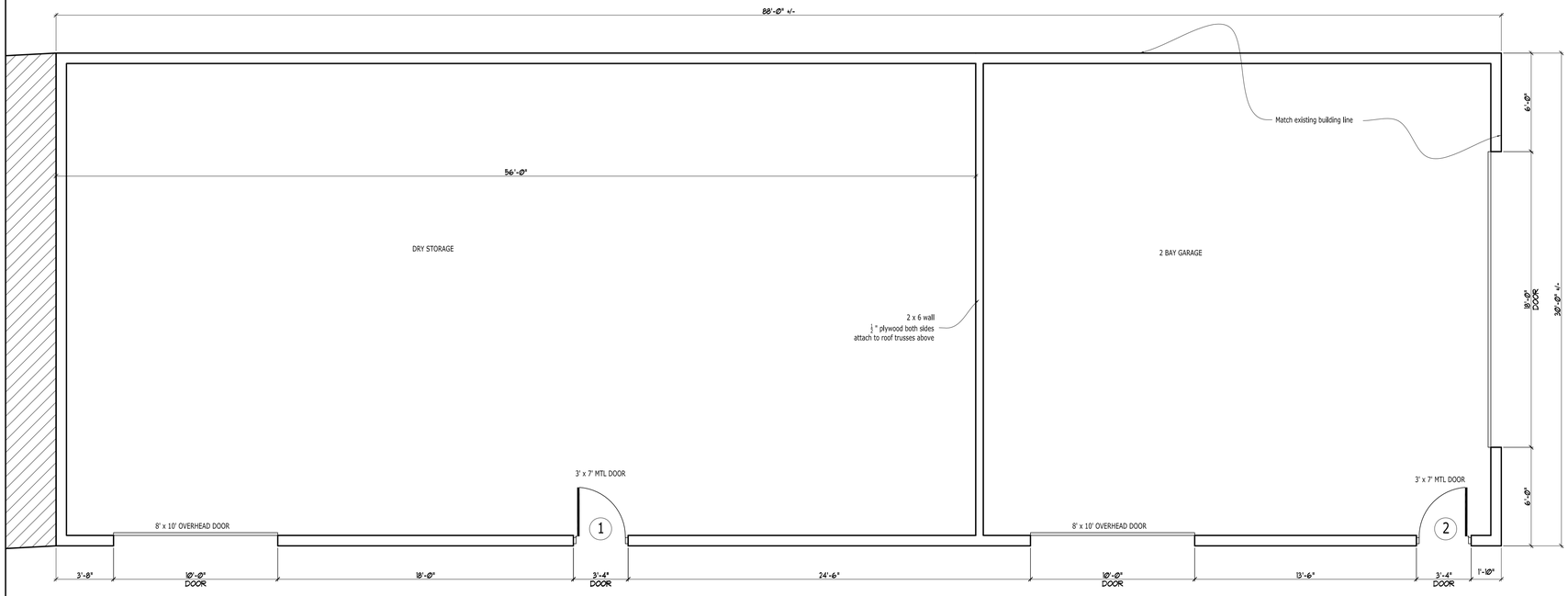
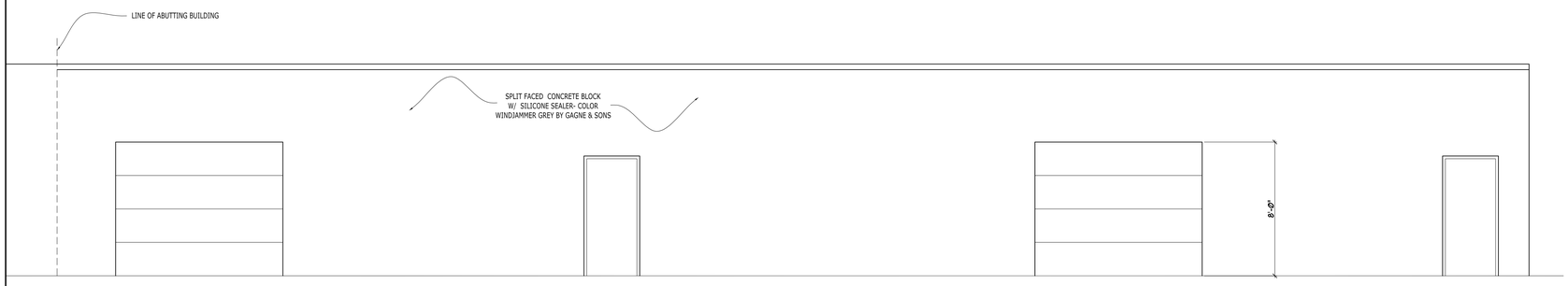
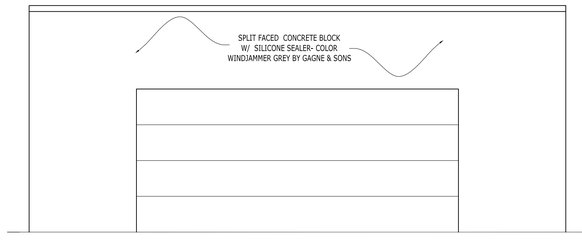


1 | PLAN
SCALE: 1/4"=1'-0"

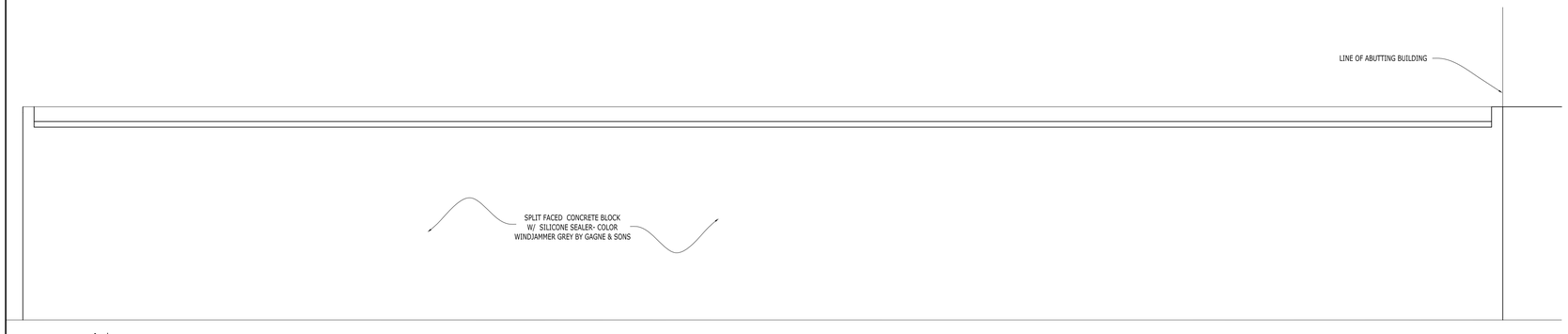
KENNEBEC STREET



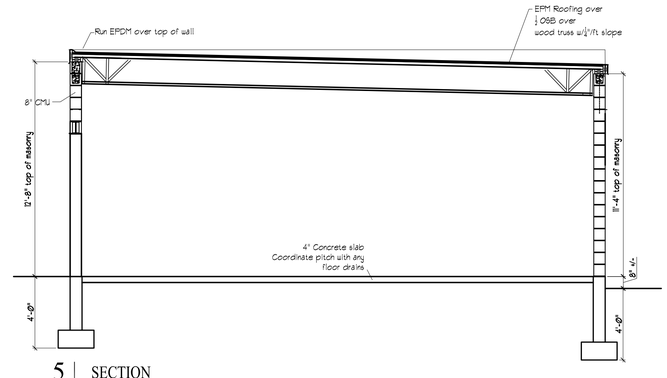
2 | FRONT ELEVATION
SCALE: 1/4"=1'-0"



3 | SIDE ELEVATION
SCALE: 1/4"=1'-0"



4 | BACK ELEVATION
SCALE: 1/4"=1'-0"



5 | SECTION
SCALE: 1/4"=1'-0"

REGISTERED ARCHITECT
WILLIAM KENNETH HOPKINS
No. 1050
STATE OF MAINE

Prepared For:
BAYSIDE VENTURES II
50 PORTLAND PIER
PORTLAND, MAINE

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Project:
202 KENNEBEC STREET
STORAGE BUILDING
PORTLAND, MAINE

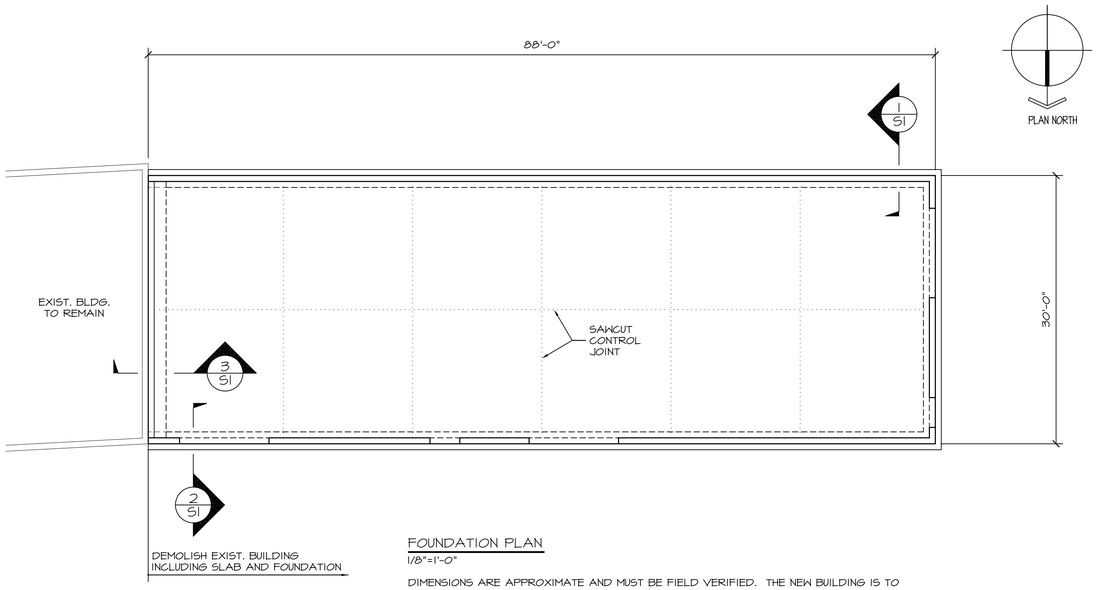
Revisions:
Issued for Building Permit: 04/04/2011

Scale: 1/4" = 1'-0"

Date: 04 April 2011

FIRST FLOOR PLAN

A1



FOUNDATION PLAN

1/8"=1'-0"

DIMENSIONS ARE APPROXIMATE AND MUST BE FIELD VERIFIED. THE NEW BUILDING IS TO BE CONSTRUCTED FOLLOWING THE PERIMETER OF THE EXISTING BUILDING.

TOP OF CONCRETE WALL EL. TO MATCH TOP OF EXIST. SLAB

BOTTOM OF FOOTING EL = 4'-0" BELOW EXTERIOR GRADE

SLAB-ON-GRADE IS 5" THICK WITH 6x6-W2.9xW2.9 WWF KOCATED 1 1/2" FROM THE TOP BEARING ON A 10 MIL POLY VAPOR BARRIER OVERLYING 8" OF COMPACTED STRUCTURAL FILL.

FOOTINGS ARE PROPORTIONED FOR A PRESUMPTIVE BESARING CSPSCITY OF 2000 PSF.

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 PRIOR TO THE SUBMISSION OF SHOP DRAWINGS. ALL SHOP DRAWINGS SHALL ACCURATELY REFLECT THE GENERAL CONTRACTOR'S VERIFICATION OF FIELD CONDITIONS.

SHOP DRAWINGS SHALL BE ORIGINAL DRAWINGS PREPARED BY THE GENERAL CONTRACTOR OR A SUBCONTRACTOR. REPRODUCTION OF ANY STRUCTURAL DRAWING FOR USE AS A SHOP DRAWING IS NOT ACCEPTABLE.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS SOLELY THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCING TO ENSURE THE THE SAFETY OF THE BUILDING AND IT'S COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, 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.

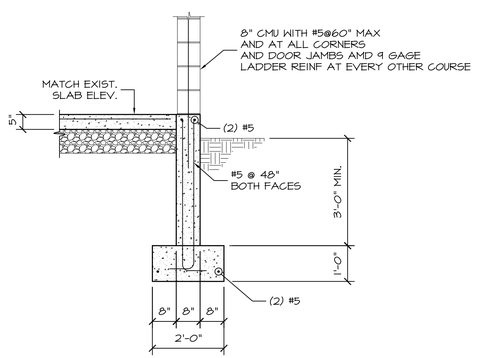
THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

DESIGN CRITERIA

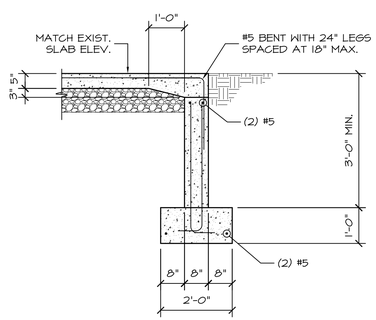
BUILDING CODE: 2009 INTERNATIONAL BUIULDING CODE

DESIGN LOADS:

SNOW LOAD	
GROUND SNOW LOAD, Pg	50 PSF
SNOW EXPOSURE FACTOR, Ce	1.1
SNOW LOAD IMPORTANCE FACTOR, Is	0.8
THERMAL FACTOR, Ct	1.0
FLAT ROOF SNOW LOAD, Pf	31 PSF
WIND LOAD	
BASIC WIND SPEED (3 SEC GUST), V3s	100 MPH
WIND IMPORTANCE FACTOR, Iw	0.87
BUILDING CATEGORY	I
EXPOSURE CATEGORY	B
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT,	1.0
EARTHQUAKE DESIGN DATA	
SEISMIC IMPORTANCE FACTOR, Ie	1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
0.2 SEC PERIOD, Ss	0.375
1 SEC PERIOD, S1	0.10
SITE CLASS	C
SPECTRAL RESPONSE COEFFICIENTS	
0.2 PERIOD 5% DAMPED, Sds	0.30
1 SEC PERIOD 5% DAMPED, Sd1	0.11
SEISMIC DESIGN CATEGORY	B
BASIC SEISMIC FORCE RESISTING SYSTEM	ORDINARY PLAIN MASONRY SHEAR WALLS
DESIGN BASE SHEAR	87 KIPS
RESPONSE MODIFICATION COEFFICIENT, R	1.5
SYSTEM OVERSTRENGTH FACTOR, 90	2.5
ANALYSIS PROCEDURE	SIMPLIFIED (ASCE 7-05 SECTION 12.14

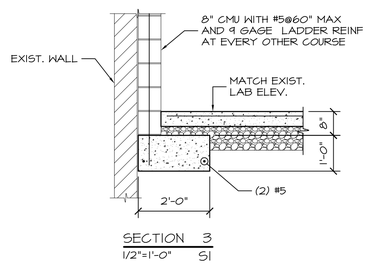


SECTION 1
1/2"=1'-0" S1



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

TYPICAL AT DOORS.
SEE ARCHITECTURAL DRAWINGS
FOR LOCATIONS.



SECTION 3
1/2"=1'-0" S1

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Prepared For:
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Project:
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STORAGE BUILDING
PORTLAND, MAINE

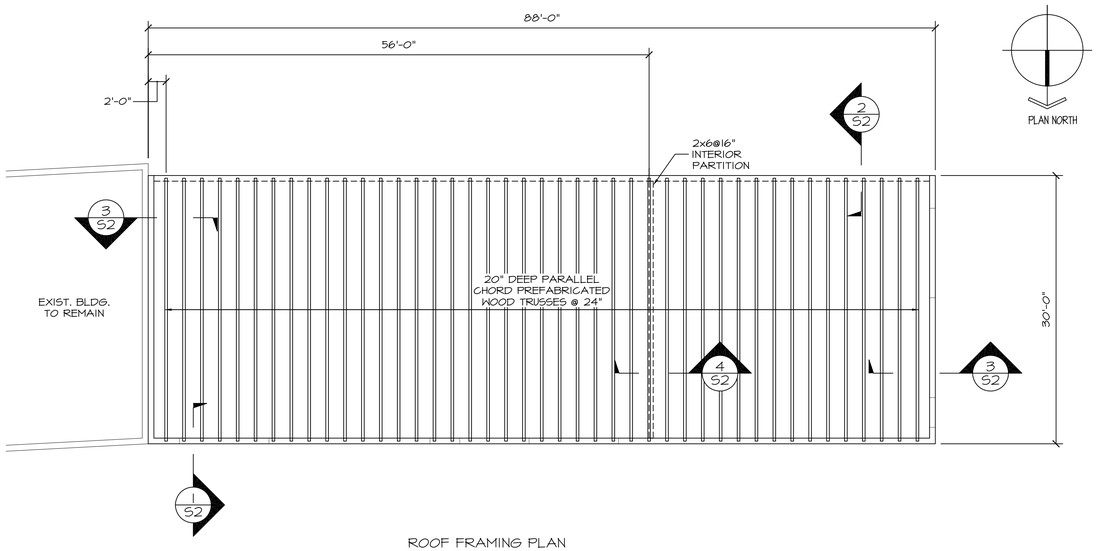
Revisions:

Scale: As Noted

Date: 04 Apr, 2011

FOUNDATION
PLAN AND SECTIONS
AND GENERAL NOTES

S1



ROOF FRAMING PLAN

ROOF 1/8"=1'-0"

DIMENSIONS ARE APPROXIMATE AND MUST BE FIELD VERIFIED. THE NEW BUILDING IS TO BE CONSTRUCTED WITH NORTH AND SOUTH WALLS PARALLEL AND WITHIN THE PERIMETER OF THE EXISTING BUILDING.

SEE ARCHITECTURAL DRAWINGS FOR DOOR LOCATIONS.

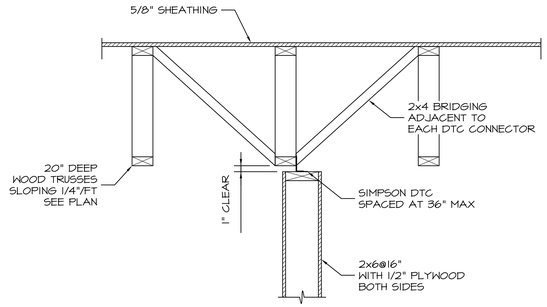
TRUSS BEARING ELEV AT NORTH WALL = 12'-0" ABOVE SLAB.
TRUSS BEARING ELEV AT SOUTH WALL = 11'-4" ABOVE SLAB.

ROOF DECK IS 5/8" T&G CDX PLYWOOD OR 5/8" T&G ADVANTECH. FASTEN DECK TO TRUSSES WITH 10d NAILS SPACED AT 4" ALONG PANEL BOUNDARIES AND 12" ALONG INTERMEDIATE MEMBERS.

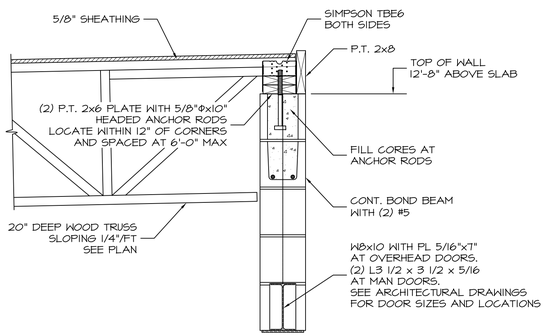
PROVIDE AND INSTALL BRIDGING IN ACCORDANCE WITH TRUSS SUPPLIER'S REQUIREMENTS. DESIGN BRIDGING AND JOISTS FOR A NET WIND UPLIFT FORCE OF 10 PSF.

WOOD TRUSS DESIGN LOADING CRITERIA:

TOP CHORD	
DEAD LOAD	15 PSF
SNOW LOAD	31 PSF
WIND NET UPLIFT	10 PSF
BOTTOM CHORD	
DEAD LOAD	5 PSF

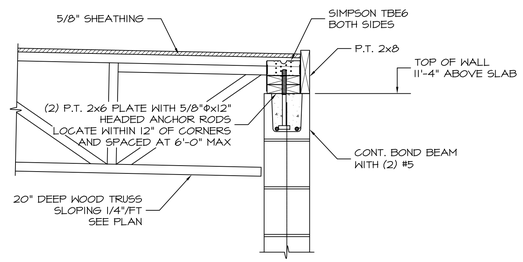


SECTION 4
1"=1'-0" S2



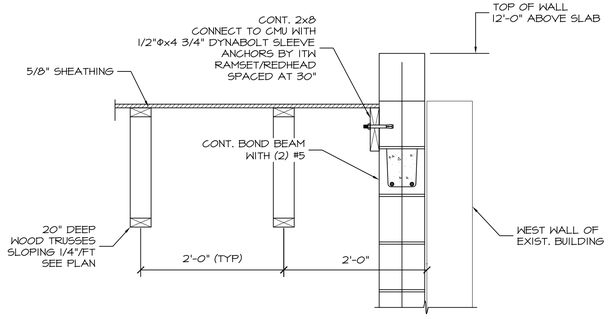
SECTION 1
1"=1'-0" S2

SEE S1 FOR CMU REINFORCING



SECTION 2
1"=1'-0" S2

SEE S1 FOR CMU REINFORCING



SECTION 3
1"=1'-0" S2

SEE S1 FOR CMU REINFORCING

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ROOF FRAMING
PLAN AND SECTIONS

S2

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