

SHED COMPLIES WITH 2014 BUILDING CODE AND BSA 351-74-SM

1. 'PROJECT INFORMATION SIGN' POSTED AT LEAST 3 FT. AND NOT MORE THAN 6 FT. FROM THE LEFT EDGE OF THE SIDEWALK SHED PARAPET AS REQUIRED BY LL47/2013.

2. SIDEWALK SHED PARAPET SIGN PANELS MUST BE CONSTRUCTED OF DURABLE, WEATHERPROOF AND FLAME RETARDANT MATERIAL IN ACCORDANCE WITH NFPA 701 OR LISTED UNDER UL 214.

3. SIDEWALK SHED PARAPET SHALL BE PAINTED IN ACCORDANCE WITH THE COLOR REQUIREMENTS OF LL47/2013.

3301.10 OBSCURED LAWFUL SIGNS. WHEN A PROTECTIVE STRUCTURE IS CONSTRUCTED IN ACCORDANCE WITH SECTION 3307, A TEMPORARY SIGN MAY BE POSTED ON SUCH PROTECTIVE STRUCTURE WHEN THE STRUCTURE IS ADJACENT TO ANY BUILDING AND OBSCURES FROM VIEW A LAWFUL AND EXISTING SIGN. THE TEMPORARY SIGN SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

1. THE TEMPORARY SIGN SHALL BE SECURELY FASTENED TO THE FACE OF THE PROTECTIVE STRUCTURE AT A LOCATION DIRECTLY IN FRONT OF SUCH BUSINESS STOREFRONT;
2. NO PROJECTING TEMPORARY SIGNS SHALL BE PERMITTED, AND ALL TEMPORARY SIGNS SHALL BE LIMITED TO A MAXIMUM HEIGHT OF 4 FEET (1219 MM), AND WHEN AFFIXED TO A SIDEWALK SHED SHALL NOT PROJECT ABOVE THE PARAPET;
3. NO TEMPORARY SIGNS SHALL BE PERMITTED ON THE ENDS OF ANY PROTECTIVE STRUCTURE, UNLESS THE LAWFUL AND EXISTING SIGN WOULD OTHERWISE BE OBSCURED FROM VIEW BY A DECK OR PARAPET OF A SIDEWALK SHED OR BRIDGE;
4. NO TEMPORARY SIGN SHALL PROJECT BELOW THE DECK OF ANY SIDEWALK SHED.

3307.1.1 SIGNS. OTHER THAN AS SPECIFIED IN SECTION 3301.10, THERE SHALL BE NO INFORMATION, PICTORIAL REPRESENTATION, OR ANY BUSINESS OR ADVERTISING MESSAGES POSTED ON A SIDEWALK SHED, BRIDGE, FENCE, OR OTHER STRUCTURE LISTED IN THIS SECTION THAT IS ERCTED AT THE CONSTRUCTION OR DEMOLITION SITE. WHERE A PROTECTIVE STRUCTURE REQUIRED BY THIS SECTION OBSCURES FROM VIEW A LAWFUL EXISTING SIGN, A TEMPORARY SIGN MAY BE INSTALLED IN ACCORDANCE WITH SECTION 3301.10. NO ILLUMINATED SIGNS SHALL BE PERMITTED ON ANY PROTECTIVE STRUCTURE REQUIRED BY THIS SECTION.

3307.6.2 AREAS TO BE PROTECTED SIDEWALK SHEDS SHALL EXTEND 5 FEET (1524 MM) PAST THE BUILDING WHEN THE BUILDING IS LESS THAN 100 FEET (30 480 MM) IN HEIGHT, AND 20 FEET (6096 MM) PAST THE BUILDING WHEN THE BUILDING IS OVER 100 FEET (30 480 MM) IN HEIGHT, REGARDLESS OF WHETHER SUCH EXTENSIONS ARE IN FRONT OF THE PROPERTY BEING DEVELOPED OR IN FRONT OF ADJACENT PROPERTY. EXTENSIONS OF SIDEWALK SHEDS COMPLYING WITH THE FOREGOING SHALL BE CONSTRUCTED SO AS NOT TO UNREASONABLY OBSTRUCT, EITHER VISUALLY OR PHYSICALLY, ENTRANCES, EGRESS, DRIVEWAYS, AND SHOW WINDOWS OF ADJACENT PROPERTIES.

SHED IN COMPLIANCE WITH BC 3307.6.4

3307.6.5 USE AND MAINTENANCE OF SIDEWALK SHEDS.THE USE OF SIDEWALK SHED SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. MATERIAL AND DEBRIS SHALL NOT BE STORED ON SIDEWALK SHED UNLESS THE SHED HAS BEEN SO DESIGNED FOR STORAGE IN ACCORDANCE WITH RULES PROMULGATED BY THE COMMISSIONER.
2. THE UNDERSIDE OF SIDEWALK SHED SHALL BE LIGHTED ALL TIMES EITHER BY NATURAL OR ARTIFICIAL LIGHT.THE LEVEL OF ILLUMINATION SHALL BE THE EQUIVALENT OF THAT PRODUCED BY 200 WATT,3400 LUMEN MINIMUM,STANDART INCANDESCENT LAMPS ENCLOSED IN VANDAL-PROOF FIXTURES AND SPACED 15 FEET (4572 MM) APART AND 8 FEET(2438 MM) ABOVE THE FLOOR LEVEL.ARTIFICIAL LIGHTING UNITS SHALL BE INSPECTED NIGHTLY;AND BURNED OUT OR INOPERATIVE UNITS SHALL BE REPLACED OR REPAIRED IMMEDIATELY.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE EXEMPT FROM THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE BECAUSE IT IS TEMPORARY CONSTRUCTION EQUIPMENT OUTSIDE THE STRUCTURE ENVELOPE AND AS PER CHAPTER 1 SECTION 101.5.2.1
SIDEWALK SHED INSTALLATION COMPLIES WITH ALL RELEVANT REQUIREMENTS OF CHAPTER 33,SECTION 3307 OF THE 2008 NYC BUILDING CODE AND TPPN #9/99.

TENANT SAFETY NOTES

- 1.CONSTRUCTION WORK WILL BE CONFINED TO THE NORMAL WORKING HOURS 8AM TO 5 PM, MONDAY TO FRIDAY.
- 2.CONSTRUCTION WORK WILL NOT BLOCK HALLWAYS OR EGRESS FOR TENANTS OF THE BUILDING.
- 3.CONSTRUCTION WORK WILL NOT INTERRUPT HEATING OR ELECTRIC, OR WATER SERVICE TO TENANTS OF BUILDING.

LANDMARK NOTES

1.THE SHED WILL NOT BE ATTACHED TO THE BUILDING. THIS APPLICATION IS FOR ERECTION OF SHED ONLY AND NOT FOR ANY WORK THAT WILL REQUIRE AN ALTERATION OR FACADE REPAIR PERMIT.

GENERAL NOTES

1. SHED SHALL COMPLY WITH 2008 B.C.,LL33/91 AND B.S.A. No.351-74-SM
2. HEAVY DUTY LOADING TYPE (300 LB PER SQ. FT CAPACITY)
3. INSTALL LIGHTING FIXTURES 15' APART AS PER SECTION 3307.6.5.
4. TEMPORARY SHED LIGHTING WILL BE FILED WITH THE BUREAU OF ELECTRICAL CONTROL.
5. INSTALLATION OF SHED OR SCAFFOLD SHALL NOT BLOCK OR INTERFERE WITH THE OPERATION OF CITY' S TRAFFIC OR SIGNAL POLES. SIGNALS, LIGHTS, AND SIGNS MUST BE VISIBLE AND UNOBSTRUCTED AS PER SECTION 2-05 OF DOT RULES.

FURNISHED BY BUILDING CONTRACTOR, OWNER, BUILDING AGENT

1. CONTROL OF LOADING STORAGE MATERIALS ON BRIDGE DECK.
2. PROTECTION OF AREA BETWEEN BRIDGE AND BUILDING LINE AND BETWEEN BRIDGE AND CURB.
3. IF FIELD SITUATION REQUIRE SIGNIFICANT DEVIATION FROM PROPOSED DIMENSIONS DETAILED ON DRAWING, THE BEAM SECTION USED SHALL COMPLY WITH BSA-351-74-SM AND FINAL COLUMN SPAN OR AS DETERMINED PER NYC BUILDING CODE, MINIMUM COLUMN SPACING SHALL BE 5 FEET.MINIMUM COLUMN HEIGHT SHALL BE 8 FEET. MAXIMUM BEAM OVERHANG SHALL BE 4 FEET.UNLESS SPECIFIED OTHERWISE.
4. RELOCATION OF PARKING SIGNS, TRAFFIC LIGHTS, TRAFFIC SIGNALS, HYDRANTS, ETC.
5. MAINTENANCE OF ENTIRE STRUCTURE.
6. SIGN INSTALLATIONS.
7. PROFESSIONAL NOTE: ARCHITECT/ENGINEER IS RESPONSIBLE FOR THE DESIGN OF SIDEWALK SHED AND NOT FOR INSTALLATION OR USE.THE ARCHITECT/ENGINEER SHALL BE AVAILABLE FOR INSPECTION UPON REQUEST BY THE CONTRACTOR AND SHALL ISSUE A REPORT FOLLOWING EACH INSPECTION.A MINIMUM OF 72 HOURS NOTICE IS REQUIRED PRIOR TO SCHEDULING ANY INSPECTION.

SHED NOTES

1. SIDEWALK BRIDGE SHALL BE IN FULL COMPLIANCE WITH TPPN #9/99, BSA NO. 351-74-SM AND LL 33-91
2. SIDEWALK BRIDGE COMPLIES WITH ALL REQUIREMENTS OF LOCAL LAW 51/2010 REGARDING TEMPORARY WALKWAY WIDTH (BC 3307.2.1.1), WALKWAY LIGHTING (BC 3307.2.1.2), WALKWAY SLOPE (BC 3307.2.3), HANDRAILS (BC 3307.2.4), AND SIDEWALK SHED LIGHTING (BC 3307.6.5.2).
3. SIDEWALK SHED INSTALLATION COMPLIES WITH THE FOLLOWING SECTIONS OF THE NYC BUILDING CODE CHAPTER 33,
 - a. SECTION 3307.6 PERMITTED, DESIGN LOADING
 - b. SECTION 3307.6.2 AREAS TO BE PROTECTED
 - c. SECTION 3307.6.3 DESIGNED BY ENGINEER OR BSA APPROVED DESIGN
 - d. SECTION 3307.6.4 SIDEWALK SHED CONSTRUCTION DETAILS
 - e. SECTION 3307.6.5.1 STORAGE ON SHED
 - f. SECTION 3307.6.5.2 LIGHTING
 - g. SECTION 3307.6.5.1
4. SIDEWALK SHEDS SHALL EXTEND 5 FEET PAST THE BUILDING SINCE THE BUILDING IS LESS THAN 100 FEET IN HEIGHT.
5. ELECTRICAL LIGHTING INSTALLATION ON SIDEWALK SHED COMPLIES WITH THE 2011 NYC ELECTRICAL CODE AND IS INSTALLED BY A NYC LICENSED ELECTRICIAN.
6. ELECTRICAL PERMIT FOR THE SHED LIGHTING IS # _____ ISSUED ON _____
7. SIDEWALK SHED SHALL BE INSPECTED DAILY INCLUDING ELECTRICAL LIGHTING. ALL INOPERABLE LIGHTS MUST BE REPAIRED AND REPLACED.
8. SPECIAL INSPECTIONS BY PROFESSIONAL ENGINEER ARE:
 - a. PROGRESS INSPECTIONS ITEMS BY PROFESSIONAL ENGINEER ARE: FINAL PER CODE/SECTION 28-116.2.4.2.AND BC 109.5 AND DIRECTIVE 14 OF 1975
9. APPLICANT:

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THIS APPLICATION IS EXEMPT FROM THE NYCECC BECAUSE OF WORK TYPE EQ IS NOT REGULATED PER CHAPTER 1 SEC. 101.3

SHED IS DESIGNED TO CAPACITY OF 300 PSF,

MAIN BEAM CODE.

AS PER BSA 351-74-SM, AND CONSIDERING ADDITIONAL LOAD OF PIPE SCAFFOLD ABOVE,USE THE FOLLOWING MAIN BEAMS BASED ON REQUIRED SPAN BETWEEN COLUMNS:

LOAD CONSIDERED FOR ABOVE SPANS:

DISTRIBUTED LOAD (W) IS 300 PSF, OR 2400#/LF (COLUMNS @8' OC POINT LOAD (P) ARE 1500#/OUTER LEG OF SCAFFOLD OCCURRING AT 5' FROM INNER COLUMN.

JUNIOR BEAM SPECIFICATIONS:

AS PER BSA 351-74-SM, USE 417.7 @ 2' ON CENTER TO SUPPORT 300PSF LOAD CONFIRMING:

WLOAD=300PSF X 2' =600PLF ON JUNIOR BEAMS:

MW=0.60 X8 X8 / 8 = 4.8 K-FT;SREG = M/FB =4.8 X 12/23.8 = 2.5, OK TO USE 417.7 @ 2' ON CENTER FOR 300 PSF LOAD (S=3.04>2.4)

THIS CONSERVATIVE REVIEW CONSIDERS INNER PIPE SCAFFOLD LEG AT CENTER OF 417.7 SPAN:

USE 2 ADDITIONAL OSHA CERTIFIED PLANK DIRECTLY BELOW ALL PIPE SCAFFOLD FRAME LEGS.

MAIN BEAM SPECIFICATIONS: WITHOUT PIPE SCAFFOLD ABOVE:
WITH PIPE SCAFFOLD ABOVE: (AS PER BSA)

(MODIFIED BSA DUE TO SCAFFOLD SPAN: 4'-6', USE BEAM I 6x12.5 LOADS) SPAN: 6'-9', USE BEAM W 8x13

SPAN: 4'-6', USE BEAM I 6x12.5 SPAN: 9'-12', USE BEAM W 10x15
SPAN: 6'-8', USE BEAM I 8x18.4

SPAN: 8'-11', USE BEAM I10x25.4

NYCHA SPECIFICATION:

SPAN: 4'-6', USE BEAM I 6x12.5

SPAN: 6'-9', USE BEAM W 8x13

SPAN: 9'-12', USE BEAM W 10x15

ELECTRICAL FIXTURE TABLE

FIXTURE TYPE	FLUORESCENT FIXTURE 2 LIGHTS 4 FEET	STANDARD FIXTURE RAB VAPOR PROOF
MODEL TYPE	VAPOR PROOF	MODEL VX100DG OR MODEL VX200DG
BULB TYPE	T8	100 W INCANDESCENT OR EQUIV. 26 W COMPACT FLUORESCENT
LUMENS	5800	1800
SPACING	15' O.C.	15' O.C.

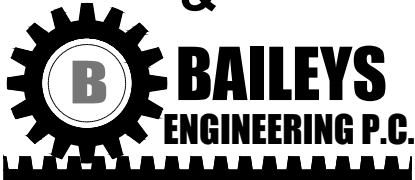
ALL POWER TO THE ELECTRICAL SHED INSTALLATION IS GROUNDED FAULT INTERRUPTION (GFI) PROTECTED (AS PER NEC NYC AMENDED SECTION 590.6)

A. THE INSTALLATION IS PROPERLY GROUNDED AND BONDED (AS PER NEC ARTICLE 250)

B. ALL RACEWAYS ARE TERMINATED AND SUPPORTED PROPERLY (AS PER NEC ARTICLE 300)

C. PVC CONDUIT IN ACCORDANCE WITH BEC (AS PER NEC ARTICLE 300)

Architect/Engineer



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Client

**ARSENAL
SCAFFOLD, INC.**

Rev. # Date Description

Project Address

**293 HENRY STREET
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Project Scope

SIDEWALK SHED

Drawing Title

GENERAL NOTES



NYC DOB APPROVAL STAMP

ENGINEER/ARCHITECT SEAL

Drawn By: M.S.

Checked By: P.B.

Date:11/25/2015

Scale: As Shown

Drawing No.

G-001.00

Sheet Number

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