

GENERAL NOTES

- DO NOT ORDER GLASS OR GLAZING MATERIALS EXCEPT FROM THE FINAL ERECTION DRAWINGS UNLESS RECEIVING WRITTEN AUTHORIZATION FROM THE MANUFACTURING FACILITY.
- KAWNEER COMPANY WILL ASSUME NO RESPONSIBILITY FOR ERRORS RESULTING FROM THE USE OF THESE DRAWINGS BY OTHER TRADES.
- THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH KAWNEER COMPANY’S QUOTATION OR PER AN ACCEPTED PURCHASE ORDER AND OTHER APPLICABLE CONTRACT DOCUMENTS.
- FINAL APPROVAL BY THE CUSTOMER CONSTITUTES ACCEPTANCE OF ALL DEVIATIONS TO THE CONTRACT DOCUMENTS MADE BY KAWNEER IN THESE DRAWINGS.
- LAWS AND BUILDING AND SAFETY CODES GOVERNING THE DESIGN AND USE OF GLAZING ENTRANCE, WINDOW, AND CURTAIN WALL PRODUCTS VARY WIDELY. KAWNEER DOES NOT CONTROL THE SELECTION OF PRODUCT CONFIGURATIONS, OPERATING HARDWARE OR GLAZING MATERIALS AND ASSUMES NO RESPONSIBILITY THEREOF.
- THESE DRAWINGS REPRESENT KAWNEER’S INTERPRETATION OF THE APPLICATION OF KAWNEER PRODUCTS TO THIS PROJECT IN FUNCTIONAL COMPLIANCE WITH THE ARCHITECT’S DRAWINGS AND SPECIFICATIONS. IT IS IMPORTANT THAT THIS INTERPRETATION BE REVIEWED DIMENSIONALLY AND FUNCTIONALLY WITH RESPECT TO ACTUAL ARCHITECT INTENT, INTERFACING CONDITIONS AND MATERIALS, JOB TO SITE CONDITIONS.
- THESE DRAWINGS SHOULD BE USED IN CONJUNCTION WITH KAWNEER’S PUBLISHED INSTALLATION INSTRUCTIONS.
- ALL BLOCKING, SHIMMING, AND PERIMETER CAULKING IS NOT BY KAWNEER, UNLESS OTHERWISE NOTED.
- ALL ITEMS MARKED THUS, "N.B.K." ARE NOT BY KAWNEER, NOT IN KAWNEER’S CONTRACT, AND ARE SHOWN FOR INFORMATION ONLY.
- ALL GLASS AND GLAZING IS NOT BY KAWNEER. GLASS TO HAVE THICKNESS AS NOTED ON THE ELEVATIONS & GLAZING DETAILS.
- REQUEST FOR REVISION AFTER KAWNEER COMPANY HAS BEEN AUTHORIZED TO FABRICATE WILL BE SUBJECT TO A HANDLING CHARGE PLUS THE COST OF ANY FABRICATED MATERIALS.
- A BITUMINOUS PAINT/ZINC CHROMATE OR AN EQUAL SEPARATION MATERIAL IS REQUIRED WHEN ALUMINUM COMES IN CONTACT WITH STEEL OR OTHER DISSIMILAR MATERIALS.
- ALL ITEMS LABELED "STRUCTURAL BLOCKING", OR "STRUCTURAL WOOD BLOCKING" ARE NOT BY KAWNEER AND MUST BE SECURED IN SUCH A MANNER AS TO RESIST BENDING OF THE PERIMETER FASTENERS.

SEALANT NOTES

- KAWNEER DOES NOT CONTROL THE SELECTION OF SEALANTS OR CAULKING, AND ASSUMES NO RESPONSIBILITY THEREOF. IT IS THE RESPONSIBILITY OF THE ARCHITECT, THE INSTALLER AND THE SEALANT MANUFACTURER TO MAKE THESE SELECTIONS BASED ON THE CONDITIONS SHOWN ON THESE SHOP DRAWINGS.
- ALL SEALANTS AND CAULKING SHOWN ON THESE SHOP DRAWINGS ARE NOT BY KAWNEER, UNLESS OTHERWISE NOTED ON THESE SHOP DRAWINGS OR THE INSTALLATION INSTRUCTIONS.
- ALL RECOMMENDED HEEL BEADS, TOE BEADS AND CAP BEADS SHOWN IN THESE SHOP DRAWINGS SHOULD BE APPLIED AND TOOLED WATERTIGHT PER THE SEALANT OR CAULKING MANUFACTURER’S RECOMMENDATIONS AS TO SIZE AND COMPATIBILITY WITH ADJACENT MATERIALS.
- ALL GASKETS ARE TO BE THOROUGHLY SEALED AND MADE WATERTIGHT AT BUTT JOINTS AND INTERSECTIONS USING A SKINNING NON–HARDENING SEALANT AS RECOMMENDED BY THE SEALANT MANUFACTURER.
- ALL METAL TO METAL BUTT JOINTS, OVERLAPS AND INTERSECTIONS ARE TO BE SEALED WATERTIGHT.
- ALL PERIMETER CAULKING IS TO BE APPLIED AND TOOLED PER THE SEALANT MANUFACTURER’S RECOMMENDATIONS.
- SPECIAL SEALANT INSTRUCTIONS: _____

NOTE TO ARCHITECT, GENERAL CONTRACTOR & KAWNEER CUSTOMER

PLEASE VERIFY ALL OPENING, REFERENCE, & ANCHOR LOCATION DIMENSIONS. ALSO PLEASE VERIFY STRUCTURAL INTEGRITY OF ALL SURROUNDING CONDITIONS. KAWNEER WILL ASSUME THE DRAWINGS ARE CORRECT AS DRAWN IF THE ABOVE NOTES & SIMILAR NOTES THROUGHOUT THE JOB ARE NOT ADDRESSED ON RETURNED MARKED–UP DRAWINGS.

CORRECTIVE WORK POLICY
BEFORE YOU BEGIN ANY CORRECTIVE WORK, YOU MUST CONTACT YOUR SALES REPRESENTATIVE. GIVE THE REPRESENTATIVE THE DETAILS OF THE PROBLEM ALONG WITH YOUR RECOMMENDATIONS ON THE CORRECTIVE REQUIREMENTS. YOUR RECOMMENDATIONS SHOULD ALSO INCLUDE AN ESTIMATE OF THE COST. ONCE THIS INFORMATION HAS BEEN RECEIVED, ALTERNATIVE COURSES OF ACTION WILL BE REVIEWED WITH OTHER INTERNAL PERSONNEL AND PROVIDE YOU WITH AUTHORIZATION IF YOU ARE TO PERFORM THE REWORK. THEN AND ONLY THEN CAN SUCH REWORK BE UNDERTAKEN.

CONFIDENTIAL AND PROPRIETARY INFORMATION OF KAWNEER CO., INC.

THESE DRAWINGS ARE THE SOLE AND EXCLUSIVE PROPERTY OF KAWNEER AND CONTAIN SENSITIVE, PRIVILEGED OR CONFIDENTIAL INFORMATION WHICH MAY BE USED ONLY FOR ITS BENEFIT. THE DISCLOSURE OF THESE DRAWINGS TO UNAUTHORIZED PERSONS IS STRICTLY PROHIBITED. THIS DOCUMENT AND ALL COPIES MUST BE RETURNED UPON DEMAND.

SILICONE GLAZING NOTE

THE INSTALLER IS RESPONSIBLE FOR SELECTING AND CONTACTING THE SILICONE MANUFACTURER TO DETERMINE WHICH TYPE OF SILICONE IS TO BE USED AND WHAT SAMPLES ARE REQUIRED TO BE SUBMITTED FOR ADHESION AND COMPATIBILITY TESTING. THE SILICONE SEALANT SHALL NOT BE APPLIED TO KAWNEER PRODUCTS WITHOUT APPROVAL OF THE SILICONE MANUFACTURER AND UNTIL ALL REQUIRED TESTING IS COMPLETED AND DETAILED APPLICATION INSTRUCTIONS HAVE BEEN DELIVERED BY THE SILICONE MANUFACTURER TO THE INSTALLER. IF YOU FIND THE SILICONE MANUFACTURER’S INSTALLATION INSTRUCTIONS ARE NOT IN ACCORDANCE WITH KAWNEER’S INSTALLATION INSTRUCTIONS, IT IS YOUR RESPONSIBILITY TO NOTIFY KAWNEER OF THIS CONFLICT PRIOR TO GLAZING. YOUR GLASS SUPPLIER MUST BE MADE AWARE THAT THEIR GLASS WILL BE USED IN A SSG APPLICATION. THE APPLICATION MUST BE APPROVED BY THE GLASS SUPPLIER PRIOR TO GLAZING. FOR ANY STRUCTURAL SILICONE GLAZED PRODUCT APPLICATION THAT IS NOT SHOWN IN KAWNEER’S STANDARD PRODUCT LITERATURE, THE APPLICATION MUST BE PRE–APPROVED BY KAWNEER.

S.O.	PRODUCTS	INSTALLATION INSTRUCTIONS
2404676	TRIFAB 451T VG	451–VG–971
2404677	500 HW DOORS	BOOKLET
2404678	1010 SLIDERS	912–003

SYSTEM DESCRIPTION

TRIFAB 451T VG WILL BE SHIPPED IN STOCK LENGTHS FOR FIELD FABRICATION. SIGHTLINE WILL BE 2” WITH AN OVERALL DEPTH OF 4 1/2”. SYSTEM IS DESIGNED FOR 1” INFILL BY OTHERS. MATERIAL PROVIDED FOR GLASS TO BE SET TO THE FRONT, WITH SILL FLASHING. FRAME CONSTRUCTION WILL BE SHEAR BLOCK. HEAD AND JAMB RECEPTORS ARE USED WITH FRAMING.

500 HEAVY WALL DOORS WILL HAVE A BOTTOM RAIL TO BE 10 1/4”. DOOR IS DESIGNED FOR 1” INFILL BY OTHERS. HARDWARE WILL BE BY OTHERS.

1010 SLIDER WILL BE A XXXP CONFIGURATION. THE SLIDER WILL HAVE STANDARD CASTERS AND A MS 1850 LOCK.

DESIGN CRITERIA

DESIGN LOADS DETERMINED PER:

MEAN BUILD’G HT. (FT.):
EXPOSURE CATEGORY:
WINDSPEED (MPH):
IMPORTANCE FACTOR:
BUILDING CATEGORY:
INTERNAL PRESS. COEFF.:
TOPOGRAPHIC FACTOR:

☐ WIND PRESSURES:
☐ WINDLOAD: _____ PSF (POSITIVE)
☐ WINDLOAD: _____ PSF (NEGATIVE)
☐ WINDLOAD: _____ PSF (NEGATIVE AT CNR.)
☐ DEFLECTION: _____
CORNER_ZONE = 8.5’

SYSTEM MUST MEET SMALL MISSILE IMPACT: ☐ N (Y OR N)
SYSTEM MUST MEET LARGE MISSILE IMPACT: ☐ N (Y OR N)

THIS IS A LEED PROJECT: ☐ N (Y OR N)

DESIGN CRITERIA

(INTERIOR WALLS)

DESIGN LOADS DETERMINED PER:

ASCE 7–05

HORIZONTAL LOAD: 5 _____ PSF

DESIGN CRITERIA

(SEISMIC)

DESIGN LOADS DETERMINED PER:

ASCE 7–05

(GIVEN ON SHT S002)

SITE CLASS: ☐ D Fp = 3.11 PSF MULLION/ANCHORS
SPECTRAL RESPONSE ACCELERATION: ☐ 0.81 W/ 3.125 FASTENER FACTOR.

ARCHITECT/G.C.:
PLEASE PROVIDE LATERAL INELASTIC
SEISMIC DRIFT OF BUILDING.

KING COUNTY LIBRARY SYSTEM

Kenmore Library

6531 NE 181ST STREET

KENMORE, WA

FIRST
APPROVAL
DELIVERY CONTINGENT
UPON DATED RETURN
OF THIS DRAWING

DRAWING INDEX

SHTS. 001–004 = LEAD SHEET, ACCESSORIES,
GLAZING DETAILS, DOOR HDWE.

SHTS. 100 = KEY PLANS
SHTS. 200–203 = TRIFAB 451T ELEVATIONS
SHTS. 300 = 1010 SLIDER ELEVATIONS
SHTS. 400–406 = TRIFAB 451T DETAILS
SHTS. 500 = 1010 SLIDER DETAILS

FINISH

- ☐ #17 CLEAR (AA–M12 C22 A31)
☐ #40 DARK BRONZE (AA–M12 C22 A42 OR A44)
☐ #29 BLACK (AA–M12 C22 A42 OR A44)
☒ OTHER
2 COAT KYNAR PAINT (PLEASE VERIFY FINISH)

GLAZING SCHEDULE

1” VISION INFILL
[GL1] = _____
_____ = _____
_____ = _____
_____ = _____

SPECIAL GLASS SIZE NOTE: REFER TO GLAZING DETAILS AND OTHER DETAILS FOR INFILL FORMULAS AND OTHER PERTINENT INFORMATION.

DRAWN FROM

ARCH. SHEETS: A101, A200, A201, A202, A203, A400, A401, A700, A702, A703, A704, A705, A706, A707, A713, A800, A802, A804, A806, A900

STRUCT. SHEETS: S002, S003, S101, S201, S202, S302, S332, S401, S402, S403

SPEC. SECTIONS: 084329, 084800, 087100, 08800

ADDENDUMS: ASI–14 (A101–DATED 7–19–10)
CONSTRUCTION SET (A900–DATED 12/15/09)

REVISIONS

NO.	DESCRIPTION	BY	DATE

PRINTS ISSUED FOR

NO.	SUBMISSION	DATE
	1ST APPROVAL	7–30–10

CUSTOMER APPROVAL

☐ APPROVED ☐ RESUBMIT

CUSTOMER _____
BY _____ TITLE _____



AN ALCOA COMPANY
P. O. BOX 709/600 KAWNEER DRIVE
SPRINGDALE, ARK. 72764
PHONE (479) 756–2740

DRAWN BY: KABE LYONS	CHECKED BY: JIM WILLIAMS
APPLICATION DESIGNER: BARRY KING	PROJECT MANAGER: DENNIS APON

PROJECT NAME: KENMORE LIBRARY

QUOTE # 10–505758–002 P.O. # KML–002

LOCATION: KENMORE, WA

ARCHITECT: WEINSTEIN A/U

CUSTOMER: CENTENNIAL GLASS CO. SHT. # 001

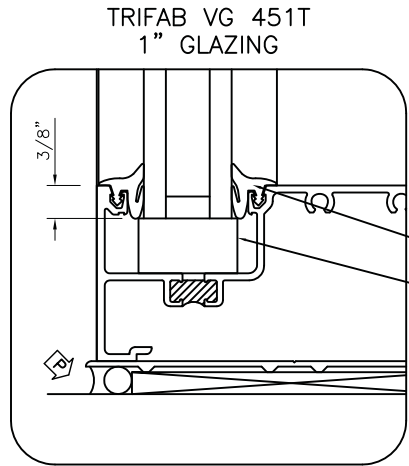
JOB PROFILE NO.: 505758–002 DRAFTING # 2404675 TOTAL 18

JOB NAME: Kenmore Library

PROFILE #: 505758-002

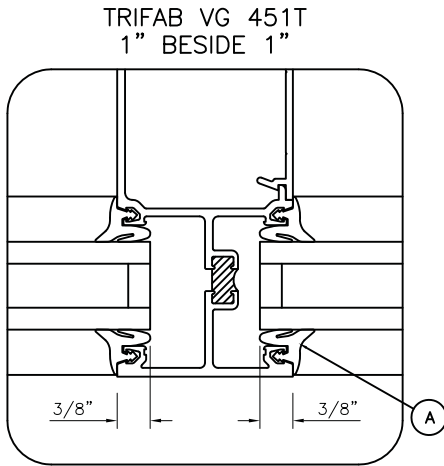
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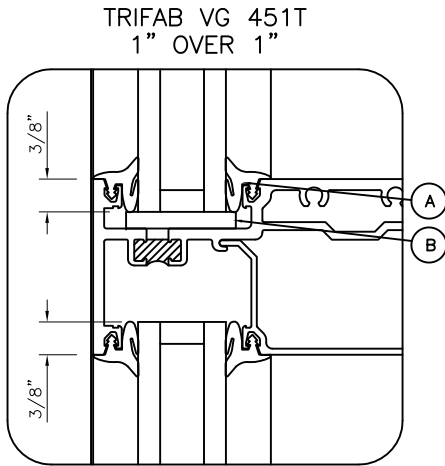
INFILL SIZE FORMULA
DLO + 3/4" UNLESS
OTHERWISE NOTED

- A 27-074 STD. PUSH ON GASKET
(SHORE "A" 70±5 DUROMETER EPDM)
B 27-073 SETTING BLOCK
(SHORE "A" 85±5 DUROMETER EPDM BLACK)



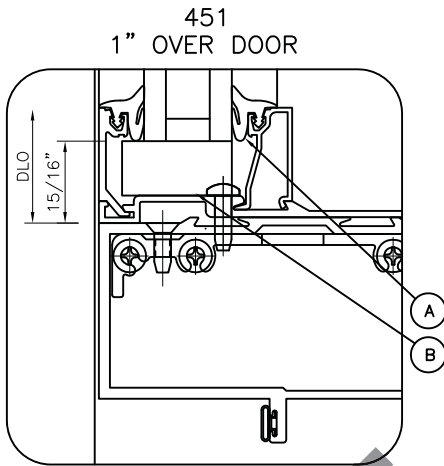
INFILL SIZE FORMULA
DLO + 3/4" UNLESS
OTHERWISE NOTED

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



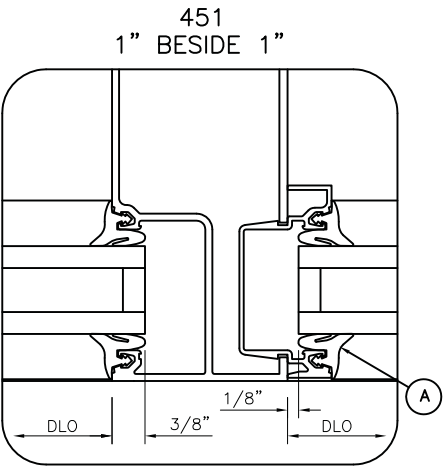
INFILL SIZE FORMULA
DLO + 3/4" UNLESS
OTHERWISE NOTED

- A 27-074 STD. PUSH ON GASKET
(SHORE "A" 70±5 DUROMETER EPDM)
B 27-081 SETTING BLOCK
(SHORE "A" 85±5 DUROMETER EPDM BLACK)



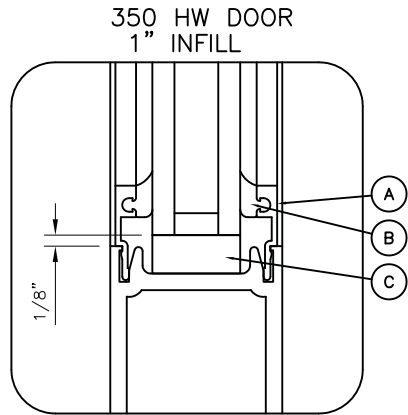
INFILL SIZE FORMULA
FOR THIS DETAIL
DLO - 9/16"

- A 27-074 STD. PUSH ON GASKET
(SHORE "A" 70±5 DUROMETER EPDM)
B 27-073 SETTING BLOCK
(SHORE "A" 85±5 DUROMETER EPDM BLACK)



INFILL SIZE FORMULA
DLO - 1/4" IN
TRANSOM AREA

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



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

- A 118-014 GLASS STOP
B 27-563 WEATHERING
(BLACK EPDM 70±5 DUROMETER SHORE "A")
C 27-300 SETTING BLOCK (EPT 85±5 DUROMETER)

WALL ACCESSORIES

	BY KAWNEER	NOT BY KAWNEER	SHIP IN STOCK LENGTHS	SHOP CUT TO SIZE	SHOP PRE- DRILL	FIELD DRILL	COMMENTS
PERIMETER							
PERIMETER FASTENERS							
STEEL ANCHORS							
STEEL REINFORCING							
STOOLS							
SILLS							
HEAD COPING							
ALUM. BRAKE MATERIAL							
DOORS							
DOOR ADAPTORS							
P.E. STAMP							
F & T ANCHORS							
VULCANIZED GASKETS							
SILICONE SETTING BLOCKS							
OTHER							

STANDARD INFILL FORMULAS

<input type="checkbox"/> 1600 SYSTEM 1 (DLO + 1")	<input type="checkbox"/> 5200 WINDOWS (DLO + 1")
<input type="checkbox"/> 1600 SYSTEM 2 (SEE GLAZING DETAILS)	<input type="checkbox"/> 6200T WINDOWS (DLO + 1")
<input type="checkbox"/> 1600 SYSTEM 3 (DLO + 1")	<input type="checkbox"/> 7225 WINDOWS (DLO + 1")
<input type="checkbox"/> 1600 SYSTEM 4 (DLO + 7/8")	<input type="checkbox"/> 8225TL WINDOWS (DLO + 1")
<input type="checkbox"/> 1600 SYSTEM 5 (DLO + 7/8")	<input type="checkbox"/> 8225TLF WINDOWS (DLO + 1")
<input type="checkbox"/> 1600 LR (DLO + 1")	<input type="checkbox"/> 8325TL WINDOWS (DLO + 1")
<input type="checkbox"/> 1600 SCREW SPLINE (DLO + 1")	<input type="checkbox"/> 8400TL WINDOWS (DLO + 1")
<input type="checkbox"/> 1600 GLASSVENT (SEE GLAZING DETAILS)	<input type="checkbox"/> EQUILINE WINDOWS (DLO + 1")
<input type="checkbox"/> 1600 SLOPE GLAZE (DLO + 1 1/8")	<input type="checkbox"/> ENCORE (DLO + 3/4")
<input type="checkbox"/> 1600 SLOPE GLAZE SSG (SEE GLAZING DETAILS)	<input type="checkbox"/> FG 623 (DLO + 7/8")
<input type="checkbox"/> 2250 LR (DLO + 1")	<input type="checkbox"/> IR 500 (DLO + 1 1/4")
<input type="checkbox"/> 2250 IG (DLO + 7/8")	<input type="checkbox"/> PG 123 (DLO + 1 3/4" HORIZONTALLY)
<input type="checkbox"/> 2500 LR (DLO + 1")	<input type="checkbox"/> (DLO + 1" VERTICALLY)
<input type="checkbox"/> 2500 PG (SEE GLAZING DETAILS)	<input type="checkbox"/> TRI-FAB 400 (DLO + 3/4")
<input type="checkbox"/> 2800 TRUSSWALL (DLO + 1")	<input type="checkbox"/> TRI-FAB VG 450 (DLO + 3/4")
<input type="checkbox"/> 3200 DESIGN WALL (DLO + 2 3/4" HORIZONTALLY)	<input type="checkbox"/> TRI-FAB VG 451 (DLO + 3/4")
<input type="checkbox"/> (3 1/4" MULLION) (DLO + 1" VERTICALLY)	<input checked="" type="checkbox"/> TRI-FAB VG 451T (DLO + 3/4")
<input type="checkbox"/> 3225 DESIGN WALL (DLO + 2" HORIZONTALLY)	<input type="checkbox"/> STANDARD DOORS (DLO - 3/8")
<input type="checkbox"/> (2 1/2" MULLION) (DLO + 1" VERTICALLY)	<input checked="" type="checkbox"/> OTHER: 500 HW DOORS (SEE GLAZING DETAILS)
<input type="checkbox"/> 6000 IB (DLO + 1")	<input type="checkbox"/> OTHER:

** SPECIAL INFILL NOTE ** SEE GLAZING OR OTHER DETAILS FOR ANY INFILL FORMULA OTHER THAN TYPICAL, SHOWN ABOVE PER PRODUCT.

ERECTION ABBREVIATIONS

A - ADAPTOR
AA - ANGLE
AB - ANCHOR BACKUP
AF - ASSEMBLED FRAME
AL - ANCHOR LUG
ALB - ALUMINUM BAR
ALT - ALUMINUM TUBE
AM - APPLIED MUNTIN
AMI - INTR. APPLIED MUNTIN
AN - ANCHOR
AP - ACCESS PANEL
AR - ANCHOR RAIL
AS - AIR SEAL
AW - ALUMINUM WASHER
B - BEAD
BA - BACK PAN ADAPTER
BAL - BALANCE
BE - S.G. BAFFLE
BF - BEAD FRONT
BH - BOTTOM RAIL
BL - BLINDS
BP - BACK PAN
BPP - BI-PART PULL HANDLE
BR - BRAKE
C - COVER
CA - CAP
CC - CORNER COVER
CF - CAN FILLER
CH - CHANNEL
CL - CLIP
CM - COUPLING MULLION
CP - COPING
CR - CONNECTING ROD
CRP - COMPRESSION RING PKG.
DA - DOOR ADAPTER
DE - DRIP EDGE
DIR - DROP IN RAIL
DR - BLIND D-ROD
DS - DOOR STOP
EC - CAP
F - FRAME MEMBER
FA - F ANCHOR
FI - FILLER
FJ - FIXED JAMB
FJS - FRAME JAMB STOP
FL - FLASHING
FP - FACE PANEL
FS - FASCIA
G - GUTTER
GB - GLAZING BEAD
GK - GASKET
GP - GUSSET PLATE
GR - GLASS RETAINER
GS - GLASS STOP
H - HORIZONTAL
HA - HIP ADAPTER
HB - HORIZ. GLASS BEAD
HC - HORIZ. COVER
HD - HEAD
HDR - HEAD RECEPTOR
HF - HIP FLASHING
HG - HINGE
HGS - HORIZ. GLASS STOP

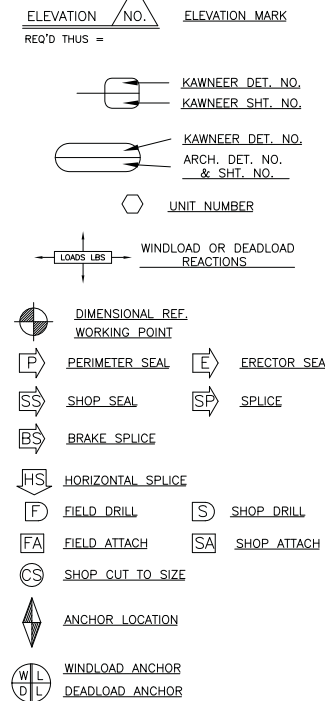
HHR - HEAVY HEAD RECEPTOR
HIP - HIP
HK - HEAD TRACK
HN - HEAD CAN
HP - HORIZ. PRESSURE PLATE
HPP - HIP PRESSURE PLATE
HR - HAND RAIL
HRC - HAND RAIL COVER
HRS - HEAD RECEPTOR STOP
HT - HORIZ. TRIM
HTC - HEAD TRACK CAP
HTF - HEAD TRACK FILLER
HTR - HEAD TRACK RECEPTOR
HTS - HEAD TRACK STOP
I - INSERT
IB - INTERIOR BASE
IC - INTERIOR COVER
IH - INTERIOR HORIZONTAL
IM - INTERIOR MULLION
IS - INTERLOCK STILE
IT - INTERIOR TRIM
J - JAMB
JA - JAMB ADAPTER
JC - JAMB CHANNEL
JO - JOINT PLUG
JP - JAMB PRESS. PLATE
JR - JACK RAFTER
JRC - JACK RAFTER COVER
JRP - JACK RAFTER P. PLATE
JRS - JACK RAFTER SHEAR BLK.
LA - LATCH STILE
LI - LIGHTSHELF
LJ - LOCK JAMB
LS - LOCK STILE
LST - LEFT STILE
LV - LOUVER
M - MULLION
MB - SCREEN MUNTIN BAR
MC - CORNER MULLION
MI - MULLION INTERLOCK
ML - LEFT HAND MULLION
MP - INTERMEDIATE PURLIN
MR - RIGHT HAND MULLION
OR - OUTRIGGER
P - PURLIN
PB - PURLIN PRESS. PLATE
PC - PEAK COVER
PF - POCKET FILLER
PH - PIANO HINGE
PL - PLATE
PM - PERIMETER MUNTIN
PN - PANEL
PNH - PANNING HEAD
PNL - PANNING LEFT JAMB
PNR - PANNING RIGHT JAMB
PNS - PANNING SILL
PP - PRESSURE PLATE
PR - PERIMETER
PSH - PAINTED SCREEN HINGE
PT - SG PURLIN TRIM
R - VENT RAIL
RA - RAFTER
RAA - RAFTER ADAPTER

RAS - RIDGE AIRSEAL
RB - RECEPTOR BASE
RC - RAFTER COVER
RE - REINFORCEMENT
RF - RIDGE FLASHING
RGA - REVERSE GLAZING ADAPT.
RL - RAIL
RM - RAMP
RP - RAFTER PRESS. PLATE
RPA - REVERSE PROJ. ADAPTER
RR - RIDGE RAFTER
RRC - RIDGE RAFTER COVER
RRP - RIDGE RAFTER P. PLATE
RS - RECEPTOR STOP
RST - RIGHT STILE
S - SILL
SA - SILL ADAPTER
SB - SECONDARY BEAD
SC - SCREENS
SCB - SCREEN BOTTOM
SCH - SILL CHAIR
SCL - SCREEN LEFT
SCR - SCREEN RIGHT
SCT - SCREEN TOP
SF - SILL FLASHING
SH - SHEAR BLOCK
SK - SILL TRACK
SL - SLEEVE
SN - SILL CAN
SO - STOOL
SP - SPLICE
SR - SECONDARY RAIL
SS - SASH STOP
SSH - SUNSHADE
SST - STAINLESS STEEL TRACK
ST - STEEL
STC - SILL TRACK CAP
STF - SILL TRACK FILLER
STR - SILL TRACK RECEPTOR
STS - SILL TRACK STOP
SW - STEEL WASHER
T - TRANSOM
TA - T ANCHOR
TB - TRIM BASE
TC - TRIM COVER
TG - TONGUE ADAPTER
TH - TOP RAIL
TM - TRUE MUNTIN
TR - TRIM MEMBER
TS - TOP HINGE SEPERATOR
UN - WINDOW UNIT
V - VERTICAL
VC - VERTICAL COVER
VGS - VERTICAL GLASS STOP
VJS - VERTICAL JAMB STOP
VP - VERTICAL PRESS. PLATE
WB - WICKET BOTTOM
WL - WICKET LEFT
WR - WICKET RIGHT
WT - WICKET TOP
Z - CUSTOM FASTENER

SHOP DRAWING ABBREVIATIONS

A.R. = ARCH. REFERENCE
C/L = CENTER LINE
DLO = DAY LIGHT OPENING
D.O = DOOR OPENING
D.S. = DOOR SIZE
F.H. = FRAME HEIGHT
F.W. = FRAME WIDTH
I.S. = INFILL SIZE
M.H. = MULLION HEIGHT
NBK = NOT BY KAWNEER
O.C. = ON CENTER
O.D. = OPENING/OVERALL DIMENSION
R.D. = REFERENCE DIMENSION
R.L. = RAFTER LENGTH
R.O. = ROUGH OPENING
S/L = STOCK LENGTH
W.D. = WINDOW DIMENSION
W.P. = WORKING POINT

LEGEND



DRAWN BY:
XK CURTAINWALL

KAWNEER USE ONLY

DATE
BY
KAL 07/30/10

DESCRIPTION
SEE DATED SUMMARY SHEET

REV.#
1ST APPROVAL
PRINTS ISSUED FOR

CONFIDENTIAL AND PROPRIETARY
INFORMATION OF KAWNEER CO., INC.
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DEMAND.
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KAWNEER
STANDARD WALL AND WINDOW
KAWNEER COMPANY, INC.
SPRINGDALE, AR.

DRAWING:
2404675
ORDER:
10-505758
SHT: 003

Plotted: Dct 08, 2010 - 10:15am
KENMORE LIBRARY

<div>ACTIVE</div> <div>PAIR OUTSWING</div>										HOWE BY	DOOR#:	1				
										KAWNEER	ELEV:	B				
										DOOR TYPE:	500 HW	SIZE:	SEE ELEVATION	FIN. VERIFY	QTY: 1	ARCH. HOWE SET: HW6
REVISIONS	FIELD PREP & APPLY	KAWNEER PREP & APPLY	KAWNEER PREP & APPLY	KAWNEER PREP & APPLY	OTHERS	KAWNEER	QTY/OPNG	FIN.	HARDWARE DESCRIPTION							
								2	VERIFY	GEAR HINGE - CFM95HD1 (PEMKO)						
							1	US26D	EXIT DEVICE- EL3347A-EO (VON DUPRIN)							
							1	US26D	EXIT DEVICE- EL3347A-NL-OP (VON DUPRIN)							
							2	630	PULL- 1191-5J TYPE N (ROCKWOOD)							
							1	626	CYLINDER- 20-757-ICX (SCHLAGE)							
							1	ALUM	AUTOMATIC OPERATOR - 8500 DUAL SIMULTANEOUS (GYRO TECH)							
							2	NA	ACTUATOR SWITCH - 59-HSS							
							1	ALUM	THRESHOLD 171A FHSL25 (PEMKO)							
							2	NA	POWER TRANSFER - EPT 10 (VON DUPRIN)							
							1	NA	KEY SWITCH - 1310-2							
							1	626	MORTISE HOUSING - 20-059 (SCHLAGE)							
							1	626	CYLINDER - 20-740 (SCHLAGE)							
							1	NA	POWER SUPPLY - PS873-AO							
										DOOR#:	2					
										ELEV:	E					
										DOOR TYPE:	500 HW	SIZE:	SEE ELEVATION	FIN. VERIFY	QTY: 1	ARCH. HOWE SET: HW7
REVISIONS	FIELD PREP & APPLY	KAWNEER PREP & APPLY	KAWNEER PREP & APPLY	KAWNEER PREP & APPLY	OTHERS	KAWNEER	QTY/OPNG	FIN.	HARDWARE DESCRIPTION							
							1	VERIFY	GEAR HINGE - CFM95HD1 (PEMKO)							
							1	US26D	EXIT DEVICE- EL33A-NL-OP (VON DUPRIN)							
							1	630	PULL- 1191-5J TYPE N (ROCKWOOD)							
							1	626	CYLINDER- 20-757-ICX (SCHLAGE)							
							1	ALUM	AUTOMATIC OPERATOR - 8500 DUAL SIMULTANEOUS (GYRO TECH)							
							2	NA	ACTUATOR SWITCH - 59-HSS							
							1	ALUM	THRESHOLD 171A FHSL25 (PEMKO)							
							1	NA	POWER TRANSFER - EPT 10 (VON DUPRIN)							
							1	NA	KEY SWITCH - 1310-2							
							1	626	MORTISE HOUSING - 20-059 (SCHLAGE)							
							1	626	CYLINDER - 20-740 (SCHLAGE)							
							1	NA	POWER SUPPLY - PS873-AO							
										DOOR#:	3					
										ELEV:	X					
										DOOR TYPE:	500 HW	SIZE:	SEE ELEVATION	FIN. VERIFY	QTY: 1	ARCH. HOWE SET: HW8
REVISIONS	FIELD PREP & APPLY	KAWNEER PREP & APPLY	KAWNEER PREP & APPLY	KAWNEER PREP & APPLY	OTHERS	KAWNEER	QTY/OPNG	FIN.	HARDWARE DESCRIPTION							
							1	VERIFY	GEAR HINGE - CFM95HD1 (PEMKO)							
							1	US26D	EXIT DEVICE- EL33A-NL-OP (VON DUPRIN)							
							1	630	PULL- 1191-5J TYPE N (ROCKWOOD)							
							1	626	CYLINDER- 20-757-ICX (SCHLAGE)							
							1	689	CLOSER - 4040XPH SNB							
							1	ALUM	THRESHOLD 171A FHSL25 (PEMKO)							

1010 SLIDING DOOR-HARDWARE SCHEDULE

DR. NO'S 14		FIN. # VERIFY	
LOCK		<input type="checkbox"/>	STD. A.R. MS1848 LOCK (ST. STL. BOLT)
		<input type="checkbox"/>	A.R. MS1847 LOCK (ALL PARTS ST.STL)
		<input checked="" type="checkbox"/>	HEAVY DUTY A.R. MS1850A-505 LOCK
		<input type="checkbox"/>	BOTTOM RAIL LOCK AR MS4073
		<input type="checkbox"/>	OTHER
CASTERS (SPRING LOADED ADJ. TANDEM WHEEL ASSY.)		<input checked="" type="checkbox"/>	STD.
		<input type="checkbox"/>	ST. STL. (WHEEL, SCREWS, SPRINGS)
		<input type="checkbox"/>	CENTER CASTER
		<input type="checkbox"/>	OTHER
EXTERIOR ACCESSORIES PULLS / CYLINDERS		<input type="checkbox"/>	BLANK EXTRUDED PULL (STD. W/MS1848/1847)
		<input type="checkbox"/>	EXTRUDED PULL W/BASIC CYL.(STD. W/MS1848/1847)
		<input checked="" type="checkbox"/>	BLANK FLUSH PULL (STD. W/MS1850A-505)
		<input type="checkbox"/>	FLUSH PULL W/BASIC CYL. (MS1848/1847)
		<input type="checkbox"/>	EXT. CYLINDER / BTM RAIL LOCK (USE KEYED ALIKE CYLINDERS)
		<input type="checkbox"/>	OTHER
INTERIOR ACCESSORIES PULLS / CYLINDERS		<input type="checkbox"/>	BLANK EXTRUDED PULL (MS1850A-505 OR NO LOCK)
		<input type="checkbox"/>	EXTRUDED PULL W/SLIDE OPERATOR(STD.MS1848/1847)
		<input type="checkbox"/>	EXTRUDED PULL W/THUMBTURN (MS1848/1847)
		<input type="checkbox"/>	EXTRUDED PULL W/MORTISE CYL. (MS1850A-505)
		<input checked="" type="checkbox"/>	BLANK FLUSH PULL (STD.W/MS1850A-505 OR NO LOCK)
		<input checked="" type="checkbox"/>	BLANK FLUSH PULL W/MORTISE CYL. (MS1850A-505)
		<input type="checkbox"/>	BLANK FLUSH PULL W/THUMBTURN (MS1850A-505)
		<input type="checkbox"/>	FLUSH PULL W/SLIDE OPERATOR (MS1848/1847)
		<input type="checkbox"/>	INT. CYLINDER / BTM RAIL LOCK (USE KEYED ALIKE CYLINDERS)
		<input type="checkbox"/>	OTHER

DOOR HARDWARE AND SEF MATERIAL REVIEW AND COMMENT RECORD

DRAWINGS SENT TO: _		PROJECT STATUS AT	
AT KAWNEER _		TIME OF REVIEW:	
SENT ON: _		RETURNED ON: _	

GENERAL SUMMARY OF CHANGES PER REVIEWERS COMMENTS

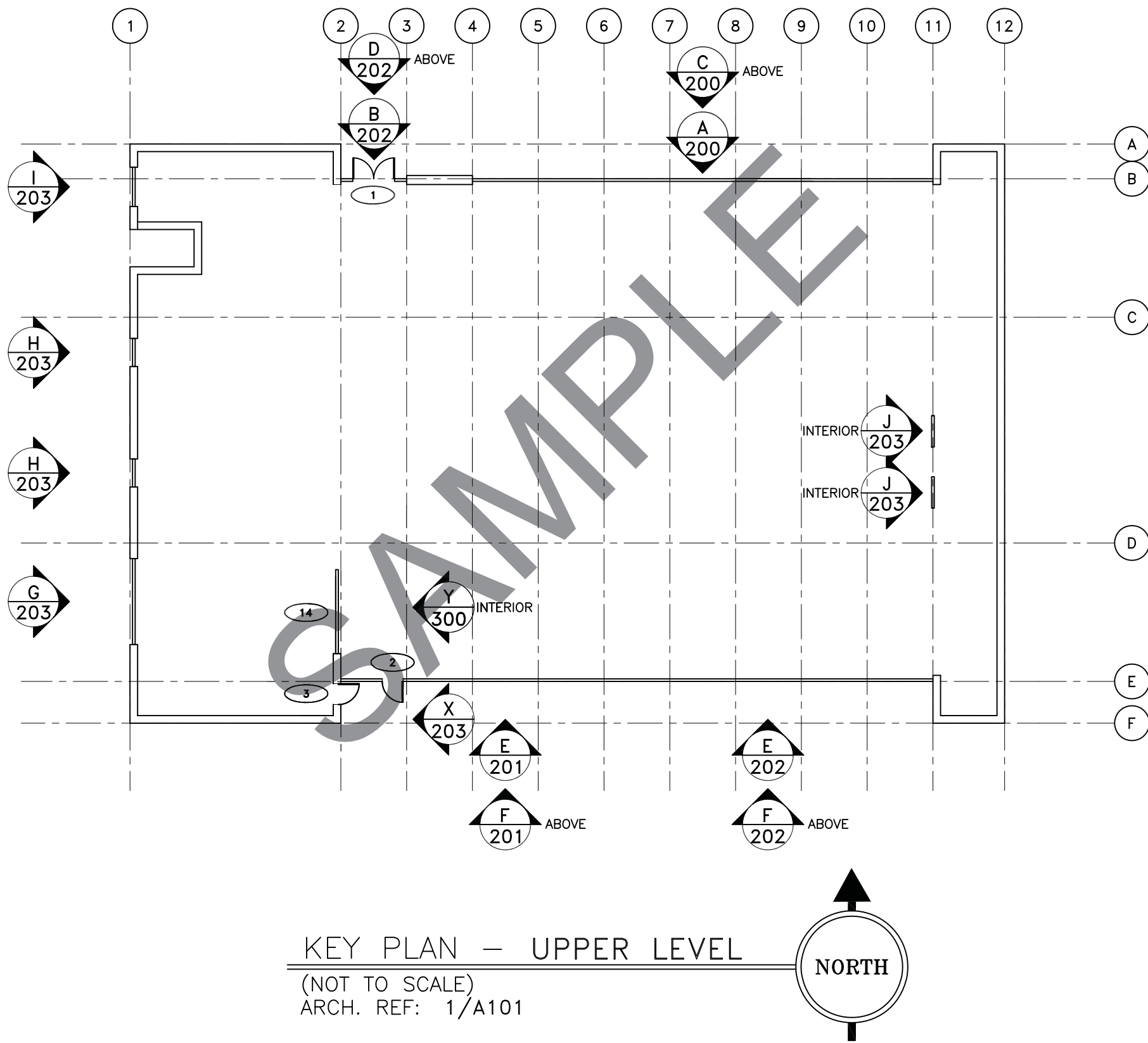
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'BY OTHERS' HARDWARE NOTE		MISCELLANEOUS HARDWARE NOTES	
Kawneer must receive an 'APPROVED HARDWARE SCHEDULE' which includes the following:			
- TEMPLATES			
- MODEL NUMBERS			
- MANUFACTURER			
of ALL hardware listed as 'BY OTHERS' before the project can be entered for Fabrication			

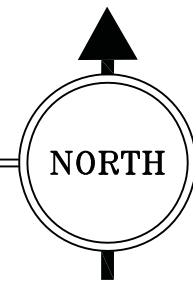
HARDWARE NOTES

- Please verify all hardware including manufacturer, part number, quantity, and finish. Approval by the customer is required before the order will be entered for production.
- Kawneer products will be factory fabricated for hardware furnished by others only under the following conditions:
 - The actual hardware may be required (see schedule) at the factory due to variation between physical hardware hardware and templates as well as other considerations.
 - Kawneer will fabricate per templates only if explicitly authorized in writing by our customer prior to production. Templates should be sent to the Project Manager along with the approved shop drawings. Kawneer will assume no responsibility for compatibility with the hardware if fabrication is done per templates.
 - Fabrication will not begin until all requested hardware has been received at the factory. Any hardware that is received but was not requested will be subject to a handling charge.
 - To prevent delays caused by improperly identified hardware, the exterior of each package of hardware must be marked with the customers name and address, job name, and Kawneer order number.
 - The customer is required to furnish Kawneer with any nonstandard hardware locations
- Kawneer does not recommend, nor will we warrant, painted finishes other than standard on hardware items due to the potential for deterioration. A standard finish should be selected for all hardware on painted projects.
- LCN CONCEALED CLOSERS: When using LCN 2010, 2030, or 5030 closers that are offset pivoted or center pivoted, Kawneer recommends the use of an auxiliary door holder of dead stop. The auxiliary door holder or dead stop is not included with these entrances. A dead stop must be added in the field, otherwise a premature failure of door hardware may occur, for which the Kawneer Co. will accept no responsibility.

FINISH DESIGNATIONS					DOOR HANDING		DRAWN BY: XK CURTAINWALL	
NO. DESCRIPTION							KAWNEER USE ONLY	
10 ALUMINUM - UNFINISHED					LEFTHAND OUTSWING(RHRB)			
14 CLEAR ANODIZED-ARCH. CLASS I (AA-M12C22A41)					RIGHTHAND OUTSWING(LHRB)			
17 CLEAR ANODIZED-ARCH. CLASS II (AA-M12C22A31)								
23 FLUOROROLYMER PAINT (KYNAR 500)								
26 LIGHT BRONZE PERMANODIC ARCH. CLASS I (AA-M12C22A42/44)								
28 MEDIUM BRONZE PERMANODIC ARCH. CLASS I (AA-M12C22A42/44)								
29 BLACK PERMANODIC ARCH. CLASS 1 (AA-M12C22A42/44)								
40 DARK BRONZE PERMANODIC ARCH. CLASS 1 (AA-M12C22A44)								
42 STATUARY BRONZE PERMANODIC ARCH. CLASS 1 (AA-M12C22A44)								
43 US10 (SATIN BRONZE)								
44 US10B (DARK OXIDIZED SATIN BRONZE)								
45 US32 (BRIGHT STAINLESS STEEL)								
46 US32D (SATIN STAINLESS STEEL)								
47 US3 (BRIGHT BRASS)								
US26 BRIGHT CHROME								
US26D SATIN CHROME								
US10 SATIN BRONZE								
US10B DARK OXIDIZED SATIN BRONZE								
US32 BRIGHT STAINLESS STEEL								
US32D SATIN STAINLESS STEEL								
KAWNEER STANDARD LOCK LOCATIONS								
STANDARD HARDWARE FINISHES								
DOOR FINISH #14/#17 #BW-BONE WHITE #26/#28/#40 #18/#29 #22 PAINTED #27 PAINTED								
STANDARD PUSH/PULLS								
CO-9 Pulls/CO-12 Pulls CPN Pulls/CP Push Bars CO-II Push Bars								
STANDARD HINGING								
Butt Hinges								
Continuous Gear Hinge								
Offset Pivots (K-Standard Top & Bottom)								
Offset Pivots (K-Standard Intermediate)								
Offset Pivots (G.J./M-19 Intermediate)								
STANDARD EXIT DEVICE								
Housings								
Crash Bars								
Panic Guard/Astragal								
STANDARD LOCKING								
MS 1850/MS Hookbolt Latch Lock/Electric Strike Face Plates								
Strikes								
STAND. LOCK ACCESSORIES								
Cylinders Scalp or Face Cylinder Rings								
Thumbturn								
Flush Bolts								
AR 4560 Latch Lever								
AR 4590 Latch Paddle								
AR 4089 Exit Indicator								
AVAILABLE PUSH/PULL FINISH OFFERINGS								
FINISH NUMBER FINISH DESIGNATION								
#14 Class I Clear Anodized								
#29 Class I Black Anodized								
#40 Class I Bronze Anodized								
#44 Bronze-US10B								
#45 Stainless Steel-US32								
#46 Stainless Steel-US32D								
#47 Bright Brass-PVD (US3)								
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STANDARD WALL AND WINDOW KAWNEER COMPANY, INC. SPRINGDALE, AR.								
DRAWING: 2404675								
ORDER: 10-505758								
SHT: 004								



KEY PLAN — UPPER LEVEL
(NOT TO SCALE)
ARCH. REF: 1/A101



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XK CURTAINWALL

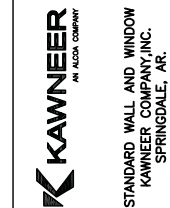
KAWNEER USE ONLY	
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SEE DATED SUMMARY SHEET
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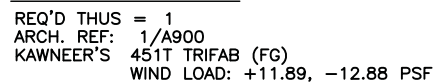
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1ST APPROVAL	

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DRAWING:
2404675
ORDER:
10-505758
SHT: 100

ERECTOR NOTE:
SEE SHT. 27 & 29 OF TRIFAB
VG INSTALLATION INSTRUCTIONS
FOR SILL FLASHING AND HEAD
RECEPTOR SPLICING AND SEALING.



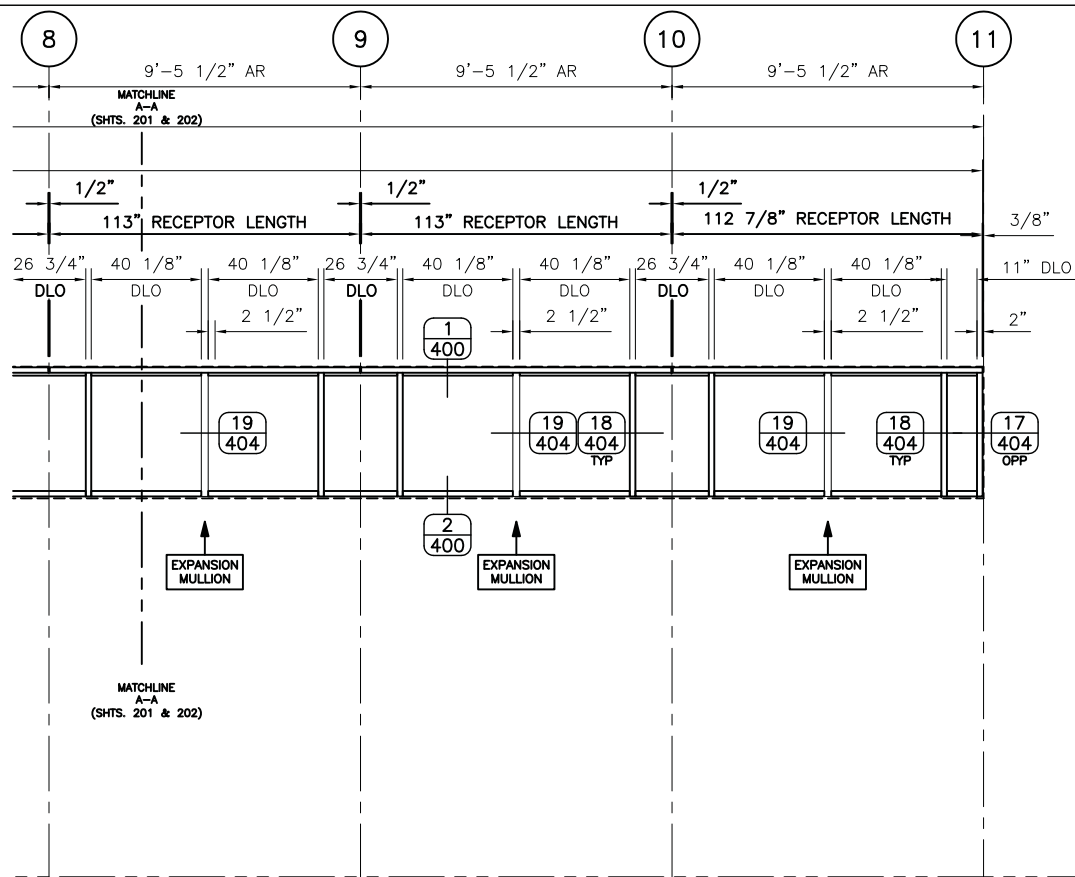
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SEE SHT. 27 & 29 OF TRIFAB
VG INSTALLATION INSTRUCTIONS
FOR SILL FLASHING AND HEAD
RECEPTOR SPLICING AND SEALING.

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[illegible]

REQ'D THUS = 1
ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG) W/
500 HW DOORS
WIND LOAD: +11.89, -12.88 PSF

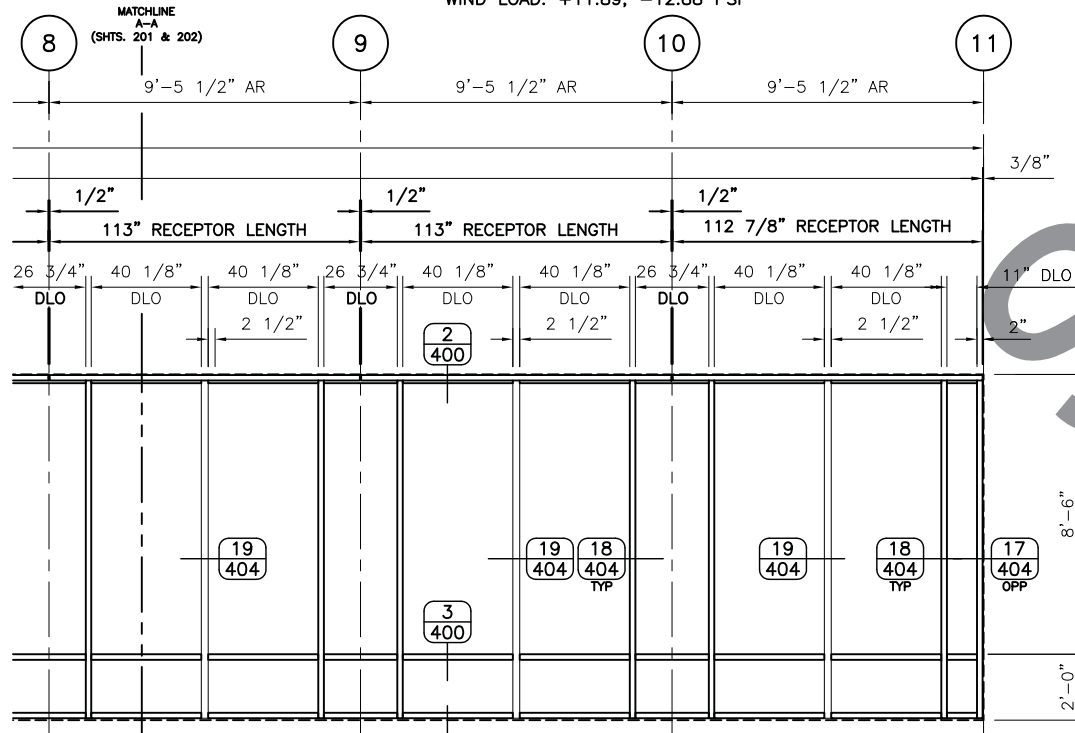
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CONTINUATION
ELEVATION **F**

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WIND LOAD: +11.89, -12.88 PSF

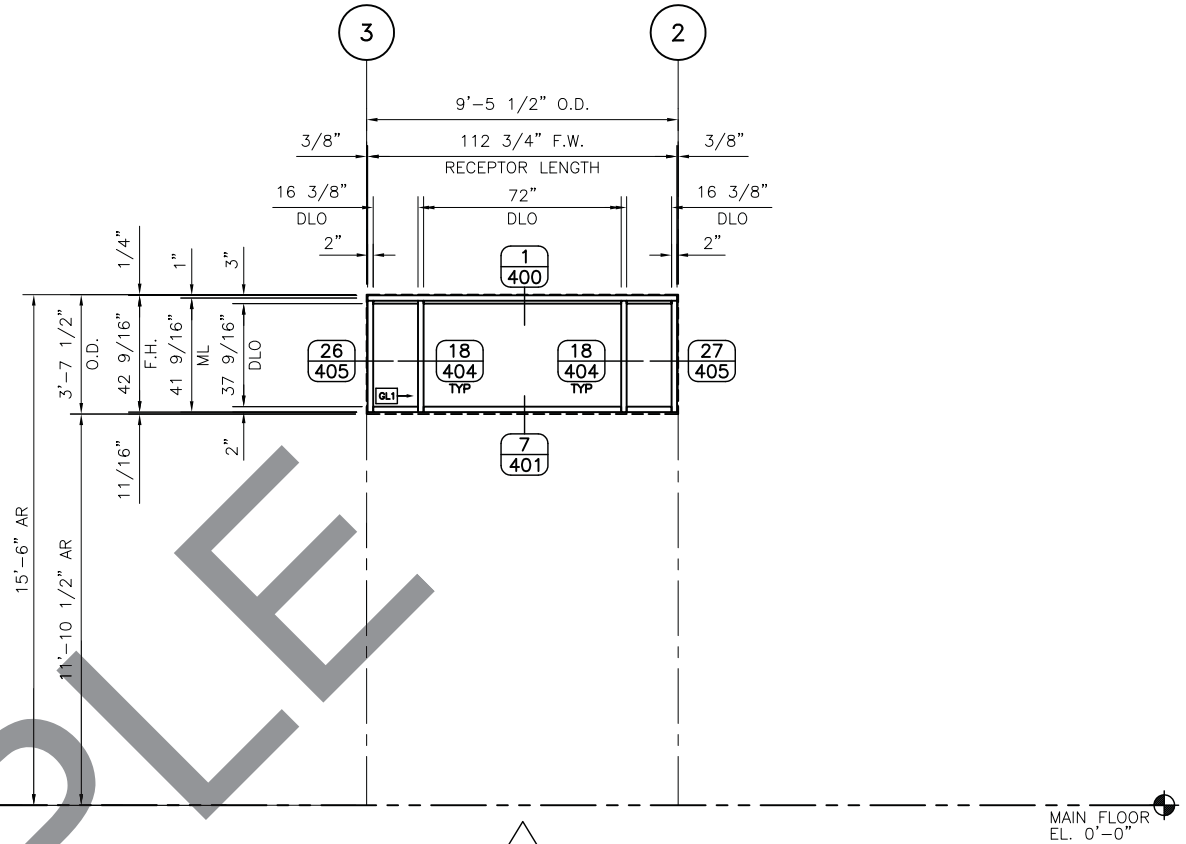
ERECTOR NOTE:
SEE SHT. 27 & 29 OF TRIFAB
VG INSTALLATION INSTRUCTIONS
FOR SILL FLASHING AND HEAD
RECEPTOR SPlicing AND SEALING.



CONTINUATION
ELEVATION **E**

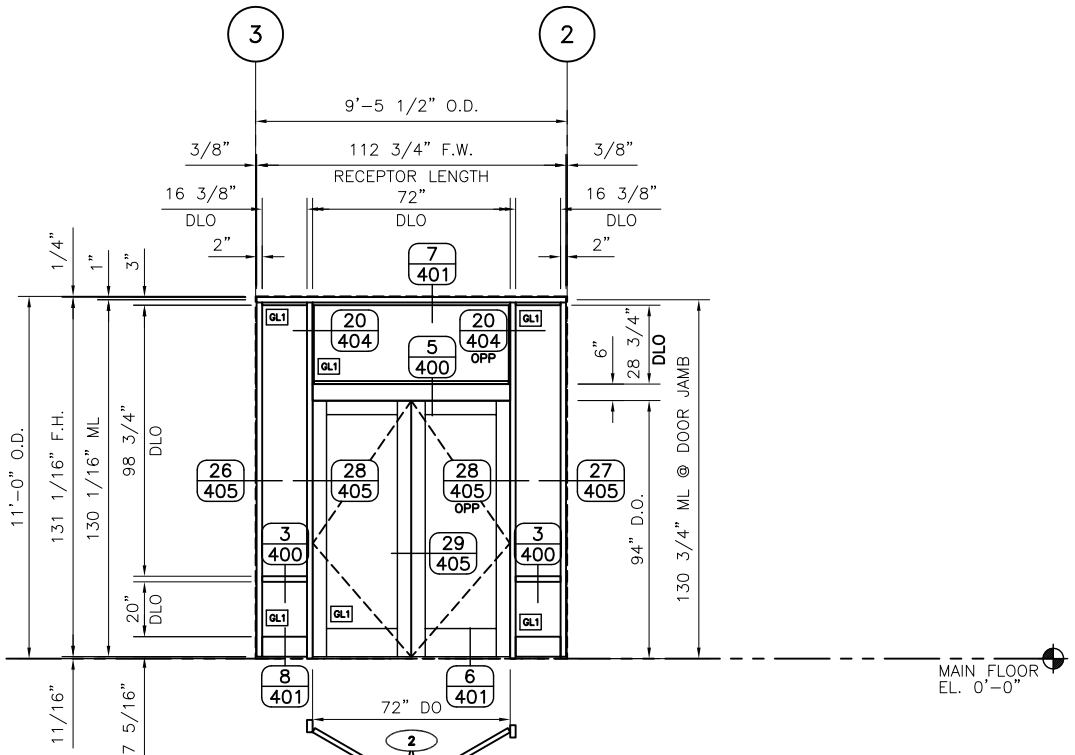
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ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG)
WIND LOAD: +11.89, -12.88 PSF

ERECTOR NOTE:
SEE SHT. 27 & 29 OF TRIFAB
VG INSTALLATION INSTRUCTIONS
FOR SILL FLASHING AND HEAD
RECEPTOR SPlicing AND SEALING.



ELEVATION **D**

REQ'D THUS = 1
ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG)
WIND LOAD: +11.89, -12.88 PSF



ELEVATION **B**

REQ'D THUS = 1
ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG) W/
500 HW DOORS
WIND LOAD: +11.89, -12.88 PSF

DRAWN BY:
XK CURTAINWALL

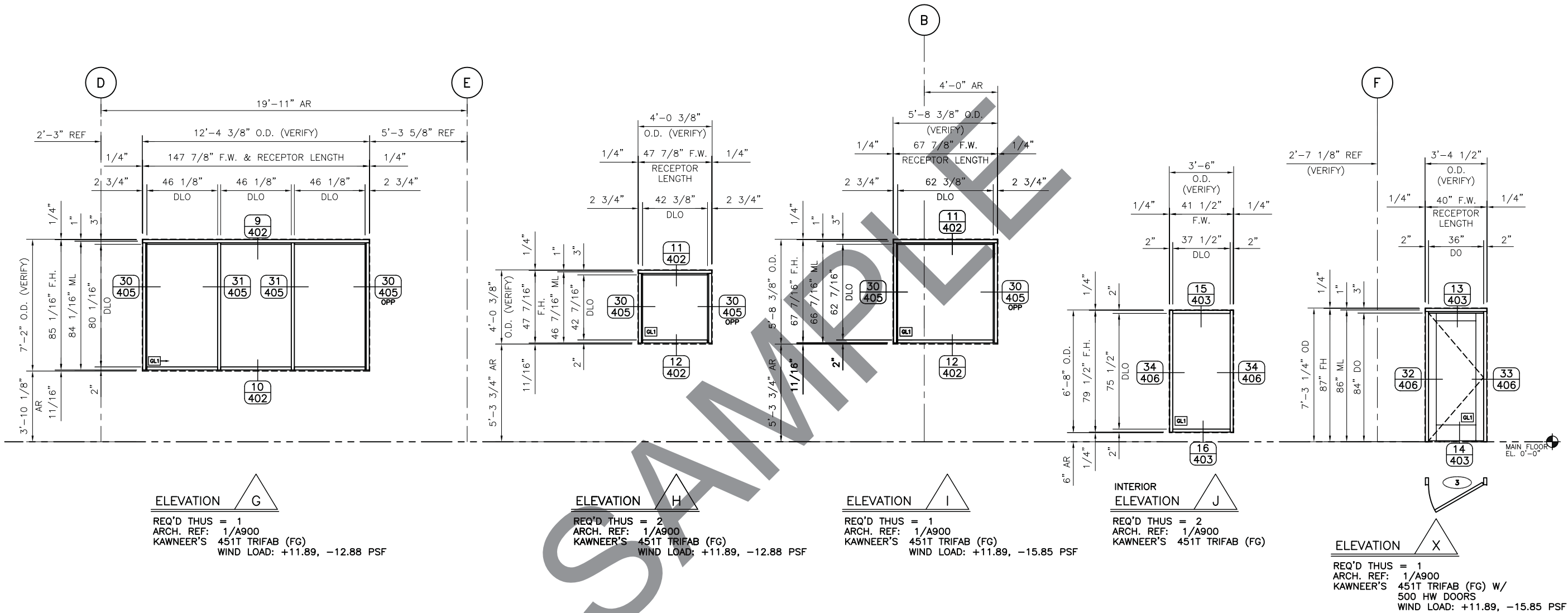
KAWNEER USE ONLY

REV.#	DESCRIPTION	DATE
1	1ST APPROVAL	07/30/10
2	PRINTS ISSUED FOR	

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KAWNEER COMPANY, INC.
SPRINGDALE, AR.

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SHT: 202



ELEVATION  G

REQ'D THUS = 1
ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG)
WIND LOAD: +11.89, -12.88 PSF

ELEVATION  H


REQ'D THUS = 2
ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG)
WIND LOAD: +11.89, -12.88 PSF

ELEVATION  I


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ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG)
WIND LOAD: +11.89, -15.85 PSF

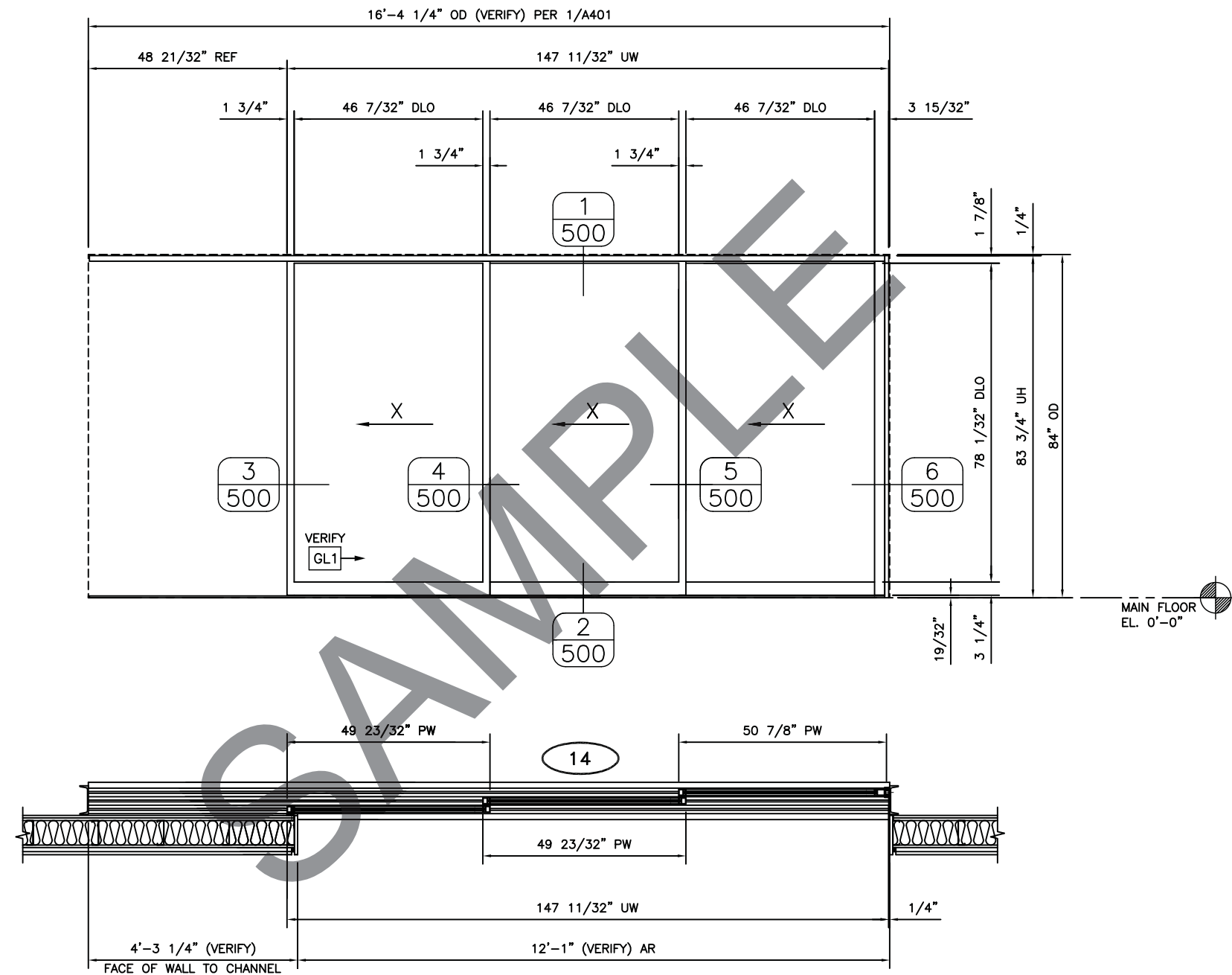
INTERIOR
ELEVATION  J

REQ'D THUS = 2
ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG)

ELEVATION  X

REQ'D THUS = 1
ARCH. REF: 1/A900
KAWNEER'S 451T TRIFAB (FG) W/
500 HW DOORS
WIND LOAD: +11.89, -15.85 PSF

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INTERIOR
ELEVATION

REQ'D THUS = 1
ARCH. REF: G/A900
KAWNEER'S 1010 SLIDERS

DRAWN BY:
K CURTAINWALL

AWNEER USE ONLY

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KAL	07/30/10	
BY	DATE	

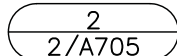
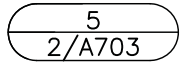
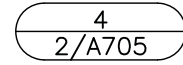
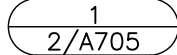
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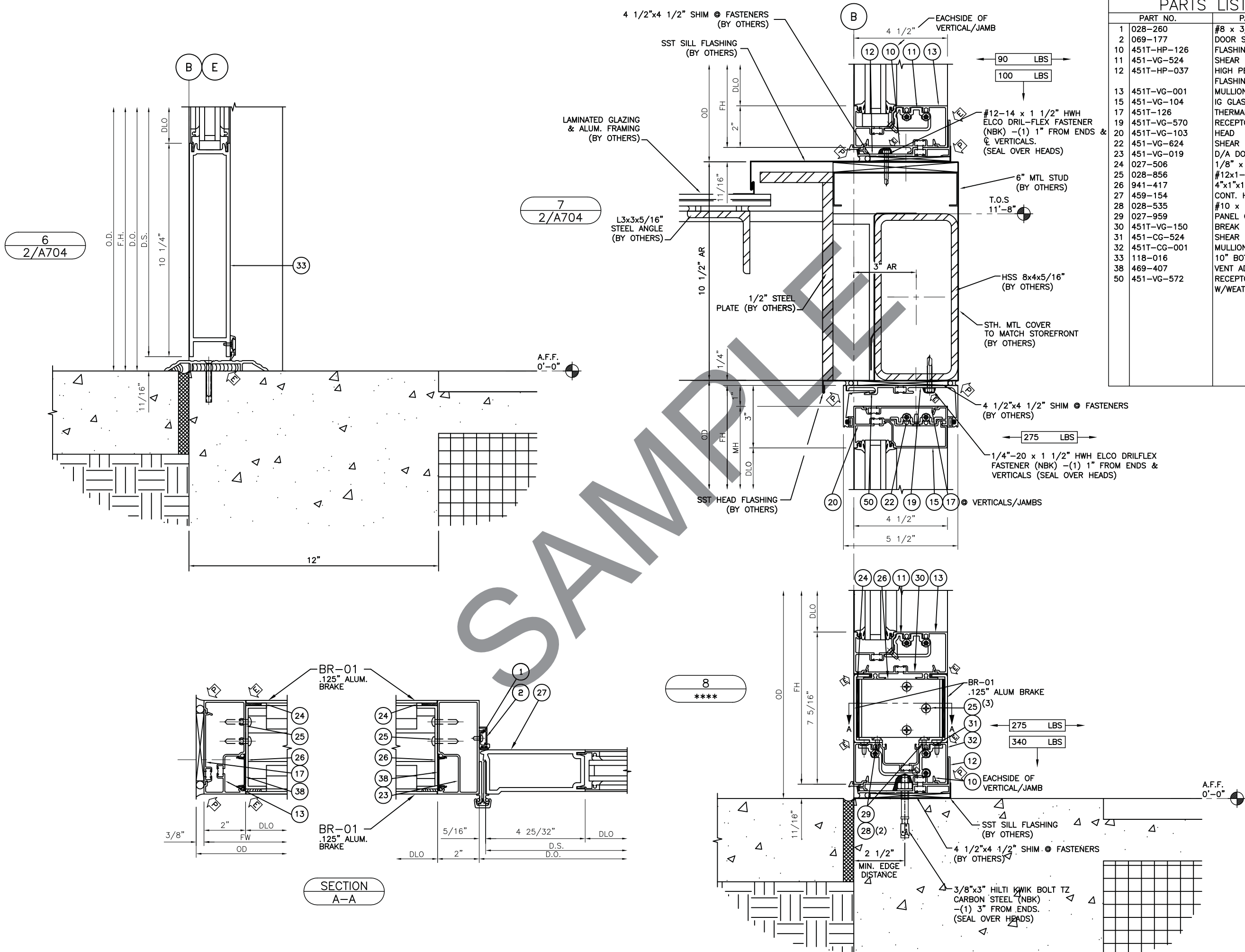
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ORDER:	0-505758
SHOT:	300

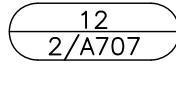
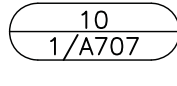
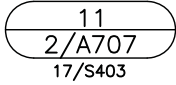
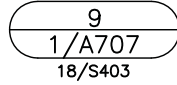


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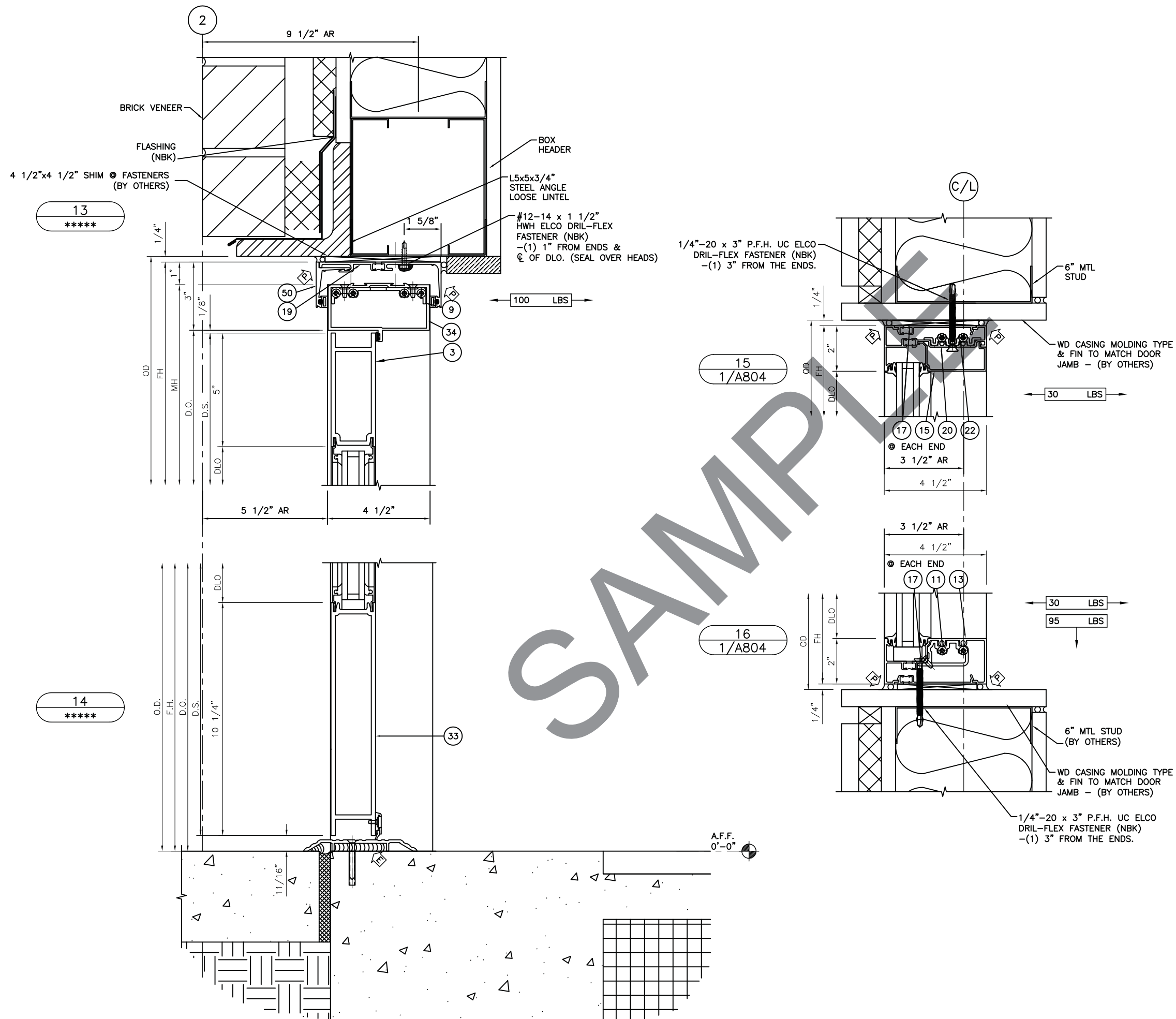


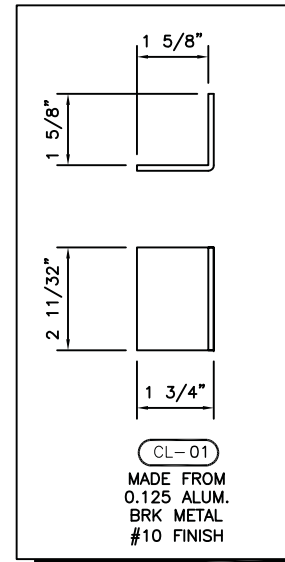
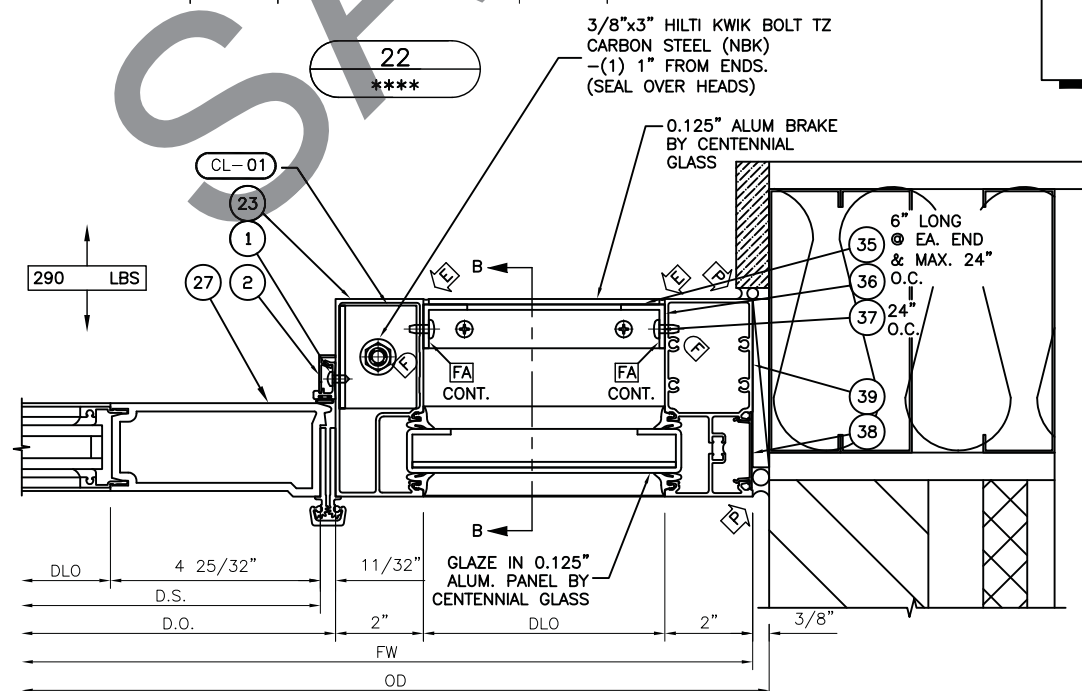
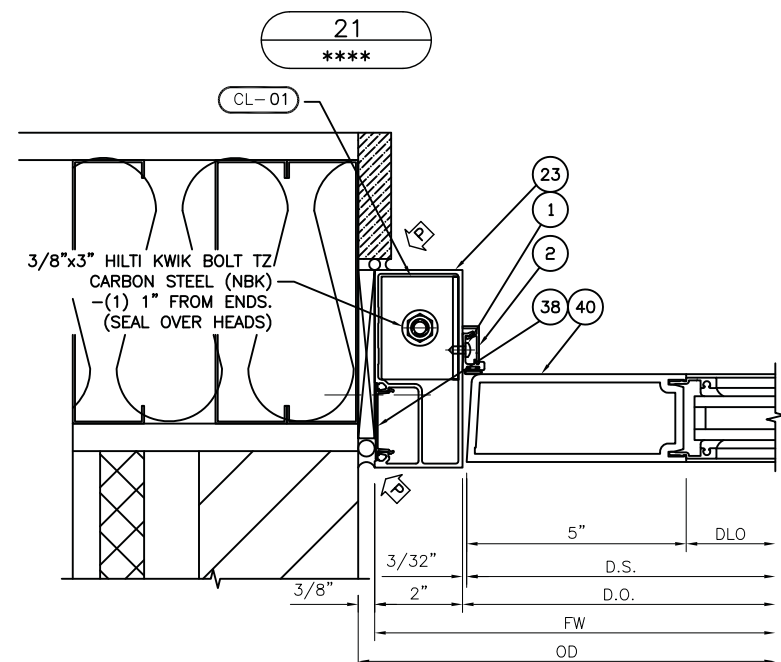
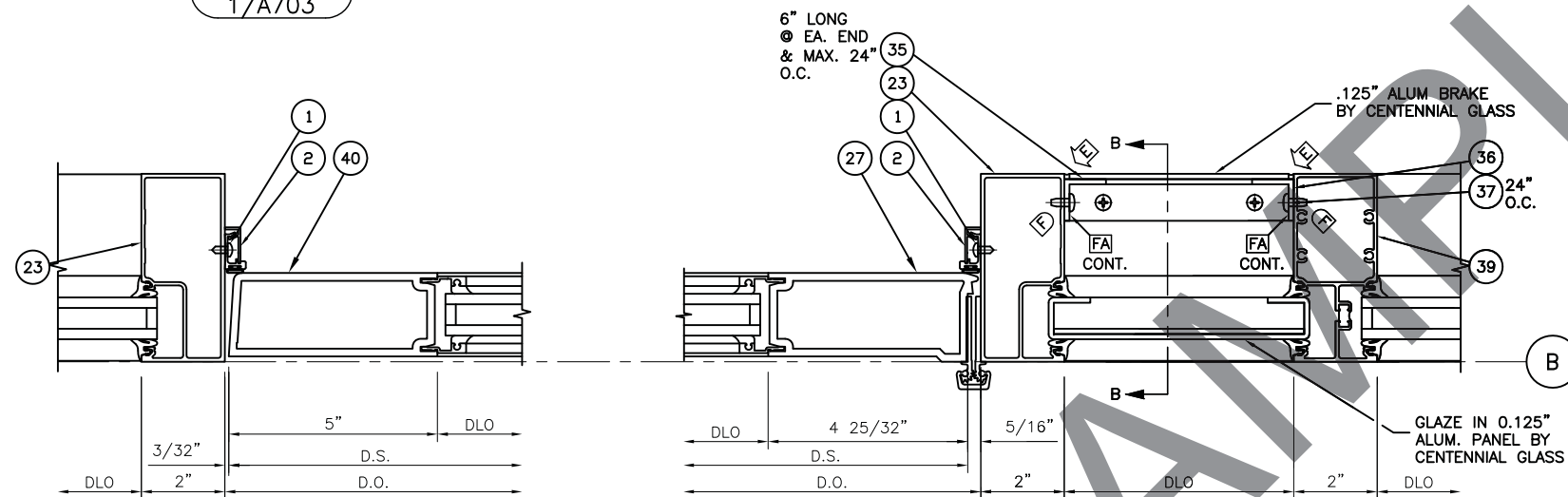
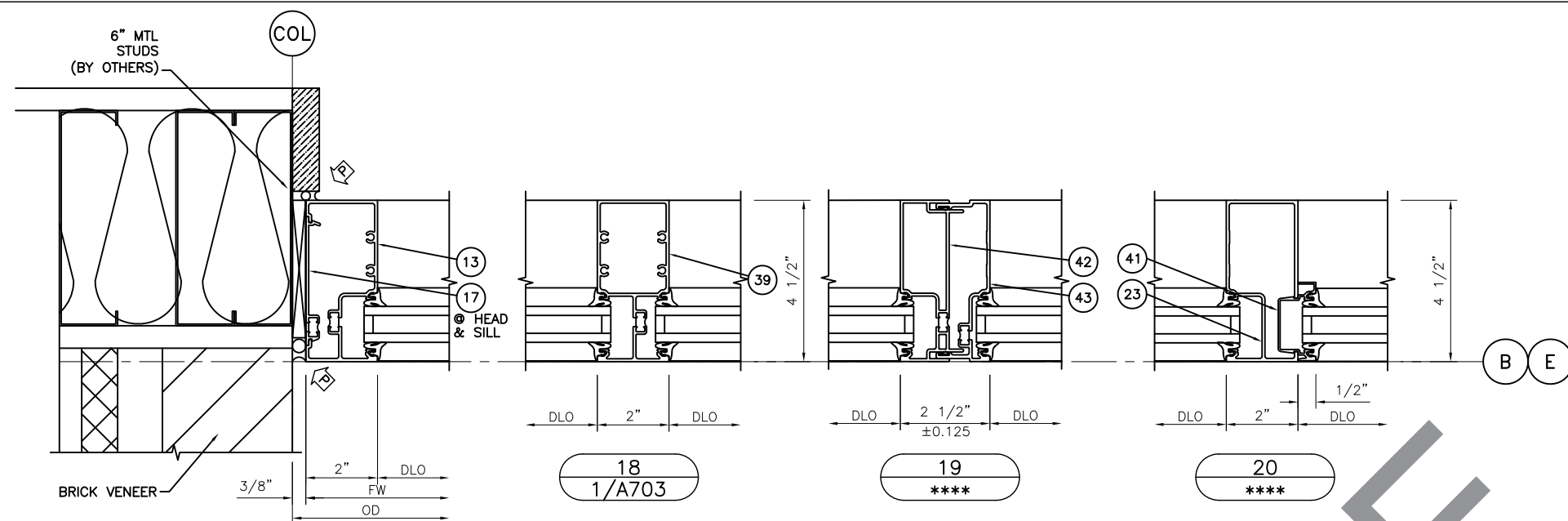
PARTS LIST	
PART NO.	PART DESCRIPTION
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2	069-177
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11	451-VG-524
12	451T-HP-037
13	451T-VG-001
15	451-VG-104
17	451T-126
19	451T-VG-570
20	451T-VG-103
22	451-VG-624
23	451-VG-019
24	027-506
25	028-856
26	941-417
27	459-154
28	028-535
29	027-959
30	451T-VG-150
31	451-CG-524
32	451T-CG-001
33	118-016
38	469-407
50	451-VG-572
	#8 x 3/8" AB PHST
	DOOR STOP ASS'Y
	FLASHING CLIP
	SHEAR BLOCK PACKAGE
	HIGH PERFORMANCE FLASHING
	MULLION/SILL/JAMB
	IG GLASS STOP
	THERMAL FILLER
	RECEPTOR W/WEATHERING
	HEAD
	SHEAR BLOCK PKG
	D/A DOOR JAMB
	1/8" x 1/4" FOAM TAPE
	#12x1-1/8" PHTF AB
	4"x1"x1/8" ALUM CHANNEL
	CONT. HINGE STYLE
	#10 x 1/2" B PHTF
	PANEL CLIP
	BREAK METAL ADAPTER
	SHEAR BLOCK PKG
	MULLION/SILL/JAMB
	10" BOTTOM RAIL
	VENT ADAPTER
	RECEPTOR FACE W/WEATHERING

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	ORDER: 10-505758					1ST APPROVAL		PRINTS ISSUED FOR	REV.#	DESCRIPTION	BY	DATE
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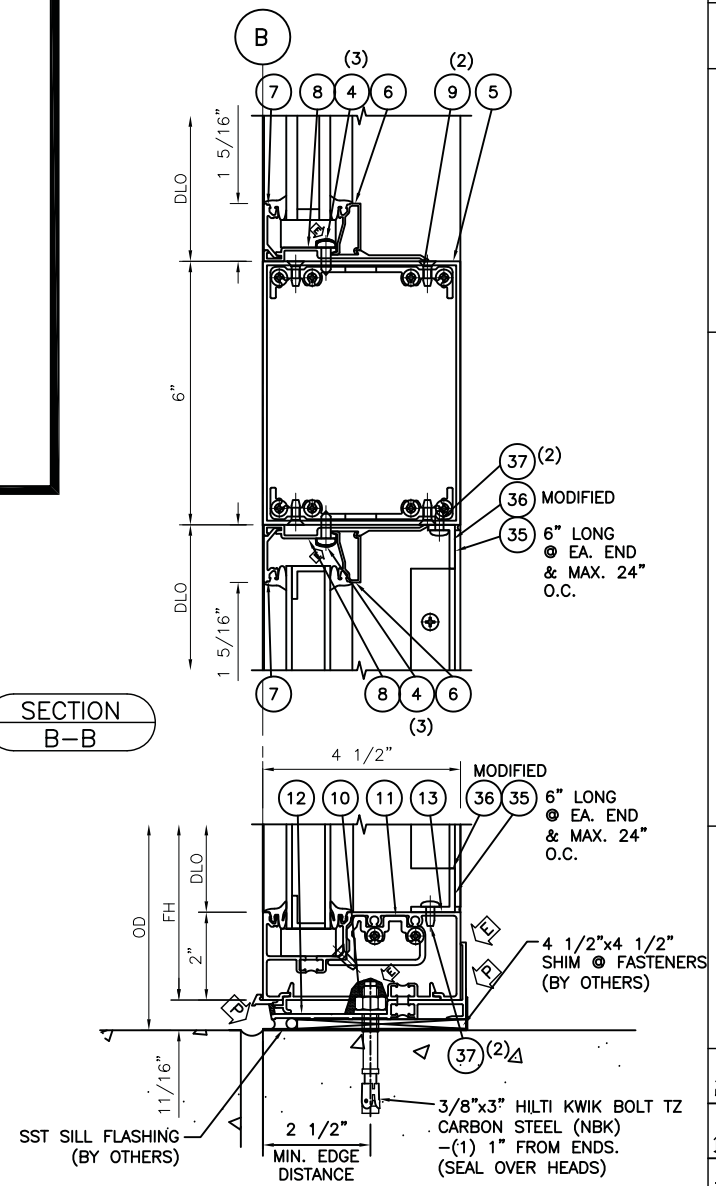


PARTS LIST	
PART NO.	PART DESCRIPTION
10 451T-HP-126	FLASHING CLIP
11 451-VG-524	SHEAR BLOCK PACKAGE
12 451T-HP-037	HIGH PERFORMANCE FLASHING
13 451T-VG-001	MULLION/SILL/JAMB
15 451-VG-104	IG GLASS STOP
17 451T-126	THERMAL FILLER
19 451T-VG-570	RECEPTOR W/WEATHERING
20 451T-VG-103	HEAD
22 451-VG-624	SHEAR BLOCK PKG
50 451-VG-572	RECEPTOR FACE W/WEATHERING

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SECTION
B-B



PART NO.		PART DESCRIPTION
1	028-260	#8 x 3/8" AB PHST
2	069-177	DOOR STOP ASS'Y
4	128-293	#12 X 5/8" P.H.S.T.
5	457-761	6x4 1/2x3/32"
		ALUM. TUBE
6	450-022	GLASS STOP
7	451-VG-004	GLASS STOP
8	451-VG-022	T-BAR ADAPTER
9	450-506	S/A T-BAR/HEADER
		CLIP PACKAGE
10	451T-HP-126	FLASHING CLIP
11	451-VG-524	SHEAR BLOCK PACKAGE
12	451T-HP-037	HIGH PERFORMANCE FLASHING
13	451T-VG-001	MULLION/SILL/JAMB
17	451T-126	THERMAL FILLER
23	451-VG-019	D/A DOOR JAMB
27	459-154	CONT. HINGE STILE
35	130-608	3M 4962 2-SIDED TAPE
36	027-151	1" x 1" x 1/8" AL. ANG
37	128-407	#10 x 7/16" B PHTF
38	469-407	VENT ADAPTER
39	451T-VG-005	TUBE MULLION
40	968-672	VERT. STILE
41	451-VG-033	POCKET INSERT
42	451T-VG-010A	TUBULAR FEMALE HALF
43	451T-VG-540	MALE HALF W/WEATHERING

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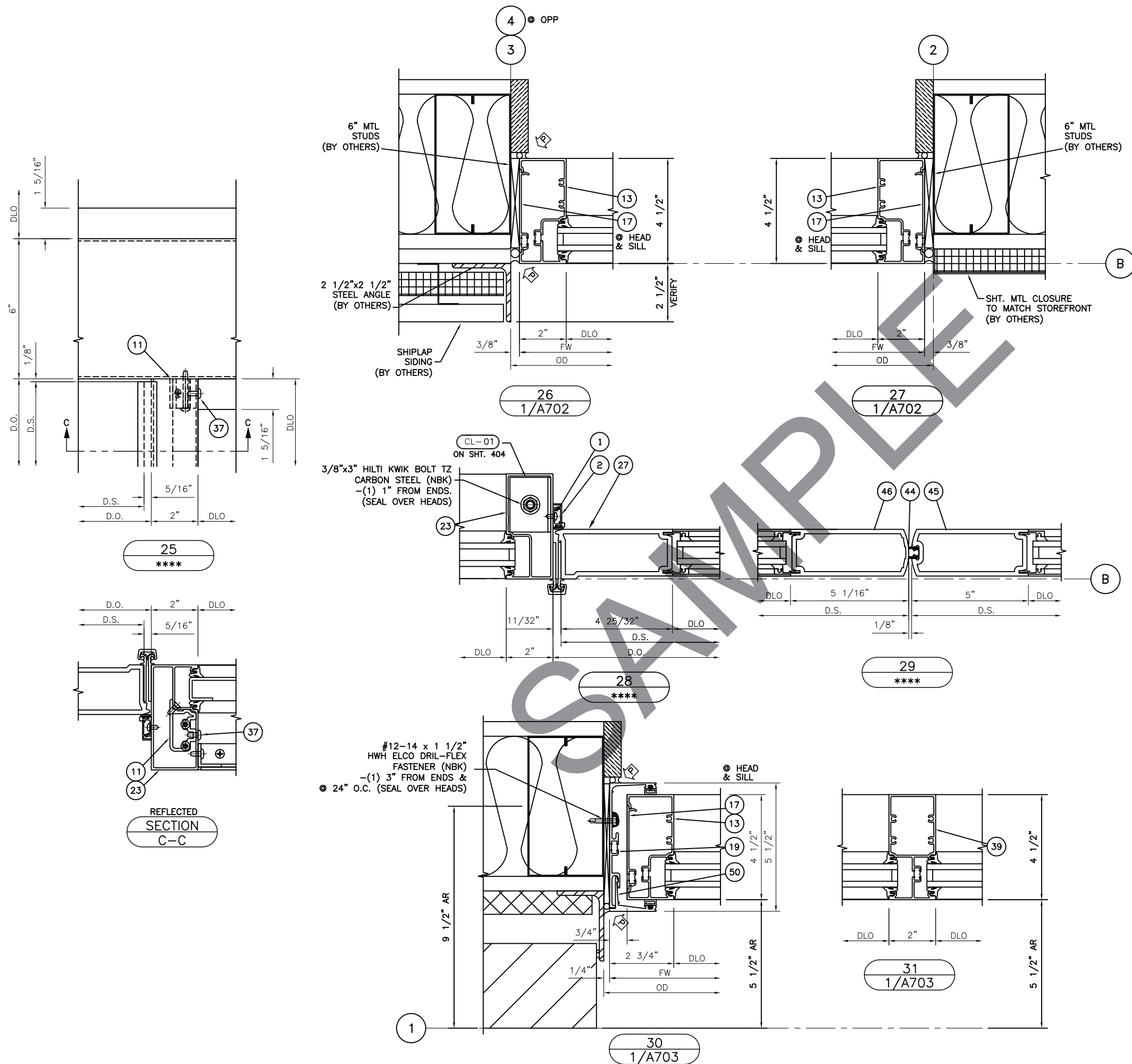
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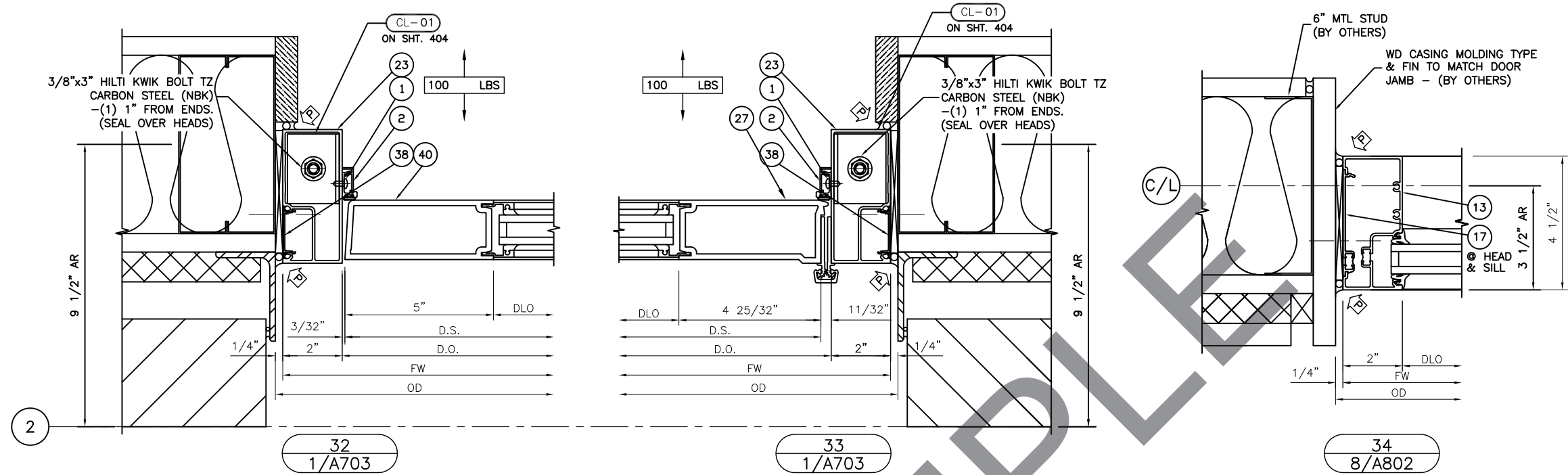
**STANDARD WALL AND WINDOW
KAWNEER COMPANY, INC.
SPRINGDALE, AR.**

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SHT: 404

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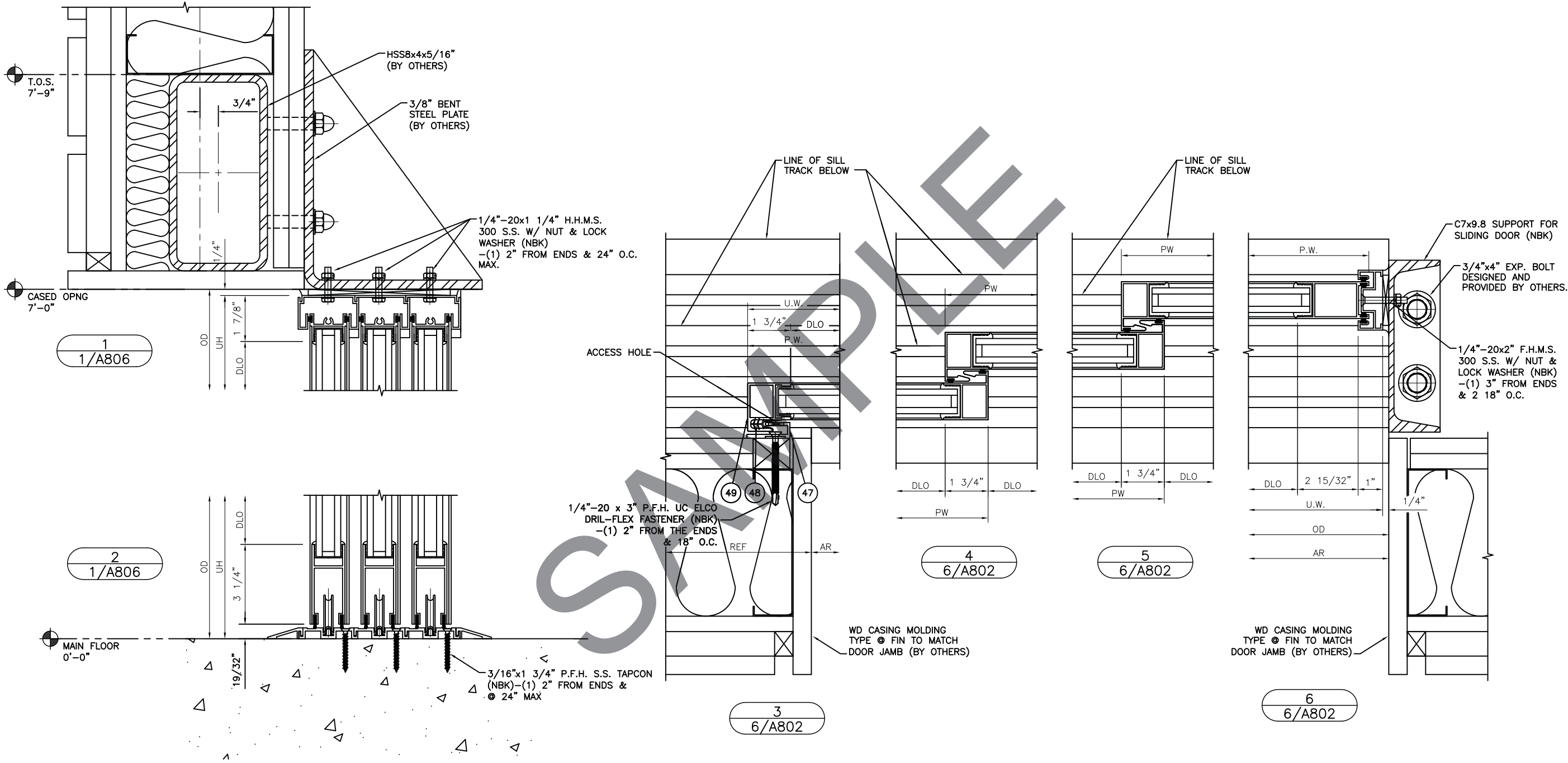
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PARTS LIST						DRAWN BY: XK CURTAINWALL	
PART NO.		PART DESCRIPTION				KAWNEER USE ONLY	
47	912-035	INTERLOCK JAMB					
48	925-200	INTERLOCK SPACER					
49	590-016	INTERLOCK					
						07/30/10	DATE
						KAL	BY



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