

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

## CITY OF PORTLAND

Please Read  
Application And  
Notes, If Any,  
Attached

BUILDING INSPECTION

PERMIT

Permit Number: 080511

This is to certify that SCALIA HELEN M & WILSON M E BRUCE ITS /property owner

has permission to Replace existing addition (10' x 29') w/ larger energy efficient structure (24'8" x 29') - relocating kitchen and addin

AT 24 Bradley St 188 A019001

provided that the person or persons who perform or supervise this permit shall comply with all of the provisions of the Statutes of the State 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.

Verification of inspection must be taken and when permission provided before this building or part thereof is occupied or services closed-in. 4  
YOUR 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.

Health Dept.

Appeal Board

Other

JUN - 4 2008

Department Name

CITY OF PORTLAND

*Thomas N. MacRae* 6/4/08  
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:<br>08-0511 | Issue Date: | CBL:<br>188 A019001 |
|-----------------------|-------------|---------------------|

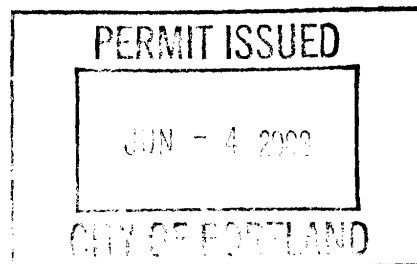
|  |   |                                       |              |
|--|---|---------------------------------------|--------------|
| Location of Construction:<br>24 Bradley St | Owner Name:<br>SCALIA HELEN M & WILLIAM | Owner Address:<br>24 BRADLEY ST       | Phone:       |
| Business Name:                             | Contractor Name:<br>property owner      | Contractor Address:                   | Phone:       |
| Lessee/Buyer's Name                        | Phone:                                  | Permit Type:<br>Additions - Dwellings | Zone:<br>R-3 |

|                                 |  |  |   |                    |
|---------------------------------|--|--|---|--------------------|
| Past Use:<br>Single Family Home | Proposed Use:<br>Single Family Home - Replace existing addition w/larger energy efficient structure relocating kitchen and adding 3/4 bathroom & adding new entry - 1 story addition | Permit Fee:<br>\$810.00  | Cost of Work:<br>\$79,000.00                      | CEO District:<br>3 |
|                                 |  | FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied | INSPECTION:<br>Use Group: R3 Type: SB<br>IRC 2003 |                    |

|  |            |                              |
|--|------------|------------------------------|
| Proposed Project Description:<br>Replace existing addition (10' x 29') w/larger energy efficient structure (24'8" x 20') - relocating kitchen and adding 3/4 bathroom & adding new entry | Signature: | Signature: <i>Jim</i> 6/4/08 |
| 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:<br>Idobson | Date Applied For:<br>05/15/2008 | <b>Zoning Approval</b> |
|-----------------------------|---------------------------------|------------------------|

|  |  |   |   |
|--|--|---|---|
| 1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.<br><br>2. Building permits do not include plumbing, septic or electrical work.<br><br>3. 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.. | <b>Special Zone or Reviews</b><br><input type="checkbox"/> Shoreland<br><input type="checkbox"/> Wetland<br><input type="checkbox"/> Flood Zone<br><input type="checkbox"/> Subdivision<br><input type="checkbox"/> Site Plan<br><br>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/><br>Date: 5/28/08 <i>ABU</i> | <b>Zoning Appeal</b><br><input type="checkbox"/> Variance<br><input type="checkbox"/> Miscellaneous<br><input type="checkbox"/> Conditional Use<br><input type="checkbox"/> Interpretation<br><input type="checkbox"/> Approved<br><input type="checkbox"/> Denied<br>Date: | <b>Historic Preservation</b><br><input checked="" type="checkbox"/> Not in District or Landmark<br><input type="checkbox"/> Does Not Require Review<br><input type="checkbox"/> Requires Review<br><input type="checkbox"/> Approved<br><input type="checkbox"/> Approved w/Conditions<br><input type="checkbox"/> Denied<br>Date: <i>ABU</i> |
|--|--|---|---|


**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



# 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: <u>24 Bradley St.</u>  |  |  |
| Total Square Footage of Proposed Structure/Area<br><u>672</u>  |  | Square Footage of Lot<br><u>11,358</u>   |
| Tax Assessor's Chart, Block & Lot<br>Chart#      Block#      Lot#<br><br><u>188 - A - 19 - 20</u>  | Applicant * <u>must</u> be owner, Lessee or Buyer*<br>Name <u>William E. Bruce</u><br>Address <u>24 Bradley St.</u><br>City, State & Zip <u>Portland, Me 04102</u> | Telephone:<br><u>207-858-7846</u>  |
| Lessee/DBA (If Applicable)<br><br><u>/</u>   | Owner (if different from Applicant)<br>Name<br>Address<br>City, State & Zip  | Cost Of Work: \$ <u>79,000</u><br>C of O Fee: \$ _____<br>Total Fee: \$ <u>810</u> |
| Current legal use (i.e. single family) <u>Single Family</u><br>If vacant, what was the previous use? _____<br>Proposed Specific use: <u>Single Family</u><br>Is property part of a subdivision? <u>No</u> If yes, please name _____<br>Project description: <u>Replace existing addition with larger energy efficient structure relocating kitchen and adding 3/4 Bathroom</u> |  |  |
| Contractor's name: <u>William E. Bruce</u><br>Address: <u>24 Bradley St</u><br>City, State & Zip <u>Portland, Me 04102</u> Telephone: <u>207-858-7846</u><br>Who should we contact when the permit is ready: <u>William E. Bruce</u> Telephone: <u>207-858-7846</u><br>Mailing address: <u>24 Bradley St. Portland, Me.</u>  |  |  |

**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: [Signature] Date: 5-12-08

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

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

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

|                              |  |                            |
|------------------------------|--|----------------------------|
| <b>Permit No:</b><br>08-0511 | <b>Date Applied For:</b><br>05/15/2008 | <b>CBL:</b><br>188 A019001 |
|------------------------------|--|----------------------------|

|   |  |  |               |
|---|--|--|---------------|
| <b>Location of Construction:</b><br>24 Bradley St | <b>Owner Name:</b><br>SCALIA HELEN M & WILLIAM E | <b>Owner Address:</b><br>24 BRADLEY ST       | <b>Phone:</b> |
| <b>Business Name:</b>                             | <b>Contractor Name:</b><br>property owner        | <b>Contractor Address:</b>                   | <b>Phone:</b> |
| <b>Lessee/Buyer's Name</b>                        | <b>Phone:</b>                                    | <b>Permit Type:</b><br>Additions - Dwellings |               |

|   |  |
|---|--|
| <b>Proposed Use:</b><br>Single Family Home - Replace existing addition w/larger energy efficient one story addition relocating kitchen and adding ¾ bathroom & adding new entry | <b>Proposed Project Description:</b><br>Replace existing addition (10' x 29') w/larger energy efficient one story addition (24'8" x 29') - relocating kitchen and adding ¾ bathroom & adding new entry |
|---|--|

**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Ann Machado      **Approval Date:** 05/28/2008

**Note:****Ok to Issue:** 

- 1) As discussed during the review process, the property must be clearly identified prior to pouring concrete and compliance with the required setbacks must be established. Due to the proximity of the setbacks of the proposed addition, it may be required to be located by a surveyor.
- 2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Tom Markley      **Approval Date:** 06/04/2008

**Note:****Ok to Issue:** 

- 1) Separate permits are required for any electrical, plumbing, or HVAC systems. 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.

**Comments:**

5/20/2008-amachado: Spoke to the owner. Don't know dimensions of new side entry porch and it is not shown on the plot plan.  
5/23/2008-gg: Owner added dimensions of side entry to plot plan, gave back to Ann. /gg  
5/23/2008-amachado: Called owner. Need to know the front setback and more specific on the dimensions of the side entry.  
5/28/2008-amachado: 3333333

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY )

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

**By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.**

**A Pre-construction Meeting will take place upon receipt of your building permit.**

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

  X   **Foundation Inspection: Prior to placing ANY backfill for below grade occupiable space**

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

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

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

**If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.**

**CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.**

\_\_\_\_\_  
Signature of Applicant/Designee

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Inspections Official

\_\_\_\_\_  
Date

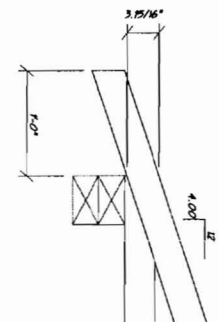
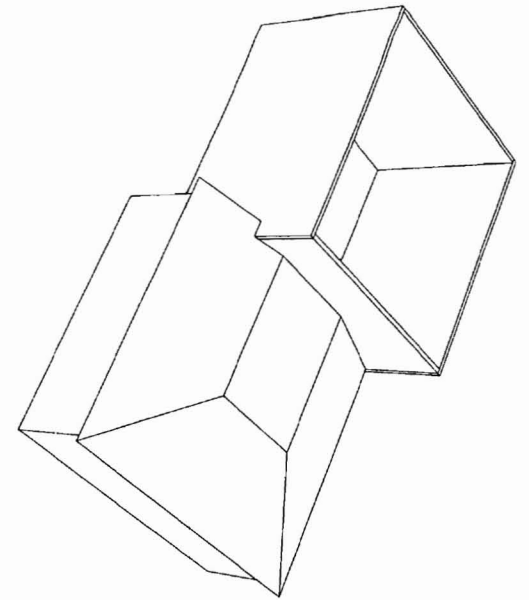
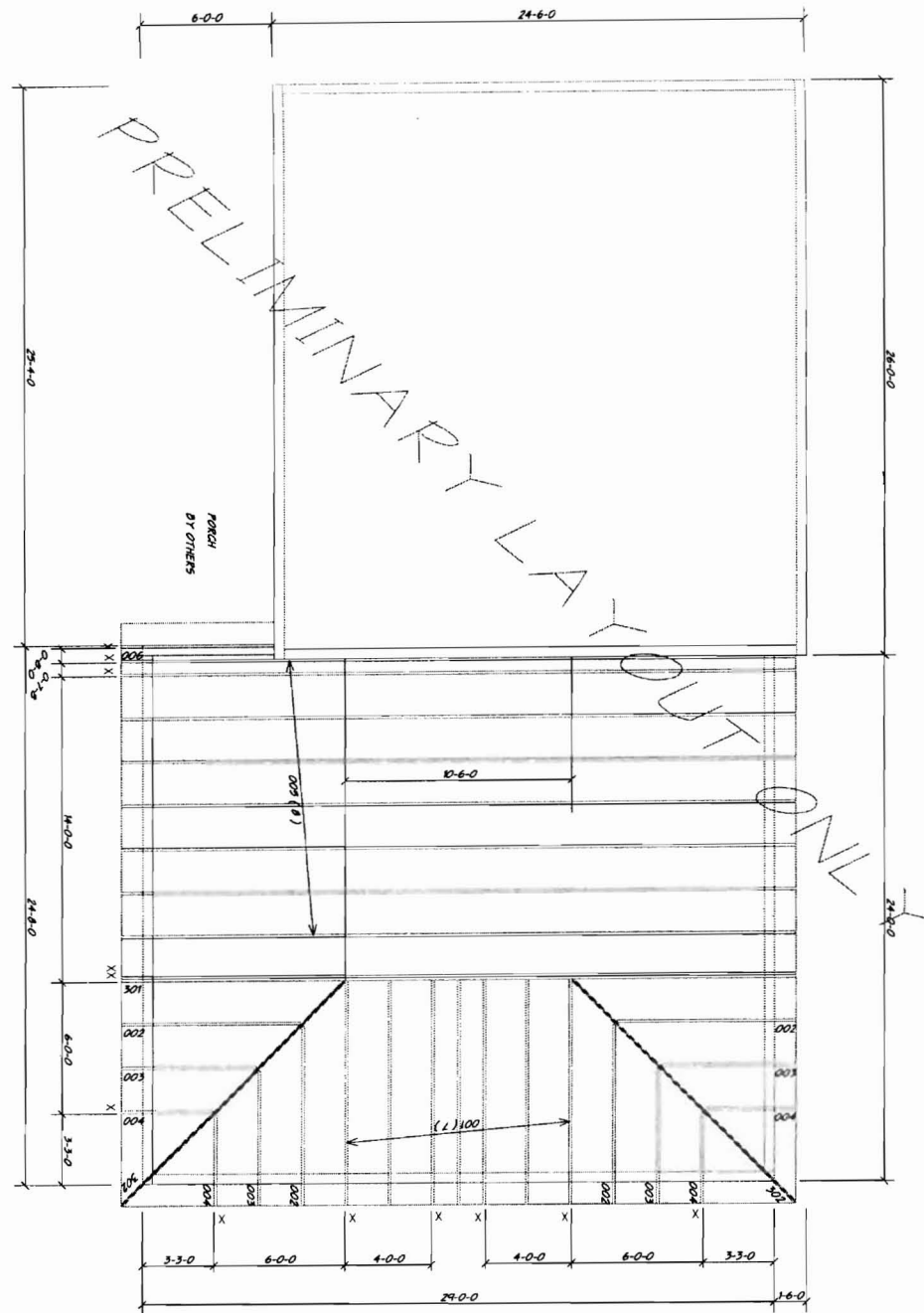
## WINDOW TYPES

| symbol | mfr.     | model #   | type                         | quantity | rough openings (w x h)  |
|--------|----------|-----------|------------------------------|----------|-------------------------|
| A      | ANDERSEN | 244GW4020 | Gliding Window               | (9)      | (4'-0" x 2'-0")         |
| B      | ANDERSEN | 244GW4016 | Gliding Window               | (1)      | (4'-0" x 1'-6")         |
| C      | ANDERSEN | CXW15     | Inoperable Casement          | (2)      | (3'-0 1/2" x 5'-0 3/8") |
| D      | ANDERSEN | CN16      | Inoperable Casement          | (3)      | (1'-9" x 6'-0 3/8")     |
| 102    | ANDERSEN | FWH2968AL | Frenchwood Hinged Patio Door | (1)      | (2'-9" x 6'-8")         |
| 101    | Prosoo   | 8101231   | Entry Door                   | (1)      | 2'6" x 6'6"             |

ADDITION TO:  
**SCALIA / BRUCE RESIDENCE**  
**24 BRADLEY STREET**  
**PORTLAND, ME**

DAVID HEMBRE-ARCHITECT, INC.  
 45 CASCO STREET  
 PORTLAND, ME  
 (207) 699-2688

DHA PROJ. # 20706



TYP. HEEL DETAIL

WOOD STRUCTURES INC. 20 POMERLEAU STREET BIDDEFORD, MAINE 04005 - TEL NO. 1-207-282-7556

CUSTOMER: HILLSIDE LUMBER

JOB NAME: SCALIA-DRUCE RESIDENCE

LEGAL ADDRESS: PORTLAND, ME

ORDER NO: KR1161

DRAWN BY: JAB

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

DATE: 04/28/08

LOADING CHART (psf)

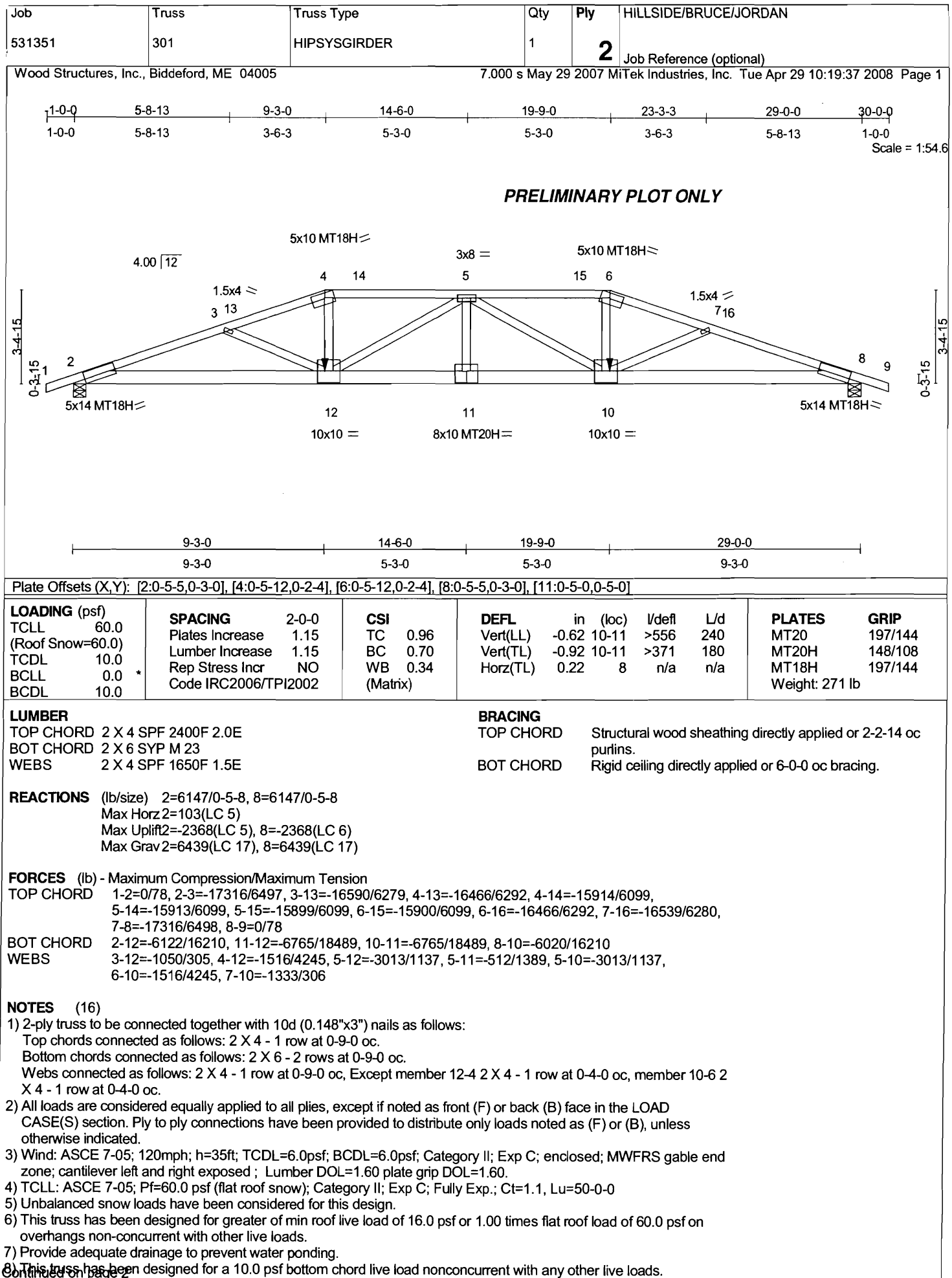
TCLL = 60  
 TCDL = 10  
 BCLL = 42" BOCA  
 BCDL = 10

DIMENSION KEY

INCHES  
 12 - 6 - 8  
 FEET SIXTEENTHS

GENERAL NOTES:

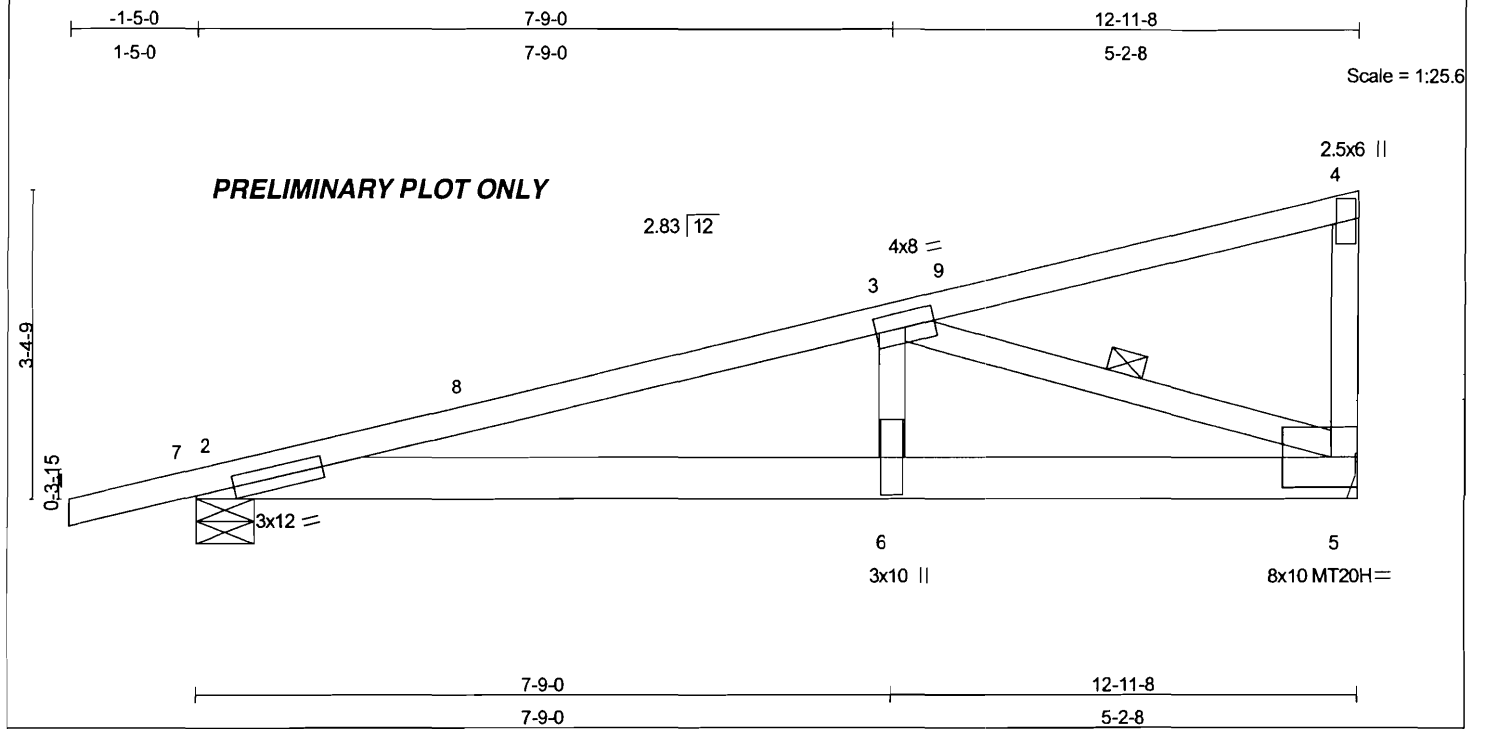
- FOR BRACING REQUIREMENTS AND DIRECTION CONSULT SECTION SEE T.P. 1, PUBLICATION 1031-86.
- BRACING STOCK (2X4 MIN.) NOT SUPPLIED BY WOOD STRUCTURES INC.
- SEE TRUSS ENGINEERING FOR ADDITIONAL INFORMATION.
- ALL BRACINGS, DESIGN LOADS AND TRUSS QUANTITIES MUST BE REVIEWED PRIOR TO FABRICATION.
- ADDITIONAL BRACING AS REQUIRED BY OTHERS.
- THIS BRACING IS INTENDED TO BE USED AS A LIGHT BRACE AND THE FINAL DESIGN MUST BE ASSURED PRIOR TO FABRICATION AND CHECKING OF THE BRACING IS NOT A COMPLETE FINISH PLAN.
- IF ANY APPROVALS OF THIS LAYOUT AND THE TRUSS COMPONENTS TO BE SUPPLIED FOR THIS PROJECT ARE REQUIRED, THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE LOCAL BUILDING DEPARTMENT.
- UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE AS PER THE TRUSS MANUFACTURER'S SPECIFICATIONS AND SHALL BE SUPPLIED BY THE TRUSS MANUFACTURER.





|  |       |  |     |     |                          |
|--|-------|--|-----|-----|--------------------------|
| Job  | Truss | Truss Type   | Qty | Ply | HILLSIDE/BRUCE/JORDAN    |
| 531351   | 301   | HIPSYSGIRDER   | 1   | 2   | Job Reference (optional) |
| Wood Structures, Inc., Biddeford, ME 04005   |       | 7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:37 2008 Page 2 |     |     |                          |
| <p><b>NOTES</b> (16)</p> <p>9) All plates are MT20 plates unless otherwise indicated.</p> <p>10) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.</p> <p>11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.</p> <p>12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2368 lb uplift at joint 2 and 2368 lb uplift at joint 8.</p> <p>13) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.</p> <p>14) Girder carries hip end with 9-3-0 right side setback, 9-3-0 left side setback, and 10-0-0 end setback.</p> <p>15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2097 lb down and 1048 lb up at 19-9-0, and 2097 lb down and 1048 lb up at 9-3-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.</p> <p>16) Drawing prepared exclusively for manufacturing by Wood Structures Inc.</p> <p><b>LOAD CASE(S)</b> Standard</p> <p>1) Snow: Lumber Increase=1.15, Plate Increase=1.15</p> <p>Uniform Loads (plf)</p> <p>Vert: 1-4=-140, 4-6=-237(F=-97), 6-9=-140, 2-12=-20, 10-12=-233(F=-213), 8-10=-20</p> <p>Concentrated Loads (lb)</p> <p>Vert: 12=-2097(F) 10=-2097(F)</p> |       |  |     |     |                          |

|  |       |             |  |     |                          |
|--|-------|-------------|--|-----|--------------------------|
| Job  | Truss | Truss Type  | Qty  | Ply | HILLSIDE/BRUCE/JORDAN    |
| 531351                                     | 302   | MONO GIRDER | 2  | 1   | Job Reference (optional) |
| Wood Structures, Inc., Biddeford, ME 04005 |       |             | 7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:39 2008 Page 1 |     |                          |



|                               |   |   |   |               |                    |
|-------------------------------|---|---|---|---------------|--------------------|
| <b>LOADING</b> (psf)          | <b>SPACING</b>  | <b>CSI</b>                                | <b>DEFL</b>   | <b>PLATES</b> | <b>GRIP</b>        |
| TCLL 60.0<br>(Roof Snow=60.0) | 2-0-0<br>Plates Increase 1.15<br>Lumber Increase 1.15<br>Rep Stress Incr NO<br>Code IRC2006/TPI2002 | TC 0.99<br>BC 0.58<br>WB 0.49<br>(Matrix) | in (loc) l/def L/d<br>Vert(LL) -0.20 2-6 >765 240<br>Vert(TL) -0.28 2-6 >531 180<br>Horz(TL) 0.04 5 n/a n/a | MT20<br>MT20H | 197/144<br>148/108 |
| TCDL 10.0                     |   |   |   |               |                    |
| BCLL 0.0 *                    |   |   |   |               |                    |
| BCDL 10.0                     |   |   |   | Weight: 57 lb |                    |

|                                |   |
|--------------------------------|---|
| <b>LUMBER</b>                  | <b>BRACING</b>  |
| TOP CHORD 2 X 4 SPF 2100F 1.8E | TOP CHORD Structural wood sheathing directly applied or 2-4-4 oc purlins, except end verticals. |
| BOT CHORD 2 X 6 SYP M 23       | BOT CHORD Rigid ceiling directly applied or 9-0-13 oc bracing.                                  |
| WEBS 2 X 4 SPF 1650F 1.5E      | WEBS 1 Row at midpt 3-5   |

**REACTIONS** (lb/size) 5=2168/Mechanical, 2=1348/0-7-12  
 Max Horz 2=-391(LC 10)  
 Max Uplift 5=-655(LC 5), 2=-576(LC 5)  
 Max Grav 5=2425(LC 2), 2=1511(LC 2)

**FORCES** (lb) - Maximum Compression/Maximum Tension  
 TOP CHORD 1-7=0/43, 2-7=0/51, 2-8=-3952/1274, 3-8=-3939/1274, 3-9=-198/167, 4-9=-153/167, 4-5=-293/0  
 BOT CHORD 2-6=-955/3831, 5-6=-955/3831  
 WEBS 3-6=-927/1924, 3-5=-3878/1120

**NOTES** (13)

- 1) Wind: ASCE 7-05; 120mph; h=35ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) TCLL: ASCE 7-05; Pf=60.0 psf (flat roof snow); Category II; Exp C; Fully Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 60.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) All plates are MT20 plates unless otherwise indicated.
- 7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
- 8) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 9) Refer to girder(s) for truss to truss connections.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint 5 and 576 lb uplift at joint 2.
- 11) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
- 13) Drawing prepared exclusively for manufacturing by Wood Structures Inc.

|        |       |             |     |     |                          |
|--------|-------|-------------|-----|-----|--------------------------|
| Job    | Truss | Truss Type  | Qty | Ply | HILLSIDE/BRUCE/JORDAN    |
| 531351 | 302   | MONO GIRDER | 2   | 1   | Job Reference (optional) |

Wood Structures, Inc., Biddeford, ME 04005

7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:40 2008 Page 2

**LOAD CASE(S)** Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-7=-140

Trapezoidal Loads (plf)

Vert: 2=-13(F=3, B=3)-to-5=-518(F=-249, B=-249)

|  |              |                          |          |          |  |
|--|--------------|--------------------------|----------|----------|--|
| Job<br>531351                              | Truss<br>001 | Truss Type<br>MONO TRUSS | Qty<br>7 | Ply<br>1 | HILLSIDE/BRUCE/JORDAN  |
| Wood Structures, Inc., Biddeford, ME 04005 |              |                          |          |          | 7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:21 2008 Page 1 |
| Job Reference (optional)                   |              |                          |          |          |  |

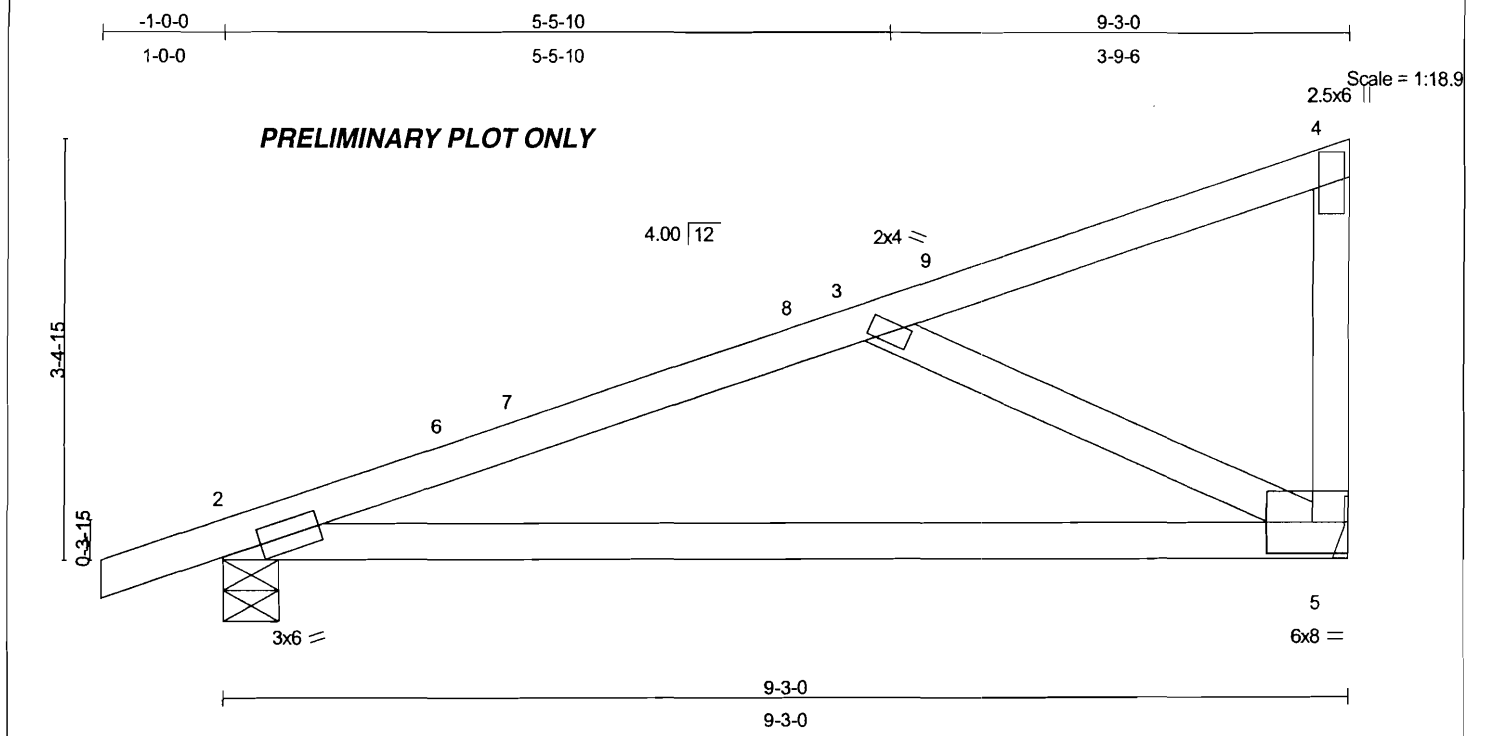


Plate Offsets (X,Y): [2:0-3-14,0-1-8]

|                               |  |   |   |               |             |
|-------------------------------|--|---|---|---------------|-------------|
| <b>LOADING</b> (psf)          | <b>SPACING</b>   | <b>CSI</b>                                | <b>DEFL</b>   | <b>PLATES</b> | <b>GRIP</b> |
| TCLL 60.0<br>(Roof Snow=60.0) | 2-0-0<br>Plates Increase 1.15<br>Lumber Increase 1.15<br>Rep Stress Incr YES<br>Code IRC2006/TPI2002 | TC 0.63<br>BC 0.47<br>WB 0.25<br>(Matrix) | in (loc) l/def L/d<br>Vert(LL) -0.13 2-5 >817 240<br>Vert(TL) -0.34 2-5 >314 180<br>Horz(TL) 0.02 5 n/a n/a | MT20          | 197/144     |
| TCDL 10.0                     |  |   |   | Weight: 31 lb |             |
| BCLL 0.0 *                    |  |   |   |               |             |
| BCDL 10.0                     |  |   |   |               |             |

**LUMBER**

TOP CHORD 2 X 4 SPF 1650F 1.5E  
BOT CHORD 2 X 4 SPF 1650F 1.5E  
WEBS 2 X 4 SPF 1650F 1.5E

**BRACING**

TOP CHORD Structural wood sheathing directly applied or 5-3-8 oc purlins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

**REACTIONS**

(lb/size) 5=698/Mechanical, 2=894/0-5-8  
Max Horz 2=277(LC 6)  
Max Uplift 5=-279(LC 6), 2=-335(LC 6)  
Max Grav 5=868(LC 2), 2=993(LC 2)

**FORCES**

(lb) - Maximum Compression/Maximum Tension  
TOP CHORD 1-2=0/41, 2-6=-1355/302, 6-7=-1245/309, 7-8=-1242/318, 3-8=-1082/320, 3-9=-228/0, 4-9=-186/0, 4-5=-258/180  
BOT CHORD 2-5=-491/1171  
WEBS 3-5=-1187/538

**NOTES** (11)

- 1) Wind: ASCE 7-05; 120mph; h=35ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 4-10-5, Exterior(2) 4-10-5 to 9-1-4 zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-05; Pf=60.0 psf (flat roof snow); Category II; Exp C; Fully Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 60.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
- 7) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 8) Refer to girder(s) for truss to truss connections.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 279 lb uplift at joint 5 and 335 lb uplift at joint 2.
- 10) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

| Job  | Truss | Truss Type | Qty  | Ply | HILLSIDE/BRUCE/JORDAN    |
|--|-------|------------|--|-----|--------------------------|
| 531351   | 001   | MONO TRUSS | 7  | 1   | Job Reference (optional) |
| Wood Structures, Inc., Biddeford, ME 04005                                 |       |            | 7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:21 2008 Page 2 |     |                          |
| 11) Drawing prepared exclusively for manufacturing by Wood Structures Inc. |       |            |  |     |                          |
| <b>LOAD CASE(S)</b> Standard   |       |            |  |     |                          |

| Job   | Truss  | Truss Type  | Qty   | Ply           | HILLSIDE/BRUCE/JORDAN    |
|---|--|---|---|---------------|--------------------------|
| 531351  | 002  | JACK  | 4   | 1             | Job Reference (optional) |
| Wood Structures, Inc., Biddeford, ME 04005  |  |   | 7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:23 2008 Page 1                                  |               |                          |
|   |  |   |   |               |                          |
| <b>LOADING</b> (psf)  | <b>SPACING</b>   | <b>CSI</b>  | <b>DEFL</b>   | <b>PLATES</b> | <b>GRIP</b>              |
| TCLL 60.0<br>(Roof Snow=60.0)   | 2-0-0<br>Plates Increase 1.15<br>Lumber Increase 1.15  | TC 0.37<br>BC 0.41<br>WB 0.13<br>(Matrix)   | in (loc) l/def L/d<br>Vert(LL) -0.12 2-5 >686 240<br>Vert(TL) -0.30 2-5 >274 180<br>Horz(TL) 0.01 5 n/a n/a | MT20          | 197/144                  |
| TCDL 10.0   | Rep Stress Incr YES  |   |   |               |                          |
| BCLL 0.0 *  | Code IRC2006/TPI2002   |   |   |               |                          |
| BCDL 10.0   |  |   |   |               | Weight: 24 lb            |
| <b>LUMBER</b>   |  | <b>BRACING</b>  |   |               |                          |
| TOP CHORD 2 X 4 SPF 1650F 1.5E  |  | TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. |   |               |                          |
| BOT CHORD 2 X 4 SPF 1650F 1.5E  |  | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.                                  |   |               |                          |
| WEBS 2 X 4 SPF 1650F 1.5E   |  |   |   |               |                          |
| <b>REACTIONS</b> (lb/size)  | 5=527/Mechanical, 2=731/0-5-8  |   |   |               |                          |
|   | Max Horz 2=222(LC 6)   |   |   |               |                          |
|   | Max Uplift 5=-209(LC 6), 2=-290(LC 8)  |   |   |               |                          |
|   | Max Grav 5=642(LC 2), 2=809(LC 2)  |   |   |               |                          |
| <b>FORCES</b> (lb) - Maximum Compression/Maximum Tension  |  |   |   |               |                          |
| TOP CHORD   | 1-2=0/41, 2-6=-957/323, 6-7=-867/325, 7-8=-864/325, 3-8=-821/334, 3-9=-103/0, 4-9=-43/42, 4-5=-185/125 |   |   |               |                          |
| BOT CHORD   | 2-5=-488/813   |   |   |               |                          |
| WEBS  | 3-5=-901/541   |   |   |               |                          |
| <b>NOTES</b> (11)   |  |   |   |               |                          |
| 1) Wind: ASCE 7-05; 120mph; h=35ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 2-9-4, Exterior(2) 2-9-4 to 7-0-3 zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified. |  |   |   |               |                          |
| 2) TCLL: ASCE 7-05; Pf=60.0 psf (flat roof snow); Category II; Exp C; Fully Exp.; Ct=1.1  |  |   |   |               |                          |
| 3) Unbalanced snow loads have been considered for this design.  |  |   |   |               |                          |
| 4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 60.0 psf on overhangs non-concurrent with other live loads.   |  |   |   |               |                          |
| 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.  |  |   |   |               |                          |
| 6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.  |  |   |   |               |                          |
| 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.   |  |   |   |               |                          |
| 8) Refer to girder(s) for truss to truss connections.   |  |   |   |               |                          |
| 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 209 lb uplift at joint 5 and 290 lb uplift at joint 2.   |  |   |   |               |                          |
| 10) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.  |  |   |   |               |                          |
| 11) Drawing prepared exclusively for manufacturing by Wood Structures Inc.  |  |   |   |               |                          |
| Continued on page 2   |  |   |   |               |                          |

| Job    | Truss | Truss Type | Qty | Ply | HILLSIDE/BRUCE/JORDAN    |
|--------|-------|------------|-----|-----|--------------------------|
| 531351 | 002   | JACK       | 4   | 1   | Job Reference (optional) |

Wood Structures, Inc., Biddeford, ME 04005

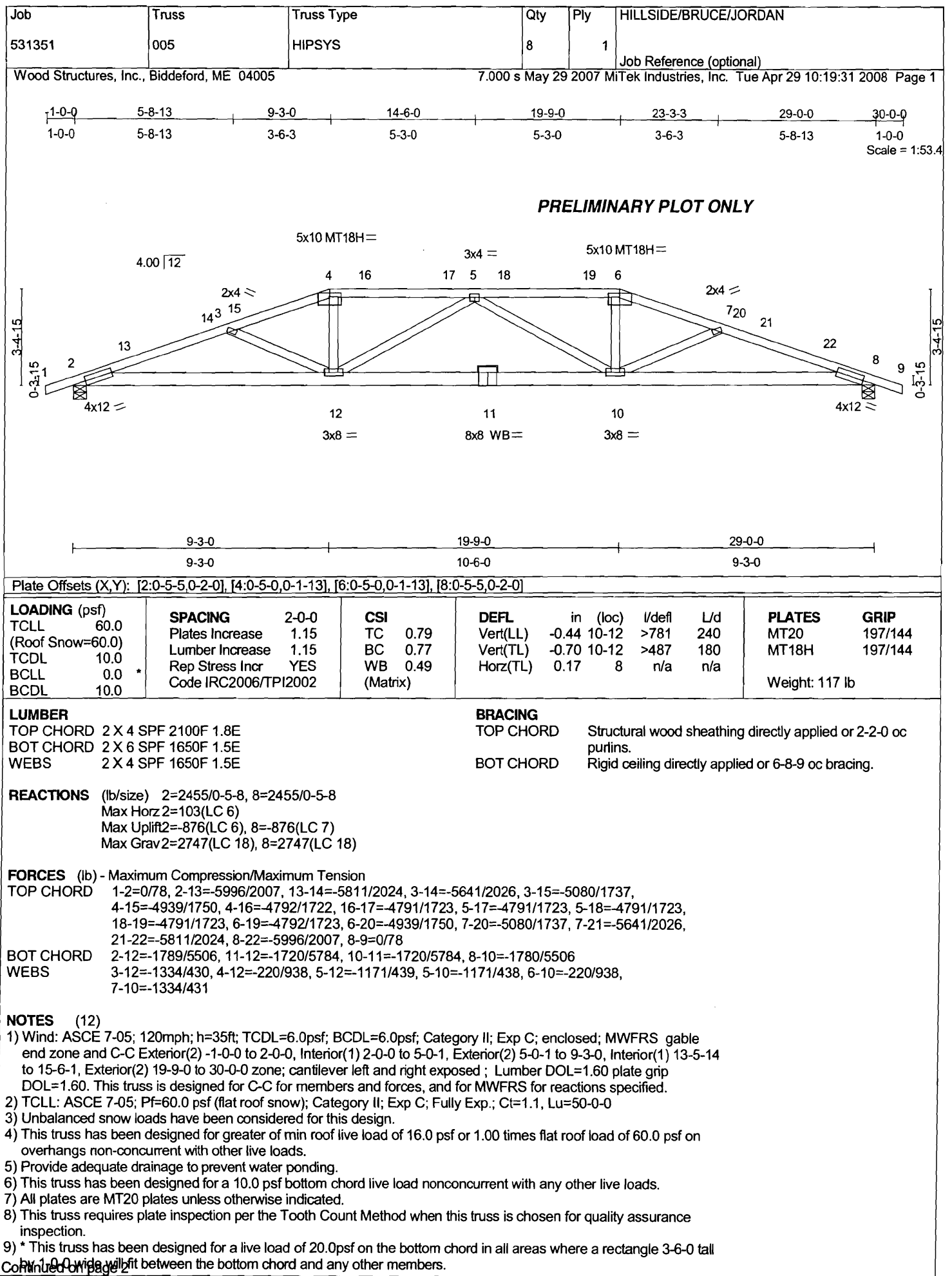
7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:23 2008 Page 2

**LOAD CASE(S)** Standard

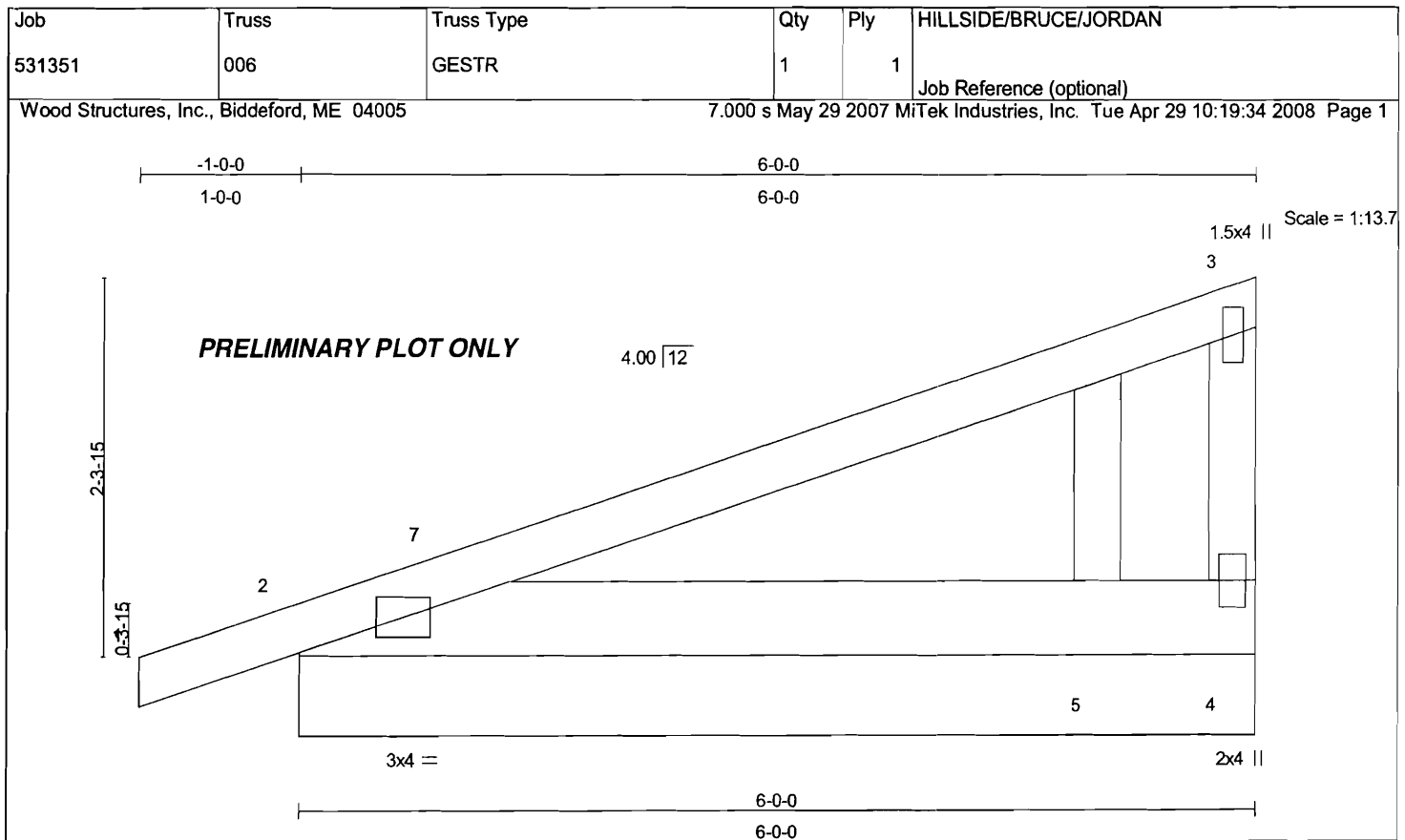
| Job  | Truss  | Truss Type                                | Qty   | Ply           | HILLSIDE/BRUCE/JORDAN  |
|--|--|---|---|---------------|--|
| 531351   | 004  | JACK                                      | 4   | 1             |  |
| Wood Structures, Inc., Biddeford, ME 04005   |  |   |   |               | Job Reference (optional)   |
|  |  |   |   |               | 7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:28 2008 Page 1 |
| <b>PRELIMINARY PLOT ONLY</b>   |  |   |   |               |  |
|  |  |   |   |               |  |
| Plate Offsets (X,Y): [2:0-0-0,0-0-0], [3:0-0-0,0-0-0]  |  |   |   |               |  |
| <b>LOADING</b> (psf)   | <b>SPACING</b>   | <b>CSI</b>                                | <b>DEFL</b>   | <b>PLATES</b> | <b>GRIP</b>  |
| TCLL 60.0<br>(Roof Snow=60.0)  | 2-0-0<br>Plates Increase 1.15<br>Lumber Increase 1.15  | TC 0.22<br>BC 0.07<br>WB 0.00<br>(Matrix) | in (loc) l/def L/d<br>Vert(LL) -0.00 2-4 >999 240<br>Vert(TL) -0.01 2-4 >999 180<br>Horz(TL) 0.00 n/a n/a | MT20          | 197/144  |
| TCDL 10.0  | Rep Stress Incr YES<br>Code IRC2006/TPI2002  |   |   |               |  |
| BCLL 0.0 *   |  |   |   |               |  |
| BCDL 10.0  |  |   |   |               | Weight: 12 lb  |
| <b>LUMBER</b>  | <b>BRACING</b>   |   |   |               |  |
| TOP CHORD 2 X 4 SYP No.2   | TOP CHORD Structural wood sheathing directly applied or 3-1-15 oc purlins, except end verticals. |   |   |               |  |
| BOT CHORD 2 X 4 SYP No.2   | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.                                   |   |   |               |  |
| WEBS 2 X 4 SPF 1650F 1.5E  |  |   |   |               |  |
| <b>REACTIONS</b> (lb/size) 4=185/Mechanical, 2=433/0-5-8   |  |   |   |               |  |
| Max Horz 2=116(LC 6)   |  |   |   |               |  |
| Max Uplift 4=-64(LC 6), 2=-213(LC 6)   |  |   |   |               |  |
| Max Grav 4=211(LC 2), 2=459(LC 2)  |  |   |   |               |  |
| <b>FORCES</b> (lb) - Maximum Compression/Maximum Tension   |  |   |   |               |  |
| TOP CHORD 1-2=0/41, 2-3=-90/48, 3-4=-183/136   |  |   |   |               |  |
| BOT CHORD 2-4=0/0  |  |   |   |               |  |
| <b>NOTES</b> (11)  |  |   |   |               |  |
| 1) Wind: ASCE 7-05; 120mph; h=35ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified. |  |   |   |               |  |
| 2) TCLL: ASCE 7-05; Pf=60.0 psf (flat roof snow); Category II; Exp C; Fully Exp.; Ct=1.1   |  |   |   |               |  |
| 3) Unbalanced snow loads have been considered for this design.   |  |   |   |               |  |
| 4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 60.0 psf on overhangs non-concurrent with other live loads.  |  |   |   |               |  |
| 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.   |  |   |   |               |  |
| 6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.   |  |   |   |               |  |
| 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.  |  |   |   |               |  |
| 8) Refer to girder(s) for truss to truss connections.  |  |   |   |               |  |
| 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 4 and 213 lb uplift at joint 2.   |  |   |   |               |  |
| 10) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.   |  |   |   |               |  |
| 11) Drawing prepared exclusively for manufacturing by Wood Structures Inc.   |  |   |   |               |  |
| <b>LOAD CASE(S)</b> Standard   |  |   |   |               |  |



| Job  | Truss | Truss Type   | Qty   | Ply        | HILLSIDE/BRUCE/JORDAN    |  |       |               |     |             |      |     |     |      |               |
|--|-------|--|-------|------------|--------------------------|--|-------|---------------|-----|-------------|------|-----|-----|------|---------------|
| 531351   | 004   | JACK   | 4     | 1          | Job Reference (optional) |  |       |               |     |             |      |     |     |      |               |
| Wood Structures, Inc., Biddeford, ME 04005   |       | 7.000 s May 29 2007 MITek Industries, Inc. Tue Apr 29 10:19:28 2008 Page 1 |       |            |                          |  |       |               |     |             |      |     |     |      |               |
|  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| Plate Offsets (X,Y): [2:0-0-0,0-0-0], [3:0-0-0,0-0-0]  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| <b>LOADING</b> (psf)   |       | <b>SPACING</b>   |       | <b>CSI</b> |                          | <b>DEFL</b>  |       | <b>PLATES</b> |     | <b>GRIP</b> |      |     |     |      |               |
| TCLL   | 60.0  | Plates Increase  | 2-0-0 | TC         | 0.22                     | Vert(LL)   | -0.00 | in (loc)      | 2-4 | I/defl      | >999 | L/d | 240 | MT20 | 197/144       |
| (Roof Snow=60.0)   |       | Lumber Increase  | 1.15  | BC         | 0.07                     | Vert(TL)   | -0.01 |               | 2-4 |             | >999 |     | 180 |      |               |
| TCDL   | 10.0  | Rep Stress Incr  | YES   | WB         | 0.00                     | Horz(TL)   | 0.00  |               |     |             | n/a  |     | n/a |      |               |
| BCLL   | 0.0 * | Code IRC2006/TPI2002   |       | (Matrix)   |                          |  |       |               |     |             |      |     |     |      |               |
| BCDL   | 10.0  |  |       |            |                          |  |       |               |     |             |      |     |     |      | Weight: 12 lb |
| <b>LUMBER</b>  |       |  |       |            |                          | <b>BRACING</b>   |       |               |     |             |      |     |     |      |               |
| TOP CHORD 2 X 4 SYP No.2   |       |  |       |            |                          | TOP CHORD Structural wood sheathing directly applied or 3-1-15 oc purlins, except end verticals. |       |               |     |             |      |     |     |      |               |
| BOT CHORD 2 X 4 SYP No.2   |       |  |       |            |                          | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.                                   |       |               |     |             |      |     |     |      |               |
| WEBS 2 X 4 SPF 1650F 1.5E  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| <b>REACTIONS</b> (lb/size) 4=185/Mechanical, 2=433/0-5-8   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| Max Horz 2=116(LC 6)   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| Max Uplift 4=-64(LC 6), 2=-213(LC 6)   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| Max Grav 4=211(LC 2), 2=459(LC 2)  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| <b>FORCES</b> (lb) - Maximum Compression/Maximum Tension   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| TOP CHORD 1-2=0/41, 2-3=-90/48, 3-4=-183/136   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| BOT CHORD 2-4=0/0  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| <b>NOTES</b> (11)  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 1) Wind: ASCE 7-05; 120mph; h=35ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified. |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 2) TCLL: ASCE 7-05; Pf=60.0 psf (flat roof snow); Category II; Exp C; Fully Exp.; Ct=1.1   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 3) Unbalanced snow loads have been considered for this design.   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 60.0 psf on overhangs non-concurrent with other live loads.  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 8) Refer to girder(s) for truss to truss connections.  |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 4 and 213 lb uplift at joint 2.   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 10) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| 11) Drawing prepared exclusively for manufacturing by Wood Structures Inc.   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |
| <b>LOAD CASE(S)</b> Standard   |       |  |       |            |                          |  |       |               |     |             |      |     |     |      |               |



| Job  | Truss | Truss Type | Qty  | Ply | HILLSIDE/BRUCE/JORDAN    |
|--|-------|------------|--|-----|--------------------------|
| 531351   | 005   | HIPSYS     | 8  | 1   | Job Reference (optional) |
| Wood Structures, Inc., Biddeford, ME 04005   |       |            | 7.000 s May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:32 2008 Page 2 |     |                          |
| <p><b>NOTES</b> (12)</p> <p>10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 876 lb uplift at joint 2 and 876 lb uplift at joint 8.</p> <p>11) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.</p> <p>12) Drawing prepared exclusively for manufacturing by Wood Structures Inc.</p> <p><b>LOAD CASE(S)</b> Standard</p> |       |            |  |     |                          |



| LOADING (psf)                 | SPACING   | CSI                                       | DEFL   | in | (loc) | l/defl | L/d | PLATES        | GRIP    |
|-------------------------------|---|---|--|----|-------|--------|-----|---------------|---------|
| TCLL 60.0<br>(Roof Snow=60.0) | 2-0-0<br>Plates Increase 1.15<br>Lumber Increase 1.15 | TC 0.98<br>BC 0.08<br>WB 0.00<br>(Matrix) | Vert(LL) -0.02<br>Vert(TL) 0.01<br>Horz(TL) 0.00 |    | 1     | n/r    | 180 | MT20          | 197/144 |
| TCDL 10.0                     | Rep Stress Incr NO                                    |   |  |    | 1     | n/r    | 120 |               |         |
| BCLL 0.0 *                    | Code IRC2006/TPI2002                                  |   |  |    |       | n/a    | n/a |               |         |
| BCDL 10.0                     |   |   |  |    |       |        |     | Weight: 23 lb |         |

| LUMBER                         | BRACING   |
|--------------------------------|---|
| TOP CHORD 2 X 4 SPF 2400F 2.0E | TOP CHORD Structural wood sheathing directly applied or 5-1-0 oc purlins, except end verticals. |
| BOT CHORD 2 X 6 SPF 1650F 1.5E | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.                                  |
| WEBS 2 X 4 SPF 1650F 1.5E      |   |
| OTHERS 2 X 4 SPF 1650F 1.5E    |   |

**REACTIONS** (lb/size) 4=344/6-0-0, 2=601/6-0-0, 5=132/6-0-0  
 Max Horz 2=194(LC 6)  
 Max Uplift 4=-245(LC 6), 2=-259(LC 6)  
 Max Grav 4=432(LC 2), 2=664(LC 2), 5=264(LC 4)

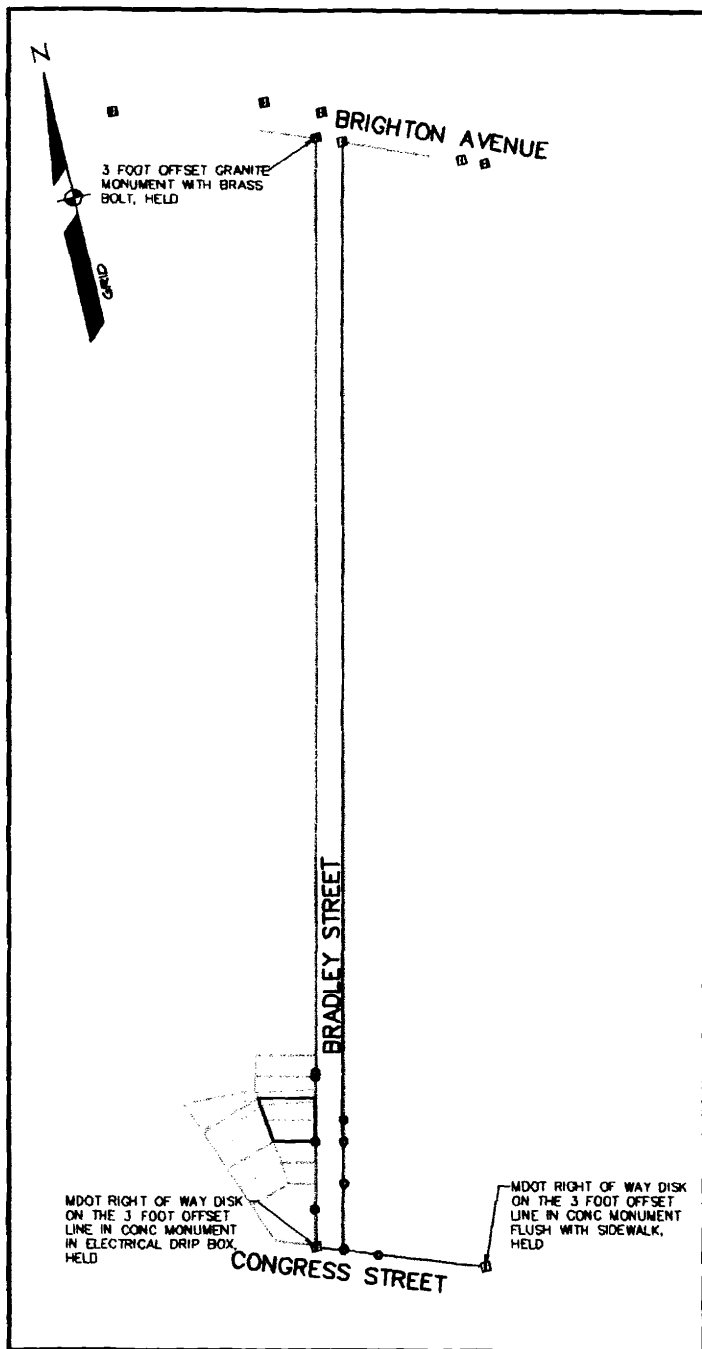
**FORCES** (lb) - Maximum Compression/Maximum Tension  
 TOP CHORD 1-2=0/51, 2-7=-126/0, 3-7=-112/119, 3-4=-486/331  
 BOT CHORD 2-5=0/0, 4-5=0/0

**NOTES** (13)

- 1) Wind: ASCE 7-05; 120mph; h=35ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 3) TCLL: ASCE 7-05; Pf=60.0 psf (flat roof snow); Category II; Exp C; Fully Exp.; Ct=1.1
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 60.0 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
- 8) Gable requires continuous bottom chord bearing.
- 9) Gable studs spaced at 2-0-0 oc.
- 10) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 245 lb uplift at joint 4 and 259 lb uplift at joint 2.
- 12) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

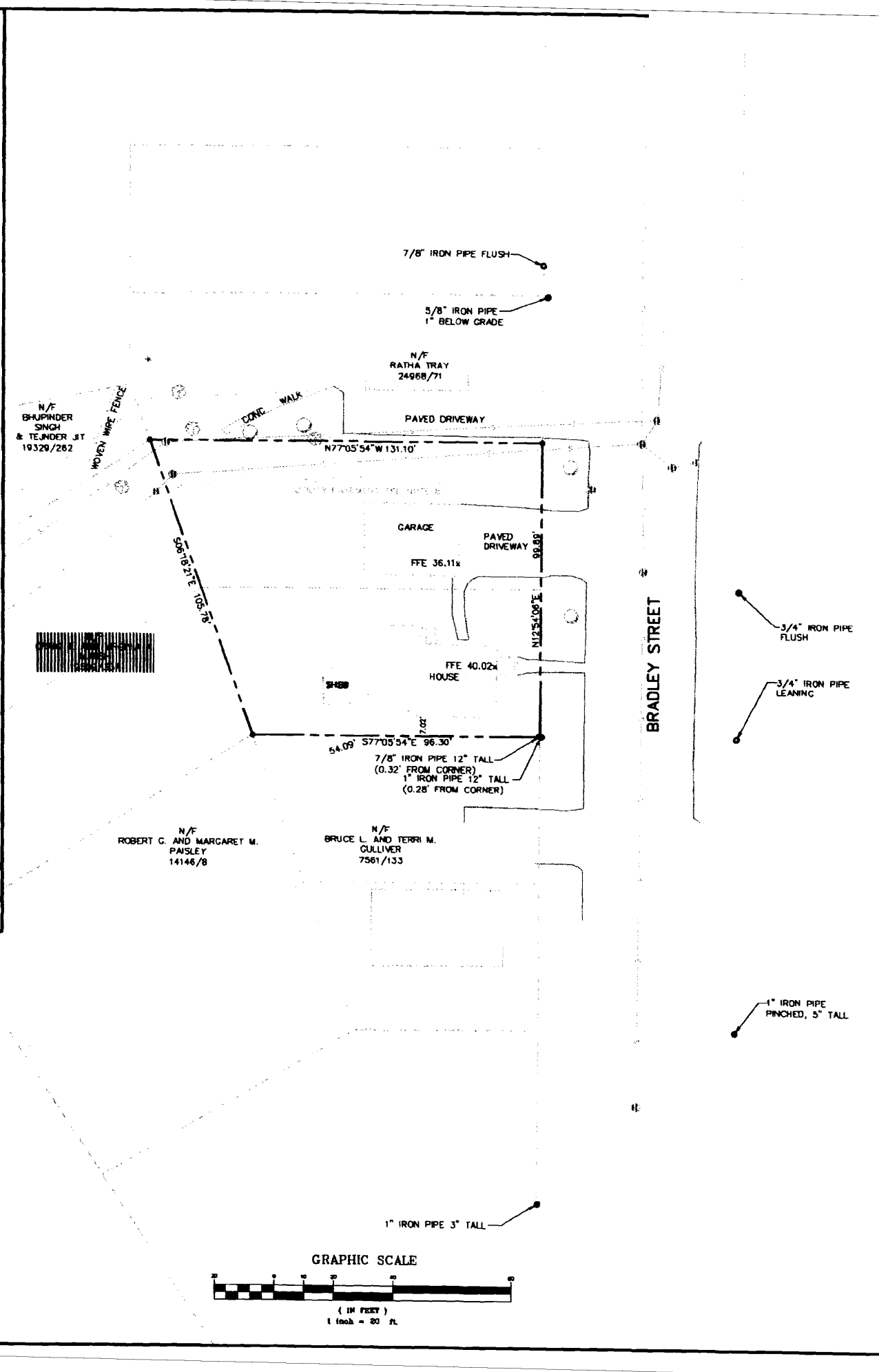
| Job  | Truss | Truss Type | Qty | Ply | HILLSIDE/BRUCE/JORDAN  |
|--|-------|------------|-----|-----|--|
| 531351   | 006   | GESTR      | 1   | 1   | Job Reference (optional)   |
| Wood Structures, Inc., Biddeford, ME 04005                                 |       | 7.000 s    |     |     | May 29 2007 MiTek Industries, Inc. Tue Apr 29 10:19:34 2008 Page 2 |
| 13) Drawing prepared exclusively for manufacturing by Wood Structures Inc. |       |            |     |     |  |
| <b>LOAD CASE(S)</b> Standard   |       |            |     |     |  |

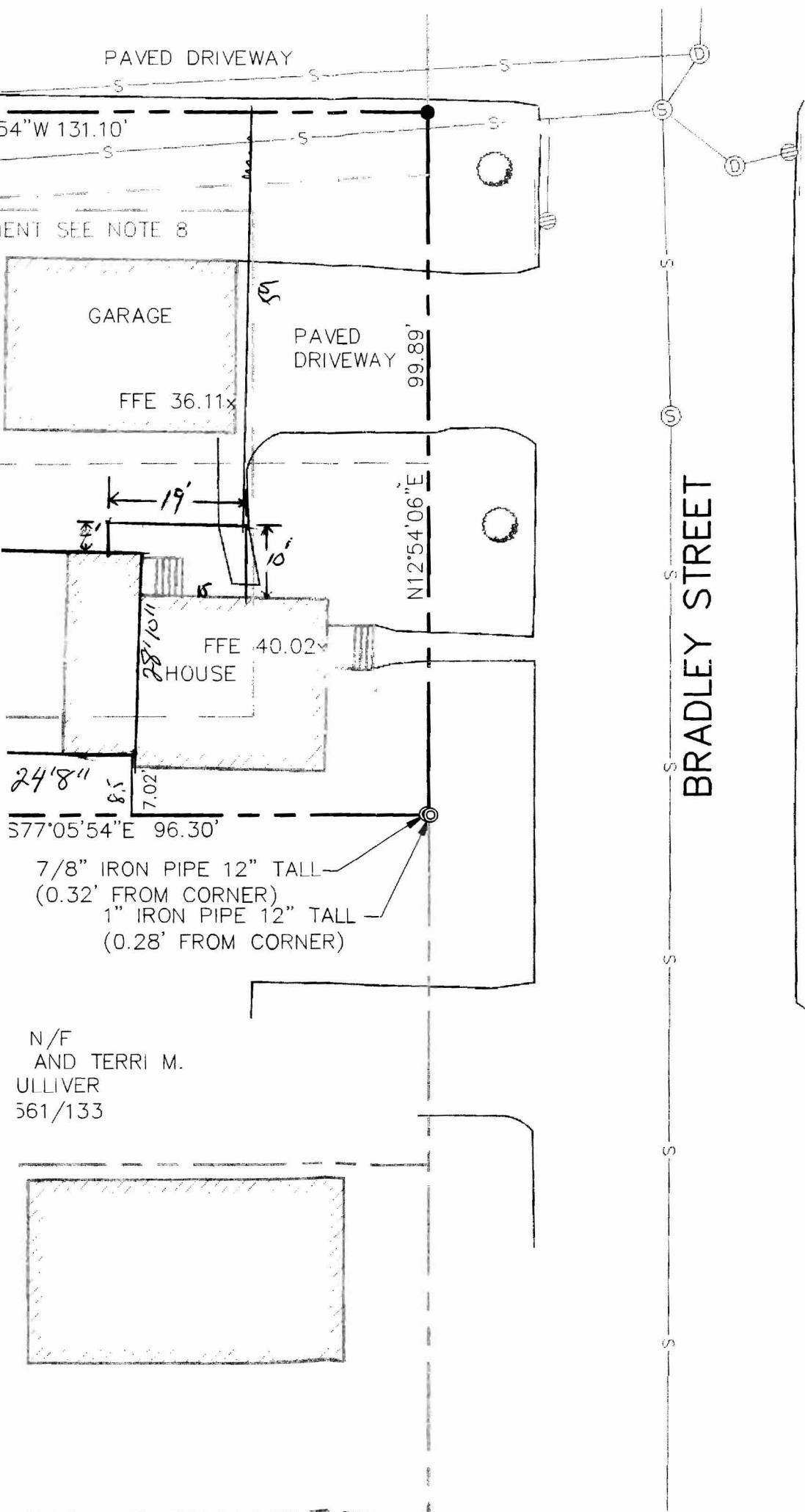


AREA DETAIL  
SCALE: 1" = 200'

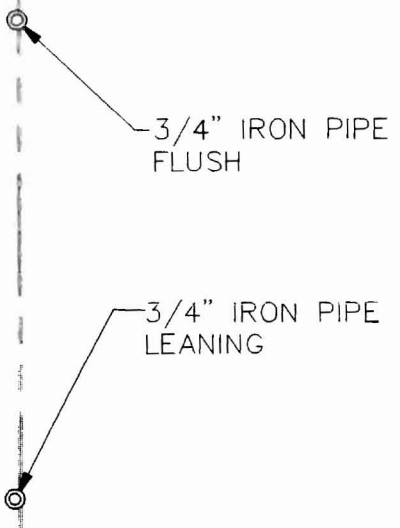
LEGEND

| EXISTING | DESCRIPTION           | PROPOSED |
|----------|-----------------------|----------|
| ---      | BOUNDARY LINE/R.O.W.  |          |
| ---      | ABUTTER LINE/R.O.W.   |          |
| ---      | SEBACK                |          |
| ---      | EASEMENT              |          |
| ---      | CENTERLINE            |          |
| ■        | MONUMENT              |          |
| ●        | IRON PIPE/ROD         | ●        |
| C/L1     | CURVE/LINE NO.        |          |
| ---      | BUILDING              |          |
| ---      | EDGE PAVEMENT         |          |
| ---      | PAVEMENT PAINT        |          |
| ---      | GRAVEL ROAD           |          |
| ---      | CURBLINE              |          |
| ○        | DECIDUOUS TREE        |          |
| ○        | CONIFEROUS TREE       |          |
| ---      | WATER                 |          |
| ---      | SEWER                 |          |
| ⊕        | SEWER MH              |          |
| ⊕        | STORM DRAIN           |          |
| ⊕        | CATCH BASIN           |          |
| ⊕        | DRAINAGE MH           |          |
| ⊕        | OVERHEAD ELEC. & TEL. |          |
| ⊕        | UTILITY POLE          |          |



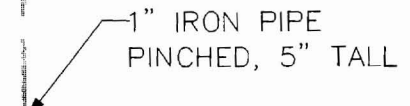


R-3  
 lot size = 11,358 from boundary survey  
 land area per du = 6,500<sup>sq ft</sup>  
 front - ~~25'~~ 25' min - 26' scaled from entry porch.  
 rear - 25' min - 28' bulkhead  
 side - 18' by = 8' - 8' 5" to addition on left  
 - 6' barrier  
 lot coverage - 35% = 3975.3<sup>sq ft</sup> (OK)  
 max height - 35' OK



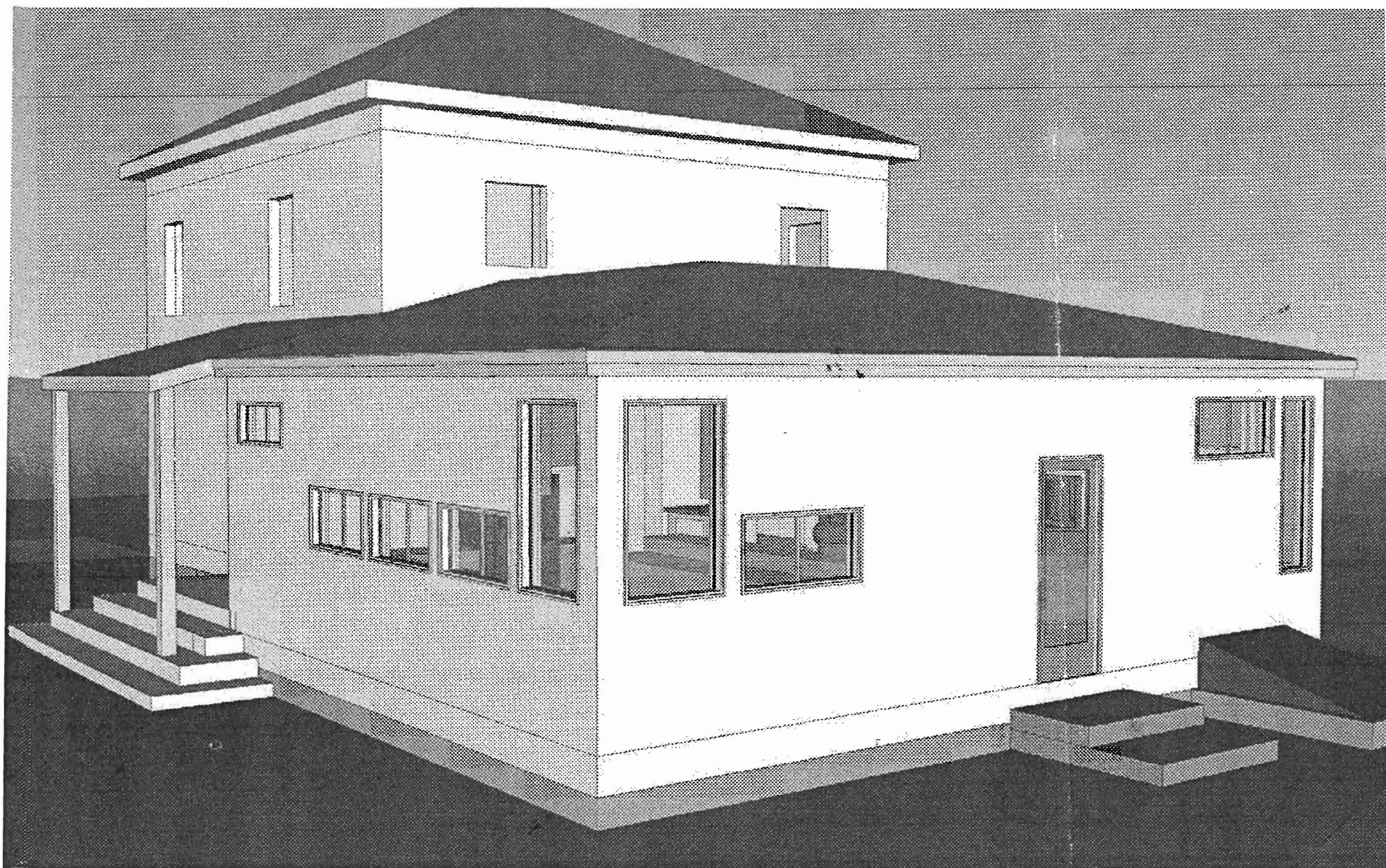
garage = 24 x 32 = 768  
 existing house = 24 x 26 = 624  
 2 x 6 = 42  
 bulkhead ~~6 x 11~~ = 5.25 x 6.33 = 33.23  
 addition ~~24 x 24.67~~ x 28.83 = 711.24  
 steps ~~6 x 11~~ = 2178.47  
 new entry ~~4 x 4~~ 15 x 10 = 150  
 4 x 4 = 16  
 2344.47<sup>sq ft</sup>

1" = 20'  
 Proposed



3. SPACE AND MIN. LOT SIZE MIN. STREET MIN. FRONT Y MIN. SIDE YAF MIN. REAR YA MAX. BUILDING MAX. LOT COV \* SEE ORDINA
4. TOTAL AREA
5. BOUNDARY AN BY SEBAGO TI
6. PLAN REFERE A. BRADLEY PERCY H. 137. B. CITY OF P AVENUE, A C. STATE AID MAINE DEP D. STORM DRA PORTLAND, PORTLAND
7. THE BEARINGS, COORDINATE GI FROM NAVD88
8. NO RECORDED EASEMENT SHO CITY COUNCIL I SEPTEMBER 15,
9. THE CURRENT LI ANY BUILDING F OUR LOCUS CH A) TO KATE BE ERECTED ON AN
10. UTILITY LINES IN DURING THE CO ATTEMPT WAS M SEWER EASEMEN THIS PLAN AND STRUCTURES FO PORTLAND MAIN PLAN 986/11.

N/F  
 AND TERRI M.  
 ULLIVER  
 561/133

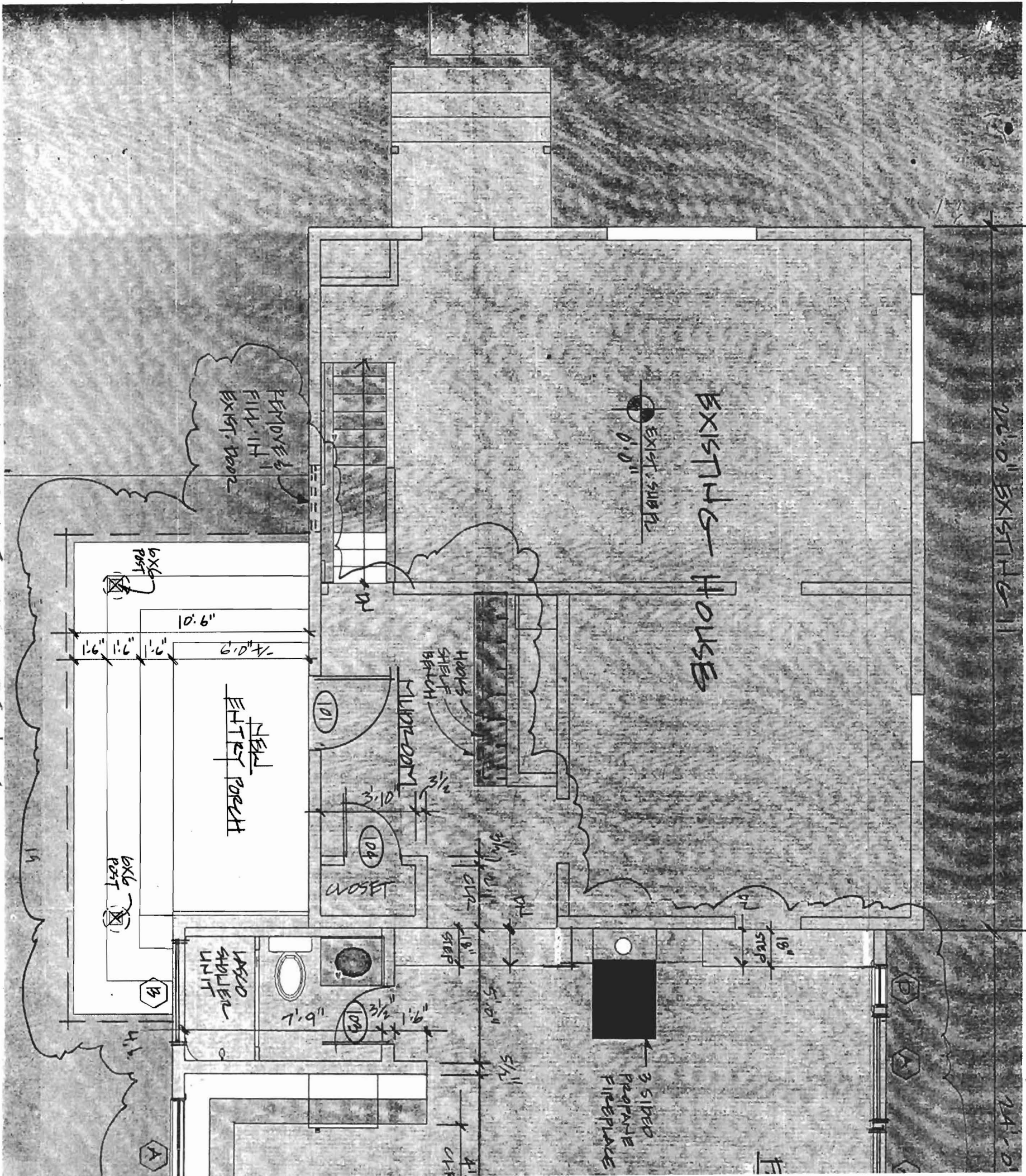


**ADDITION TO:**  
**SCALIA / BRUCE RESIDENCE**  
**24 BRADLEY STREET**  
**PORTLAND, MAINE**








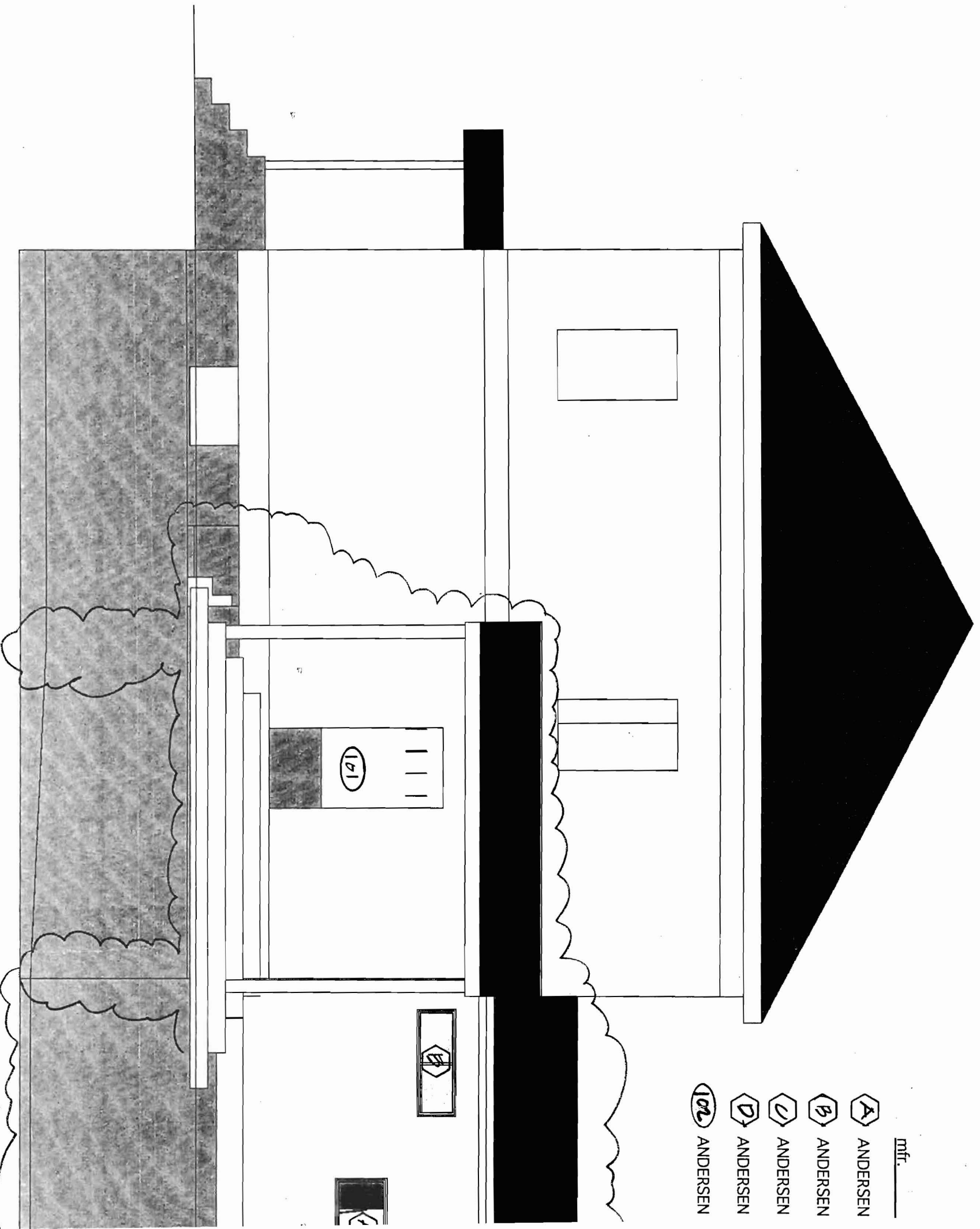
SCALIA - BRUCE RESIDENCE  
24 BRADLEY

FIRST FLOOR  
SCALE 1/4" = 1'-0"



mfr. \_\_\_\_\_

-  ANDERSEN
-  ANDERSEN
-  ANDERSEN
-  ANDERSEN
-  ANDERSEN



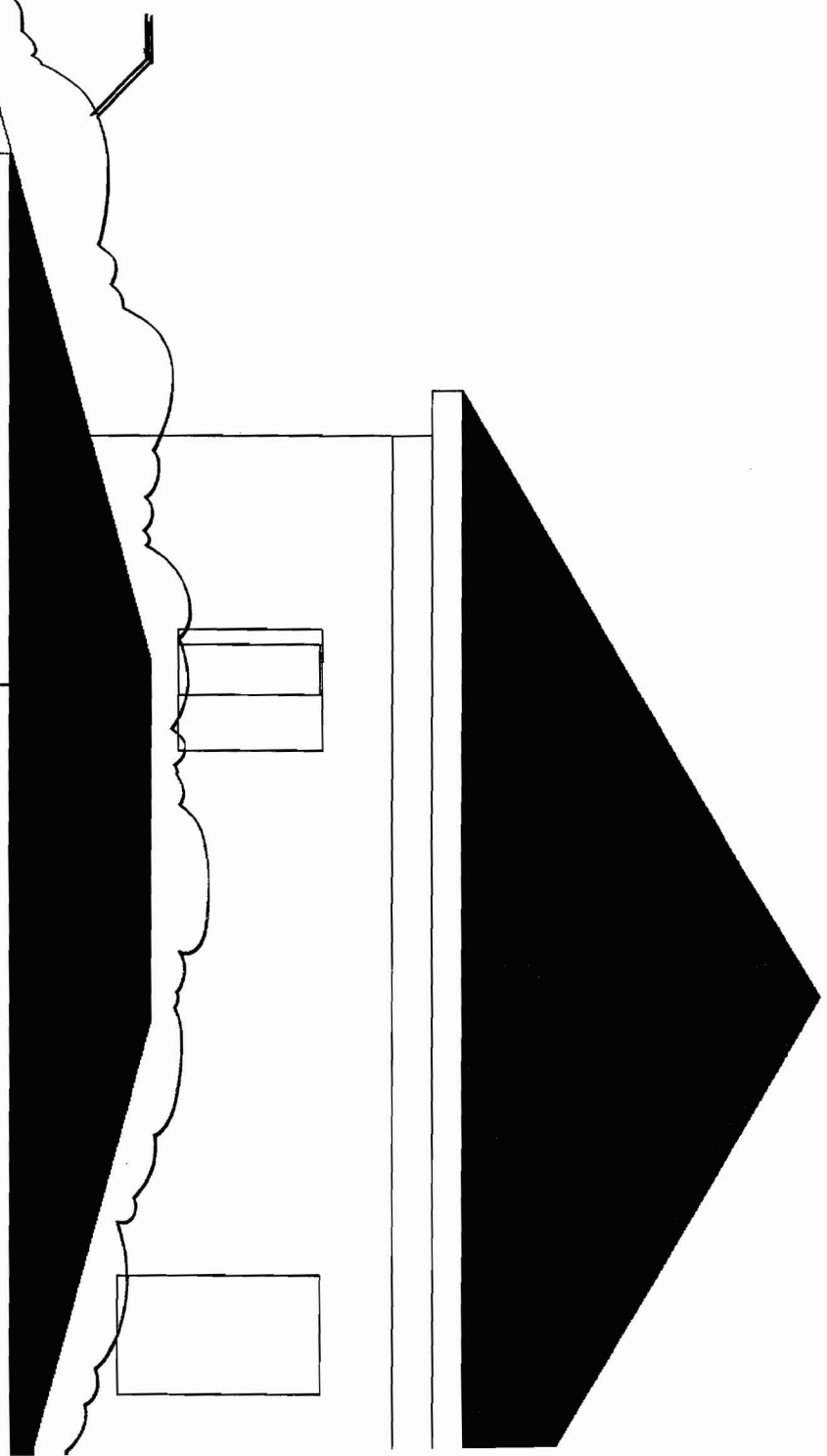
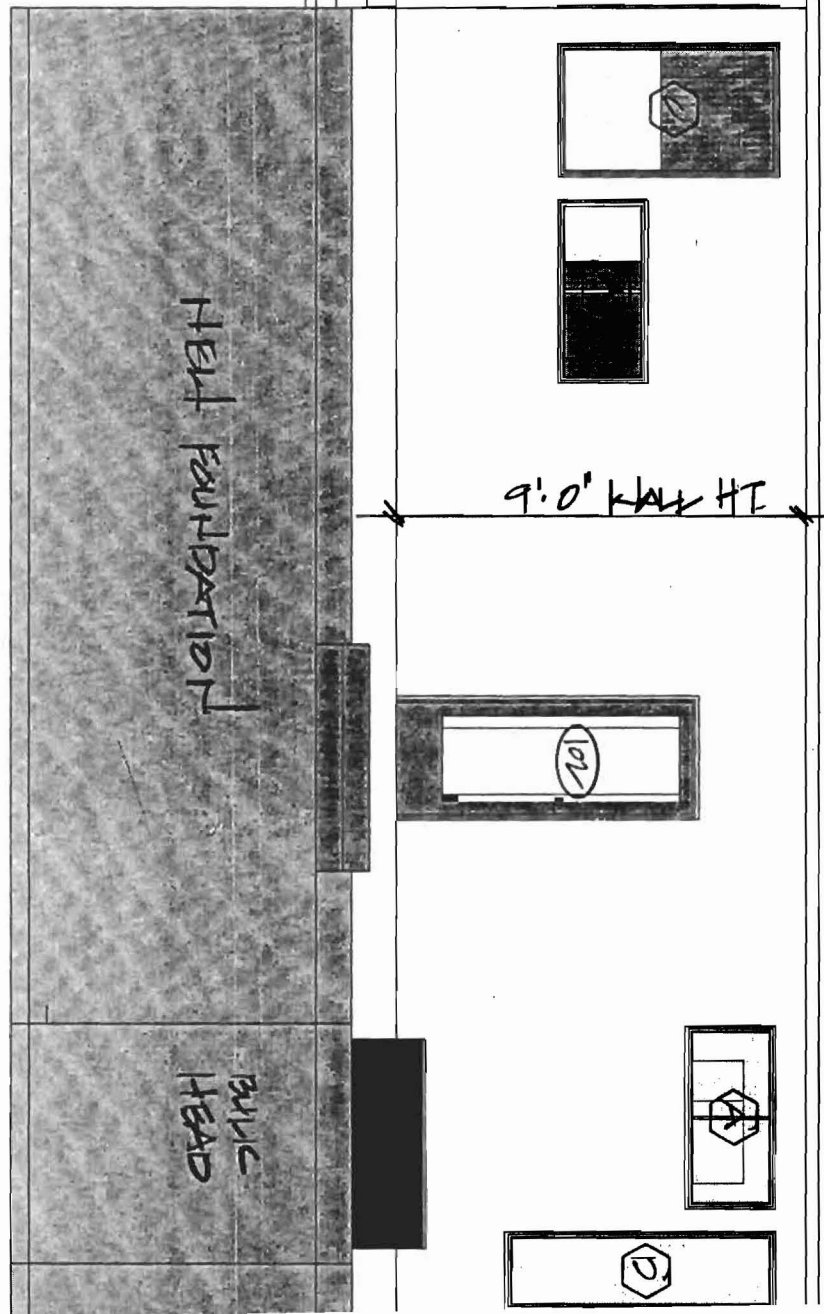
SKELVIN - BRUCE RESIDENCE  
24 BRADLEY  
PORTLAND, ME

NORTH ELEVATION  
H.T.S.

SCALIA - BRUCE RESIDENCE  
24 BRADLEY

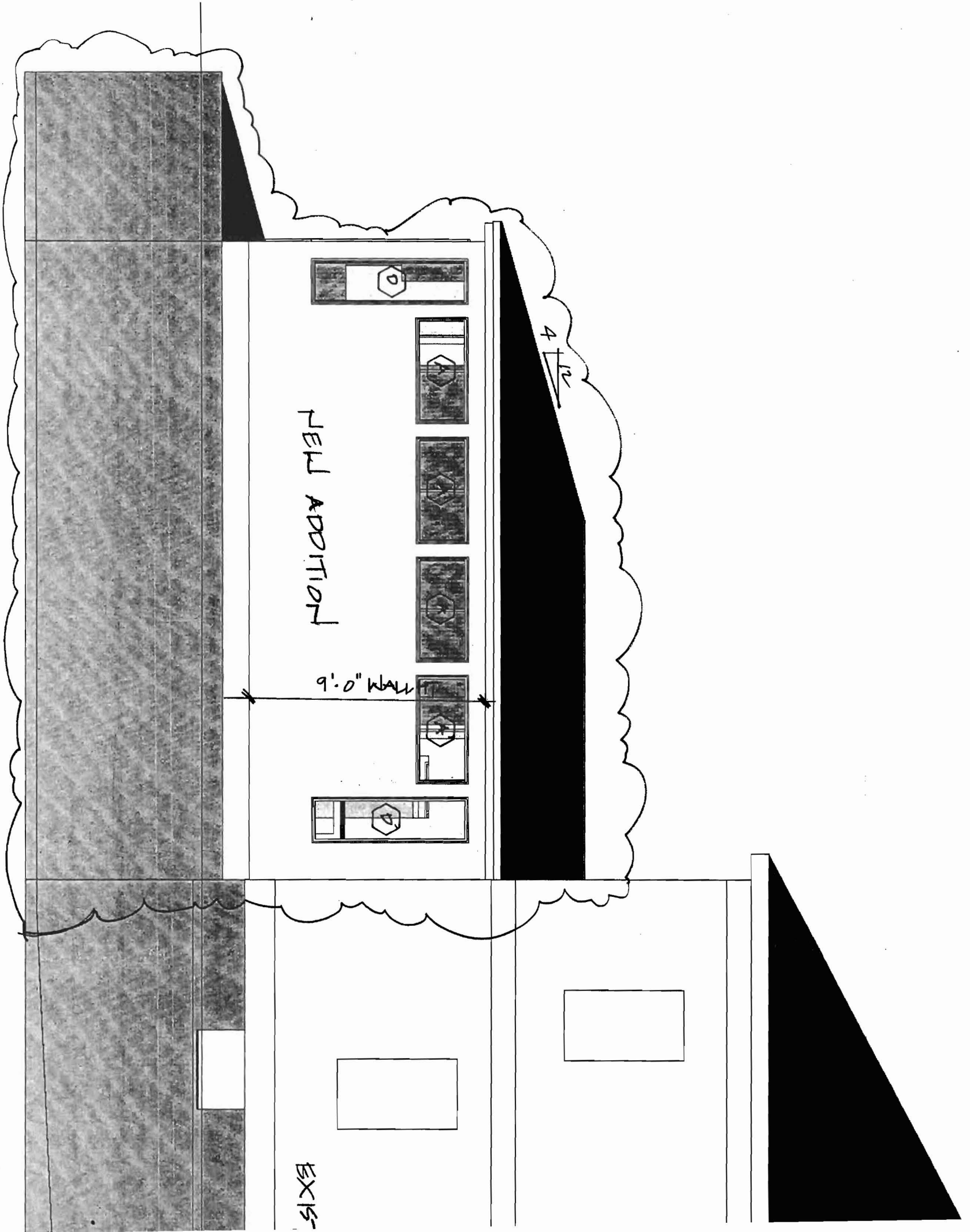
BEST ELEVATION  
N.T.S.

AREA  
OF  
WORK



SCALIA - BRUCE RESIDENCE  
24 BRADLEY  
PORTLAND, ME

SOUTH ELEVATION  
HTS.



**TYPICAL ROOF / CEILING**

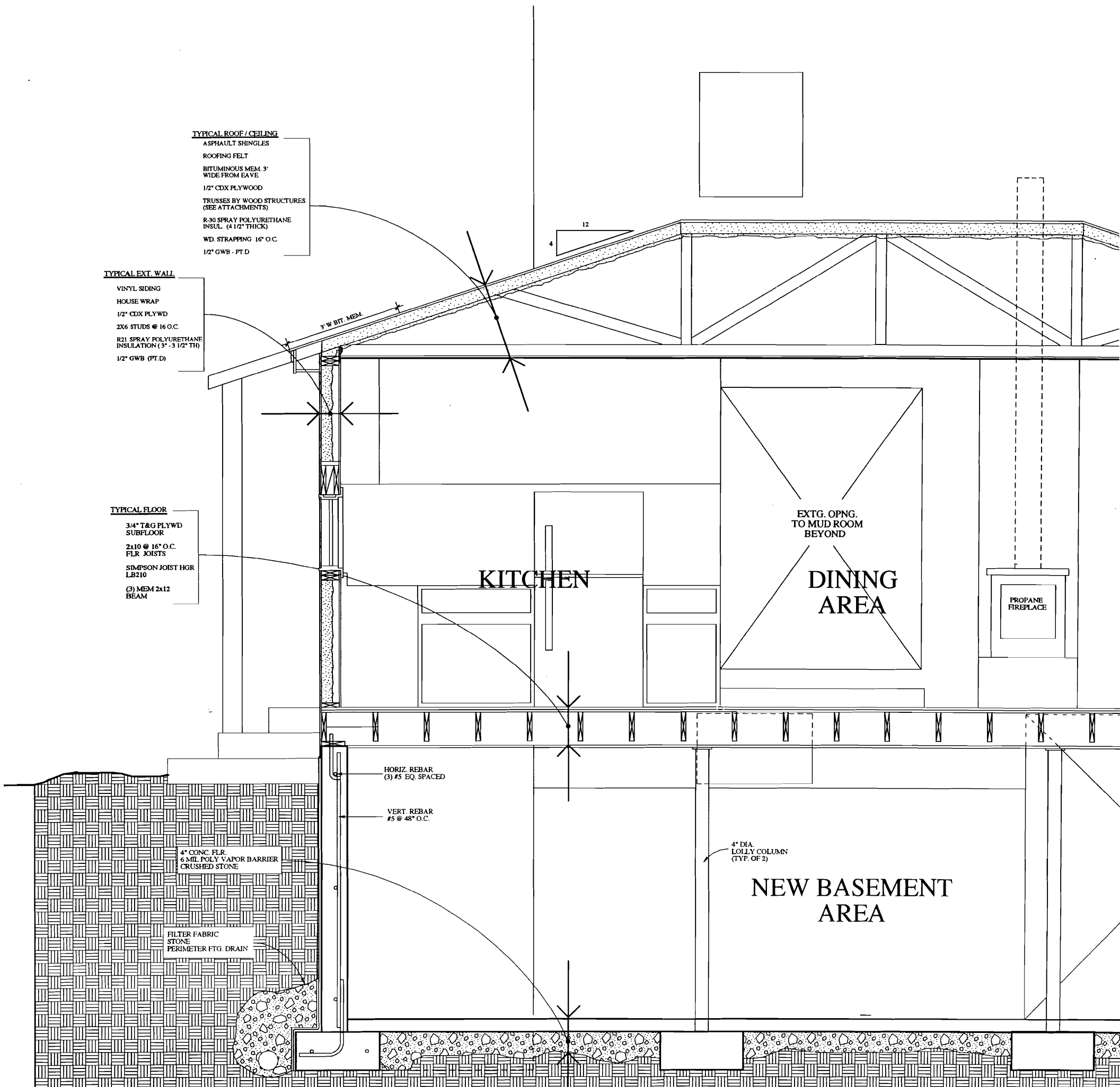
ASPHALT SHINGLES  
ROOFING FELT  
BITUMINOUS MEM. 3'  
WIDE FROM EAVE  
1/2" CDX PLYWOOD  
TRUSSES BY WOOD STRUCTURES  
(SEE ATTACHMENTS)  
R-30 SPRAY POLYURETHANE  
INSUL. (4 1/2" THICK)  
WD. STRAPPING 16" O.C.  
1/2" GWB - FT.D

**TYPICAL EXT. WALL**

VINYL SIDING  
HOUSE WRAP  
1/2" CDX PLYWD  
2X6 STUDS @ 16 O.C.  
R21 SPRAY POLYURETHANE  
INSULATION (3" - 3 1/2" TH)  
1/2" GWB (PT.D)

**TYPICAL FLOOR**

3/4" T&G PLYWD  
SUBFLOOR  
2x10 @ 16" O.C.  
FLR JOISTS  
SIMPSON JOIST HGR  
LB210  
(3) MEM 2x12  
BEAM



KITCHEN

EXTG. OPNG.  
TO MUD ROOM  
BEYOND

DINING  
AREA

PROPANE  
FIREPLACE

HORIZ. REBAR  
(3) #5 EQ. SPACED

VERT. REBAR  
#5 @ 48" O.C.

4" CONC. FLR.  
6 MIL POLY VAPOR BARRIER  
CRUSHED STONE

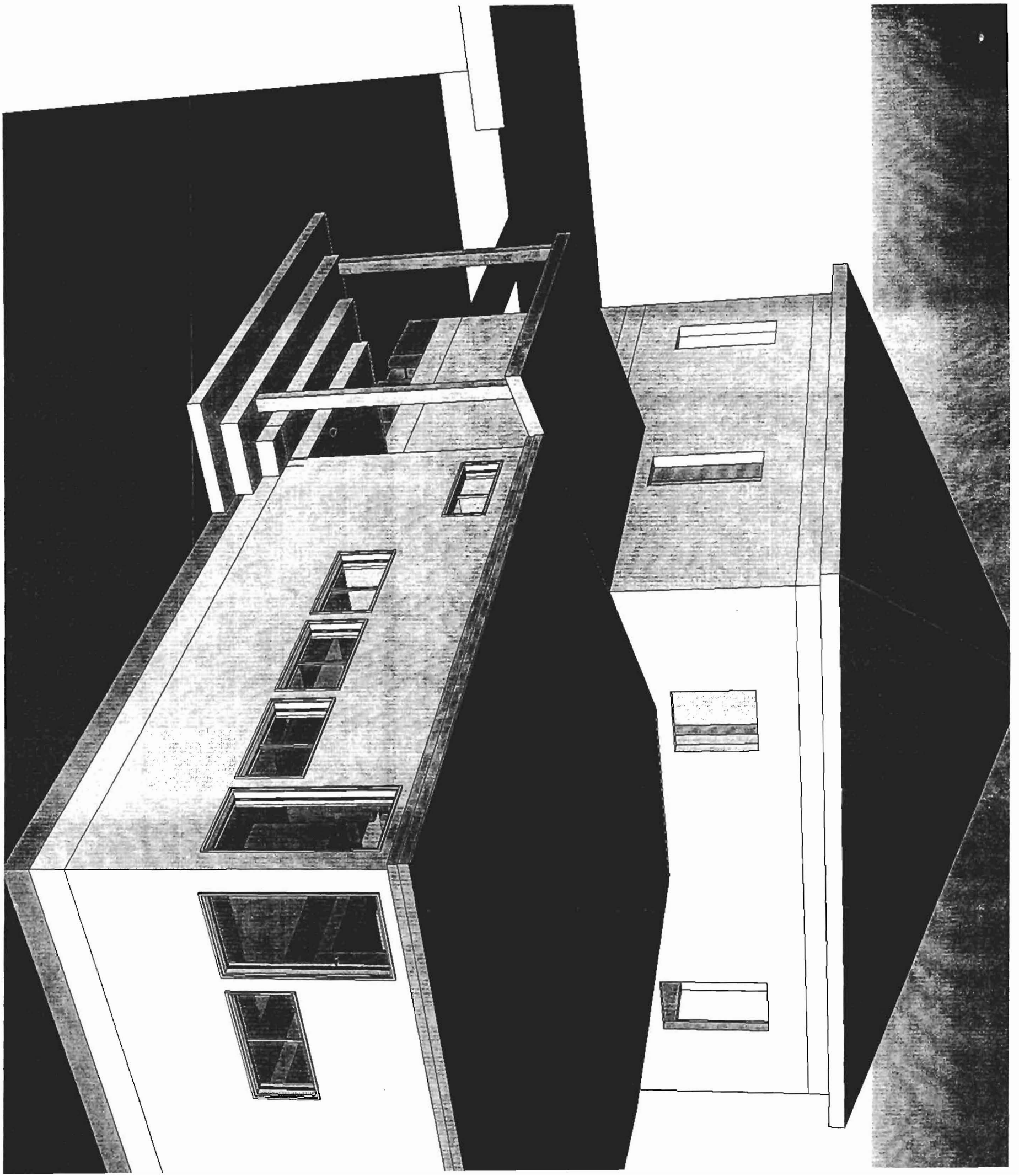
FILTER FABRIC  
STONE  
PERIMETER FTG. DRAIN

4" DIA.  
LOLLY COLUMN  
(TYP. OF 2)

NEW BASEMENT  
AREA

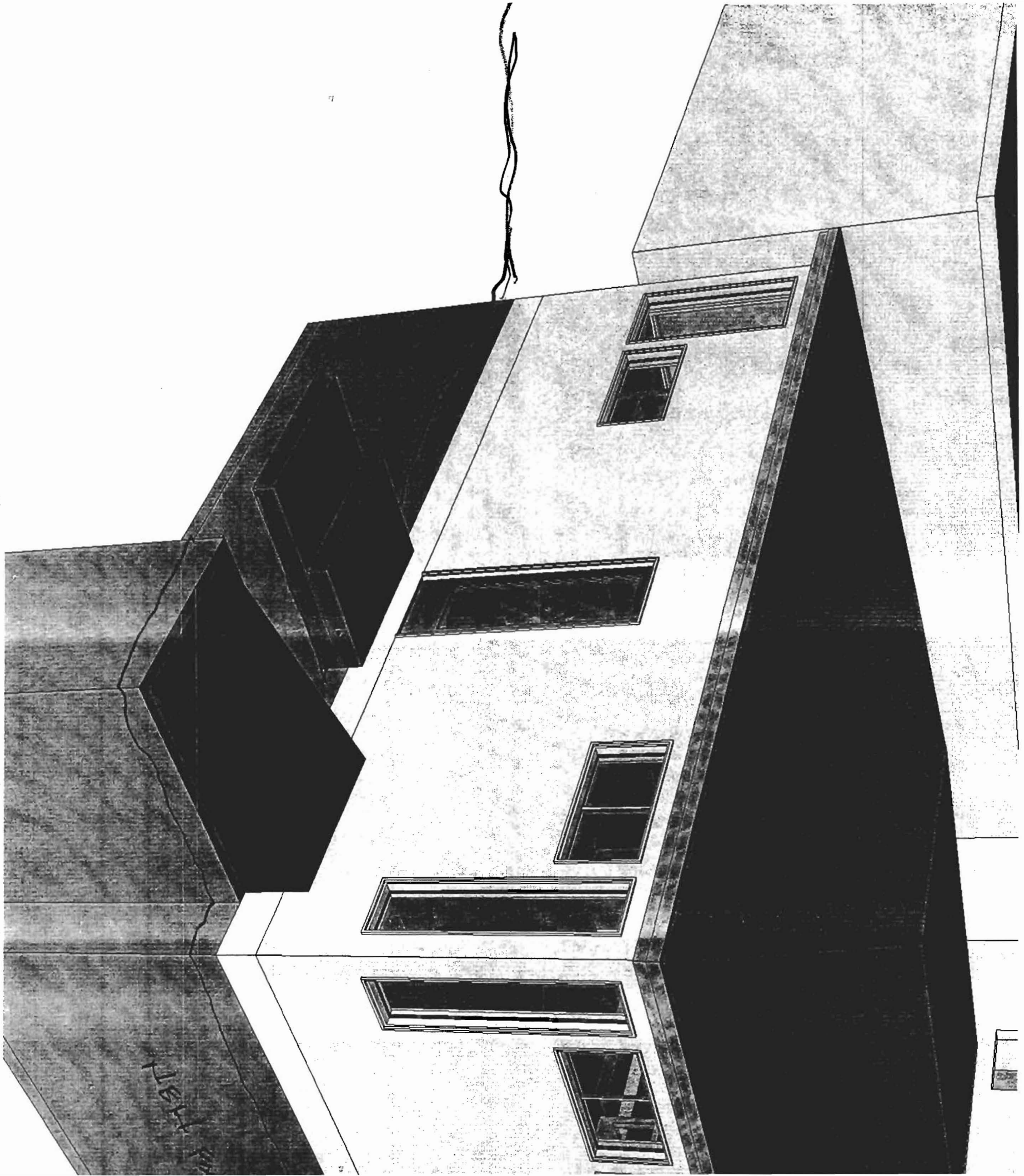
SCALIA - BRUCE RESIDENCE  
24 BRADLEY

NORTHWEST CORNER - PERSPE  
N.T.S.



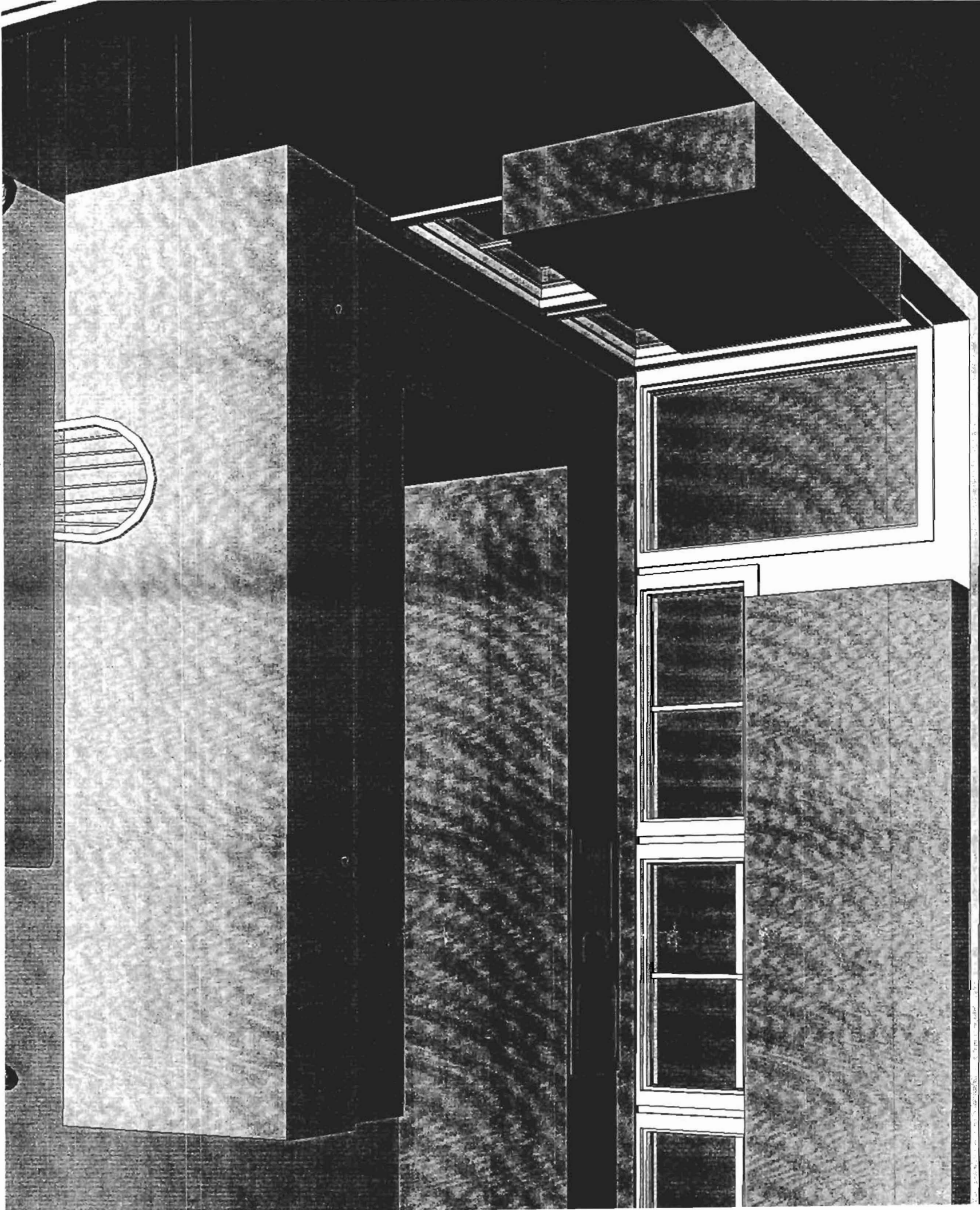
SCALIA - BRUCE RESIDENCE  
24 BRADLEY

SOUTHWEST CORNER - PERSPECTIVE  
H.T.S.

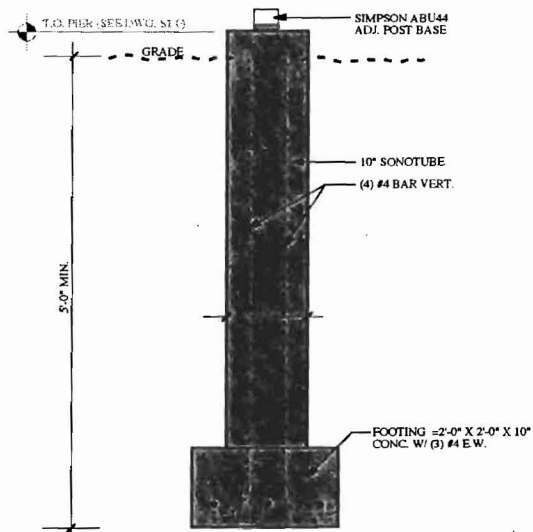


SCHEMATIC OF THE KITCHEN  
24 BOUNDARY

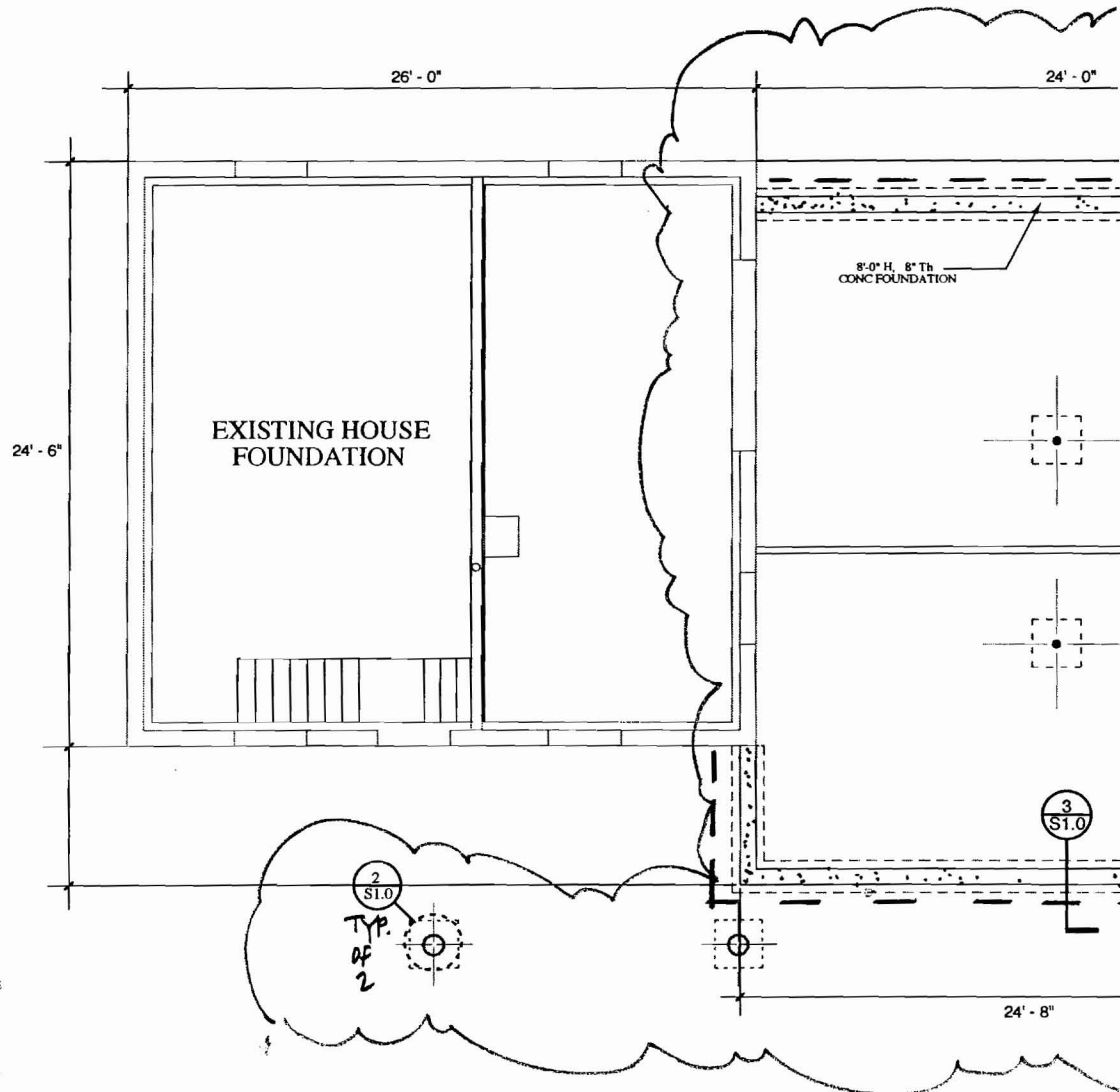
KITCHEN - INTERIOR REVISIONS  
PTS



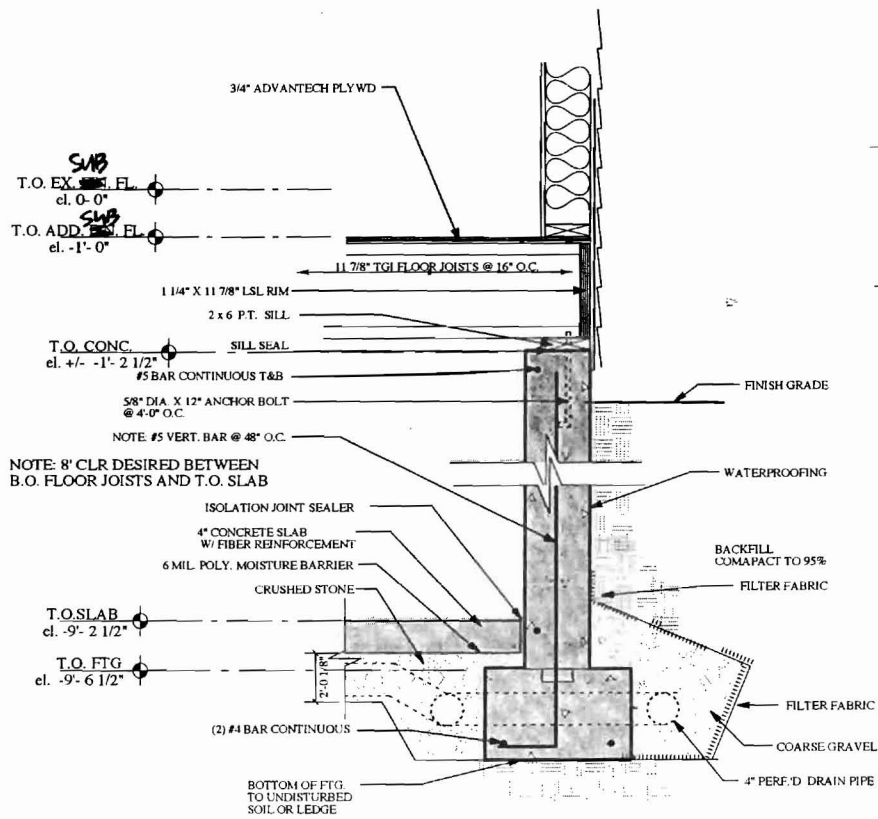




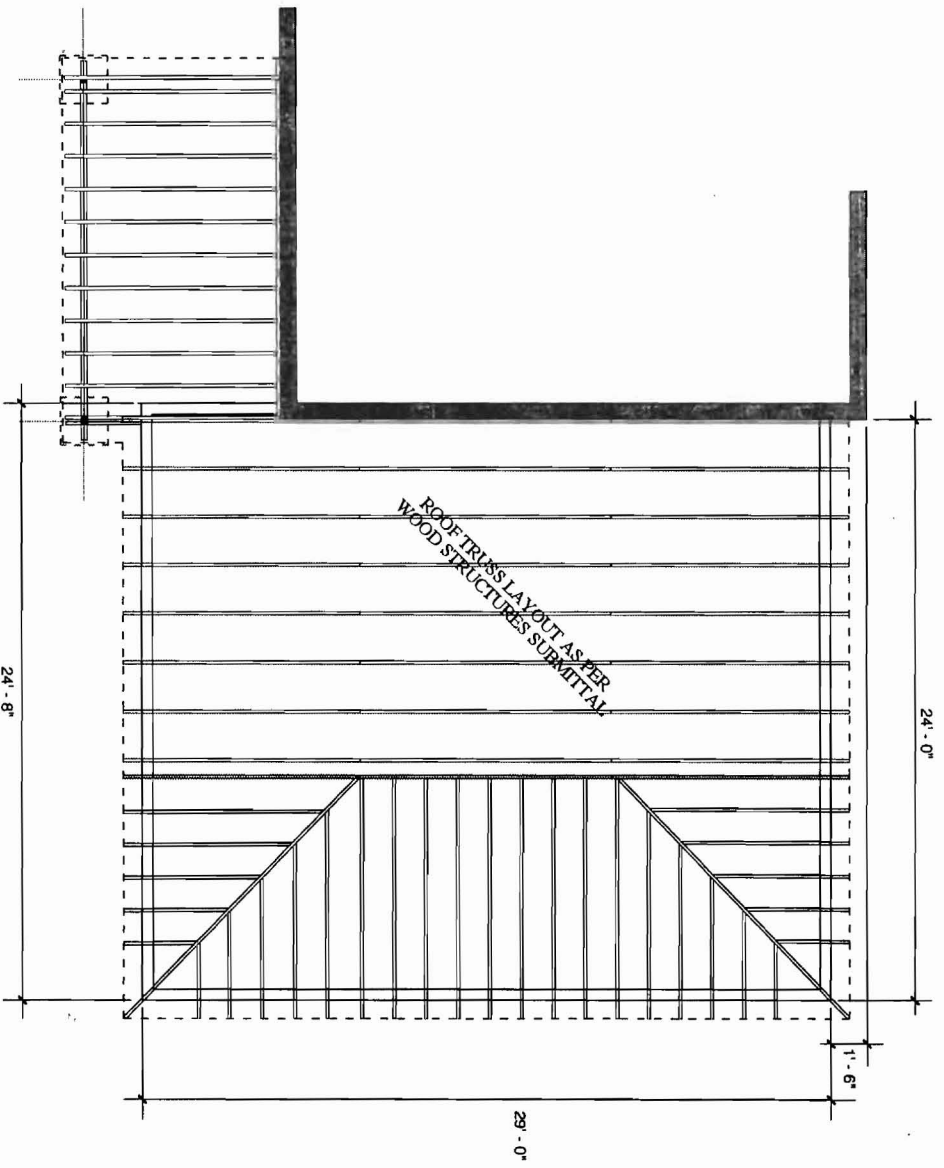
**2** TYPICAL PIER DETAIL  
SCALE: 1/2" = 1'-0"



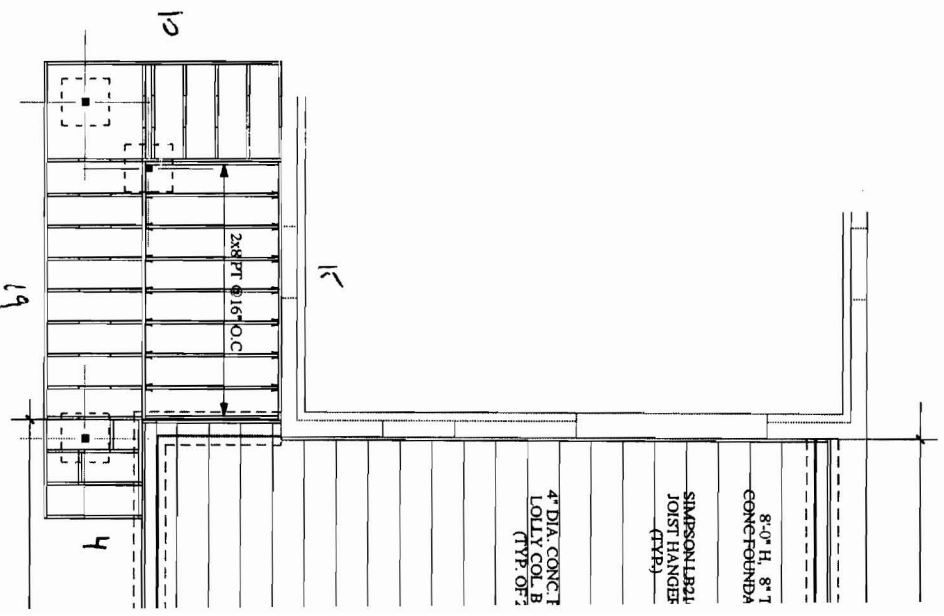
**1** FOUNDATION PLAN  
SCALE: 1/8" = 1'-0"



**3** FOUNDATION DETAIL  
SCALE: 1/2" = 1'-0"



1 ROOF FRAMING PLAN  
SCALE: 1/4" = 1'-0"



1 ADDIT

plz