

HUMANITIES BUILDING MODERNIZATION SBCC

721 CLIFF DRIVE SANTA BARBARA, CALIFORNIA 93109

DSA CURTAINWALL SUBMITTAL

HARDWARE GROUPS:

HARDWARE BY OTHERS PREP AND INSTALL ONLY

DOOR SCHEDULE:

DOOR #	DOOR SIZE	TYPE	HDWR #	REMARKS
* 242A	7'- 0" X 7'- 11"	G	12D	PANIC HARDWARE REQ'D / EET /ELEC LOCK SYS
* 104C	3'- 0" X 7'- 5"	K	12C	PANIC HARDWARE REQ'D
* 107C	3'- 0" X 7'- 5"	K	12M	PANIC HARDWARE REQ'D
* 107D	3'- 0" X 7'- 5"	K	12L	PANIC HARDWARE REQ'D
* 112C	3'- 0" X 7'- 5"	K	11	PANIC HARDWARE REQ'D

* DENOTES THAT DOOR SCHEDULE DOOR DIMENSIONS WERE REVISED TO BETTER ALIGN WITH DOORS AS INDICATED ON ELEVATION SHEETS
PLEASE VERIFY THESE CHANGES

DESIGN CRITERIA

WIND: 85 MPH, EXPOSURE D
I_w = 1.15, BUILDING, HT, = 46'-3"

SEISMIC: OCCUPANCY CATEGORY III
SITE CLASS D
SEISMIC DESIGN CATEGORY D
S_s = 2.06, S₁ = 0773,
S_{0.5} = 1.373, S_{0.1} = 0773,
I_e = 1.25

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GENERAL NOTES:

SYSTEMS:

2 1/4" X 6" SERIES 6000 CURTAINWALL (ARCADIA ALUMINUM) FOR 1" GLAZING
2 1/4" X 10" SERIES 3000 CURTAINWALL (ARCADIA ALUMINUM) FOR 1" GLAZING
SERIES 200T WINDOW VENTS(ARCADIA ALUMINUM) FOR 1" GLAZING

MATERIAL:

ALL ALUMINUM FRAMING SECTIONS SHALL BE 6063-T6 ALUMINUM ALLOY

FINISH:

ALL ALUMINUM SURFACES TO RECEIVE A KYNAR FINISH (UC 106703XL METALLIC MIST).

GLASS SCHEDULE:

GL-1 1" INSULATED CLEAR GLASS TYP. U.N.O.

DOORS:

WIDE STILE OFFSET DOORS WITH 10" BOTTOM RAIL & 1" INSUL TEMP GLASS

GASKETS:

ALL GASKETING TO BE MADE FROM E.P.D.M.

HARDWARE:

SEE HARDWARE SCHEDULE
FURNISHED & SUPPLIED BY OTHERS, PREP AND INSTALL ONLY

SEALANT:

PERIMETER: DOW CORNING 795, COLOR PER ARCHITECT SEE COLOR CHART

BRAKE METAL:

ALL BRAKE METAL TO BE 5052-H32 ALLOY, IF REQUIRED

NOTE:

ALL DIMENSIONS TO BE FIELD VERIFIED.
ALL DIMENSIONS ARE TO BE CONSIDERED NOMINAL UNLESS NOTED OTHERWISE.
ALL DETAILS & FINISHES ARE TO BE REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO FABRICATION.
THE GLAZING CONTRATOR IS NOT RESPONSIBLE FOR THE CLEANING AND OR PROTECTION OF THE MATERIALS, NOR FOR DAMAGES CAUSED BY OTHER TRADES.

APPROVAL

APPROVAL

No.	Date	Revisions

YOUR LOGO HERE

jhirschdesign@msn.com
208 631-7992

HIRSCH DESIGN
SHOP DRAWINGS



JOB NAME
HUMANITIES BLDG MOD SBCC (DSA)

GENERAL CONT

ARCHITECT

SHEET TITLE

GENERAL NOTES HDWR & DOOR SCHED

JOB NUMBER
1219DSA

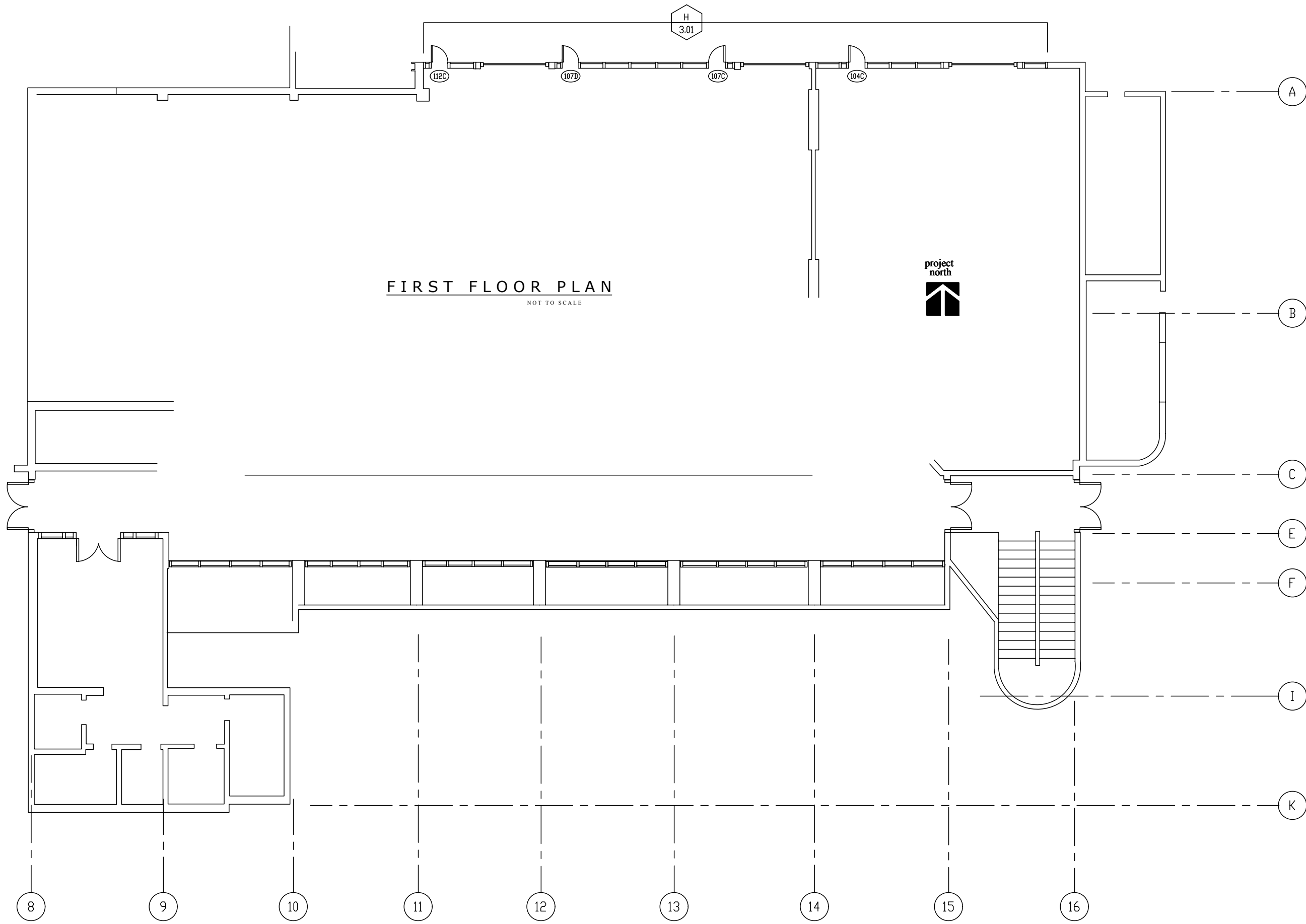
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DATE
08/17/2012

SCALE
NONE

REVISION No.

SHEET
1.00



FIRST FLOOR PLAN
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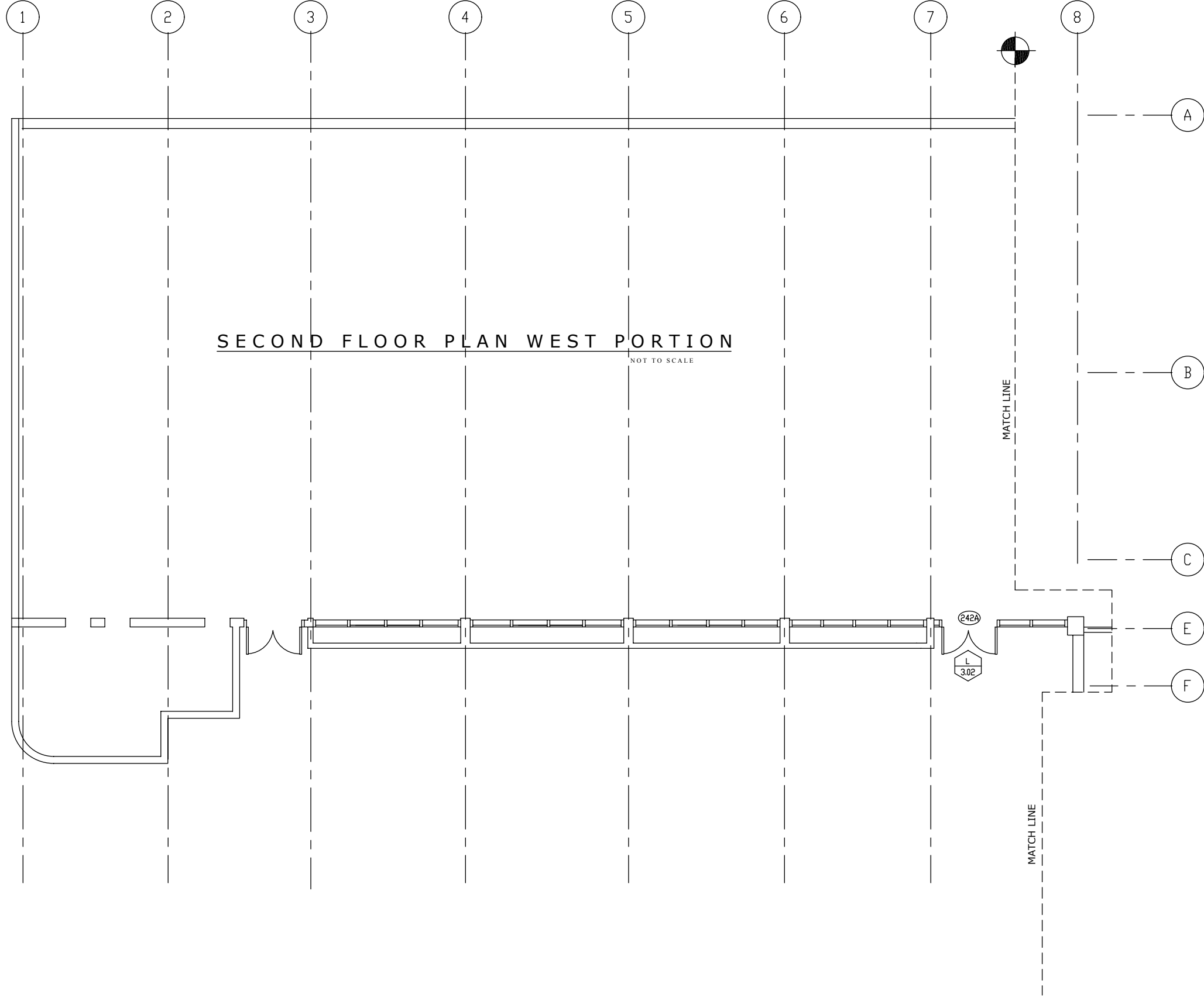


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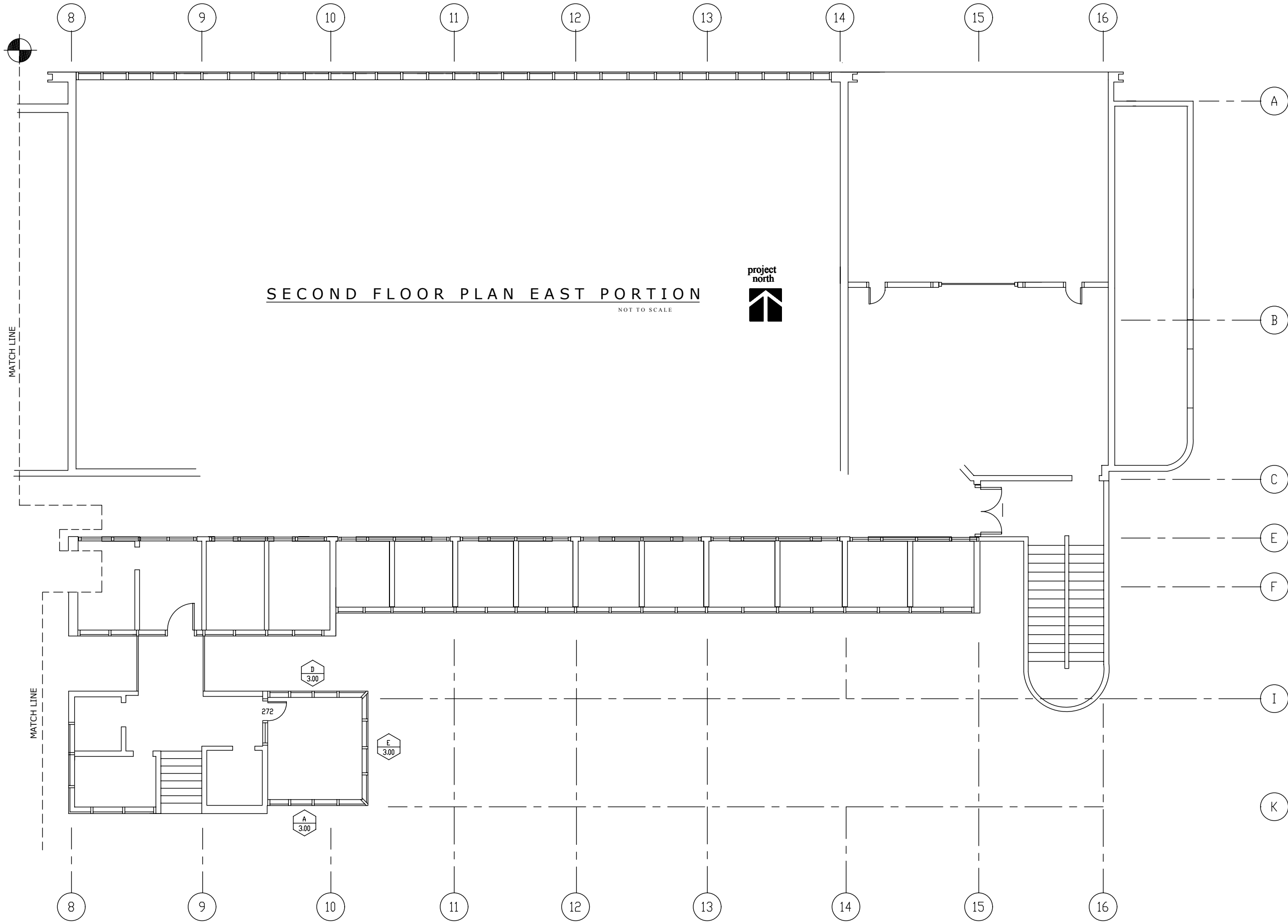
SECOND FLOOR PLAN WEST PORTION
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JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: NTS
 REVISION No.
 SHEET: 2.01



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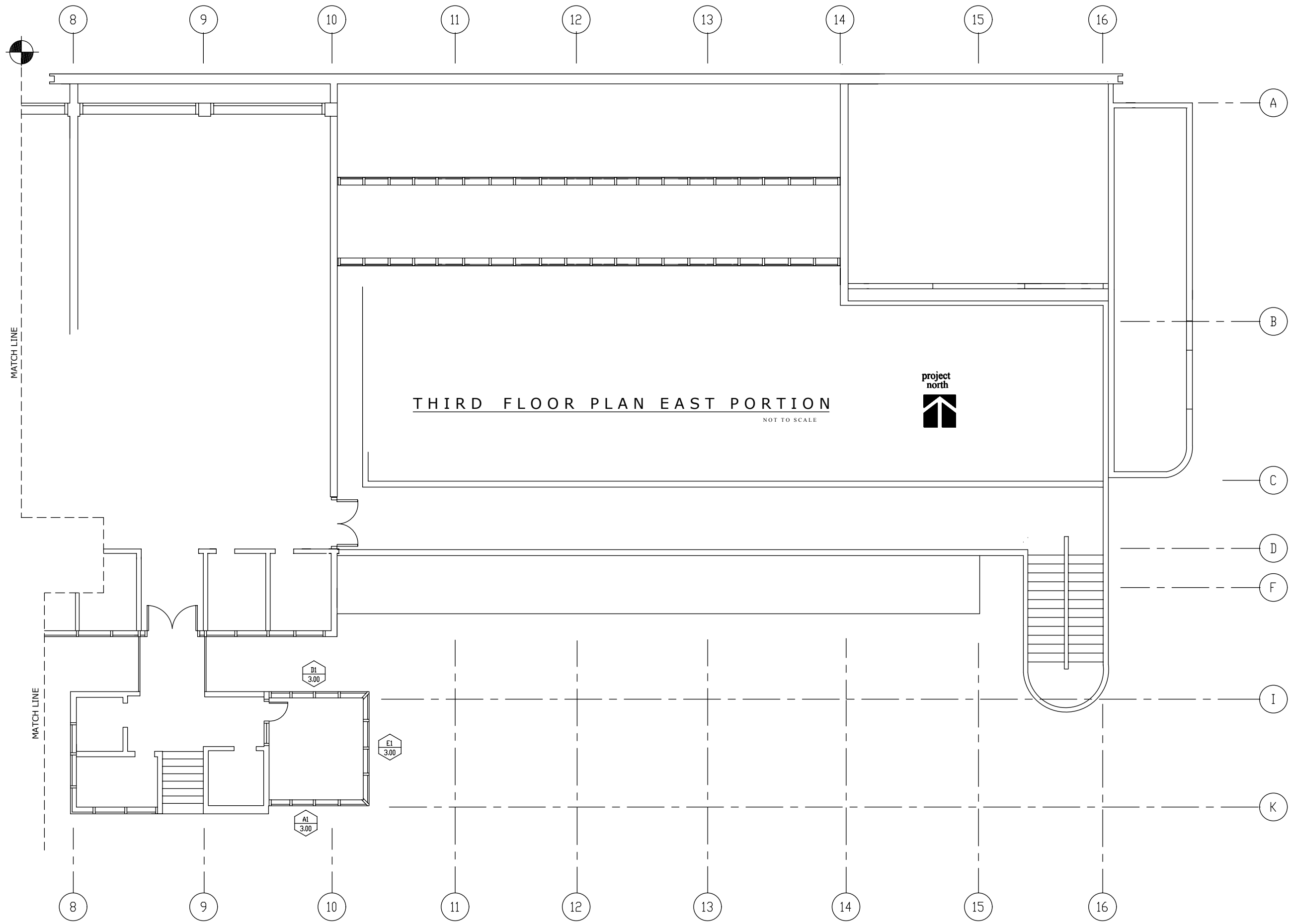


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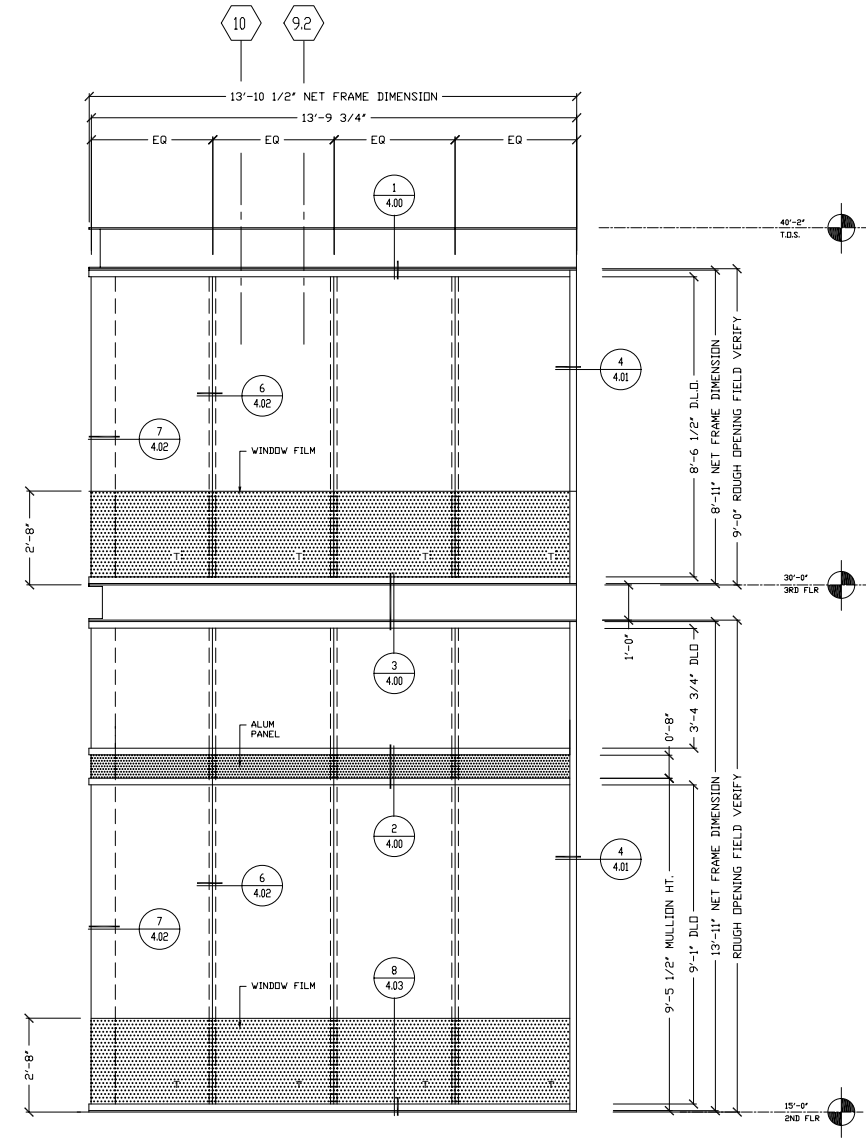
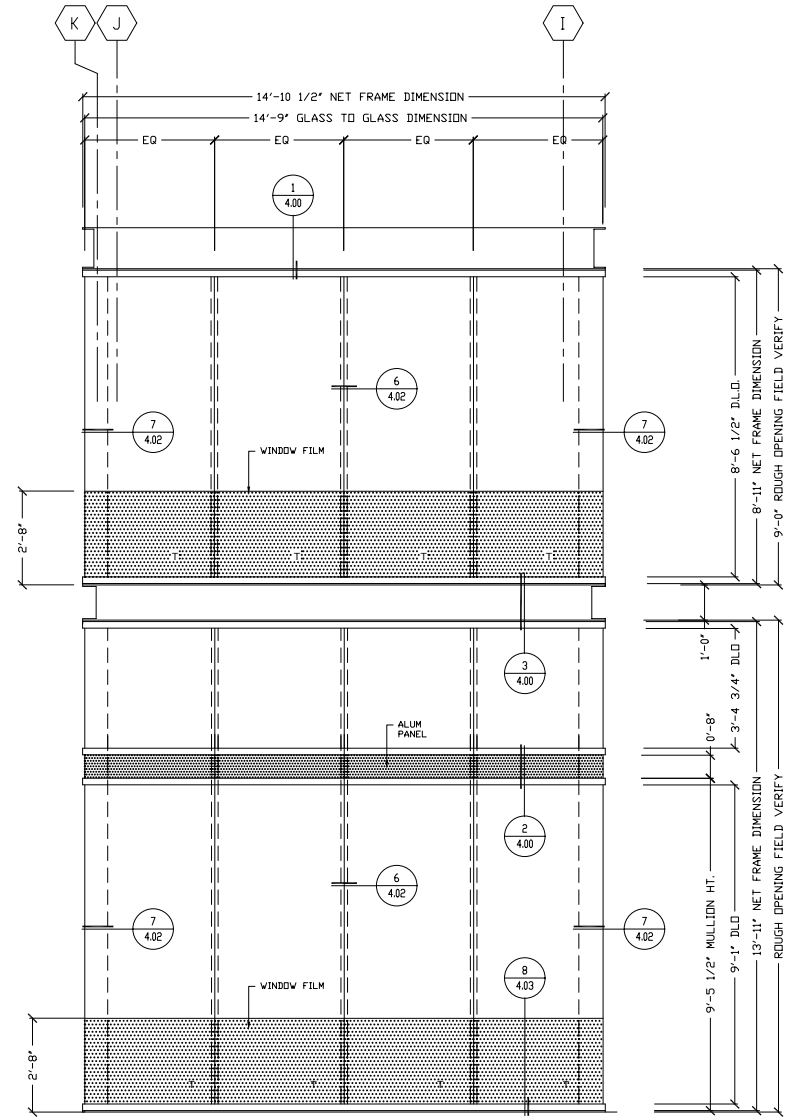
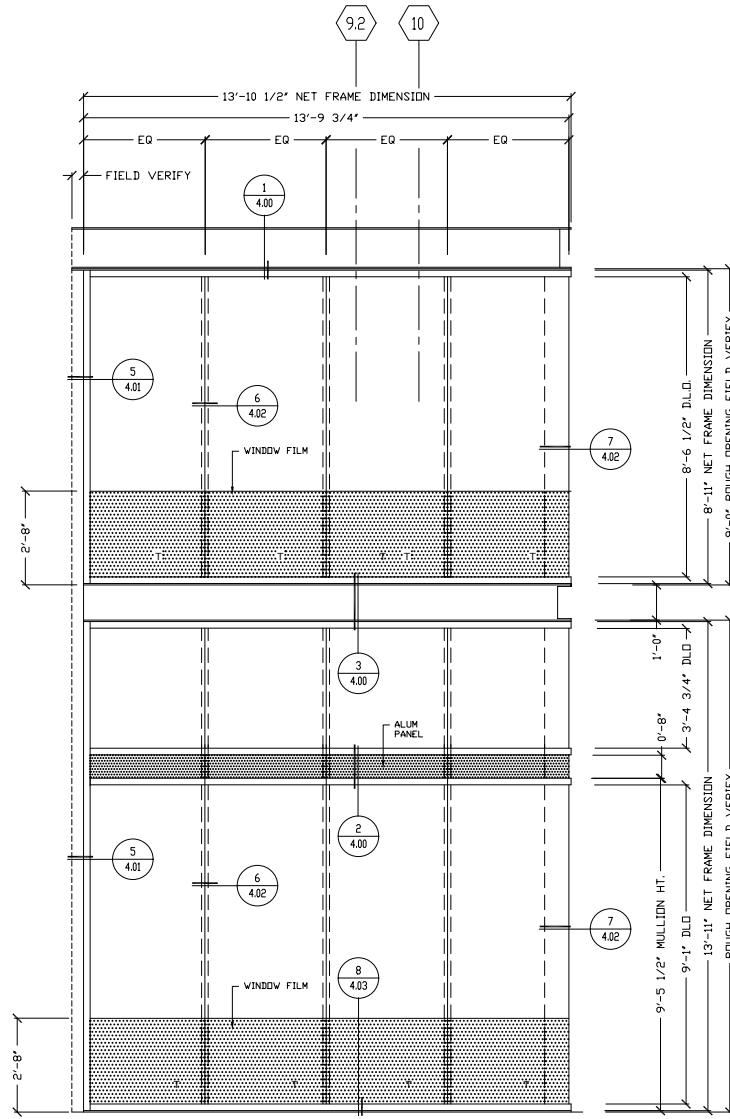


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JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: NTS
 REVISION No.
 SHEET: 2.03



SERIES 3000 ARCADIA CURTAINWALL FOR 1" SILICONE GLAZING

A A1 ABOVE	GLAZING TYPE	1" INSUL TEMP
	FRAME MATERIAL	ALUM
	FRAME FINISH	KYNAR
	FRAME COLOR	UC 106703XL

REQ'D (01)

SERIES 3000 ARCADIA CURTAINWALL FOR 1" SILICONE GLAZING

D D1 ABOVE	GLAZING TYPE	1" INSUL TEMP
	FRAME MATERIAL	ALUM
	FRAME FINISH	KYNAR
	FRAME COLOR	UC 106703XL

REQ'D (01)

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E E1 ABOVE	GLAZING TYPE	1" INSUL TEMP
	FRAME MATERIAL	ALUM
	FRAME FINISH	KYNAR
	FRAME COLOR	UC 106703XL

REQ'D (01)

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HUMANITIES BLDG MODERNIZATION SBCC

GENERAL CONT

ARCHITECT

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ELEVATIONS

JOB NUMBER
1219DSA

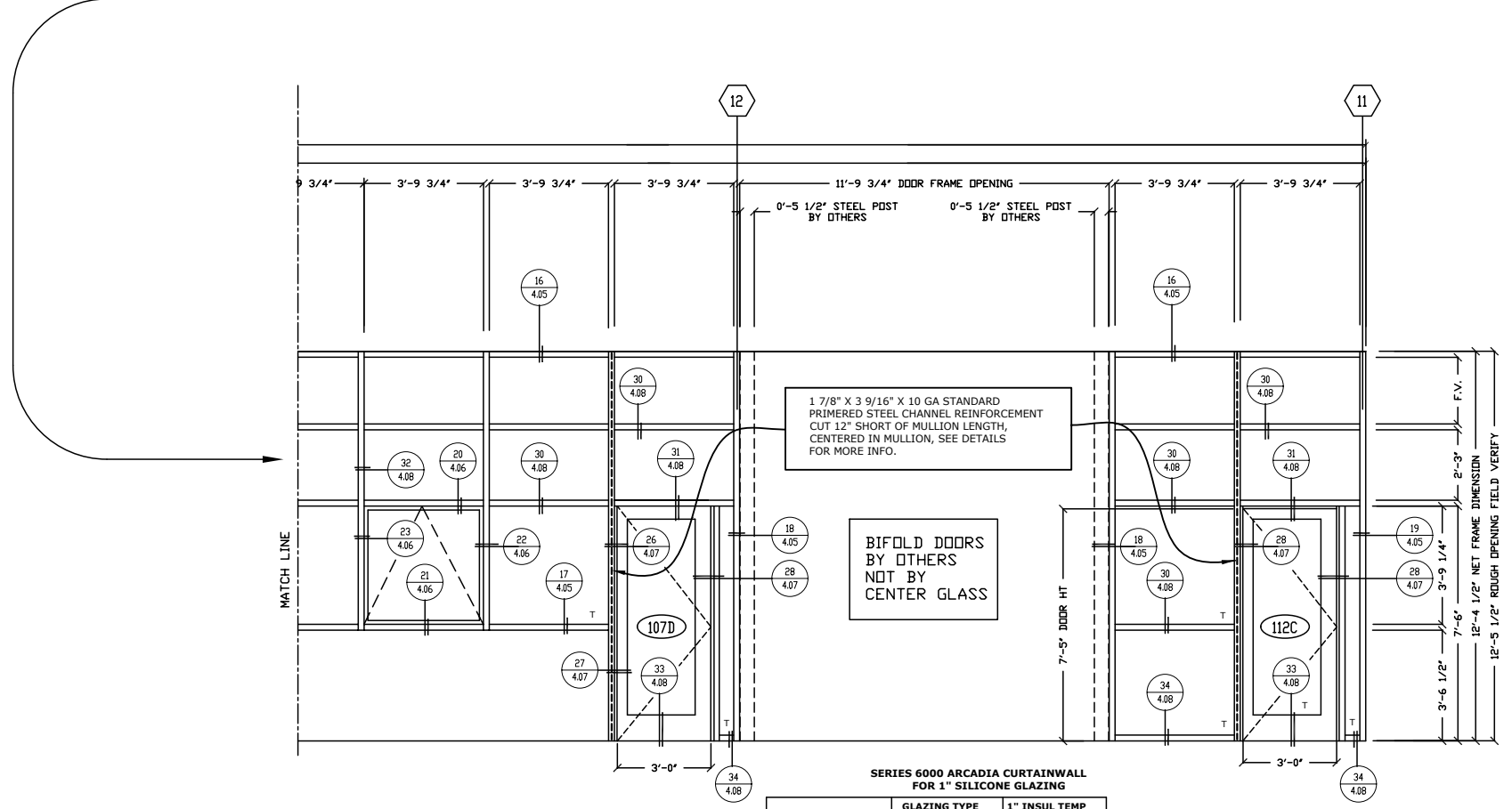
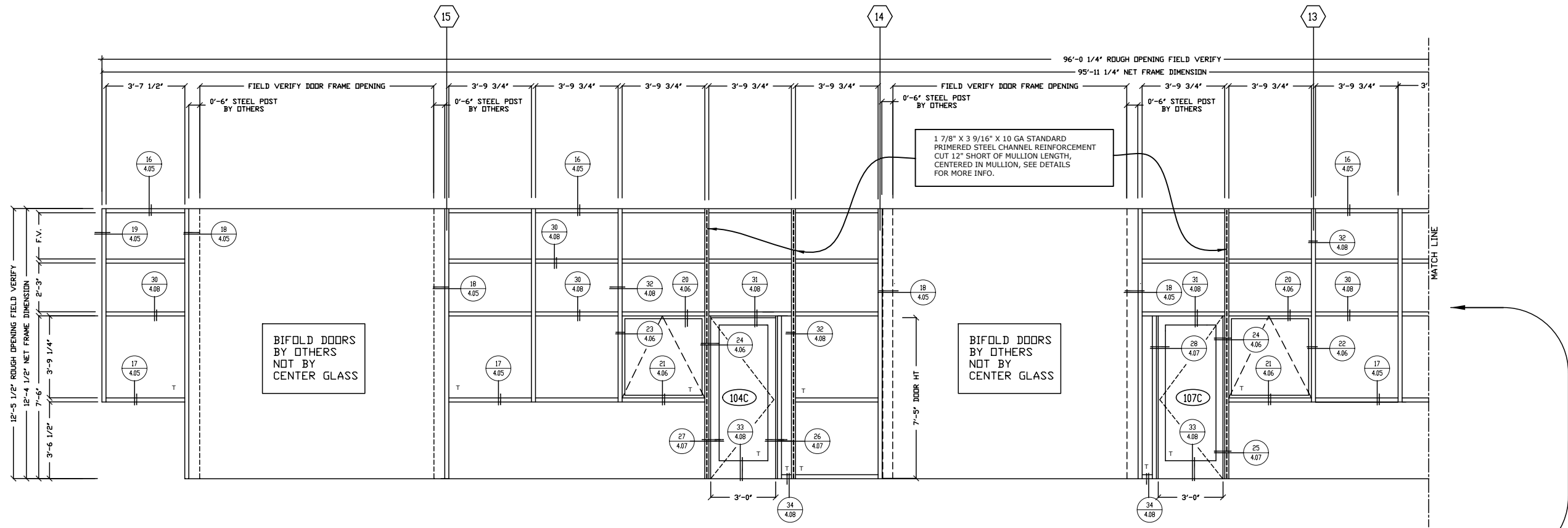
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SERIES 6000 ARCADIA CURTAINWALL FOR 1" SILICONE GLAZING

GLAZING TYPE	1" INSUL TEMP
FRAME MATERIAL	ALUM
FRAME FINISH	KYNAR
FRAME COLOR	UC 106703XL

REQ'D (01)

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JOB NAME
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ELEVATIONS

JOB NUMBER
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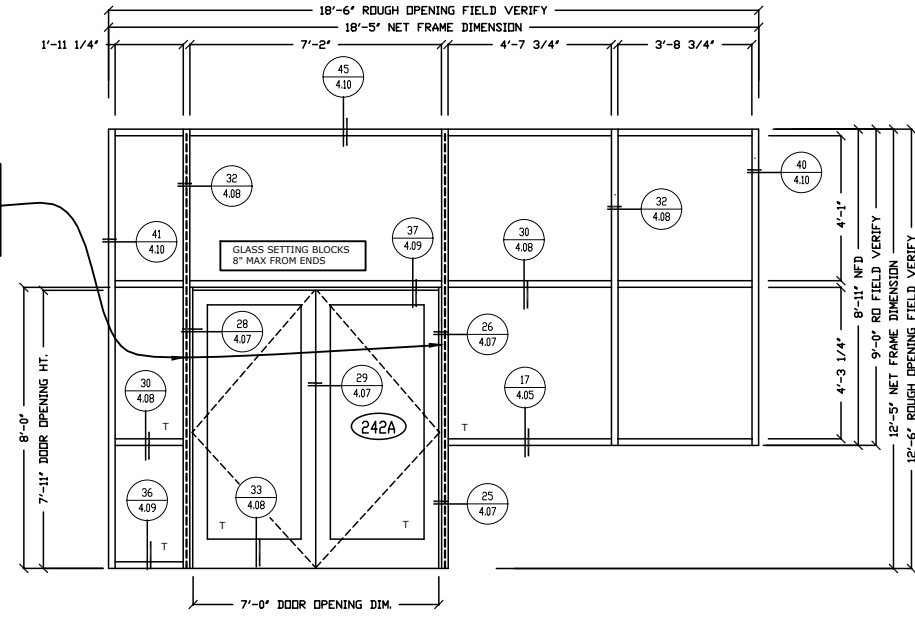
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NTS

REVISION No.

SHEET
3.01

1 7/8" X 3 9/16" X 10 GA STANDARD PRIMERED STEEL CHANNEL REINFORCEMENT CUT 12" SHORT OF MULLION LENGTH, CENTERED IN MULLION, SEE DETAILS FOR MORE INFO.



SERIES 6000 ARCADIA CURTAINWALL FOR 1" SILICONE GLAZING

L	GLAZING TYPE	1" INSUL TEMP
	FRAME MATERIAL	ALUM
	FRAME FINISH	KYNAR
	FRAME COLOR	UC 106703XL

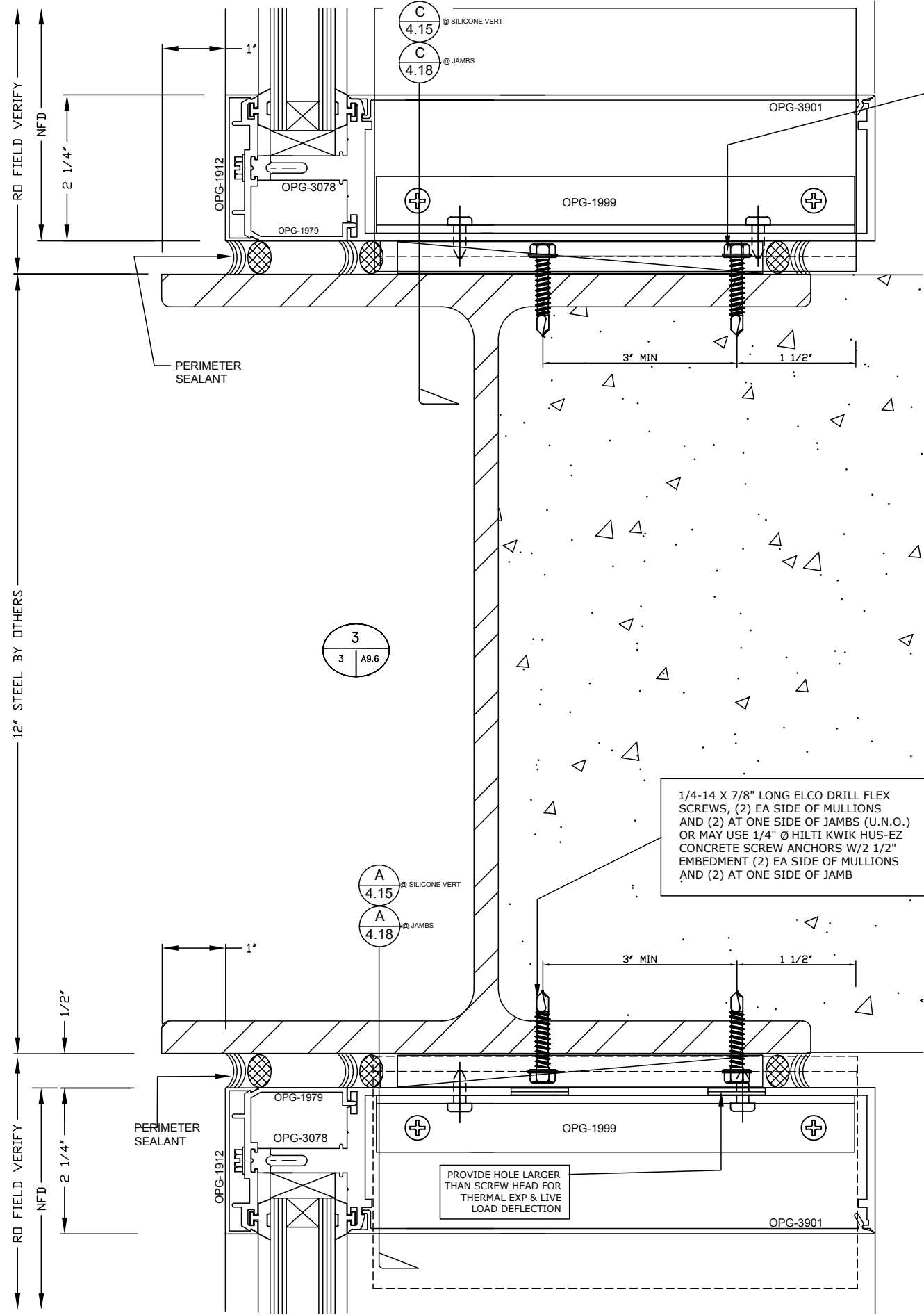
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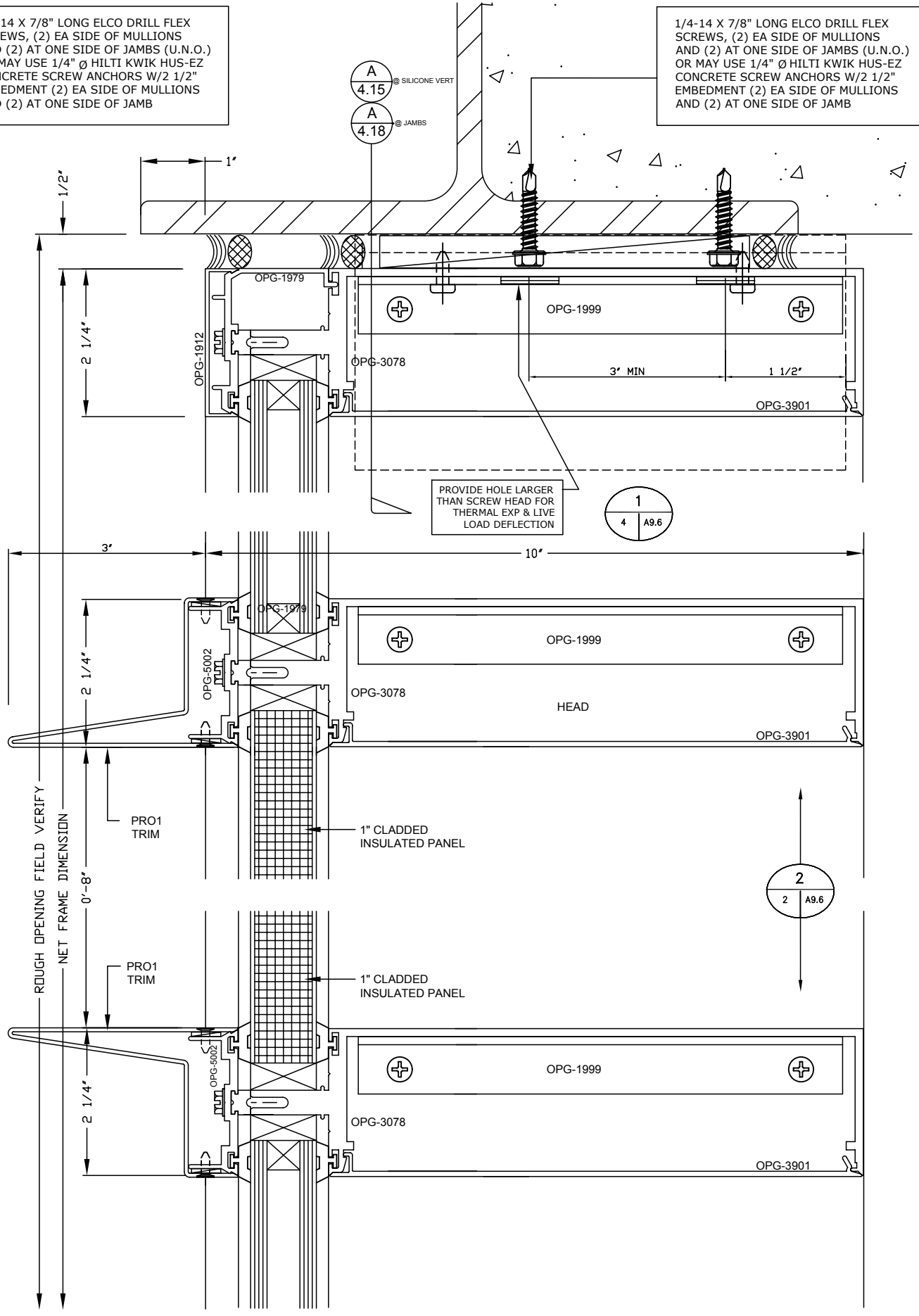
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 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: NTS
 REVISION No.
 SHEET: 3.02



1/4-14 X 7/8" LONG ELCO DRILL FLEX SCREWS, (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMBS (U.N.O.) OR MAY USE 1/4" Ø HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" EMBEDMENT (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMB

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PROVIDE HOLE LARGER THAN SCREW HEAD FOR THERMAL EXP & LIVE LOAD DEFLECTION



1/4-14 X 7/8" LONG ELCO DRILL FLEX SCREWS, (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMBS (U.N.O.) OR MAY USE 1/4" Ø HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" EMBEDMENT (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMB

PROVIDE HOLE LARGER THAN SCREW HEAD FOR THERMAL EXP & LIVE LOAD DEFLECTION

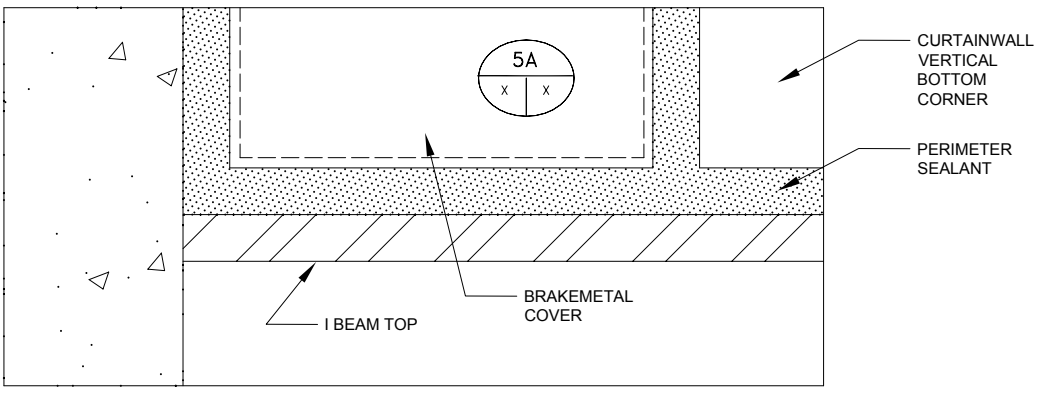
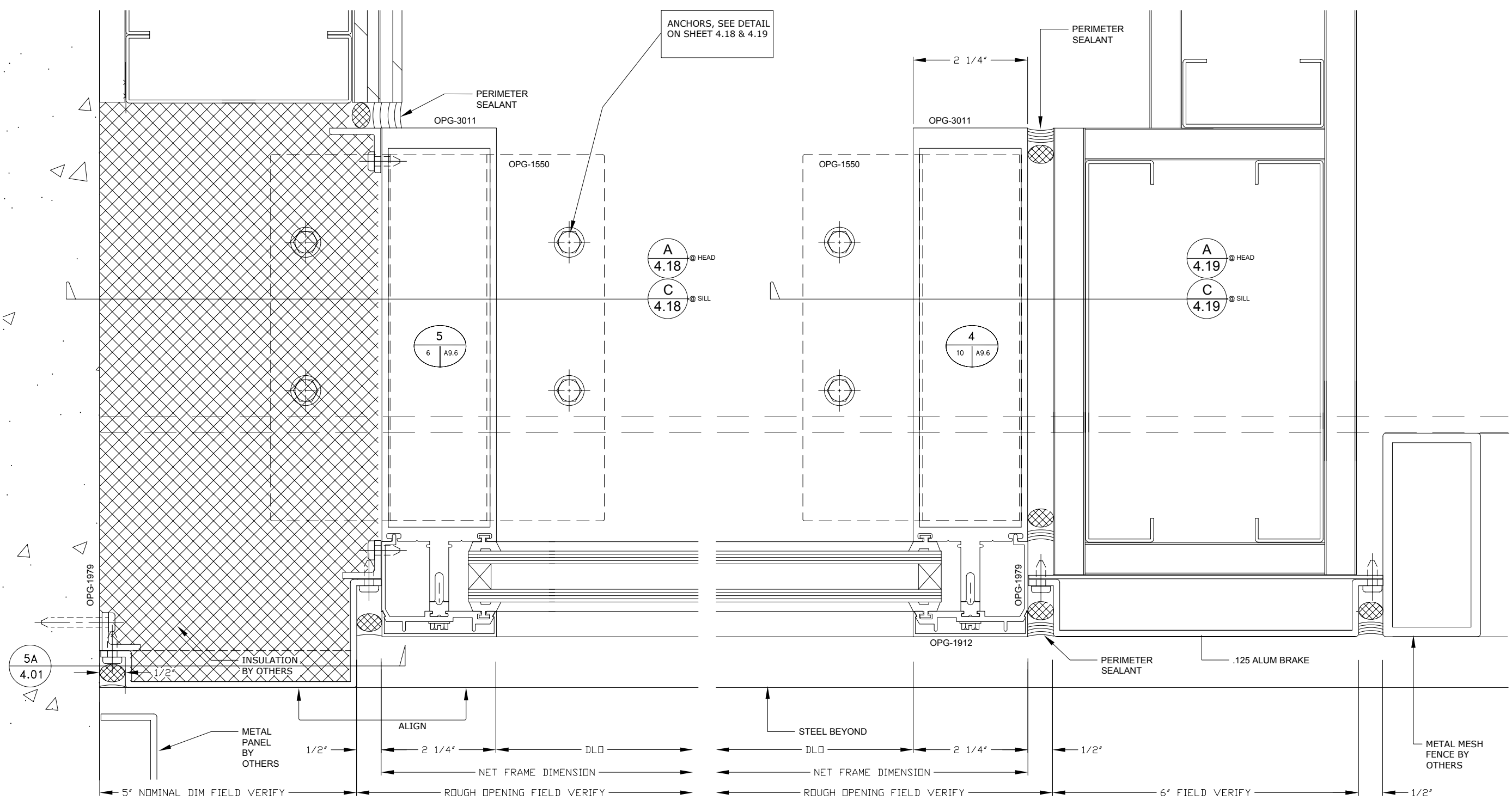
ROUGH OPENING FIELD VERIFY NET FRAME DIMENSION

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ANCHORS, SEE DETAIL ON SHEET 4.18 & 4.19

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HUMANITIES BLDG MODERNIZATION SBCC

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1219DSA

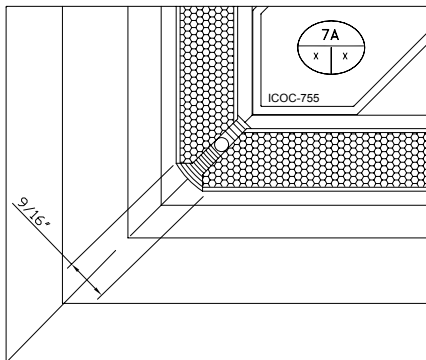
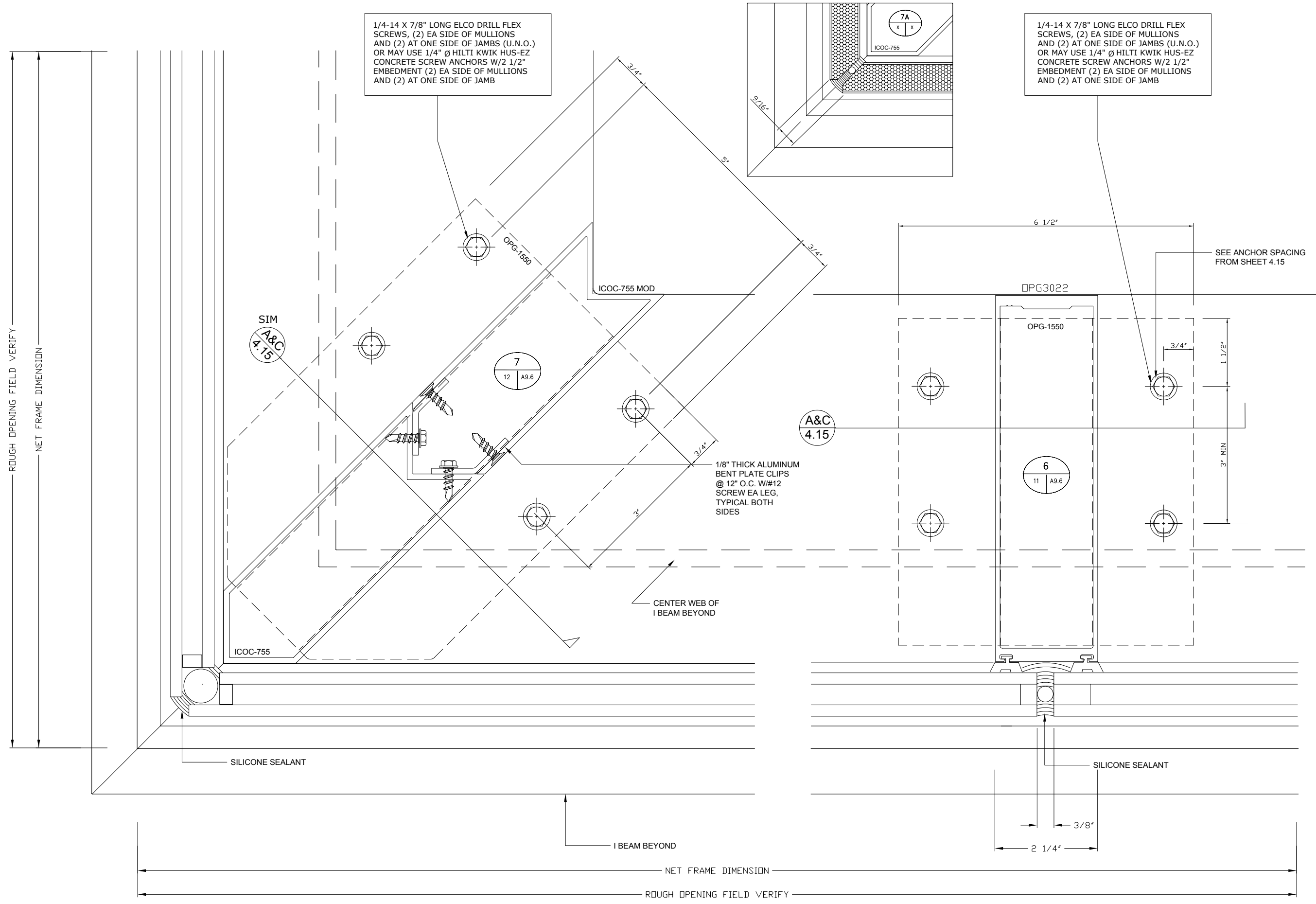
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1/4-14 X 7/8" LONG ELCO DRILL FLEX SCREWS, (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMBS (U.N.O.) OR MAY USE 1/4" Ø HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" EMBEDMENT (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMB

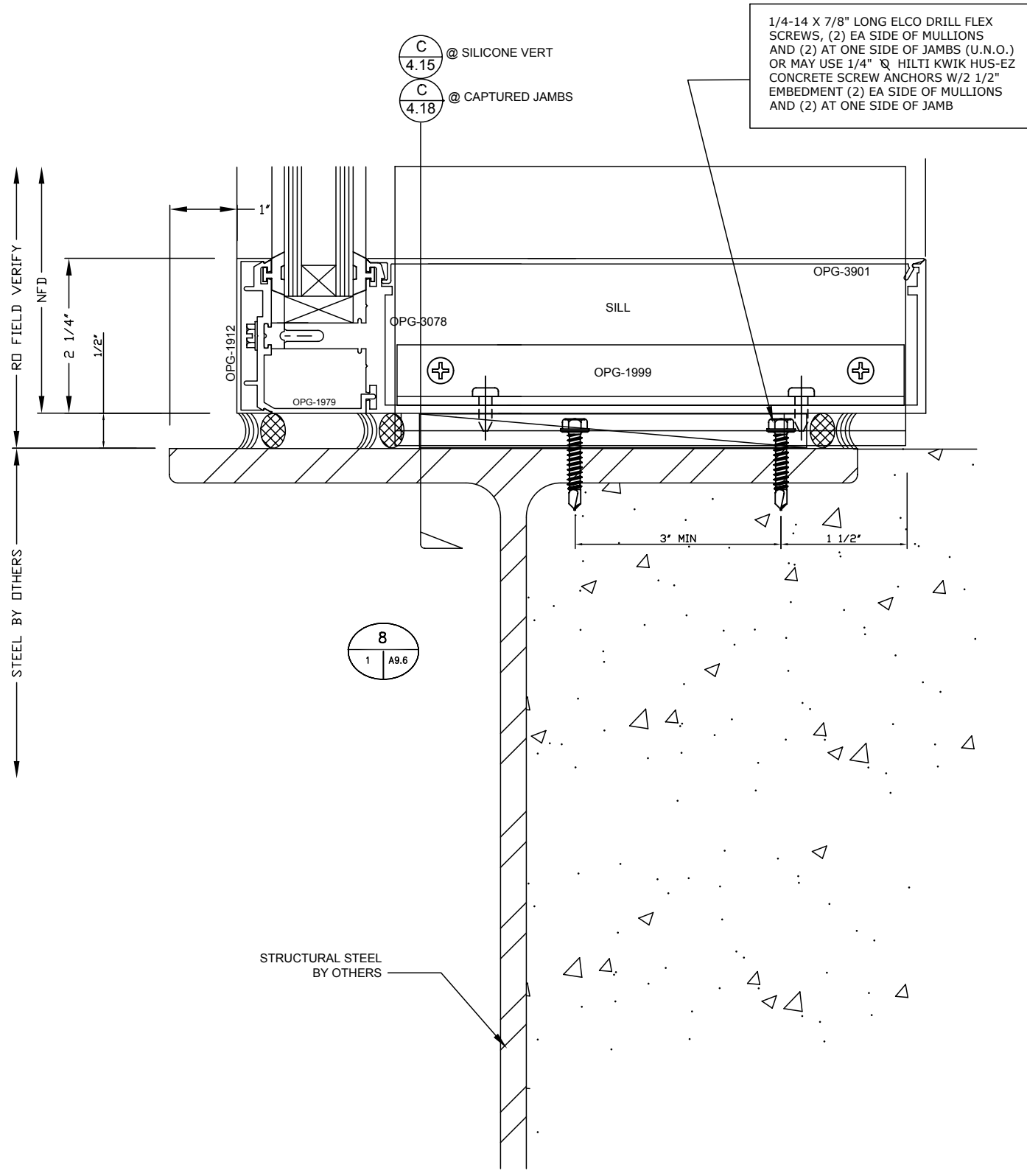
1/4-14 X 7/8" LONG ELCO DRILL FLEX SCREWS, (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMBS (U.N.O.) OR MAY USE 1/4" Ø HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" EMBEDMENT (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMB

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JOB NAME: HUMANITIES BLDG MODERNIZATION SBCC
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JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: FULL SCALE
 REVISION No.
 SHEET: 4.02



1/4-14 X 7/8" LONG ELCO DRILL FLEX SCREWS, (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMBS (U.N.O.) OR MAY USE 1/4" Q HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" EMBEDMENT (2) EA SIDE OF MULLIONS AND (2) AT ONE SIDE OF JAMB

C
4.15 @ SILICONE VERT
C
4.18 @ CAPTURED JAMBS

8
1 A9.6

RO FIELD VERIFY
NFD
2 1/4"
1/2"
STEEL BY OTHERS

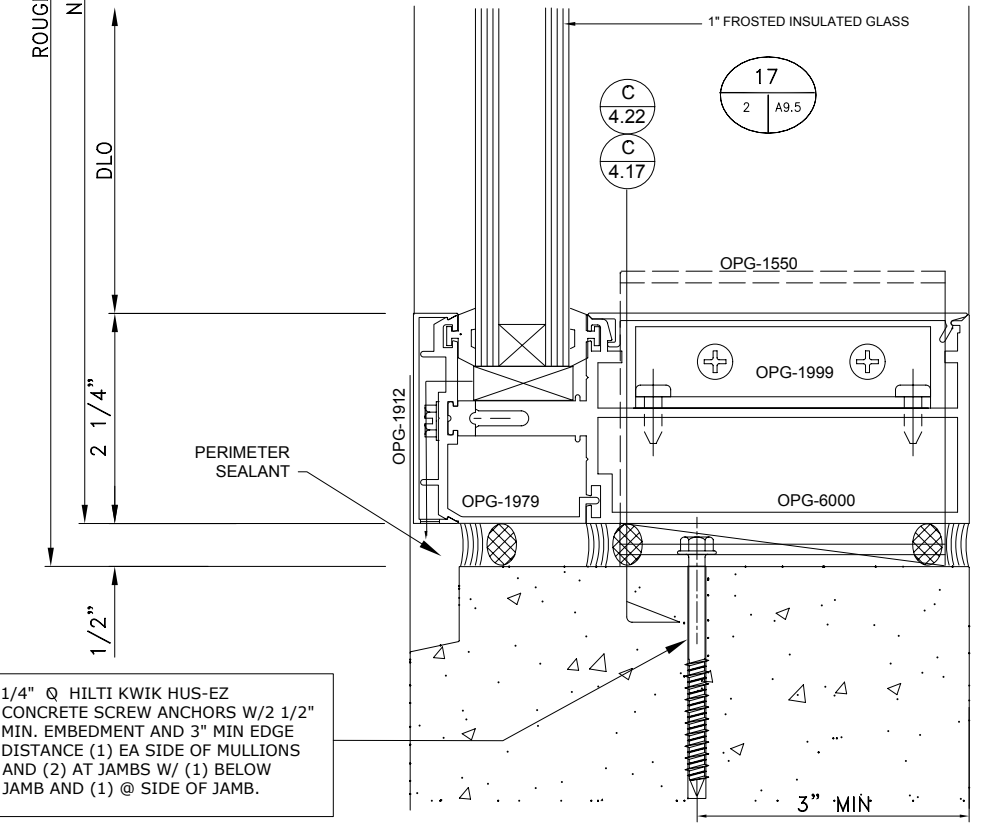
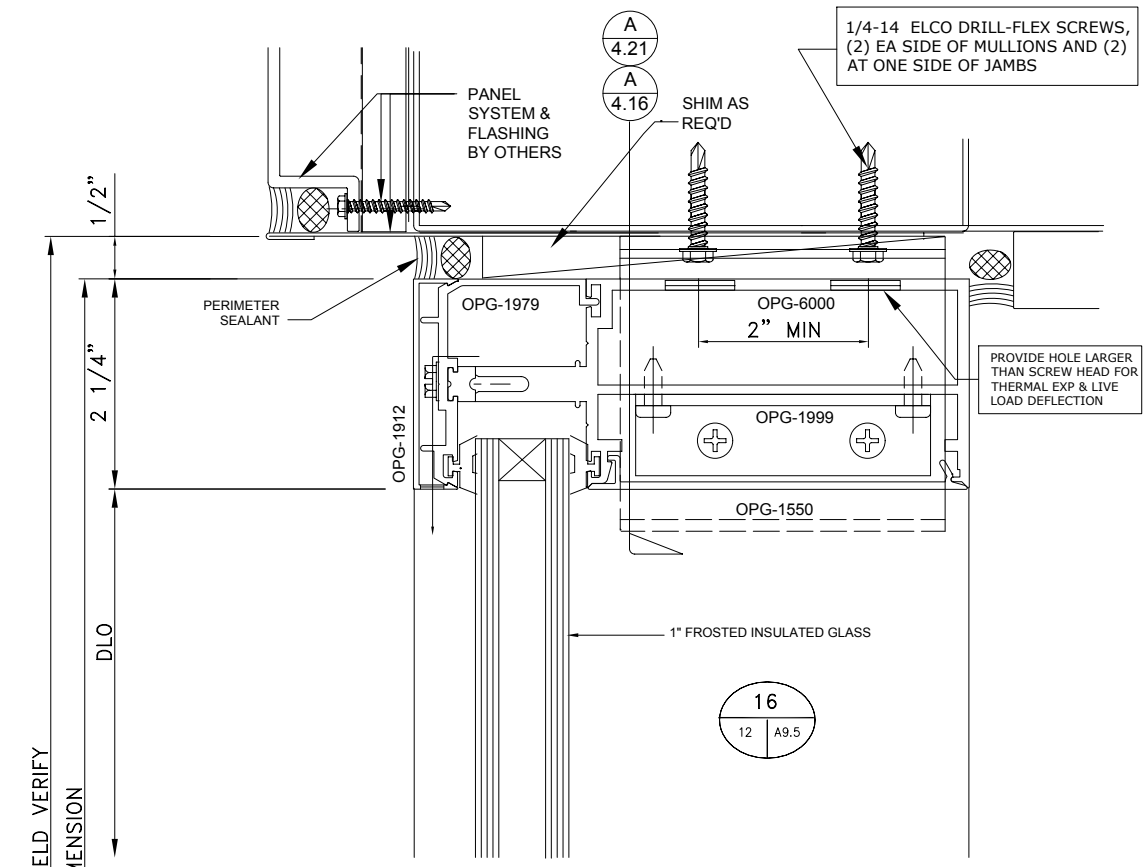
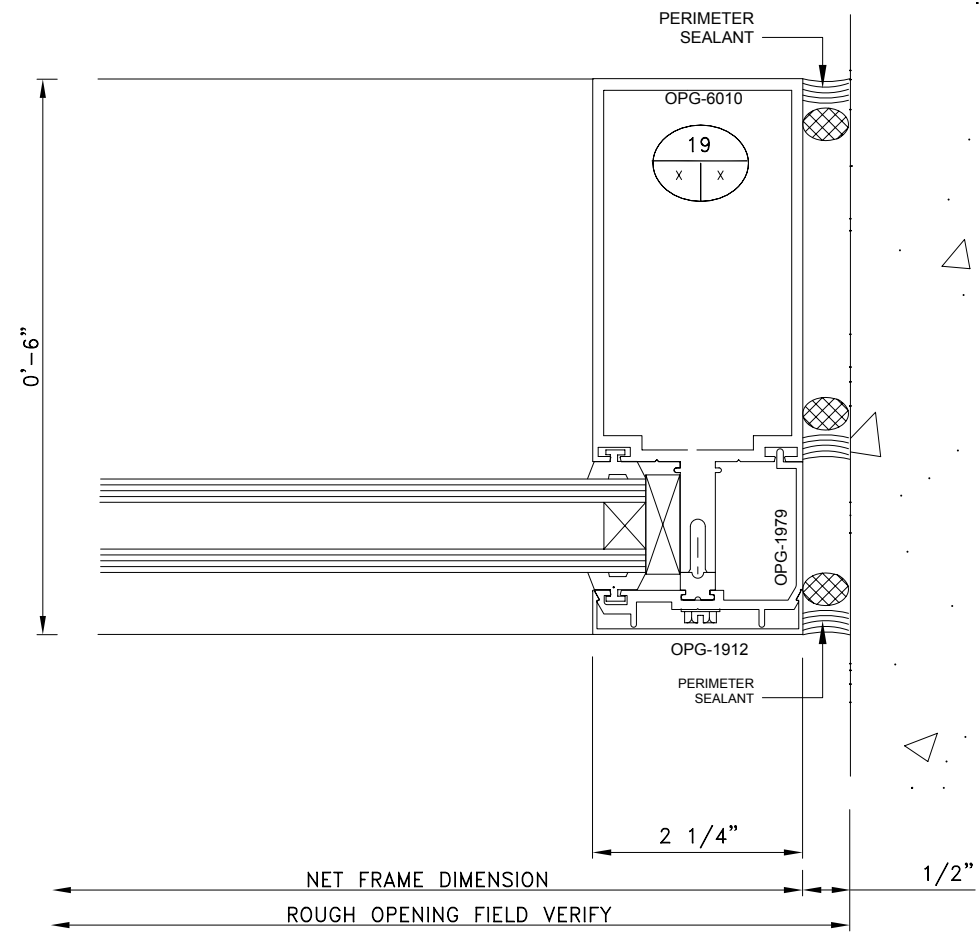
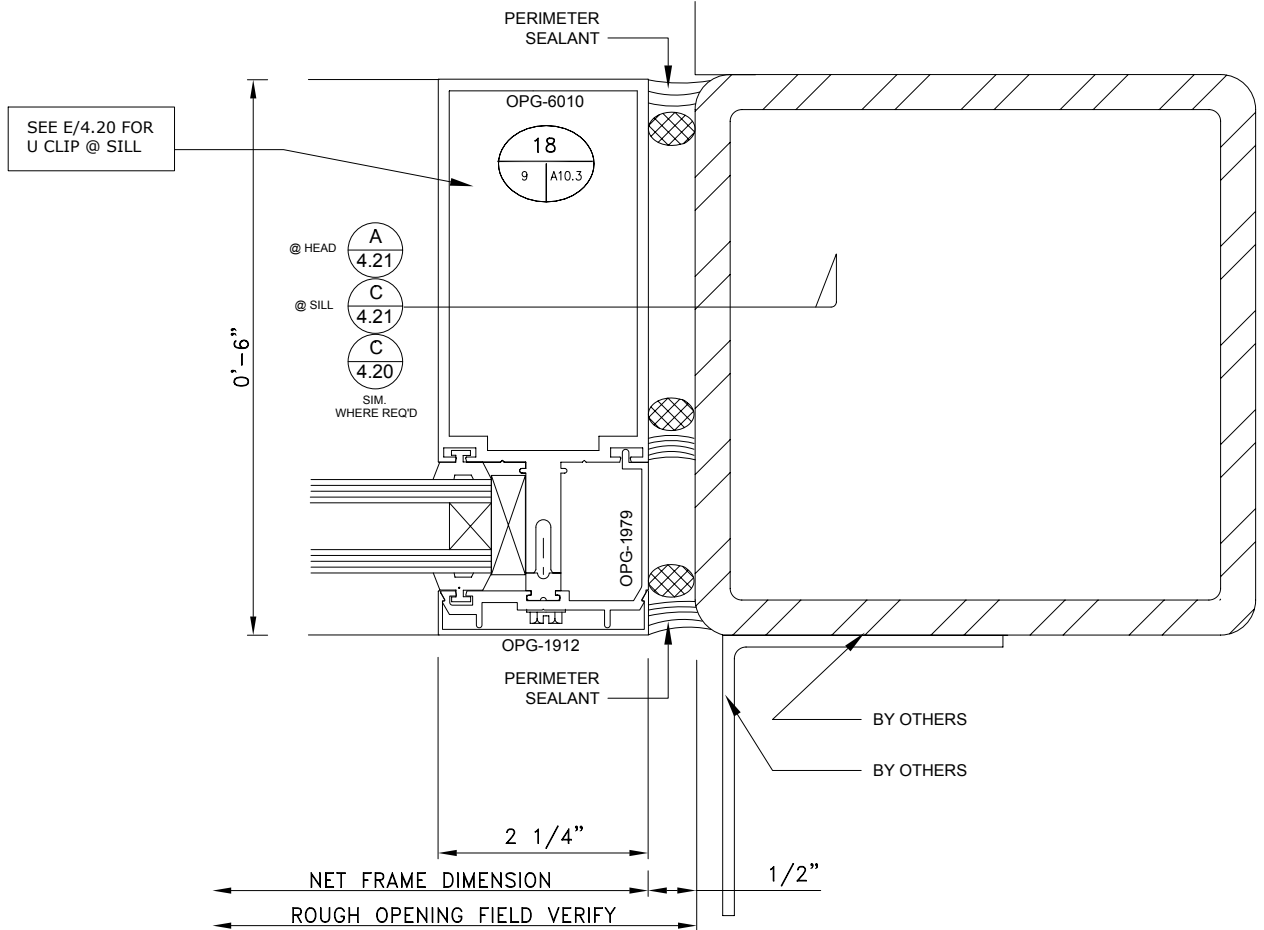
STRUCTURAL STEEL BY OTHERS

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 GENERAL CONT
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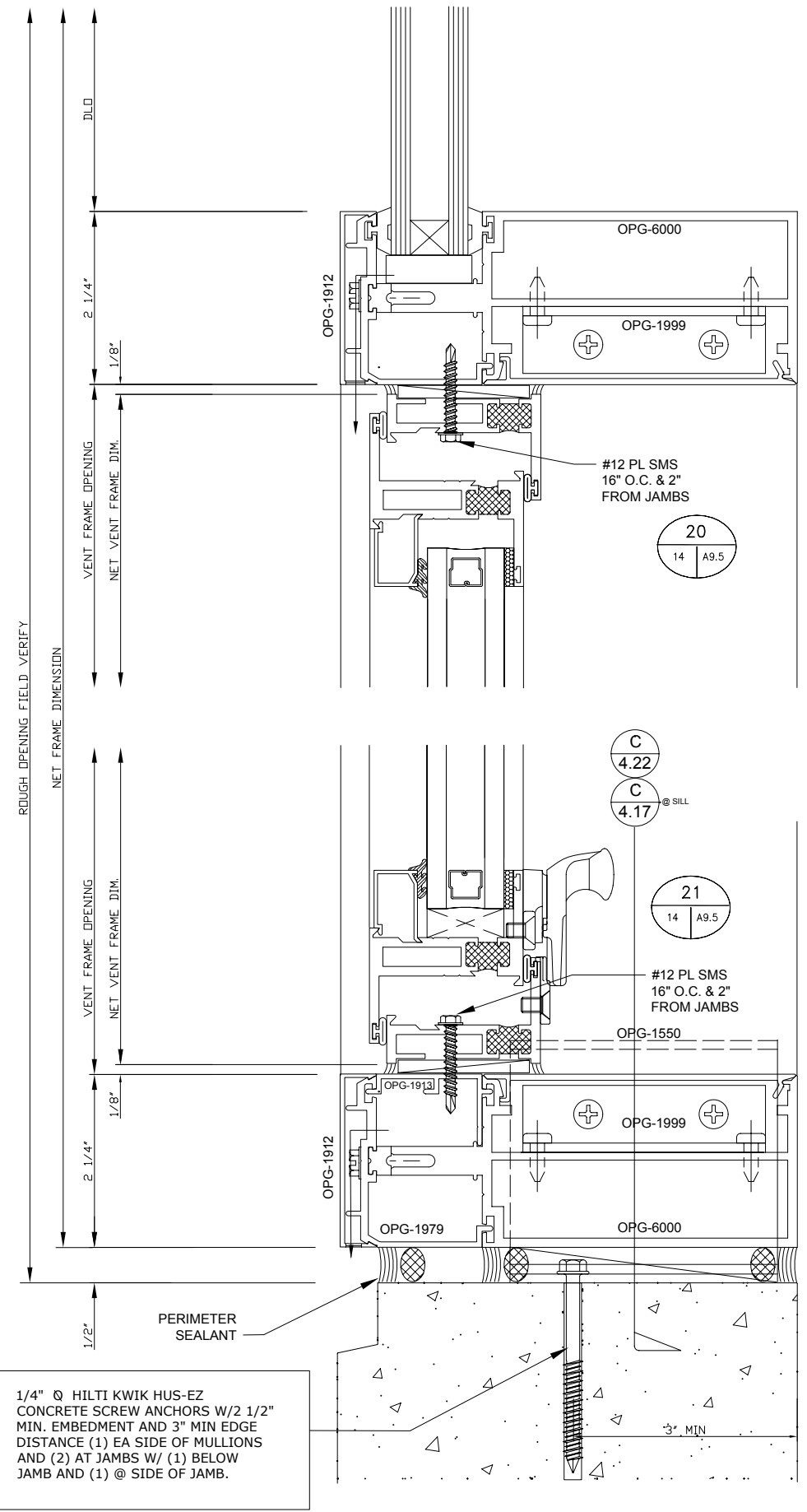
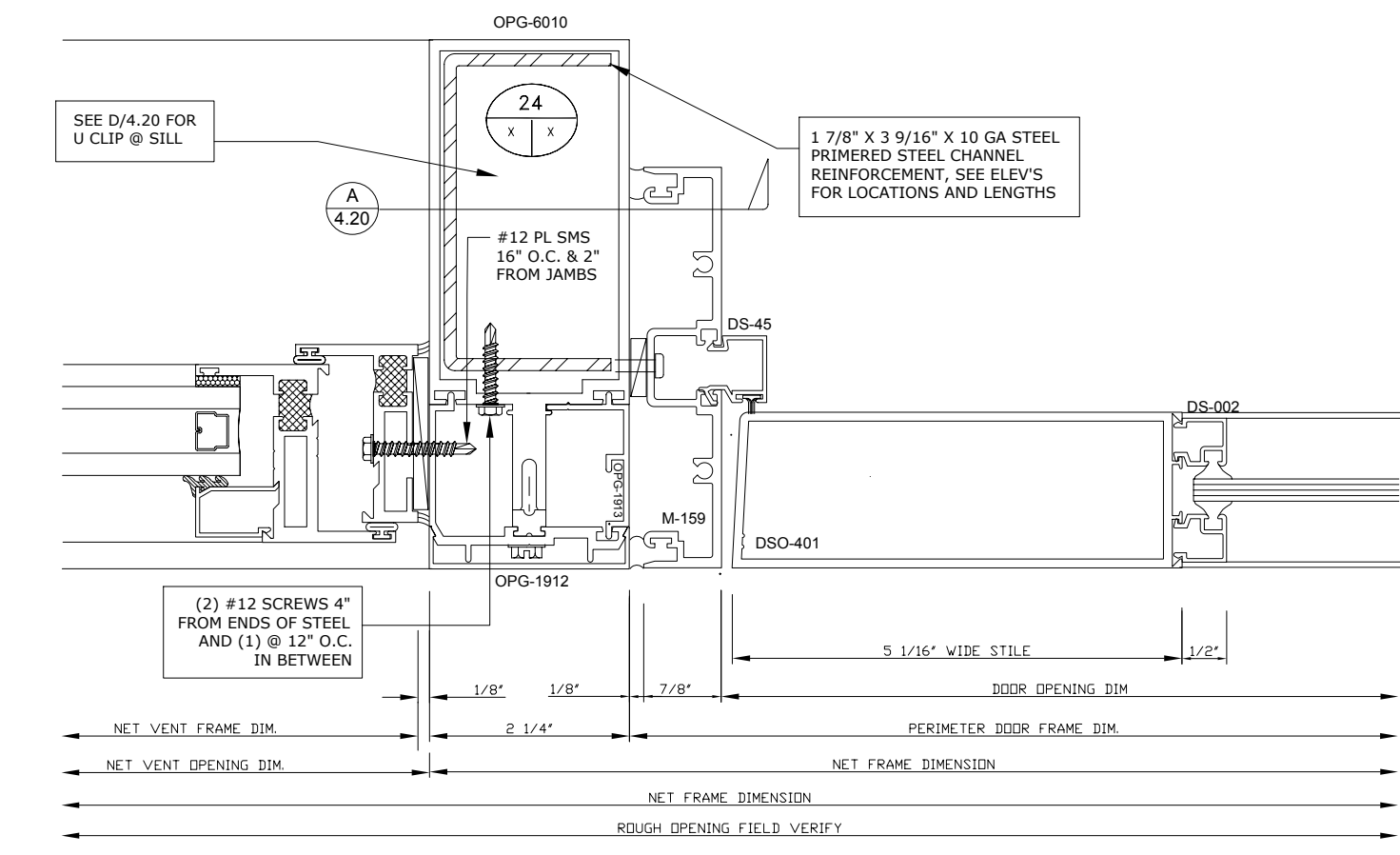
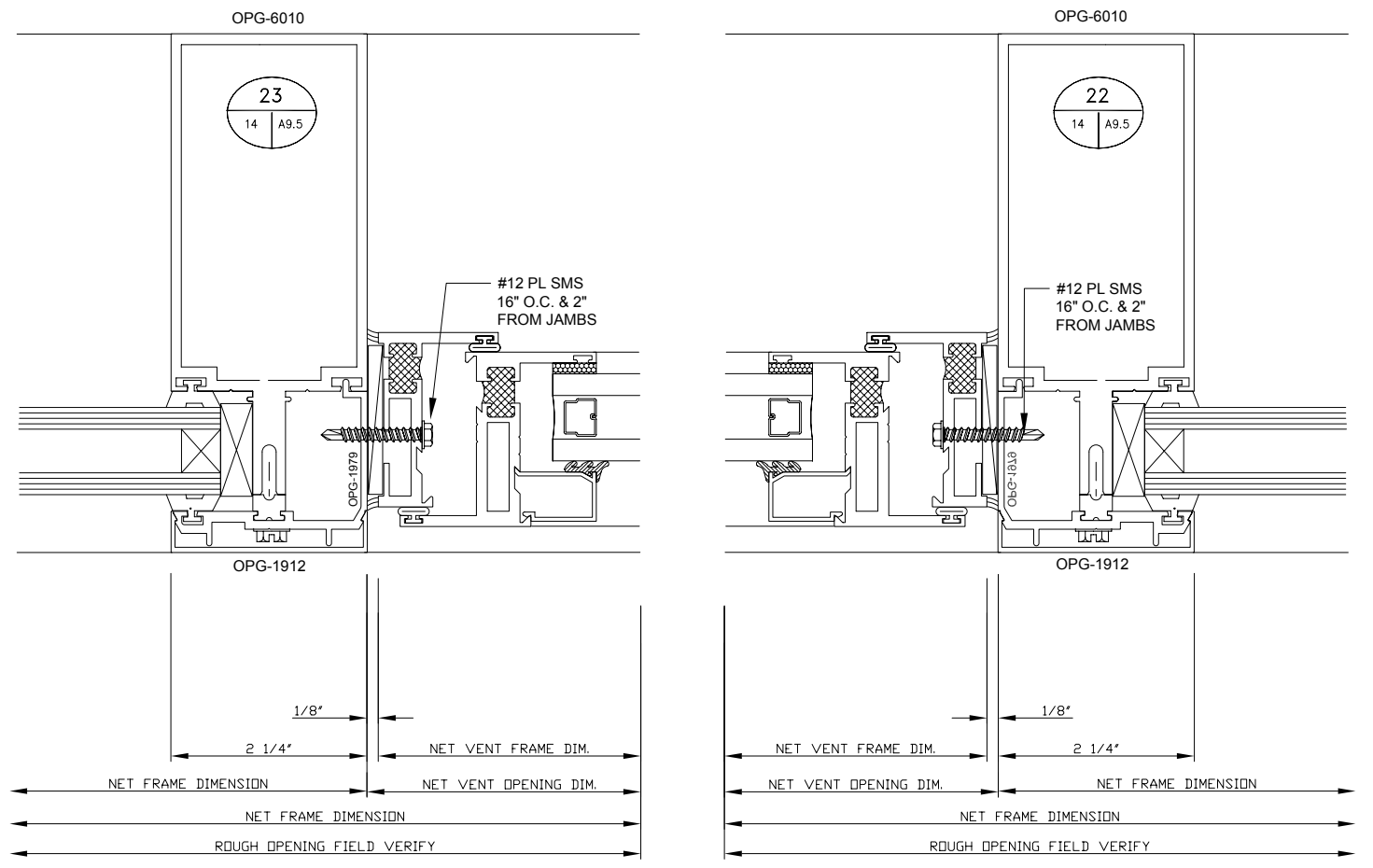


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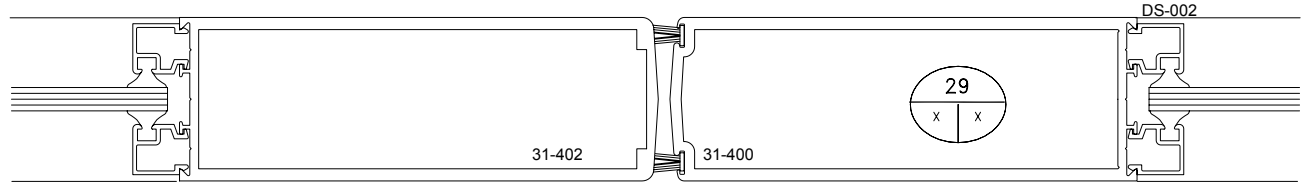
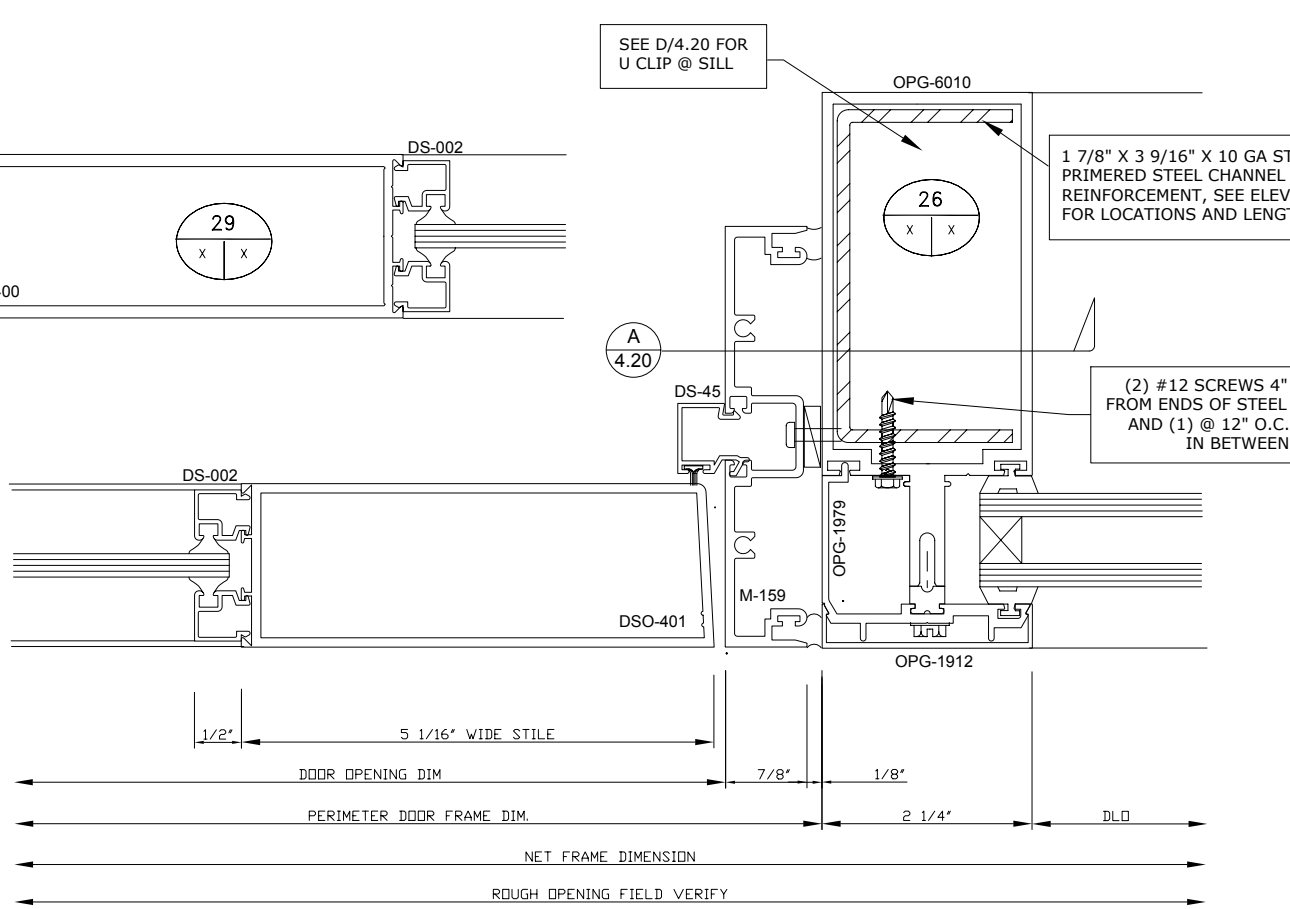
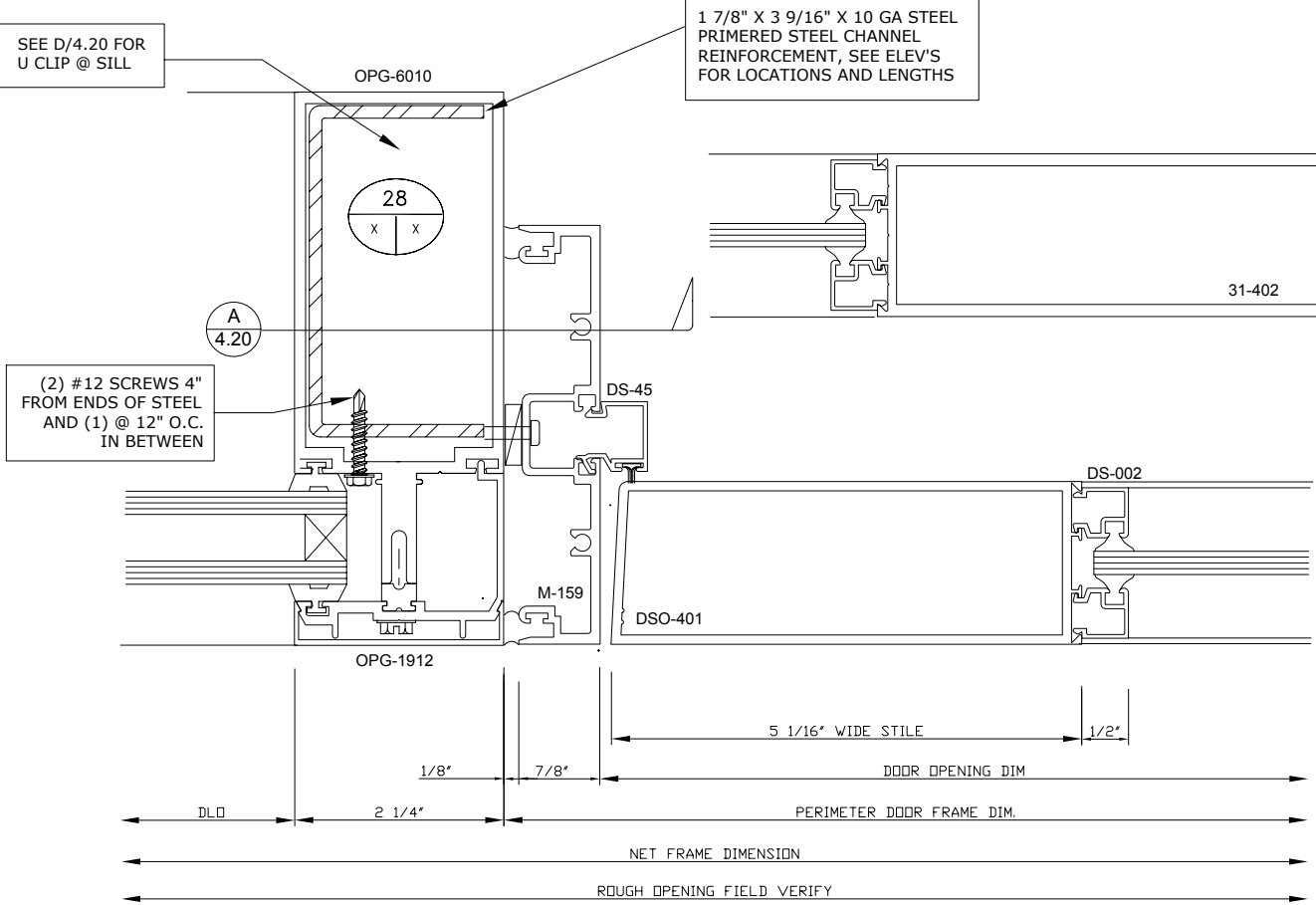
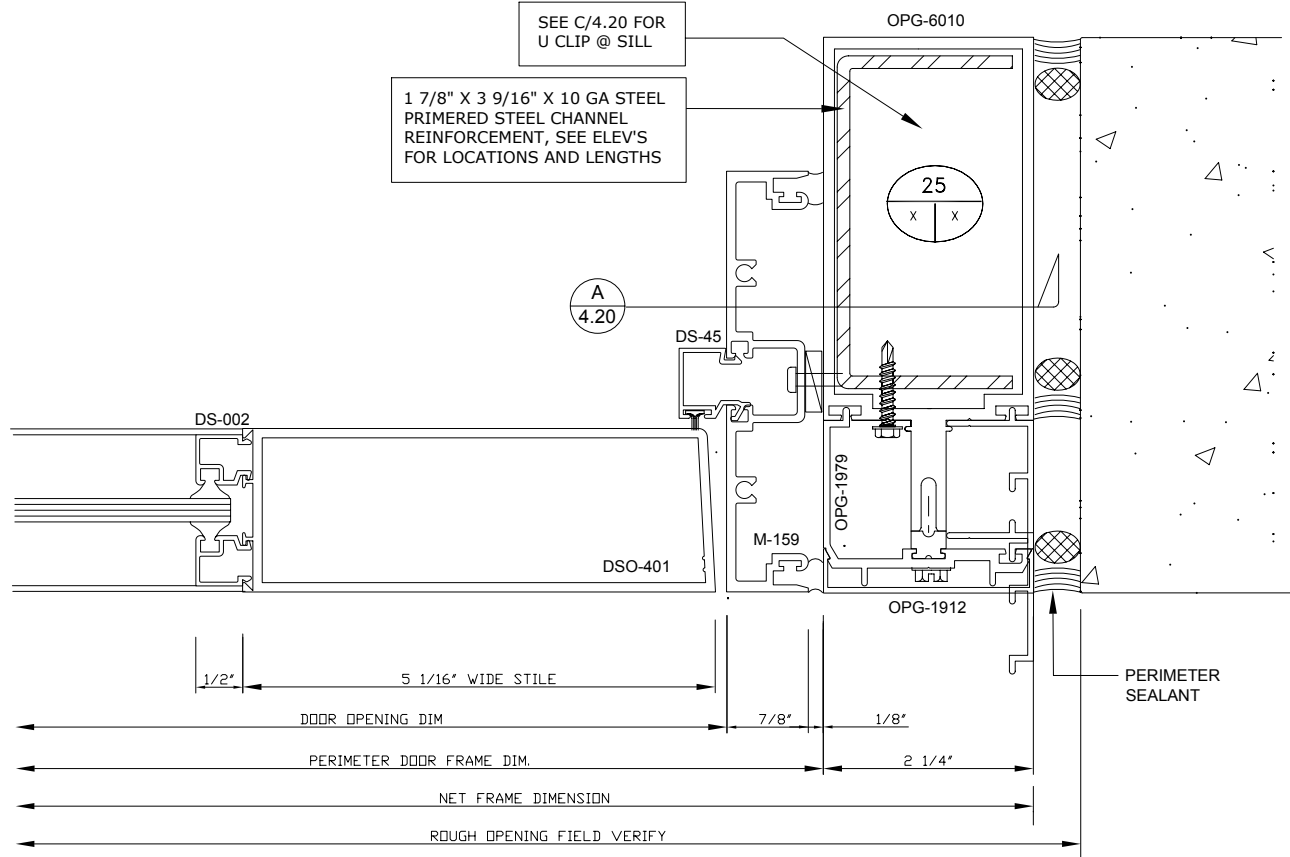
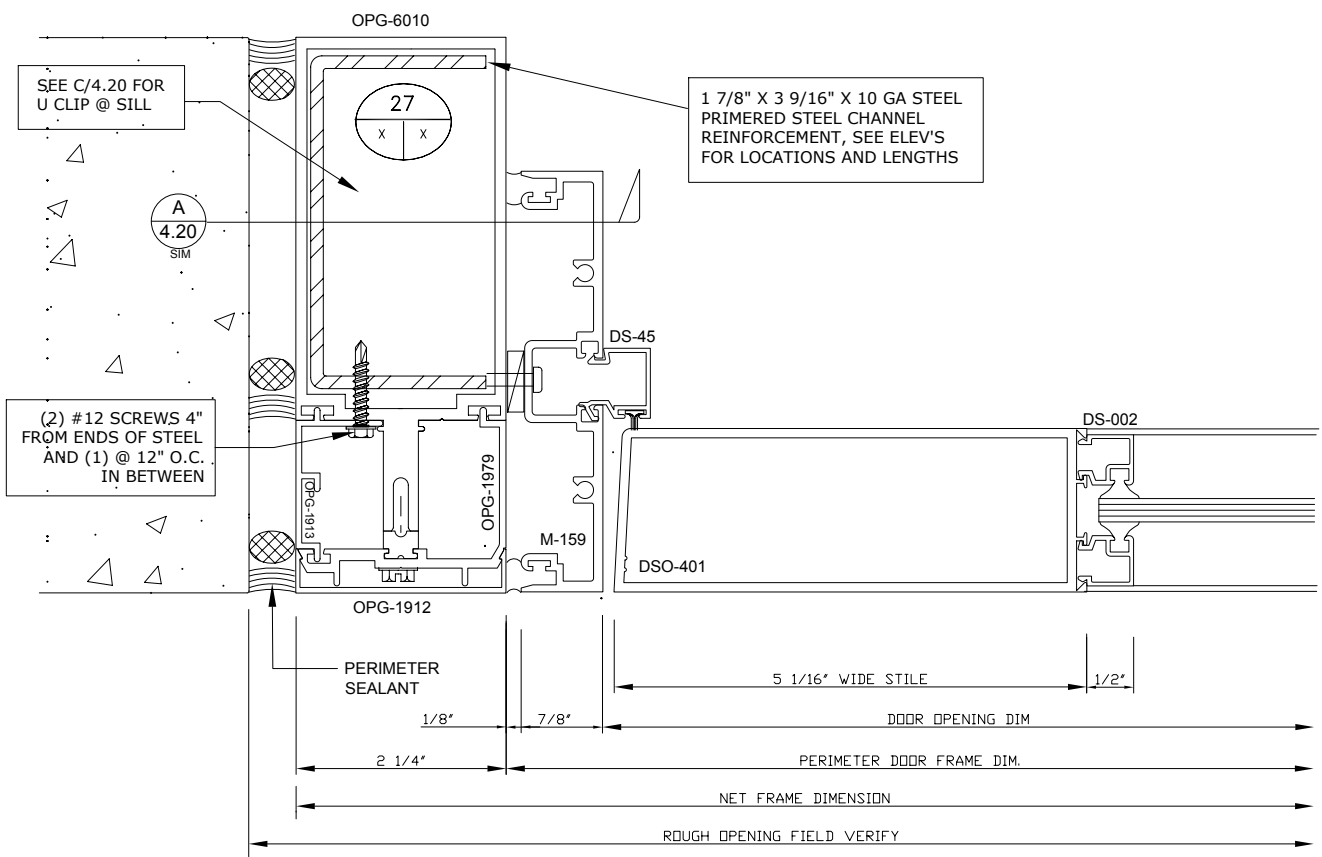


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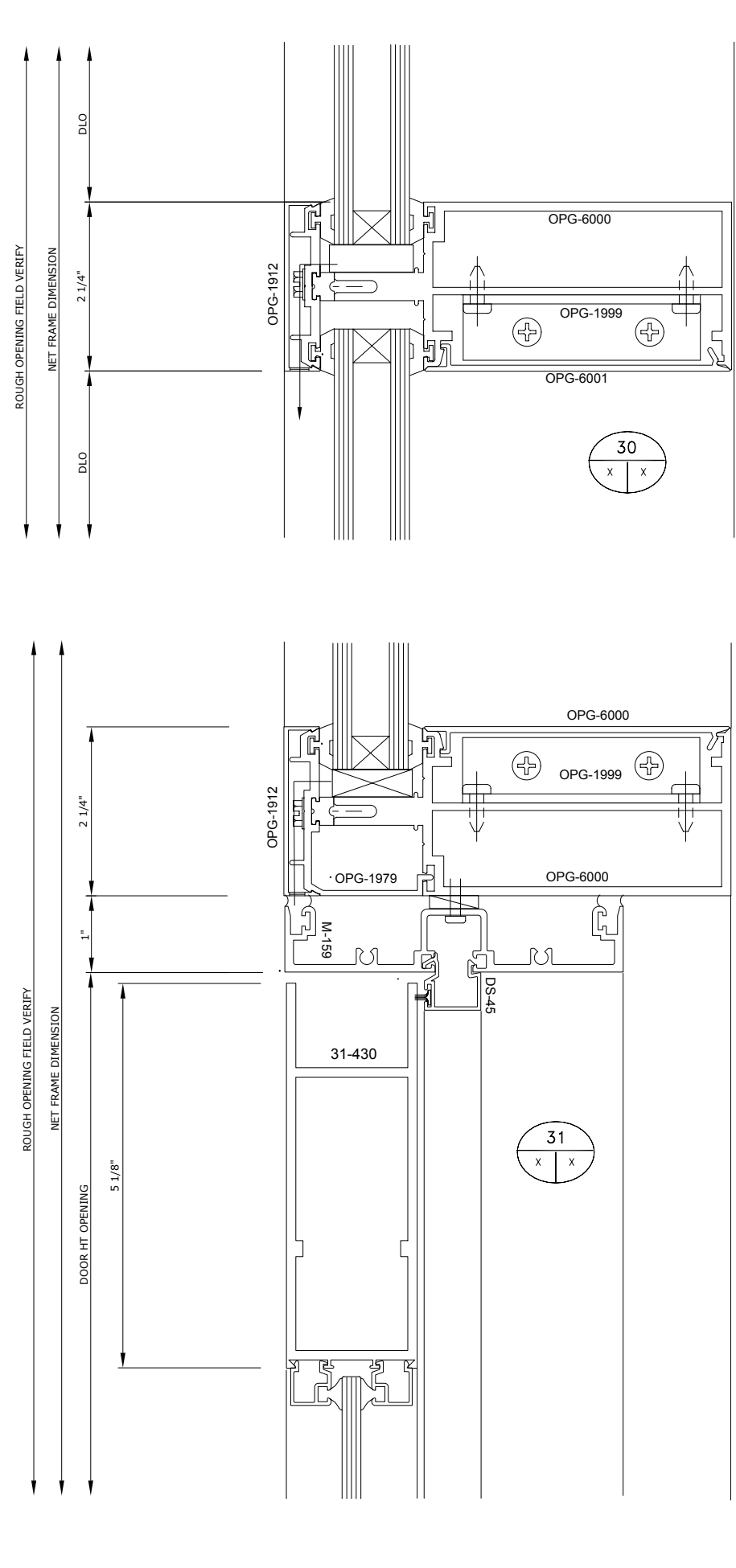
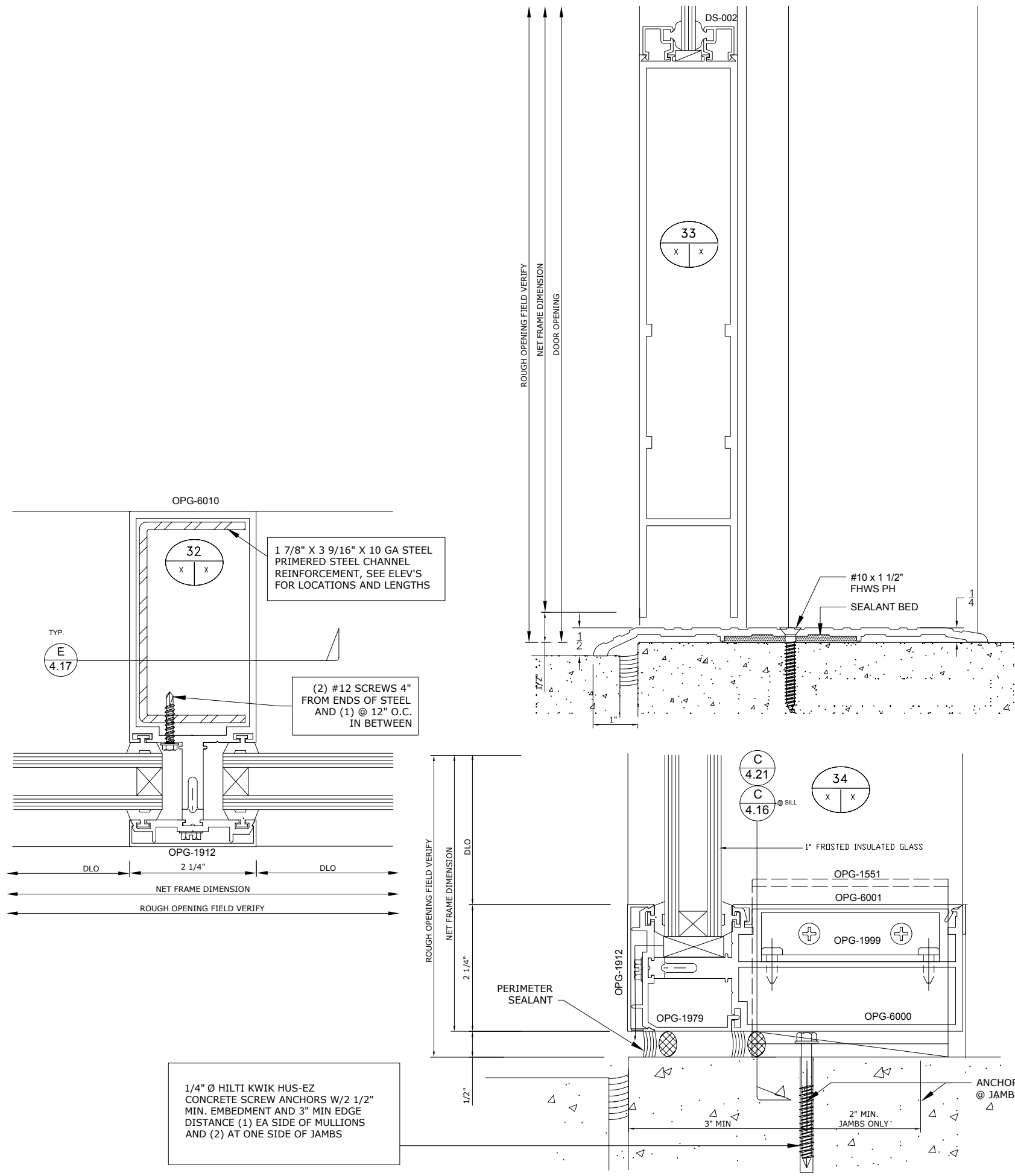


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JOB NAME: HUMANITIES BLDG MODERNIZATION SBCC
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JOB NUMBER: 1219DSA	DRAWN BY: HIRSCH DESIGN	DATE: 08/17/2012	SCALE: FULL SCALE	REVISION No.
				SHEET: 4.07



No.	Date	Revision	Approved

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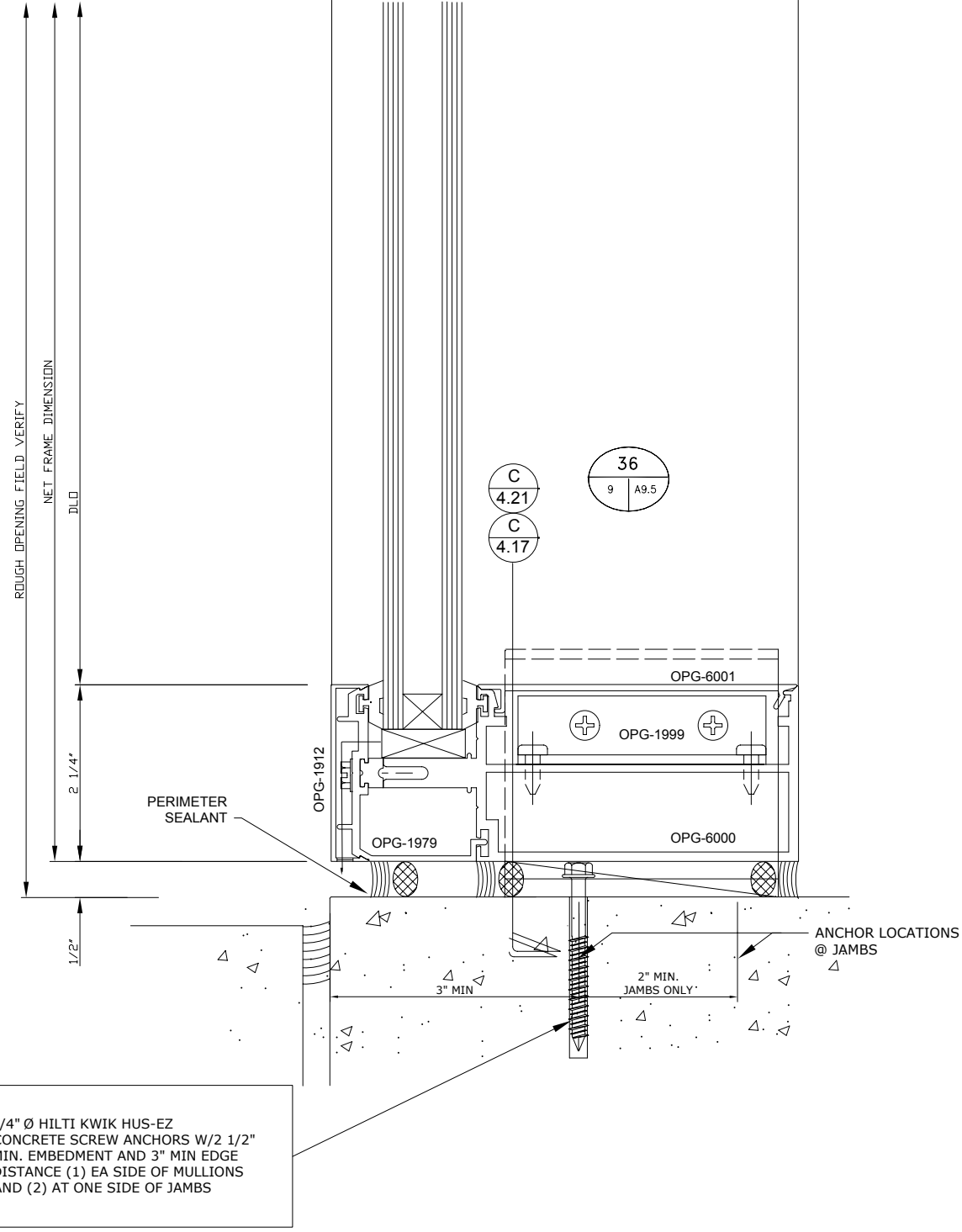
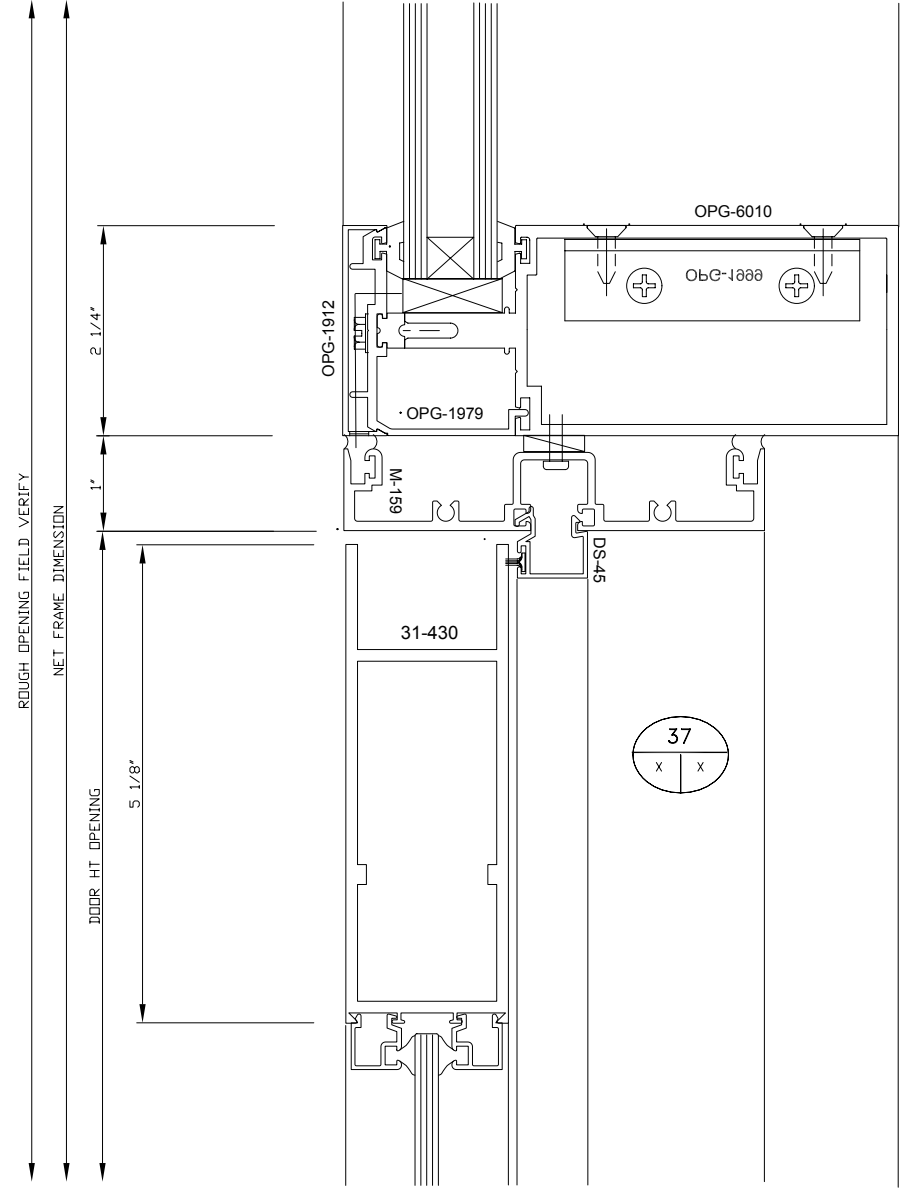
JOB NAME
HUMANITIES BLDG MODERNIZATION SBCC

GENERAL CONT

ARCHITECT

SHEET TITLE
DETAILS

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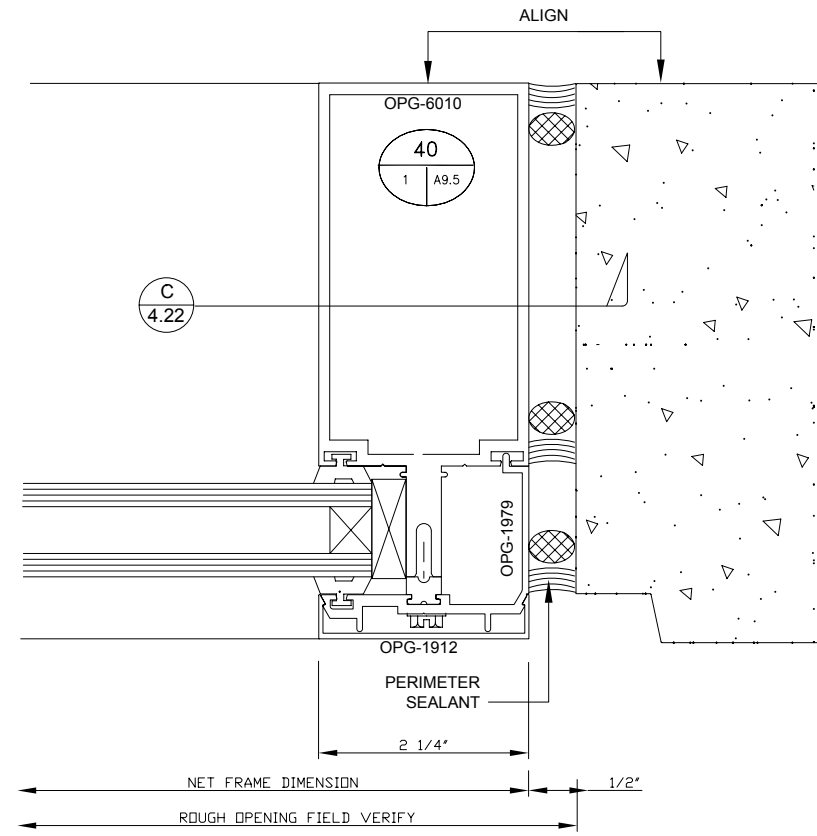
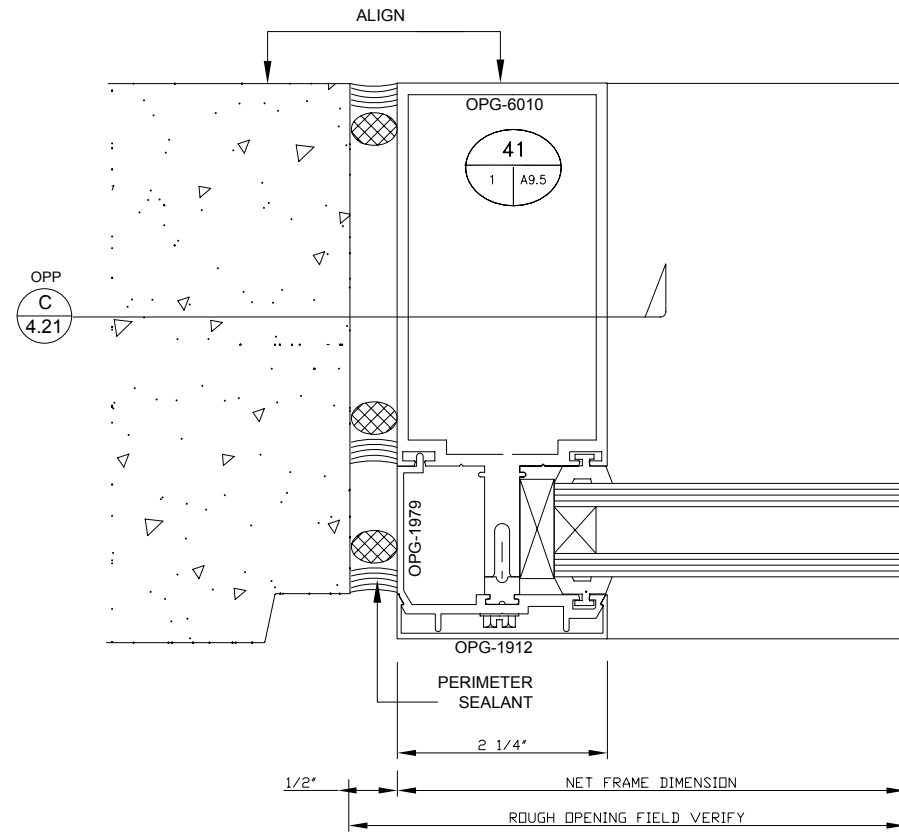
1/4" Ø HILTI KWIK HUS-EZ
 CONCRETE SCREW ANCHORS W/2 1/2"
 MIN. EMBEDMENT AND 3" MIN
 EDGE DISTANCE (1) EA SIDE OF MULLIONS
 AND (2) AT ONE SIDE OF JAMBS

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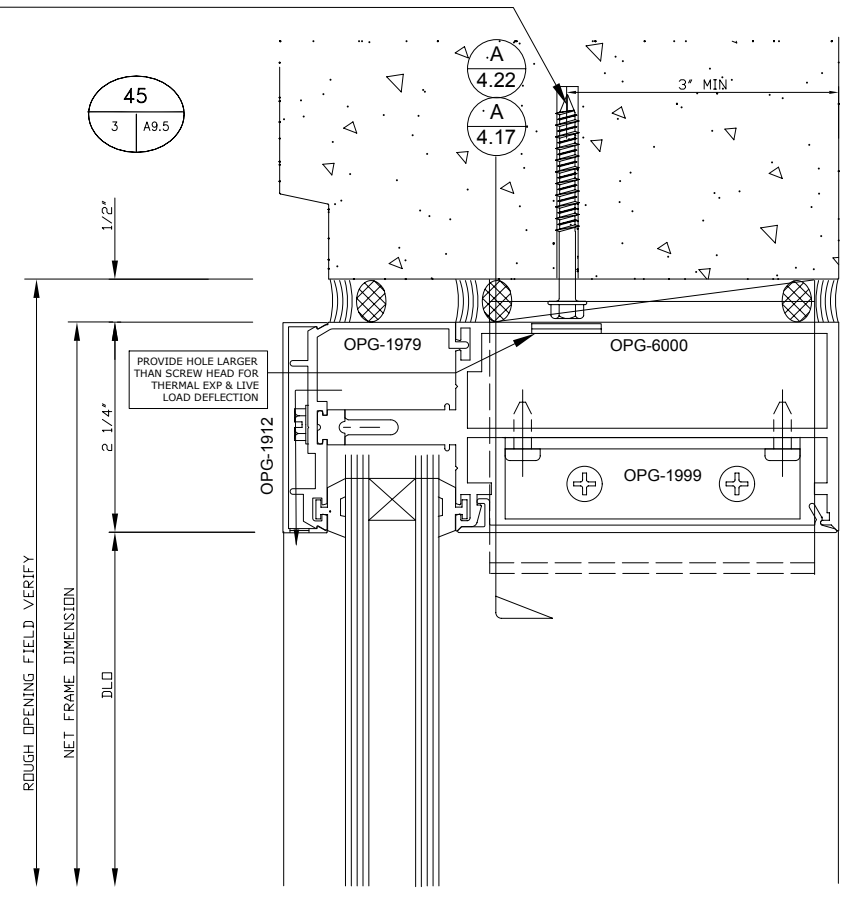
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JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: FULL SCALE
 REVISION No.
 SHEET: 4.09



1/4" Ø HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" MIN. EMBEDMENT AND 3" MIN EDGE DISTANCE (1) EA SIDE OF MULLIONS AND (2) AT JAMBS W/ (1) BELOW JAMB AND (1) @ SIDE OF JAMB.

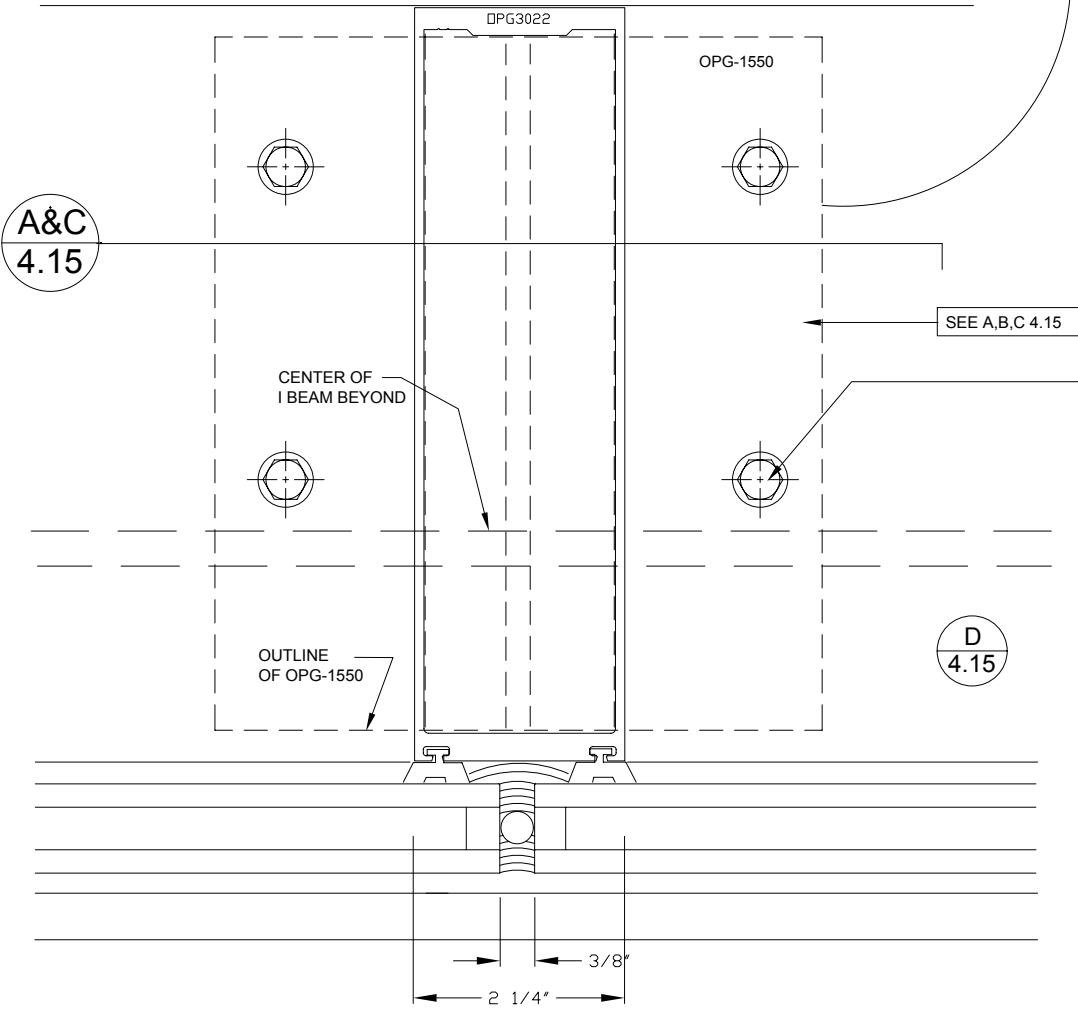
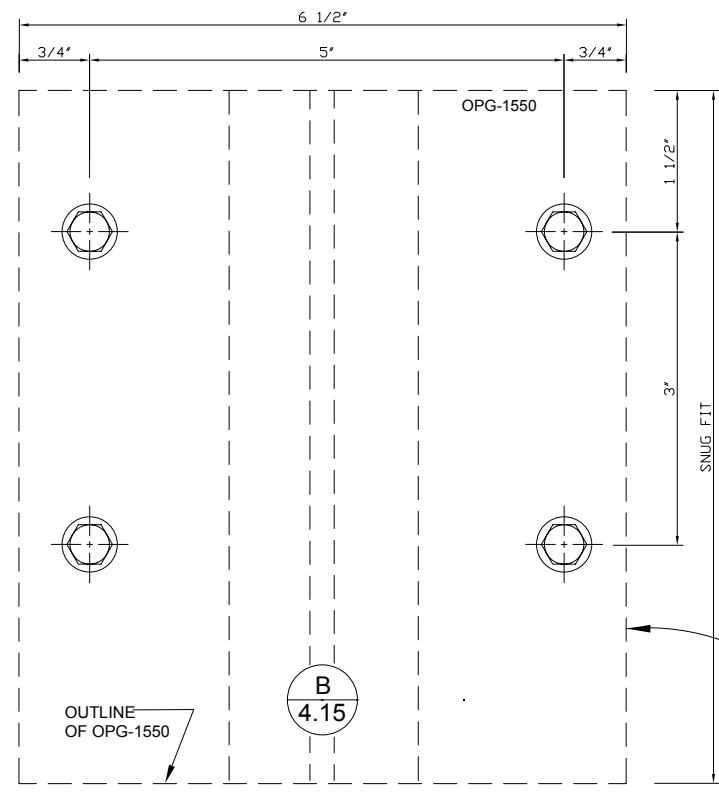


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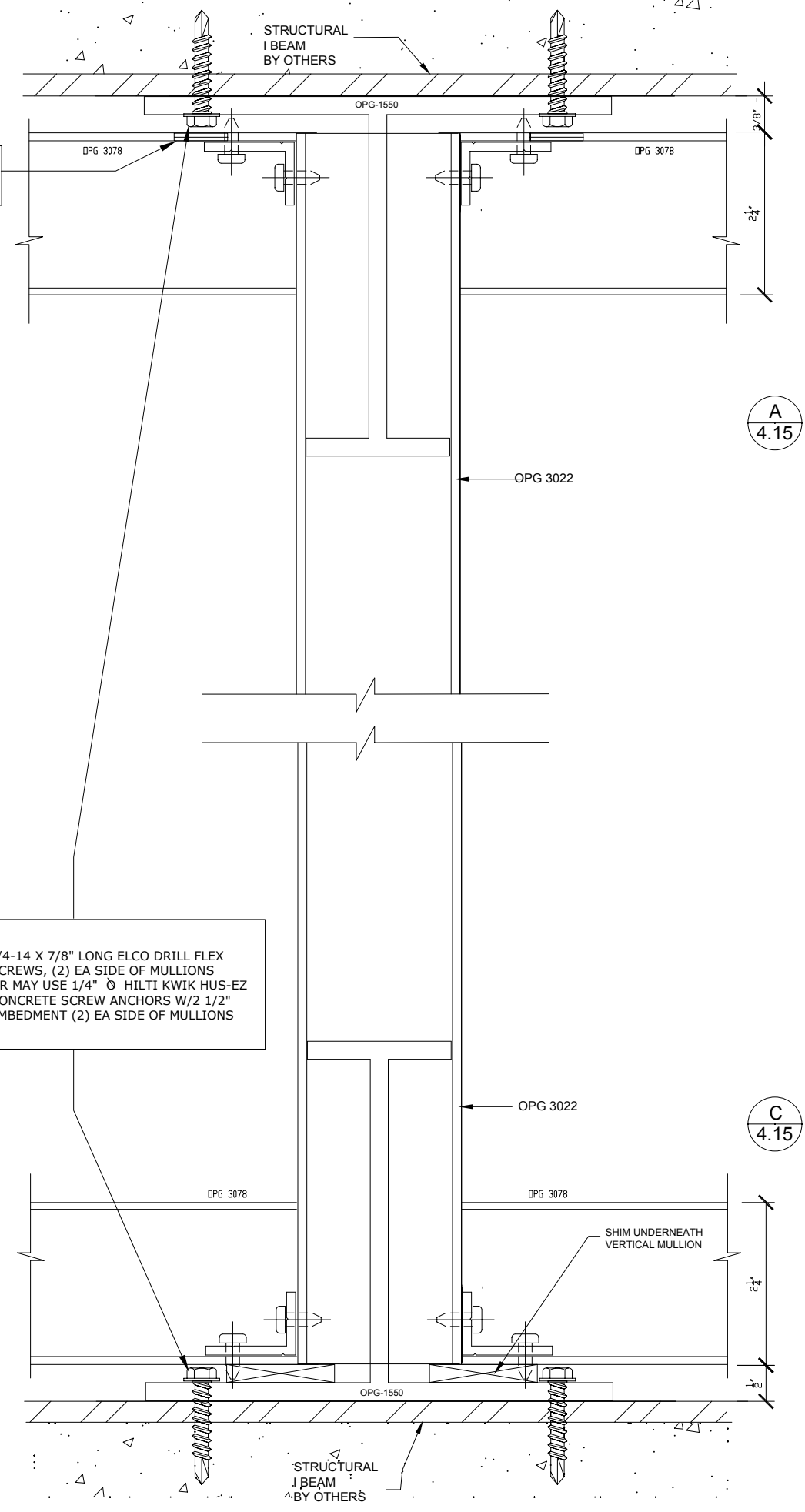
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 GENERAL CONT
 ARCHITECT
 SHEET TITLE: DETAILS

JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: FULL SCALE
 REVISION No.
 SHEET: 4.10



PROVIDE HOLE LARGER THAN SCREW HEAD FOR THERMAL EXP & LIVE LOAD DEFLECTION

1/4-14 X 7/8" LONG ELCO DRILL FLEX SCREWS, (2) EA SIDE OF MULLIONS OR MAY USE 1/4" Ø HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" EMBEDMENT (2) EA SIDE OF MULLIONS



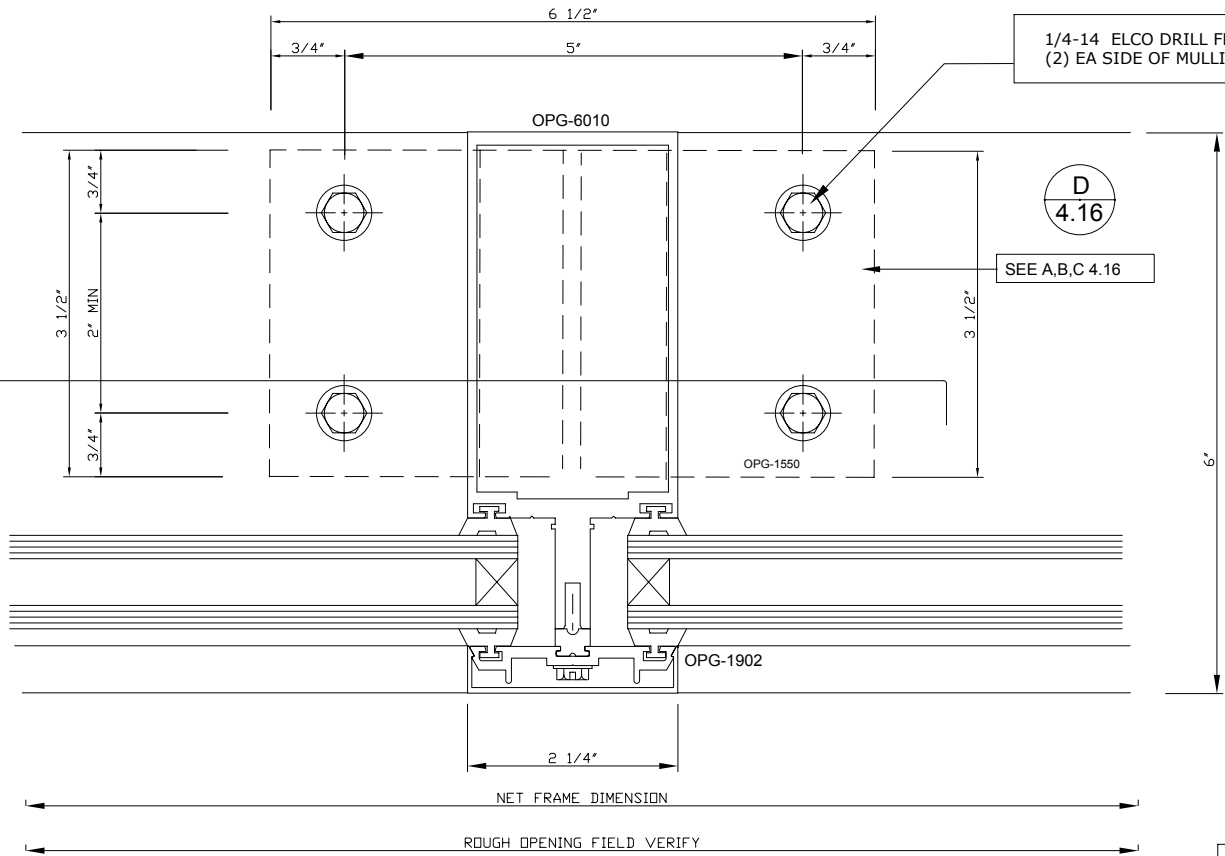
No.	Date	Revisions

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JOB NAME: HUMANITIES BLDG MODERNIZATION SBCC
 GENERAL CONT
 ARCHITECT
 SHEET TITLE: DETAILS

JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: FULL SCALE
 REVISION No.
 SHEET: 4.15

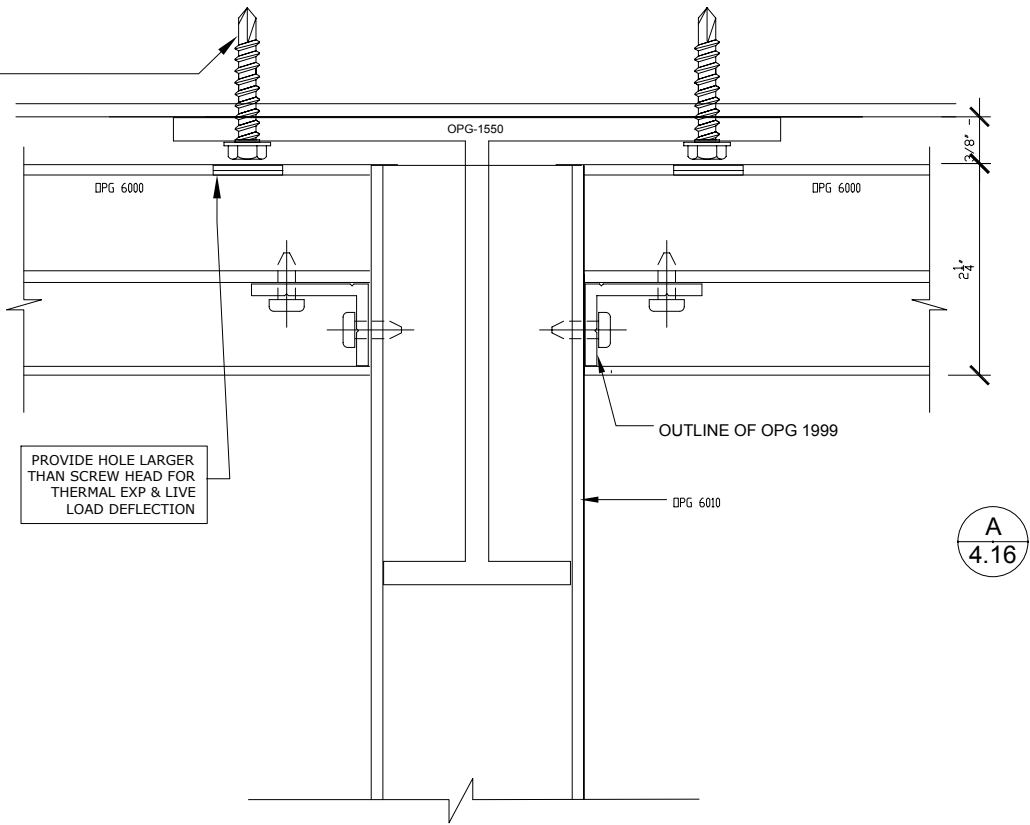
A
4.16



1/4-14 ELCO DRILL FLEX SCREWS,
(2) EA SIDE OF MULLIONS

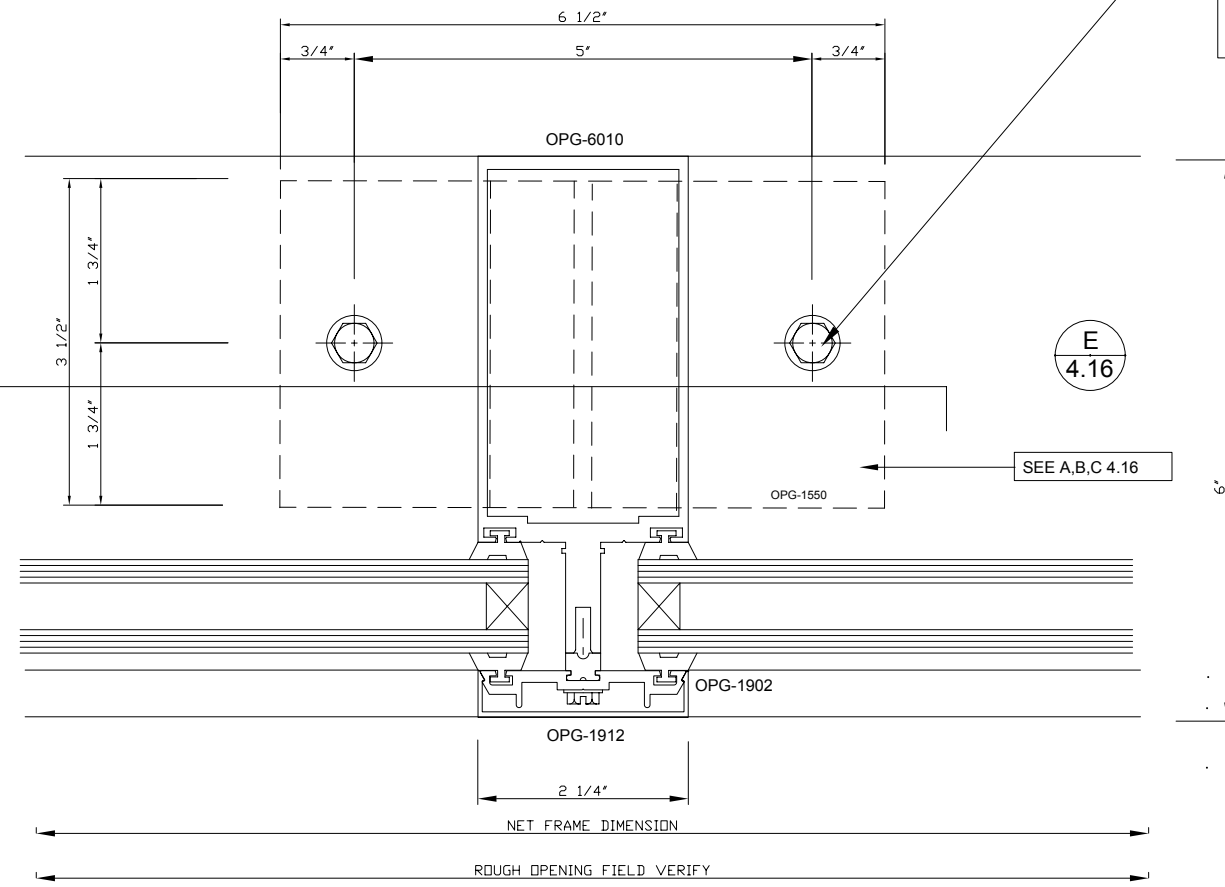
D
4.16

SEE A,B,C 4.16



A
4.16

C
4.16

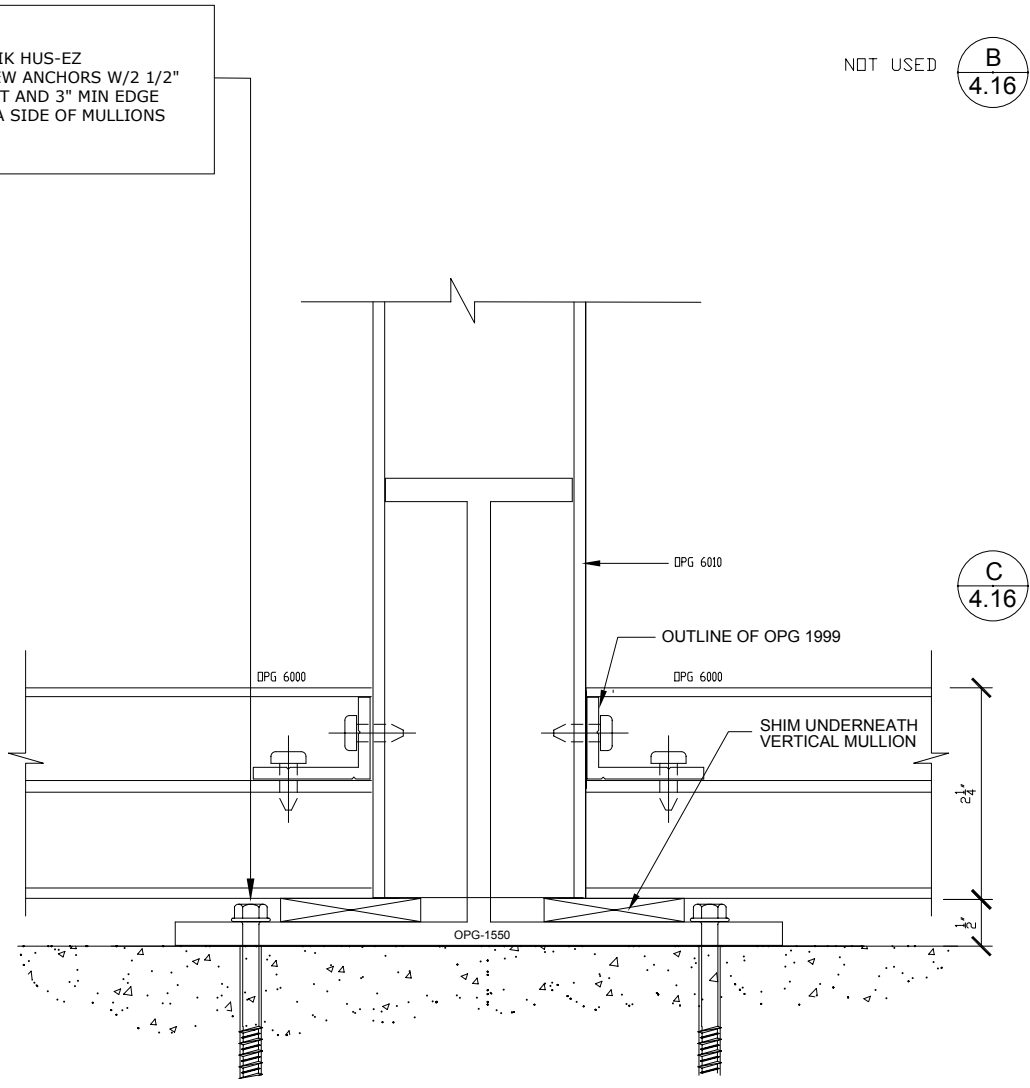


1/4" Ø HILTI KWIK HUS-EZ
CONCRETE SCREW ANCHORS W/2 1/2"
MIN. EMBEDMENT AND 3" MIN EDGE
DISTANCE (1) EA SIDE OF MULLIONS

E
4.16

SEE A,B,C 4.16

NOT USED
B
4.16



C
4.16

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Revisions	
Date	
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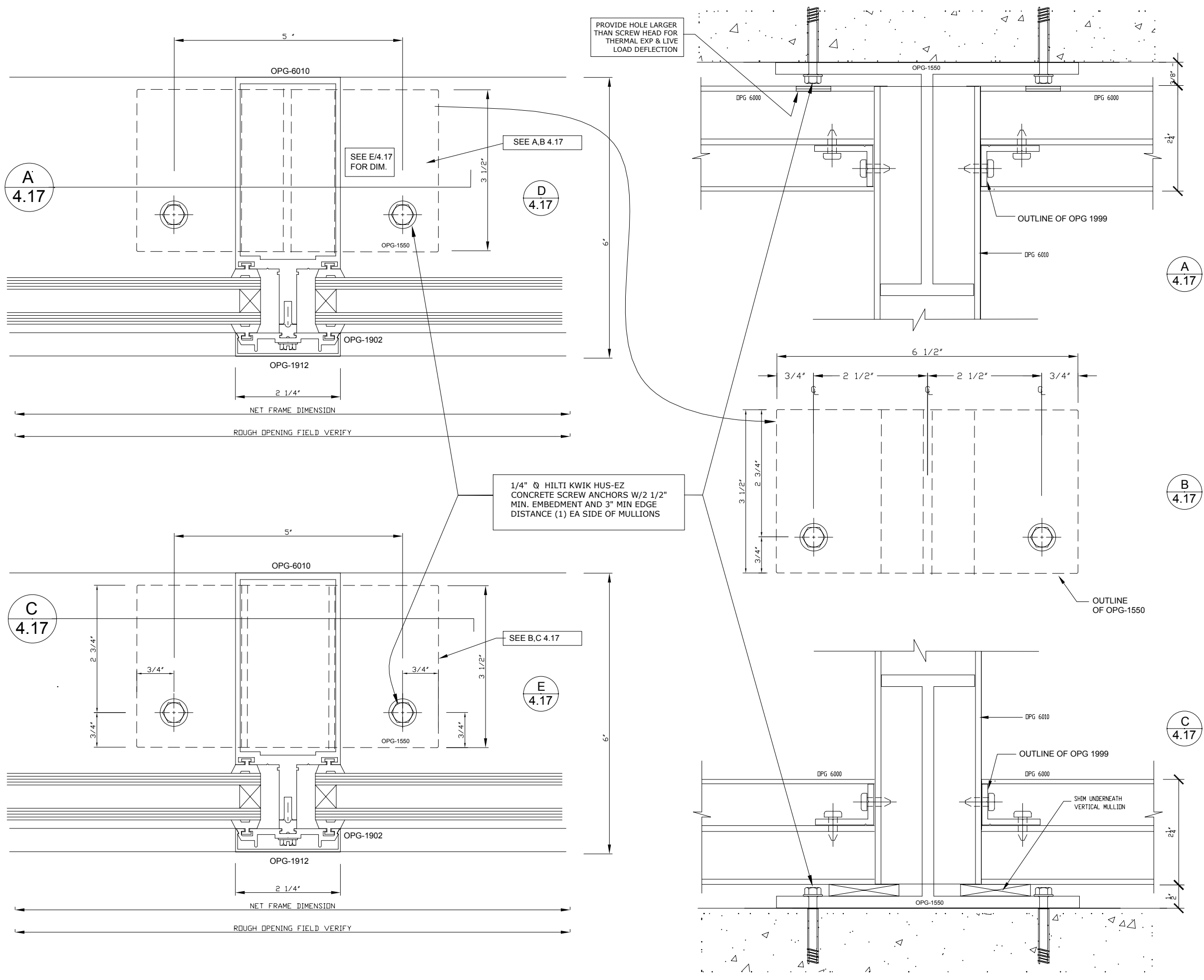
JOB NAME
HUMANITIES BLDG MODERNIZATION SBCC

GENERAL CONT

ARCHITECT

SHEET TITLE
DETAILS

JOB NUMBER	1219DSA
DRAWN BY	HIRSCH DESIGN
DATE	08/17/2012
SCALE	FULL SCALE
REVISION No.	
SHEET	4.16



PROVIDE HOLE LARGER THAN SCREW HEAD FOR THERMAL EXP & LIVE LOAD DEFLECTION

SEE E/4.17 FOR DIM.

SEE A,B 4.17

1/4" Ø HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" MIN. EMBEDMENT AND 3" MIN EDGE DISTANCE (1) EA SIDE OF MULLIONS

SEE B,C 4.17

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Revisions	
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JOB NAME
HUMANITIES BLDG MODERNIZATION SBCC

GENERAL CONT
ARCHITECT

SHEET TITLE
DETAILS

JOB NUMBER
1219DSA

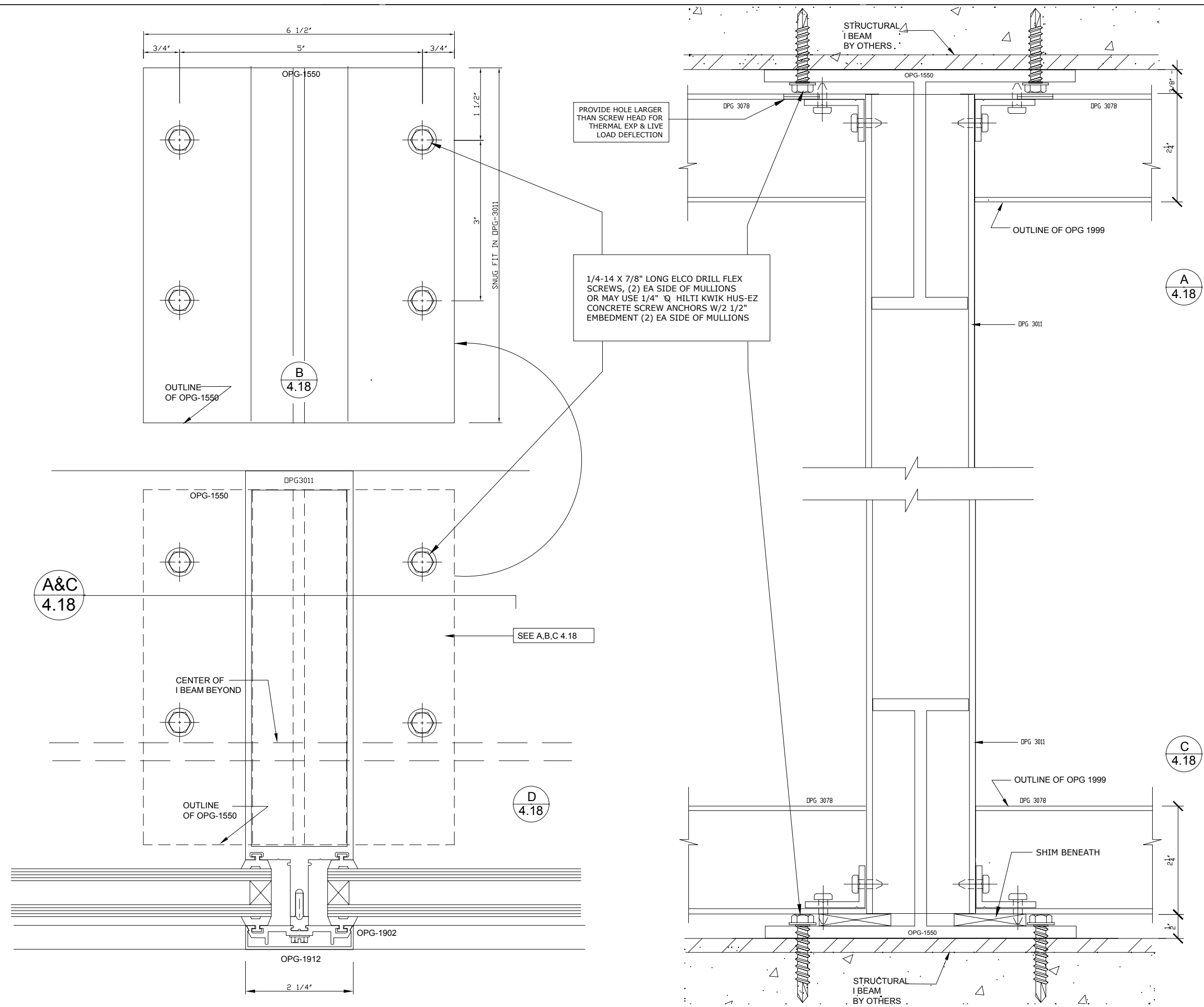
DRAWN BY
HIRSCH DESIGN

DATE
08/17/2012

SCALE
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REVISION No.

SHEET
4.17



PROVIDE HOLE LARGER THAN SCREW HEAD FOR THERMAL EXP & LIVE LOAD DEFLECTION

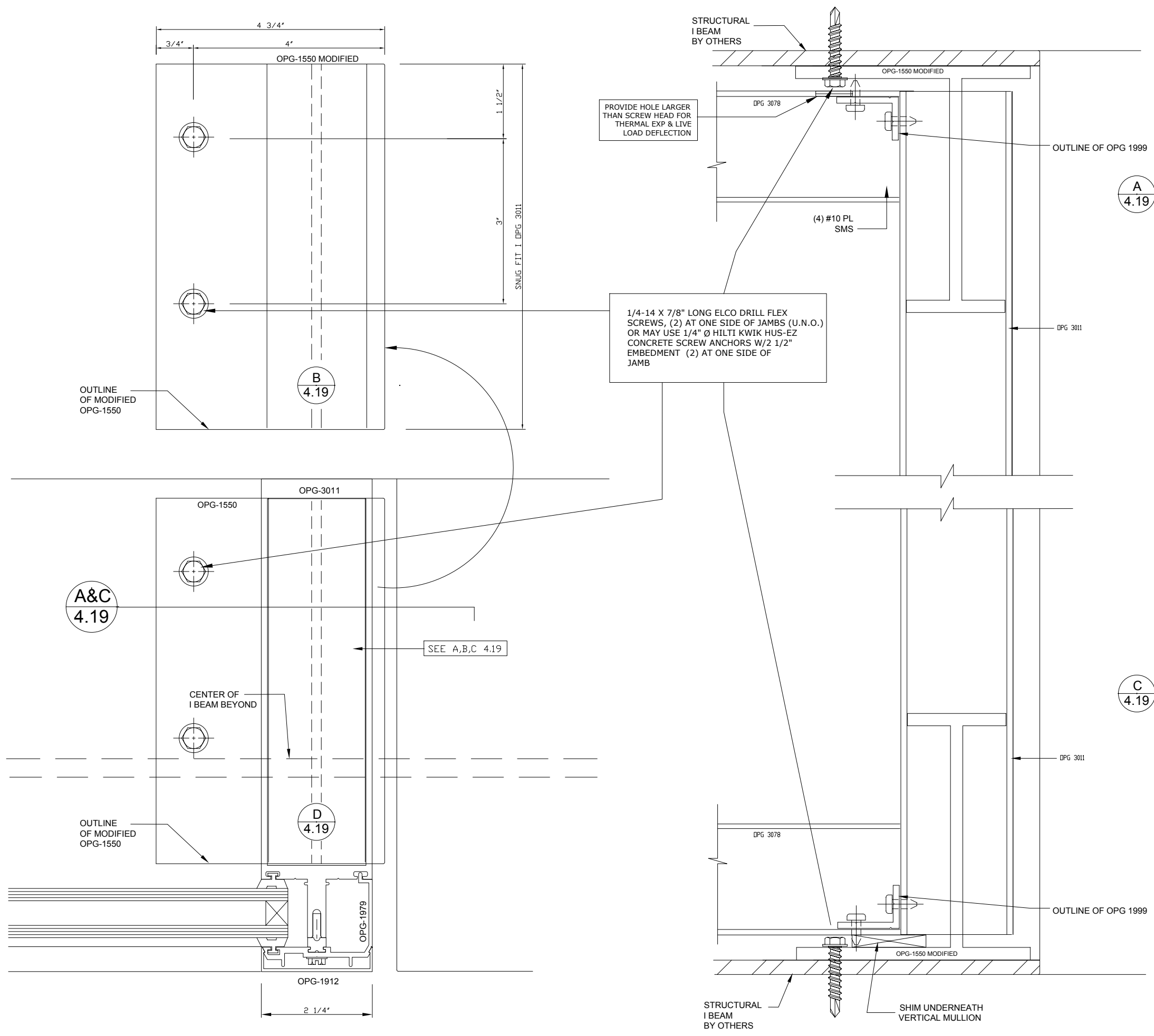
1/4-14 X 7/8" LONG ELCO DRILL FLEX SCREWS, (2) EA SIDE OF MULLIONS OR MAY USE 1/4" Q HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/2 1/2" EMBEDMENT (2) EA SIDE OF MULLIONS

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Revisions	
Date	
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JOB NAME: HUMANITIES BLDG MODERNIZATION SBCC
 GENERAL CONT
 ARCHITECT
 SHEET TITLE: DETAILS

JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: FULL SCALE
 REVISION No.
 SHEET: 4.18



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JOB NAME
HUMANITIES BLDG MODERNIZATION SBCC

GENERAL CONT

ARCHITECT

SHEET TITLE
DETAILS

JOB NUMBER
1219DSA

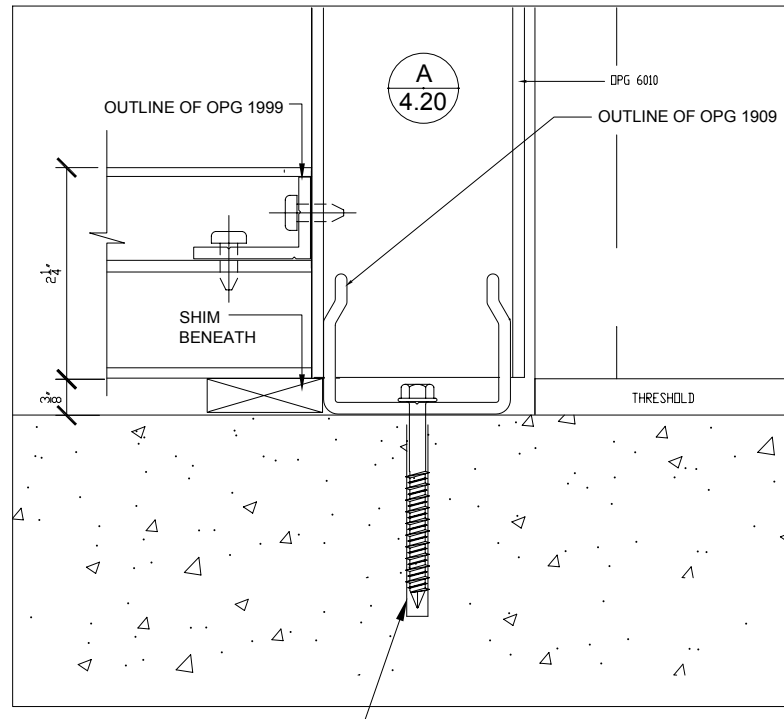
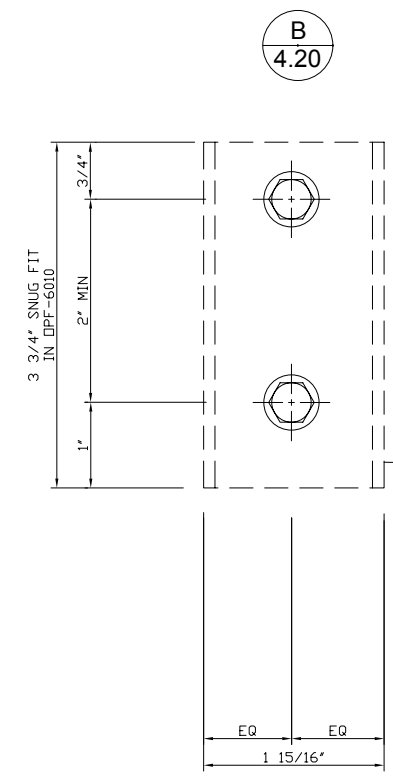
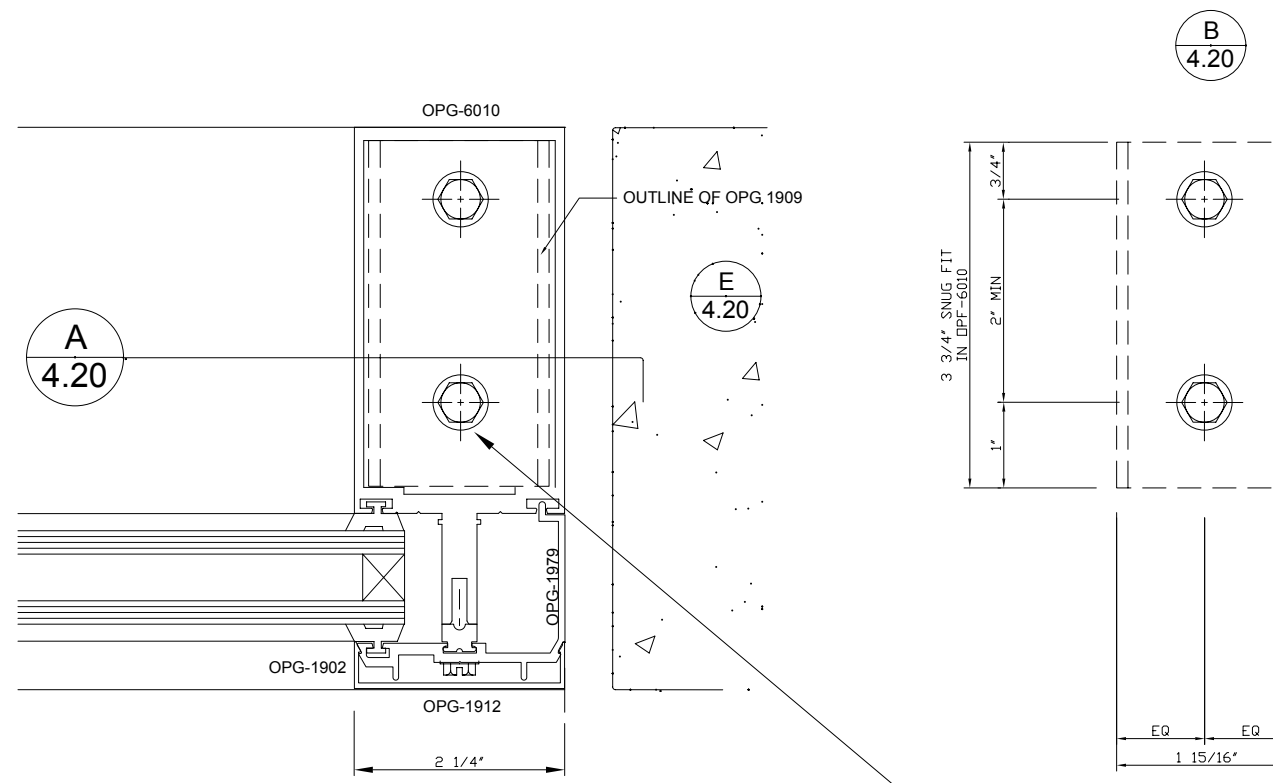
DRAWN BY
HIRSCH DESIGN

DATE
08/17/2012

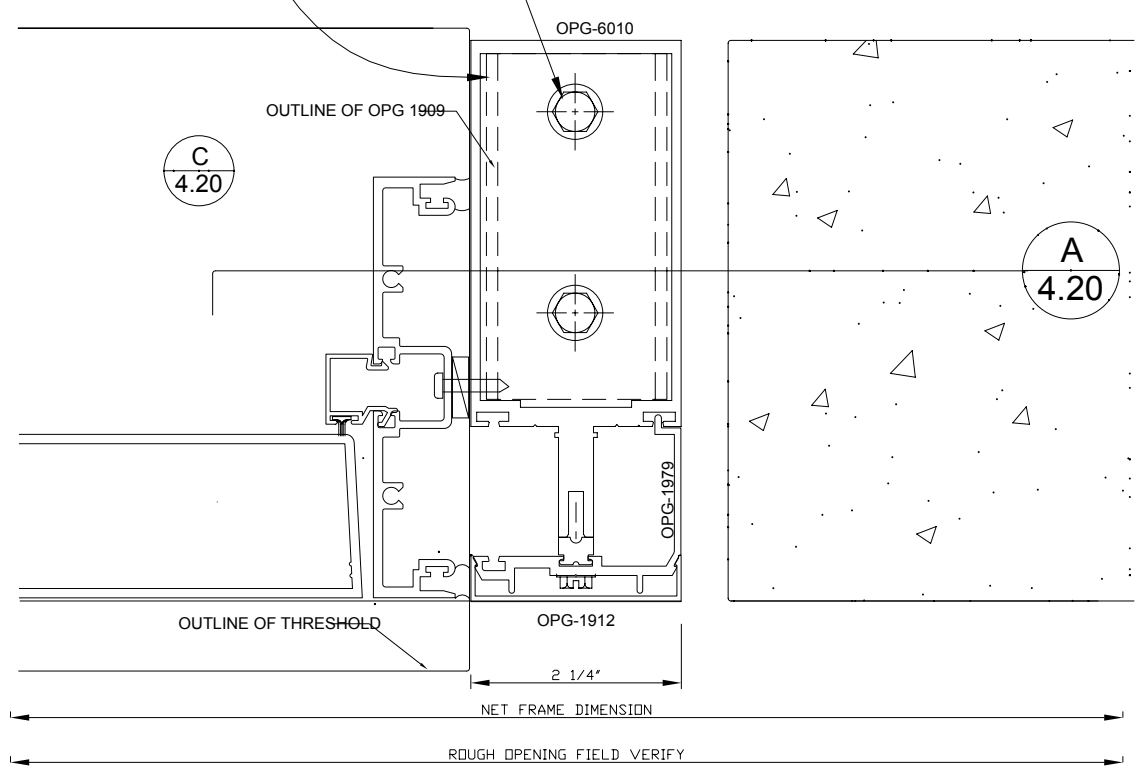
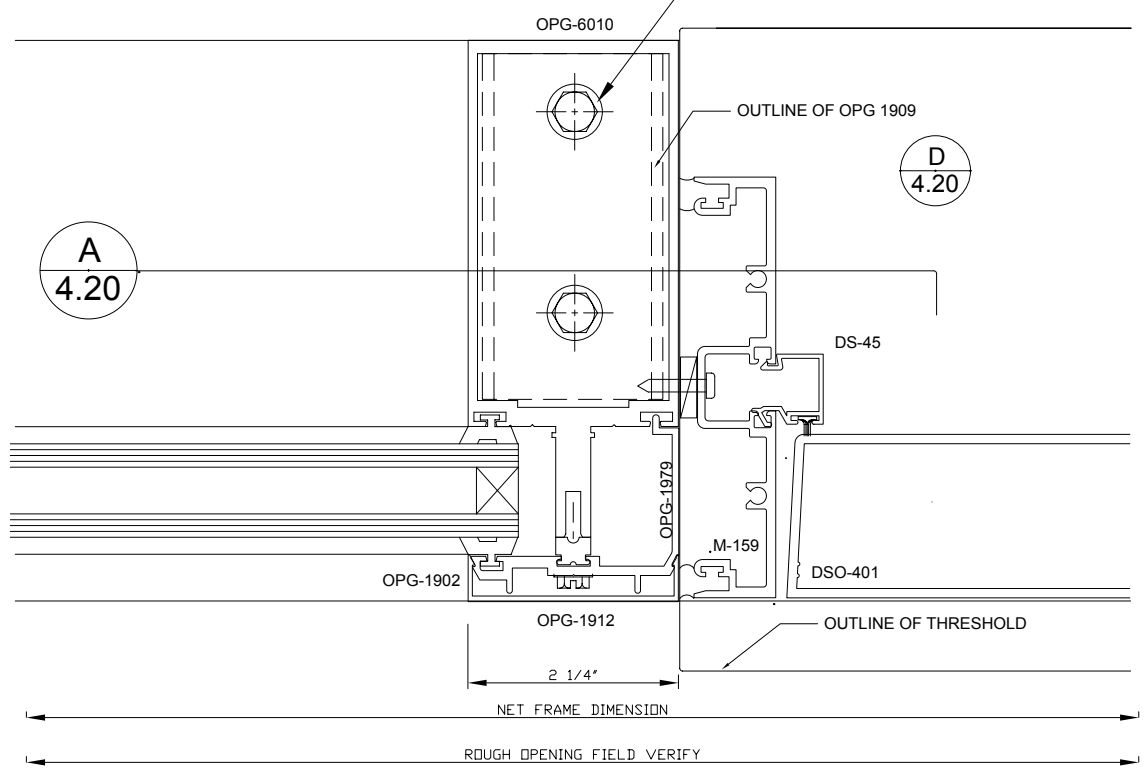
SCALE
FULL SCALE

REVISION No.

SHEET
4.19



(2) 1/4" Ø HILTI KWIK HUS-EZ CONCRETE SCREW ANCHORS W/ 2 1/2" MIN. EMBEDMENT AND 3" MIN EDGE DISTANCE AND 2" MIN SPACING

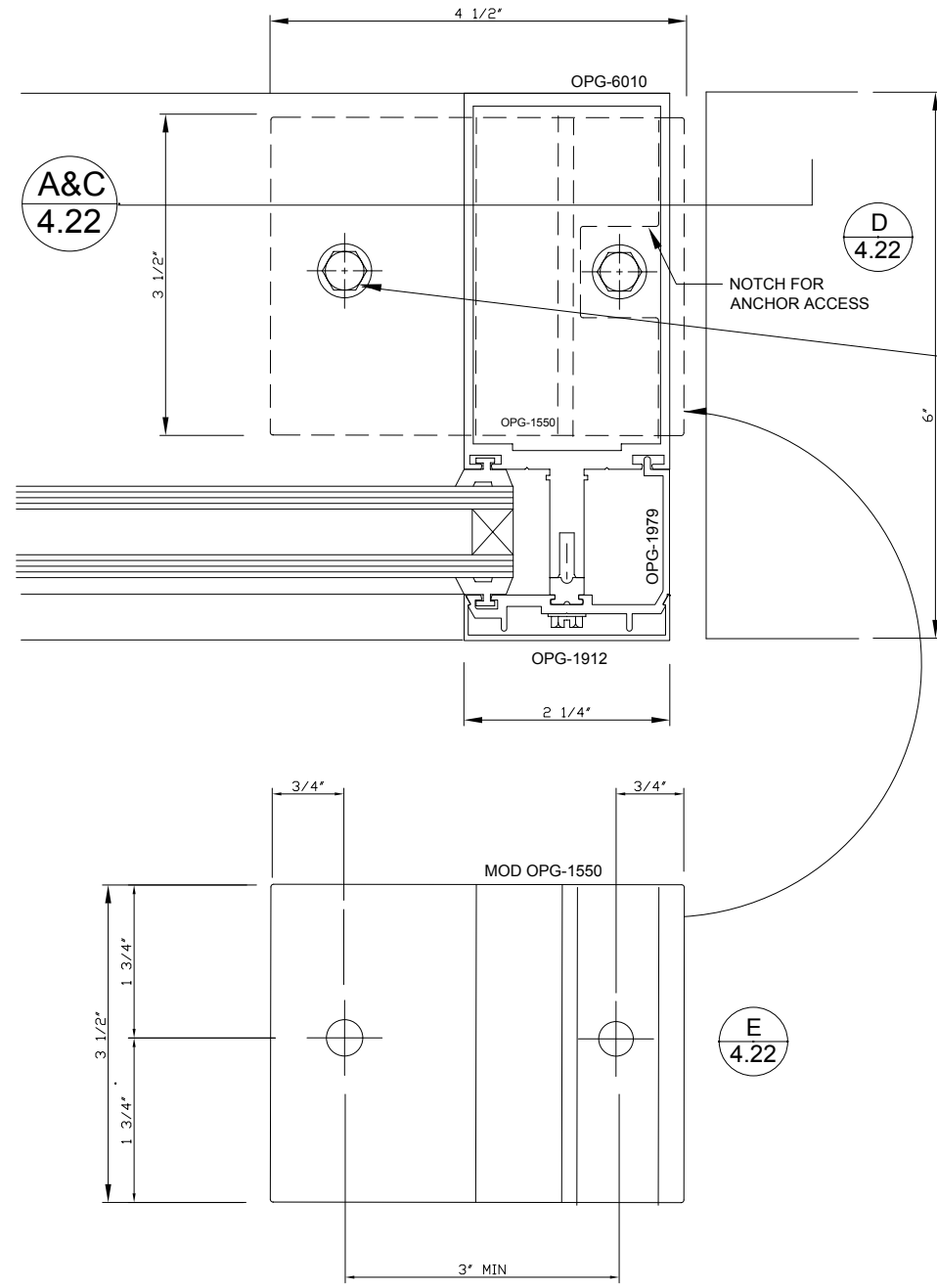


No.	Date	Revisions	Apprv.

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JOB NAME: HUMANITIES BLDG MODERNIZATION SBCC
 GENERAL CONT
 ARCHITECT
 SHEET TITLE: DETAILS

JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: FULL SCALE
 REVISION No.
 SHEET: 4.20

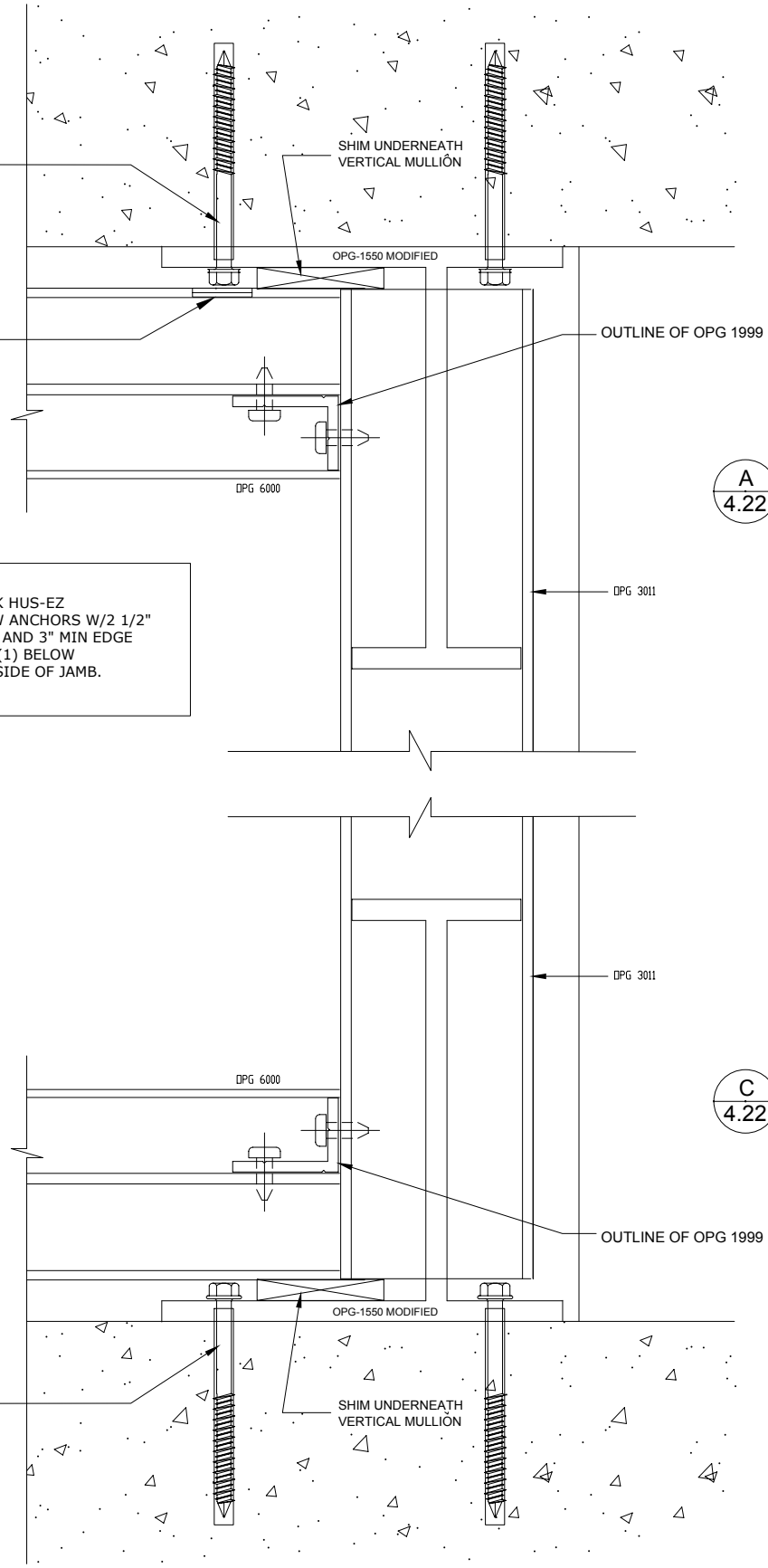


1/4" Ø HILTI KWIK HUS-EZ
CONCRETE SCREW ANCHORS W/2 1/2"
MIN. EMBEDMENT AND 3" MIN EDGE
(2) AT JAMBS W/ (1) BELOW
JAMB AND (1) @ SIDE OF JAMB.

PROVIDE HOLE LARGER
THAN SCREW HEAD FOR
THERMAL EXP & LIVE
LOAD DEFLECTION

1/4" Ø HILTI KWIK HUS-EZ
CONCRETE SCREW ANCHORS W/2 1/2"
MIN. EMBEDMENT AND 3" MIN EDGE
(2) AT JAMBS W/ (1) BELOW
JAMB AND (1) @ SIDE OF JAMB.

1/4" Ø HILTI KWIK HUS-EZ
CONCRETE SCREW ANCHORS W/2 1/2"
MIN. EMBEDMENT AND 3" MIN EDGE
(2) AT JAMBS W/ (1) BELOW
JAMB AND (1) @ SIDE OF JAMB.

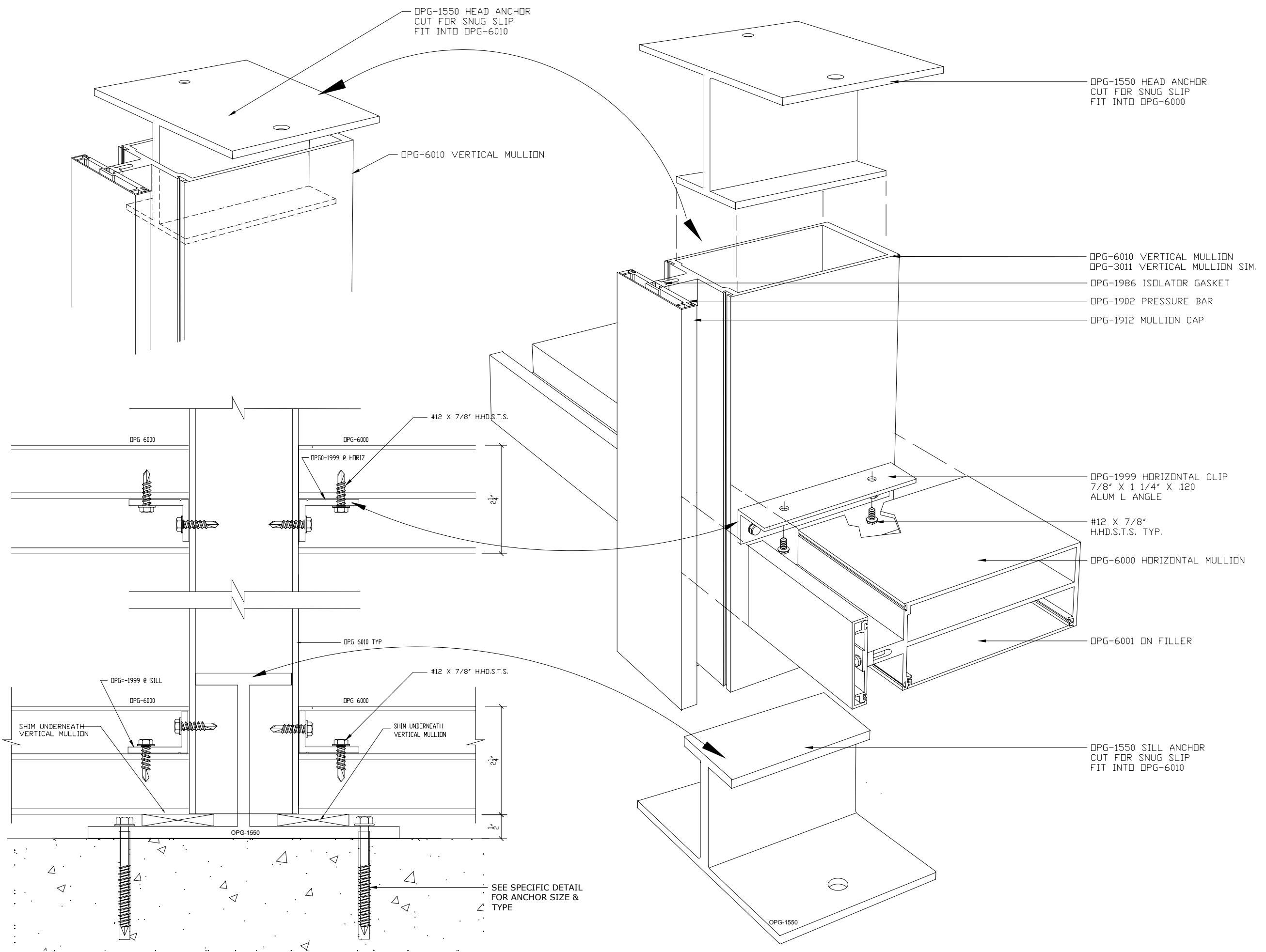


No.	Date	Revisions	Appr.

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JOB NAME: HUMANITIES BLDG MODERNIZATION SBCC
 GENERAL CONT
 ARCHITECT
 SHEET TITLE: DETAILS

JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: FULL SCALE
 REVISION No.
 SHEET: 4.22



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Revisions	
Date	
No.	

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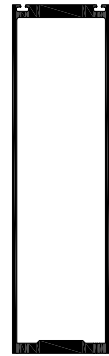
JOB NAME	
GENERAL CONT	
ARCHITECT	
SHEET TITLE	

JOB NUMBER	1219DSA
DRAWN BY	HIRSCH DESIGN
DATE	08/17/12
SCALE	N.T.S.
REVISION No.	
SHEET	4.23

PERSPECTIVE ASSEMBLY

SECTION PROPERTIES

I = 25.193 IN⁴
S = 6.265 IN³



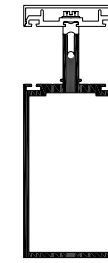
OPG-3022

I = 38.479 IN⁴
S = 7.484 IN³



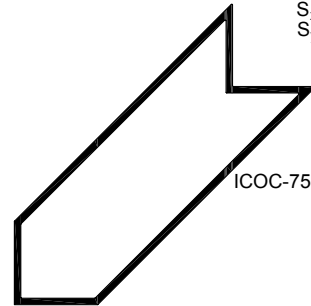
OPG-3011

I = 5.661 IN⁴
S = 2.123 IN³



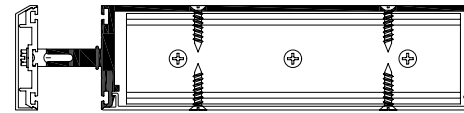
OPG-6010

ICO-755
I_x = 1.8990 IN⁴
I_y = 10.2290 IN⁴
S_x = 1.688 IN³
S_y = 2.678 IN³



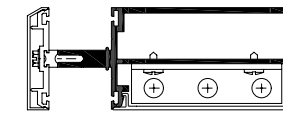
ICO-755

OPG-3078
I_y = 0.892 IN⁴
S_y = 0.564 IN³
I_x = 22.099 IN⁴
S_x = 4.210 IN³



OPG-3078

OPG-6000
I_y = 0.680 IN⁴
S_y = 0.499 IN³
I_x = 5.386 IN⁴
S_x = 1.991 IN³



OPG-6000 w/ 1" GLASS

No.	Date	Revisions	Approv.

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JOB NAME: HUMANITIES BLDG MODERNIZATION SBCC
 GENERAL CONT
 ARCHITECT
 SHEET TITLE: SECTION PROPERTIES

JOB NUMBER: 1219DSA
 DRAWN BY: HIRSCH DESIGN
 DATE: 08/17/2012
 SCALE: FULL SCALE
 REVISION No.
 SHEET: 5.00