

FILE NAME: 6164-S1.0.DWG DATE: 2006.11.07 DESCRIPTION: MEZZANINE FOR NEW ADDITION PROJECT No: 2005-135 ADDRESS: 860 EMPRESS ST.

NOTES :

LUMBER

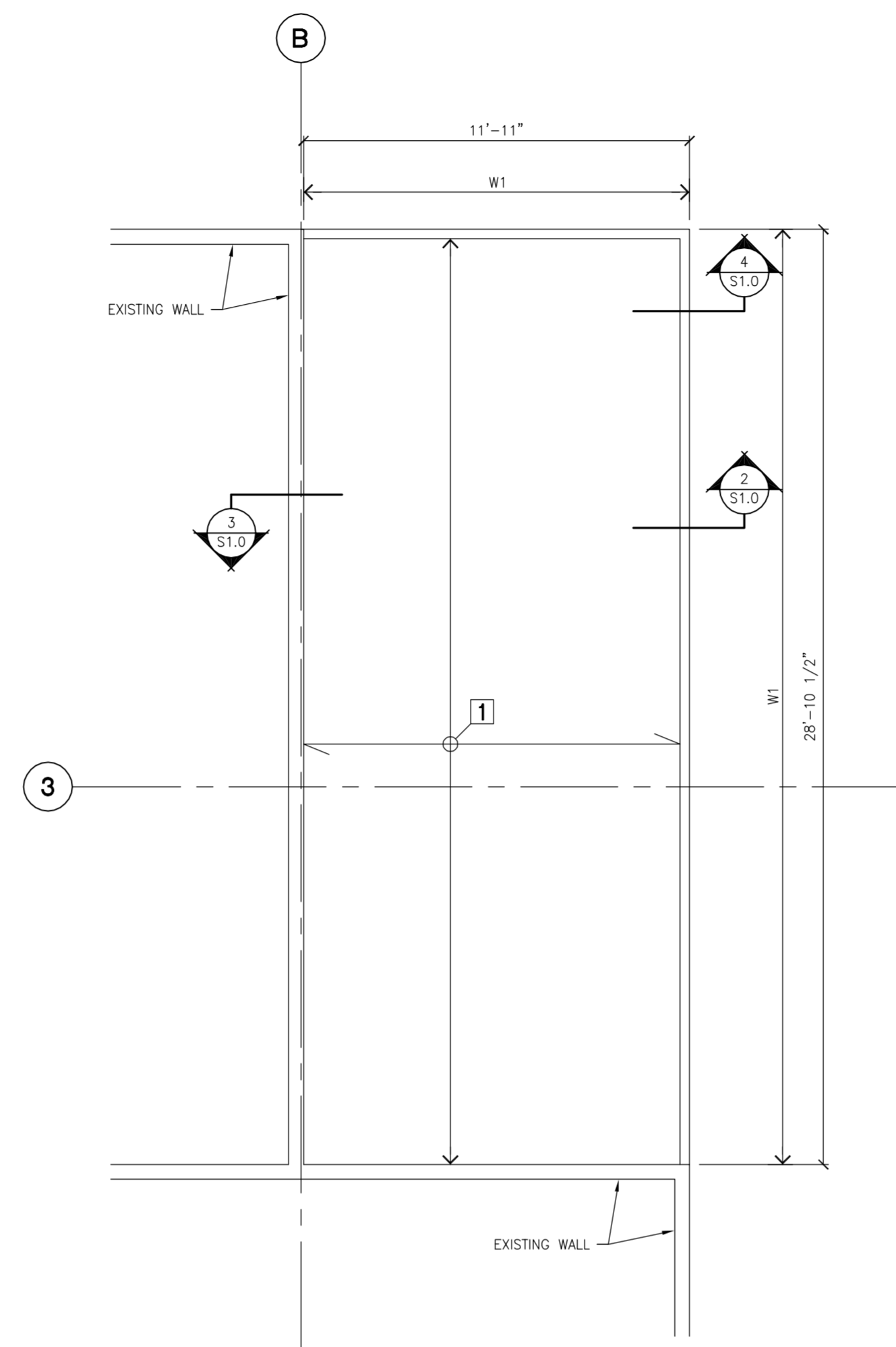
- FRAMING LUMBER SHALL CONFORM TO THE LATEST EDITION OF CSA 0141 AND SHALL BE OF THE FOLLOWING MINIMUM GRADES:
 LINTELS, JOISTS, AND BEAMS: S-P-F NO. 2
 STUD WALLS: S-P-F NO. 2
- ALL SHEATHING MATERIAL TO BE 1/2" STD. SPRUCE PLYWOOD IN ACCORDANCE WITH CSA 0325 UNLESS NOTED OTHERWISE. ALL SHEETS TO BE STAGGERED, FASTEN SHEETS WITH 2 1/2" COMMON NAILS AT 12" O/C ALONG ALL STUDS AND AT 6" O/C ALONG EDGES OF SHEET, UNLESS NOTED OTHERWISE.
- ALL FLOOR AND ROOF JOISTS TO HAVE CONTINUOUS CROSS BRIDGING AT 6'-0" MAX. SPACING UNLESS NOTED OTHERWISE.

NON-STRUCTURAL ELEMENTS

- "NON-STRUCTURAL" OR "SECONDARY STRUCTURAL" ELEMENTS ARE NOT THE RESPONSIBILITY OF TOWER ENGINEERING GROUP. THEY ARE DESIGNED, DETAILED AND REVIEWED IN THE FIELD BY OTHERS. THEY APPEAR ON DRAWINGS OTHER THAN THOSE OF TOWER ENGINEERING GROUP WHERE STRUCTURAL ENGINEERING RESPONSIBILITY IS REQUIRED FOR THESE ELEMENTS, THIS SHALL BE PROVIDED BY SPECIALTY STRUCTURAL ENGINEERS, WHO SHALL ALSO PROVIDE ANY LETTERS REQUIRED BY BUILDING PERMIT AUTHORITIES.
- EXAMPLES OF NON-STRUCTURAL ELEMENTS INCLUDE, BUT ARE NOT LIMITED TO:
 - ARCHITECTURAL COMPONENTS SUCH AS GUARDRAILS, HANDRAILS, CEILINGS, MILLWORK ETC.
 - LANDSCAPE ELEMENTS SUCH AS BENCHES, LIGHT POSTS, PLANTERS, ETC.
 - CLADDING, GLAZING, WINDOW MULLIONS, INTERIOR STUD WALLS AND EXTERIOR STUD WALLS.
 - ARCHITECTURAL PRECAST, PRECAST CLADDING.
 - MECHANICAL AND ELECTRICAL EQUIPMENT, COMPONENTS, AND THEIR ATTACHMENT DETAILS.
 - ELEVATORS AND CONVEYING SYSTEMS.
 - BRICK OR BLOCK VENEERS AND THEIR ATTACHMENTS.
 - NON-LOAD BEARING MASONRY.
 - NON-STRUCTURAL CONCRETE TOPPING.
 - ALUMINUM SKYLIGHTS.
- SHOP DRAWINGS FOR NON-STRUCTURAL ELEMENTS WHICH MAY AFFECT THE PRIMARY STRUCTURAL SYSTEM SHALL BE SUBMITTED TO TOWER ENGINEERING GROUP THESE DRAWINGS WILL BE REVIEWED ONLY FOR THE EFFECT ON THE PRIMARY STRUCTURAL SYSTEM.

STRUCTURAL MOVEMENTS/ TOLERANCES

THIS STRUCTURE WILL UNDERGO NORMAL TYPES OF MOVEMENT AND DEFLECTION AND THE NON-STRUCTURAL COMPONENTS MUST BE DETAILED TO ACCOMMODATE THIS. DRYWALL, PARTITIONS, MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT AND BUILDING FIXTURES MUST BE DETAILED AND INSTALLED TO ACCOMMODATE SLAB MOVEMENT. ALL STRUCTURES ARE SUBJECT TO CONSTRUCTION TOLERANCES. THIS SHOULD BE ALLOWED FOR IN DETAILING NON-STRUCTURAL COMPONENTS.



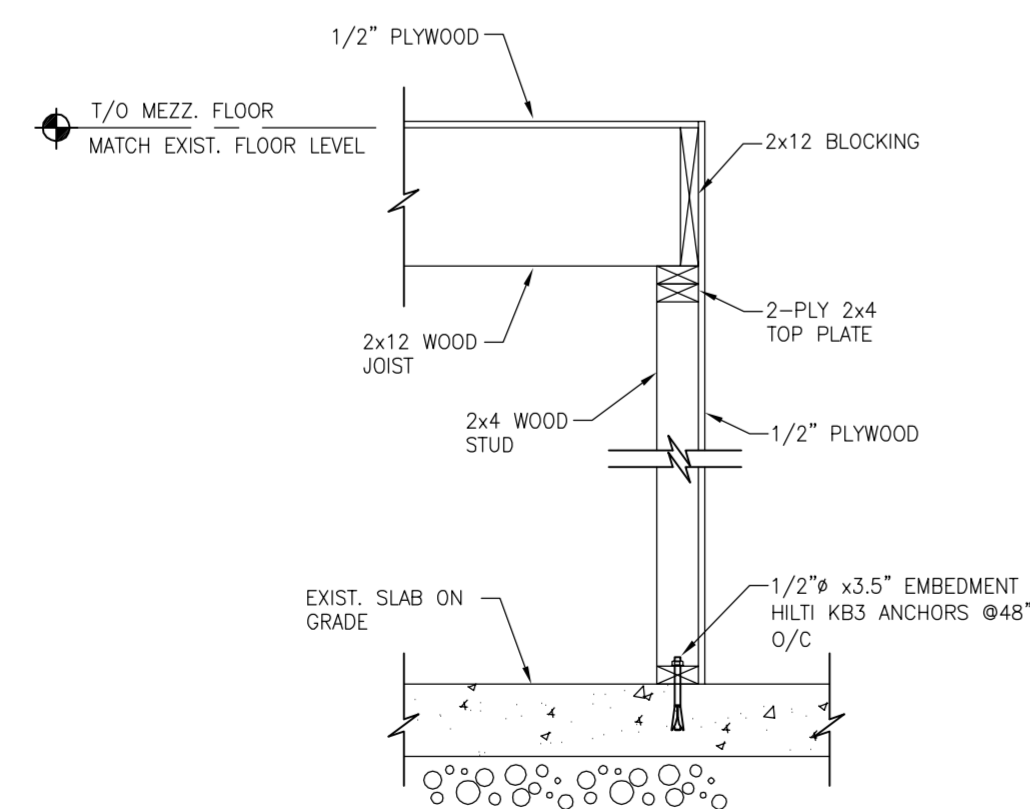
1 NEW MEZZANINE PLAN
SCALE: 1/4"=1'-0"

WOOD STUD WALL SCHEDULE	
MARK	WOOD STUDS SIZE, TYPE AND SPACING
W1	2" x 4" SPF NO. 1/ NO. 2 @16" O/C

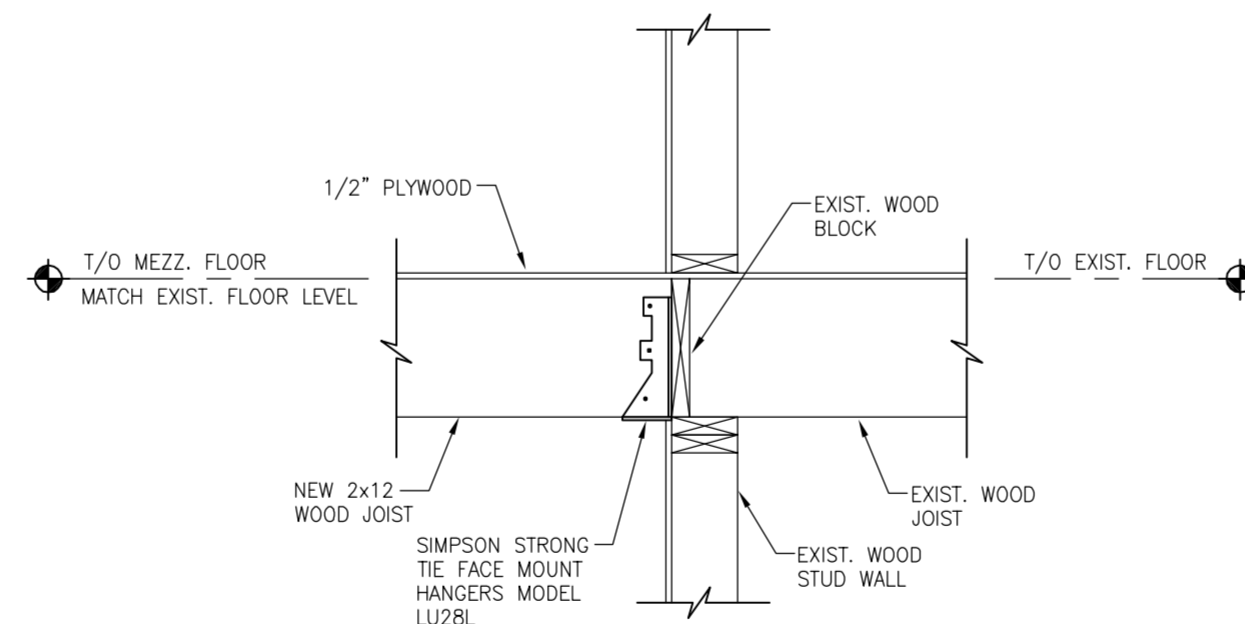
NOTES:
 - ALL WALLS ARE TO BE SHEATHED WITH 1/2" PLYWOOD ON ONE SIDE MINIMUM.
 - ALL SHEATHING TO BE FASTENED WITH 3" NAILS @6" O/C ON PANEL EDGES AND @12" O/C FOR INTERMEDIATE TYP. U.N.O.

JOIST SCHEDULE			
MARK	SIZE/ TYPE/ SPACING	LIVE LOAD	TOTAL LOAD
J1	2x12 SPF NO. 1/NO. 2 @16" O/C	50 PSF	75 PSF

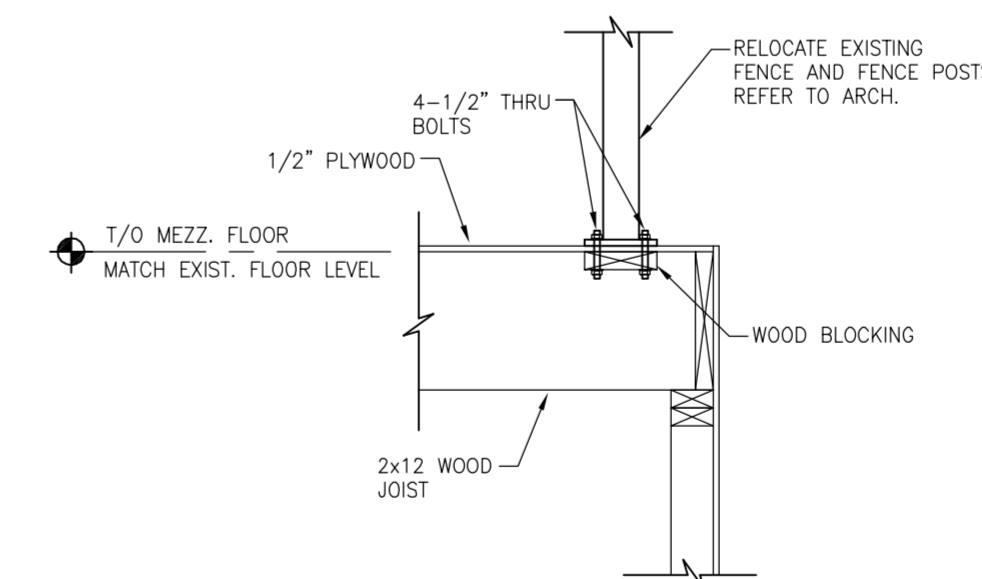
NOTE:
 - FLOOR SHEATHING TO BE 1/2" PLYWOOD FASTENED WITH 1 1/2" NAILS @6" O/C.



2 SECTION
SCALE: 3/4"=1'-0"



3 SECTION
SCALE: 3/4"=1'-0"



4 SECTION
SCALE: 3/4"=1'-0"

ORIGINAL STAMPED BY: N. MARTINEZ, P. ENG.
DATE: 2006.11.07

NO.	REVISION/DESCRIPTION	BY	DATE
2.	ISSUED FOR TENDER	NM	2006.11.07
1.	ISSUED FOR REVIEW	NM	2006.10.23

CONSULTANT TOWER PROJECT NO. : 6164

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SEALS
APECM
 Certificate of Authorization
 Tower Engineering Group Inc.
 No. 1918 Expiry: April 30, 2007

DRAWN BY: WL CHECKED BY: USER APPROVAL APPROVED
DATE: 2006.11.07

CITY OF WINNIPEG
 PLANNING, PROPERTY &
 DEVELOPMENT DEPARTMENT
 CIVIC ACCOMMODATIONS DIVISION
 300 - 65 GARRY ST. R3C 4K4

PROJECT
INTERIOR RENOVATIONS
 850 EMPRESS STREET

SHEET TITLE
MEZZANINE FOR NEW ADDITION
PLAN AND SECTIONS

SCALE AS NOTED PROJECT NO. 2005-135 SHEET NO. **S1.0**

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1