

JOB: MISSOURI COTTON EXCHANGE, 3420  
 BUTTONWOOD DRIVE, COLUMBIA, MISSOURI  
 G.C.: P.C. & E., COLUMBIA, MISSOURI  
 ARCHITECT: PECKHAM & WRIGHT  
 ARCHITECTS, INC., COLUMBIA, MISSOURI  
 GLAZING SUBCONTRACTOR:  
 KOONSE GLASS COMPANY, COLUMBIA,  
 MISSOURI

**ACCURATE DRAFTING, INC. DRAWING GUIDELINES**

ALL FASTENERS SHOWN ON THIS SHOP DRAWING ARE FOR REFERENCE ONLY. ACTUAL FASTENER TYPES AND SIZES SHOULD BE BASED ON ACTUAL CONDITIONS AND/OR CONSTRUCTION MATERIALS FOUND ON SITE.

ALL PART NUMBERS SHOWN ON THIS SHOP DRAWING SHOULD BE VERIFIED PRIOR TO ORDERING MATERIALS.

ALL DIMENSIONS SHOWN ON THIS SHOP DRAWING SHOULD BE CHECKED/VERIFIED PRIOR TO THE ORDERING OF ANY MATERIALS AND PRIOR TO THE FABRICATION AND INSTALLATION OF ANY MATERIALS.

ALL STEEL CLIP ASSY'S AND INTERNAL STEEL REINFORCING SHOWN ON THIS SHOP DRAWING ARE FOR REFERENCE ONLY. ACTUAL STEEL SIZES AND THICKNESSES SHOULD BE DETERMINED BY OTHERS BASED ON THE ARCHITECT'S WINDOW/DEADLOAD REQUIREMENTS OUTLINED IN THE SPECIFICATIONS.

FABRICATION AND INSTALLATION OF THE FRAMING AND GLASS SHOWN ON THIS SHOP DRAWING SHOULD BE PERFORMED IN ACCORDANCE WITH INDUSTRY STANDARDS AND THE RESPECTIVE MANUFACTURER'S INSTRUCTIONS AND GUIDELINES.

THESE DRAWINGS WERE PREPARED WITHOUT THE BENEFIT OF A FULL SET OF ARCHITECTURAL DRAWINGS. SOME PERIMETER CONDITIONS MAY BE SHOWN AS UNKNOWN. THESE CONDITIONS SHOULD BE VERIFIED PRIOR TO FABRICATION AND INSTALLATION FOR THEIR EFFECT ON THE WORK BEING PERFORMED.

THESE DRAWINGS WERE PREPARED WITHOUT THE BENEFIT OF STRUCTURAL DRAWINGS. THIS MAY AFFECT THE LOCATION AND SIZING OF STEEL CLIP CONNECTIONS AND SPLICE JOINTS. THE STRUCTURAL LAYOUT IN THESE AREAS SHOULD BE VERIFIED PRIOR TO FABRICATION AND INSTALLATION OF THE WORK.

SHOP DRAWING DISCLAIMER: THIS DISCLAIMER APPLIES TO ACCURATE DRAFTING'S CUSTOMER AS WELL AS ANY PARTY USING THESE DRAWINGS TO OBTAIN INFORMATION NEEDED TO ORDER, COORDINATE, FABRICATE AND INSTALL MATERIALS FOR THIS PROJECT. THIS APPLIES ALSO TO TRADES OTHER THAN GLASS AND GLAZING.

THIS DRAWING IS AN INTERPRETATION OF THE ARCHITECT'S DRAWINGS BY ACCURATE DRAFTING COMPANY. THIS DRAWING WAS GENERATED FOR ACCURATE DRAFTING'S CUSTOMER. THE INTERPRETATION OF THE ARCHITECT'S DRAWINGS IS AFFECTED BY THE INFORMATION GIVEN TO ACCURATE BY ITS CUSTOMER AS WELL AS INDUSTRY STANDARDS AND MANUFACTURER TECHNICAL INFORMATION. IN CASES WHERE ACCURATE IS NOT PROVIDED WITH THE NECESSARY INFORMATION IT WILL BE ACCURATE'S DECISION WHETHER TO ASSUME, EXTRAPOLATE OR OMIT THIS INFORMATION IN ORDER TO COMPLETE THE SHOP DRAWINGS. IT IS THE RESPONSIBILITY OF ACCURATE'S CUSTOMER (OR THE END USER IF APPLICABLE) TO REVIEW THE SHOP DRAWINGS. REVIEW OF THE SHOP DRAWINGS INCLUDES, BUT IS NOT LIMITED, TO THE FOLLOWING ITEMS: DIMENSIONS, QUANTITIES, HANDING OF DOORS/FRAMES COLORS, THICKNESSES, SAFETY GLASS, GLASS TYPES, COATING TYPES, COATING LOCATIONS, DOOR STILE TYPES, FRAMING TYPES, HARDWARE, ALIGNMENT OF HORIZONTAL AND/OR VERTICAL FRAMING MEMBERS WITH ARCHITECTURAL ACCENTS/TRIM. ACCURATE DRAFTING NOR ITS DRAFTSMAN SHALL BE LIABLE OR RESPONSIBLE FINANCIALLY FOR ANY ERRORS AND/OR OMISSIONS FROM THESE SHOP DRAWINGS. ARCHITECTURAL AND/OR CONTRACTOR APPROVAL DOES NOT RELIEVE ACCURATE'S CUSTOMER FROM REVIEWING THESE DRAWINGS AS NOTED ABOVE.

NOTE: IN CASES WHERE NO ARCHITECTURAL DRAWINGS WERE PROVIDED TO ACCURATE THE SAME DISCLAIMER ITEMS NOTED ABOVE STILL APPLY TO WHATEVER INFORMATION WAS PROVIDED TO ACCURATE TO PERFORM THE SHOP DRAWINGS.

← AREA FOR  
 ARCHITECT/G.C.  
 APPROVAL  
 STAMPS AND  
 COMMENTS

THIS SET OF SHOP DRAWINGS WAS  
 GENERATED USING THE FOLLOWING  
 ITEMS....

--ACCURATE DRAFTING QUESTIONNAIRE (RECEIVED AND PROPERLY FILLED  
 OUT BY KOONSE GLASS)

--ARCHITECTURAL DRAWING SHEETS....

G002, A101, A201, A301, A401, A402, A601, A602 AND A603: LATEST DATE  
 ON SHEETS IS 11.22.2006

REVISION #	DATE	BY

REVISIONS

**GENERAL NOTES:**

- FRAMING SYSTEMS USED ON THIS PROJECT....  
 PITTCO ARCHITECTURAL METALS, INC.  
 TMS 114T, 2" X 4 1/2", THERMALLY-BROKEN, FLUSH GLAZE, ALUMINUM STOREFRONT SYSTEM FOR 1" GLASS
- DOOR TYPES USED ON THIS PROJECT....  
 PITTCO ARCHITECTURAL METALS, INC.  
 "MEDIUM" STILE, 1 3/4" DEPTH, ALUMINUM SWINGING DOORS FOR 1" GLASS
- WINDOW SYSTEMS USED ON THIS PROJECT....  
 NOT USED ON THIS PROJECT
- FINISH OF EXPOSED ALUMINUM:  
 PITTCO STANDARD DARK BRONZE ANODIZED FINISH
- MISCELLANEOUS ALUMINUM FLASHING AND/OR TRIM:  
 NOT USED ON THIS PROJECT
- CAULKING:  
 EXTERIOR/PERIMETER: TREMCO "VULKEM 116", ONE PART POLYURETHANE SEALANT IN ONE OF THE MANUFACTURER'S STANDARD COLORS. COLOR:

INTERIOR/PERIMETER: FURNISHED AND INSTALLED ONLY WHERE NOTED AT THE DETAILS ON THIS SHOP DRAWING

BEDDING/SEALING: ONE PART POLYURETHANE OR BUTYL SEALANT IN ANY COLOR (SINCE IT IS NOT VISIBLE)

**DOOR HARDWARE:**

××FOR DOORS #101, 120A AND 120B...

(3) EACH 4 1/2" X 4", BALL BEARING BUTT HINGES (PITTCO STANDARD)

(1) EACH OVERHEAD/SURFACE MOUNTED DOOR CLOSER ASSY (LCN #4041)

(1) EACH CONCEALED/VERTICAL ROD, EXIT DEVICE ASSY (PITTCO STANDARD)

(1) EACH EXTERIOR KEYPED LOCK CYLINDER--NOT MASTERKEYED OR KEYPED ALIKE (PITTCO STANDARD)

(1) EACH EXTERIOR MOUNTED OFFSET DOOR PULL (ROCKWOOD BF157, 1" DIAMETER, 10" CENTER TO CENTER)

(1) EACH 1/2" X 4", MILL FINISH, ALUMINUM THRESHOLD (PITTCO STANDARD)

(1) SET OF DOOR FRAME WEATHERSTRIPPING AT THE HEAD AND JAMBS ONLY (PITTCO STANDARD)

(1) SET OF SNAP ON GLAZING BEADS FOR 1" GLASS (PITTCO STANDARD)

**GLASS TYPES**

A 1" CLEAR, TEMPERED/TEMPERED INSULATED GLASS UNIT CONSISTING OF...  
 1/4" CLEAR, TEMPERED O.B. LITE  
 1/2" AIR SPACE  
 1/4" CLEAR, TEMPERED I.B. LITE  
 MANUFACTURER: INSULITE

DRAWINGS PREPARED FOR....

**KOONSE GLASS COMPANY**

300 NORTH 10TH STREET  
 COLUMBIA, MISSOURI 65201  
 PHONE: 1.573.449.0084  
 FAX: 1.573.875.2691

DRAWN BY: WOOD DATE: 2.19.2007  
 E-MAIL: adisales@accuratedrafting.com

SCALES:  
 (UNLESS NOTED OTHERWISE AT THE INDIVIDUAL DRAWINGS)  
 ELEVATIONS: 1/4" = 1'-0"  
 DETAILS: 1/2 SIZE (1/2" = 1")

THIS IS A TRUE "QUIK DRAW" FORMAT SHOP DRAWING

DRAWINGS PREPARED BY.....

**ACCURATE DRAFTING, INC.**

8126 Foxdale Drive, Norfolk, Virginia 23518  
 Phone #: (757) 587-1898 Fax #: (757) 587-1897  
 Website: www.accuratedrafting.com Email: adisales@accuratedrafting.com

**LEGEND**

R.O.--ROUGH OPENING  
 F.S.--FRAME SIZE  
 D.L.D.--DAYLITE OPENING  
 D.O.--DOOR OPENING  
 REQ'D--REQUIRED  
 OPP--OPPOSITE  
 R.H.--RIGHT HAND  
 L.H.--LEFT HAND  
 S.A.--SINGLE ACTING  
 D.A.--DOUBLE ACTING  
 STL.--STEEL  
 ALUM.--ALUMINUM  
 B.O.--BY OTHERS  
 F.V.--FIELD VERIFY.  
 ANG--ANGLE  
 CHAN--CHANNEL  
 SHT.--SHEET  
 DTL.--DETAIL  
 ELEV.--ELEVATION  
 I.G.--INSULATED GLASS  
 L.T.--LITE (OF GLASS)  
 O.B.--OUTBOARD  
 I.B.--INBOARD  
 AS.--AIR SPACE  
 SURF.--SURFACE  
 FL.SHG.--FLASHING  
 WDW.--WINDOW  
 P.O.--PROJECT OUT.  
 P.I.--PROJECT IN.  
 HDWE.--HARDWARE  
 EA.--EACH  
 FLR.--FLOOR  
 EXT.--EXTERIOR  
 INT.--INTERIOR  
 TEMP. OR T.--TEMPERED  
 SPAND.--SPANDREL  
 INSUL.--INSULATION  
 A.F.F.--ABOVE FINISHED FLOOR  
 I.D.--INSIDE DIMENSION  
 O.D.--OUTSIDE DIMENSION  
 DEG.--DEGREES  
 JT.--JOINT  
 B.J.--BUTT JOINT  
 C.L.--CENTERLINE  
 T.O.H.--TOP OF HORIZONTAL  
 B.O.H.--BOTTOM OF HORIZONTAL  
 F.O.B.--FACE OF BRICK  
 F.O.S.--FACE OF STOREFRONT  
 ?--ANSWER NEEDED FROM ARCHITECT, OR GENERAL CONTRACTOR.  
 G.C.--GENERAL CONTRACTOR.  
 ARCH.--ARCHITECT.  
 N.T.S.--NOT TO SCALE.  
 SIM.--SIMILAR  
 VER.--VERIFY  
 ANOD.--ANODIZED  
 PTD.--PAINTED  
 S.S.--STAINLESS STEEL  
 P.H.--PILOT HOLE

SYMBOLS USED ON ELEVATIONS FOR SPECIAL ANCHOR CONDITIONS....

WINDLOAD CLIP ASSY

DEADLOAD CLIP ASSY

WINDLOAD/DEADLOAD CLIP ASSY

SPLICE JOINT

INDICATES THE LOCATION AND FASTENER TYPE DESIGNATION (REFER TO THE FASTENER SCHEDULE ON SHEET #1 FOR ALL FASTENER TYPES)

CLOUD INDICATES AREA OF REVISION AND TRIANGLE WITH NUMBER INDICATES REVISION NUMBER

ELEVATION TYPE, THIS MAY BE A NUMBER OR A LETTER.

SHEET WHERE THE ELEVATION APPEARS.

CONFIGURATION OF A TYPICAL INSULATED GLASS UNIT (I.G.)

OUTBOARD LITE  
 AIR SPACE  
 INBOARD LITE  
 #1 SURFACE  
 #3 SURFACE  
 #4 SURFACE

DETAIL NUMBER  
 ARCH. SHT. REFERENCE  
 ARCH. DTL. REFERENCE  
 -- EQUALS NO REFERENCE

FRAMING/DOOR SYSTEMS  
 ELEVATION TYPE  
 NUMBER OF THIS ELEVATION REQUIRED.

SCALE OF THIS ELEVATION  
 THIS MAY APPEAR AS ONE REFERENCE TO ARCHITECT'S ELEVATION. -- EQUALS NO REFERENCE

NOTE DESIGNATION  
 THIS WILL CONTAIN A NUMBER. THIS OCCURS ONLY ON DETAILS.

GLASS TYPE (MAY BE A NUMBER OR LETTER). THIS OCCURS ONLY ON ELEVATIONS.

DOOR NUMBER.

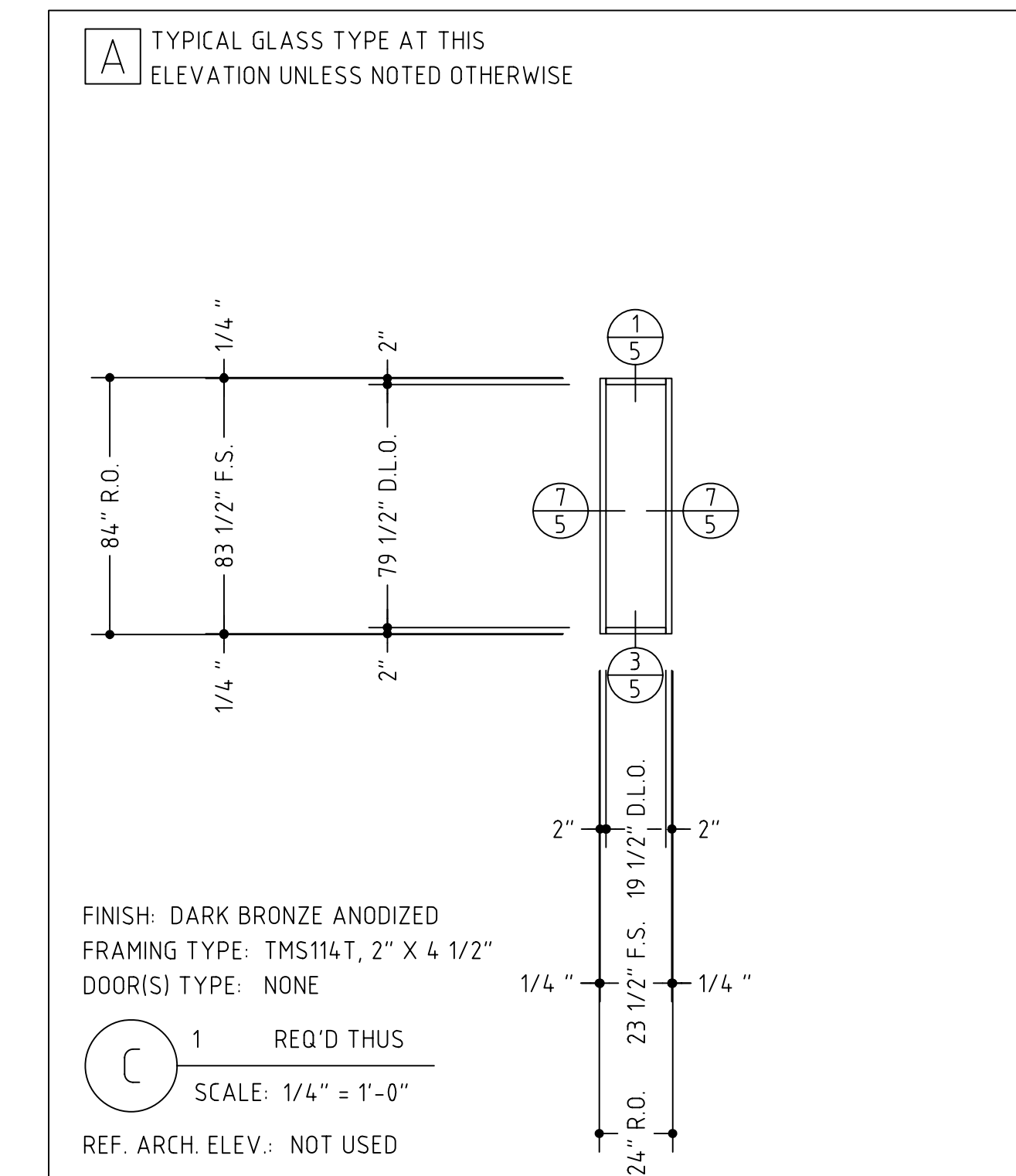
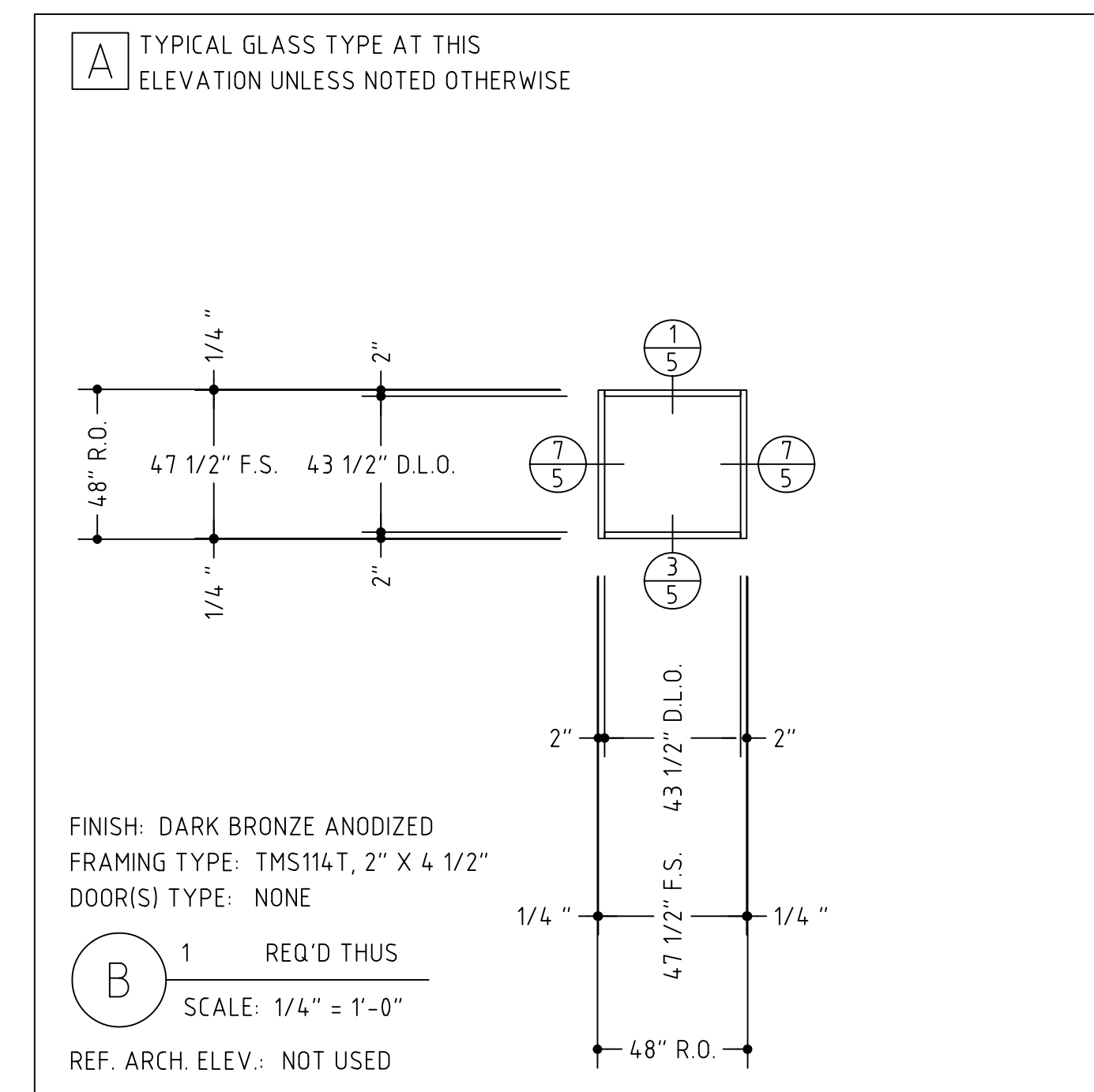
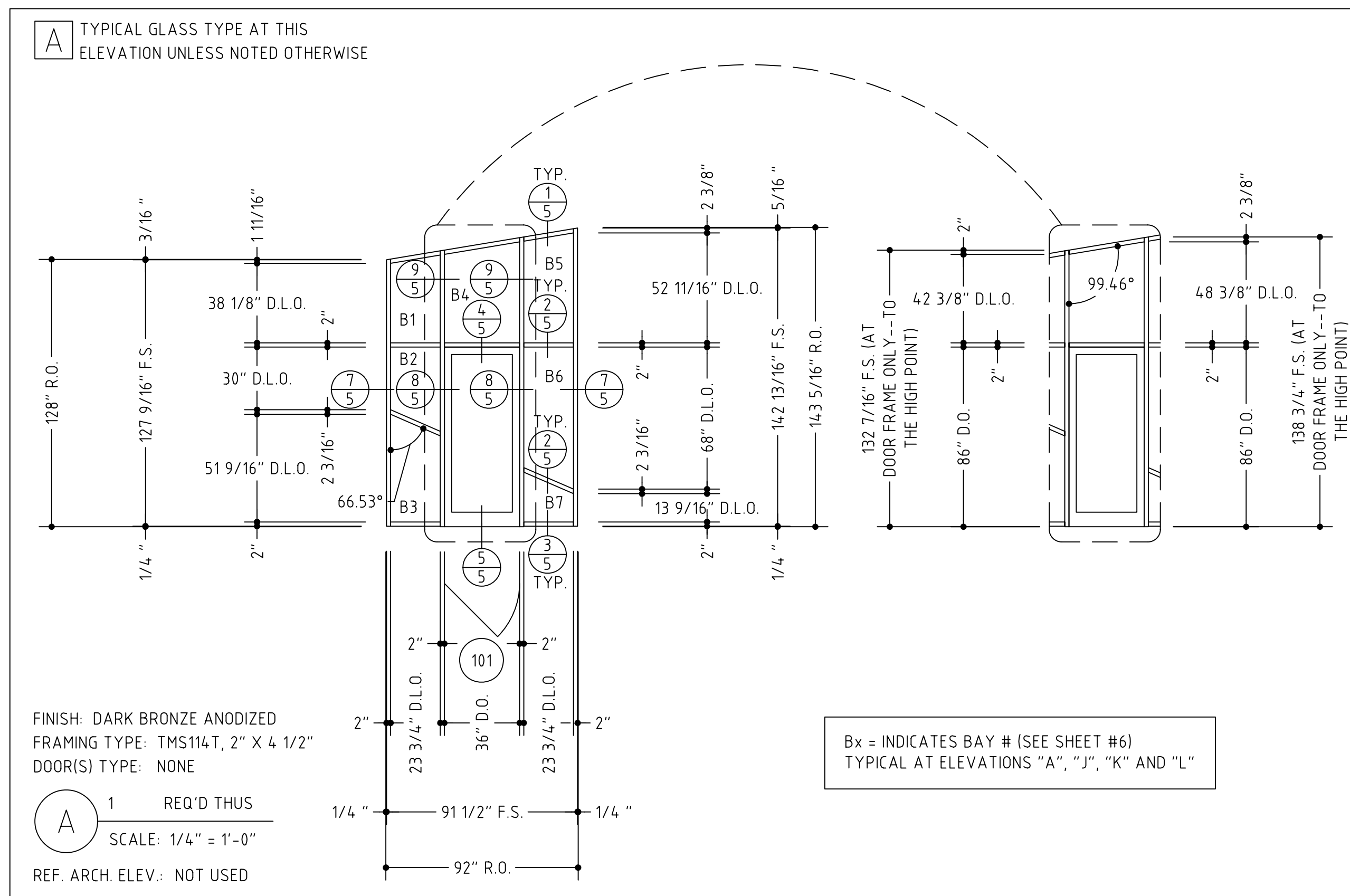
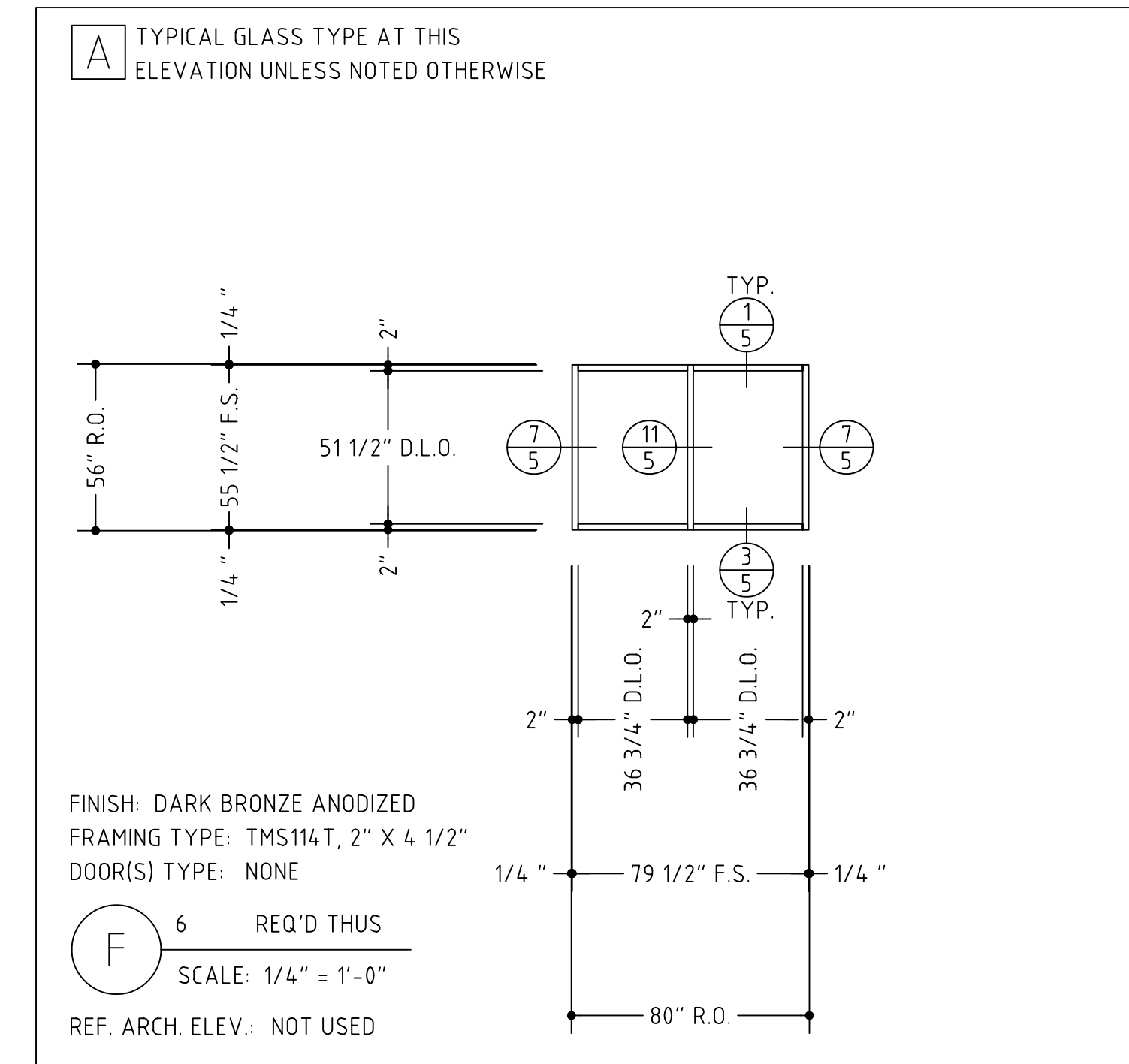
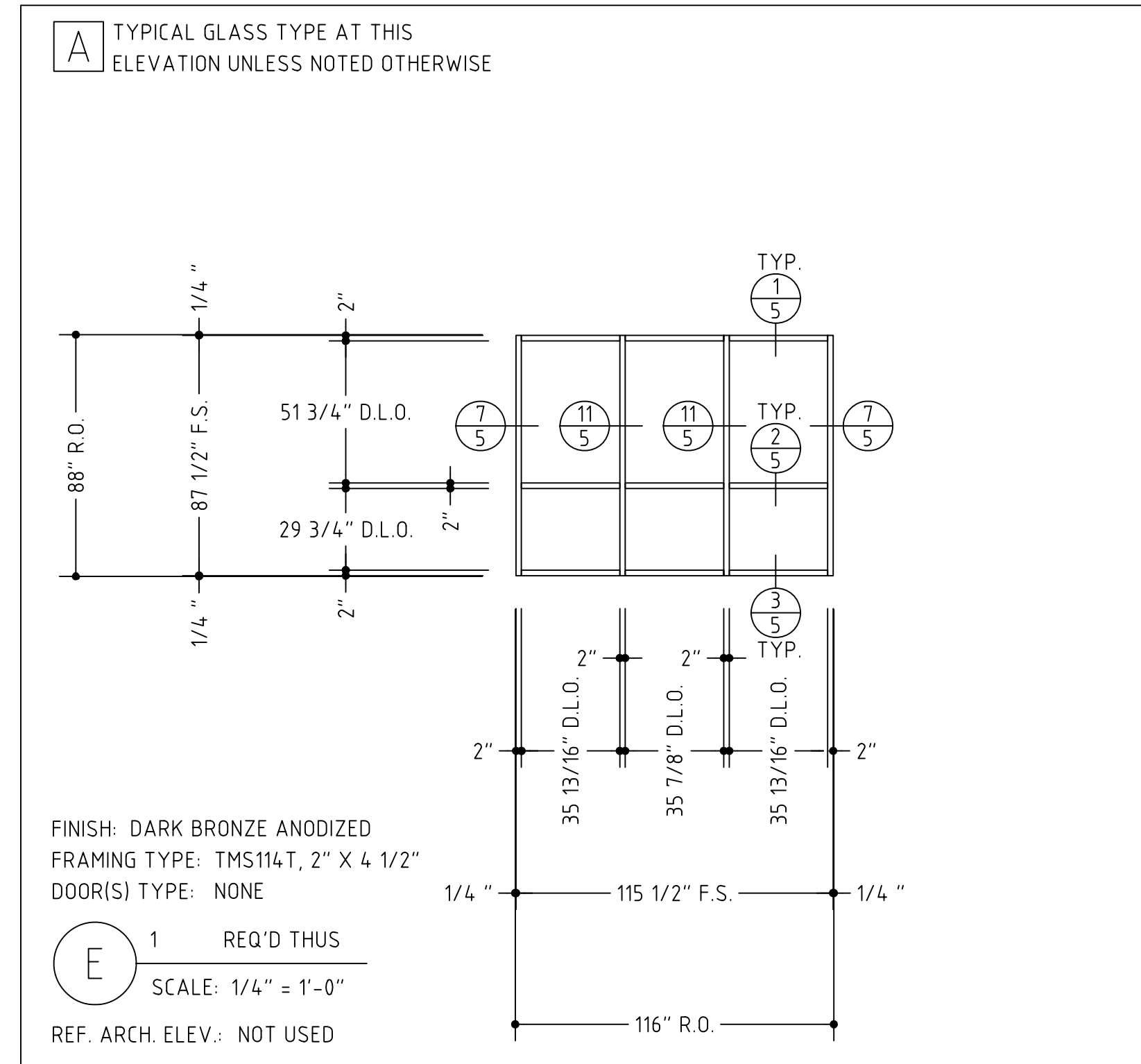
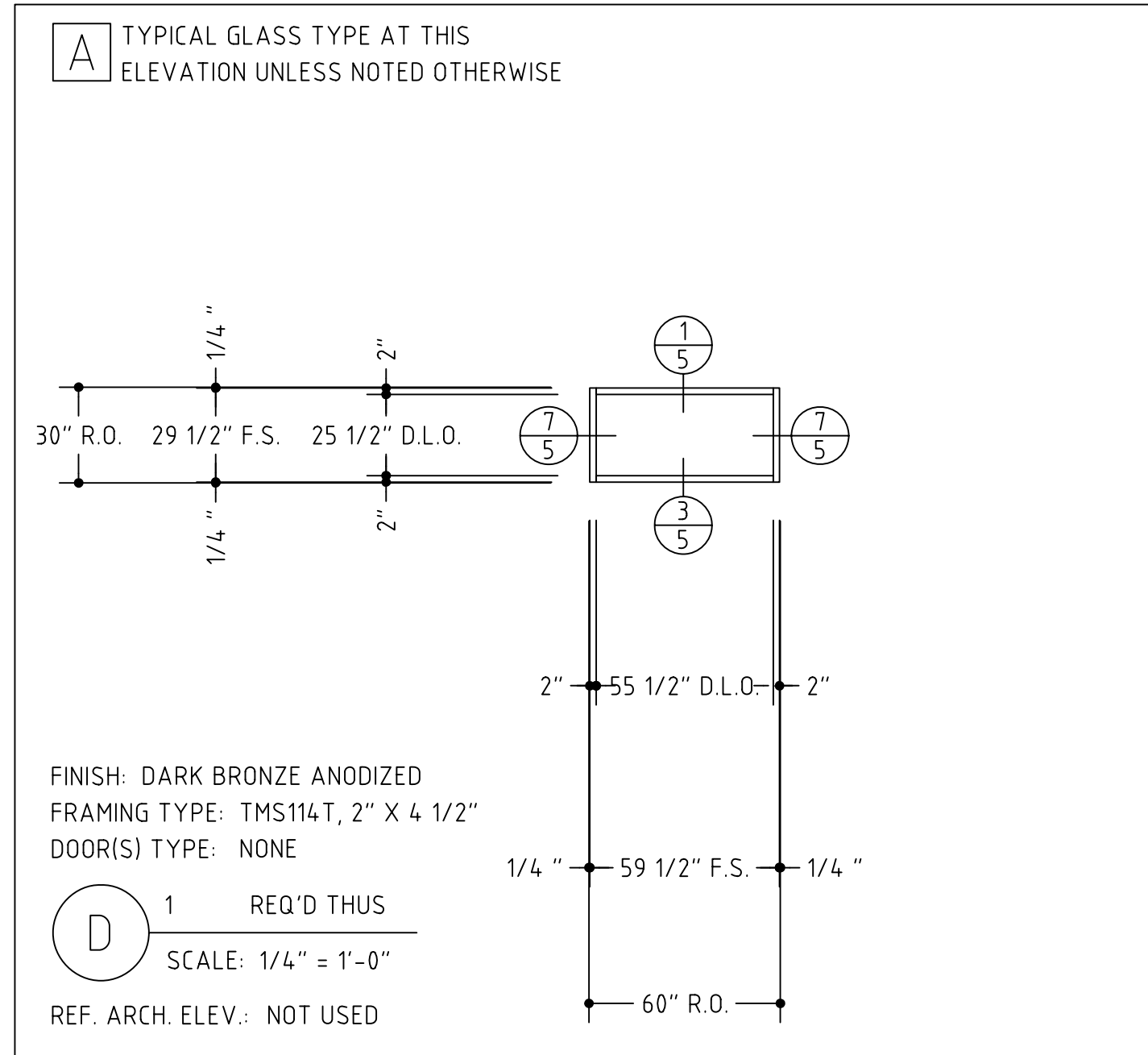
DETAIL NUMBER  
 SHEET WHERE THE DETAIL APPEARS.

THERE ARE A TOTAL  
 OF (6) SHEETS IN  
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 DRAWINGS

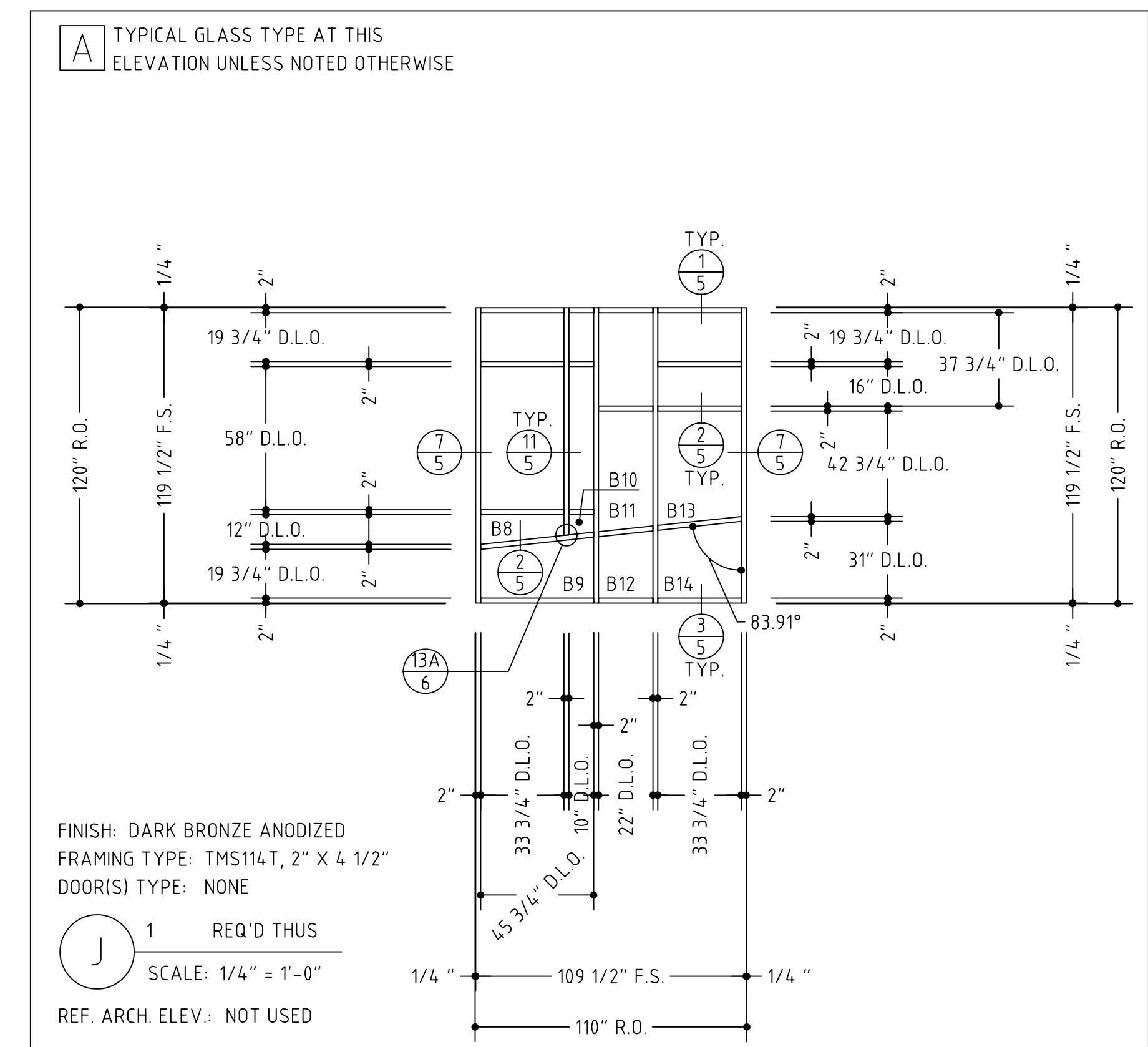
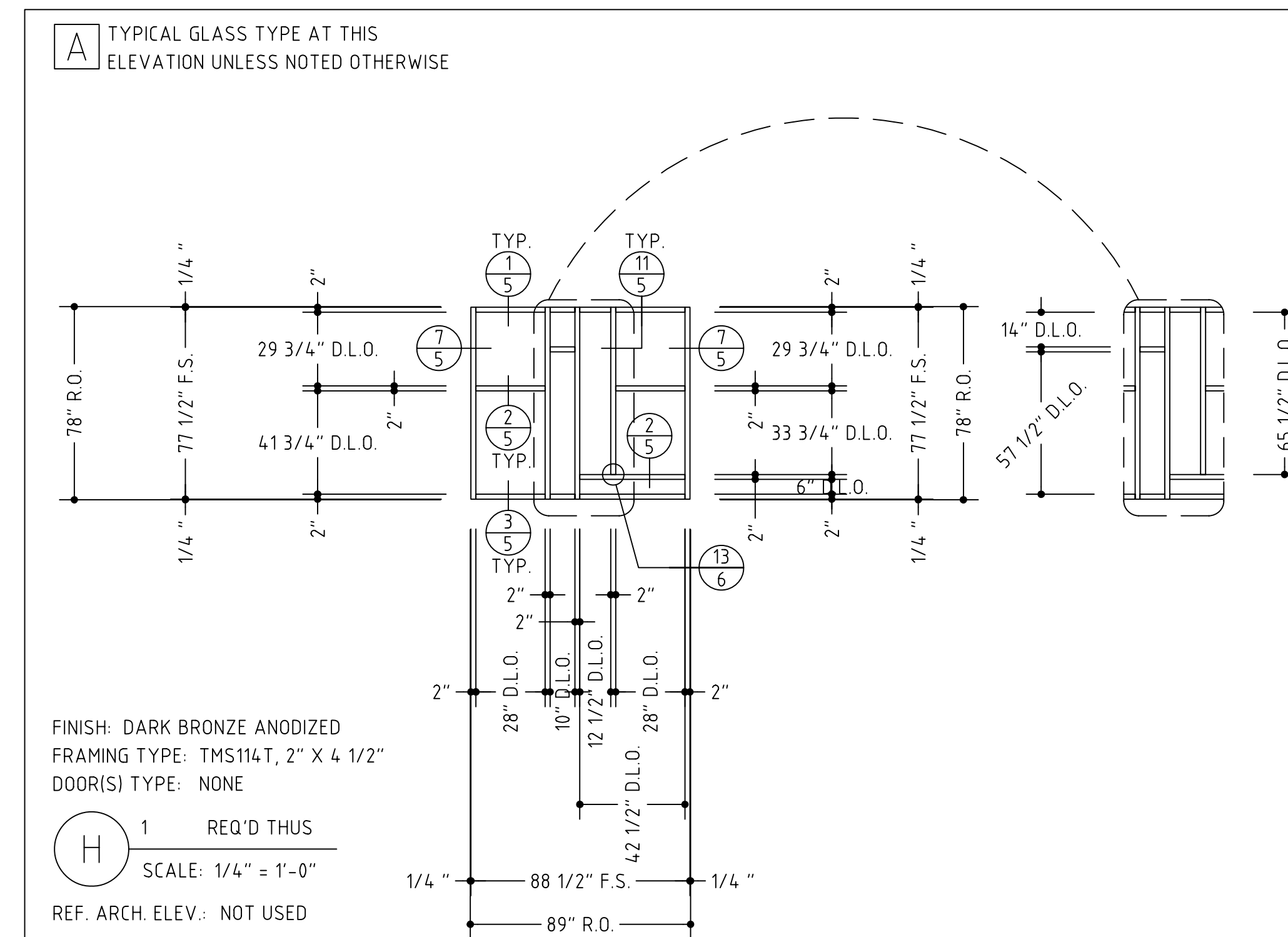
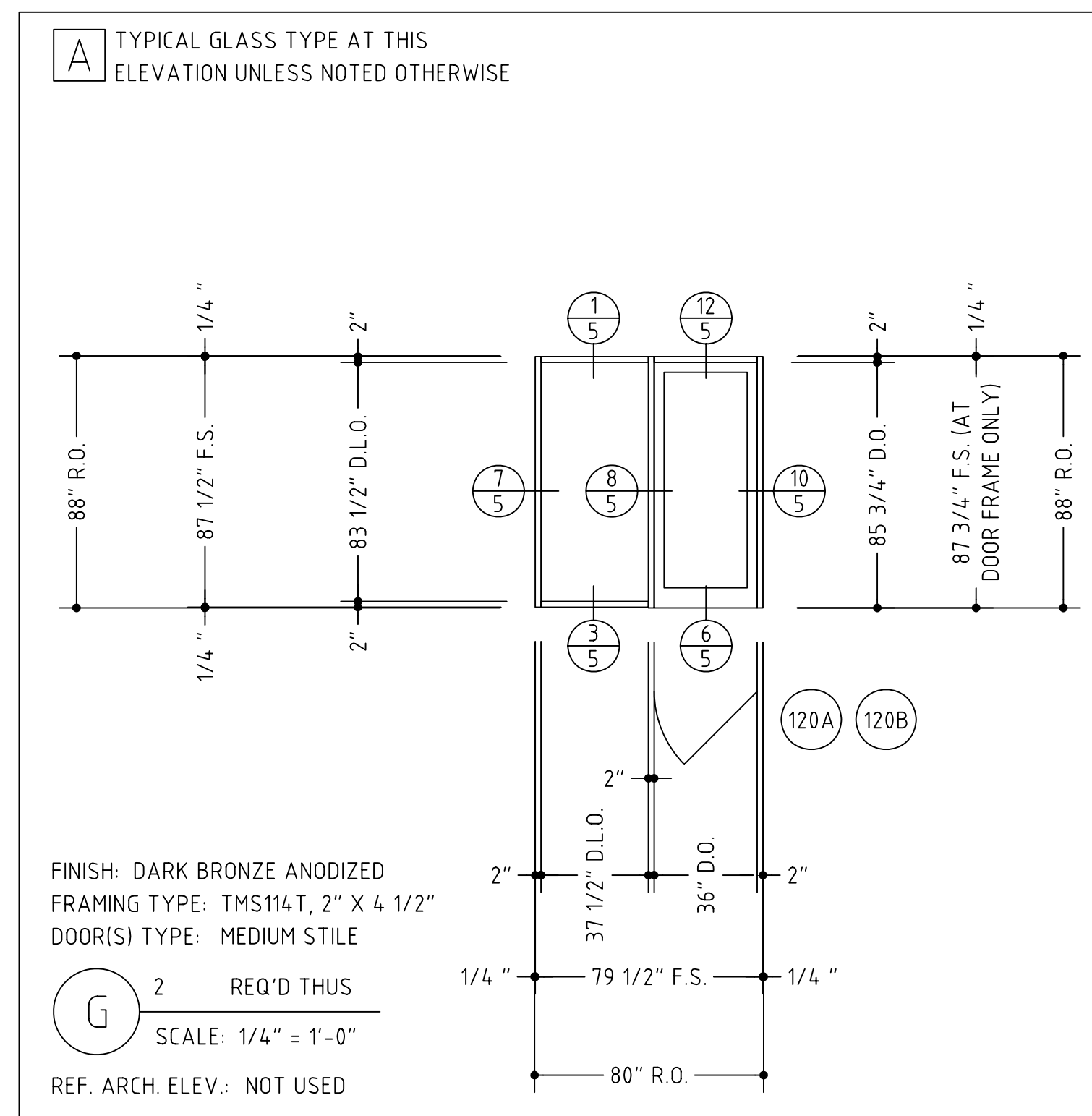
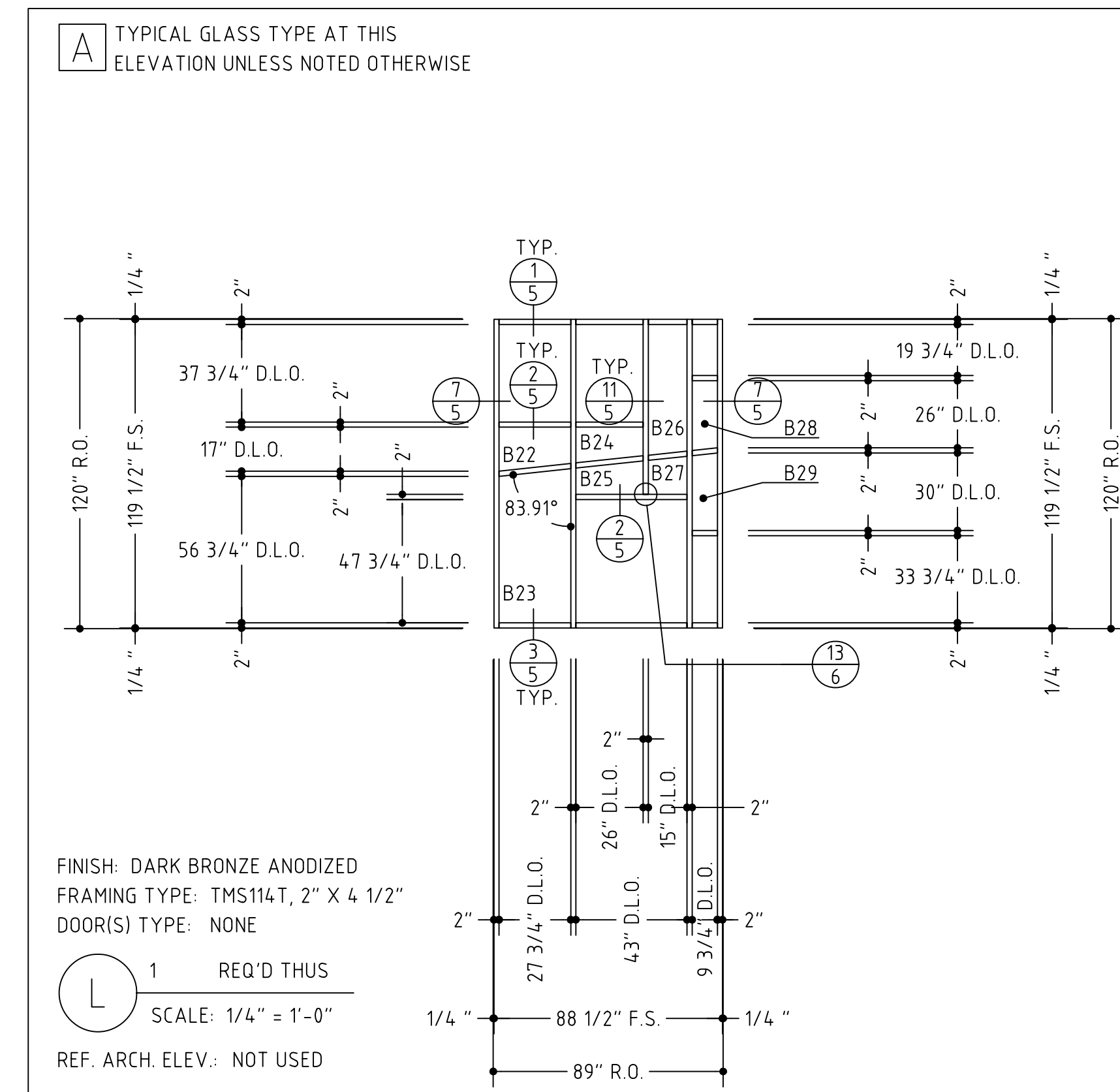
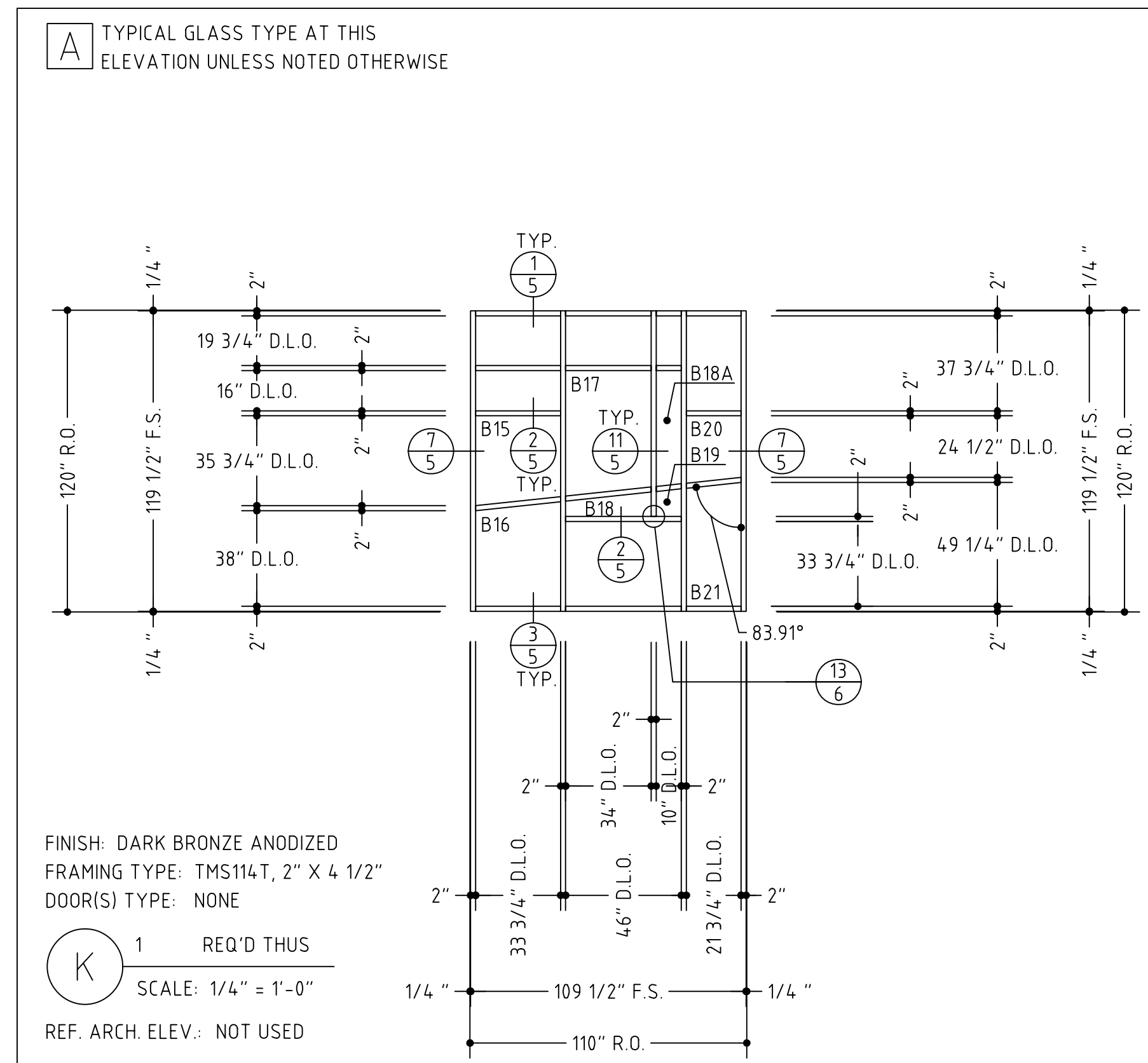
MISSOURI COTTON EXCHANGE, 3420  
 BUTTONWOOD DRIVE, COLUMBIA,  
 MISSOURI

SHEET #:

1



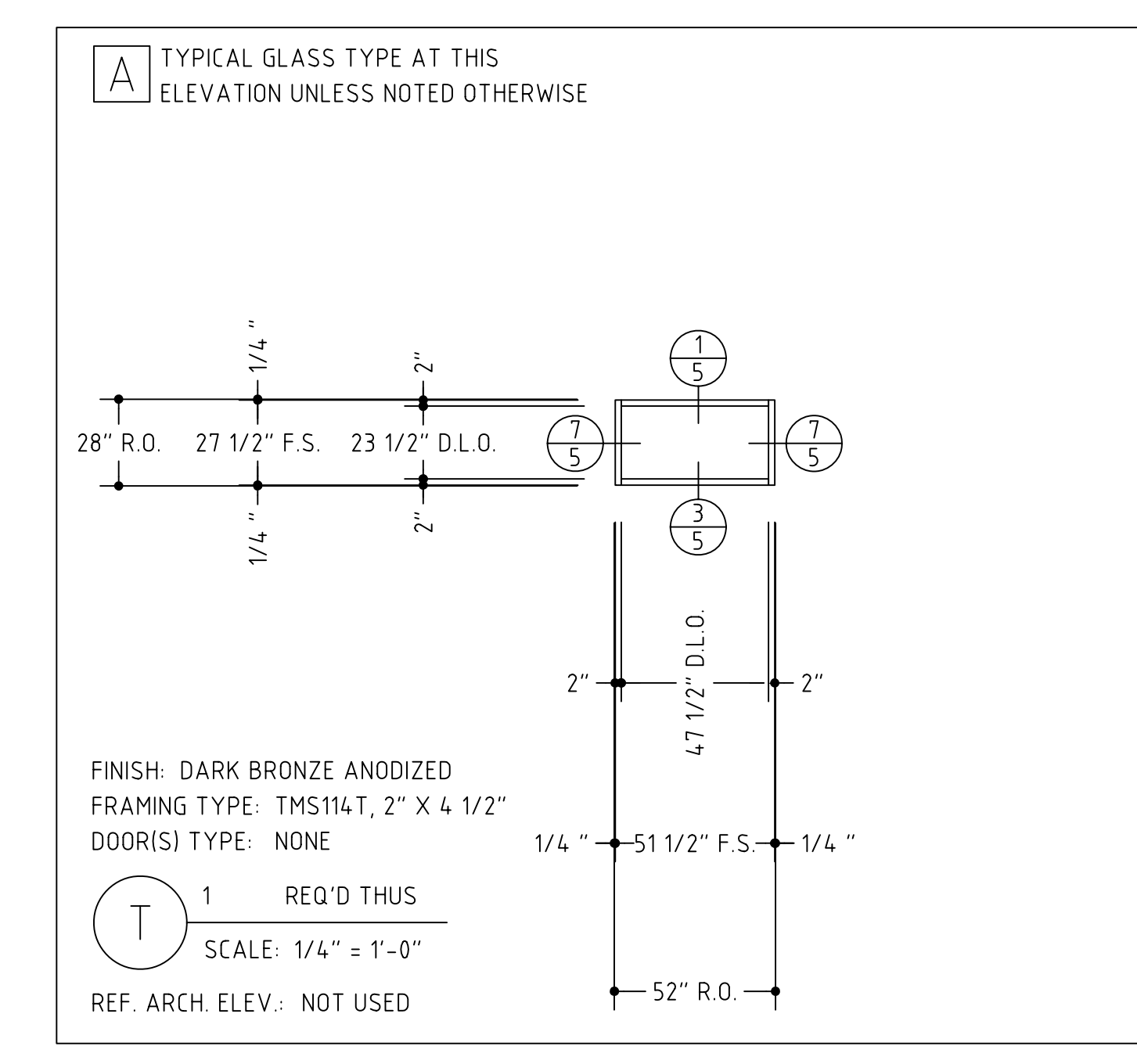
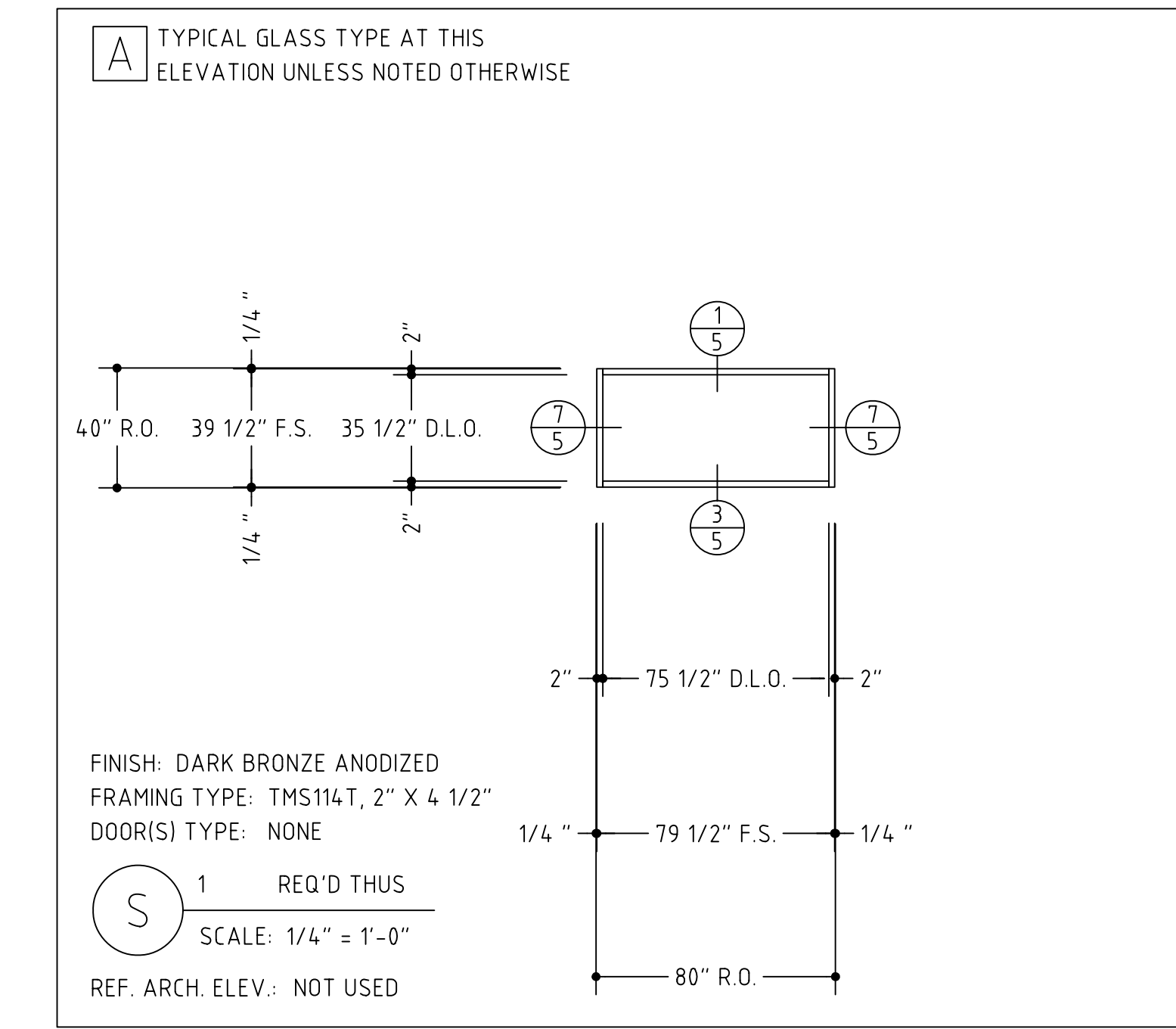
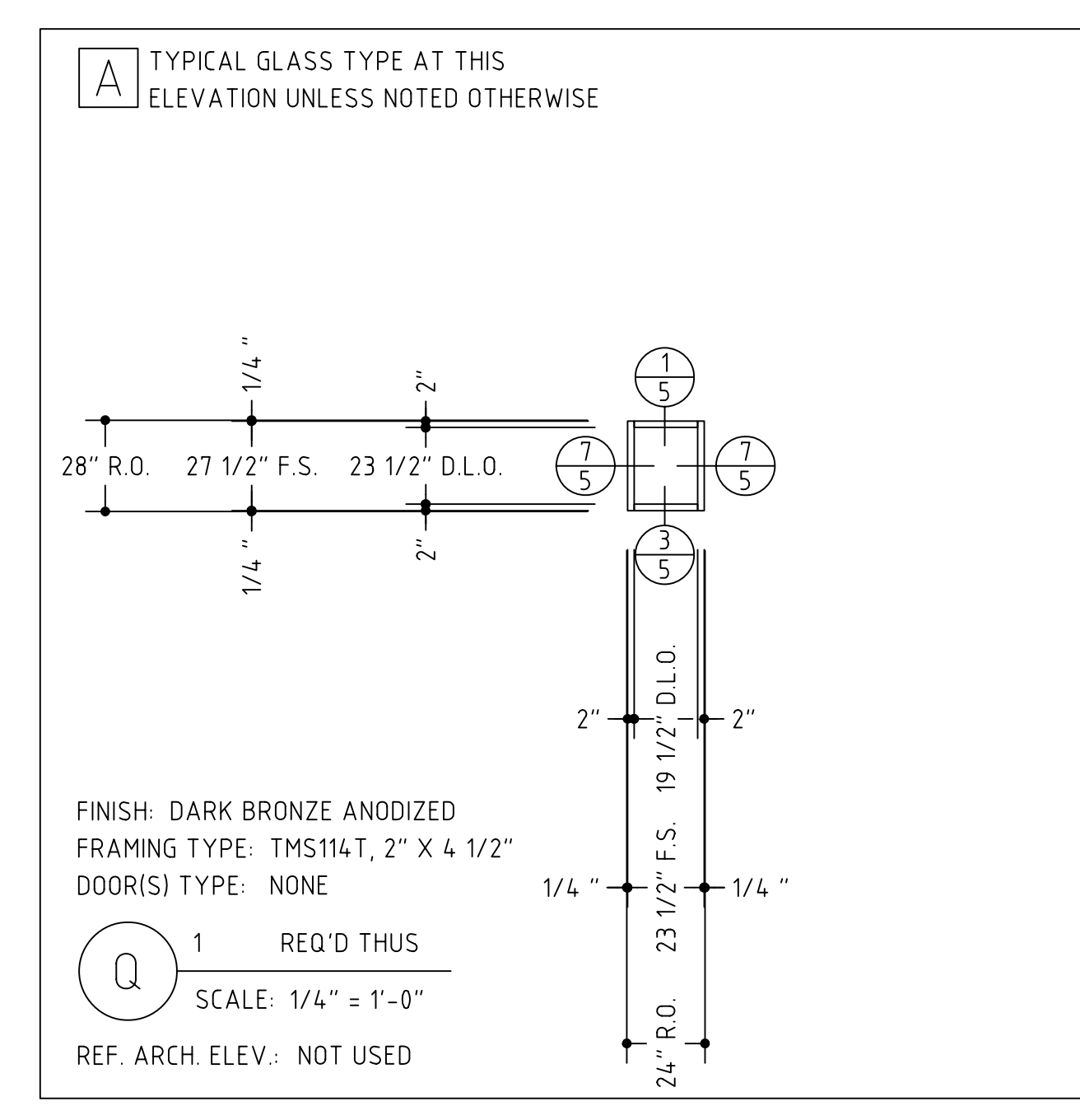
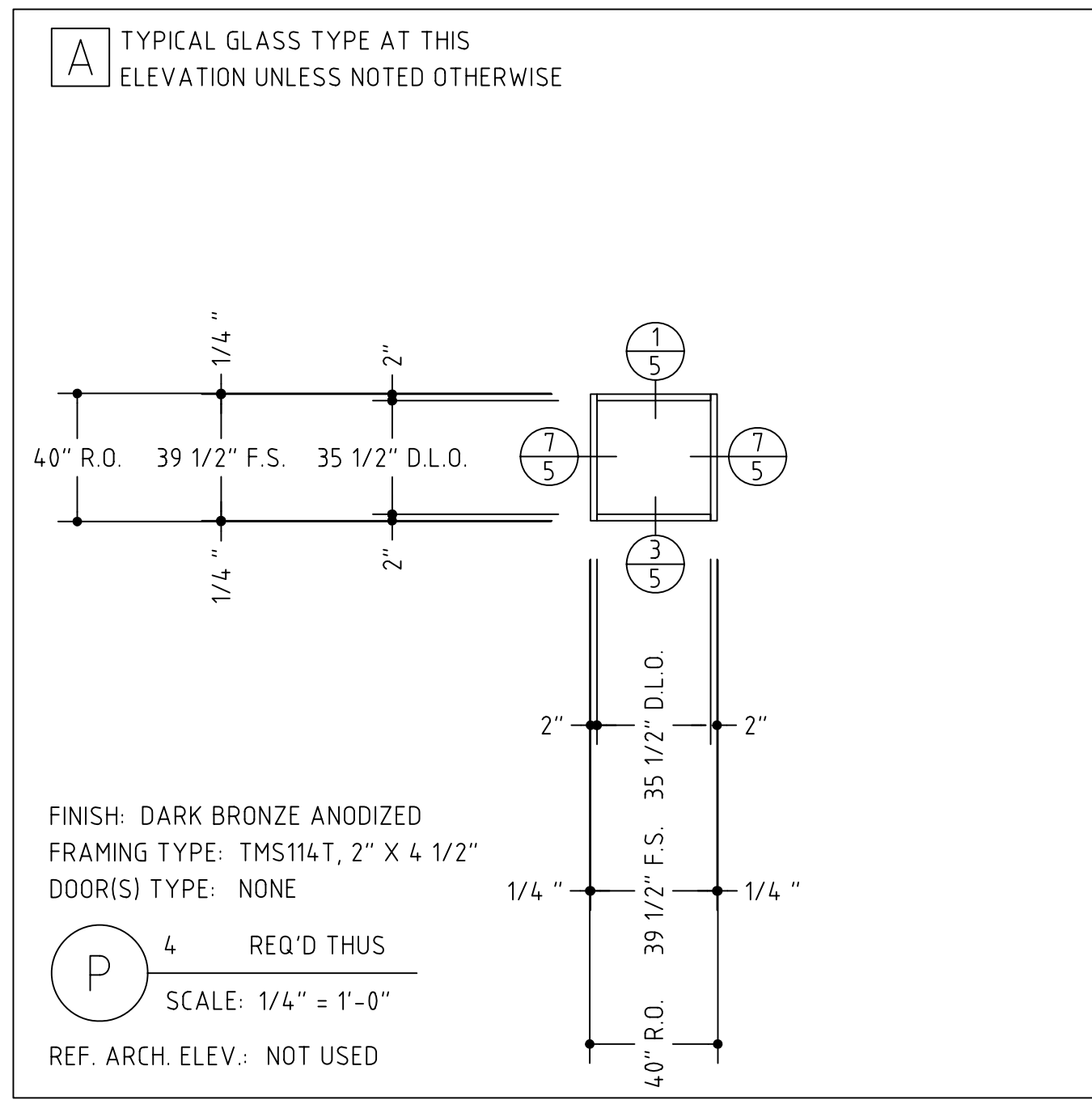
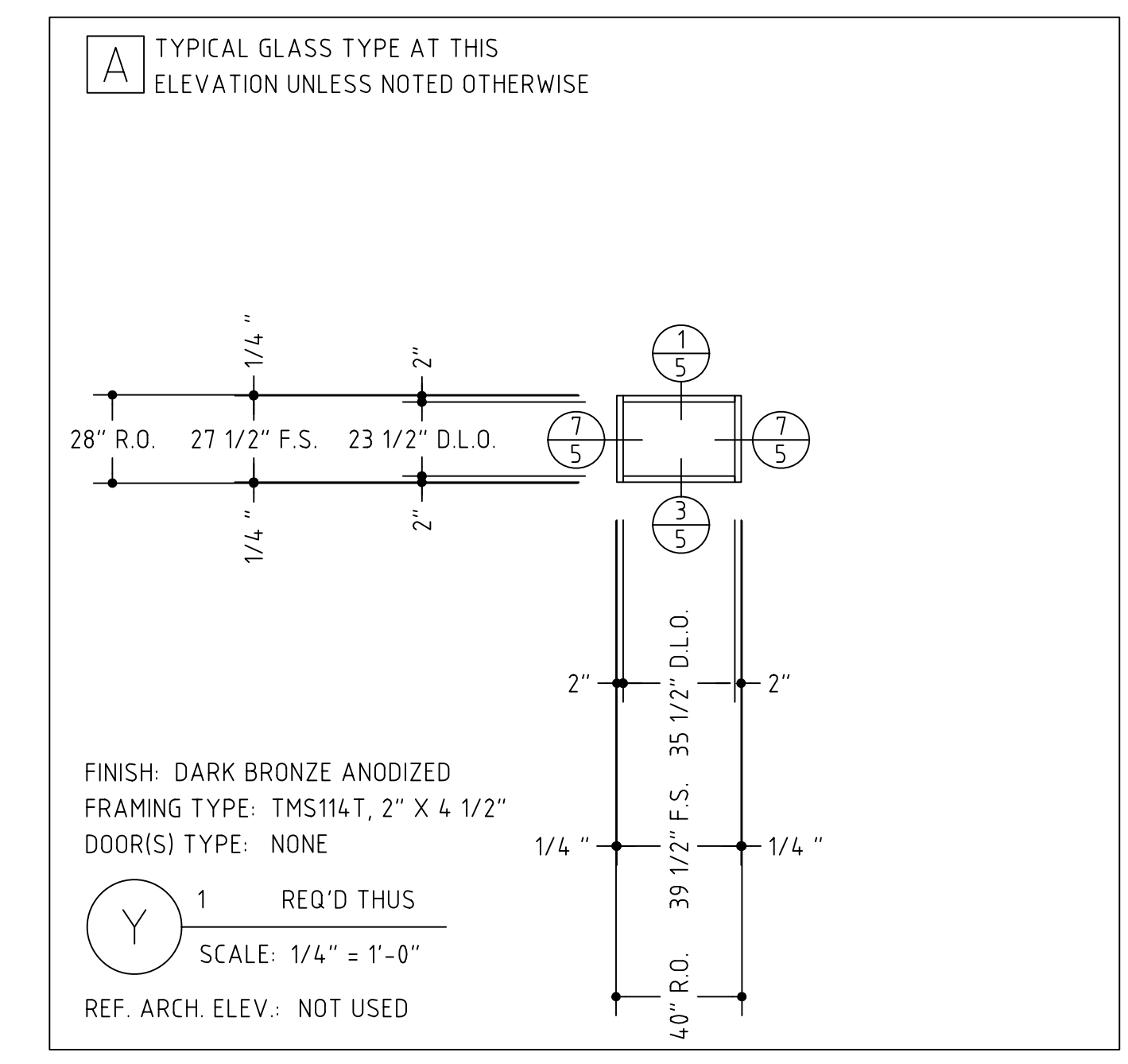
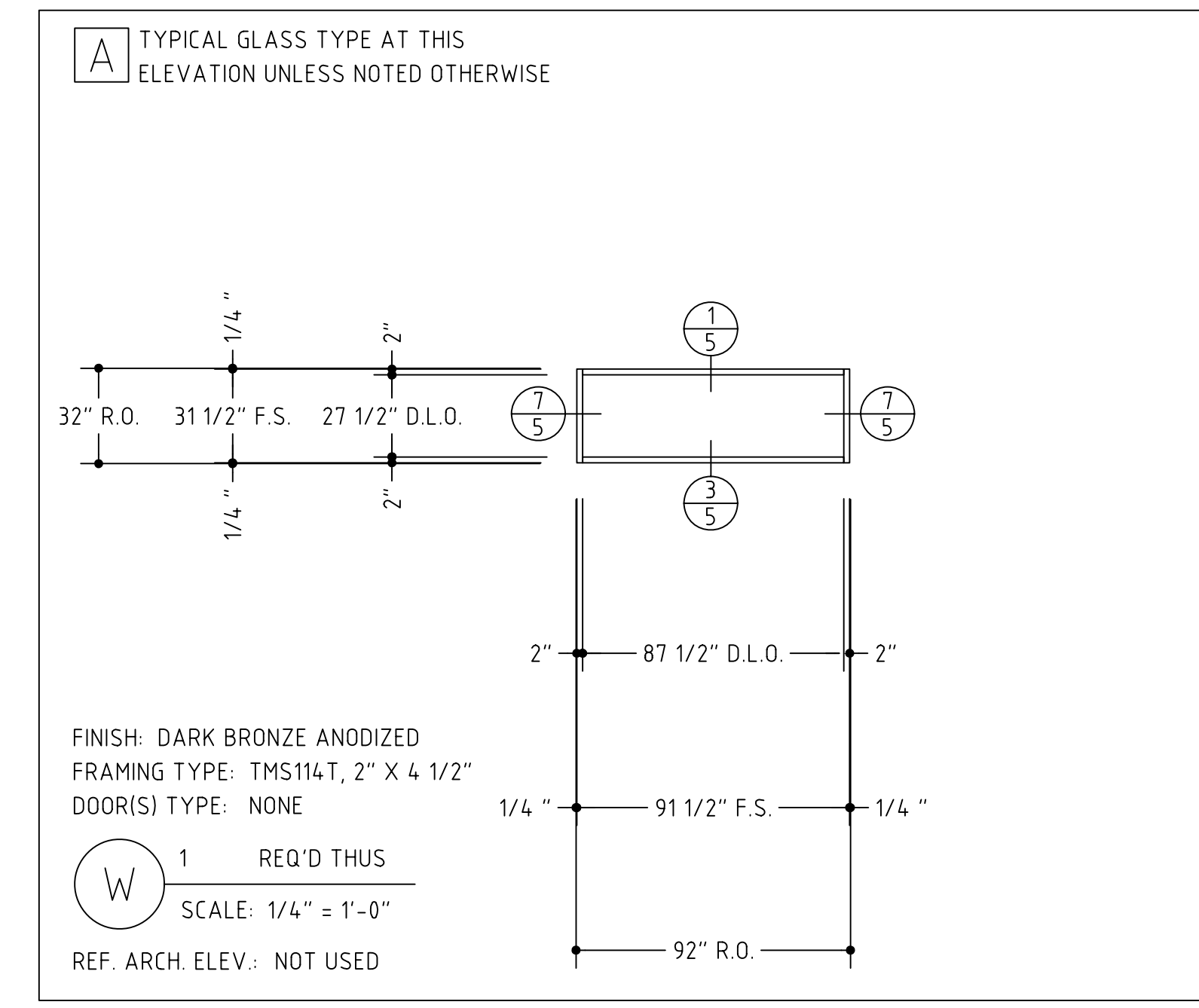
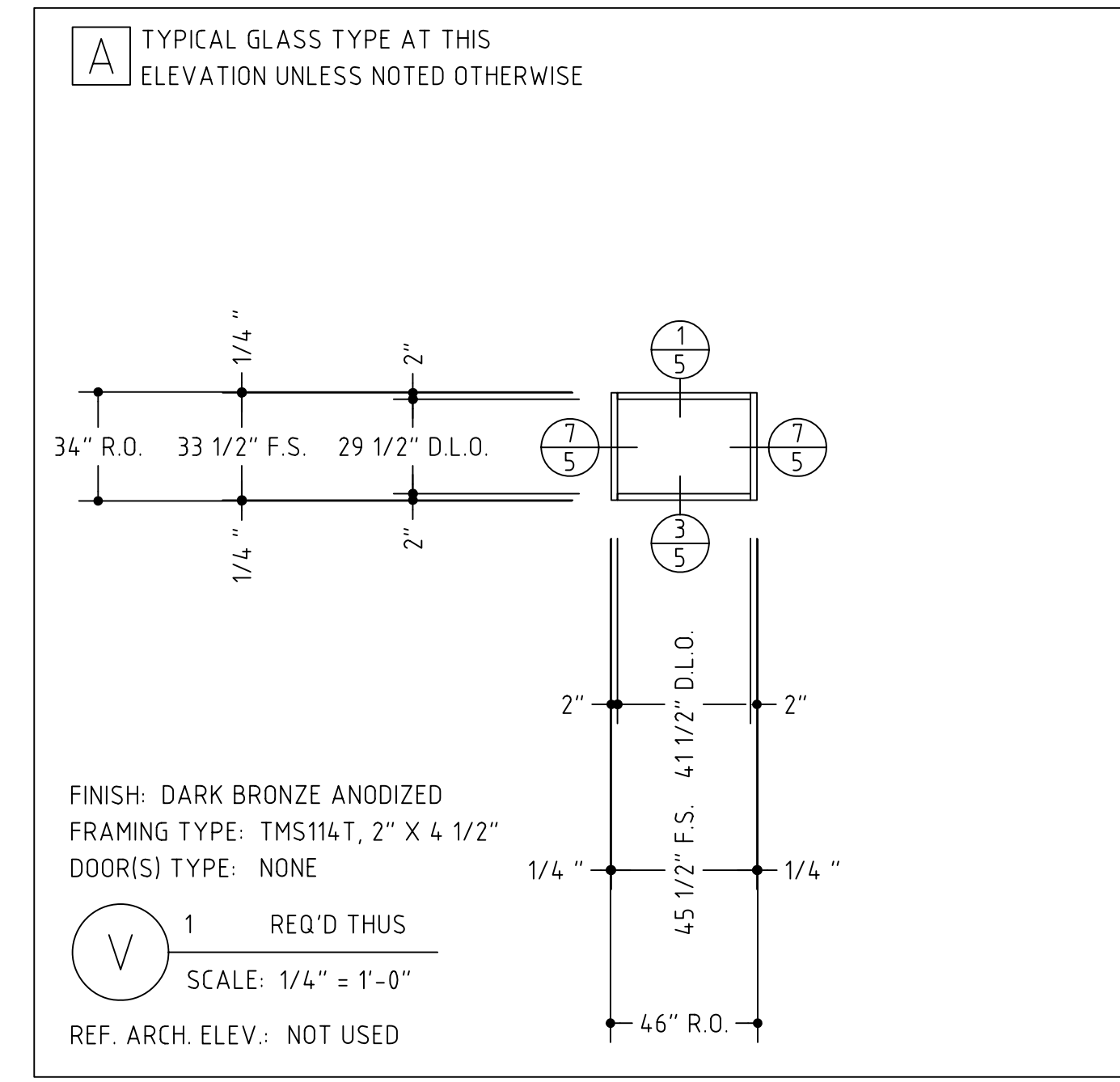
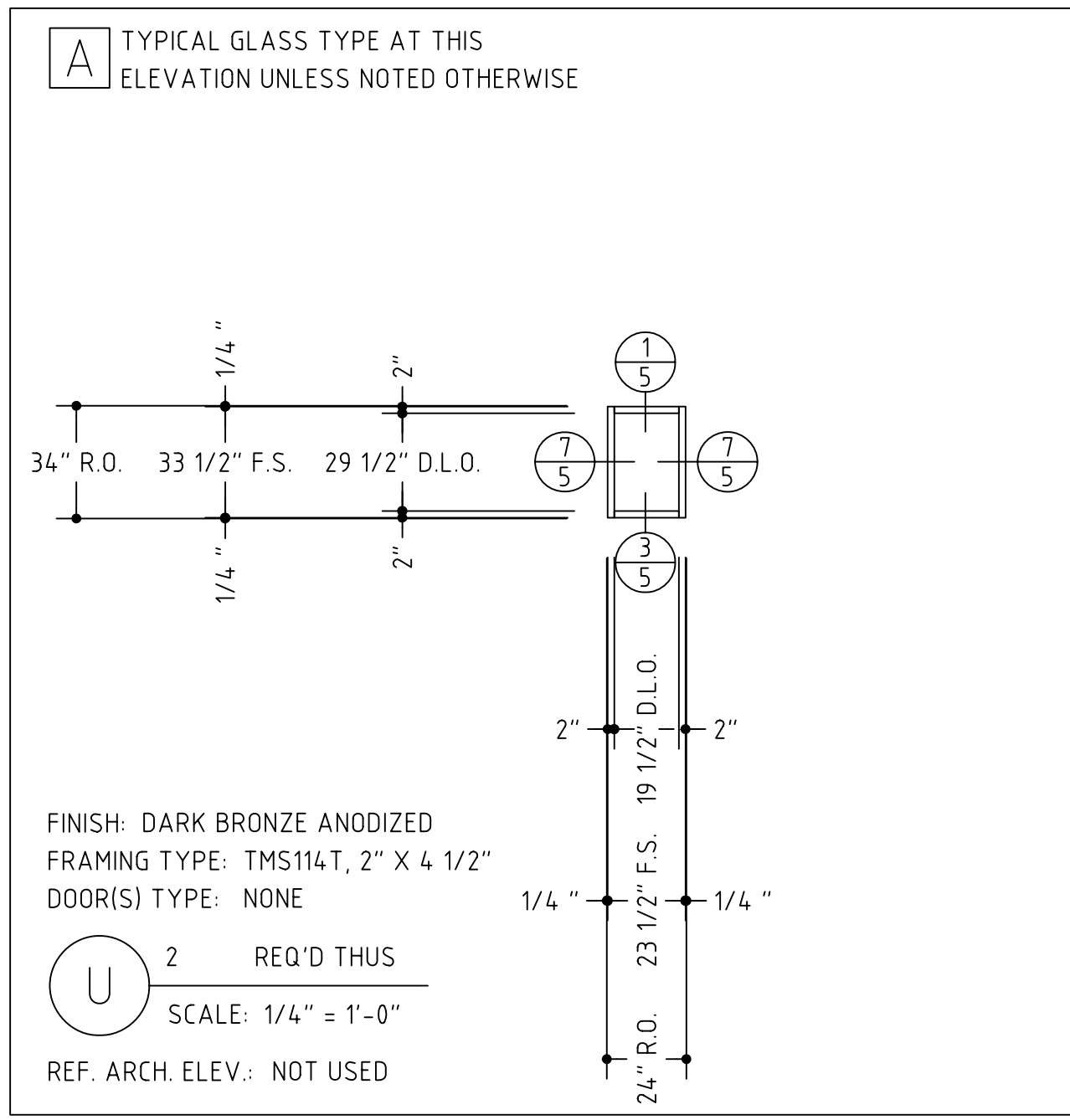
VERIFY ALL DIMENSIONS

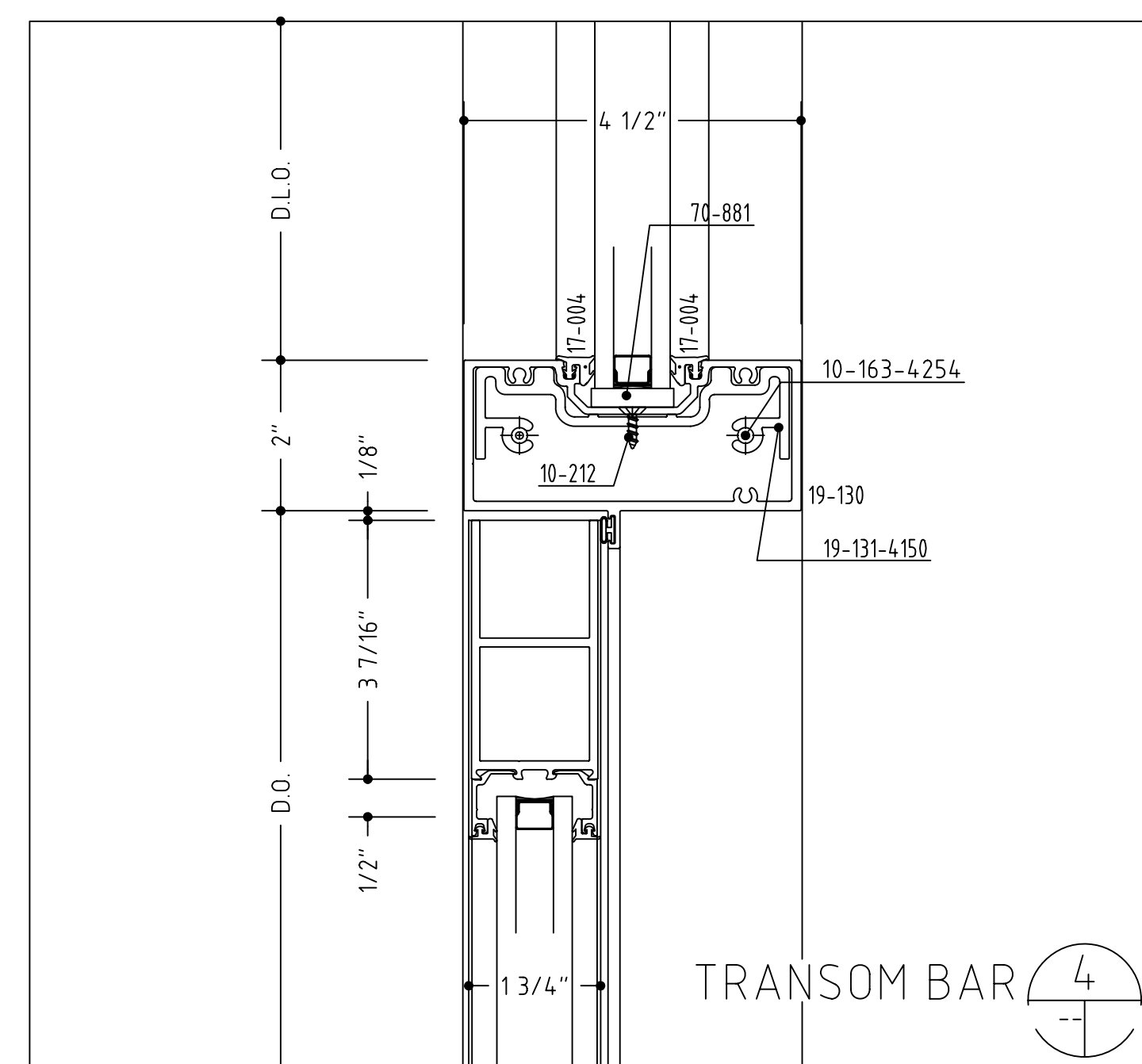
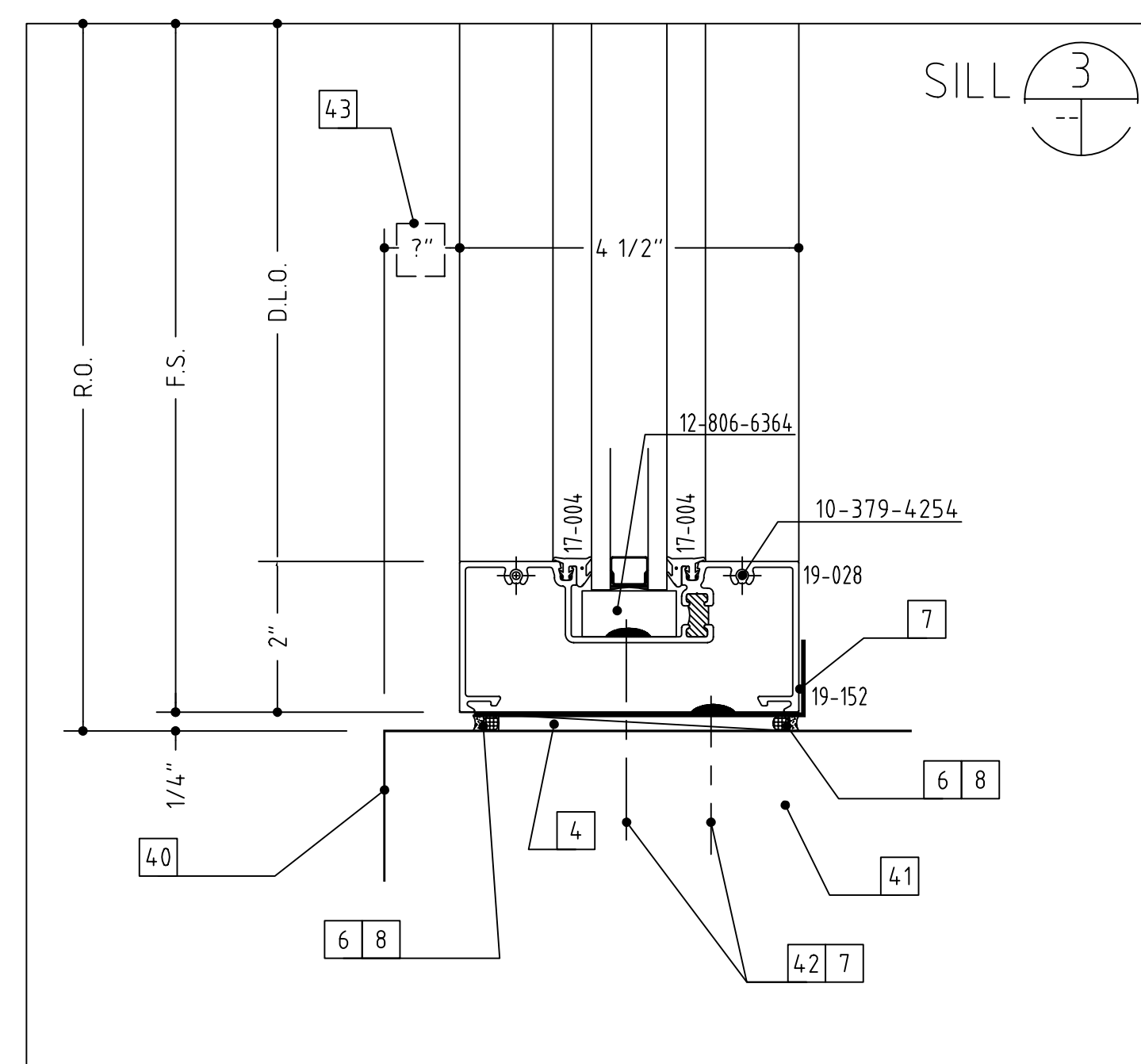
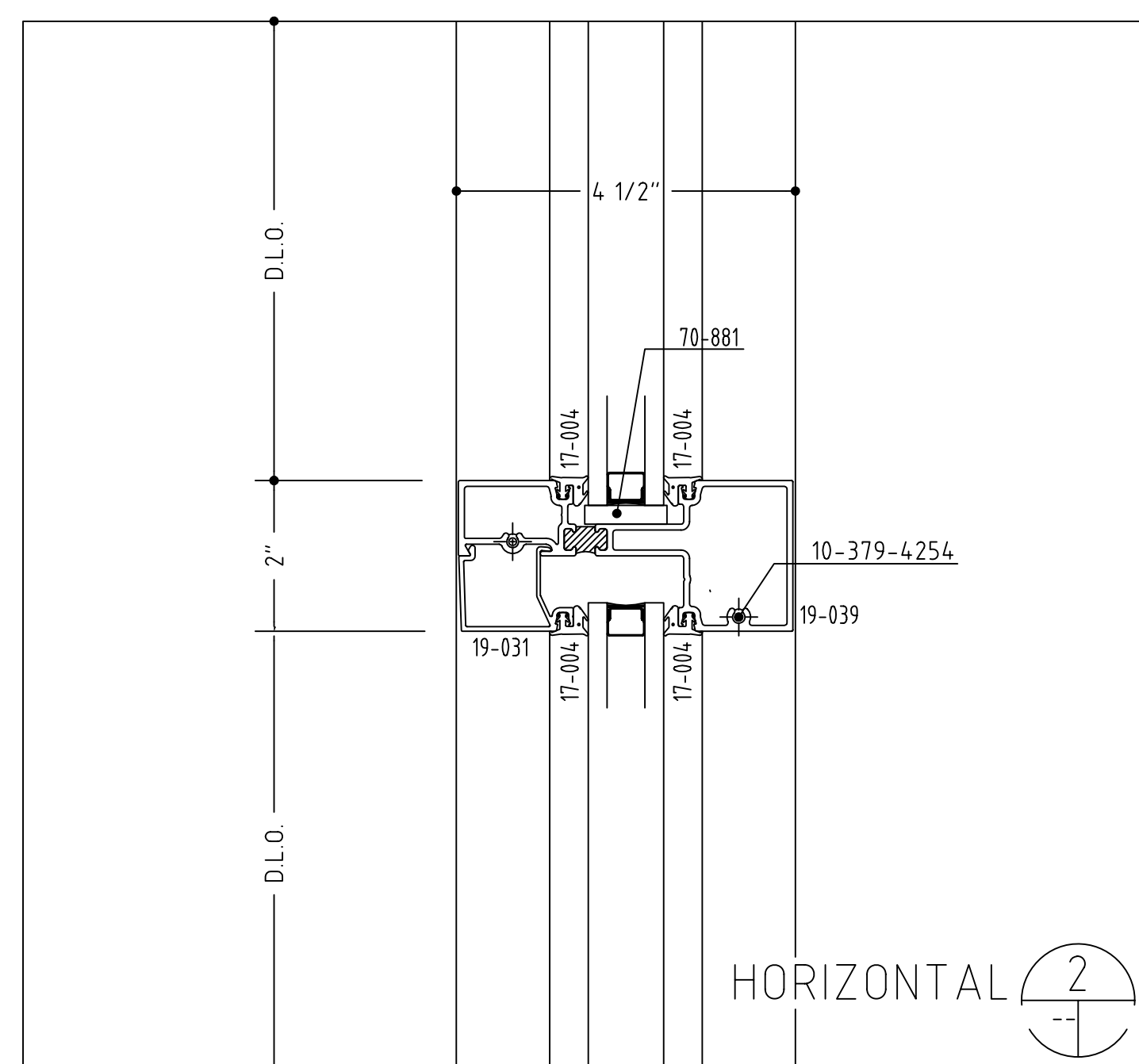
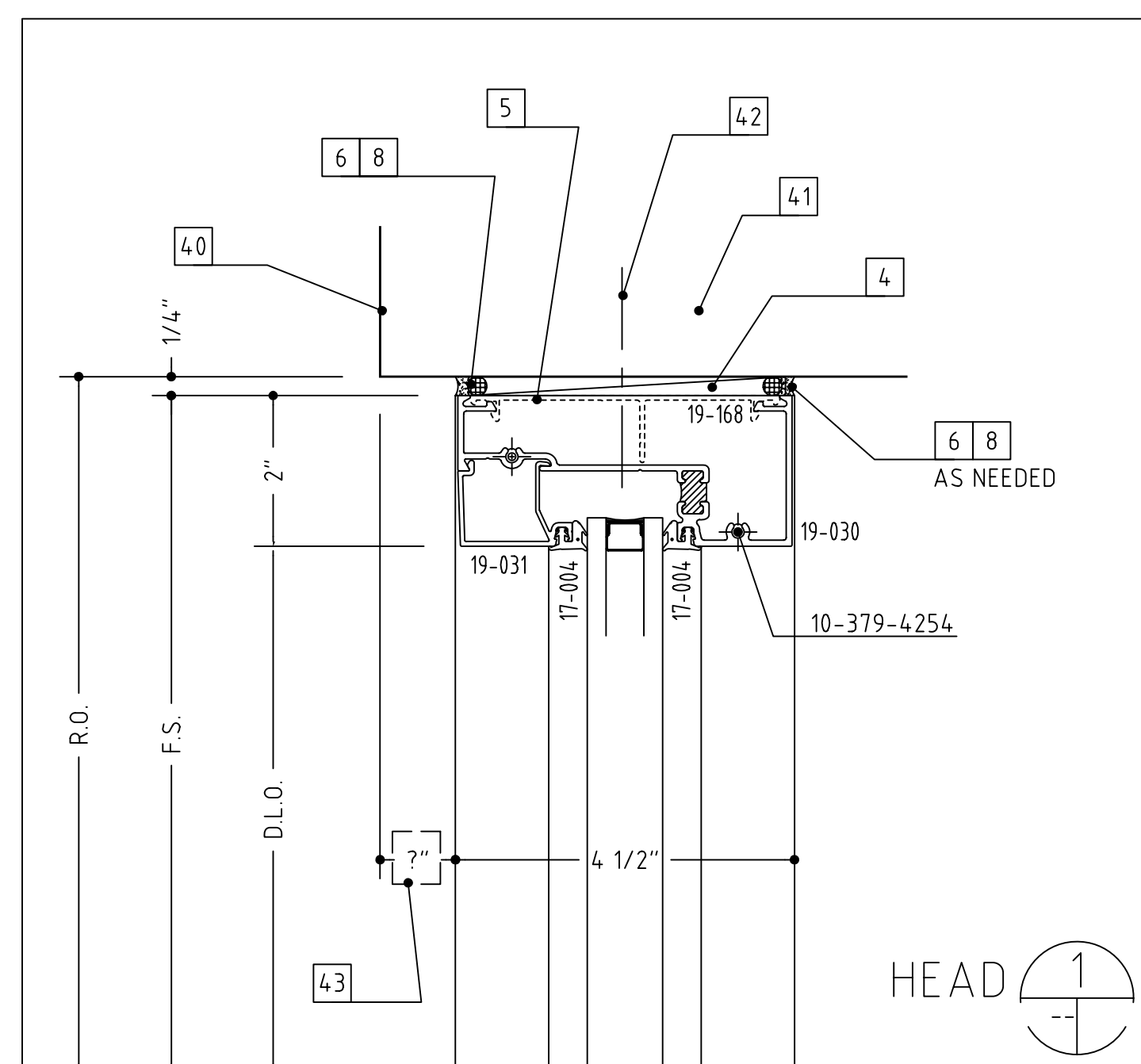
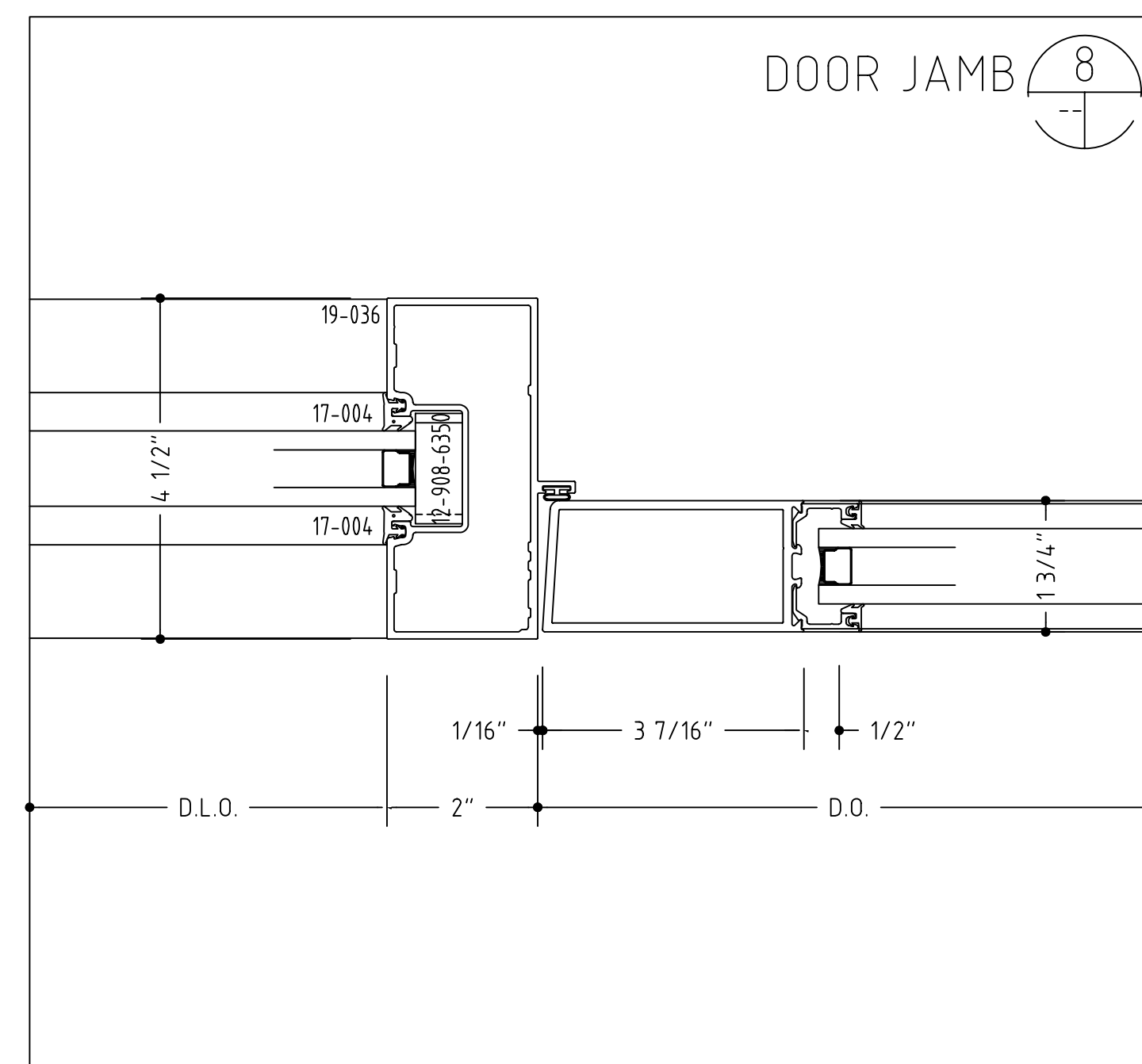
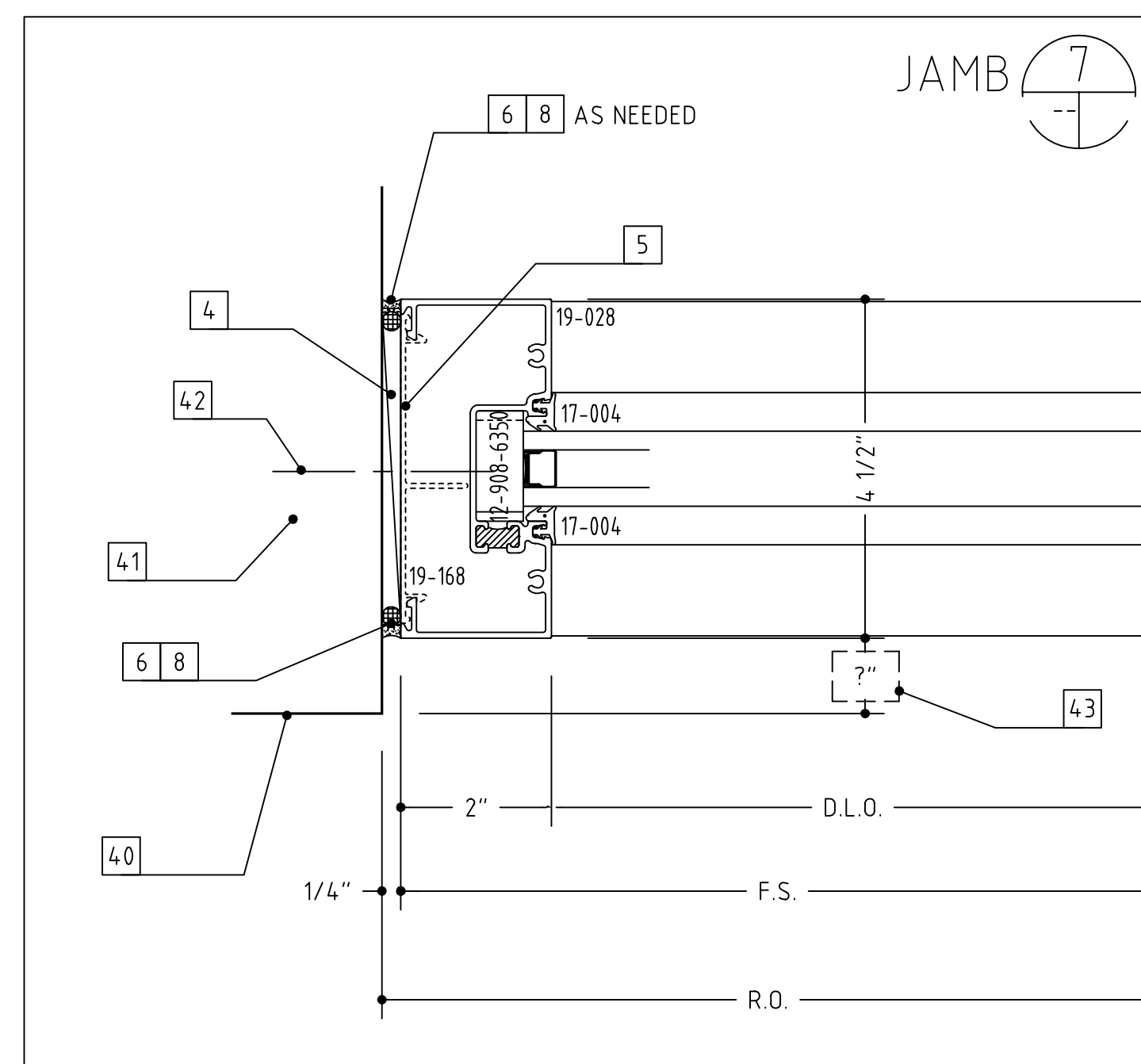
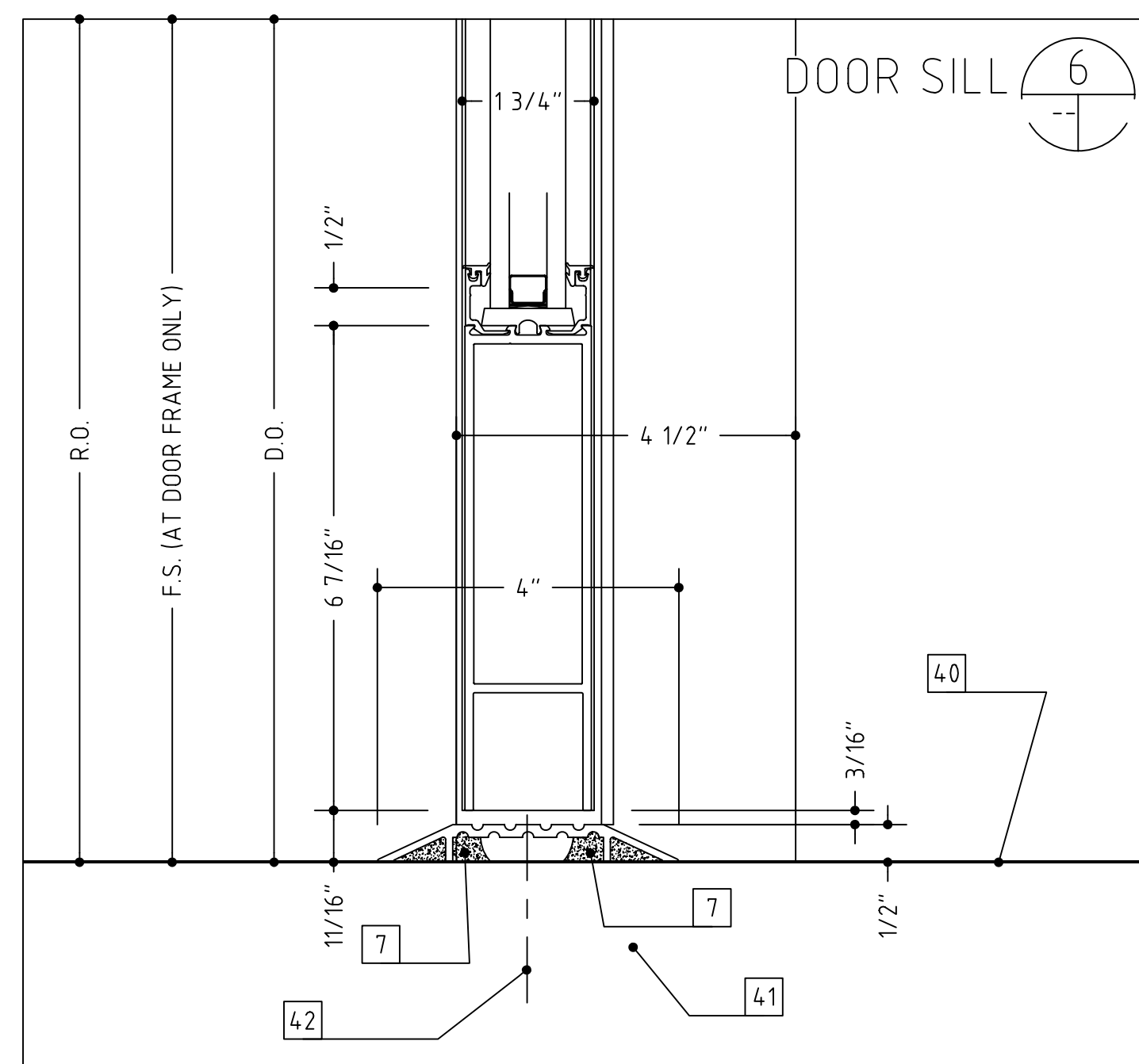
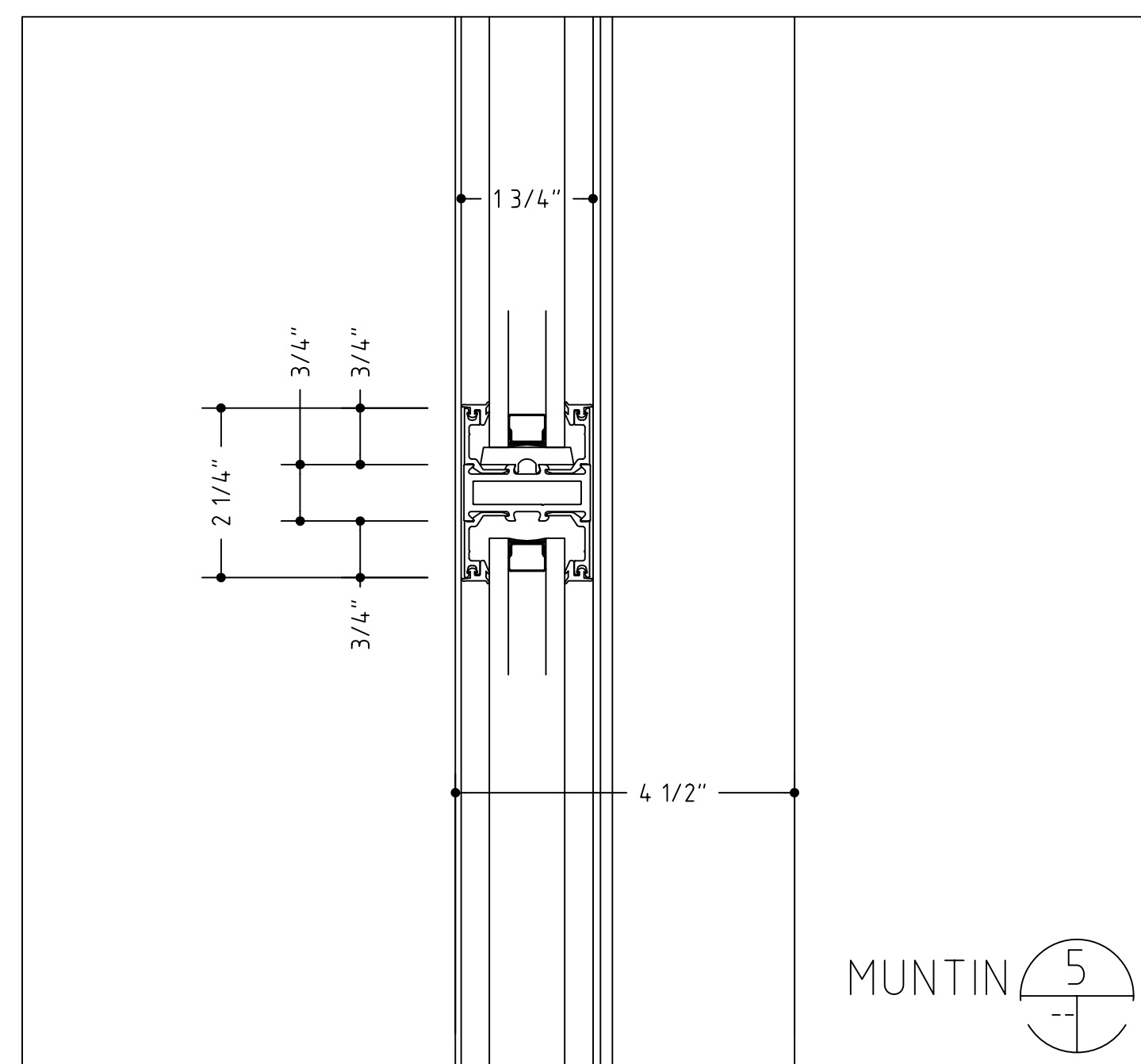
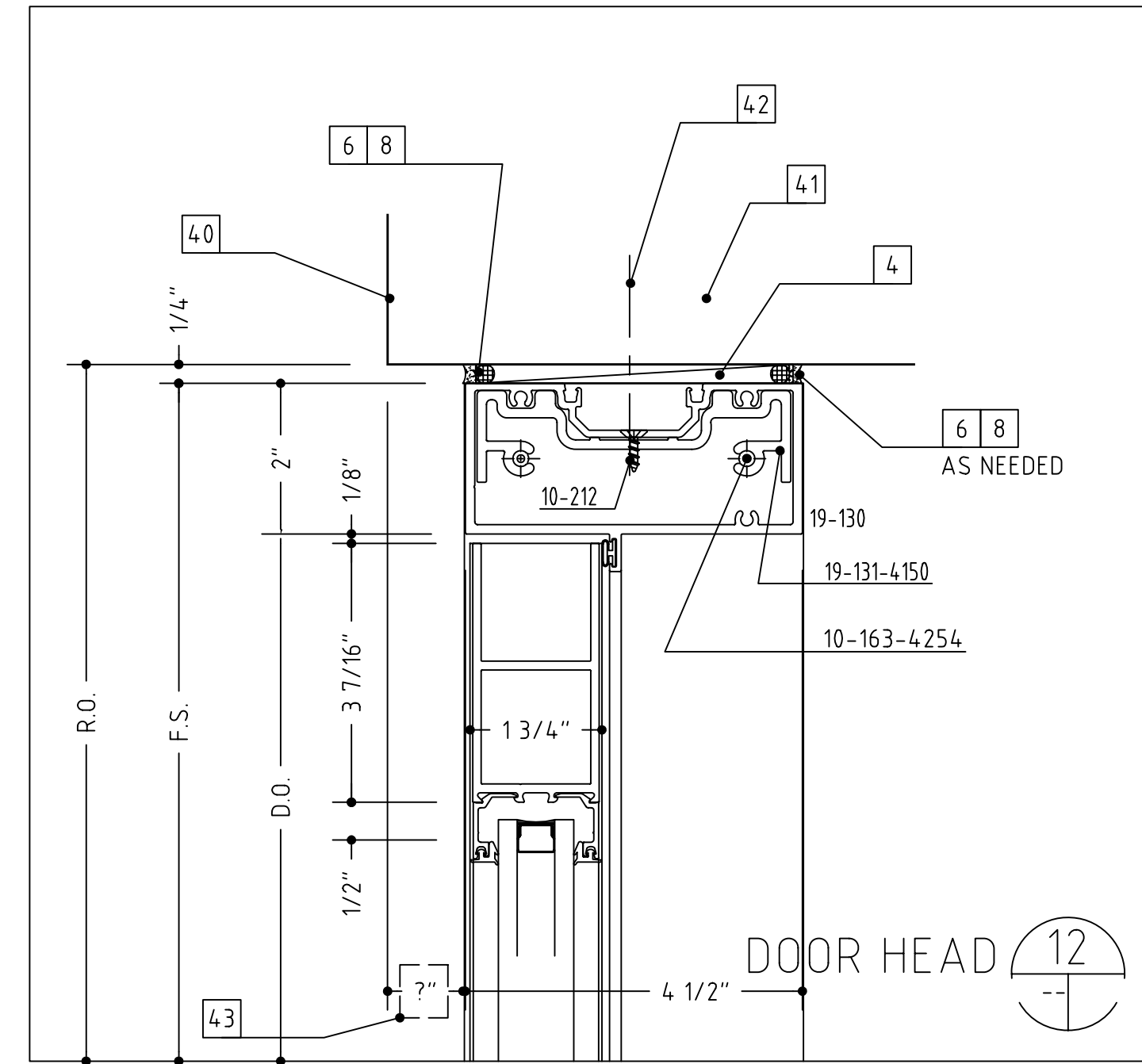
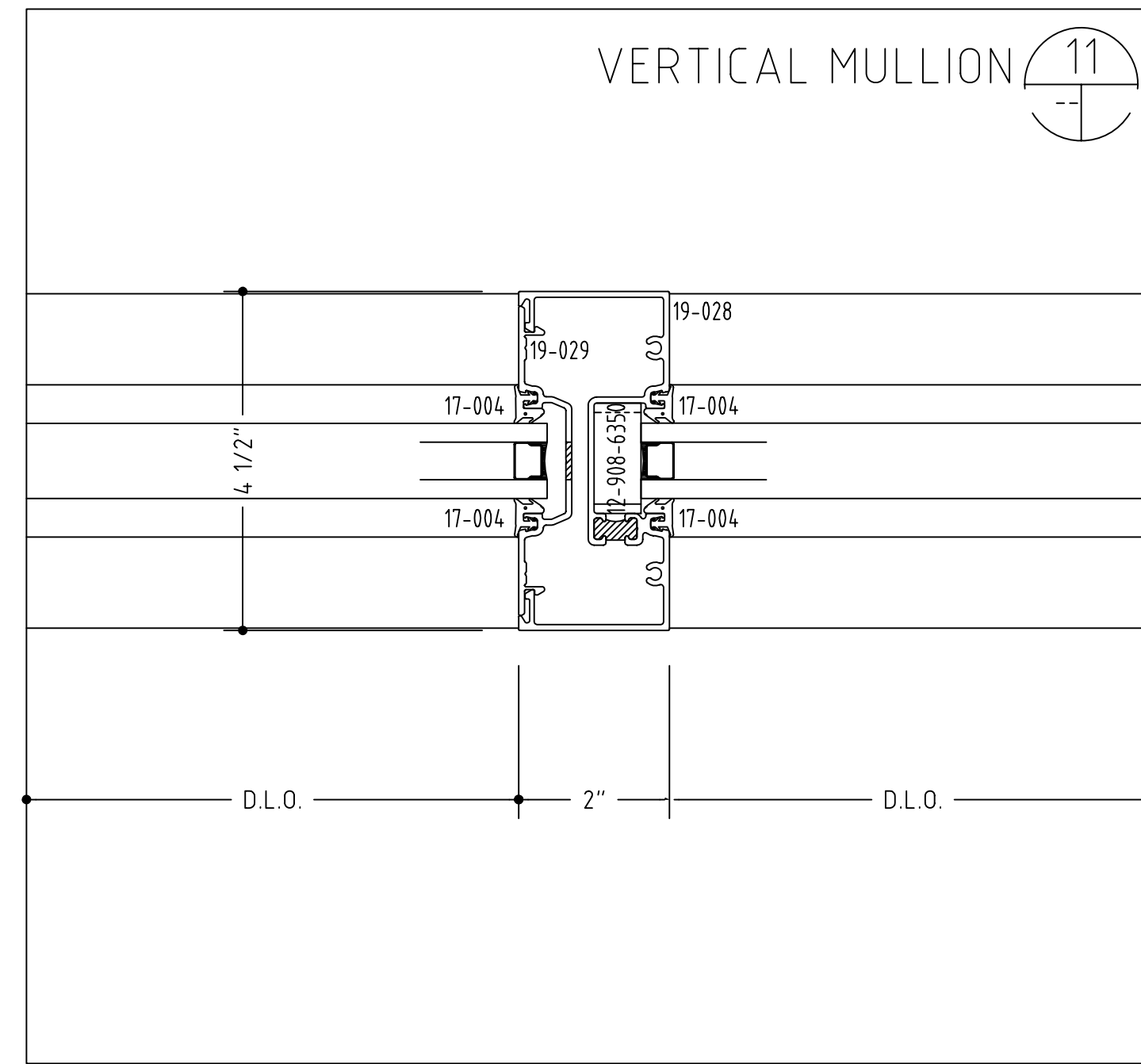
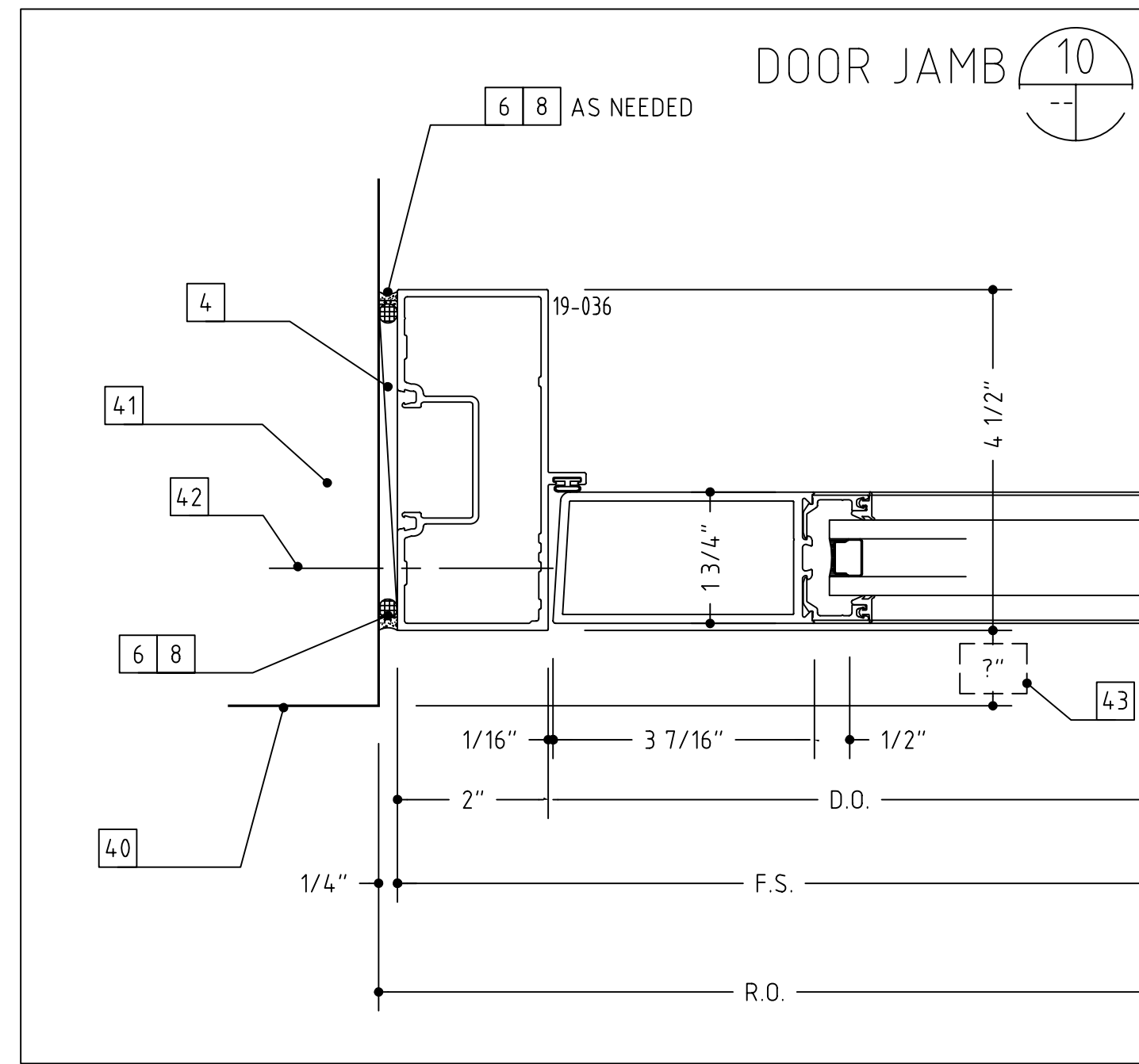
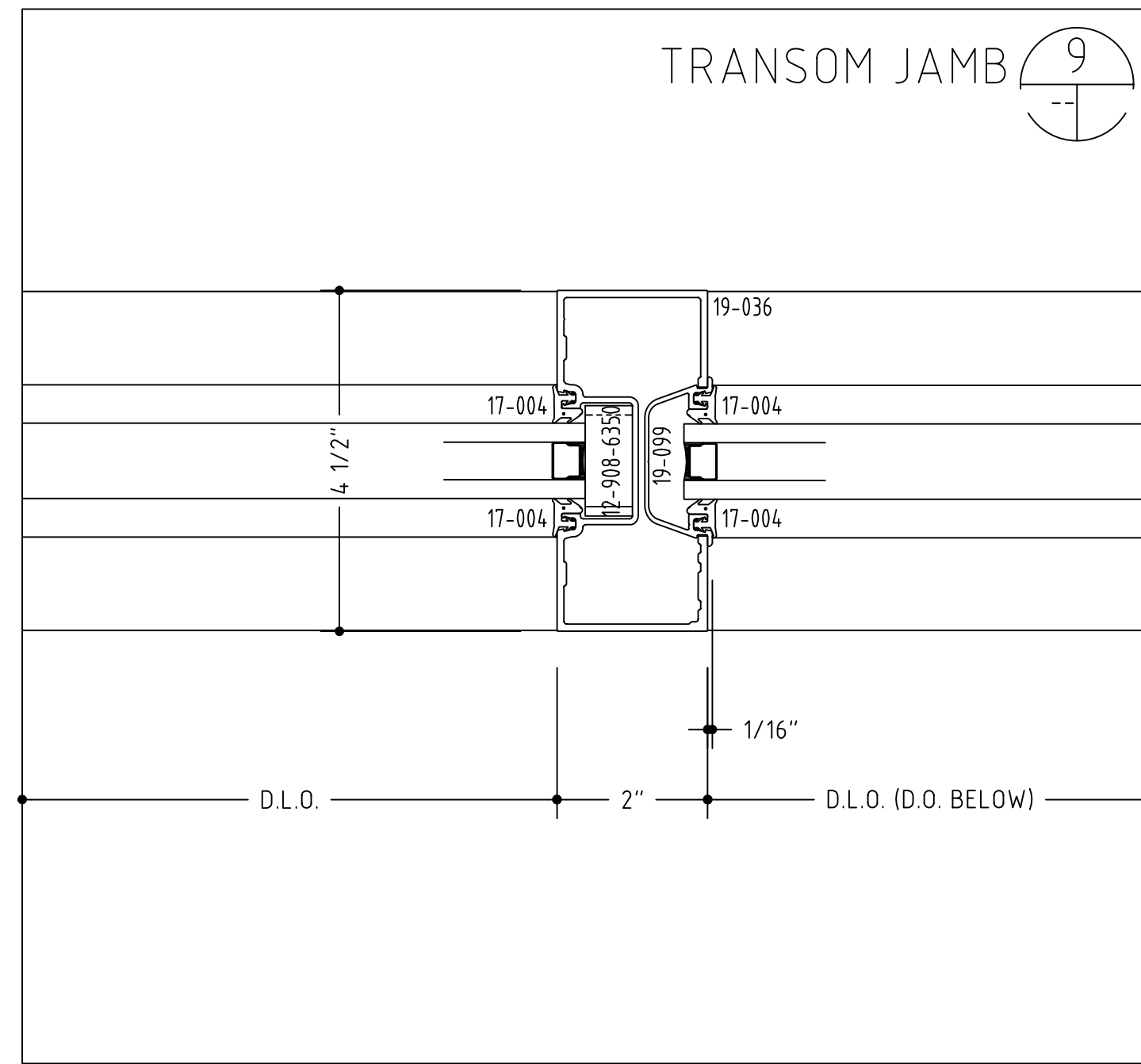


MISSOURI COTTON EXCHANGE, 3420 BUTTOWOOD DRIVE, COLUMBIA, MISSOURI

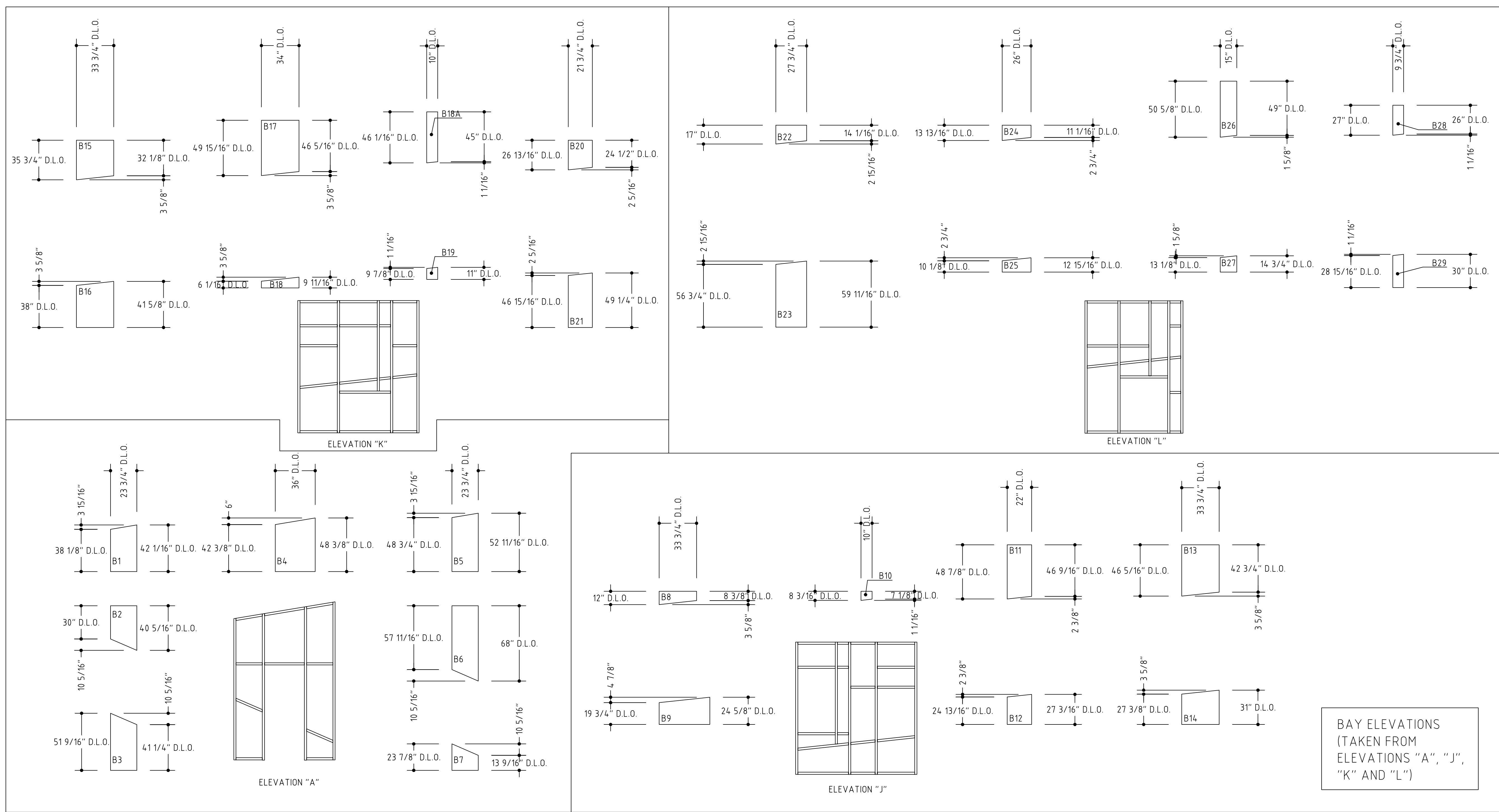
SHEET #:  
3

VERIFY ALL DIMENSIONS





- 1 #12 x 2" OR 3 1/2", PFH WOOD SCREW (WITH A 1/4" EXPANSION ANCHOR AS NEEDED)
- 2 1/4"-20 X 2" OR 3 1/2", PFH MACHINE SCREW
- 3 #12 X 2" OR 3", PFH SHEET METAL SCREW
- 4 SHIMS AS NEEDED (PLASTIC OR CEDAR)
- 5 INTERMITTENT FILLER PLATES (AS NEEDED FOR SHIMMING AND ANCHORING)
- 6 PERIMETER CAULK (AS SPECIFIED)
- 7 BEDDING CAULK (AS SPECIFIED)
- 8 ETHAFDAM BACKING ROD OR DENVER FOAM
- 9 040" ALUMINUM SILL FLASHING SET IN A BED OF SEALANT (TO MATCH SYSTEM FINISH)
- 10 040" ALUMINUM TRIM (TO MATCH SYSTEM FINISH)
- 11 DOUBLE BACK FOAM TAPE (AS NEEDED)
- 12 NEUTRAL CURE SILICONE (COLOR AS REQUIRED)
- 13 ALUMINUM POP RIVET (SIZE AND TYPE AS NEEDED)
- 14 #10 PPH SHEET METAL SCREW (LENGTH TO SUIT CONDITION)
- 15 #10 PPH SHEET METAL SCREW (LENGTH TO SUIT CONDITION)
- 16 WEEP HOLES (TWO PER D.L.O.)
- 17 ACCESS HOLE
- 18 SETTING BLOCK (TWO PER D.L.O.)
- 19 STEEL REINFORCING (AS REQUIRED)
- 20 C.M.U. BY OTHERS
- 21 BRICK VENEER BY OTHERS
- 22 WOOD BLOCKING BY OTHERS
- 23 GYPSUM WALLBOARD BY OTHERS
- 24 SHEATHING BY OTHERS
- 25 INSULATION BY OTHERS
- 26 THROUGH WALL FLASHING BY OTHERS
- 27 STEEL BY OTHERS
- 28 STEEL STUD FRAMING BY OTHERS
- 29 SLAB BY OTHERS
- 30 FINISHED FLOOR (AS SCHEDULED BY ARCHITECT)
- 31 EIFS OR DRYVIT VENEER BY OTHERS
- 32 PRECAST CONCRETE BY OTHERS
- 33 ACOUSTIC CEILING SYSTEM BY OTHERS
- 34 STOOL BY OTHERS
- 35 SEALANT BY OTHERS
- 36 EXPANSION JOINT BY OTHERS
- 37 J-TRIM OR CORNER BEAD BY OTHERS
- 38 AUTOMATIC DOOR SYSTEM BY OTHERS
- 39 DOOR BY OTHERS
- 40 THE HEAVY LINE REPRESENTS THE PERIMETER CONSTRUCTION BY OTHERS. THE PERIMETER CONSTRUCTION IS NOT SHOWN IN DETAIL.
- 41 VERIFY THE CONFIGURATION AND COMPOSITION OF THE PERIMETER CONSTRUCTION. COORDINATE WITH THE G.C. FOR A PROPER INSTALLATION.
- 42 VERIFY THE FASTENER TYPE, SIZE AND LENGTH BASED ON THE PERIMETER CONSTRUCTION CONFIGURATION AND COMPOSITION.
- 43 VERIFY THE REVEAL/SETBACK DIMENSION BASED ON THE CONFIGURATION OF THE PERIMETER CONSTRUCTION.
- 63 ALUMINUM ANGLE, SIZE AND THICKNESS TO SUIT OR AS SHOWN



- 1 #12 x 2" OR 3 1/2", PFH WOOD SCREW (WITH A 1/4" EXPANSION ANCHOR AS NEEDED)
- 2 1/4"-20 X 2" OR 3 1/2", PFH MACHINE SCREW
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BAY ELEVATIONS  
(TAKEN FROM  
ELEVATIONS "A", "J",  
"K" AND "L")

