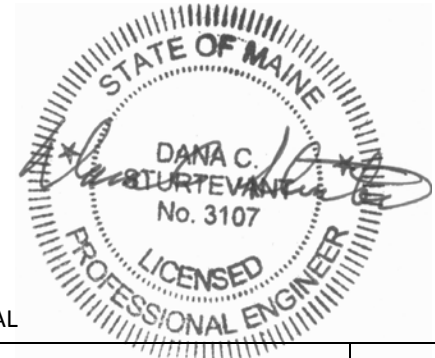


STATEMENT OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS	
THIS STATEMENT OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS IS SUBMITTED AS A CONDITION FOR BUILDING PERMIT ISSUANCE IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE. IT INCLUDES A SCHEDULE OF SPECIAL INSPECTION SERVICES APPLICABLE TO THIS PROJECT AS WELL AS THE NAME OF THE STRUCTURAL SPECIAL INSPECTION COORDINATOR AND THE IDENTITY OF THE APPROVED AGENCIES TO BE RETAINED FOR CONDUCTING THESE TESTS AND INSPECTIONS.	
PROJECT:	SAFELITE AUTOGLASS
LOCATION:	421 WARREN AVENUE, PORTLAND, ME
OWNER:	PETER HOLMES
CODE ENFORCEMENT OFFICER:	JEANIE BOURKE
DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE:	DANA C. STURTEVANT, P.E.
SEISMIC RESISTANCE:	SEISMIC DESIGN CATEGORY "C"
WIND RESISTANCE:	EXPOSURE "B" BASIC WIND SPEED 90 MPH
THE SPECIAL INSPECTION COORDINATOR SHALL KEEP RECORDS OF ALL TESTS AND INSPECTIONS AND SHALL FURNISH REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. NON COMPLIANT WORK (DEFICIENCIES) SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF DEFICIENCIES ARE NOT CORRECTED, IT SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.	
INTERIM TEST AND INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ON A MONTHLY BASIS.	
A FINAL REPORT OF STRUCTURAL TEST AND SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED TESTS, INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES DETECTED SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.	
PREPARED BY:	DANA C. STURTEVANT, P.E.
	
DESIGN PROFESSIONAL SEAL	
OWNER'S AUTHORIZATION:	BUILDING CODE OFFICIAL'S ACCEPTANCE:
SIGNATURE: <i>Dana C. Sturtevant</i> DATE: 4/21/16	SIGNATURE: DATE:
PRINT NAME: Peter Holmes	PRINT NAME: JEANIE BOURKE

QUALIFICATIONS OF INSPECTORS AND TESTING TECHNICIANS	
THE CREDENTIALS AND QUALIFICATIONS OF ALL INDIVIDUALS PERFORMING SPECIAL INSPECTION AND TESTING ACTIVITIES ARE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL AND THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.	
CREDENTIALS SHALL BE PROVIDED FOR REVIEW, APPROVAL, AND RECORD UPON REQUEST.	
THE KEY BELOW LISTS MINIMUM QUALIFICATIONS OF INSPECTIONS AGENTS, WHEN THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE DEEMS IT APPROPRIATE THAT THE INDIVIDUAL PERFORMING A STIPULATED TEST OR INSPECTION HAVE A SPECIFIC CERTIFICATION, LICENSE OR EXPERIENCE LEVEL.	
ENGINEER	
PE/SE	STRUCTURAL ENGINEER – A LICENSES SE OR PE SPECIALIZING IN THE DESIGN OF BUILDING STRUCTURES
PE/GE	GEOTECHNICAL ENGINEER – A LICENSED PE SPECIALIZING IN SOIL MECHANICS AND FOUNDATIONS
EIT	ENGINEER-IN-TRAINING – A GRADUATE ENGINEER WHO HAS PASSED THE FUNDAMENTALS OF ENGINEERING EXAMINATION
EXPERIENCED TESTING TECHNICIAN	
ETT	EXPERIENCED TESTING TECHNICIAN – AN EXPERIENCED TESTING TECHNICIAN WITH A MINIMUM 5 YEARS EXPERIENCE WITH THE STIPULATED TEST.
AMERICAN CONCRETE INSTITUTE (ACI) CERTIFICATION	
ACI-CFTT	CONCRETE FIELD TESTING TECHNICIAN – GRADE 1
ACI-CCI	CONCRETE CONSTRUCTION INSPECTOR
ACI-LTT	LABORATORY TESTING TECHNICIAN – GRADE 1 & 2
ACI-STT	STRENGTH TESTING TECHNICIAN
AMERICAN WELDING SOCIETY (AWS) CERTIFICATION	
AWS-CWI	CERTIFIED WELDING INSPECTOR
AWS/AISC-SSI	CERTIFIED STRUCTURAL STEEL INSPECTOR
AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING (ASNT) CERTIFICATION	
ASNT	AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING LEVEL III CERTIFICATION
INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION	
ICC-SMSI	STRUCTURAL MASONRY SPECIAL INSPECTOR
ICC-SWSI	STRUCTURAL STEEL AND WELDING SPECIAL INSPECTOR
ICC-RCSI	REINFORCED CONCRETE SPECIAL INSPECTOR
NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET)	
NICET-CT	CONCRETE TECHNICIAN – LEVELS I, II, III & IV
NICET-ST	SOILS TECHNICIAN – LEVELS I, II, III, & IV
NICET-GET	GEOTECHNICAL ENGINEERING TECHNICIAN – LEVELS I, II, III & IV

REINFORCED CONCRETE			
VERIFICATION AND INSPECTION TASK	FREQUENCY	AGENT	QUALIFICATION
INSPECTION OF REINFORCING STEEL INCLUDING SIZE, SPACING, COVER, LAPS. VERIFY THAT BARS ARE FREE OF FORM OIL OR OTHER DELETERIOUS MATERIALS. VERIFY THAT BARS ARE ADEQUATELY TIED AND SUPPORTED ON CHAIRS OR BOLSTERS.	PERIODIC	SHERIDAN	PE/SE, EIT
INSPECT EMBEDDED STRUCTURAL STEEL ITEMS SUCH AS COLUMN ANCHOR RODS, PRIOR TO AND DURING CONCRETE PLACEMENT, INSPECT SIZE, POSITIONING, EMBEDMENT AND CONCRETE CONSOLIDATION AROUND ANCHORS.	PERIODIC	SHERIDAN	PE/SE, EIT
INSPECT FORMWORK GEOMETRY, FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC	SHERIDAN	PE/SE, EIT
AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, VERIFY SLUMP, AIR CONTENT AND TEMPERATURE.	PERIODIC 1X – FOOTINGS 1X – WALLS 1X – SLABS	CONCRETE TESTING AGENCY	ACI-CFTT ACI-STT
REVIEW BATCH TICKETS AND VERIFY COMPLIANCE WITH APPROVED MIX DESIGN, VERIFY THAT WATER ADDED AT THE SITE DOES NOT EXCEED THAT ALLOWED BY THE MIX DESIGN.	PERIODIC 1X – FOOTINGS 1X – WALLS 1X – SLABS	CONCRETE TESTING AGENCY	ACI-CFTT ACI-STT
INSPECT CONCRETE FOR PROPER PLACEMENT TECHNIQUES, INCLUDING HOT AND COLD WEATHER CONCRETING. VERIFY THAT CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION AND CONTAMINATION AND ACHIEVES PROPER CONSOLIDATION.	PERIODIC 1X – FOOTINGS 1X – WALLS 1X – SLABS	CONCRETE TESTING AGENCY	ACI-CFTT ACI-STT
INSPECT FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	SHERIDAN	PE/SE, EIT
INSPECT THE TIMELY INSTALLATION OF SLAB CONTROL JOINTS AND LOCATION OF THICKENED SLABS.	PERIODIC	SHERIDAN	PE/SE, EIT

SOILS / EARTHWORK			
VERIFICATION AND INSPECTION TASK	FREQUENCY	AGENT	QUALIFICATION
VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY AND ARE CONSISTENT WITH THE GEOTECHNICAL REPORT (IF A GEOTECH REPORT IS AVAILABLE)	PERIODIC	SHERIDAN	PE/GE EIT, ETT
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED THE PROPER MATERIAL	PERIODIC	SHERIDAN	PE/GE EIT, ETT
PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	PERIODIC	SOILS TESTING LABORATORY	PE/GE EIT, ETT
TEST AND VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	PERIODIC	SOILS TESTING LABORATORY	PE/GE EIT, ETT
PRIOR TO PLACEMENT OF CONTROLLED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	PERIODIC	SHERIDAN	PE/GE EIT, ETT
APPROVE SUBGRADE PRIOR TO FORMING FOOTINGS, PREPARING SLABS-ON-GRADE AND PLACING CONCRETE.	PERIODIC	SHERIDAN	PE/GE EIT, ETT

STEEL CONSTRUCTION			
VERIFICATION AND INSPECTION TASK	FREQUENCY	AGENT	QUALIFICATION
VERIFY PRE-ENGINEERED BUILDING MATERIALS: INSPECT MATERIALS DELIVERED TO SITE AND VERIFY THEY CONFORM TO THE ERECTION DRAWINGS AND BUILDING MANIFEST PROVIDED BY THE MANUFACTURER.	ONCE (PRIOR TO ERECTION)	SHERIDAN	PE/SE, EIT
INSPECT STEEL FRAME FOR COMPLIANCE WITH STRUCTURAL DRAWINGS, INCLUDING BRACING, MEMBER CONFIGURATION AND CONNECTION DETAILS.	PERIODIC	SHERIDAN	PE/SE, EIT
INSPECT INSTALLATION AND TIGHTENING OF HIGH-STRENGTH BOLTS IN BEARING CONNECTIONS.	PERIODIC	SHERIDAN	AWS, AISC-SSI
VISUALLY INSPECT ALL WELDS.	PERIODIC	SHERIDAN	AWS-CWI

CONTRACTOR'S RESPONSIBILITIES
STRUCTURAL TESTS AND SPECIAL INSPECTIONS DO NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITIES AND OBLIGATIONS FOR QUALITY CONTROL OF THE WORK, SUPERVISING THE WORK, FOR DESIGN INCLUDED IN THEIR SCOPE OF SERVICES AND FOR FULL COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. FURTHERMORE, THE DETECTION OF OR THE FAILURE TO DETECT DEFICIENCIES IN THE WORK DURING TESTING AND INSPECTION CONDUCTED PURSUANT TO THIS PROGRAM SHALL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO CORRECT ALL DEFICIENCIES OR DEFECTS.
THE CONTRACTOR SHALL PROVIDE FREE AND SAFE ACCESS TO THE WORK FOR ALL INDIVIDUALS WHO ARE PERFORMING TESTS OR INSPECTIONS.
THE CONTRACTOR SHALL GIVE REASONABLE NOTICE TO THOSE PERFORMING INSPECTIONS AND TESTS OF WHEN THE VARIOUS PARTS OF THE WORK WILL BE READY FOR TESTING AND INSPECTION. THE CONTRACTOR WILL COORDINATE WITH THE INSPECTION COORDINATOR REGARDING WHAT IS REASONABLE NOTICE FOR VARIOUS ASPECTS OF THE WORK, WHO IS TO BE NOTIFIED, AND HOW.

SCHEDULE OF TESTING AND INSPECTION AGENCIES		
SPECIAL INSPECTION AGENCY	FIRM	ADDRESS, TELEPHONE
SPECIAL INSPECTION COORDINATOR	SHERIDAN CORPORATION	PO BOX 3599, 33 SHERIDAN DRIVE FAIRFIELD, ME 04937 P: (207) 453-9311 F: (207) 453-2820
BUILDING INSPECTOR	CITY OF PORTLAND	389 CONGRESS STREET PORTLAND, ME 04101 P: (207) 874-8703
CONCRETE TESTING LABORATORY SOILS TESTING LABORATORY	TO BE DETERMINED (SUBCONTRACTED BY SHERIDAN)	

NOTE: UNLESS NOTED OTHERWISE, THE INSPECTORS AND TESTING AGENCIES SHALL BE ENGAGED BY THE OWNER, AND NOT BE THE CONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO THE BUILDING OFFICIAL PRIOR TO COMMENCING WORK.

DATE	REVISION	DRAWING STATUS	ENGINEERING DESIGNS FOR	JOB NO.
			EST. NO	16-1003
			SIZE	ENGINEERING
			TYPE	DWG. NO.
			DRAWN BY RAJP	SPI
			REVIEWED BY DS	
			SCALE AS NOTED	
			DATE 04/22/2016	
			TITLE	
			Special Inspections	
			DESIGN BUILDER	

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STATE OF MAINE
DANA C. STURTEVANT
No. 3107
LICENSED PROFESSIONAL ENGINEER

Sheridan
www.sheridancorp.com
FAIRFIELD PORTLAND MAINE

04-22-2016