

DOOR/WINDOW NOTES:

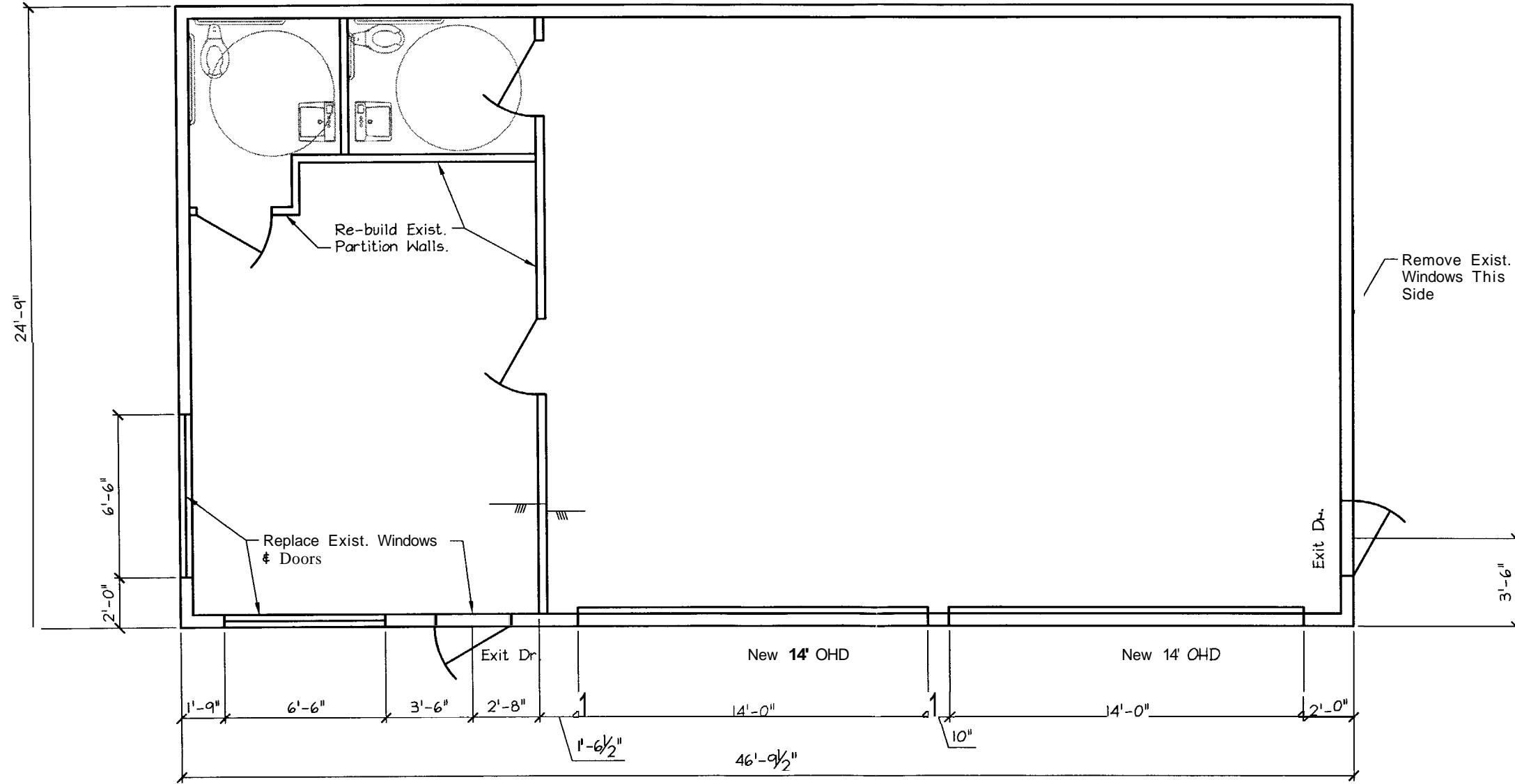
1. Interior Doors shall be 3'-0"x6'-8" 1 3/4" Solid Core Birch w/ 16ga. Metal Frames.
2. Exterior Door at Shop Area 3'-0"x7'-0" 1 3/4" Metal Door Factory Primed, w/ Metal Frame.
3. Store Front shall be Kwaneer Aluminum, type 350 Medium Stile.
4. All Exterior Doors/ Storefront shall meet applicable energy code and ADA requirements.
5. Field Verify all Measurements before ordering Materials.
6. All Hardware shall meet ADA.

ARCHITECTURAL NOTES:

1. THE PURPOSE OF THIS PLAN IS TO SHOW THE ARCHITECTURAL STYLE AND VISUAL ASPECT OF THE PROPOSED WORK.
2. EXCEPT WHERE NOTED THE INTENT OF THIS WORK IS TO REPAIR AREAS DAMAGED BY FIRE.
3. ALL WORK SHALL COMPLY W/ IBC2003 AND LOCAL, STATE, AND FEDERAL REGULATIONS.
4. PROVIDE EXIT SIGNAGE, SMOKE/HEAT DETECTORS, & HORNS/STROBES AS REQ'D.

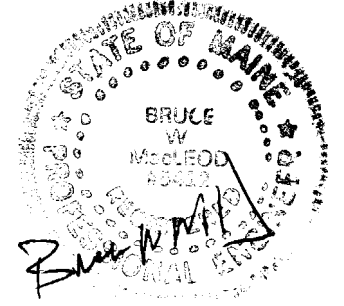
ROOF NOTES:

1. ROOF STEEL IS SLOPED TO REAR OF BUILDING.
2. FLAT ROOF AREAS TO BE 0.045 EPDM ADHERED RUBBER ROOFING.
3. PROVIDE DRAINS/ SCUPPERS TO REMOVE RAIN WATER FROM ROOF.
4. INSULATE PER CODE REQMENTS.



PROPOSED FLOOR PLAN

SCALE: 3/16" = 1'-0"

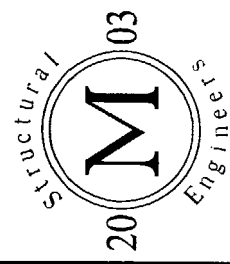


THIS DRAWING IS ISSUED FOR PERMIT

| | |
|----------------|--------------------|
| DATE: 04/06/06 | PROJ. NO: 2006-185 |
| DATE: 4/5/06 | DWG: A2 OF 2 |
| DRN BY: BWM | SCALE: AS NOTED |
| CHKD BY: BWM | |

MacLeod Structural Engineers, P.A.

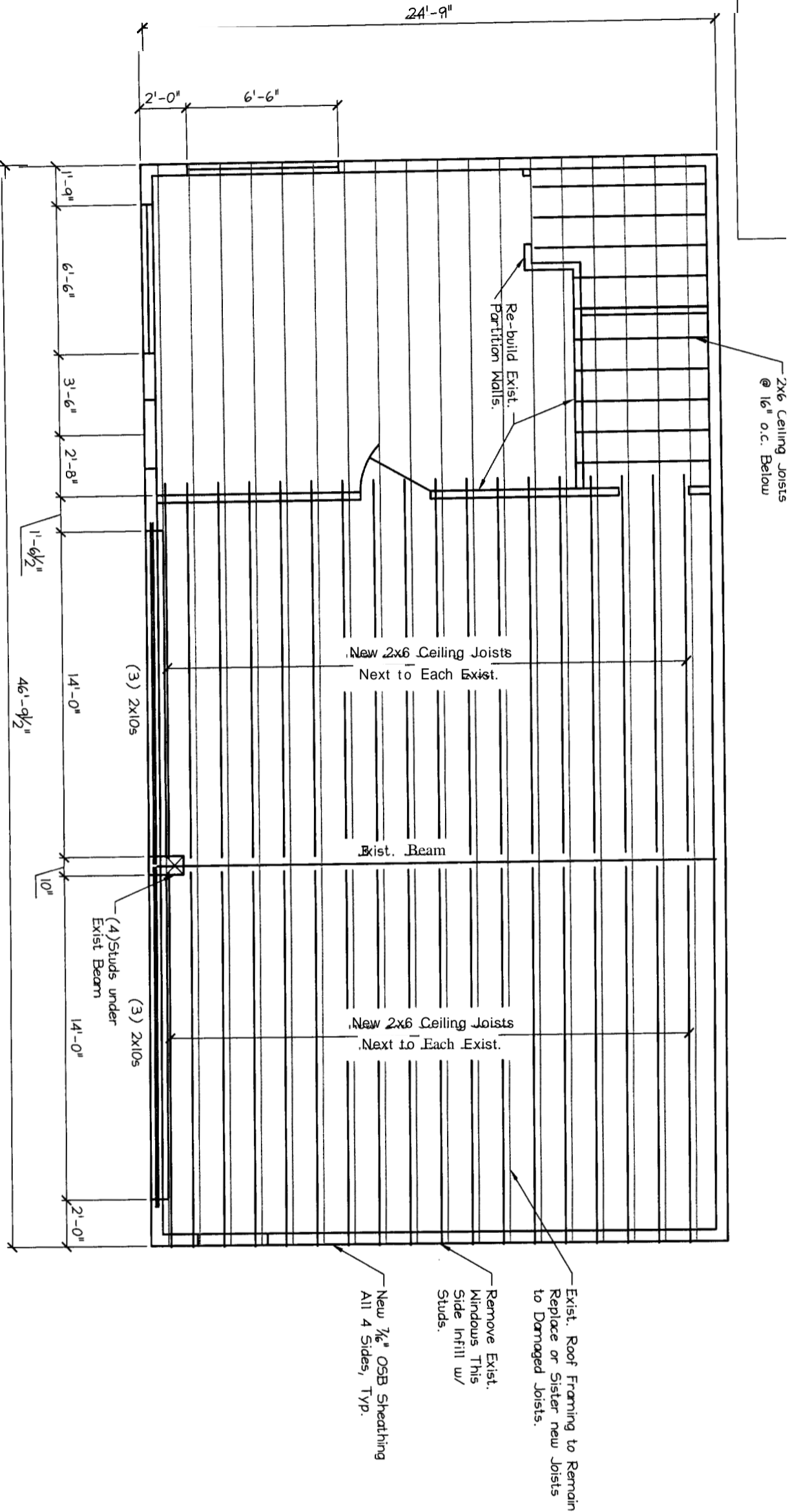
98 Bridge Street
Westbrook, ME 04092
Tel: (207) 856-0044
Fax: (207) 856-1616
Toll Free: (877) 88-STEEL



Copyright © 2004 MacLeod Structural Engineers, P.A.
Reproduction of This Document Without The Written Consent Of MacLeod Structural Engineers, P.A. is Prohibited.

STRUCTURAL NOTES:

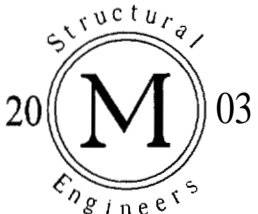
1. ROOF SHALL BE SLOPED TO ROOF DRAIN OR SCUPPERS
2. EXISTING FRAMING TO REMAIN EXCEPT WHERE DAMAGED.
3. SISTER OR REPLACE DAMAGED STRUCTURAL ELEMENTS INCLUDING ROTTED SILLS AND FIRE DAMAGED MEMBERS.
4. ALL WORK SHALL BE PER IBC 2003.



ROOF FRAMING PLAN

SCALE: 3/16" = 1'-0"

MacLeod Structural Engineers, P.A.



98 Bridge Street
Westbrook, ME 04092
Tel: (207) 856-0044
Fax: (207) 856-1616
Toll Free: (877) 88-STEEL

LEE AUTO/HOME WHOLSTRY

767 FOREST AVE.

PORTLAND

MAINE

SHEET TITLE:

PROPOSED STRUCTURAL

THIS DRAWING IS ISSUED: FOR PERMIT

DATE: 04/06/06

DRN By:

BWM

DATE:

4/5/06

PROJ. NO:

2006-185

CHKD By:

BWM

SCALE:

AS NOTED

DWG:

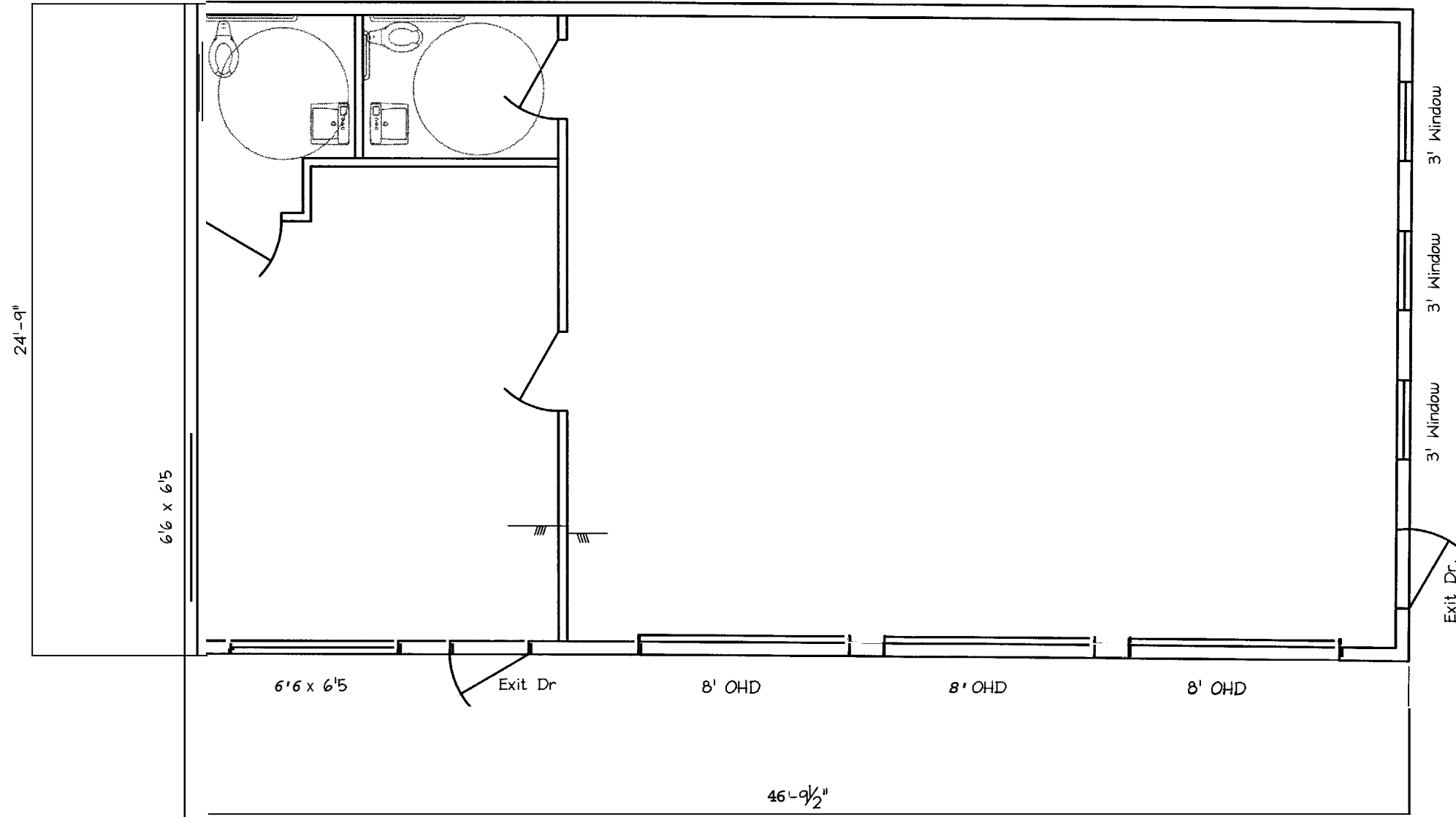
SI OF 2

Copyright © 2004 MacLeod Structural Engineers, P.A.
Reproduction Of This Document Without The Written Consent Of
MacLeod Structural Engineers, PA Is Prohibited.



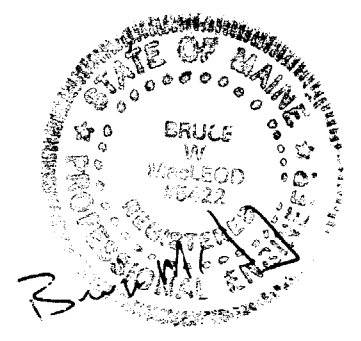
EXISTING CONDITION NOTES:

1. THE PURPOSE OF THIS PLAN IS TO SHOW THE EXISTING ARCHITECTURAL FEATURES OF THE BUILDING.
2. EXCEPT WHERE NOTED THE INTENT OF THIS WORK IS TO REPAIR AREAS DAMAGED BY FIRE.
3. EXISTING CONDITIONS DRAWING IS BASED ON FIELD OBSERVATIONS AND STATEMENTS BY OWNER. SOME AREAS COULD NOT BE VERIFIED DUE TO FIRE DAMAGE/WORK.
4. NEW CONSTRUCTION TO REPLICATE EXISTING EXCEPT WHERE NOTED.
5. EXISTING USE TO REMAIN AS IS.



EXISTING FLOOR PLAN

SCALE: 3/16" = 1'-0"



| | | |
|--|---|---|
| <p>MacLeod Structural Engineers, P.A.</p> <p>98 Bridge Street Westbrook, ME 04092 Tel: (207) 856-0044 Fax: (207) 856-1616 Toll Free: (877) 88-STEEL</p> | <p>20</p> <p style="font-size: 2em; font-weight: bold;">M</p> <p style="font-size: 2em; font-weight: bold;">03</p> <p style="font-size: 2em; font-weight: bold;">E</p> <p style="font-size: 2em; font-weight: bold;">N</p> <p style="font-size: 2em; font-weight: bold;">G</p> <p style="font-size: 2em; font-weight: bold;">I</p> <p style="font-size: 2em; font-weight: bold;">N</p> <p style="font-size: 2em; font-weight: bold;">E</p> <p style="font-size: 2em; font-weight: bold;">E</p> <p style="font-size: 2em; font-weight: bold;">S</p> | <p>Copyright © 2004 MacLeod Structural Engineers, P.A. Reproduction of This Document Without The Written Consent Of MacLeod Structural Engineers, P.A. is Prohibited.</p> |
| <p>767 FOREST AVE.</p> <p>PORTLAND</p> <p>MAINE</p> | | |
| <p>SHEET TITLE: EXISTING CONDITIONS</p> | | |
| <p>THIS DRAWING IS ISSUED: <input checked="" type="checkbox"/> FOR PERMIT</p> | | |
| <p>DRN BY: BWM</p> <p>CHKD BY: RAM</p> | <p>DATE: 4/5/06</p> <p>SCALE: A = 1/8" = 1'-0"</p> | <p>DATE: 04/06/06</p> <p>PROJ. NO: 2006-185</p> <p>DWG: A 1 OF 2</p> |

GENERAL NOTES:

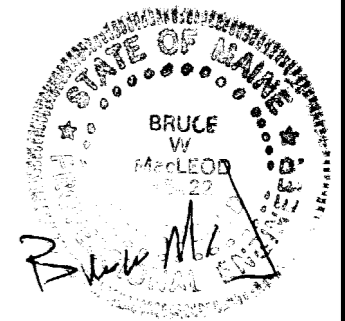
1. THE ENGINEER'S STAMP IS FOR THE REVIEW OF THE SPECIFIC STRUCTURAL GRAVITY COMPONENTS OF THIS BUILDING. IT DOES NOT COVER THE FOUNDATION, OR EXISTING STRUCTURAL ELEMENTS.
2. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND COMPONENTS DURING ERECTION.
3. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATION SAFETY AND HEALTH ACT.
4. THE PROFESSIONAL ENGINEER'S STAMP DOES NOT IN ANY WAY WARRANT THE INTERIOR SHEETROCK FINISH AGAINST CRACKING OR SPLITTING DUE TO WOOD SHRINKAGE, MOISTURE CHANGES, ETC.
5. THE REVIEW OF THE STRUCTURAL FRAMING BY MACLEOD ENGINEERING DOES NOT INCLUDE HANDRAILS, RAILINGS, BALLUSTERS, OR SECONDARY STRUCTURAL ELEMENTS.
6. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF IBC 2003.

STRUCTURAL DESIGN CRITERIA:

1. BUILDING CODE: 2003 EDITION OF THE INTERNATIONAL BUILDING CODE
2. DESIGN WIND LOADS - MAIN WIND FORCE RESISTING SYSTEM:
 DESIGN WIND SPEED = 100 MPH
 BUILDING USE IMPORTANCE FACTOR (WIND) = 1.0
 BUILDING EXPOSURE CATEGORY = B
3. DESIGN WIND LOADS - COMPONENTS AND CLADDING:
 EXPOSURE CATEGORY = B
4. SNOW:
 GROUND SNOW LOAD = 60 PSF
 IMPORTANCE FACTOR, I = 1.0
 EXPOSURE FACTOR, Ce = 1.0
 FLAT ROOF SNOW LOAD = 42 PSF
5. ROOF DEAD LOAD = 15 PSF
6. DESIGN SEISMIC CRITERIA:
 EQUIVALENT LATERAL FORCE PROCEDURE
 USE GROUP (CATEGORY) = I
 SDs = 0.35
 SDI = 0.10
 SEISMIC DESIGN CATEGORY = C
 SITE CLASS = D
 R = 6.0
 Cd = 4.0
 SEISMIC RESISTING SYSTEM = LOAD BEARING LIGHT FRAMED WALLS WITH SHEAR PANELS
 SEISMIC BASE SHEAR, V = 0.07 x W

WOOD FRAMING NOTES:

1. STRUCTURAL LUMBER: No. 2 KILN DRIED, SPRUCE PINE FIR (SOUTH) OR BETTER. MECHANICAL PROPERTIES:
 $F_b = 750 \text{ psi}$ $F_v = 70 \text{ psi}$
 $F_c = 975 \text{ psi}$ $E = 1,100,000 \text{ psi}$
2. DESIGN CODE: NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
3. FASTENERS: COMPLY WITH RECOMMENDED FASTENING SCHEDULE OF THE CODE, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
4. NAILING REQUIREMENTS FOR PLYWOOD ROOF DECK:
 PROVIDE 8D NAILS AS FOLLOWS UNLESS SHOWN OTHERWISE.
 8D NAILS @ 6" oc ALONG PANEL EDGES.
 8D NAILS @ 12" oc ALONG INTERMEDIATE MEMBERS.
5. SPIKE TOGETHER ALL FRAMING MEMBERS WHICH ARE BUILT-UP USING MULTIPLE 2x LUMBER.
6. PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE.
7. ROOF SHEATHING: 5/8" APA RATED SHEATHING, EXTERIOR OR STRUCTURAL I OR II RATED SHEATHING, SPAN RATING 32/16. INSTALL SHEETS WITH FACE GRAIN DIRECTION PERPENDICULAR TO SUPPORTING MEMBERS.



| | | |
|----------------------------------|-----------------|--------------------|
| SHEET TITLE: PROPOSED STRUCTURAL | | DATE: 04/06/06 |
| DRN BY: BWM | DATE: 4/5/06 | PROJ. NO: 2006-185 |
| CHKD BY: BWM | SCALE: As Noted | DWG: 51 OF 9 |

MacLeod Structural Engineers, P.A.
 98 Bridge Street
 Westbrook, ME 04092
 Tel: (207) 856-0044
 Fax: (207) 856-1616
 Toll Free: (877) 88-STEEL

Copyright © 2004 MacLeod Structural Engineers, P.A.
 Reproduction Of This Document Without The Written Consent Of
 MacLeod Structural Engineers, P.A. Is Prohibited.