

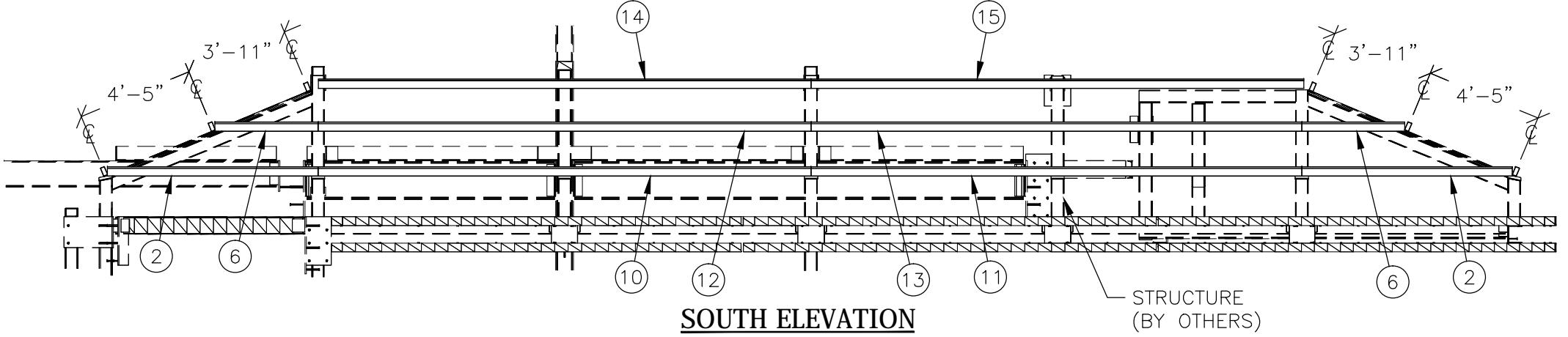
MICDS GREENHOUSE

ST. LOUIS, MO

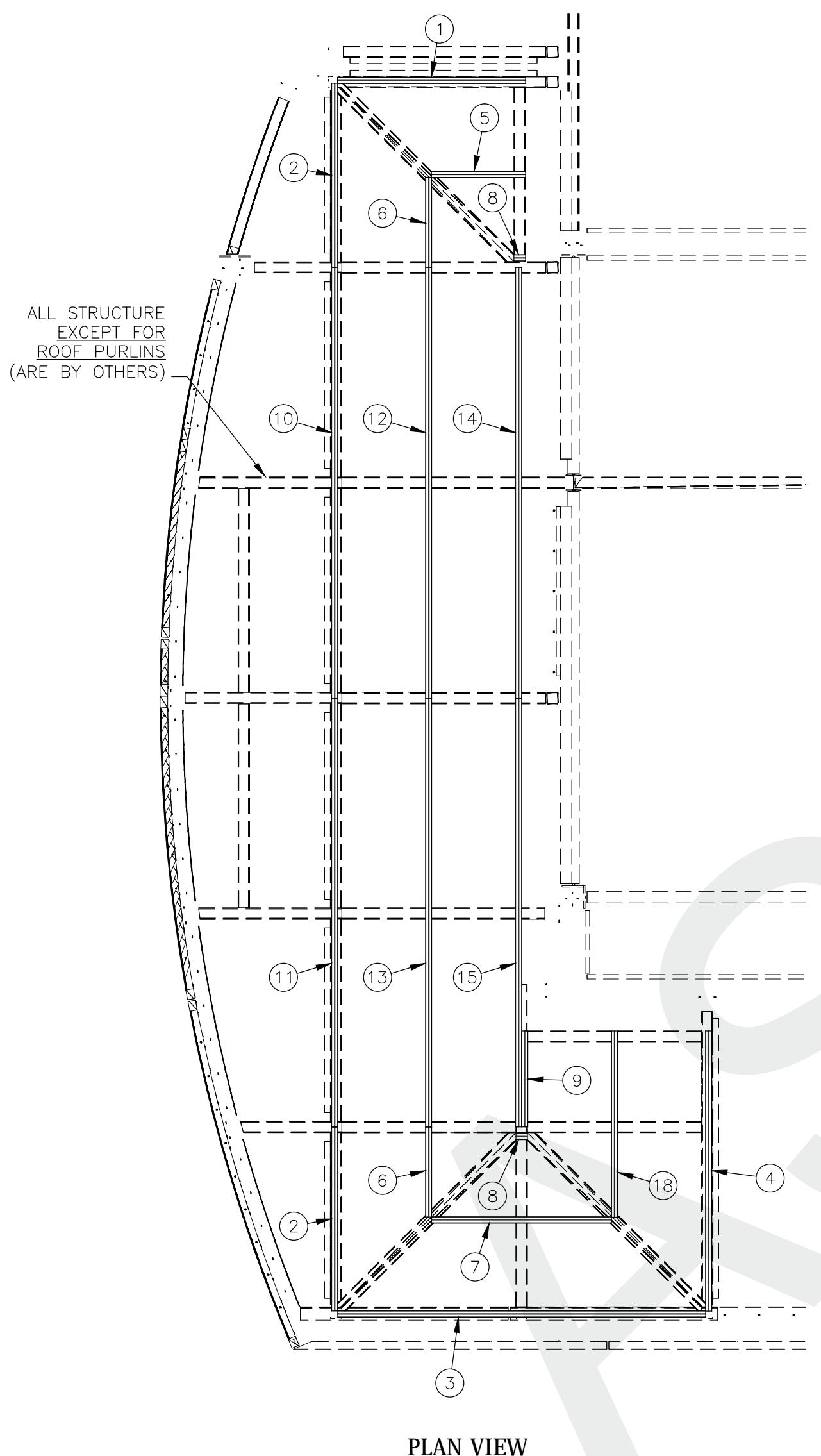
PROJECT #4758

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GC2.3	SHADE SYSTEM LAYOUT
GC2.4	HEATING LAYOUT
GC2.5	LIGHTING LAYOUT
GC4.0	ROOF GLAZING PLAN VIEW
GC4.1	GLAZING DETAILS

COVER SHEET MICDS GREENHOUSE ST. LOUIS, MO	ISSUE DATE 06/13/2013
PROJECT # 4758	REVISIONS
	DRAWN CHECKED MAW CEF
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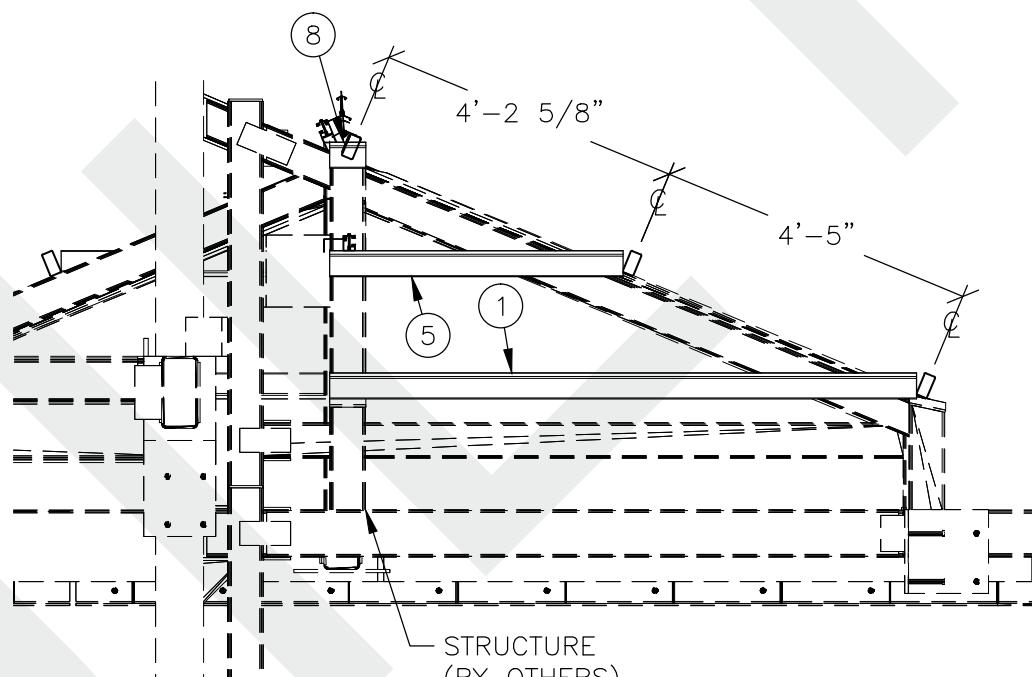


SOUTH ELEVATION

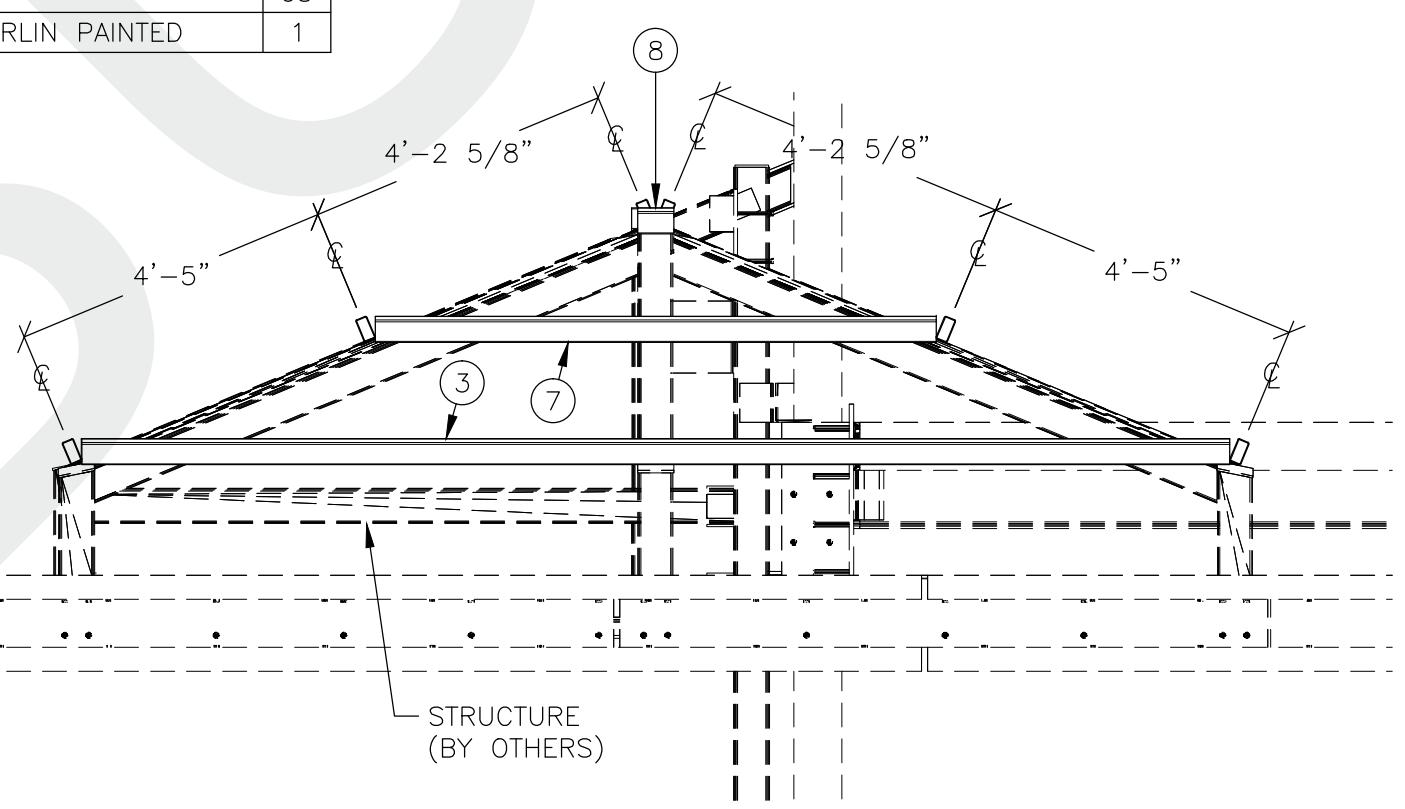


PLAN VIEW

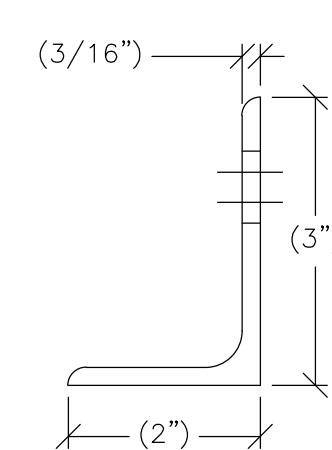
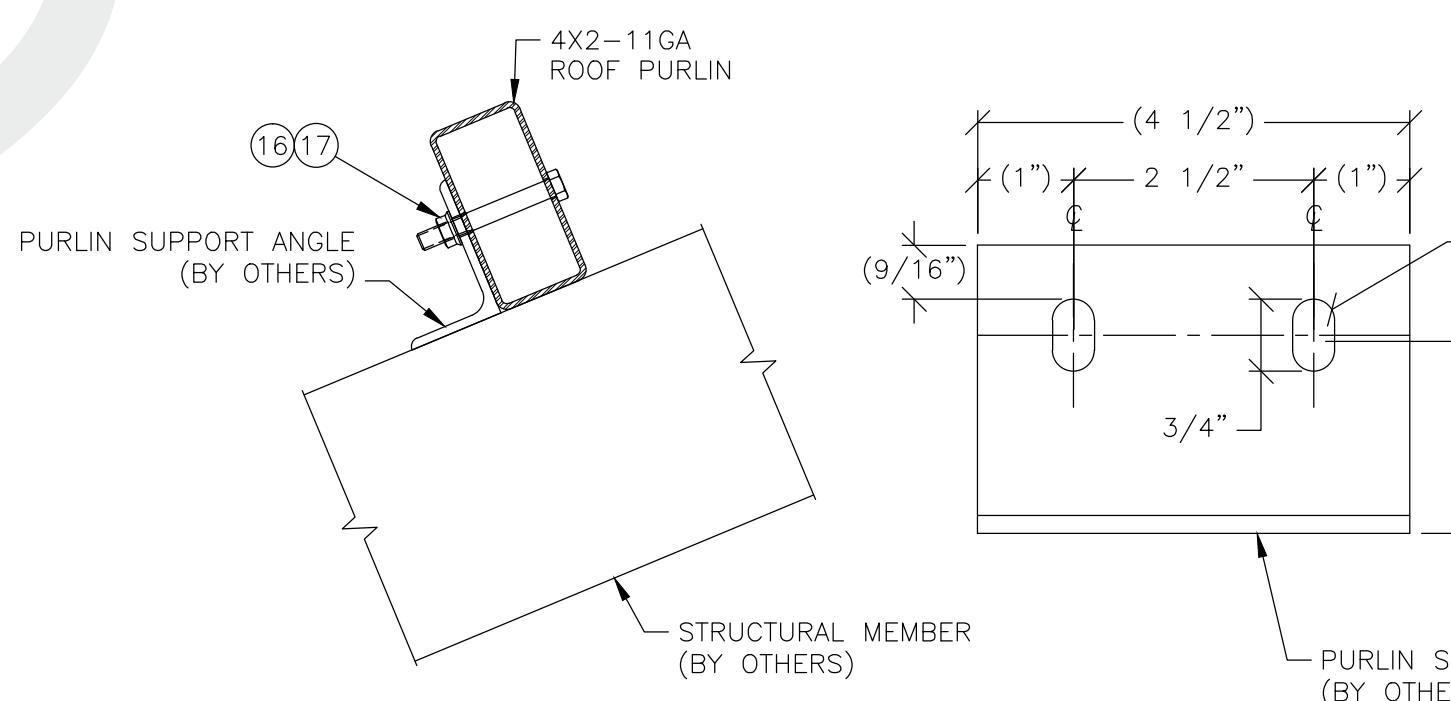
#	ITEM #	MATERIAL LIST - PART DESCRIPTION	QTY
1	997556	4X2-11GA X 97 5/8" ROOF PURLIN PAINTED	1
2	997557	4X2-11GA X 95 7/8" ROOF PURLIN PAINTED	2
3	997558	4X2-11GA X 191 1/4" ROOF PURLIN PAINTED	1
4	997559	4X2-11GA X 145 1/2" ROOF PURLIN PAINTED	1
5	997560	4X2-11GA X 48 11/16" ROOF PURLIN PAINTED	1
6	997561	4X2-11GA X 46 9/16" ROOF PURLIN PAINTED	2
7	997562	4X2-11GA X 93 3/8" ROOF PURLIN PAINTED	1
8	997564	4X2-11GA X 6" ROOF PURLIN PAINTED	2
9	997565	4X2-11GA X 49 15/16" ROOF PURLIN PAINTED	1
10	997566	4X2-11GA X 223 7/8" ROOF PURLIN PAINTED	1
11	997567	4X2-11GA X 222 7/8" ROOF PURLIN PAINTED	1
12	997568	4X2-11GA X 223 7/8" ROOF PURLIN PAINTED	1
13	997569	4X2-11GA X 222 7/8" ROOF PURLIN PAINTED	1
14	997570	4X2-11GA X 223 7/8" ROOF PURLIN PAINTED	1
15	997571	4X2-11GA X 222 7/8" ROOF PURLIN PAINTED	1
16	13468SS	3/8-16 x 2 3/4" HEX BOLT SS	63
17	1349SS	3/8-16 LKNT HEX FLNC SS	63
18	997563	4X2-11GA X 96 9/16" ROOF PURLIN PAINTED	1



WEST ELEVATION



EAST ELEVATION



PURLIN LAYOUT
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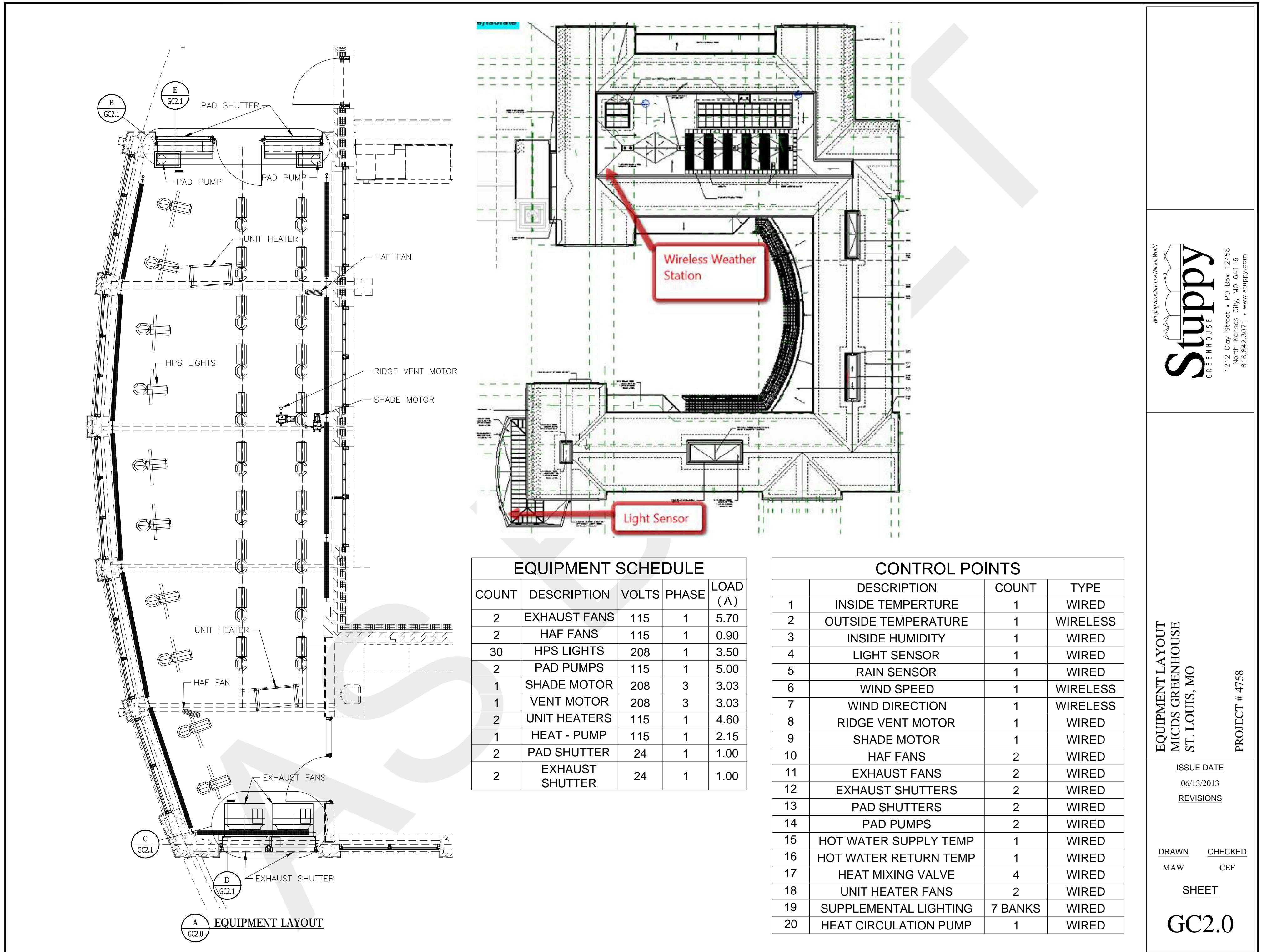
PROJECT # 4758

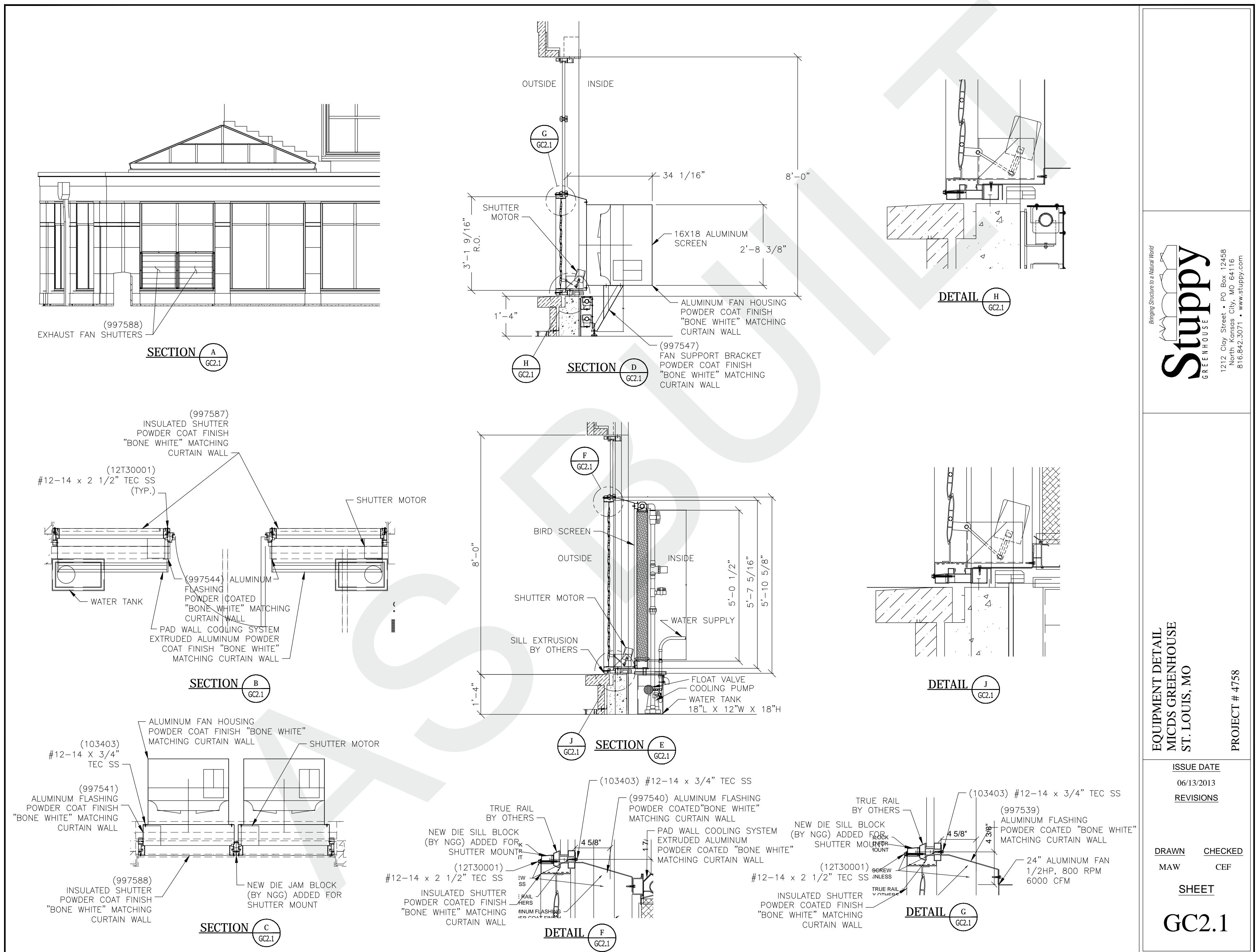
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REVISIONS

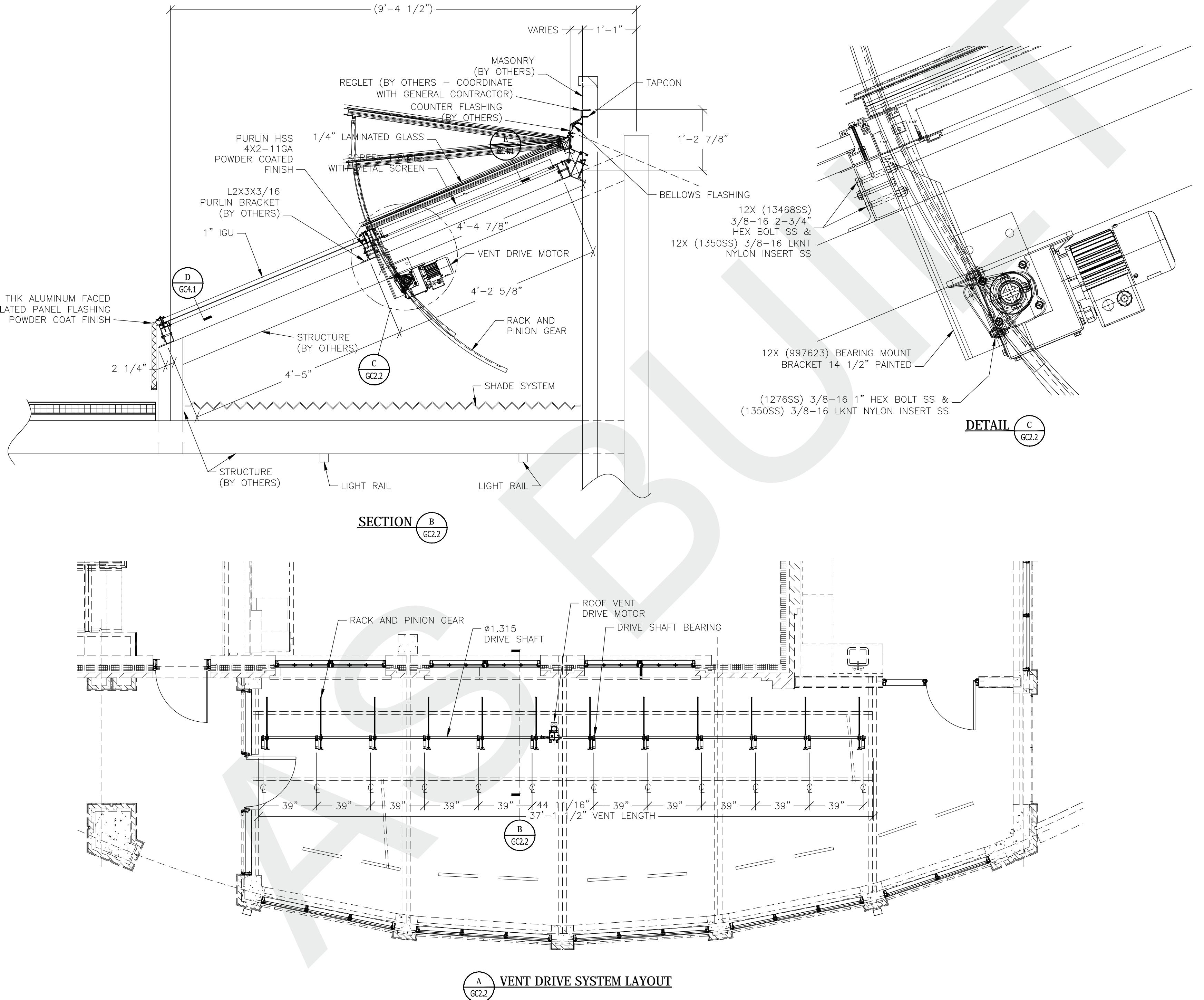
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GC1.0

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RIDGE VENT MOTORIZATION LAYOUT
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PROJECT # 4758

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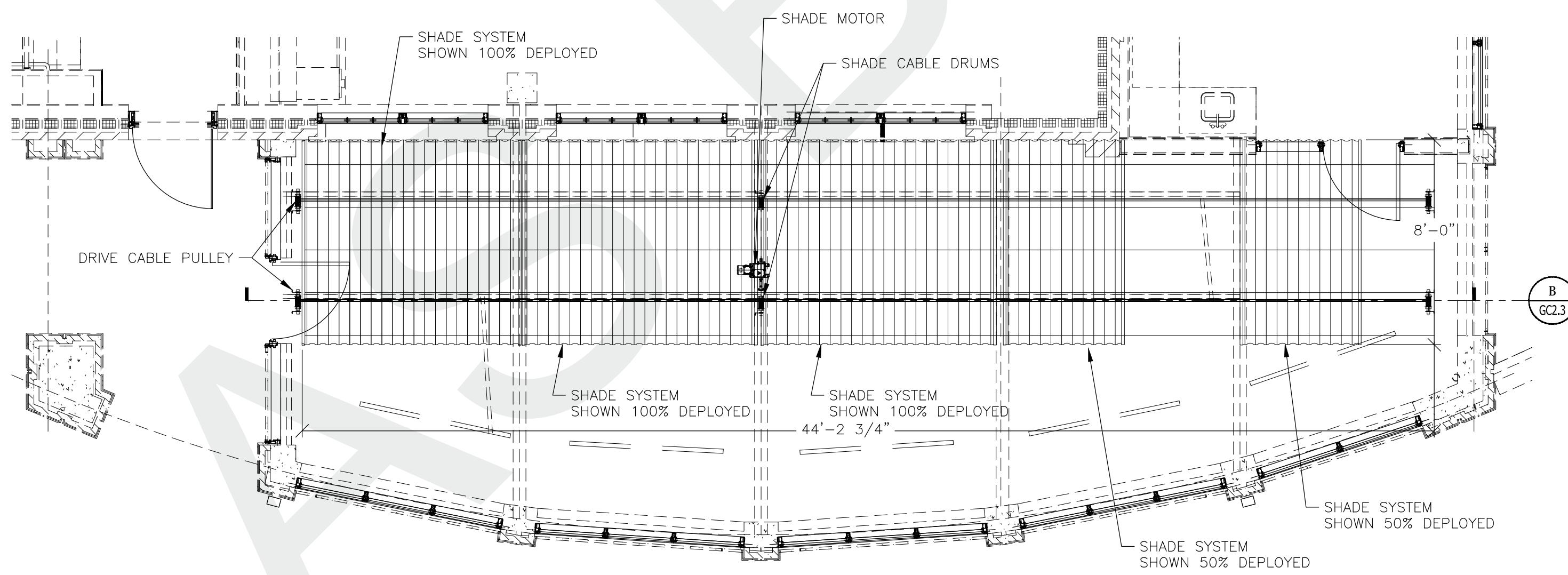
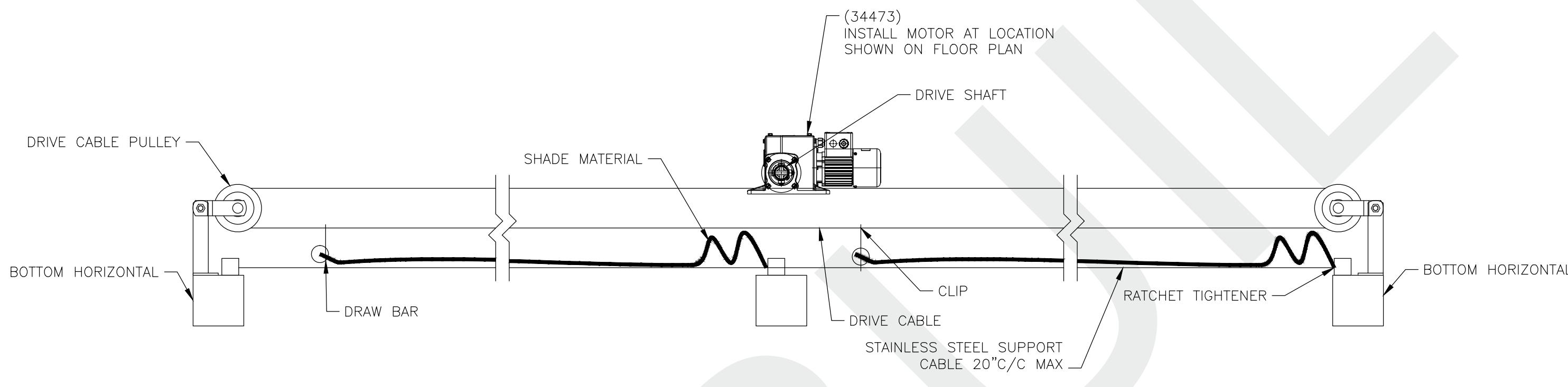


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SHADE SYSTEM LAYOUT
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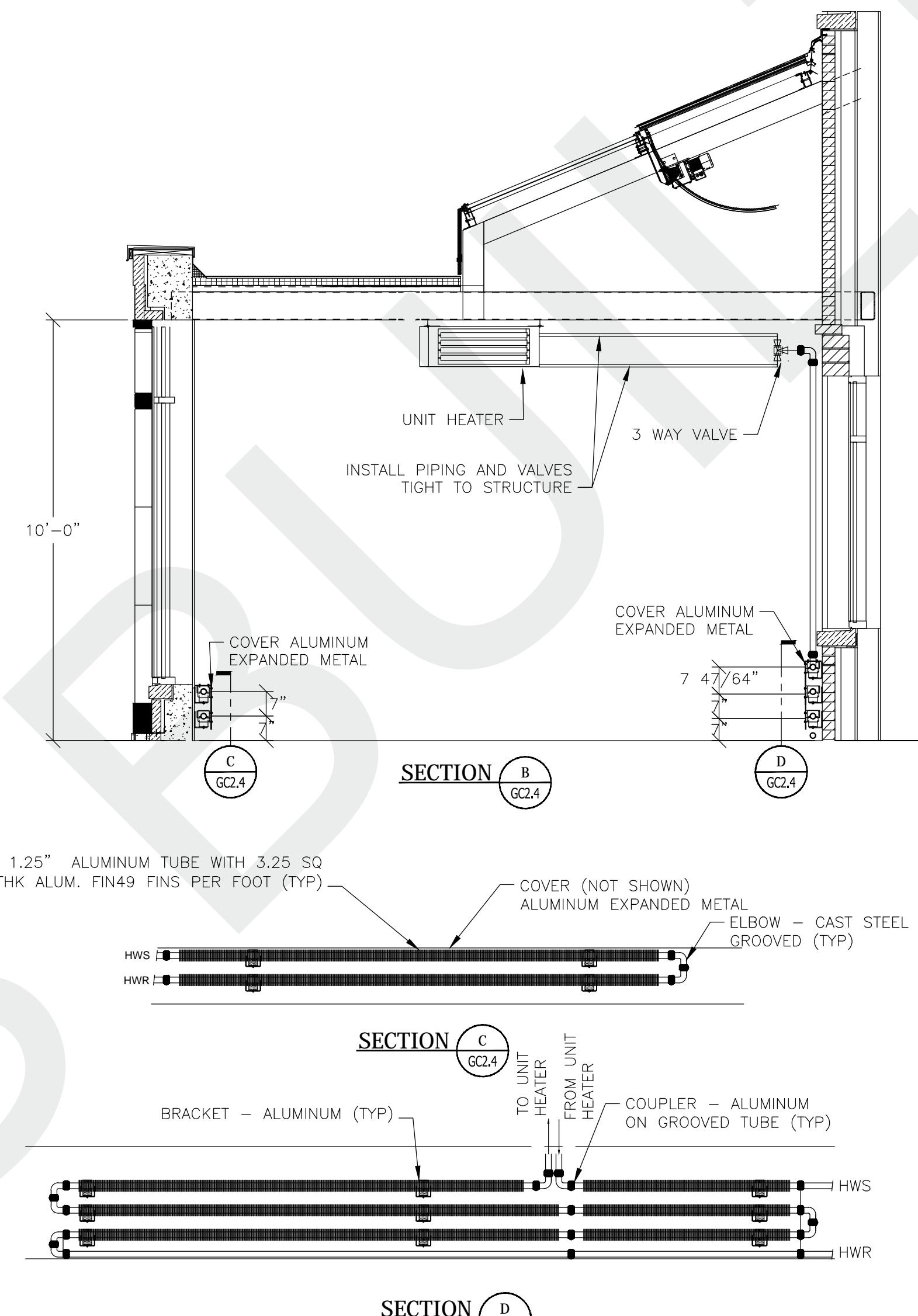
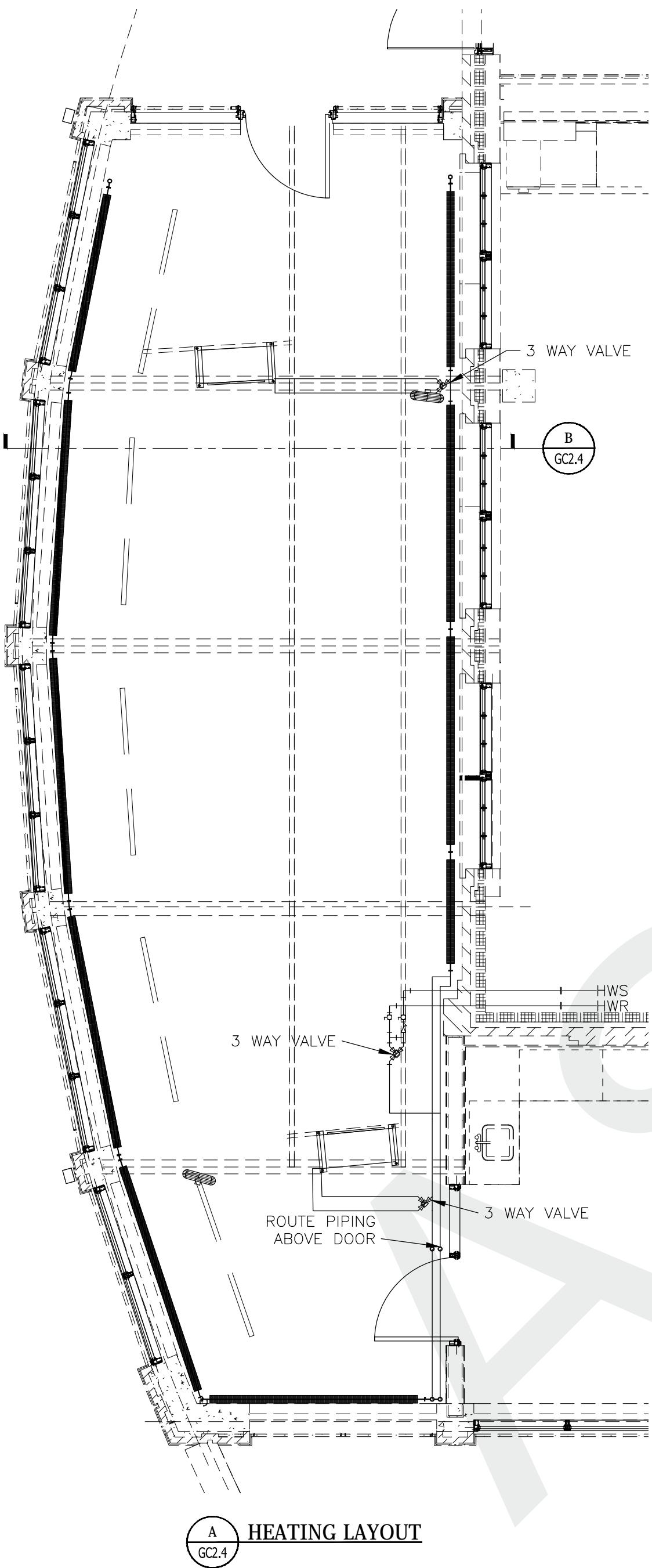
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GC2.3

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HEATING LAYOUT
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ISSUE DATE

06/13/2013

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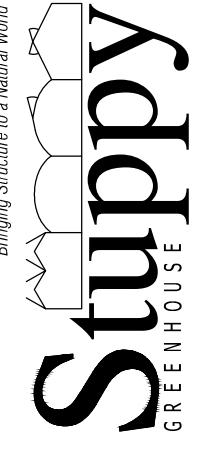
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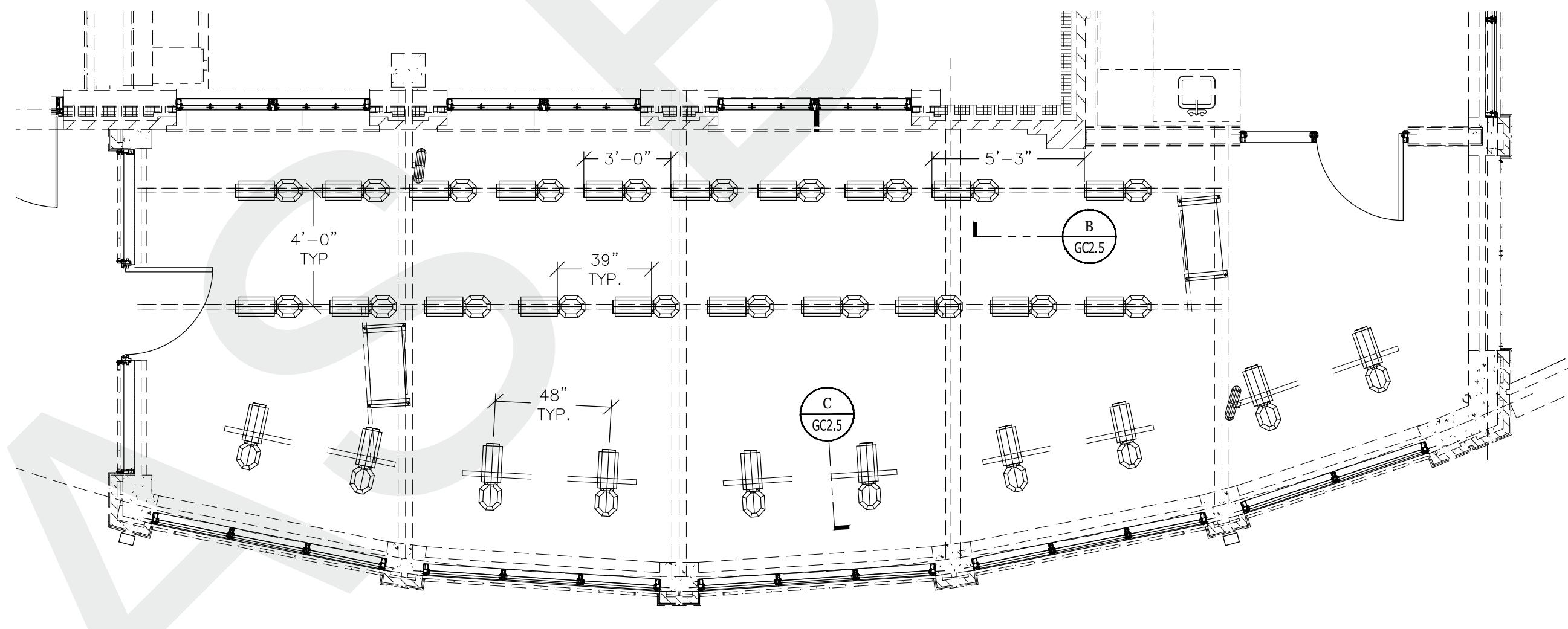
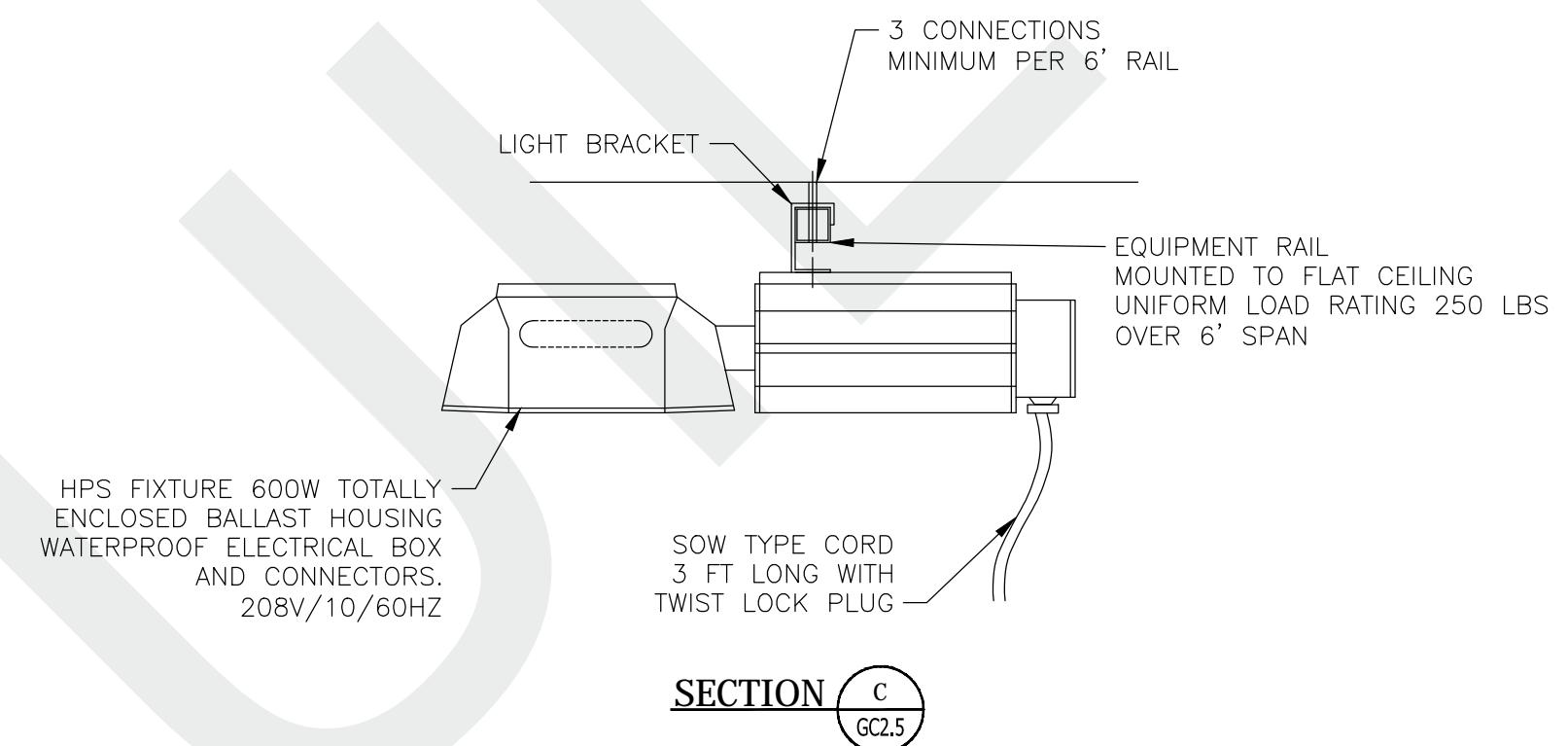
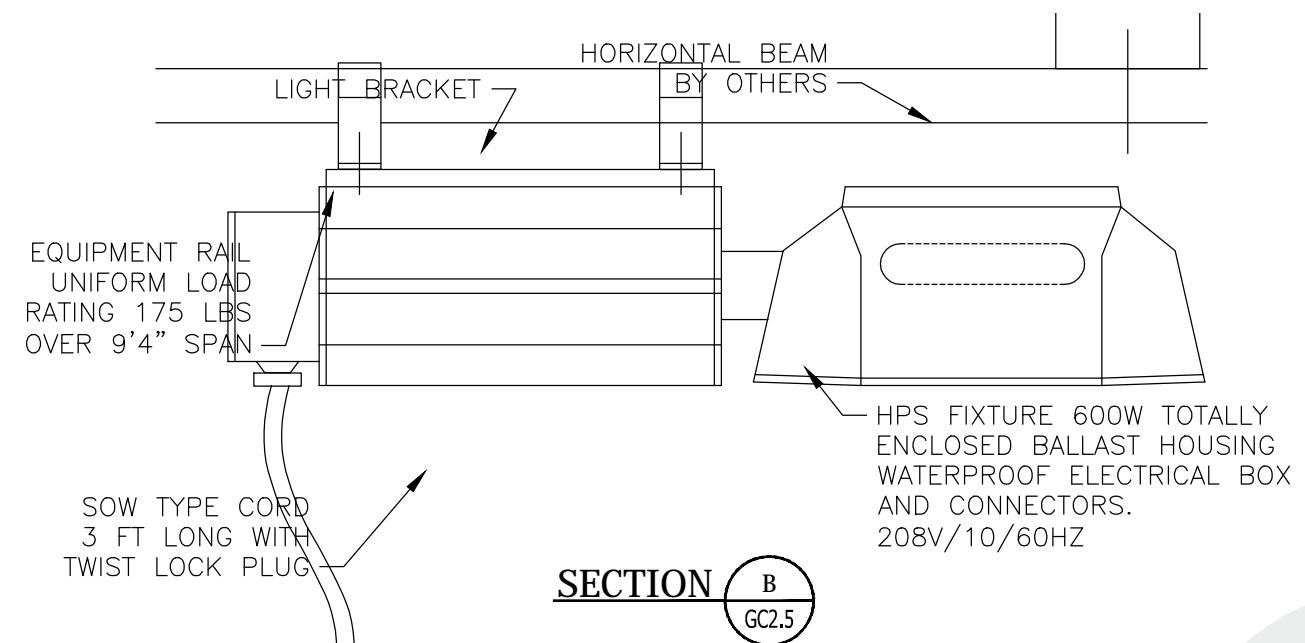
LIGHTING LAYOUT
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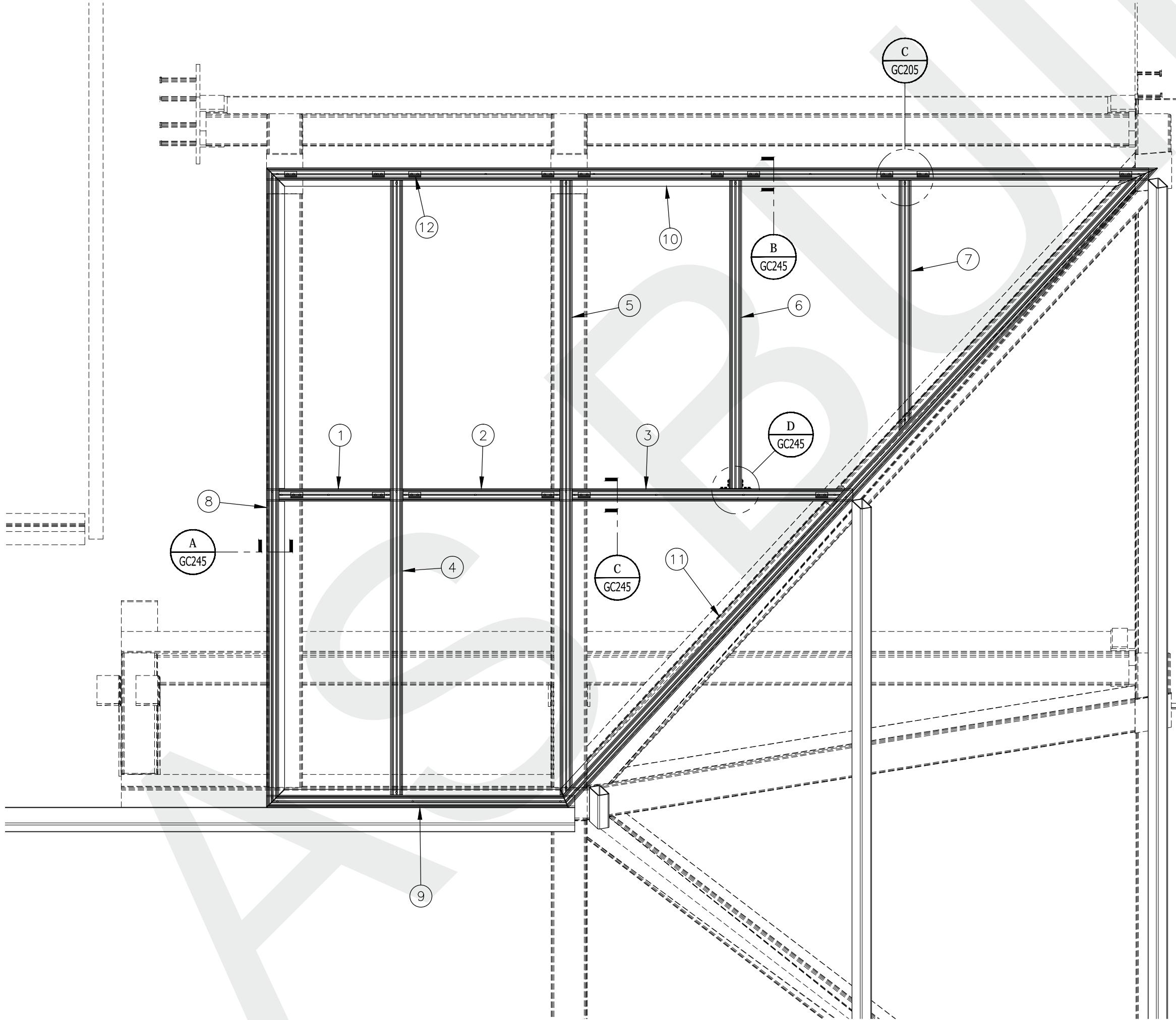
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MAW CEF
SHEET

GC2.5



#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY
1	997444	NORTH MID HORIZONTAL BAR x 18 3/8" DRILLED	1
2	997445	NORTH MID HORIZONTAL BAR x 25 7/8" DRILLED	1
3	997446	NORTH MID HORIZONTAL BAR x 45 1/16" DRILLED & MITERED	1
4	997447	NORTH MID VERTICAL BAR x 101 1/2" DRILLED	1
5	997448	NORTH MID VERTICAL BAR x 101 1/2" DRILLED & MITERED	1
6	997449	NORTH MID VERTICAL BAR x 50 7/8" DRILLED	1
7	997450	NORTH MID VERTICAL BAR x 41 5/16" DRILLED & MITERED	1
8	997451	NORTH EDGE VERTICAL BAR x 105 1/2" DRILLED, NOTCHED & MITERED	1
9	997452	NORTH TOP HORIZONTAL BAR x 49 3/4" DRILLED & MITERED	1
10	997453	NORTH BOTTOM HORIZONTAL BAR x 147 1/8" DRILLED & MITERED	1
11	997454	NORTH EDGE DIAGONAL BAR x 143 9/16" DRILLED, NOTCHED & MITERED	1
12	995250	SETTING BLOCK 2" W/ NEO-TAPE	16
13	103480	#14 3/4" B HEX BOLT WW SS	32
14	1257	#12-24 2" TEK 5, 5/8" WSHR BI-MTL	30
15	12891SS	1/4-20 1-1/4" HEX BOLT SS	7
16	1303SS	1/4-20 LKNT SERR FLNG SS	7



NORTH PLAN VIEW GLAZING BAR
LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO
PROJECT # 4758

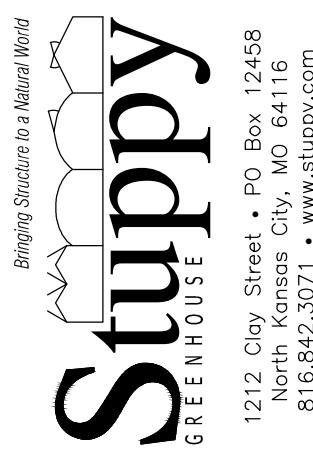
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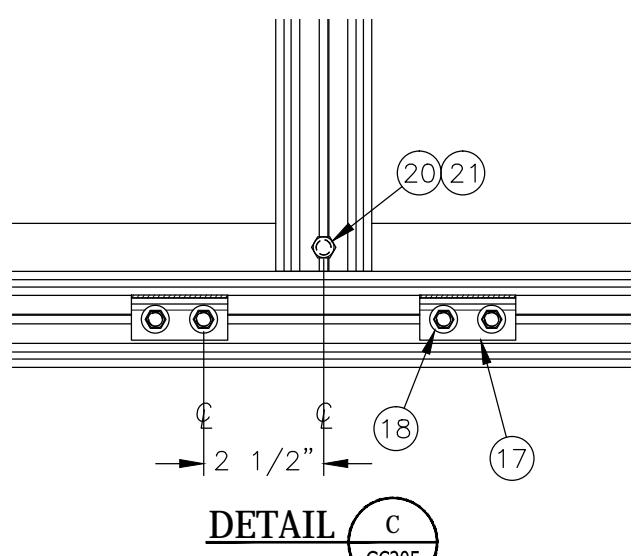
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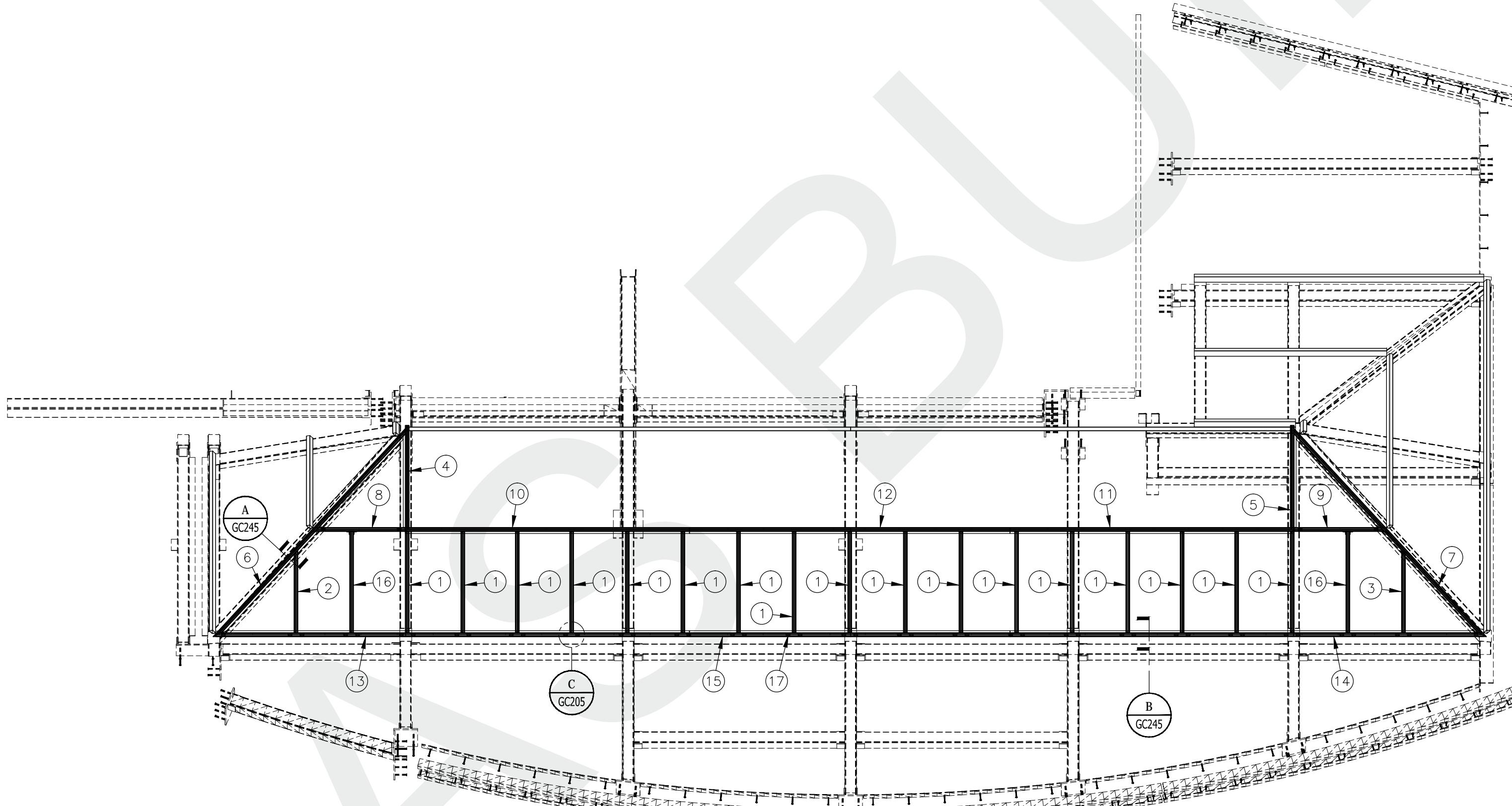
GC200
C-12113





LOCATION OF SETTING BLOCK
CAN SHIFT IF THE TEK
HOLDING THE BAR TO THE
PURLIN IS IN THE WAY

#	ITEM #	MATERIAL LIST - PART DESCRIPTION	QTY
1	997455	SOUTH MID VERTICAL BAR x 50 7/8" DRILLED	17
2	997456	SOUTH LEFT VERTICAL BAR x 41 5/16" DRILLED & MITERED	1
3	997457	SOUTH RIGHT VERTICAL BAR x 41 5/16" DRILLED & MITERED	1
4	997458	SOUTH LEFT VENT FRAME VERTICAL x 53 3/8" DRILLED, NOTCHED & MITERED	1
5	997459	SOUTH RIGHT VENT FRAME VERTICAL x 53 3/8" DRILLED, NOTCHED & MITERED	1
6	997460	SOUTH LEFT DIAGONAL BAR x 142 5/8" DRILLED, NOTCHED & MITERED	1
7	997461	SOUTH RIGHT DIAGONAL BAR x 142 5/8" DRILLED, NOTCHED & MITERED	1
8	997462	SOUTH MID LEFT HORIZONTAL BAR x 45 1/16" DRILLED & MITERED	1
9	997463	SOUTH MID RIGHT HORIZONTAL BAR x 45 1/16" DRILLED & MITERED	1
10	997464	SOUTH LEFT VENT FRAME HORIZONTAL BAR x 142 15/16" DRILLED & MITERED	1
11	997465	SOUTH RIGHT VENT FRAME HORIZONTAL BAR x 142 15/16" DRILLED & MITERED	1
12	997466	SOUTH MID VENT FRAME BAR x 161 1/4" DRILLED	1
13	997467	SOUTH LEFT EAVE HORIZONTAL BAR x 239 3/4" DRILLED & MITERED	1
14	997468	SOUTH RIGHT EAVE HORIZONTAL BAR x 239 3/4" DRILLED & MITERED	1
15	997469	SOUTH MID EAVE HORIZONTAL BAR x 161 1/4" DRILLED	1
16	997478	EAST MID VERTICAL BAR x 50 7/8" DRILLED	2
17	995250	SETTING BLOCK 2" W/ NEO-TAPE	48
18	103480	#14 3/4" B HEX BOLT WW SS	96
19	1257	#12-24 2" TEK 5, 5/8" WSHR BI-MTL	82
20	12891SS	1/4-20 1-1/4" HEX BOLT SS	42
21	1303SS	1/4-20 LKNT SERR FLNG SS	42



SOUTH PLAN VIEW GLAZING BAR
LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO
PROJECT # 4758

ISSUE DATE

REVISIONS

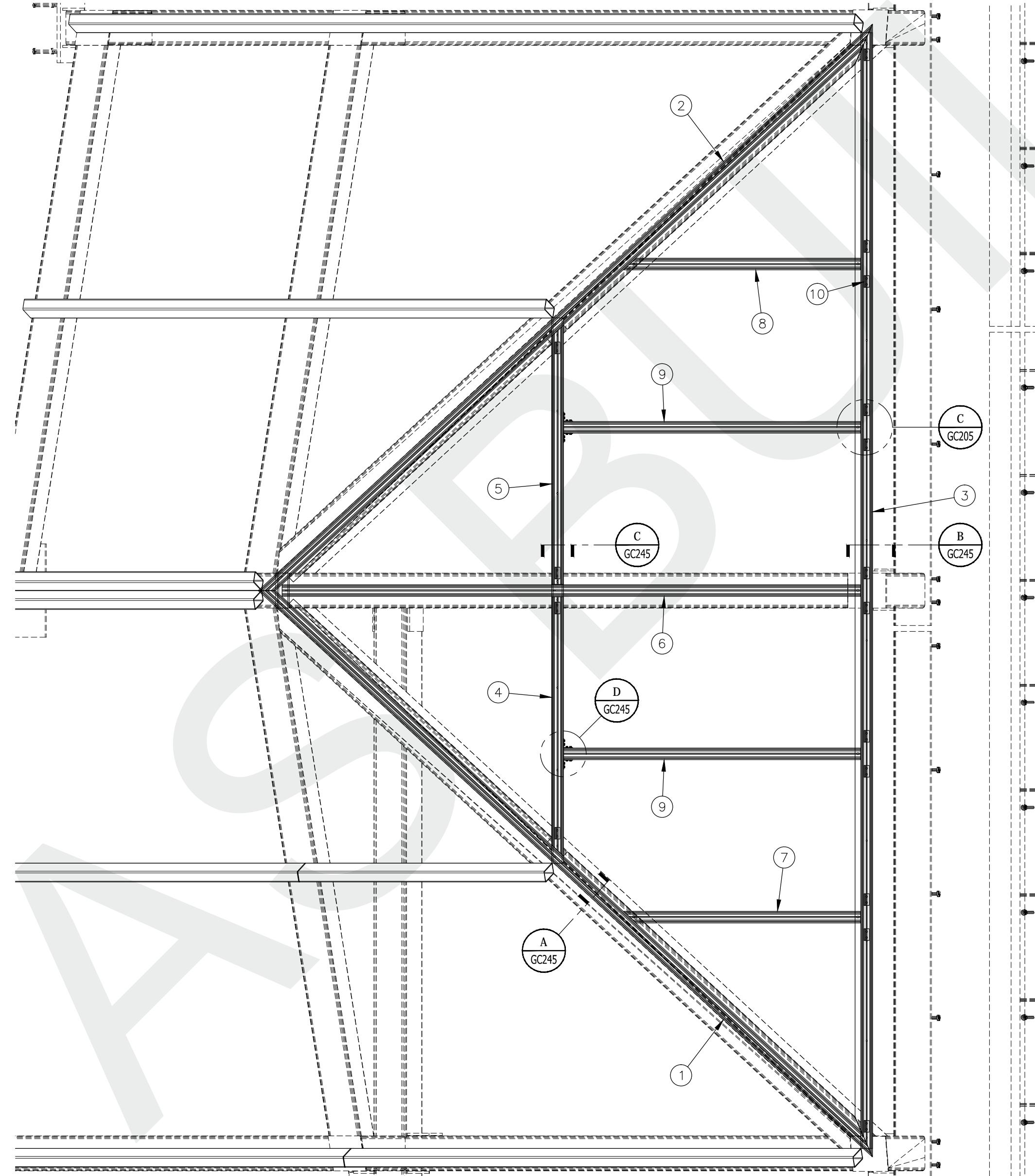
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#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY
1	997470	EAST LEFT DIAGONAL BAR x 143 1/8" DRILLED, NOTCHED & MITERED	1
2	997471	EAST RIGHT DIAGONAL BAR x 143 1/8" DRILLED, NOTCHED & MITERED	1
3	997472	EAST EAVE HORIZONTAL BAR x 194 1/4" DRILLED & MITERED	1
4	997473	EAST LEFT HORIZONTAL BAR x 44 7/16" DRILLED & MITERED	1
5	997474	EAST RIGHT HORIZONTAL BAR x 44 7/16" DRILLED & MITERED	1
6	997475	EAST CENTER VERTICAL BAR x 99 1/8" DRILLED	1
7	997476	EAST LEFT VERTICAL BAR x 40 5/8" DRILLED & MITERED	1
8	997477	EAST RIGHT VERTICAL BAR x 40 5/8" DRILLED & MITERED	1
9	997478	EAST MID VERTICAL BAR x 50 7/8" DRILLED	2
10	995250	SETTING BLOCK 2" W/ NEO-TAPE	16
11	103480	#14 3/4" B HEX BOLT WW SS	32
12	1257	#12-24 2" TEK 5, 5/8" WSHR BI-MTL	28
13	12891SS	1/4-20 1-1/4" HEX BOLT SS	7
14	1303SS	1/4-20 LKNT SERR FLNG SS	7



EAST PLAN VIEW GLAZING BAR
LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO
PROJECT # 4758

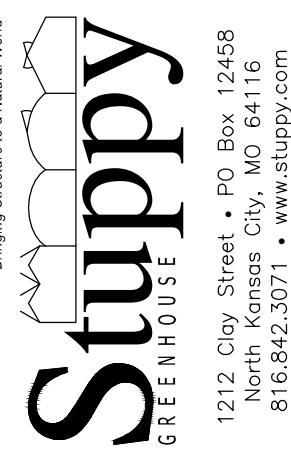
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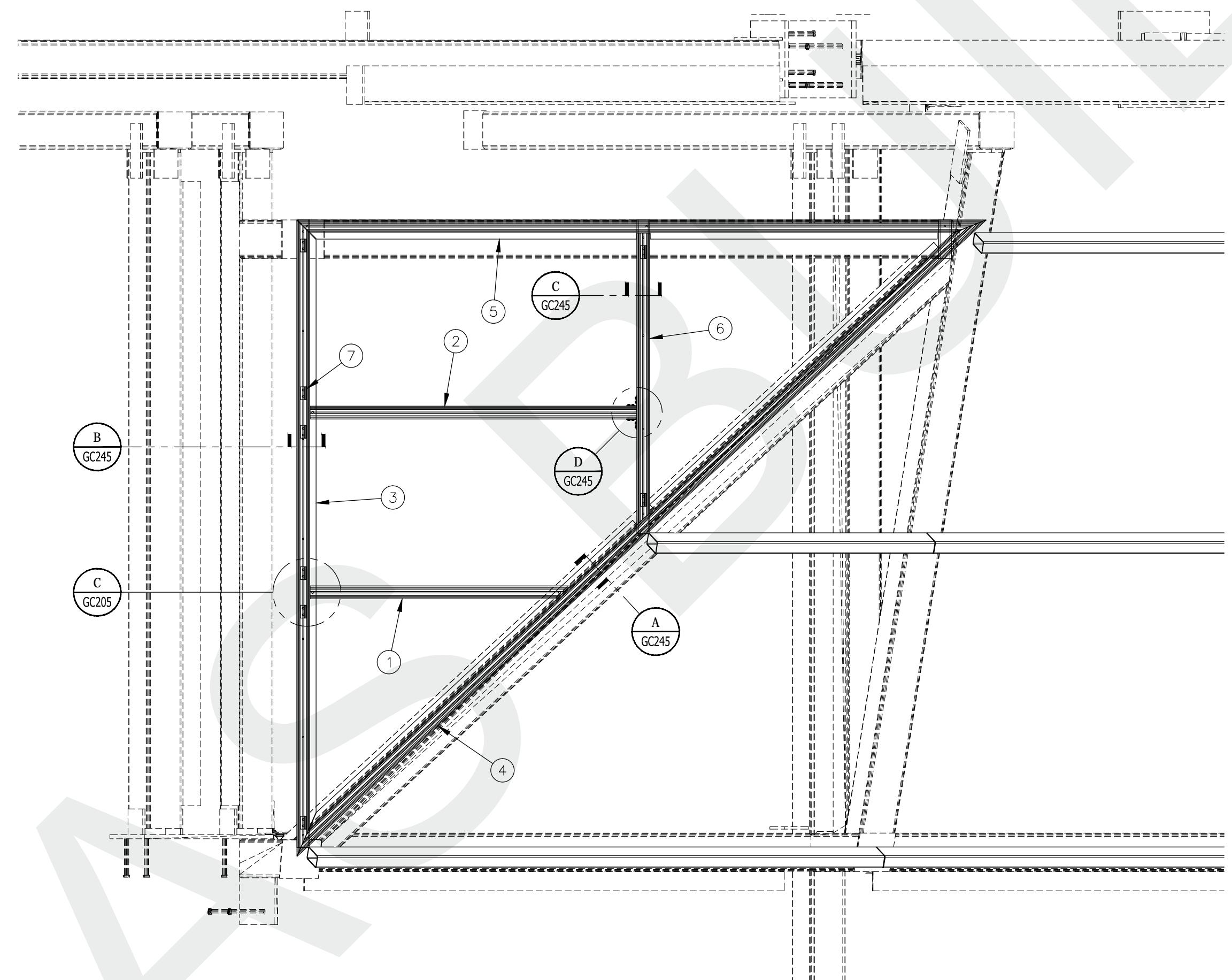
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GC210
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#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY
1	997477	EAST RIGHT VERTICAL BAR x 40 5/8" DRILLED & MITERED	1
2	997478	EAST MID VERTICAL BAR x 50 7/8" DRILLED	1
3	997479	WEST EAVE HORIZONTAL BAR x 99 1/16" DRILLED & MITERED	1
4	997480	WEST DIAGONAL BAR x 146 1/8" DRILLED, NOTCHED & MITERED	1
5	997481	WEST EDGE VERTICAL BAR x 107 3/8" DRILLED, NOTCHED & MITERED	1
6	997482	WEST MID HORIZONTAL BAR x 45 7/16" DRILLED & MITERED	1
7	995250	SETTING BLOCK 2" W/ NEO-TAPE	8
8	103480	#14 3/4" B HEX BOLT WW SS	16
9	1257	#12-24 2" TEK 5, 5/8" WSHR BI-MTL	17
10	12891SS	1/4-20 1-1/4" HEX BOLT SS	3
11	1303SS	1/4-20 LKNT SERR FLNG SS	3



WEST PLAN VIEW GLAZING BAR
LOCATION
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ST. LOUIS, MO
PROJECT # 4758

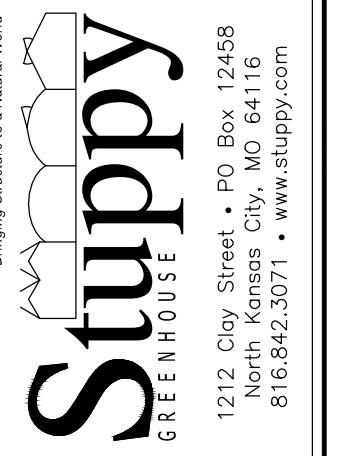
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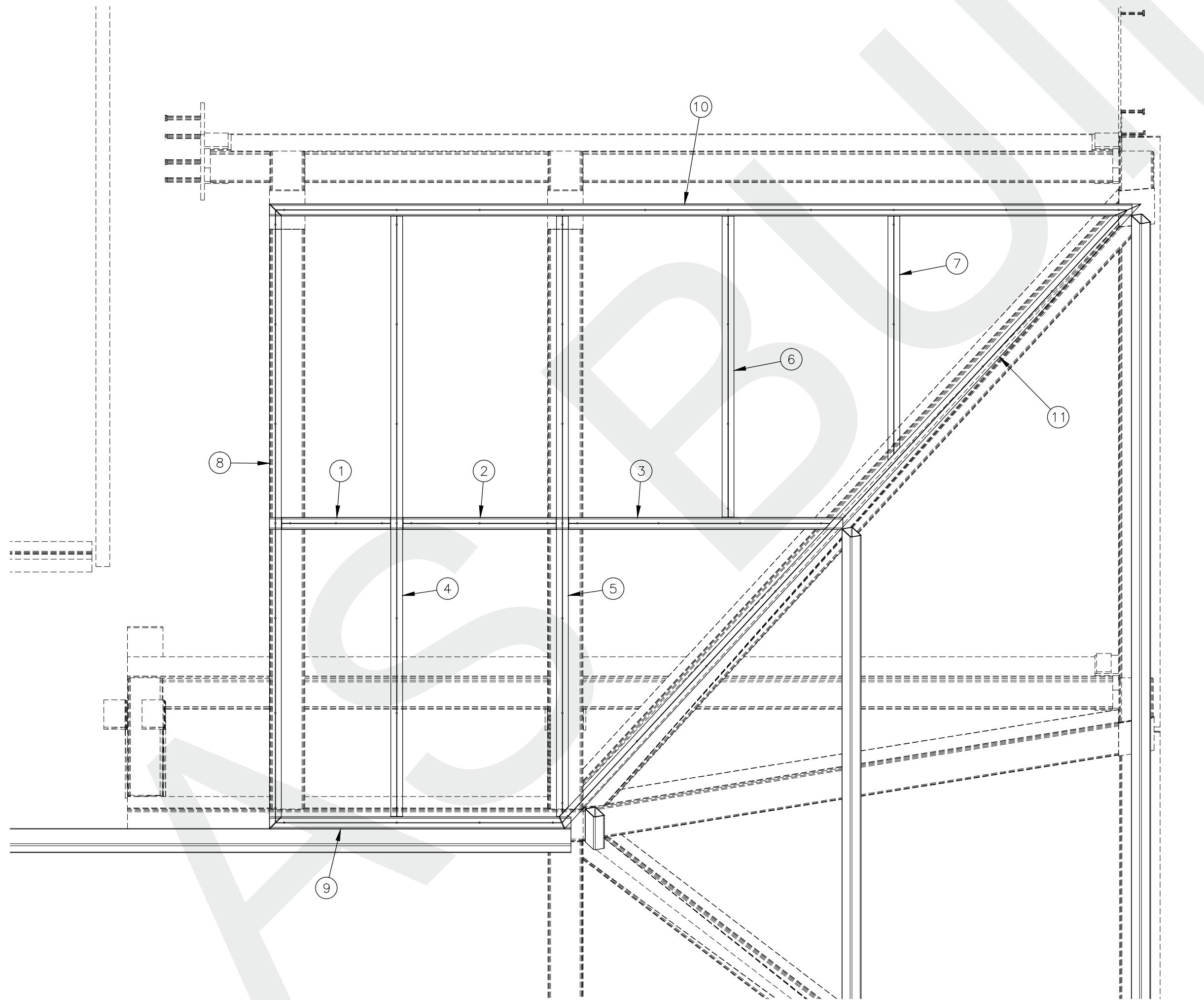
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GC215
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#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY
1	997483	NORTH MID HORIZONTAL CAP x 18 3/8" DRILLED	1
2	997484	NORTH MID HORIZONTAL CAP x 25 7/8" DRILLED	1
3	997485	NORTH MID HORIZONTAL CAP x 45 1/16" DRILLED & MITERED	1
4	997486	NORTH MID VERTICAL CAP x 101 1/2" DRILLED	1
5	997487	NORTH MID VERTICAL CAP x 101 1/2" DRILLED & MITERED	1
6	997488	NORTH MID VERTICAL CAP x 50 7/8" DRILLED	1
7	997489	NORTH MID VERTICAL CAP x 41 5/16" DRILLED & MITERED	1
8	997490	NORTH EDGE VERTICAL CAP x 105 1/2" DRILLED & MITERED	1
9	997491	NORTH TOP HORIZONTAL CAP x 49 3/4" DRILLED & MITERED	1
10	997492	NORTH BOTTOM HORIZONTAL CAP x 147 3/16" DRILLED & MITERED	1
11	997493	NORTH EDGE DIAGONAL CAP x 143 9/16" DRILLED & MITERED	1
12	103472	#14 2-1/2" B HEX BOLT SS 5/8" WASHER	61



NORTH PLAN VIEW GLAZING CAP
 LOCATION
 MICDS GREENHOUSE
 ST. LOUIS, MO
 PROJECT # 4758

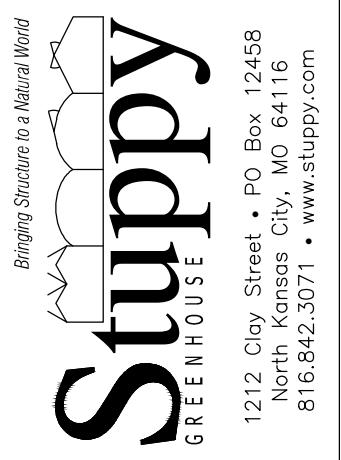
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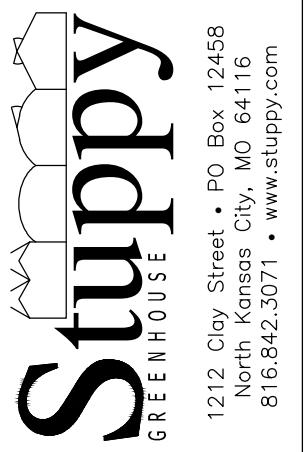
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GC220
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SOUTH PLAN VIEW GLAZING CAP
LOCATION
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ST. LOUIS, MO
PROJECT # 4758

ISSUE DATE

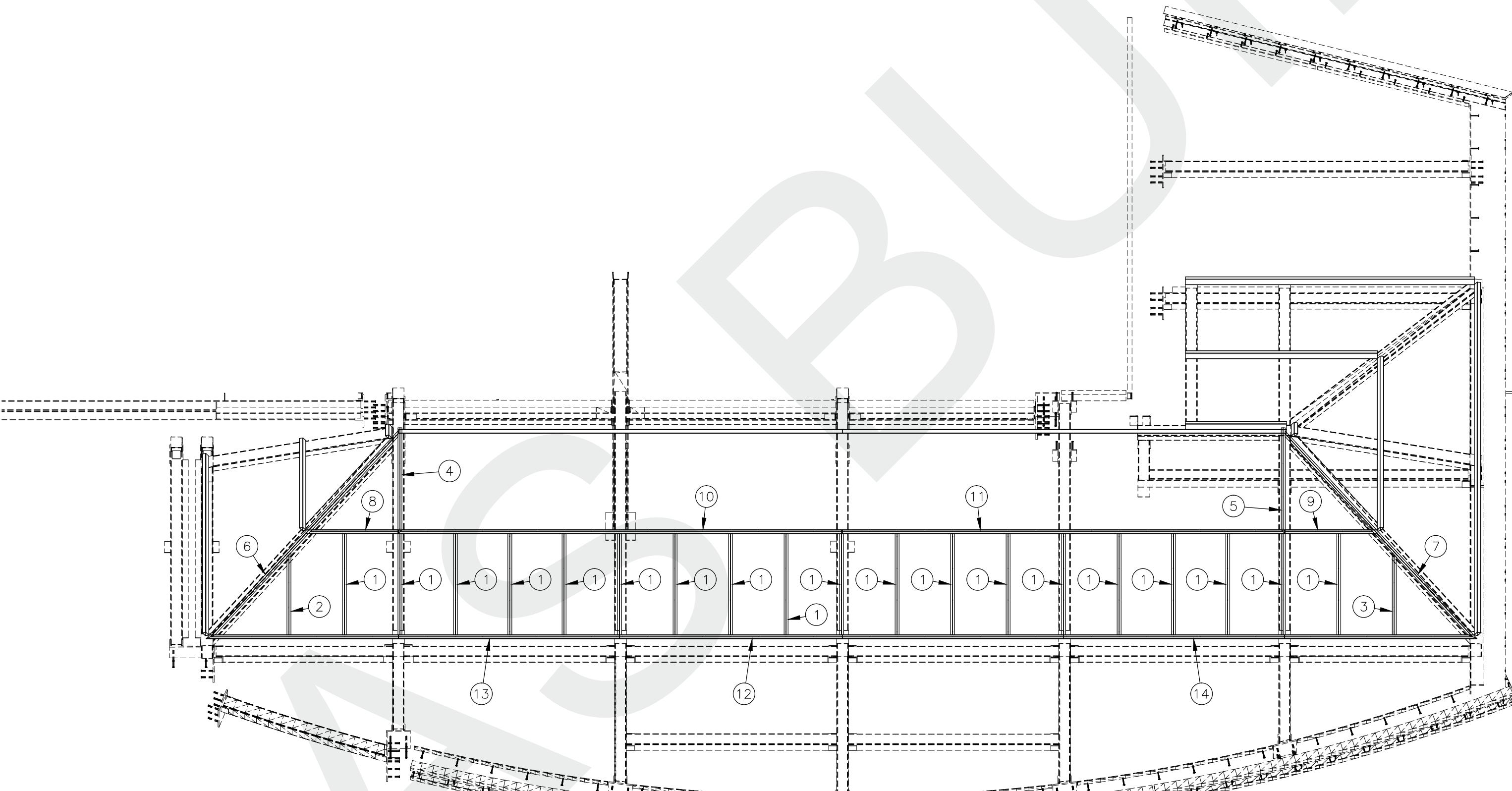
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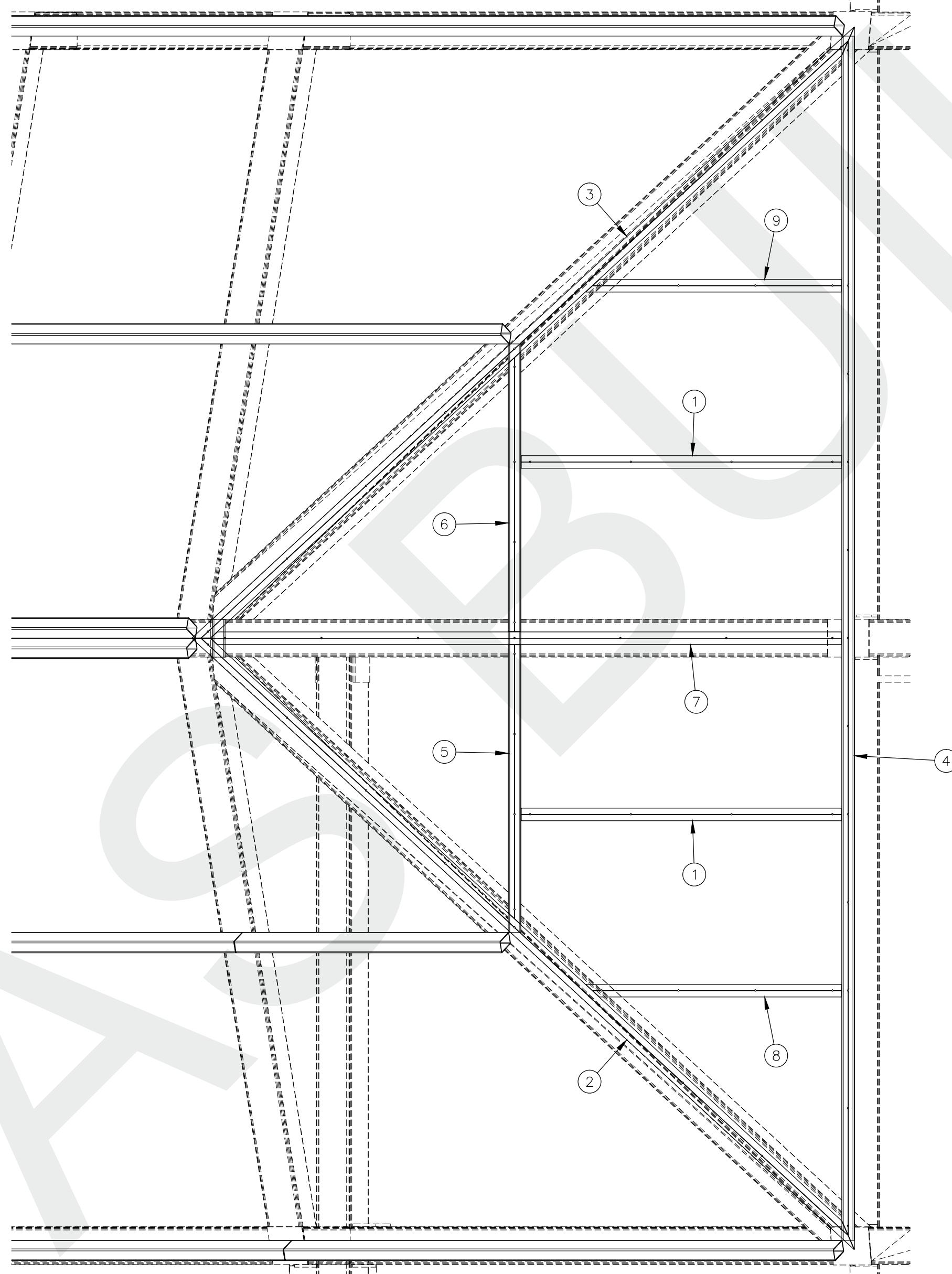
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GC225
C-12113

#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY
1	997494	SOUTH MID VERTICAL CAP x 50 7/8" DRILLED	19
2	997495	SOUTH LEFT VERTICAL CAP x 41 5/16" DRILLED & MITERED	1
3	997496	SOUTH RIGHT VERTICAL CAP x 41 5/16" DRILLED & MITERED	1
4	997497	SOUTH LEFT VENT CAP VERTICAL x 53 3/8" DRILLED & MITERED	1
5	997498	SOUTH RIGHT VENT CAP VERTICAL x 53 3/8" DRILLED & MITERED	1
6	997499	SOUTH LEFT DIAGONAL CAP x 142 5/8" DRILLED & MITERED	1
7	997500	SOUTH RIGHT DIAGONAL CAP x 142 5/8" DRILLED & MITERED	1
8	997501	SOUTH MID LEFT HORIZONTAL CAP x 45 1/16" DRILLED & MITERED	1
9	997502	SOUTH MID RIGHT HORIZONTAL CAP x 45 1/16" DRILLED & MITERED	1
10	997503	SOUTH LEFT VENT FRAME HORIZONTAL CAP x 223 5/8" DRILLED & MITERED	1
11	997504	SOUTH RIGHT VENT FRAME HORIZONTAL CAP x 223 5/8" DRILLED & MITERED	1
12	997505	SOUTH MID VENT FRAME CAP x 223 7/8" DRILLED	1
13	997506	SOUTH LEFT EAVE HORIZONTAL CAP x 208 7/16" DRILLED & MITERED	1
14	997507	SOUTH RIGHT EAVE HORIZONTAL CAP x 208 7/16" DRILLED & MITERED	1
15	103472	#14 2-1/2" B HEX BOLT SS 5/8" WASHER	199



#	ITEM #	MATERIAL LIST - PART DESCRIPTION	QTY
1	997494	SOUTH MID VERTICAL CAP x 50 7/8" DRILLED	2
2	997508	EAST LEFT DIAGONAL CAP x 143 1/8" DRILLED & MITERED	1
3	997509	EAST RIGHT DIAGONAL CAP x 143 1/8" DRILLED & MITERED	1
4	997510	EAST EAVE HORIZONTAL CAP x 194 3/16" DRILLED & MITERED	1
5	997511	EAST LEFT HORIZONTAL CAP x 44 7/16" DRILLED & MITERED	1
6	997512	EAST RIGHT HORIZONTAL CAP x 44 7/16" DRILLED & MITERED	1
7	997513	EAST CENTER VERTICAL CAP x 100 1/4" DRILLED & MITERED	1
8	997514	EAST LEFT VERTICAL CAP x 40 5/8" DRILLED & MITERED	1
9	997515	EAST RIGHT VERTICAL CAP x 40 5/8" DRILLED & MITERED	1
10	103472	#14 2-1/2" B HEX BOLT SS 5/8" WASHER	62



EAST PLAN VIEW GLAZING CAP
LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO
PROJECT # 4758

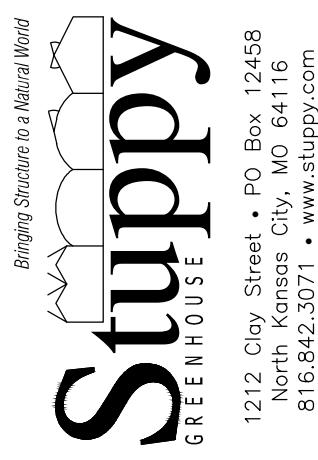
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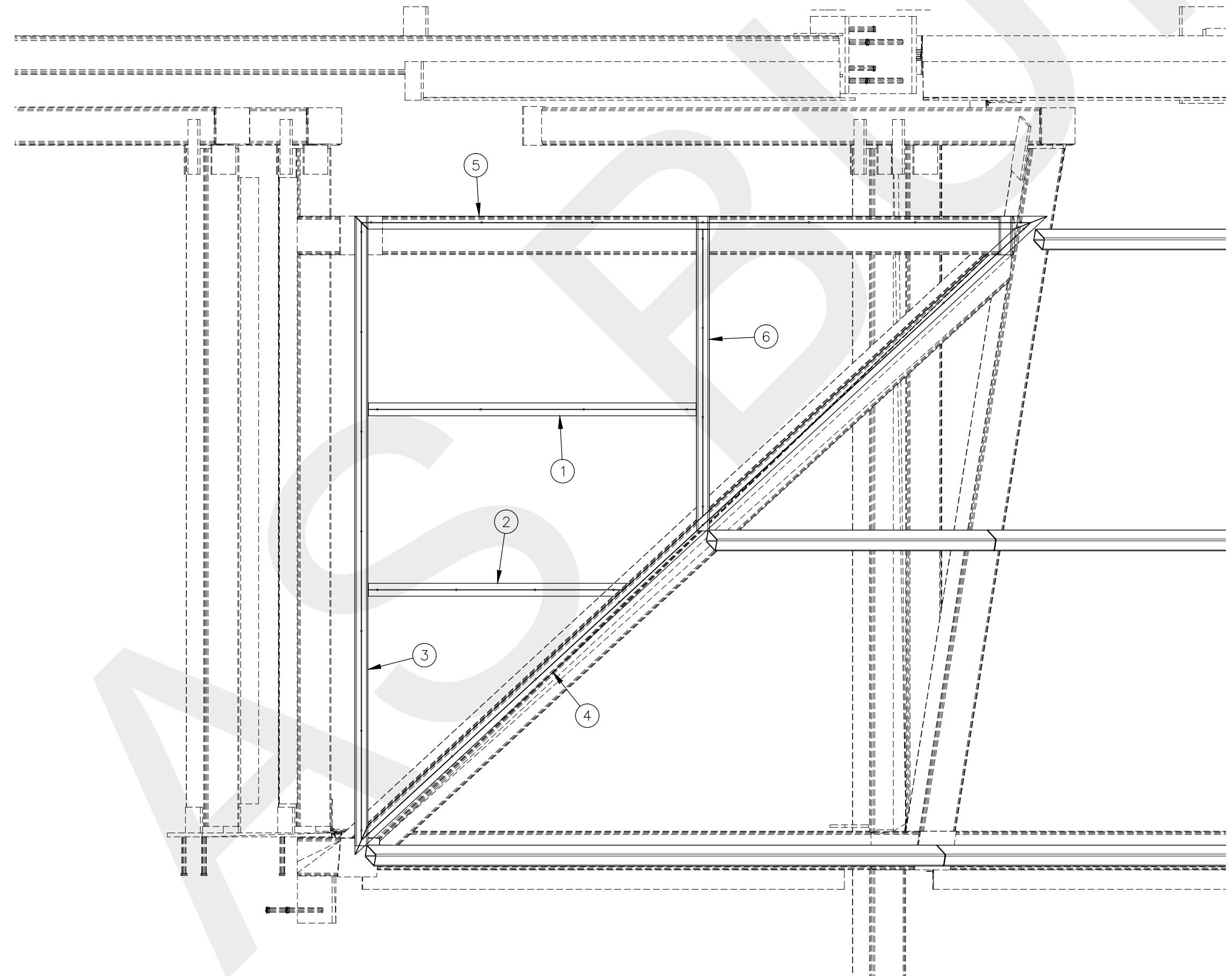
SHEET

GC230
C-12113



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#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY
1	997494	SOUTH MID VERTICAL CAP x 50 7/8" DRILLED	1
2	997515	EAST RIGHT VERTICAL CAP x 40 5/8" DRILLED & MITERED	1
3	997516	WEST EAVE HORIZONTAL CAP x 99 1/16" DRILLED & MITERED	1
4	997517	WEST DIAGONAL CAP x 146 1/8" DRILLED & MITERED	1
5	997518	WEST EDGE VERTICAL CAP x 107 3/8" DRILLED & MITERED	1
6	997519	WEST MID HORIZONTAL CAP x 45 7/16" DRILLED & MITERED	1
7	103472	#14 2-1/2" B HEX BOLT SS 5/8" WASHER	35



WEST PLAN VIEW GLAZING CAP
LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO
PROJECT # 4758

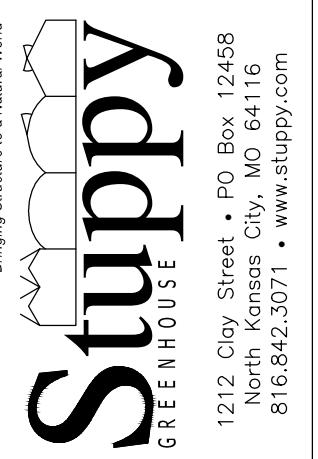
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GC235
C-12113



SOUTH PLAN VIEW

SECTION A GC240

SECTION B GC240

RIDGE & VENT HINGE EXRUSION LAYOUT
MICDS GREENHOUSE
ST. LOUIS, MO
PROJECT # 4758

ISSUE DATE

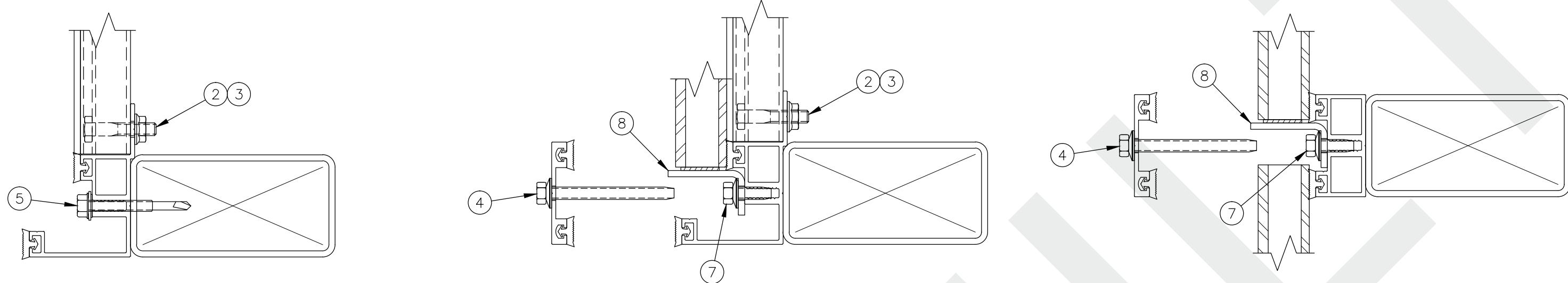
REVISIONS

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SHEET

GC240
C-12113

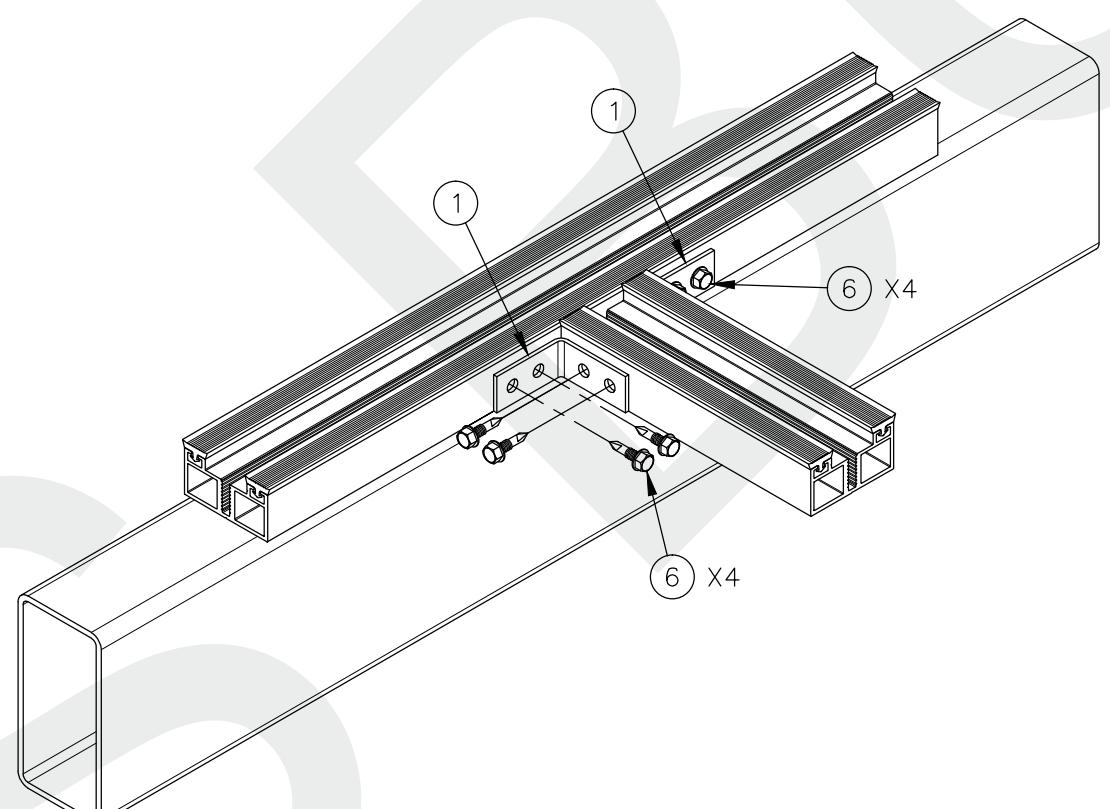
#	ITEM #	MATERIAL LIST - PART DESCRIPTION	QTY
1	997608	GLASS RIDGE END X 40" PAINTED	1
2	997610	GLASS RIDGE X 144" PAINTED	1
3	997611	GLASS RIDGE MID X 79 1/2" PAINTED	1
4	997612	GLASS RIDGE HINGE WEST END X 140" PAINTED	1
5	997613	GLASS RIDGE HINGE EAST END X 140" PAINTED	1
6	997614	GLASS RIDGE HINGE WEST MID X 83 3/4" PAINTED	1
7	997615	GLASS RIDGE HINGE EAST MID X 83 3/4" PAINTED	1
8	997647	GLASS RIDGE END X 40" NOTCHED PAINTED	1
9	997648	GLASS RIDGE X 144" NOTCHED PAINTED	1
10	997538	3/16" AL 98" RIDGE BAR BKT PAINTED	4
11	13468SS	3/8-16 2-3/4" HEX BOLT SS	20
12	1349SS	3/8-16 LKNT HEX FLNG SS	20
13	1338SS	5/16-18 3/4" CCE BOLT SS	36
14	13382	5/16-18 1/2" HEX BOLT G5CD	32
15	13459	5/16-18 LKNT SERR FLNG SS	68
16	1253	#12-24 1-1/2" TEK 5 WW BI-MTL	26



SECTION A
GC245

SECTION B
GC245

SECTION C
GC245



DETAIL D
GC245

#	ITEM #	MATERIAL LIST - PART DESCRIPTION	QTY
1	995252	1" IGU CORNER BRACKET	12
2	12891SS	1/4-20 1-1/4" HEX BOLT SS	--
3	1303SS	1/4-20 LKNT SERR FLNG SS	--
4	103472	#14 2-1/2" B HEX BOLT SS 5/8" WASHER	--
5	1257	#12-24 2" TEK 5, 5/8" WSHR BI-MTL	--
6	103403	#12-14 3/4" TEK 3 SS	48
7	103480	#14 3/4" B HEX BOLT WW SS	--
8	995250	SETTING BLOCK 2" W/ NEO-TAPE	--

GLAZING BAR & SETTING BLOCK
CONNECTION DETAILS
MICDS GREENHOUSE
ST. LOUIS, MO
PROJECT # 4758

ISSUE DATE

REVISIONS

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SHEET

GC245
C-12113

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SECTION A (GC250): Shows a welded corner detail with dimensions 27 7/8", 3/8", 27 3/8", 28", 28", 28", 28", 28", 27 3/8", 27 7/8". Components include 1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22.

SECTION B (GC250): Shows a hinge corner detail with dimensions 27 7/8", 3/8", 27 3/8", 28", 28", 28", 28", 28", 27 3/8", 27 7/8". Components include 1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22.

SECTION C (GC250): Shows a middle rail detail with dimensions 27 7/8", 3/8", 27 3/8", 28", 28", 28", 28", 28", 27 3/8", 27 7/8". Components include 1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22.

SECTION D (GC250): Shows a splice detail with dimensions 27 7/8", 3/8", 27 3/8", 28", 28", 28", 28", 28", 27 3/8", 27 7/8". Components include 1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22.

SECTION E (GC250): Shows a splice detail with dimensions 27 7/8", 3/8", 27 3/8", 28", 28", 28", 28", 28", 27 3/8", 27 7/8". Components include 1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22.

SECTION F (GC250): Shows a bottom rail detail with dimensions 27 7/8", 3/8", 27 3/8", 28", 28", 28", 28", 28", 27 3/8", 27 7/8". Components include 1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22.

NOTES: UNLESS OTHERWISE SPECIFIED
 1. ALL PARTS ARE TO EXACT SIZE AND SHOULD NOT NEED ANY MODIFICATIONS.
 2. AT HINGE CORNERS WHERE THREE EXTRUSIONS COME TOGETHER, THE ORDER FOR THE STACK-UP SHOULD GO VENT BOTTOM, HINGE, & GLASS BAR. (BOTTOM TO TOP)
 3. BAR & CAP SHOULD CONNECT TO FRAME WITH (2) T-BOLTS. ONE IN THE HINGE & ONE IN THE FRAME BOTTOM.
 4. ALL SPLICES (SECTION D & E) REQUIRE FIELD DRILL WITH Ø3/16" DRILL BIT.
 5. SEE VENT GLASS LAYOUT FOR APPROPRIATE PIECES OF GLASS.

#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY	#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY
1	997520	RIDGE VENT BAR 51 3/16" PAINTED	17	13	997605	RIDGE VENT RIGHT HINGE X 46 3/4" PAINTED	1
2	997521	RIDGE VENT CAP 51 3/4" PAINTED	15	14	994779	.080 7/8 X 4-1/4" VENT INTERMEDIATE SPLICE	8
3	997522	RIDGE VENT R3 OFFSET CAP 51 3/4" PAINTED	2	15	1155	EPDM SPONGE BULB SEAL	50
4	997592	RIDGE VENT LEFT CORNER WELDED	1	16	344814	RDR WINDOW CONNECTOR L20 D6 S68	12
5	997593	RIDGE VENT RIGHT CORNER WELDED	1	17	103996	BUTYL TAPE 1/8" X 1/4" X 65'RL GRAY	3
6	997594	RIDGE VENT LEFT RAIL 125 7/8" PAINTED	1	18	2315	SILICONE SEALANT 795–GRAY	6
7	997595	RIDGE VENT BOTTOM MIDDLE RAIL 97 1/8" PAINTED	1	19	103457	#12 1" B HEX BOLT WW SS	51
8	997596	RIDGE VENT BOTTOM RIGHT RAIL 125 7/8" PAINTED	1	20	12797SS	1/4-20 1" CGE BOLT SS	24
9	997601	RIDGE VENT LEFT HINGE 46 3/4" PAINTED	1	21	12796	1/4-20 1" T BOLT SS	34
10	997602	RIDGE VENT LEFT HINGE 125 7/8" PAINTED	1	22	13920	1/4-20 LKNT NYLON INSERT SS	58
11	997603	RIDGE VENT MIDDLE HINGE 97 1/8" PAINTED	1	23	1374	BLIND RIVET 3/16 X .125-.250 AL/AL	32
12	997604	RIDGE VENT RIGHT HINGE x 125 7/8" PAINTED	1	24	----	-----	--

RIDGE VENT EXTRUSION LAYOUT
MICDS GREENHOUSE
ST. LOUIS, MO

PROJECT # 4758

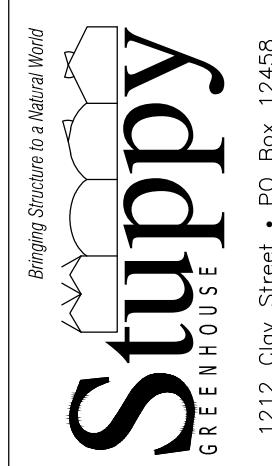
ISSUE DATE

REVISIONS

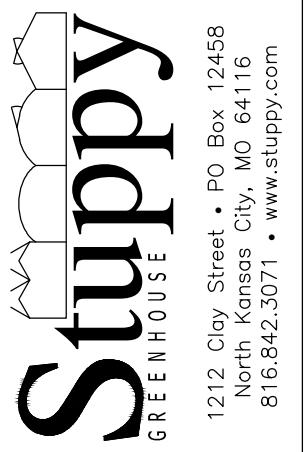
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SHEET

GC250
 C-12113



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NORTH PLAN VIEW GLASS LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO

PROJECT # 4758

ISSUE DATE

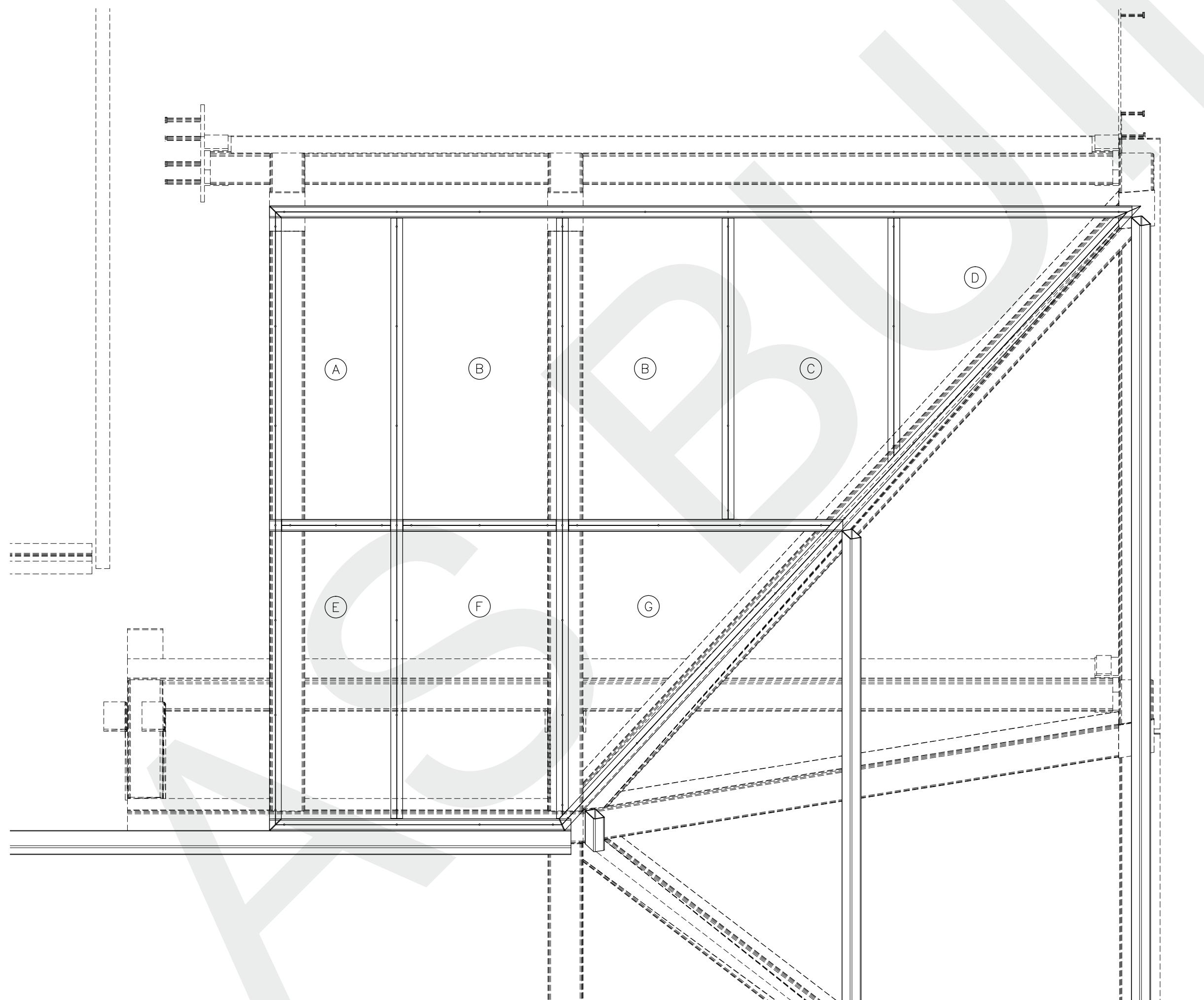
REVISIONS

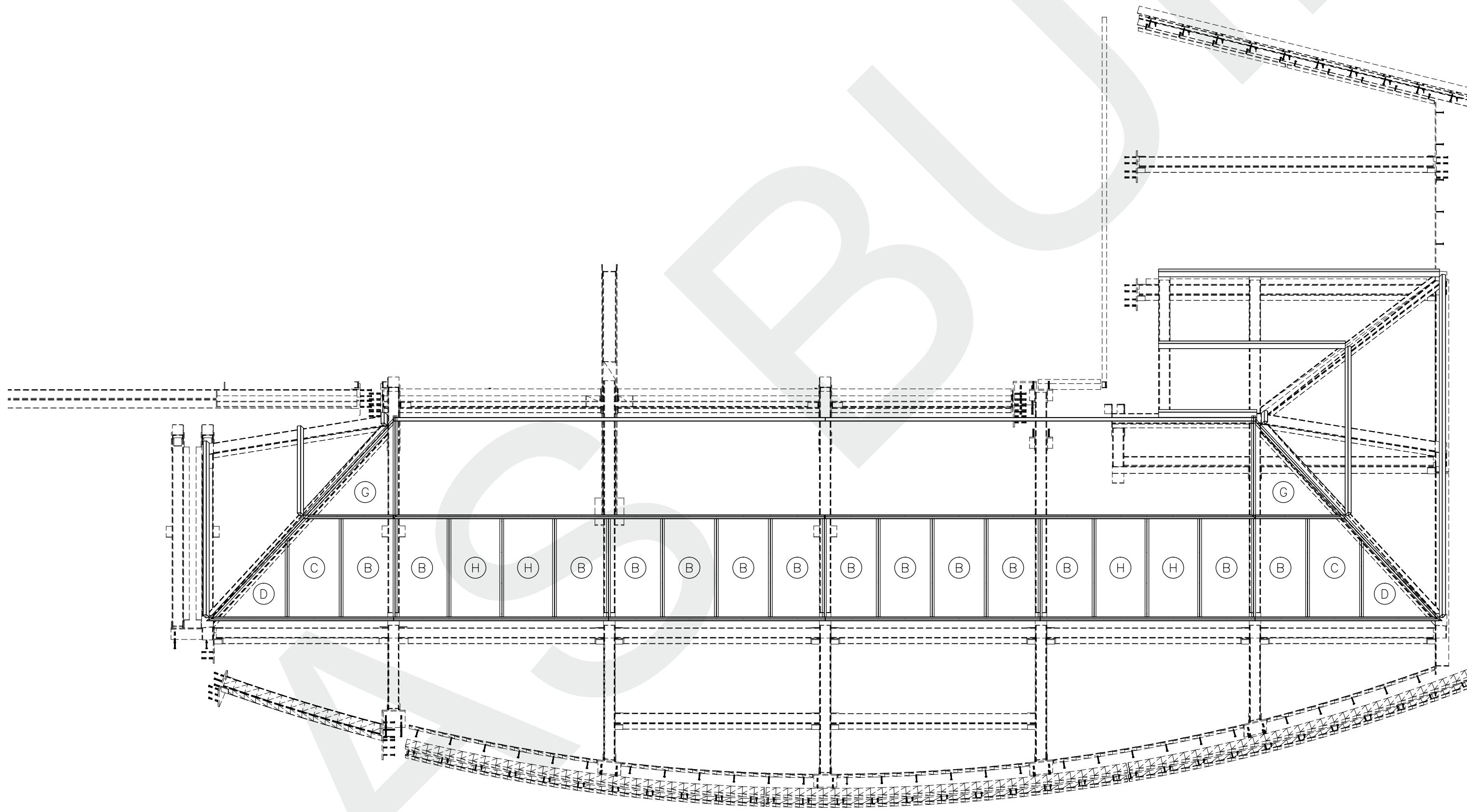
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BJA CEF

SHEET

GC255
C-12113

#	MATERIAL LIST – PART DESCRIPTION	QTY
A	19 3/4" x 52 1/8" 1" IGU w/ 5/32" CLEAR GLASS PANELS	1
B	27 1/4" x 52 1/8" 1" IGU w/ 5/32" CLEAR GLASS PANELS	2
C	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	1
D	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	1
E	19 3/4" x 49 3/4" 1" IGU w/ 5/32" CLEAR GLASS PANELS	1
F	27 1/4" x 49 3/4" 1" IGU w/ 5/32" CLEAR GLASS PANELS	1
G	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	1





#	MATERIAL LIST – PART DESCRIPTION	QTY
B	27 1/4" x 52 1/8" 1" IGU w/ 5/32" CLEAR GLASS PANELS	14
C	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	2
D	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	2
G	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	2
H	26 5/8" x 52 1/8" 1" IGU w/ 5/32" CLEAR GLASS PANELS	4

SOUTH PLAN VIEW GLASS LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO

PROJECT # 4758

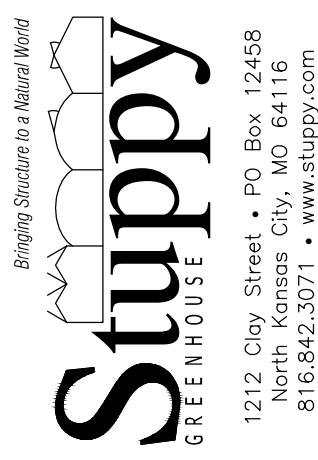
ISSUE DATE

REVISIONS

DRAWN CHECKED
BJA CEF

SHEET

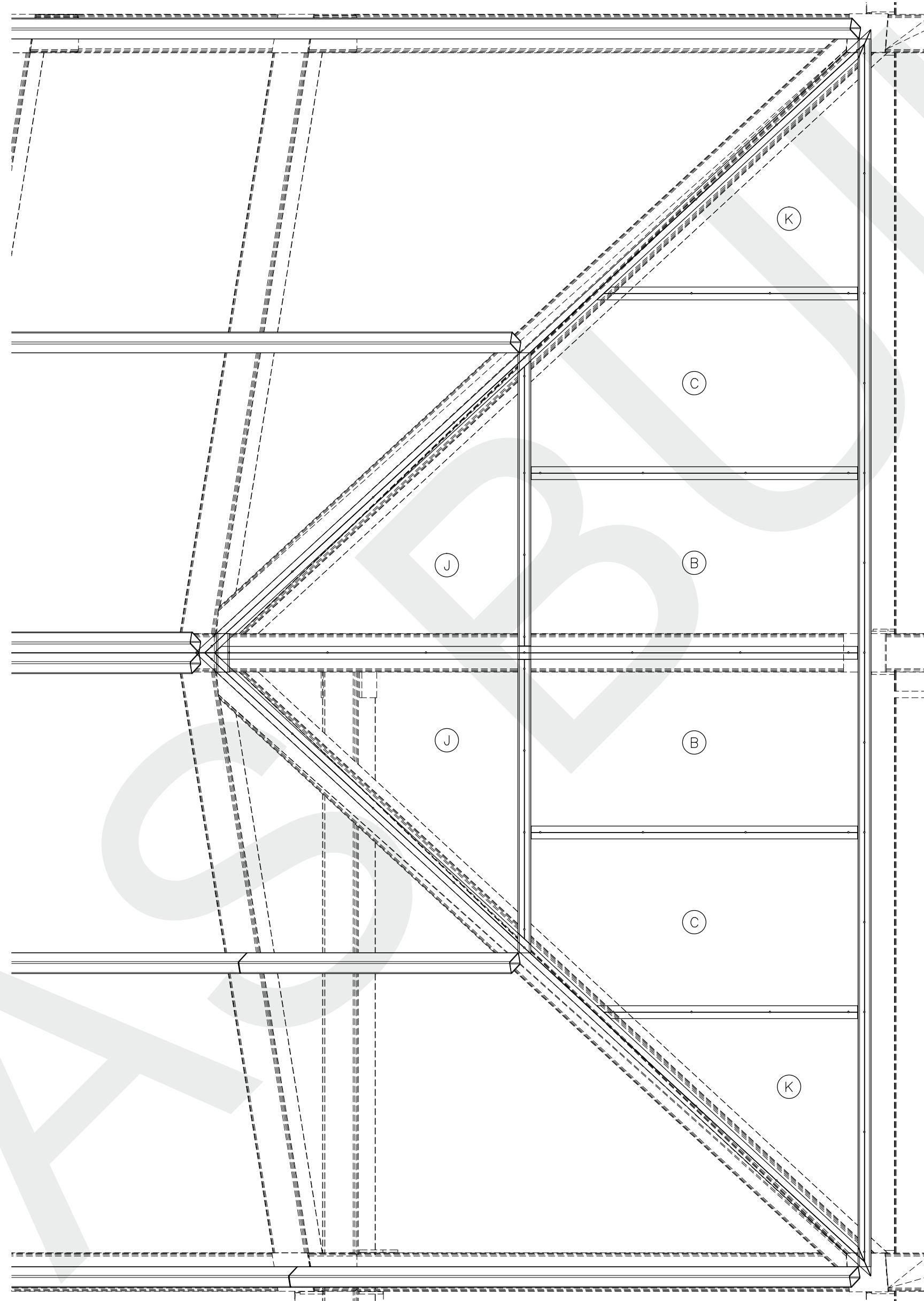
GC260
C-12113



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#	MATERIAL LIST – PART DESCRIPTION	QTY
B	27 1/4" x 52 1/8" 1" IGU w/ 5/32" CLEAR GLASS PANELS	2
C	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	2
K	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	2
J	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	2



EAST PLAN VIEW GLASS LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO

PROJECT # 4758

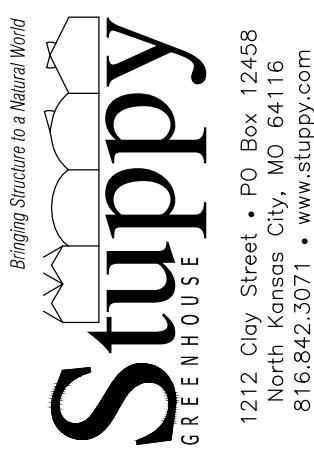
ISSUE DATE

REVISIONS

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BJA CEF

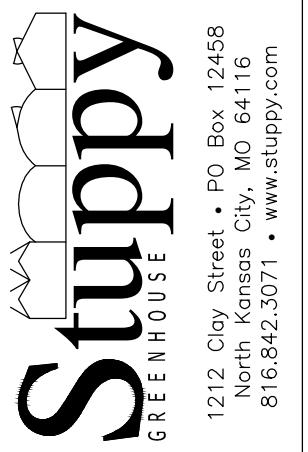
SHEET

GC265
C-12113



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WEST PLAN VIEW GLASS LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO

PROJECT # 4758

ISSUE DATE

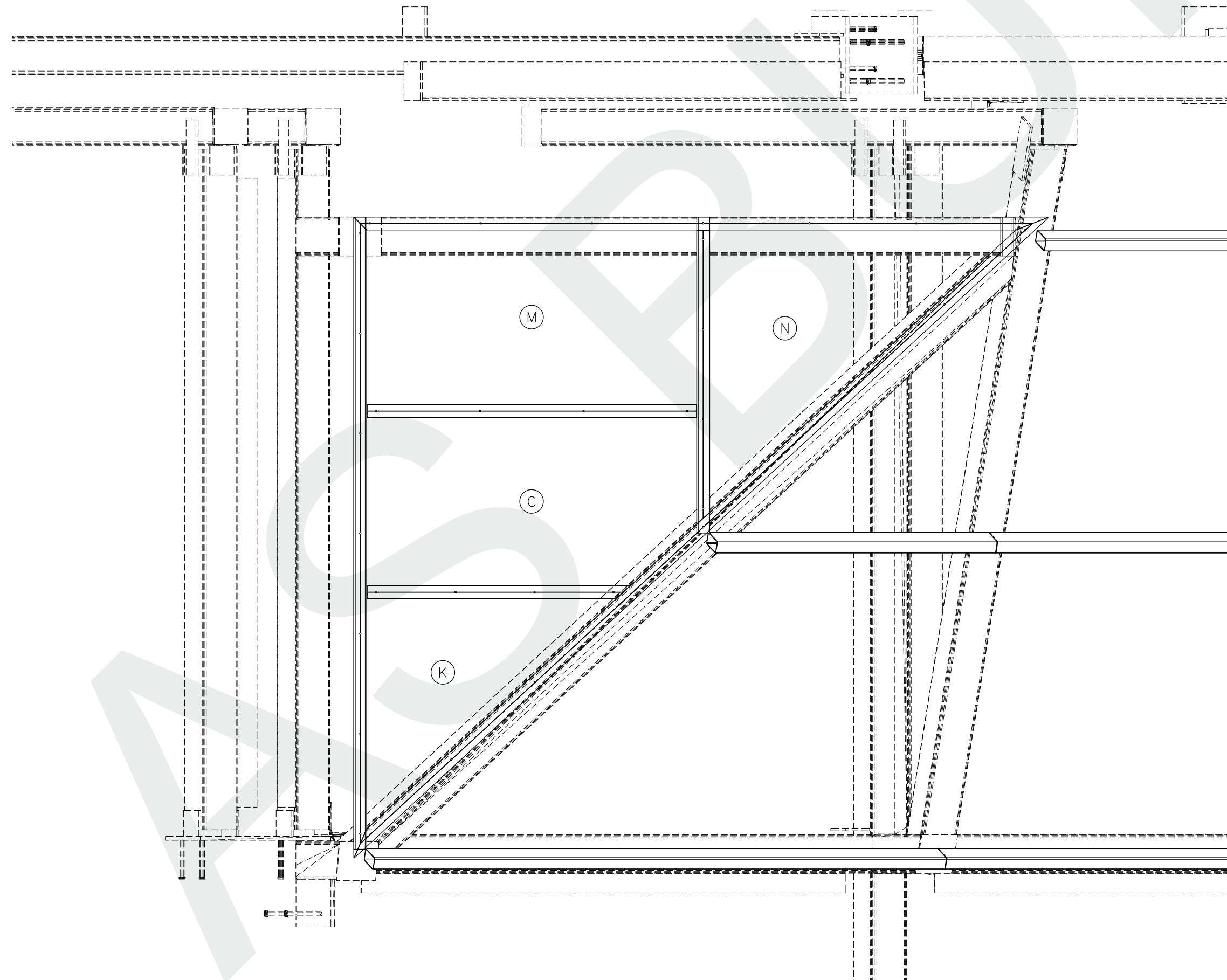
REVISIONS

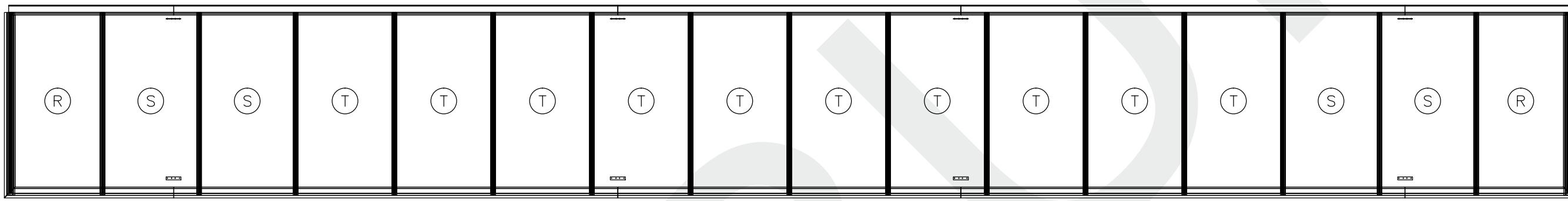
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BJA CEF

SHEET

GC270
C-12113

#	MATERIAL LIST – PART DESCRIPTION	QTY
C	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	1
K	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	1
M	28 1/4" x 52 1/8" 1" IGU w/ 5/32" CLEAR GLASS PANELS	1
N	SEE DRAWING – 1" IGU w/ 5/32" CLEAR GLASS PANELS	1





#	MATERIAL LIST – PART DESCRIPTION	QTY
R	25 7/16" x 52 7/16" 1/8" ON 1/8" w/ .060 INNER LAYER LAMINATED GLASS	2
S	26 7/8" x 52 7/16" 1/8" ON 1/8" w/ .060 INNER LAYER LAMINATED GLASS	4
T	27 1/2" x 52 7/16" 1/8" ON 1/8" w/ .060 INNER LAYER LAMINATED GLASS	10

**RIDGE VENT GLASS LOCATION
MICDS GREENHOUSE
ST. LOUIS, MO**

PROJECT # 4758

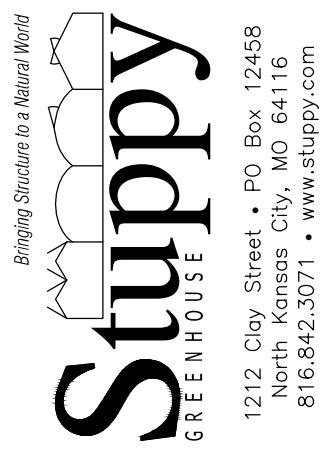
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SHEET

GC275
C-12113



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FLASHING LAYOUT
MICDS GREENHOUSE
ST. LOUIS, MO

PROJECT # 4758

ISSUE DATE

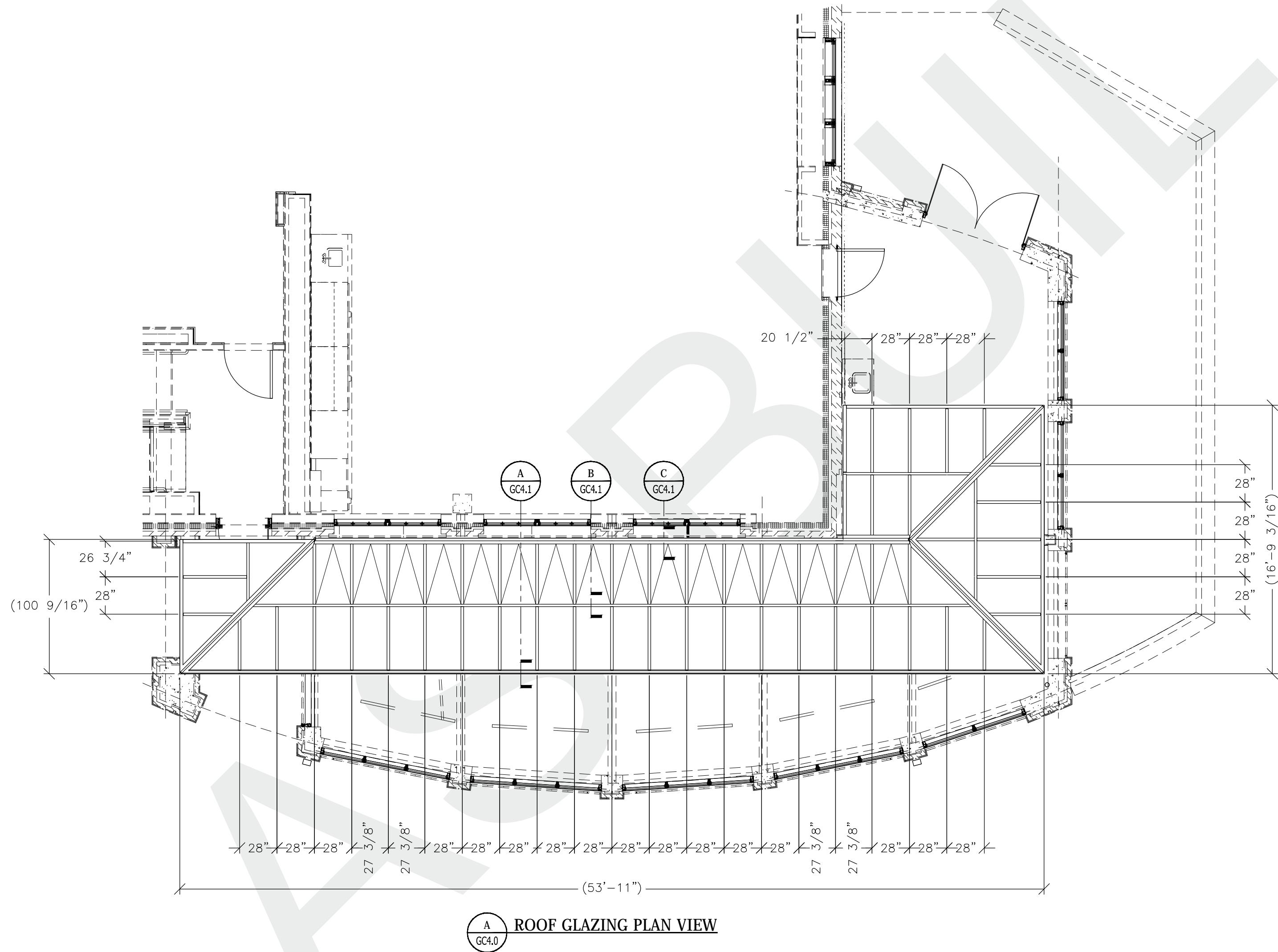
REVISIONS

DRAWN CHECKED
 BJA CEF

SHEET

GC300
 C-12113

#	ITEM #	MATERIAL LIST – PART DESCRIPTION	QTY
1	997542	.060 ROOF RAKE FLASHING X 120" PAINTED	2
2	997545	.060 RECEIVER FLASHING X 120" PAINTED	11
3	997548	.060 144" ROOF HIP FLASHING PAINTED	3
4	997549	.060 ROOF RIDGE FLASHING X 60" PAINTED	1
5	997550	1.0" EAVE FLASHING 14 1/4" X 144" PAINTED	8
6	997551	1.0" EAVE CORNER FLASHING 14 1/4" X 48" PAINTED	3
7	997638	0.40" GLASS RIDGE VENT HINGE CAP RIGHT PAINTED	1
8	1268	#8 X 1/2" TEK SS	---
9	1946	3/16" X 1-1/4" TAPCON HX HD	---
10	997144	SETTING BLOCK EPDM 3" X 3/4 X 1/4 60DURO	---
11	1134	NEOPRENE TAPE 1/8" X 3/4" 75'	---
12	33170	BELLOWS FLASH 4-4-4 10"	---
13	12333	#12-14 1" TEK 3 SS 9/16" WSHR	---

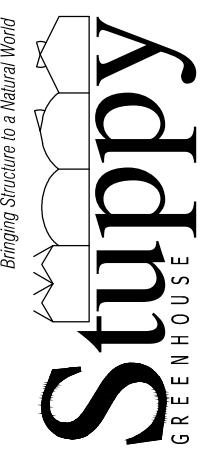


ROOF GLAZING PLAN VIEW
MICDS GREENHOUSE
ST. LOUIS, MO

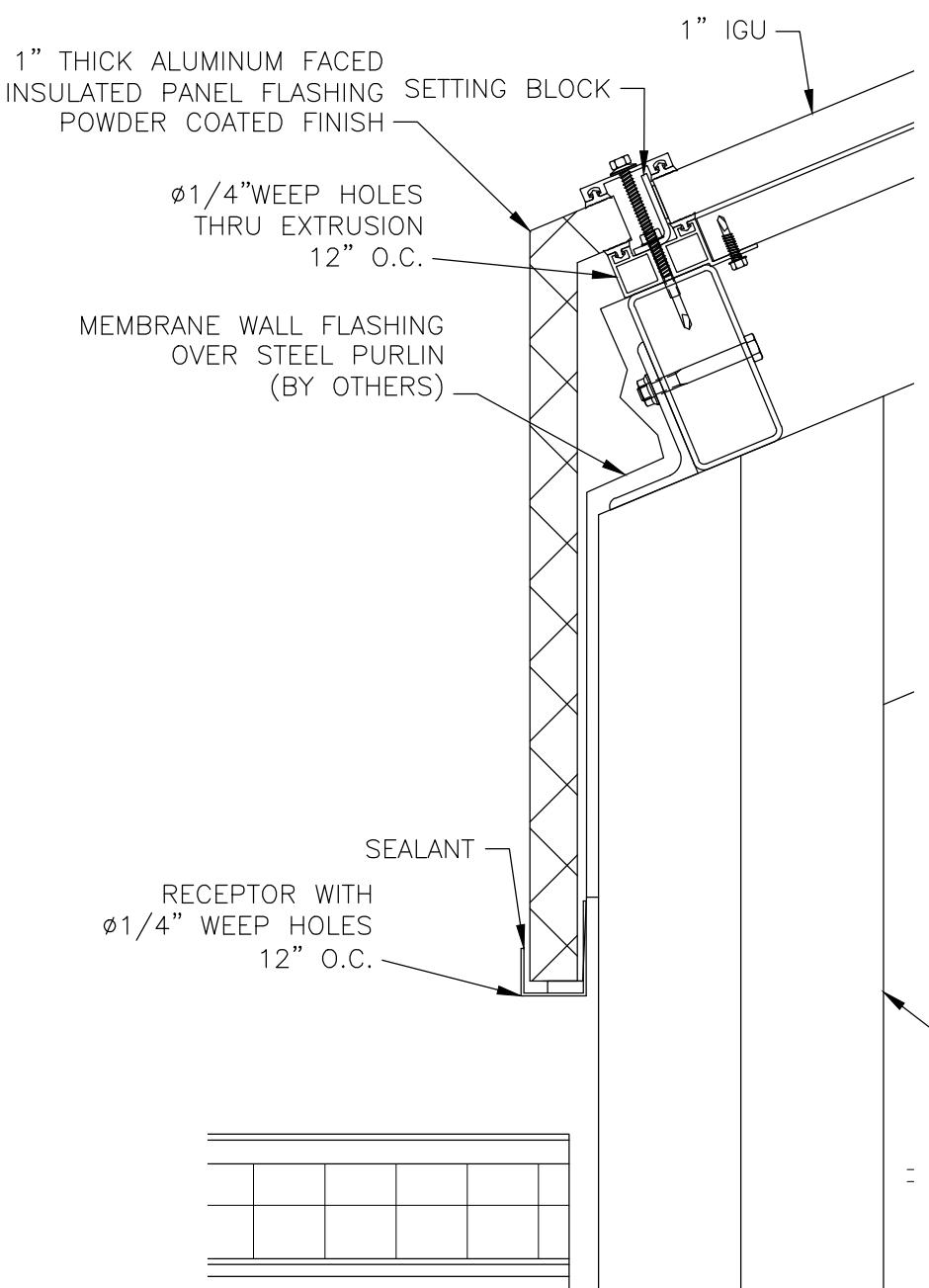
ISSUE DATE
06/13/2013
REVISIONS

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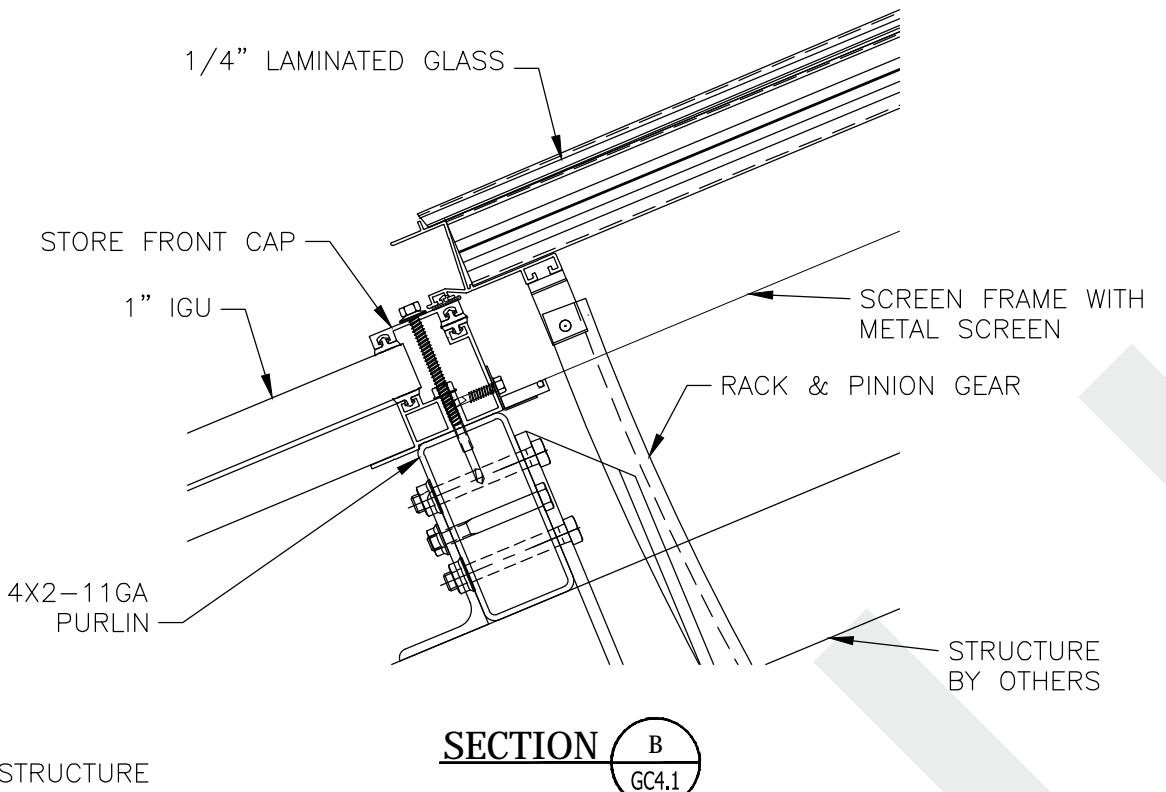
GC4.0



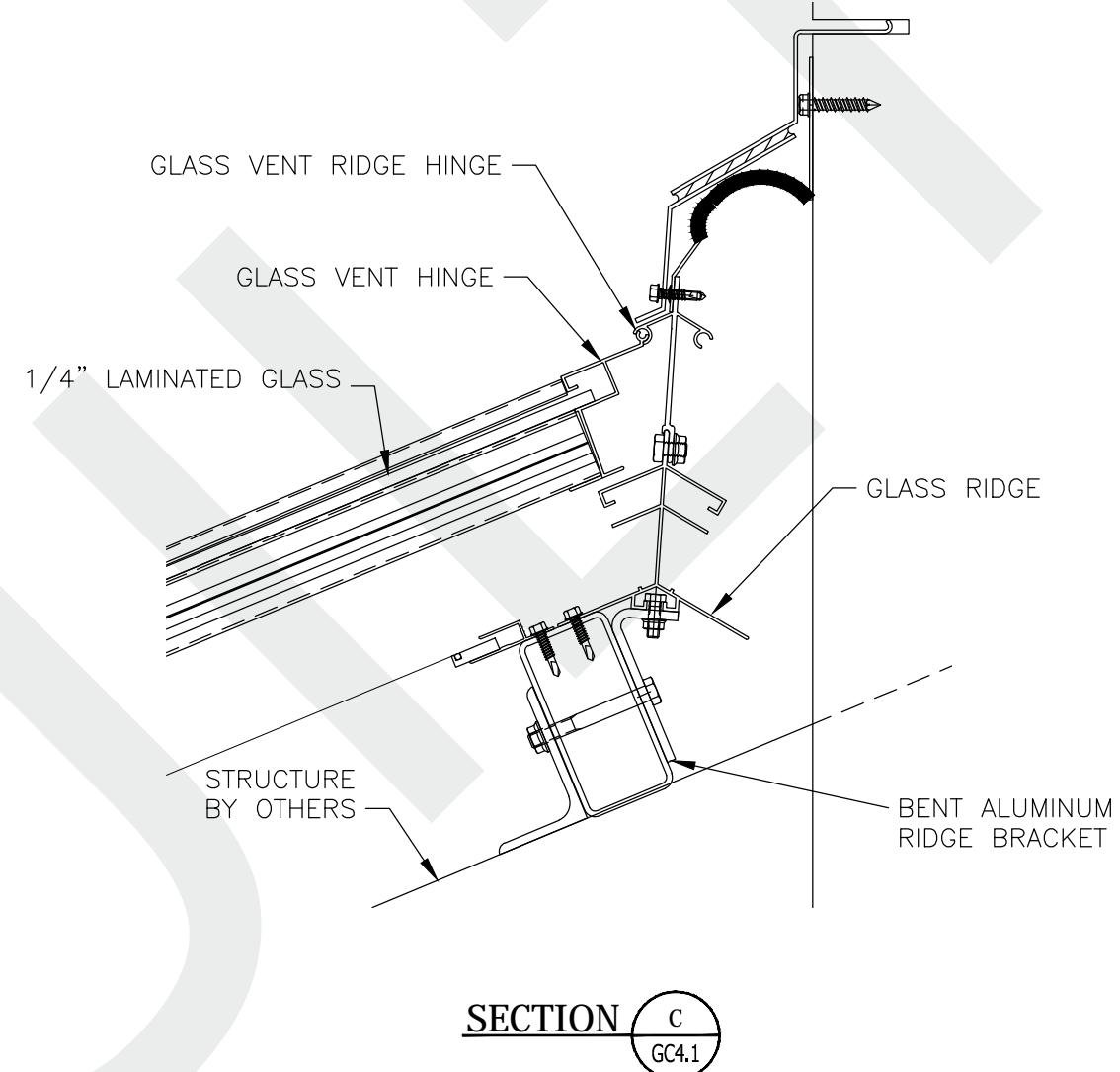
The logo for Stuppy Greenhouse features the word "Stuppy" in large, bold, black serif letters. To the left of "Stuppy" are three stylized, green, dome-shaped structures resembling greenhouses or plant canopies. Below "Stuppy" is the word "GREENHOUSE" in smaller, black, all-caps, sans-serif letters. In the top left corner, there is a vertical line of text: "Bringing Structure to a Natural World". The entire logo is set against a white background.



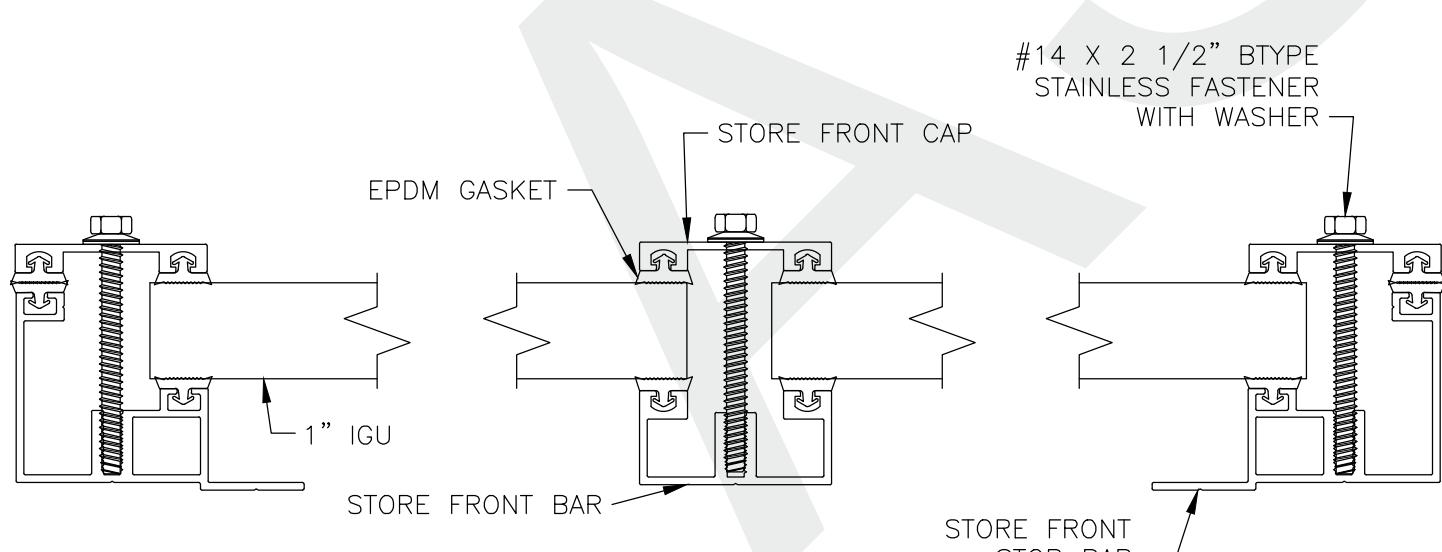
SECTION A
GC4.1



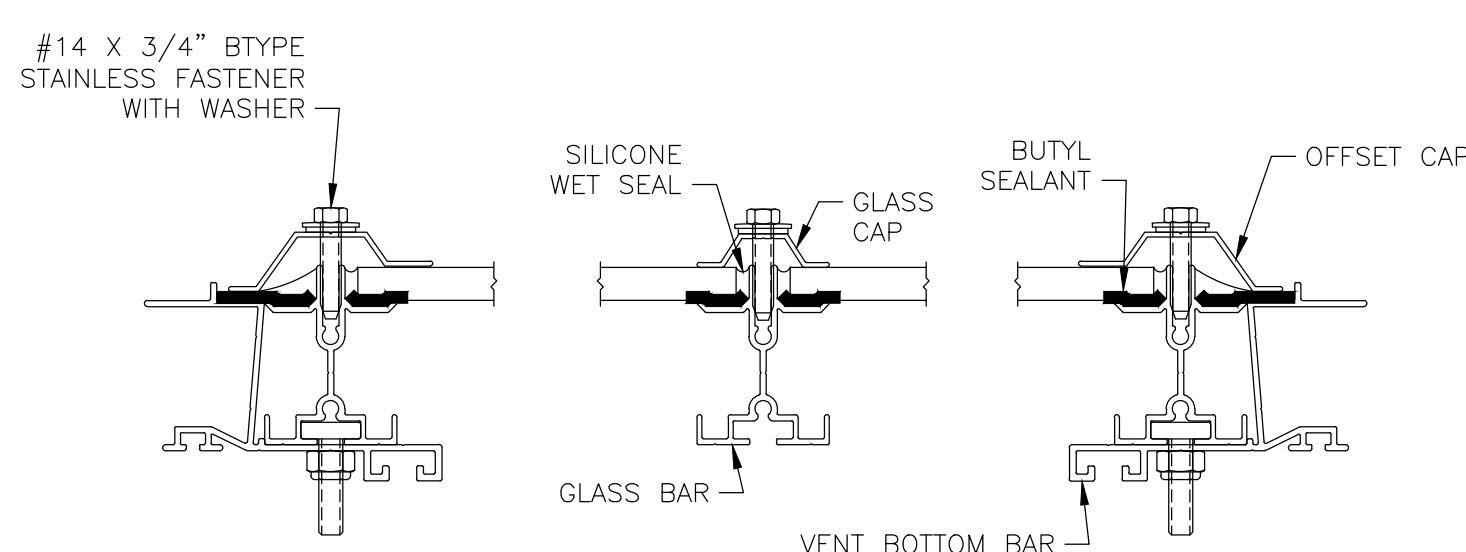
SECTION B
GC4.1



SECTION C
GC4.1



D
GC4.1
1" IGU STORE FRONT EXTRUSION DETAILS



E
GC4.1
ROOF VENT EXTRUSION DETAILS

GLAZING DETAILS
MICDS GREENHOUSE
ST. LOUIS, MO

PROJECT # 4758

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GC4.1