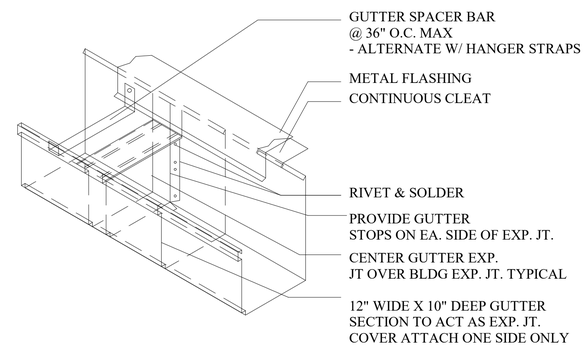
SHEET NO.

**AE-5-03**

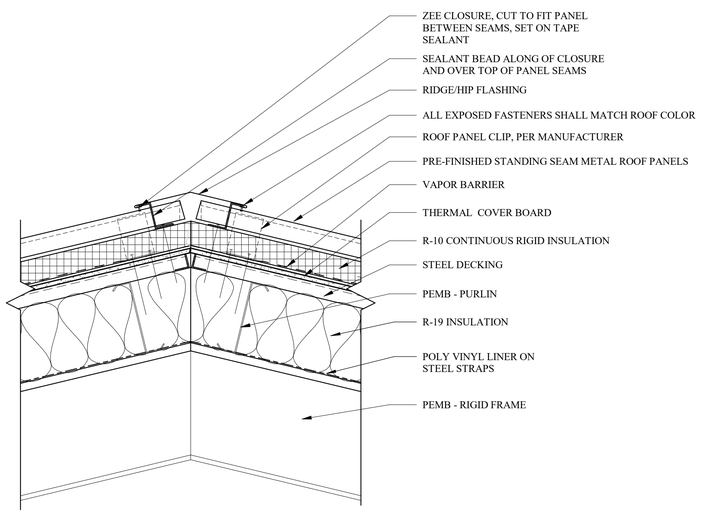
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



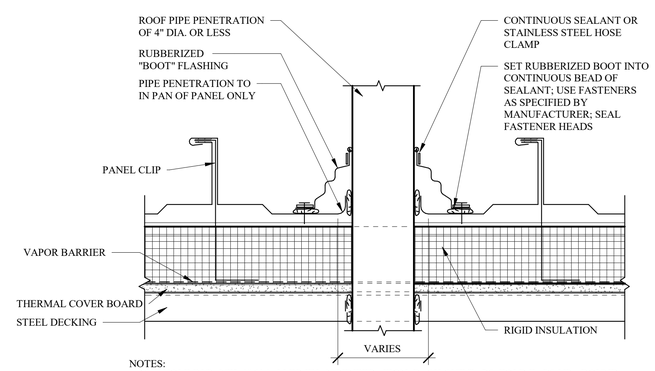

1 GUTTER AT EDGE DETAIL
3" = 1'-0"




2 GUTTER SECTION
1 1/2" = 1'-0"




3 RIDGE DETAIL
1 1/2" = 1'-0"




NOTES:
1. CUT HOLE IN PANEL 1" SMALLER THAN PENETRATION, BACK CUT TABS, FOLD TABS UP AROUND PENETRATION, AND SEAL.
2. CUT HOLE TO ALLOW FOR ADEQUATE THERMAL MOVEMENT.
3. METAL PIPES MUST BE PAINTED TO PREVENT RUST RUN-OFF FROM STAINING PANELS.
4. SQUARE BASED BOOTS TO BE SET IN DIAMOND ORIENTATION TO PANEL TO AID IN DIVERTING WATER.

4 TYP PIPE PENETRATION - FLEXIBLE
3" = 1'-0"

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

REGISTERED ARCHITECT THIEU QUOC TED TRAN 20944 STATE OF TEXAS

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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|---|---|---|---|---|
| DRAWN BY: ON | | | | |
| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME:L13189.026-AE-5-05.dwg | | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: As indicated | No. | Date | Description | By |

KEY MAP SECTOR J3

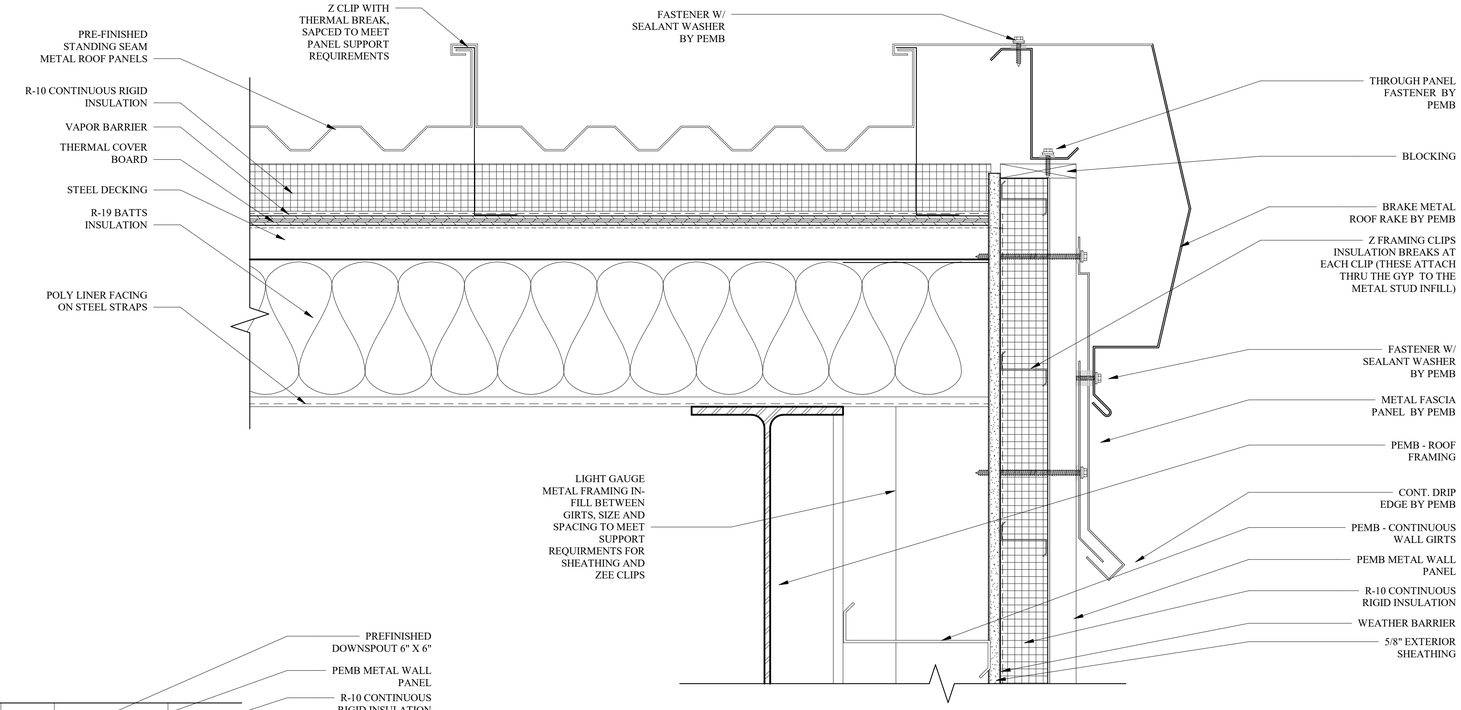
DRAWING DESCRIPTION:

ROOF DETAILS

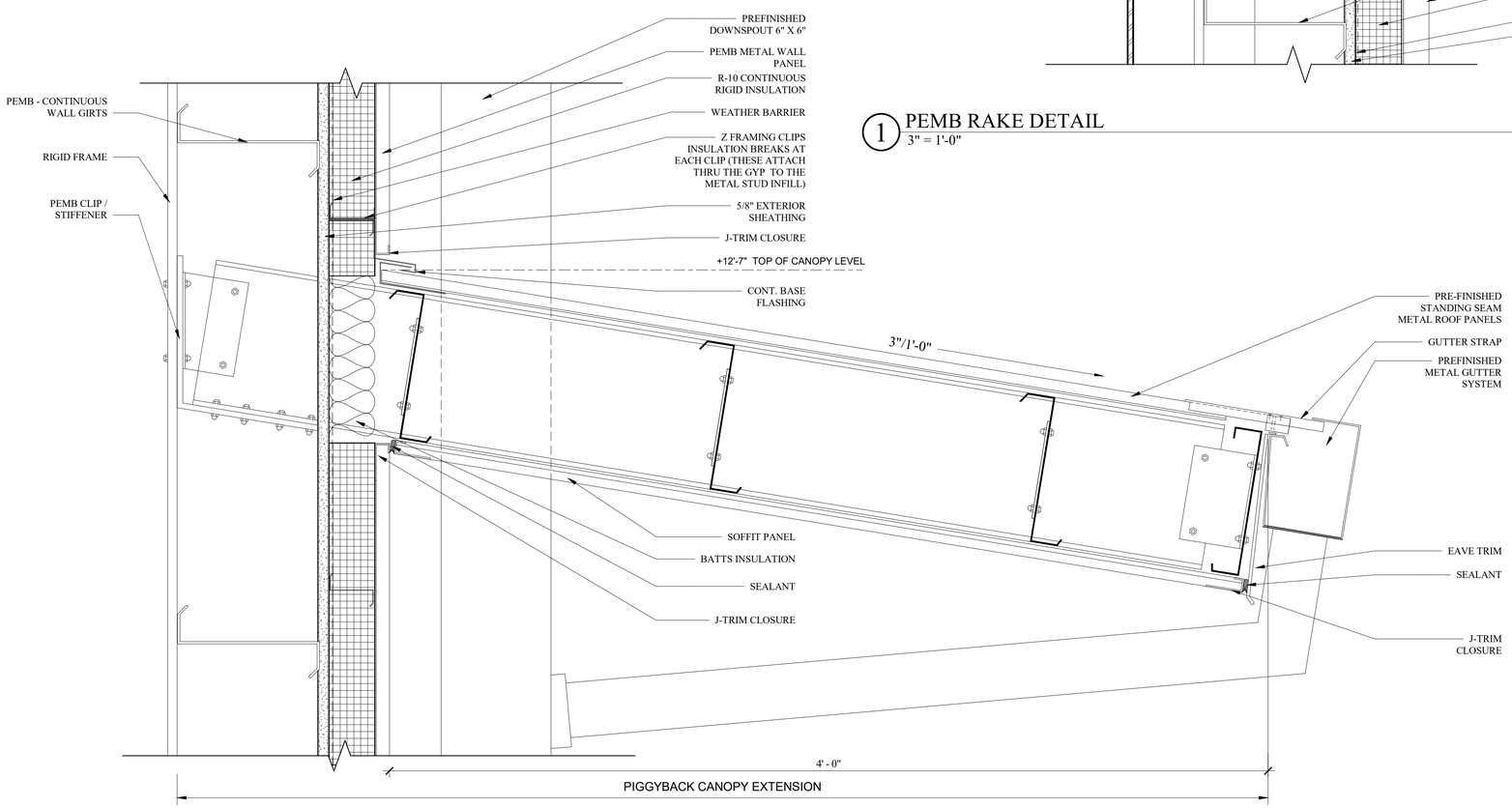
SHEET NO.

AE-5-05 1

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711




1 PEMB RAKE DETAIL
3" = 1'-0"




2 CANOPY DETAIL
3" = 1'-0"

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

REGISTERED ARCHITECT THIEU QUOC TED TRAN 20097 STATE OF TEXAS

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | |
|---|---|---|---|---|
| DRAWN BY: | ON | | | |
| CHECKED BY: | BH | | | |
| COORD. CHECK: | TT / KP | | | |
| FILE NAME: | L13189.026-AE-5-06.dwg | | | |
| DATE: | 02AUG21 | 1 | 9/9/21 | Addendum 6 |
| SCALE: | 3" = 1'-0" | No. | Date | Description | By |

KEY MAP

SECTOR J3

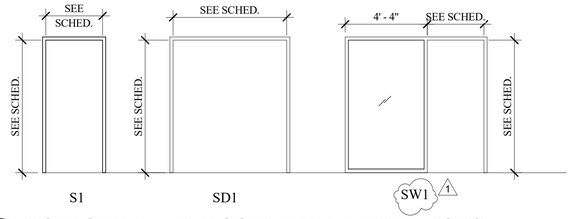
DRAWING DESCRIPTION:

## ROOF DETAILS

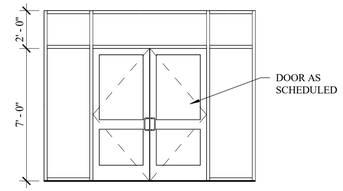
SHEET NO.

AE-5-06

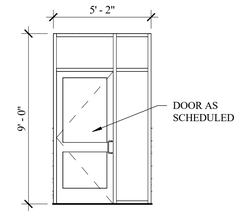
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



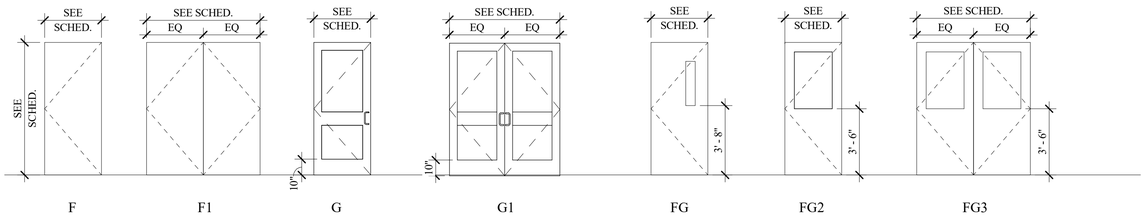

1 HOLLOW METAL DOOR FRAME ELEVATIONS
1/4" = 1'-0"



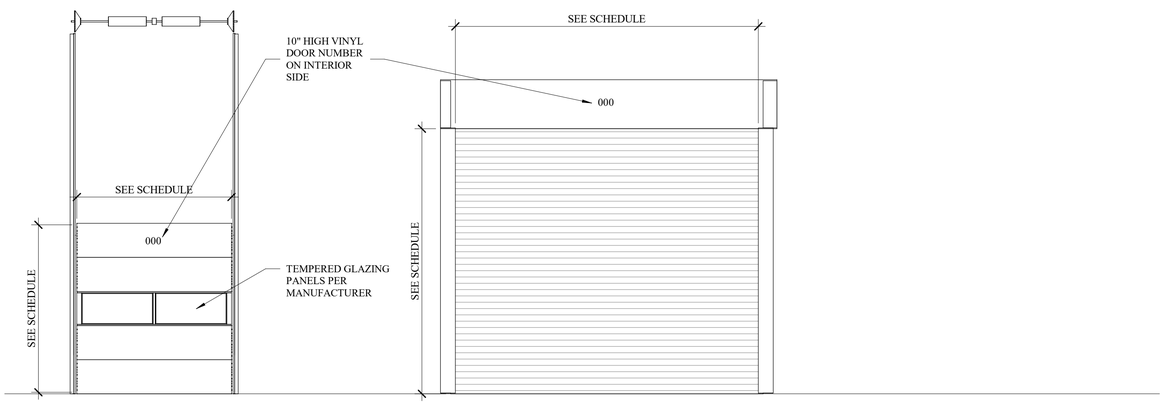

2 STOREFRONT FRAME SF-1
1/4" = 1'-0"



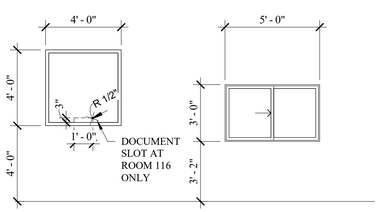

3 STOREFRONT FRAME SF-2
1/4" = 1'-0"



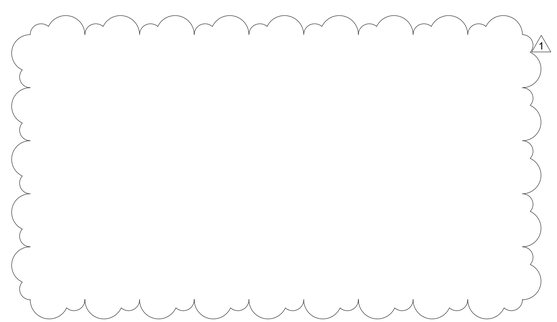

**NOTES:**
REFER TO SPECIFICATIONS FOR DOOR STILES AND RAIL SIZES.
REFER TO SCHEDULE FOR HARDWARE AND FIRE RATINGS.
REFER TO SPECIFICATIONS FOR TEMPERED/LAMOINATED GLAZING LOCATIONS




4 DOOR TYPE ELEVATIONS
1/4" = 1'-0"




5 WIINDOW TYPE ELEVATIONS
1/4" = 1'-0"




ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

09SEP21

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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|---|---|---|---|---|
| DRAWN BY: ON | | | | |
| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME: L13189.026-AE-5-08.dwg | | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: 1/4" = 1'-0" | No. | Date | Description | By |

KEY MAP

SECTOR J3

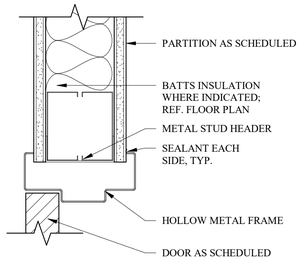
DRAWING DESCRIPTION:

**DOOR TYPES, DOOR FRAMES, WINDOW, LOUVER TYPES**

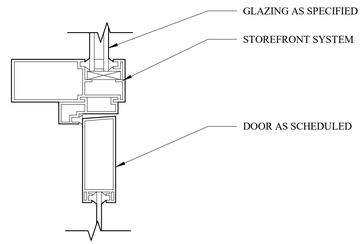
SHEET NO.

**AE-5-08**

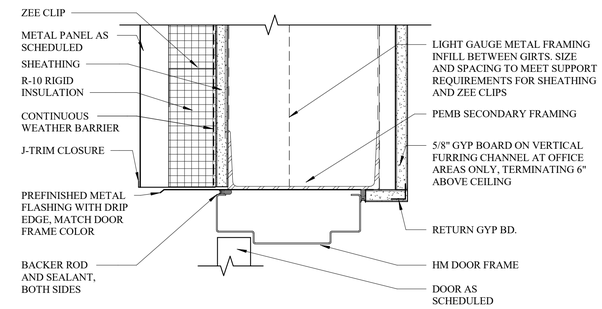
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



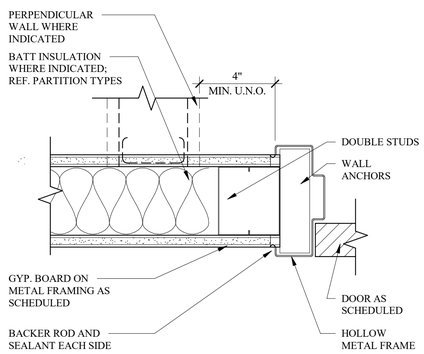

7 INT DTL DOOR HEAD
3" = 1'-0"



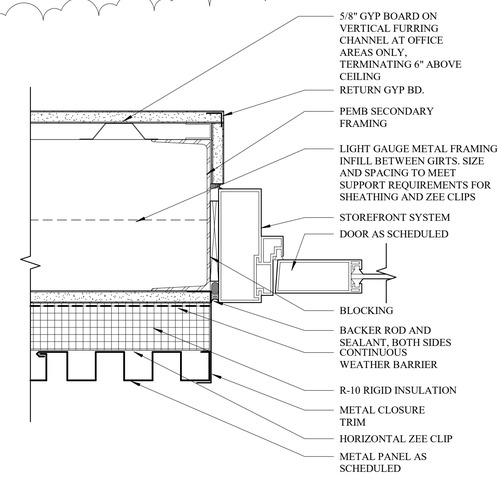

4 EXT DTL DOOR HEAD SF
3" = 1'-0"



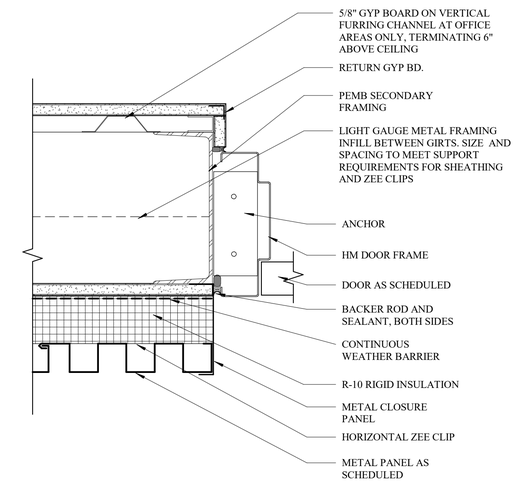

1 EXT DTL METAL PANEL DOOR HEAD HM
3" = 1'-0"



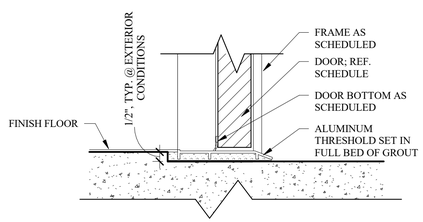

8 INT DTL DOOR JAMB
3" = 1'-0"



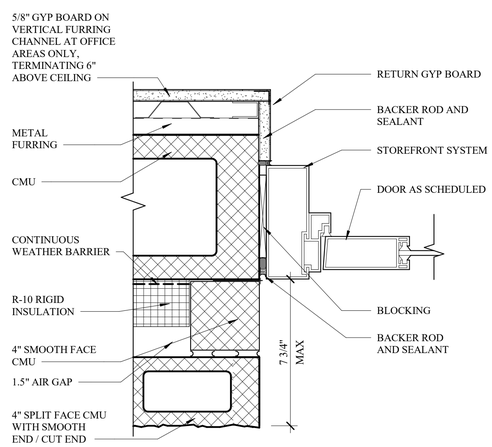

5 EXT DTL METAL PANEL DOOR JAMB SF
3" = 1'-0"



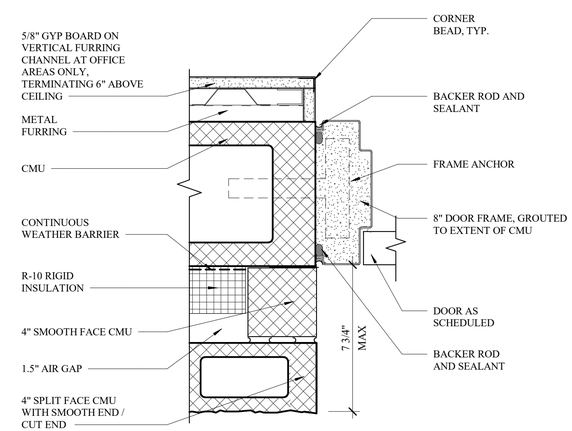

2 EXT DTL METAL PANEL DOOR JAMB HM
3" = 1'-0"



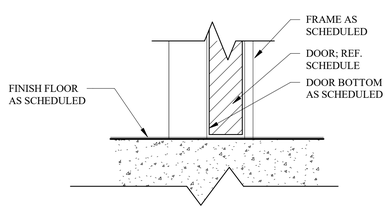

9 EXT DTL DOOR SILL
3" = 1'-0"




6 EXT DTL CMU DOOR JAMB SF
3" = 1'-0"




3 EXT DTL CMU DOOR JAMB HM
3" = 1'-0"




10 INT DTL DOOR SILL
3" = 1'-0"

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

19JUL21

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026|Permit Issue No:00000|AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | |
|---|---|---|---|---|
| DRAWN BY: ON | | | | |
| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME:L13189.026-AE-5-09.dwg | | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: 3" = 1'-0" | No. | Date | Description | By |

KEY MAP

SECTOR J3

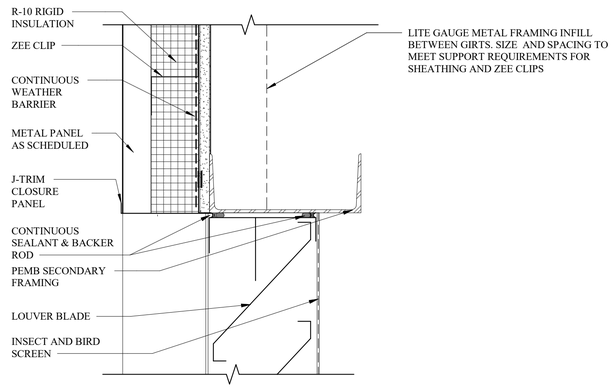
DRAWING DESCRIPTION:

**DOOR DETAILS**

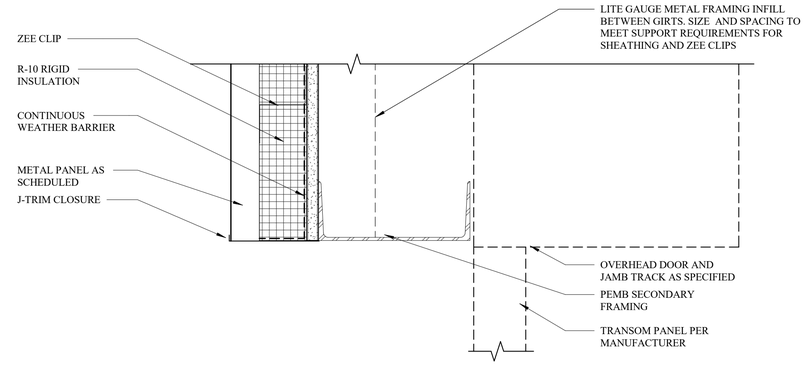
SHEET NO.

**AE-5-09**

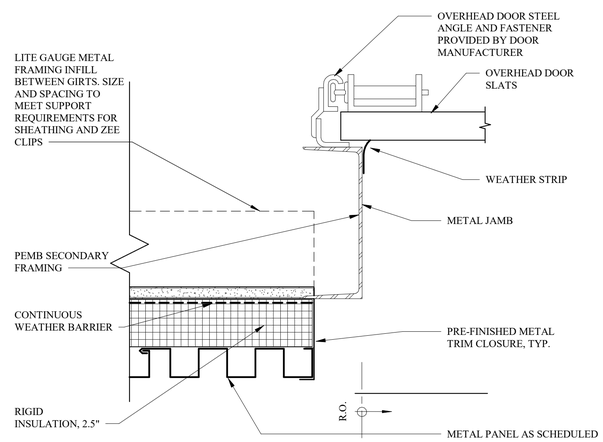
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



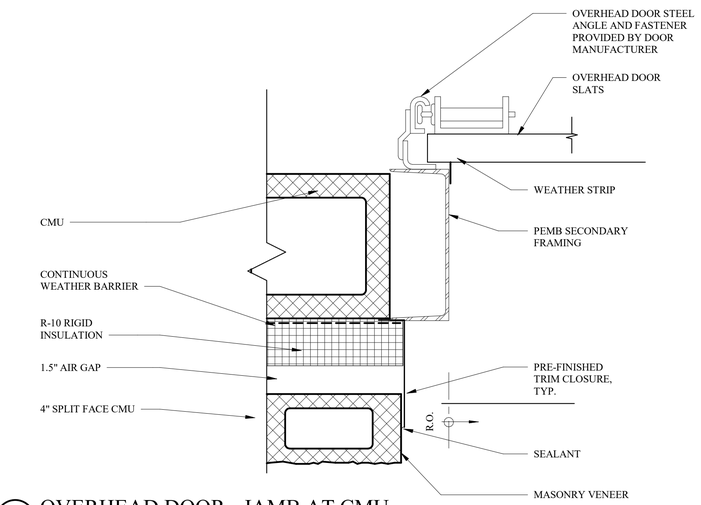

1 LOUVER HEAD DETAIL @ METAL PANEL
3" = 1'-0"



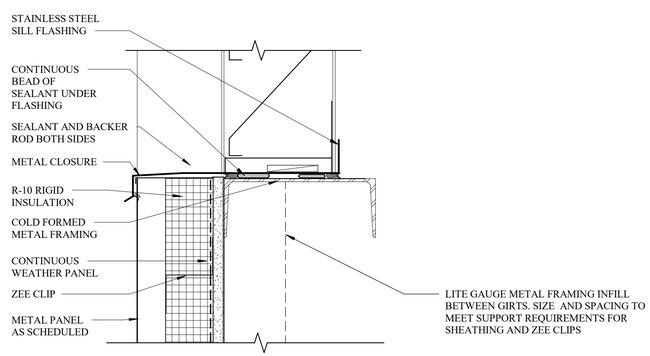

2 OVERHEAD DOOR HEAD
3" = 1'-0"



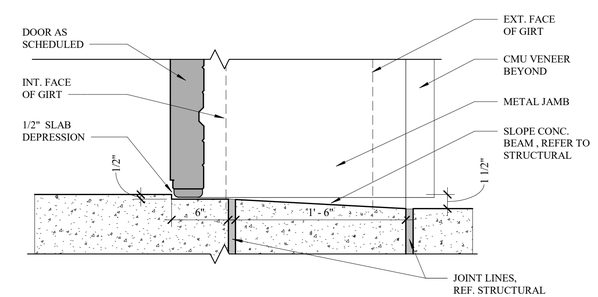

3 OVERHEAD DOOR - JAMB AT METAL PANEL
3" = 1'-0"




4 OVERHEAD DOOR - JAMB AT CMU
3" = 1'-0"




5 LOUVER SILL DETAIL @ METAL PANEL
3" = 1'-0"




6 DOOR SILL AT COILING DOOR
1 1/2" = 1'-0"

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

19JUL21

ATKINS
11801 Domain Blvd., Suite 500 -
Austin TX 78758 - (512) 327-6840

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026|Permit Issue No.:00000|AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | ON | | | | |
| CHECKED BY: | BH | | | | |
| COORD. CHECK: | TT / KP | | | | |
| FILE NAME: | L13189.026-AE-5-10.dwg | | | | |
| DATE: | 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: | As indicated | No. | Date | Description | By |

KEY MAP SECTOR J3

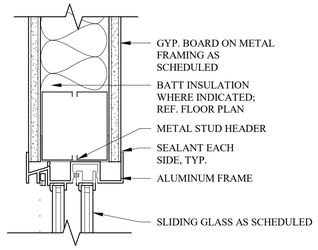
DRAWING DESCRIPTION:

**DOOR AND LOUVER DETAILS**

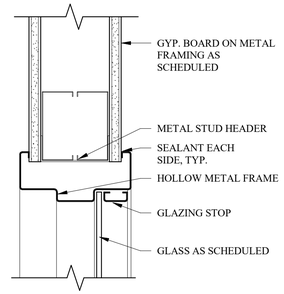
SHEET NO.

**AE-5-10** 1

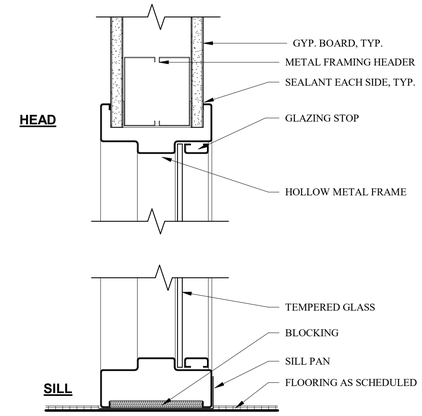
DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



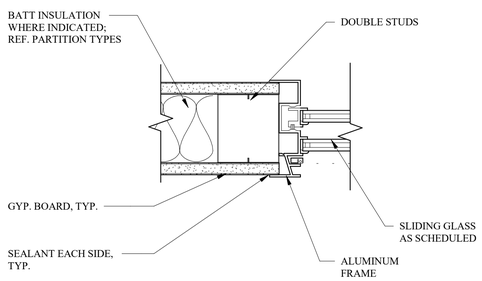

7 INT DTL SLIDING WINDOW HEAD AND SILL
3" = 1'-0"



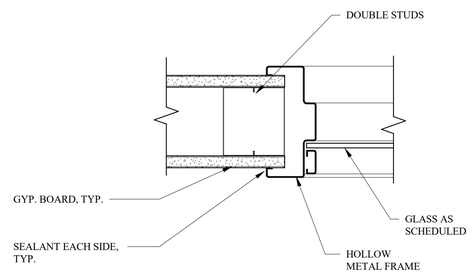

4 INT DTL FIXED WINDOW HEAD AND SILL
3" = 1'-0"



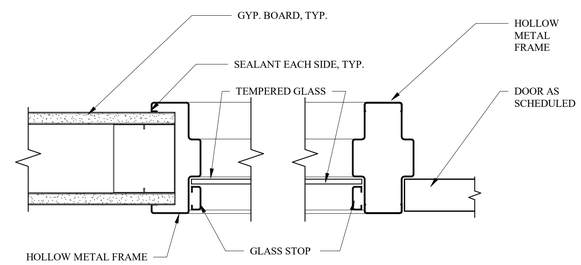

1 INT DTL DOOR SIDE WINDOW HEAD AND SILL
3" = 1'-0"



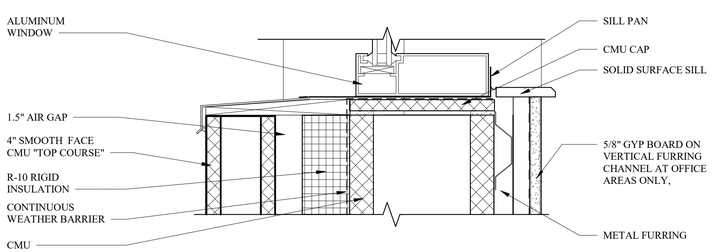

8 INT DOOR SLIDING WINDOW JAMB
3" = 1'-0"



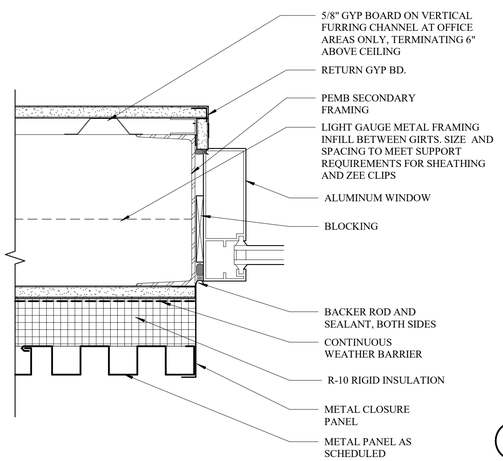

5 INT DOOR FIXED WINDOW JAMB
3" = 1'-0"



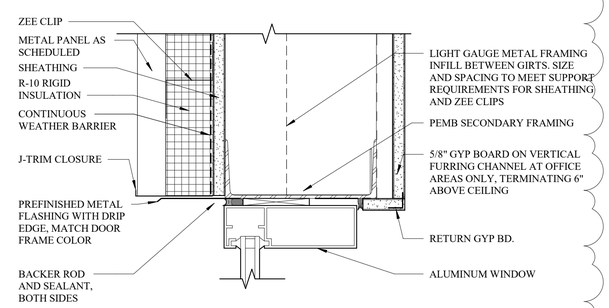

2 INT DTL DOOR SIDE WINDOW JAMB
3" = 1'-0"




9 WINDOW DETAILS
3" = 1'-0"




6 EXT DTL METAL PANEL WINDOW JAMB
3" = 1'-0"




3 EXT DTL METAL PANEL WINDOW HEAD
3" = 1'-0"

1

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ABIA Project No:L13189.026|Permit Issue No:00000|AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | |
|---|---|---|---|---|
| DRAWN BY: ON | | | | |
| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME:L13189.026-AE-5-11.dwg | | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: 3" = 1'-0" | No. | Date | Description | By |

KEY MAP

SECTOR J3

DRAWING DESCRIPTION:

**WINDOW DETAILS**

SHEET NO.

**AE-5-11**

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711

## DOOR AND FRAME SCHEDULE

| | | DOOR SIZE | | DOOR | | FRAME | | DETAIL | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOOR NO. | LEAF TYPE | WIDTH | HEIGHT | MAT'L | STYLE | MAT'L | STYLE | HEAD | JAMB | SILL | EAC | HARD-WARE | COMMENTS |
| 101 | DBL | 6' - 0" | 7' - 0" | AL | GI | AL | SF-1 | 4/AE-5-09 | 5 & 6/AE-5-09 | 9/AE-5-09 | | 714A | AL ST |
| 102 | DBL | 6' - 0" | 7' - 0" | H | F1 | H | SD1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C214 | |
| 103 | DBL | 3' - 0" | 7' - 0" | AL | G | AL | SF-2 | 4/AE-5-09 | 5 & 6/AE-5-09 | 9/AE-5-09 | | 715A | AL ST |
| 104 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 7/AE-5-09 | 8/AE-5-09 | - | | 341 | |
| 106A | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 507 | |
| 106B | SGL | 3' - 0" | 7' - 0" | H | FG | H | S1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | Y | C207 | |
| 107 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 108 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 109 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 110 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 111 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 112 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 113 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 114 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 116 | SGL | 3' - 0" | 7' - 0" | W | F | H | SW1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 103 | |
| 117 | SGL | 3' - 0" | 7' - 0" | H | FG | H | S1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 501 | |
| 118 | DBL | 6' - 0" | 7' - 0" | AL | GI | AL | SF-1 | 4/AE-5-09 | 5 & 6/AE-5-09 | 9/AE-5-09 | | 714A | AL ST |
| 119A | DBL | 6' - 0" | 7' - 0" | H | SD1 | H | S2 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 800C1V | |
| 119B | DBL | 6' - 0" | 7' - 0" | H | SD1 | H | S2 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 800S1V | |
| 119C | SGL | 3' - 0" | 7' - 7" | ST | - (1) | ST | - | | | | Y | C001 | SECURITY GATE |
| 119D | DBL | 7' - 10" | 7' - 7" | ST | - | ST | - | | | | Y | C001 | SECURITY TURNSTILE (OFCI) |
| 120 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 7/AE-5-09 | 8/AE-5-09 | - | | 801 | |
| 121 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 7/AE-5-09 | 8/AE-5-09 | - | | 801 | |
| 122 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 7/AE-5-09 | 8/AE-5-09 | 10/AE-5-09 | | 203 | |
| 123 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 7/AE-5-09 | 8/AE-5-09 | - | | 203 | |
| 124 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | | D725 | |
| 125 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C205 | |
| 126 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C205 | |
| 127 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C715 | |
| 128 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C715 | |
| 130 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 7/AE-5-09 | 8/AE-5-09 | - | | 203 | |
| 131 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 7/AE-5-09 | 8/AE-5-09 | - | | 801 | |
| 132 | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 7/AE-5-09 | 8/AE-5-09 | - | | 801 | |
| 150A | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C715 | |
| 150B | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C715 | |
| 150C | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C715 | |
| 150D | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C715 | |
| 150E | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | X735 | |
| 150F | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | X735 | |
| 150G | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | X735 | |
| 151A | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | C715 | |
| 151B | SGL | 3' - 0" | 7' - 0" | H | F | H | S1 | 1/AE-5-09 | 1 & 2/AE-5-09 | 9/AE-5-09 | Y | X735 | |
| OC01 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC02 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC03 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC04 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC05 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC06 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC07 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC08 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC09 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OC10 | OC | 16' - 0" | 14' - 0" | METAL | OCD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | Y | C001 | RTS |
| OS01 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS02 | OS | 9' - 7" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS03 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS04 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS05 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS06 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS07 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS08 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS09 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS10 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS11 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS12 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS13 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS14 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS15 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS16 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS17 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |

## DOOR AND FRAME SCHEDULE

| | | DOOR SIZE | | DOOR | | FRAME | | DETAIL | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOOR NO. | LEAF TYPE | WIDTH | HEIGHT | MAT'L | STYLE | MAT'L | STYLE | HEAD | JAMB | SILL | EAC | HARD-WARE | COMMENTS |
| OS18 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS19 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS20 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS21 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS22 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS23 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS24 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS25 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS26 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS27 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS28 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS29 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS30 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS31 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS32 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS33 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS34 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS35 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |
| OS36 | OS | 8' - 0" | 9' - 0" | METAL | OSD | NA | NA | 1/AE-5-10 | 2 & 4/AE-5-10 | 3/AE-5-10 | N | C001 | RTS |

## ABBREVIATION LEGEND

1. AL — ALUMINUM
2. AL ST — ALUMINUM STOREFRONT
3. DBL — DOUBLE (LEAF DOOR)
4. EAC — ELECTRONIC ACCESS CONTROL
5. H — HOLLOW METAL
6. OC — OVERHEAD COILING
7. OS — OVERHEAD SECTIONAL
8. RTS — REFER TO SPECIFICATIONS
9. SGL — SINGLE (LEAF DOOR)
10. ST — STEEL
11. W — WOOD

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09SEP21

ATKINS
11801 Domain Blvd., Suite 500 - Austin TX 78758 - (512) 327-6840

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| DRAWN BY: ON | | | | |
| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME: L13189.026-AE-6-01.dwg | | | | |
| DATE: 02AUG21 | 1 | 9/9/21 | Addendum 6 | |
| SCALE: | No. | Date | Description | By |

KEY MAP — SECTOR J3

DRAWING DESCRIPTION:

**DOOR SCHEDULE**

SHEET NO.

**AE-6-01**

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711

# FINISH LEGEND

ALL COLOR SECTIONS TO BE FROM MANUFACTURER'S STANDARD SELECTIONS.

**PAINT**

PT-1 SHERWIN WILLIAMS ELLIE GRAY SW7650 EGGSHELL FINISH
PT-1* SHERWIN WILLIAMS ELLIE GRAY SW7650 SEMIGLOSS FINISH
PT-2 SHERWIN WILLIAMS CITYSCAPE SW7067 SEMIGLOSS FINISH
(PT-2, HOLLOW METAL DOORS AND FRAMES, INTERIOR & EXTERIOR)
PT-3 SHERWIN WILLIAMS HIGH REFLECTIVE WHITE SW7757 SEMIGLOSS FINISH

**CARPET**

CPT-1 CARPET
MANUFACTURER: SHAW
STYLE: BLOG BROADLOOM
COLOR: GRANITE 25500
GAUGE & STICHES:
YARN SYSTEM:
INSTALLATION:
BACKING:
SIZE:

**CONCRETE**

SC-1 CONCRETE FLOOR SLAB, FINISH WITH LIGHT SEAL.
REFER TO SPECIFICATIONS

**TILE**

T-1 CERAMIC TILE
MANUFACTURER: DAL TILE
STYLE: HAUT MONDE
COLOR: HM03 GLITTERATI GRANITE
SIZE: 12x24
INSTALLATION: STACK BOND

T-2 CERAMIC TILE
MANUFACTURER: DAL TILE
STYLE: HAUT MONDE
COLOR: HM05 ELITE GREY
SIZE: 12x12
INSTALLATION: STACK BOND

**TOILET PARTITIONS**

TP MANUFACTURER: REFER TO SPECIFICATIONS
STYLE: REFER TO SPECIFICATIONS
COLOR: TBD

**VINYL PLANK**

VP-1 VINYL PLANK FLOORING
MANUFACTURER: MOHAWK
STYLE: LINEATE
COLOR: CORD 957
SIZE: 9"x59" PLANK

**BASE**

B-1 4" COVE RUBBER BASE
MANUFACTURER: TARKETT
COLOR: 23 VAPOR GREY

**CEILINGS**

ACT 2'x2' ACOUSTICAL CEILING TILE
MANUFACTURER: ARMSTRONG
STYLE:
COLOR: WHITE
SUSPENSION:

GYP

**PLASTIC LAMINATE**

PL-1 LOCATION: EXPOSED SURFACES OF BASE CABINETS
MANUFACTURER: FORMICA
COLOR: 7197 DOVER WHITE

PL-2 LOCATION: EXPOSED SURFACES OF UPPER CABINETS
MANUFACTURER: FORMICA
COLOR: 7197 DOVER WHITE

PL-3 LOCATION: INTERIOR SURFACES OF CABINETS
MANUFACTURER: FORMICA
COLOR: 7197 DOVER WHITE

**SOLID SURFACE**

SS-1 MANUFACTURE: CORIAN
COLOR: SILVER BIRCH
THICKNESS: SEE DETAILS
EDGE PROFILE: SEE DETAILS

**WINDOW COVERING**

WC-1 ROLL-UP SHADES
MANUFACTURER: TBD
MATERIAL: FIBERGLASS/VINYL ON FIBERGLASS, RIBBED WEAVE
COLOR: TBD
MOUNTING: INSIDE (BETWEEN JAMBS)
OPERATION: MANUAL

PROVIDE AT ALL EXTERIOR WINDOWS

**SPECIALTY FINISHES**

FRP-1 FIBERGLASS REINFORCED PLASTIC (FRP) PANELS
MANUFACTURER: NUDO FIBERLITE
STYLE: EMBOSSED/PEBBLE
SIZE: PER PLAN
FINISH: STANDARD WHITE

## EXTERIOR FINISHES & COLOR

MP1A - METAL PANEL TYPE 1, COLOR A (SHASTA WHITE, TYP)

MP2A - METAL PANEL TYPE 2, COLOR A (SHASTA WHITE)
MP2B - METAL PANEL TYPE 2, COLOR B (BRISTOL BLUE)
MP2C - METAL PANEL TYPE 2, COLOR C (ROYAL BLUE)
MP2D - METAL PANEL TYPE 2, COLOR D (CITYSCAPE GREY)

METAL ACCENT TRIM (SEE EXTERIOR ELEVATION) - SHASTA WHITE

GUTTER - CITYSCAPE GREY

DOWNSPOUT - CITYSCAPE GREY

ROOF PANELS & ROOF TRIM - CITYSCAPE GREY

LOUVER COLOR - MATCH METAL PANEL COLOR OR PT-2*

CMU COLOR - COLOR 1 FOR SPLIT FACE AND COLOR 2 FOR SMOOTH

NOTES:
1. ALL COLORS TO BE VERIFIED AND APPROVED BY ABIA.
2. COLORS FROM MANUFACTURER STANDARD SELECTIONS.

ROOM FINISH SCHEDULE

| Room No. | Name | Floor Finish | Base Finish | WALLS North | WALLS East | WALLS South | WALLS West | Ceiling Finish | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 101 | SOUTH ENTRY | VP-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 102 | F.R. | SC-1 | - | PT-3 | PT-3 | PT-3 | PT-3 | EXPOSED | |
| 103 | DRIVER LOUNGE | VP-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | PROVIDE 60" H. FRP-1 BEHIND WATER FOUNTAIN |
| 104 | R.R. | T-1 | T-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | GYP/PT-1* | |
| 105 | CORRIDOR 1 | VP-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 106 | OPEN OFFICE | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 107 | OFFICE 4 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 108 | OFFICE 3 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 109 | OFFICE 2 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 110 | OFFICE 1 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 111 | OFFICE 5 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 112 | OFFICE 6 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 113 | OFFICE 7 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 114 | OFFICE 8 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 116 | OFFICE 9 | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 117 | TRAINING | CPT-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 118 | EAST ENTRY | VP-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 119 | HALLWAY 1 | VP-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | GYP/PT-1 | |
| 120 | WOMEN | T-1 | T-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | GYP/PT-1* | |
| 121 | MEN | T-1 | T-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | GYP/PT-1* | |
| 122 | STORAGE | VP-1 | B-1 | PT-3 | PT-3 | PT-3 | PT-3 | ACT | |
| 123 | JAN. 1 | T-1 | T-1 | PT-3/FRP-1 | PT-3/FRP-1 | PT-3/FRP-1 | PT-3/FRP-1 | GYP/PT-3* | FRP TO BE 60" HIGH |
| 124 | BREAK ROOM | VP-1 | B-1 | PT-1 | PT-1 | PT-1 | PT-1 | ACT | |
| 125 | MECH. ROOM | SC-1 | - | PT-3 | PT-3 | PT-3 | PT-3 | EXPOSED | |
| 126 | COMM. | SC-1 | - | PT-3 | PT-3 | PT-3 | PT-3 | EXPOSED | |
| 127 | ELEC. 1 | SC-1 | - | PT-3 | PT-3 | PT-3 | PT-3 | EXPOSED | |
| 128 | ELEC. 2 | SC-1 | - | PT-3 | PT-3 | PT-3 | PT-3 | EXPOSED | |
| 129 | HALLWAY 2 | SC-1 | B-1 | PT-1 | PT-1 | PT-1/FRP-1 | PT-1 | GYP/PT-1 | FRP TO BE 60" HIGH |
| 130 | JAN. 2 | T-1 | T-1 | PT-3/FRP-1 | PT-3/FRP-1 | PT-3/FRP-1 | PT-3/FRP-1 | GYP/PT-3* | FRP TO BE 60" HIGH |
| 131 | WOMEN | T-1 | T-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | GYP/PT-1* | |
| 131 | CAGE 1 | SC-1 | - | NA | NA | NA | NA | NA | |
| 132 | MEN | T-1 | T-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | T-2/PT-1 | GYP/PT-1* | |
| 133 | CAGE 2 | SC-1 | - | NA | NA | NA | NA | NA | |
| 134 | CAGE 3 | SC-1 | - | NA | NA | NA | NA | NA | |
| 150 | TRANSFER SPACE | SC-1 | - | PT-3 | PT-3 | PT-3 | PT-3 | EXPOSED PT-3 | |
| 151 | LEASE AREA | SC-1 | - | EXPOSED | EXPOSED | EXPOSED | EXPOSED | EXPOSED | |

NOTE: ALL COLORS TO BE VERIFIED AND APPROVED BY ABIA.

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

REGISTERED ARCHITECT THINH QUOC TED TRAN 20944 STATE OF TEXAS

09SEP21

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C-Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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|---|---|---|---|---|
| DRAWN BY: ON | | | | |
| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
| FILE NAME:L13189.026-AE-6-03.dwg | | | | |
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| SCALE: | No. | Date | Description | By |

KEY MAP SECTOR J3

DRAWING DESCRIPTION:

**FINISH LEGEND, ROOM FINISH SCHEDULE**

SHEET NO.

**AE-6-03**

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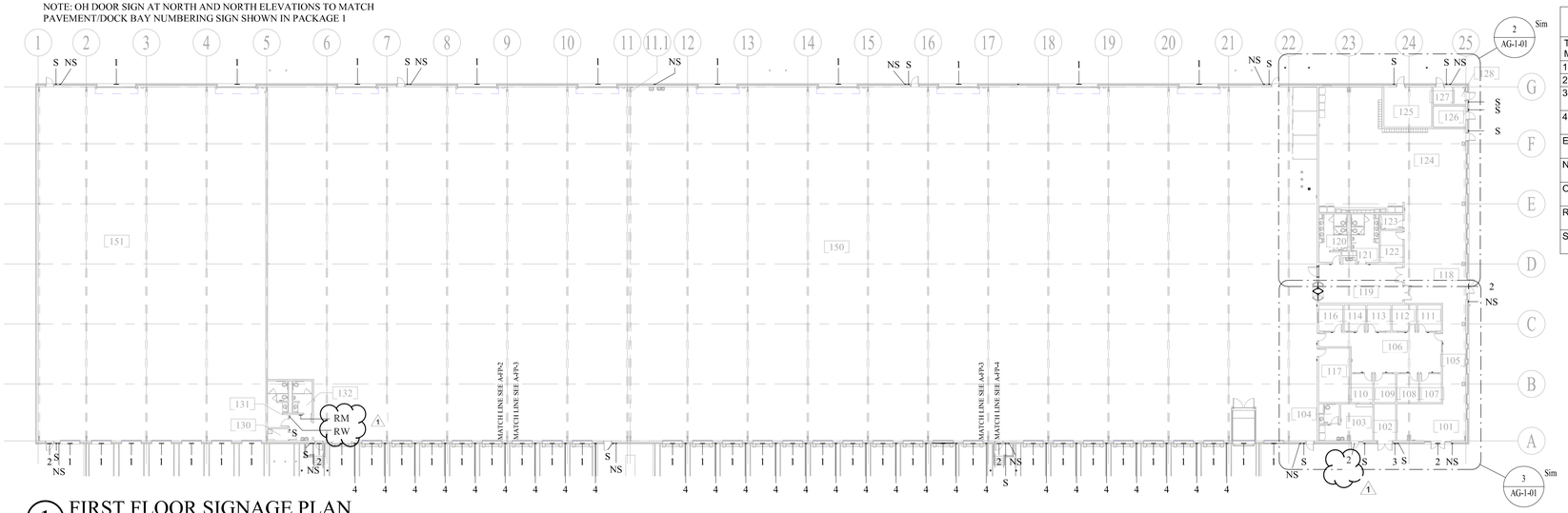
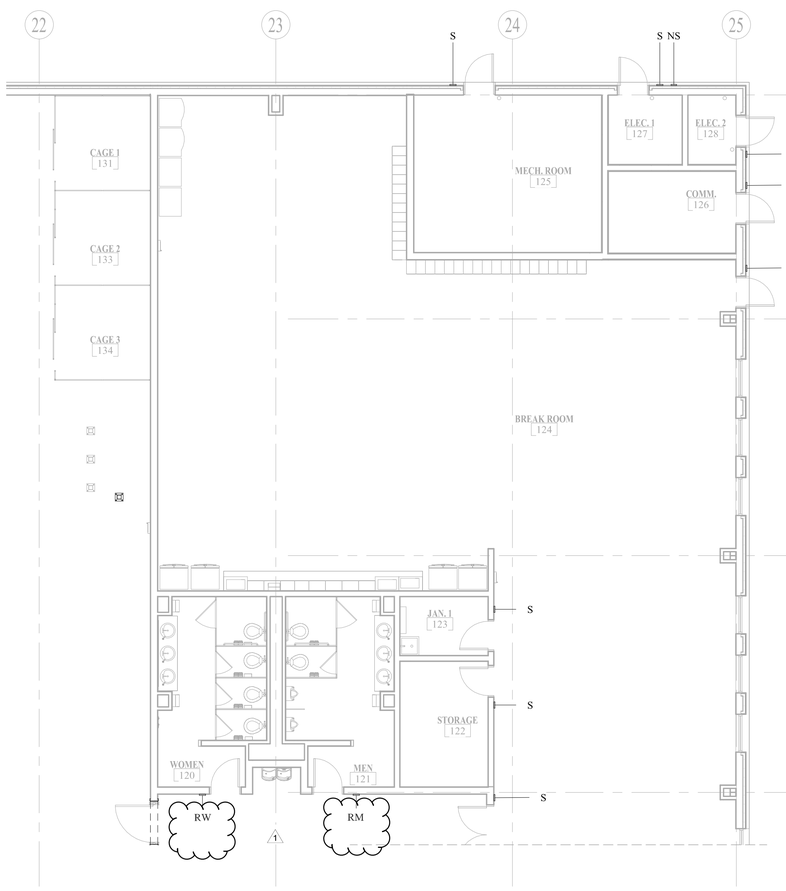
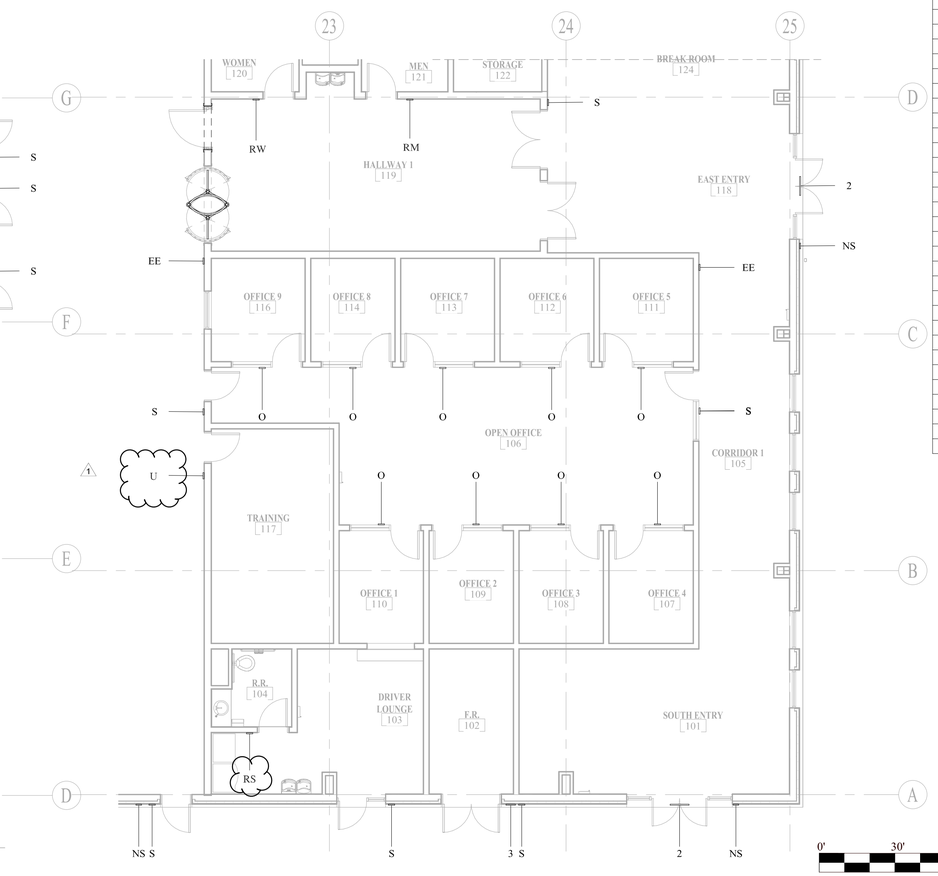
NOTE: OH DOOR SIGN AT NORTH AND NORTH ELEVATIONS TO MATCH PAVEMENT/DOCK BAY NUMBERING SIGN SHOWN IN PACKAGE 1




1 FIRST FLOOR SIGNAGE PLAN
1" = 30'-0"




2 SIGNAGE PLAN - OFFICES AREA -1
1/8" = 1'-0"




3 SIGNAGE PLAN - OFFICES AREA -2
1/8" = 1'-0"

## SIGNAGE SCHEDULE / LEGEND

| Type Mark | Description | Mounting Location |
|---|---|---|
| 1 | BAY NUMBER SIGN | CENTER ABOVE DOOR |
| 2 | TENANT ID SIGN | CENTER ABOVE DOOR |
| 3 | FIRE RISER ROOM SIGN | REFER TO MOUNTING / ACCESSIBILITY DETAILS |
| 4 | BAY NUMBER (REVERESED) SIGN | REFER TO ELEVATIONS |
| EE | EMERGENCY EVACUATION | REFER TO MOUNTING / ACCESSIBILITY DETAILS |
| NS | NO SMOKING SIGN | REFER TO MOUNTING / ACCESSIBILITY DETAILS |
| O | ROOM SIGN | REFER TO MOUNTING / ACCESSIBILITY DETAILS |
| R | RESTROOM SIGN | REFER TO MOUNTING / ACCESSIBILITY DETAILS |
| S | ROOM SIGN | REFER TO MOUNTING / ACCESSIBILITY DETAILS |

## ROOM SIGNAGE...

| Room Number | Room Name |
|---|---|
| 101 | SOUTH ENTRY |
| 102 | FIRE RISER ROOM |
| 103 | DRIVER LOUNGE |
| 104 | RESTROOM |
| 105 | - |
| 106 | ADMINISTRATION |
| 107 | OFFICE |
| 108 | OFFICE |
| 109 | OFFICE |
| 110 | OFFICE |
| 111 | OFFICE |
| 112 | OFFICE |
| 113 | OFFICE |
| 114 | OFFICE |
| 116 | OFFICE |
| 117 | TRAINING |
| 118 | EAST ENTRY |
| 119 | - |
| 120 | WOMEN |
| 121 | MEN |
| 122 | STORAGE |
| 123 | JANITOR |
| 124 | BREAK ROOM |
| 125 | MECHANICAL ROOM |
| 126 | COMMUNICATIONS |
| 127 | ELECTRICAL |
| 128 | ELECTRICAL |
| 129 | - |
| 130 | JANITOR |
| 131 | WOMEN |
| 131 | - |
| 132 | MEN |
| 133 | - |
| 134 | - |
| 150 | - |
| 151 | - |

PLAN NORTH

0' 30' 60' 90' 120'
SCALE: 1"=30'

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REGISTERED ARCHITECT TRINH QUOC TRAN 20947 STATE OF TEXAS

09/09/2021

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026|Permit Issue No.:00000|AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | |
|---|---|---|---|---|
| DRAWN BY: | ON | | | |
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| COORD. CHECK: | TT / KP | | | |
| FILE NAME: | L13189.026-AG-1-01.dwg | | | |
| DATE: | 02AUG21 | 1 | 9/9/21 | ADDENDUM 1 |
| SCALE: | As indicated | No. | Date | Description |

KEY MAP — A B C — SECTOR J3

DRAWING DESCRIPTION:

## SIGNAGE PLAN AND DETAILS

SHEET NO.

AG-1-01

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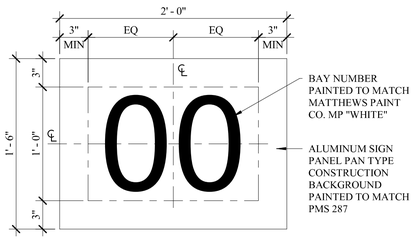
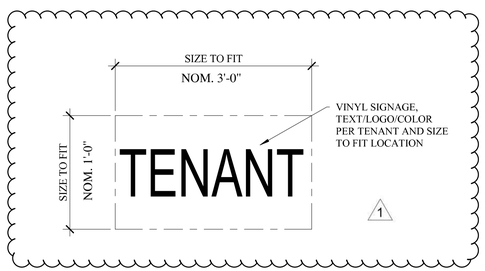
1 TYPE NS (SMOKING POLICY SIGNAGE)
3" = 1'-0"

2 NOT USED
3" = 1'-0"

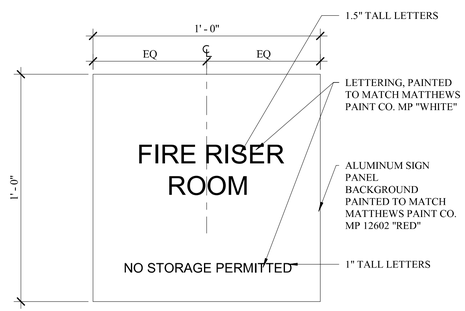
3 POSSESSION OF FIREARMS SIGNAGE
3" = 1'-0"



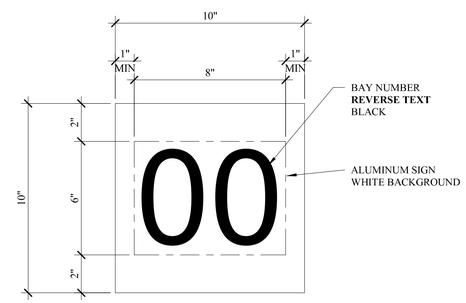

4 TYPE 1 (BAY NUMBER)
1 1/2" = 1'-0"



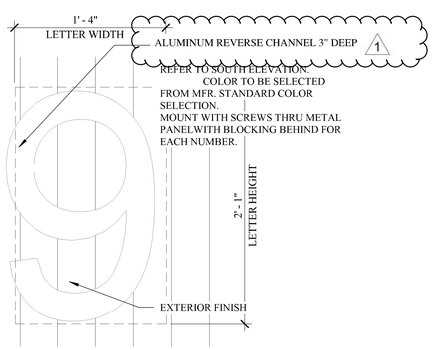

5 TYPE 2 (TENANT ID)
1 1/2" = 1'-0"




6 TYPE 3 - FIRE RISER ROOM
3" = 1'-0"




7 TYPE 4 (BAY NUMBER)
3" = 1'-0"




8 BUILDING ADDRESS NUMBER
1 1/2" = 1'-0"

**GENERAL SIGNAGE NOTES:**

1. EXTERIOR SIGNS SHALL MEET STANDARDS SET FORTH IN THE ABIA EXTERIOR WAYFINDING STANDARDS BEST PRACTICES MANUAL, FEBRUARY 2013.
2. SIGN MATERIAL REFLECTIVITY SHALL BE IN ACCORDANCE WITH TXDOT STANDARD SPECIFICATION SECTION ITEM 636 - SIGNS.
3. SIGN WORD AND DECAL REFLECTIVITY SHALL BE IN ACCORDANCE WITH TXDOT STANDARD SPECIFICATION SECTION ITEM 643 - SIGN IDENTIFICATION DECALS.
4. FONT SHALL BE FUTURA BT MEDIUM.
5. SEE ELEVATIONS FOR EXTERIOR SIGNAGE LOCATION.
6. COORDINATE WITH OWNER FOR FINAL LOCATIONS AND ALL SIGN TEXT PRIOR TO FABRICATION AND INSTALLATION.
7. CONTRACTOR TO CONFIRM THAT FIREARMS SIGNS COMPLY WITH STATE AND FEDERAL LAWS.
8. ADEQUATE BLOCKING SHALL BE PROVIDED TO SUPPORT AND ATTACH EACH SIGN TYPE TO THE EXTERIOR. ALL THRU EXTERIOR FINISH CONNECTIONS SHALL BE SEALED TO PREVENT WATER INFILTRATION.
9. REFER TO SHEET AE-5-08 FOR INTERIOR SIGNAGE AT OVERHEAD SECTIONAL AND COILING DOORS (OSD AND OCD).

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| COORD. CHECK: | TT / KP | | | | |
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KEY MAP SECTOR J3

DRAWING DESCRIPTION:

**EXTERIOR SIGNAGE DETAILS**

SHEET NO.

**AG-5-01**

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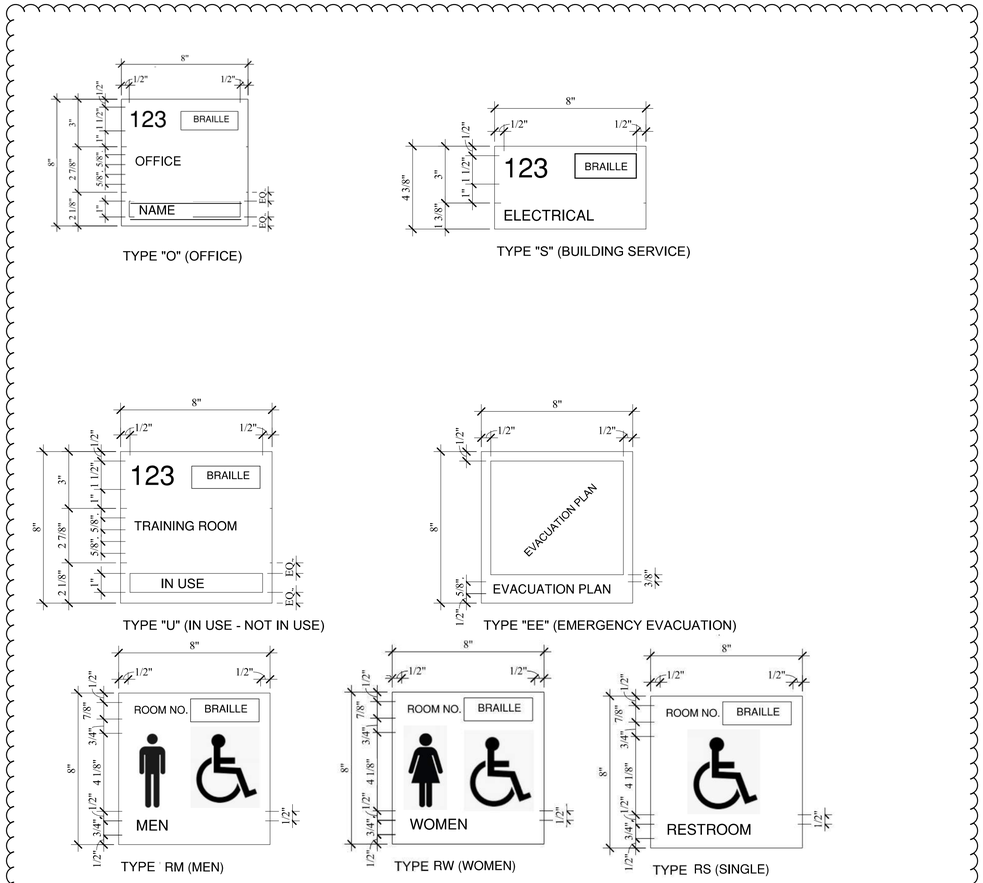
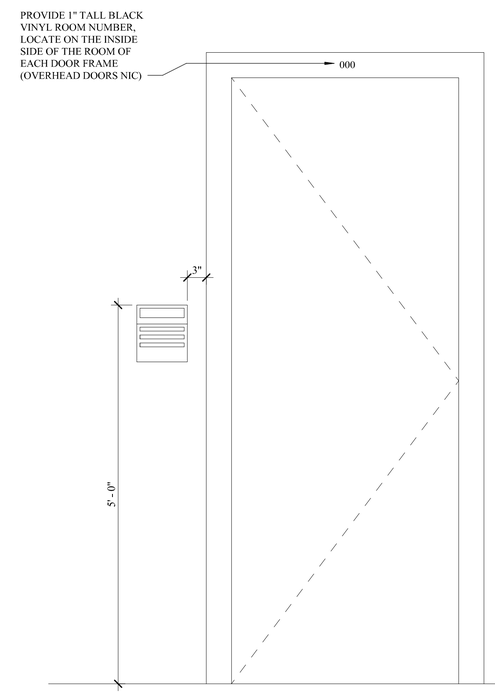



1 ROOM SIGN TYPES
3" = 1'-0"




2 SIGN PLACEMENT
1" = 1'-0"

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Austin-Bergstrom International Airport

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| COORD. CHECK: | TT / KP | | | | |
| FILE NAME: | L13189.026-AG-5-02.dwg | | | | |
| DATE: | 02AUG21 | 1 | 9/9/21 | ADDENDUM 6 | |
| SCALE: | As indicated | No. | Date | Description | By |

KEY MAP

SECTOR J3

DRAWING DESCRIPTION:

**SIGNAGE DETAILS**

SHEET NO.

**AG-5-02**

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711

# LIGHTING CONTROL SCHEDULE

| Space Type | | Occupancy Sensor | | | | Time Clock | | | Wall Switch | | | OTHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zone | Room Name | Vacancy Mode | Occupancy Mode | Sensor Timeout Period (Minutes) | Dual Technology | Schedule On At | Schedule Off At | Schedule Overide Switch | Manual (On/Off) | Manual Dimming | Scene Control | Notes |
| 01 | 125 MECH. ROOM | No | No | - | No | - | - | No | Yes | No | No | 4 |
| 02 | 127 ELEC. 1 | No | No | - | No | - | - | No | Yes | No | No | 4 |
| 03 | 128 ELEC. 2 | No | No | - | No | - | - | No | Yes | No | No | 4 |
| 04 | 126 COMM. | No | No | - | No | - | - | No | Yes | No | No | 4 |
| 05 | 124 BREAK ROOM | Yes | No | 15 | Yes | - | - | No | Yes | No | Yes | 1,6 |
| 06 | 123 JAN. 1 | Yes | No | 15 | Yes | - | - | No | Yes | No | Yes | 1,6 |
| 07 | 122 STORAGE | No | Yes | 15 | Yes | - | - | No | Yes | No | Yes | 2,6 |
| 08 | 121 MEN | No | Yes | 30 | Yes | - | - | No | Yes | No | Yes | 2,7,10 |
| 09 | 120 WOMEN | No | Yes | 30 | Yes | - | - | No | Yes | No | Yes | 2,7,10 |
| 10 | 119 HALLWAY 1 | No | Yes | 30 | Yes | - | - | No | Yes | No | Yes | 6,9 |
| 11 | 105 CORRIDOR 1 | No | Yes | 30 | Yes | - | - | No | Yes | No | Yes | 6,9 |
| 12 | 106 OPEN OFFICE | Yes | No | 30 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 13 | 116 OFFICE 9 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 14 | 114 OFFICE 8 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 15 | 113 OFFICE 7 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 16 | 112 OFFICE 6 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 17 | 111 OFFICE 5 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 18 | 107 OFFICE 4 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 19 | 108 OFFICE 3 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 20 | 109 OFFICE 2 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 21 | 110 OFFICE 1 | Yes | No | 15 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 22 | 117 TRAINING | Yes | No | 30 | Yes | - | - | No | Yes | Yes | Yes | 1,5 |
| 23 | 104 R.R. | No | Yes | 30 | Yes | - | - | No | Yes | No | Yes | 2,7,10 |
| 24 | 103 DRIVER LOUNGE | Yes | No | 15 | Yes | - | - | No | Yes | No | Yes | 1,6 |
| 25 | 102 F.R. | No | No | - | No | - | - | No | Yes | No | No | 4 |
| 26a | 150 TRANSFER SPACE | No | Yes | 10 | Yes | - | - | No | Yes | No | Yes | 6,9 |
| 26b | 150 TRANSFER SPACE | No | Yes | 10 | Yes | - | - | No | Yes | No | Yes | 6,9 |
| 26c | 150 TRANSFER SPACE | No | Yes | 10 | Yes | - | - | No | Yes | No | Yes | 6,9 |
| 27 | 151 LEASE AREA | Yes | No | 30 | Yes | - | - | No | Yes | No | Yes | 1,6 |
| 28 | 132 MEN R.R. | No | Yes | 30 | Yes | - | - | No | Yes | No | Yes | 2,7,10 |
| 29 | 131 WOMEN R.R. | No | Yes | 30 | Yes | - | - | No | Yes | No | Yes | 2,7,10 |
| 30 | 130 JAN. 2 | Yes | No | 15 | Yes | - | - | No | Yes | No | Yes | 1,6 |
| E01 | POLE LIGHTING TARMAC | No | No | - | No | DUSK | DAWN | No | No | No | No | 8 |
| E02 | POLE LIGHTING DOCKS | No | No | - | No | DUSK | DAWN | No | No | No | No | 8 |
| E03 | BUILDING LIGHTING NORTH-WEST | No | No | - | No | DUSK | DAWN | No | No | No | No | 8 |
| E04 | BUILDING LIGHTING SOUTH-EAST | No | No | - | No | DUSK | DAWN | No | No | No | No | 8 |
| E05 | EMPLOYEE PARKING LOT | No | No | - | No | DUSK | DAWN | No | No | No | No | 8 |
| E06 | EXTERIOR BUILDING SIGNAGE | No | No | - | No | DUSK | DAWN | No | No | No | No | 8,11 |
| E07 | BUILDING FACADE LIGHTING EAST | No | No | - | No | DUSK | DAWN | No | No | No | No | 3,8 |
| E08 | RED OBSTRUCTION LIGHTS-TARMAC POLE LIGHTING | No | No | - | No | DUSK | DAWN | No | No | No | No | 8,11 |

Notes:
1. Lights shall manually turn 'On' at 50% then 100% and turn 'Off' when the space is vacant.
2. Lights shall automatically turn 'On' at 100%, dim to 30% when unoccupied, and turn 'Off' after 30 minutes of additional vacancy.
3. Schedule lighting 'Off' between Midnight and 6am.
4. Manual Control Only: User can toggle between 'On' and 'Off'.
5. User can select Scenes 1-2 + 'Off' with Raise/Lower. User can toggle between 'On' and 'Off' with Raise/Lower.
6. User can select Scene 1 + 'On' and 'Off'.
7. User can select Scene 1 + 'On'. No manual 'Off'.
8. Connect to Intelligent Astronomical Time clock controls with Photocell and locate in Room 128 ELEC. 2. for Dusk to Dawn operation. Reference IECC 2015 Section C405.2.5 Exterior Lighting Controls for additional information.
9. Lights shall automatically turn 'On' at 100%, dim to 50% when unoccupied and dim to 30% after 30 minutes of additional vacancy.
10. Provide auxiliary contacts on occupancy sensors in room for control of HVAC equipment when occupancy is detected. See Mechanical Control sheets for more information.
11. Provide for 120V power connection for Lighting Zone.

# LIGHTING FIXTURE SCHEDULE

| MARK | MANUFACTURER | MODEL | LAMPING VOLTAGE | LAMPING QTY | LAMPING WATTAGE | LAMPING TYPE | TEMP | MOUNTING | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| A1 | AXIS LIGHTING | ELSC AR 500 80 35 CLS S(LENGTH) W UNV DP 1 DF NA EXTB(LENGTH) | 277 V | 1 | 21 W | LED | 3500 | SURFACE CORNER | HORIZONTAL WALL MOUNT |
| A1E | AXIS LIGHTING | ELSC AR 500 80 35 CLS S(LENGTH) W UNV DP 1 DF NA EXTB(LENGTH) | 277 V | 1 | 21 W | LED | 3500 | SURFACE CORNER | HORIZONTAL WALL MOUNT WITH INTEGRAL EMERGENCY BATTERY PACK |
| A2 | LITHONIA | ELSC AR 500 80 35 CLS S(LENGTH) W UNV DP 1 DF NA EXTB(LENGTH) | 277 V | 1 | 21 W | LED | 3500 | SURFACE CORNER | HORIZONTAL WALL MOUNT |
| A3 | LITHONIA | ELSC AR 500 80 35 CLS S(LENGTH) W UNV DP 1 DF NA EXTB(LENGTH) | 277 V | 1 | 21 W | LED | 3500 | SURFACE CORNER | HORIZONTAL WALL MOUNT |
| B1 | LITHONIA | LBL4 3000LM 80CRI 35K MIN10 MVOLT MOUNTING | 277 V | 1 | 26 W | LED | 3500 | SUSPENDED | LOW PROFILE CURVED BASKET LED WRAP AROUND. |
| B1E | LITHONIA | LBL4 3000LM 80CRI 35K MIN10 MVOLT MOUNTING EL14L | 277 V | 1 | 26 W | LED | 3500 | SUSPENDED | SAME AS TYPE 'B1' FIXTURE EXCEPT WITH EMERGENCY BATTERY BACKUP |
| B2 | LITHONIA | LBL4 3000LM 80CRI 35K MIN10 MVOLT | 277 V | 1 | 26 W | LED | 3500 | SURFACE | LOW PROFILE CURVED BASKET LED WRAP AROUND. |
| B2E | LITHONIA | LBL4 3000LM 80CRI 35K MIN10 MVOLT EL14L | 277 V | 1 | 26 W | LED | 3500 | SURFACE | SAME AS TYPE 'B2' FIXTURE EXCEPT WITH EMERGENCY BATTERY BACKUP |
| C | LITHONIA | CLX L48 4000LM SEF FDL MVOLT GZ10 35K 80CRI | 277 V | 1 | 26 W | LED | 3500 | SUSPENDED | 4FT LINEAR |
| CE | LITHONIA | CLX L48 4000LM SEF FDL 277 GZ10 35K 80CRI PS1050 SPD | 277 V | 1 | 26 W | LED | 3500 | SUSPENDED | SAME AS TYPE 'C' FIXTURE EXCEPT WITH EMERGENCY BATTERY BACKUP |
| D | LITHONIA | 2BLT2 48L ADP EZ1 LP835 | 277 V | 1 | 43 W | LED | 3500 | RECESSED | 2X2 TROFFER |
| DE | LITHONIA | 2BLT2 48L ADP EZ1 LP835 EL14LSD | 277 V | 1 | 43 W | LED | 3500 | RECESSED | SAME AS TYPE 'D' FIXTURE EXCEPT WITH EMERGENCY BATTERY BACKUP |
| H | LITHONIA | IBG 24000LM SEF ACL GND MVOLT 35K 80CRI | 277 V | 1 | 144 W | LED | 3500 | SUSPENDED | LED HIGH BAY |
| HE | LITHONIA | IBG 24000LM SEF ACL GND MVOLT 35K 80CRI IE30WCPHE | 277 V | 1 | 144 W | LED | 3500 | SUSPENDED | SAME AS TYPE 'H' FIXTURE EXCEPT WITH EMERGENCY BATTERY BACKUP |
| L1 | LUMINII | PX-LENGTH-SR-Q40-SO-F-RM-FINISH-B-TYPE / CHANNEL: KRXLC-LENGTH-F-FINISH / DIMMING POWER SUPPLY:PSV-96-24-U2ND-D | 277 V | 1 | 96 W | LED ACCENT | 4000 | CHANNEL | LED LINEAR STRIP-24V, VERIFY FINISH AND TYPE WITH ARCHITECT. VERIFY LED COLOR WITH OWNER BEFORE ORDERING. FIELD VERIFY FIXTURE AND CHANNEL LENGTH BEFORE ORDERING. LOCATE POWER SUPPLY INSIDE BUILDING EXTERIOR WALL PLENUM SPACE ABOVE ACCESSIBLE CEILING. |
| L2 | LUMINII | LL48HEWET-T-LO-40K-SL65-SL65-LENGTH / CHANNEL: KRXLC-LENGTH-F-FINISH / DIMMING POWER SUPPLY:PSD-96-24-277 | 277 V | 1 | 96 W | LED WET TUBE | 4000 | CHANNEL | LED LINEAR STRIP-24V, VERIFY FINISH AND TYPE WITH ARCHITECT. VERIFY LED COLOR WITH OWNER BEFORE ORDERING. FIELD VERIFY FIXTURE AND CHANNEL LENGTH BEFORE ORDERING. LOCATE POWER SUPPLY INSIDE BUILDING EXTERIOR WALL PLENUM SPACE ABOVE ACCESSIBLE CEILING. |
| S52 | LITHONIA | DSX2 LED P7 40K T5M 480 - POLE: (LITHONIA RTS SERIES POLE MODEL# RTS 37' 9-0B T30 DM28AS | 480 V | 4 | 1592 W | LED | 4000 | POLE | 4@90 FOUR HEAD AREA LUMINAIRE |
| SFT | LITHONIA | DSX2 LED P7 40K TFTM MVOLT - POLE: LITHONIA SSS SERIES POLE MODEL# SSS QS 22' 4G DM19AS | 277 V | 1 | 398 W | LED | 4000 | POLE | SINGLE HEAD AREA LUMINAIRE |
| T3 | LITHONIA | DSX0 LED P4 40K T3W - POLE: LITHONIA SSS SERIES POLE MODEL# SSS QS 25' 4G DM19AS | 277 V | 1 | 92 W | LED | 4000 | POLE | SINGLE HEAD AREA LUMINAIRE |
| T4 | LITHONIA | DSX0 LED P4 40K T4W - POLE: LITHONIA SSS SERIES POLE MODEL# SSS QS 25' 4G DM19AS | 277 V | 1 | 92 W | LED | 4000 | POLE | SINGLE HEAD AREA LUMINAIRE |
| T5 | LITHONIA | DSX0 LED P4 40K T5W - POLE: LITHONIA SSS SERIES POLE MODEL# SSS QS 25' 4G DM19AS | 277 V | 1 | 184 W | LED | 4000 | POLE | 2@180 DUAL HEAD AREA LUMINAIRE |
| W1 | LITHONIA | DSX2 P7 40K TFTM MVOLT WBA DMG FINISH | 277 V | 1 | 398 W | LED | 4000 | WALL | AREA LUMINAIRE |
| W2 | LITHONIA | DSX2 P7 40K T2M MVOLT WBA DMG FINISH | 277 V | 1 | 398 W | LED | 4000 | WALL | AREA LUMINAIRE |
| W3E | LITHONIA | WDGE1 LED P1 40K 80CRI MVOLT E4WH FINISH | 277 V | 1 | 10 W | LED | 4000 | WALL | ARCHITECTURAL WALL SCONCE |
| W4 | LITHONIA | CSVT L48 AL03(5000LM) MVOLT SWW3(40K) 80CRI | 277 V | 1 | 42 W | LED | 4000 | SURFACE | 4FT VAPOR TIGHT STRIP LIGHT |
| X1 | LITHONIA | EXR LED EL M6 | 277 V | 1 | 1 W | LED | -- | VARIES | UNIVERSAL FIELD CONVERTIBLE EXIT SIGN WITH EMERGENCY BATTERY BACKUP. MOUNT AS INDICATED IN LIGHTING PLANS. |

NOTES:
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATION OF ALL FIXTURES.
- SEE ARCHITECTURAL ELEVATIONS AND/OR DETAILS FOR ALL LIGHT FIXTURE MOUNTING HEIGHTS FOR ALL WALL MOUNTED FIXTURES AND ABOVE FINISHED FLOOR HEIGHTS FOR ALL SUSPENDED OR PENDANT MOUNTED FIXTURES UNLESS NOTED OTHERWISE.
- PROVIDE REMOTE LED DRIVERS FOR FIXTURES LOCATED IN HARD CEILING. MOUNT LED DRIVER TO STRUCTURE ABOVE CEILING AS CLOSE TO LIGHT FIXTURE AS POSSIBLE IN AN EASILY ACCESSIBLE AREA.

# GENERAL NOTES - LIGHTING CONTROL SYSTEM

A. THE LIGHTING CONTROL SCHEDULE INDICATES THE TYPES OF LIGHTING CONTROL FUNCTIONALITY REQUIRED IN BUILDING ROOMS/SPACES. THE LIGHTING CONTROL SUPPLIER SHALL PROVIDE ALL REQUIRED COMPONENTS ASSOCIATED WIRING REQUIREMENTS FOR THEIR SPECIFIC LIGHTING CONTROL SYSTEM TO PROVIDE THE REQUIRED LIGHTING CONTROL FUNCTIONALITY FOR EACH ROOM/SPACE.

B. OCCUPANCY/VACANCY SENSORS SHALL BE CEILING MOUNTED, UNLESS SHOWN TO BE INTEGRAL WITH ROOM/SPACE WALL SWITCHES OR NOTED OTHERWISE. CEILING OCCUPANCY/VACANCY SENSOR LOCATIONS AND QUANTITIES SHALL BE AS REQUIRED TO SENSE OCCUPANCY IN 100% OF THE ROOM/SPACE.

C. WHERE OCCUPANCY/VACANCY SENSING IS REQUIRED FOR A SPACE, OCCUPANCY/VACANCY SENSING CONTROL SHALL BE PROVIDED FOR ALL LIGHT FIXTURES IN THE SPACE, UNLESS NOTED OTHERWISE.

D. WALL OVERRIDE/CONTROL SWITCHES SHALL PROVIDE INDEPENDENT ON-OFF CONTROL FOR ALL NON-DIMMED ZONES IN THE ROOM/SPACE AND INDEPENDENT ON-OFF AND RAISE/LOWER DIMMING CONTROL FOR ALL DIMMING ZONES IN THE ROOM/SPACE. "O" AND "V" AT A SWITCH INDICATES WITH INTEGRAL OCCUPANCY/VACANCY SENSOR. SWITCHES MAY BE GROUPED TOGETHER IN A COMMON SWITCH HOUSING AS LONG AS THE REQUIRED INDEPENDENT FUNCTIONALITY IS PROVIDED.

E. A TIME-SWITCH CONTROL FUNCTION IS REQUIRED FOR ALL SPACES NOT USING OCCUPANCY/VACANCY SENSING AND DAYLIGHT RESPONSIVE CONTROLS UNLESS SPACE IS EXEMPT FROM SUCH CONTROLS. THE TIME SWITCH CONTROLS SHALL ALSO BE PROVIDED WITH A MANUAL CONTROL FOR LIGHT REDUCTION THAT ALLOWS FOR THE UNIFORM REDUCTION OF LUMINATION OF THE CONNECTED LIGHTING LOAD BY AT LEAST 50%. WHERE REQUIRED BY CODE THE TIME-SWITCH CONTROLS SHALL INCLUDE AN OVERRIDE SWITCHING DEVICE THAT HAS A MINIMUM 7-DAY CLOCK ABLE TO BE SET FOR 7 DIFFERENT DAY TYPES PER WEEK, INCORPORATES AN AUTOMATIC HOLIDAY SHUTOFF, HAS PROGRAM BACKUP CAPABILITIES TO PREVENT LOSS OF PROGRAM AND TIME SETTINGS FOR 10 HOURS DUE TO POWER LOSS.

F. EXTERIOR LIGHTING SHALL BE PROVIDED WITH INTEGRAL PHOTOCELL, MOTION SENSOR AND DIMMING CONTROLS, UNLESS OTHERWISE NOTED.

G. ALL LIGHTING CONTROL SYSTEMS COMPONENTS AND WIRING WHICH IS INSTALLED IN CEILING PLENUMS SHALL BE UL LISTED FOR INSTALLATION IN CEILING RETURN AIR PLENUMS.

H. TYPICAL 0-10 VDC DIMMING CONTROL WIRING SHALL BE 2 #18 AWG, COLOR CODED PURPLE AND GRAY. WHERE 0-10VDC DIMMING CONTROL WIRING IS INSTALLED IN THE SAME RACEWAY WITH LINE VOLTAGE WIRING TO A LIGHT FIXTURE, 0-10 VDC DIMMING CONTROL WIRING SHALL BE HAVE 600 VOLT INSULATION.

I. INSTALLED LOCATIONS OF ALL ABOVE CEILING LIGHTING CONTROL SYSTEM COMPONENTS SHALL BE CLEARLY INDICATED ON THE AS-BUILT RECORD DRAWINGS, BY LOCATION AND COMPONENT TYPE/DESIGNATION.

J. ALL SWITCHED LIGHT FIXTURE(S) CIRCUITED TO AN EMERGENCY POWER CIRCUIT, INVERTER OR INTEGRAL BATTERY BACKUP SHALL BE PROVIDED WITH UL 924 LISTED EMERGENCY LIGHTING BYPASS RELAY. IF REQUIRED BY AUTHORITY HAVING JURISDICTION (AHJ) PROVIDE AN ADDITIONAL CONTACT TO RECEIVE INPUT FROM THE FIRE ALARM SYSTEM TO ENSURE UPON ACTIVATION OF THE FIRE ALARM SYSTEM THE EMERGENCY LIGHTING SHALL GO TO FULL BRIGHT.

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08/31/21

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No.:L13189.026 | Permit Issue No.:000000 | AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| DATE: | 02AUG21 | 1 | 09SEP21 | ADDENDUM 06 | |
| SCALE: | NTS | No. | Date | Description | By |

KEY MAP SECTOR J3

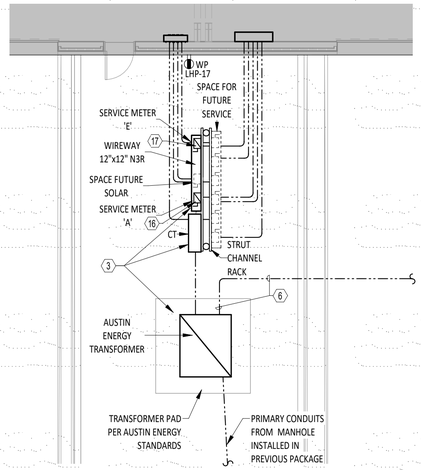
DRAWING DESCRIPTION:

LIGHTING SCHEDULES

SHEET NO.

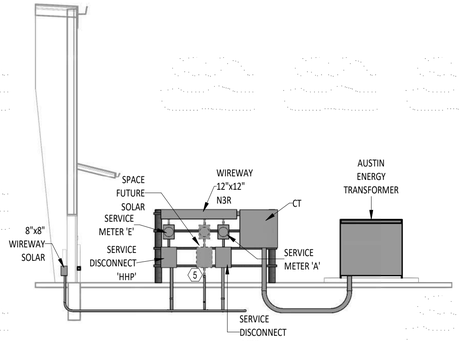
E-6-01

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711



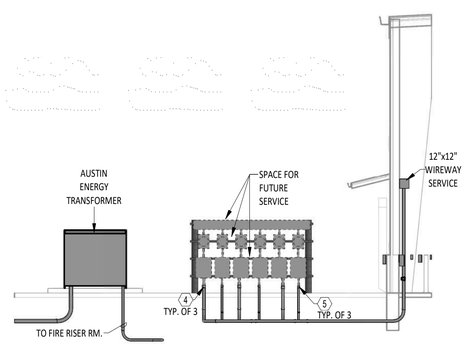

## 2 ELECTRICAL SERVICE ENLARGED PLAN

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



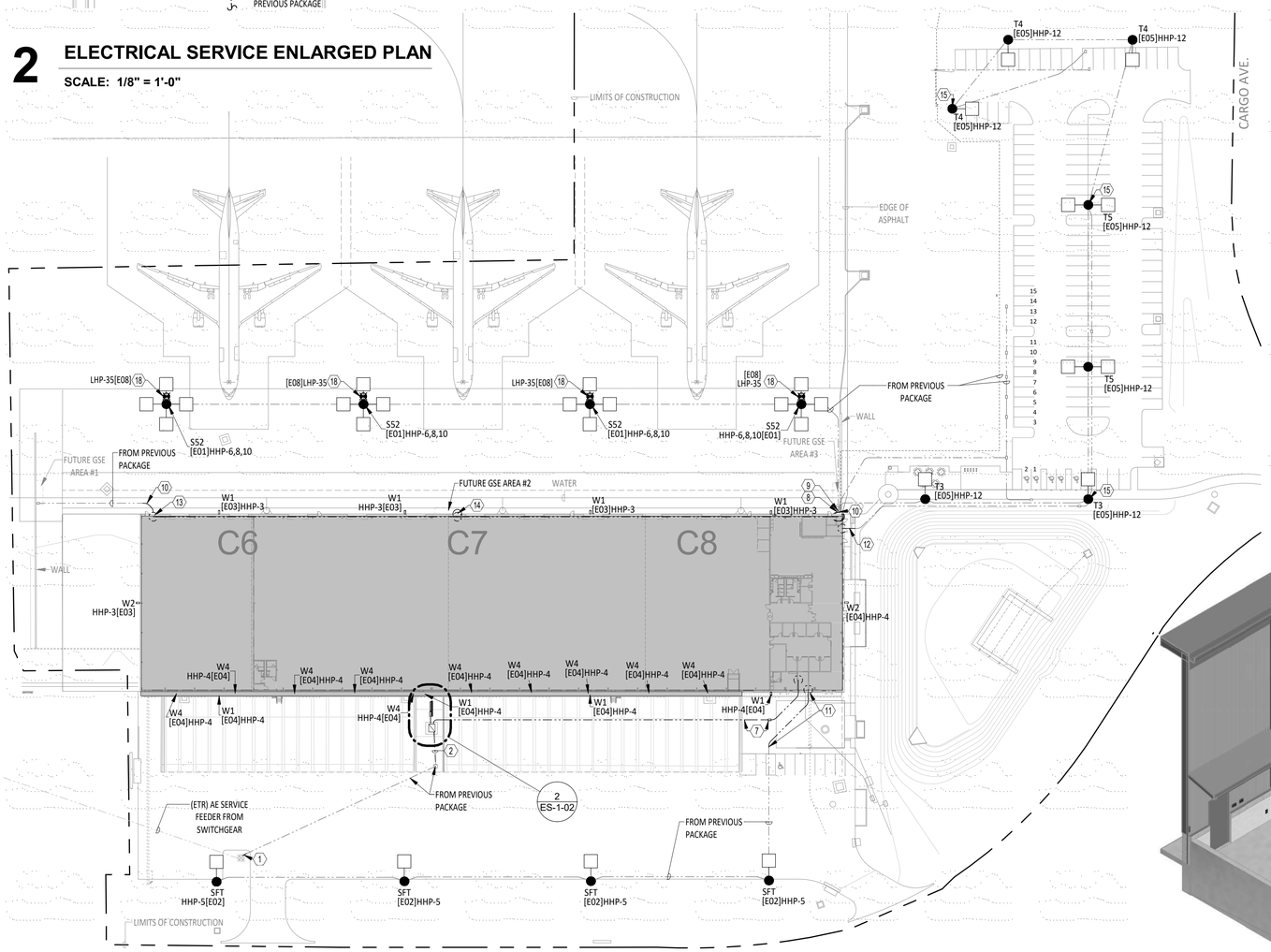

## 3 ELECTRICAL SERVICE - WEST ELEVATION

SCALE: N.T.S.




## 4 ELECTRICAL SERVICE - EAST ELEVATION

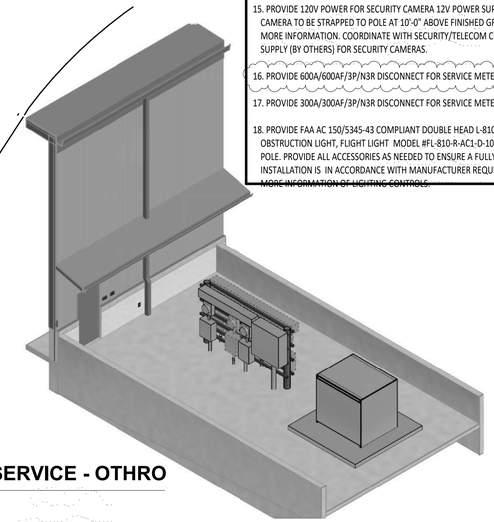
SCALE: N.T.S.




## 1 ELECTRICAL SITE PLAN

SCALE: 1" = 60'-0"



## 5 ELECTRICAL SERVICE - OTHRO

SCALE: N.T.S.

## GENERAL SHEET NOTES

A. REFER TO SHEET E-0-02 FOR GENERAL ELECTRICAL NOTES THAT SHALL APPLY TO ALL SHEETS IN THIS SET UNLESS NOTED OTHERWISE IN THE KEYNOTES.

B. DO NOT DIG OR LAY DOWN MATERIALS WITHIN 15 FT OF ELECTRIC TRANSMISSION STRUCTURES.

C. ALL WORK SHALL BE ARRANGED IN A NEAT, WELL ORGANIZED MANNER. ALL SERVICES SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO THE PRIMARY LINES OF THE BUILDING.

D. PROVIDE CODE AND MANUFACTURER'S REQUIRED SERVICE CLEARANCES FOR ALL EQUIPMENT.

E. ALL EXTERIOR LIGHTS CONTROLLED BY PHOTOCELL SWITCH MOUNTED 8" ABOVE ROOF FACING NORTH. SEE E-6-01 LIGHTING CONTROLS SCHEDULE FOR MORE INFORMATION.

F. COORDINATE EQUIPMENT LOCATIONS AND REQUIREMENTS WITH MECHANICAL, PLUMBING, SECURITY, TELECOM AND ARCHITECTURAL DRAWINGS.

G. REFER TO SHEET E-5-03 FOR ELECTRICAL DETAILS, SHEET E-6-01 FOR LIGHTING SCHEDULES, E-6-02 ONE LINE, FEEDER, SERVICE SIZING, AND LOAD ANALYSIS. SEE E-6-03 SERIES SHEETS FOR PANELBOARD SCHEDULES.

H. COORDINATE EQUIPMENT LOCATIONS WITH ALL OTHER DISCIPLINES PRIOR TO INSTALLATION AND CONNECTION TO EQUIPMENT.

I. COORDINATE MAIN SERVICE ROUTING WITH OTHER TRADES. REFER TO CIVIL DRAWINGS.

## KEYED NOTES

1. MAKE FINAL CONDUIT CONNECTION TO EXISTING AUSTIN ENERGY SWITCH GEAR PER AUSTIN ENERGY STANDARDS. COORDINATE WITH AUSTIN ENERGY.

2. PROVIDE CONDUIT FROM PULL BOX TO NEW PAD MOUNTED TRANSFORMER LOCATION. PER AUSTIN ENERGY STANDARDS.

3. PROVIDE NEW PAD MOUNTED TRANSFORMER, PAD, CT CAN, METER RACK AND METERS PER AUSTIN ENERGY STANDARDS. SEE E-6-02 ELECTRICAL ONE LINE DIAGRAM, 3/ES-1-02, 4/ES-1-02, AND 5/ES-1-02 FOR ADDITIONAL INFORMATION.

4. STUB UP 3" CONDUIT FOR FUTURE SERVICE 12" ABOVE FINISHED GRADE AND CAP.

5. STUB UP 2" CONDUIT FOR FUTURE SOLAR 12" ABOVE FINISHED GRADE AND CAP.

6. TAP TRANSFORMER PER AUSTIN ENERGY STANDARDS FOR FIRE PUMP FEEDER. SEE E-6-02 ELECTRICAL ONE LINE DIAGRAM FOR MORE INFORMATION.

7. PROVIDE CONDUIT AND TIER 15 OR GREATER PULL BOX FOR FIRE PUMP FEEDER. SEE 1/E-5-02 FOR ADDITIONAL INFORMATION.

8. PROVIDE ONE(1) 1-1/4" AND ONE(1) 1-0" CONDUIT(S) FOR TARMAC LIGHTING AND CONNECT TO CONDUIT FROM PREVIOUS PACKAGE. 1

9. PROVIDE ONE(1) 2-1/2" CONDUIT FOR ELECTRIC VEHICLE (EV) CHARGING STATIONS AND CONNECT TO CONDUIT FROM PREVIOUS PACKAGE.

10. PROVIDE ONE(1) 2-1/2" CONDUIT FOR FUTURE GROUND SERVICE EQUIPMENT (GSE) CHARGING STATIONS AND CONNECT TO CONDUIT FROM PREVIOUS PACKAGE.

11. PROVIDE ONE(1) 1-1/4" CONDUIT FOR TRUCK PARKING LOT LIGHTING CONDUIT AND CONNECT TO CONDUIT FROM PREVIOUS PACKAGE. RUN CONDUIT TO PLENUM SPACE AND BACK TO HOUSE PANELBOARD AS INDICATED BY CIRCUIT NUMBER FOR LIGHTING FIXTURES.

12. PROVIDE TWO(2) 1-0" CONDUIT FOR FUTURE SECURITY CAMERAS AND CONNECT TO CONDUIT FROM PREVIOUS PACKAGE.

13. PROVIDE ONE(1) 2-1/2" CONDUIT FOR FUTURE GROUND SERVICE EQUIPMENT (GSE) CHARGING STATIONS. RUN CONDUIT UNDER SLAB AND TURN UP INTO EXTERIOR WALL. EXTEND CONDUIT AS HIGH AS POSSIBLE AND ATTACH TO STRUCTURE. RUN CONDUIT BACK TO PLENUM SPACE ABOVE PANELBOARD 'HHP' AND CAP.

14. PROVIDE ONE(1) 2-1/2" CONDUIT AND JUNCTION BOX FOR FUTURE GROUND SERVICE EQUIPMENT (GSE) CHARGING STATIONS. RUN CONDUIT DOWN WALL UNDER SLAB AND BACK UP TO EXTERIOR WALL. STUB UP CONDUIT 12" ABOVE FINISHED GRADE AND CAP.

15. PROVIDE 120V POWER FOR SECURITY CAMERA 12V POWER SUPPLY. CIRCUIT TO PANELBOARD 'LHP-7'. SECURITY CAMERA TO BE STRAPPED TO POLE AT 10'-0" ABOVE FINISHED GRADE. SEE SECURITY AND TELECOM DRAWINGS FOR MORE INFORMATION. COORDINATE WITH SECURITY/TELECOM CONTRACTOR THE EXACT LOCATION OF LV POWER SUPPLY (BY OTHERS) FOR SECURITY CAMERAS.

16. PROVIDE 600A/600AF/3P/N3R DISCONNECT FOR SERVICE METER 'A'. 1

17. PROVIDE 300A/300AF/3P/N3R DISCONNECT FOR SERVICE METER 'E'.

18. PROVIDE FAA AC 150/5345-43 COMPLIANT DOUBLE HEAD L-810 INCANDESCENT STEADY BURNING RED OBSTRUCTION LIGHT, FLIGHT LIGHT MODEL #FL-810-R-AC1-D-10B OR EQUAL. MOUNT ON TOP OF TARMAC LIGHT POLE. PROVIDE ALL ACCESSORIES AS NEEDED TO ENSURE A FULLY FUNCTIONING SYSTEM WHEN COMPLETE. ENSURE INSTALLATION IS IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS. CIRCUIT AS INDICATED. SEE E-6-01 FOR MORE INFORMATION OF LIGHTING CONTROLS.

PLAN NORTH

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KEY MAP SECTOR J3

DRAWING DESCRIPTION:

**ELECTRICAL SITE PLAN**

SHEET NO.

**ES-1-02**

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# FIRE PROTECTION SYMBOLS & ABBREVIATIONS

(NOTE: ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS)

## PIPING DESIGNATIONS

| | |
|---|---|
| FP | FIRE STANDPIPE |
| FDC | FIRE DEPT. CONNECTION |

## GENERAL SYMBOLS

| | |
|---|---|
| 101 | ROOM NUMBER |
| P.3-1A | DRAWING SECTION DESIGNATION |
| P.4-1A | DETAIL DESIGNATION |

NOTE: DRAWING CATEGORY IS NOT INDICATED IF DETAIL OR SECTION DESIGNATION REFERS TO SAME CATEGORY.

| | |
|---|---|
| 2 | KEYED NOTES |
| 2 | REVISIONS |
| | CONNECTION TO EXISTING |
| | SCHEMATIC FAN OR PUMP |
| S | TEMPERATURE SENSOR |

## EQUIPMENT DESIGNATIONS

| | |
|---|---|
| ABC-1 | EQUIPMENT TYPE FROM LIST - SCHEDULED UNIT NUMBER |
| FP | FIRE PUMP |
| JP | JOCKEY PUMP |

## ABBREVIATION DESCRIPTION

| | |
|---|---|
| FDC | FIRE DEPT CONNECTION |
| FEC | FIRE EXTINGUISHER CABINET |
| FH | FIRE HYDRANT |
| FHC | FIRE HOSE CABINET |
| FHR | FIRE HOSE RACK |
| FHS | FIRE HOSE STATION |
| FHV | FIRE HOSE VALVE |
| FP | FIRE PROTECTION |
| FPTH | FIRE PUMP TEST HEADER |
| FVC | FIRE VALVE CABINET |

## FIRE PROTECTION GENERAL NOTES:

1. CONTRACTOR SHALL DESIGN AND BUILD A NEW FIRE SPRINKLER SYSTEM AS REQUIRED TO PROVIDE SPRINKLER PROTECTION TO THE ENTIRE BUILDING. EVERY ROOM INCLUDING CLOSETS SHALL HAVE SPRINKLER COVERAGE.
2. THE FIRE PROTECTION CONTRACTOR SHALL SUBMIT A SET OF SHOP DRAWINGS IN COMPLIANCE WITH ALL APPLICABLE CODES AND APPROVED BY THE AHJ.
3. A LICENSED FIRE SPRINKLER CONTRACTOR SHALL PROVIDE A COMPLETE AUTOMATIC FIRE SPRINKLER SYSTEM WITH DRAWINGS AND CALCULATIONS AS REQUIRED TO FULLY PROTECT THE SPACE LAYOUT IN ACCORDANCE WITH NFPA 13 AND ALL APPLICABLE STATE AND LOCAL CODE REQUIREMENTS. REFER TO THE SPECIFICATIONS, LIFE SAFETY AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION. FIRE PROTECTION CONTRACTOR SHALL PROVIDE EQUIPMENT LAYOUT AND COORDINATE EXACT LOCATION WITH OTHER DISCIPLINES PRIOR TO START OF WORK. 1
4. INSTALL A KNOX BOX AT LOCATIONS SHOWN ON GENERAL SHEETS ON SHEETS GI-0-05 AND GI-0-06. COORDINATE FINAL LOCATION WITH AHJ.
5. THE INSTALLATION OF THE ENTIRE SPRINKLER SYSTEM, EQUIPMENT, DEVICES AND ALL MATERIALS SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, THE GOVERNING BUILDING CODE, REQUIREMENTS OF NFPA PAMPHLET 13, AND OTHER LOCAL AUTHORITIES EXERCISING JURISDICTION.
6. CONCEALED HEADS SHALL BE PROVIDED IN MOST SPACES WITH CEILINGS. PENDANT TYPE SHALL BE PROVIDED IN AREAS WITHOUT CEILINGS AND CERTAIN STORAGE SPACES.
7. SUSPENDED ACOUSTICAL CEILINGS: RECESSED HEADS, CENTERED IN TILES BOTH WAYS.
8. EXPOSED CEILING: UPRIGHT HEADS EXCEPT AS REQUIRED BY CODE.

GENERAL NOTES APPLY TO ALL FIRE PROTECTION SHEETS.

## GENERAL NOTES:

1. THESE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK AND ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
2. ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE.
3. REFER TO ARCHITECTURAL DRAWINGS FOR MOST ACCURATE WALLS, CEILING ELEMENTS AND FIRE PROTECTION FIXTURE LOCATIONS.
4. UTILITY LOCATIONS ARE APPROXIMATE AND ARE BASED ON INFORMATION SUPPLIED BY OTHERS. PHYSICALLY VERIFY LOCATIONS AND ELEVATIONS BEFORE BEGINNING INSTALLATIONS.
5. PIPING SHALL BE ROUTED HIDDEN FROM VIEW. WHERE PIPING CANNOT BE HIDDEN FROM VIEW, OBTAIN ARCHITECT APPROVAL OF ROUTING AND FINISHED APPEARANCE OF PIPING. FACTORY FINISH OF PIPING IS ACCEPTABLE. FACTORY FINISH OF INSULATION JACKET IS ACCEPTABLE. REMOVE NON-FACTORY AND VISABLY OBJECTIONAL MARKS ON FINISHED PIPING AND INSULATION.
6. CONTRACTOR SHALL COORDINATE WITH ALL TRADES DURING CONSTRUCTION.
7. REFER TO ARCHITECTURAL ELEVATION AND SECTIONS PRIOR TO ROUTING OF PIPING.

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

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MIGUEL FASCINO
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TBPE FIRM # F-7964

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| DATE: 02AUG21 | 1 | 9/9/21 | ADDENDUM 6 | |
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KEY MAP SECTOR J3

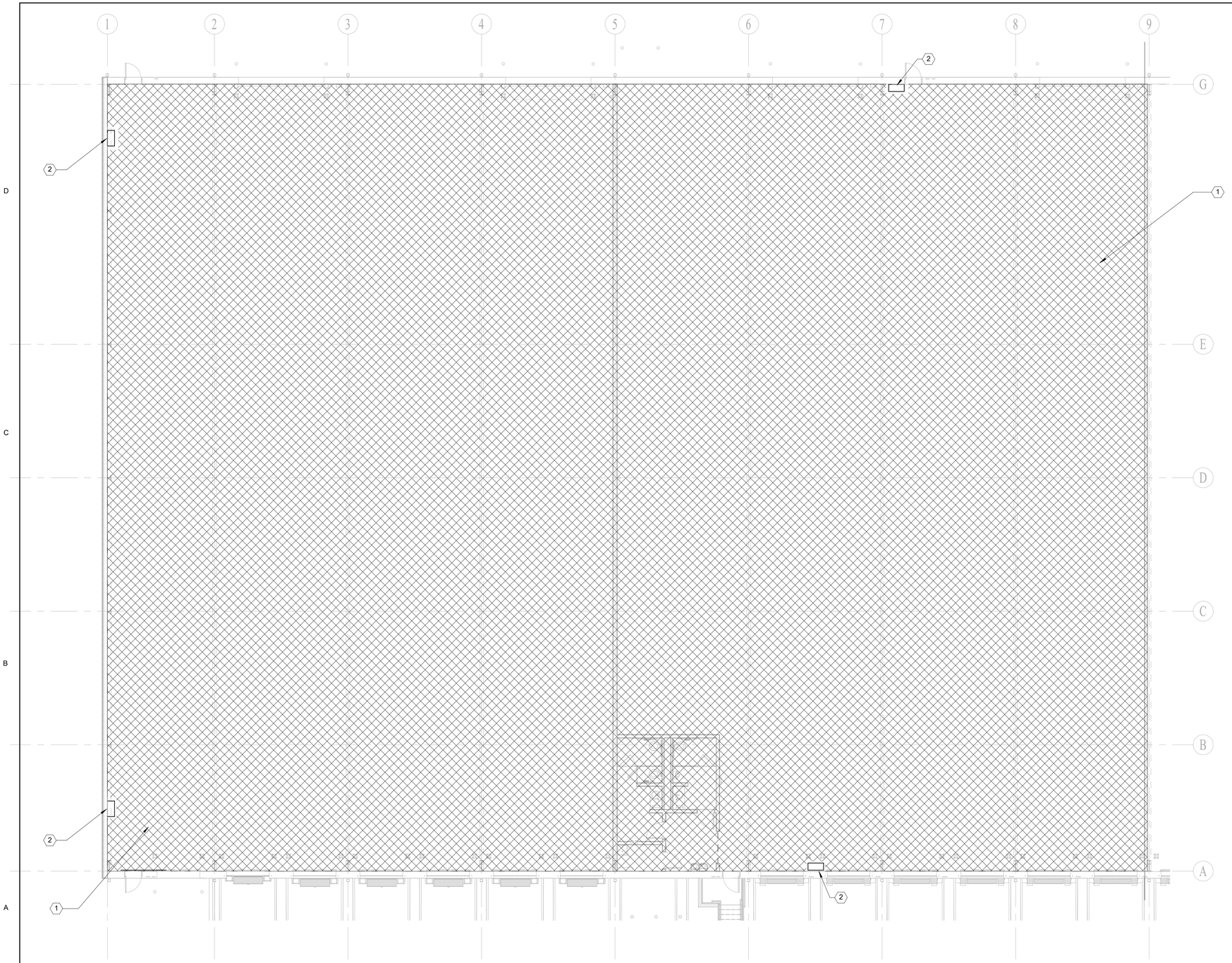
DRAWING DESCRIPTION:

**SYMBOLS & ABBREVIATIONS**

SHEET NO.

**F-0-00**

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711




1 FIRE PROTECTION - FLOOR PLAN - AREA A
1" = 10'-0"

PLAN NORTH

0' 10' 20' 30' 40'
SCALE: 1"=10'

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

STATE OF TEXAS
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31AUG21

**FIRE PROTECTION NOTES: (1/F-1-03)**

1. CONTRACTOR SHALL DESIGN AND BUILD A NEW WET FIRE SPRINKLER SYSTEM AND REQUIRED TO PROVIDE SPRINKLER PROTECTION TO THE ENTIRE BUILDING. EVERY ROOM INCLUDING CLOSETS SHALL HAVE SPRINKLER COVERAGE.
2. PROVIDE 2-1/2" FIRE HOSE VALVE CONNECTION WITH FLOW CONTROL ASSEMBLY AT THE HOSE CABINETS.

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

**9402 FREIGHT LN. AUSTIN, TX. 78719**

ABIA Project No:L13189.026|Permit Issue No.:00000|AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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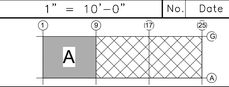
| SCALE: 1" = 10'-0" | No. | Date | Description | By |

KEY MAP




SECTOR J3

DRAWING DESCRIPTION:

**AREA A FLOOR PLAN**

SHEET NO.

**F-1-02**

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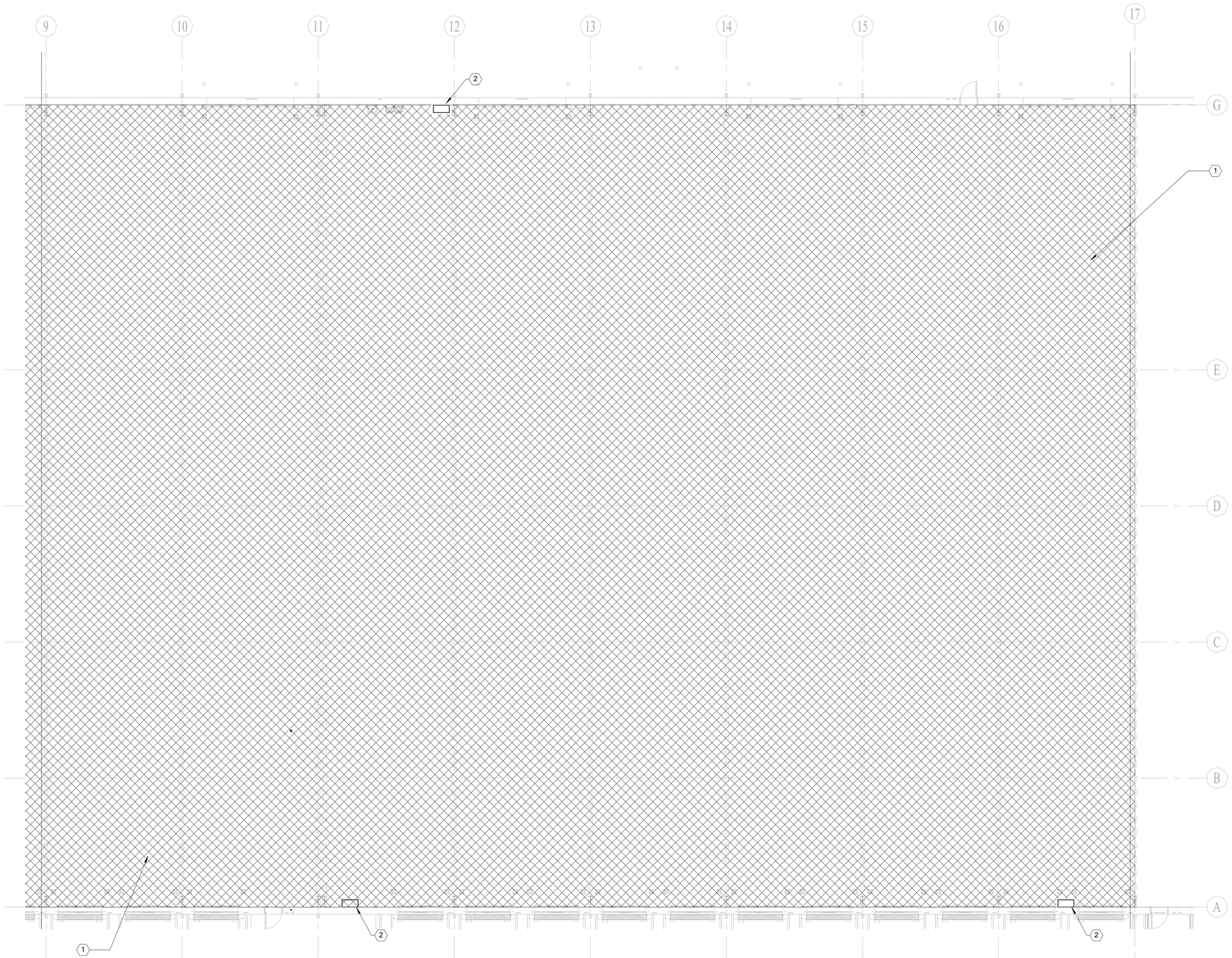


1 FIRE PROTECTION - FLOOR - AREA B
1" = 10'-0"

PLAN NORTH

0' 10' 20' 30' 40'
SCALE: 1"=10'

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

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31AUG21

**FIRE PROTECTION NOTES: (1/F-1-04)**

1. CONTRACTOR SHALL DESIGN AND BUILD A NEW FIRE SPRINKLER SYSTEM AND REQUIRED TO PROVIDE SPRINKLER PROTECTION TO THE ENTIRE BUILDING. EVERY ROOM INCLUDING CLOSETS SHALL HAVE SPRINKLER COVERAGE.
2. PROVIDE 2-1/2" FIRE HOSE VALVE CONNECTION WITH FLOW CONTROL ASSEMBLY AT THE HOSE CABINETS.

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| SCALE: | 1" = 10'-0" | No. | Date | Description By |

KEY MAP

SECTOR J3

DRAWING DESCRIPTION:

**AREA B FLOOR PLAN**

SHEET NO.

**F-1-03**

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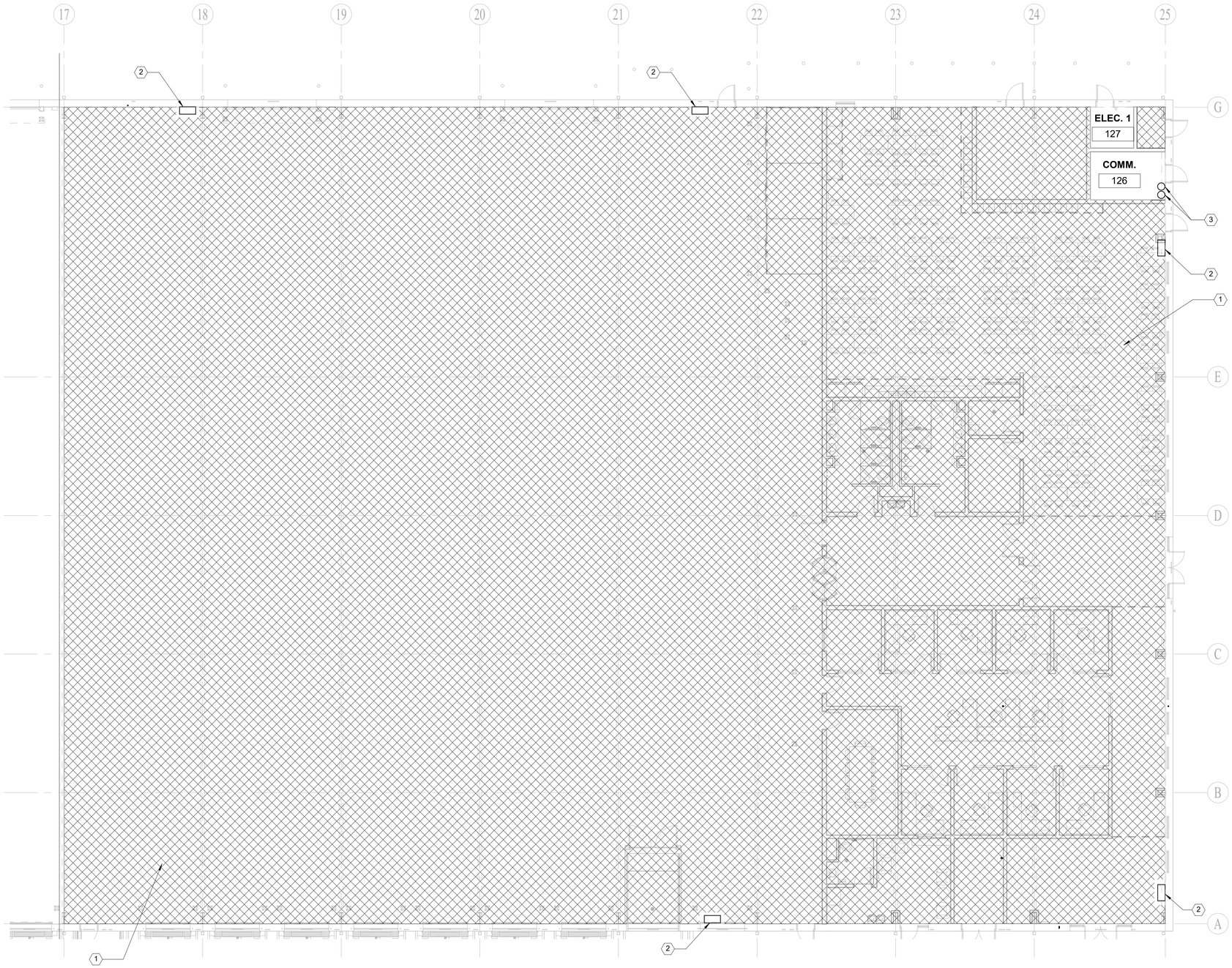


1 FIRE PROTECTION - FLOOR - AREA C
1" = 10'-0"

PLAN NORTH

0' 10' 20' 30' 40'

SCALE: 1"=10'

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

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31AUG21

**FIRE PROTECTION NOTES: (1/F-1-05)**

1. CONTRACTOR SHALL DESIGN AND BUILD A NEW FIRE SPRINKLER SYSTEM AND REQUIRED TO PROVIDE SPRINKLER PROTECTION TO THE ENTIRE BUILDING. EVERY ROOM INCLUDING CLOSETS SHALL HAVE SPRINKLER COVERAGE.
2. PROVIDE 2-1/2" FIRE HOSE VALVE CONNECTION WITH FLOW CONTROL ASSEMBLY AT THE HOSE CABINETS.
3. PROVIDE FM-200 FIRE SUPPRESSION SYSTEM DRY-CHEMICAL TANKS FOR ELECTRICAL 127 AND COMM. 126 ROOM. FIELD VERIFY EXACT LOCATION.

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026|Permit Issue No.:00000|AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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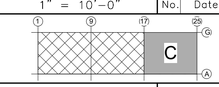
KEY MAP




SECTOR J3

DRAWING DESCRIPTION:

**AREA C FLOOR PLAN**

SHEET NO.

**F-1-04**

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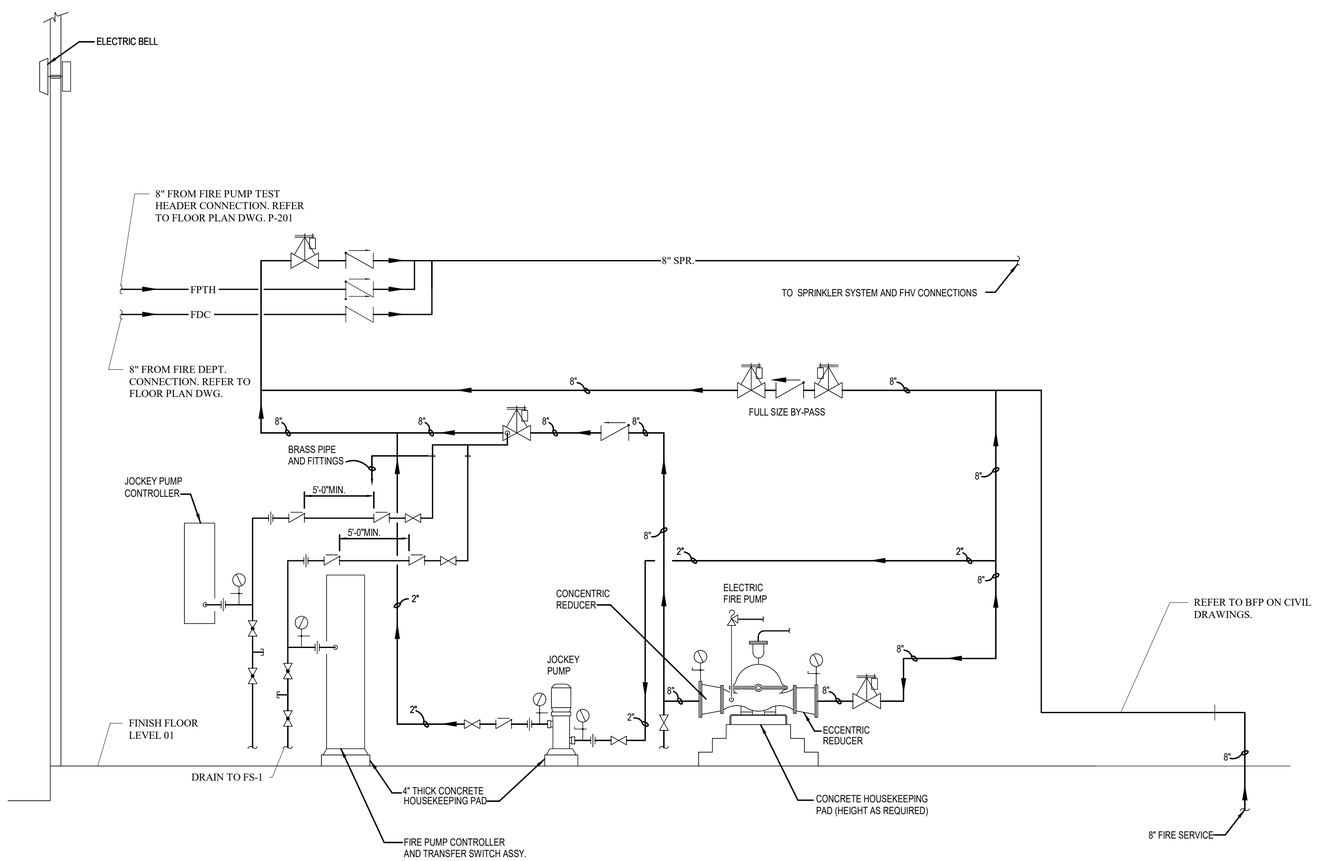
## FIRE AND JOCKEY PUMP SCHEDULE

| EQUIPMENT | TYPE | TOTAL | MOTOR HP | MOTOR RPM | MOTOR VOLTS | MOTOR PH | MOTOR CYCLE | GPM | PSI | WORKING PRESSURE | LOCATION | MANUFACTURER MODEL NO. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FIRE PUMP FP-1 | SPLIT CASE | 1 | 100 | 1780 | 480 | 3 | 60 | 1500 | 80 | 200 | FIRE RISER ROOM | 8X8X17F 8100 SERIES | PREPACKAGED FIRE PUMP SKID |
| JOCKEY PUMP JP-1 | VERTICAL MULTISTAGE | 1 | 0.75 | 3500 | 480 | 3 | 60 | 7.5 | 80 | 200 | FIRE RISER ROOM | PVM1-13 | MOUNTED ON FIRE PUMP SKID |

NOTE:

1. FIRE PUMP CONTROLLER SHALL BE EQUAL TO METRON MPT 700 SERIES, SOLID STATE SOFT START WITH AUTOMATIC TRANSFER SWITCH (NEMA 3R ENCLOSURE).
2. JOCKEY PUMP CONTROLLER SHALL BE EQUAL TO METRON MP15-SERIES WITH DATA LOGGING OPTION "DL" (NEMA 3R ENCLOSURE).
3. FINAL PUMP SELECTIONS TO BE DETERMINED BY FIRE PROTECTION CONTRACTOR BASED ON HYDRAULIC CALCULATIONS AND APPROVED BY AHJ.
4. LOCATE ALARM BELL AS REQUIRED BY AHJ.




1 / F-5-01 FIRE BOOSTER PUMP DETAIL
SCALE: NOT TO SCALE

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

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ABIA Project No:L13189.026|Permit Issue No.:00000|AIP/C Nos.: 0-00-0000-00-00

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| SCALE: 1/8" = 1'-0" | No. | Date | Description | By |

KEY MAP SECTOR J3

DRAWING DESCRIPTION:

**DETAILS**

SHEET NO.

**F-5-01**

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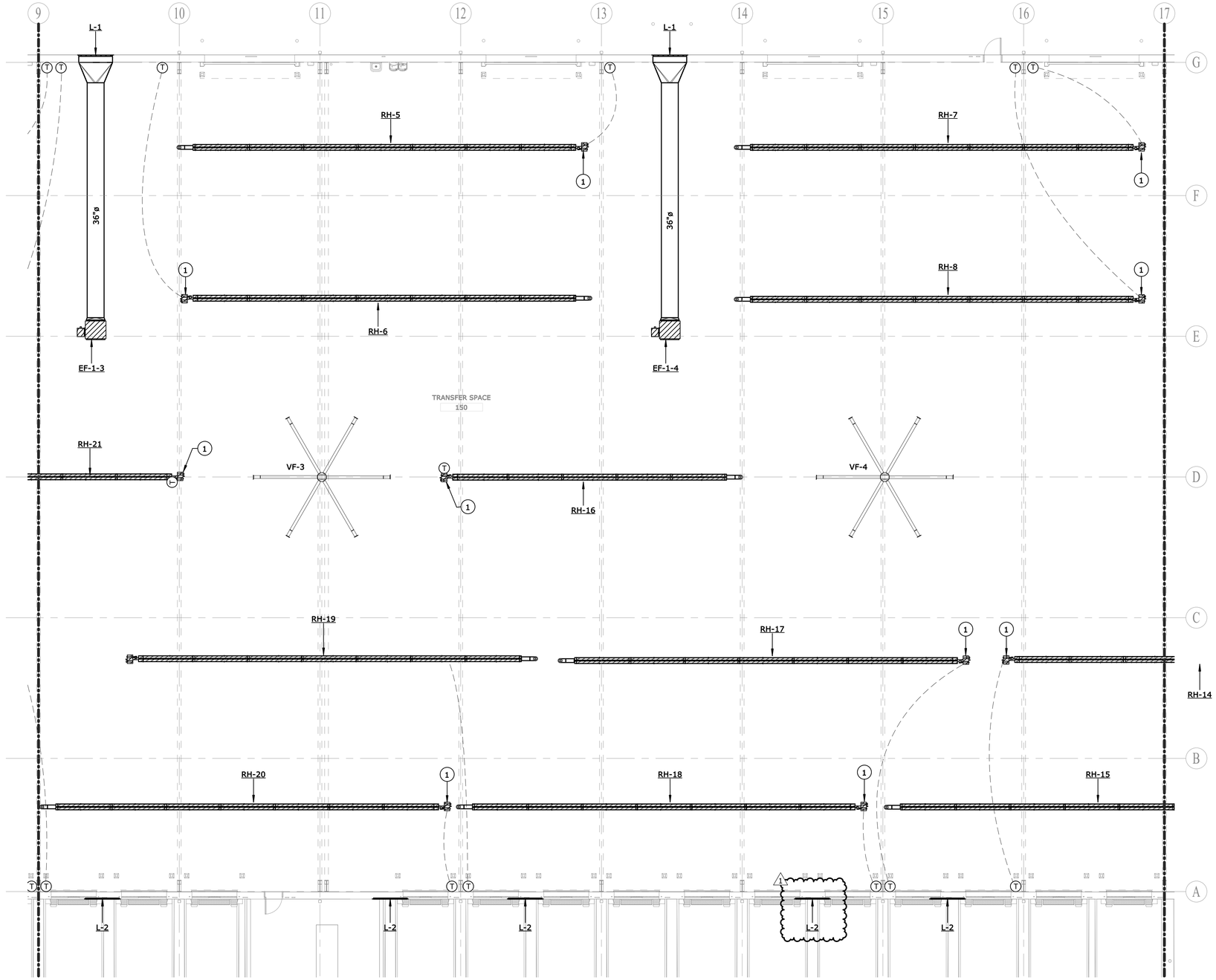


1 MECHANICAL FLOOR PLAN

1" = 10'-0"

## GENERAL NOTES

1. DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF DUCTWORK, PIPING, DEVICES AND EQUIPMENT WITH BUILDING ELEMENTS AND THE WORK OF OTHER TRADES.

2. USE MANUFACTURER PROVIDED THERMOSTATS WITH CONTROL WIRING AND CONDUIT TO BE INSTALLED BY THE MECHANICAL CONTRACTOR.

3. REFER TO MH-0-01 FOR SYMBOLS AND ABBREVIATIONS FOR THIS SHEET.

4. THERMOSTATS ARE TO BE MOUNTED 44"AFF TO CENTER OF DEVICE.

5. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN WITH 1" AIR GAP.

6. LARGE CEILING FANS SHALL BE INTERLOCKED WITH THE BUILDING FIRE ALARM SYSTEM TO SHUT DOWN UPON ACTIVATION OF THE BUILDING FIRE ALARM.

7. EXPOSED DUCTWORK AND HANGERS ARE TO BE PAINTED THE SAME COLOR AS THE ROOF DECK. DUCTWORK SHALL BE PROVIDED WITH PAINT GRIP.

## KEYED NOTES "(*)"

1 PROVIDE TYPE B VENT DUCTS FROM GAS HEATER AND TERMINATE OUTSIDE OF BUILDING TO APPROVED VENT CAP. ROOF VENTS SHALL NOT PENETRATE ROOF IN AREAS DEDICATED TO THE PV PANELS. REFER TO HEATER DETAIL, SCHEDULE AND MANUFACTURER'S RECOMMENDATIONS FOR ADDITIONAL INFORMATION.

PLAN NORTH

0' 10' 20' 30' 40'

SCALE: 1"=10'

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

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ABIA Project No.:L13189.026 | Permit Issue No.:00000 | AIP/CNos.: 0-00-0000-00-00

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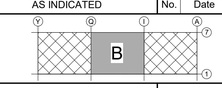
KEY MAP




SECTOR J3

DRAWING DESCRIPTION:

**MECHANICAL FLOOR PLAN - AREA B**

SHEET NO.

**MH-1-02**

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# DX DEDICATED OUTDOOR AIR UNIT SCHEDULE

| MARK | LOCATION | SERVING | CONFIGURATION | REFRIGERANT | INDOOR UNIT TOTAL AIR CFM | INDOOR UNIT EXTERNAL S.P. IN. H2O | INDOOR UNIT VOLTS | INDOOR UNIT PHASE | INDOOR UNIT MCA | INDOOR UNIT MOCP | INDOOR UNIT WEIGHT | OUTDOOR UNIT VOLTS | OUTDOOR UNIT PHASE | OUTDOOR UNIT MCA | OUTDOOR UNIT MOCP | OUTDOOR UNIT WEIGHT | COOLING TOTAL MBH | COOLING SENSIBLE MBH | COOLING AMBIENT (°F) | COOLING EAT DB/WB (°F) | COOLING LAT DB/WB (°F) | GAS HEATING AMBIENT (°F) | GAS HEATING EAT (°F) | GAS HEATING LAT (°F) | GAS HEATING SENSIBLE MBH | FILTER TYPE | FILTER SIZE IN. | FILTER QTY | MANUFACTURER | MODEL (INDOOR/OUTDOOR) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOAU-1 / DOAUCU-1 | MECHANICAL ROOM | FC-1,2,3,4 | VERTICAL | R-410A | 1810 | 0.5 | 460 | 3 | 30.4 | 40 | 1157 | 460 | 3 | 5.5 | 15 | 293 | 123.15 | 84.06 | 102 | 98/74 | 55/55 | 17.0 | 17.0 | 75.0 | 113.4 | MERV 10 | 2 | 2 | UNITED COOL AIR | OSAV13.5G3ADFTA-T / PBK133G1AFH0860 |

OUTDOOR UNIT NOTES:
1. PROVIDE FIELD INSTALLED HAIL GUARD ACCESSORY.
2.UNITS SHALL MEET OR EXCEED MINIMUM IEER AND SEER VALUES PER AHRI 210/240

INDOOR FAN COIL NOTES:
1. PROVIDE UNIT WITH FACTORY MOUNTED SUPPLY AIR VARIABLE FREQUENCY DRIVE.
2 PROVIDE UNIT WITH VARIABLE COMPRESSOR FOR CAPACITY MODULATION WITH COMPRESSOR ISOLATION VALVES; HOT GAS BYPASS WILL NOT BE ACCEPTED.
3. PROVIDE PHASE FAILURE DETECTION/MONITOR, HAIL GUARD, CRANKCASE HEATER, ANTI-SHORT CYCLE TIMER, LOW AMBIENT CONTROLS, HIGH AND LOW PRESSURE SWITCHES, AND THERMOSTATIC EXPANSION VALVE.
4. UNIT SHALL OPERATE ON STATIC PRESSURE.

# DX SPLIT-SYSTEM FAN COIL UNIT SCHEDULE

| MARK | LOCATION | SERVING | CONFIGURATION | EER @ AHRI | IEER @ AHRI | SEER @ AHRI | COP (47°F) @ AHRI | COP (17°F) @ AHRI | FAN COIL TOTAL AIR CFM | FAN COIL MIN. OA CFM | FAN COIL EXTERNAL S.P. IN. H2O | FAN COIL VOLTS | FAN COIL PHASE | FAN COIL MCA | FAN COIL MOCP | FAN COIL WEIGHT | OUTDOOR UNIT VOLTS | OUTDOOR UNIT PHASE | OUTDOOR UNIT MCA | OUTDOOR UNIT MOCP | OUTDOOR UNIT WEIGHT | COOLING TOTAL MBH | COOLING SENSIBLE MBH | COOLING AMBIENT (°F) | COOLING EAT DB/WB (°F) | COOLING LAT DB/WB (°F) | HEATING AMBIENT (°F) | HEATING EAT (°F) | HEATING LAT (°F) | HEATING SENSIBLE MBH | FILTER TYPE | FILTER SIZE IN. | FILTER QTY | MANUFACTURER | MODEL | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FC-1 / CU-1 | MECHANICAL ROOM | BREAK ROOM | VERTICAL | 13 | 22.7 | - | 4 | 2.6 | 2130 | 730 | 1.0 | 460 | 3 | 3.5 | 15 | 315 | 460 | 3 | 36.3 | 25 | 553 | 70.80 | 46.40 | 102 | 75/64.8 | 55/55 | 17.0 | 69.3 | 85.0 | 36.8 | MERV 10 | 2 | 2 | DAIKIN | BCVD0301/RXYQ96TYDN | 1,2,3,5,6,7,8,9,10 |
| FC-2 / CU-2 | MECHANICAL ROOM | CORRIDORS | VERTICAL | 11.5 | 21 | - | 3.7 | 2.2 | 3690 | 140 | 1.0 | 460 | 3 | 7.7 | 15 | 336 | 460 | 3 | 25.9 | 35 | 709 | 82.70 | 80.90 | 102 | 75/62.6 | 55/55 | 17.0 | 69.9 | 85.0 | 61.2 | MERV 10 | 2 | 2 | DAIKIN | BCVD0401/RXYQ144TYDN | 1,2,3,5,6,7,8,9,10 |
| FC-3 / CU-3 | MECHANICAL ROOM | OFFICE SPACES | VERTICAL | 13 | 22.7 | - | 4 | 2.6 | 1910 | 320 | 1.0 | 460 | 3 | 3.5 | 15 | 315 | 460 | 3 | 36.3 | 25 | 553 | 49.10 | 41.40 | 102 | 75/62.7 | 55/55 | 17.0 | 69.7 | 85.0 | 32.2 | MERV 10 | 2 | 2 | DAIKIN | BCVD0301/RXYQ96TYDN | 1,2,3,5,6,8,9,10 |
| FC-4 / CU-4 | MECHANICAL ROOM | BREAK ROOM | VERTICAL | 13 | 22.7 | - | 4 | 2.6 | 2410 | 620 | 1.0 | 460 | 3 | 3.5 | 15 | 315 | 460 | 3 | 36.3 | 25 | 553 | 76.90 | 52.80 | 102 | 75/64.2 | 55/55 | 17.0 | 69.5 | 85.0 | 41.0 | MERV 10 | 2 | 2 | DAIKIN | BCVD0301/RXYQ96TYDN | 1,2,3,5,6,7,8,9,10 |
| FC-5 / CU-5 | MECHANICAL ROOM | COMM. ROOM | WALL | - | - | 20 | - | - | 643 | - | 0.25 | POWERED FROM OUTDOOR UNIT | | | | 20 | 208 | 1 | 17.5 | 20 | 159 | 19.70 | 15.10 | 102 | 75/63 | 55/55 | - | - | - | - | WASHABLE | - | 1 | DAIKIN | FTXS24LVJU/RXS24LVJU | 1,2,4,5,6,9,10 |
| FC-6 / CU-6 | MECHANICAL ROOM | WOMEN'S RR | WALL | - | - | 24.5 | - | - | 380 | - | 0.25 | POWERED FROM OUTDOOR UNIT | | | | 20 | 208 | 1 | 8 | 15 | 75 | 8.20 | 7.10 | 102 | 75/63 | 55/55 | 17.0 | 70.0 | 85.0 | 7.7 | WASHABLE | - | 1 | DAIKIN | FTXS09LVJU/RXS09LVJU | 1,2,4,5,6,9,10 |
| FC-7 / CU-7 | MECHANICAL ROOM | MEN'S RR | WALL | - | - | 24.5 | - | - | 380 | - | 0.25 | POWERED FROM OUTDOOR UNIT | | | | 31 | 208 | 1 | 8 | 15 | 75 | 8.20 | 7.10 | 102 | 75/63 | 55/55 | 17.0 | 70.0 | 85.0 | 7.7 | WASHABLE | - | 1 | DAIKIN | FTXS09LVJU/RXS09LVJU | 1,2,4,5,6,9,10 |

OUTDOOR UNIT NOTES:
1. PROVIDE FIELD INSTALLED HAIL GUARD ACCESSORY.
2.UNITS SHALL MEET OR EXCEED MINIMUM IEER AND SEER VALUES PER AHRI 210/240
3. IEER SHALL BE NO LESS THAN 13.53.
4. SEER SHALL BE NO LESS THAN 14.3.
5. INVERTER COMPRESSOR WITH SPACE TEMP CONTROL.

INDOOR FAN COIL NOTES:
6. PROVIDE FIELD OR FACTORY MOUNTED CONDENSATE PUMPS ON ALL INDOOR UNITS UNLESS INSTRUCTED OTHERWISE ON DRAWING.
7. FAN COIL UNITS EXCEEDING 2000 CFM SHALL BE PROVIDED WITH SUPPLY DUCT SMOKE DETECTORS CONNECTED TO THE FIRE ALARM SYSTEM.
8. FULL DOUBLE WALL R-6 CABINET CONSTRUCTION.
9. VARIABLE SPEED ECM MOTORS.
10. ELECTRONIC EXPANSION VALVE WITH FACTORY CONTROLS AND 7-DAY PROGRAMMABLE T-STAT TO OPERATE ON TEMPERATURE SETPOINT.

# AIR DEVICE SCHEDULE

| MARK | CFM RANGE MIN. | CFM RANGE MAX. | FACE SIZE (INCHES) | NECK SIZE (INCHES) | MAX S.P. (INCHES) | MAX. NC LEVEL | MAKE / MODEL | NOTES |
|---|---|---|---|---|---|---|---|---|
| A | 35 | 100 | 24x24 | 6 | 0.10 | 25 | SQUARE CEILING DIFFUSER TITUS MODEL TMSA OR APPROVED ALTERNATE | 1, 2, 3, 4, 5, 6 |
| B | 101 | 210 | 24x24 | 8 | 0.10 | 25 | SQUARE CEILING DIFFUSER TITUS MODEL TMSA OR APPROVED ALTERNATE | 1, 2, 3, 4, 5, 6 |
| C | 211 | 380 | 24x24 | 10 | 0.10 | 25 | SQUARE CEILING DIFFUSER TITUS MODEL TMSA OR APPROVED ALTERNATE | 1, 2, 3, 4, 5, 6 |
| D | 381 | 600 | 24x24 | 12 | 0.10 | 25 | SQUARE CEILING DIFFUSER TITUS MODEL TMSA OR APPROVED ALTERNATE | 1, 2, 3, 4, 5, 6 |
| E | 0 | 280 | 12x12 | -- | 0.10 | 25 | SQUARE CEILING DIFFUSER TITUS MODEL TMSA OR APPROVED ALTERNATE | 1, 2, 3, 4, 5, 6 |
| F | 0 | 320 | 12x12 | 12x12 | 0.05 | 25 | LOUVERED FACE RETURN TITUS MODEL 350FL OR APPROVED ALTERNATE | 2, 3, 4 |
| G | 0 | 275 | 12x12 | -- | 0.05 | 25 | EGG CRATE CEILING EXHAUST GRILLE TITUS MODEL 50R OR APPROVED ALTERNATE | 1, 2, 3, 4, 5, 6 |
| H | 0 | 150 | 6x6 | -- | 0.05 | 25 | LOUVERED FACE TRANSFER GRILLE TITUS MODEL 350FL OR APPROVED ALTERNATE | 2, 3 |
| I | 0 | 280 | 12x6 | -- | 0.05 | 25 | LOUVERED FACE TRANSFER GRILLE TITUS MODEL 350FL OR APPROVED ALTERNATE | 1, 2, 3, 4 |
| J | 0 | 1500 | 24x24 | 22x22 | 0.05 | 25 | SQUARE PERFORATED CEILING DIFFUSER TITUS MODEL PAR OR APPROVED ALTERNATE | 2, 3 |
| K | 0 | 380 | 24x24 | 10 | 0.05 | 25 | EGG CRATE CEILING RETURN/EXHAUST GRILLE TITUS MODEL 50R OR APPROVED ALTERNATE | 1, 2, 3, 4, 5, 6 |
| R | 0 | 1200 | 24x24 | 22x22 | 0.05 | 25 | EGG CRATE CEILING RETURN/EXHAUST GRILLE TITUS MODEL 50R OR APPROVED ALTERNATE | 1, 2, 3, 4, 5, 6 |

NOTES:
1. FURNISH WITH FLUSH MOUNT FRAME OR T-BAR MOUNT FRAME AS REQUIRED TO MATCH CEILING CONDITION.
2. FURNISH WITH FACTORY APPLIED, OFF-WHITE ENAMEL FINISH.
3. FURNISH ALL SURFACE MOUNT SUPPLY AIR DEVICE WITH CONTINUOUS PERIMETER GASKET SEAL.
4. COORDINATE WITH ARCHITECT FOR COLOR AND REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
5. PROVIDE SQUARE TO ROUND DUCT TRANSITIONS AS REQUIRED.
6. AIR DEVICES ARE TO BE BALANCED ACCORDING CFMS INDICATED ON DRAWING.

# EXHAUST FAN SCHEDULE

| MARK | SERVES | DRIVE | CFM | S.P. IN. W.G. | FAN RPM | ELECTRICAL DATA MOTOR RPM | HP (WATTS) | VOLTS | PHASE | HERTZ | FAN TYPE | CONTROL | WEIGHTS LBS | MAKE / MODEL | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EF-1-1, 2, 3, 4, 5 & 6 | WAREHOUSE | DIRECT | 14,000 | 1.000 | 629 | 1725 | 7.5 | 460 | 3 | 60 | CENTRIFUGAL INLINE | SWITCH | 735 | GREENHECK / BHQ-360-75 | 1, 2, 3, 4 |
| EF-2 | WAREHOUSE RESTROOMS & JANITOR CLOSET | DIRECT | 330 | 0.500 | 1550 | 1725 | 1/10 | 115 | 1 | 60 | CENTRIFUGAL INLINE | SWITCH | 50 | GREENHECK / SQ-90-VG | 1, 2, 3, 4 |
| EF-3 | OFFICE RESTROOMS & JANITOR CLOSET | DIRECT | 620 | 0.500 | 1679 | 1725 | 1/4 | 115 | 1 | 60 | CENTRIFUGAL INLINE | SWITCH | 51 | GREENHECK / SQ-100-VG | 1, 2, 3, 4 |
| EF-4 | DRIVER'S LOUNGE RESTROOM | DIRECT | 70 | 0.500 | 838 | - | (14.3) | 115 | 1 | 60 | CEILING CABINET | LIGHT SWITCH | 12 | GREENHECK / SP-A50-90-VG | 1, 2, 3, 4 |

NOTES:
1. FURNISH UNIT WITH INTERNAL FACTORY MOUNTED & PRE-WIRED DISCONNECT SWITCH.
2. FURNISH WITH GRAVITY DAMPER.
3. FURNISH WITH BIRD SCREEN.
4. FURNISH WITH PRE-WIRED FAN SPEED CONTROLLER

# VENTILATION FAN SCHEDULE

| MARK | SERVES | DRIVE | VELOCITY (FT/MIN) | SIZE (FT) | FAN RPM | ELECTRICAL VOLTS | PHASE | HERTZ | FAN TYPE | CONTROL | WEIGHTS LBS | MAKE / MODEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VF- 1, 2, 3, 4, 5 & 6 | WAREHOUSE | DIRECT | 131 | 24 | 64 | 277 | 1 | 60 | CEILING | SWITCH | 295 | BIG ASS FANS POWERFOIL D |

NOTES:
1. FURNISH WITH MANUFACTURER PROVIDED CONTROLLER.

# HEATER SCHEDULE

| MARK | LOCATION | CFM HIGH / LOW | FUEL TYPE | HEATING CAPACITY INPUT MBH | HEATING CAPACITY OUTPUT MBH | KW | HP | VOLT/ PHASE | WEIGHT | MAKE/MODEL | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RH-1 THRU 25 | WAREHOUSE | - | GAS | 200 | 160 | - | - | 120/1 | 100 | REZNOR VPT-SERIES OR APPROVED ALTERNATE | 1, 2, 3, 4 |
| DF-1 | DOAU-1 | 1810 / 1111 | GAS | 150 | 120 | 4 AMPS | - | 120/1 | 235 | HEATCO HDA150-F-CKF OR APPROVED ALTERNATE | 1, 2, 3, 4 |
| EH-1 | FIRE RISER | 160 | ELECTRIC | 6825 | - | 2 | - | 208/1 | 24 | REZNOR EHC OR APPROVED ALTERNATE | 1, 3, 4 |

NOTES:
1. PROVIDE WITH FACTORY INSTALLED DISCONNECT SWITCH.
2. ROOF VENT CAPS SHALL TERMINATE 36"ABOVE ROOF.
3 PROVIDE WITH FACTORY INSTALLED DISCONNECT SWITCH.
4 PROVIDE WITH MANUFACTURER PROVIDED THERMOSTAT AND SHALL OPERATE WHEN TEMPERATURES FALL BELOW 40°F

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No.:L13189.026 | Permit Issue No.:00000 | AIP/CNos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| COORD. CHECK: | GS | | | | |
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| DATE: | 02AUG21 | 1 | 09SEP21 | ADDENDUM #6 | |
| SCALE: | AS INDICATED | No. | Date | Description | By |

KEY MAP

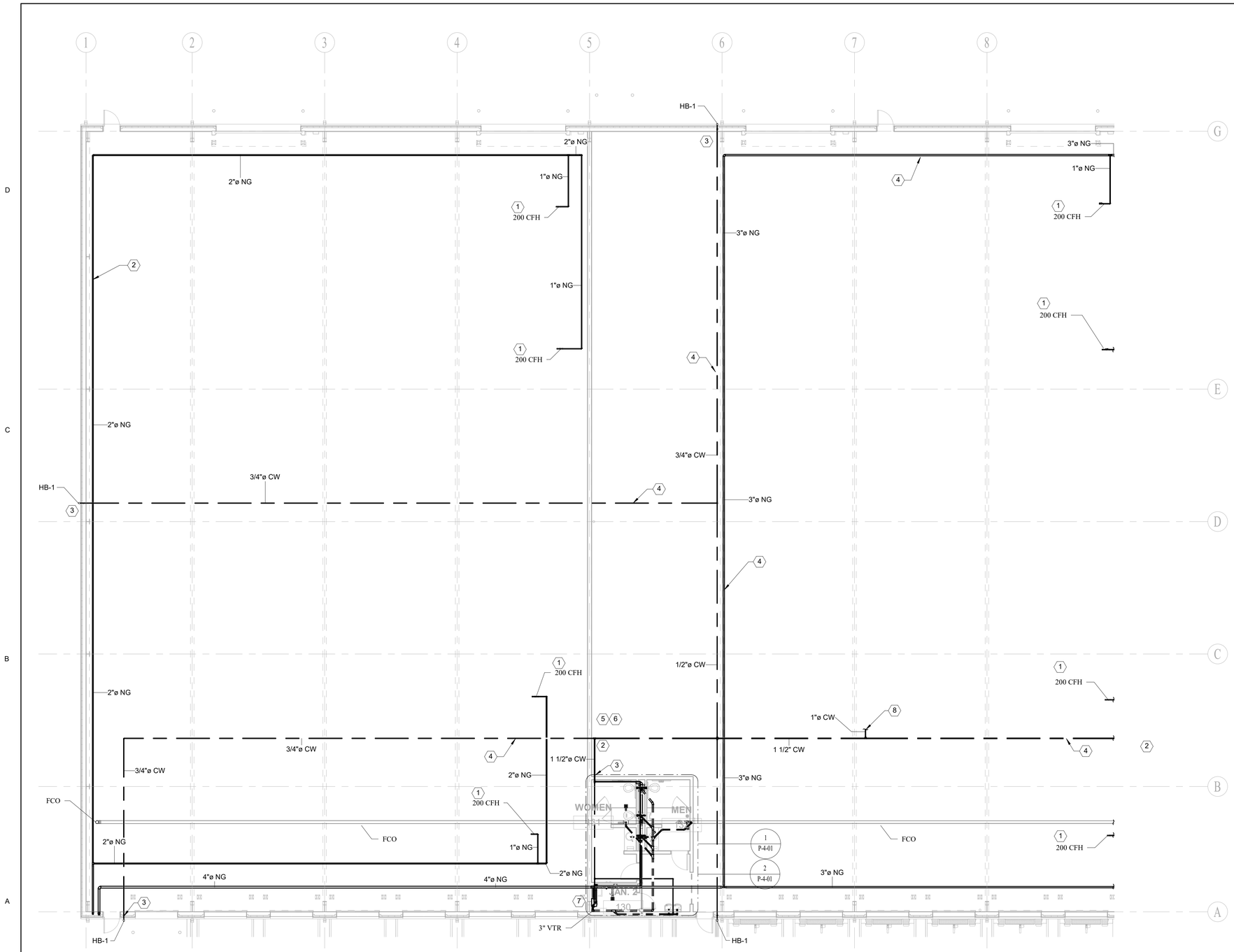
DRAWING DESCRIPTION:

MECHANICAL SCHEDULES

SHEET NO.

MH-6-01

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711




1 PLUMBING - FLOOR PLAN - AREA A
1" = 10'-0"

PLAN NORTH

0' 10' 20' 30' 40'

SCALE: 1"=10'

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

STATE OF TEXAS
MIGUEL FASCINO
138828
LICENSED
PROFESSIONAL ENGINEER
31AUG21

## GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WATER HEATER VENTS AT ROOF EXITS TO AVOID INTERFERENCE WITH PV PANELS OR PV EQUIPMENT. FIELD VERIFY EXACT LOCATIONS.
2. CONTRACTOR SHALL COORDINATE WITH ALL DISCIPLINES AND VERIFY PLUMBING FIXTURES PRIOR TO BEGINNING OF WORK.

## KEYED NOTES (1/P-1-03)

1. MECHANICAL EQUIPMENT GAS CONNECTION. FURNISH AND INSTALL UNION, SHUT-OFF VALVE AND DIRTLEG. REFER TO MECHANICAL SHEETS AND SCHEDULES FOR MORE INFORMATION ON THE MECHANICAL EQUIPMENT. COORDINATE THE EXACT LOCATION WITH ALL DISCIPLINES.
2. ROUTE PLUMBING LINES OVERHEAD. COORDINATE WITH ALL DISCIPLINES FOR EXACT ROUTING AND PROPER CLEARANCES. SUPPORT ALL PIPING TO THE STRUCTURE AS REQUIRED BY LOCAL CODE.
3. ROUTE PLUMBING LINE DOWN. COORDINATE WITH ALL DISCIPLINES FOR EXACT ROUTING LOCATION AND CLEARANCES. SUPPORT ALL PIPING TO THE STRUCTURE AS REQUIRED BY LOCAL CODE. TYPICAL.
4. PROVIDE PIPE SUPPORT AS REQUIRED BY LOCAL CODE. KEEP ALL PLUMBING LINES TIGHT TO STRUCTURE WHILE MAINTAINING SLOPES AS NEEDED.
5. PROVIDE WATER HAMMER. REFER SCHEDULES FOR SIZING.
6. PROVIDE SHUT OFF VALVE TO EACH MAIN LINE. PROVIDE ACCESS PANEL IN CEILING. COORDINATE WITH ARCHITECT.
7. REFER TO SHEET A-106 FOR ROOF PV PANEL LAYOUTS. FIELD VERIFY AND ENSURE THE WATER HEATER VENTS DO NOT INTERFERE.
8. ROUTE 1" DOMESTIC WATER LINE UP TO ROOF AND PROVIDE ROOF HYDRANT EQUAL TO WOODFORD RHY2 SERIES. PROVIDE A FULL-SIZE SOFT COPPER DRAIN FROM ROOF HYDRANT TO MOP SINK IN JANITORS CLOSET 130.

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C No.s.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| DATE: | 02AUG21 | 1 | 9/9/21 | ADDENDUM 6 |
| SCALE: | 1" = 10'-0" | No. | Date | Description By |

KEY MAP A SECTOR J3

DRAWING DESCRIPTION:

## AREA A FLOOR PLAN

SHEET NO.

P-1-03

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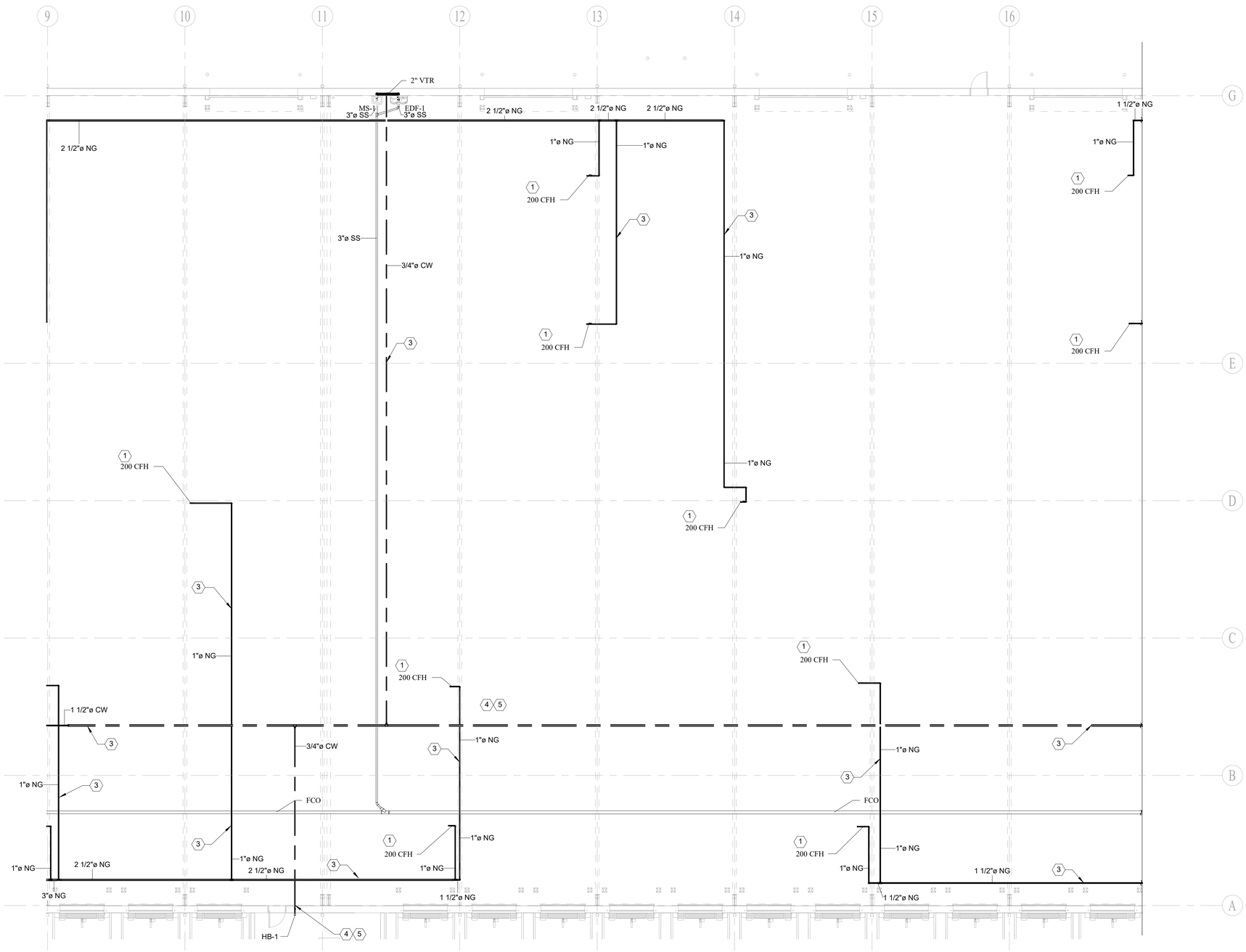


1 PLUMBING - FLOOR PLAN - AREA B
1" = 10'-0"

PLAN NORTH

0' 10' 20' 30' 40'
SCALE: 1"=10'

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

STATE OF TEXAS
MIGUEL FASCINO
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PROFESSIONAL ENGINEER
31AUG21

## GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WATER HEATER VENTS AT ROOF EXITS TO AVOID INTERFERENCE WITH PV PANELS OR PV EQUIPMENT. FIELD VERIFY EXACT LOCATIONS.
2. CONTRACTOR SHALL COORDINATE WITH ALL DISCIPLINES AND VERIFY PLUMBING FIXTURES PRIOR TO BEGINNING OF WORK.

## KEYED NOTES (1/F-1-04)

1. MECHANICAL EQUIPMENT GAS CONNECTION. FURNISH AND INSTALL UNION, SHUT-OFF VALVE AND DIRTLEG. REFER TO MECHANICAL SHEETS AND SCHEDULES FOR MORE INFORMATION ON THE MECHANICAL EQUIPMENT. COORDINATE THE EXACT LOCATION WITH ALL DISCIPLINES.
2. DO NOT USE.
3. PROVIDE PIPE SUPPORT AS REQUIRED BY LOCAL CODE. KEEP ALL PLUMBING LINES TIGHT TO STRUCTURE WHILE MAINTAINING SLOPES AS NEEDED.
4. PROVIDE WATER HAMMER. REFER SCHEDULES FOR SIZING.
5. PROVIDE SHUT OFF VALVE TO EACH MAIN LINE. PROVIDE ACCESS PANEL IN CEILING. COORDINATE WITH ARCHITECT.
6. REFER TO SHEET A-106 FOR ROOF PV PANEL LAYOUTS. FIELD VERIFY AND ENSURE THE WATER HEATER VENTS DO NOT INTERFERE.

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TBPE FIRM # F-7964

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN, AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| DATE: | 02AUG21 | 1 | 9/9/21 | ADDENDUM 6 |
| SCALE: | 1" = 10'-0" | No. | Date | Description By |

KEY MAP — B — SECTOR J3

DRAWING DESCRIPTION:

## AREA B FLOOR PLAN

SHEET NO.

P-1-04

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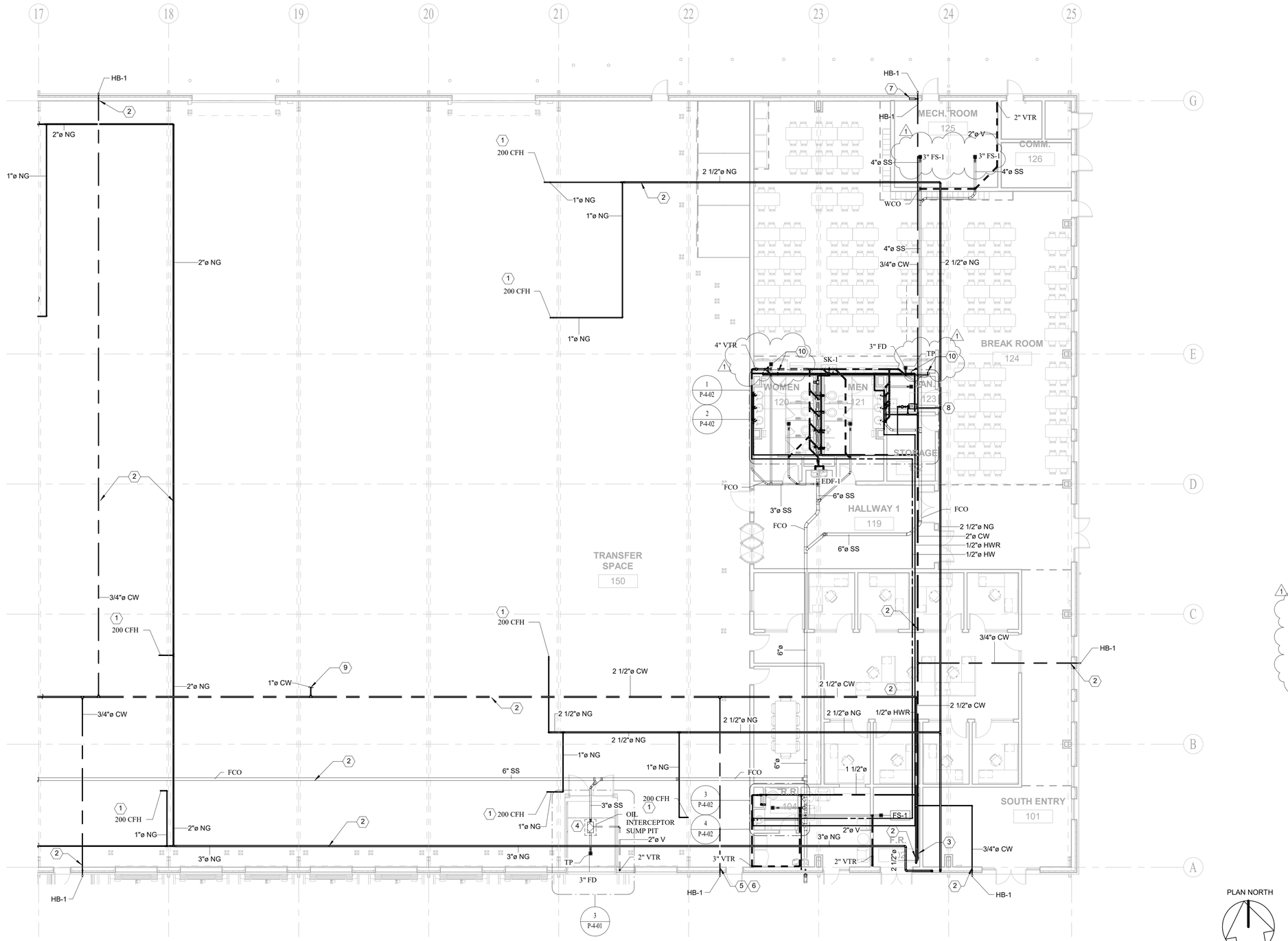
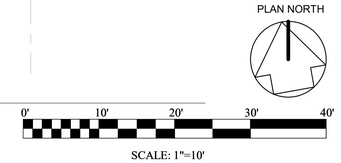



1 PLUMBING - FLOOR PLAN - AREA C
1" = 10'-0"




ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

STATE OF TEXAS
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PROFESSIONAL ENGINEER
31AUG21

## GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WATER HEATER VENTS AT ROOF EXITS TO AVOID INTERFERENCE WITH PV PANELS OR PV EQUIPMENT. FIELD VERIFY EXACT LOCATIONS.
2. CONTRACTOR SHALL COORDINATE WITH ALL DISCIPLINES AND VERIFY PLUMBING FIXTURES PRIOR TO BEGINNING OF WORK.

## KEYED NOTES (1/P-1-05)

1. MECHANICAL EQUIPMENT GAS CONNECTION. FURNISH AND INSTALL UNION, SHUT-OFF VALVE AND DIRTLEG. REFER TO MECHANICAL SHEETS AND SCHEDULES FOR MORE INFORMATION ON THE MECHANICAL EQUIPMENT. COORDINATE THE EXACT LOCATION WITH ALL DISCIPLINES.
2. PROVIDE PIPE SUPPORT AS REQUIRED BY LOCAL CODE. KEEP ALL PLUMBING LINES TIGHT TO STRUCTURE WHILE MAINTAINING SLOPES AS NEEDED.
3. ROUTE DOMESTIC WATER LINE ABOVE PLENUM TO SERVE RESTROOM 104 AND BREAK RESTROOM AREA.
4. PROVIDE ZURN Z1196 7-GALLON OIL SEPARATOR UNDERGROUND IN ROUTE TO THE MAIN SANITARY LINE. PROVIDE A 2" VENT TO SERVE OIL SEPARATOR.
5. PROVIDE WATER HAMMER. REFER SCHEDULES FOR SIZING.
6. PROVIDE SHUT OFF VALVE TO EACH MAIN LINE. PROVIDE ACCESS PANEL IN CEILING. COORDINATE WITH ARCHITECT.
7. PROVIDE TRAP PRIMER EQUAL TO PPP ELETRONIC TRAP PRIMER PTS-4 TO SERVE FLOOR SINKS IN MECHANICAL ROOM.
8. REFER TO SHEET A-106 FOR ROOF PV PANEL LAYOUTS. FIELD VERIFY AND ENSURE THE WATER HEATER VENTS DO NOT INTERFERE.
9. ROUTE 1" DOMESTIC WATER LINE UP TO ROOF AND PROVIDE ROOF HYDRANT EQUAL TO WOODFORD RHY2 SERIES.PROVIDE A FULL-SIZE SOFT COPPER DRAIN FROM ROOF HYDRANT TO FLOOR DRAIN IN ELEVATOR PIT.
10. 3/4" WATER LINE TO DROP DOWN AND SERVE ICE MAKER. PROVIDE VALVE BOX (VB-1)

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AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| CHECKED BY: | BH | | | |
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| SCALE: | 1" = 10'-0" | No. | Date | Description By |

KEY MAP — C — SECTOR J3

DRAWING DESCRIPTION:

## AREA C FLOOR PLAN

SHEET NO.

**P-1-05**

DocuSign Envelope ID: 1A489B50-6807-4B8F-AB74-F82A240A9711

## PLUMBING FIXTURE SCHEDULE

| | | |
|---|---|---|
| WC-1<br>WATER<br>CLOSET | TOP SPUD. WALL HUNG, WHITE VITREOUS CHINA ELONGATED BOWL, HARD WIRED SENSOR OPERATED EXPOSED FLUSHOMETER, 1.1 GALLON PER FLUSH. CHURCH WHITE OPEN FRONT SEAT LESS COVER. PROVIDE CHAIR CARRIER AS REQUIRED. | KOHLER "ULTRA" # K-84325<br>SLOAN "ROYAL" 111-1.1 - TMO - HW (1.1 GPF)<br>(SEE NOTE 2) |
| WC-2<br>WATER CLOSET<br>A.D.A. COMPLIANT | TOP SPUD. WALL HUNG, WHITE VITREOUS CHINA ELONGATED BOWL, HARD WIRED SENSOR OPERATED EXPOSED FLUSHOMETER, 1.1 GALLON PER FLUSH. CHURCH WHITE OPEN FRONT SEAT LESS COVER. PROVIDE CHAIR CARRIER AS REQUIRED. MOUNT AT ADA HEIGHT. | KOHLER "ULTRA" # K-84325<br>SLOAN "ROYAL" 111-1.1 - TMO - HW (1.1 GPF)<br>(SEE NOTE 2) |
| U-1<br>URINAL | WALL MOUNTED, VITREOUS CHINA, TOP SPUD, 0.125 GPF, EXPOSED FLUSHOMETER. PROVIDE CARRIER AS REQUIRED. MOUNT AS INDICATED ON ARCHITECTURAL PLANS. HARDWIRED SENSOR OPERATORED. | KOHLER "BARDON SUPERIOR" # K-4991-ET<br>SLOAN "OPTIMA" 1896 ES-S (0.125 GPF)<br>(SEE NOTE 2) |
| U-2<br>URINAL<br>ADA COMPLIANT | WALL MOUNTED, VITREOUS CHINA, TOP SPUD, 0.125 GPF, EXPOSED FLUSHOMETER. PROVIDE CARRIER AS REQUIRED. MOUNT ADA OR TAS HEIGHT AS INDICATED ON ARCHITECTURAL PLANS. HARDWIRED SENSOR OPERATORED. | KOHLER "BARDON SUPERIOR" # K-4991-ET<br>SLOAN "OPTIMA" 1896 ES-S (0.125 GPF)<br>(SEE NOTE 2) |
| L-1<br>LAVATORY | UNDERCOUNTER MOUNTED VITREOUS CHINA, NOMINAL 20-7/8" X 14-3/8" FRONT OVERFLOW, HARDWIRED SENSOR OPERATED DECK MOUNTED FAUCET. 0.35 GPM MULTI-LAMINAR SPRAY OUTLET. PROVIDE WITH BATTERY BACK-UP. COORDINATE AND SPECIFY FAUCET PUNCHING. METERING CYCLE SET TO 12-15 SECONDS. SINGLE SUPPLY FOR TEMPERED WATER.. CHROME PLATED P-TRAP. ESCUTCHEON. CHICAGO NO. 1006 LOOSE KEY STOPS WITH RISERS, CHROME PLATED BRASS GRID STRAINER, PROVIDE CARRIER. PROVIDE TRAP PRIMER CONNECTION WHEN REQUIRED. | KOHLER "LADENA" K-2214<br>CHICAGO FAUCETS 116.707.AB.1 (0.35 GPM)<br>MIXING VALVE SYMMONS 7-225 CK-MS 110° ADJ.<br>(SEE NOTE 2) |
| MS-1<br>MOP SINK | FIAT FLOOR MOUNTED CORNER UNIT 32" X 32" X 12" HIGH RECEPTOR COMPOSED OF PRECAST TERRAZZO WITH STAINLESS STEEL THRESHOLD CAP. EXPOSED YOKE WALL MOUNT FAUCET AND METAL LEVER HANDLES WITH HOT AND COLD INDICATORS. 1/2" NPT FEMALE INLETS CAST BRASS BODY WITH 1/4 TURN CERAMIC DISC VALVES CARTRIDGES THAT ARE REVERSIBLE FOR USE ON BOTH HOT AND COLD SIDES. VACUUM BREAKER THAT PREVENTS BACKFLOW, SPOUT WITH BUCKET HOOK AND THREADED HOSE END. PROVIDE MOUNTING REINFORCEMENT FOR ALL WALL SUPPORTS. | TSBC-3001<br>AMERICAN STANDARD FAUCET # 8340.243 |
| SK-1<br>SINK<br>A.D.A COMPLIANT | DOUBLE COMPARTMENT WITH FAUCET DECK, MODIFIED DEPTH MEETING A.D.A., NOMINAL OVERALL SIZE 33" X 19-1/2" X 5-1/2" DEEP. 18 GAUGE TYPE 304 STAINLESS STEEL, SELF-RIMMING, FULLY COATED ON UNDERSIDE FOR SOUNDPROOFING. DECK MOUNTED HOLE HOT AND COLD WATER SINK FAUCET WITH 5" RIGID/SWING GOOSENECK SPOUT, 1.5 GPM VANDAL PROOF NON-AERATING SPRAY OUTLET, 4" VANDAL PROOF W/RISTBLADE HANDLES. ELKAY NO. LK-18 CHROME PLATED BRASS PERFORATED GRID STRAINER DRAIN OUTLETS WITH TAILPIECES. ELKAY NO. 53 CONTINUOUS WASTE, McGUIRE 8912, 17 GA. P-TRAP. CHICAGO NO. 1006 LOOSE KEY SUPPLIES WITH RISERS AND ESCUTCHEON. | ELKAY LRAD-331955<br>ELKAY FAUCET # LK406GN08L2 (1.5 GPM)<br>MIXING VALVE SYMMONS 7-225 CK-MS 120° ADJ.<br>(SEE NOTE 2) |
| EDF-1<br>DRINKING<br>FOUNTAIN<br>A.D.A. COMPLIANT | WALL MOUNTED BRASS FREE NO LEAD STAINLESS STEEL TWO-LEVEL WHEELCHAIR ACCESS WATER COOLER WITH BOTTLE FILLING STATION, PUSHBAR ACTIVATION. BOTTLE FILLING UNITS SHALL INCLUDE AN ELECTRONIC SENSOR FOR TOUCHLESS ACTIVATION WITH AN AUTOMATIC 20-SECOND SHUTOFF TIMER. FLEXI-GUARD SAFETY BUBBLER. DESIGN SHALL MEET ADA DUAL HEIGHT REQUIREMENTS. SUPPLY: MCGUIRE NO. 2165 CHROME PLATED SINGLE WALL FLANGE, WHEEL HANDLE STOPS, 3/8" IPS WITH 3/8" O.D. 12" LONG FLEXIBLE RISER, CHROME PLATED. P-TRAP: MCGUIRE NO. 8902, 1 1/4"x1 1/2"x17 GAUGE, CHROME PLATED CAST BRASS ADJUSTABLE SWIVEL P-TRAP WITH CLEANOUT, SLIP JOINT INLET AND TUBULAR WALL BEND WITH SHALLOW STEEL FLANGE. CARRIER: MIFAB NO. MC32 TOP AND BOTTOM HANGER PLATE CARRIER, PIPE UPRIGHTS, BLOCK BASE FEET. MOUNTING HEIGHT: INSTALL IN ACCORDANCE WITH ADA REGULATIONS. PROVIDE CANE TOUCH APRON. | ELKAY NO. LZSTL8WSSP |
| HB-1<br>HOSE BIBB | EXPOSED TYPE MILD CLIMATE, FREEZE PROOF ANTI-CONTAMINATION WALL FAUCET WITH 3/4" MALE HOSE CONNECTION ANDANTI-SIPHON VACUUM BREAKER. EXTERIOR FINISH TO BE CAST BRASS, FURNISHED OPERATING KEY TO BE CAST IRON WHEEL HANDLE. | MIFAB MHY-26 |
| WCO<br>WALL CLEANOUT | CAST IRON CLEANOUT FERRULE WITH BRONZE RAISED HEAD PLUG AND ROUND STAINLESS STEEL COVER PLATE WITH CENTER SECURING SCREW. PROVIDE CAST IRON CLEANOUT TEE IN LIEU OF FERRULE AS REQUIRED FOR WALL CONSTRUCTION. | MIFAB C1440-RD6<br>MIFAB C1460 |
| FCO<br>FLOOR CLEANOUT | CAST IRON BODY WITH SECONDARY O-RING TEST SEAL AND ADJUSTABLE COMBINED ACCESS COVER/PLUG TOP ASSEMBLY WITH PRIMARY GASKET SEAL, AND ROUND SCORIATED NICKEL BRONZE COVER AND FOR CARPETED FLOORS. | MIFAB C1100-R-1<br>MIFAB C1100-RC-1 |
| FD-1<br>FLOOR DRAIN | BOTTOM OUTLET CAST IRON BODY, ADJUSTABLE 6" DIAMETER NICKEL BRONZE STRAINER WITH VANDAL PROOF SCREWS. PROVIDE CLAMPING DEVICE FOR DRAINS IN MEMBRANE FLOOR AREAS. | MIFAB F1100-1-6. |
| VB-1<br>VALVE BOX | REFRIGERATOR VALVE BOX, 10-3/4" X 9", 16 GUAGE STEEL WITH EPOXY FINISH, 5/8" O.D. SWEAT CONNECTION | GUY GRAY BIM 875 |
| FS-1<br>FLOOR SINK | 12"X12X10" DEEP CAST IRON FLOOR AREA AND INDIRECT SANITARY WASTE DRAIN COMPLETE WITH WHITE ACID RESISTANT PORCELAIN ENAMEL COATED INTERIOR, LOOSE SET GRATE AND ANCHOR FLANGE WITH WEEPHOLES. ANTI-SPLASH ALUMINUM DOME STRAINER INCLUDED. PIPE SIZE AS NOTED ON PLANS. PROVIDED 1/2" TRAP PRIMER CONNECTION. | MIFAB FS 1740-FL |

NOTES:

1. FURNISH AND INSTALL SLOAN TRANSFORMER MODEL NO. EL-154 TO WATERCLOSET AND URINAL FLUSH VALVE. MAXIMUM TEN (10) WATERCLOSET FLUSH VALVES PER TRANSFORMER. DIV. 22
2. CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR FINAL 115/1/60 CONNECTION TO TRANSFORMER PRIMARY SIDE AND ALL LOW VOLTAGE CONNECTIONS. ALL LOW VOLTAGE WIRING SUBJECT TO MECHANICAL DAMAGE SHALL BE ROUTED IN CONDUIT. CONDUIT AND INSTALLATION OF SAME TO BE IN ACCORDANCE WITH DIV. 26 SPECIFICATIONS.

## PLUMBING FIXTURE CONNECTION SCHEDULE

| MARK | FIXTURE | CW | HW | SS | V | GW | GV | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| WC-1 | WATER CLOSET | 1 1/2 | - | 4" | 2" | - | - | WALL MOUNT, VITREOUS CHINA, FLUSH VALVE, STANDARD HEIGHT |
| WC-2 | WATER CLOSET | 1 1/2" | - | 4" | 2" | - | - | WALL MOUNT, VITREOUS CHINA, FLUSH VALVE, ADA COMPLIANT |
| U-1 | URINAL | 3/4" | - | 2" | 2" | - | - | WALL HUNG, VITREOUS CHINA, STANDARD HEIGHT |
| U-2 | URINAL | 3/4" | - | 2" | 2" | - | - | WALL HUNG, VITREOUS CHINA, ADA OR TAS HEIGHT |
| L-1 | LAVATORY | 1/2" | 1/2" | 2" | 2" | - | - | UNDERCOUNTER MOUNTED VITREOUS CHINA, MIXING VALVE TO SERVE WATER AT 110 DEGREES F |
| SK-1 | SINGLE SINK | 1/2" | 1/2" | 2" | 2" | - | - | WALL MOUNTED STAINLESS STEEL, MIXING VALVE TO SERVE WATER AT 110 DEGREES F |
| MS-1 | MOP SINK | 3/4" | 3/4" | 3" | 2" | - | - | FLOOR MOUNTED |
| EDF-1 | ELECTRIC DRINKING FOUNTAIN | 1/2" | - | 2" | 2" | - | - | HI-LO ADA COMPLAINT |
| HB-1 | HOSE BIBB | 3/4" | - | - | - | - | - | FINISH AREA |
| FD-1 | FLOOR DRAIN | - | - | 3" | 2" | - | - | FINISH AREA |
| FS-1 | FLOOR SINK | - | - | 3" | 2" | - | - | FINISH AREA |

## HOT WATER CIRCULATING PUMP

| ITEM NO. | DESCRIPTION | SERVICE TO | TYPE | GPM | HEAD FEET | H.P. MIN | VOLT/ PHASE | MAX. RPM | MANUFACTURES AND MODEL |
|---|---|---|---|---|---|---|---|---|---|
| HWRP-1 | HOT WATER RECIRCULATION PUMP | GWH-1 | IN-LINE BRONZE | 1.0 | 17 | 1/6 | 115/1 | 3,150 | GRUNDFOS UP48-75-BF |
| HWRP-2 | HOT WATER RECIRCULATION PUMP | GWH-2 | IN-LINE BRONZE | 1.0 | 17 | 1/6 | 115/1 | 3,150 | GRUNDFOS UP48-75-BF |

NOTE:

1. PROVIDE HWRPS WITH TIMER SET TO OPERATE BASED ON OCCUPANCY SCHEDULE.

## GAS WATER HEATER SCHEDULE

| ITEM NO. | MAX INPUT (BTU) | STORAGE CAPACITY (GALLONS) | ELECTRICAL REQUIRED | UEF | MAX GPM | STORED WATER TEMP | MANUFACTURERS COMMENTS | NOTES |
|---|---|---|---|---|---|---|---|---|
| GWH-1 | 160,000 | - | 120/60 | 0.90 | 6.6 | 120°F | A.O SMITH ATI 240H-N | 1 |
| GWH-2 | 120,000 | - | 120/60 | 0.90 | 6.6 | 120°F | A.O SMITH ATI 140H-N | 1 |

NOTE:

1. WATER HEATERS SHALL BE UL RATED, TANKLESS ONLY AND SHALL BE ASME APPROVED AND STAMPED.

## HYDRAULIC SHOCK ARRESTORS

| P.D.I. SYMBOL | FIXTURE UNITS | CHAMBER LENGTH | SWEAT CONNECTION |
|---|---|---|---|
| A | 1-11 | 9-5/8" | 1/2" |
| B | 12-32 | 11-3/4" | 3/4" |
| C | 33-60 | 14-11/18" | 1" |
| D | 61-113 | 12-3/8" | 1" |
| E | 114-154 | 15-3/8" | 1" |
| F | 155-330 | 17-3/8" | 1" |

PIPE MATERIAL LIST

COORDINATE WITH SPEC'S.

DOMESTIC WATER PIPING

ABOVE SLAB INSIDE THE BUILDING SHALL BE SEAMLESS ASTM B 88 TYPE L COPPER WATER TUBE WITH WROUGHT COPPER FITTINGS, ANSI B16.22. SOLDER MATERIAL SHALL BE 95.5% LEAD FREE, ASTM B 32. THE USE OF DRILLED-T CONNECTIONS IS NOT PERMITTED.

BELOW SLAB WITHIN 5'-0" OF THE BUILDING SHALL BE ASTM B 88 TYPE K SOFT COPPER WATER TUBE WITH NO FITTINGS.

ALL DOMESTIC WATER PIPING SHALL BE INSULATED.

SANITARY SOIL WASTE AND VENT PIPING

ABOVE FLOOR INSIDE BUILDING SHALL BE NO-HUB CAST IRON SYSTEM CONFORMING TO CISPI STANDARD NO. 301-75. NEOPRENE GASKETS SHALL CONFORM TO ASTM STANDARD C564-75 WITH STAINLESS STEEL HEAVY DUTY COUPLINGS.

BELOW GRADE SHALL SCHEDULE 40 PVC

NATURAL GAS PIPING

ABOVE SLAB INSIDE BUILDING SHALL BE SCHEDULE 40 BLACK STEEL
PIPE AND FITTINGS SHALL MEET ASME B 36.10,10M; ASTM A 53/A53M; OR ASTM A 106

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

STATE OF TEXAS
MIGUEL FASCINO
138828
LICENSED
PROFESSIONAL ENGINEER
31AUG21

ATKINS
11801 Domain Blvd., Suite 500 -
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CNG ENGINEERING
MEP DESIGN | PLANNING | COMMISSIONING
1917 N NEW BRAUNFELS AVE, SUITE 201
SAN ANTONIO, TEXAS 78208
T 210.224.8841 F 210.224.8224
www.cngengineering.com
TBPE FIRM # F-7964

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

# AUS CARGO DEVELOPMENT EAST

9402 FREIGHT LN. AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

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| DRAWN BY: ON | | | | |
| CHECKED BY: BH | | | | |
| COORD. CHECK: TT / KP | | | | |
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| DATE: 02AUG21 | 1 | 9/9/21 | ADDENDUM 6 | |
| SCALE: 1/8" = 1'-0" | No. | Date | Description | By |

KEY MAP SECTOR J3

DRAWING DESCRIPTION:

**SCHEDULES**

SHEET NO.

**P-6-01**

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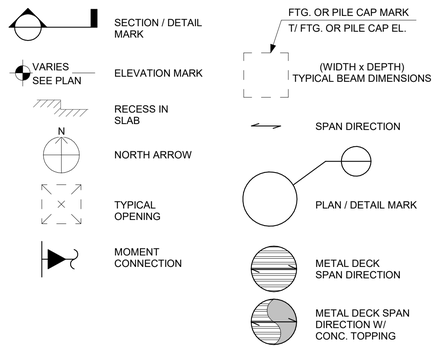
# STRUCTURAL ABBREVIATIONS

| | |
|---|---|
| # | POUNDS |
| & | AND |
| +/- | PLUS OR MINUS |
| @ | AT |
| A/E | ARCHITECT/ENGINEER |
| AB | ANCHOR BOLTS |
| ABBREV | ABBREVIATION |
| ACI | AMERICAN CONCRETE INSTITUTE |
| ADD | ADDITIVE |
| ADDL | ADDITIONAL |
| AFF | ABOVE FINISH FLOOR |
| AHU | AIR HANDLING UNIT |
| AISC | AMERICAN INSTITUTE OF STEEL CONSTRUCTION |
| AISI | AMERICAN IRON AND STEEL INSTITUTE |
| ALT | ALTERNATE/ALTERNATIVE |
| ALUM, AL | ALUMINUM |
| ARCH | ARCHITECTURE/ARCHITECTURAL |
| ASPH | ASPHALT |
| ASTM | AMERICAN SOCIETY OF TESTING MATERIALS |
| AWS | AMERICAN WELDING SOCIETY |
| B/, BO | BOTTOM OF |
| BFF | BELOW FINISH FLOOR |
| BIT | BITUMINOUS, BITUMASTIC |
| BLDG | BUILDING |
| BLK | BLOCK |
| BM | BENCH MARK |
| BM | BEAM |
| BOT | BOTTOM |
| BP | BASE PLATE/BEARING PLATE |
| BRG | BEARING |
| BTWN | BETWEEN |
| BU | BUILT-UP |
| C | CHANNEL |
| CB | CONCRETE BEAM |
| CC | CONCRETE COLUMN |
| CF | CUBIC FEET (FOOT) |
| CI | CAST-IRON |
| CIP | CAST IN PLACE |
| CJ | CONTROL JOINT |
| CL | CENTER LINE |
| CLR | CLEAR/CLEARANCE |
| CM | CONCRETE MASONRY |
| CMP | CORRUGATED METAL PIPE |
| CMU | CONCRETE MASONRY UNIT |
| CO | COMPANY |
| COL | COLUMN |
| CONC | CONCRETE |
| CONN | CONTINUOUS |
| CONST | CONSTRUCTION |
| COORD | COORDINATE |
| CS | CAST-STEEL |
| CSJ | CONSTRUCTION JOINT |
| CTR | CENTER |
| CTRD | CENTERED |
| CV | CUBIC YARD |
| DBA | DEFORMEDABLE BAR ANCHOR(WELDABLE REBARS) |
| DEPT | DEPARTMENT |
| DET | DETAIL |
| DIA | DIAMETER |
| DIAG | DIAGONAL |
| DIM | DIMENSION |
| DIST | DISTANCE |
| DN | DOWN |
| DR | DRAIN |
| DWG | DRAWING |
| EA | EACH |
| EE | EACH END |
| EF | EACH FACE |
| EJ | EXPANSION JOINT |
| EL, ELEV | ELEVATION, ELEVATOR |
| ELEC | ELECTRIC/ELECTRICAL |
| ENGR | ENGINEER |
| EQ SP | EQUAL SPACED |
| ES | EACH SIDE |
| EW | EACH WAY |
| EXIST | EXISTING |
| EXP | EXPANSION |
| EXT | EXTERIOR |
| FD | FLOOR DRAIN |
| FDN | FOUNDATION |
| FF FLR | FINISHED FLOOR |
| FIN | FINISH |
| FIN GR | FINISH GRADE |
| FOW | EXTERIOR FACE OF WALL (REVEAL SIDE) |
| FP | FULL PENETRATION WELD |
| FS | FAR SIDE |
| FT | FEET/FOOT |
| FTG | FOOTING |
| GA | GAGE/GAUGE |
| GALV | GALVANIZED |
| GC | GENERAL CONTRACTOR |
| GEN | GENERAL |
| GL | GRID LINE |
| GS | GALVANIZED STEEL |
| GSN | GENERAL STRUCTURAL NOTES |
| HCS | HOLLOW CORE SLAB |
| HORIZ | HORIZONTAL |
| HSA | HEADED STUD ANCHOR |
| HSB | HIGH STRENGTH BOLT (A-325) |
| HT | HEIGHT |
| ID | INSIDE DIAMETER |
| IF | INSIDE FACE |
| IN | INCH |
| INT | INTERIOR |
| INV | INVERT |
| Ip | MOMENT OF INERTIA |
| JST | JOIST |
| JT | JOINT |
| K | 1,000 POUNDS (KIP) |
| KWY | KEYWAY |
| L | ANGLE |
| LDG | LANDING |
| LG L | LONG ANGLE |
| LGTH | LENGTH |
| LLH | LONG LEG HORIZONTAL |
| LLV | LONG LEG VERTICAL |
| LT WT | LIGHT WEIGHT |
| MATL | MATERIAL |
| MAX | MAXIMUM |
| MB | MASONRY BEAM, MACHINE BOLT |
| MECH | MECHANICAL |
| MEP, M/E/P | MECHANICAL,ELECTRICAL,PLUMBING |
| MET | METAL |
| MFR | MANUFACTURE/MANUFACTURER |
| MID | MIDDLE |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| MO | MASONRY OPENING |
| MPH | MILES PER HOUR |
| NIC | NOT IN CONTRACT |
| NO | NUMBER |
| NS | NEAR SIDE |
| NTS | NOT TO SCALE |
| OC | ON CENTERS |
| OD | OUTSIDE DIAMETER |
| OF | OUTSIDE FACE |
| OPNG | OPENING |
| PAF | POWDER ACTIVATED FASTENERS |
| PAR | PARALLEL |
| PC | PRECAST CONCRETE |
| PCF | POUNDS PER CUBIC FEET |
| PCI | PRECAST CONCRETE INSTITUTE |
| PCL | PRECAST/PRESTRESSED CONCRETE LINTEL |
| PEMB | PRE ENGINEERED METAL BUILDING |
| PEN | PENETRATION |
| PJF | PREMOLDED BITUMINOUS JOINT FILLER |
| PL | PROPERTY LINE, PLATE |
| PLF | POUNDS PER LINEAR FOOT |
| PLY | PLYWOOD |
| PREFAB | PREFABRICATED |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| PT | PRESSURE TREATED |
| RCP | REINFORCED CONCRETE PIPE |
| RD | ROOF DRAIN |
| REF | REFERENCE |
| REINF | REINFORCING |
| REQD | REQUIRED |
| RTU | ROOF TOP UNIT |
| RW | RETAINING WALL |
| SBP | SOIL BEARING PLATE |
| SCHED | SCHEDULE |
| SIM | SIMILAR |
| SJI | STEEL JOIST INSTITUTE |
| SOG | SLAB ON GRADE |
| Sp | SECTION MODULES |
| SPC | SPACE/SPACES |
| SPCG | SPACING |
| SPECS | SPECIFICATIONS |
| SQ | SQUARE |
| SS | STAINLESS STEEL |
| STD | STANDARD |
| STIFF | STIFFENER |
| STL | STEEL |
| STRUCT | STRUCTURAL |
| SYM | SYMMETRICAL |
| SYP | SOUTHERN YELLOW PINE WOOD |
| T&B | TOP AND BOTTOM |
| T/, TO | TOP OF |
| TB | TIE BEAM |
| TDS | TURN DOWN SLAB |
| TEMP | TEMPERATURE |
| TENS | TENSION |
| THD | THREAD/THREADED |
| THK | THICK |
| TOL | TOLERANCE |
| TS | TUBE STEEL/THICKENED SLAB |
| TYP | TYPICAL |
| UNO | UNLESS NOTED OTHERWISE (ALSO UON) |
| VERT | VERTICAL |
| VOL | VOLUME |
| VWP | VERIFY WITH PROCESS |
| W | WIDE FLANGE |
| W/ | WITH |
| WD | WOOD |
| WF | WALL FOOTING |
| WH | WEEP HOLE |
| WO, W/O | WITHOUT |
| WP | WORKING POINT, WATERPROOF |
| WS | WELDED STUD |
| WT | WEIGHT, STRUCTURAL TEE SECTION |
| WWF | WELDED WIRE FABRIC |
| Ø | DIAMETER |

NOTE: ABBREVIATIONS MAY BE SHOWN WITH OR WITHOUT PERIODS (IE, AWS OR A.W.S.)

# STRUCTURAL SYMBOLS




# STRUCTURAL GENERAL NOTES

**GENERAL STRUCTURAL CRITERIA**

1. STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE ONCE IN SERVICE. NO CONSIDERATION FOR STABILITY AND SHORING IS ASSUMED BY THE ENGINEER DURING THE BUILDING PROCESS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THE STABILITY AND SAFETY OF THE STRUCTURE AND ITS COMPONENTS BY DETERMINING AND IMPLEMENTING ERECTION PROCEDURES AND SEQUENCE OF CONSTRUCTION. THIS INCLUDES TEMPORARY BRACING AND SHORING AS WELL AS SOIL STABILIZATION AND PROTECTIVE MEASURES FOR ADJACENT EXISTING CONSTRUCTION.
2. STRUCTURAL DRAWINGS AND SPECIFICATIONS SHALL BE UTILIZED CONCURRENTLY WITH ARCHITECTURAL, SITE, AND ENGINEERING DRAWINGS OF OTHER DISCIPLINES TO CONSULT INFORMATION NOT EXPLICITLY INDICATED ON STRUCTURAL DRAWINGS.
3. CONTRACTOR SHALL VERIFY DIMENSIONS AND SITE CONDITIONS PRIOR TO PROCEEDING WITH PROCUREMENT OF MATERIALS AND LABOR, FABRICATION, AND CONSTRUCTION WORK. WHERE DISCREPANCIES EXIST, NOTIFY ARCHITECT / ENGINEER OF SUCH DISCREPANCIES IN WRITING VIA A REQUEST FOR INFORMATION / INTERPRETATION (RFI) BEFORE PROCEEDING WITH THE WORK IN THE AFFECTED AREA IN QUESTION.
4. NO STRUCTURAL MEMBER OR COMPONENT SHALL BE CUT, NOTCHED, OR OTHERWISE ALTERED UNLESS APPROVED IN WRITING BY STRUCTURAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COSTS INCURRED BY STRUCTURAL ENGINEER FOR REVIEW OF SUCH DEVIATIONS AND IMPLEMENTATION OF APPROPRIATE SOLUTIONS.
5. PRIOR TO COMMENCING WORK, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING AND COORDINATING WITH THE SUB-CONTRACTORS WORK INDICATED ON STRUCTURAL DRAWINGS WITH ARCHITECTURE, SITE WORK, DELEGATED COMPONENTS, AND THE WORK OF OTHER ENGINEERING DISCIPLINES.
6. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS ARE REPRESENTATIVE OF THE FINISHED STRUCTURE. THE STRUCTURAL ENGINEER SHALL NOT BE IN RESPONSIBLE CHARGE AND CONTROL OF CONSTRUCTION MEANS, METHODS, PROCEDURES AND CONSTRUCTION TECHNIQUES, AND JOBSITE SAFETY. THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. THE STRUCTURAL ENGINEER SHALL NOT BE CONSTRUED AS HAVING CONTROL, CHARGE, AND RESPONSIBILITY FOR THE ACTS AND OMISSIONS AND FOR FAILURE OF THE CONTRACTOR, SUB-CONTRACTOR, AND OTHER PERSONS PERFORMING THE WORK TO CARRY OUT SUCH WORK IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS AND COLLECTIVE CONTRACT DOCUMENTS.
8. PERIODIC SITE OBSERVATION BY THE STRUCTURAL ENGINEER AND HIS / HER REPRESENTATIVES IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN GENERAL ACCORDANCE WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS. THIS LIMITED SITE OBSERVATION SHALL NOT BE CONSTRUED AS AN INSPECTION, EXHAUSTIVE, OR CONTINUOUS OBSERVATION TO VERIFY THE QUALITY AND QUANTITY OF THE WORK.
9. THE USE OF REPRODUCTIONS OF THESE STRUCTURAL DRAWINGS AND SPECIFICATIONS AND USE OF ELECTRONIC FILES AND MODELS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS IS PROHIBITED UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.
10. IN THE EVENT THERE IS CONFLICTING INFORMATION BETWEEN THE DRAWINGS, SPECIFICATIONS AND LOCAL CODE APPLICATIONS OR ANY OTHER CONTROLLING AUTHORITY, THE MOST STRINGENT CONDITION SHALL APPLY.

**DESIGN CRITERIA**

1. STRUCTURAL WORK SHALL BE IN ACCORDANCE WITH: 2015 INTERNATIONAL BUILDING CODE (IBC 2015) AS ADOPTED AND SUPPLEMENTED BY LOCAL REGULATIONS.
2. REFER TO DRAWINGS OF OTHER DISCIPLINES FOR DIMENSIONS AND ELEVATIONS NOT INDICATED ON STRUCTURAL DRAWINGS. NOTIFY ARCHITECT / ENGINEER OF DISCREPANCIES PRIOR TO EXECUTION OF WORK.
3. COORDINATE SIZES AND LOCATIONS OF OPENINGS IN FLOORS, WALLS AND ROOFS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SITE REQUIREMENTS.
4. REFER TO ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING AND SITE DRAWINGS FOR MATERIALS, COMPONENTS, AND CONNECTIONS NOT SHOWN HEREIN, AND FOR ANCHORED, SUPPORTED AND EMBEDDED ITEMS WHICH AFFECT THE STRUCTURAL WORK. VERIFY DETAILS AND DIMENSIONS WITH EQUIPMENT PURCHASED.
5. NO PROVISIONS HAVE BEEN MADE FOR FUTURE VERTICAL AND/OR HORIZONTAL ADDITIONS, MODIFICATIONS, AND/OR EXPANSIONS EXCEPT AS SHOWN ON THE STRUCTURAL DRAWINGS.
6. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR THE DESIGN OF PREFABRICATED STAIRS, HANDRAILS, CURTAIN WALL / WINDOW WALL SYSTEMS, COLD-FORMED STEEL FRAMING, OR OTHER SYSTEMS DELEGATED OR NOT SHOWN IN THE STRUCTURAL DRAWINGS. SUCH SYSTEMS SHALL BE DESIGNED, FURNISHED, AND INSTALLED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
7. REFERENCED DATUM FOR THE PROJECT SHALL BE TAKEN AS 0'-0" ESTABLISHED FROM SLAB ON GRADE FINISH FLOOR. VERIFY ACTUAL ELEVATIONS WITH CIVIL DRAWINGS.

**DESIGN LOADING**

GRAVITY LOADS

| LOCATION | UNIFORM DEAD LOAD (PSF) | CONC. DEAD LOAD (LBS) | UNIFORM LIVE LOAD (PSF) | CONC. LIVE LOAD (PSF) |
|---|---|---|---|---|
| ROOF | 10 | - | 20 | - |
| STORAGE | ACTUAL WEIGHT | - | 250 | - |
| OFFICE FLOOR | - | - | 65 | - |
| EQUIPMENT ROOMS | - | - | 250 | - |
| LOADING DECK | - | - | 250 | - |

LIVE LOAD REDUCTION ON SUPPORTING ELEMENTS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE. NO LIVE LOAD REDUCTION OF ROOF LOADING IS PERMITTED. UNIFORMED DEAD LOAD IS ADDITIVE TO ACTUAL STRUCTURAL WEIGHTS.

**DESIGN LOADING CONT.**

WIND LOADS

| | |
|---|---|
| ULTIMATE DESIGN WIND SPEED: Vult | 115 MPH |
| EQUIVALENT ALLOWABLE WIND SPEED: Vasd | 89 MPH |
| RISK CATEGORY | II |
| WIND EXPOSURE | C |
| INTERNAL PRESSURE COEFFICIENT (ENCLOSED) | ±0.18 |
| COMPONENTS AND CLADDING DESIGN WIND PRESSURE *q | |
| SEE BUILDING'S ROOF UPLIFT PLAN AND WALL WIND LOAD TABLES FOR APPLICABLE PRESSURES. | |

SEISMIC LOADS

| | |
|---|---|
| SPECTRAL RESPONSE ACCEL, Ss: | 0.053 g |
| SPECTRAL RESPONSE ACCEL, S1: | 0.031 g |
| SITE CLASS: | D |
| SPECTRAL RESPONSE COEF, Sds: | 0.057 g |
| SPECTRAL RESPONSE COEF, Sd1: | 0.050 g |
| SEISMIC DESIGN CATEGORY: | A |
| SEISMIC IMPORTANCE FACTOR: | 1.00 |
| ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE | |
| BASIC-SEISMIC-FORCE-RESISTING SYSTEM: ORDINARY STEEL BRACED FRAMES | |
| RESPONSE MODIFICATION FACTOR, R: | 3.25 |
| SEISMIC RESPONSE COEFFICIENT, Cs: | 0.010 |

SNOW LOADS

| | |
|---|---|
| GROUND SNOW LOAD, Pg: | 5.0 PSF |
| SNOW EXPOSURE FACTOR, Ce: | 0.9 |
| THERMAL FACTOR, Ct: | 1.0 |
| SNOW LOAD IMPORTANCE FACTOR, I: | 1.0 |
| FLAT ROOF SNOW LOAD, Pf: | 5.0 PSF |
| SLOPED ROOF SNOW LOAD, Ps: | 5.0 PSF |

**DEFLECTION CRITERIA**

1. DEFLECTION CRITERIA SHALL BE IN ACCORDANCE WITH DEFLECTION AND DRIFT LIMITS SET HEREIN.
2. THE DEFLECTION LIMITS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS BASED ON THE MATERIALS SPECIFIED BY THE ARCHITECT. MATERIALS THAT REQUIRE DEFLECTION CRITERIA THAT EXCEED THE LIMITS INDICATED HEREIN PER THE MANUFACTURER'S AND/OR ARCHITECT'S RECOMMENDATIONS SHALL MEET THE CRITERIA RECOMMENDED BY THE MANUFACTURER AND/OR THE ARCHITECT.
3. DEFLECTION AND DRIFT LIMITS SHALL BE THE MORE STRINGENT OF THE RATIO OR ABSOLUTE VALUES INDICATED HEREIN.
4. THE CONSTRUCTION OF THE BUILDING AND IT'S COMPONENTS SHALL BE CONFIGURED TO ACCOMMODATE THESE MOVEMENTS.

DEFLECTION AND DRIFT LIMITS

| ROOF STRUCTURE | RATIO | ABSOLUTE |
|---|---|---|
| LIVE LOAD/WIND LOAD | L/360 | 5" |
| TOTAL DEAD & LIVE LOAD | L/240 | 5" 1 |
| EXTERIOR WALLS | | |
| WALLS RECEIVING STUCCO FINISH | L/360 | --- |
| OTHER WALLS NOT OTHERWISE SPECIFIED | L/240 | --- |
| PARAPETS | L/300 | --- |
| EXPOSED MASONRY | L/600 | --- |
| DRIFT REQUIREMENTS | | |
| WIND LOAD | H/400 | --- |
| SEISMIC LOAD | H/200 | --- |

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

CAN AZIZ ILTER
TX PE LICENSE NO:
131356

09SEP21

ATKINS
11801 Domain Blvd., Suite 500 -
Austin TX 78758 - (512) 327-6840

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT

EAST CARGO EXPANSION

9402 FREIGHT LN, AUSTIN, TX. 78719

ABIA Project No:L13189.026 Permit Issue No.:00000 AIP/C Nos.: 0-00-0000-00-00

Austin-Bergstrom International Airport

| | | | | |
|---|---|---|---|---|
| DRAWN BY: | CS | | | |
| CHECKED BY: | JI | | | |
| COORD. CHECK: | KP | | | |
| FILE NAME: L13189.026-S-0-01.dwg | | | | |
| DATE: | 02AUG21 | 1 | 9/09/21 | ADDENDUM 6 | JI |
| SCALE: | As indicated | No. | Date | Description | By |

KEY MAP SECTOR J3

DRAWING DESCRIPTION:

**GENERAL NOTES, ABBREVIATIONS & SYMBOLS**

SHEET NO.

**S-0-01**