

# LTS SHOP DRAWING CHECKLIST

PROJECT INFORMATION			
CLIENT NAME:		DATE:	
CLIENT REP:		CLIENT PHONE:	
CLIENT E-MAIL:		CLIENT FAX:	
STATE OF PROJECT:		PROJECT NAME:	
DATE FIRST SUBMITTAL DRAWINGS ARE REQUIRED:			
STRUCTURAL CALCULATIONS:		PE OR SE STAMP:	
ARE STRUCTURAL CALCULATIONS REQUIRED FOR THE FIRST SUBMITTAL? :			

ALUMINUM MANUFACTURER

FINISH

STOREFRONT SYSTEMS – PROVIDE SIGHTLINE & PROFILE DIMENSIONS

CURTAIN WALL SYSTEMS – PROVIDE SIGHTLINE & PROFILE DIMENSIONS

DOORS – PROVIDE SERIES & DEPTHS

WINDOWS – PROVIDE SERIES & DEPTHS

**STOREFRONT SYSTEMS**

GLAZING OPTIONS		
<input type="checkbox"/> INSIDE GLAZE	<input type="checkbox"/> OUTSIDE GLAZE	<input type="checkbox"/> OTHER:

SYSTEM PLANE OF GLASS			
<input type="checkbox"/> CENTER PLANE	<input type="checkbox"/> FRONT PLANE	<input type="checkbox"/> BACK PLANE	<input type="checkbox"/> MULTIPLANE

FABRICATION METHOD		
<input type="checkbox"/> SCREW SPLINE	<input type="checkbox"/> SHEAR BLOCK	<input type="checkbox"/> CAN SYSTEM
<input type="checkbox"/> SILL FLASHING <input type="checkbox"/> PROVIDE SILL FLASHING PART NUMBER:	<input type="checkbox"/> SET ON R.O. <input type="checkbox"/> SHIM OFF R.O. – DIMENSION:	
<input type="checkbox"/> HEAD RECEPTOR <input type="checkbox"/> PROVIDE HEAD RECEPTOR PART NUMBERS:	<input type="checkbox"/> SET ON R.O. <input type="checkbox"/> SHIM OFF R.O. – DIMENSION:	

BRAKE METAL
<input type="checkbox"/> REQUIRED:
<input type="checkbox"/> BRAKE METAL THICKNESS:
<input type="checkbox"/> DO YOU REQUIRE A SEPARATE BRAKE METAL DETAIL SHEET?
<input type="checkbox"/> BRAKE METAL WITHIN OR AROUND STOREFRONT (EXPLAIN):

SPECIALTY ITEMS
<input type="checkbox"/> EXPANSION VERTICAL MULLIONS:
<input type="checkbox"/> VARIABLE PIVOT / SPLAYED MULLIONS:
<input type="checkbox"/> GLAZING ADAPTORS:
<input type="checkbox"/> CUSTOM DIES:
<input type="checkbox"/> VYNAL FILLER AT PIREMETER LOCATIONS:
<input type="checkbox"/> ALUMINUM FILLER AT PIREMETER LOCATIONS (REQUIRED AT ANCHORS):

SEALANT INFORMATION		
<input type="checkbox"/> CAULK JOINT DIMENSION:		
<input type="checkbox"/> HEAD	<input type="checkbox"/> JAMBS	<input type="checkbox"/> SILL
<input type="checkbox"/> EXTERIOR SEALANT BY WHOM:		
<input type="checkbox"/> INTERIOR SEALANT BY WHOM:		
<input type="checkbox"/> TYPE OF SEALANT:		



## CURTAIN WALL SYSTEMS

INSTALLATION METHOD		
<input type="checkbox"/> OUTSIDE GLAZE	<input type="checkbox"/> INSIDE GLAZE	<input type="checkbox"/> OTHER:

ERECTION METHOD		
<input type="checkbox"/> STICK SYSTEM	<input type="checkbox"/> UNITIZED SYSTEM	<input type="checkbox"/> I-BEAM SYSTEM
<input type="checkbox"/> OTHER		

ATTACHMENT METHOD	
<input type="checkbox"/> SHEAR BLOCK	<input type="checkbox"/> SCREW SPLINE

SYSTEM INFORMATION	
SIGHTLINE DIMENSION:	
DEPTH:	
<input type="checkbox"/> CENTER TONGUE:	<input type="checkbox"/> OFFSET TONGUE
<input type="checkbox"/> ONE PIECE HORIZONTAL:	<input type="checkbox"/> ROLL OVER HORIZONTALS
<input type="checkbox"/> TWO PIECE VERTICAL MULLIONS:	
<input type="checkbox"/> INTERNAL STEEL (LOCATION AND WHAT SIZE?):	
<input type="checkbox"/> EXPANSION SPLICE:	
<input type="checkbox"/> HARD SPLICE:	
<input type="checkbox"/> SUBFRAMES AT DOORS:	
DEPTH OF FACE COVER:	
STOCK LENGTH SIZE REQUIRED:	

SPECIALTY ITEMS			
<input type="checkbox"/> SSG VERTICALS	<input type="checkbox"/> SSG HORIZONTALS	<input type="checkbox"/> PERIMETER SSG	
<input type="checkbox"/> 4-SSG	<input type="checkbox"/> SSG CORNERS	<input type="checkbox"/> CAPTURED CORNERS	
<input type="checkbox"/> SPLAYED MULLIONS:			
<input type="checkbox"/> LARGER SIGHTLINE ONE PIECE MULLIONS:			
<input type="checkbox"/> LARGER SIGHTLINE ONE PIECE PRESSURE PLATE AND COVER:			
<input type="checkbox"/> GLAZING ADAPTORS REQUIRED:			
<input type="checkbox"/> DIMENSION OF REQUIRED ADAPTORS:			
<input type="checkbox"/> CUSTOM DIES:			
<input type="checkbox"/> SUNSHADES:			
<input type="checkbox"/> OTHER:			
ANCHORING METHOD:			
<input type="checkbox"/> T&F	<input type="checkbox"/> SHEAR BLOCK ANCHOR	<input type="checkbox"/> PERIMETER F	<input type="checkbox"/> CUSTOM CLIPS



## DOORS

DOOR SIGHTLINES			
<input type="checkbox"/> NARROW	<input type="checkbox"/> MEDIUM	<input type="checkbox"/> WIDE	<input type="checkbox"/> OTHER:

DOOR PROFILE		
BOTTOM RAIL DIMENSION:		
TOP RAIL DIMENSIONS:		
MIDRAIL DIMENSION:		
MIDRAIL LOCATION – DIMENSION FROM FINISHED FLOOR:		
THRESHOLD HEIGHT:		
<input type="checkbox"/> 1" GLASS STOPS	<input type="checkbox"/> ¼" GLASS STOPS	<input type="checkbox"/> OTHER
<input type="checkbox"/> SQUARE GLASS STOPS	<input type="checkbox"/> BEVELED STOPS	<input type="checkbox"/> OTHER
<input type="checkbox"/> 1 ¾" DOOR DEPTH	<input type="checkbox"/> 2" DOOR DEPTH	<input type="checkbox"/> 2 ¼" DOOR DEPTH
<input type="checkbox"/> IF REFLECTIVE OR TINTED GLAZING AROUND THE DOOR, ARE THE DOOR LITES TO BE CLEAR?		
<input type="checkbox"/> OTHER:		

DOOR FRAMES		
<input type="checkbox"/> TUBULAR	<input type="checkbox"/> OPEN BACK	
<input type="checkbox"/> FACTORY FABRICATED IMMEDIATE DOOR FRAMES:		
<input type="checkbox"/> CUSTOM BUILT DOOR FRAMES (STD. VERTICAL MULLIONS WITH SNAP IN STOP):		
<input type="checkbox"/> SHEAR BLOCK	<input type="checkbox"/> SCREW SPLINE	
<input type="checkbox"/> EXTRUDED STOPS	<input type="checkbox"/> APPLIED DOOR STOPS	<input type="checkbox"/> INSERT DOOR STOPS
<input type="checkbox"/> NON-THERMAL	<input type="checkbox"/> THERMAL	
<input type="checkbox"/> 1 ¾" FRAMES	<input type="checkbox"/> 2" FRAMES	<input type="checkbox"/> CURTAIN WALL SUBFRAMES
<input type="checkbox"/> TRANSOM FRAMES	<input type="checkbox"/> NON-TRANSOM FRAMES	
<input type="checkbox"/> CRIPPLED DOOR FRAMES		

HARDWARE
PROVIDE APPROVED HARDWARE SCHEDULE TO LTS:



## WINDOW SYSTEMS

WINDOW SYSTEM		
<input type="checkbox"/> PROJECT IN	<input type="checkbox"/> PROJECT OUT	<input type="checkbox"/> CASEMENT
<input type="checkbox"/> HORIZONTAL SLIDING	<input type="checkbox"/> SINGLE HUNG	<input type="checkbox"/> DOUBLE HUNG
<input type="checkbox"/> VERTICAL PIVOT	<input type="checkbox"/> HORIZONTAL PIVOT	<input type="checkbox"/> FIXED
<input type="checkbox"/> CONCEALED VENT	<input type="checkbox"/> TOP HING OUT	<input type="checkbox"/> TOP HINGE IN

GLAZING METHOD	
<input type="checkbox"/> INSIDE GLAZE	<input type="checkbox"/> OUTSIDE GLAZE

ATTACHMENT METHOD		
<input type="checkbox"/> SUBSILL	<input type="checkbox"/> SET ON R.O.	<input type="checkbox"/> SHIM OFF R.O. – DIMENSION:
<input type="checkbox"/> HEAD RECEPTOR	<input type="checkbox"/> SET ON R.O.	<input type="checkbox"/> SHIM OFF R.O. – DIMENSION:
<input type="checkbox"/> JAMB RECEPTOR	<input type="checkbox"/> SET ON R.O.	<input type="checkbox"/> SHIM OFF R.O. – DIMENSION:
<input type="checkbox"/> SILL FLASHING		
<input type="checkbox"/> ALCO SILL OR SILL EXTENSION:		
<input type="checkbox"/> PANNING SYSTEM:		
<input type="checkbox"/> INTERIOR TRIM:		
<input type="checkbox"/> STRAP ANCHOR ATTACHMENT:		
<input type="checkbox"/> TWIST ANCHOR ATTACHMENT:		

INSTALLATION PROCESS	
<input type="checkbox"/> VERTICAL STACK JOINT	<input type="checkbox"/> HORIZONTAL STACK JOINT

WINDOW MULLIONS
<input type="checkbox"/> VERTICAL MULLION (PROVIDE PART NUMBER(S):
<input type="checkbox"/> HORIZONTAL MULLIONS (PROVIDE PART NUMBER(S):

GRID SYSTEMS		
<input type="checkbox"/> EXTERIOR GRIDS	<input type="checkbox"/> INTERIOR GRIDS	<input type="checkbox"/> INTERNAL GRIDS
<input type="checkbox"/> GLAZED IN GRIDS	<input type="checkbox"/> APPLIED GRIDS	
PROVIDE EXTRUSION NUMBER(S):		

SCREENS		
<input type="checkbox"/> ALUMINUM	<input type="checkbox"/> FIBERGLASS	<input type="checkbox"/> STAINLESS STEEL
<input type="checkbox"/> FIXED	<input type="checkbox"/> WICKET	<input type="checkbox"/> FULL HINGE WICKET
<input type="checkbox"/> SLIDING		
FINISH:		







**GLASS SCHEDULE**

<b>A:</b>
EXTERIOR LITE:
AIR SPACE:
INTERIOR LITE:

<b>B:</b>
EXTERIOR LITE:
AIR SPACE:
INTERIOR LITE:

<b>C:</b>
EXTERIOR LITE:
AIR SPACE:
INTERIOR LITE:

<b>D:</b>
EXTERIOR LITE:
AIR SPACE:
INTERIOR LITE:

<b>E:</b>
EXTERIOR LITE:
AIR SPACE:
INTERIOR LITE:

<b>F:</b>
EXTERIOR LITE:
AIR SPACE:
INTERIOR LITE:

<b>GLASS SPECIFIC NOTES – NOTIFY LTS IF ALTERNATE GASKETS OR FASTENERS ARE REQUIRED DUE TO GLASS THICKNESS</b>

**DESIGN CRITERIA AND DRAWING INSTRUCTIONS**

DESIGN CRITERIA
CODE/STANDARDS:
WIND SPEED:
IMPORTANCE FACTOR:
EXPOSURE CATEGORY:
BUILDING HEIGHT:
LIVE LOAD:
SEISMIC LOAD:
SNOW LOAD:
DEFLECTION:
DOD OR GSA:
IMPACT:

<input type="checkbox"/> COVER SHEET
<input type="checkbox"/> DOOR HARDWARE SHEET
<input type="checkbox"/> WINDOW HARDWARE SHEET
<input type="checkbox"/> FLOOR PLANS
<ul style="list-style-type: none"> <li>ELECTRONIC FLOOR PLANS ARE REQUIRED FOR RADIUS PLAN DIMENSIONS.</li> </ul>
<input type="checkbox"/> ELEVATION SHEETS
<input type="checkbox"/> LEVEL I – DETAIL SHEETS - GENERIC HATCH PATTERN AS THE PERIMETER CONDITION:
<input type="checkbox"/> LEVEL II – DETAIL SHEETS - COMPLETE DETAILS (PERIMETER CONDITIONS TO BE DRAWN BY LTS):
<input type="checkbox"/> LEVEL III - PERIMETER FASTENERS REQUIRED
<ul style="list-style-type: none"> <li>NOTE: IF PERIMETER FASTENERS ARE REQUIRED ADDITIONAL CHARGES APPLY</li> </ul>
<input type="checkbox"/> LEVEL IV - STRUCTURAL CALCULATIONS:
<ul style="list-style-type: none"> <li>NOTE: STRUCTURAL CALCULATIONS SHALL BE SUBMITTED ONLY AFTER RECEIPT OF APPROVED SHOP DRAWINGS.</li> </ul>

<input type="checkbox"/> ELECTRONIC FILES E-MAILED IN A PDF FORMAT
<input type="checkbox"/> REPRODUCIBLE DOCUMENTS REQUIRED / HOW MANY SETS:
<ul style="list-style-type: none"> <li>NOTE: IF REPRODUCIBLE DOCUMENTS ARE REQUIRED ADDITIONAL CHARGES APPLY</li> </ul>
<input type="checkbox"/> SHALL LTS RETURN THE CONTRACT DOCUMENTS AFTER THE FIRST SUBMITTAL DRAWINGS HAVE BEEN DELIVERED: