SPECIAL INSPECTIONS/TESTING/REQUIRED SUBMITTALS

STATEMENT OF SPECIAL INSPECTIONS

THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE "SPECIAL INSPECTIONS" DURING CONSTRUCTION. THE "SPECIAL INSPECTIONS" REQUIRED ARE SUMMARIZED BELOW.

THE SPECIAL INSPECTION AGENCY SHALL SUBMIT A SCOPE OF SERVICES FOR APPROVAL PRIOR TO COMMENCING CONSTRUCTION. NO CONSTRUCTION SHALL COMMENCE ON THE STRUCTURE UNTIL THIS DOCUMENT HAS BEEN APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD. IN ADDITION, THE SPECIAL INSPECTION AGENCY SHALL SUBMIT QUALIFICATIONS OF EACH SPECIAL INSPECTOR THAT WILL BE PERFORMING THE WORK. THE SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS TO THE STRUCTURAL ENGINEER OF RECORD DURING CONSTRUCTION FOR VERIFICATION, INCLUDING A FINAL REPORT.

THE SPECIAL INSPECTOR SHALL USE THE LATEST ISSUE OF THE STRUCTURAL RECORD DRAWINGS FOR THE INSPECTION OF THE STRUCTURE. DO NOT USE THE SHOP DRAWINGS FOR INSPECTION PURPOSES.

TABLE 1704.3 REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE	YES	NO	N.A.
1. Material verification of high-strength bolts, nuts, and washers:							
a. Identification markings to conform to ASTM standards specified in the approved contract documents.	-	X	ASTM, AISC 360, Section A3.3		X		
b. Manufacturer's certificate of compliance required.	-	X	-		X		
2. Inspection of high-strength bolting:							
a. Bearing-type connections.	-	X	AISC 360, Section M2.5	1704.3.3	X		
b. Slip Critical Connections.	X	X	AISC 360, Section M2.5	1704.3.3			X
3. Material verification of structural steel:							
a. Identification markings to conform to ASTM standards specified in the approved contract documents.	-	-	ASTM A 6 or ASTM A 568	1708.4	X		
b. Manufacturers' certified mill test reports.	-	-	ASTM A 6 or ASTM A 568	1708.4	X		
4. Material verification of weld filler materials:							
a. Identification markings to conform to AWS standards specified in the approved contract documents.	-	-	AISC 360, Section M2.5		X		
b. Manufacturer's certificate of compliance required.	-	-	-		X		
5. Inspection of welding: a: Structural Steel							
1) Complete and partial penetration groove welds.	X	-	AWS D1.1	1704.3.1			X
2) Muti-pass fillet welds	X	-	AWS D1.1	1704.3.1			X
3) Single pass fillet welds > 5/16"	X	-	AWS D1.1	1704.3.1			X
4) Single pass fillet welds <= 5/16"	-	-	AWS D1.1	1704.3.1	X		
5) Floor and roof deck welds	-	X	AWS D1.3				X

REQUIRED STRUCTURAL SUBMITTALS

1. THE REVIEW OF THE FOLLOWING SUBMITTALS IS INCLUDED IN THE STRUCTURAL ENGINEER OF RECORD'S (SEOR) SCOPE OF SERVICES. THE GENERAL CONTRACTOR SHALL PROVIDE THE ITEMS BELOW TO THE SEOR FOR REVIEW PRIOR TO CONSTRUCTION.
2. SHOP DRAWINGS SHALL BE ORIGINALS AND SHALL NOT BE CREATED FROM REPRODUCTIONS OF THE STRUCTURAL DRAWINGS. REPRODUCING THE STRUCTURAL DRAWINGS WITHOUT PRIOR WRITTEN CONSENT OF THE ENGINEER IS A VIOLATION OF COPYRIGHT LAWS.
3. SHOP DRAWING PACKAGES MUST BE COMPLETE WHEN SUBMITTED AND MUST INCLUDE CERTIFIED CALCULATIONS IF REQUIRED. INCOMPLETE SHOP DRAWING PACKAGES WILL BE REJECTED WITHOUT REVIEW.
4. PRIOR TO SUBMITTING SHOP DRAWINGS TO SEOR, THE SHOP DRAWINGS MUST BE REVIEWED AND COORDINATED BY THE GENERAL CONTRACTOR.
5. AN ELECTRONIC VERSION IN PDF FORMAT OF ALL REQUIRED SHOP DRAWINGS AND CALCULATIONS MUST BE SUBMIITED BY THE SUPPLIER AND A MINIMUM OF 10 BUSINESS DAYS MUST BE PROVIDED FOR REVIEW BY THE STRUCTURAL ENGINEER OF RECORD.

TABLE 1. LIST OF REQUIRED STRUCTURAL SUBMITTALS

1. Structural Steel		

ENGINEER/SEAL:

Date: 09/22/14

STATE OF MAINE
PAUL E STOLE
10481
LICENSED
PROFESSIONAL ENGINEER

NewStudioArchitecture
4431 Lake Avenue South
White Bear Lake, MN 55110

p: 651.207.5527
f: 651.207.8247

NSA PROJECT NUMBER: 2013-99

ANTHROPOLOGIE

60 Pearl Street
Portland, ME 04101

STRUCTURAL ENGINEER:

AST
Advanced Structural Technologies

7212 Metro Blvd
Edina, MN 55439
(952) 854-9302 tel
(952) 854-9690 fax
www.astmn.com

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DRAWN BY: AJM CHECKED BY: DCB

AST PROJECT NUMBER: ME 1001

PROJECT PHASE: CD

ISSUE / DATE:

100% CHECK SET	07-11-2014
BID/PERMIT	08-01-2014

REVISION :

SHEET TITLE :
SPECIAL INSPECTIONS/ TESTING/ REQUIRED SUBMITTALS

SHEET NO :
S002