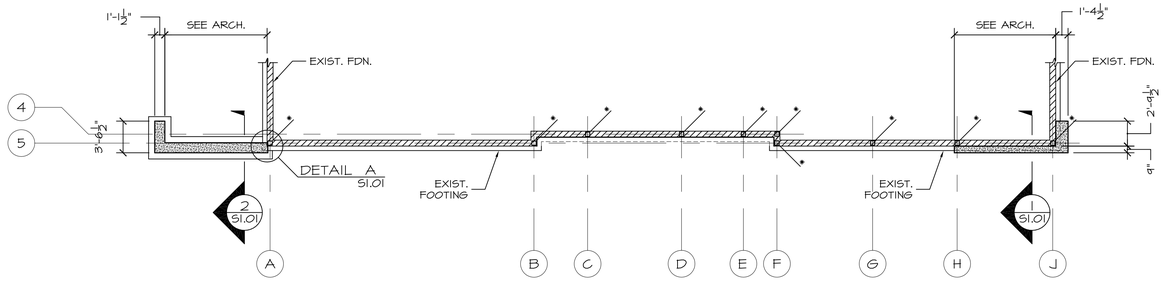
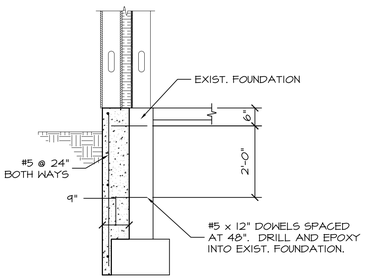


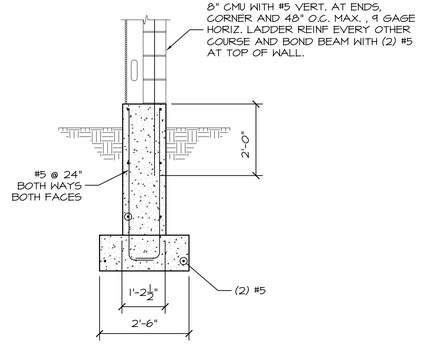
FOUNDATION PLAN
1/8"=1'-0"

* DESIGNATES EXISTING STEEL COLUMN

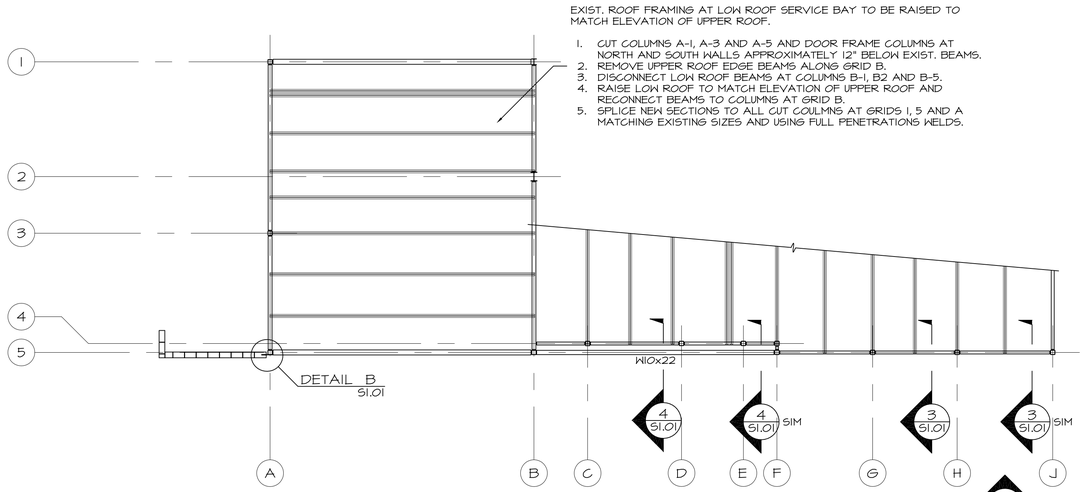


SECTION 1
1/2"=1'-0" S1.01

THOROUGHLY CLEAN OUTSIDE
FACE OF EXIST. FOUNDATION WALL
BEFORE PLACING NEW CONCRETE.

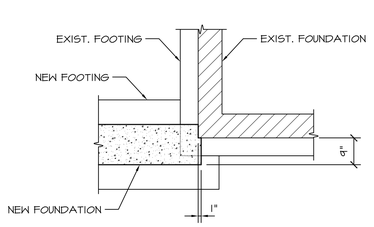


SECTION 2
1/2"=1'-0" S1.01



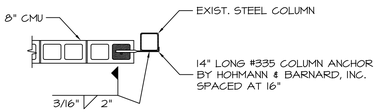
ROOF FRAMING PLAN
1/8"=1'-0"

ALL ROOF FRAMING IS EXISTING EXCEPT WHERE NOTED.
SEE SECTIONS AND ELEVATION FOR ALL GLAZING LATERAL SUPPORT FRAMING.



DETAIL A
1/2"=1'-0" S1.01

MATCH TOP OF EXIST.
FOUNDATION AND EXIST.
FOOTING ELEVATIONS.



DETAIL B
1/2"=1'-0" S1.01

GENERAL NOTES

ALL DIMENSIONS, ELEVATIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. THE CONTRACTOR SHALL DETERMINE ALL NECESSARY DIMENSIONS, ELEVATIONS AND CONDITIONS REQUIRED FOR THE FABRICATION AND ERECTION OF THE BUILDING'S COMPONENTS.

IT IS SOLELY THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DETERMINE DEMOLITION AND ERECTION/LIFTING PROCEDURES AND SEQUENCING TO ENSURE THE SAFETY OF THE BUILDING AND IT'S COMPONENTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, TEMPORARY BRACING, GUYS AND/OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE GENERAL CONTRACTOR AFTER COMPLETION OF THE BUILDING.

SECTIONS AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL AND USED IN SIMILAR CONDITIONS.

THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

DESIGN CRITERIA

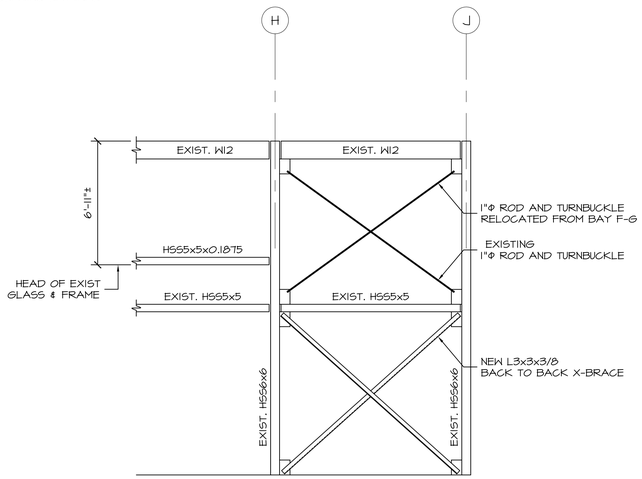
BUILDING CODE: 2009 INTERNATIONAL BUILDING CODE

DESIGN LOADS:

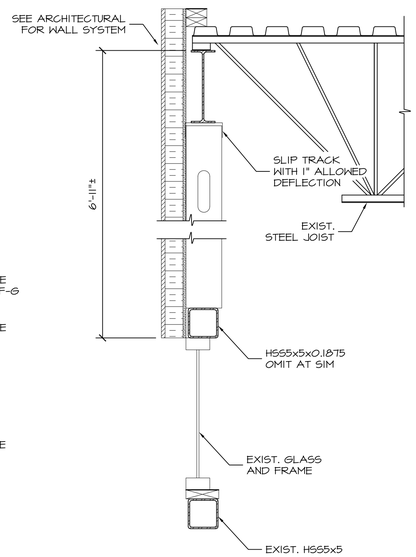
SNOW LOAD	
GROUND SNOW LOAD, Pg	60 PSF
SNOW EXPOSURE FACTOR, Ce	1.0
SNOW LOAD IMPORTANCE FACTOR, Is	1.0
THERMAL FACTOR, Ct	1.0
FLAT ROOF SNOW LOAD, Pf	42 PSF
WIND LOAD	
BASIC WIND SPEED (3 SEC GUST), V3s	100 MPH
WIND IMPORTANCE FACTOR, Iw	1.0
BUILDING CATEGORY	II
EXPOSURE CATEGORY	B
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT, I	1.0

MATERIALS

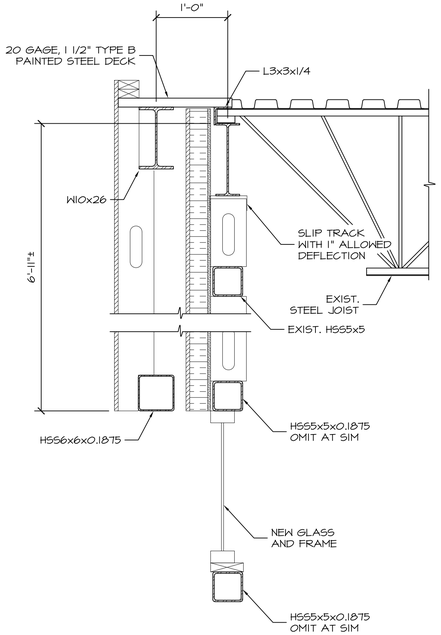
CONCRETE	F'c = 3500 PSI
REINFORCING	ASTM A-615
WIDE FLANGE SHAPES	ASTM A-992
ANGLES AND PLATES	ASTM A-36
HIGH-STRENGTH BOLTS	ASTM A-325



ELEVATION E
1/4"=1'-0" S1.01



SECTION 3
1"=1'-0" S1.01



SECTION 4
1"=1'-0" S1.01

Architect:
ARCHETYPE Architects
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Consulting Engineer:
STRUCTURAL DESIGN CONSULTING
22 Oakmont Drive
Old Orchard Beach, ME
04064-4121
Tel 207.934.8038
Fax 207.934.8039

STATE OF MAINE
DAVID
TETREAULT
4840
REGISTERED PROFESSIONAL ENGINEER

Prepared For:
QUIRK

Project:
FIAT SHOWROOM
1000 BRIGHTON AVENUE
PORTLAND, ME

Revisions:	
General Revisions	01/26/11

Scale: As Noted

Date: 10 JAN 2011

STRUCTURAL PLANS, DETAILS AND NOTES

S1.01