

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

# CITY OF PORTLAND

## BUILDING INSPECTION

# PERMIT

Permit Number: 101325

PERMIT ISSUED

Please Read Application And Notes, If Any, Attached

This is to certify that Portland Assisted Living LLC/Colson and Colson General Contractor

has permission to Construct new 864 sq. ft. garage.

AT 217 Canco Rd

CBL 160 E001001

APR 7 2011

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise closed-in. 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

### OTHER REQUIRED APPROVALS

Fire Dept. CAPT. R. Gauthier

Health Dept. \_\_\_\_\_

Appeal Board \_\_\_\_\_

Other \_\_\_\_\_

Department Name

*Annex Bunker* 4/5/11  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

**City of Portland, Maine - Building or Use Permit Application**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 10-1325	Issue Date:	CBL: 160 E001001
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Location of Construction: 217 Canco Rd	Owner Name: Portland Assisted Living LLC	Owner Address: 2235 Faraday Ave Ste	Phone:
Business Name: Portland Assisted Living LLC	Contractor Name: Colson and Colson General Contrac	Contractor Address: 2250 McGilchrist St. Suite 200 Salem	Phone
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	Zone: C42

Past Use: Commercial - Assisted Living facility	Proposed Use: Commercial / Assisted Living Facility - Construct new 864 sq. ft. garage.	Permit Fee: \$420.00	Cost of Work: \$40,000.00	CEO District: 4	using R-SA
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied *See Conditions	INSPECTION: Use Group: U Type: 5B IBC-2003		

Proposed Project Description: Construct new 864 sq. ft. garage.	Signature: <i>RG</i>	Signature: <i>JMB 4/5/11</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: _____ Date: _____		

Permit Taken By: gg	Date Applied For: 10/20/2010	<b>Zoning Approval</b>
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<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</li> </ol>	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <i>NA</i> <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i>864# exemption received</i> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>OK with conditions</i>	<b>Zoning Appeal</b> <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	<b>Historic Preservation</b> <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>ASB</i>
	<p><b>PERMIT ISSUED</b></p> <p>APR 7 2011</p> <p>City of Portland</p>		

**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

\_\_\_\_\_  
SIGNATURE OF APPLICANT ADDRESS DATE PHONE

\_\_\_\_\_  
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE

**City of Portland, Maine - Building or Use Permit**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 10-1325	Date Applied For: 10/20/2010	CBL: 160 E001001
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Location of Construction: 217 Canco Rd	Owner Name: Portland Assisted Living LLC	Owner Address: 2235 Faraday Ave Ste	Phone:
Business Name: Portland Assisted Living LLC	Contractor Name: Colson and Colson General Contrac	Contractor Address: 2250 McGilchrist St. Suite 200 Salem	Phone
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	

Proposed Use: Commercial / Assisted Living Facility - Construct new 864 sq. ft. garage.	Proposed Project Description: Construct new 864 sq. ft. garage.
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<b>Dept:</b> Zoning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Marge Schmuckal	<b>Approval Date:</b> 10/26/2010
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.			
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Jeanine Bourke	<b>Approval Date:</b>
<b>Note:</b>			<b>Ok to Issue:</b> <input type="checkbox"/>
1) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm HVAC systems, heating appliances, including pellet/wood stoves, commercial kitchen exhaust hood systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.			
2) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.			
<b>Dept:</b> Fire	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Capt Keith Gautreau	<b>Approval Date:</b> 10/27/2010
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) All construction shall comply with City Code Chapter 10.			

<b>Comments:</b>
10/22/2010-gg: Mail check #1656 for \$1,390.00 back, Lenity Group will send another for \$420.00. Lenity Group, LLC 471 High Street Se. Suite 10 Salem, OR 09301
10/22/2010-amachado: Permit is on hold in Marge's basket pending site plan application & review.
10/26/2010-gg: received electronic plans, entered in the system. /gg
10/26/2010-mes: Planning received the site plan exemption - wait for planning sign off
11/10/2010-gg: received ck# 1696 for \$420.00.
11/17/2010-jmb: Spoke to Joe W. For geotechnical report, will email Sebago Tech
12/9/2010-jmb: Received geotech report vial email pdf from Sebago Technics performed in 2004, printed applicable pages for the file. Waiting for SPE approval.
4/5/2011-jmb: Received planning/DRC approval

## **BUILDING PERMIT INSPECTION PROCEDURES**

**Please call 874-8703 or 874-8693 (ONLY )  
or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)**

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the City of Portland Inspection Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months, if the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a “Stop Work Order” and subsequent release to continue with construction.**

  **X**   **Footing/Building Location Inspection: Prior to pouring concrete or setting precast piers**

  **X**   **Framing/Rough Plumbing/Electrical: Prior to Any Insulating, drywalling or covering.**

  **X**   **Underground electrical or plumbing inspection prior to pouring concrete**

  **X**   **Final inspection required at completion of work.**

**The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.**

**IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.**

101325



# General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 86 Holiday Drive			317 CanCO		
Total Square Footage of Proposed Structure/Area 864 sq ft			Square Footage of Lot 442,415 sq ft		
Tax Assessor's Chart, Block & Lot Chart# Block# Lot#		Applicant * <u>must</u> be owner, Lessee or Buyer*		Telephone:	
<del>149</del> 160		3001 E 001		713 551 3963	
Lessee/DBA (If Applicable)  N/A		Owner (if different from Applicant) Name Address City, State & Zip		Cost Of Work: \$ 40,000.00 C of O Fee: \$ Total Fee: \$	
Current legal use (i.e. single family) <u>Assisted Living Facility</u>					
If vacant, what was the previous use? <u>n/a</u>					
Proposed Specific use: _____					
Is property part of a subdivision? <u>no</u> If yes, please name _____					
Project description:  construction of a 864 sq ft garage					
<b>RECEIVED</b>					
OCT 20 2010					
Dept. of Building Inspections City of Portland, Maine					
Contractor's name: _____					
Address: <u>1515 Maine Road</u>					
City, State & Zip: <u>Eddington, Maine 04428</u>				Telephone: _____	
Who should we contact when the permit is ready: <u>Joe White</u>				Telephone: <u>713 551 3963</u>	
Mailing address: _____					

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: Jacquie Zeller Date: 10/7/10

This is not a permit; you may not commence ANY work until the permit is issue

RECEIVED  
OCT 20 2010  
Dept. of Building Inspections  
City of Portland, Maine

Received by mail  
Electronic Plans entered  
66 10/26/10



# Certificate of Design Application

From Designer: Daniel Roach  
 Date: 10/6/2010  
 Job Name: Birchwoods at Canco  
 Address of Construction: 86 Holiday Drive

## 2003 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year 2003 IBC Use Group Classification (s) U

Type of Construction V

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC No

Is the Structure mixed use? No If yes, separated or non separated or non separated (section 302.3) \_\_\_\_\_

Supervisory alarm System? No Geotechnical/Soils report required? (See Section 1802.2) provided from 2004

### Structural Design Calculations

Yes Submitted for all structural members (106.1 – 106.11)

### Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

### Wind loads (1603.1.4, 1609)

- \_\_\_\_\_ Design option utilized (1609.1.1, 1609.6)
- \_\_\_\_\_ Basic wind speed (1809.3)
- \_\_\_\_\_ Building category and wind importance Factor,  $w$  (table 1604.5, 1609.5)
- \_\_\_\_\_ Wind exposure category (1609.4)
- \_\_\_\_\_ Internal pressure coefficient (ASCE 7)
- \_\_\_\_\_ Component and cladding pressures (1609.1.1, 1609.6.2.2)
- \_\_\_\_\_ Main force wind pressures (7603.1.1, 1609.6.2.1)

### Earth design data (1603.1.5, 1614-1623)

- \_\_\_\_\_ Design option utilized (1614.1)
- \_\_\_\_\_ Seismic use group ("Category")
- \_\_\_\_\_ Spectral response coefficients,  $S_D$  &  $S_1$  (1615.1)
- \_\_\_\_\_ Site class (1615.1.5)

- \_\_\_\_\_ Live load reduction
- \_\_\_\_\_ Roof live loads (1603.1.2, 1607.11)
- \_\_\_\_\_ Roof snow loads (1603.7.3, 1608)
- \_\_\_\_\_ Ground snow load,  $P_g$  (1608.2)
- \_\_\_\_\_ If  $P_g > 10$  psf, flat-roof snow load  $P_f$
- \_\_\_\_\_ If  $P_g > 10$  psf, snow exposure factor,  $C_e$
- \_\_\_\_\_ If  $P_g > 10$  psf, snow load importance factor,  $I_s$
- \_\_\_\_\_ Roof thermal factor,  $C_t$  (1608.4)
- \_\_\_\_\_ Sloped roof snowload,  $P_s$  (1608.4)
- \_\_\_\_\_ Seismic design category (1616.3)
- \_\_\_\_\_ Basic seismic force resisting system (1617.6.2)
- \_\_\_\_\_ Response modification coefficient,  $R$  and deflection amplification factor  $C_d$  (1617.6.2)
- \_\_\_\_\_ Analysis procedure (1616.6, 1617.5)
- \_\_\_\_\_ Design base shear (1617.4, 1617.5.1)

### Flood loads (1803.1.6, 1612)

- \_\_\_\_\_ Flood Hazard area (1612.3)
- \_\_\_\_\_ Elevation of structure

### Other loads

- \_\_\_\_\_ Concentrated loads (1607.4)
- \_\_\_\_\_ Partition loads (1607.5)
- \_\_\_\_\_ Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)

## **Jeanie Bourke - 217 Canco Road, Assisted Living Facility - Garage Building Permit**

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**From:** Philip DiPierro  
**To:** Code Enforcement & Inspections  
**Date:** 4/5/2011 8:38 AM  
**Subject:** 217 Canco Road, Assisted Living Facility - Garage Building Permit

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Hi all, this project, site plan #10-79900035, the assisted living facility at 217 Canco Road, meets minimum DRC site plan requirements for the issuance of the building permit.

Please contact me with any questions. Thanks.

Phil

**TRANSMITTAL**

**PROJECT:** Portland, ME (Van Garage): 10-086  
**TO:** City of Portland  
 389 Congress Street  
 Portland, ME 04101

**ATTENTION:** Building Department  
**Phone:** (207) 874-8716  
**Fax:**

**We are Transmitting:** 10/7/2010

Herewith                       Under Separate Cover

**ISSUED FOR:**     Information     Construction     Approval  
                           Estimate        Record            Review

**VIA:**                 Mail                 Courier             Overnight  
                           Fax                  By Hand

Quantity	Identification	Description
1	Building Permit submittal	1 set of plans, application, fee

**REMARKS:**

**CC:**

Sent by: Jacquie Zeller



Applicant: Cedars

Date: 10/26/10

Address: Canco Rd

C-B-L: 160-E+

CHECK-LIST AGAINST ZONING ORDINANCE

Date -

Zone Location - C4Z - RSA Residential & ROS  
Dimensional Reg

Interior or corner lot -

Proposed Use/Work - 2 CAR (VAN) GARAGE on slab

Sevage Disposal -

Lot Street Frontage -

Front Yard - 25' min - toward Canco Rd 60' Escalad

Rear Yard - 25' min - toward nearby bldg - 50'+ show

Side Yard - sideyd - 1 story - 10' - ~ 29' show

Projections -

Width of Lot -

Height - less than 15' high - 1 story

Lot Area -

Lot Coverage/ Impervious Surface -

Area per Family -

Off-street Parking -

Loading Bays -

Site Plan - Exemption / Assessment in PLANS

Shoreland Zoning/ Stream Protection - N/A

Flood Plains - N/A



96592  
"Do not unbind"

**Foundation Investigation**  
**Proposed Portland Assisted Living Facility**  
**Phase II**  
**Portland, Maine**

for

Curry Brandaw Architects  
2260 McGilchrist Street SE, Suite 100  
Salem, OR 97302

February 9, 2004

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DEC - 9 2010

Dept. of Building Inspections  
City of Portland Maine

Groundwater was not encountered in the test pits. However, test pits were made over a short period of time and may not represent the stabilized groundwater level. It is likely that groundwater flows along the soil/bedrock interface, in the weathered portions of bedrock and upper bedrock, following the trend of the top of rock. In addition, water levels at the site will vary with precipitation, season, temperature and construction activity in the area. Therefore, groundwater levels during and following construction may differ from that observed in the explorations.

### **Recommendations for Foundation Design**

#### **Recommended Foundation Type and Design Criteria**

The forest mat and topsoil are not considered suitable for support of the buildings. All forest mat and topsoil should be removed from within the limits of foundations. It is our opinion that the buildings may be supported on spread footings bearing on the undisturbed, naturally-deposited marine deposit and glacial till or bedrock or on compacted structural fill placed after removal of unsuitable soil (forest mat and topsoil).

We recommend that, for uniformity, the footings be proportioned for an allowable bearing stress, in pounds per square foot (psf), equal to 1,500 multiplied by the least lateral dimension of the footing in feet, up to a maximum of 4,500 psf. All footings should be at least 1.5 feet wide. In some areas, bedrock will likely be at or near the proposed bottom of footing. For footings bearing on bedrock, the maximum slope of the bedrock surface should not be steeper than 4 horizontal to 1 vertical. Steeper slopes should be benched or tapered to the above criteria.

Individual footings should be founded either on soil or bedrock. Continuous footings may span both soil and rock provided a transition from soil to rock is provided. Tapering the bedrock surface to a slope of 4 horizontal to 1 vertical and backfilling with structural fill to a minimum depth of 1 foot would be acceptable.

Exterior footings bearing on soil should be founded at least 4.5 feet below the lowest adjacent ground surface exposed to freezing. Interior footings, if required, should be founded a minimum of 1.5 feet below the ground floor slab. Exterior footings bearing on sound bedrock may be founded at least 2 feet below the lowest adjacent ground surface exposed to freezing.

Bedrock may be encountered above the proposed floor level and bearing level for foundations. Therefore, rock cuts may be required for foundation construction in some areas. Figure 3 of the Haley & Aldrich report may be used to estimate the required volume of rock excavation. The contours shown on Figure 3 are based on information from the explorations referenced therein. Actual top of rock between exploration locations will vary from the indicated contours.

Rock should be defined as "any material that is geologically classified as rock and requires drilling and blasting to excavate." Boulders and cobbles should not be classified as bedrock. Provisions should be made in the contract plans and payment items for adjusting bearing levels in the field to accommodate actual bedrock surface grades.

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City of Portland Maine

Compacted structural fill supporting footings should extend laterally from the footings to at least the limits defined by 1 horizontal to 1 vertical lines sloped outward and downward from points located at least 2 feet horizontally beyond the bottom edges of the footings.

At the recommended bearing stress, we anticipate that foundation settlement will be on the order of one inch, or less. We anticipate that more than 50 percent of this settlement will occur during the construction period. We anticipate that settlement of this magnitude is acceptable. However, the structural engineer should determine the final acceptability of settlement.

#### Ground Floor Slabs

We recommend that the lowest level floor slabs be designed as earth-supported slabs-on-grade bearing on a minimum 6-inch thickness of compacted structural fill. All forest mat and topsoil should be removed from within the building limits prior to placing fill. All fill placed below the floor slabs for raises-in-grade should consist of compacted structural fill. Normal dampproofing and vapor barriers should be used below floor slabs.

#### Seismic Design Considerations

We recommend that the buildings be designed according to the seismic requirements of the latest edition of the International Building Code. The site classification is Class C; the site response coefficient  $F_a$ , is 1.2 for short period spectral response acceleration  $S_s$  of 0.37g; the site response coefficient  $F_v$ , is 1.7 for the one-second period spectral response acceleration  $S_1$  of 0.10g. The soils are not considered liquefaction susceptible.

#### Lateral Foundation Loads

We recommend that lateral loads be resisted by bottom friction on footings. We recommend that a coefficient of friction equal to 0.40 be used for footings bearing on soil and a coefficient of friction equal to 0.70 for footings bearing on sound bedrock.

#### Lateral Soil Pressure

We recommend that foundation walls which are restrained at the top and backfilled be designed to resist a lateral earth pressure calculated on the basis of an equivalent fluid unit weight of 55 pounds per cubic foot. This fluid unit weight assumes an at rest earth pressure coefficient of 0.45 and a free-draining granular backfill. If any buildings will have below grade space, we recommend that a perimeter foundation drain consisting of a perforated pipe surrounded by crushed stone and filter fabric be constructed at the exterior base of the wall. Gravity drainage should be provided.

Retaining walls, if required, should be designed for an equivalent fluid unit weight of 40 pounds per cubic foot. Walls should be backfilled with free-draining structural fill, and gravity drainage should be provided.

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City of Portland

# Structural Calculations

## Portland (ME) Van Garage

Location: Canco Road  
Portland, Maine

Client: Lenity Group  
471 High Street SE, Suite 10  
Salem, OR 97301

Contractor: Colson and Colson General Contractor, Inc.  
2250 McGilchrist Street SE, Suite 200  
Salem, OR 97302

Job Number: 100915

Contents:

Framing	
Loads	1.1 thru 1.3
Reference layout	1.4
Beams & studs	1.5 thru 1.7
Foundation	
Footings	2.1
Lateral Analysis	
Calculations	3.1, 3.2



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**Gravity Loads** Roof Dead Ld:

Sheathing	3.0 psf
3-ply Felt	1.5
Asphalt Shingles	3.0
Gyp. Ceiling	5.0
Trusses	2.0
Elec/Mech	1.5
Insulation	1.0
<b>Total Dead Load</b>	<b>17 psf</b>

Roof Live Load: Roof Snow Load 30 psf

Exterior Walls Dead Load 12 psf

Interior Walls Dead Load 7 psf

**Lateral Loads**

Seismic category: B  
Wind: 100 mph (3-sec gust) exp B

**Foundation**

Soil Bearing: 2250 psf  
Concrete Strength 2500 psi

**Code Used**

2006 International Building Code

**Soils Report by:**

Sebago Technics  
Project #96592  
Dated February 9, 2004

ASCE 7-05 (IBC 2006) WIND: BUILDING DATA:

Basic wind speed (3 sec gust) = 100 MPH

Exposure B

Roof Pitch = 4.00 :12

Mean Roof Height h = 13.25 ft

Importance factor  $I_w = 1.00$

T-6-1

6.4 METHOD 1- SIMPLIFIED PROCEDURE (LOW-RISE, 60 FT)

Height Adjustment factor  $\lambda = 1.00$

Fig 6-2

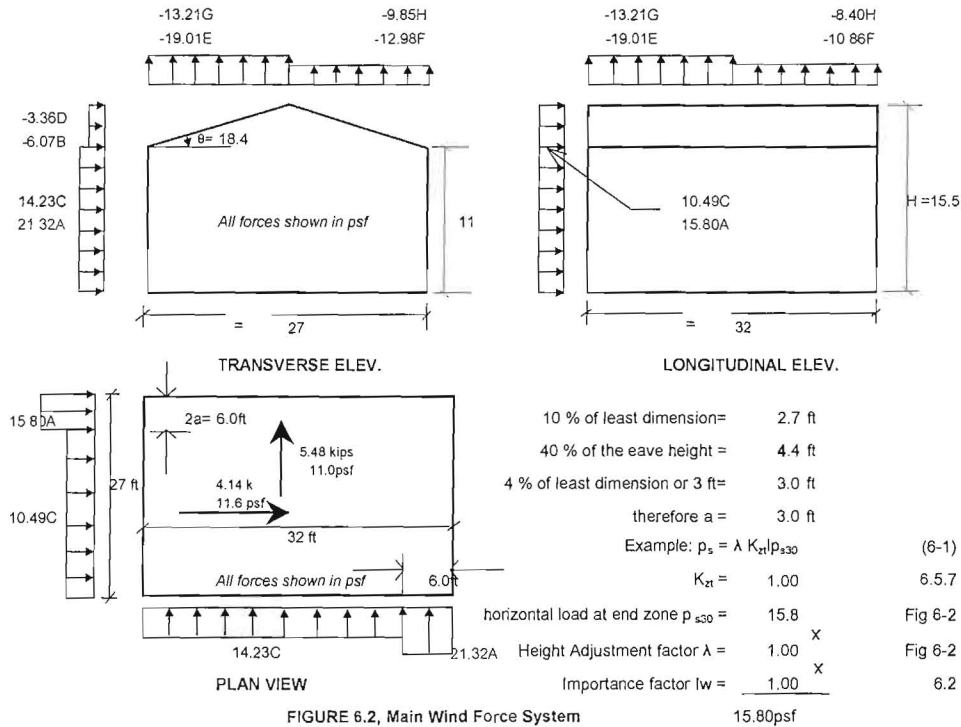


FIGURE 6.2, Main Wind Force System

15.80psf

MWFRS

Load Direction	Roof Angle	Horizontal Loads				Vertical Loads					
		End Zone Wall (A)	Roof (B)	Interior zone Wall (C)	Roof (D)	End Zone WW (E)	LW (F)	Interior zone WW (G)	LW (H)	Overhang E <sub>OH</sub>	G <sub>OH</sub>
Transverse	18.4	21.32	-6.07	14.23	-3.36	-19.01	-12.98	-13.21	-9.85	-26.67	-20.86
Longitudinal	All	15.8025	-8.2716	10.4938	-4.93827	-19.01235	-10.864	-13.21	-8.3951	-26.667	-20.8642

\* If roof pressure under horizontal loads is less than zero, use zero

Plus and minus signs signify pressures acting toward and away from projected surfaces, respectively.

For the design of the longitudinal MWFRS use  $\theta = 0^\circ$ , and locate the zone E/F, G/H boundary at the mid-length of the building

IBC2006 (1613), ASCE 7-05 CHAPTER 11, 12, 13 SEISMIC DESIGN CRITERIA

Response Spectral Acc. (0.2 sec)  $S_s = 37.00\%g = 0.370g$  Figure 22-1 through 22-14

Response Spectral Acc. (1.0 sec)  $S_1 = 10.00\%g = 0.100g$  Figure 22-1 through 22-14

Soil Site Class C Table 20-3-1, Default = D

Site Coefficient  $F_a = 1.200$  Table 11.4-1

Site Coefficient  $F_v = 1.700$  Table 11.4-2

Max Considered Earthquake Acc.  $S_{MS} = F_a \cdot S_s = 0.444$  (11.4-1)

Max Considered Earthquake Acc.  $S_{M1} = F_v \cdot S_1 = 0.170$  (11.4-2)

@ 5% Damped Design  $S_{DS} = 2/3(S_{MS}) = 0.296$  (11.4-3)

$S_{D1} = 2/3(S_{M1}) = 0.113$  (11.4-4)

Building Occupancy Categories II, Standard Table 1-1

Design Category Consideration: Flexible Diaphragm with dist between seismic resisting system >40ft

Seismic Design Category for 0.1sec B Table 11.6-1

Seismic Design Category for 1.0sec B Table 11.6-2

$S1 < .75g$  NA Section 11.6

Since  $T_a < .8T_s$  (see below), SDC = B Control (exception of Section 11.6 does not apply)

Comply with Seismic Design Category B

IRC, Seismic Design Category = B T-R301.2.2.1.1

12.8 Equivalent lateral force procedure

A. BEARING WALL SYSTEMS

T-12.2-1

Seismic Force Resisting Systems 9. Ordinary reinforced masonry shear walls

$C_t = 0.02$   $x = 0.75$  T-12.8-2

Building ht.  $H_n = 11$  ft Limited Building Height (ft) = NL

$C_u = 1.673$  for  $S_{D1}$  of 0.113g Table 12.8-1

Approx Fundamental period,  $T_a = C_t(h_n)^x = 0.121$  12.8-7  $T_L = .266$  Sec

Calculated T shall not exceed  $\leq C_u \cdot T_a = 0.202$  Use T = 0.202 sec.

$0.8T_s = 0.8(S_{D1}/S_{DS}) = 0.306$  Control (exception of Section 11.6 does not apply)

Is structure Regular &  $\leq 5$  stories? Yes 12.8.1.3

Response Spectral Acc. (0.2 sec)  $S_s = 0.370g$  Max  $S_s \leq 1.5g$

$F_a = 1.20$

@ 5% Damped Design  $S_{DS} = 2/3(F_a \cdot S_s) = 0.296g$  (11.4-3)

Response Modification Coef.  $R = 2$  Table-12.2-1

Over Strength Factor  $\Omega_o = 2$  foot note g

Importance factor  $I = 1$  Table 11.5-1

Seismic Base Shear  $V = C_s W$

$C_s = \frac{S_{DS}}{R/I} = 0.148$  (12.8-2)

or need not to exceed,  $C_s = \frac{S_{D1}}{(R/I) \cdot T} = 0.280$  For  $T \leq T_L$  (12.8-3)

or  $C_s = \frac{S_{D1} T_L}{T^2 (R/I)}$  N/A For  $T > T_L$  (12.8-4)

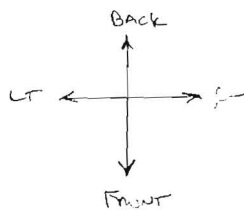
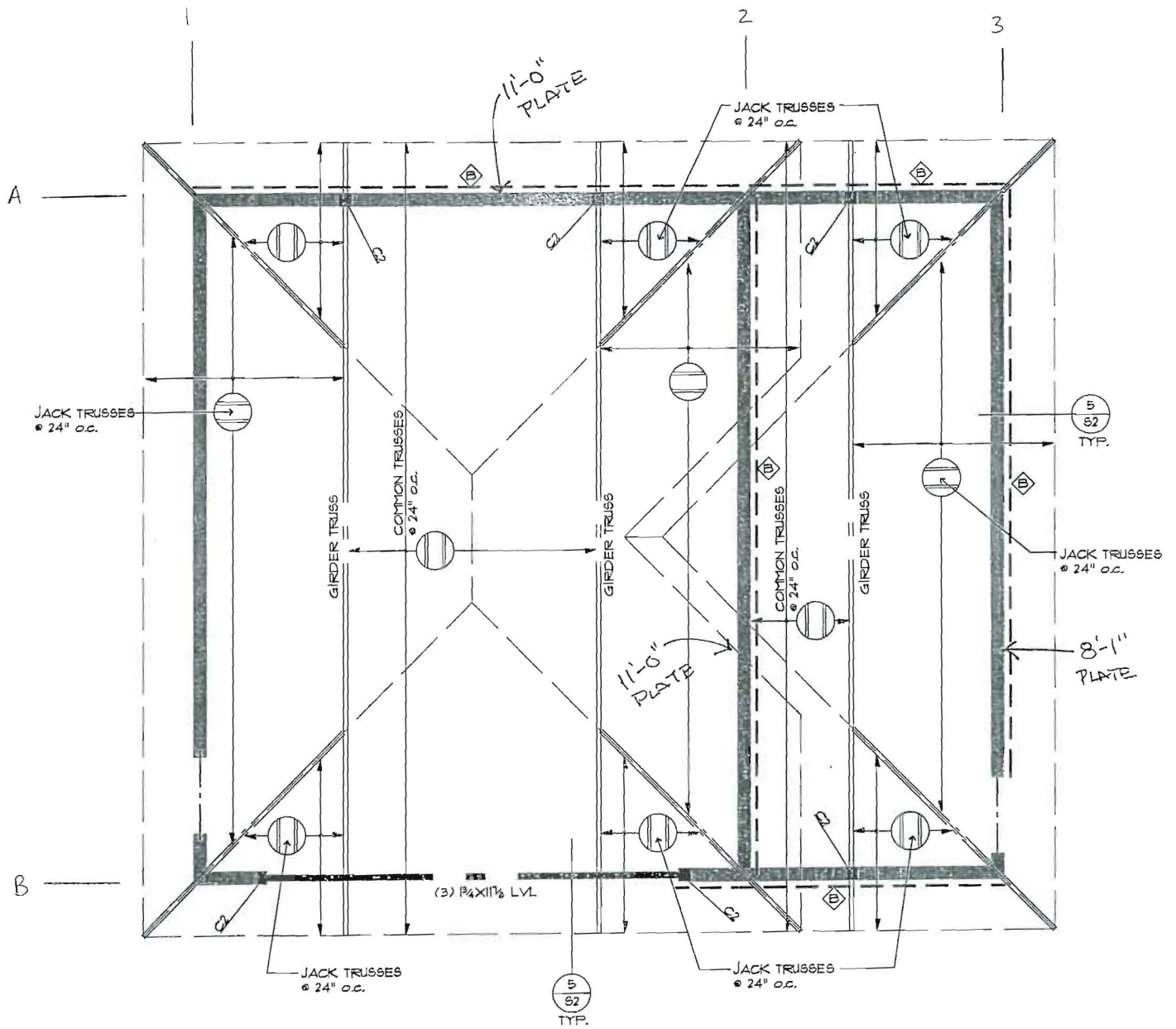
$C_s$  shall not be less than = 0.01 (12.8-5)

Min  $C_s = 0.5 S_1 / R$  N/A For  $S_1 \geq 0.6g$  (12.8-6)

Use  $C_s = 0.148$

Design base shear  $V = 0.148 W$  Control



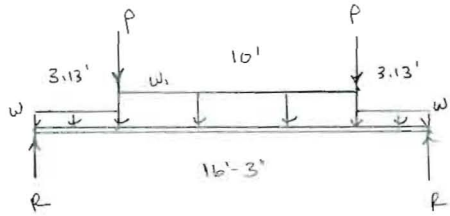


FOR REFERENCE ONLY  
NTS

DAN GREEN  
ENGINEERING, INC.  
SALEM, OREGON  
(503) 391-2309

FILE NO. 100915 SHEET NO. 1.4  
 DESIGNER DSG DATE 9/30/10  
 CLIENT LOWERY  
 PROJECT PORTLAND (503) VAN GARDE

GARAGE DOOR HEADER



$$P \text{ (GIRDER TRUSS)} = (30+17)(4/2)(27/2) = 1904 \text{ \#}$$

$$W = (30+17)(4/2+2) = 188 \text{ \#F} \quad W_1 = (30+17)(27/2+2) = 729 \text{ \#F}$$

$$R = V_M = 6139 \text{ \#} \quad M_M = 27370 \text{ \#F} \quad \Delta EI = 1.32 \times 10^9 \text{ \#} \cdot \text{IN}^3$$

$$(3) - 13/4 \times 11/8 \quad U_2 = 13628 \text{ \#} \quad M_2 = 35410 \text{ \#F} \quad I = 732 \text{ \#} \cdot \text{IN}^4$$

TM 5/8 x 13 1/2

$$U_2 = 12731 \text{ \#}$$

$$M_2 = 35805 \text{ \#F}$$

$$I = 1057 \text{ \#} \cdot \text{IN}^4$$

$$\Delta = .95 \text{ \#} = \Delta / 205 \text{ \#} \leftarrow \text{NS GOOD}$$

$$\Delta = .70 \text{ \#} = \Delta / 279 \text{ \#} \text{ OK}$$

30 HOLES AT SIDE WALLS

SPAN = 3'-0"

$$W = (30+17)(4/2+2) = 235 \text{ \#F}$$

$$V_M = 353 \text{ \#}$$

$$M_M = 264 \text{ \#F}$$

$$\Delta EI = 4.3 \times 10^5 \text{ \#} \cdot \text{IN}^3$$

(3) - 2 x 10

$$U_2 = 4310 \text{ \#}$$

$$M_2 = 5919 \text{ \#F}$$

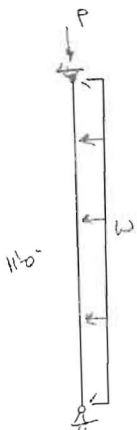
$$I = 297 \text{ \#} \cdot \text{IN}^4$$

$$\Delta = .001 \text{ \#}$$

OK

$$\left[ (3) - 2 \times 10 \text{ \#} / \# 2 \text{ SAF} \right]$$

11'-0" SIDES



TM 2 x 6 SINO GRABE SAF @ 16" O.C

VERTICAL LOADS

$$P_{SL} = 30(27/2+2)(4/3) = 620 \text{ \#}$$

$$P_{DL} = \left[ 17(27/2+2) + 12(11/2) \right] (4/3) = 439 \text{ \#}$$

HORIZONTAL LOADS

$$W_L = 21.32 \left( \frac{.8}{1.5} \right) (4/3) = 17.5 \text{ \#F}$$

SEE NEXT SHEET →

# Wood Column

ENERCALC, INC. 1983-2010, Ver. 6.1.51, N:58346

Lic. #: Evaluation Version

License Owner :

Description : 11' studs (16" o/c)

## General Information

Code Ref : 2006 IBC, ANSI / AF&PA NDS-2005

Analysis Method :	<b>Allowable Stress Design</b>			Wood Section Name	<b>2x6</b>
End Fixities	<b>Top &amp; Bottom Pinned</b>			Wood Grading/Manuf.	<b>Graded Lumber</b>
Overall Column Height	11.0 ft			Wood Member Type	<b>Sawn</b>
<i>( Used for non-slender calculations )</i>					
Wood Species	<b>Spruce - Pine - Fir</b>			Exact Width	<b>1.50</b> in
Wood Grade	<b>Stud</b>			Exact Depth	<b>5.50</b> in
Fb - Tension	<b>675</b> psi	Fv	<b>135</b> psi	Area	<b>8.250</b> in <sup>2</sup>
Fb - Compr	<b>675</b> psi	Ft	<b>350</b> psi	lx	<b>20.797</b> in <sup>4</sup>
Fc - Prll	<b>725</b> psi	Density	<b>27.06</b> pcf	ly	<b>1.547</b> in <sup>4</sup>
Fc - Perp	<b>425</b> psi				
E : Modulus of Elasticity . . .	x-x Bending	y-y Bending	Axial	Allowable Stress Modification Factors	
Basic	<b>1200</b>	<b>1200</b>	<b>1200</b> ksi	Cf or Cv for Bending	<b>1.0</b>
Minimum	<b>440</b>	<b>440</b>		Cf or Cv for Compression	<b>1.0</b>
				Cf or Cv for Tension	<b>1.0</b>
				Cm : Wet Use Factor	<b>1.0</b>
				Ct : Temperature Factor	<b>1.0</b>
				Cfu : Flat Use Factor	<b>1.0</b>
				Kf : Built-up columns	<b>1.0</b> <small>NDS 15.3.2</small>
				Use Cr : Repetitive ?	<b>Yes</b> <small>(non-glb only)</small>

Load Combination **2006 IBC & ASCE 7-05**

Brace condition for deflection (buckling) along columns :  
 X-X (width) axis : Unbraced Length for X-X Axis buckling = 0ft, K = 1.0  
 Y-Y (depth) axis : Unbraced Length for Y-Y Axis buckling = 11 ft, K = 1.0

## Applied Loads

Service loads entered. Load Factors will be applied for calculations.

AXIAL LOADS . . .  
 Axial Load at 11.0 ft, D = 0.4390, S = 0.620 k  
 BENDING LOADS . . .  
 Lat. Uniform Load creating Mx-x, W = 0.0180 k/ft

## DESIGN SUMMARY

### Bending & Shear Check Results

<b>PASS</b> Max. Axial+Bending Stress Ratio =	<b>0.6215 : 1</b>
Load Combination	+D+W+H
Governing NDS Formula	Comp + Mxx, NDS Eq. 3.9-3
Location of max. above base	5.463 ft
At maximum location values are . . .	
Applied Axial	0.4390 k
Applied Mx	-0.2722 k-ft
Applied My	0.0 k-ft
Fc : Allowable	462.55 psi
<b>PASS</b> Maximum Shear Stress Ratio =	<b>0.08889 : 1</b>
Load Combination	+D+W+H
Location of max. above base	0.0 ft
Applied Design Shear	12.0 psi
Allowable Shear	135.0 psi

### Maximum SERVICE Lateral Load Reactions . .

Top along Y-Y	0.0990 k	Bottom along Y-Y	0.0990 k
Top along X-X	0.0 k	Bottom along X-X	0.0 k

### Maximum SERVICE Load Lateral Deflections . . .

Along Y-Y	-0.2402 in	at	5.537 ft	above base
for load combination . W Only				
Along X-X	0.0 in	at	0.0 ft	above base
for load combination : n/a				

### Other Factors used to calculate allowable stresses . . .

	<u>Bending</u>	<u>Compression</u>	<u>Tension</u>
Cf or Cv : Size based factors	1.000	1.000	

## Load Combination Results

Load Combination	Maximum Axial + Bending Stress Ratios			Maximum Shear Ratios		
	Stress Ratio	Status	Location	Stress Ratio	Status	Location
+D	0.1150	PASS	0.0 ft	0.0	PASS	11.0 ft
+D+S+H	0.2775	PASS	0.0 ft	0.0	PASS	11.0 ft
+D+0.750L+0.750S+H	0.2369	PASS	0.0 ft	0.0	PASS	11.0 ft
+D+W+H	0.6215	PASS	5.463 ft	0.08889	PASS	0.0 ft
+D+0.750Lr+0.750L+0.750W+H	0.4694	PASS	5.537 ft	0.06667	PASS	0.0 ft
+D+0.750L+0.750S+0.750W+H	0.5621	PASS	5.537 ft	0.06667	PASS	0.0 ft
+D+0.750L+0.750S+0.5250E+H	0.2369	PASS	0.0 ft	0.0	PASS	11.0 ft
+0.60D+W+H	0.5912	PASS	5.463 ft	0.08889	PASS	0.0 ft

## Maximum Reactions - Unfactored

Note: Only non-zero reactions are listed.

Load Combination	X-X Axis Reaction		Y-Y Axis Reaction	
	@ Base	@ Top	@ Base	@ Top
D Only				
S Only				

### Wood Column

ENERCALC, INC. 1983-2010, Ver. 6.1.51, N:58346

Lic. # : Evaluation Version

License Owner :

Description : 11' studs (16" o/c)

#### Maximum Reactions - Unfactored

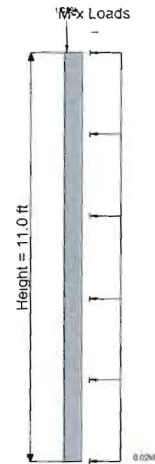
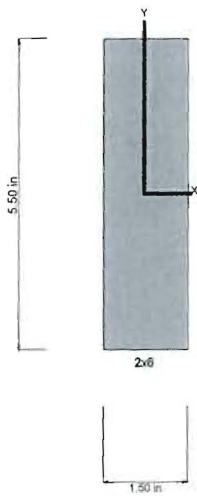
Note: Only non-zero reactions are listed.

Load Combination	X-X Axis Reaction		Y-Y Axis Reaction	
	@ Base	@ Top	@ Base	@ Top
W Only			0.099	-0.099
D+S				
D+W			0.099	-0.099

#### Maximum Deflections for Load Combinations - Unfactored Loads

Load Combination	Max. X-X Deflection	Distance	Max. Y-Y Deflection	Distance
D Only	0.0000 in	0.000 ft	0.000 in	0.000 ft
S Only	0.0000 in	0.000 ft	0.000 in	0.000 ft
W Only	0.0000 in	0.000 ft	-0.005 in	11.000 ft
D+S	0.0000 in	0.000 ft	0.000 in	0.000 ft
D+W	0.0000 in	0.000 ft	-0.010 in	10.926 ft

#### Sketches



Loads are total entered value. Arrows do not reflect absolute direction.

*(Handwritten note)*  
 2x6 studs @ 16" o/c  
 @ 10' H<sub>2</sub>O

## FOOTINGS

$$\text{MAXIMUM LINE LOAD} = (30+17)(27/2+2) + 12(11) = 861 \text{ PL}$$

$$\text{WIDTH REQD} = \frac{861}{2250} = .38' \rightarrow \left[ \begin{array}{l} \text{USE A } 18'' \text{ WIDE } \times 10'' \text{ THK} \\ \text{w/ (2) - \#4 } \times \text{ CONT} \end{array} \right]$$

↓ Per width required

PAD FOOTING AT OHG EDGES

$$P \downarrow = 6139 \text{ \#}$$

$$\text{AREA REQD} = \frac{6139}{2250} = 2.73 \text{ FE}^2 \quad \sqrt{\quad} = 1.65'$$

$$\left[ \begin{array}{l} \text{USE } 24'' \times 24'' \times 10'' \text{ THK} \\ \text{w/ (2) - \#4 BARS EACH WAY} \end{array} \right]$$

## LATERAL DESIGN

- See SHEETS 1.2 and 1.3 for WALLS and 1.4 for LAYOUT REFERENCE

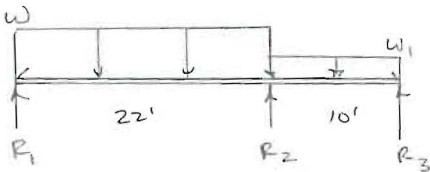
### LOADING ON STRUCTURE

• IN FRONT-BACK DIRECTION

WL:

$$W = 14.23 (6) = 85 \text{ kF}$$

$$W_1 = 14.23 (4.5) = 64 \text{ kF}$$



$$R_1 = 85 (22/2) = 935 \text{ k}$$

$$R_2 = 935 + 320 = 1255 \text{ k}$$

$$R_3 = 64 (10/2) = 320 \text{ k}$$

SEISMIC

SAME WALL DIA AS WL -

$$W = .148 (17(31) + 12(11/2)(23)) \left( \frac{1}{1.4} \right) = 70 \text{ kF}$$

$$W_1 = .148 (17(31) + 12(8/2)(21)) \left( \frac{1}{1.4} \right) = 61 \text{ kF}$$

LESS THAN WL = WL CONTROLS

• IN RT-FT DIRECTION

$$WL = 85 \text{ kF} \approx V_S = .148 \left[ (17(36) + 12(5.5 + 5.5 + 4)) \right] \left( \frac{1}{1.4} \right) = 84 \text{ kF}$$

$$R_A = R_B = 85 (27/2) = 1148 \text{ k}$$

### SHEARWALLS + HOLDOWNS

• G2ND 1

$$R_1 = 935 \text{ k} \quad \text{PANELS} \rightarrow (11 - 22' - 0")$$

$$V_{SW} = 935 / 22 = 43 \text{ kF} \quad \leftarrow (\text{TYPE B SW})$$

$$M_{OT} = 935 (11) = 10285 \text{ k-ft} < M_{ALL} = \frac{2}{3} \left[ (10(6) + 110) (22/2) + 90(2) \right] = 28747 \text{ k-ft}$$

NO HAS REQS

• GMS 2

$$R_2 = 1255^k \quad \text{panels} \rightarrow (11 - 26'0")$$

$$\sqrt{S_w} = 1255/26 = 48 \text{ PF} \quad \leftarrow \text{[TYPE B SW]}$$

$$M_{OT} = 10285 + 320(0) = 12845 \text{ }^k \quad < \quad M_{NS} = \frac{2}{3} \left[ (10(10) + 110)(26'^2/2) + 768(26) \right] = 60632 \text{ }^k$$

NO ADD NAILS

• GMS 3

$$R_3 = 320^k \quad (11 - 22'0")$$

SAME AS GMS 1

• GMS A

$$R_A = 1148^k \quad \text{panels} \rightarrow (11 - 32'0")$$

$$\sqrt{S_w} = 1148/32 = 36 \text{ PF} \quad \leftarrow \text{[TYPE B SW]}$$

$$M_{OT} = 1148(11) = 12628 \text{ }^k \quad < \quad M_{NS} = \frac{2}{3} \left[ (10(6) + 110)(32'^2/2) + 384(32) \right] = 66219 \text{ }^k$$

NO ADD NAILS

• GMS B

$$R_B = 1148^k \quad \text{panels} \rightarrow 12'10"$$

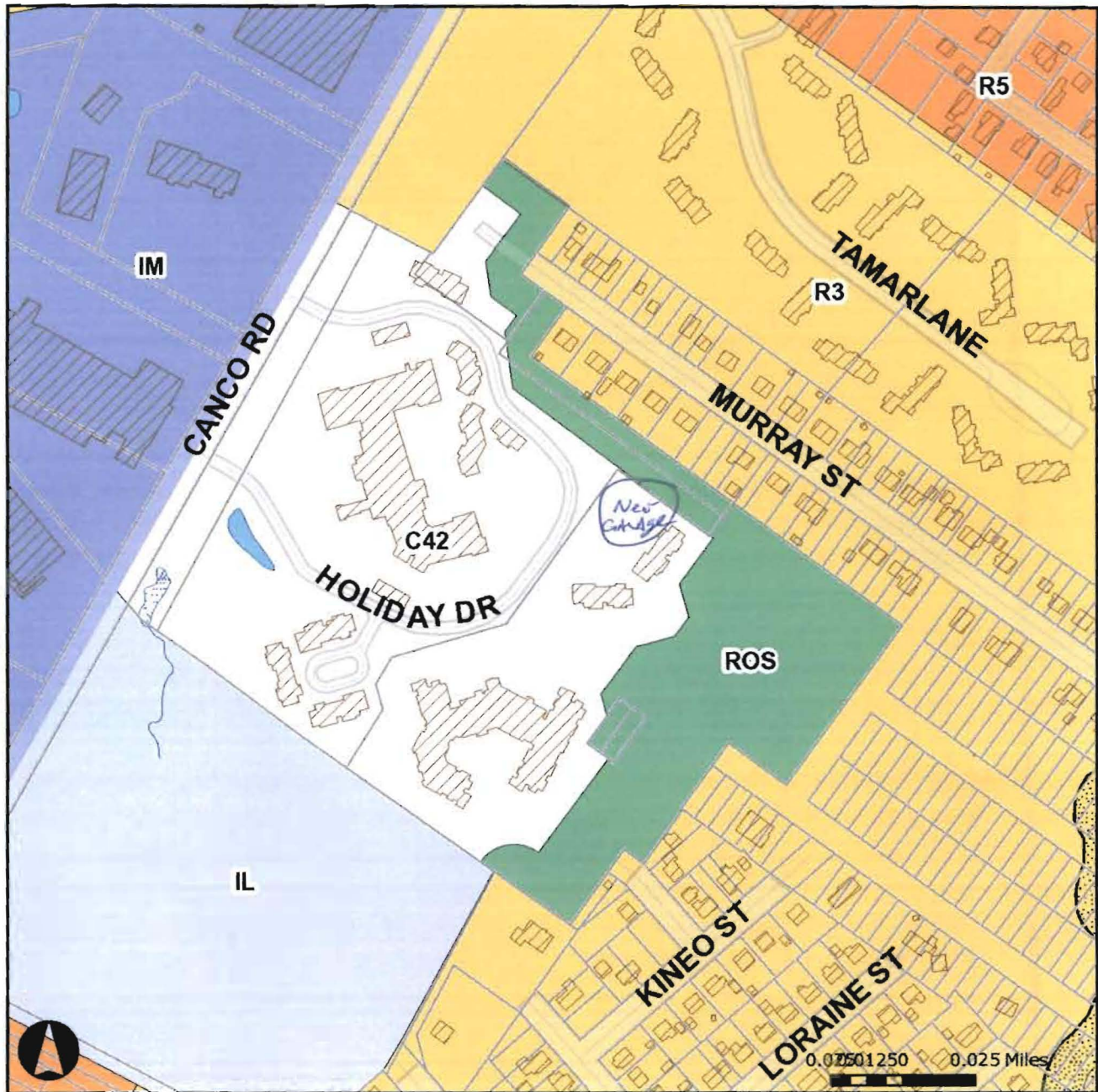
$$\sqrt{S_w} = 1148/12.83 = 89 \text{ PF} \quad \leftarrow \text{[TYPE B SW]}$$

$$M_{OT} = 1148(11) = 12628 \text{ }^k \quad M_{NS} = \frac{2}{3} \left[ (10(6) + 96)(12.83'^2/2) + 384(12.83) \right] = 11844 \text{ }^k$$

$$NET OT = 783 \text{ }^k \quad R = 61^k$$

NORMAL - NAILS + ANCHOR BOLTS  
NO ADD NAILS NEEDED

# Map

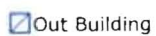


Interstate



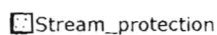
Streets

Buildings



Parcels

Stream Overlay Zone



Island Zoning



Zoning (continued)



Zoning (continued)



Ocean





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**Services**

**Applications**

**Doing Business**

**Maps**

**Tax Relief**

**Tax Roll**

**Q & A**

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<b>CBL</b>	149 B001001
<b>Land Use Type</b>	RETAIL & PERSONAL SERVICE
<b>Property Location</b>	257 CANCO RD
<b>Owner Information</b>	PORTLAND RETIREMENT RESIDENCE LLC
	PO BOX 700
	SISTERS OR 97759
<b>Book and Page</b>	13465/161
<b>Legal Description</b>	149-B-1 161-A-1
	CANCO RD
	471989 SF
	PARCEL A
<b>Acres</b>	10.835

**Current Assessed Valuation:**

<b>TAX ACCT NO.</b>	21614	<b>OWNER OF RECORD AS OF APRIL 2010</b>
		PORTLAND RETIREMENT RESIDENCE LLC
<b>LAND VALUE</b>	\$1,566,500.00	PO BOX 700
<b>BUILDING VALUE</b>	\$9,831,100.00	SISTERS OR 97759
<b>NET TAXABLE - REAL ESTATE</b>	\$11,397,600.00	
<b>TAX AMOUNT</b>	\$204,245.00	

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.

**Building Information:**



Best viewed at 800x600, with Internet Explorer

Card 1 of 5

<b>Year Built</b>	1999
<b>Style/Structure Type</b>	APARTMENT - GARDEN
<b># Units</b>	115
<b>Building Num/Name</b>	1 WOODS AT CANCO
<b>Square Feet</b>	97082

[View Sketch](#) [View Map](#) [View Picture](#)



Card 2 of 5

<b>Year Built</b>	1999
<b>Style/Structure Type</b>	APARTMENT - GARDEN
<b># Units</b>	2
<b>Square Feet</b>	2372

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Card 3 of 5

<b>Year Built</b>	1999
<b>Style/Structure Type</b>	APARTMENT - GARDEN
<b># Units</b>	2
<b>Square Feet</b>	7317

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Card 4 of 5

<b>Year Built</b>	1999
<b>Style/Structure Type</b>	APARTMENT - GARDEN
<b># Units</b>	3
<b>Square Feet</b>	3125

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Card 5 of 5

<b>Year Built</b>	1999
<b>Style/Structure Type</b>	APARTMENT - GARDEN
<b># Units</b>	2
<b>Square Feet</b>	2336

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**Exterior/Interior Information:**

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**Current Owner Information:**

**Services**

**Applications**

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**Maps**

**Tax Relief**

**Tax Roll**

**Q & A**

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[browse facts and links a-z](#)



Best viewed at 800x600, with Internet Explorer

**CBL** 160 E001001  
**Land Use Type** RETAIL & PERSONAL SERVICE  
**Property Location** 217 CANCO RD  
**Owner Information** PORTLAND ASSISTED LIVING LLC  
 925 4TH AVE STE 3300  
 SEATTLE WA 98104  
**Book and Page** 21983/326  
**Legal Description** 160-E-1 161-A-2  
 CANCO RD  
 442415 SF  
 PARCEL B  
**Acres** 10.156

**Current Assessed Valuation:**

**TAX ACCT NO.** 48898 **OWNER OF RECORD AS OF APRIL 2010**  
 PORTLAND ASSISTED LIVING LLC  
**LAND VALUE** \$1,470,400.00 925 4TH AVE STE 3300  
**BUILDING VALUE** \$5,824,800.00 SEATTLE WA 98104  
**NET TAXABLE - REAL ESTATE** \$7,295,200.00  
**TAX AMOUNT** \$130,729.98

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or [e-mailed](#).

**Building Information:**

**Card 1 of 2**

**Year Built** 2005  
**Style/Structure Type** APARTMENT - GARDEN  
**# Units** 80  
**Building Num/Name** 1 - BIRCHWOOD  
**Square Feet** 72726

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**Card 2 of 2**

**Year Built** 2005  
**Style/Structure Type** APARTMENT - GARDEN  
**# Units** 2  
**Square Feet** 4878

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**Exterior/Interior Information:**

**Card 1**

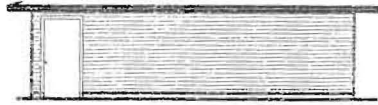
**Levels** 01/01  
**Size** 36363  
**Use** APARTMENT  
**Height** 8  
**Walls** FRAME  
**Heating** HW/STEAM  
**A/C** CENTRAL

**Card 1**

**Levels** 02/02  
**Size** 36363  
**Use** APARTMENT  
**Height** 8  
**Walls** FRAME  
**Heating** HW/STEAM  
**A/C** CENTRAL

**Card 2**

**Levels** 01/01  
**Size** 1235  
**Use** APARTMENT  
**Height** 8  
**Walls** FRAME

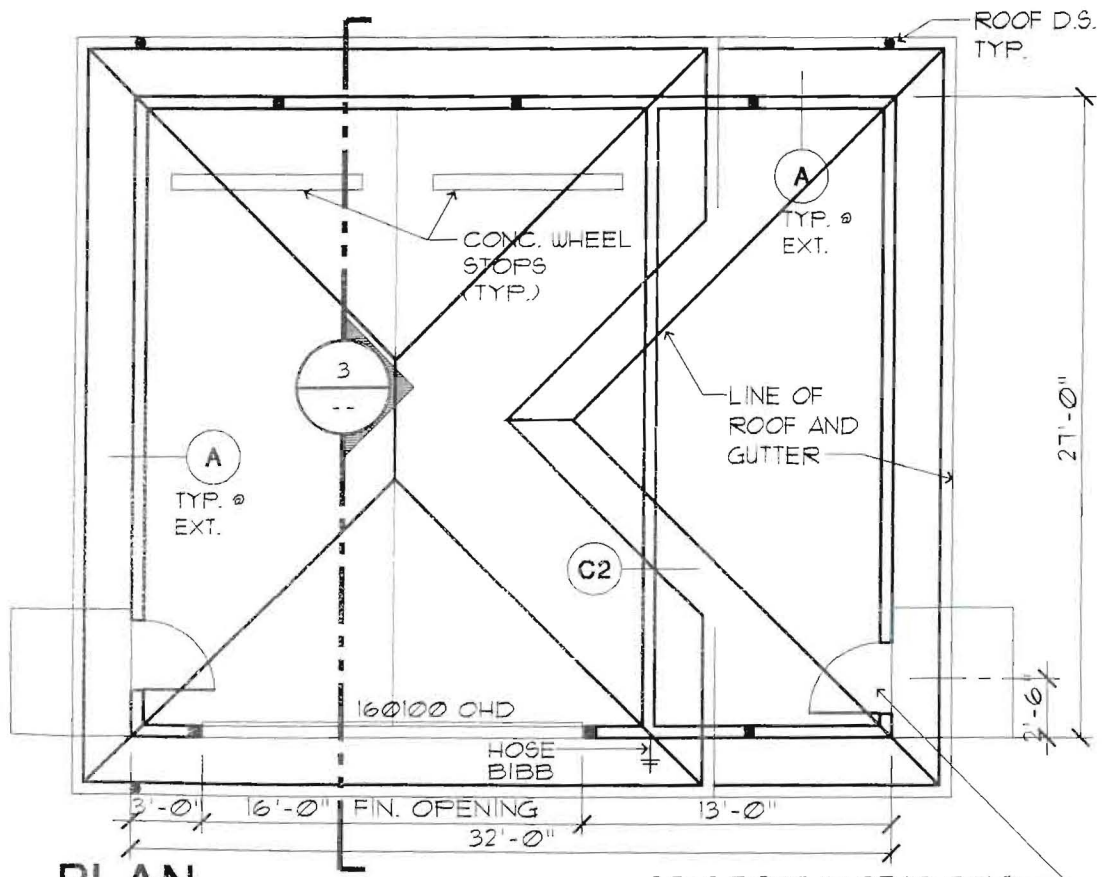


SIDE ELEVATION



SIDE ELEVATION

Z:/PORTLAND/GARAGE-STORAGE/10530003



**PLAN**  
(VAN GARAGE)

SCALE: 1/8" = 1'-0"

3068 DOOR W/ DEAD BOLT  
AND LATCH TYP OF (2)

1

T:/105PECLT/530GARG/10530005

© 2010 Lenity Group LLC / Harvest Development LLC

**VAN GARAGE**

DATE  
09

REVIS

1

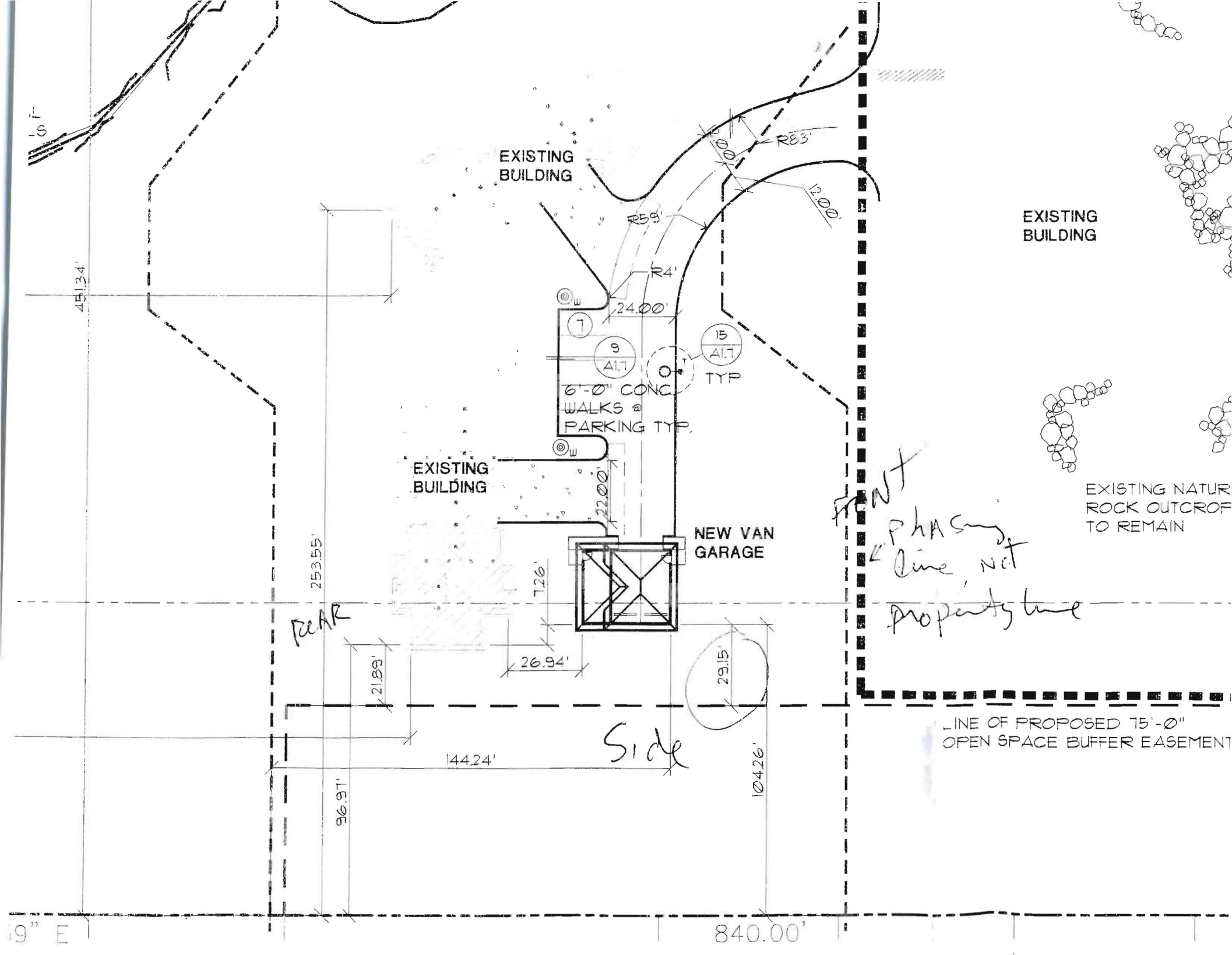
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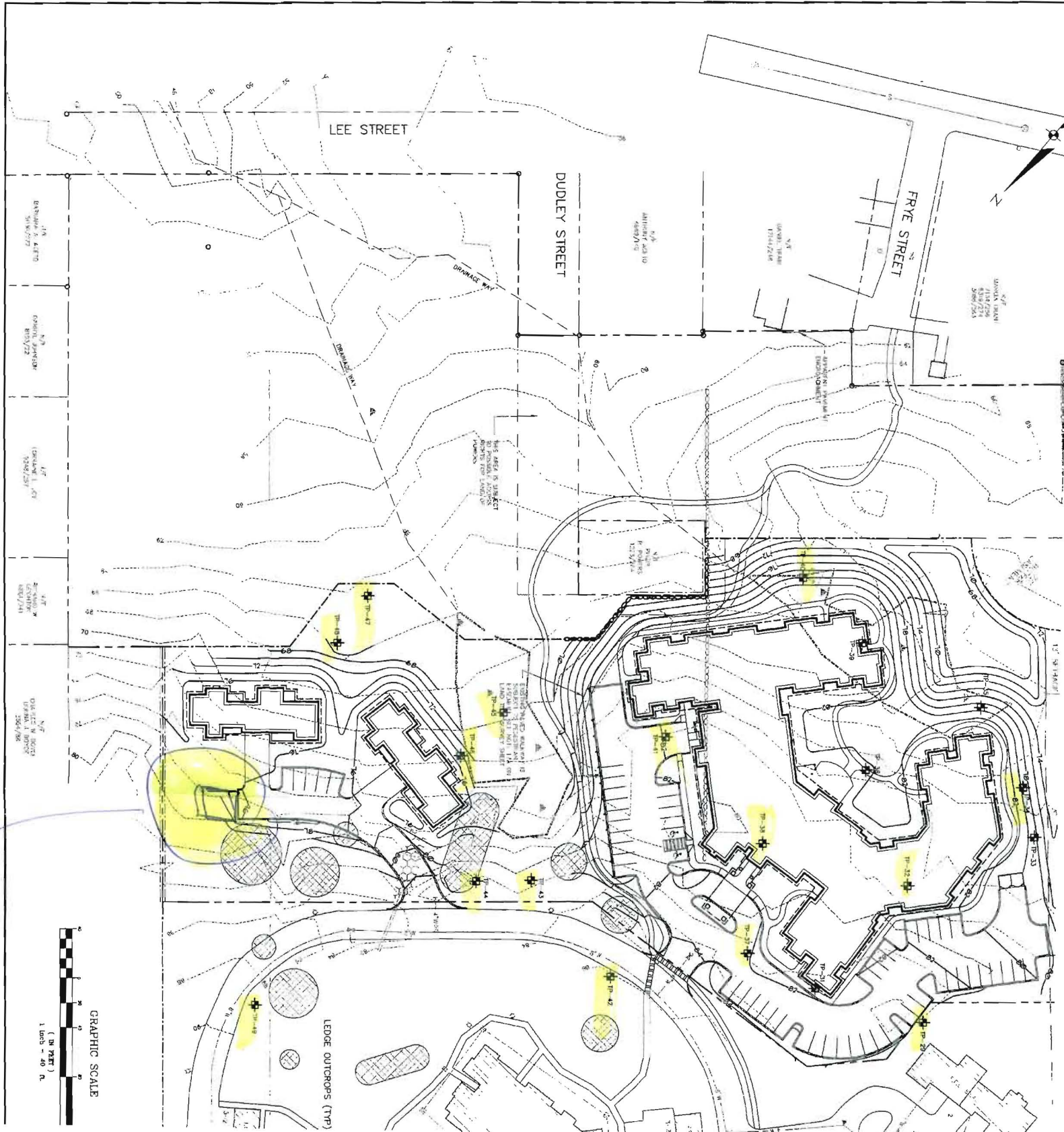
3

4

5

6





LEE STREET

DUDLEY STREET

FRYE STREET

DRAINAGE WAY

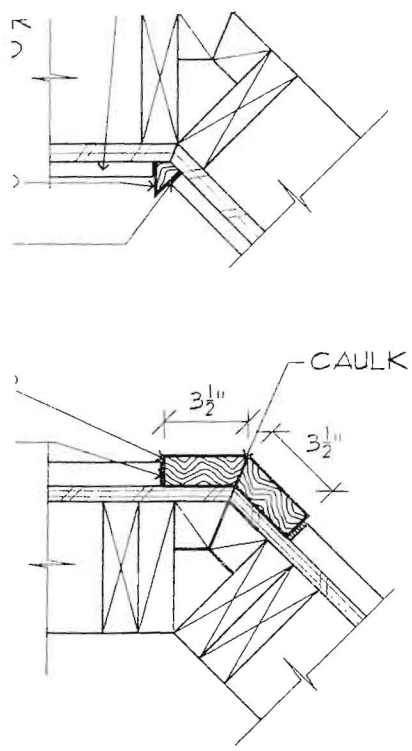
THIS AREA IS SUBJECT TO FLOODING...  
 SEE PROJECT SHEET...  
 (A-10)

EXISTING 60' WIDE...  
 FROM THE PROJECT SHEET...  
 (A-10)

LEDGE OUTCROPS (TTP)

GRAPHIC SCALE

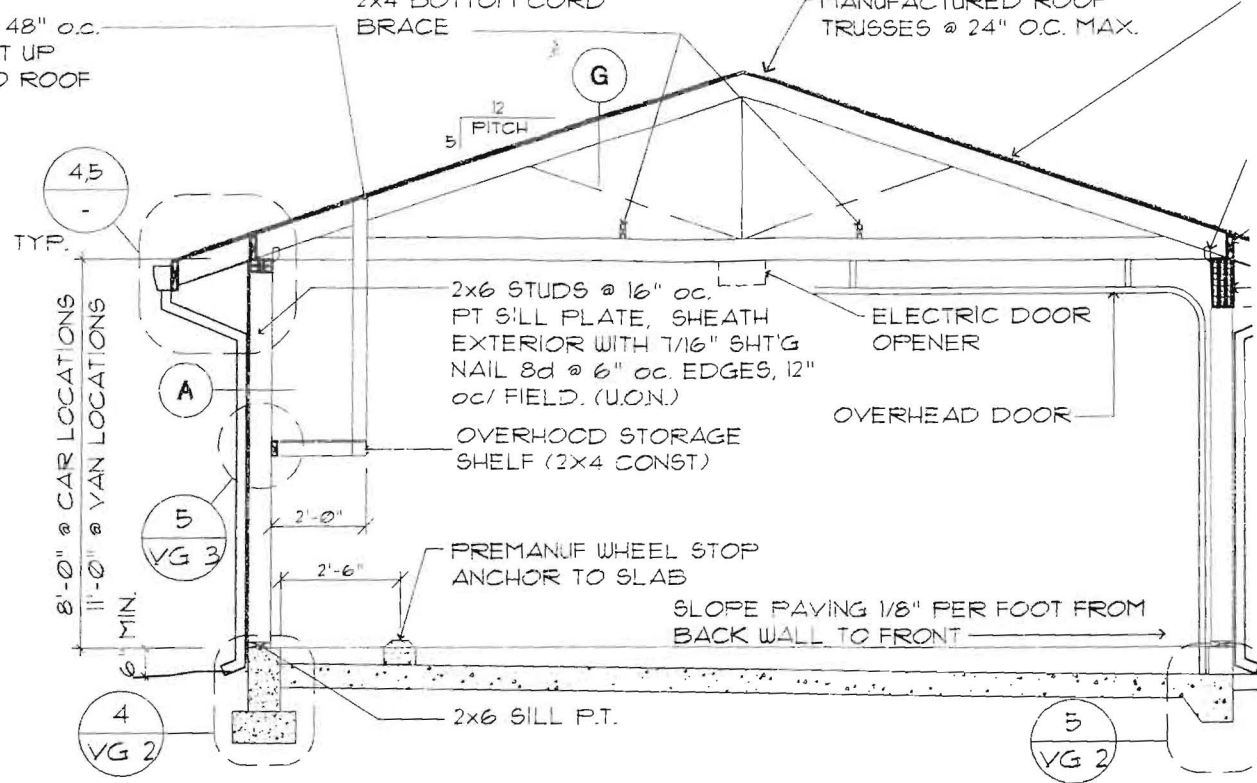
100' = 30' (1:3)



2x4 SUPPORTS @ 48" o.c.  
EXTEND SUPPORT UP  
BESIDE TRUSS TO ROOF  
SHEATHING.

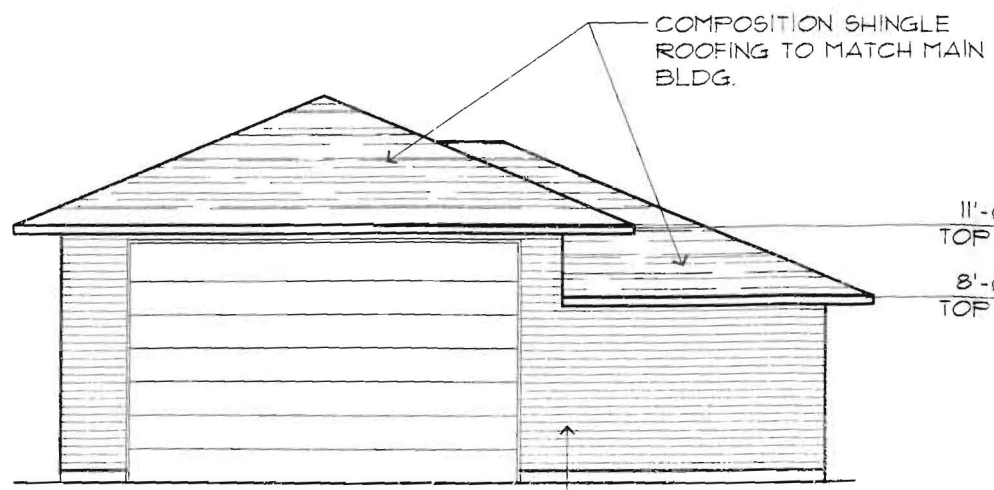
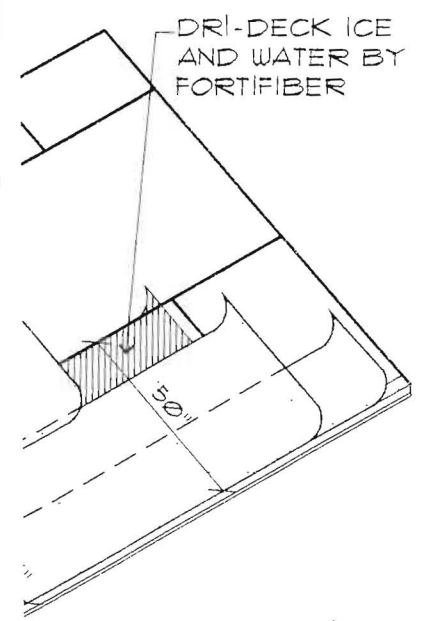
2x4 BOTTOM CORD  
BRACE

MANUFACTURED ROOF  
TRUSSES @ 24" O.C. MAX.



**ERS**  
**ENT SIDING)**  
T: / 09FINISH/980WOOD/09980010

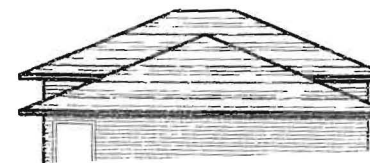
**3 BUILDING SECTION**  
**(GARAGE/ STORAGE)**  
SCALE: 1/4" = 1'-0"



FRONT ELEVATION

HORIZONTAL  
SIDING

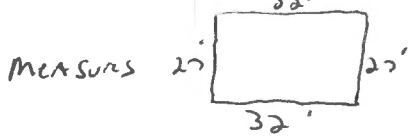
NOTE:  
EXTERIOR FINISH TO MATCH  
OTHER BUILDINGS ON SITE  
OVER 7/16" SHEATHING WITH  
BUILDING PAPER



7/11/2011

Someone will come in To  
Change Measurements on PANS (update)

Because of water line



SETBACKS APPEAR OK

BKL

7-15-11

#4 Rebar per plan

300 PSI from Dayton

on way to Penn  
MS

**LENITY GROUP, LLC**

471 HIGH STREET SE, SUITE 10  
SALEM, OR 97301  
PH: (503) 399-1090

WEST COAST BANK  
SALEM, OR 97301

96-8  
1232

1696

11/4/2010

PAY TO THE ORDER OF City of Portland

\$\*\*420.00

Four Hundred Twenty and 00/100\*\*\*\*\* DOLLARS

City of Portland

MEMO building permit fee

⑈001696⑈ ⑆123200088⑆ 0030018857⑈

LENITY GROUP, LLC • SALEM, OR 97301

1696

City of Portland

Date	Type	Reference	Original Amt.	Balance Due	Discount	Payment
10/7/2010	Bill	1072010-1	420.00	420.00		420.00
				Check Amount		420.00

West Coast Bank Che building permit fee

420.00

PLEASE DETACH THIS PORTION AND RETAIN FOR YOUR RECORDS.