General Purpose Warehouse

Army Standard Prototype - Climate Zone 3B
65,000 Square Foot Version
Standards Submittal

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Sheet List - Concrete

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Sheet List - Concrete

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US Army Corps of Engineers ®

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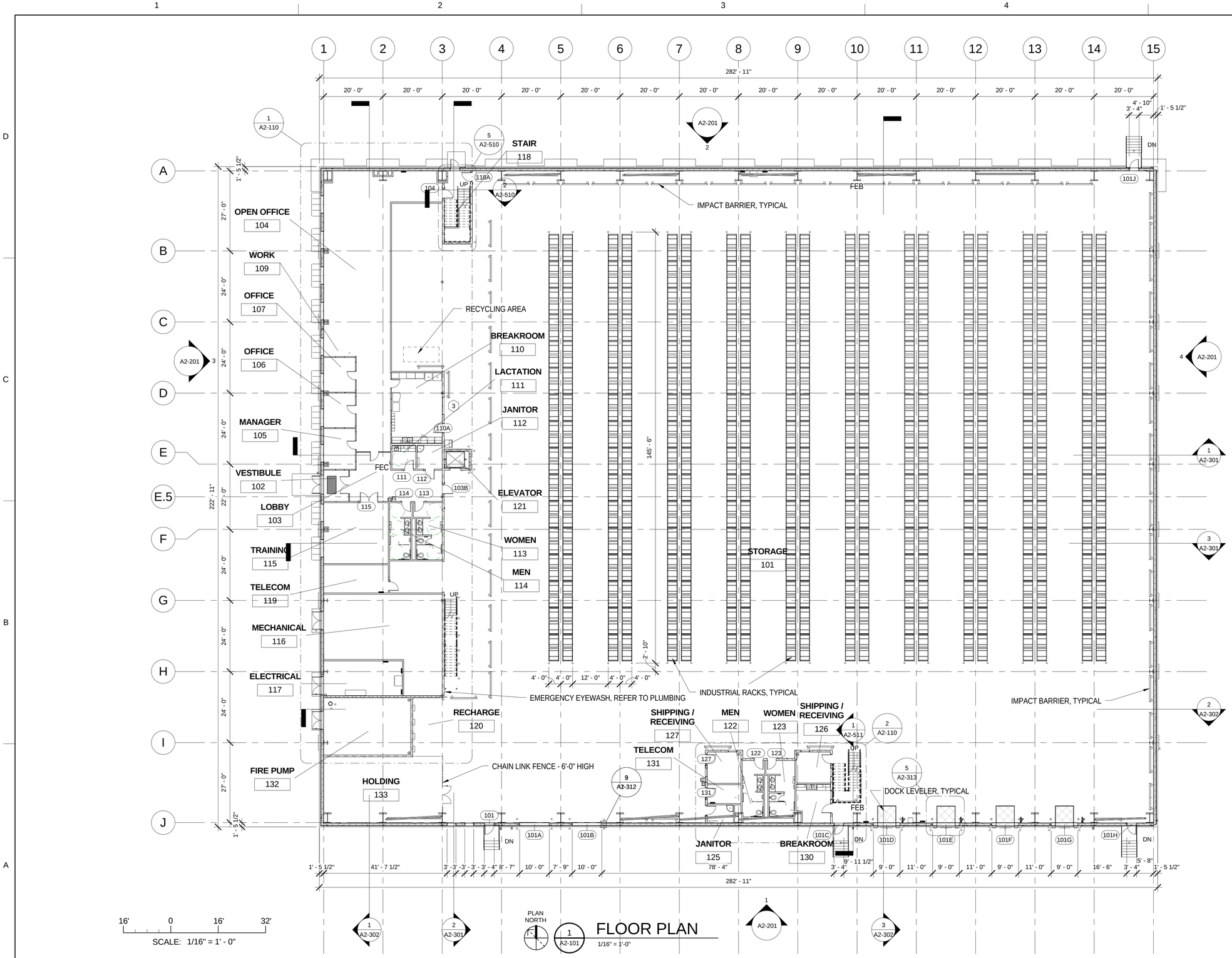
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
STANDARDS & SUSTAINABILITY

GENERAL PURPOSE WAREHOUSE
PROTOTYPE DESIGN
65,000 SQUARE FOOT VERSION

COVER SHEET - CONCRETE OPTION

SHEET IDENTIFICATION
A2-000
SHEET OF 0



FLOOR PLAN

1/16" = 1'-0"

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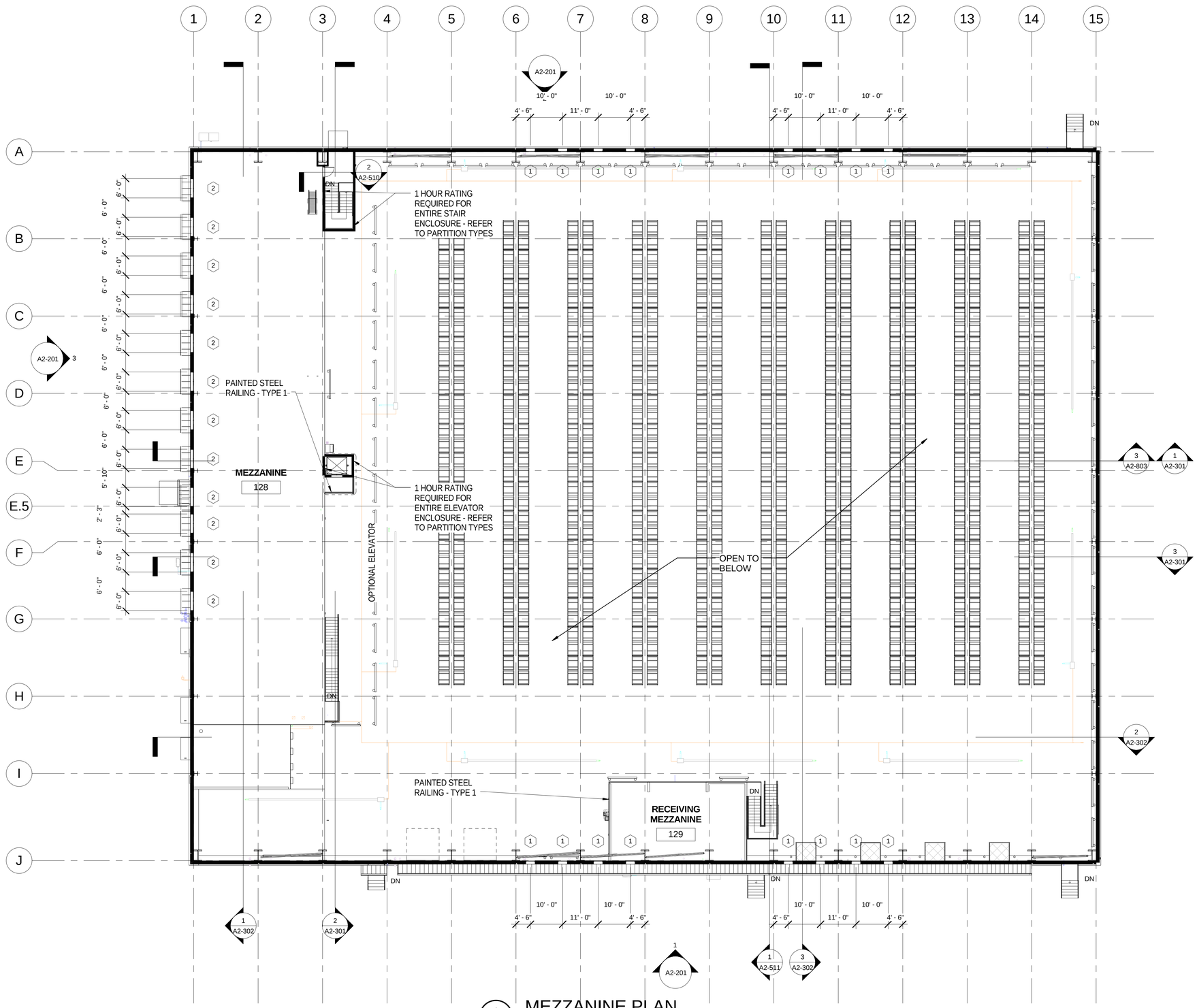
US ARMY CORPS OF ENGINEERS
STANDARDS & SUSTAINABILITY

GENERAL PURPOSE WAREHOUSE
PROTOTYPE DESIGN
65,000 SQUARE FOOT VERSION

FLOOR PLAN

SHEET IDENTIFICATION
A2-101
SHEET OF 0



1 A2-102 MEZZANINE PLAN

1/16" = 1'-0"

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US ARMY CORPS OF ENGINEERS
STANDARDS & SUSTAINABILITY

GENERAL PURPOSE WAREHOUSE
PROTOTYPE DESIGN
65,000 SQUARE FOOT VERSION

MEZZANINE PLAN - CONCRETE OPTION

SHEET IDENTIFICATION
A2-102
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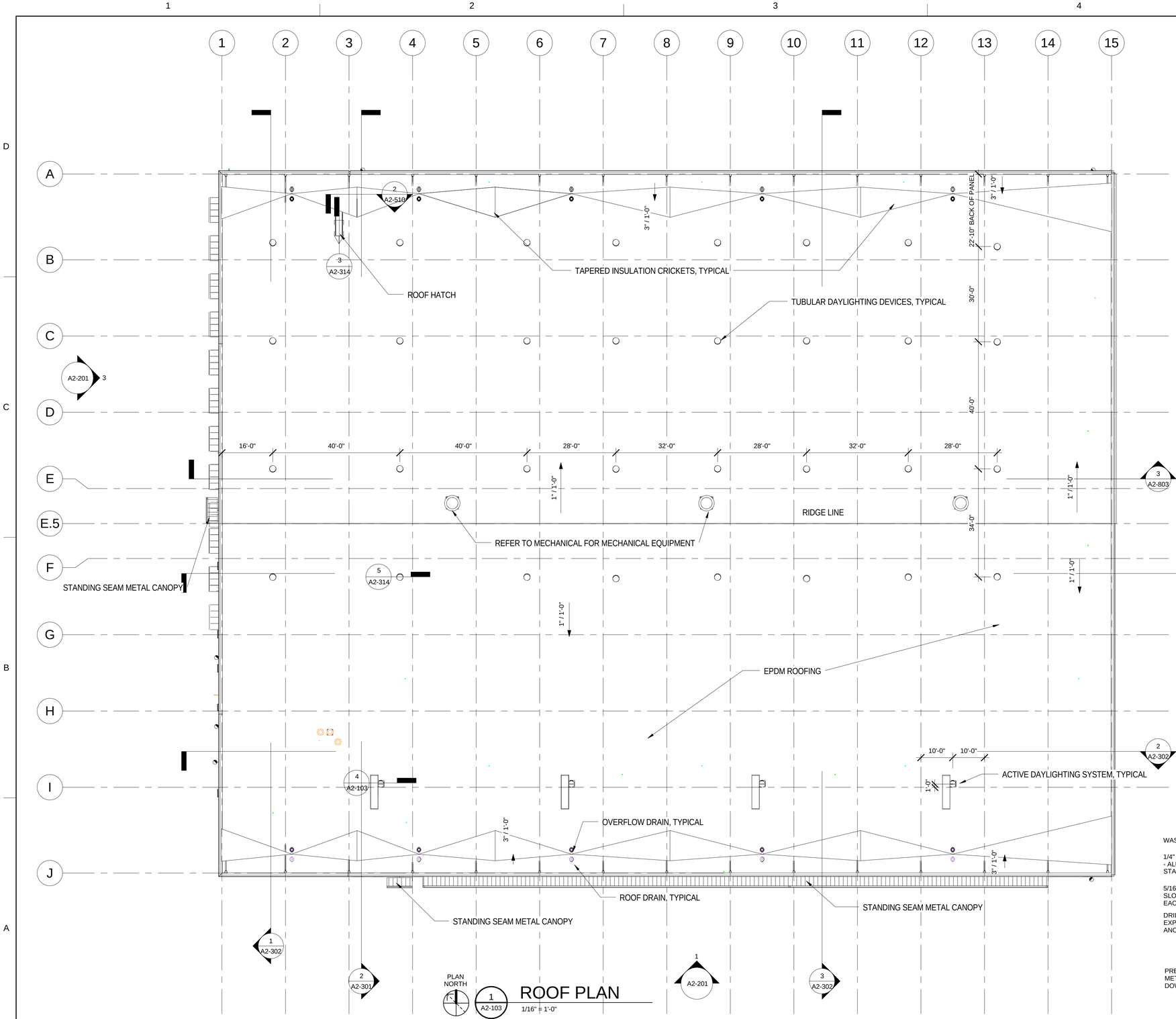
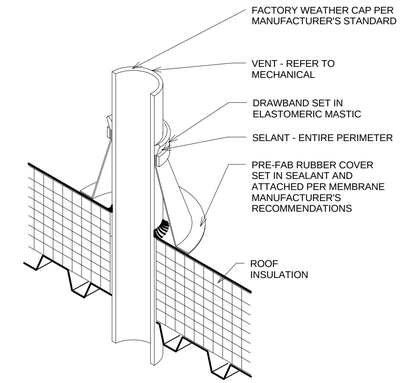
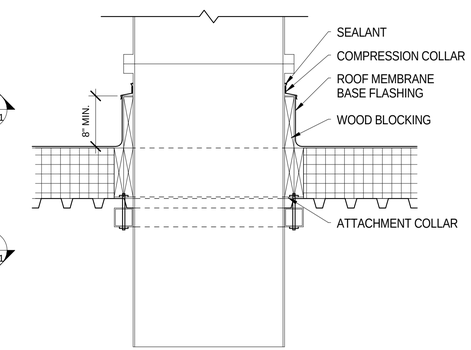


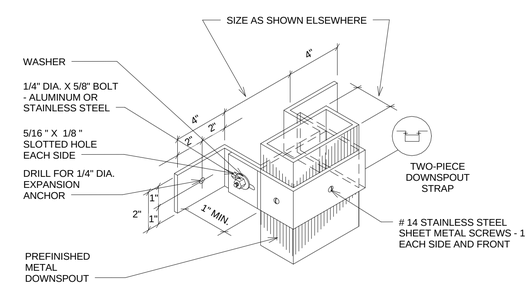
1 A2-103 ROOF PLAN
1/16" = 1'-0"



2 A2-103 TYPICAL ROOF PENETRATION
1 1/2" = 1'-0"



4 A2-103 ACTIVE DAYLIGHTING SYSTEM
1" = 1'-0"



3 A2-103 DOWNSPOUT
3" = 1'-0"

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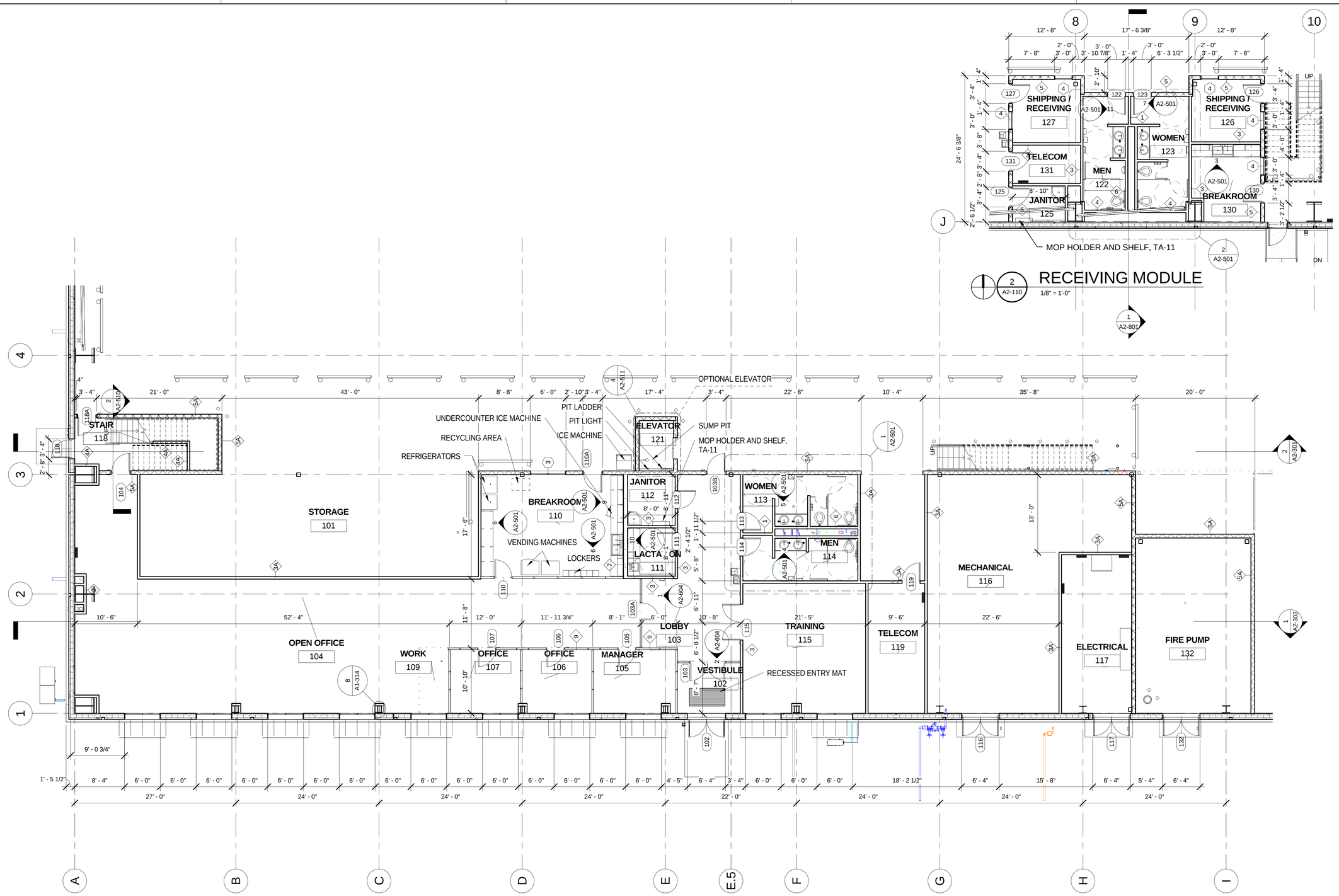
SIZE: 22" x 34"
DATE: MAY 2013
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER:
FILE NAME:

US ARMY CORPS OF ENGINEERS
STANDARDS & SUSTAINABILITY

GENERAL PURPOSE WAREHOUSE
PROTOTYPE DESIGN
65,000 SQUARE FOOT VERSION

ROOF PLAN

SHEET IDENTIFICATION
A2-103
SHEET OF 0



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US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE	APPR.

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STANDARDS & SUSTAINABILITY

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SIZE: 22" x 34"
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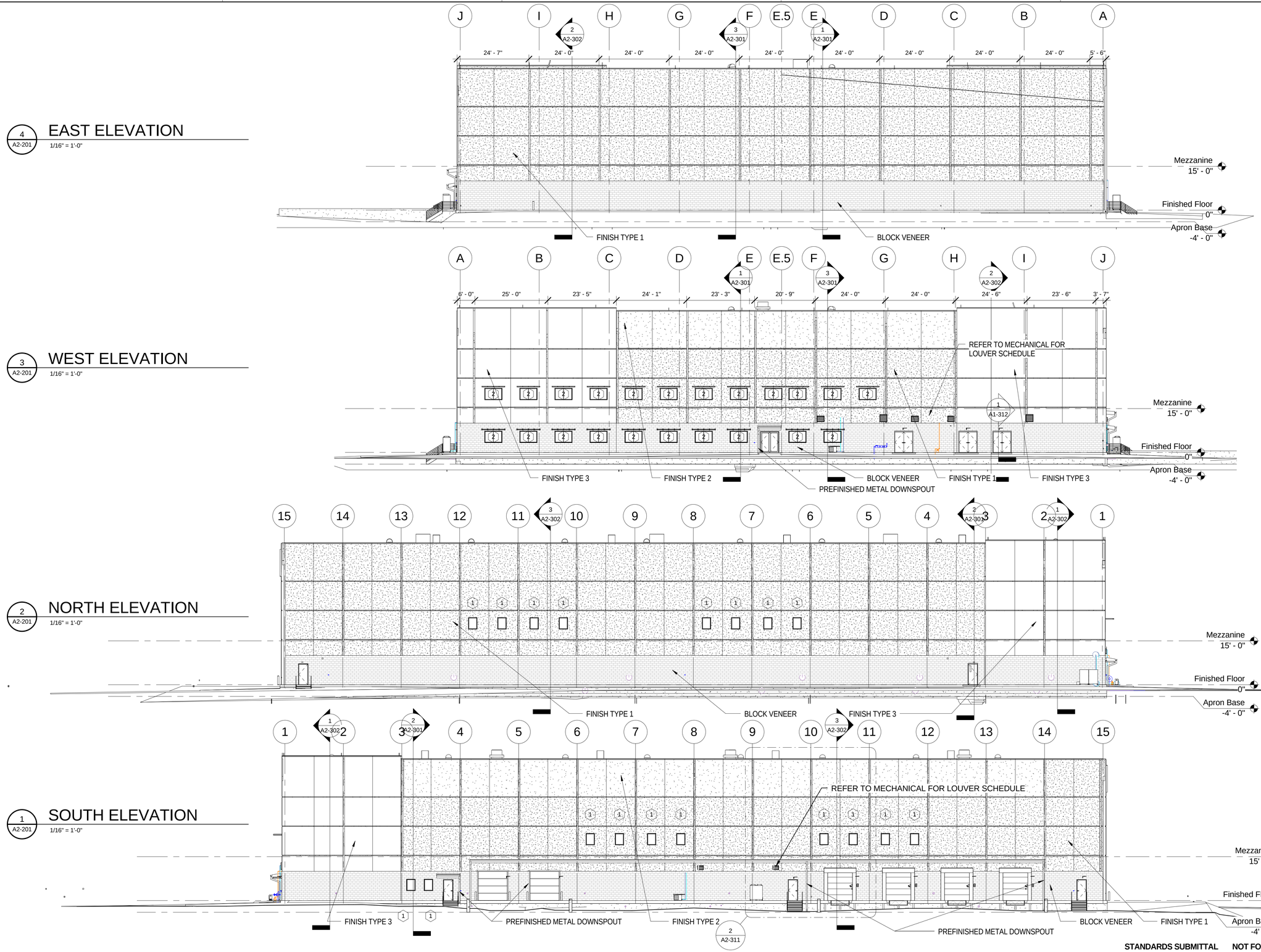
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER:
FILE NAME:

GENERAL PURPOSE WAREHOUSE
PROTOTYPE DESIGN
65,000 SQUARE FOOT VERSION

ENLARGED FLOOR PLAN

SHEET IDENTIFICATION
A2-110
SHEET OF 0



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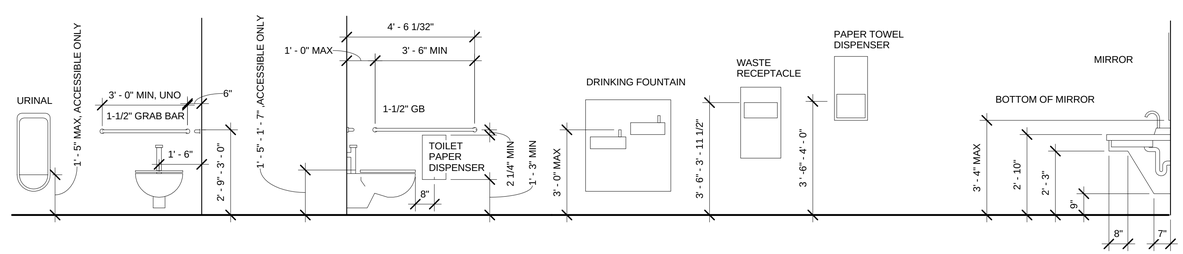
US ARMY CORPS OF ENGINEERS
STANDARDS & SUSTAINABILITY

GENERAL PURPOSE WAREHOUSE
PROTOTYPE DESIGN
65,000 SQUARE FOOT VERSION

EXTERIOR ELEVATIONS - CONCRETE OPTION

SHEET IDENTIFICATION
A2-201
SHEET OF 0

USACE_FINISH SCHEDULE														
		WALL FINISH				BASE FINISH				FLOOR	CEILING		NOTES & REMARKS (SEE NOTES)	
ROOM NO	ROOM NAME	NORTH	EAST	SOUTH	WEST	NORTH	EAST	SOUTH	WEST	FINISH	MAT.	HEIGHT		Area
101	STORAGE	Paint 01	Paint 01	Paint 01	Paint 01	-	-	-	-	Sealed Concrete	Painted Structure	0"		52575 SF
102	VESTIBULE	Wall System	Wall System	Paint 01	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Sealed Concrete	Acoustic Tile	9' - 0"		92 SF
103	LOBBY	Paint 01	Paint 01	Paint 01	Wall System	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		401 SF
104	OPEN OFFICE	Paint 01	Paint 01	Wall System	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		1880 SF
105	MANAGER	Wall System	Wall System	Wall System	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		154 SF
106	OFFICE	Wall System	Wall System	Wall System	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		131 SF
107	OFFICE	Wall System	Wall System	Wall System	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		132 SF
109	WORK	Wall System	Wall System	Wall System	Wall System	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		56 SF
110	BREAKROOM	Wall System	Paint 01	Wall System	Wall System	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Sealed Concrete	Acoustic Tile	9' - 0"		411 SF
111	LACTATION	Paint 01	Paint 01	Paint 01	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Sealed Concrete	Acoustic Tile	9' - 0"		65 SF
112	JANITOR	FRP / Paint 01	FRP / Paint 01	FRP / Paint 01	FRP / Paint 01	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Sealed Concrete	Gyp. Board - Painted	9' - 0"		68 SF
113	WOMEN	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Gyp. Board - Painted	9' - 0"		168 SF
114	MEN	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Gyp. Board - Painted	9' - 0"		138 SF
115	TRAINING	Paint 01	Paint 01	Paint 01	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		446 SF
116	MECHANICAL	Paint 01	Paint 01	Paint 01	Paint 01	-	-	-	-	Sealed Concrete	Painted Structure	0"		1042 SF
117	ELECTRICAL	Paint 01	Paint 01	Paint 01	Paint 01	-	-	-	-	Sealed Concrete	Painted Structure	0"		314 SF
118	STAIR	Paint 01	Paint 01	Paint 01	Paint 01	-	-	-	-	Sealed Concrete	Painted Structure	0"		201 SF
119	TELECOM	Paint 01	Paint 01	Paint 01	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Sealed Concrete	Gyp. Board - Painted	10' - 0"		207 SF
120	RECHARGE	Paint 01	-	Paint 01	Paint 01	-	-	-	-	Sealed Concrete	Painted Structure	0"		212 SF
121	ELEVATOR	Laminate	Laminate	Laminate	Laminate	-	-	-	-	Manuf. Standard	Stainless Steel	0"		49 SF
122	MEN	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Gyp. Board - Painted	9' - 0"		135 SF
123	WOMEN	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Gyp. Board - Painted	9' - 0"		166 SF
125	JANITOR	FRP / Paint 01	Ceramic Tile	FRP / Paint 01	FRP / Paint 01	Ceramic Tile	Ceramic Tile	Ceramic Tile	Ceramic Tile	Sealed Concrete	Gyp. Board - Painted	9' - 0"		54 SF
126	SHIPPING / RECEIVING	Paint 01	Paint 01	Paint 01	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		121 SF
127	SHIPPING / RECEIVING	Paint 01	Paint 01	Paint 01	Paint 01	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Carpet Tile	Acoustic Tile	9' - 0"		121 SF
128	MEZZANINE	-	-	-	Paint 01	-	-	-	-	Sealed Concrete	Painted Structure	0"		7204 SF
129	RECEIVING MEZZANINE	-	-	Paint 01	-	-	-	-	-	Sealed Concrete	Painted Structure	0"		1052 SF
130	BREAKROOM	Paint 01	Paint 01	Paint 01	Wall System	Rubber Base	Rubber Base	Rubber Base	Rubber Base	Sealed Concrete	Acoustic Tile	9' - 0"		143 SF
131	TELECOM	Paint 01	Paint 01	Paint 01	Paint 01	-	-	-	-	Sealed Concrete	Gyp. Board - Painted	10' - 0"		73 SF
132	FIRE PUMP	Paint 01	Paint 01	Paint 01	Paint 01	-	-	-	Ceramic Tile	Sealed Concrete	Painted Structure	0"		569 SF
133	HOLDING	Paint 01	-	Paint 01	Paint 01	-	-	-	Ceramic Tile	Sealed Concrete	Painted Structure	0"		905 SF



TYPICAL MOUNTING HEIGHTS

3/8" = 1'-0"

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US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE	APPR.

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SIZE: 22" x 34"
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DATE: MAY 2013
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
STANDARDS & SUSTAINABILITY

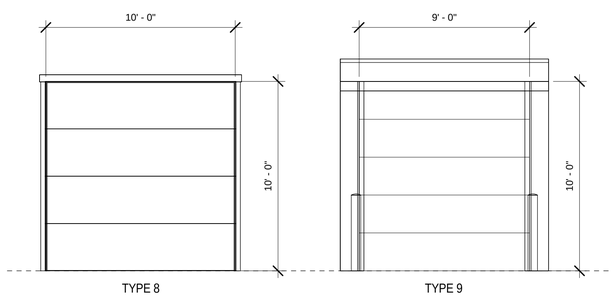
GENERAL PURPOSE WAREHOUSE
PROTOTYPE DESIGN
65,000 SQUARE FOOT VERSION

ROOM FINISH SCHEDULE

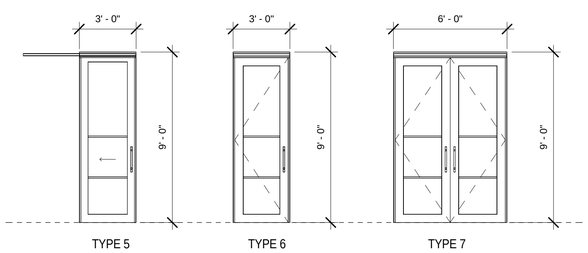
SHEET IDENTIFICATION
A2-601
SHEET OF 0

Furniture System Door Schedule						
Door Number	Type	Width	Height	Type Comments	Finish Material	Fire Rating
103	7	6' - 0"	9' - 0"	Enclose Double Swing Door	Anodized	-
103A	6	3' - 0"	9' - 0"	Enclose Single Swing Door	Anodized	-
105	6	3' - 0"	9' - 0"	Enclose Single Swing Door	Anodized	-
106	6	3' - 0"	9' - 0"	Enclose Single Swing Door	Anodized	-
107	6	3' - 0"	9' - 0"	Enclose Single Swing Door	Anodized	-
110	6	3' - 0"	9' - 0"	Enclose Single Swing Door	Anodized	-

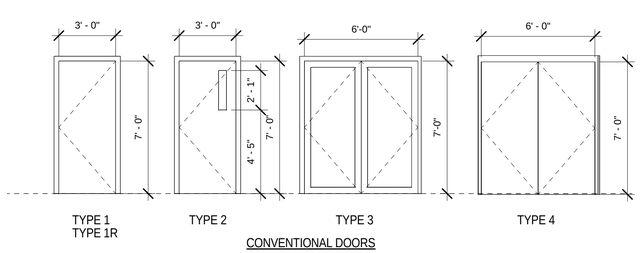
USACE DOOR SCHEDULE															
		DOOR				DOOR		FRAME							
		SIZE									DETAILS				
Door Number	Type	Width	Height	Thickness	Type Comments	Material	Fire Rating	Type	Material	Finish	Head	Jamb	Sill	Hardware	Comments
101	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	04/A2-312	05/A2-312	07/A-603	02	
101A	8	10' - 0"	10' - 0"	2"	Fast Opening	Insulated Panel	-	-	-	-	08/A2-312	09/A2-312	-	08	
101B	8	10' - 0"	10' - 0"	2"	Fast Opening	Insulated Panel	-	-	-	-	08/A2-312	09/A2-312	-	08	
101C	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	04/A2-312	02/A1-312	07/A-603	02	
101D	9	9' - 0"	10' - 0"	2"	Overhead	Insulated Panel	-	-	-	-	08/A2-312	09/A2-312	-	08	
101E	9	9' - 0"	10' - 0"	2"	Overhead	Insulated Panel	-	-	-	-	08/A2-312	09/A2-312	-	08	
101F	9	9' - 0"	10' - 0"	2"	Overhead	Insulated Panel	-	-	-	-	08/A2-312	09/A2-312	-	08	
101G	9	9' - 0"	10' - 0"	2"	Overhead	Insulated Panel	-	-	-	-	08/A2-312	09/A2-312	-	08	
101H	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	04/A2-312	05/A2-312	07/A-603	02	
101J	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	04/A2-312	05/A2-312	07/A-603	02	
102	3	6' - 0"	7' - 0"	1 3/4"		Aluminum	-	05	Aluminum	Anodized	07/A2-312	06/A2-312	07/A-603	09	
103B	2	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	01	
104	1R	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	45 Min	01R	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	04	
110A	2	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	01	
111	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	01	Hollow Metal	PT-01	03/A1-603	04/A1-603	-	01	
112	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	01	Hollow Metal	PT-01	03/A1-603	04/A1-603	-	03	
113	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	01	Hollow Metal	PT-01	03/A1-603	04/A1-603	-	06	
114	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	01	Hollow Metal	PT-01	03/A1-603	04/A1-603	-	06	
115	4	6' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	03	Hollow Metal	PT-01	03/A1-603	04/A1-603	-	10	
116	4	6' - 0"	7' - 0"	1 3/4"		Hollow Metal		04	Hollow Metal	PT-01	04/A2-312	07/A1-603	-	05	
117	4	6' - 0"	7' - 0"	1 3/4"		Hollow Metal		04	Hollow Metal	PT-01	04/A2-312	07/A1-603	-	05	
118	2	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	04/A2-312	07/A1-603	07/A-603	02	
118A	1R	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	45 Min	01R	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	04	
119	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603		03	
122	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	06	
123	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	06	
125	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	03	
126	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	01	
127	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	01	
130	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	01	
131	1	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	-	02	Hollow Metal	PT-01	05/A1-603	06/A1-603	-	03	
132	4	6' - 0"	7' - 0"	1 3/4"		Hollow Metal		04	Hollow Metal	PT-01	04/A2-312	07/A1-603	-	05	
201	1R	3' - 0"	7' - 0"	1 3/4"		Hollow Metal	45 Min	01R	Hollow Metal	PT-01	03/A1-603	04/A1-603	-	04	Mezzanine Level



OVERHEAD DOORS



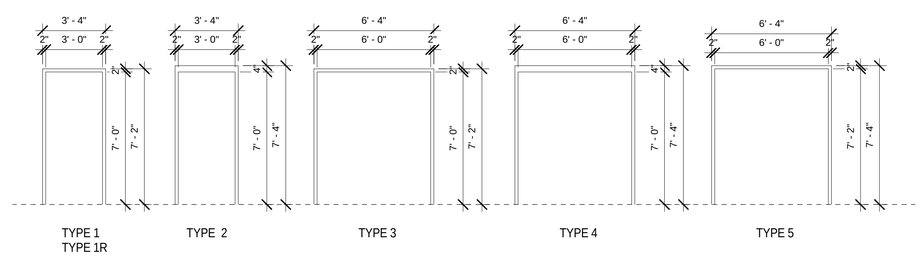
FURNITURE SYSTEM DOORS



CONVENTIONAL DOORS

DOOR TYPES

1/4" = 1'-0"



1 A2-602

FRAME TYPES

1/4" = 1'-0"

STANDARDS SUBMITTAL NOT FOR CONSTRUCTION

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE	APPR.

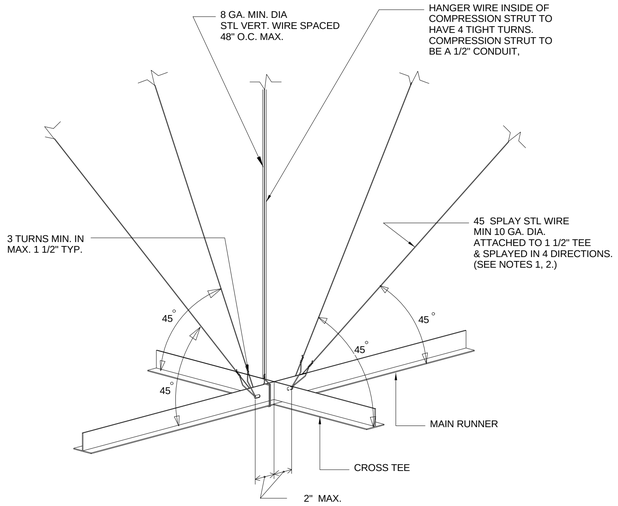
DESIGN BY: K. Pope
DRAWN BY: K. Pope
SBMT BY: -
CKD BY: K. Pope
PLOT DATE: 8/26/2014 1:41:35 PM
PLOT SCALE: 1:1 = 1'-0"
SIZE: 22" x 34"
FILE NAME:
DATE: MAY 2013
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
STANDARDS & SUSTAINABILITY

GENERAL PURPOSE WAREHOUSE
PROTOTYPE DESIGN
65,000 SQUARE FOOT VERSION

DOOR SCHEDULE

SHEET IDENTIFICATION
A2-602
SHEET OF 0

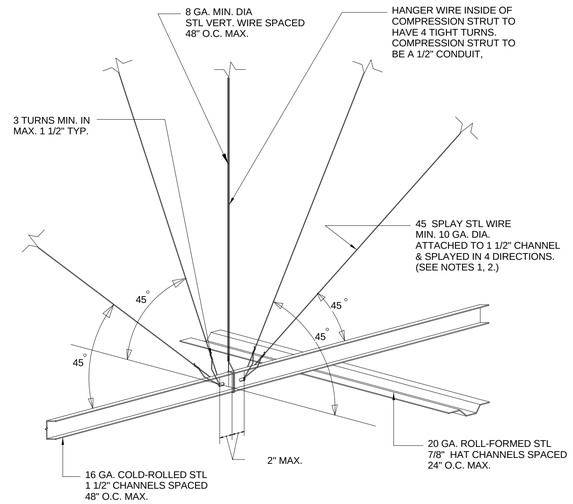


TYPICAL LATERAL BRACING DETAIL FOR
SUSPENDED ACOUSTICAL CEILING
SYSTEM

NTS.

3 / A2-606 **CEILING BRACE**

1/8" = 1'-0"

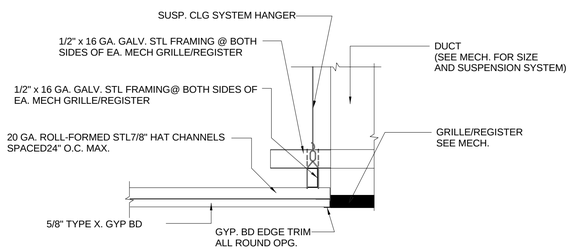


TYPICAL LATERAL BRACING DETAIL FOR
SUSPENDED GYPSUM BOARD CEILING SYSTEM

NTS.

2 / A2-606 **CEILING BRACE**

1/8" = 1'-0"

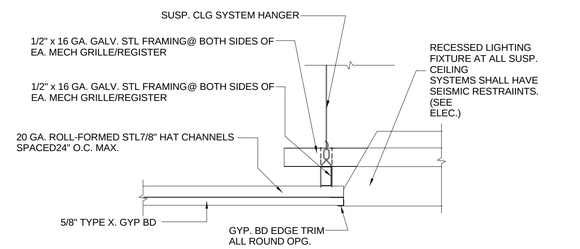


SUSPENDED GYPSUM BOARD CEILING
AT MECHANICAL GRILLE/REGISTER
DETAIL

NTS.

4 / A2-606 **CEILING DETAIL**

1/8" = 1'-0"

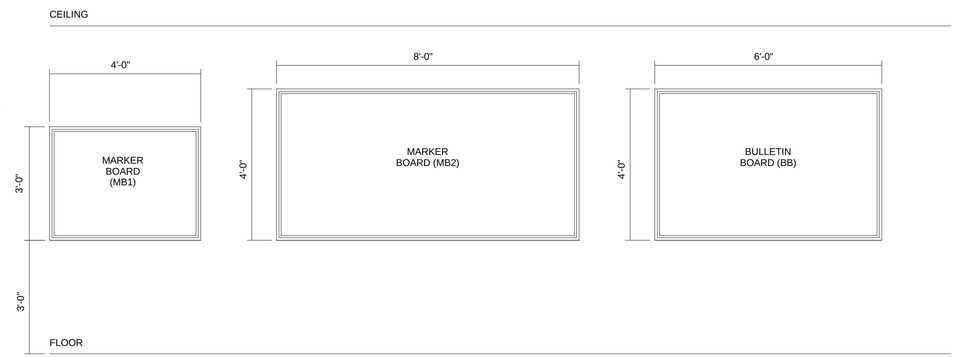


SUSPENDED GYPSUM BOARD CEILING
AT LIGHTING FIXTURE DETAIL

NTS.

5 / A2-606 **CEILING DETAIL**

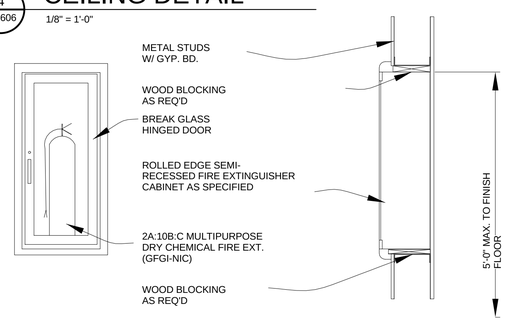
1/8" = 1'-0"



NOTES:
1. MOUNTING HEIGHT OF ALL BULLETIN BOARDS AND MARKER BOARDS SHALL BE AS SHOWN.
2. CENTER BULLETIN BOARD / MARKER BOARD ON WALLS AS INDICATED ON FLOOR PLAN PLATES.
3. COORDINATE FINAL PLACEMENT OF MARKER BOARDS IN STAFF OFFICES WITH USER.

6 / A2-606 **BOARD ELEVATIONS**

1 1/2" = 1'-0"



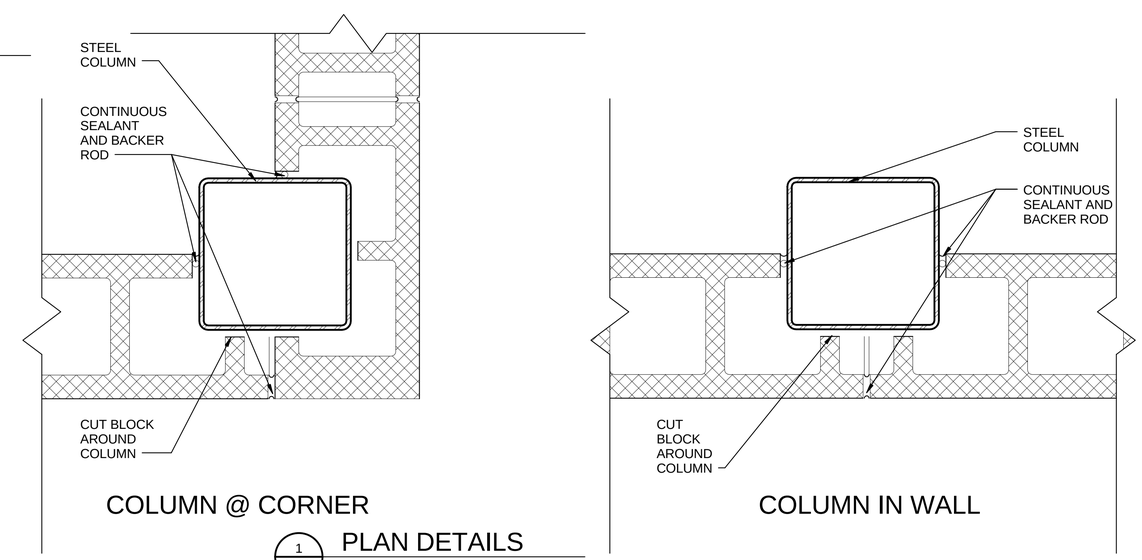
TYPICAL SEMI-RECESSED FIRE
EXTINGUISHER CABINET
FRONT ELEVATION

SEMI-RECESSED FIRE EXTINGUISHER
CABINET SECTION AT METAL STUD WALL

NOTES:
1. CABINETS SHALL BE SIZED TO ACCOMMODATE GFGI FIRE EXTINGUISHERS, COORDINATE WITH CONTRACTING OFFICER.
2. CABINET SHALL BE LOCKABLE.
3. AT ALL FEB LOCATIONS, BRACKET SHALL BE WALL MOUNTED AT 5'-0" A.F.F.
-FIRE EXTINGUISHER TO BE 2A:10B:C (GFGI, NIC)

7 / A2-606 **F.E. CABINET**

1 1/2" = 1'-0"



COLUMN @ CORNER

COLUMN IN WALL

1 / A2-606 **PLAN DETAILS**

3" = 1'-0"

STANDARDS SUBMITTAL **NOT FOR CONSTRUCTION**

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: K. Pope
DRAWN BY: K. Pope
CKD BY: K. Pope
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US ARMY CORPS OF ENGINEERS
STANDARDS & SUSTAINABILITY

GENERAL PURPOSE WAREHOUSE PROTOTYPE DESIGN 65,000 SQUARE FOOT VERSION

INTERIOR DETAILS

SHEET IDENTIFICATION
A2-606
SHEET OF 0