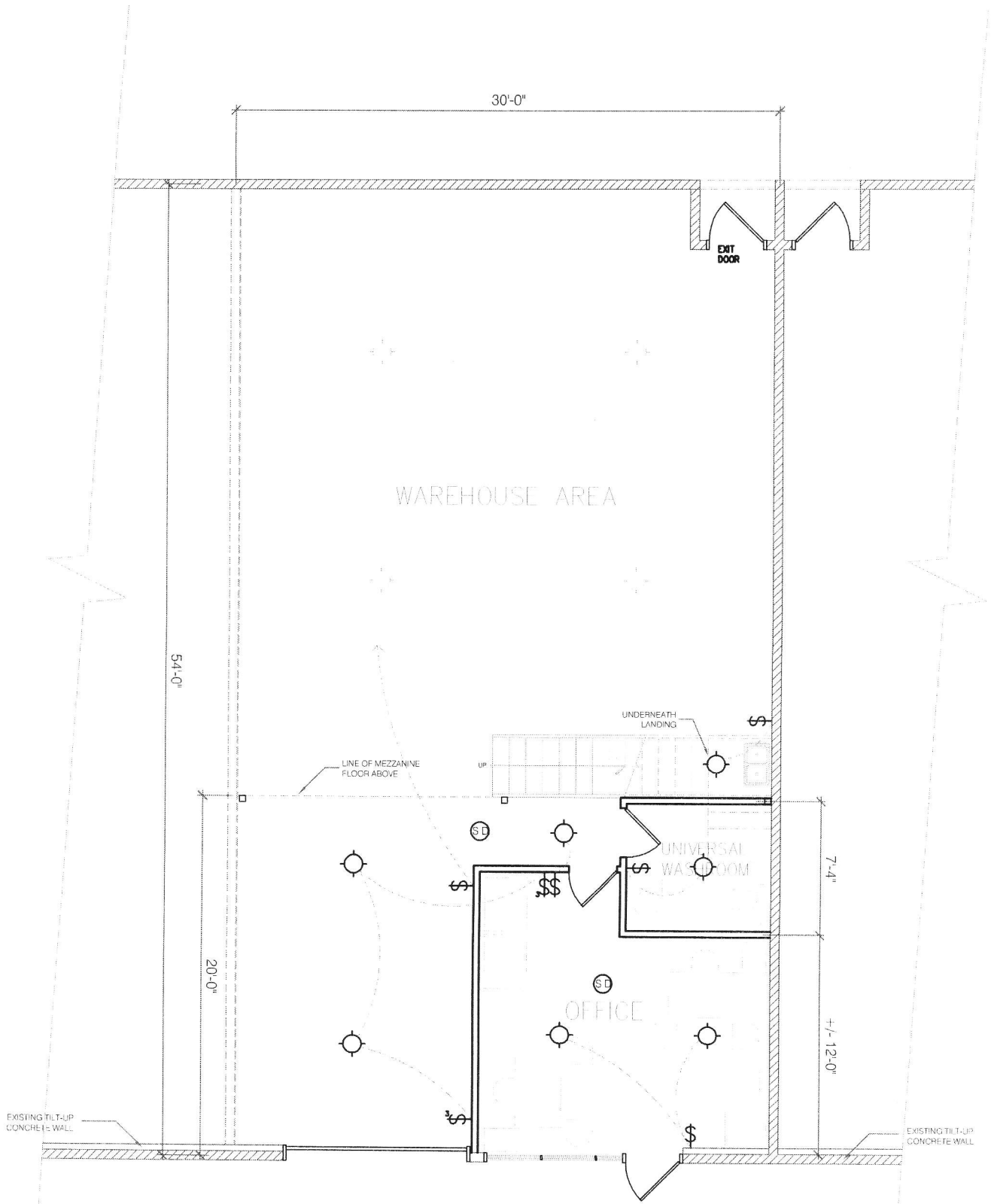







FLOOR PLAN

NOT TO SCALE



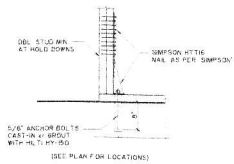
LEGEND FOR SYMBOLS

-  Lighting Outlet
-  Smoke Detector
-  Lighting Switch
-  Lighting Switch, 2 Gang
-  Circuit Home Run

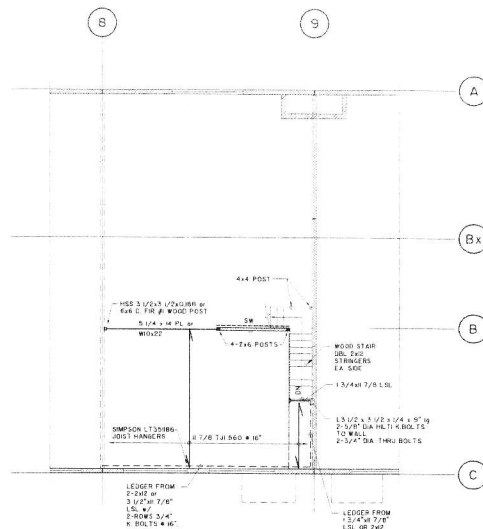
MAIN FLOOR LIGHTING LAYOUT

NOT TO SCALE



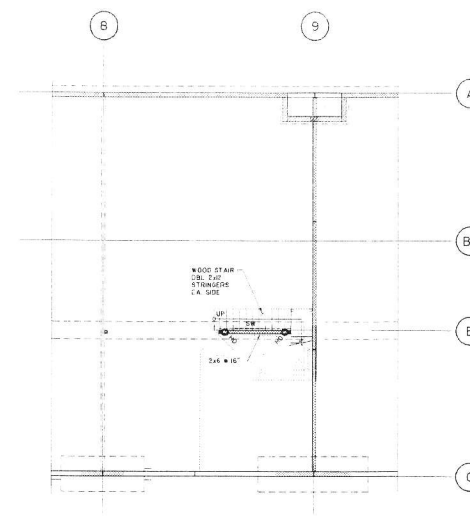


101 TYPICAL HOLD DOWN DETAIL



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

DESIGN LOADS:
DL = 10 PSF
LL = 100 PSF



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

T.O. EXISTING WAREHOUSE SLAB - CL. 100'-0"

WALL NOTES

1. TYPICAL STRUCTURAL WALLS - LOAD BEARING AND SHEAR WALLS: 2x6 @ 16" O.C.
2. 1/2" DIA. BOLTS @ 48" O.C. TYP.
3. 5/8" DIA. BOLTS @ 24" O.C. FOR ALL SHEAR WALLS (SW).
4. STUDS MINIMUM AT JOIST BEARING POINTS - UNLESS INDICATED OTHERWISE.
5. THIS DOES NOT INCLUDE BOLTS REQUIRED FOR HOLD DOWNS. BOLTS REQUIRED FOR HOLD DOWNS ARE IN ADDITION.
6. SEE PLAN FOR ADDITIONAL STUDS AT BEAM/INTELS.
7. NAILING IS AT 16" O.C. TO INTERMEDIATE SUPPORTS.
8. ALL PANEL JOINTS IN PLY WALLS ARE TO BE BLOCKED.
9. NAIL SPACING IS FOR 2" COMMON NAILS. ALTERNATE NAILS MAY REQUIRE REINFORCED SPACING. STAPLES ARE NOT ACCEPTABLE.
10. INDICATES (H/D) HOLD DOWN ANCHORS BY SIMPSON AND SEE 101.

11. SW INDICATES BEARING/SHEAR WALL. SEE PLAN SHEAR WALL CODE WALLS AT 3' O.C. SHEAR WALLS TO BE 2x6 @ 16" MIN.

- 101
- STEEL BEAM
 - WOOD BEAM
 - WOOD JOIST
 - BEAM AT JOIST HANGER

GENERAL STRUCTURAL NOTES

1. ALL NEW STRUCTURAL WORK MEETS THE REQUIREMENTS OF IBC/RC 2006.
2. BACKFILL GRAVEL
CLEAN GRANULAR SOIL, FREE OF ORGANIC OR OTHER HARMFUL IMPURITIES WITH MAX 8% PASSING #200 SIEVE. COMPACT ALL BACKFILL SOILS TO 95% STANDARD PROCTOR DENSITY.
3. INSPECTIONS
NOTIFY THE ENGINEER 24 HOURS IN ADVANCE FOR INSPECTION OF:
CONCRETE WORK BEFORE POURING CONCRETE
WOOD FRAMING BEFORE COVERING UP STEEL
4. WOOD FRAMING
CONFORM TO IBC/RC AND PART 9 OF BUILDING CODE
JOISTS #2 SPF MILN (SRED) (S) 16"
PLATES #2 SPF MILN (SRED) (S) 16"
STUDS #2 SPF MILN (SRED) (S) 16"
PLYWOOD #1 OR #2 EXTERIOR SHEATHING GRADE
EXTERIOR WALL SHEATHING 1/2" 1-CO PLY
FLOOR SHEATHING 3/4" 1-CO PLY
BUILD UP STUDS TO EQUAL THE NUMBER OF PILES IN BEAM SUPPORTED
USE JOIST HANGERS AT ALL FLOOR BEAMS
USE C/SHE HEADERS OVER ALL OPENINGS IN CON PLANS
TREAT ALL WOOD IN CONTACT WITH CONCRETE WITH 2 COATS OF WOOD PRESERVATIVE
5. STRUCTURAL STEEL
CONFORM TO AISC SPEC
WIDE FLANGE BEAMS AND COLUMNS 50W
CHANNELS AND ANGLES 50W
VTS SECTIONS (CLASS C) 50W
STRUCTURAL PLATE AND PLATES 50W
MISCELLANEOUS STEEL 50W OR 40W
PIPE COLUMNS ASTM A53 B 65
ERECTOR 3015-MN 5/4" ASTM A307
ANCHOR BOLTS ASTM A307
GALVANIZING 554

HANDRAILS AND GUARDS

6. DESIGN ALL HANDRAILS AND GUARDS TO RESIST LOADS AS SPECIFIED IN SECTION 3.4.4.4 AND 4.1.5.13 OF THE IBC BUILDING CODE 2006.
7. PROVIDE SHOP DRAWINGS AND LETTERS OF ASSURANCE SEALED BY A REGISTERED PROFESSIONAL ENGINEER, INCLUDE MEMBER SIZES, SPACING AND CONNECTIONS TO STRUCTURE. ALSO INCLUDE ALL DETAILS FOR REINFORCING OF SUPPORTING STRUCTURAL ELEMENTS TO RESIST FLAING FORCES.

NO.	DATE	DESCRIPTION

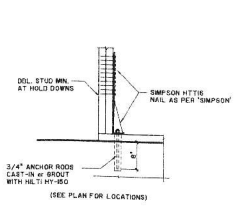
WSB
WEILER SMITH BOWERS
CONSULTING STRUCTURAL ENGINEERS
48-3845 HENNING DR. TEL: (604) 294-3753
DURNFORD CANADA V5C 6M3 FAX: (604) 294-3754
S 604 www.wsb-ns.com

PROJECT
UNIT 208

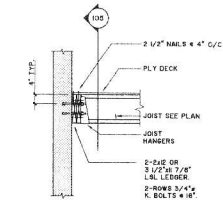
1750 COAST MERIDIAN ROAD
PORT COQUITLAM, BC

DRAWING
FOUNDATION AND MEZZANINE FRAMING PLANS

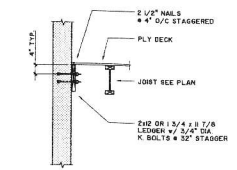
SCALE	DRAWN JFC
DESIGNED G.S.	CHECKED
DATE JAN 2010	PROJECT - DRAWING NUMBER 10-178 S1
REV 1	



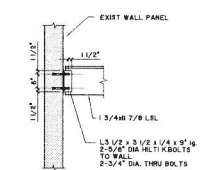
101 TYPICAL HOLD DOWN DETAIL



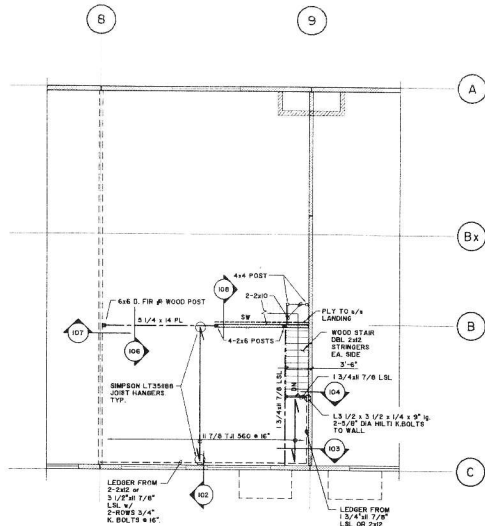
102 WOOD LEDGER - JOIST PERPENDICULAR TO WALL



103 WOOD LEDGER - JOIST PARALLEL TO WALL

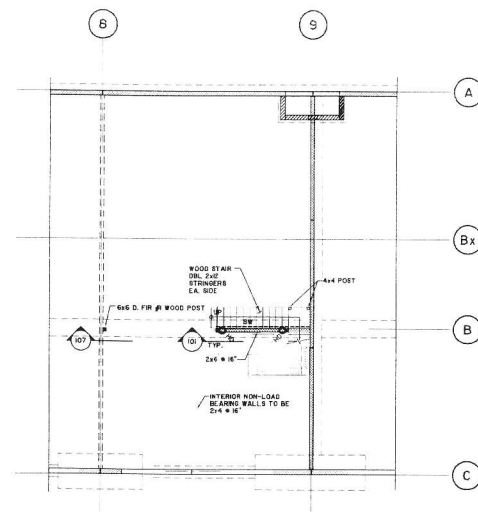


104 BEAM TO WALL CONNECTION



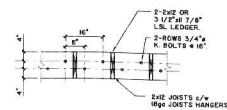
MEZZANINE FRAMING PLAN 1/8" = 1'-0"

DESIGN LOADS:
D.L. = 10 PSF
L.L. = 100 PSF

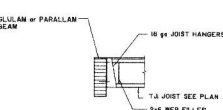


FOUNDATION PLAN 1/8" = 1'-0"

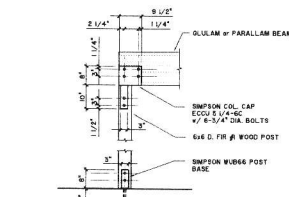
T.O. EXISTING WAREHOUSE SLAB - EL. 100'-0"



105 LEDGER CONNECTION



106 MEZZANINE FLOOR EDGE

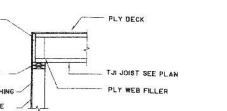


107 6x6 WOOD POST CAP AND BASE DETAIL

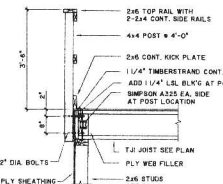
- WALL NOTES**
- TYPICAL STRUCTURAL WALLS - LOAD BEARING AND SHEAR WALLS: 2x6 @ 16" O.C.
 - 2x6 DIA. BOLTS @ 24" O.C. FOR ALL SHEAR WALLS (SW)
 - 4 STUDS MINIMUM AT JOIST BEARING POINTS - UNQ.
 - BOLTING DOES NOT INCLUDE BOLTS REQUIRED FOR WOOD JOISTS. BOLTS REQUIRED FOR HOLD DOWNS ARE IN ADDITION.
 - SEE PLAN FOR ADDITIONAL STUDS AT BEAM/INTELS.
 - NAILING IS AT 6" O.C. TO INTERMEDIATE SUPPORTS.
 - ALL PANEL JOINTS IN PLY WALLS ARE TO BE BLOCKED.
 - NAILS SPACING IS FOR 3" COMMON NAILS. ALTERNATE NAILS MAY REQUIRE REDUCED SPACING. STAPLES ARE NOT ACCEPTABLE.
 - INDICATES (S) HOLD DOWN ANCHORS BY 'SIMPSON' UNQ. SEE 101 HOLD DOWN TO BE 'SIMPSON' HT16.
 - SW INDICATES BEARING/SHEAR WALL. SEE PLAN SHEAR WALL EDGE NAILS AT 3" O.C. SHEAR WALLS TO BE 2x6 @ 16" MIN.
 - STEEL BEAM
 - WOOD BEAM
 - WOOD JOIST
 - BEAM w/ JOIST HANGER

GENERAL STRUCTURAL NOTES

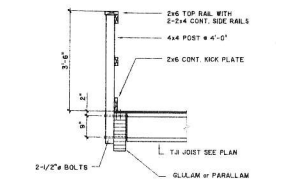
- ALL NEW STRUCTURAL WORK MEETS THE REQUIREMENTS OF CBC 2006.
- BACKFILL GRAVEL: CLEAN CRUSHED GRAVEL, FREE OF ORGANIC OR OTHER HARMFUL IMPURITIES WITH MIN. 85% FINING #200 SIEVE. CONTACT ALL BACKFILL SOLE TO 80% STANDARD PROCTOR DENSITY.
- INSPECTIONS: NOTIFY THE ENGINEER 24 HOURS IN ADVANCE FOR INSPECTION OF CONCRETE WORK BEFORE POURING CONCRETE. WOOD FRAMING BEFORE COVERING UP STEEL.
- WOOD FRAMING: CONFORM TO CBC 2006 AND PART 9 OF BUILDING CODE. JOISTS: #2 SPF KALN DIMED (KD) PLATES #2 SPF KALN DIMED (KD) STUDS #2 SPF KALN DIMED (KD) EXTERIOR WALL SHEATHING: 1/2" 1x6 PLY FLOOR SHEATHING: 3/4" 1x6 PLY BUILD UP STUDS TO EQUAL THE NUMBER OF PILES IN BEAM SUPPORTED. USE JOIST HANGERS AT ALL FLOOR BEAMS. USE 2x6x8 HEADERS OVER ALL OPENINGS (S) ON PLANS. TREAT ALL WOOD IN CONTACT WITH CONCRETE WITH 2 COATS OF WOOD PRESERVATIVE.
- STRUCTURAL STEEL: CONFORM TO CSA S408. WIDE FLANGE BEAMS AND COLUMNS: 50W CHANNEL AND ANGLES: 44W MES SECTIONS (CLAS C) 50W 44W MISCELLANEOUS STEEL: ASTM A36, A572, A588 PIPE COLUMN: ASTM A535 ANCHOR BOLTS: 3/4" GALVANIZING: 664
- HANDRAILS AND GUARDS: DESIGN ALL HANDRAILS AND GUARDS TO RESIST LOADS AS SPECIFIED IN SECTION 3.4.4 AND 4.1.5.15 OF THE B.C. BUILDING CODE 2006. PROVIDE SHIP SHOWN AND LETTERS OF ASSURANCE SEALED BY A B.C. PROFESSIONAL ENGINEER, INCLUDING MEMBER SIZES, SPACING AND CONNECTIONS TO STRUCTURE. ALSO INCLUDE ALL DETAILS FOR REINFORCING OF SUPPORTING STRUCTURAL ELEMENTS TO RESIST GUARD FORCES.



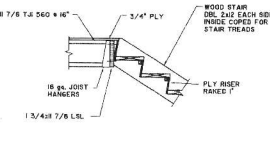
108 MEZZANINE FLOOR EDGE



109 MEZZANINE FLOOR HANDRAIL AT STUD WALL



110 MEZZANINE FLOOR HANDRAIL AT FLOOR BEAM



111 TOP OF STAIR CONNECTION

NO.	DATE	DESCRIPTION

PROJECT
UNIT 208

DRAWING AND MEZZANINE FRAMING PLANS

SEAL: DRAWN jmo
DESIGNED G.S.
CHECKED
DATE JAN'2010

PROJECT - DRAWING NUMBER 10-178
REV. 1

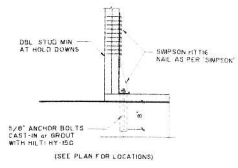
WSB

WEILER SMITH BOWERS
CONSULTING STRUCTURAL ENGINEERS

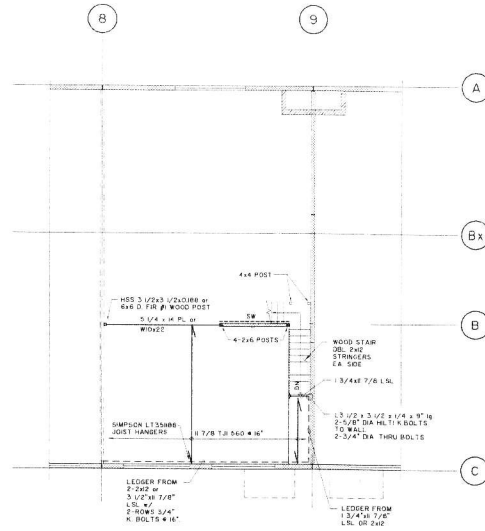
88-3805 HENNING DR.
BURNABY B.C.
CANADA V5C 6N5
E-MAIL: wsb@wsb-eng.com

TEL: (604) 294-3755
FAX: (604) 294-3754

1730 COAST MERIDIAN ROAD
PORT COQUITLAM, B.C.



101 TYPICAL HOLD DOWN DETAIL



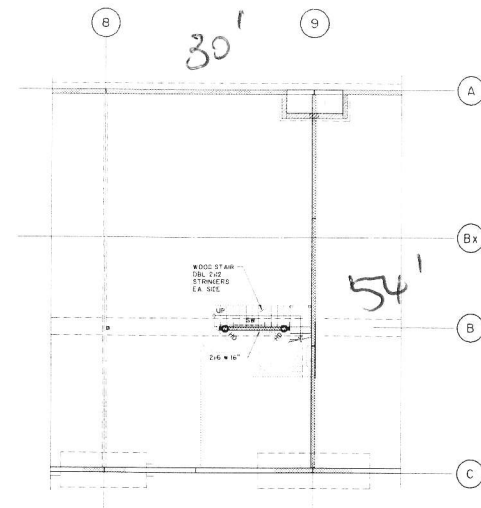
MEZZANINE FRAMING PLAN 1/8" = 1'-0"

DESIGN LOADS:
D.L. = 10 PSF
L.L. = 100 PSF

WALL NOTES

1. TYPICAL STRUCTURAL WALLS - LOAD BEARING AND SHEAR WALLS 2x6 @ 6' O.C.
2. 4" STUDS MINIMUM AT JOIST BEARING POINTS - 1/2" DIA. BOLTS @ 48" O.C. TYP.
3. 5/8" DIA. BOLTS @ 24" O.C. FOR ALL SHEAR WALLS (SW)
4. 2x4 STUDS MINIMUM AT JOIST BEARING POINTS - 1/2" DIA. BOLTS @ 24" O.C. FOR ALL SHEAR WALLS (SW)
5. HOLD-DOWN BOLTS REQUIRED FOR HOLD-DOWNS ARE IN ADDITION.
6. SEE PLAN FOR ADDITIONAL STUDS AT BEAM/INT'LTS.
7. NAILING IS AT 6" O.C. TO INTERMEDIATE SUPPORTS.
8. ALL PANEL JOINTS IN PLY WALLS ARE TO BE BLOCKED.
9. NAIL SPACING IS FOR 3" COMMON NAILS. ALTERNATE NAILS MAY REQUIRE REDUCED SPACING. STAPLES ARE NOT ACCEPTABLE.
10. O INDICATES HOLD DOWN ANCHORS BY SIMPSON UNO. SEE (10) HOLD-DOWN TO BE SIMPSON HT116.
11. SW INDICATES BEARING/SHEAR WALL. SEE PLAN SHEAR WALL. (12) WALLS AT 3' O.C. SHEAR WALLS TO BE 2x6 @ 6" MIN.

12. STEEL BEAM
13. WOOD BEAM
14. WOOD JOIST
15. BEAM OR JOIST HANGER



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

T.O. EXISTING WAREHOUSE SLAB - E.L. 100'-0"

GENERAL STRUCTURAL NOTES

1. ALL NEW STRUCTURAL WORK MEETS THE REQUIREMENTS OF BCBC 2006.
2. BACKFILL GRAVEL: CLEAN WASHED SOIL, FREE OF ORGANIC OR OTHER HARMFUL IMPURITIES WITH MAX. 10% PASSING #200 SIEVE. COMPACT ALL BACKFILL SOILS TO 95% STANDARD PROCTOR DENSITY.
3. INSPECTIONS: NOTIFY THE ENGINEER 24 HOURS IN ADVANCE FOR INSPECTION OF: CONCRETE WORK - BEFORE POURING CONCRETE; WOOD FRAMING - BEFORE COVERING UP STEEL.
4. WOOD FRAMING: CONFORM TO USA DPG AND PART 5 OF BUILDING CODE JOISTS #2 SPT KILN DRIED (KD) PLATES #2 SPT KILN DRIED (KD) STUCCO KILN DRIED, FINGER JOINTED, #2 SPT EXTERIOR WALL SHEATHING 1/2" 1x6 PLY FLOOR SHEATHING 1/2" 1x6 PLY GIRDERS OR STUDS TO EQUAL THE NUMBER OF PILES IN BEAM SUPPORTED USE JOIST HANGERS AT ALL FLUSH BEAMS. USE 2x4 JOIST HEADERS OVER ALL OPENINGS UNLESS OTHERWISE NOTED. TREAT ALL WOOD IN CONTACT WITH CONCRETE WITH 2 COATS OF WOOD PRESERVATIVE.
5. STRUCTURAL STEEL: CONFORM TO CSA G40.21 WIDE FLANGE BEAMS AND COLUMNS 50W CHANNELS AND ANGLES 50W HSS SECTIONS (CLASS C) STRUCTURAL BEAMS AND PLATES 50W OR 4x4x ASTM A585 ORB MISCELLANEOUS STEEL ASTM A325 ANCHOR BOLTS ASTM A307 GALVANIZING 064

HANDRAILS AND GUARDS

6. DESIGN ALL HANDRAILS AND GUARDS TO RESIST LOADS AS SPECIFIED IN SECTION 3-4-4 AND 4-1-10 OF THE B.C. BUILDING CODE 2006.
7. PROVIDE SHOP DRAWINGS AND LETTERS OF ASSURANCE SEALED BY A B.C. PROFESSIONAL ENGINEER. INCLUDE MEMBER SIZES, SPACING AND CONNECTIONS TO STRUCTURE. ALSO INCLUDE ALL DETAILS FOR REINFORCING OF SUPPORTING STRUCTURAL ELEMENTS TO RESIST GUARD FORCES.

NO.	DATE	DESCRIPTION
WELER SMITH POWERS CONSULTING STRUCTURAL ENGINEERS 18-3805 HENNING DR. TEL: (604) 298-3753 SUDBURY B.C. CANADA V5C 6N3 FAX: (604) 254-3754 5 MAIL WS@WSB-ENG.CORP		
PROJECT UNIT 208		
1730 COAST MERIDIAN ROAD FORT COQUITLAN, B.C.		
DRAWING FOUNDATION AND MEZZANINE FRAMING PLANS		
DESIGN	JMS	
DRAWN		
DESIGNED	GS	
CHECKED		
DATE	JAN 2010	
PROJECT - DRAWING NUMBER	REV	
10-178	S1	I