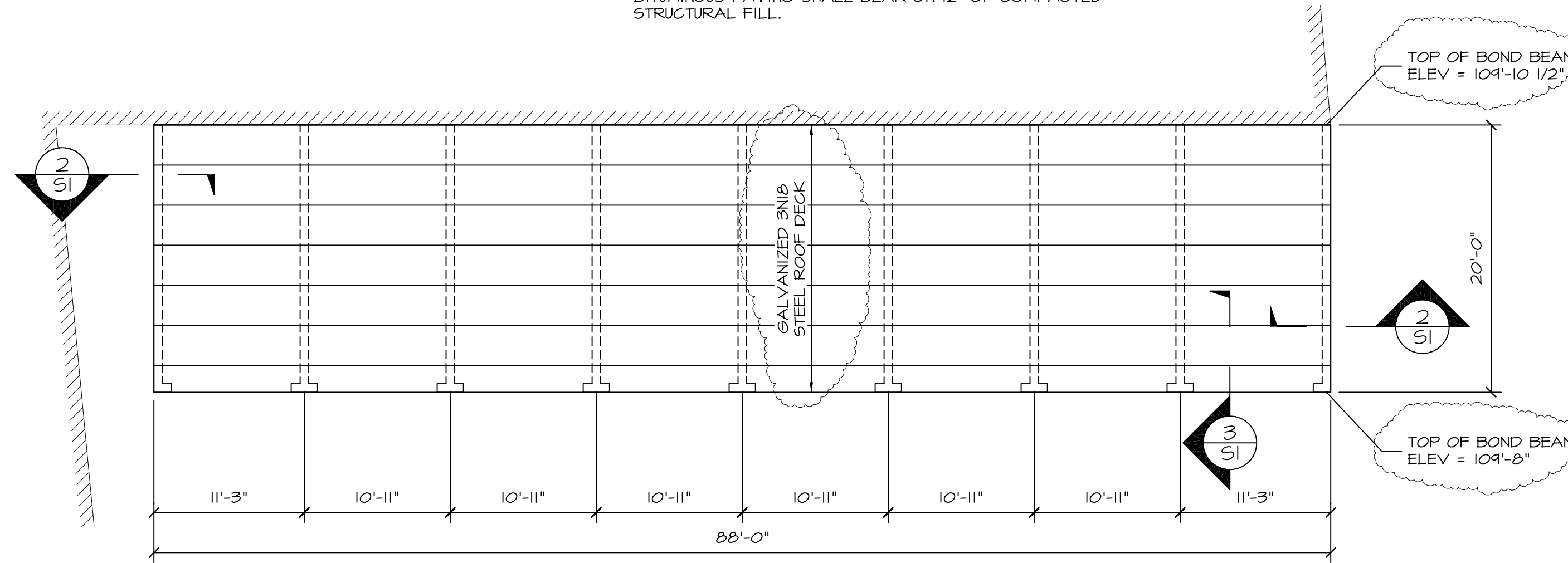


FOUNDATION PLAN
1/8"=1'-0"

(XX'-X") INDICATES TOP OF CONCRETE WALL ELEVATION.
RECESS TOP OF CONCRETE 8" AT DOORWAYS.

ALL CONCRETE SHALL HAVE A 28 COMPRESSIVE STRENGTH OF 3500 PSI AND SHALL CONTAIN 4-6% ENTRAINMENT AIR.

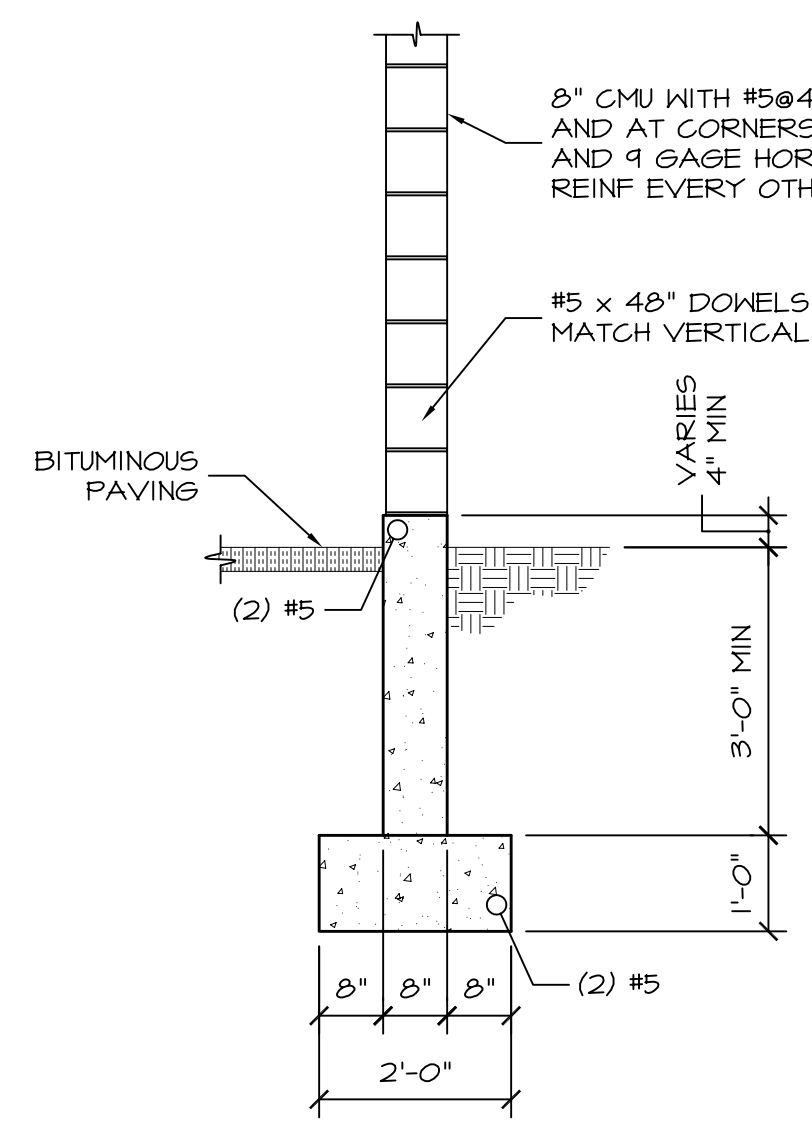
BITUMINOUS PAVING SHALL BEAR ON 12" OF COMPACTED STRUCTURAL FILL.



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

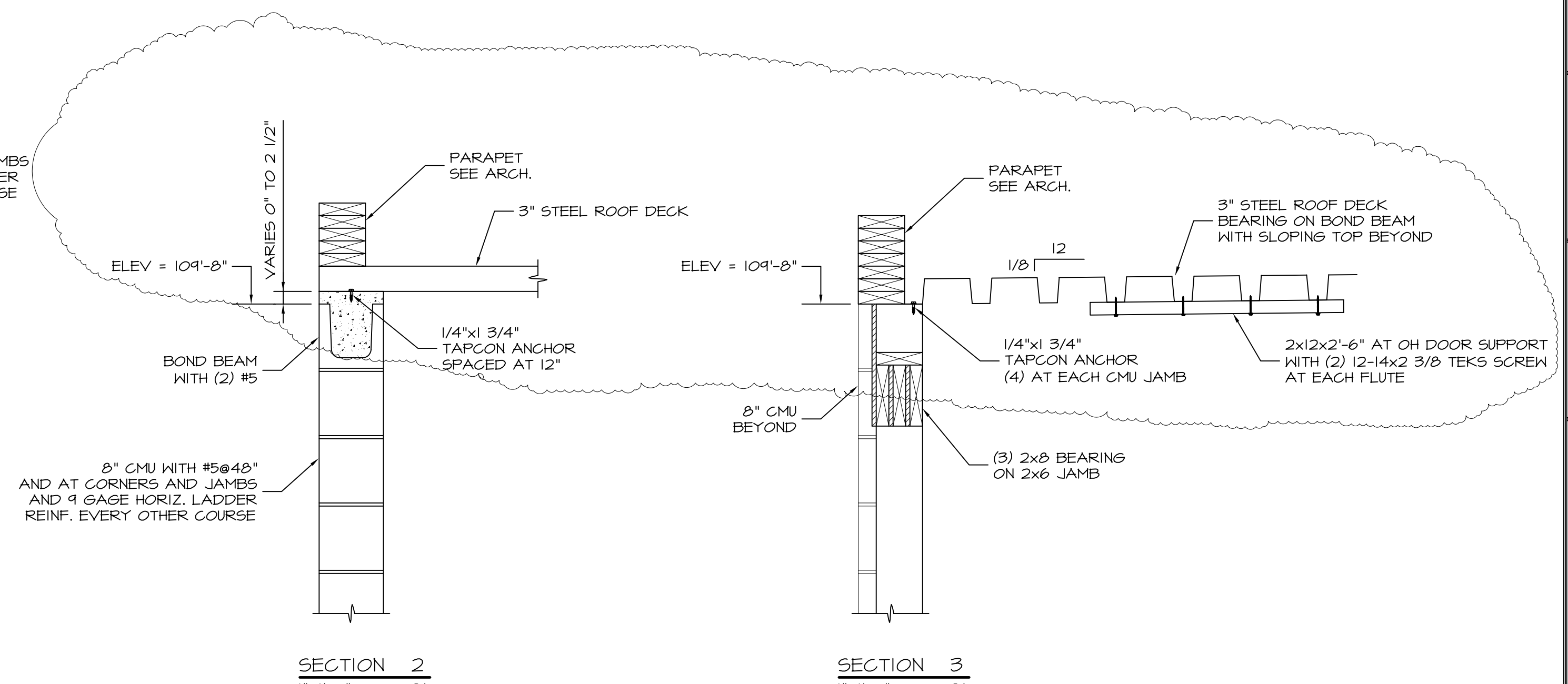
RAFTERS ARE S-P-F NO 2 OR BETTER.

SHEATHING IS 3/4" T&G CDX PLYWOOD OR 3/4" T&G ADVANTECH



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

SIMILAR AT BEARING WALLS DIVIDING GARAGE BAYS



SECTION 2
1"=1'-0" S1

SIMILAR AT BEARING WALLS DIVIDING GARAGE BAYS

SECTION 3
1"=1'-0" S1

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.

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 SAFETY OF THE BUILDING AND ITS 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: 2003 INTERNATIONAL BUILDING CODE

DESIGN LOADS:

SNOW LOAD
GROUND SNOW LOAD, P_g 60 PSF
SNOW EXPOSURE FACTOR, C_e 1.0
SNOW LOAD IMPORTANCE FACTOR, I_s 0.8
THERMAL FACTOR, C_t 1.0
FLAT ROOF SNOW LOAD, P_f 34 PSF

WIND LOAD
BASIC WIND SPEED (3 SEC GUST), V_{3s} 100 MPH
WIND IMPORTANCE FACTOR, I_w 0.87
BUILDING CATEGORY I
EXPOSURE CATEGORY B
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT, A 1.00

EARTHQUAKE DESIGN DATA
SEISMIC IMPORTANCE FACTOR, I_e 1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS
0.2 SEC PERIOD, S_{0.2} 0.31
1 SEC PERIOD, S₁ 0.10

SITE CLASS
SPECTRAL RESPONSE COEFFICIENTS
0.2 PERIOD 5% DAMPED, S_{0.2s} 0.25
1 SEC PERIOD 5% DAMPED, S_{0.1s} 0.07

SEISMIC DESIGN CATEGORY B
BASIC SEISMIC-FORCE-RESISTING SYSTEM ORDINARY REINFORCED MASONRY SHEAR WALLS
DESIGN BASE SHEAR 7.0 KIPS
SEISMIC RESPONSE COEFFICIENT, C_s 5.0
DEFLECTION AMPLIFICATION FACTOR, C_d 3.5
RESPONSE MODIFICATION COEFFICIENT, R 6.5
SYSTEM OVERSTRENGTH FACTOR, Ω₁ 2.5
ANALYSIS PROCEDURE SIMPLIFIED ANALYSIS PROCEDURE

OWNER:

ARCHETYPE, P.A. ARCHITECTS

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(207) 772-6022 Fax (207) 772-4056

Project:

537 LOFTS GARAGES

TOLMAN PLACE
PORTLAND, ME

Scale AS NOTED

July 5, 2007

Date JUNE 14, 2007

Revisions: 1

**JB BROWN PARKING
FOUNDATION PLAN
ROOF FRAMING PLAN**

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