

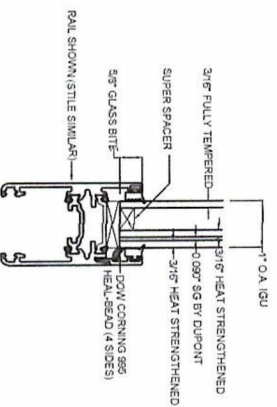
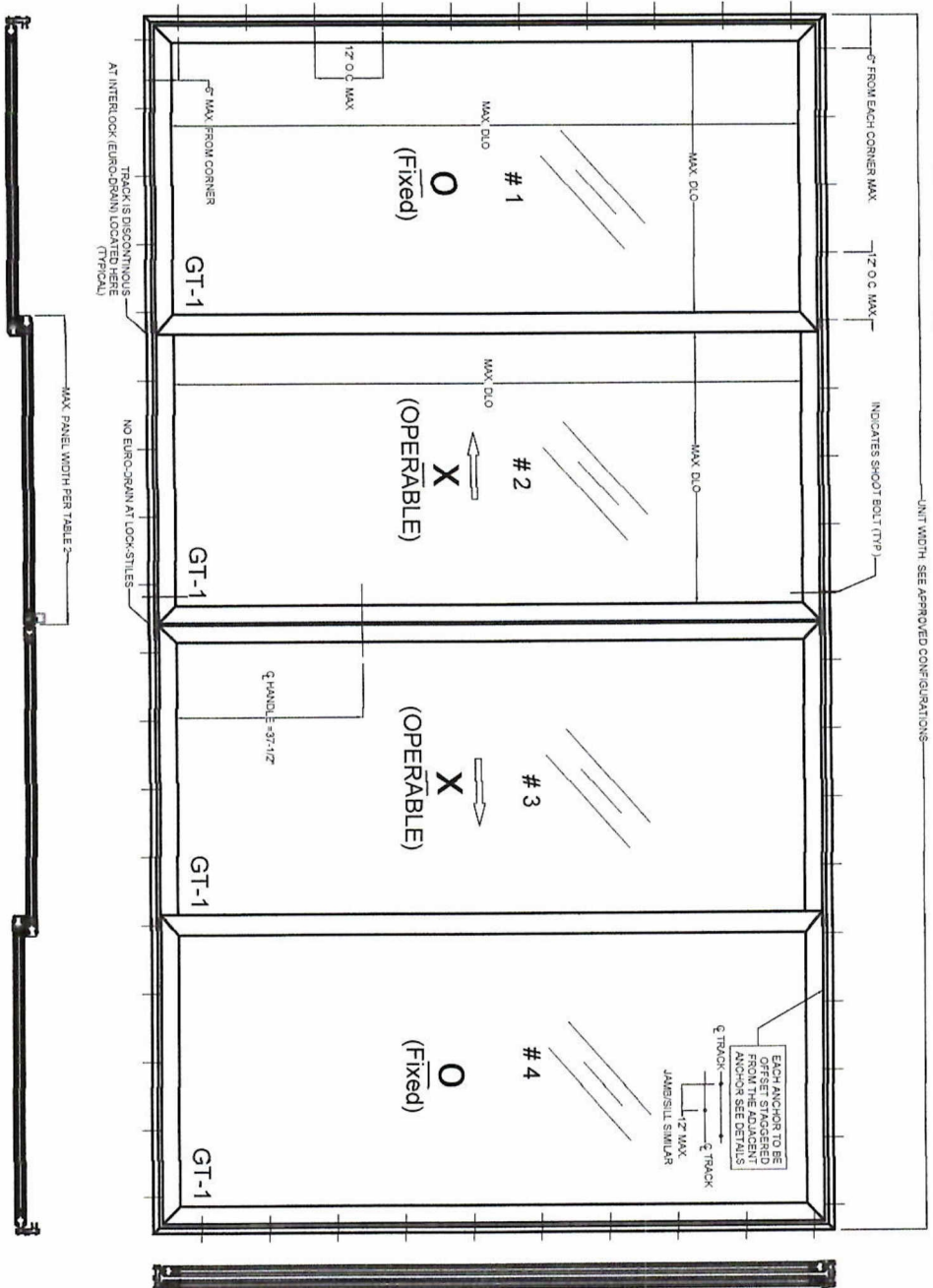
## GENERAL NOTES:

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) FOR MASONRY APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED MASONRY ANCHORS. MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE.
- 4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE REQUIRED MIN. EMBEDMENT. INSTALLATION ANCHORS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 5) 1/4" MAX. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.
- 6) DESIGN PRESSURES:
  - A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TESTING AND GLASS PER ASTM E1300.
  - B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL TESTING AND GLASS PER ASTM E1300.
- 7) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
- 9) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE LOCALITY HAVING JURISDICTION.
- 10) PRODUCT TESTED TO TAS 201-1A-2201 TAS 201-1A-2201 AS REPORTED ON INTERKAT REPORT NUMBER 1099 AND 05358

DESIGN PRESSURE RATING  
+50/-50 PSFLARGE AND SMALL  
MISSILE IMPACT RESISTANT

WATER INFILTRATION RATING= 7.5 PSF

UNIT WIDTH SEE APPROVED CONFIGURATIONS



## GLAZING DETAIL (GT-1)

SCALE: NTS

## (TYP.) OXOXO ELEVATION

2-TRACK

SCALE: NTS

## Euro-Wall

Product Line	EURO-LS100	Drawn by: TS
Drawing	EURO-LS100-FPA-HVHZ	Dt 12-09-15
Sheet	1 of 5	Rev: 1
Glazing	1" IGU (3/16"FT-3/16"HS-.090" SGP-3/16" HS	Scale: NTS

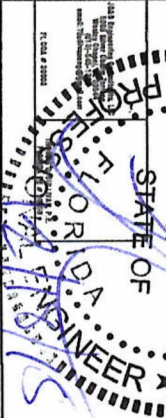


TABLE 1. PERIMETER ANCHOR SCHEDULE

Building Structure	Fastener Type	Minimum Embedment	Minimum Spacing	Maximum Spacing	Notes
Min. 2000 PSI Concrete	Tapcon 1/4"	1 3/4"	2 1/2"	3"	12"
Min. 4000 PSI Concrete	Tapcon 1/4"	1 3/4"	2 1/2"	3"	12"
Southern Pine	5/16" Lag	1 1/2"	1 1/2"	4"	G=0.55
Southern Pine	5/16" Lag	2"	1 1/2"	4"	G=0.46
Grout-Filled Masonry	Tapcon 1/4"	1 3/4"	2 1/2"	3"	12"
Light-Gage Framing	1/4" 20" HWH	1 3/4"	1"	3"	12"
Steel	1/4" 20" HWH	1 3/4"	1"	3"	12"

NOTE: ALL ANCHORS TO HAVE A MAX. 1/4" SHIM SPACE

TABLE 3. APPROVED CONFIGURATIONS. Note: All configurations can accommodate pocket frames.

Number of Tracks	Number of Panels	Approved Configurations
2 Track	2	XO, OX, XX
2 Track	3	XXO, OXX, XXO, OXX
2 Track	4	OXXX, OXXX, XXXO, XXXO, XXXX
3 Track	3	XXX
3 Track	4	XXXO, OXXX, XXXO, XXXO, OXXX
3 Track	5	XXXXO, OXXXX, XXXXX, OXXXX, OXXXX
3 Track	6	XXXXXX, XX-XXXO, OXXX-XX, OXX-XXX, XXX-OXX

Table 2: Allowable Design Pressure vs. Panel Size

Panel Height	36	42	48	54	60	66
96	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
108	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
120	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
132	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
144	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
156	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
168	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
180	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
192	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
204	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50

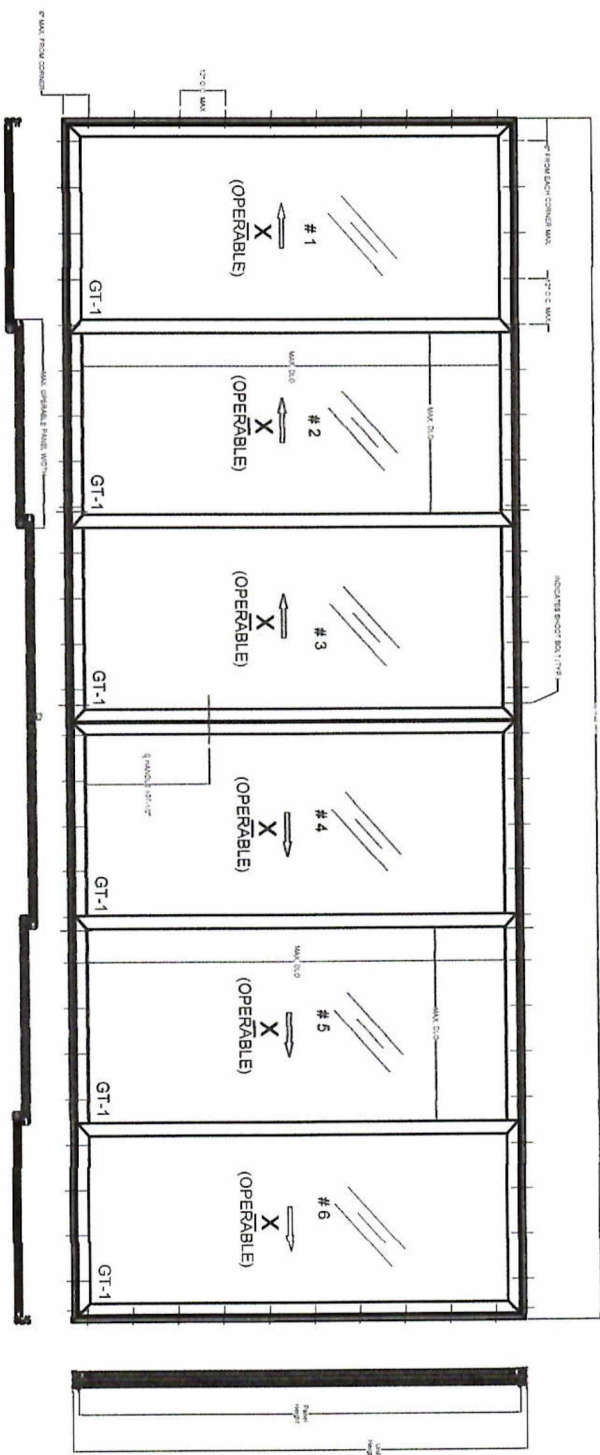
TABLE 4. APPROVED CONFIGURATIONS. Note: "X" can be substituted with "O" in any configuration

Number of Tracks	Number of Panels	Approved Configurations
4 Track	6	XXXXXX, OX-XXXX, XXXO-XX, XX-XXXX
4 Track	4	OXXX, OXXX, XXXO, OXXX
4 Track	4	OXXX, OXXX, XXXO, XXXO, XXXX
4 Track	4	XXXX
5 Track	4	XXXX, OXXX, XXXO, XXXO, OXXX
5 Track	5	XXXXO, OXXXX, XXXXX, OXXXX, OXXXX
5 Track	5	XXXXXX, XX-XXXO, OXXX-XX, OXX-XXX, XXX-OXX



Euro-Wall		
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Sheet	2 of 5	Rev: 1
Glazing	1" IGU (3/16"FT-3/16"HS-.090" SGP-3/16" HS	Scale: NTS

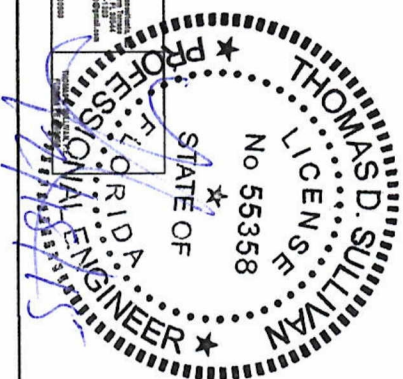


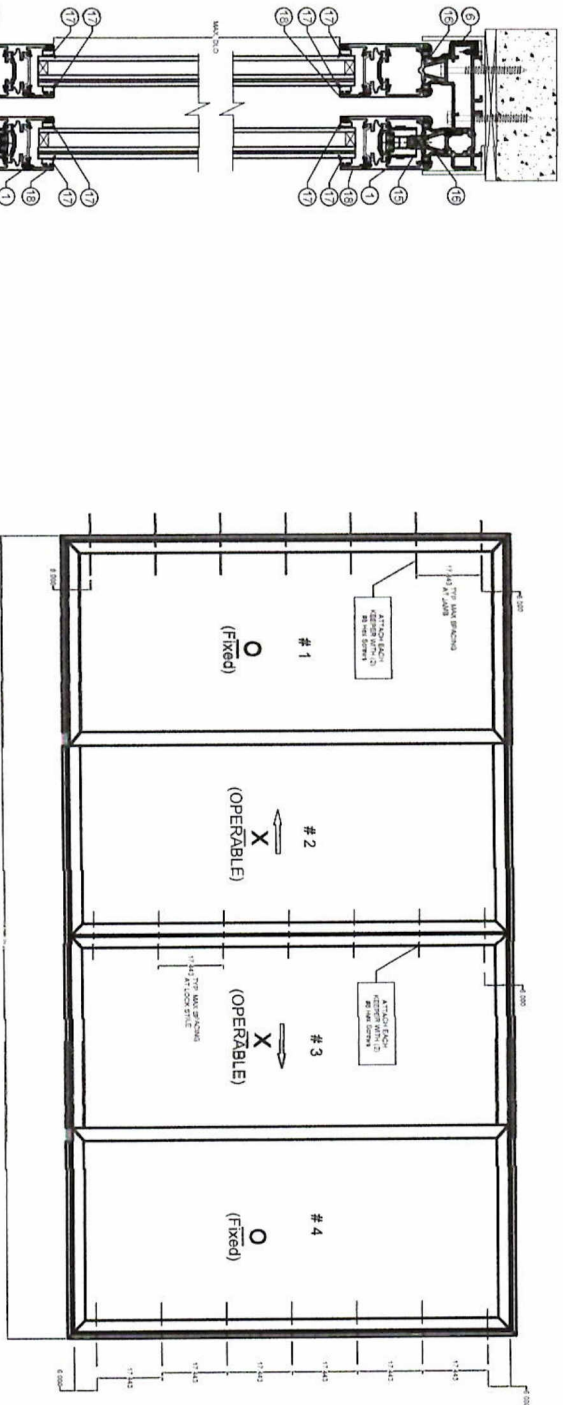


(TYP.) XXX-XXX ELEVATION  
SCALE: NTS

## Euro-Wall 1

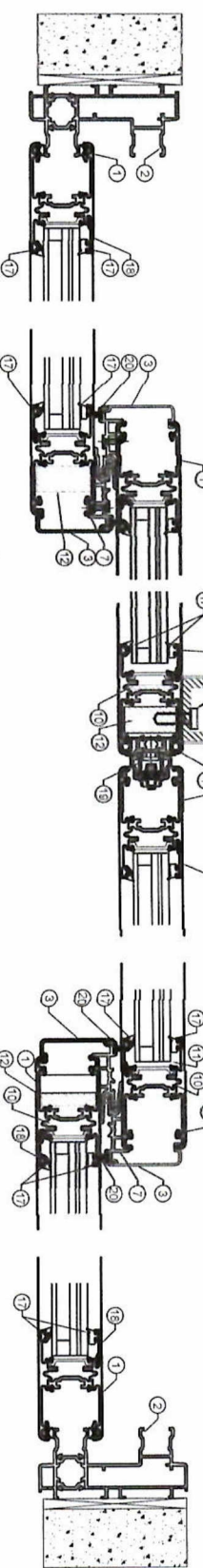
Product Line	EURO-LS100	Drawn by: TS
Drawing	EURO-LS100-FPA-HVHZ	Dt: 12-09-15
Sheet	3 of 5	Rev: 1
Glazing	1" IGU (3/16" FT-3/16" HS-.090" SGP-3/16" HS	Scale: NTS



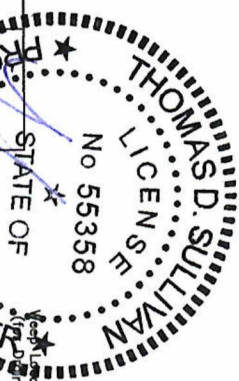


MULTI-POINT LOCK LOCATIONS  
OXIGO SHOWN (OTHERS SIMILAR)  
SCALE: NTS

2 TRACK VERTICAL SECTION  
(3 TRACK SIM) SCALE: NTS



2 TRACK HORIZONTAL SECTION



Keek Location  
(Top of Sill)

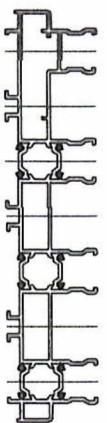
Finished Floor

# Euro-Wall

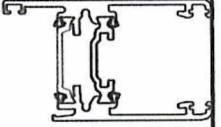
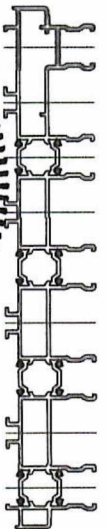
Euro-Wall		Drawn by: TS
Product Line	EURO-LS100	
Drawing	EURO-LS100-FPA-HVHZ	Dt: 12-09-15
Sheet	4 of 5	Rev: 1
Glazing	1" IGU (3/16" FT-3/16" HS-.090" SGP-3/16" HS	Scale: NTS

LS-100 BILL OF MATERIALS

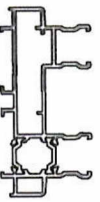
ITEM #	PART #	DESCRIPTION	MATERIAL
1	LS Shash	T-B RAIL/STYLE	6063-T5/POLYAMIDE
2	LS 2-Track	2 TRACK JAMB/HEAD/SILL	6063-T5/POLYAMIDE
3	LS 3-Track	3 TRACK JAMB/HEAD/SILL	6063-T5/POLYAMIDE
4	LS Snap	TRACK INSERT	POLYAMIDE
5	LS NCap	ACC. TRIM PIECE	AL (6063-T5)
6	LS ECap	ACC. TRIM PIECE	AL (6063-T5)
7	LS Int	INTERLOCK	AL (6063-T5)
8	LS CD	CONDENSATION ACC.	AL (6063-T5)
9	LS Ang	HEAD REINFORCEMENT	GR. 36 STEEL
10	LS SMS	RAIL/STYLE REINF.	GR. 36 STEEL
11	LS SLS	LOCK STYLE REINF.	GR. 36 STEEL
12	LS AC	ASTRAGAL ACC.	Aluminum
13	LS TS	ASTRAGAL REINF.	GR. 42 STEEL
14	LS GB	GLAZING BEAD	6063-T5
15	LS RA	LIFT AND SLIDE Roller	Kevlar / SS / Steel
16	LS TR	SNAP-IN ROLLER GUIDE	Polyamide
17	LS MP	MULTI-POINT LOCK ASMB	CRM-SS-Steel
18	LS GG	GLAZING GASKET	EPDM (Trelborg)
19	LS TSW	T-SLOT SWEEP	POLYMER
20	LS 4-Track	4 TRACK JAMB/HEAD/SILL	6063-T5/POLYAMIDE
21	LS 5-Track	5 TRACK JAMB/HEAD/SILL	6063-T5/POLYAMIDE



20 4 TRACK JAMB/HEAD/SILL  
6063-T5/POLYAMIDE



1 T-B RAIL/STYLE  
6063-T5/POLYAMIDE



2 2 TRACK JAMB/HEAD/SILL  
6063-T5/POLYAMIDE



3 3 TRACK JAMB/HEAD/SILL  
6063-T5/POLYAMIDE



4 TRACK INSERT  
POLYAMIDE



5 ACC. TRIM PIECE  
6063-T5



6 ACC. TRIM PIECE  
6063-T5



7 INTERLOCK  
6063-T5



8 CONDENSATION ACC.  
6063-T5



9 HEAD REINFORCEMENT  
(By Others) 6063-T5



10 RAIL/STYLE REINF.  
A36 STEEL



11 LOCK STYLE REINF.  
A36 STEEL



12 ASTRAGAL ACC.  
Aluminum



13 ASTRAGAL REINF.  
GR. 48 STEEL



14 GLAZING BEAD  
6063-T5 ALUMINUM



15 LIFT & SLIDE ROLLER  
Kevlar / SS / Steel



16 Snap-in Roller Guide  
Polyamide



18 MULTI-POINT LOCK ASSBY  
CRM - SS - Steel



19 GLAZING GASKET  
EPDM (Trelborg)



19 T-SLOT SWEEP  
Polymer



Euro-Wall

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Sheet	5 of 5	Rev: 1
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