

GENERAL NOTES

INFORMATION AVAILABLE TO PREPARE DRAWINGS

PER ARCHITECTURAL DRAWINGS DATED – 08/23/2019

SYMBOLS		
	ELEVATION NAME	
	DETAIL NAME	
	ELEVATION CALLOUT	
	SECTION CALLOUT	
	REVISED ITEM	
	REVISION NUMBER	

GENERAL NOTES

1.) LIMITATIONS: THESE DRAWINGS REPRESENT AN INTERPRETATION OF ARCHITECTURAL INFORMATION MADE AVAILABLE TO KS DRAFTING & DESIGN, LLC. KS DRAFTING & DESIGN, LLC MAKES NO REPRESENTATION OR WARRANTY TO THE PERFORMANCE OR COMPLETENESS OF THE ARCHITECTURAL DETAILS OF THE SURROUNDING AREAS.

2.) SIGNED ENGINEERING DRAWINGS TO BE SUPPLIED: ANY LISTED TOLERANCES, DIMENSIONS, DEFLECTION, ANCHORAGE, REFERENCES, AND FUNCTIONAL PERFORMANCE REQUIREMENTS SHALL BE CONFIRMED WITH THE ENGINEER, AND VALIDATED BY FIELD MEASUREMENTS TO ENSURE SIZING, PERFORMANCE COMPLIANCE, AND ARCHITECTURAL INTENT.

3.) ACCEPTANCE: FINAL APPROVAL OF THESE DRAWINGS CONSTITUTES ACCEPTANCE OF ALL DEVIATIONS, IF ANY, AND ALL WORK CONTAINED HEREIN.

4.) USE: KS DRAFTING & DESIGN, LLC ASSUMES NO RESPONSIBILITY FOR THE USE OF THESE DRAWINGS BY OTHER TRADES.

5.) COMPLIANCE: ARCHITECT, ENGINEER, GENERAL CONTRACTOR, AND MISC. TRADES ARE RESPONSIBLE FOR THE SELECTION, INSTALLATION, AND ADJUSTMENT OF SYSTEMS TO ENSURE COMPLIANCE WITH ALL APPLICABLE DESIGN, ENERGY, RATING, BUILDING, AND/ OR SAFETY CODES.

6.) QUALITY CONSTRUCTION: ROUGH OPENINGS MUST BE BUILT PLUMB, SQUARE, AND LEVEL. OPENINGS MUST BE BUILT TO THE ROUGH OPENING (R.O.) SIZES SHOWN HEREIN FOR PROPER FIT.

7.) RELEASE OF LIABILITY: THESE DRAWINGS HAVE BEEN PREPARED BY KS DRAFTING & DESIGN, LLC FOR USE BY THE CUSTOMER. THE CUSTOMER AGREES TO ASSUME ALL LIABILITY AND ANY CLAIMS THAT MAY ARISE FROM THE USE OF, OR INFORMATION CONTAINED IN THESE DRAWINGS.

SHEET LIST	
SHEET	DESCRIPTION
100	COVER SHEET
200	FLOOR PLAN
201	FLOOR PLAN
202	FLOOR PLAN
203	FLOOR PLANS
204	BUILDING ELEVATION
205	BUILDING ELEVATION
206	BUILDING ELEVATIONS
207	FRAME ELEVATIONS
208	FRAME ELEVATIONS
209	FRAME ELEVATIONS
210	FRAME ELEVATIONS
211	FRAME ELEVATIONS
212	FRAME ELEVATIONS
213	FRAME ELEVATIONS
214	FRAME ELEVATIONS
400	DETAILS
401	DETAILS
402	DETAILS
403	DETAILS
404	DETAILS
405	DETAILS
406	DETAILS
407	DETAILS
408	DETAILS
409	DETAILS

DOOR SCHEDULE					
DOOR #	DOOR WIDTH	DOOR HEIGHT	ACTIVE LEAF	TYPE	HARWDARE
101	7'-0"	8'-0"	OUTSWING	PAIR	8.0
101A	7'-0"	8'-0"	OUTSWING	PAIR	1.0
179.1	3'-0"	7'-0"	OUTSWING	ALL GLASS SINGLE	8.1
179.2	3'-0"	7'-0"	OUTSWING	ALL GLASS SINGLE	8.1
DOOR HARDWARE UNDER SEPARATE SUBMITTAL					

PROJECT TITLE:

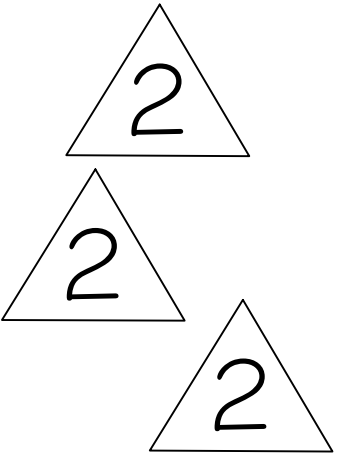
PENNOVATION MAIN LAB
BASE BUILDING

PROJECT ADDRESS:

3401 GRAYS FERRY AVENUE
PHILADELPHIA, PA 19146

GLASS SCHEDULE			
MARK	GLAZING DESCRIPTION AND MAKEUP		NOTES
IGU-1	DESCRIPTION	1" INSULATED UNIT:	
	OUTBOARD:	1/4" CLEAR, LOW-E ON #2 SURFACE, TEMPERED	
	AIRSPACE:	1/2" AIR SPACER	
	INBOARD:	1/4" CLEAR, TEMPERED	
IGU-2	DESCRIPTION	1" INSULATED SPANDREL UNIT:	
	OUTBOARD:	1/4" CLEAR, LOW-E ON #2 SURFACE, TEMPERED	
	AIRSPACE:	1/2" AIR SPACER	
	INBOARD:	1/4" CLEAR, SPANDREL FRIT ON #4 SURFACE, TEMPERED	
G-1	DESCRIPTION	8/16" CLEAR, LAMINATED	
G-2	DESCRIPTION	1/2" CLEAR, TEMPERED	
GR-1	DESCRIPTION	90-MINUTE FIRE-RATED GLASS	
GR-2	DESCRIPTION	45-MINUTE FIRE-RATED GLASS	
MIR	DESCRIPTION	1/4" CLEAR ANNEALED MIRROR W/ REGULAR EDGE POLISH	

MATERIAL SCHEDULE					
PRODUCT TYPE	MANUFACTURER	SYSTEM	PROFILE DIMENSIONS	DESCRIPTION	FINISH
CURTAINWALL	TUBELITE	400TU	2-1/2" X 7-1/2"	THERMAL, CAPTURED, SHEAR BLOCK	CLASS I CLEAR ANODIZED
EXTERIOR STOREFRONT	TUBELITE	TU24000	2" X 4-1/2"	ULTRA THERMAL, CENTER SET, INSIDE GLAZED, SCREW SPLINE, EXTENDED FACE COVER WHERE SHOWN	CLASS I CLEAR ANODIZED
STOREFRONT DOORS	TUBELITE	THERMAL BLOCK MEDIUM STILE	1-3/4" THICK	10" BOTTOM RAIL, 3-1/2" STILES/TOP-RAIL	CLASS I CLEAR ANODIZED
CAULKING AT THE PERIMETER OF THE ALUMINUM FRAMES					
ALUMINUM J-CHANNEL AT SILL OF MIRRORS. MIRRORS ADHERED TO WALL WITH MASTIC.					
SILL FLASHING & BRAKE METAL CLOSURE AS SHOWN ON SHOP DRAWING DETAILS					
ALUMINUM BACKPAN AT SPANDREL AREAS					



NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAYS FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:
COVER SHEET

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

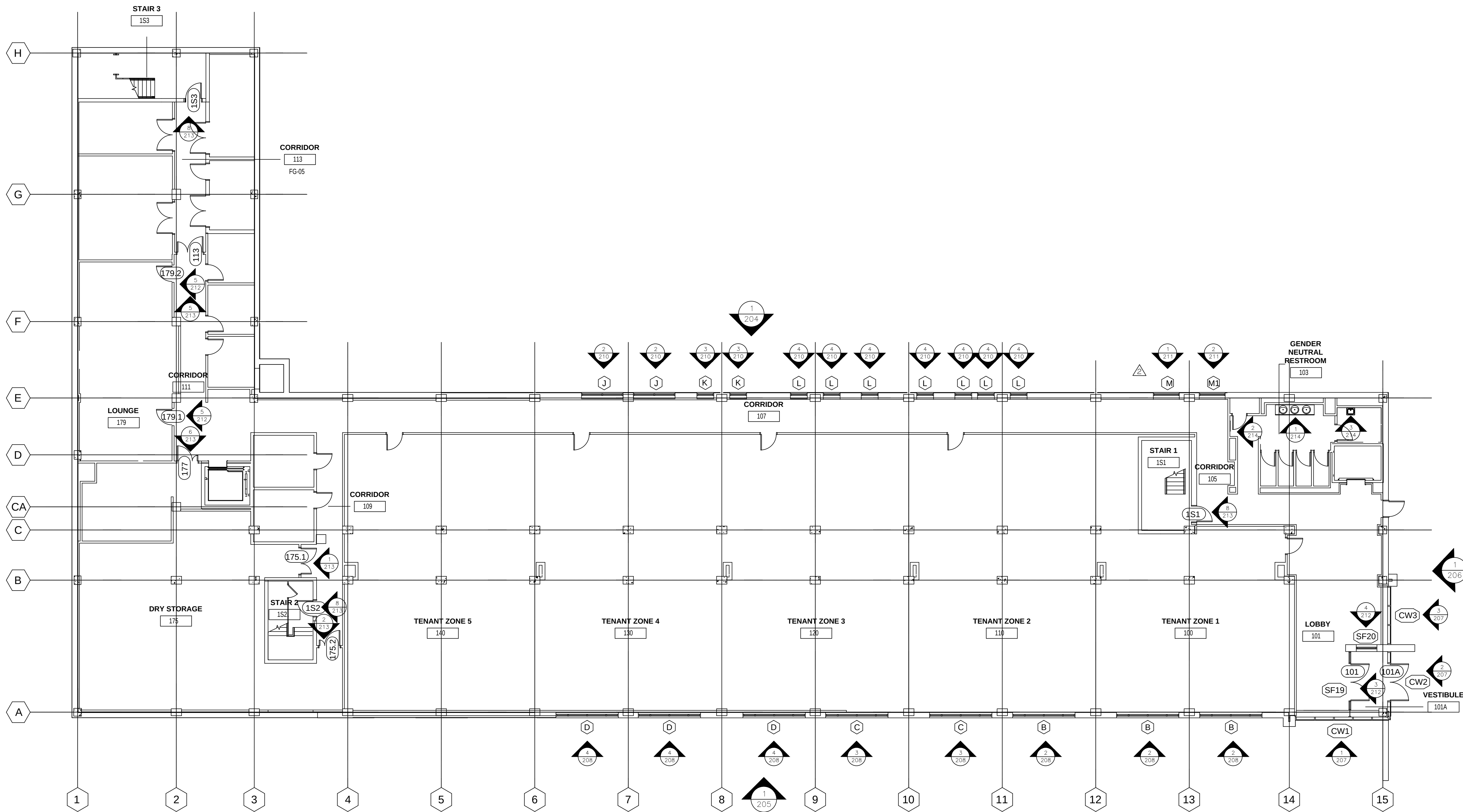
ENGINEER:

DRAWN BY:
JAMES LUPICA

CHECKED BY:
KYLE SCHNECK

DATE:
01/15/2020

SHEET:
100



1 FIRST FLOOR PLAN
ARCH. REF.: 1/A101

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
PENOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:
FLOOR PLAN

GLASS CONTRACTOR:

DRAWN BY:
KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	200
DATE: 01/15/2020	

NO.	REVISION, /ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:

FLOOR PLAN

GLASS CONTRACTOR:

DRAWIN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

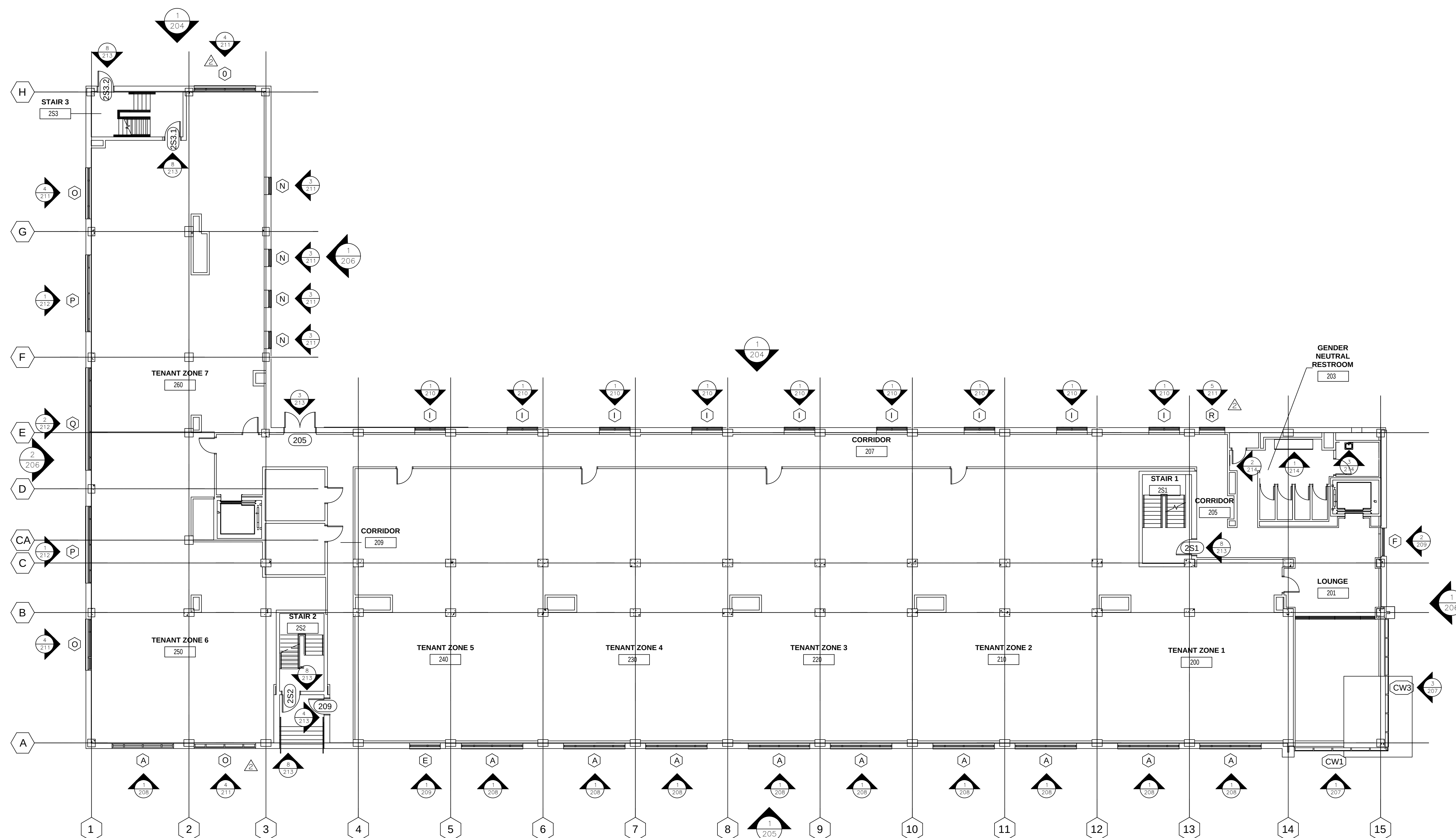
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JAMES LUPICA

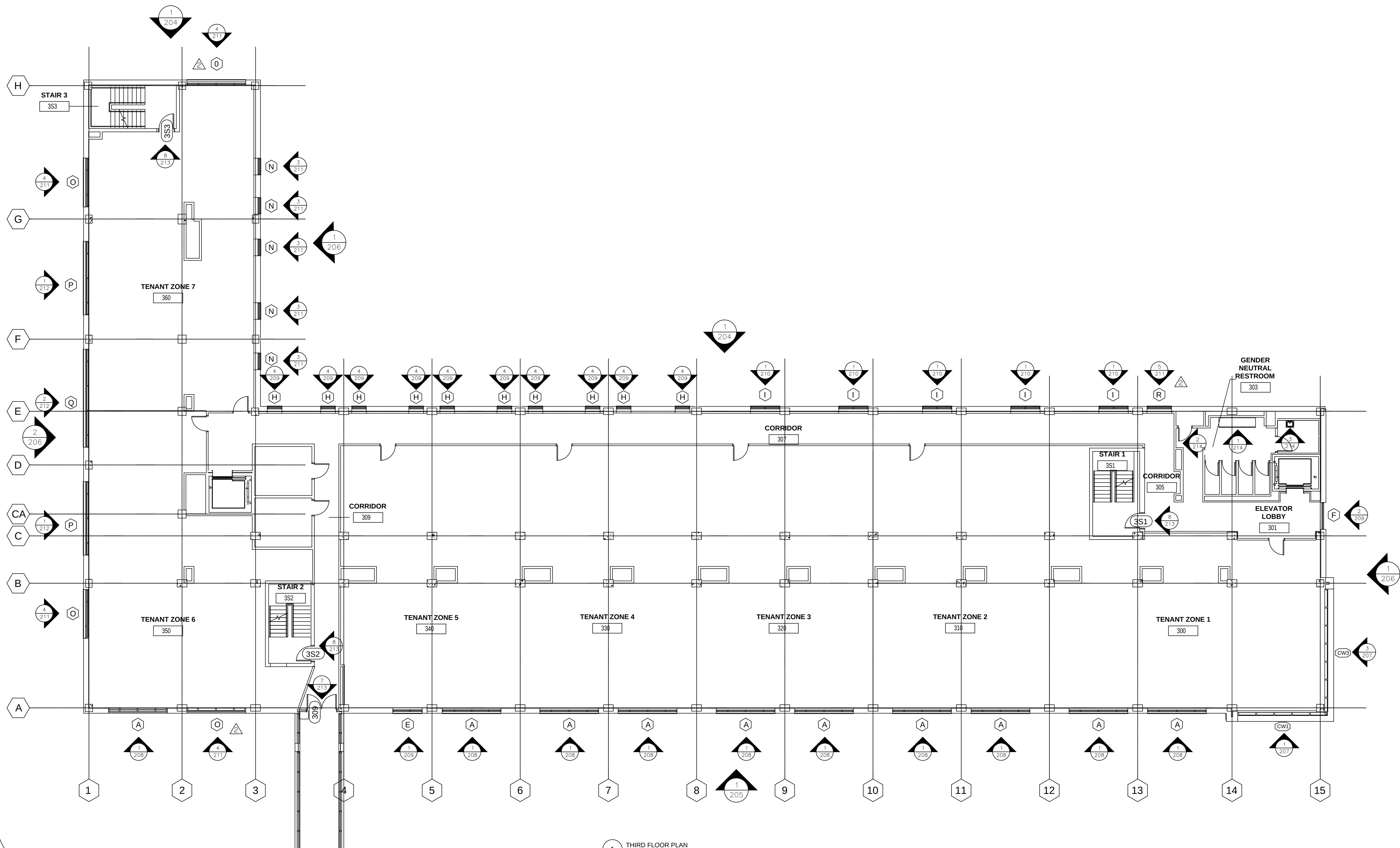
CHECKED BY:
KYLE SCHNECK

DATE:
01/15/2020

	SHEET:
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201





1 THIRD FLOOR PLAN
ARCH. REF.: 1/A103

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION: PENOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: FLOOR PLAN
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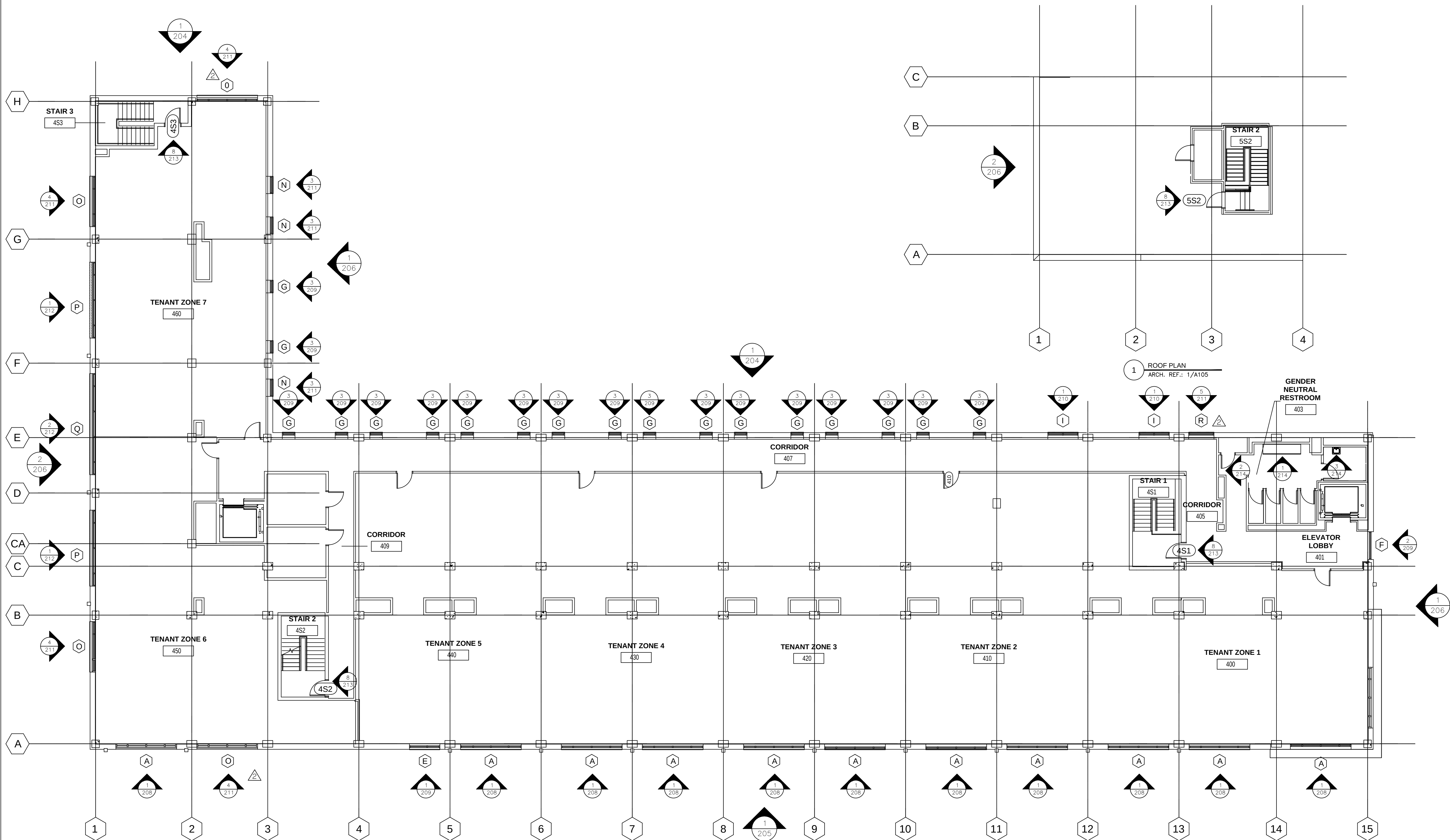
GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	202
DATE: 01/15/2020	



1 FOURTH FLOOR PLAN
ARCH. REF.: 1/A104

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
PENOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:
FLOOR PLAN

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

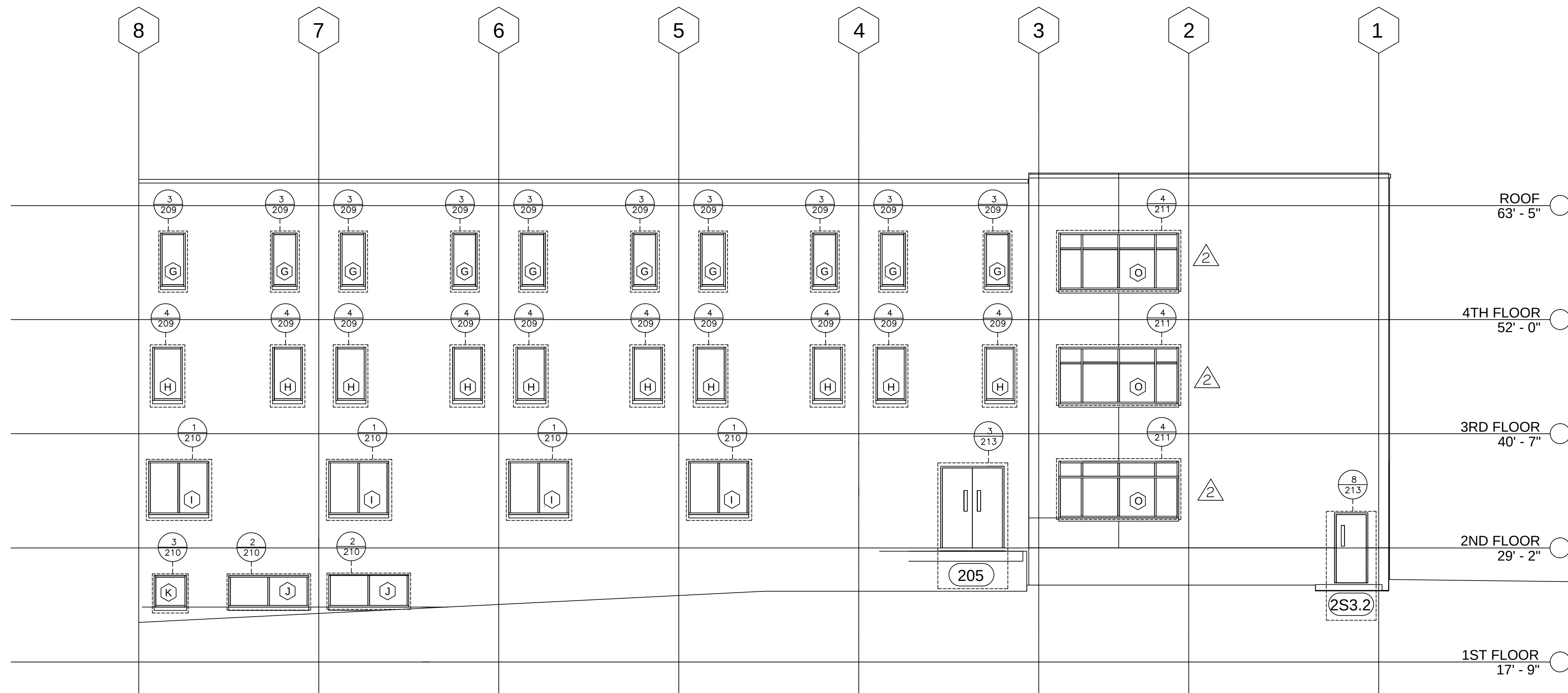
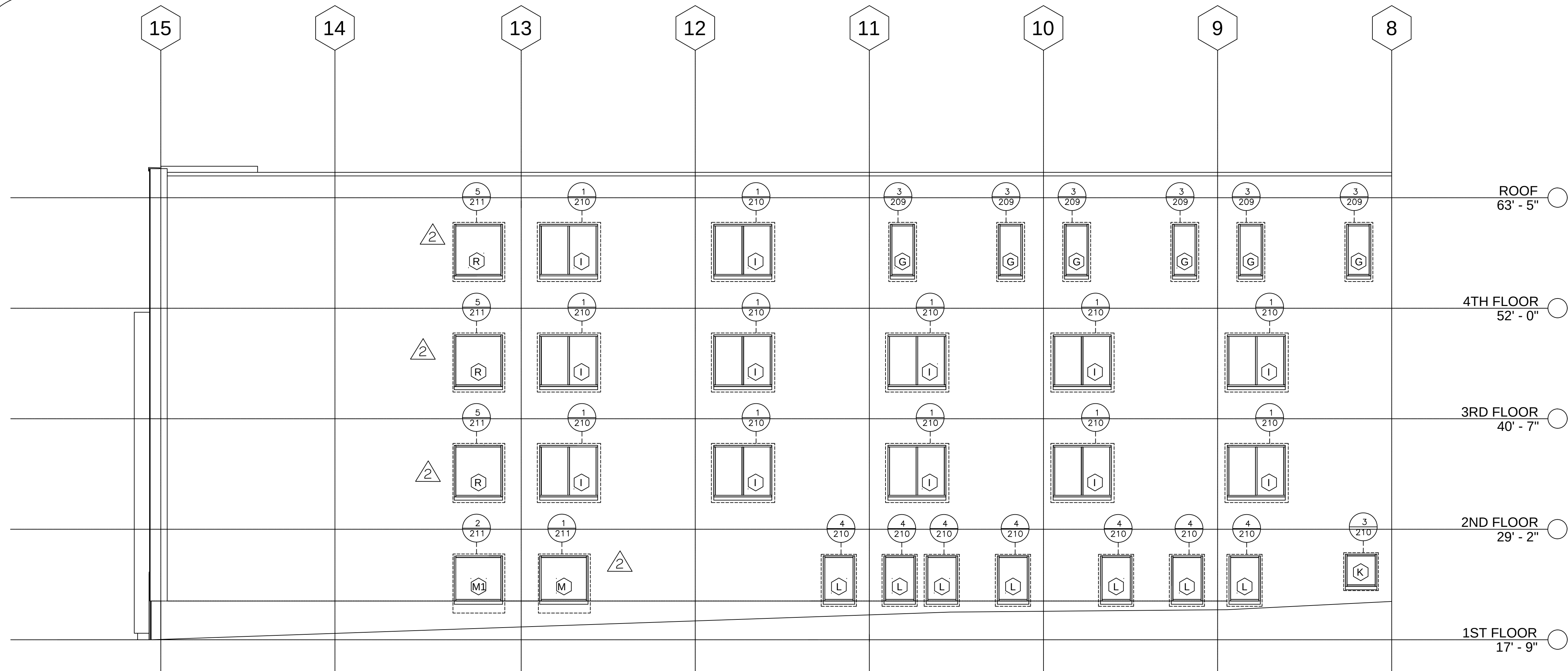
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ENGINEER:

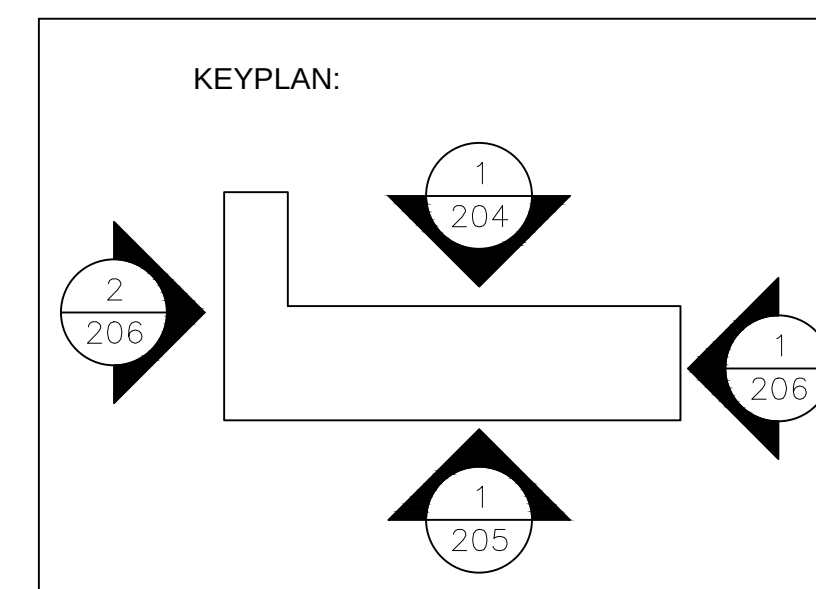
DRAWN BY:
JAMES LUPICA
CHECKED BY:
KYLE SCHNECK
DATE:
01/15/2020

SHEET:

203



1 ELEVATION
ARCH. REF.: 2/A300



NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION: PENOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: BUILDING ELEVATION
--	------------------------------------

GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	204
DATE: 01/15/2020	

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:
BUILDING ELEVATION

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

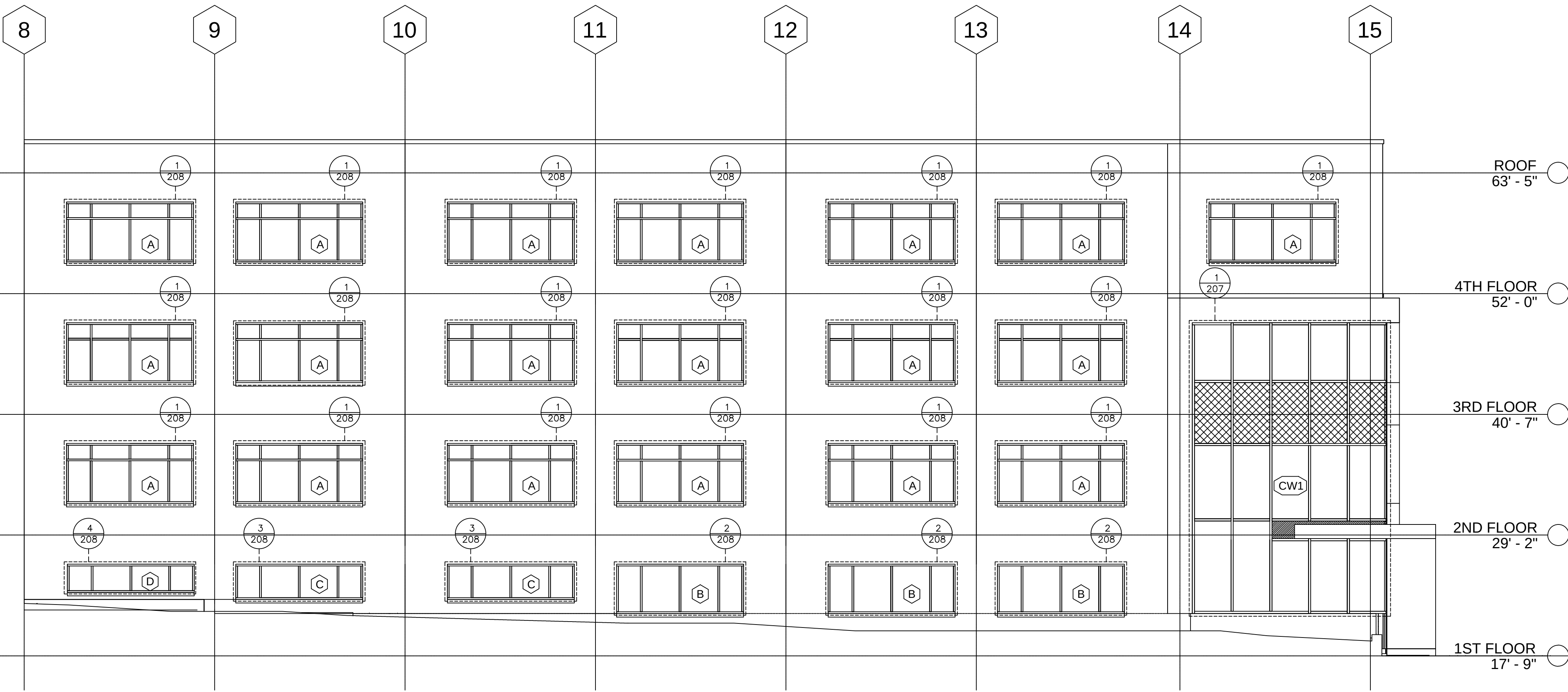
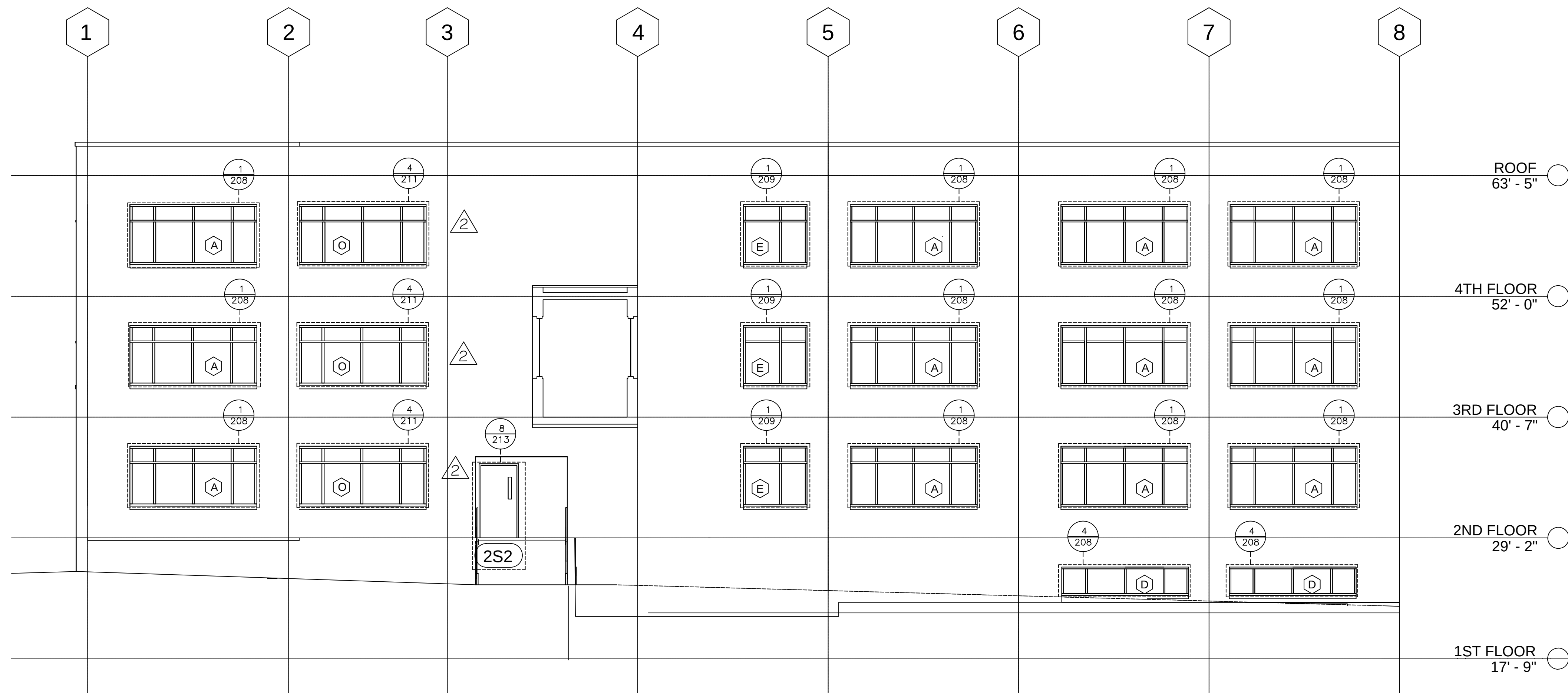
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ENGINEER:

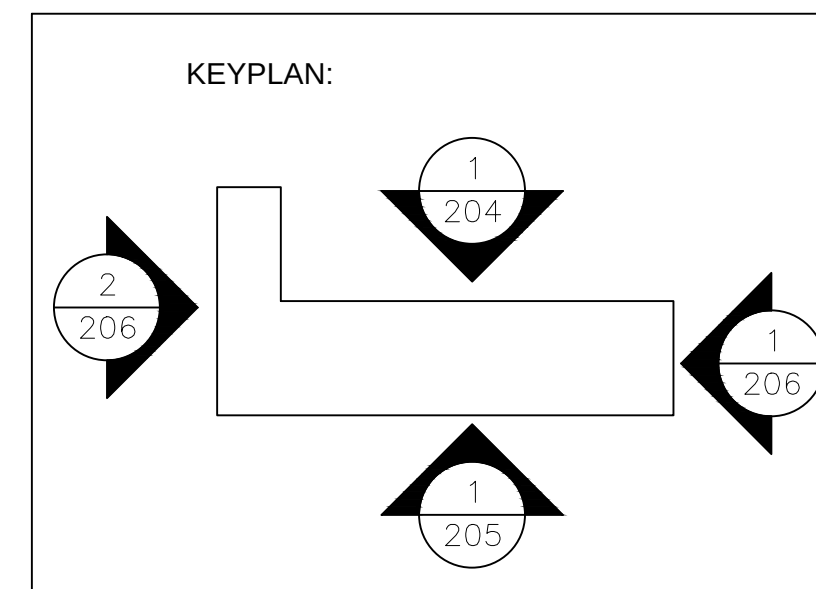
DRAWN BY:
JAMES LUPICA
CHECKED BY:
KYLE SCHNECK
DATE:
01/15/2020

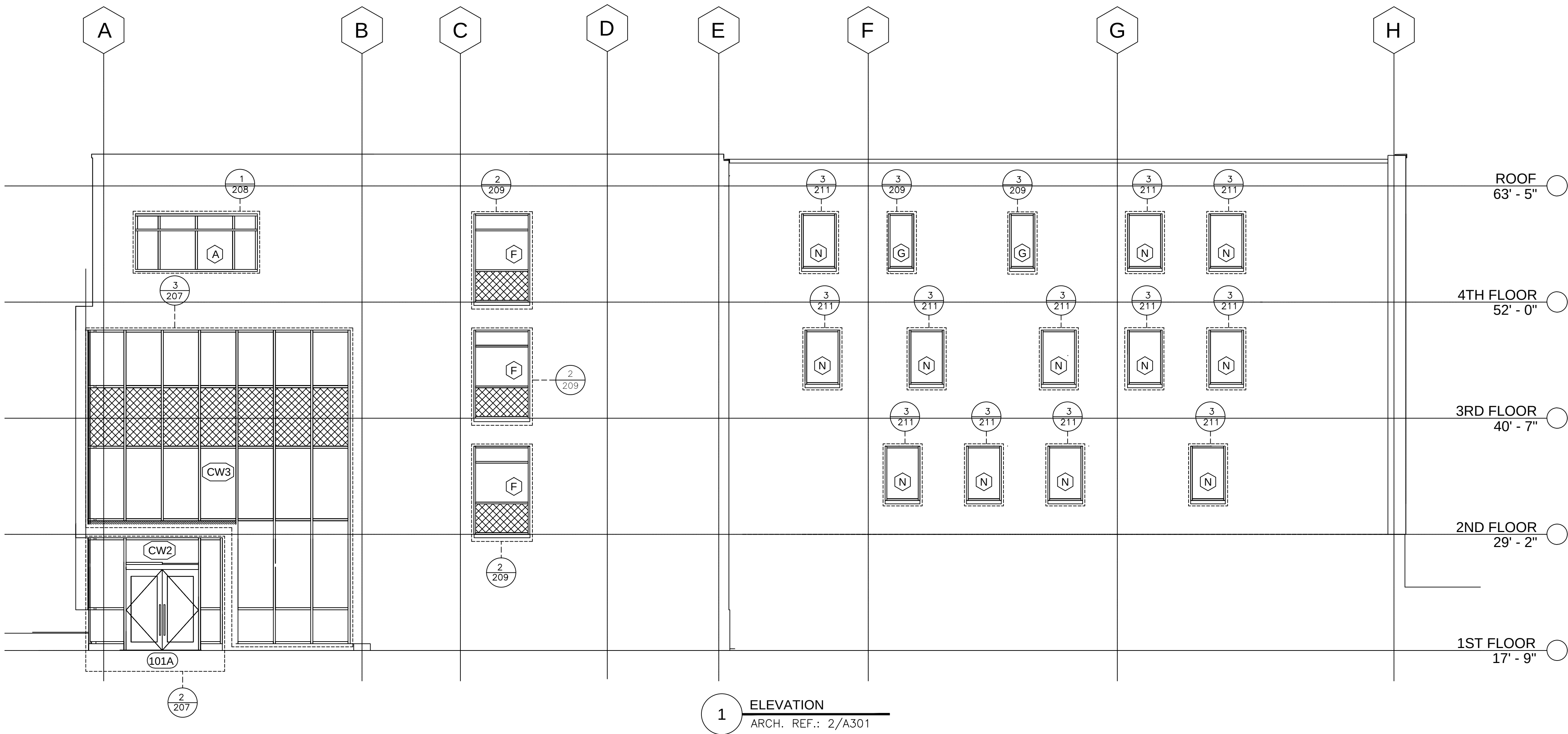
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205

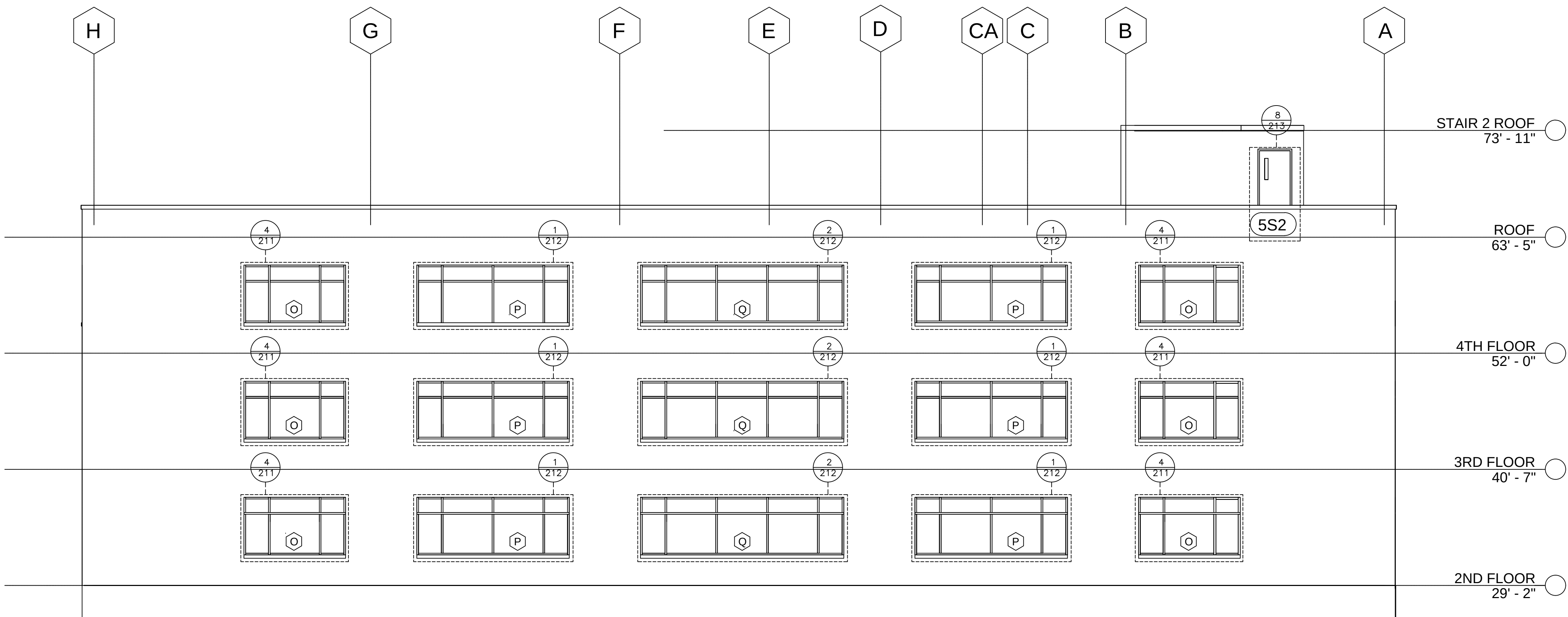


1 ELEVATION
ARCH. REF.: 1/A300

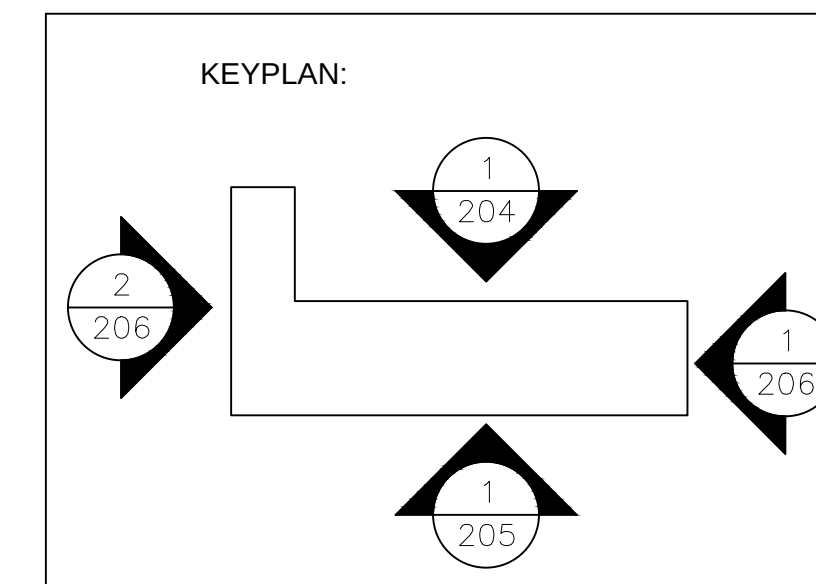




1 ELEVATION
ARCH. REF.: 2/A301



2 ELEVATION
ARCH. REF.: 1/A301



NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION:

PENNOVATION MAIN LAB
BASE BUILDING

3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:

BUILDING ELEVATIONS

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	206
DATE: 01/15/2020	

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE: FRAM

GLASS CONTRACTOR:

DRAWIN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

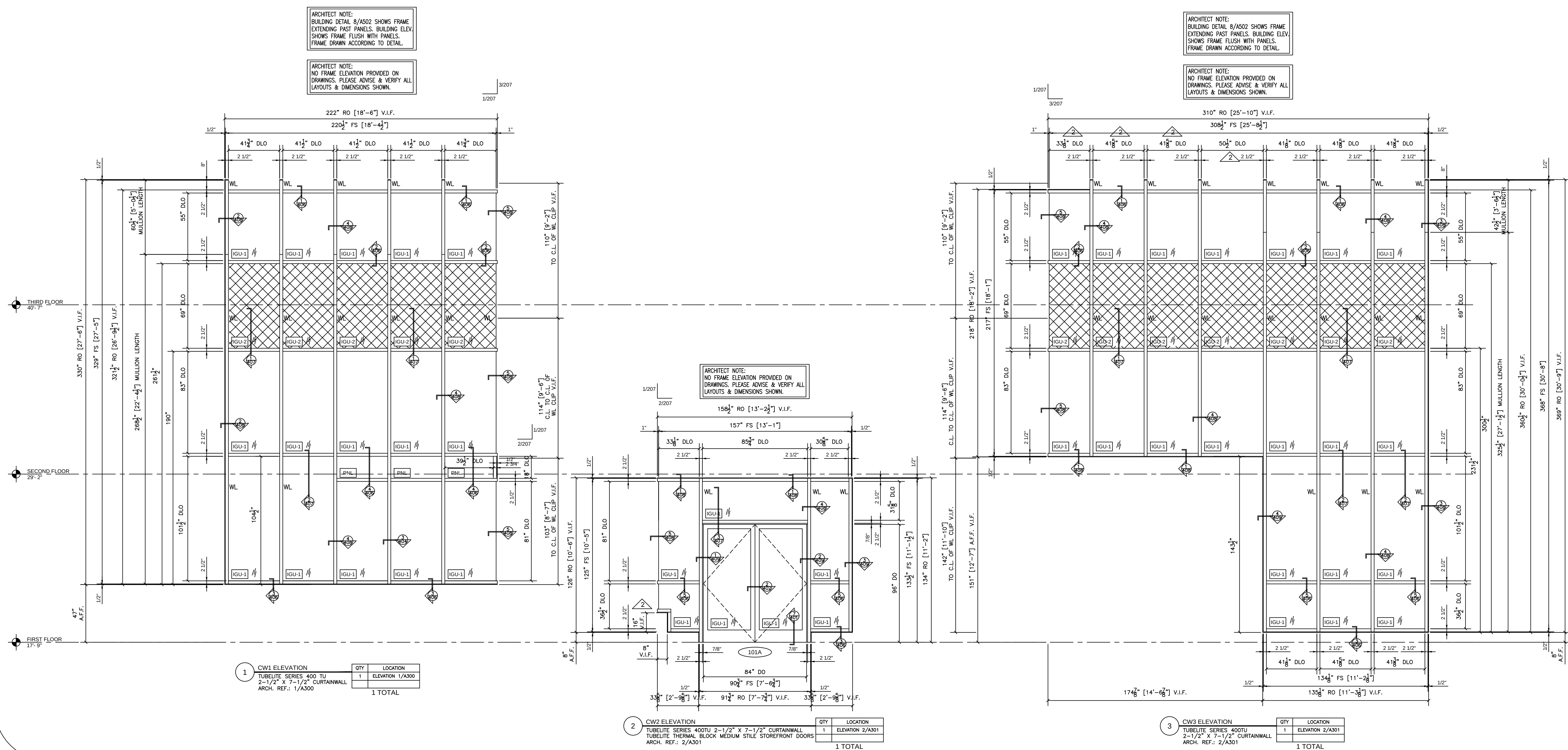
DRAWN BY:
JAMES LUPICA

CHECKED BY:
KYLE SCHNECK

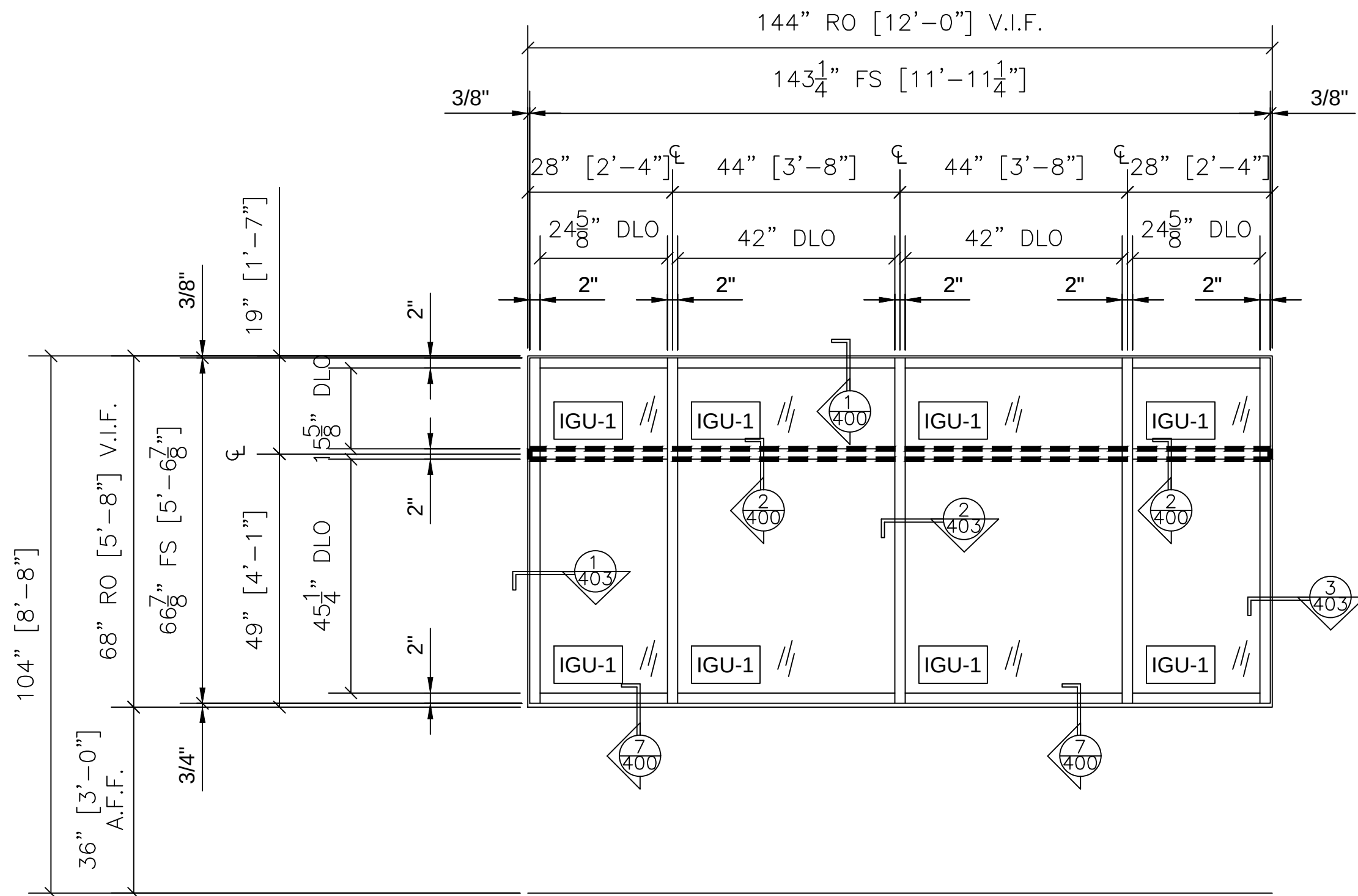
DATE:
02/04/2020

SHEET:

207



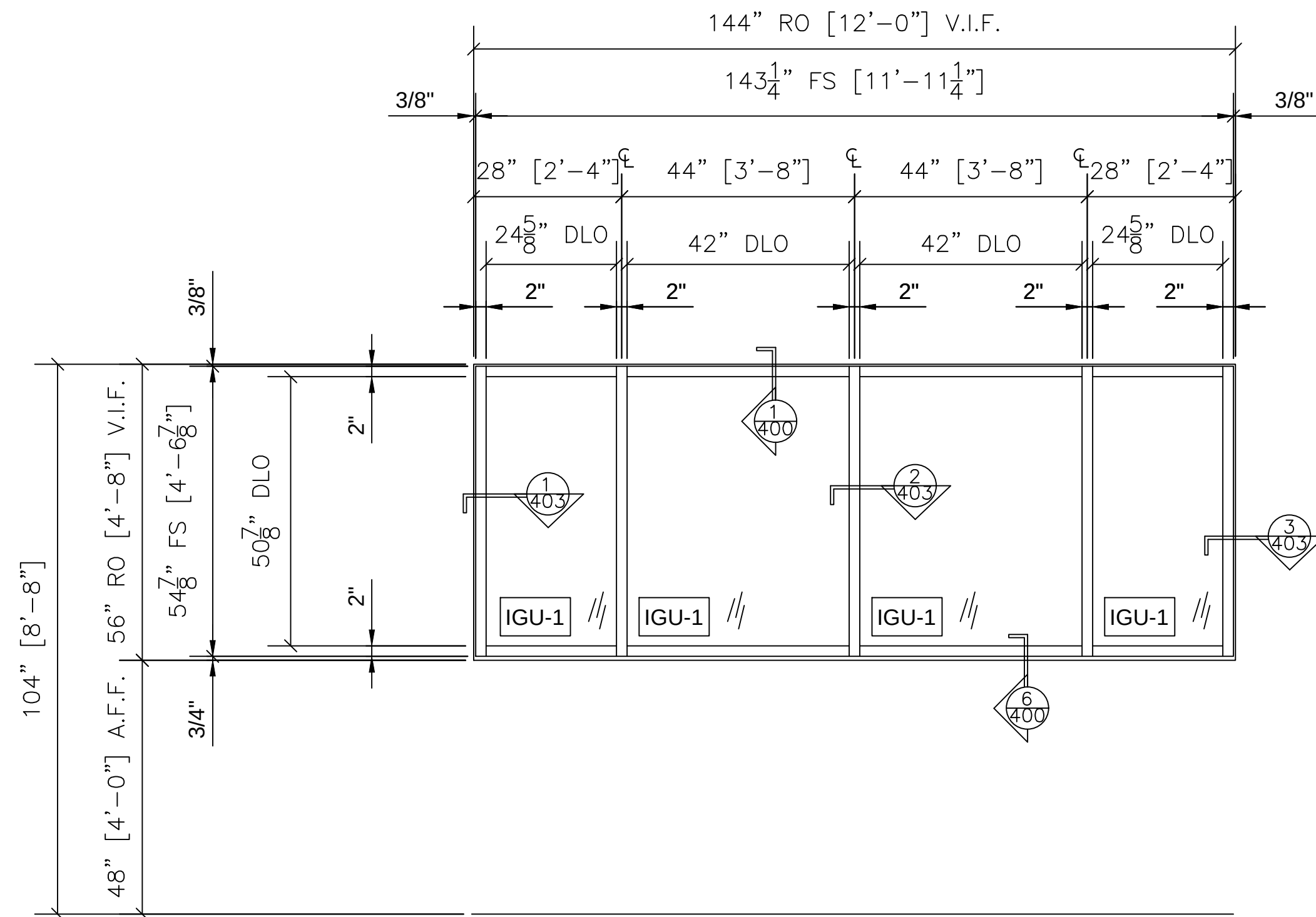
ARCHITECT NOTE:
EXTENDED FACE COVER SHOWN DASHED



1 WINDOW TYPE A (SF10) ELEVATION

QTY	LOCATION
31	ELEVATION 1/A300
1	ELEVATION 2/A301

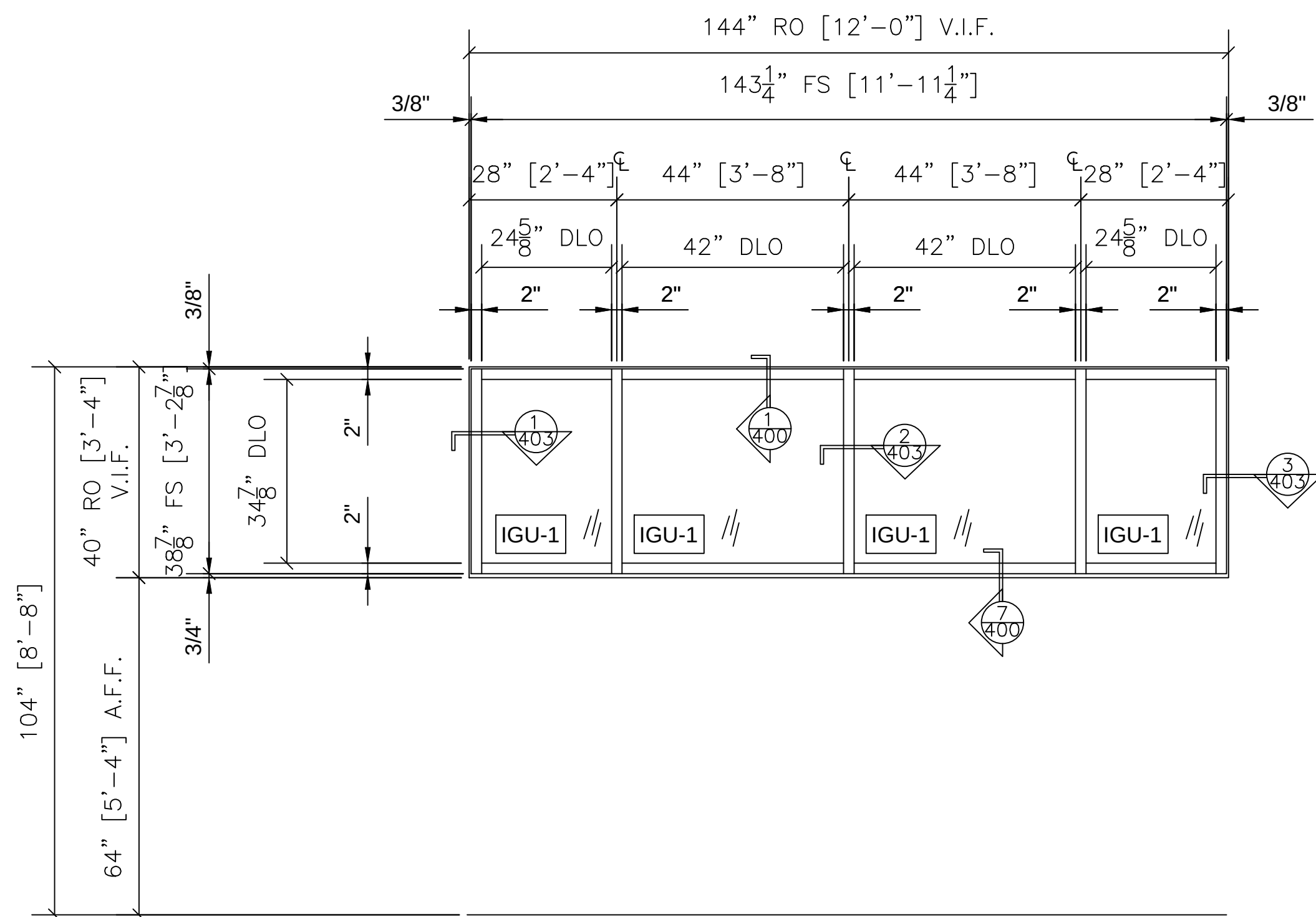
32 TOTAL



2 WINDOW TYPE B (SF14) ELEVATION

QTY	LOCATION
3	ELEVATION 1/A300

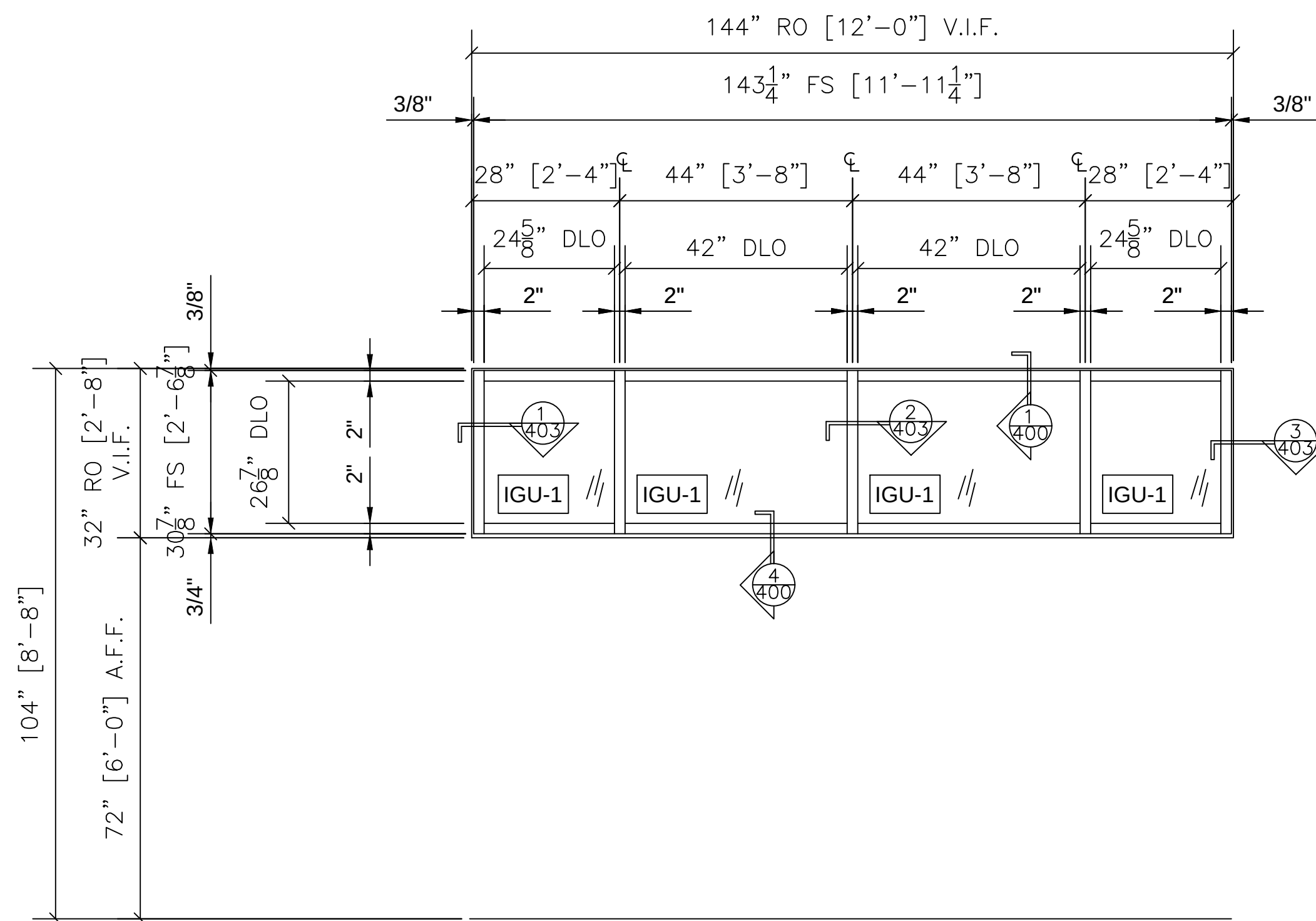
3 TOTAL



3 WINDOW TYPE C (SF13) ELEVATION

QTY	LOCATION
2	ELEVATION 1/A300

2 TOTAL



4 WINDOW TYPE D (SF12) ELEVATION

QTY	LOCATION
3	ELEVATION 1/A300

3 TOTAL

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:	FRAME ELEVATIONS
PENNOVATION MAIN LAB BASE BUILDING	
3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	
SHEET TITLE:	

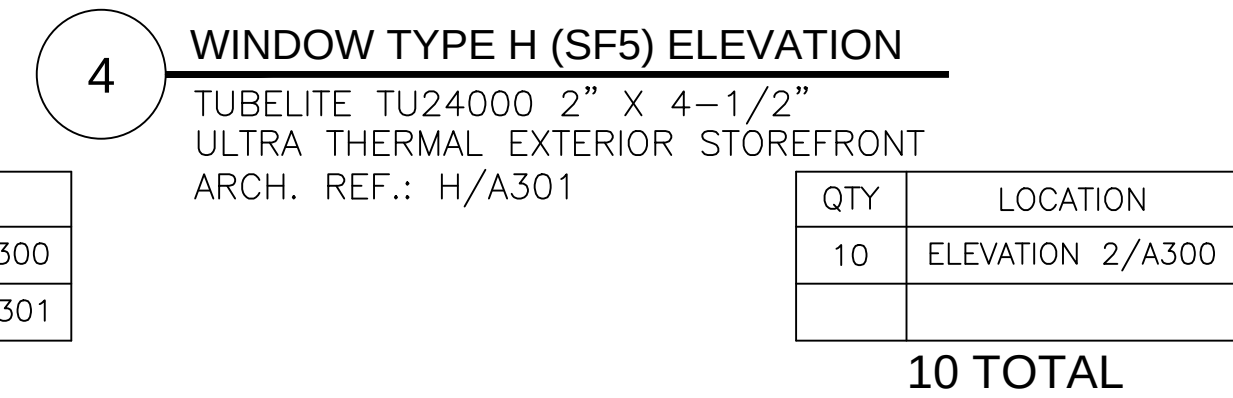
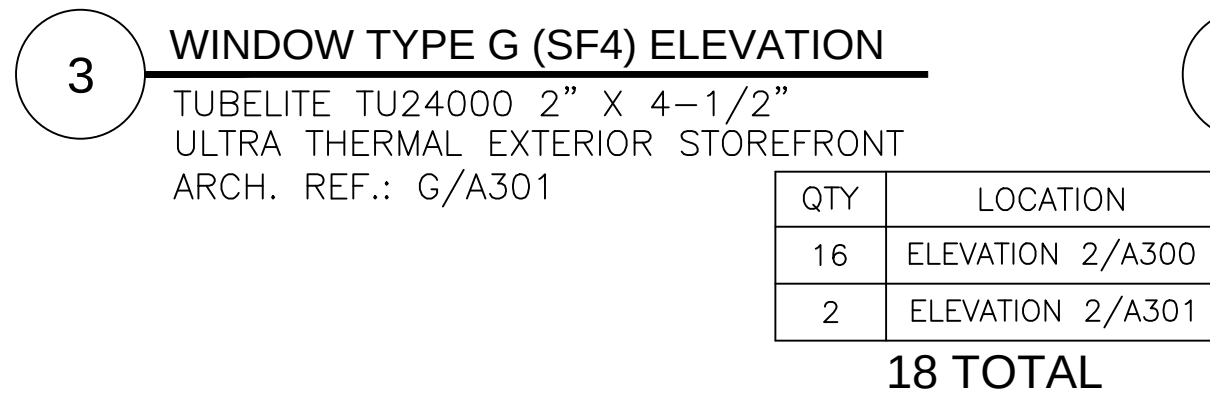
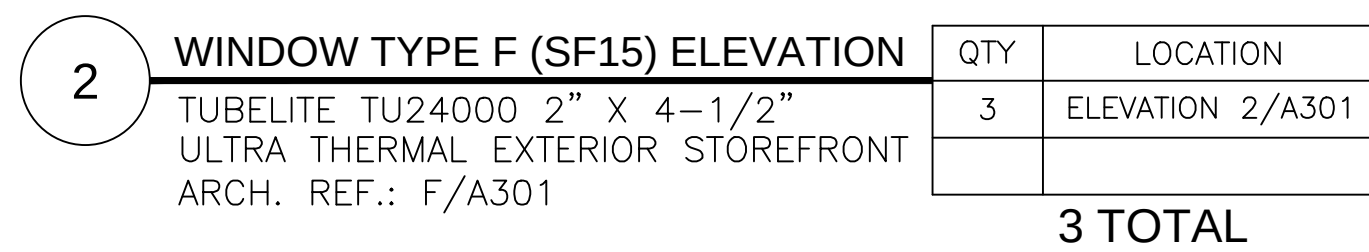
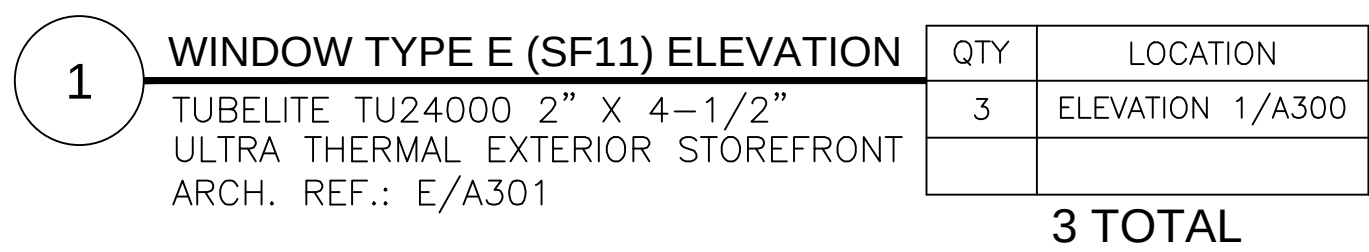
GLASS CONTRACTOR:

DRAWN BY:
KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	208
DATE: 01/15/2020	



NO.	REVISION /ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:

FRAME ELEVATIONS

GLASS CONTRACTOR:

DRAWIN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

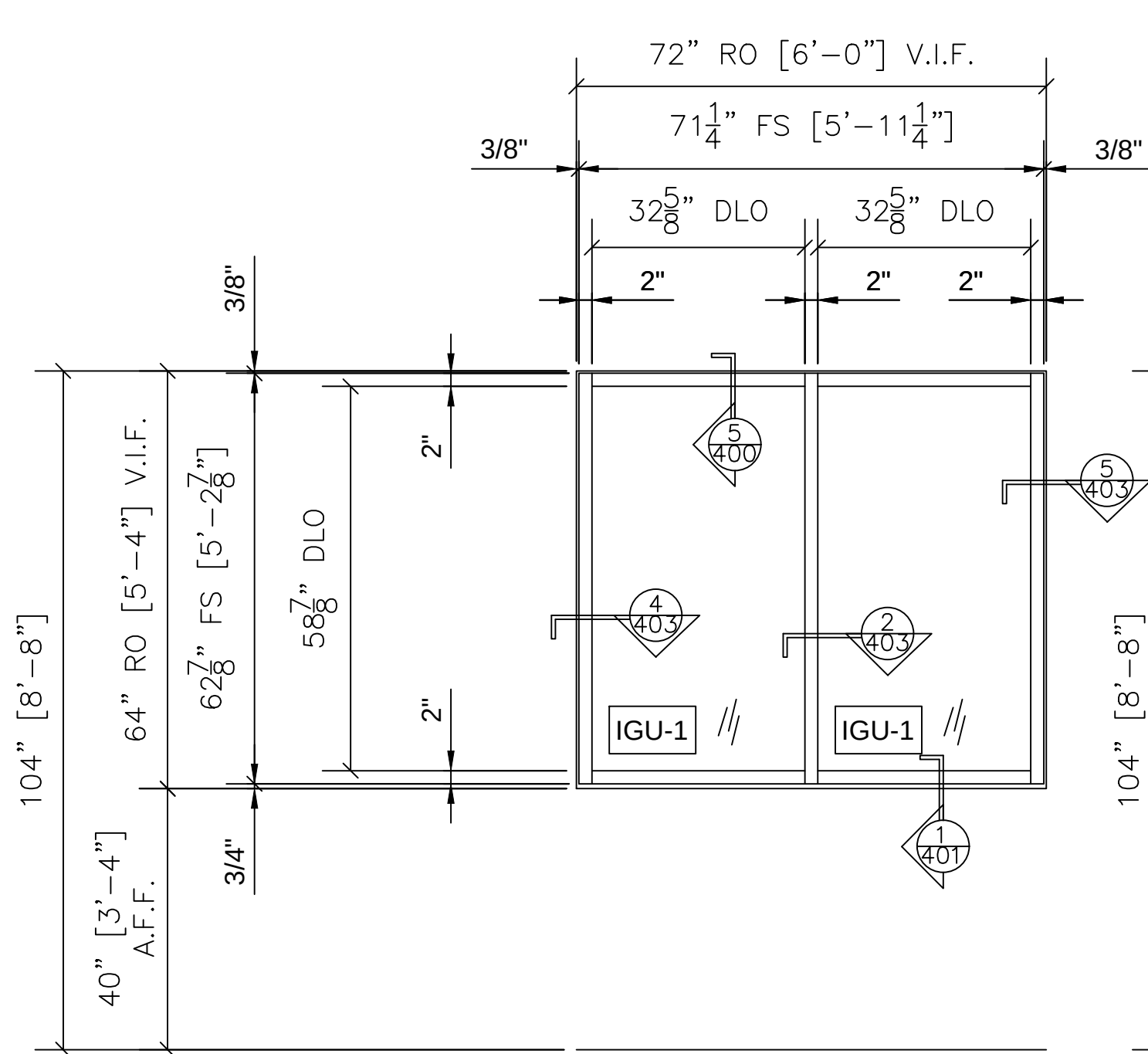
ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA
CHECKED BY: KYLE SCHNECK
DATE: 01/15/2020

SHEET:

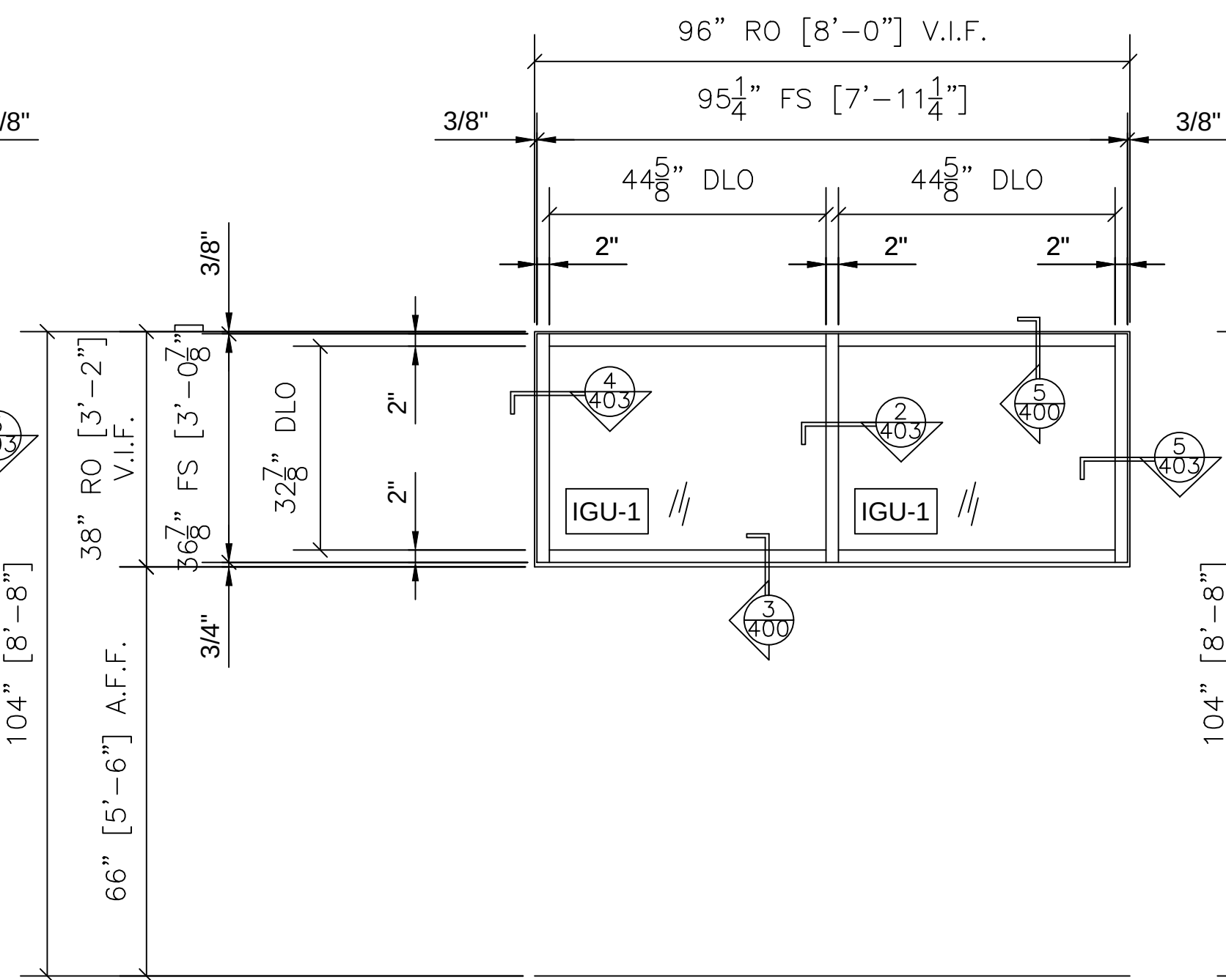
209



1 WINDOW TYPE I (SF3) ELEVATION

TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: I/A301

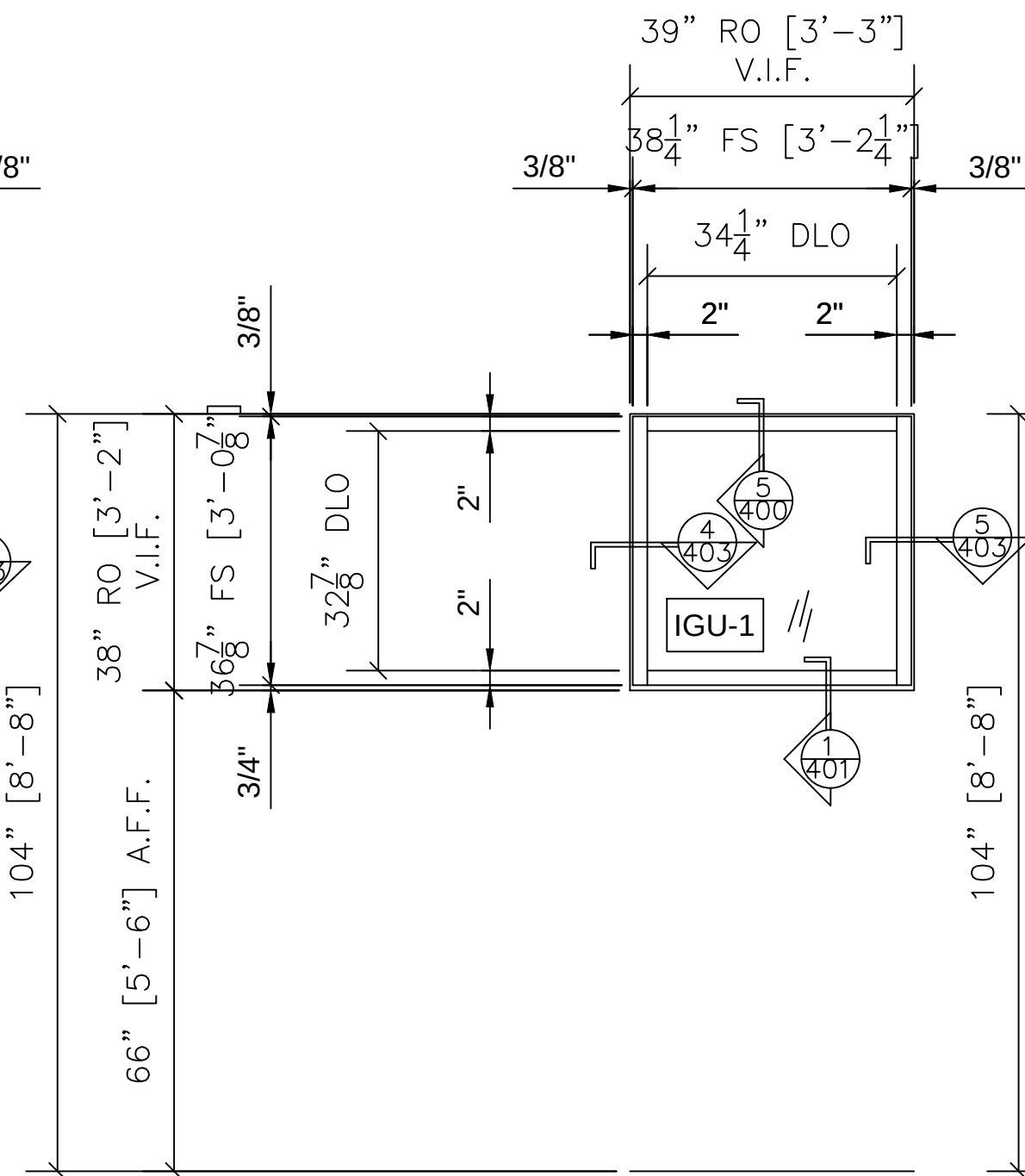
QTY	LOCATION
16	ELEVATION 2/A300
16 TOTAL	



2 WINDOW TYPE J (SF9) ELEVATION

TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: J/A301

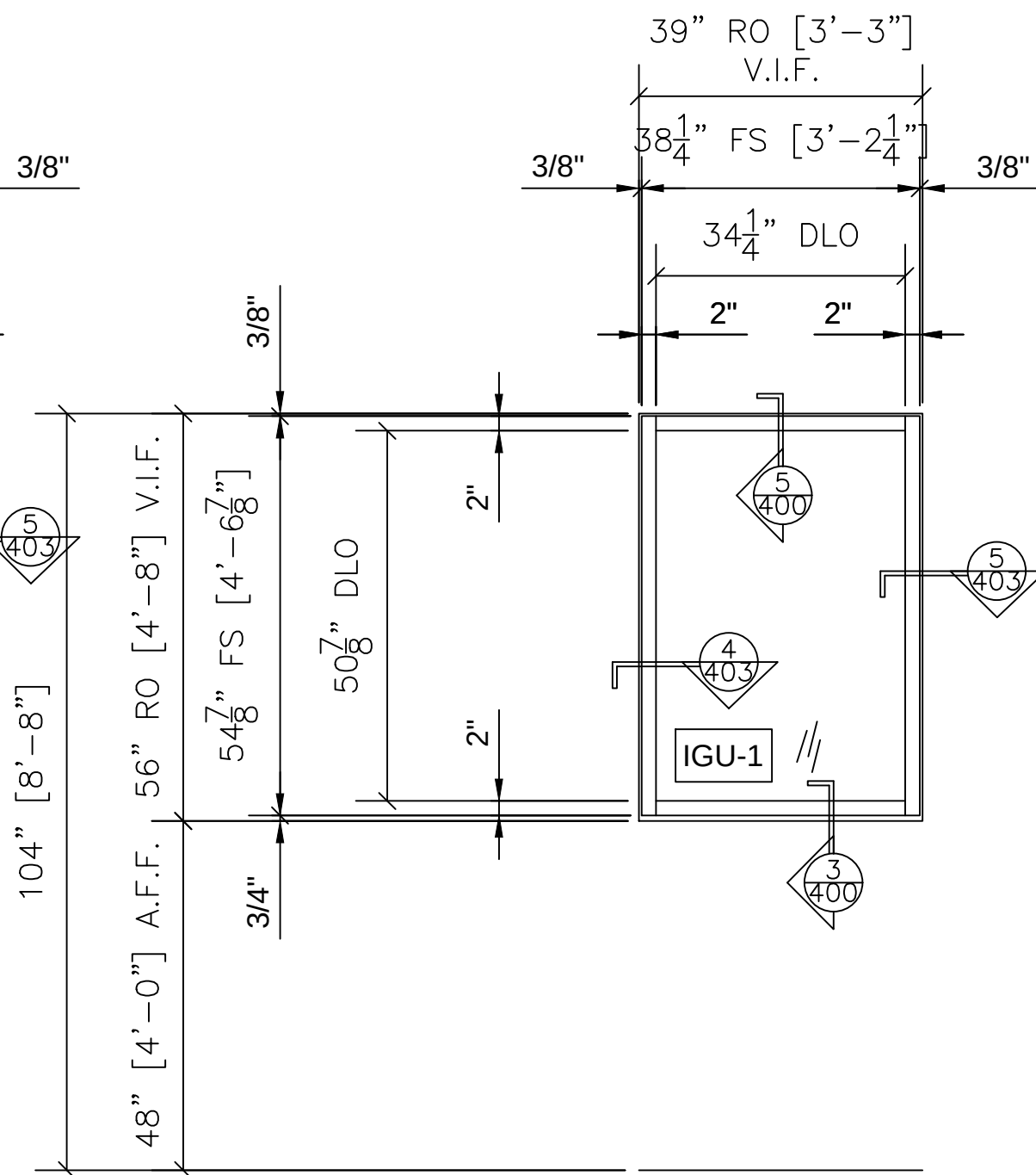
QTY	LOCATION
2	ELEVATION 2/A300
2 TOTAL	



3 WINDOW TYPE K (SF8) ELEVATION

TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: K/A301

QTY	LOCATION
3	ELEVATION 2/A300
3 TOTAL	



4 WINDOW TYPE L (SF7) ELEVATION

TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: L/A301

QTY	LOCATION
6	ELEVATION 2/A300
6 TOTAL	

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: FRAME ELEVATIONS
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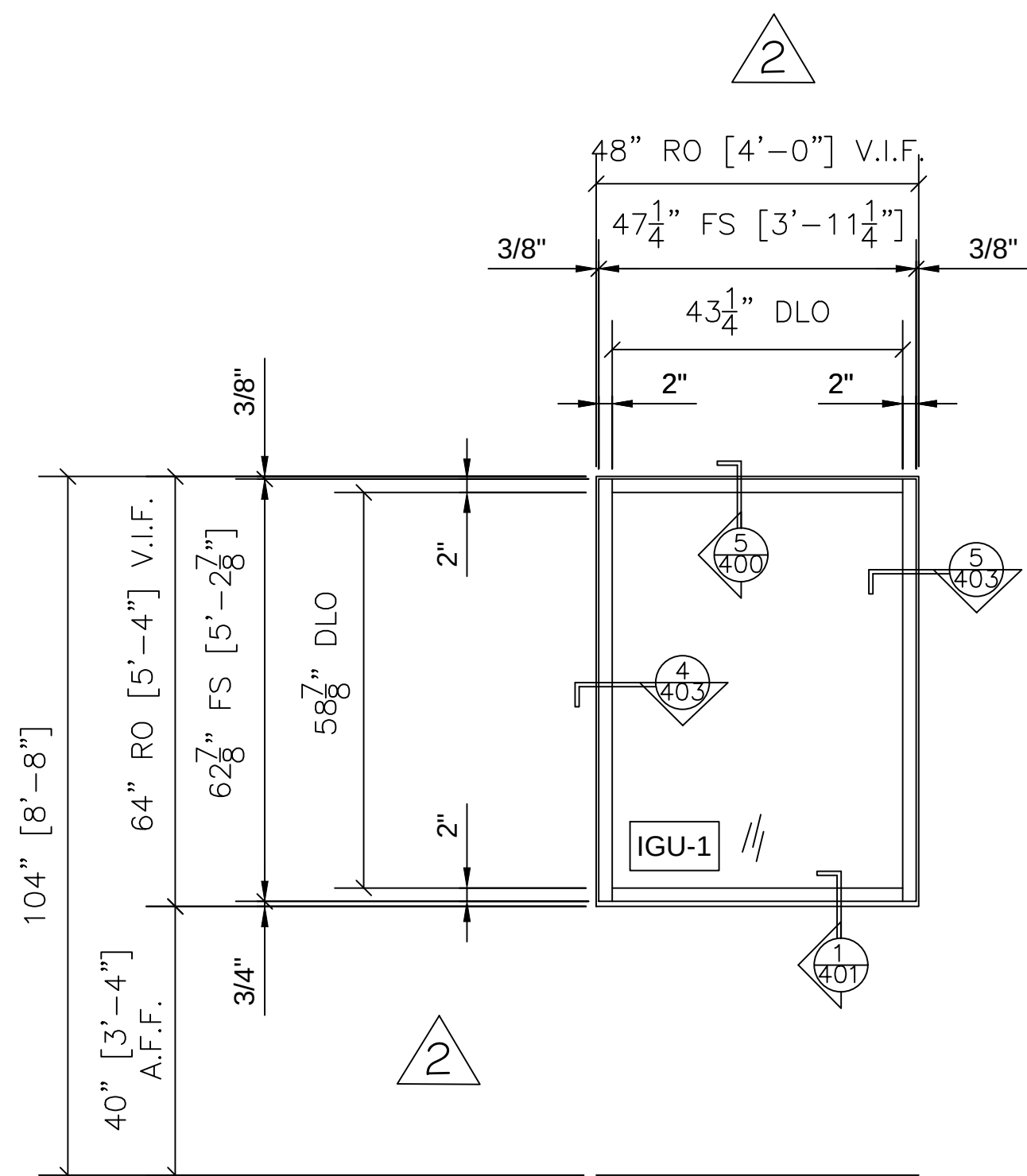
GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

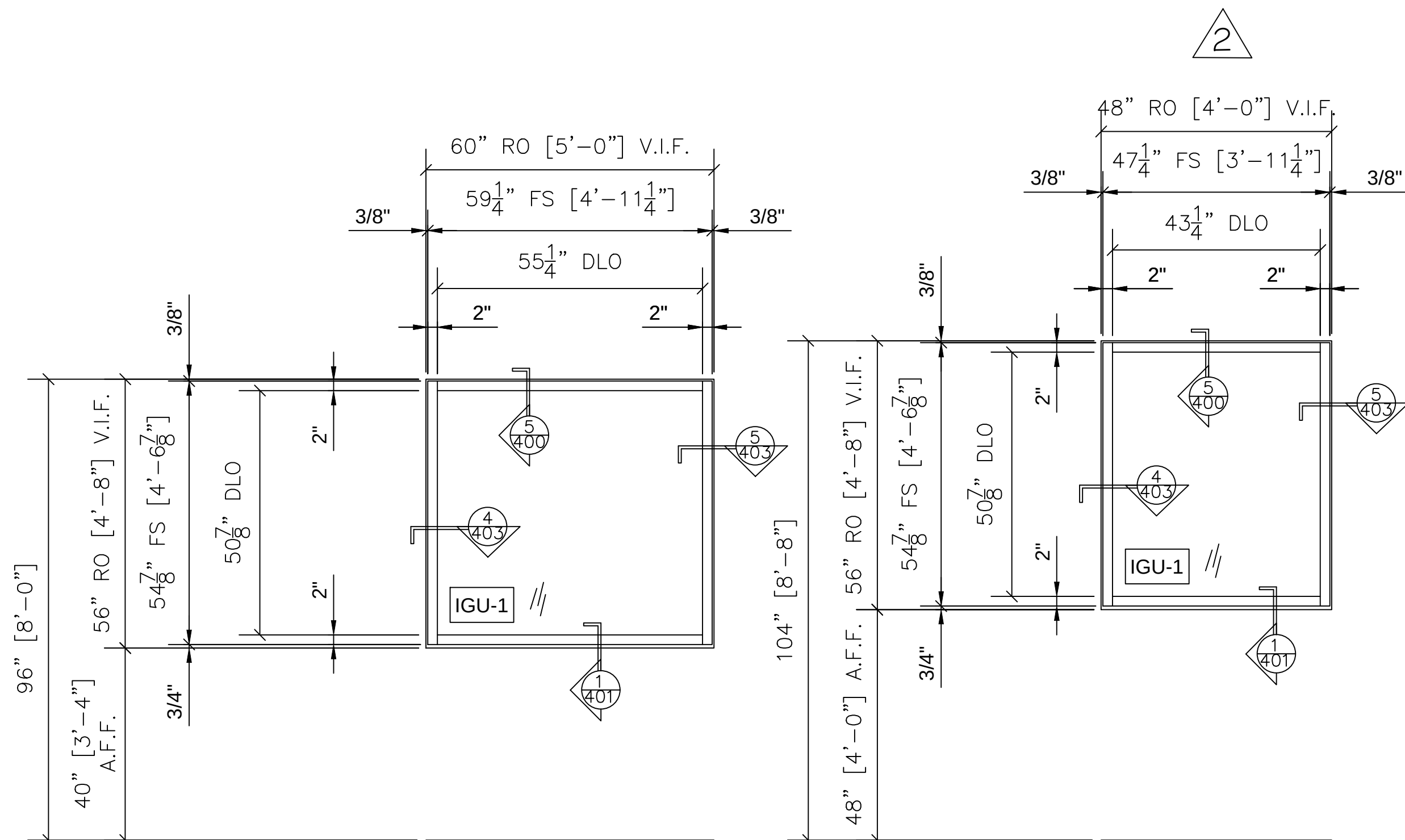
DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	210
DATE: 01/15/2020	



5 WINDOW TYPE R ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: R/A301

QTY	LOCATION
3	ELEVATION 2/A300

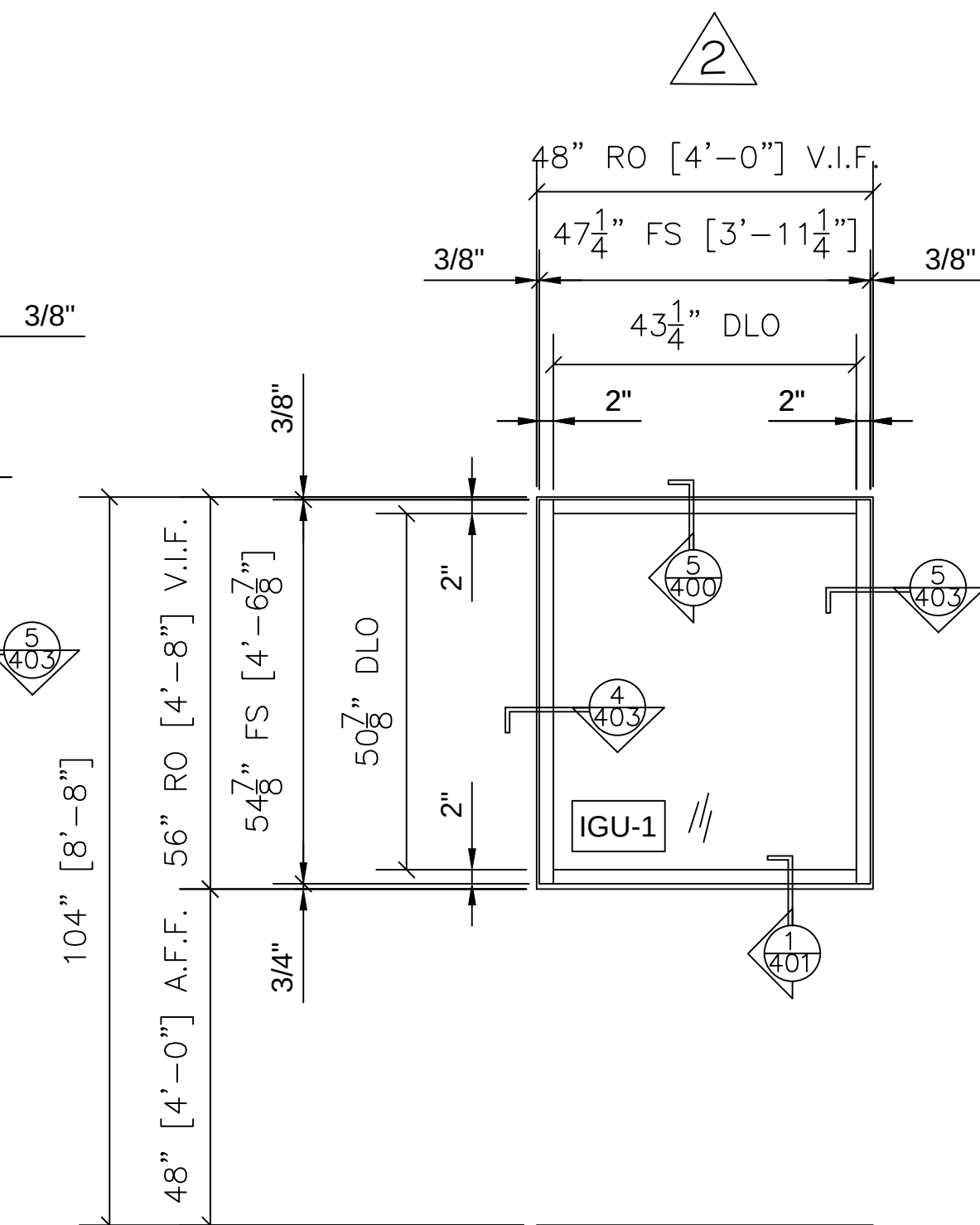
3 TOTAL



1 WINDOW TYPE M (SF1) ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: M/A301

QTY	LOCATION
1	ELEVATION 2/A300

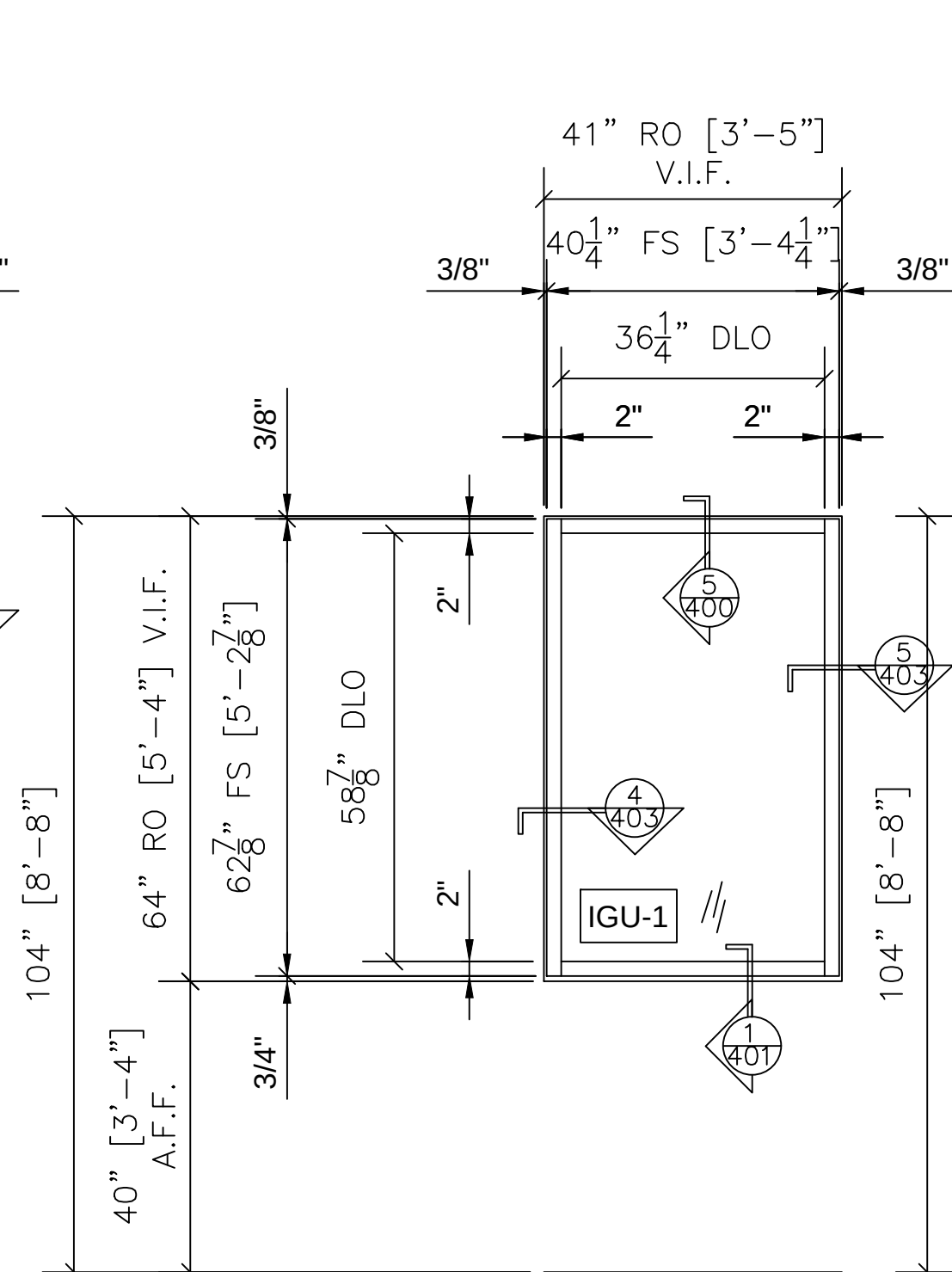
1 TOTAL



2 WINDOW TYPE M1 (SF2) ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: M1/A301

QTY	LOCATION
1	ELEVATION 2/A300

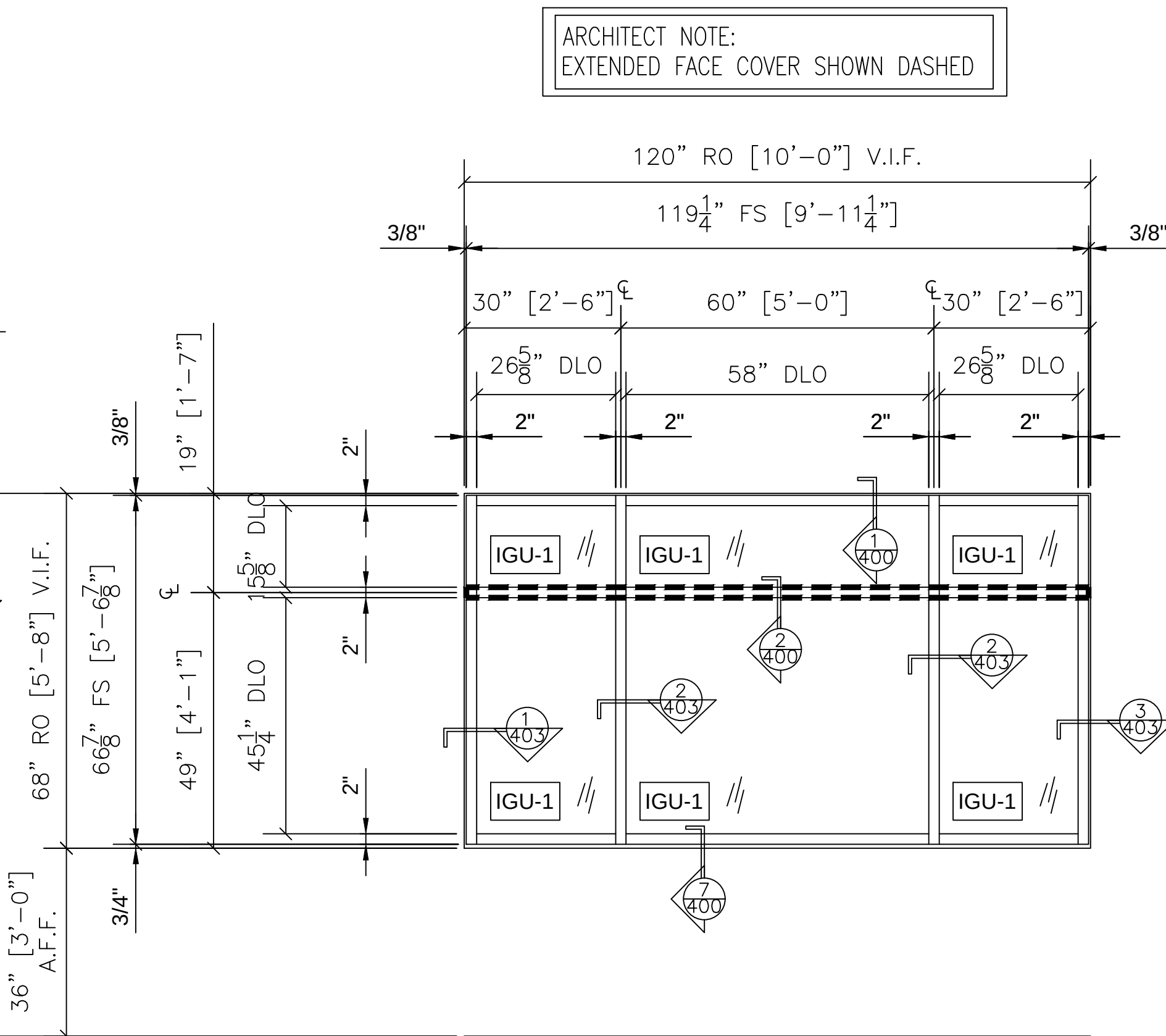
1 TOTAL



3 WINDOW TYPE N (SF6) ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: N/A301

QTY	LOCATION
12	ELEVATION 2/A301

12 TOTAL



ARCHITECT NOTE:
EXTENDED FACE COVER SHOWN DASHED

4 WINDOW TYPE O (SF16) ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: O/A301

QTY	LOCATION
6	ELEVATION 1/A301
3	ELEVATION 2/A300
3	ELEVATION 1/A300

9 TOTAL

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:
FRAME ELEVATIONS

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY:
JAMES LUPICA

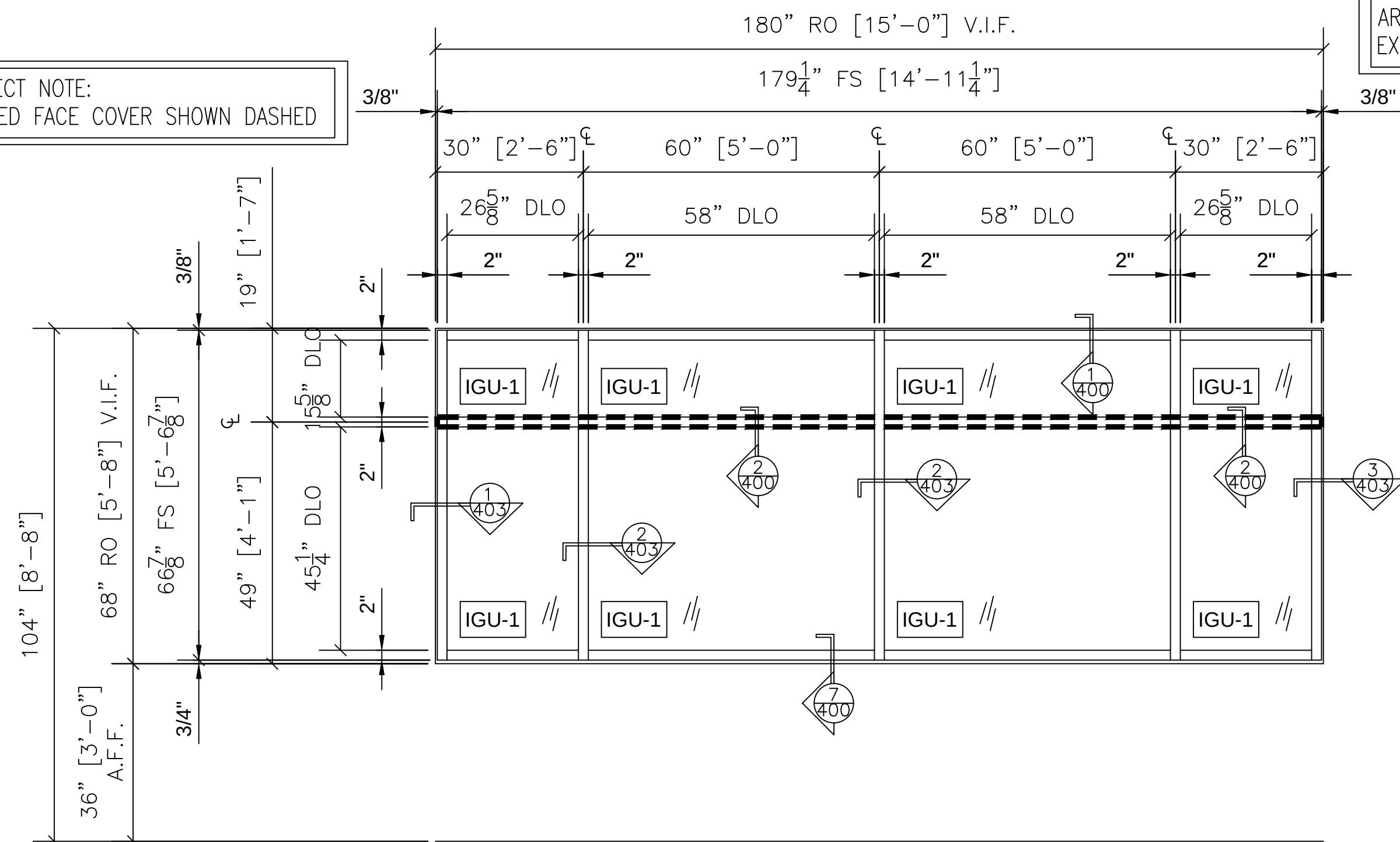
CHECKED BY:
KYLE SCHNECK

DATE:
01/15/2020

SHEET:

211

ARCHITECT NOTE:
EXTENDED FACE COVER SHOWN DASHED

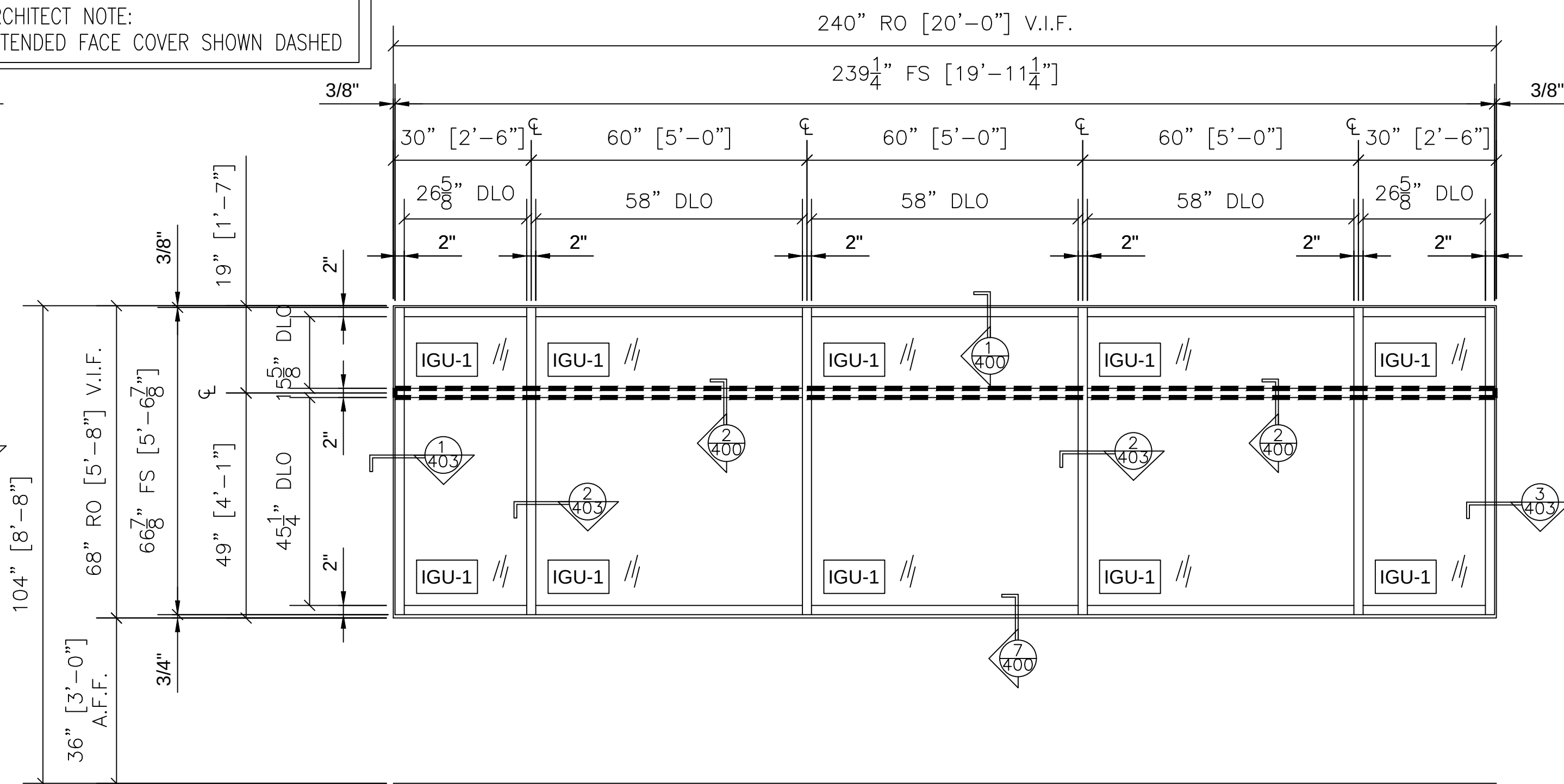


1 WINDOW TYPE P (SF17) ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: P/A301

QTY	LOCATION
6	ELEVATION 1/A301

6 TOTAL

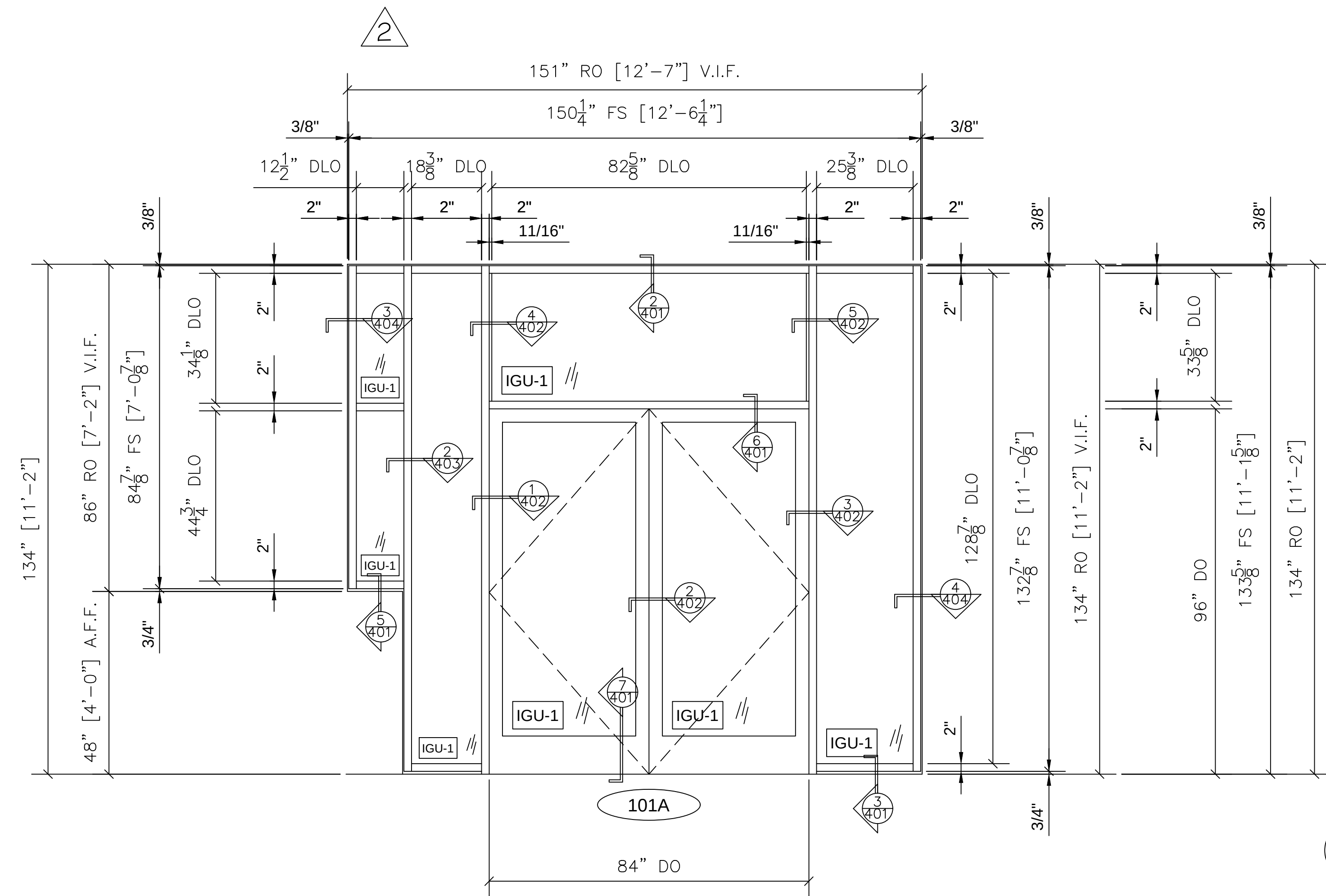
ARCHITECT NOTE:
EXTENDED FACE COVER SHOWN DASHED



2 WINDOW TYPE Q (SF18) ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: Q/A301

QTY	LOCATION
3	ELEVATION 1/A301

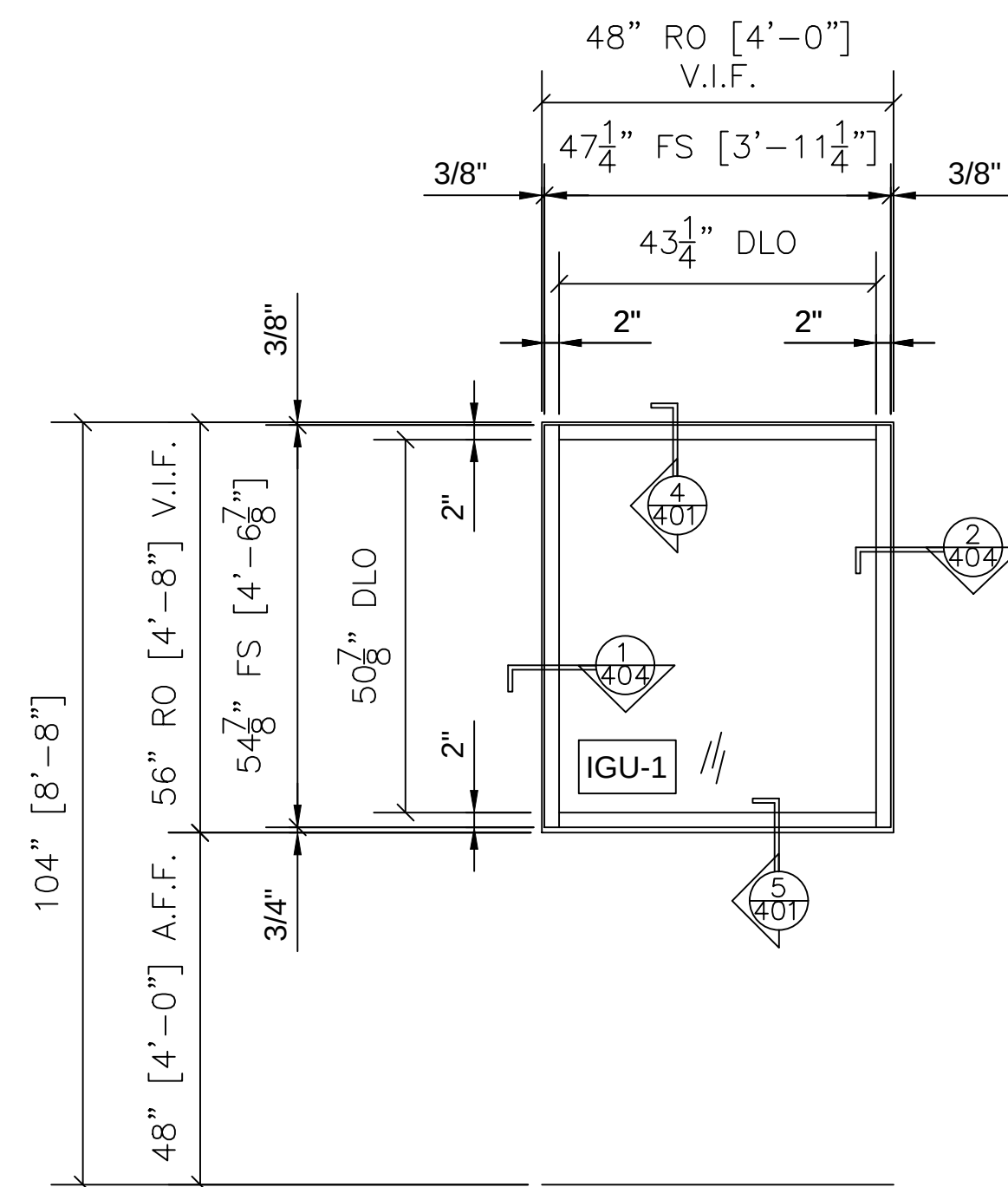
3 TOTAL



3 SF19 ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
TUBELITE THERMAL BLOCK MEDIUM STILE STOREFRONT DOORS
ARCH. REF.: 1/A410

QTY	LOCATION
1	VESTIBULE 101

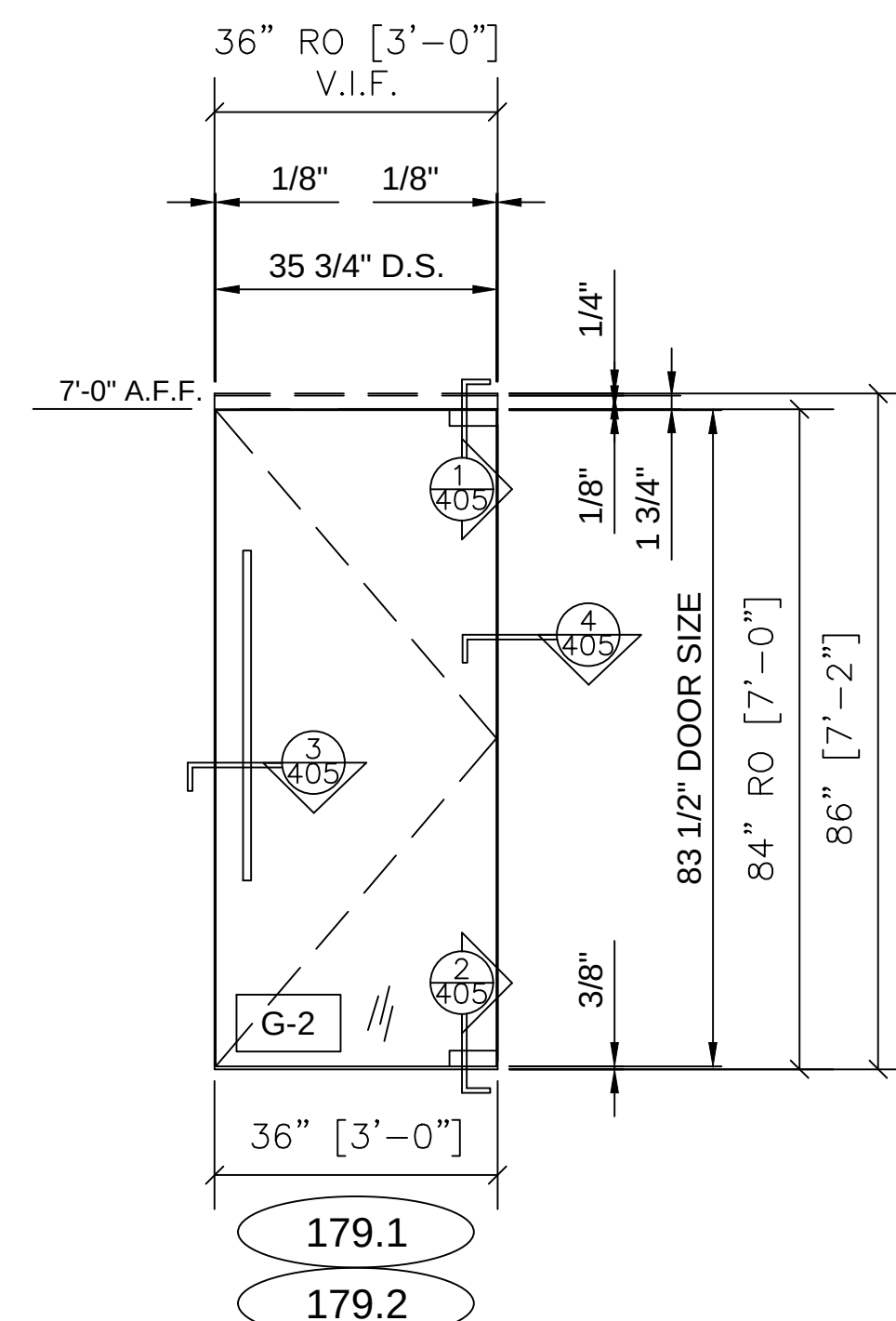
1 TOTAL



4 SF20 ELEVATION
TUBELITE TU24000 2" X 4-1/2"
ULTRA THERMAL EXTERIOR STOREFRONT
ARCH. REF.: 5/A201

QTY	LOCATION
1	VESTIBULE 101

1 TOTAL



5 DOOR TYPE B ELEVATION
TOP & BOTTOM PATCH FITTINGS
ARCH. REF.: B/A602

QTY	LOCATION
2	LOUNGE 179

2 TOTAL

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:
FRAME ELEVATIONS

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

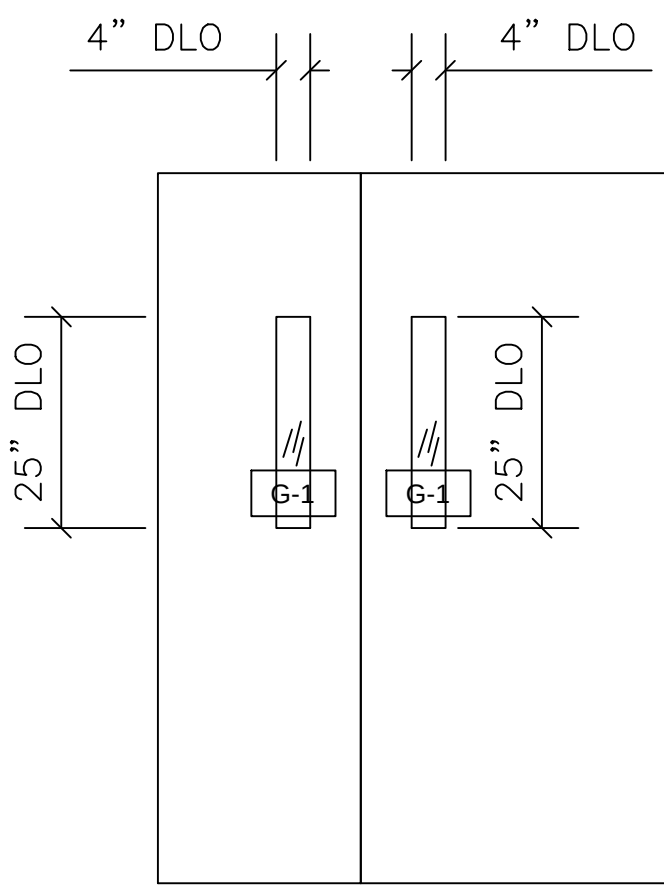
ARCHITECT:

ENGINEER:

DRAWN BY:
JAMES LUPICA
CHECKED BY:
KYLE SCHNECK
DATE:
01/15/2020

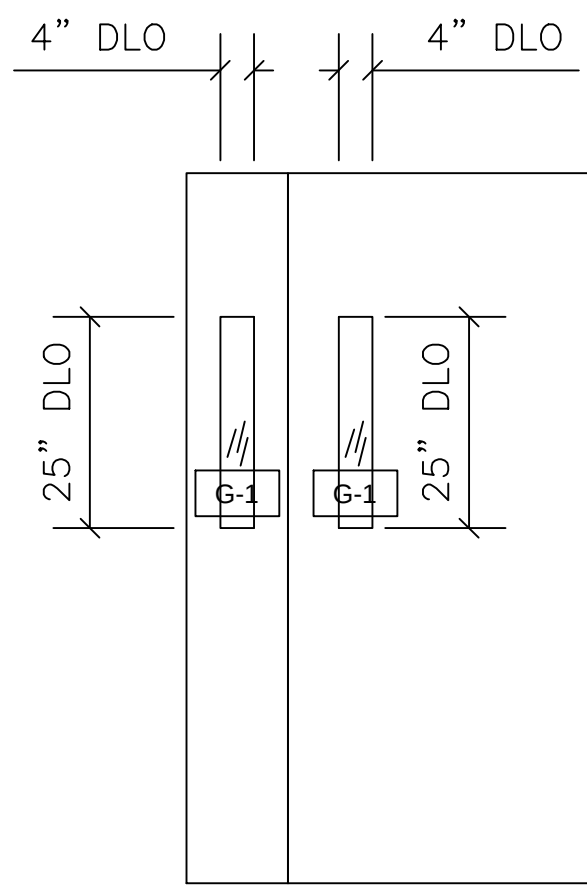
SHEET:

212



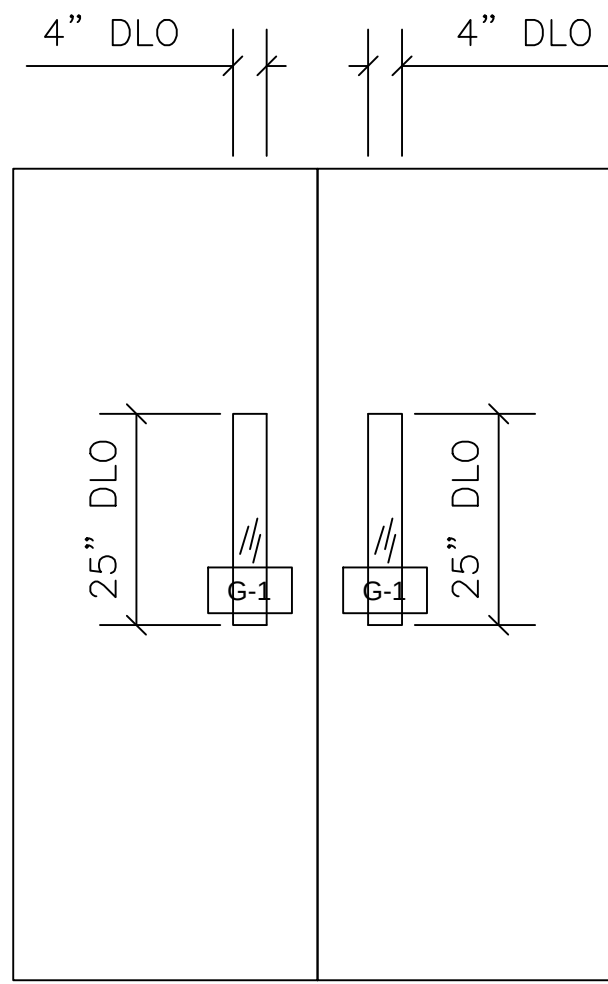
175.1

1	DOOR TYPE C ELEVATION	
	DOOR & FRAME BY OTHERS	
	ARCH. REF.: C/A602	
	QTY	LOCATION
	1	DRY STORAGE 175
	1 TOTAL	



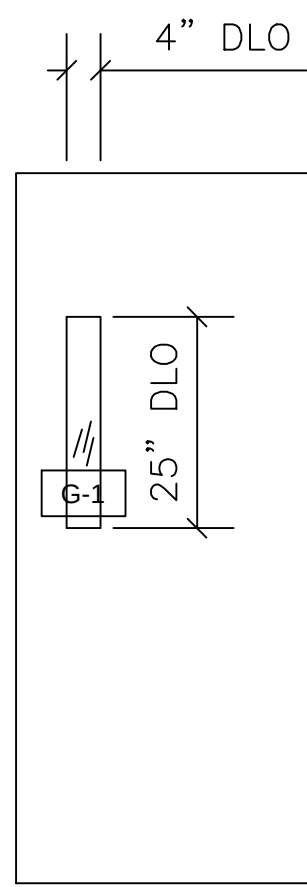
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2	DOOR TYPE C ELEVATION	
	DOOR & FRAME BY OTHERS	
	ARCH. REF.: C/A602	
	QTY	LOCATION
	1	DRY STORAGE 175
	1 TOTAL	



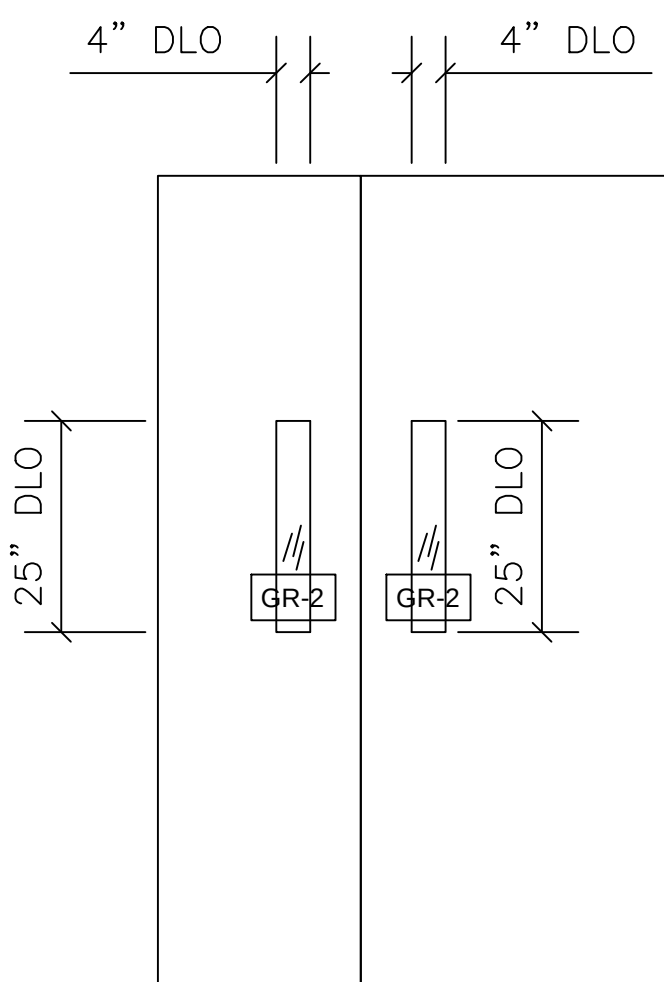
205

3	DOOR TYPE C ELEVATION	
	DOOR & FRAME BY OTHERS	
	ARCH. REF.: C/A602	
	QTY	LOCATION
	1	ELEVATION 2/A300
	1 TOTAL	



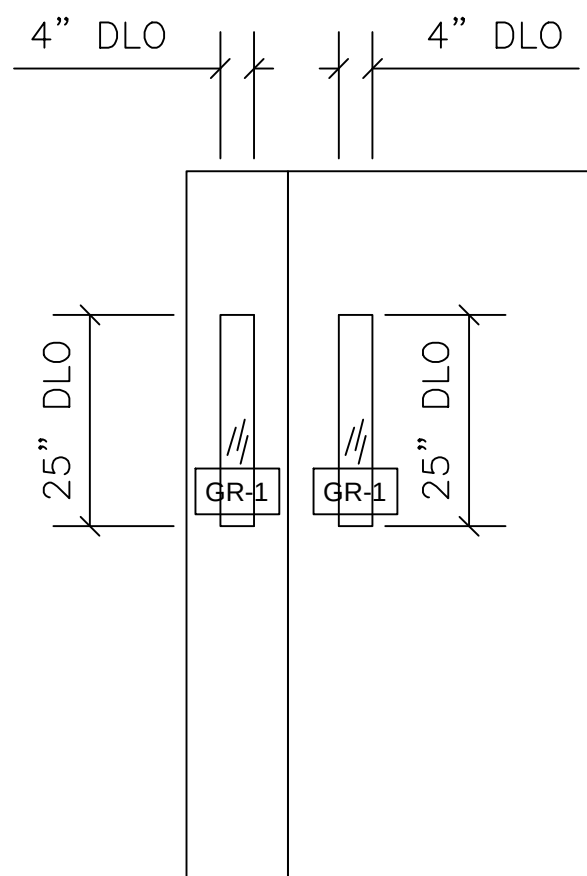
209

4	DOOR TYPE C ELEVATION	
	DOOR & FRAME BY OTHERS	
	ARCH. REF.: C/A602	
	QTY	LOCATION
	1	CORRIDOR 209
	1 TOTAL	



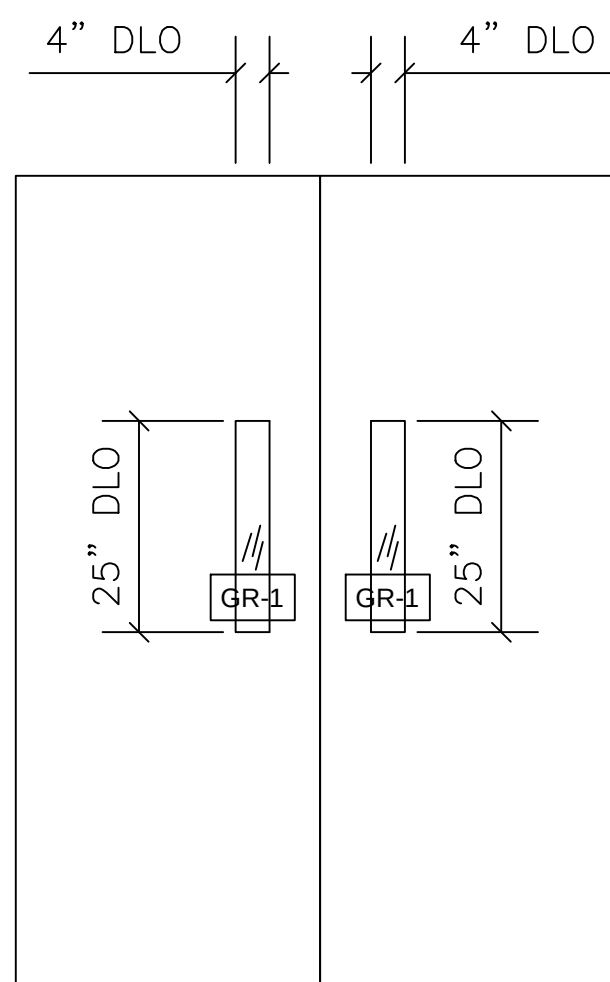
113

5	DOOR TYPE C ELEVATION	
	DOOR & FRAME BY OTHERS	
	ARCH. REF.: C/A602	
	QTY	LOCATION
	1	CORRIDOR 113
	1 TOTAL	



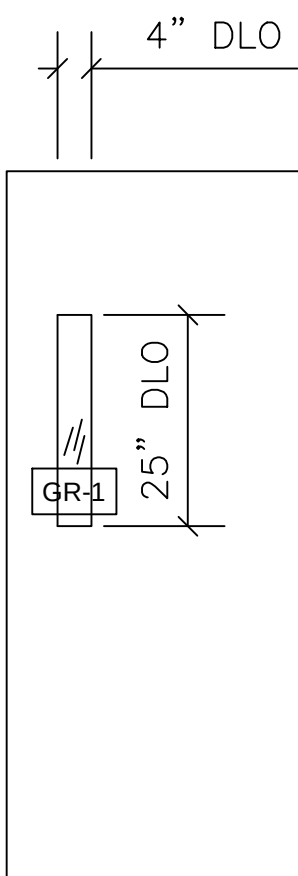
177

6	DOOR TYPE C ELEVATION	
	DOOR & FRAME BY OTHERS	
	ARCH. REF.: C/A602	
	QTY	LOCATION
	1	AUTOClave/GLASSWASH 177
	1 TOTAL	



309

7	DOOR TYPE C ELEVATION	
	DOOR & FRAME BY OTHERS	
	ARCH. REF.: C/A602	
	QTY	LOCATION
	1	CORRIDOR 309
	1 TOTAL	



1S1	1S2	1S3	2S1
2S2	2S3.1	2S3.2	3S1
3S2	3S3	4S1	4S2
4S3	5S2		

8	DOOR TYPE C ELEVATION	
	DOOR & FRAME BY OTHERS	
	ARCH. REF.: C/A602	
	QTY	LOCATION
	4	STAIR 1
	5	STAIR 2
	5	STAIR 3
	14 TOTAL	

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: FRAME ELEVATIONS

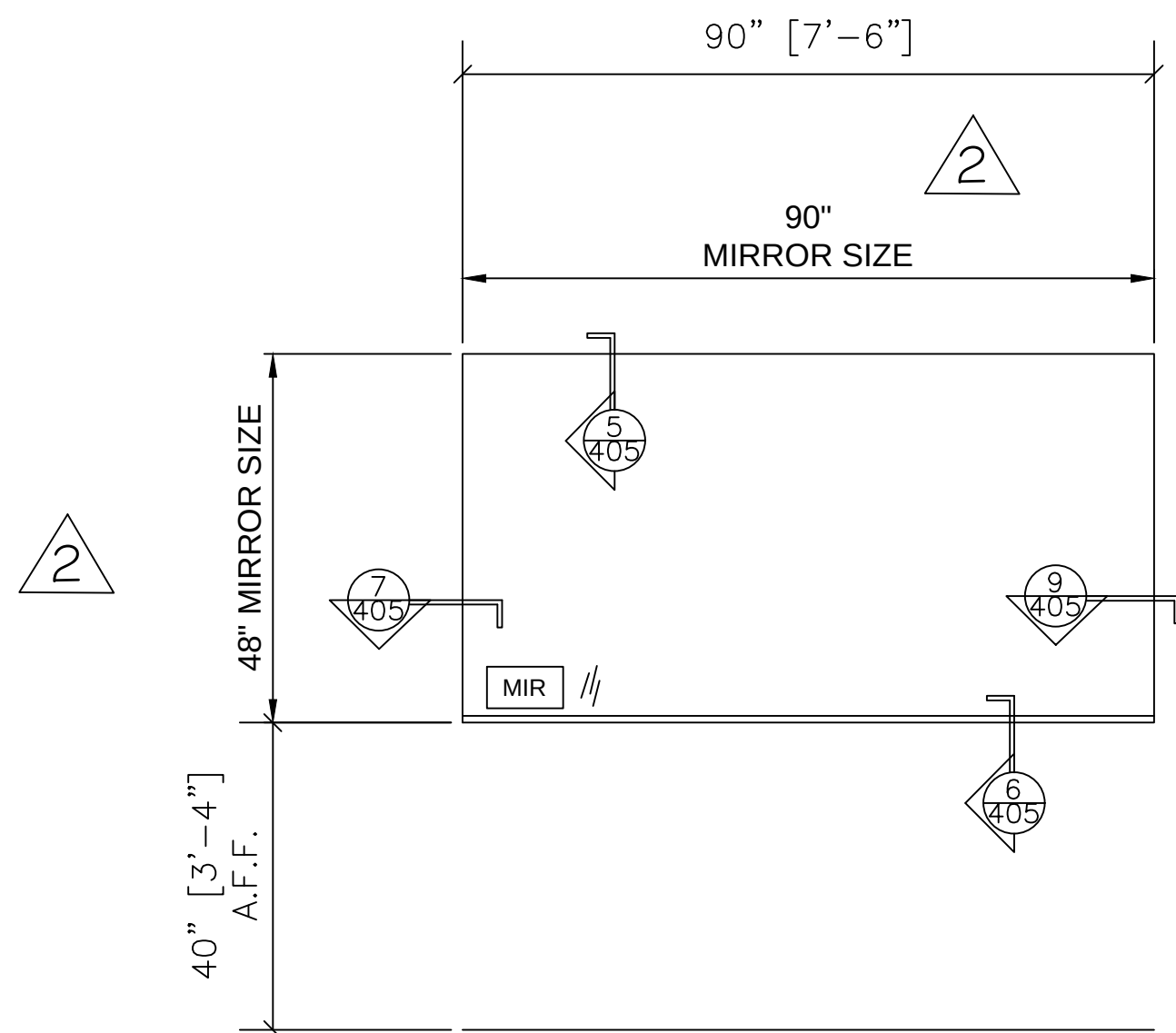
GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

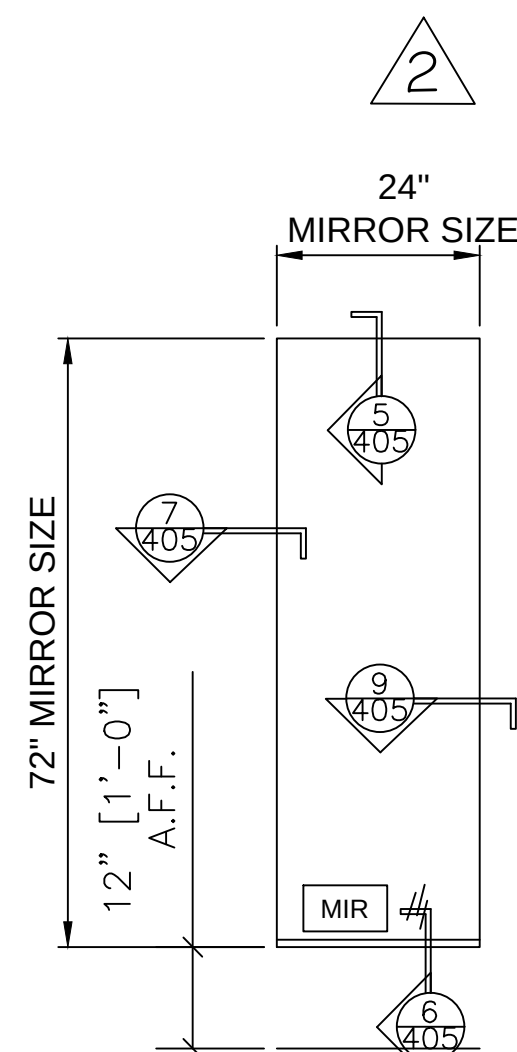
ARCHITECT:

ENGINEER:

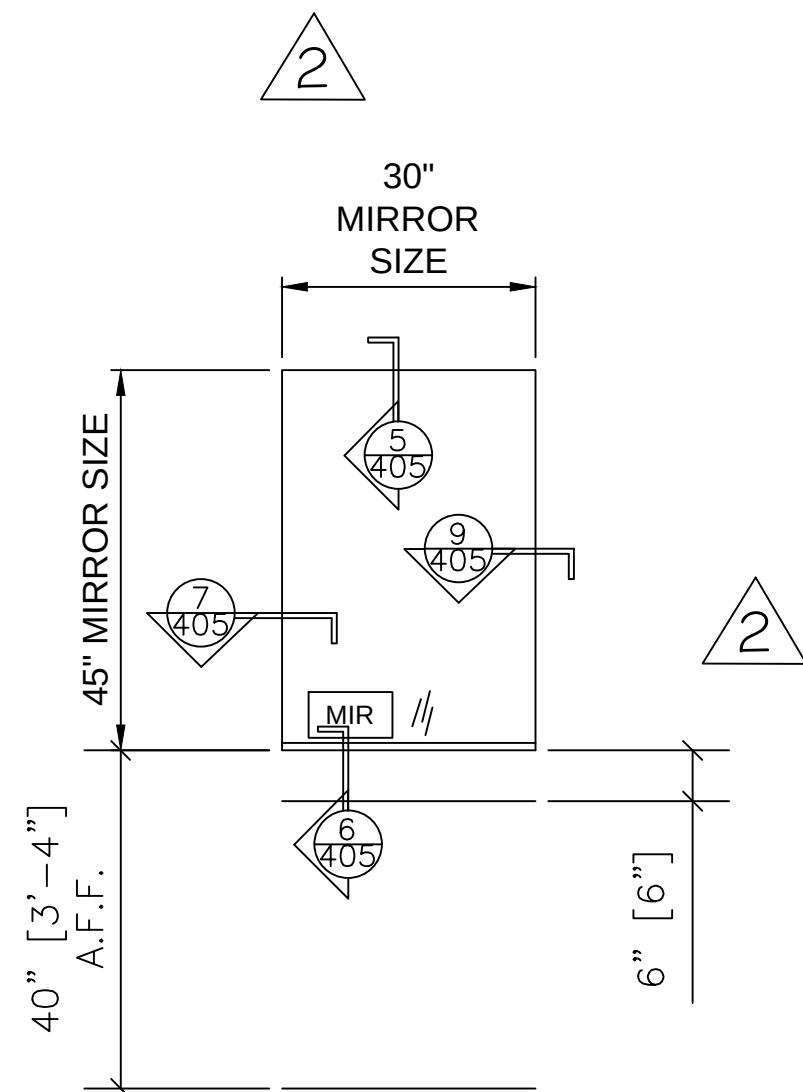
DRAWN BY: JAMES LUPICA	SHEET: 213
CHECKED BY: KYLE SCHNECK	
DATE: 01/15/2020	



1 INTERIOR ELEVATION		QTY	LOCATION
ALUMINUM J-CHANNEL AT SILL. MIRROR ADHERED TO WALL W/ MASTIC. ARCH. REF.: 6/A203		1	GENDER NEUTRAL RESTROOM 103
		1	GENDER NEUTRAL RESTROOM 203
		1	GENDER NEUTRAL RESTROOM 303
		1	GENDER NEUTRAL RESTROOM 403
		4 TOTAL	



2 INTERIOR ELEVATION		QTY	LOCATION
ALUMINUM J-CHANNEL AT SILL. MIRROR ADHERED TO WALL W/ MASTIC. ARCH. REF.: 7/A203		1	GENDER NEUTRAL RESTROOM 103
		1	GENDER NEUTRAL RESTROOM 203
		1	GENDER NEUTRAL RESTROOM 303
		1	GENDER NEUTRAL RESTROOM 403
		4 TOTAL	



3 INTERIOR ELEVATION		QTY	LOCATION
ALUMINUM J-CHANNEL AT SILL. MIRROR ADHERED TO WALL W/ MASTIC. ARCH. REF.: 15/A203		1	GENDER NEUTRAL RESTROOM 103
		1	GENDER NEUTRAL RESTROOM 203
		1	GENDER NEUTRAL RESTROOM 303
		1	GENDER NEUTRAL RESTROOM 403
		4 TOTAL	

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: FRAME ELEVATIONS

GLASS CONTRACTOR:

DRAWN BY:
KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET: 214
CHECKED BY: KYLE SCHNECK	
DATE: 01/15/2020	

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
**PENNOVATION MAIN LAB
 BASE BUILDING**
 3401 GRAY FERRY AVENUE
 PHILADELPHIA, PA 19146

SHEET TITLE:
DETAILS

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
 KYLE SCHNECK
 HARRISBURG, PA 17111
 KYLE@KSDRAFTINGDESIGNLLC.COM
 717-228-7114
 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

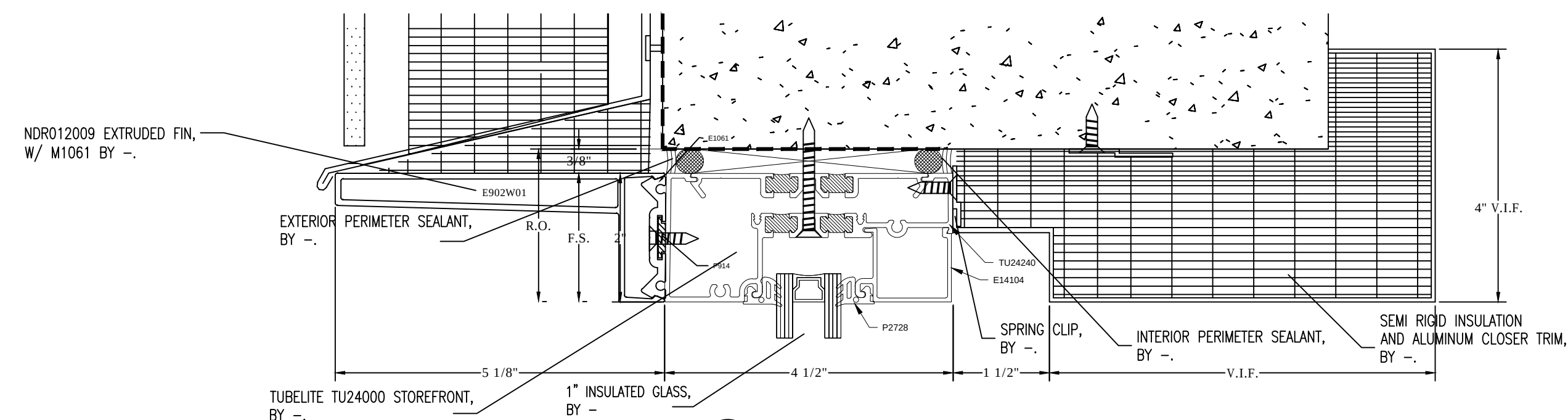
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 JAMES LUPICA

CHECKED BY:
 KYLE SCHNECK

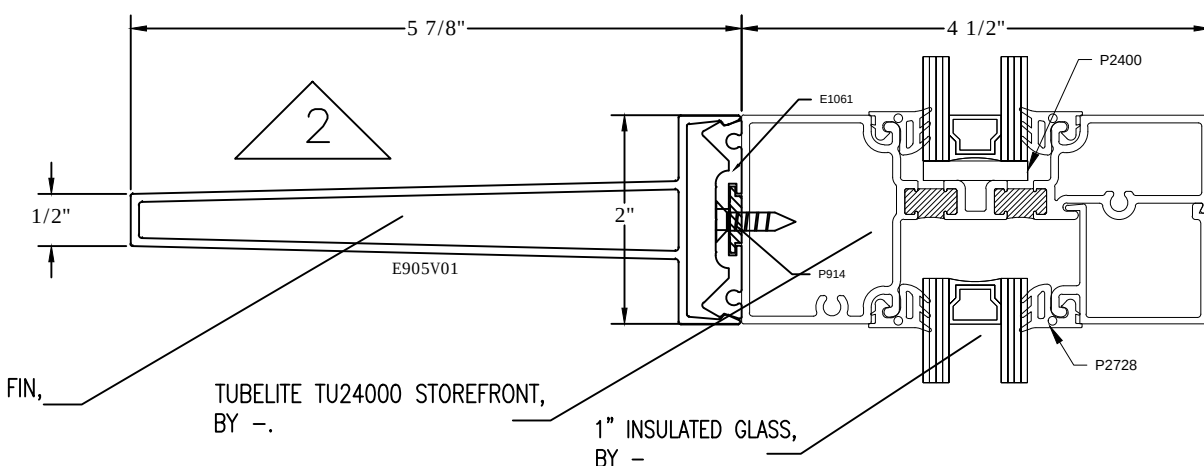
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 02/04/2020

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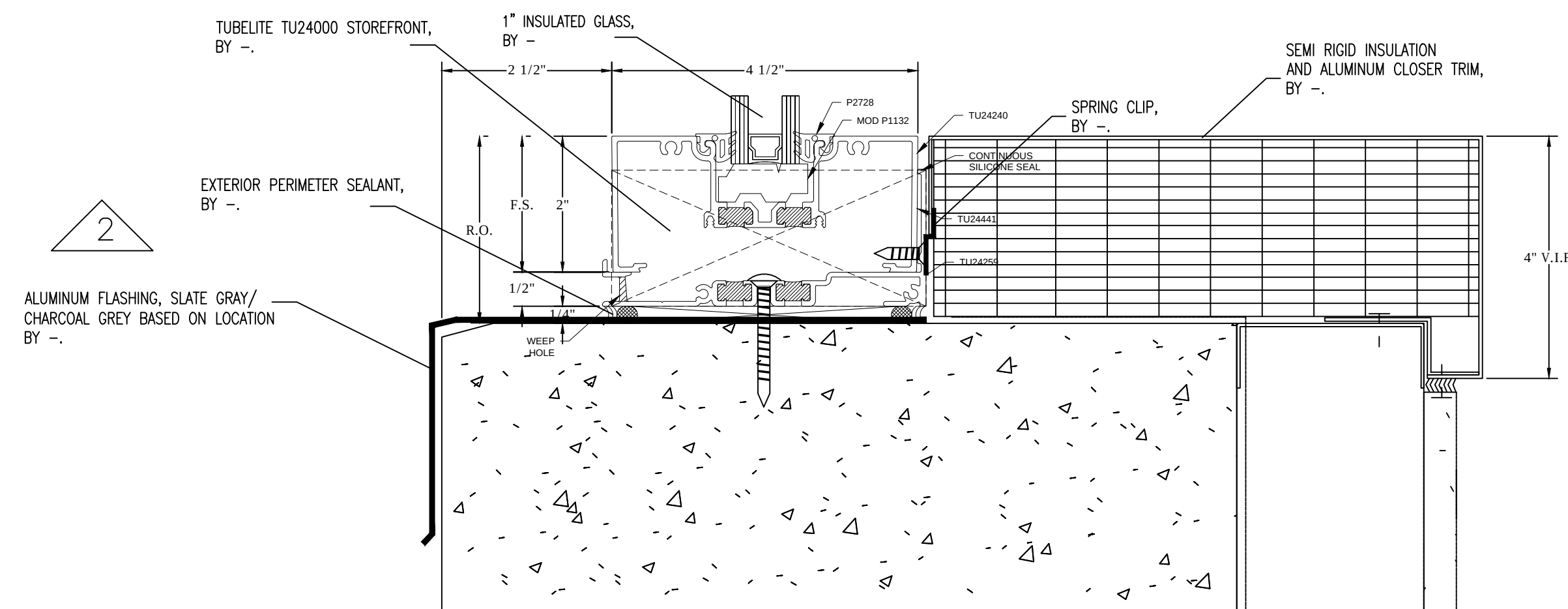
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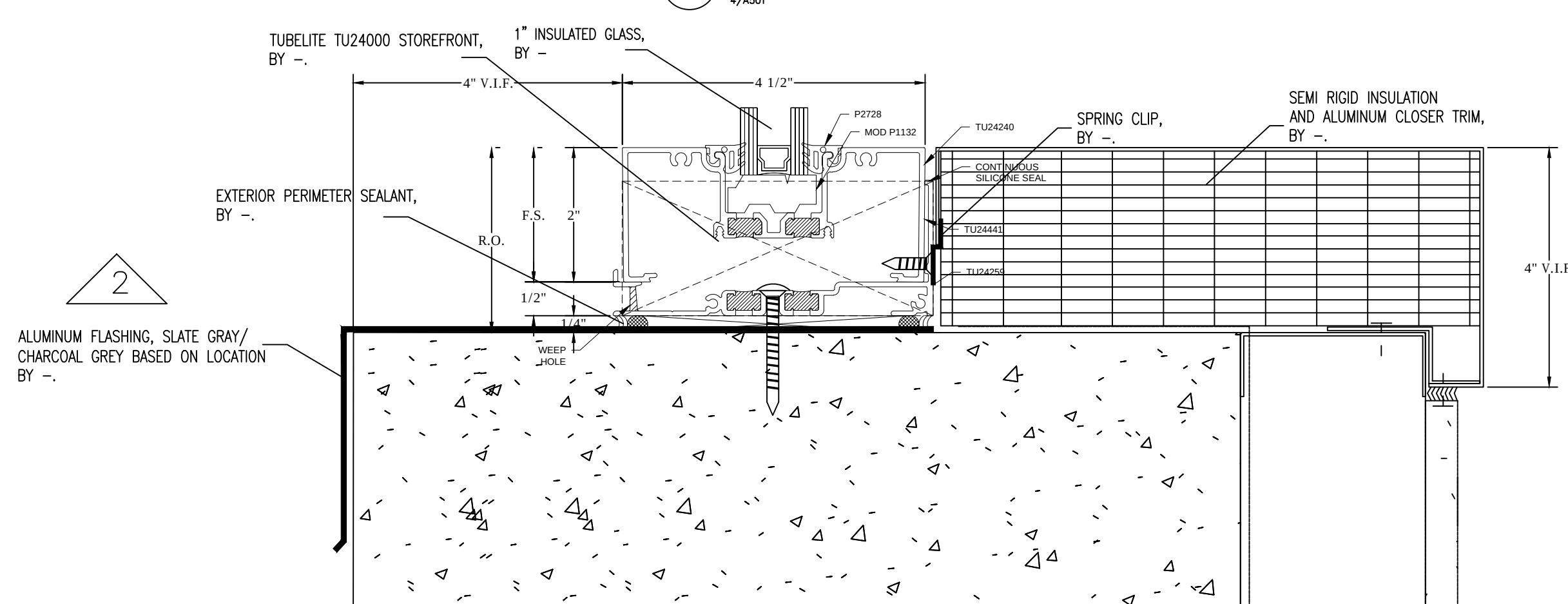
1 SECTION CUT
 ● STOREFRONT HEAD
 4/A003



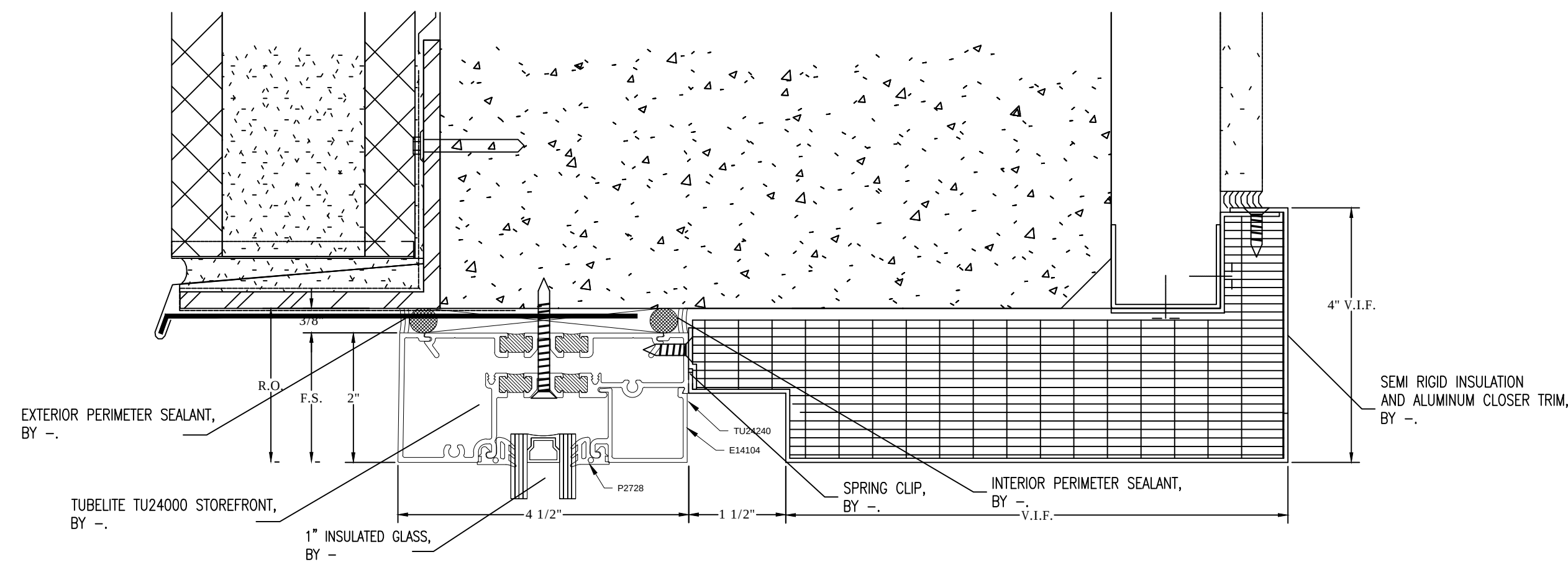
2 SECTION CUT
 ● STOREFRONT HORIZONTAL



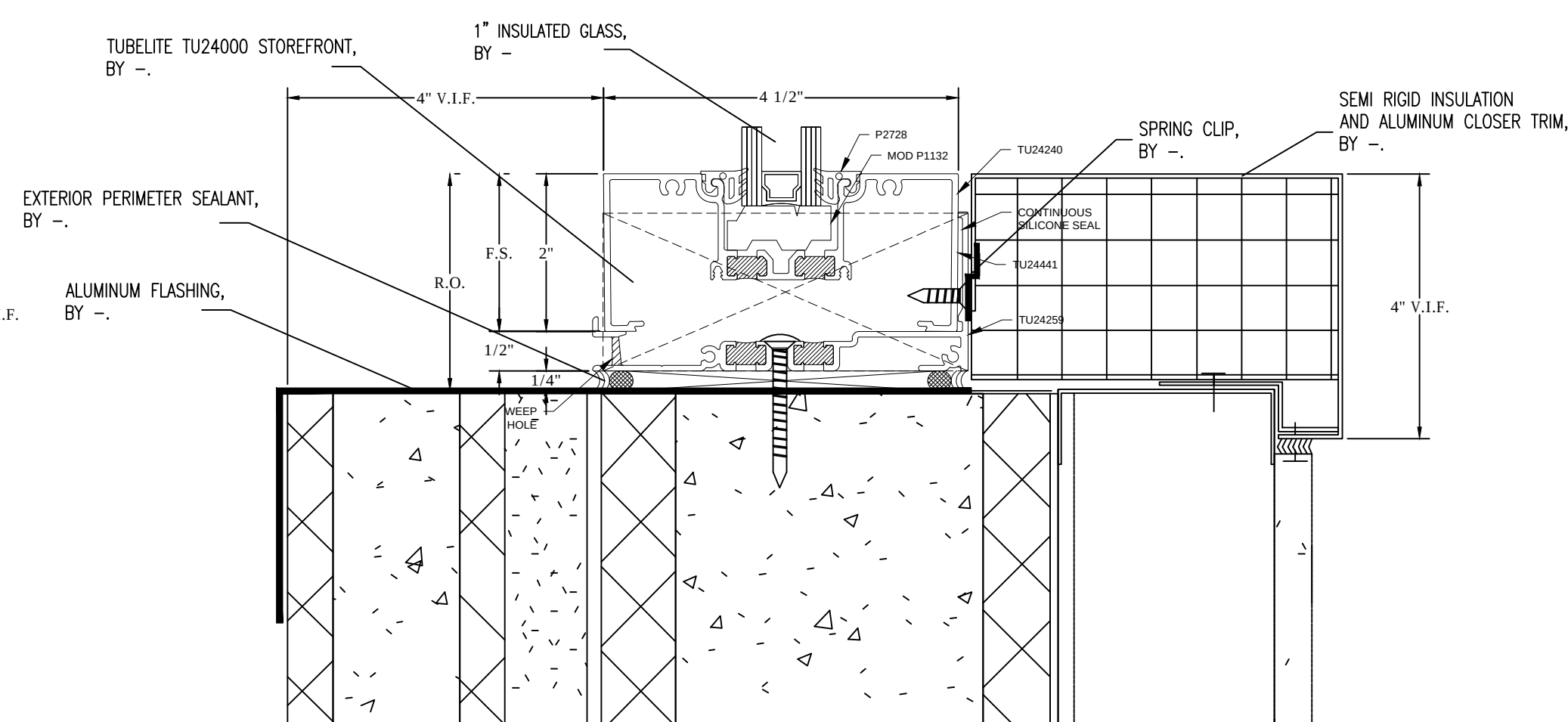
3 SECTION CUT
 ● STOREFRONT SILL
 4/A001



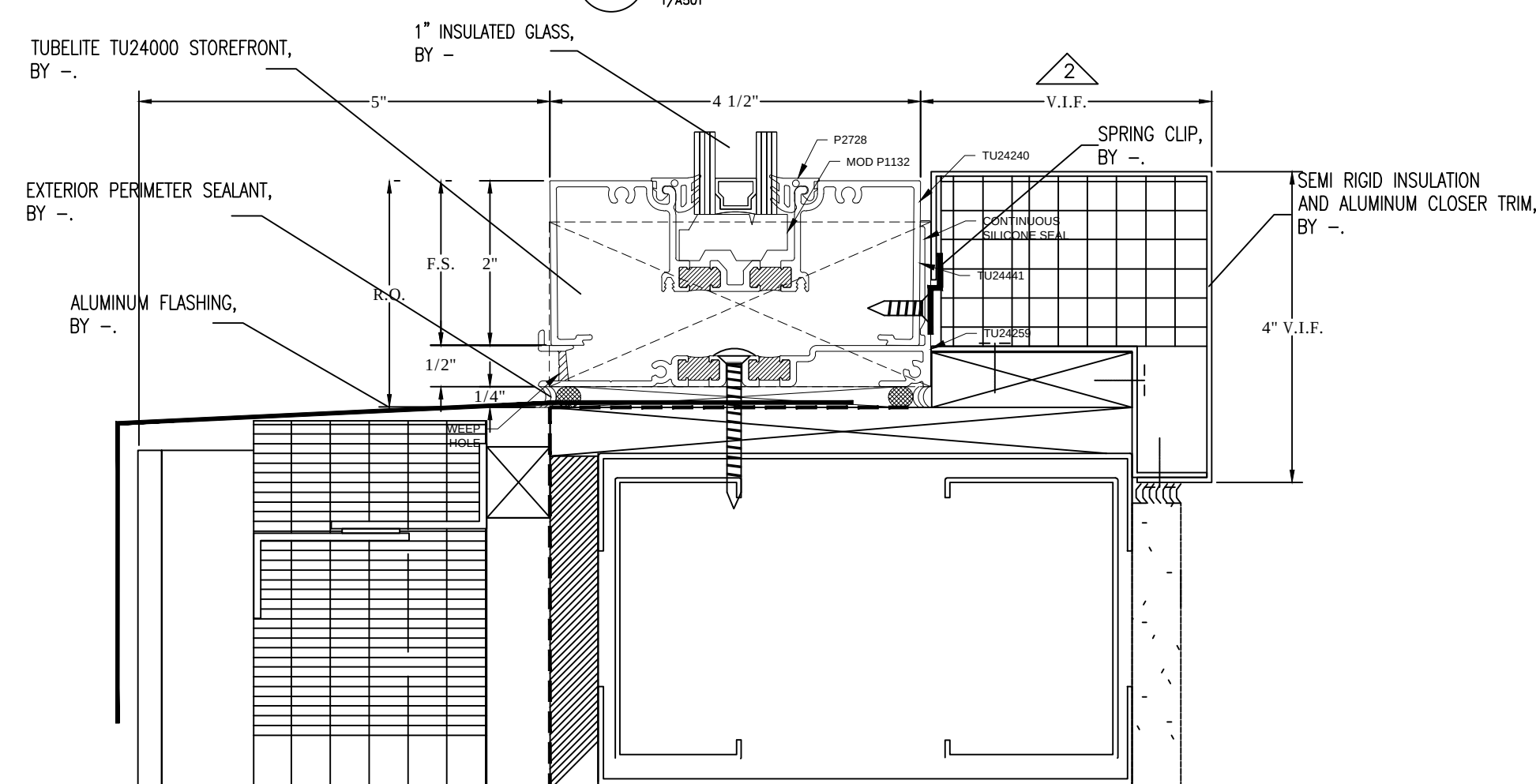
6 SECTION CUT
 ● STOREFRONT SILL
 1/A003



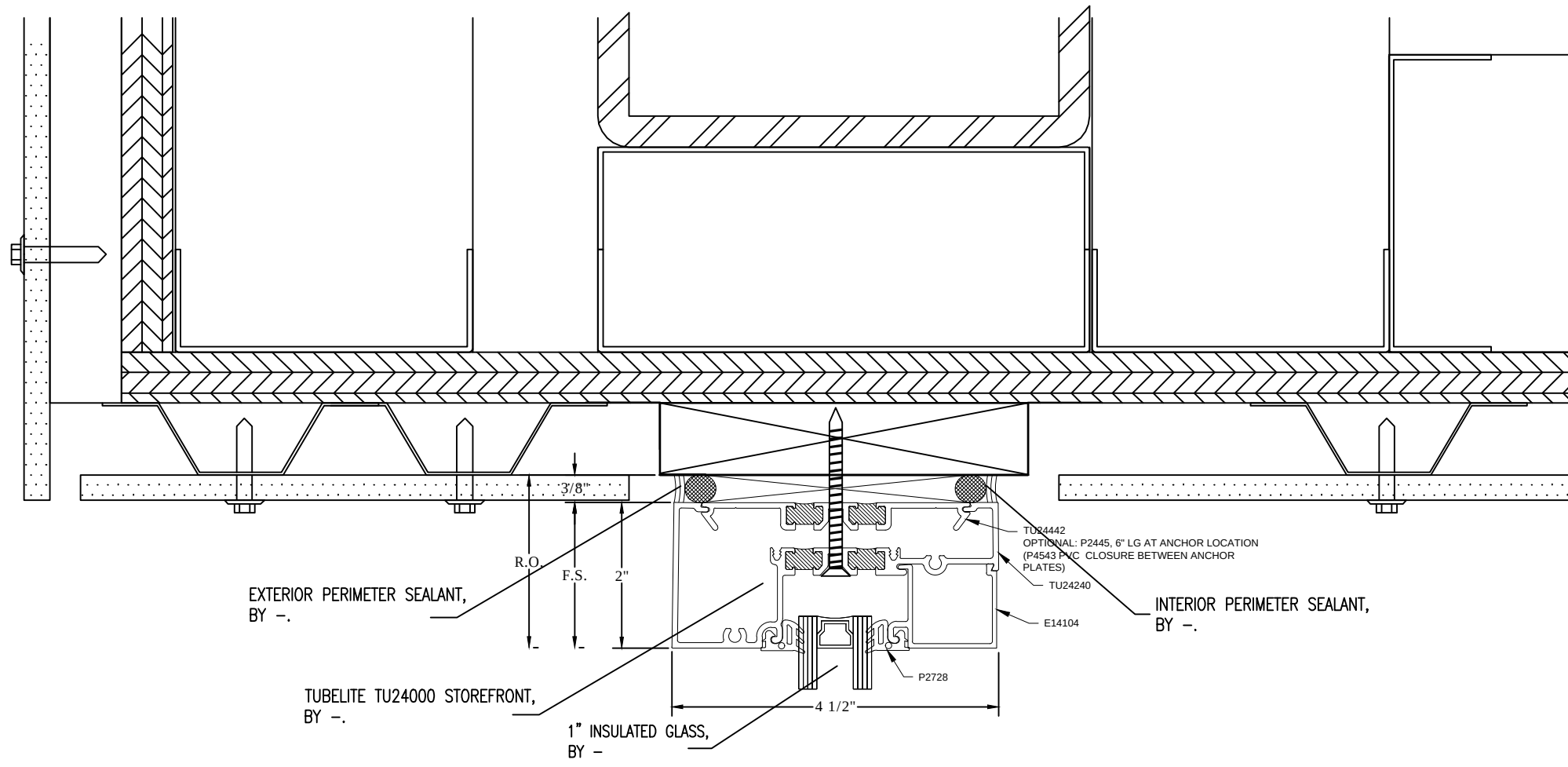
5 SECTION CUT
 ● STOREFRONT HEAD



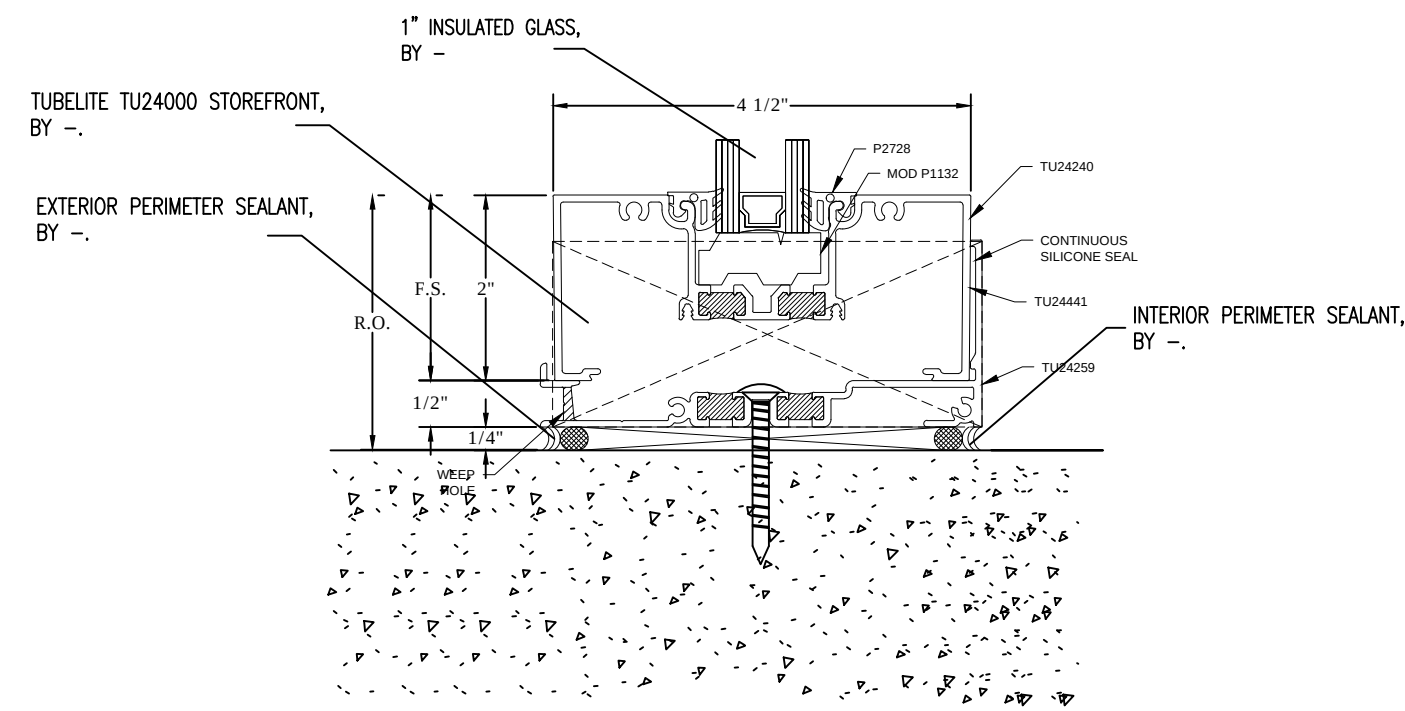
4 SECTION CUT
 ● STOREFRONT SILL
 1/A001



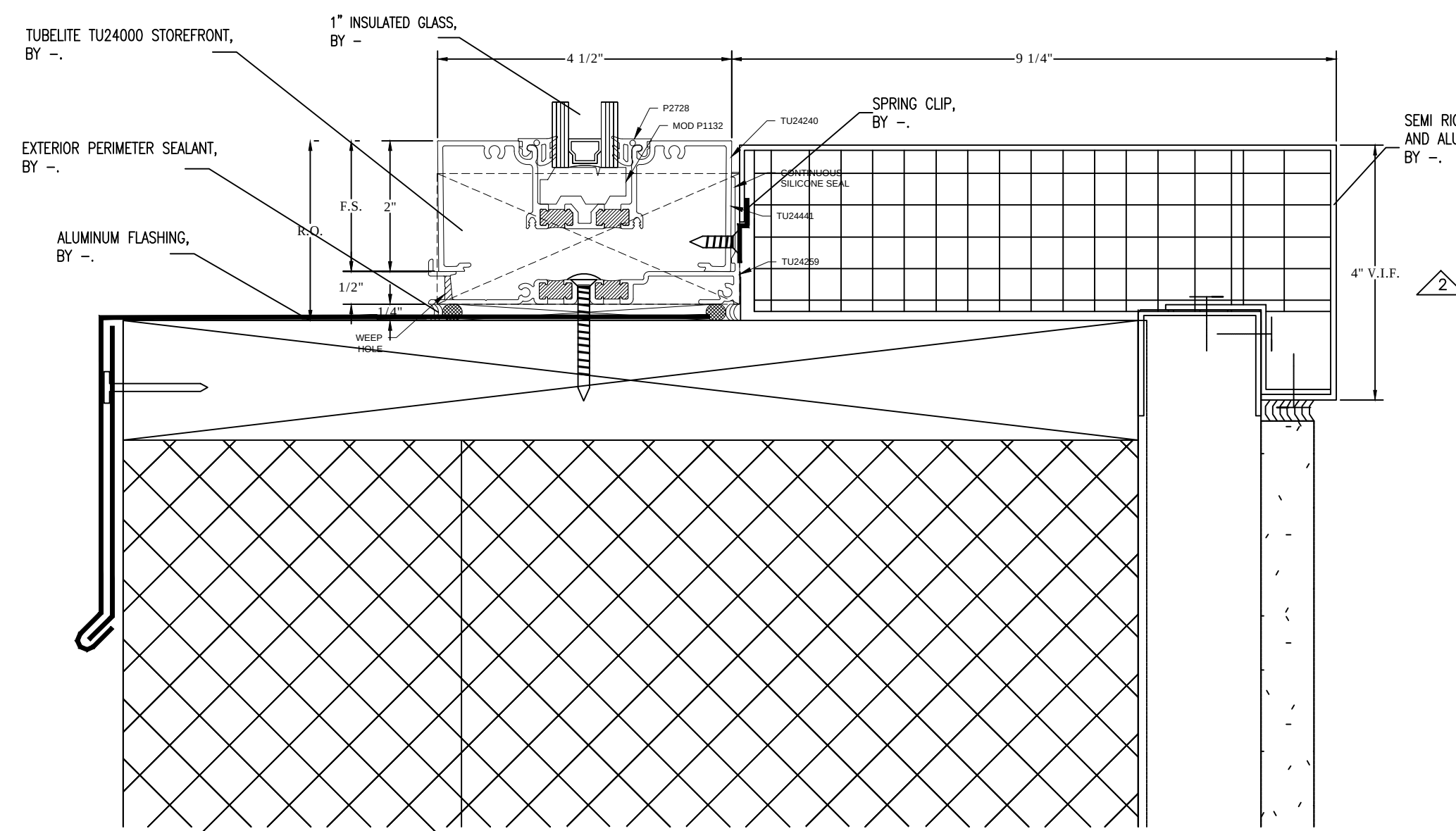
7 SECTION CUT
 ● STOREFRONT SILL
 2/A003



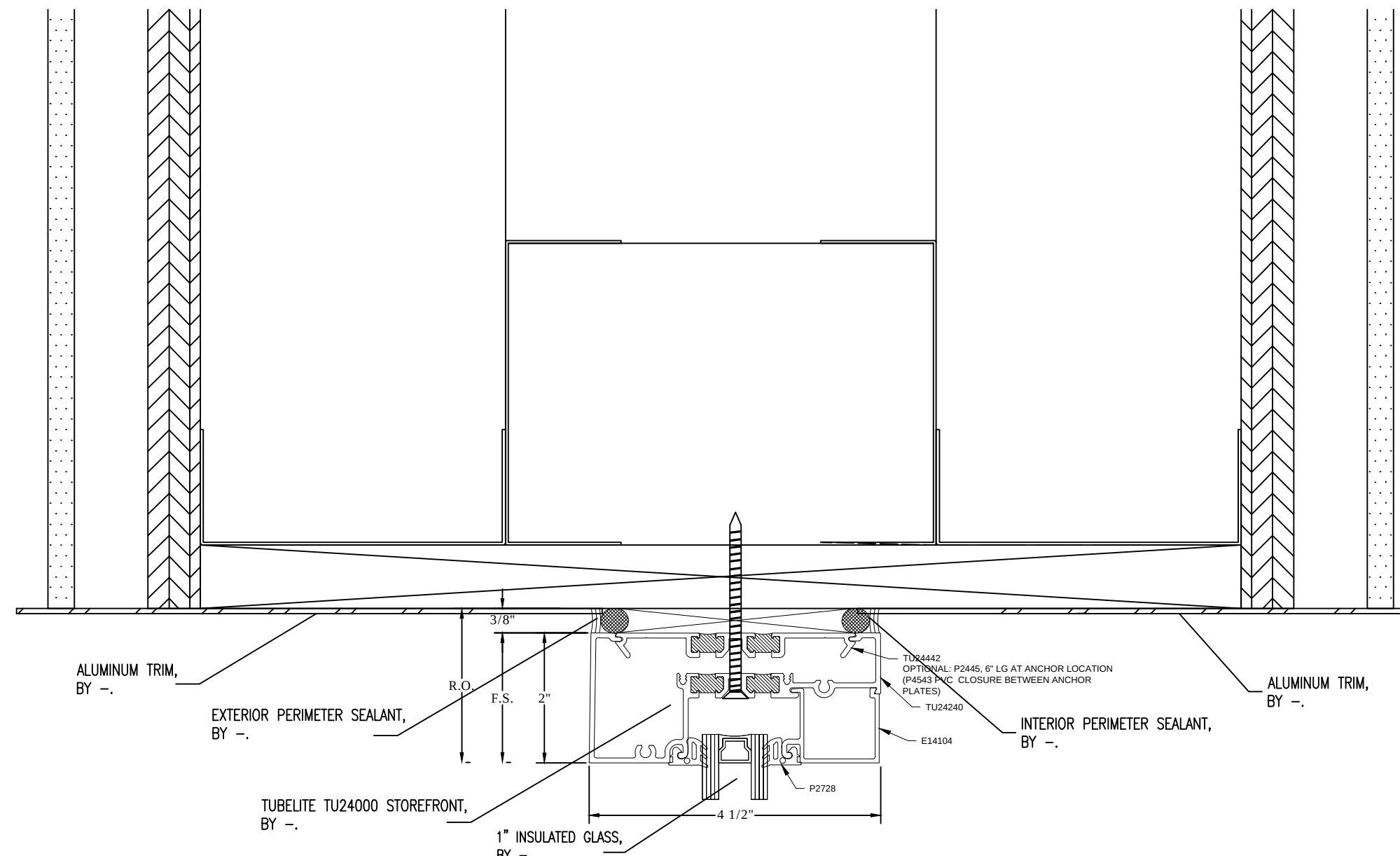
2 SECTION CUT
● STOREFRONT HEAD
7/AS1



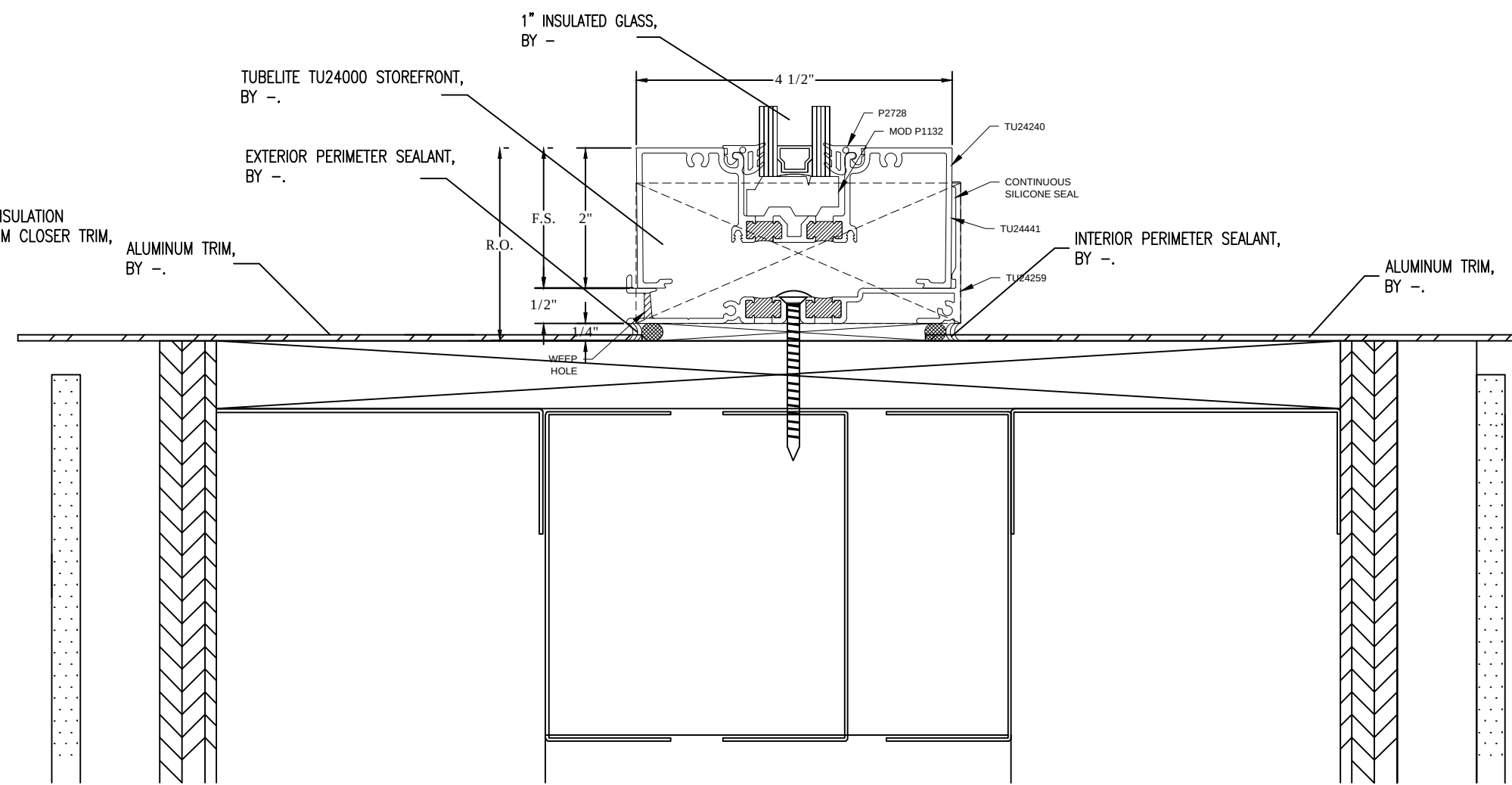
3 SECTION CUT
● STOREFRONT SILL



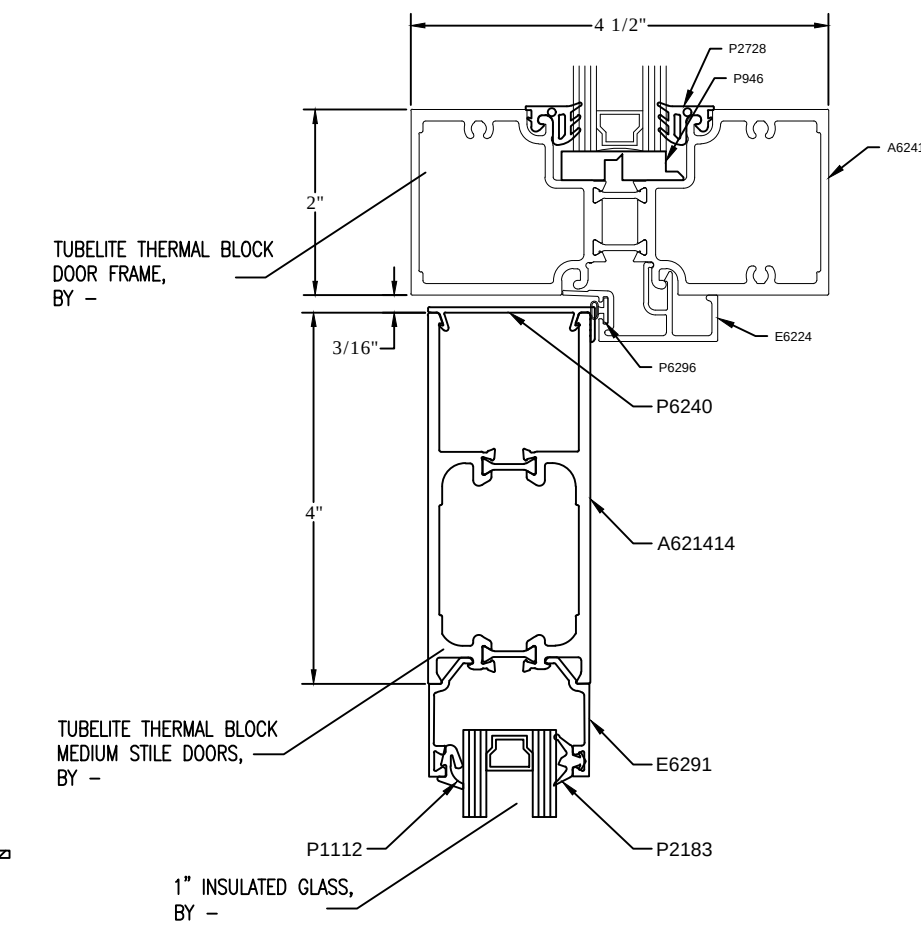
1 SECTION CUT
● STOREFRONT SILL
6/AS3



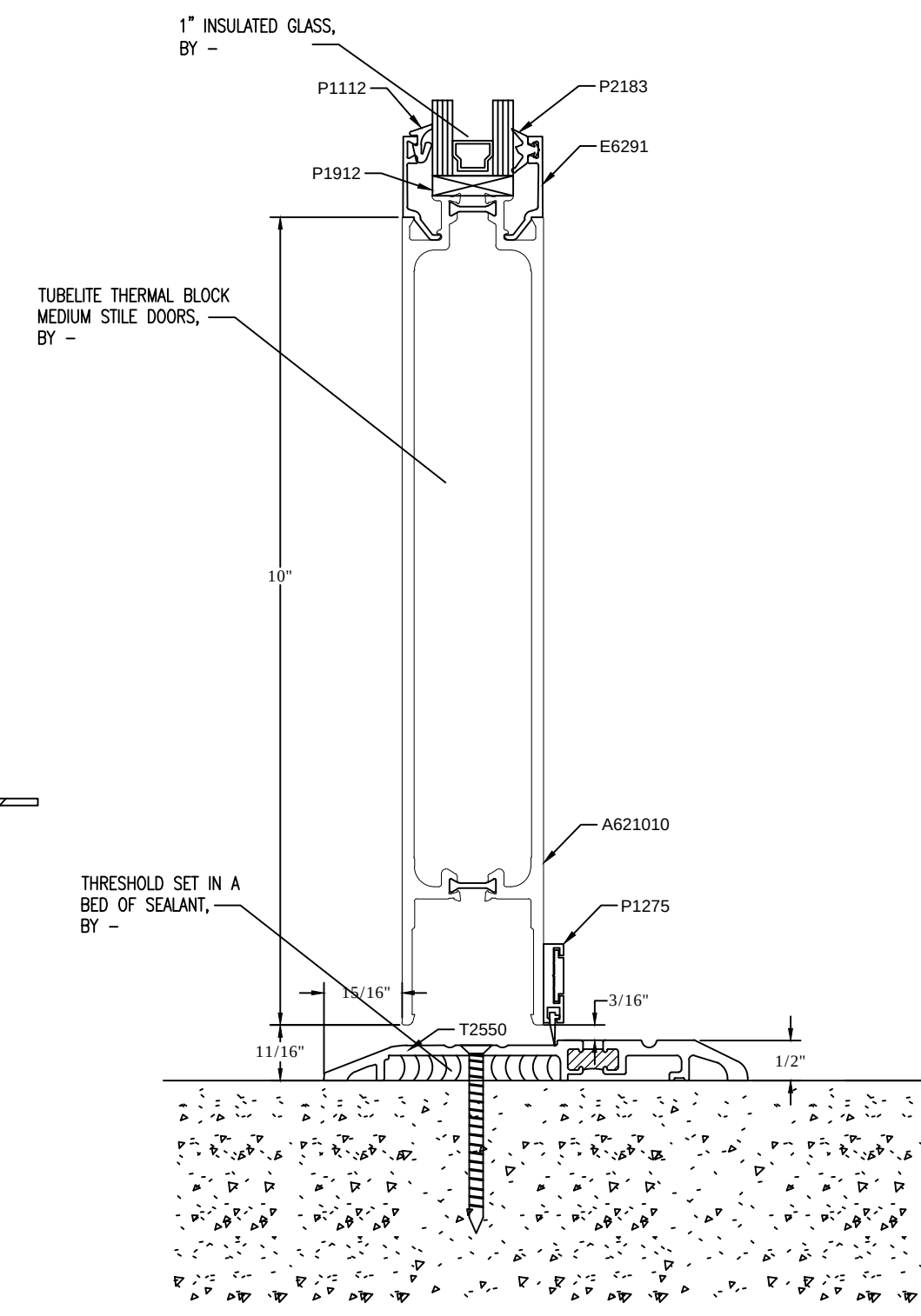
4 SECTION CUT
● STOREFRONT HEAD
3/AS12



5 SECTION CUT
● STOREFRONT SILL
2/AS12



6 SECTION CUT
● STOREFRONT DOOR



7 SECTION CUT
● STOREFRONT DOOR

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:
DETAILS

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

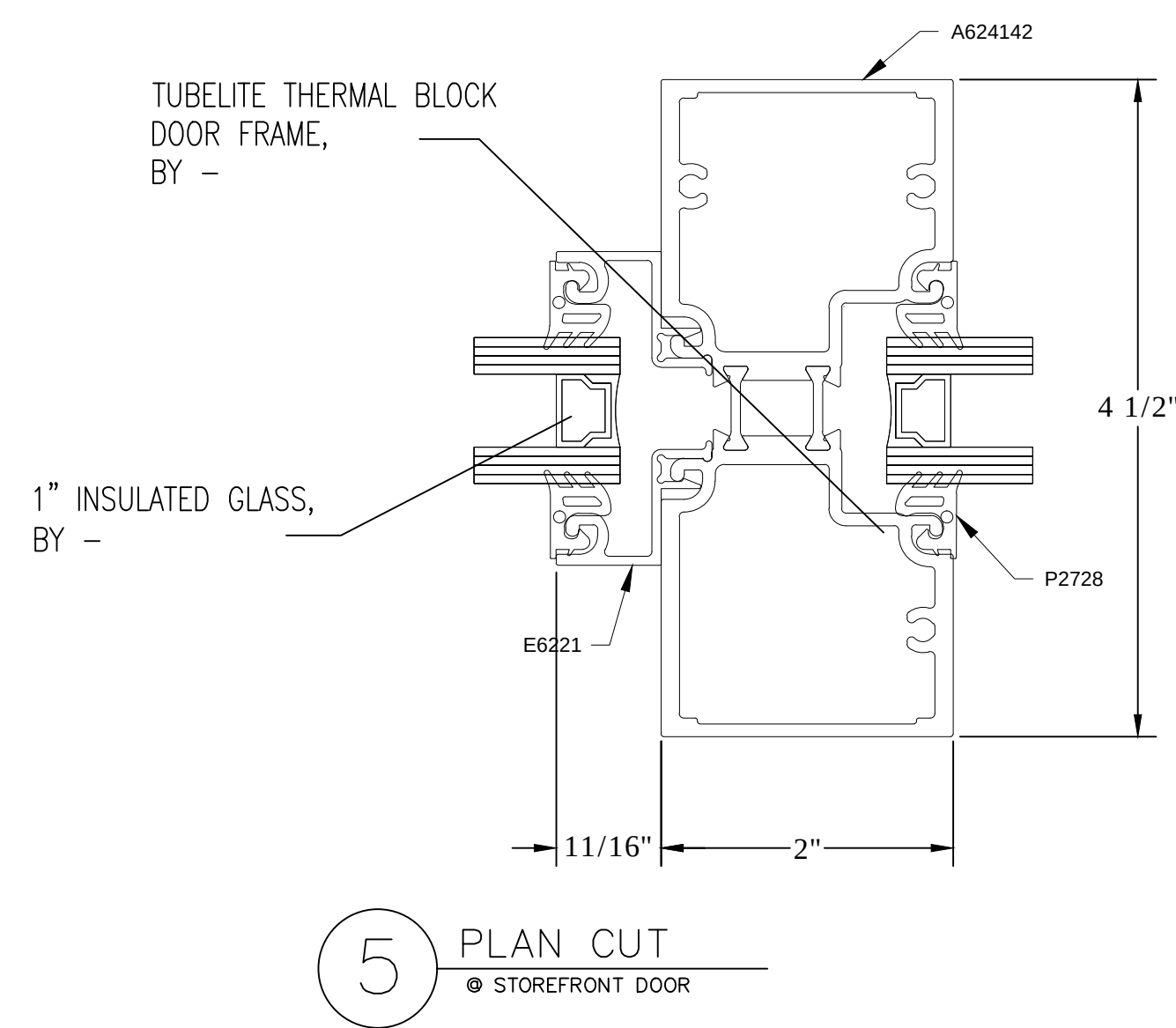
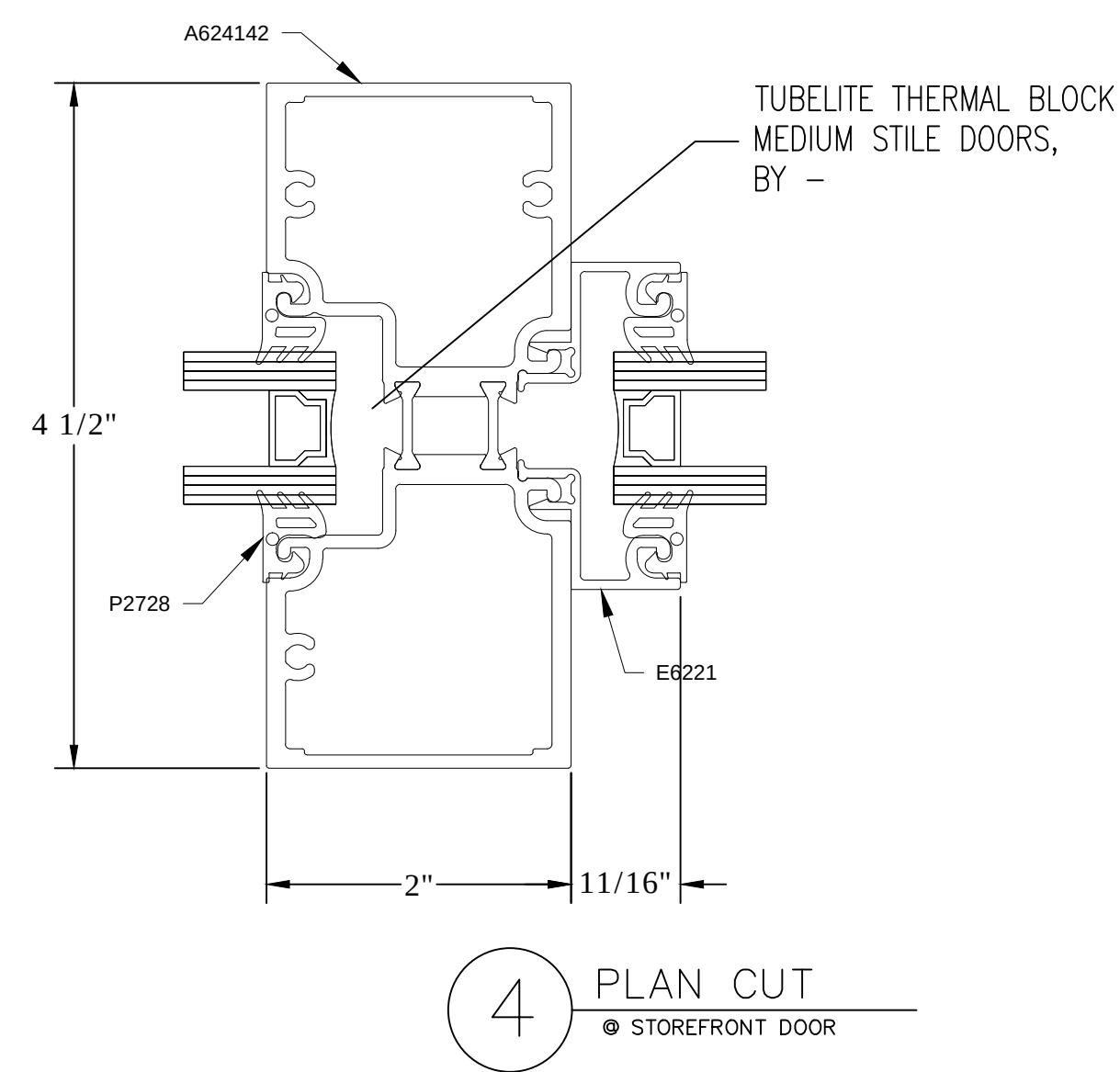
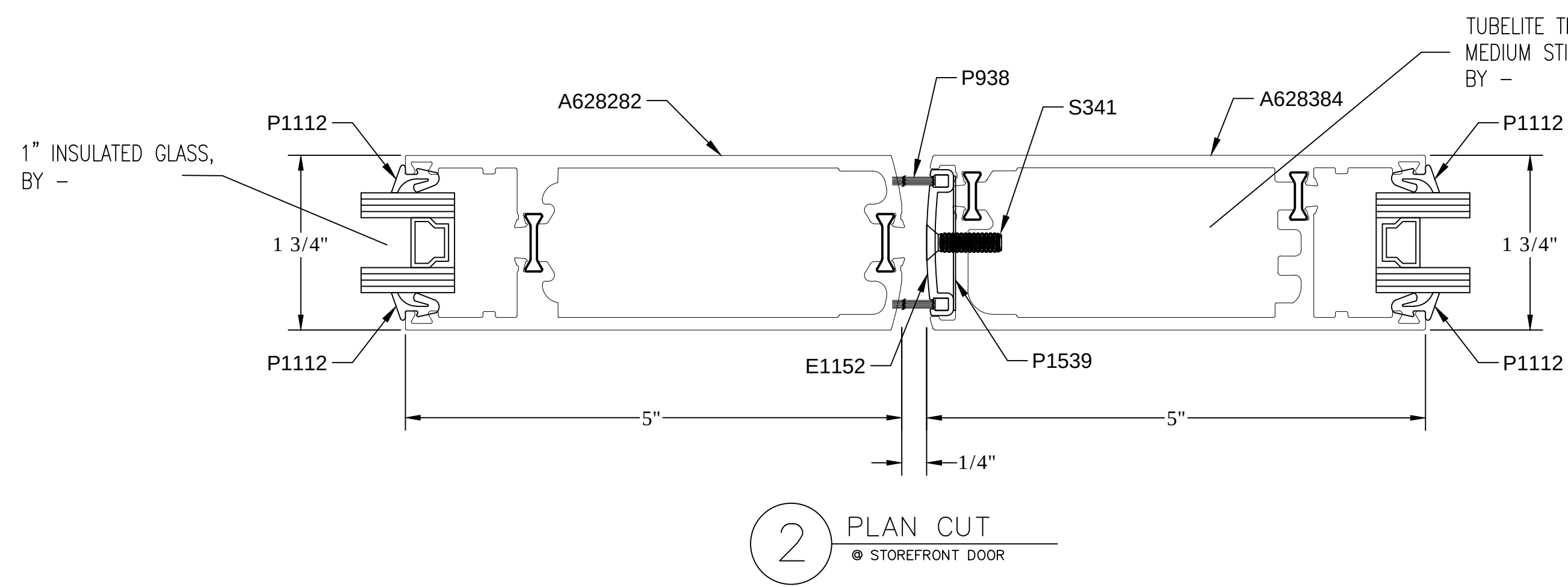
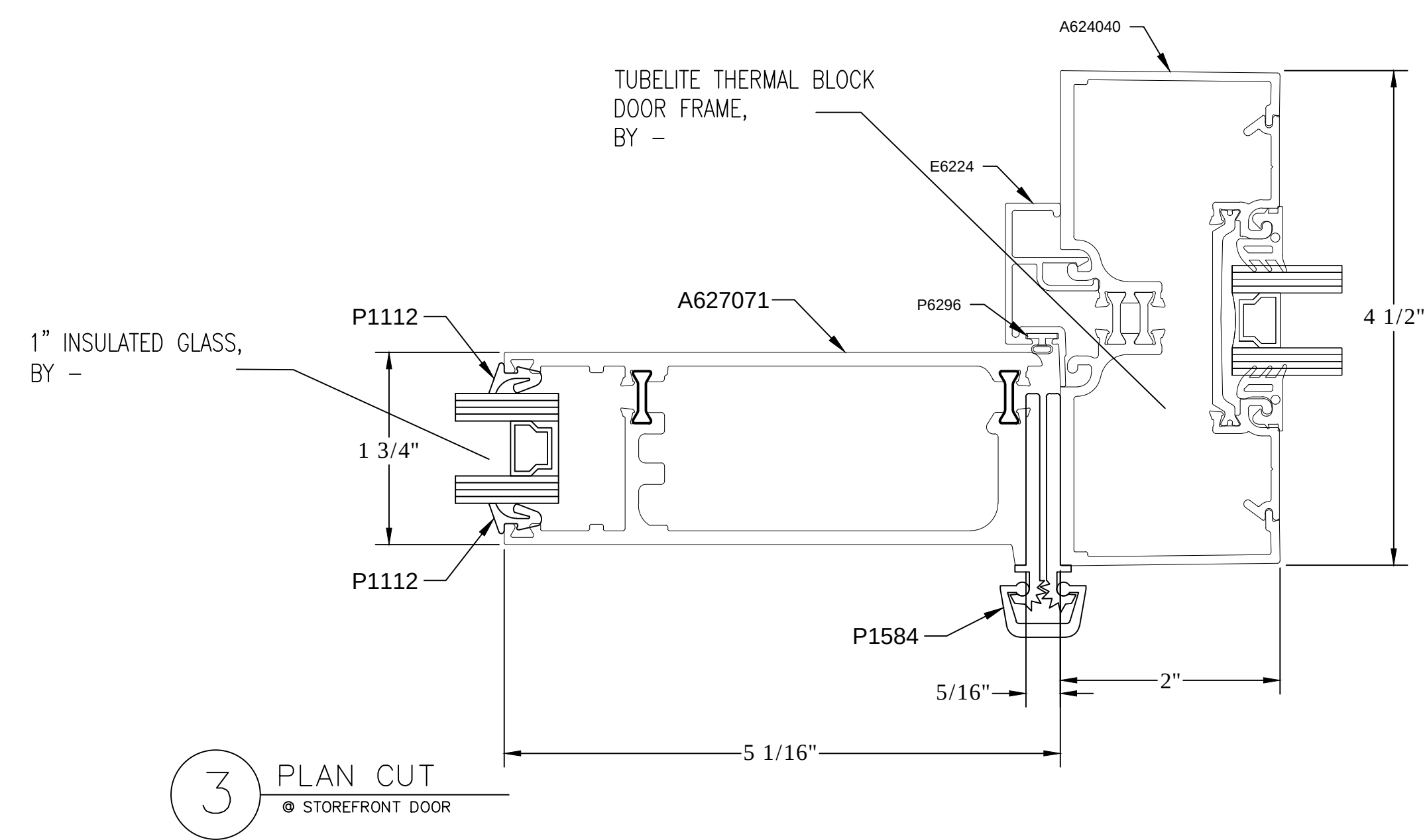
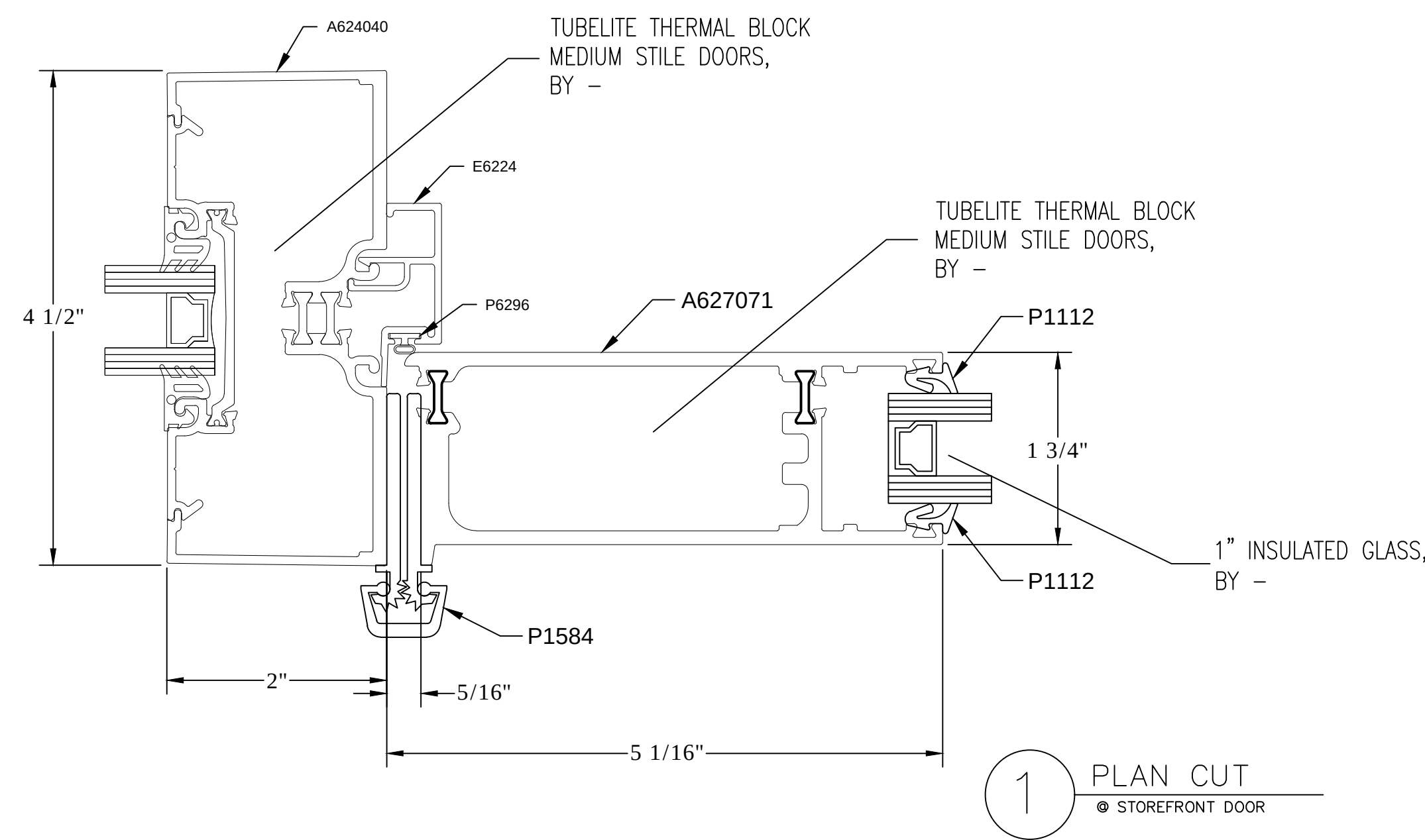
ARCHITECT:

ENGINEER:

DRAWN BY:
JAMES LUPICA
CHECKED BY:
KYLE SCHNECK
DATE:
01/15/2020

SHEET:

401



NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: DETAILS
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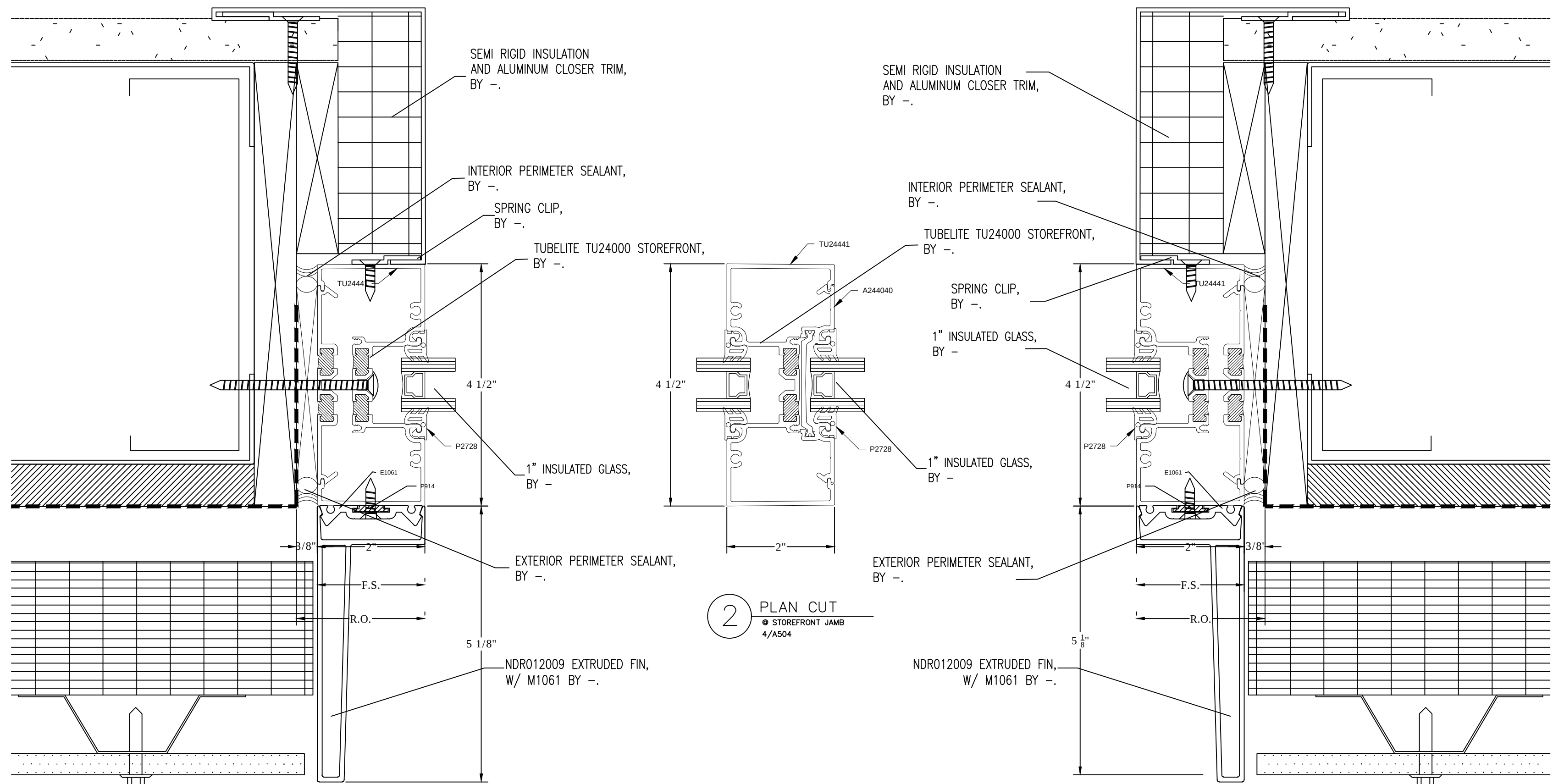
GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

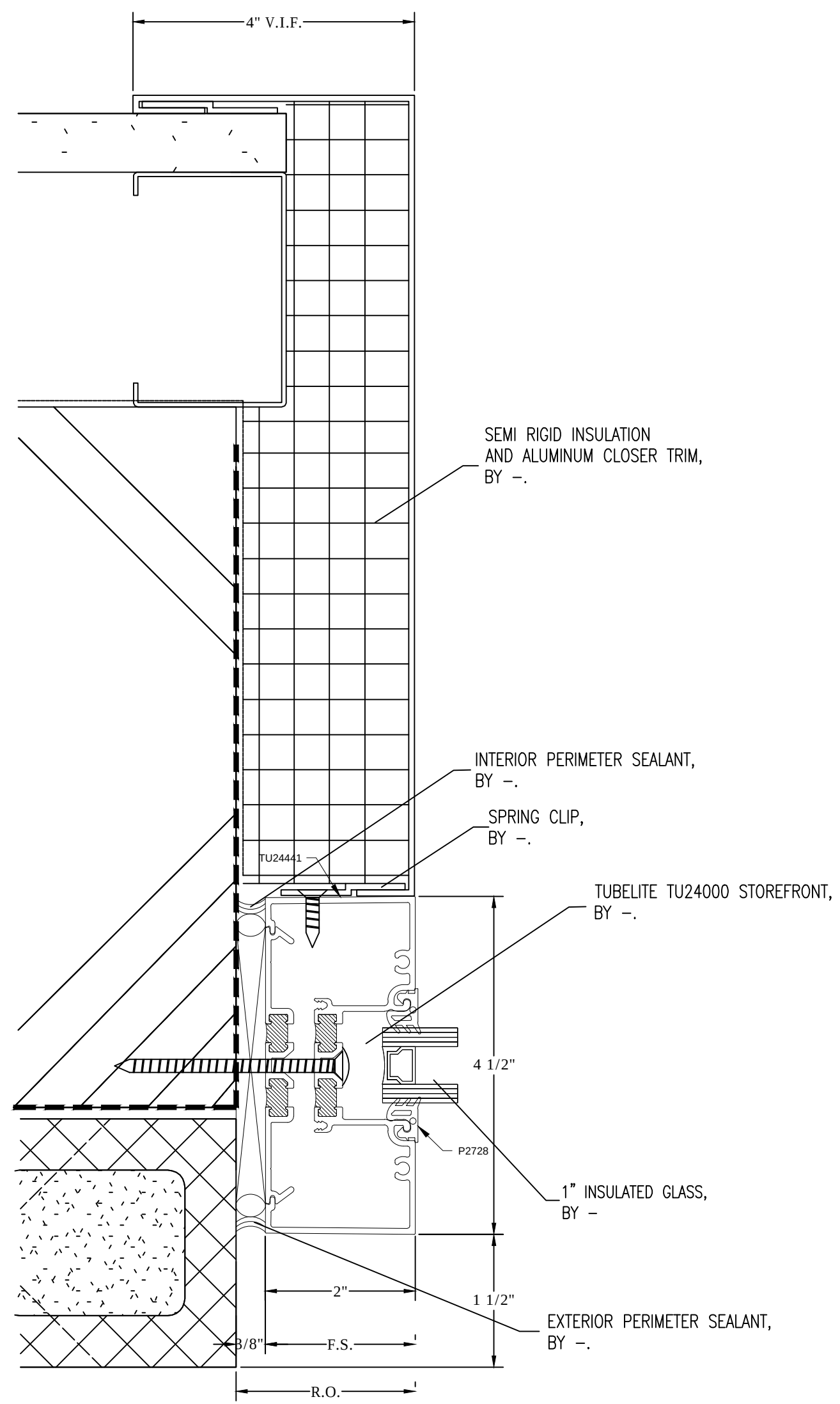
ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET: 402
CHECKED BY: KYLE SCHNECK	
DATE: 02/04/2020	

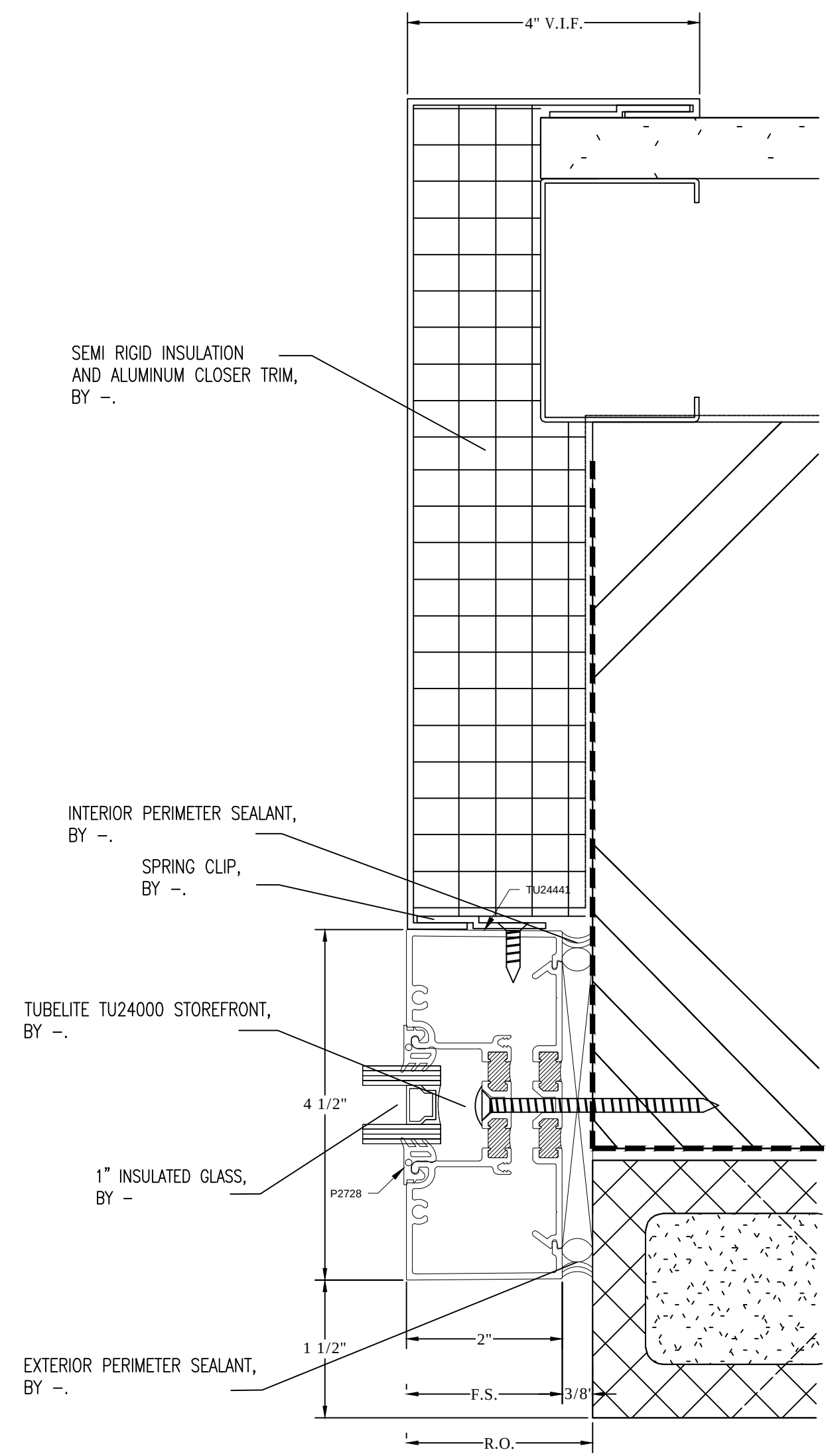


1 PLAN CUT
● STOREFRONT JAMB
4/A504

3 PLAN CUT
● STOREFRONT JAMB
4/A504



4 PLAN CUT
● STOREFRONT JAMB
8/A504



5 PLAN CUT
● STOREFRONT JAMB
8/A504

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: DETAILS
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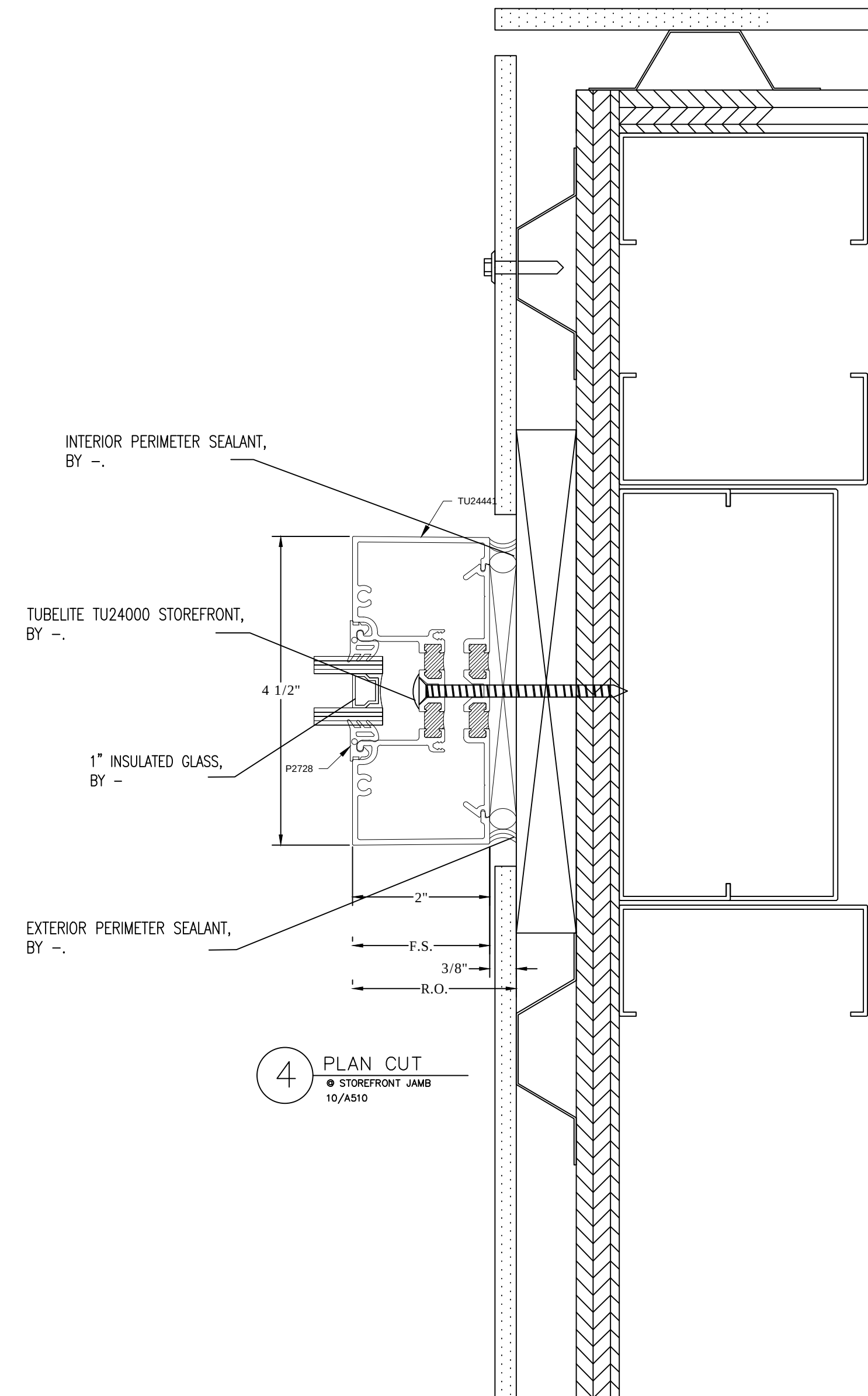
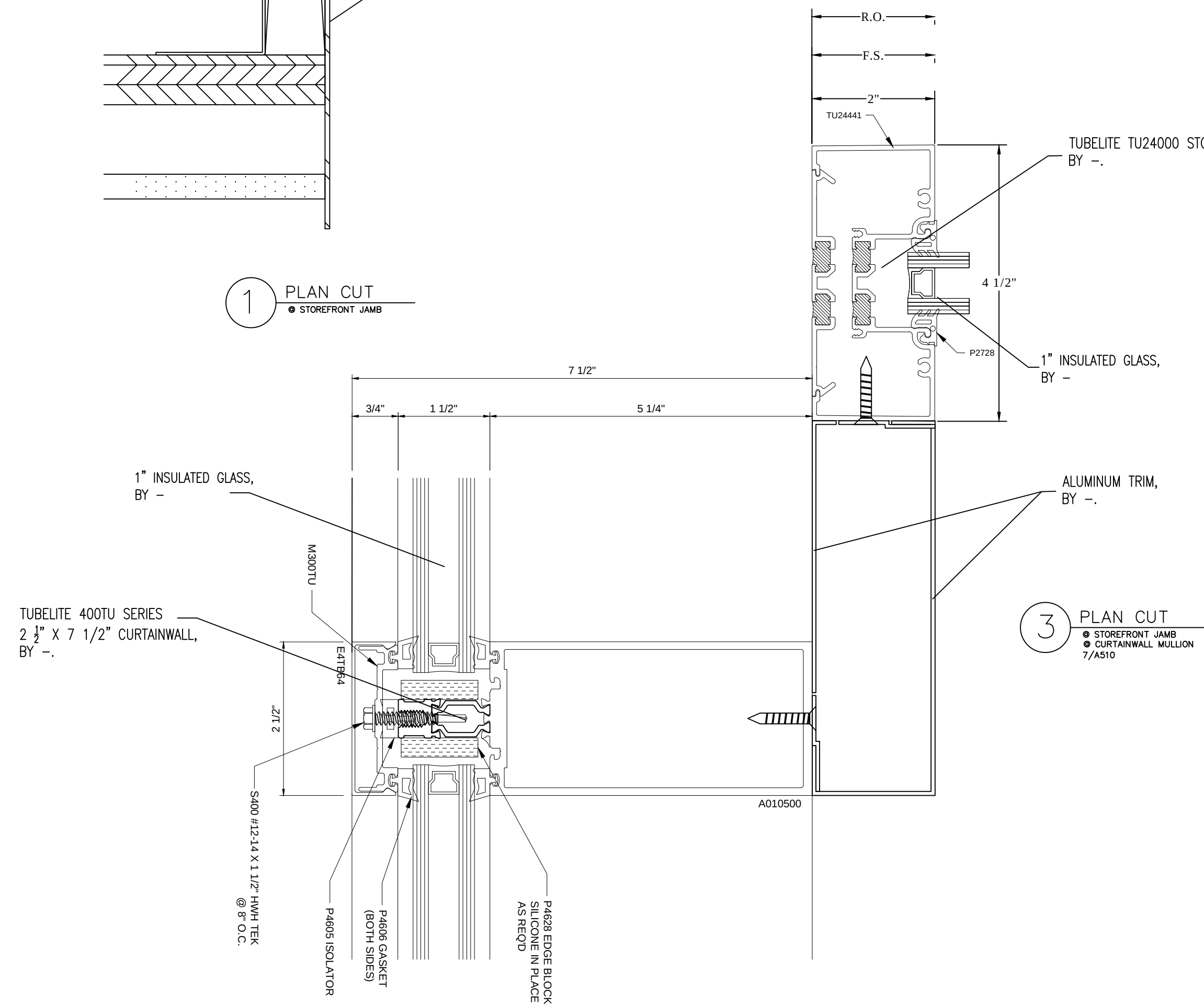
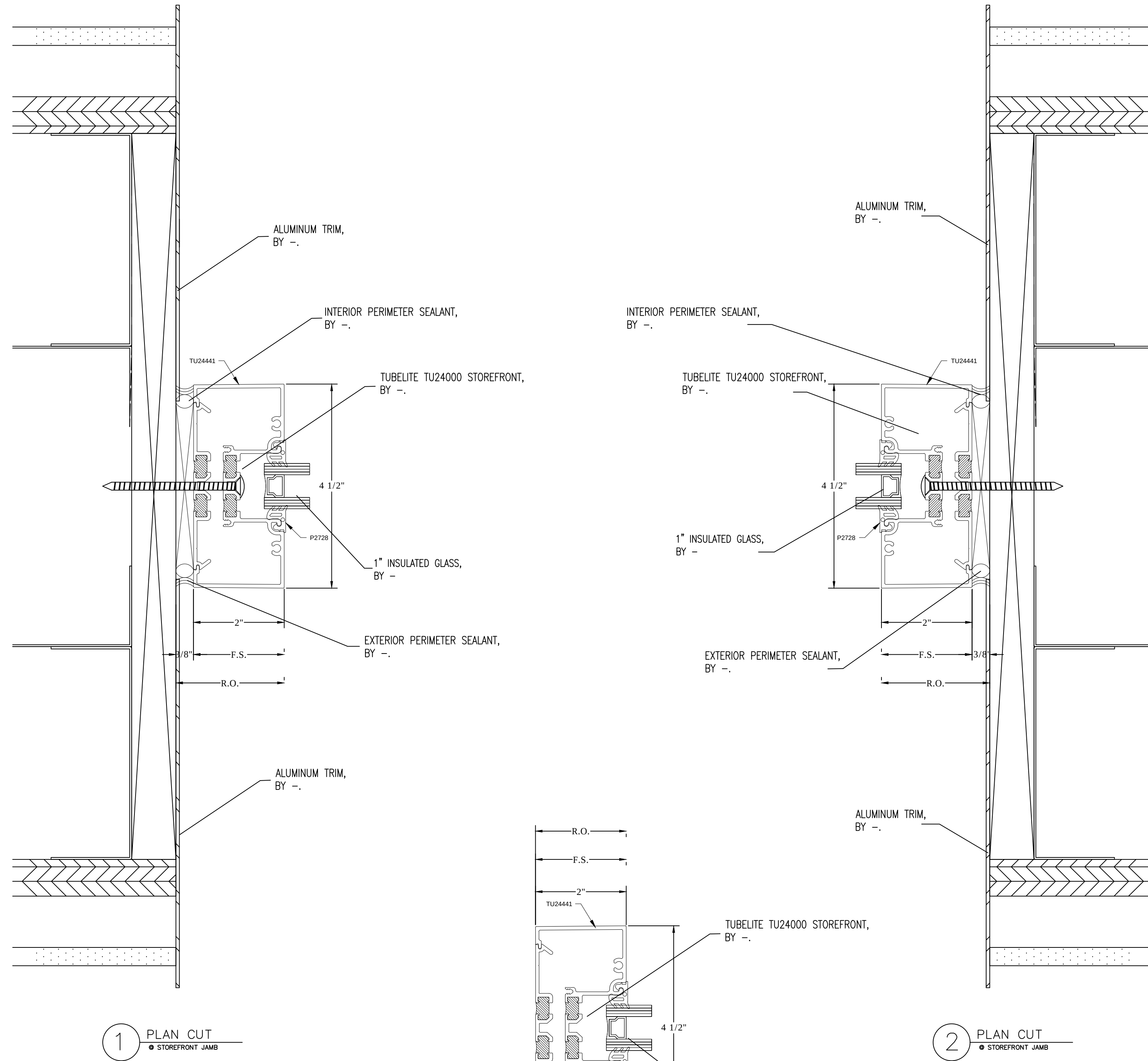
GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	403
DATE: 02/04/2020	



NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: DETAILS
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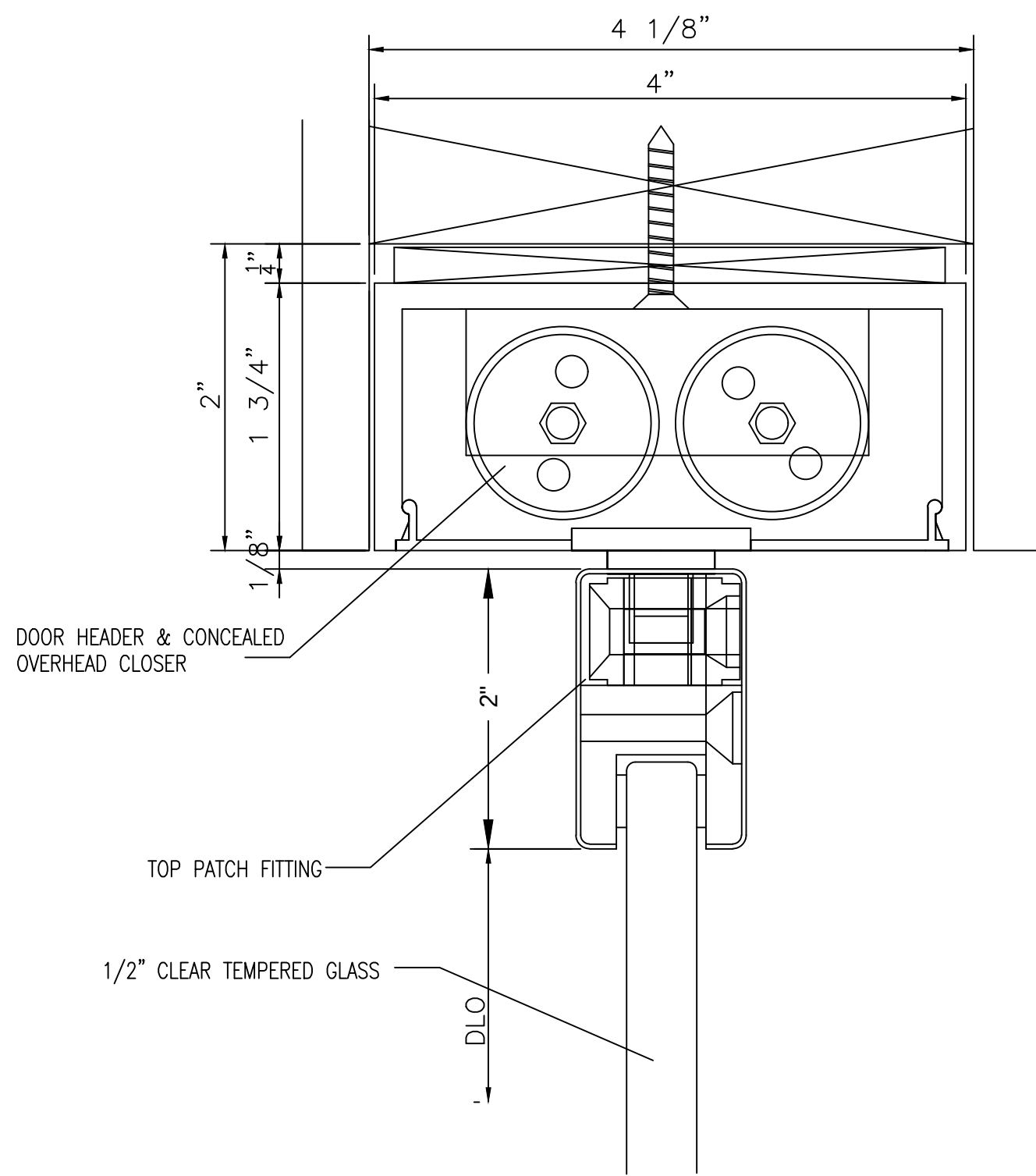
GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

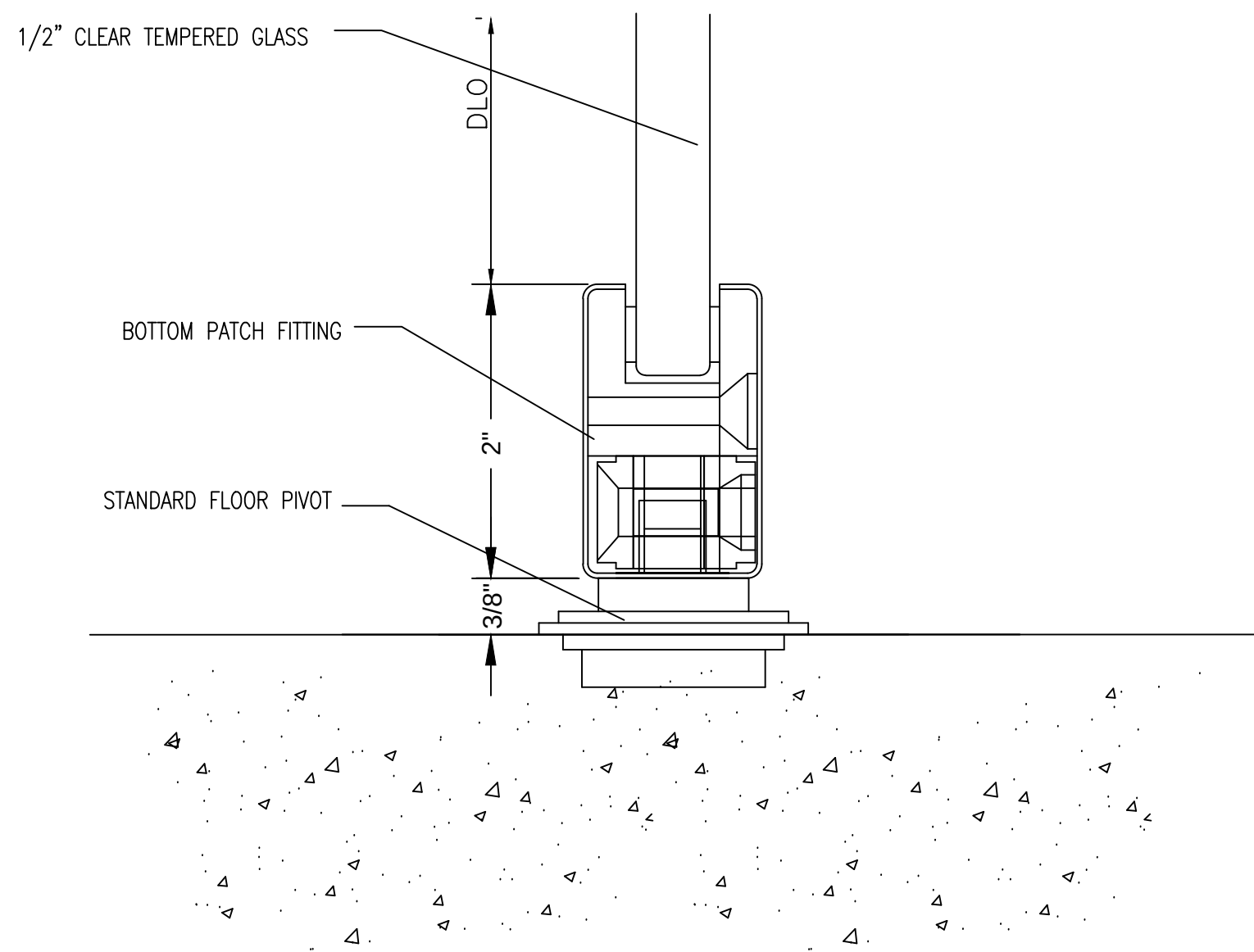
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ENGINEER:

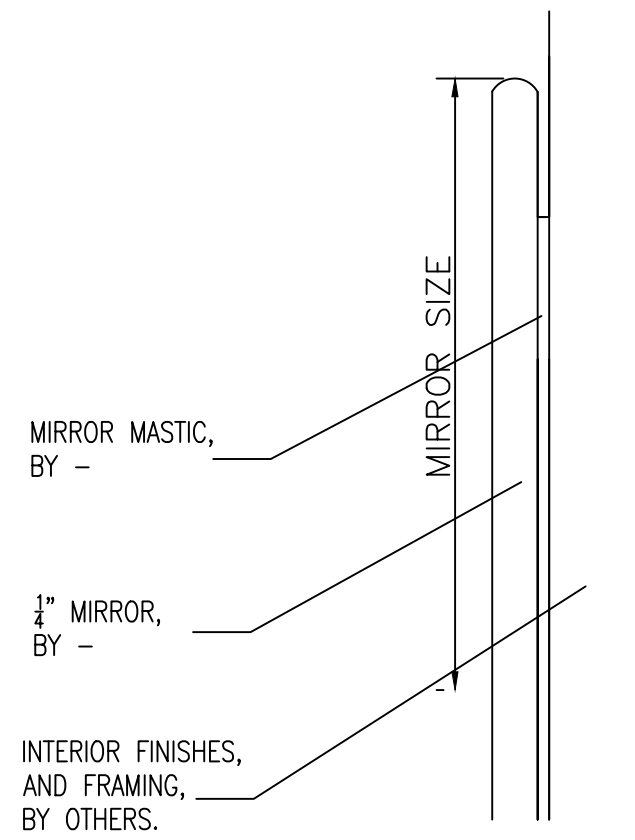
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DATE: 01/15/2020	



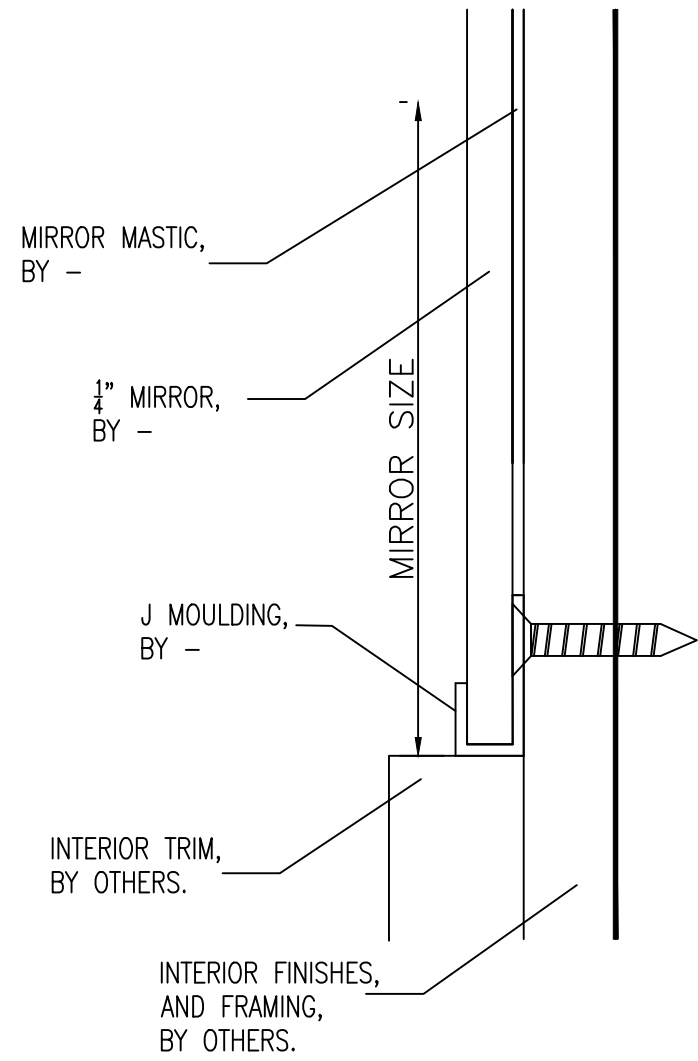
1 SECTION CUT
© DOOR TOP PATCH FITTING



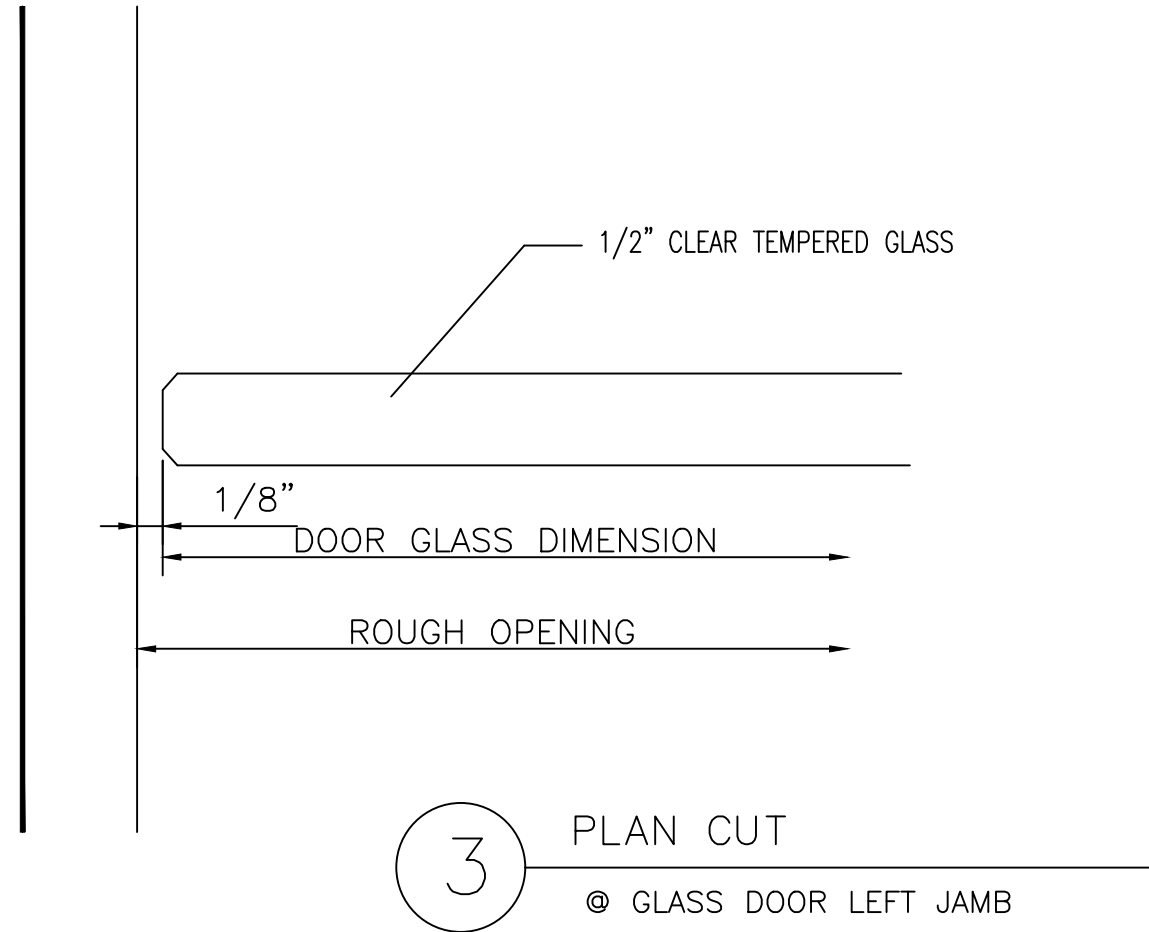
2 SECTION CUT
© DOOR BOTTOM PATCH FITTING



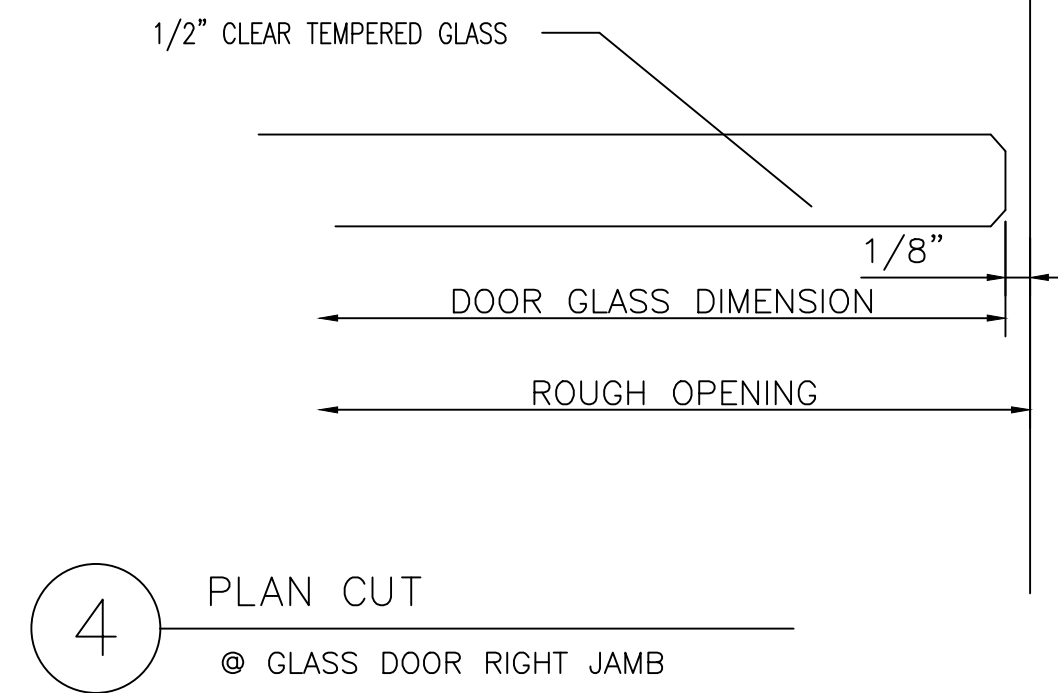
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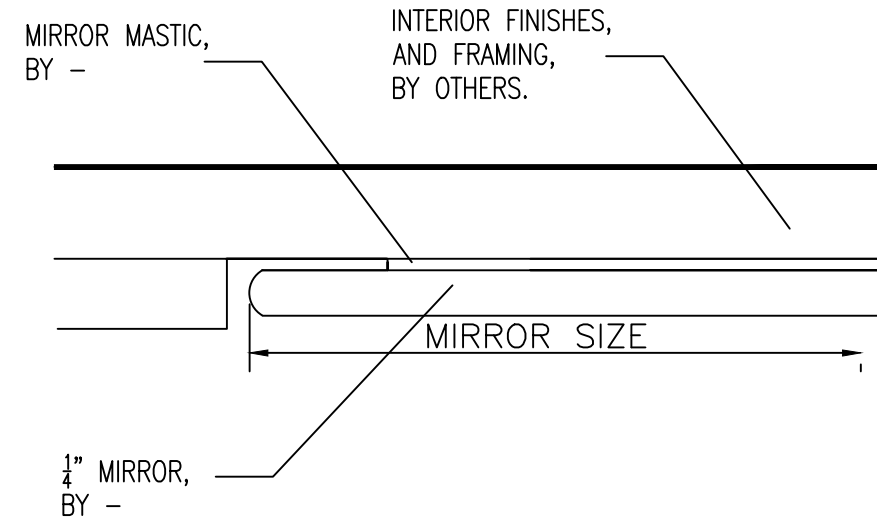
6 SECTION CUT



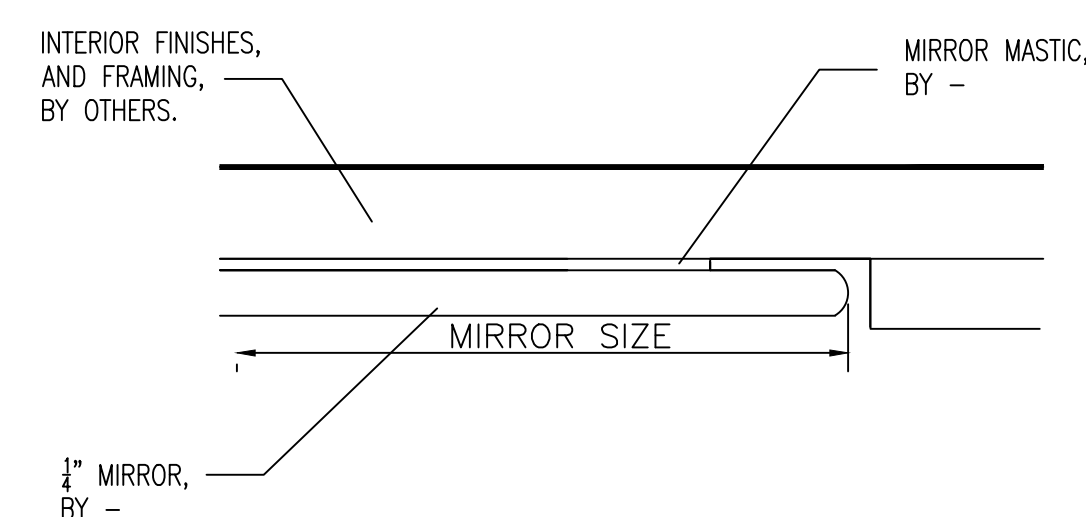
3 PLAN CUT
© GLASS DOOR LEFT JAMB



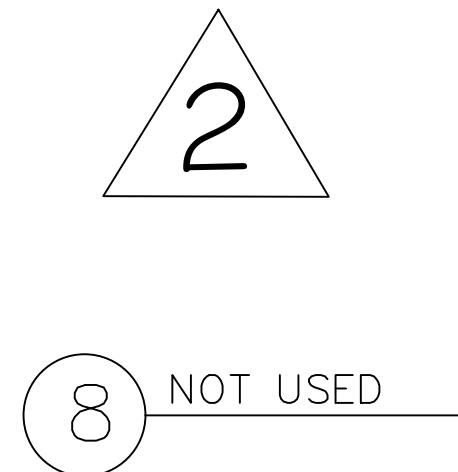
4 PLAN CUT
© GLASS DOOR RIGHT JAMB



7 PLAN CUT



9 PLAN CUT



8 NOT USED

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: DETAILS
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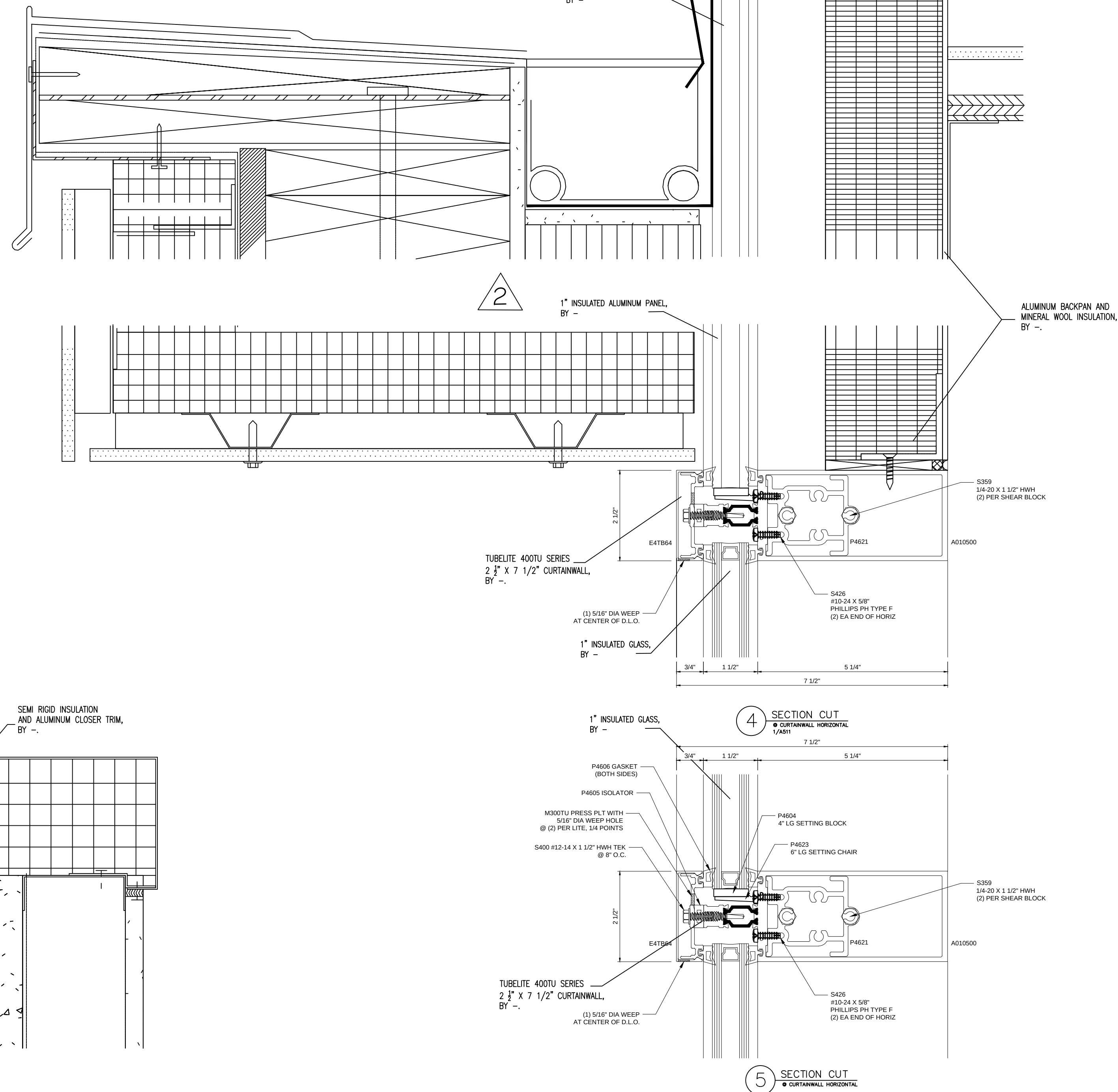
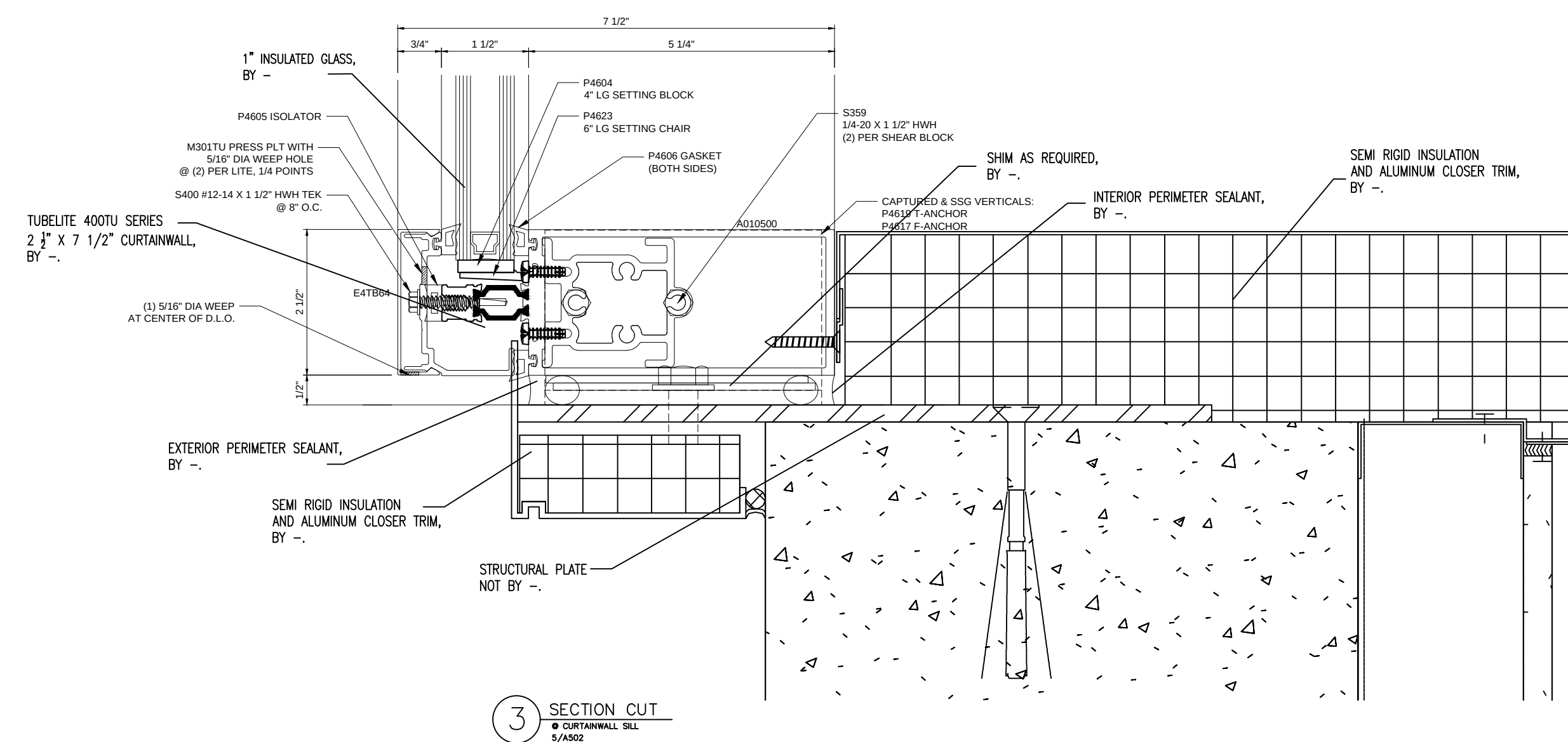
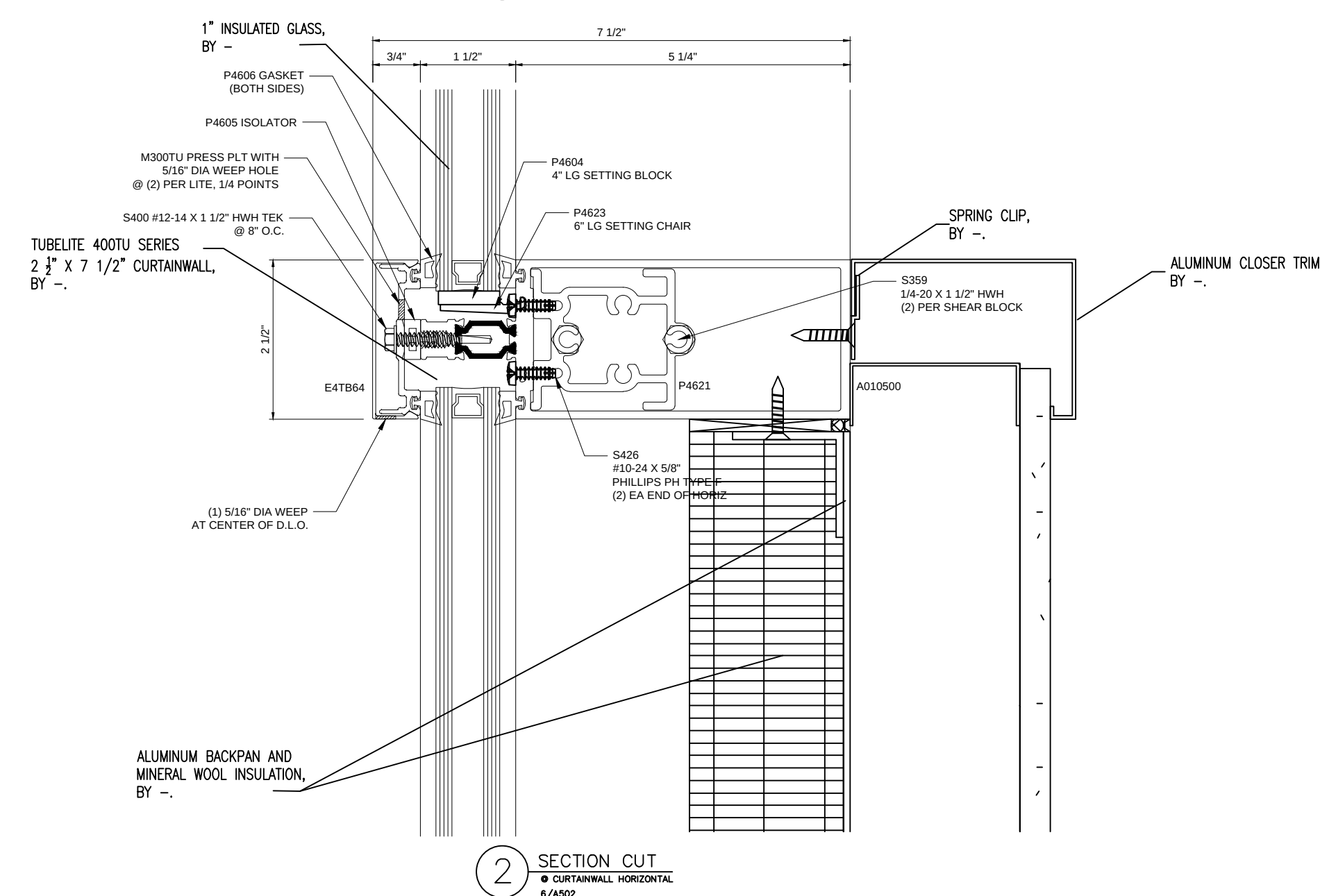
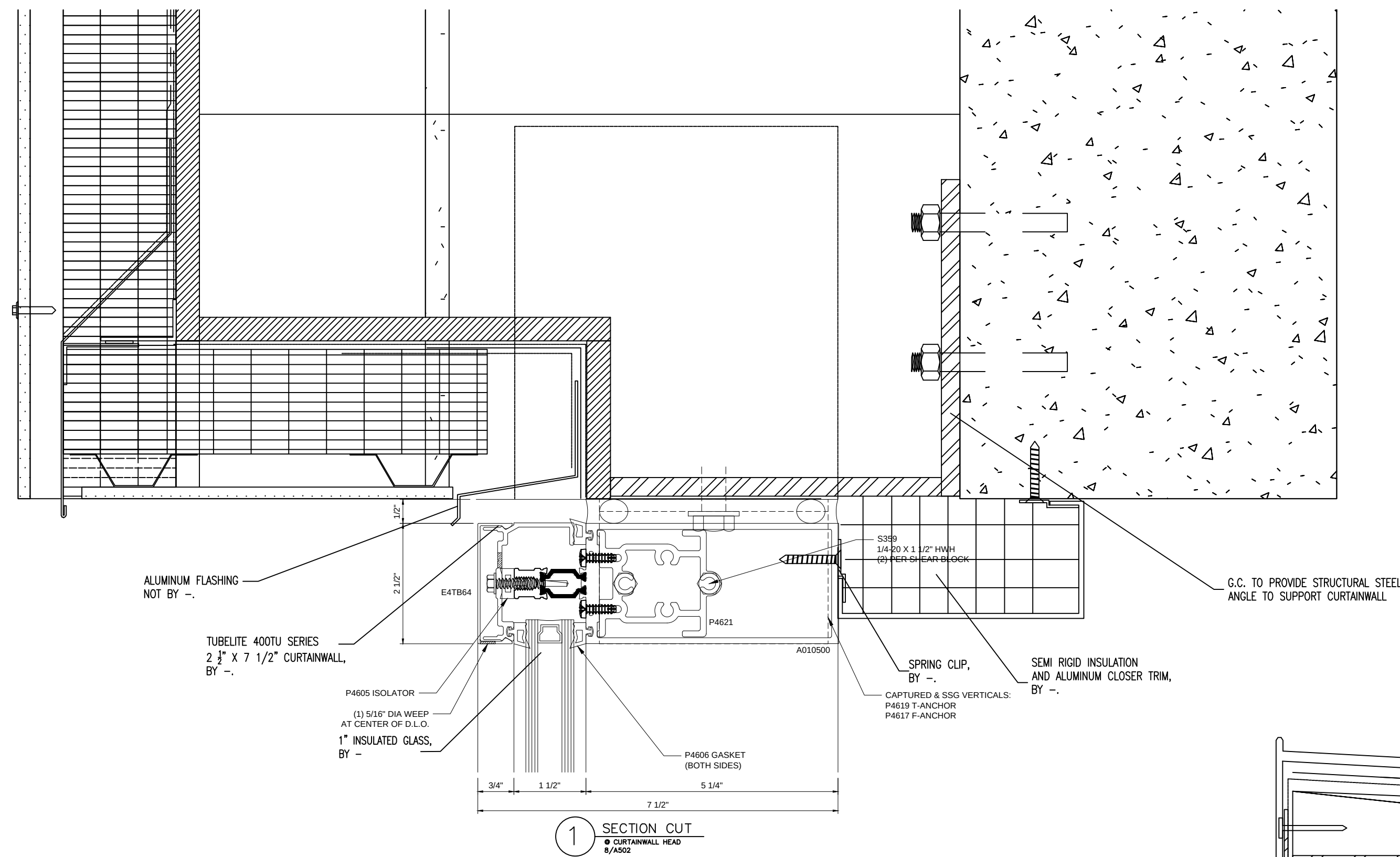
GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	405
DATE: 01/15/2020	



NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION:
 PENNOVATION MAIN LAB
 BASE BUILDING
 3401 GRAY FERRY AVENUE
 PHILADELPHIA, PA 19146

SHEET TITLE:
 DETAILS

GLASS CONTRACTOR:

DRAWN BY:

KS DRAFTING & DESIGN, LLC
 KYLE SCHNECK
 HARRISBURG, PA 17111
 KYLE@KSDRAFTINGDESIGNLLC.COM
 717-228-7114
 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY:
 JAMES LUPICA

CHECKED BY:
 KYLE SCHNECK

DATE:
 02/04/2020

SHEET:

406

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	PER COMMENTS	02/04/2020

PROJECT NAME & LOCATION:
PENNOVATION MAIN LAB
BASE BUILDING
3401 GRAY FERRY AVENUE
PHILADELPHIA, PA 19146

SHEET TITLE:
DETAILS

GLASS CONTRACTOR:

DRAWN BY:
KS DRAFTING & DESIGN, LLC
KYLE SCHNECK
HARRISBURG, PA 17111
KYLE@KSDRAFTINGDESIGNLLC.COM
717-228-7114
KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

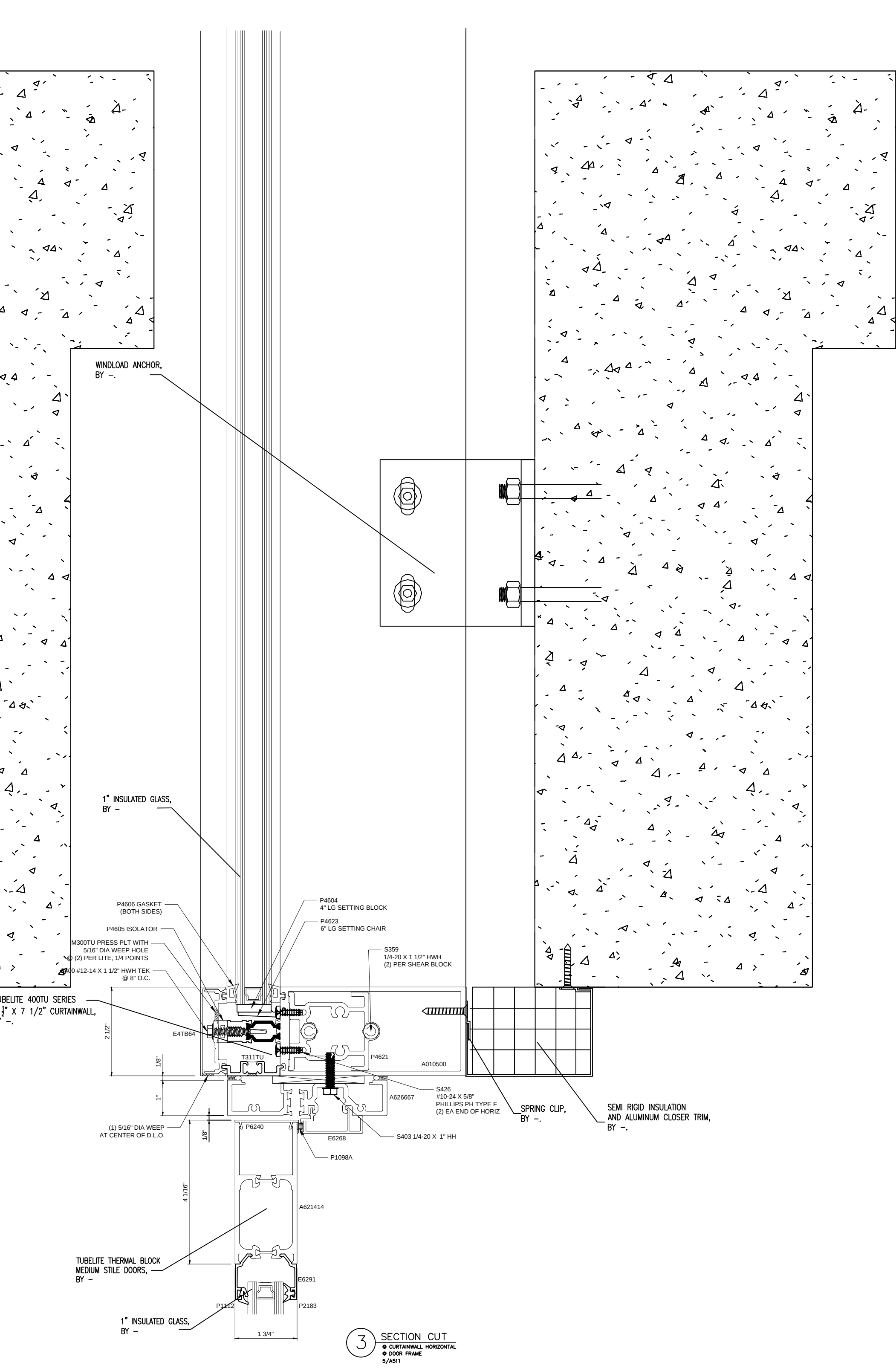
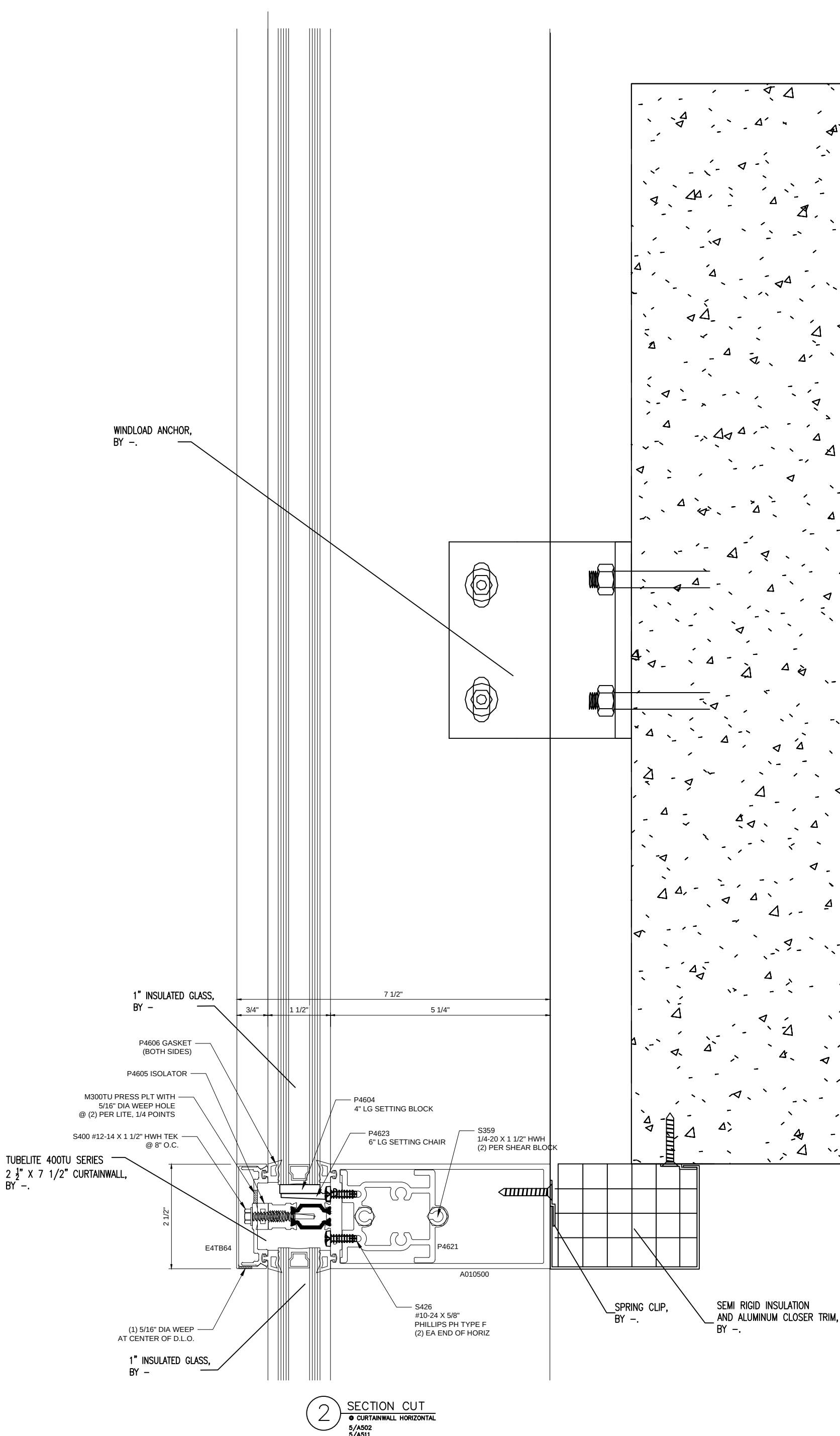
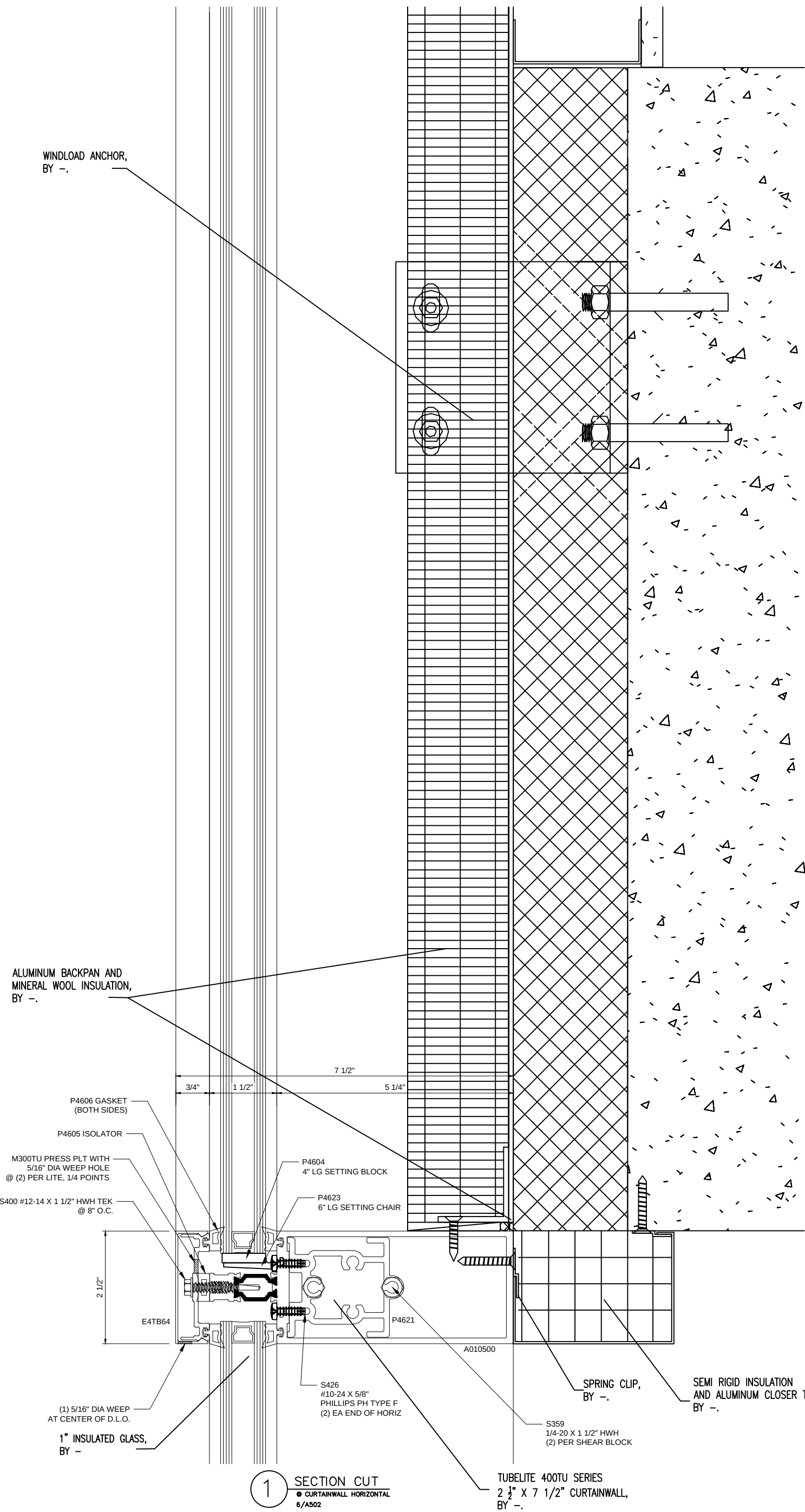
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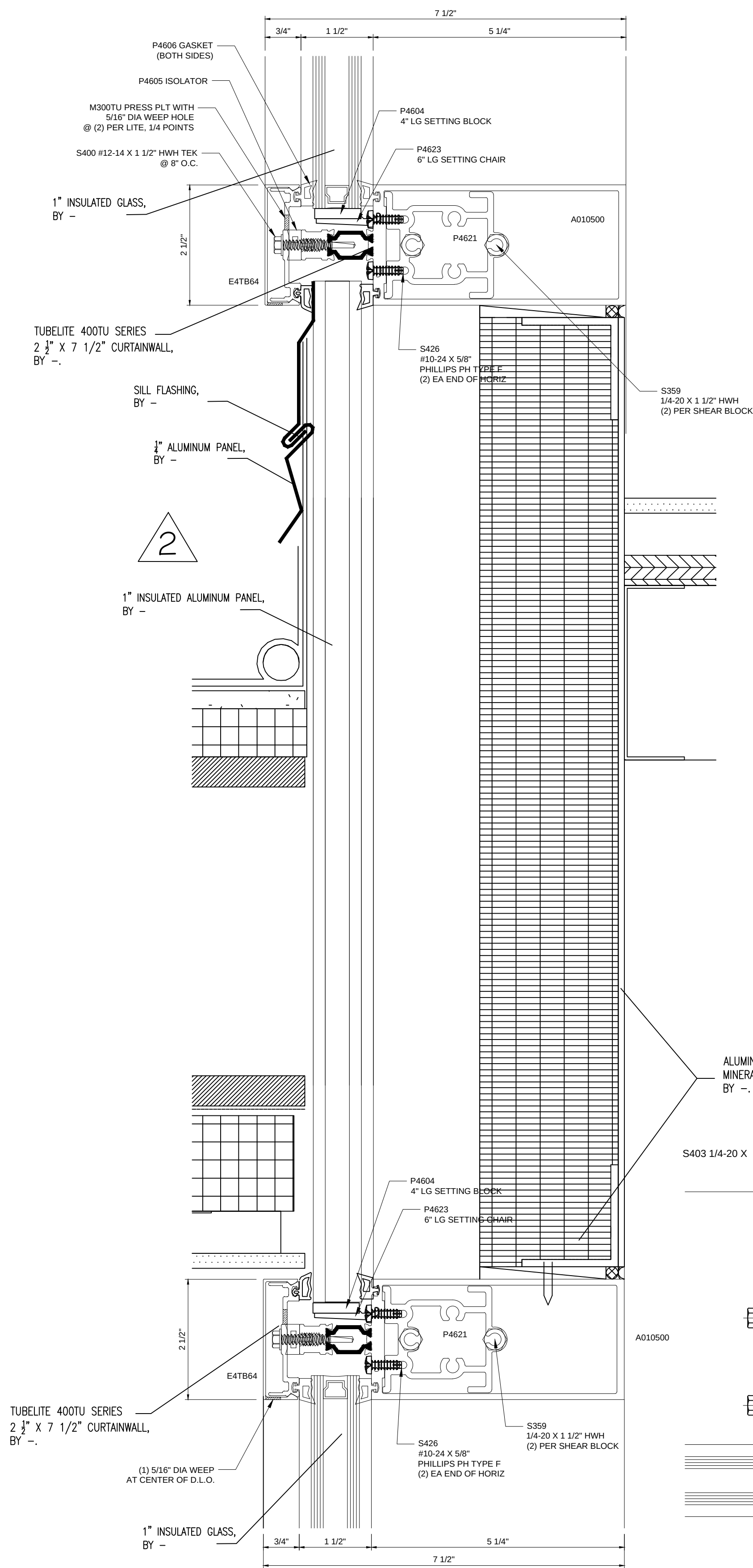
DRAWN BY:
JAMES LUPICA

CHECKED BY:
KYLE SCHNECK

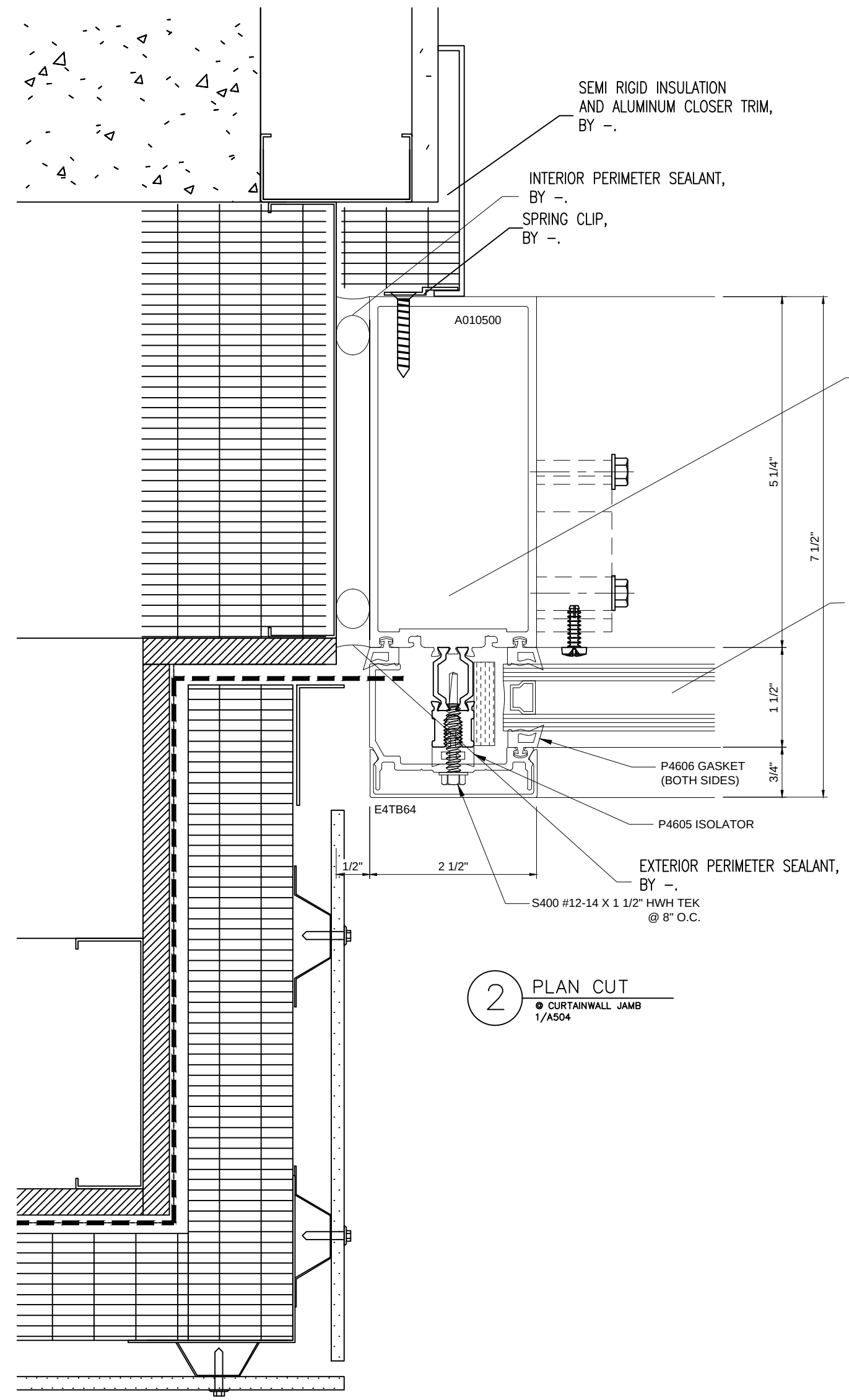
DATE:
02/04/2020

SHEET:
407

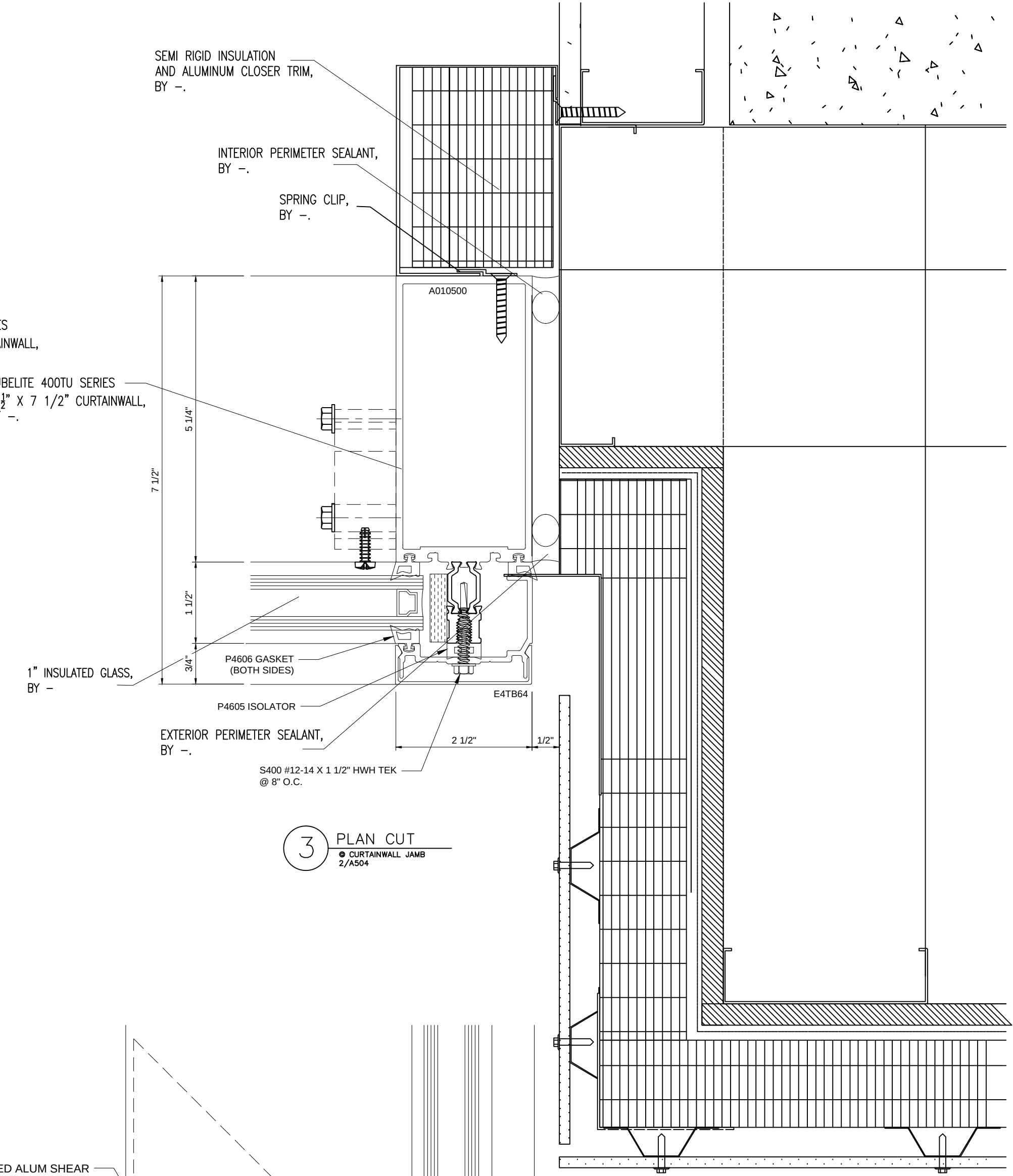




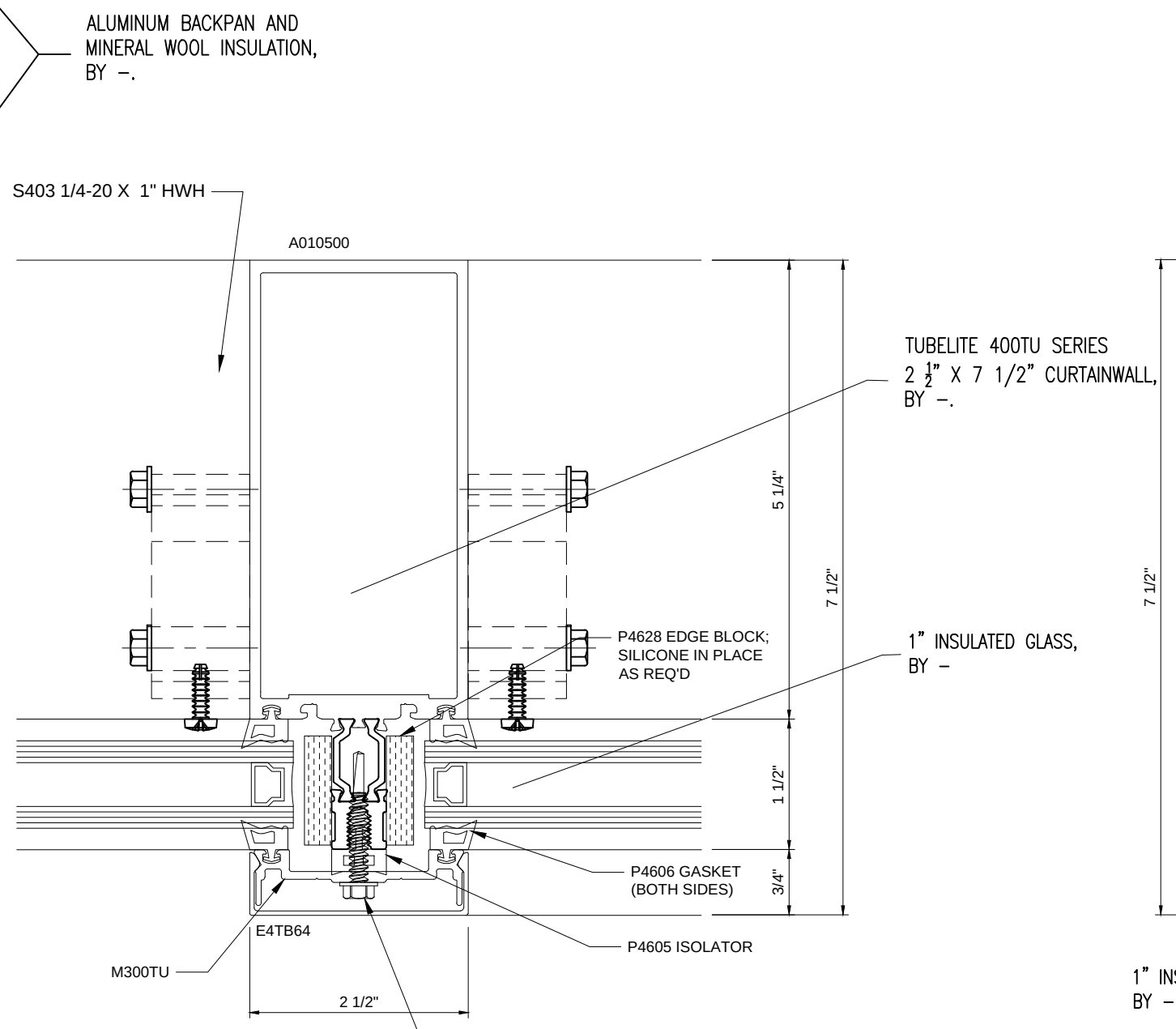
1 SECTION CUT
● CURTAINWALL HORIZONTAL
1/A511



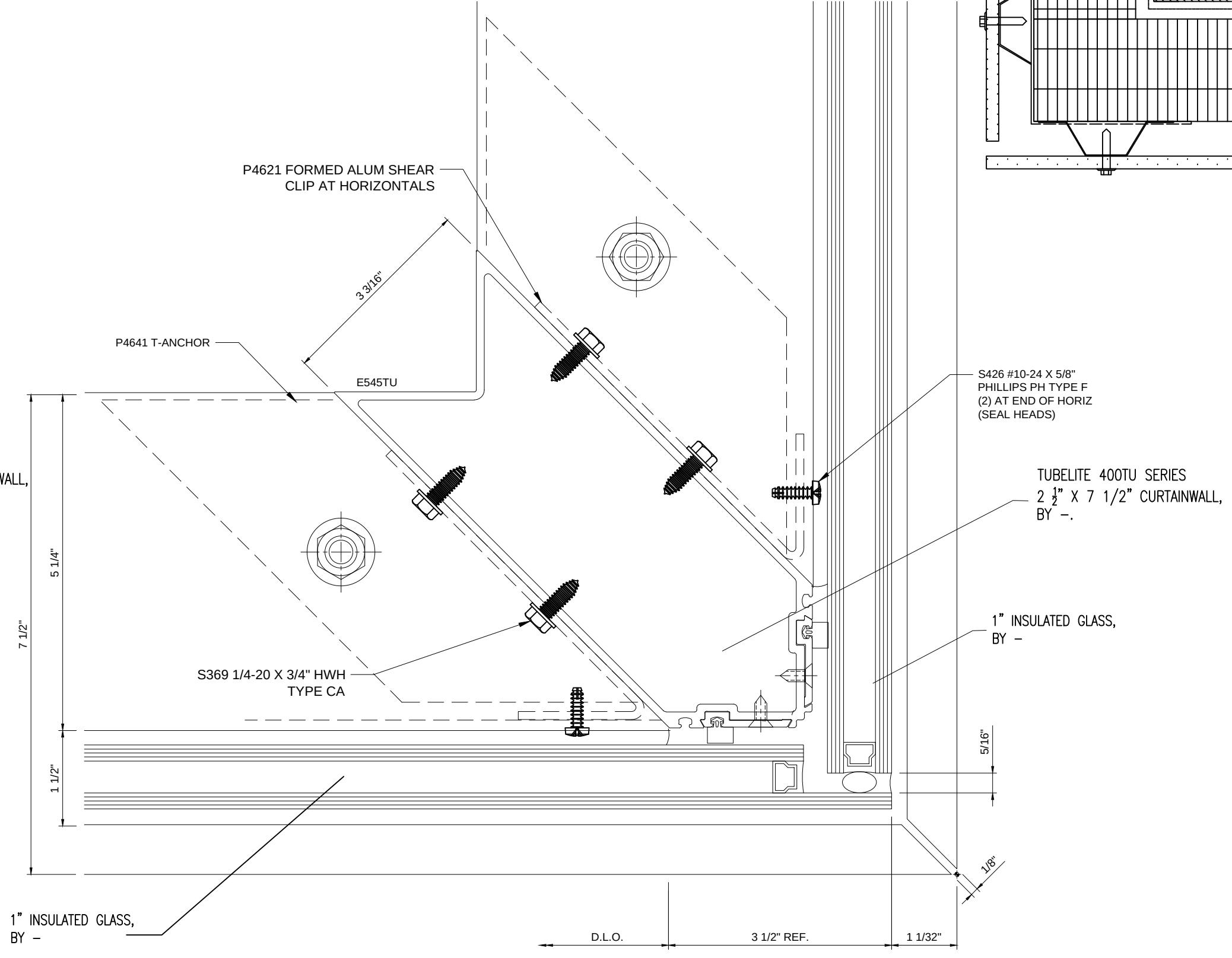
2 PLAN CUT
● CURTAINWALL JAMB
1/A504



3 PLAN CUT
● CURTAINWALL JAMB
2/A504



4 PLAN CUT
● CURTAINWALL MULLION
6/A510



5 PLAN CUT
● CURTAINWALL MULLION
6/A510

NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020
2	REVISED 2ND SUBMISSION	02/19/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: DETAILS
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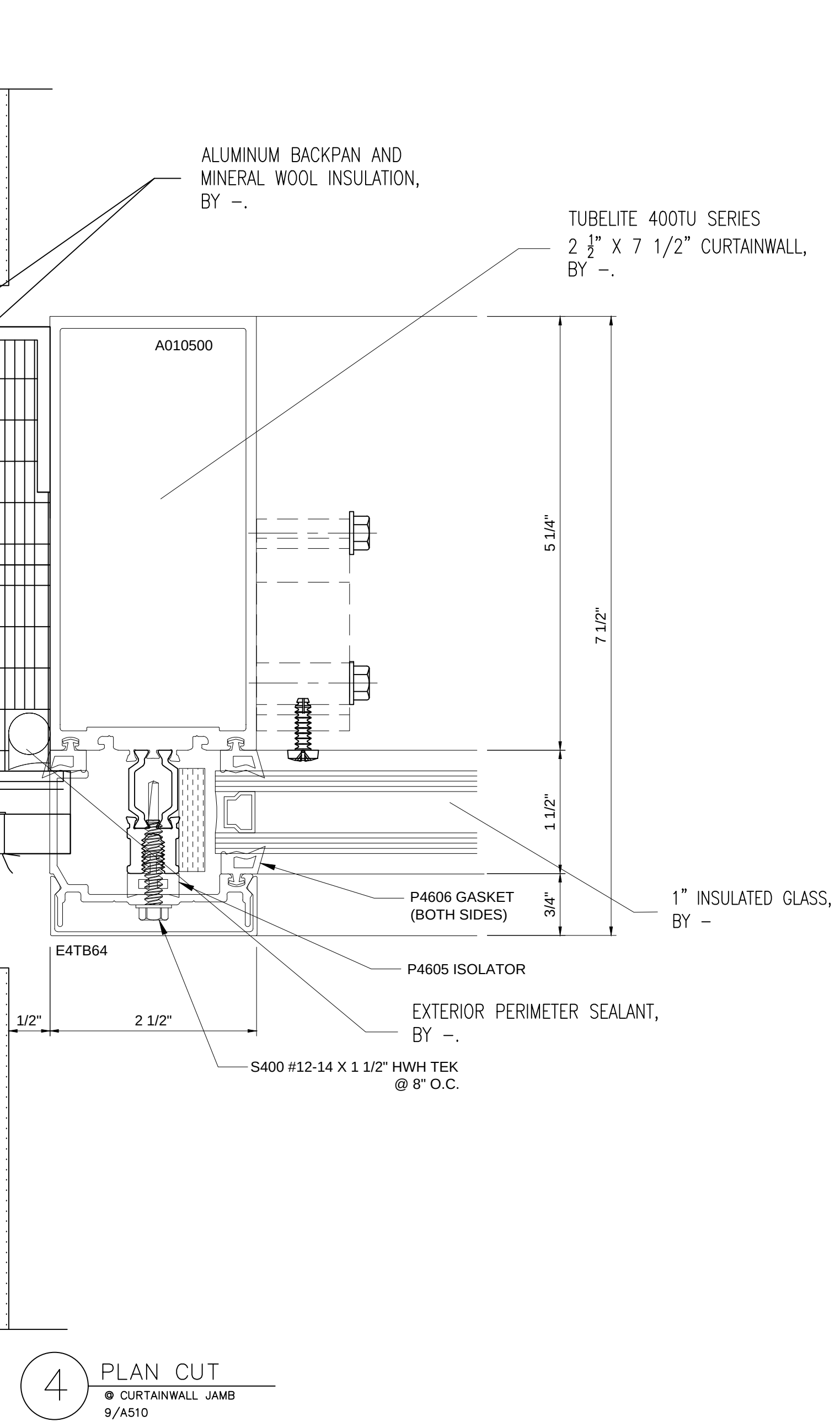
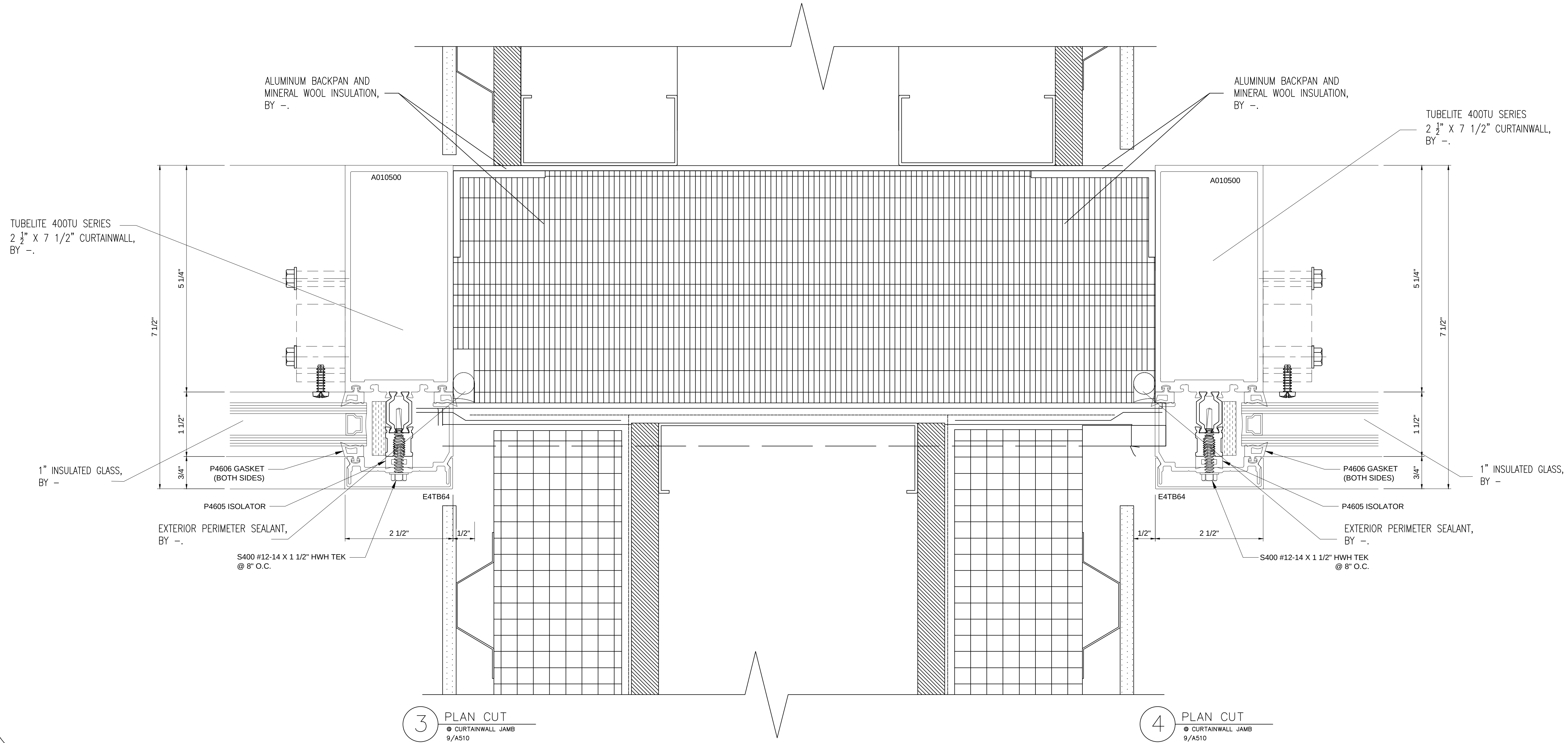
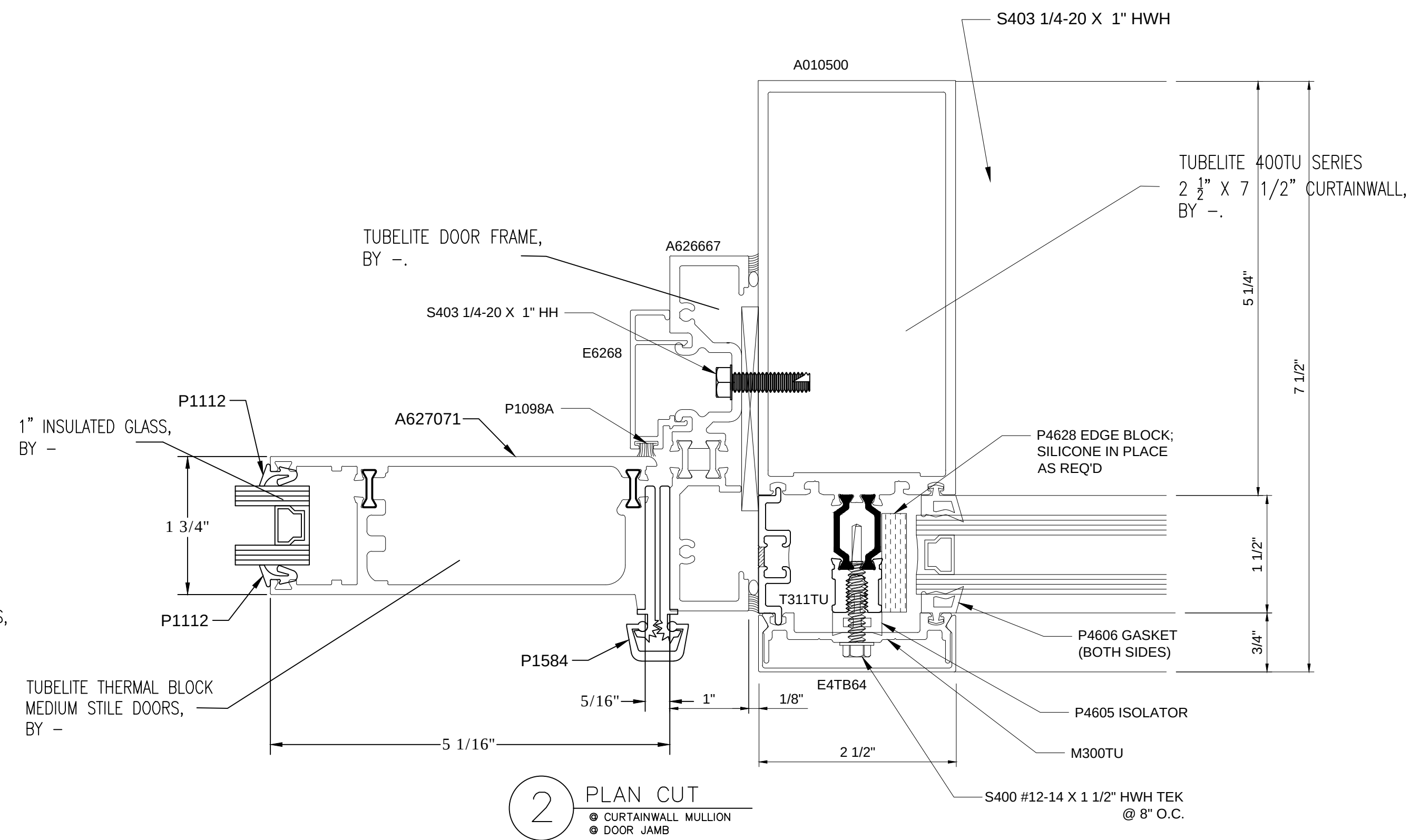
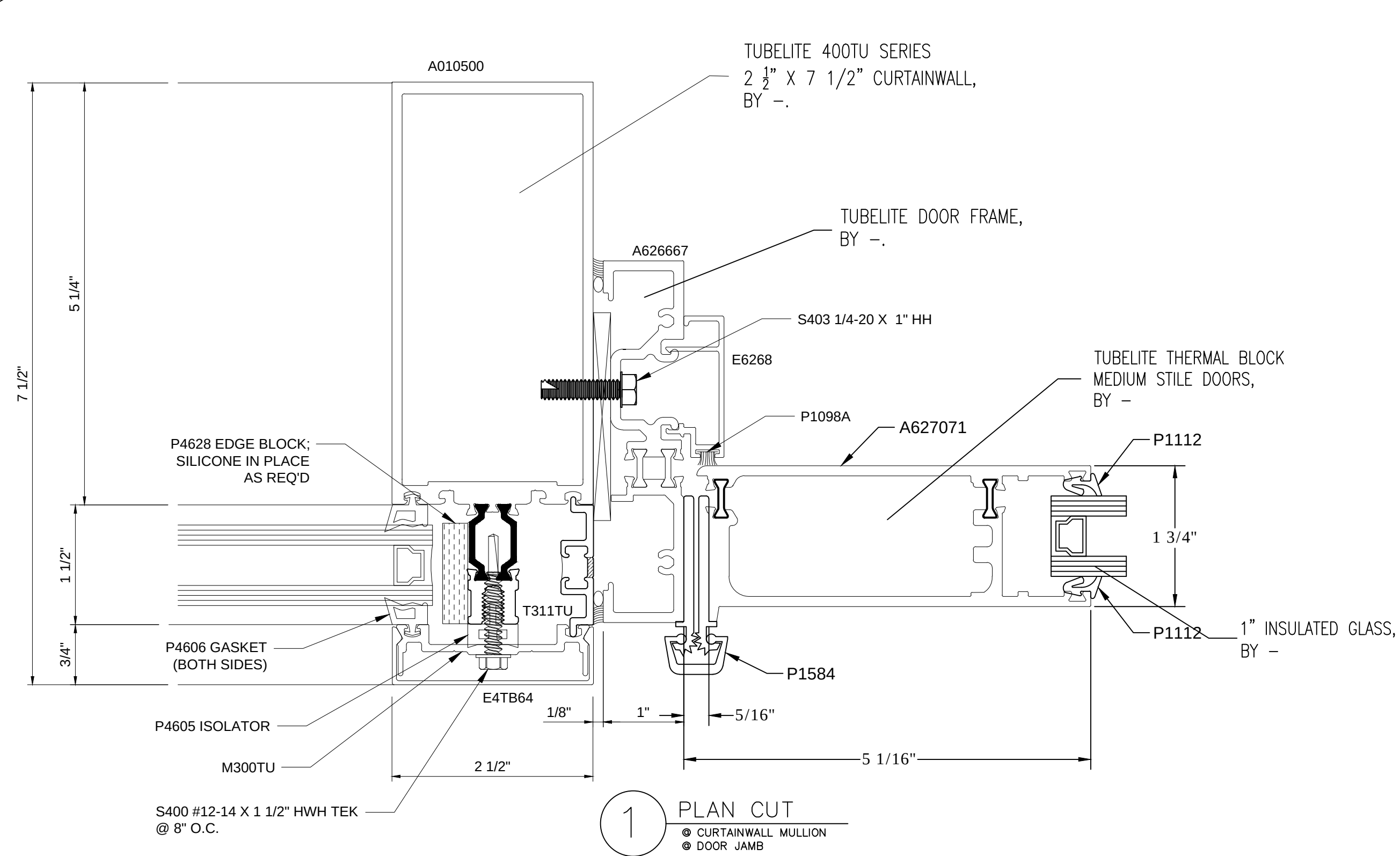
GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	408
DATE: 02/04/2020	



NO.	REVISION/ISSUED	DATE
1	1ST SUBMITTAL	01/15/2020

PROJECT NAME & LOCATION: PENNOVATION MAIN LAB BASE BUILDING 3401 GRAY FERRY AVENUE PHILADELPHIA, PA 19146	SHEET TITLE: DETAILS
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GLASS CONTRACTOR:

DRAWN BY: KS DRAFTING & DESIGN, LLC KYLE SCHNECK HARRISBURG, PA 17111 KYLE@KSDRAFTINGDESIGNLLC.COM 717-228-7114 KSDRAFTINGDESIGNLLC.COM

ARCHITECT:

ENGINEER:

DRAWN BY: JAMES LUPICA	SHEET:
CHECKED BY: KYLE SCHNECK	409
DATE: 02/04/2020	