



APPLICATION FOR BUILDING PERMIT OR DEMOLITION PERMIT

DEVELOPMENT PERMIT:

Building Permit Number: _____ Class of Work: _____
Address: 459 Lillooet St. W. Subdivision: _____
Lot: _____ Block: _____ Plan: _____
Owner: MR. SAM MORRISON Address: _____
Postal Code: S6H 4Z4 Phone Number: _____
Contractor: C+S Builders Ltd. Address: 695 High St. W.
Postal Code: S6H 1S6 Phone Number: 306-692-7838
Architect/Engineer: _____ Address: _____
Postal Code: _____ Phone Number: _____
Proposed Use: COLLECTOR CAR STORAGE

Size of Principal Building: Length: _____ Width: _____ Height: _____
Size of Attachment: Length: _____ Width: _____ Height: _____
Size of Accessory Building: Length: 68' Width: 24' Height: 8'

Development Officer: _____ Date Signed: _____

BUILDING PERMIT:

Cost on Contract Basis Exclusive of Lot: \$ 80,000.⁰⁰
Length Basement (m): 20.726 (68') Width Basement (m): 7.315 (24')
Material Built: WOOD FRAME Thickness (mm): _____
Material of Footing: CONCRETE Depth (mm): _____ Width (mm): _____
Type of Roofing: Asphalt Joist Size (mm): 1st Floor: _____ 2nd Floor: _____ 3rd Floor: _____
Length of Joists Between Bearings (m): _____ Distance Center to Center (m): _____
Height of Ceilings (m): Basement: _____ 1st Floor: 8' 2nd Floor: _____ 3rd Floor: _____
Foundation Type: Concrete Slab Length (m): _____ Width (m): _____
Date: MAY 7, 2019 Signed By: Sam Shaw - C+S Builders Ltd.
(To be signed by owner or authorized agent)

The applicant is applying for a permit to build according to the plans and specifications submitted and agrees to comply with and conform to all laws, bylaws and regulations now or hereinafter in force.

Received By: _____

City of Moose Jaw Engineering Department
Application for Building Permit or Demolition Permit

For Office Use Only: Field Inspector: _____ Zone: _____
Building Inspector Signed ☐ Occupancy Group: _____
Paid ☐ Cheque ☐ Cash ☐ Payment Date: _____ Cost: _____
Building Inspector Approval: _____ Date: _____

Site Plan: Provide all required measurements, locate front and back doors and positions of any accessory building(s).
All Measurements in Metres Applications for accessory buildings: Indicate position of door and openings such as windows and vents.

Lane: _____

Side Length: _____

Side Yard: _____

Side Yard: _____

Front Yard: _____

Back Yard: _____

Principle Building

Total Site Area: _____

x 40% = _____

Total Site Coverage: _____

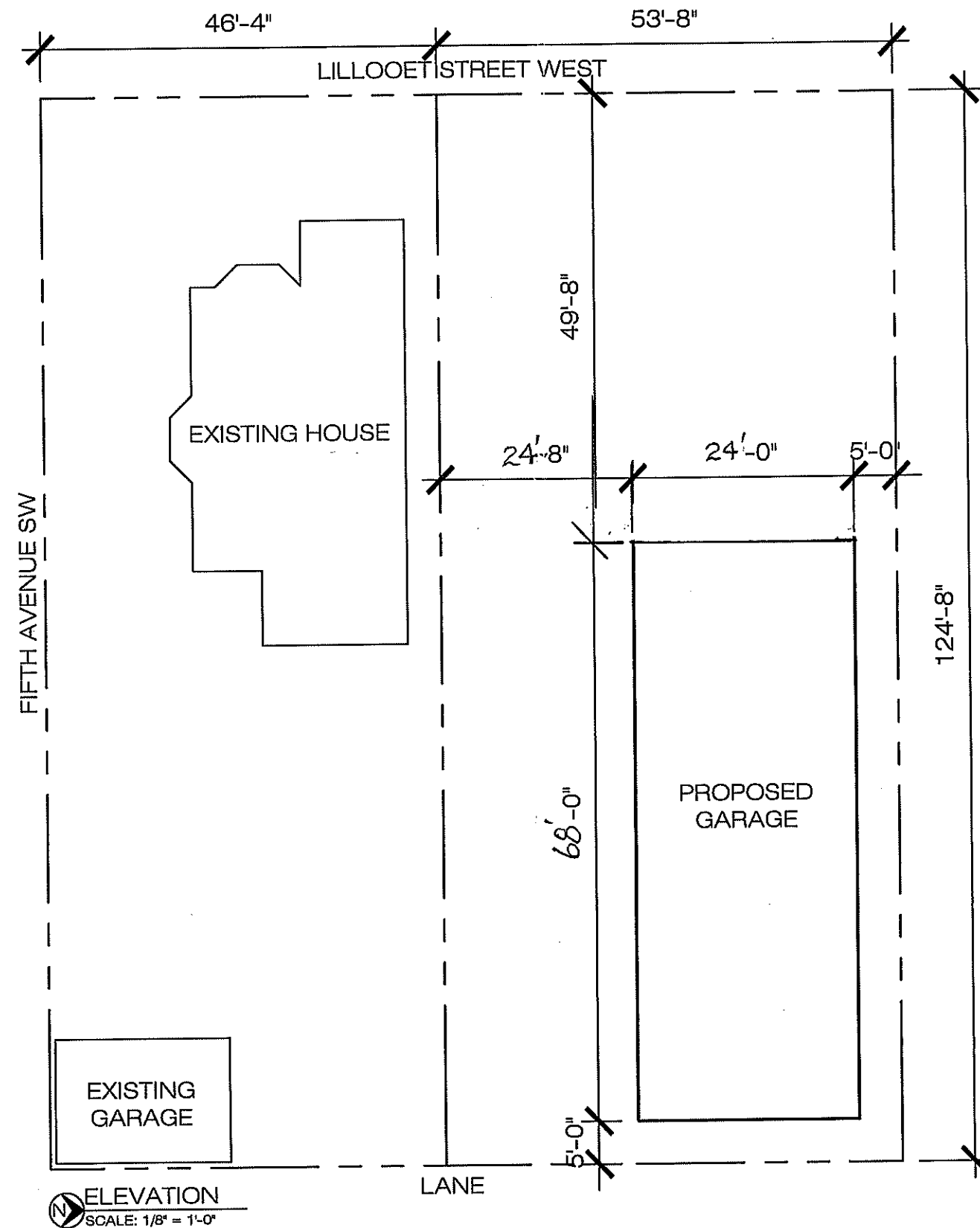
Rear Yard Area: _____

X 35% = _____

Area of detached Accessory Buildings: _____

Street Name: _____

Site Plan Attached.



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



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moose jaw, sk
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PROJECT

C&S BUILDERS LTD.

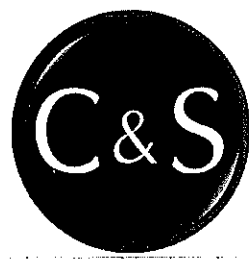
459 LILLOOET ST. W.
MOOSE JAW, SK

LOT SIZE: 6572 SQ.FT.
PROPOSED GARAGE:
~~1820~~ 1820 SQ.FT.
LOT COVERAGE: 27.6%

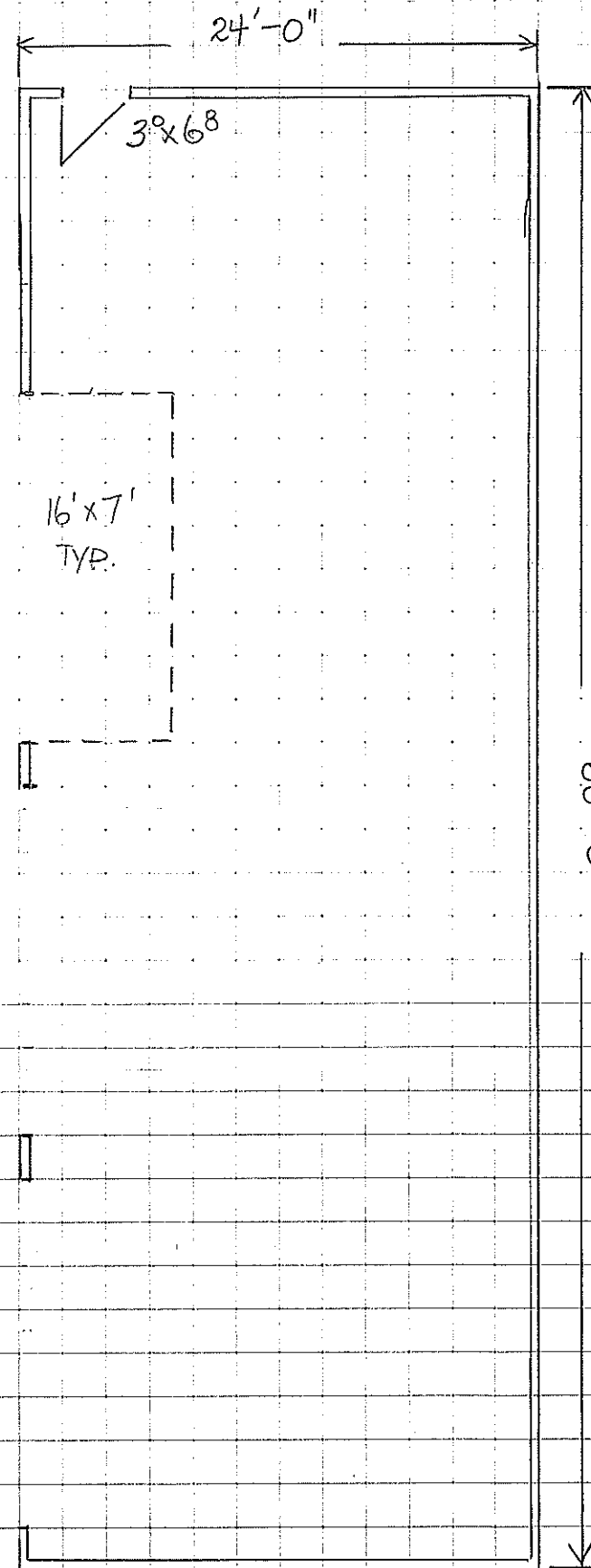
SITE PLAN

04/05/2019

A-0

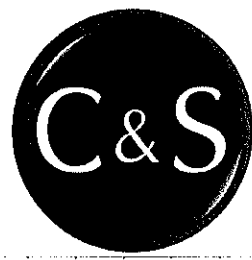


BUILDERS LTD.
EST. 1953

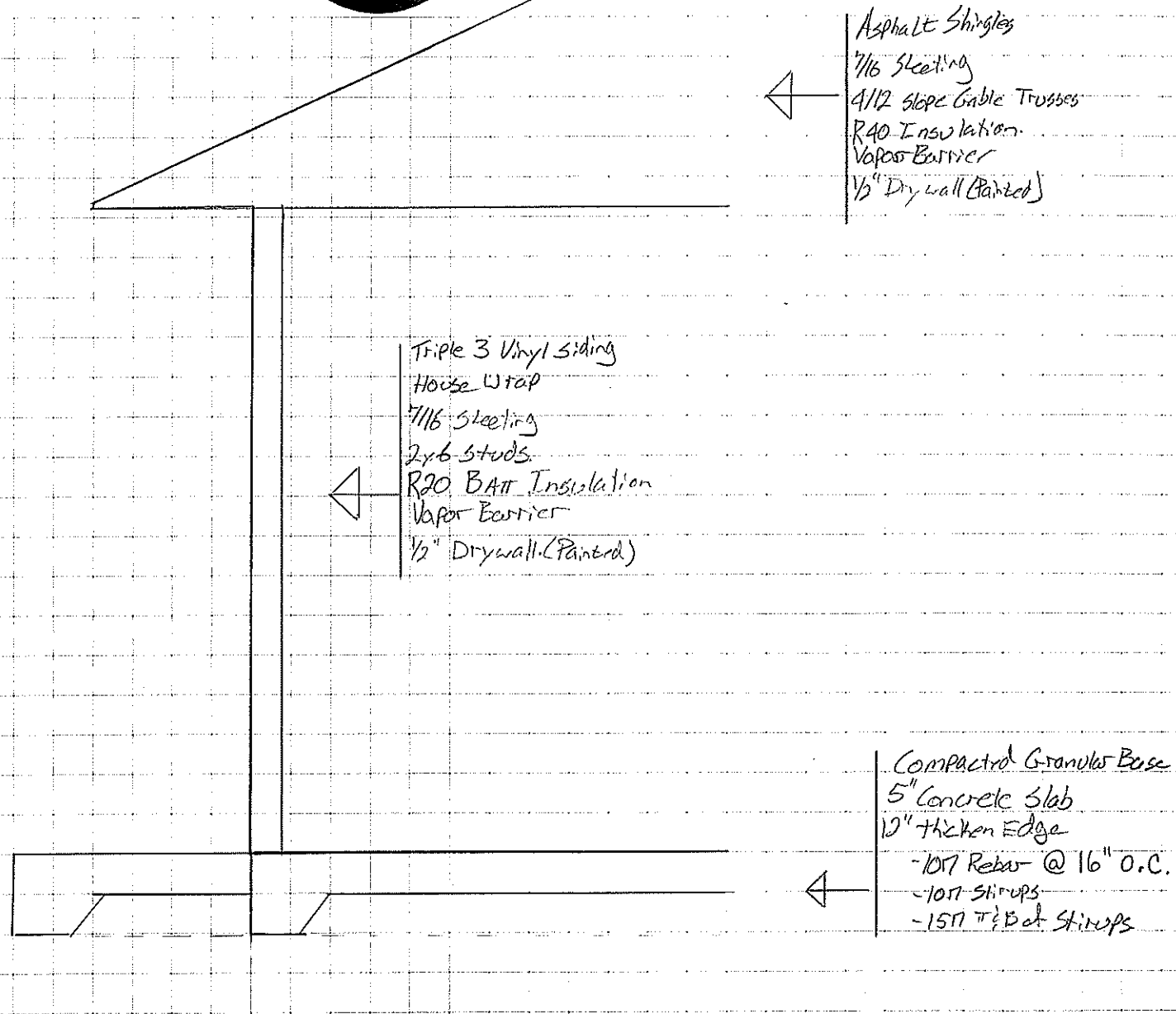


Collector CAR STORAGE

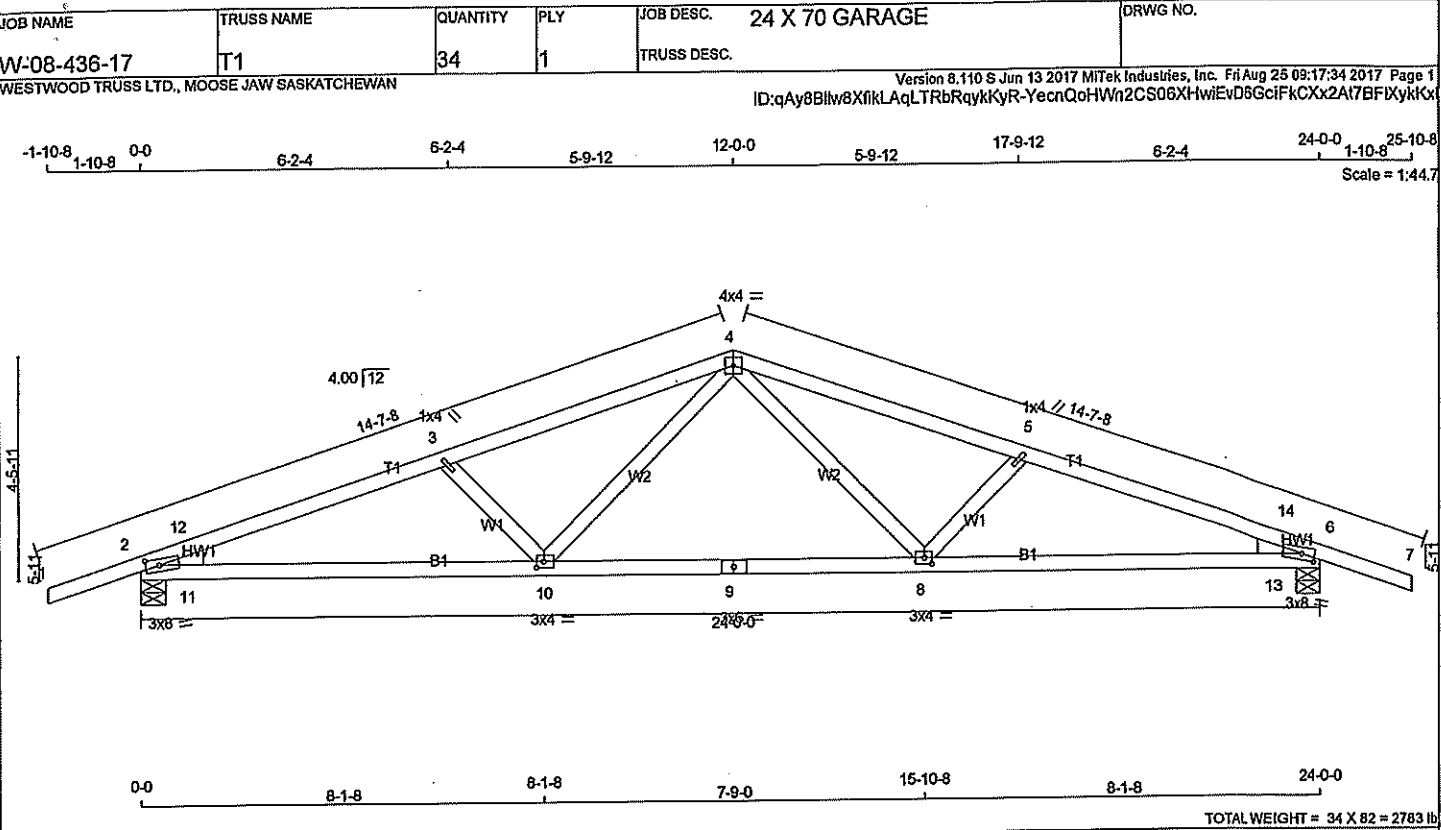
16' x 7' TYP.



BUILDERS LTD.
EST. 1953



Building Cross-Section



LUMBER

N. L. G. A. RULES

CHORDS

SIZE

LUMBER

DESCR.

1 - 4

2x4

DRY

No.2

SPF

4 - 7

2x4

DRY

No.2

SPF

2 - 9

2x4

DRY

No.2

SPF

9 - 6

2x4

DRY

No.2

SPF

ALL WEBS 2x4 DRY

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT

TYPE

PLATES

W

LEN

Y

X

2

TMBH1-m

MT20

3.0

8.0

1.50

3.25

3

TMBH1-m

MT20

1.0

4.0

4

TTWW-p

MT20

4.0

4.0

5

TTWW-p

MT20

1.0

4.0

6

TMBH1-m

MT20

3.0

8.0

1.50

3.25

8

BMWW-I

MT20

3.0

4.0

1.50

1.75

9

BS-I

MT20

3.0

6.0

10

BMWW-I

MT20

3.0

4.0

1.50

1.75

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

FACTORED

MAXIMUM FACTORED

INPUT

REQRD

HEEL

JT

GROSS REACTION

GROSS REACTION

BRG

BRG

WEDGE

2

VERT

HORZ

DOWN

HORZ

UPLIFT

IN-SX

2

1187

0

1187

0

0

6-0

6

1187

0

1187

0

0

6-0

UNFACTORED REACTIONS

1ST LCASE

MAX./MIN. COMPONENT REACTIONS

JT

COMBINED

SNOW

LIVE

PERM.LIVE

WIND

DEAD

SOIL

2

833

582 / 0

0 / 0

0 / 0

0 / 0

252 / 0

0 / 0

6

833

582 / 0

0 / 0

0 / 0

0 / 0

252 / 0

0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) 2, 6

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.21 FT.

MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT. OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING

TOTAL LOAD CASES: (4)

CHORDS

MAX. FACTORED

FACTORED

VERT. LOAD

LC1

MAX

MAX.

MEMB.

MAX.

FACTORED

MEMB.

FORCE

VERT.

PLF

CSI (LC)

UNBRAC

FORCE

MAX

CSI (LC)

FR-TO

FROM

LENGTH

FR-TO

1-2

0 / 16

-70.2

-70.2

0.18 (1)

10.00

3-10

-461 / 0

0.07 (1)

2-12

-2484 / 0

-70.2

-70.2

0.17 (1)

4.24

10-4

0 / 652

0.10 (1)

12-3

-2363 / 0

-70.2

-70.2

0.31 (1)

4.21

4-8

0 / 652

0.10 (1)

3-4

-2057 / 0

-70.2

-70.2

0.35 (1)

4.41

8-5

-461 / 0

0.07 (1)

4-6

-2057 / 0

-70.2

-70.2

0.35 (1)

4.41

11-12

0 / 124

0.00 (1)

5-14

-2363 / 0

-70.2

-70.2

0.31 (1)

4.21

13-14

0 / 124

0.00 (1)

14-5

-2484 / 0

-70.2

-70.2

0.17 (1)

4.24

6-7

0 / 16

-70.2

-70.2

0.18 (1)

10.00

2-11

0 / 2248

-17.5

-17.5

0.43 (1)

10.00

11-10

0 / 2248

-17.5

-17.5

0.45 (1)

10.00

10-9

0 / 1498

-17.5

-17.5

0.33 (1)

10.00

9-8

0 / 1498

-17.5

-17.5

0.33 (1)

10.00

8-13

0 / 2248

-17.5

-17.5

0.45 (1)

10.00

13-6

0 / 2248

-17.5

-17.5

0.43 (1)

10.00

DESIGN CRITERIA

SPECIFIED LOADS:

TOP CH. LL = 20.9 PSF

DL = 3.0 PSF

BOT CH. LL = 0.0 PSF

DL = 7.0 PSF

TOTAL LOAD = 30.9 PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2010

THIS DESIGN COMPLIES WITH:

- PART 9 OF OBC 2012, BCBC 2012, ABC 2014

- CSA 086-09

- TPIC 2011

(64 % OF 29.3 P.S.F. G.S.L. PLUS 2.1 P.S.F. RAIN LOAD) EQUALS 20.9 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.80")

CALCULATED VERT. DEFL.(LL) = L/999 (0.14")

ALLOWABLE DEFL.(TL)= L/360 (0.80")

CALCULATED VERT. DEFL.(TL) = L/999 (0.27")

CSI: TC=0.35 (3-4:1), BC=0.45 (8-13:1), WB=0.10 (4-8:1), SSI=0.18 (3-4:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10

COMP=1.10 SHEAR=1.10 TENS= 1.10

COMPANION LIVE LOAD FACTOR = 0.50

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES

PLATE GRIP(DRY) SHEAR SECTION

(PSI) (PLI) (PLI)

MAX MIN MAX MIN MAX MIN

MT20 618 354 1667 822 2284 1656

PLATE PLACEMENT TOL = 0.250 inches

PLATE ROTATION TOL = 5.0 Deg.

JSI GRIP= 0.88 (10) (INPUT = 0.90)

JSI METAL= 0.51 (9) (INPUT = 1.00)