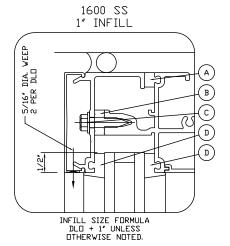
XK CURTAINWALL SPECIALISTS ENTRY ADDITION AND OFFICE REMODELING FOR DELTAHAWK ENGINES RACINE, WISCONSIN **GENERAL NOTES:** DESIGN CRITERIA: PROJECT INFORMATION: DESIGN LOADS DETERMINED PER: 1. DO NOT ORDER GLASS OR GLAZING MATERIALS EXCEPT FROM THE FINAL ASCE 7-10 (IBC 2012) JOB NAME: DELTAHAWK ENGINES (WALLS) ERECTION DRAWINGS UNLESS RECEIVING WRITTEN AUTHORIZATION FROM THE MANUFACTURING FACILITY. LOCATION: RACINE, WISCONSIN MEAN BUILD'G HT. (FT.): 2 XK CURTAINWALL WILL ASSUME NO RESPONSIBILITY FOR ERRORS WINDLOAD: 17.48 PSF (POSITIVE)
WINDLOAD: 18.93 PSF (NEGATIVE) RESULTING FROM THE USE OF THESE DRAWINGS BY OTHER TRADES. EXPOSURE CATEGORY: ULTIMATE WINDSPEED (MPH): 115 ARCHITECT: BUTTERFIELD, RUDIE & SEITZ, INC. WINDLOAD: 23.30 PSF (NEGATIVE AT CNI 3. FINAL APPROVAL OF THE DRAWINGS CONSTITUTES ACCEPTANCE OF ALL DEVIA-RISK CATEGORY: TIONS TO THE CONTRACT DOCUMENTS. INTERNAL PRESS. COEFF.: 0.18 TOPOGRAPHIC FACTOR: 4 LAWS AND BUILDING AND SAFETY CODES GOVERNING THE DESIGN AND USE OF MANUFACTURER: KAWNEER GLAZING ENTRANCE, WINDOW, AND CURTAIN WALL PRODUCTS VARY WIDELY. XK CURTAINWALL DOES NOT CONTROL THE SELECTION OF PRODUCT CONFIGURATIONS, OPERATING HARDWARE OR GLAZING MATERIALS AND ASSUMES NO RESPONSIBILITY PRODUCTS: 1600 SYSTEM 1 & 2, TRIFAB 450 & NS190 DOOR **GLAZING SCHEDULE:** 5. A BITUMINOUS PAINT/ZINC CHROMATE OR AN EQUAL SEPARATION MATERIAL IS 1" INSULATED TEMPERED VISION GLASS FINISH: CLEAR ANODIZED (UNLESS NOTED OTHERWISE) REQUIRED WHEN ALUMINUM COMES IN CONTACT WITH STEEL OR OTHER = SOLARBAN 60 ON SOLAR GRAY SOLARBAN 60 ON SOLAR GRAY DISSIMILAR MATERIALS. DRAWN FROM: SHEETS 1 THRU 17 6. ALL RECOMMENDED HEEL BEADS, TOE BEADS AND CAP BEADS SHOWN IN THESE 1" INSULATED SPANDREL GLASS = WITH CERAMIC FRIT ON #4 1/4" CLEAR TEMPERED GLASS SHOP DRAWINGS SHOULD BE APPLIED AND TOOLED WATERTIGHT PER THE SEALANT OR CAULKING MANUFACTURER'S RECOMMENDATIONS AS TO SIZE AND GL4T = COMPATIBILITY WITH ADJACENT MATERIALS. (COLOR TBD) 1/2" CLEAR TEMPERED GLASS 1/2" VELOUR TEMPERED GLASS 7. ALL GASKETS ARE TO BE THOROUGHLY SEALED AND MADE WATERTIGHT AT BUTT JOINTS AND INTERSECTIONS USING A SKINNING NON-HARDENING SEALANT GL3T = GL5T = DATED: 8/13/15 AS RECOMMENDED BY THE SEALANT MANUFACTURER. 8. ALL METAL TO METAL BUTT JOINTS, OVERLAPS AND INTERSECTIONS ARE TO BE MISC. NOTES: **DRAWING INDEX:** SEALED WATERTIGHT. 001-003: LEADSHEET, GLAZING DETAILS & HARDWARE SCHEDULES 9. ALL PERIMETER CAULKING IS TO BE APPLIED AND TOOLED PER THE 100-101: KEY PLANS MANUFACTURER'S RECOMMENDATIONS. 200-209: EXTERIOR ELEVATIONS 10. PLEASE VERIFY ALL OPENING, REFERENCE, & ANCHOR LOCATION DIMENSIONS. 300-302: INTERIOR ELEVATIONS 400-410: EXTERIOR DETAILS 11. ALSO PLEASE VERIFY STRUCTURAL INTEGRITY OF ALL SURROUNDING CONDITIONS. 500: INTERIOR DETAILS SHOP DRAWING ABBREVIATIONS: LEGEND: **ENGINEER STAMP:** PRINTS ISSUED FOR: S SHOP DRILL PERIMETER SEAL A.R. = ARCH, REFERENCE M.L. = MULLION LENGTH F FIELD DRILL UNIT NUMBER C/L = CENTER LINE O.C. = ON CENTER FA FIELD ATTACH DLO = DAY LIGHT OPENING O.D. = OPENING/OVERALL DIMENSION DETAIL NUMBER WINDLOAD OR DEADLOAD SHOP SEAL D/L = DEADLOADR.D. = REFERENCE DIMENSION SA SHOP ATTACH SHEET NUMBER D.O. = DOOR OPENING R.I. = RAFTER | FNGTH SPLICE SHEET NO: D.B. = DOOR SIZE R.O. = ROUGH OPENING DIMENSIONAL REF. ANCHOR LOCATION F.H. = FRAME HEIGHT S/L = STOCK | FNGTH F.W. = FRAME WIDTH BRAKE SPLICE W.D. = WINDOW DIMENSION W L WINDLOAD ANCHOR DEADLOAD ANCHOR W/L = WINDLOAD HS HORIZONTAL SPLICE 001 M.H. = MULLION HEIGHT W.P. = WORKING POINT

GLAZING DETAILS

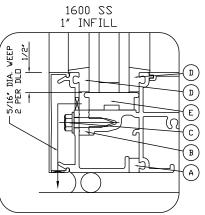
DRAWN BY: XK CURTAINWALL SPECIALISTS





- A 027-857 FIXED GASKET
- A 027-857 FIXED GASKEI
 (SHDRE 'A' 70±5 DURUMETER EPDM)
 B 162-310 THERMAL SEPARATUR
 (SHURE 'A' 60±5 DURUMETER EPDM)
 C 128-406 1/4 x 1' AB HWHTF
 D 027-850 FIXED GASKET

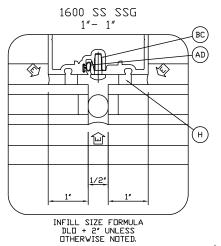
(SHORE "A" 60±5 DUROMETER EPDM)



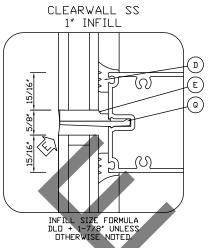
INFILL SIZE FORMULA
DLO + 1" UNLESS
OTHERWISE NOTED.

- A 027-857 FIXED GASKET
 (SHDRE 'A' 70±5 DURDMETER EPDM)
 B 162-310 THERMAL SEPARATOR
 (SHDRE 'A' 60±5 DURDMETER EPDM)
 C 128-406 1/4 x 1' AB HWHTF
 D 027-850 FIXED GASKET
- CSHORE 'A' 60±5 DUROMETER EPDM)

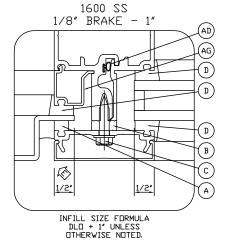
 E 027-853 SETTING BLOCK
 (SHORE 'A' 85±5 DUROMETER EPDM)



- H 027-475 FIXED GASKET
- (SHORE "A" 60±5 DUROMETER EPDM) AD 027-493 BULB GASKET
 (CO-EXTRUDED 65-A SANTOP
- POLYPROPYLENE)
 BC 977-108 #10 x 1/2" B PHTF

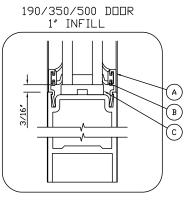


127-161 INTERIOR FIXED GASKET (SHDRE 'DD' 70±10 DURDMETER EPDM SPONGE) 127-158 SETTING BLOCK (SHDRE '4' 85±5 DURDMETER SILICONE) 172-200 SS GLASS CHAIR



A 027-857 FIXED GASKET

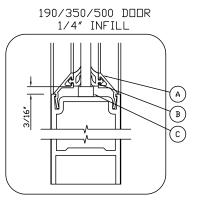
- A 027-857 FIXED GASKEI
 (SHORE 'A' 70±5 DURDMETER EPDM)
 B 162-310 THERMAL SEPARATOR
 (SHORE 'A' 60±5 DURDMETER EPDM)
 C 128-406 1/4 × 1' AB HWHTF
 D 027-850 FIXED GASKET
- (SHORE "A" 60±5 DUROMETER EPDM)
- AD 027-493 BULB GASKET
- COLEXTRUDED 65-A SANTOPRENE/ POLYPROPYLENE) AG 162-054 1/8" ADAPTER



INFILL SIZE FORMULA DLO - 3/8" UNLESS OTHERWISE NOTED.

- 200-045 GLASS STOP 27-557 GASKET, DUAL DURDMETER (SHORE "A"
- 64±5 DUROMETER SANTOPRENE, SHORE "D" 68 DUROMETER
- POLYPROPYLENE)

 27-339 SETTING BLOCK (SHORE "A" 85±5
 DUROMETER EPDM)

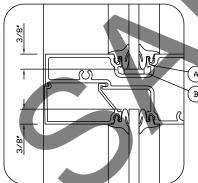


INFILL SIZE FORMULA DLO - 3/8" UNLESS OTHERWISE NOTED.

- 200-041 GLASS STOP 27-563 WEATHERING (SHORE "A" 70±5 DURDMETER EPDM)

 C 27-555 SETTING BLOCK (SHORE "A" 85±5
 - DURUMETER EPDMX

TRIFAB VG 450



INFILL SIZE FORMULA DLO + 3/4" UNLESS OTHERWISE NOTED

- 27-074 STD. PUSH DN GASKET (SHDRE 'A' 7045 DURDMETER EPDM) 27-302 SETTING BLOCK (SHDRE 'A' 85±5 DURDMETER EPDM BLACK)
- 3/8" 3/8"

TRIFAB VG 450

1/4" BESIDE 1/4"

INFILL SIZE FORMULA DLO + 3/4" UNLESS OTHERWISE NOTED

27-074 STD. PUSH ON GASKET (SHORE "A" 70±5 DUROMETER EPDM)

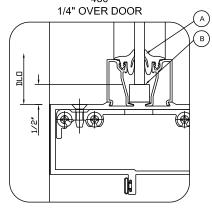
1/8" DLO 1 3/4" DLO INFILL SIZE FORMULA

450

1/4" BESIDE 1/4"

DLO - 1/4" IN TRANSOM AREA

A 27-074 STD. PUSH ON GASKET (SHORE "A" 70±5 DUROMETER EPDM)



002

450 INFILL SIZE FORMULA FOR THIS DETAIL DLO - 3/8" A 27-074 STD. PUSH ON GASKET (SHORE "A" 70±5 DUROMETER EPDM) B 27-366 SETTING BLOCK (SHORE "A" 85±5 DUROMETER EPDM BLACK)

SHEET NO:

DRAWN BY: XK CURTAINWALL DOOR HARDWARE SCHEDULES SPECIALISTS 1: 479-756-1814 FAX: 866-562-4 DOOR#: 100 DOOR#: 101 (INTERIOR) ELEV: D/205 LEFTHAND DUTSWING(RHRB) ELEV: J/209 NS190 SEE ELEVATION SEE ELEVATION QTY/ OPNG QTY/ OPNG HARDWARE DESCRIPTION HARDWARE DESCRIPTION FINISH FINISH KAWNEER STANDARD CONTINUOUS HINGE KAWNEER STANDARD CONTINUOUS HINGE KAWNEER CO9/CP-II PUSH PULL KAWNEER CO9/CP-II PUSH PULL SURFACE CLOSER WITH HOLD-OPEN MS LOCK SURFACE CLOSER WITH HOLD-OPEN KAWNEER STANDARD THRESHOLD 10 KAWNEER STANDARD THRESHOLD KAWNEER STANDARD BOTTOM DOOR WEATHERING DOOR#: 102 DOOR#: 105 DOOR#: 106 FLEV: INT1/300 FLEV: INT3/301 FLEV: INT2/300 ALL GLASS SEE ELEVATION SEE ELEVATION SEE ELEVATION QTY/ OPNG QTY/ OPNG QTY/ OPNG HARDWARE DESCRIPTION HARDWARE DESCRIPTION HARDWARE DESCRIPTION FINISH FINISH FINISH DORMA BOTTOM PIVOTS DORMA BOTTOM PIVOTS DORMA BOTTOM PIVOTS JACKSON OVERHEAD CONCEALED CLOSER WITH HOLD OPE JACKSON OVERHEAD CONCEALED CLOSER WITH HOLD OPEN JACKSON OVERHEAD CONCEALED CLOSER WITH HOLD OPEN 2 ROCKWOOD RM3131 PULL HANDLES BTB 2 ROCKWOOD RM3131 PULL HANDLES BTB ROCKWOOD RM3131 PULL HANDLES BTB CR LAURENCE DR4SBS12S 4" TOP DOOR RAIL (BRUSHED STAINLESS) CR LAURENCE DR4SBS12S 4" TOP DOOR RAIL (BRUSHED STAINLESS) CR LAURENCE DR4SBS12S 4" TOP DOOR RAIL (BRUSHED STAINLESS) CR LAURENCE PH11CBS BOTTOM DOOR PATCH (BRUSHED STAINLESS) CR LAURENCE PH11CBS BOTTOM DOOR PATCH (BRUSHED STAINLESS) CR LAURENCE PH11CBS BOTTOM DOOR PATCH (BRUSHED STAINLESS) DOOR#: 109, 110, 111 DOOR#: ELEV: INT7, INT6, INT5/302 ELEV: INT4/301 LEFTHAND INSWING LEFTHAND INSWING ALL GLASS SEE ELEVATION ALL GLASS QTY/ OPNG QTY/ OPNG HARDWARE DESCRIPTION HARDWARE DESCRIPTION FINISH FINISH DORMA BOTTOM PIVOTS DORMA BOTTOM PIVOTS JACKSON OVERHEAD CONCEALED CLOSER WITH HOLD OPEN JACKSON OVERHEAD CONCEALED CLOSER WITH HOLD OPEN 2 ROCKWOOD RM3131 PULL HANDLES BTB 2 ROCKWOOD RM3131 PULL HANDLES BTB

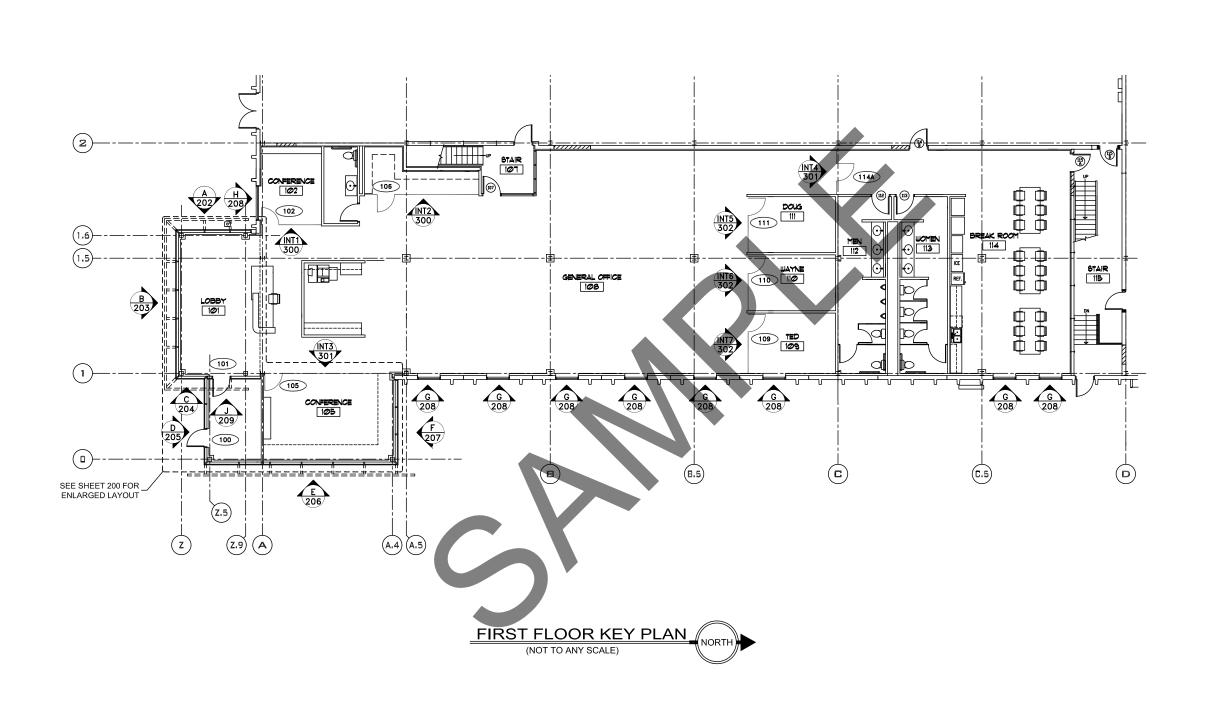
CR LAURENCE DR4SBS12S 4" TOP DOOR RAIL (BRUSHED STAINLESS)

CR LAURENCE PH11CBS BOTTOM DOOR PATCH (BRUSHED STAINLESS)

CR LAURENCE DR4SBS12S 4" TOP DOOR RAIL (BRUSHED STAINLESS)

CR LAURENCE PH11CBS BOTTOM DOOR PATCH (BRUSHED STAINLESS)

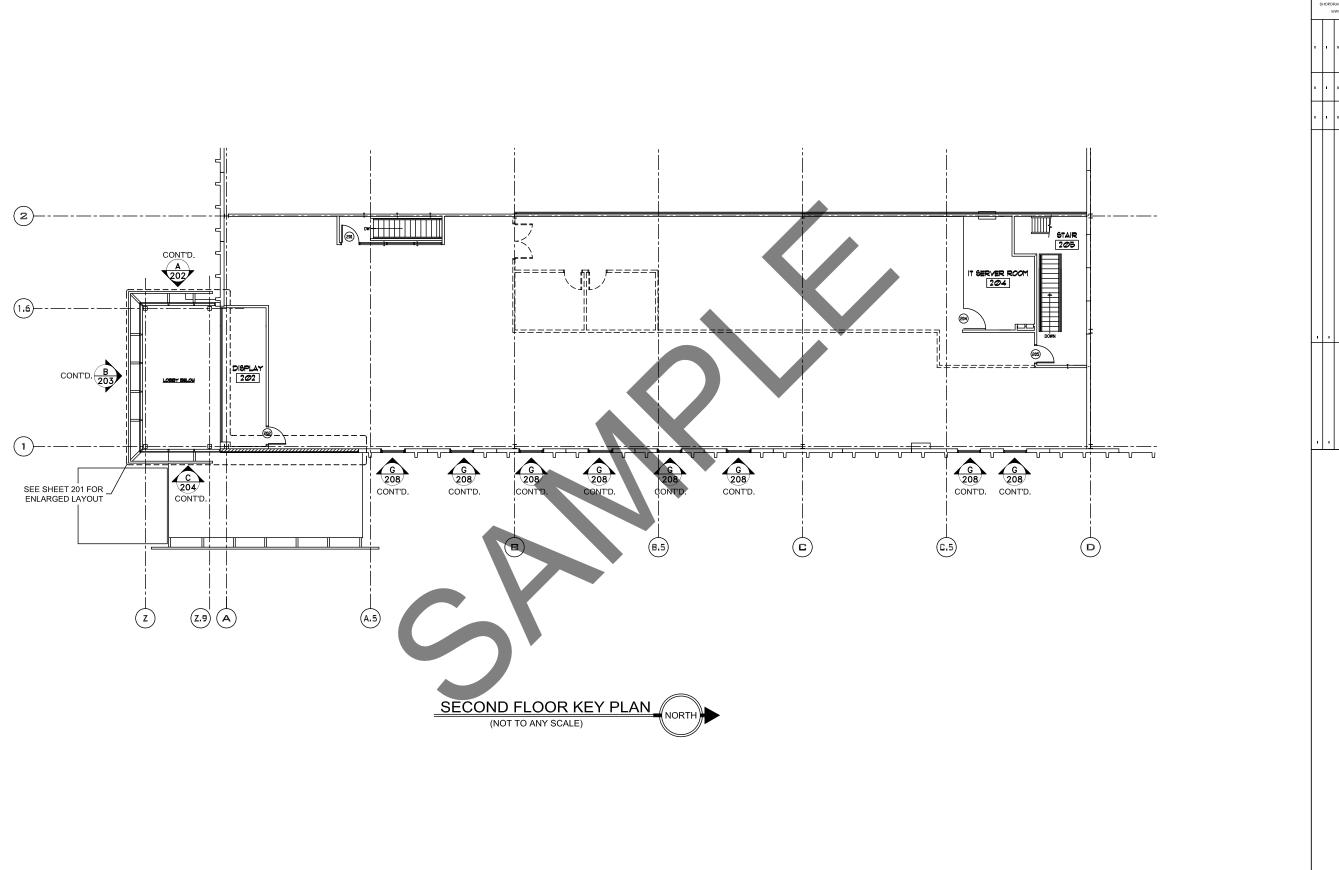
SHEET NO:



PH: 479-756-1814 FAX: 866-562-462
SHOPDRAWINGS@XKCURTAINWALL.COM

	HOPDRAWINGS@XXCURTAINWALL.COM						
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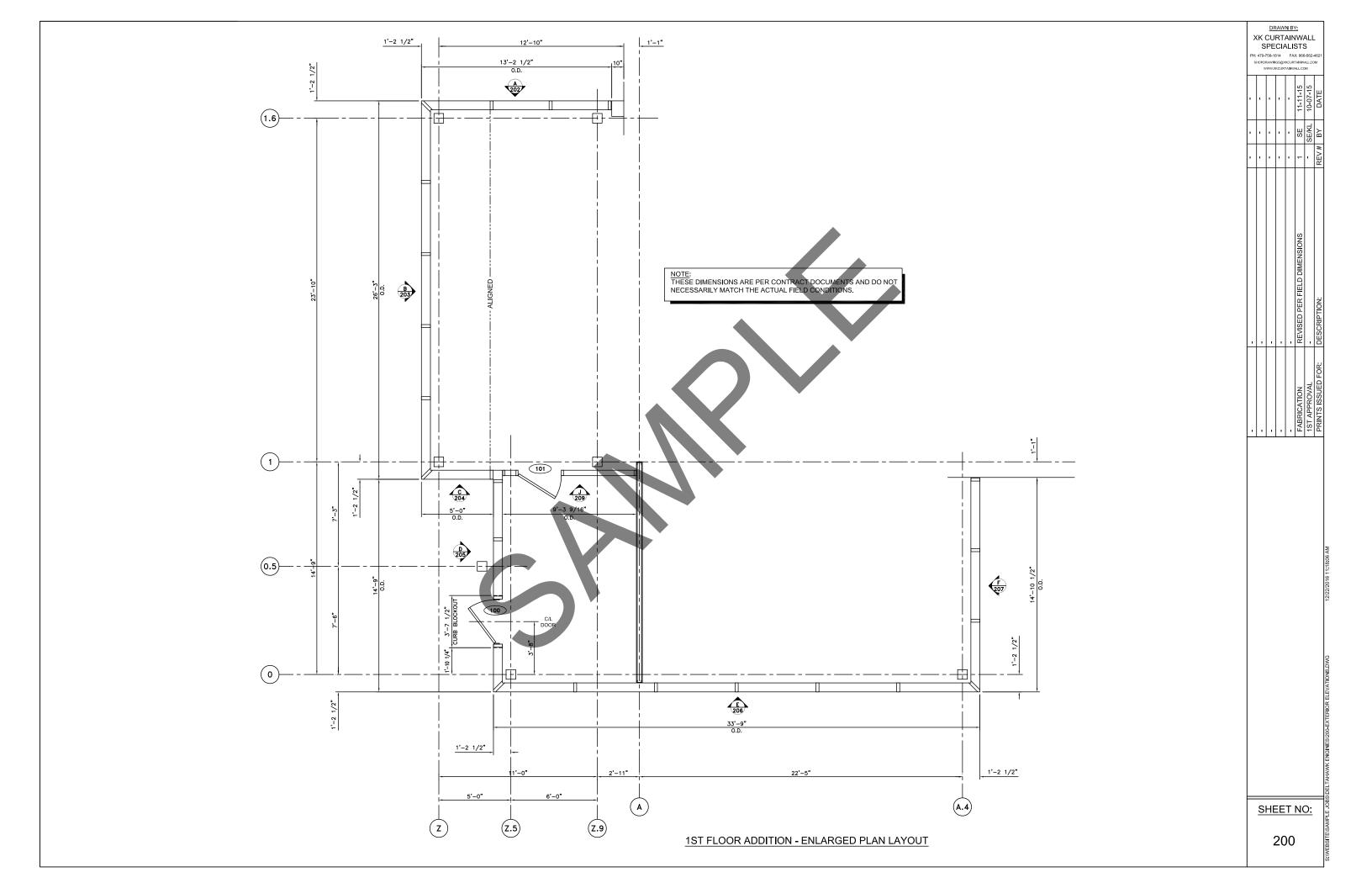
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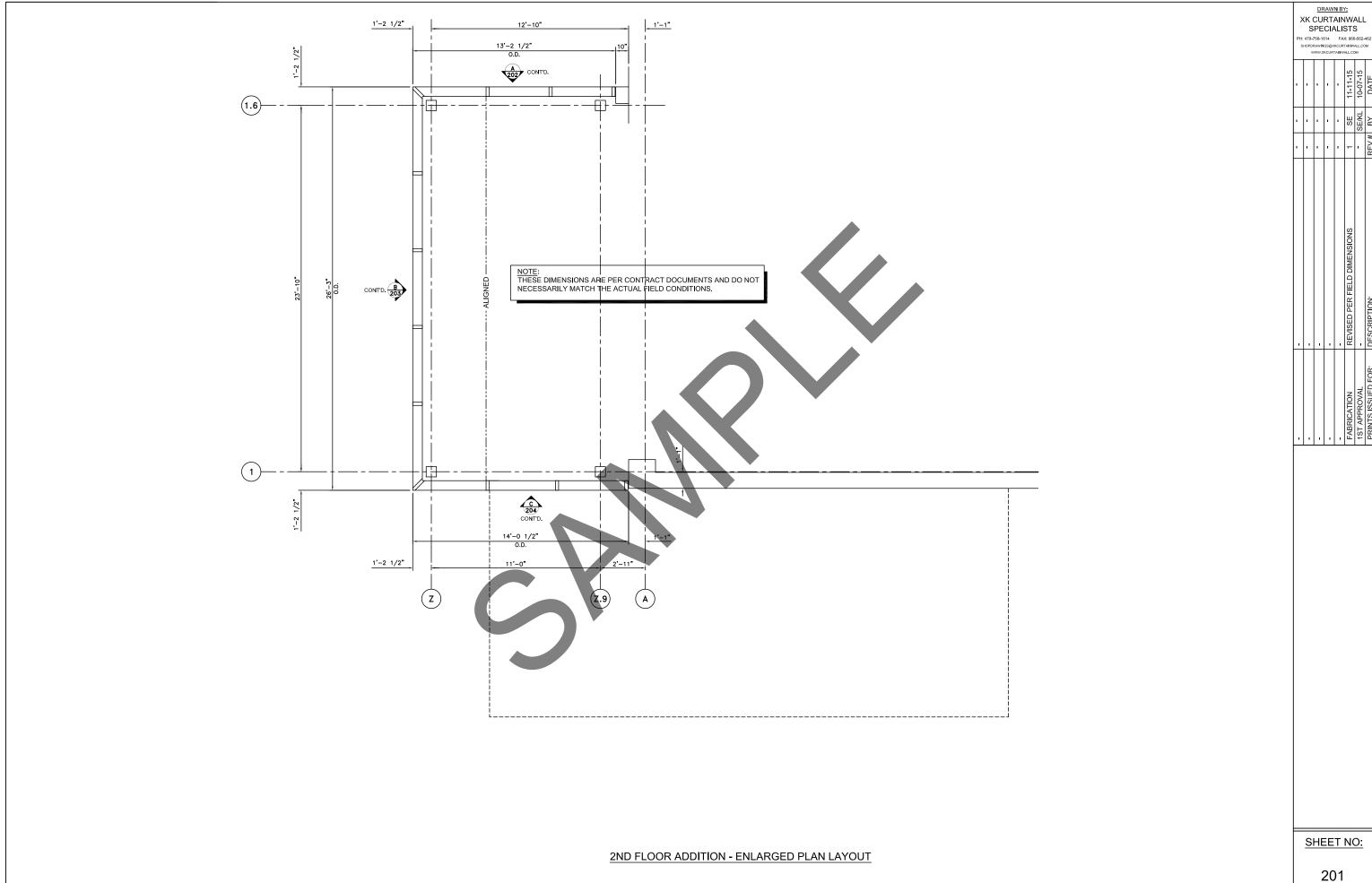


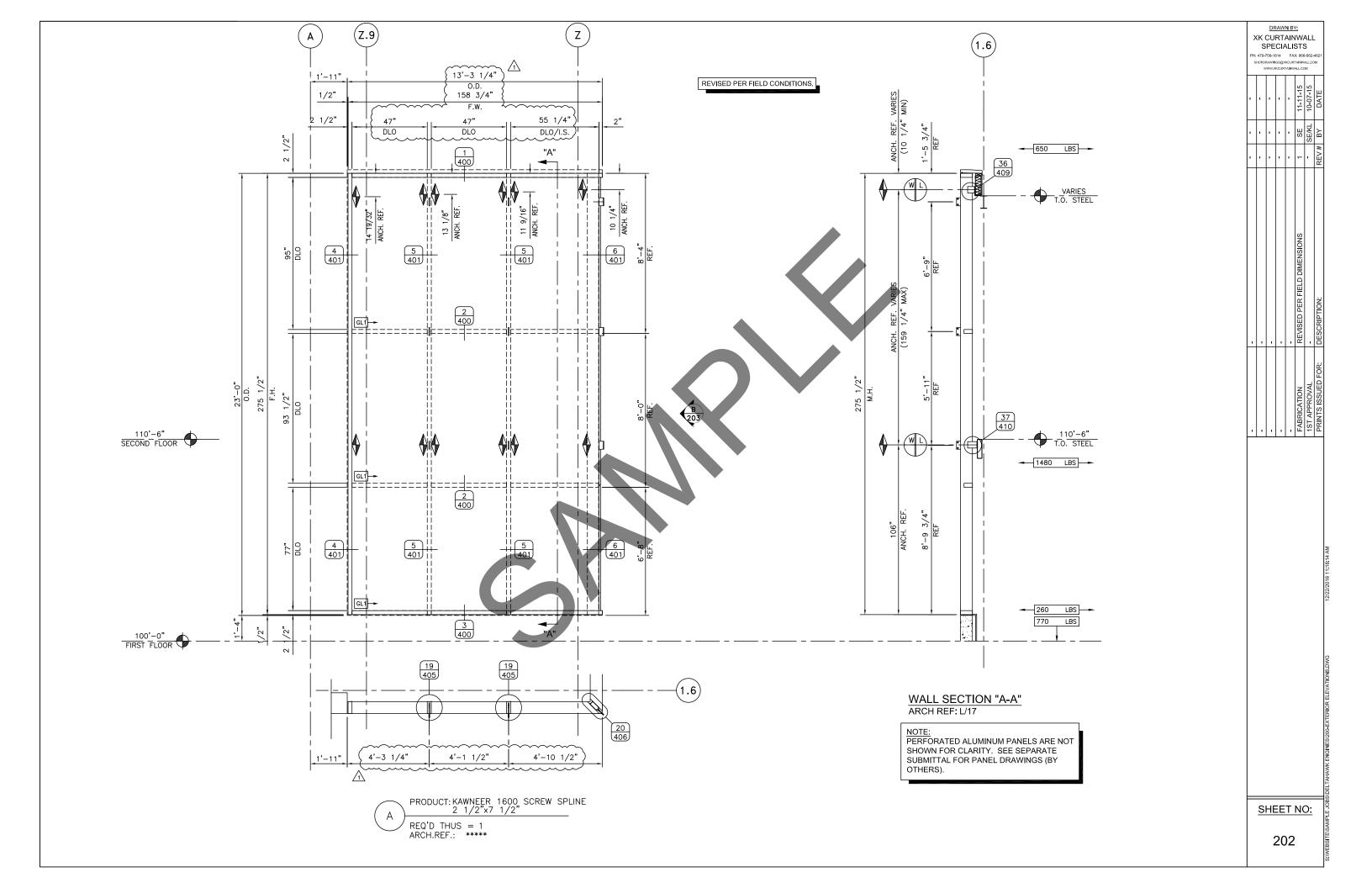
PH: 479-756-1814 FAX: 866-562-462 SHOPDRAWINGS@XKCURTAINWALL.COM

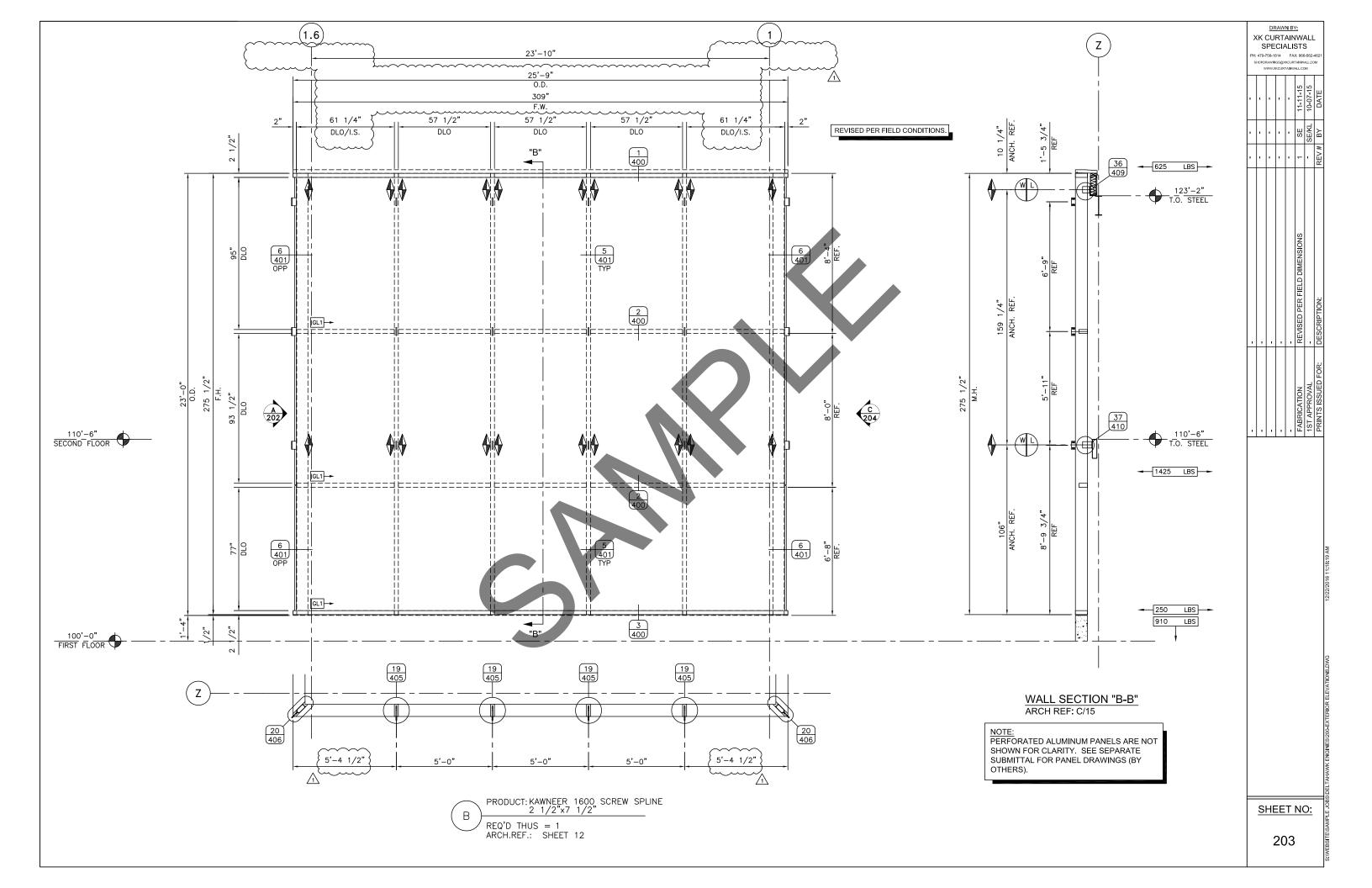
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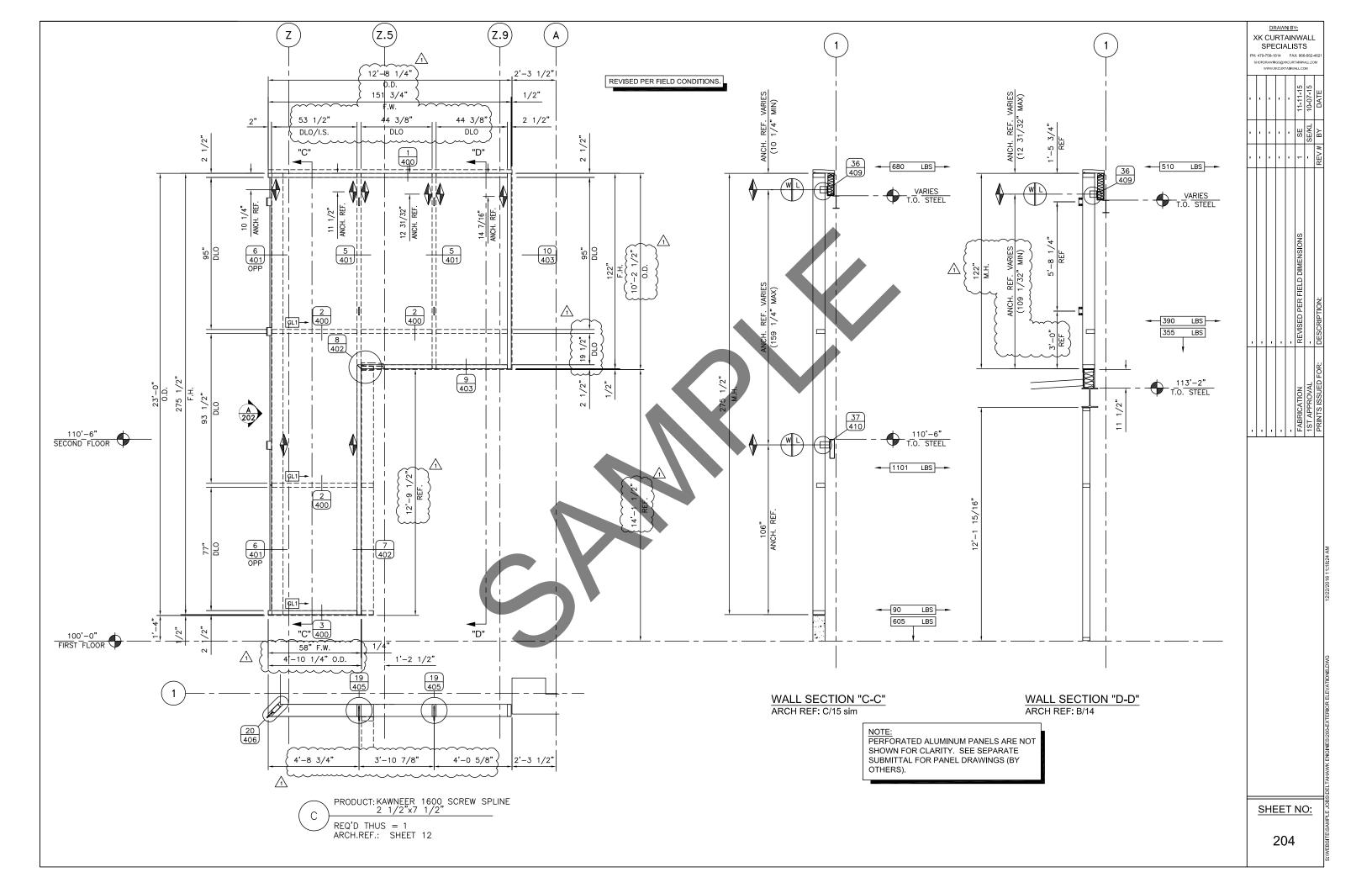
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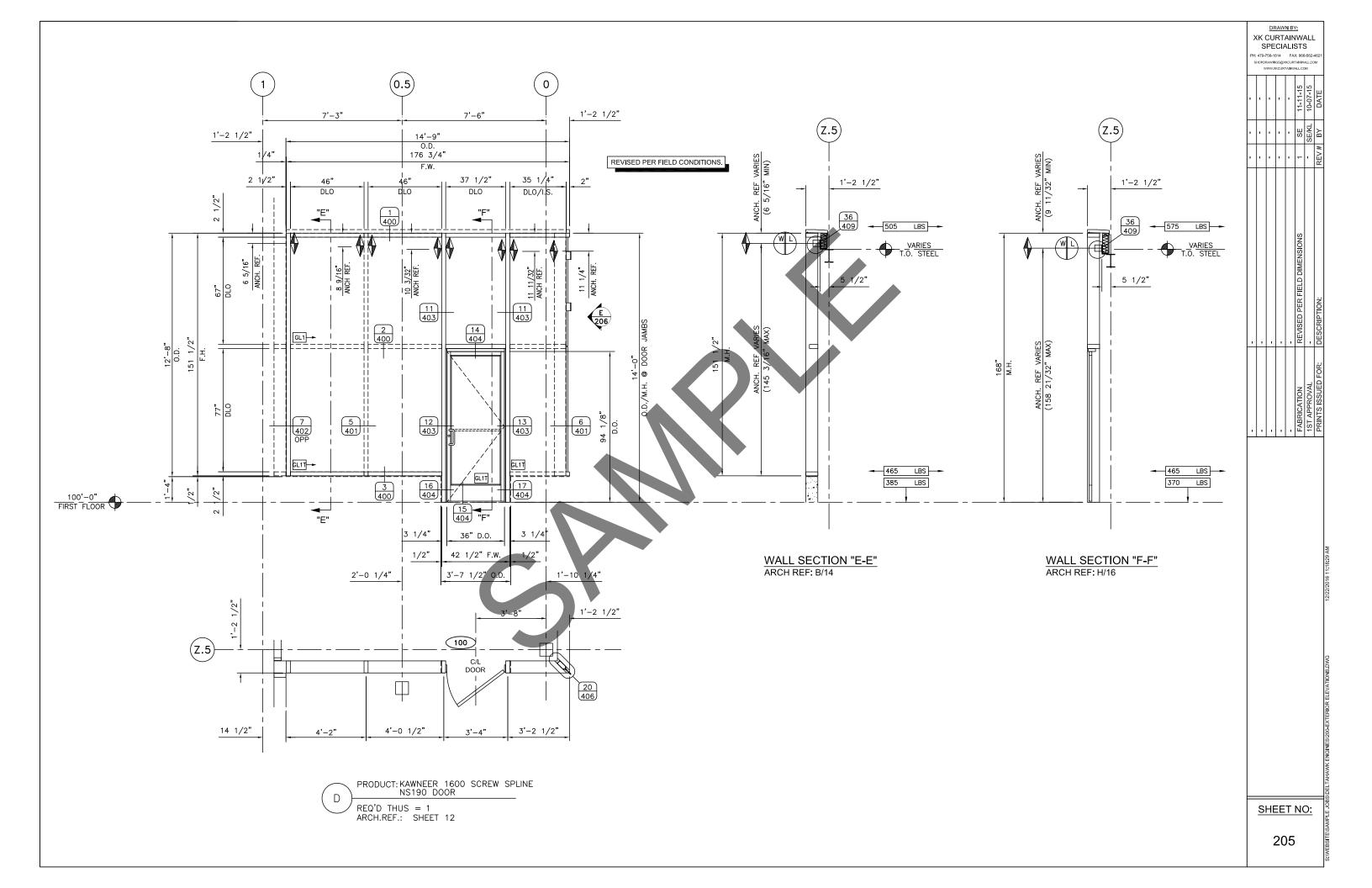


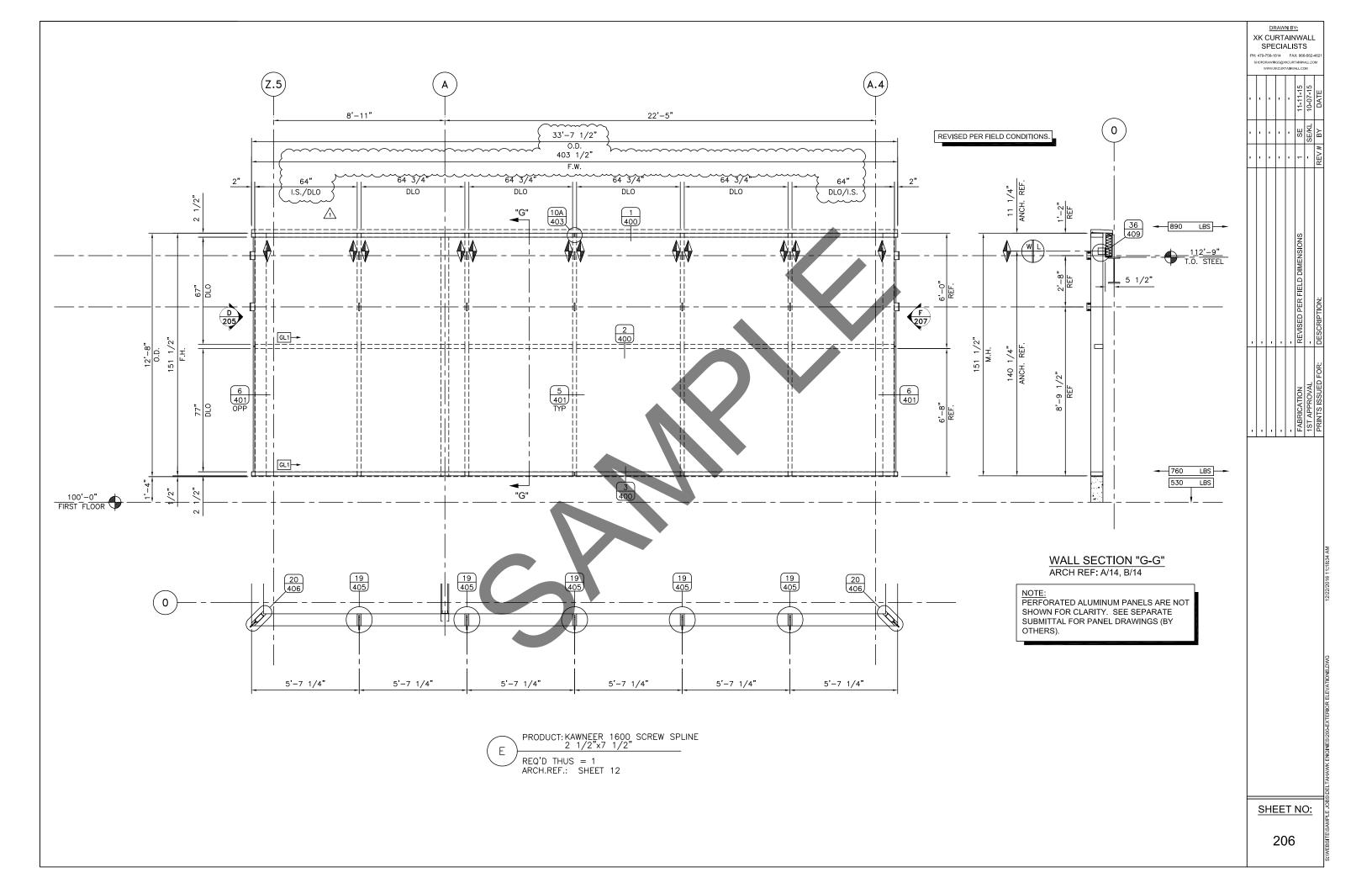


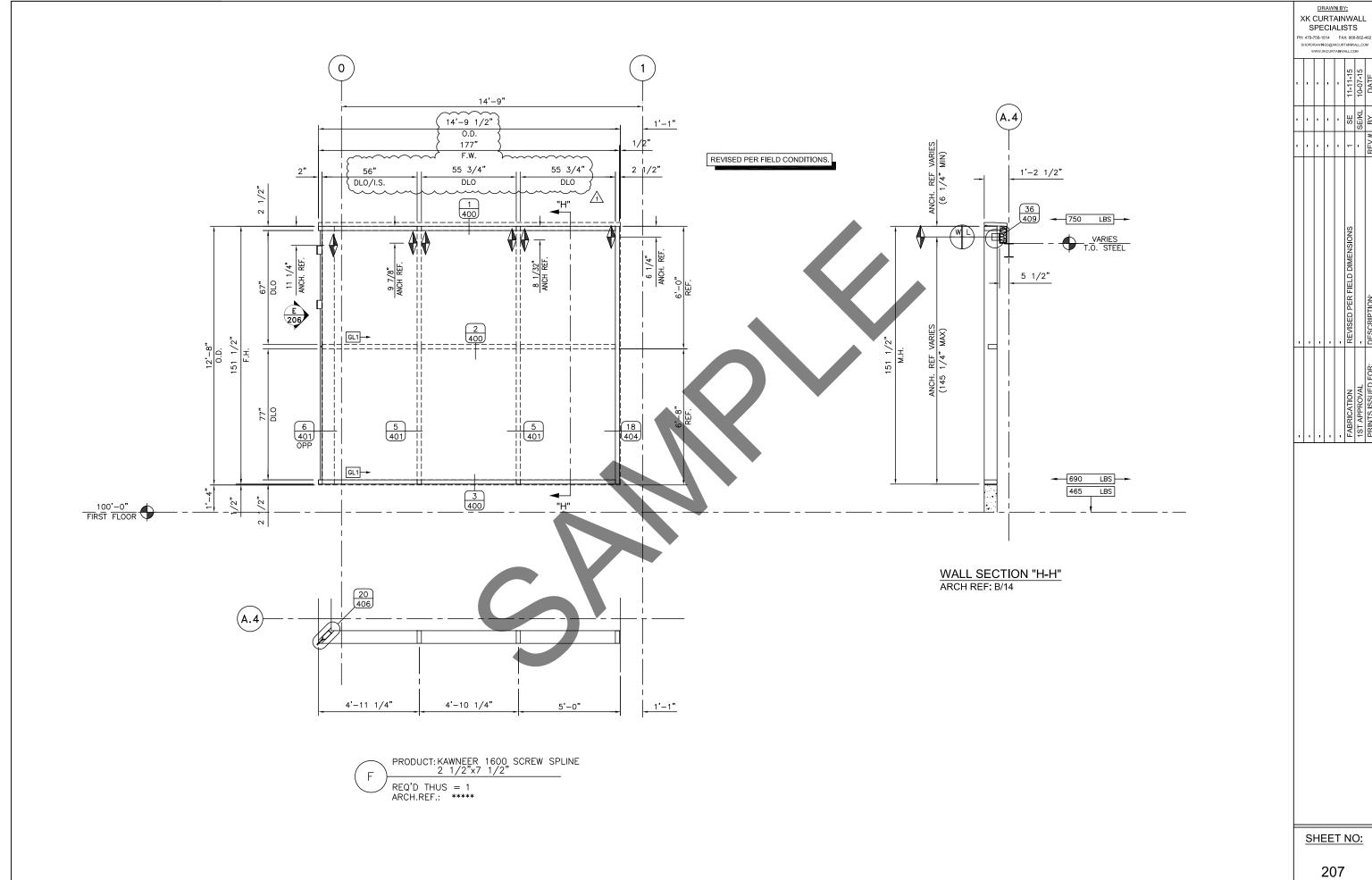


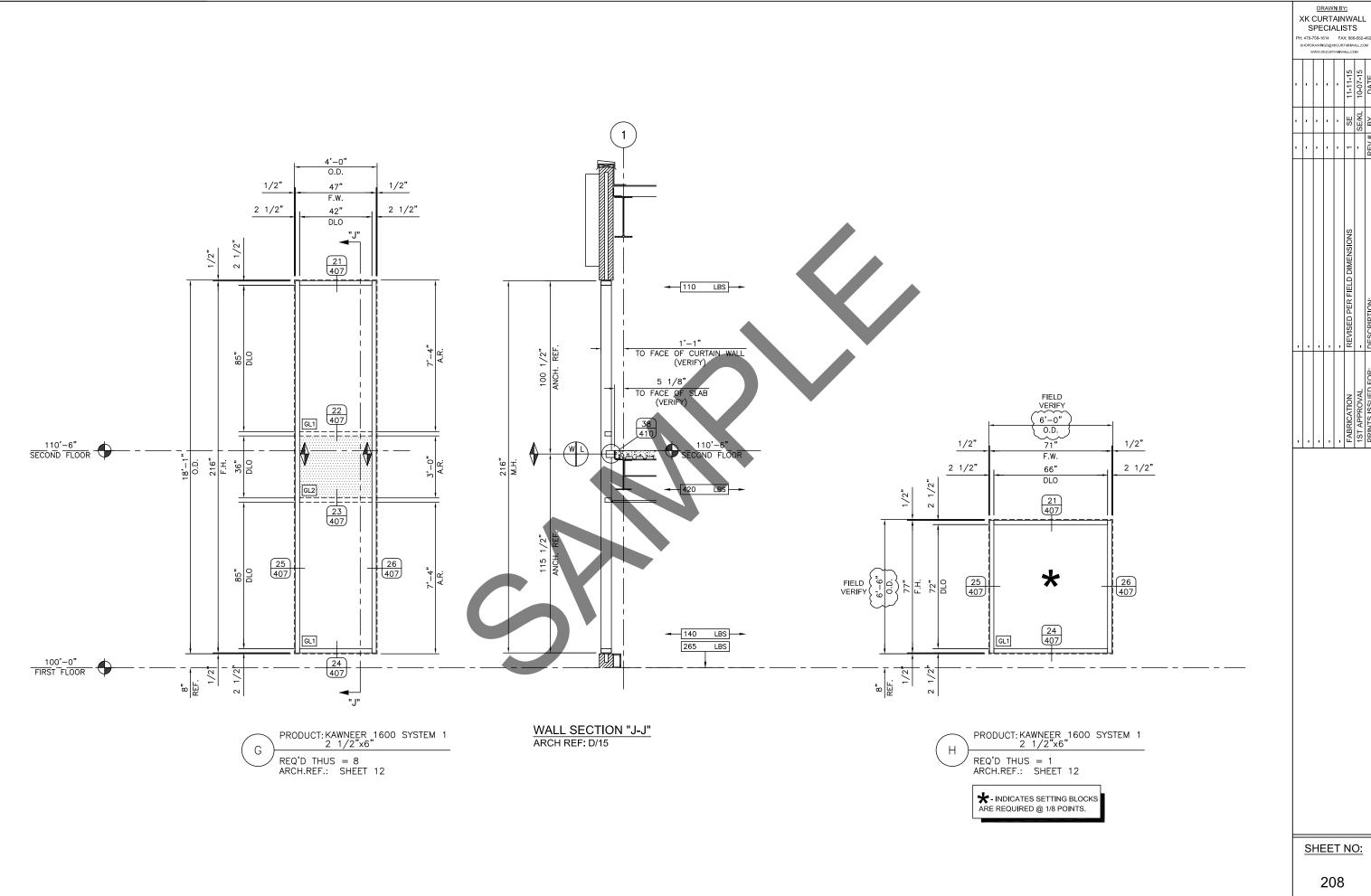


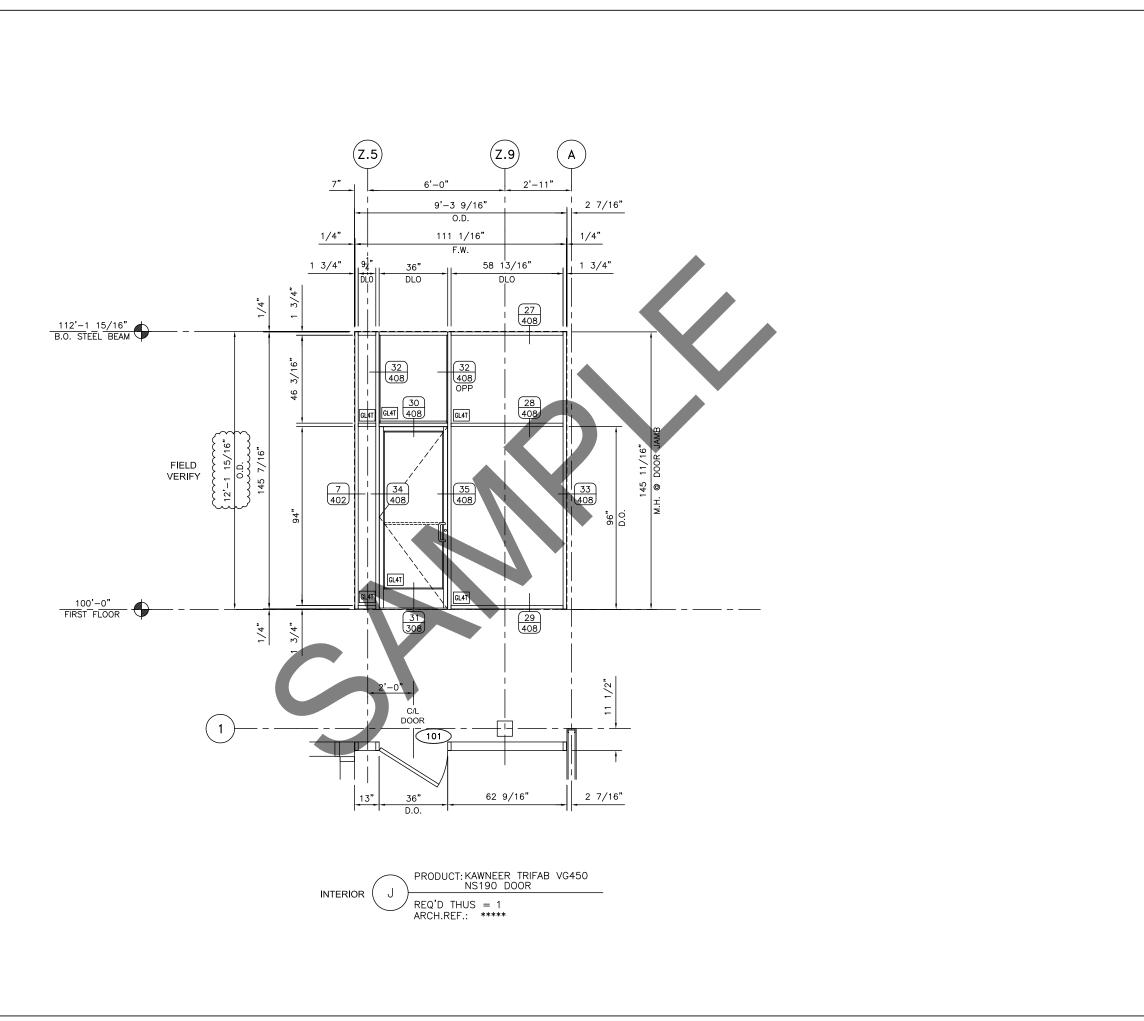








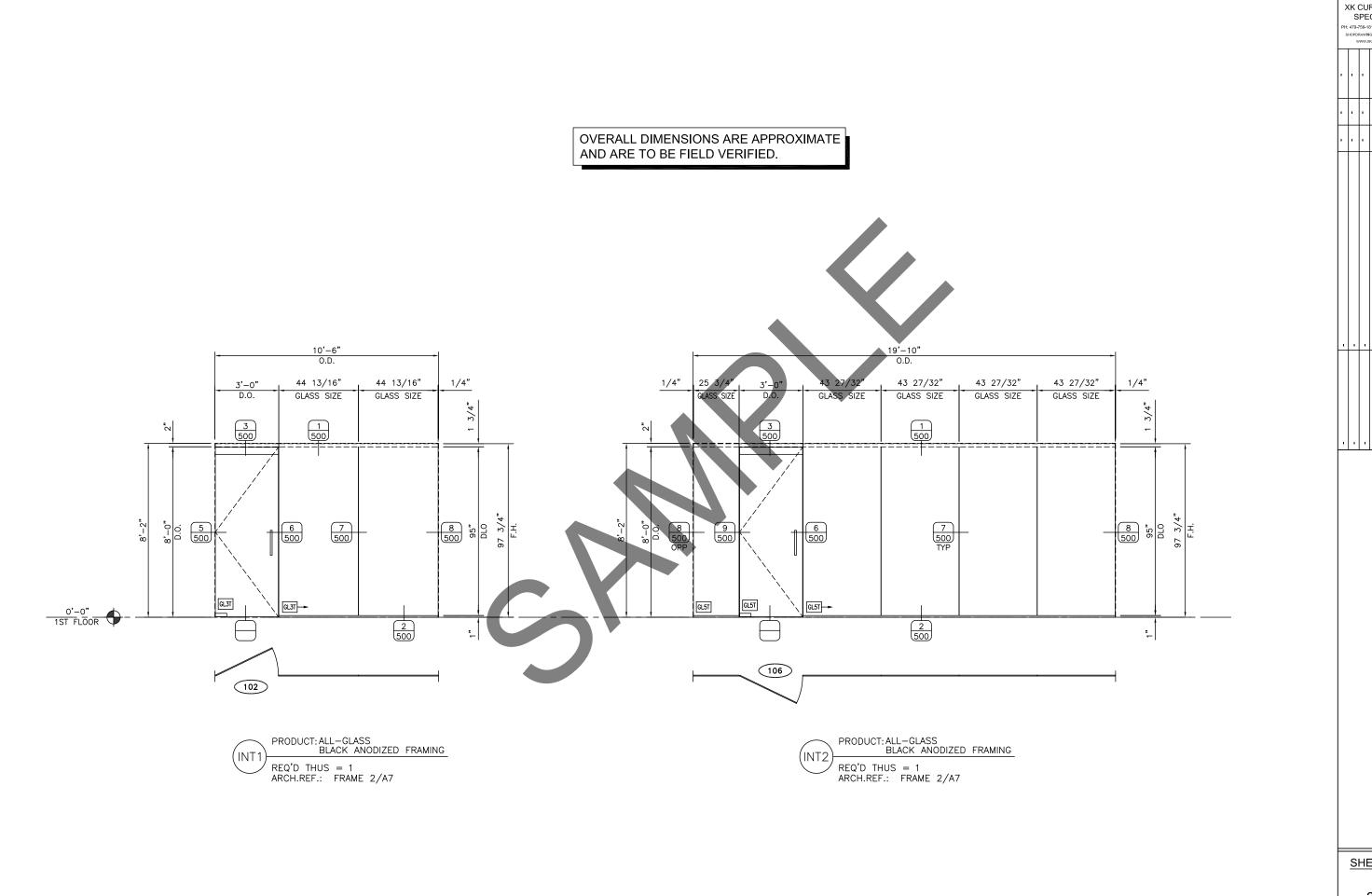




PH: 479-756-1814 FAX: 866-562-4621
SHOPDRAWINGS@XKCURTAINWALL.COM
WWW.XKCURTAINWALL.COM

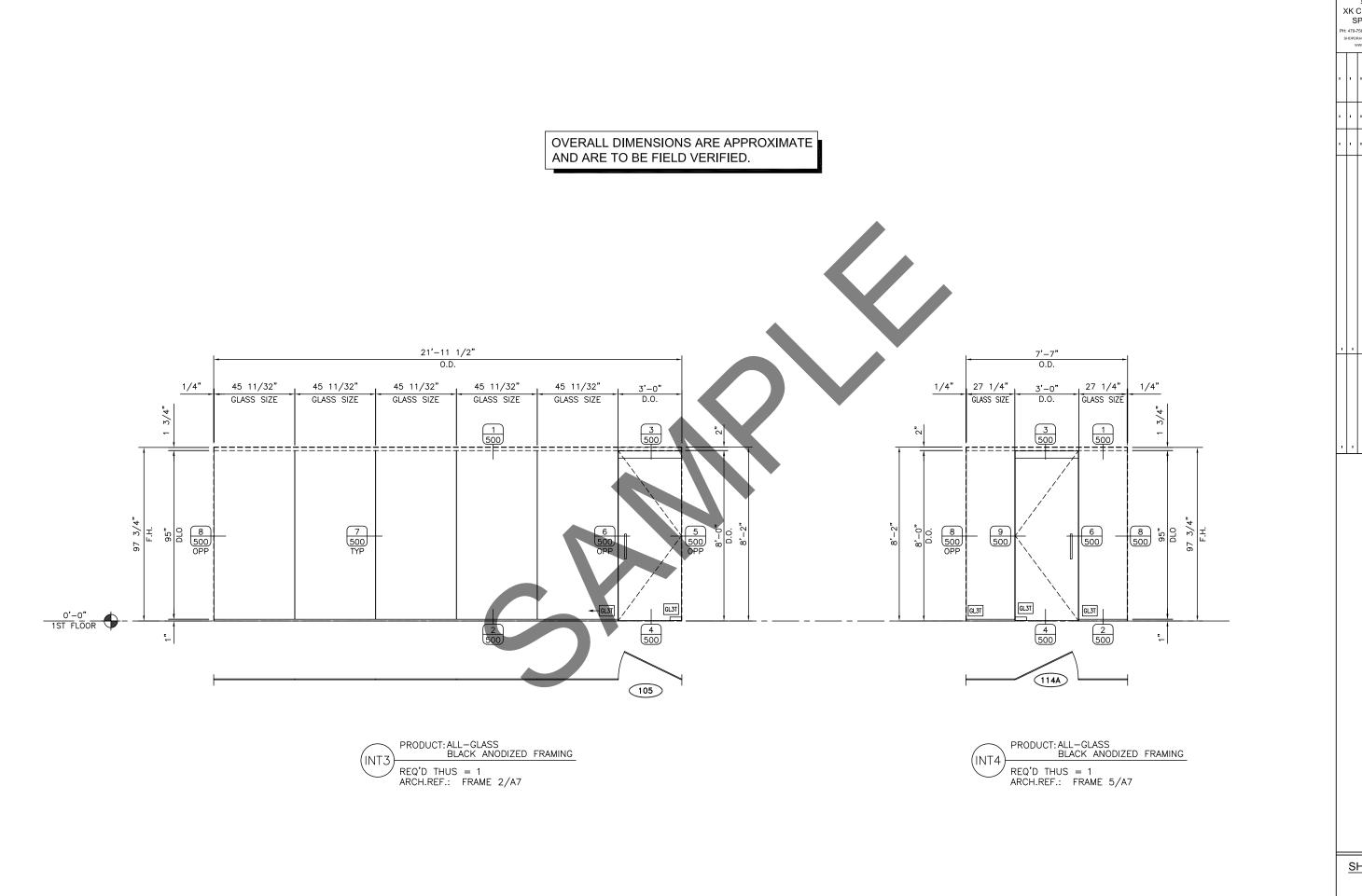
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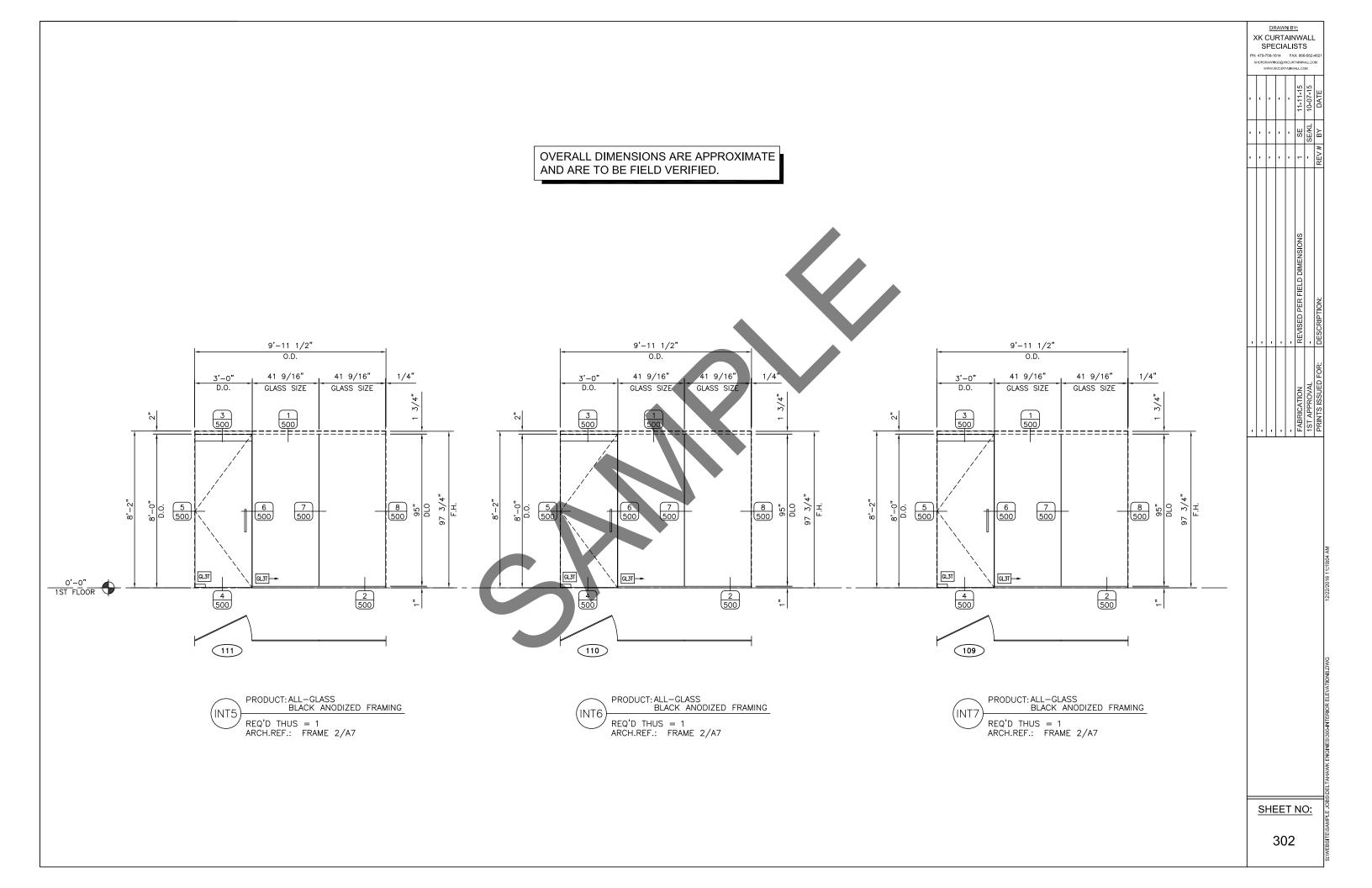
PH: 479-756-1814 FAX: 866-562-462 SHOPDRAWINGS@XKCURTAINWALL.COM WWW.XKCURTAINWALL.COM

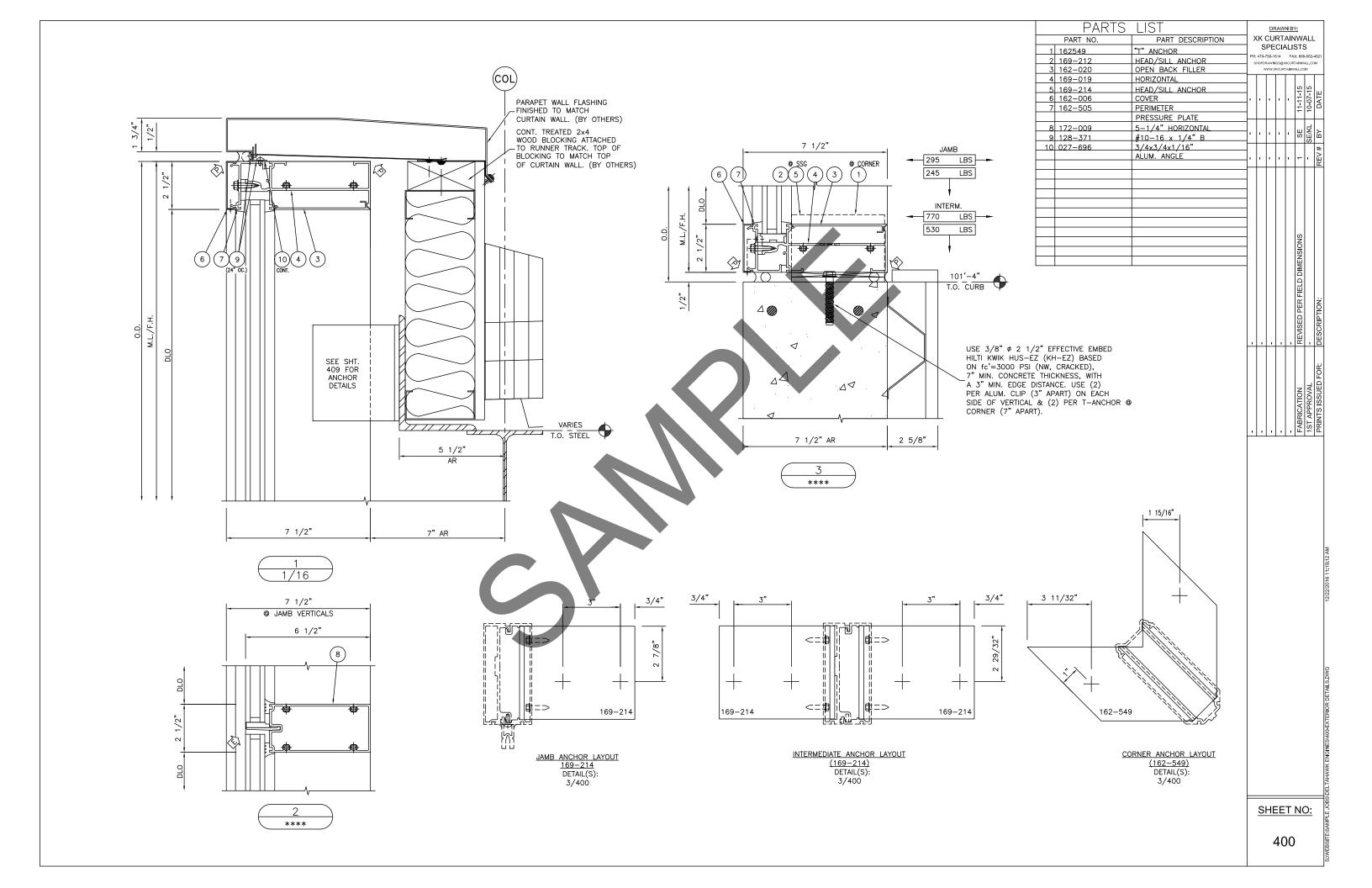
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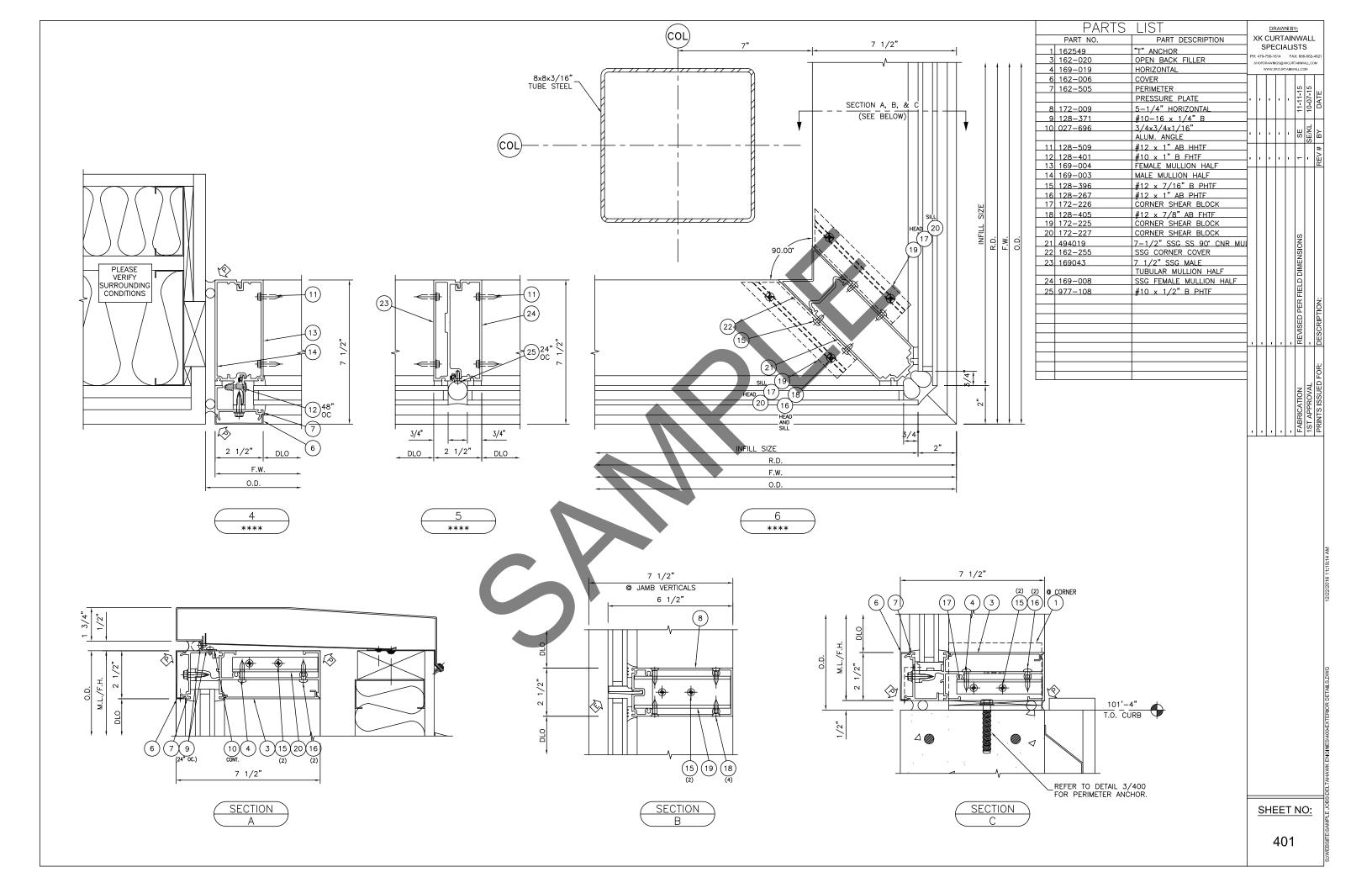


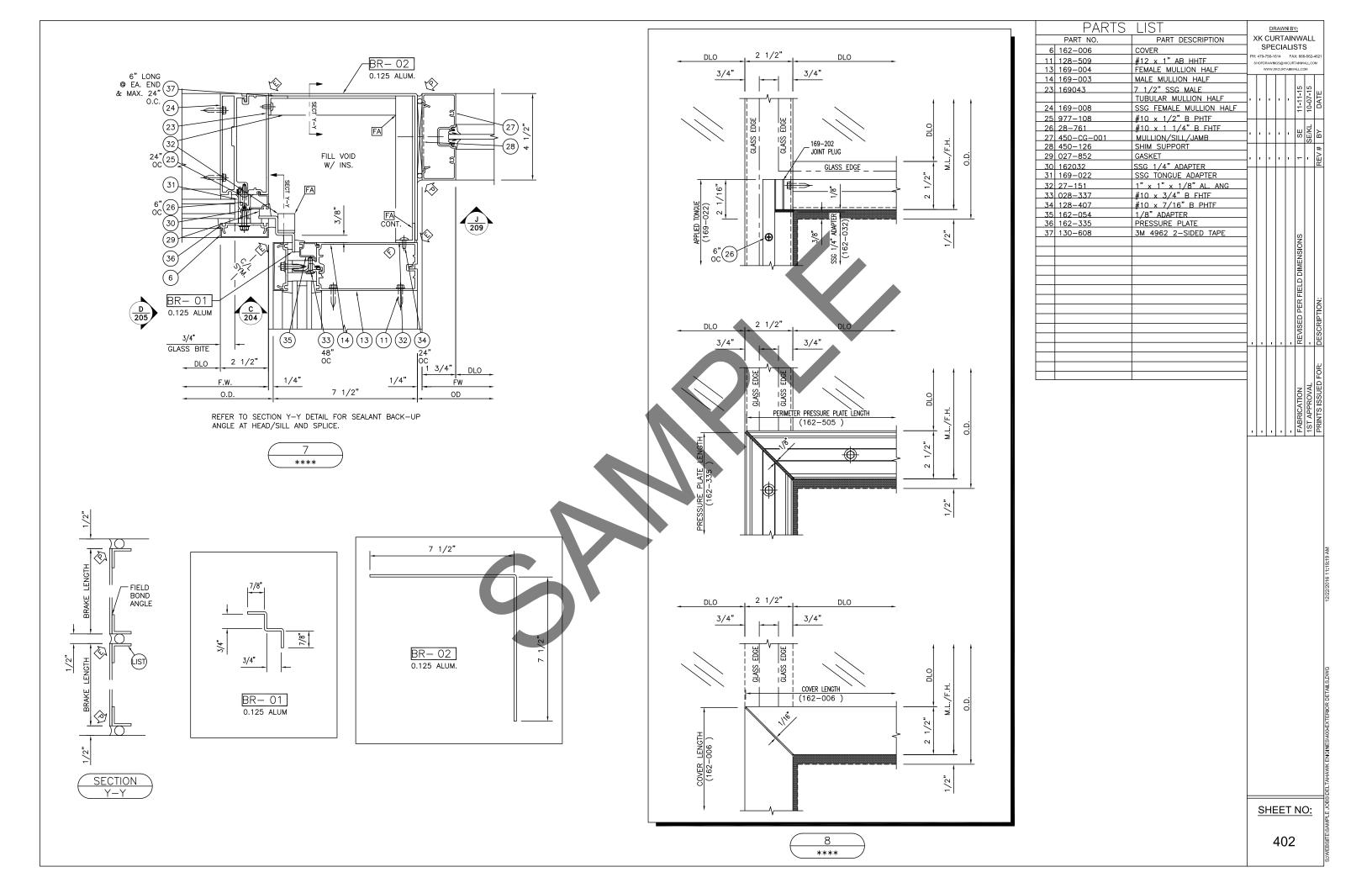
PH: 479-756-1814 FAX: 866-562-462 SHOPDRAWINGS@XKCURTAINWALL.COM WWW.XKCURTAINWALL.COM

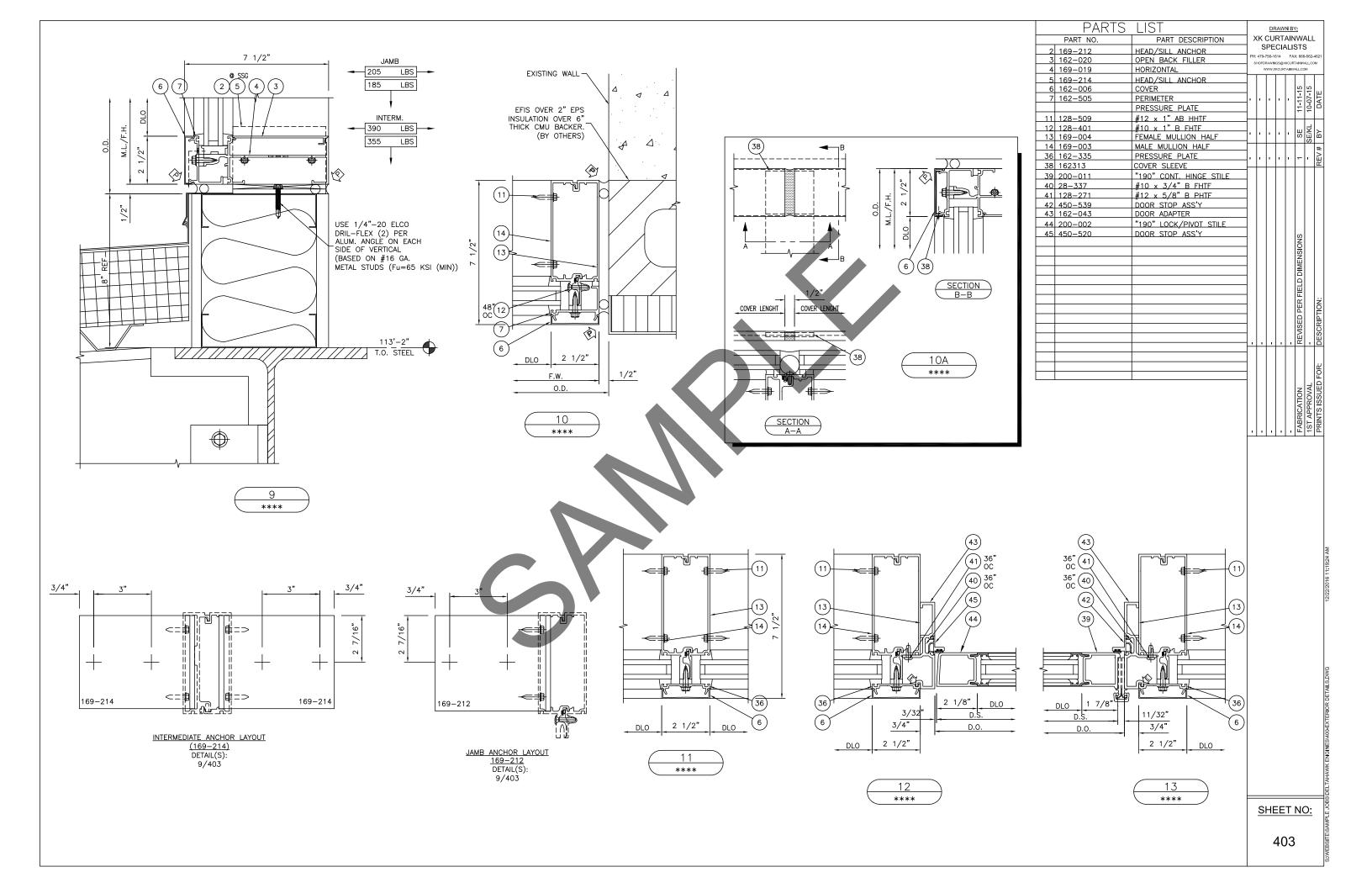
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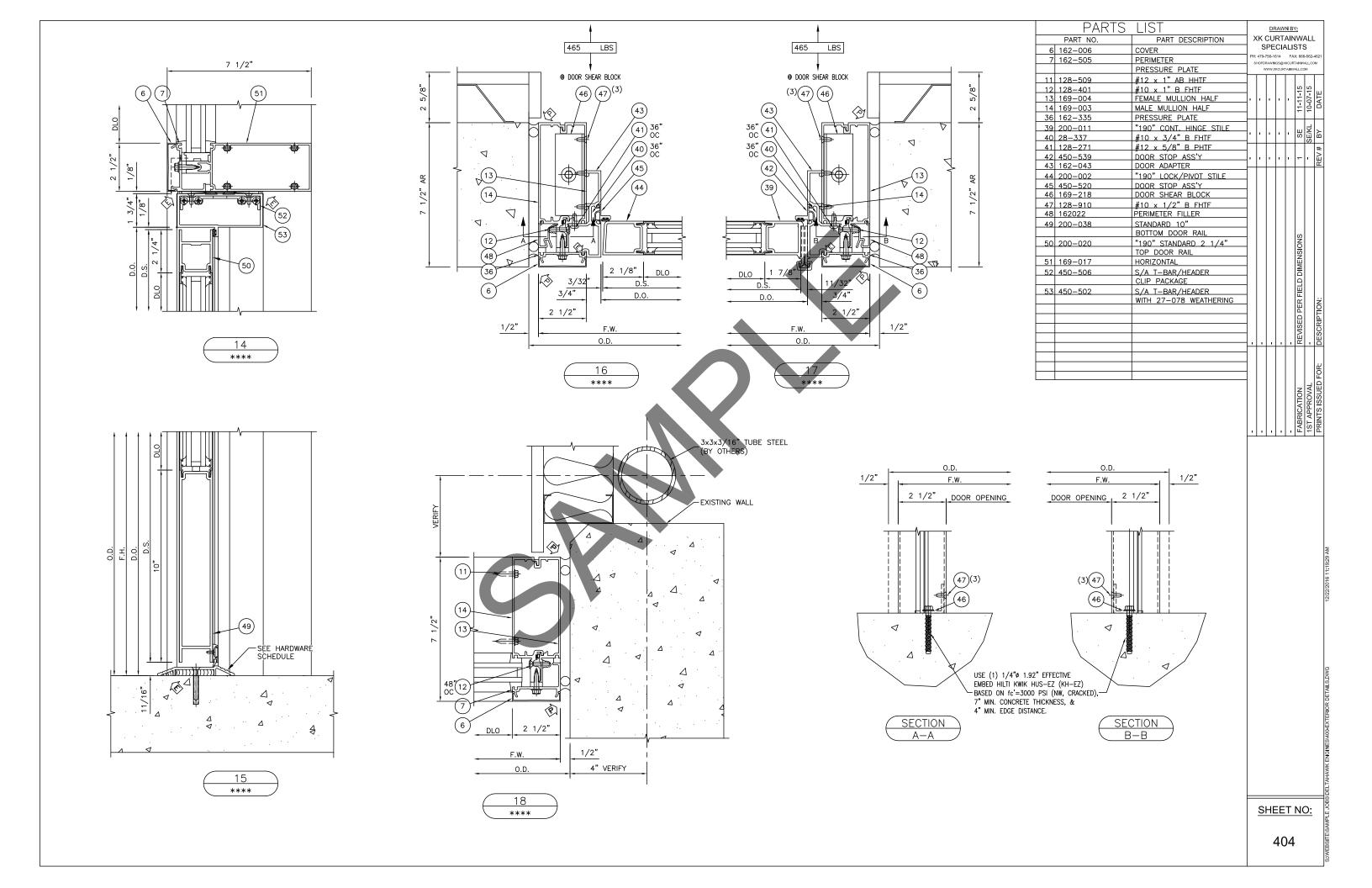


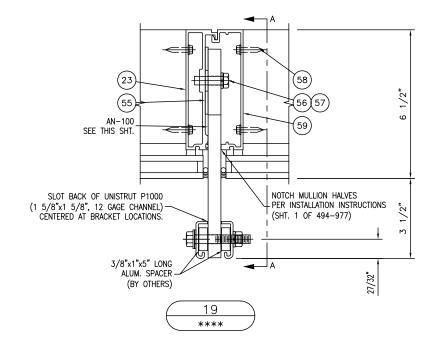


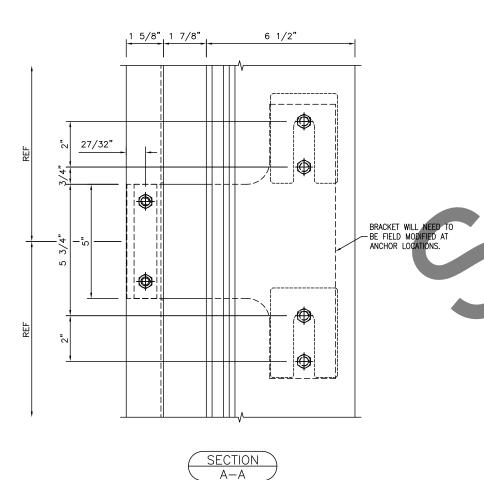


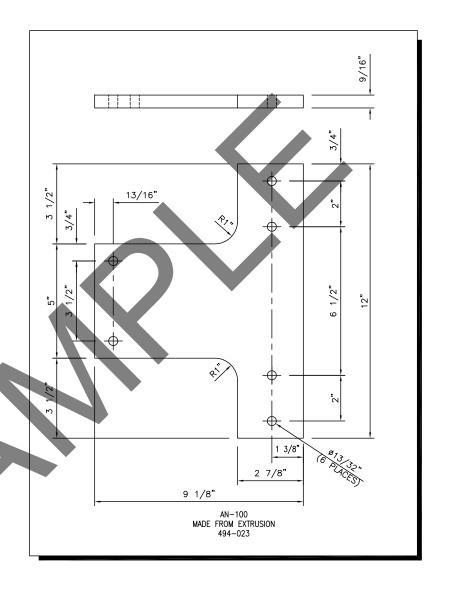












PART NO. PART DESCRIPTION XK CURTAINWALL SPECIALISTS .3 169043 7 1/2" SSG MALE MULLION PH: 479-756-1814 FAX: 686-582-4621 .4 494391 1600SS SSG MOUNTING PH: 479-756-1814 FAX: 686-582-4621 BRACKET WWW.XSCURTARMOUL.COM		PARTS	LIST			DI	RAM	/N B	Y:		
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