ERICKSON CONSTRUCTION

8350 INDUSTRIAL AVE.
ROSEVILLE, CA 95678
(916) 774-1100 FAX: (916) 774-1117

CUSTOMER NAME: **SITELINE ARCHITECTURE**

JOB NAME: **DISTRICT SUPPORT SERVICES BUILDING**

JOB LOCATION: **10840 GILMORE WAY, GRASS VALLEY**

6:12 PITCH

ROOF TRUSSES

55.5# LOAD

WET SEALS

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x4 DF #1&BTR;
2x6 DF #2 T1, T2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 12.0"

Staple or equal at non-structural vertical members (uon).

Unbalanced live loads have been considered for this design.

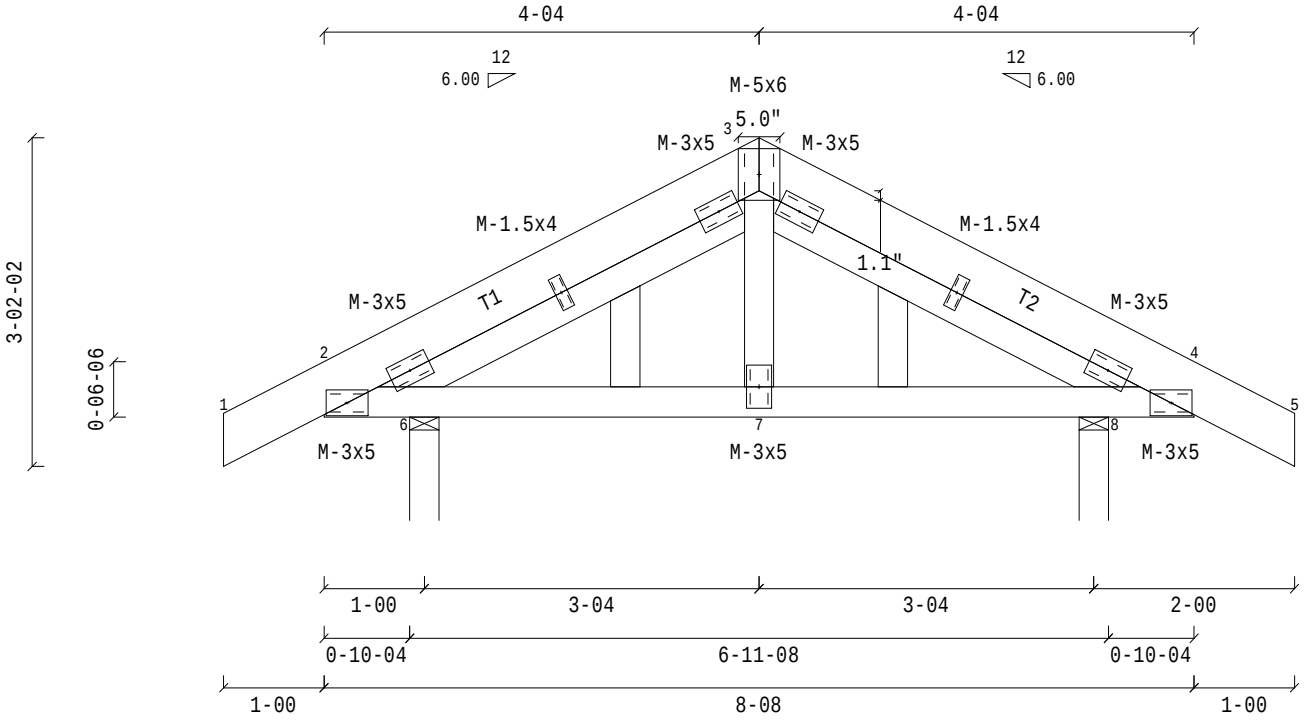
TRUSS SPAN 8'- 8.0"
LOAD DURATION INCREASE = 1.15 (Non-Rep)
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.



CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90
1-2=(0) 69 2-6=(-101) 247 7-3=(-373) 78
2-3=(-365) 110 6-7=(-88) 265
3-4=(-365) 110 7-8=(-88) 265
4-5=(0) 69 8-4=(-101) 247

BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 10.3"	-65/ 655V	-40/ 40H	3.50"	0.95	DF (625)
7'- 9.8"	-47/ 655V	0/ 0H	3.50"	0.95	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.028" @ 0'- 0.0" Allowed = 0.057"
MAX TL CREEP DEFL = -0.039" @ 0'- 0.0" Allowed = 0.085"
MAX LL DEFL = -0.062" @ 4'- 4.0" Allowed = 0.212"
MAX TL CREEP DEFL = -0.088" @ 4'- 4.0" Allowed = 0.319"
MAX LL DEFL = -0.028" @ 8'- 8.0" Allowed = 0.057"
MAX TL CREEP DEFL = -0.039" @ 8'- 8.0" Allowed = 0.085"
MAX LL DEFL = -0.001" @ 9'- 8.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ 9'- 8.0" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.002" @ 7'- 8.0"
MAX HORIZ. TL DEFL = 0.002" @ 7'- 8.0"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.21 BC:0.80 Web:0.27

Truss designed for 4x2 outlookers. 2x let-ins of equal or greater grade as structural top chord. Insure tight fit at each end of let-in. Outlookers must be cut with care and are permissible at inlet board areas only.

JOB NAME: SERVICES BLDG TRUSS - 1

Scale: 0.5072

Truss: 1

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378814
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 12.0"

Unbalanced live loads have been considered for this design.

TRUSS SPAN 8'- 8.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90
1-2=(0) 69 2-6=(-101) 247 7-3=(-373) 78
2-3=(-365) 110 6-7=(-88) 265
3-4=(-365) 110 7-8=(-88) 265
4-5=(0) 69 8-4=(-101) 247

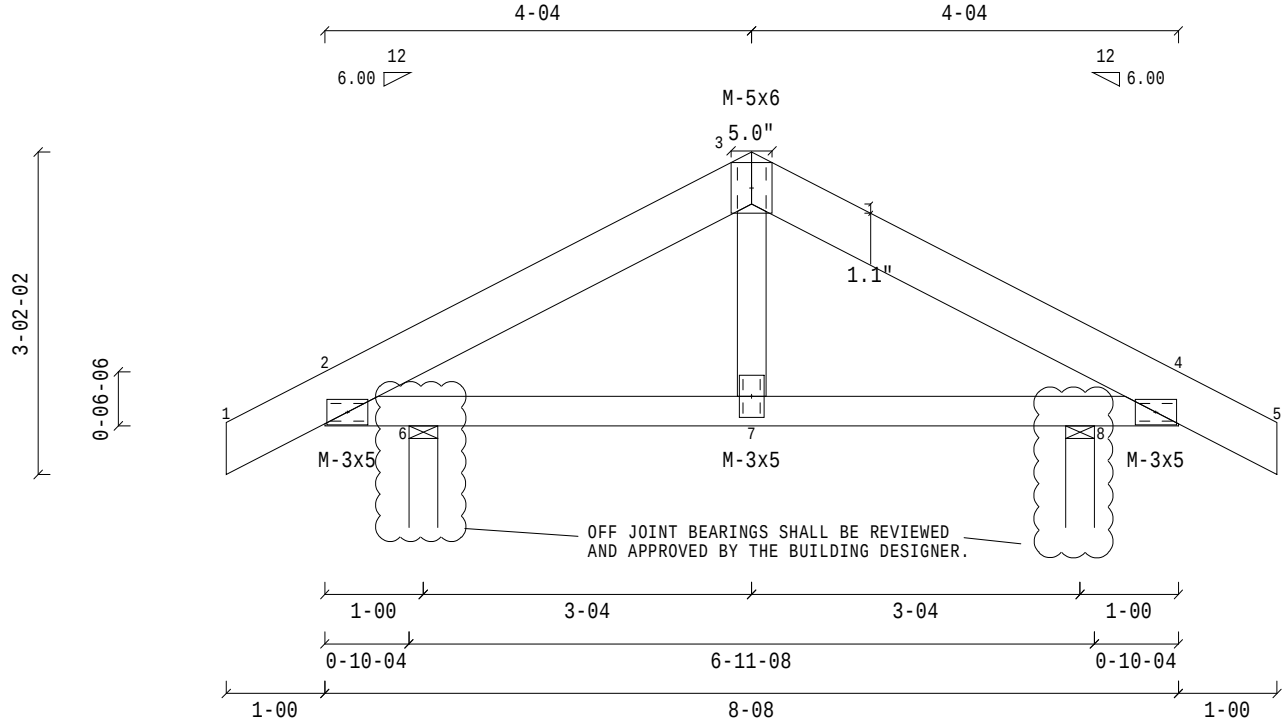
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 10.3"	-65/ 655V	-40/ 40H	3.50"	0.95	DF (625)
7'- 9.8"	-47/ 655V	0/ 0H	3.50"	0.95	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.028" @ 0'- 0.0" Allowed = 0.057"
MAX TL CREEP DEFL = -0.039" @ 0'- 0.0" Allowed = 0.085"
MAX LL DEFL = -0.062" @ 4'- 4.0" Allowed = 0.212"
MAX TL CREEP DEFL = -0.088" @ 4'- 4.0" Allowed = 0.319"
MAX LL DEFL = -0.028" @ 8'- 8.0" Allowed = 0.057"
MAX TL CREEP DEFL = -0.039" @ 8'- 8.0" Allowed = 0.085"
MAX LL DEFL = -0.001" @ 9'- 8.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ 9'- 8.0" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.002" @ 7'- 8.0"
MAX HORIZ. TL DEFL = 0.002" @ 7'- 8.0"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.18 BC:0.70 Web:0.27



JOB NAME: SERVICES BLDG TRUSS - 2

Scale: 0.4976

Truss: 2

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378815
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
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EXP. 09/30/2016
3/29/16
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STATE OF CALIFORNIA

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LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 12.0"

Staple or equal at non-structural vertical members (uon).

Unbalanced live loads have been considered for this design.

TRUSS SPAN 15'- 0.0"
LOAD DURATION INCREASE = 1.15 (Non-Rep)
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1-2=(0) 77	2-6=(0) 570	2-3=(-838) 21	
2-3=(-838) 21	6-4=(0) 570	6-3=(0) 268	
3-4=(-838) 21		3-4=(-838) 21	
4-5=(0) 77			

BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 10.3"	-51/ 1007V	-58/ 58H	3.50"	1.45	DF (625)
14'- 1.7"	-72/ 1006V	0/ 0H	3.50"	1.45	DF (625)

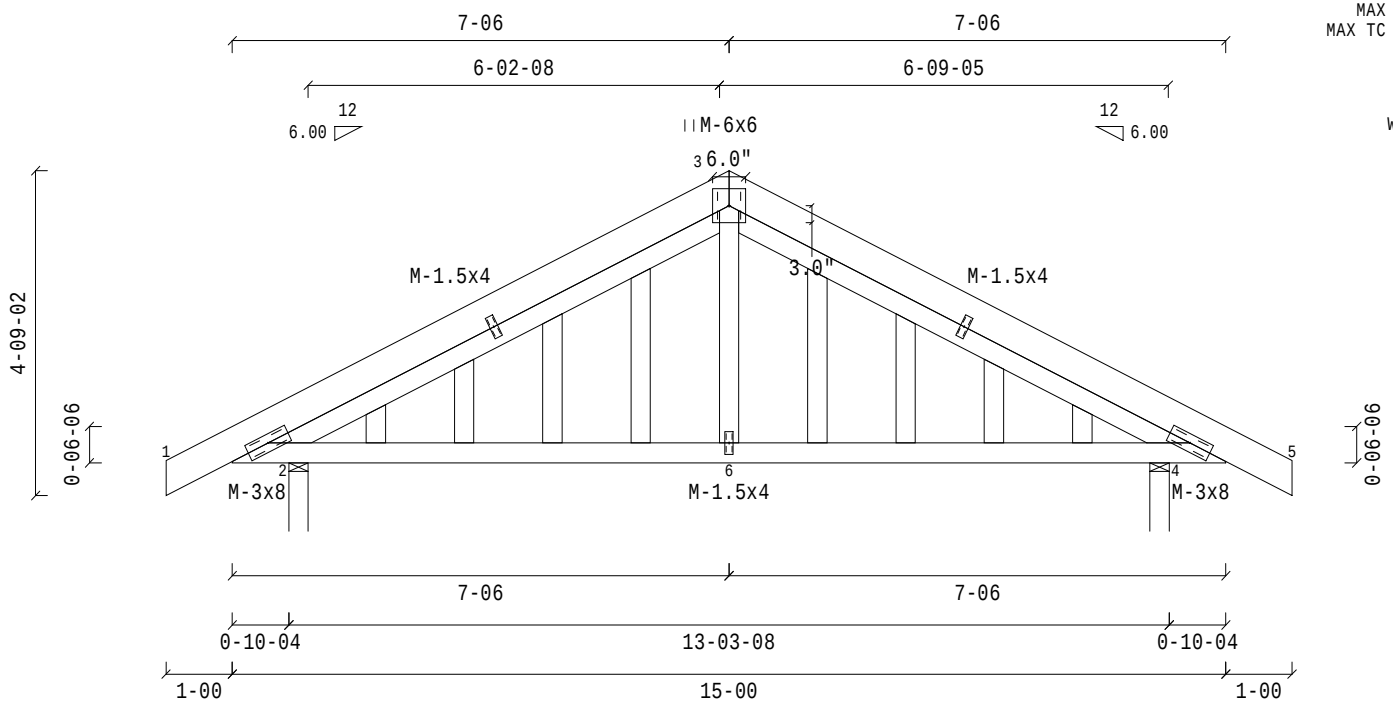
VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240

MAX LL DEFL = -0.001"	@ -1'- 0.0"	Allowed =	0.067"
MAX TL CREEP DEFL = -0.001"	@ -1'- 0.0"	Allowed =	0.100"
MAX LL DEFL = -0.031"	@ 0'- 0.0"	Allowed =	0.057"
MAX TL CREEP DEFL = -0.031"	@ 0'- 0.0"	Allowed =	0.085"
MAX TL CREEP DEFL = -0.016"	@ 7'- 6.0"	Allowed =	0.635"
MAX LL DEFL = -0.031"	@ 15'- 0.0"	Allowed =	0.057"
MAX TL CREEP DEFL = -0.031"	@ 15'- 0.0"	Allowed =	0.085"
MAX LL DEFL = -0.001"	@ 16'- 0.0"	Allowed =	0.067"
MAX TL CREEP DEFL = -0.001"	@ 16'- 0.0"	Allowed =	0.100"
MAX TC PANEL LL DEFL = 0.012"	@ 3'- 9.9"	Allowed =	0.477"

MAX HORIZ. LL DEFL = 0.006" @ 13'- 10.3"
MAX HORIZ. TL DEFL = 0.009" @ 13'- 10.3"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6,
Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.54 BC:0.35 Web:0.24



JOB NAME: SERVICES BLDG TRUSS - 3

Scale: 0.3346

Truss: 3

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378816
TRANS ID: 435039

WARNINGS:

1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

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STATE OF CALIFORNIA

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LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

LETINS: 1-11-00 1-11-00

OVERHANGS: 12.0" 12.0"

Unbalanced live loads have been considered for this design.

TRUSS SPAN 15'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0) 77	2- 8=(0) 572	2- 3=(-885) 23
2- 3=(-885) 23	8- 6=(0) 572	8- 4=(0) 266
3- 4=(-770) 28		5- 6=(-885) 23
4- 5=(-770) 28		
5- 6=(-885) 23		
6- 7=(0) 77		

BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 10.3"	-53/ 1007V	-59/ 59H	3.50"	1.45	DF (625)
14'- 1.7"	-74/ 1006V	0/ 0H	3.50"	1.45	DF (625)

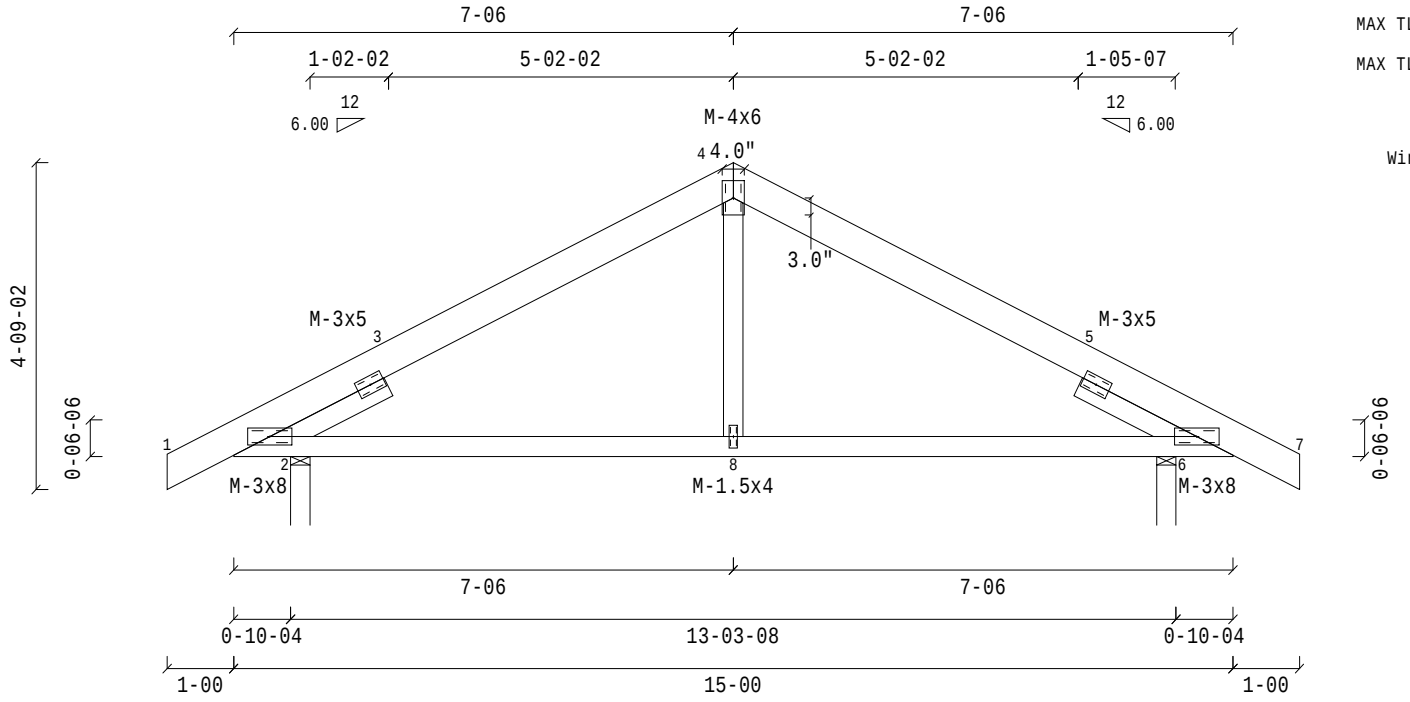
VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240

MAX LL DEFL = -0.001"	@ -1'- 0.0"	Allowed =	0.067"
MAX TL CREEP DEFL = -0.001"	@ -1'- 0.0"	Allowed =	0.100"
MAX LL DEFL = -0.029"	@ 0'- 0.0"	Allowed =	0.057"
MAX TL CREEP DEFL = -0.039"	@ 0'- 0.0"	Allowed =	0.085"
MAX LL DEFL = -0.023"	@ 7'- 6.0"	Allowed =	0.424"
MAX TL CREEP DEFL = -0.042"	@ 7'- 6.0"	Allowed =	0.635"
MAX LL DEFL = -0.029"	@ 15'- 0.0"	Allowed =	0.057"
MAX TL CREEP DEFL = -0.039"	@ 15'- 0.0"	Allowed =	0.085"
MAX LL DEFL = -0.001"	@ 16'- 0.0"	Allowed =	0.067"
MAX TL CREEP DEFL = -0.001"	@ 16'- 0.0"	Allowed =	0.100"

MAX HORIZ. LL DEFL = 0.006" @ 13'- 10.3"
MAX HORIZ. TL DEFL = 0.009" @ 13'- 10.3"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6,
Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.36 BC:0.30 Web:0.12



JOB NAME: SERVICES BLDG TRUSS - 4

Scale: 0.3366

Truss: 4

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378817
TRANS ID: 435039

WARNINGS:

1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/24/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

LETINS: 1-11-00 1-11-00

Unbalanced live loads have been considered for this design.

TRUSS SPAN 15'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90
1-2=(-897) 34 1-6=(0) 595 1-2=(-897) 34
2-3=(-789) 43 6-5=(0) 595 6-3=(0) 266
3-4=(-789) 43 4-5=(-897) 34
4-5=(-897) 34

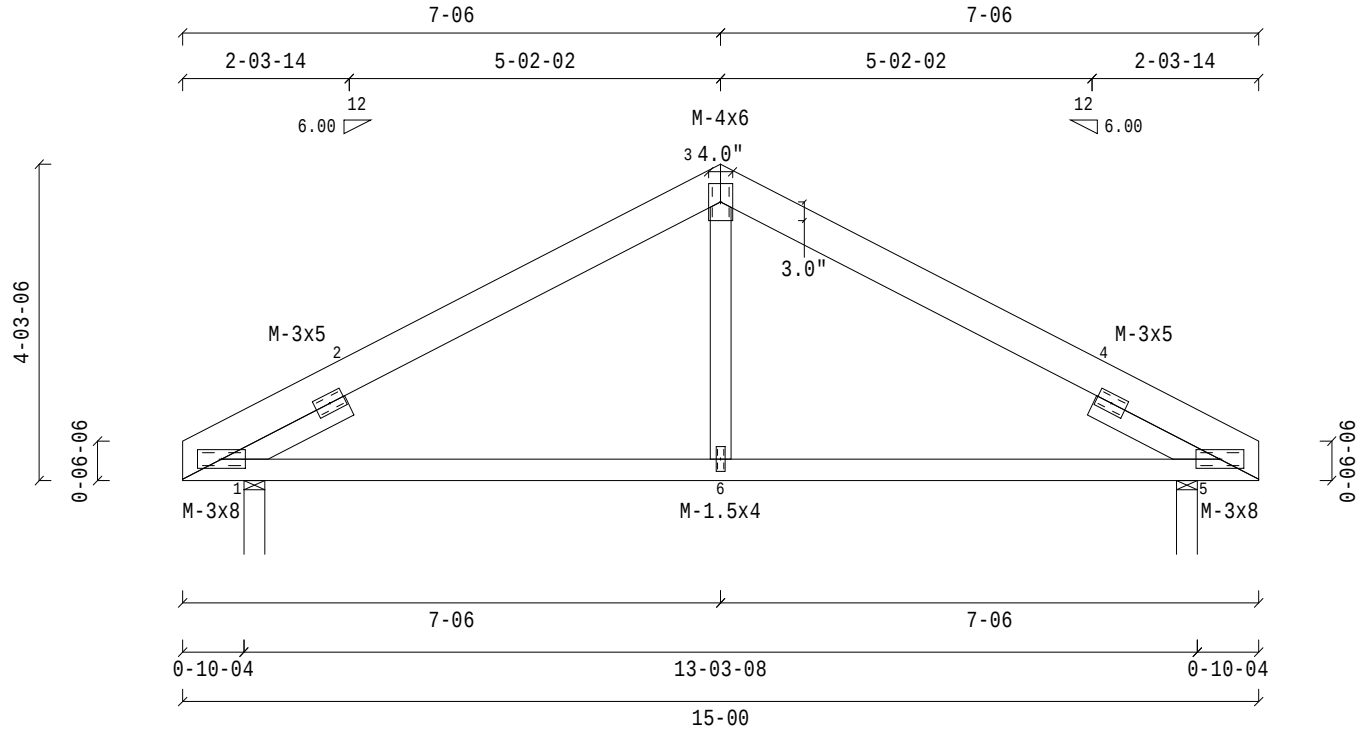
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 10.3"	-26/ 833V	-51/ 51H	3.50"	1.20	DF (625)
14'- 1.7"	-47/ 832V	0/ 0H	3.50"	1.20	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = 0.000" @ 0'- 0.0" Allowed = 0.057"
MAX TL CREEP DEFL = 0.000" @ 0'- 0.0" Allowed = 0.085"
MAX LL DEFL = -0.034" @ 2'- 1.9" Allowed = 0.424"
MAX TL CREEP DEFL = -0.034" @ 2'- 1.9" Allowed = 0.635"
MAX LL DEFL = 0.000" @ 0'- 0.0" Allowed = 0.057"
MAX TL CREEP DEFL = 0.000" @ 0'- 0.0" Allowed = 0.085"

MAX HORIZ. LL DEFL = 0.006" @ 13'- 10.3"
MAX HORIZ. TL DEFL = 0.010" @ 13'- 10.3"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.38 BC:0.30 Web:0.12



JOB NAME: SERVICES BLDG TRUSS - 5

Scale: 0.3624

Truss: 5

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378818
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x6 DF #2
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 12.0"

M-3x5 where shown; Jts:5,7-8,14,17,19

(3) complete trusses required.
Attach 3 ply with 3"x.131 DIA GUN nails staggered:
9" oc in 2 row(s) throughout 2x6 top chords,
9" oc in 2 row(s) throughout 2x6 bottom chords,
9" oc in 1 row(s) throughout 2x4 webs.

40-00-00 HIP EB SETBACK 6-00-00 FROM END WALL
LOAD DURATION INCREASE = 1.15 (Non-Rep)

LOADING
Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

TC UNIF LL(38.5)+DL(10.0)= 48.5 PSF 0'- 0.0" TO 40'- 0.0" V
BC UNIF LL(0.0)+DL(7.0)= 7.0 PSF 0'- 0.0" TO 40'- 0.0" V
BC UNIF LL(0.0)+DL(14.0)= 14.0 PLF 0'- 0.0" TO 6'- 0.0" V
BC UNIF LL(77.0)+DL(34.0)= 111.0 PLF 6'- 0.0" TO 34'- 0.0" V
BC UNIF LL(0.0)+DL(14.0)= 14.0 PLF 34'- 0.0" TO 40'- 0.0" V

TC CONC LL(385.0)+DL(100.0)= 485.0 LBS @ 6'- 0.0"
TC CONC LL(385.0)+DL(100.0)= 485.0 LBS @ 34'- 0.0"

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0) 75	2-13=(-267) 8025	13- 3=(-57) 3456	19- 9=(-75) 2514
2- 3=(-9132) 381	13-14=(-429) 11937	13- 4=(-5004) 213	9-20=(-5004) 213
3- 4=(-8028) 357	14-15=(-528) 14691	4-14=(-75) 2517	20-10=(-57) 3456
4- 5=(-12183) 528	15-16=(-582) 16053	14- 5=(-3210) 126	
5- 6=(-14793) 621	16-17=(-582) 16056	5-15=(-24) 1440	
6- 7=(-16071) 672	17-18=(-582) 16020	15- 6=(-1581) 72	
7- 8=(-14790) 621	18-19=(-528) 14688	6-16=(0) 498	
8- 9=(-12183) 528	19-20=(-429) 11937	6-17=(-45) 90	
9-10=(-8028) 357	20-11=(-264) 8025	17- 7=(0) 552	
10-11=(-9132) 381		7-18=(-1560) 72	
11-12=(0) 75		18- 8=(-24) 1449	
		8-19=(-3204) 126	

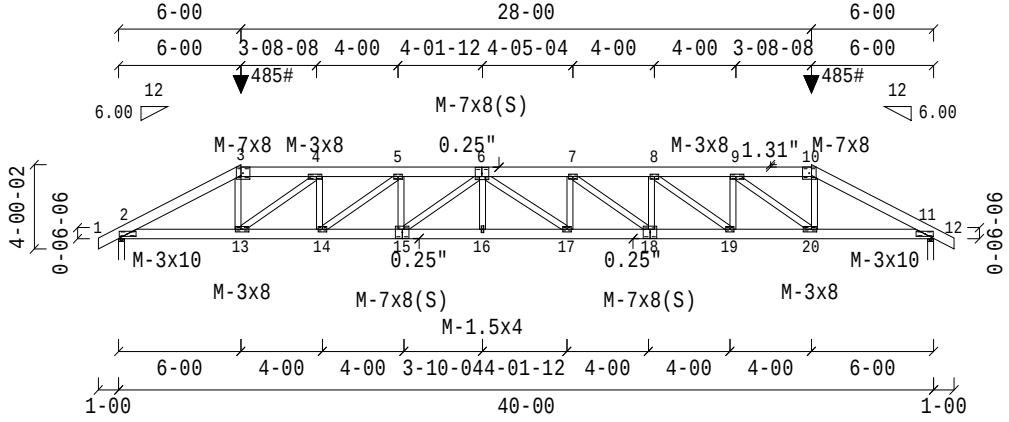
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-199/ 4517V	-66/ 66H	3.50"	7.23	DF (625)
40'- 0.0"	-199/ 4517V	0/ 0H	3.50"	7.23	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.000" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.000" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.457" @ 22'- 0.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.721" @ 22'- 0.0" Allowed = 1.971"
MAX LL DEFL = -0.000" @ 41'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.000" @ 41'- 0.0" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.109" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.151" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.27 BC:0.87 Web:0.67



JOB NAME: SERVICES BLDG TRUSS - 6

Scale: 0.1029

Truss: 6

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378819
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
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EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x6 DF #2
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

JT 2, 11: Heel to plate corner = 0.75"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0) 77	2-12=(-137) 3781	3-12=(-450) 92	9-17=(-49) 1465
2- 3=(-4354) 204	12-13=(-172) 5885	12- 4=(-44) 1459	17-10=(-493) 82
3- 4=(-4278) 199	13-14=(-191) 6453	12- 5=(-2523) 116	
4- 5=(-3795) 184	14-15=(-191) 6454	5-13=(0) 587	
5- 6=(-5916) 270	15-16=(-192) 6443	13- 6=(-761) 38	
6- 7=(-6448) 288	16-17=(-175) 5887	6-14=(0) 132	
7- 8=(-5918) 272	17-11=(-147) 3795	6-15=(-107) 110	
8- 9=(-3801) 188		15- 7=(-18) 137	
9-10=(-4286) 205		7-16=(-756) 38	
10-11=(-4366) 212		16- 8=(0) 592	
		8-17=(-2518) 115	

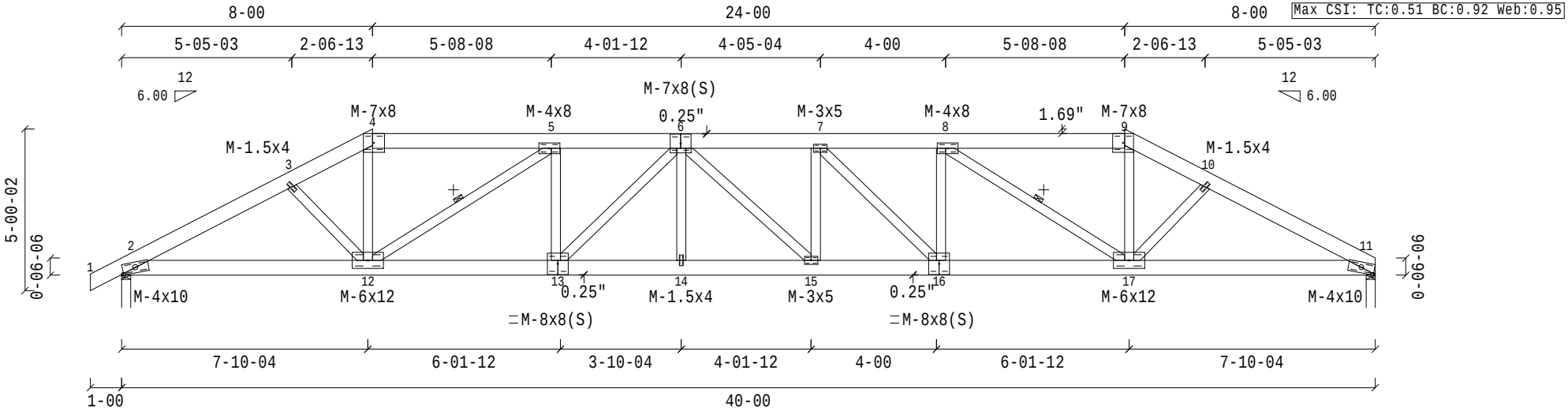
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-128/ 2398V	-78/ 82H	3.50"	3.84	DF (625)
40'- 0.0"	-100/ 2225V	0/ 0H	3.50"	3.56	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.471" @ 22'- 0.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.721" @ 22'- 0.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.139" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.188" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.51 BC:0.92 Web:0.95



JOB NAME: SERVICES BLDG TRUSS - 7

Scale: 0.2007

Truss: 7

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378820
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/24/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0)	77	2-12=(-139)	3466	3-12=(-552)	92
2- 3=(-4069)	207	12-13=(-75)	3431	12- 4=(-4)	547
3- 4=(-3898)	208	13-14=(-137)	4943	4-13=(-65)	1697
4- 5=(-4474)	232	14-15=(-124)	4944	5-13=(-651)	60
5- 6=(-4460)	231	15-16=(-78)	3433	13- 6=(-765)	64
6- 7=(-4949)	246	16-11=(-146)	3471	6-14=(-119)	181
7- 8=(-4451)	237			14- 7=(-46)	188
8- 9=(-4464)	238			7-15=(-817)	35
9-10=(-3908)	212			15- 8=(-624)	57
10-11=(-4074)	212			15- 9=(-71)	1678
				9-16=(-2)	585

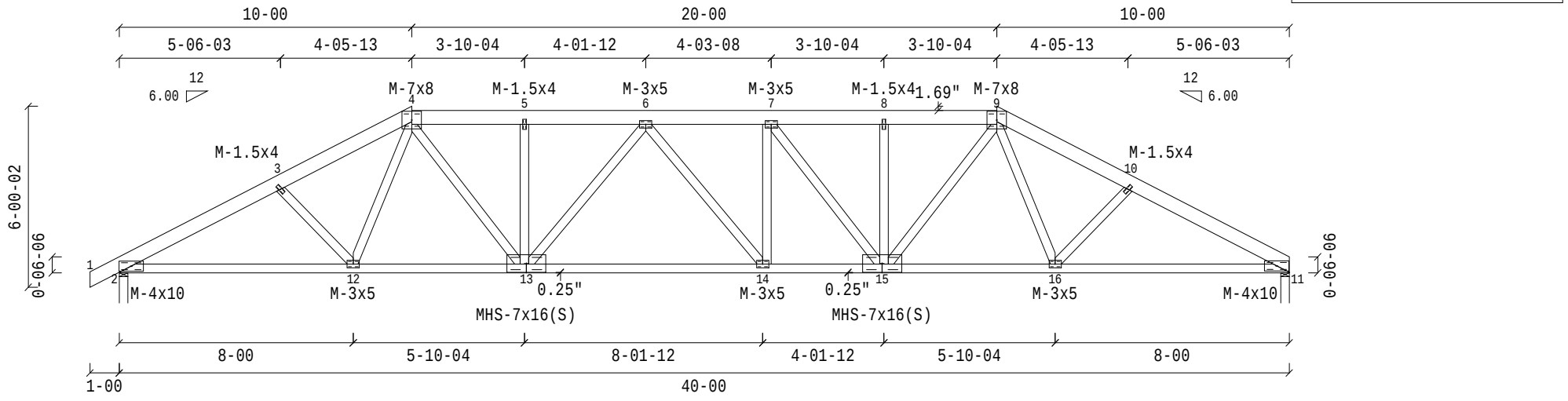
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-129/ 2398V	-98/ 102H	3.50"	3.84	DF (625)
40'- 0.0"	-101/ 2220V	0/ 0H	3.50"	3.55	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.350" @ 18'- 0.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.547" @ 18'- 0.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.141" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.196" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.40 BC:0.73 Web:0.75



JOB NAME: SERVICES BLDG TRUSS 8

Scale: 0.1882

Truss: 8

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378821
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

M-3x5 where shown; Jts:3,5-6,8,10,12,14

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1-	2=(0) 77	2-10=(-149) 3748	3-10=(-721) 117	14-	8=(-729) 123
2-	3=(-4406) 216	10-11=(-55) 3265	10- 4=(-26) 791		
3-	4=(-4007) 221	11-12=(-95) 4156	4-11=(-18) 1088		
4-	5=(-3597) 206	12-13=(-83) 4159	11- 5=(-1002) 90		
5-	6=(-4168) 231	13-14=(-60) 3232	5-12=(-155) 252		
6-	7=(-3556) 212	14- 9=(-156) 3763	12- 6=(0) 344		
7-	8=(-4031) 225		6-13=(-1138) 61		
8-	9=(-4414) 221		13- 7=(-25) 1062		
			7-14=(-24) 838		

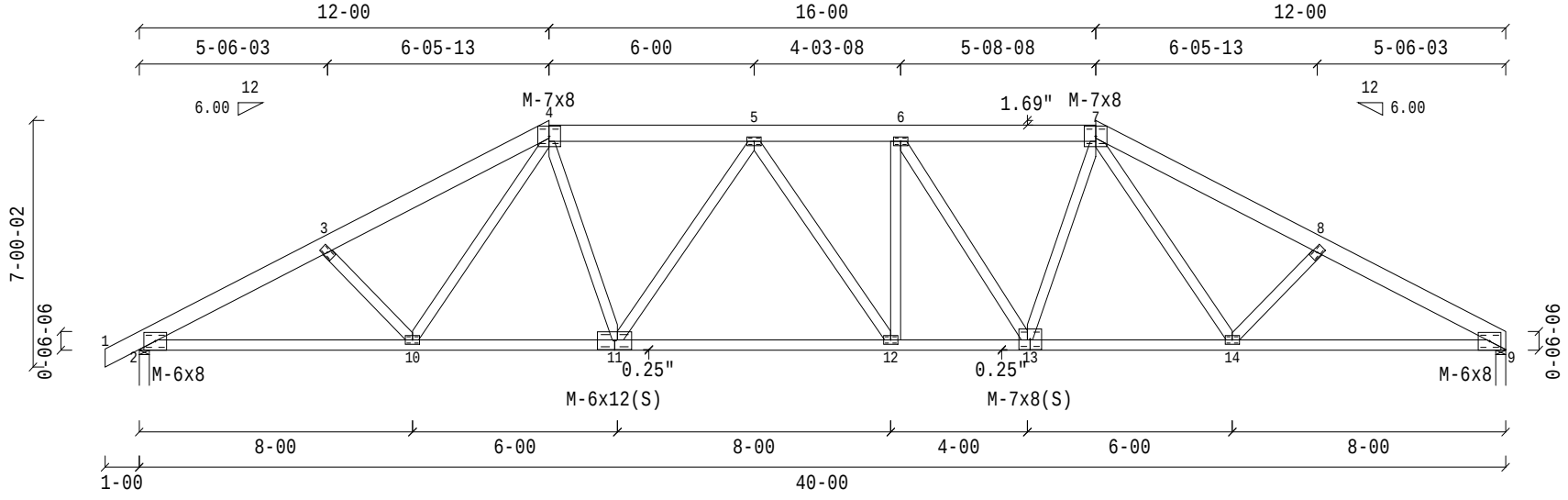
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-129/ 2528V	-117/ 121H	3.50"	4.04	DF (625)
40'- 0.0"	-101/ 2416V	0/ 0H	3.50"	3.87	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.264" @ 18'- 0.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.456" @ 18'- 0.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.120" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.180" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.73 BC:0.84 Web:1.00



JOB NAME: SERVICES BLDG TRUSS - 9

Scale: 0.1882

Truss: 9

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378822
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/24/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0)	77	2-10=(-110)	3906	10- 3=(0)	253
2- 3=(-4601)	193	10-11=(-111)	3904	3-11=(-1135)	96
3- 4=(-3570)	211	11-12=(-56)	3278	11- 4=(-41)	1136
4- 5=(-3004)	205	12-13=(-47)	3318	11- 5=(-826)	77
5- 6=(-3324)	220	13-14=(-114)	3905	5-12=(-209)	312
6- 7=(-2980)	210	14- 9=(-114)	3907	12- 6=(-37)	415
7- 8=(-3520)	217			6-13=(-972)	51
8- 9=(-4596)	196			7-13=(-46)	1144
				13- 8=(-1206)	95

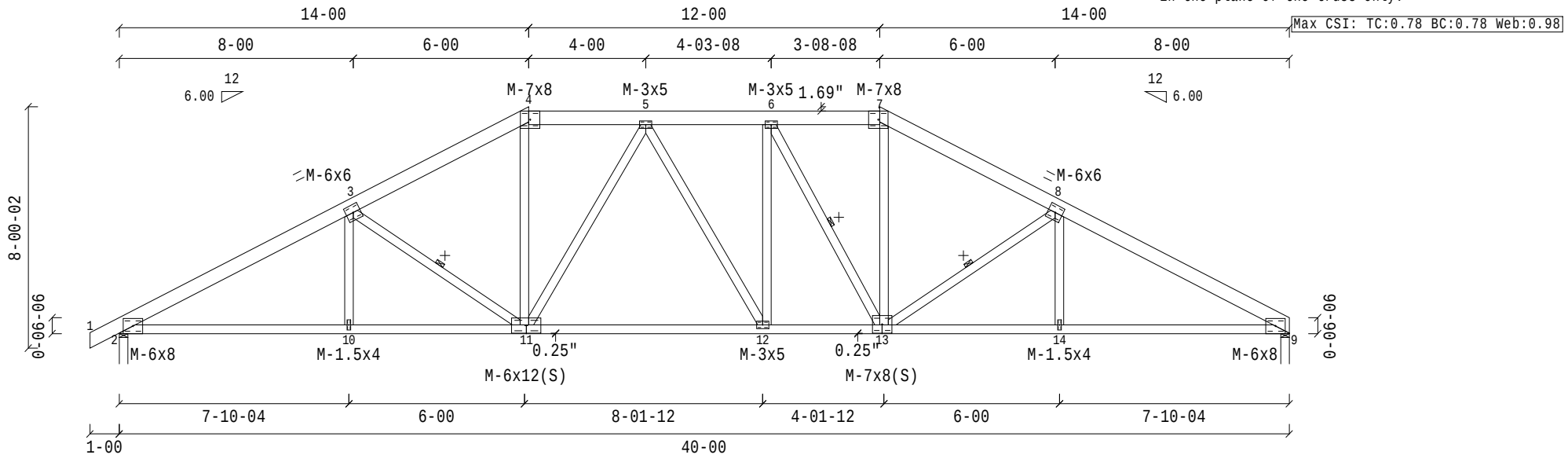
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-129/ 2654V	-137/ 141H	3.50"	4.25	DF (625)
40'- 0.0"	-101/ 2539V	0/ 0H	3.50"	4.06	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.240" @ 18'- 0.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.418" @ 18'- 0.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.124" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.184" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.78 BC:0.78 Web:0.98



JOB NAME: SERVICES BLDG TRUSS - 10

Scale: 0.1882

Truss: 10

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378823
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2;
2x6 DF SS T2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0) 77	2-10=(-108) 4220	10- 3=(0) 268	8-14=(0) 268
2- 3=(-4945) 191	10-11=(-108) 4218	3-11=(-1014) 88	
3- 4=(-3995) 213	11-12=(-15) 3060	4-11=(-487) 67	
4- 5=(-3834) 254	12-13=(-16) 3063	11- 5=(-73) 1276	
5- 6=(-3123) 203	13-14=(-114) 4237	5-12=(-173) 458	
6- 7=(-3836) 254	14- 9=(-113) 4238	12- 6=(-181) 450	
7- 8=(-4001) 214		6-13=(-74) 1288	
8- 9=(-4959) 195		13- 7=(-479) 65	
		13- 8=(-1049) 93	

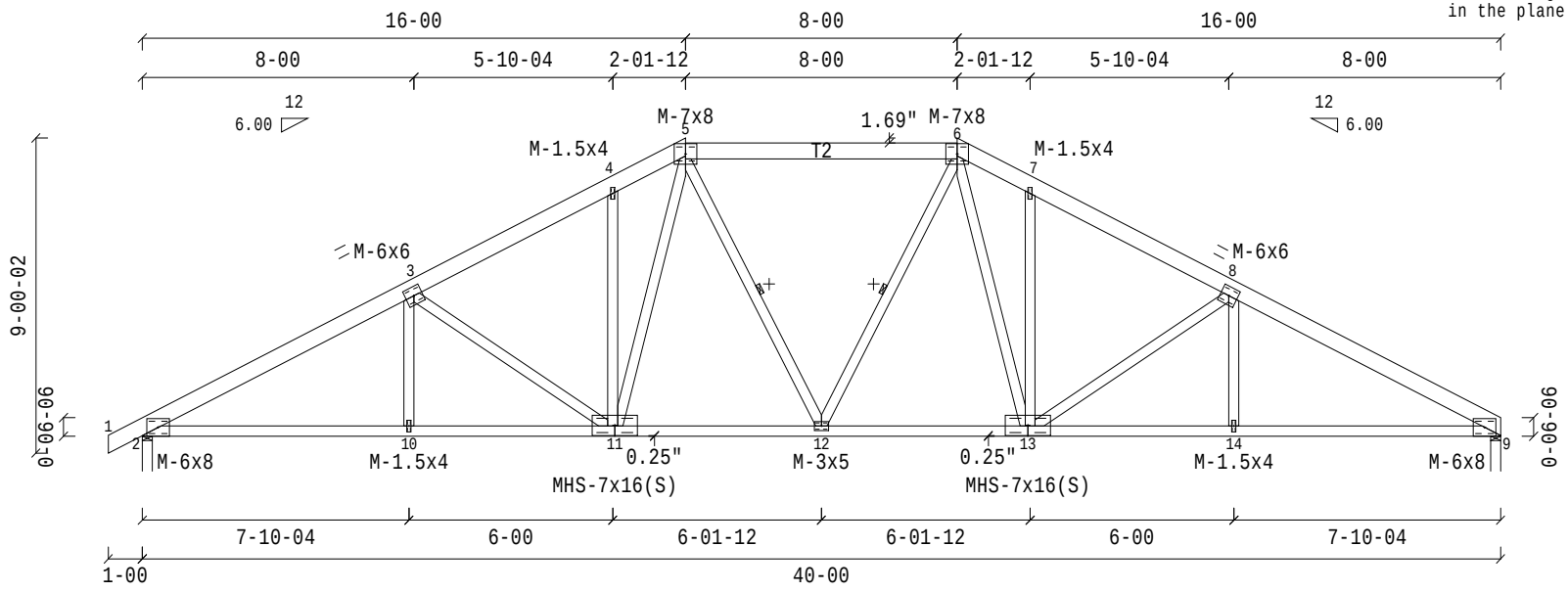
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-129/ 2793V	-156/ 160H	3.50"	4.47	DF (625)
40'- 0.0"	-101/ 2691V	0/ 0H	3.50"	4.31	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.255" @ 26'- 3.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.410" @ 26'- 3.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.137" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.194" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.81 BC:0.72 Web:0.94



JOB NAME: SERVICES BLDG TRUSS - 11

Scale: 0.1753

Truss: 11

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378824
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
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EXP. 09/30/2016
3/29/16
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STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

Unbalanced live loads have been considered for this design.

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0)	77	2-10=(-109)	4356	3-10=(0)	275
2- 3=(-5093)	192	10-11=(-108)	4360	3-11=(-909)	83
3- 4=(-4224)	214	11-12=(-38)	3599	4-11=(-9)	610
4- 5=(-3556)	230	12-13=(0)	3035	4-12=(-1302)	88
5- 6=(-3035)	220	13-14=(-38)	3602	12- 5=(-43)	1207
6- 7=(-3557)	230	14-15=(-113)	4379	6-13=(-44)	1202
7- 8=(-4230)	216	15- 9=(-115)	4375	13- 7=(-1297)	90
8- 9=(-5108)	196			14- 7=(-12)	622
				14- 8=(-928)	89

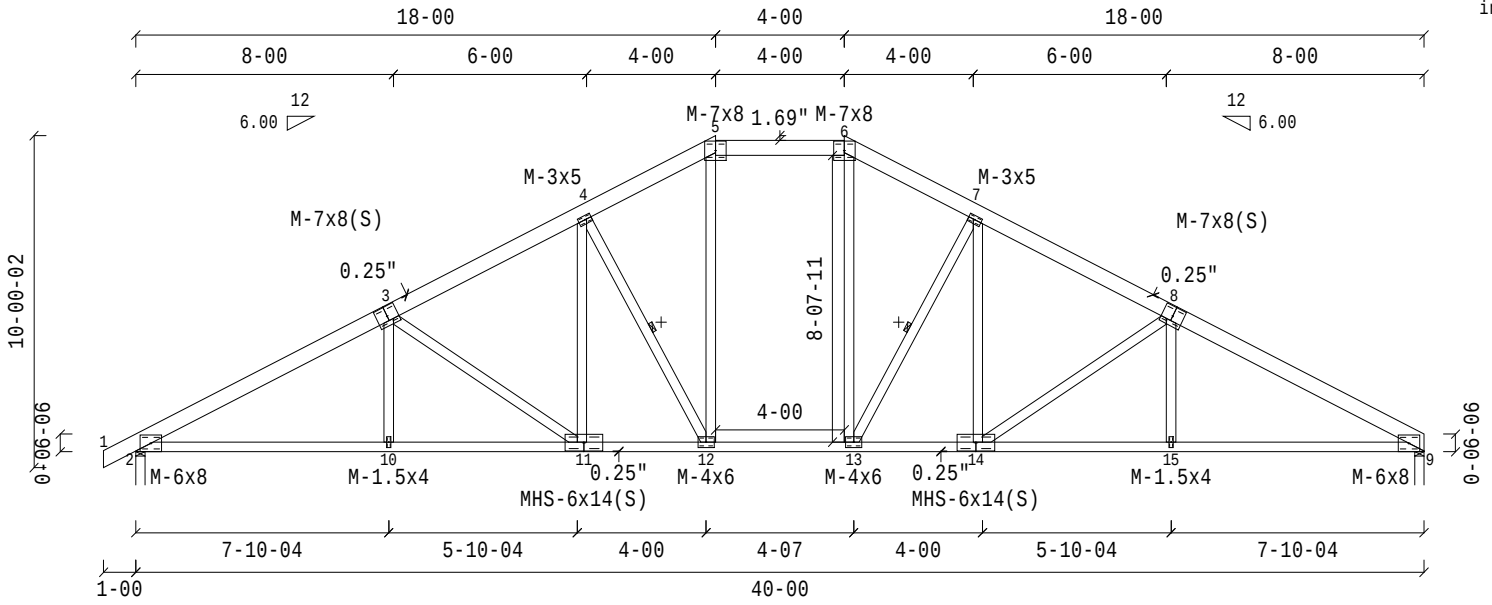
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-129/ 2851V	-175/ 179H	3.50"	4.56	DF (625)
40'- 0.0"	-101/ 2749V	0/ 0H	3.50"	4.40	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.299" @ 22'- 3.5" Allowed = 1.314"
MAX TL CREEP DEFL = -0.460" @ 22'- 3.5" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.146" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.203" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.77 BC:0.73 Web:0.99



JOB NAME: SERVICES BLDG TRUSS - 12

Scale: 0.1627

Truss: 12

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378825
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
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EXP. 09/30/2016
3/29/16
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STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0) 77	2- 9=(-109) 3633	3- 9=(0) 269	13- 7=(0) 268
2- 3=(-4278) 192	9-10=(-108) 3636	3-10=(-735) 78	
3- 4=(-3517) 216	10-11=(-42) 3033	4-10=(0) 590	
4- 5=(-2649) 222	11-12=(-43) 3064	4-11=(-1334) 113	
5- 6=(-2672) 222	12-13=(-113) 3683	11- 5=(-119) 1682	
6- 7=(-3555) 218	13- 8=(-114) 3680	11- 6=(-1355) 115	
7- 8=(-4324) 196		12- 6=(0) 599	
		12- 7=(-740) 83	

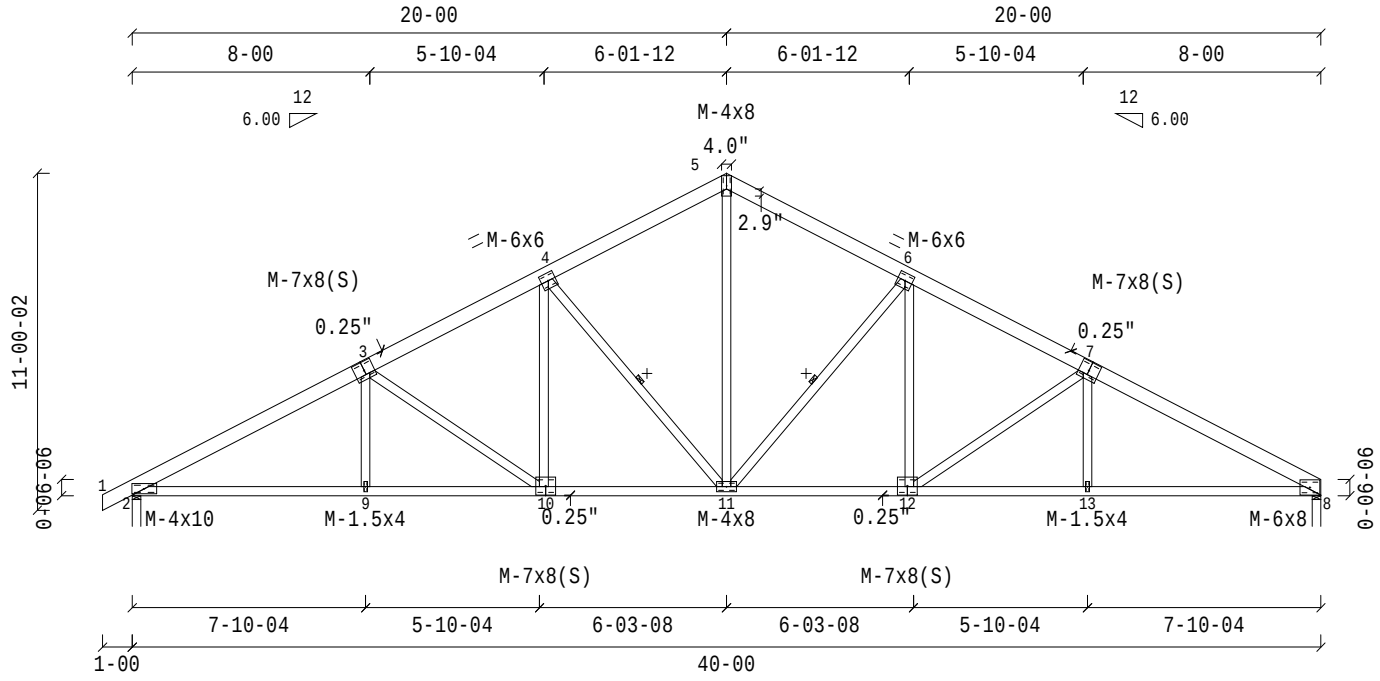
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-129/ 2475V	-195/ 199H	3.50"	3.96	DF (625)
40'- 0.0"	-101/ 2389V	0/ 0H	3.50"	3.82	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.218" @ 26'- 1.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.383" @ 26'- 1.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.112" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.161" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.79 BC:0.64 Web:0.74



JOB NAME: SERVICES BLDG TRUSS - 13

Scale: 0.1501

Truss: 13

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378826
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

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This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x8 DF #2
WEBS: 2x4 DF STAND;
2x4 DF #1&BTR A

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

(2) complete trusses required.
Attach 2 ply with 3"x.131 DIA GUN
nails staggered:
9" oc in 2 row(s) throughout 2x6 top chords,
8" oc in 2 row(s) throughout 2x8 bottom chords,
9" oc in 1 row(s) throughout 2x4 webs.

*** HANGER TO APPLY CONC.
LOAD(S) EQUALLY TO ALL MEMBERS.

13-11-00 GIRDER SUPPORTING 23-08-08 FROM 7-00-00 TO 13-00-00
LOAD DURATION INCREASE = 1.15 (Non-Rep)

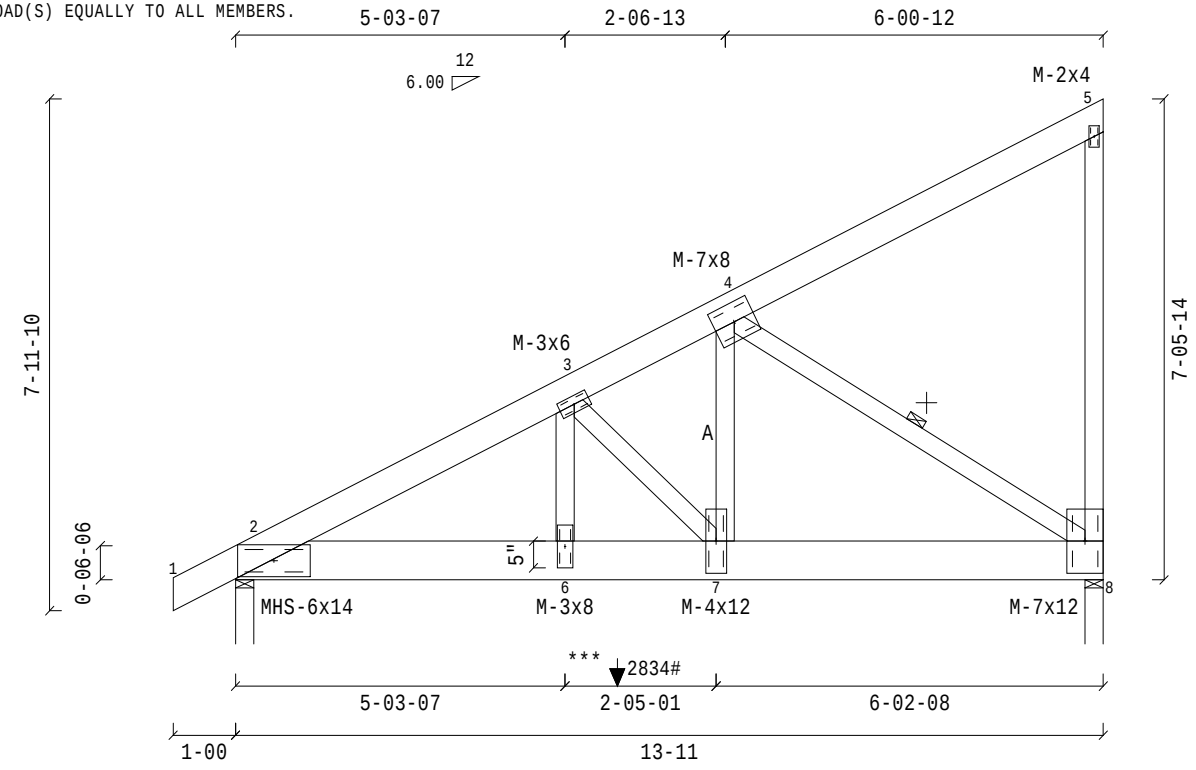
LOADING
Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

TC UNIF LL(38.5)+DL(10.0)= 48.5 PSF 0'- 0.0" TO 13'- 11.0" V
BC UNIF LL(0.0)+DL(7.0)= 7.0 PSF 0'- 0.0" TO 13'- 11.0" V
BC UNIF LL(417.9)+DL(184.5)= 602.4 PLF 7'- 0.0" TO 13'- 0.0" V

ADDL: BC CONC LL+DL= 2834.0 LBS @ 6'- 1.5"

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL
REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP
AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.



CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90
1-2=(0) 76 2-6=(-256) 5718 6-3=(-18) 1752
2-3=(-6574) 246 6-7=(-256) 5698 3-7=(-1506) 68
3-4=(-5434) 234 7-8=(-214) 4608 7-4=(-160) 5050
4-5=(-186) 120 4-8=(-5588) 264
8-5=(-268) 52

BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-155/ 3534V	-87/ 223H	3.50"	5.65	DF (625)
13'- 11.0"	-190/ 4643V	0/ 0H	3.50"	7.43	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.000" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.000" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.033" @ 7'- 8.5" Allowed = 0.444"
MAX TL CREEP DEFL = -0.113" @ 7'- 8.5" Allowed = 0.667"

MAX HORIZ. LL DEFL = 0.009" @ 13'- 7.5"
MAX HORIZ. TL DEFL = 0.024" @ 13'- 7.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
End vertical(s) are exposed to wind,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.25 BC:0.98 Web:0.67

+ LATERALLY BRACE TO ROOF DIAPHRAGM
+ 2X4 WEB BRACE REQUIRED.

JOB NAME: SERVICES BLDG TRUSS - 14

Scale: 0.3150

Truss: 14

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378827
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x6 DF #2
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

M-3x5 where shown; Jts:5,7-8,13,16,18

(3) complete trusses required.
Attach 3 ply with 3"x.131 DIA GUN nails staggered:
9" oc in 2 row(s) throughout 2x6 top chords,
9" oc in 2 row(s) throughout 2x6 bottom chords,
9" oc in 1 row(s) throughout 2x4 webs.

40-00-00 HIP EB SETBACK 6-00-00 FROM END WALL
LOAD DURATION INCREASE = 1.15 (Non-Rep)

LOADING
Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

TC UNIF LL(38.5)+DL(10.0)= 48.5 PSF 0'- 0.0" TO 40'- 0.0" V
BC UNIF LL(0.0)+DL(7.0)= 7.0 PSF 0'- 0.0" TO 40'- 0.0" V
BC UNIF LL(0.0)+DL(14.0)= 14.0 PLF 0'- 0.0" TO 6'- 0.0" V
BC UNIF LL(77.0)+DL(34.0)= 111.0 PLF 6'- 0.0" TO 34'- 0.0" V
BC UNIF LL(0.0)+DL(14.0)= 14.0 PLF 34'- 0.0" TO 40'- 0.0" V

TC CONC LL(385.0)+DL(100.0)= 485.0 LBS @ 6'- 0.0"
TC CONC LL(385.0)+DL(100.0)= 485.0 LBS @ 34'- 0.0"

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0) 75	2-12=(-285) 8028	12- 3=(-57) 3456	8-18=(-3204) 123
2- 3=(-9132) 381	12-13=(-450) 11940	12- 4=(-5004) 213	18- 9=(-72) 2514
3- 4=(-8031) 360	13-14=(-549) 14694	4-13=(-75) 2517	9-19=(-5004) 210
4- 5=(-12186) 528	14-15=(-606) 16059	13- 5=(-3210) 126	19-10=(-57) 3456
5- 6=(-14796) 624	15-16=(-606) 16062	5-14=(-24) 1440	
6- 7=(-16077) 678	16-17=(-606) 16026	14- 6=(-1581) 72	
7- 8=(-14799) 627	17-18=(-552) 14697	6-15=(0) 498	
8- 9=(-12192) 534	18-19=(-453) 11946	6-16=(-42) 96	
9-10=(-8040) 366	19-11=(-291) 8037	16- 7=(0) 549	
10-11=(-9141) 387		7-17=(-1557) 72	
		17- 8=(-24) 1449	

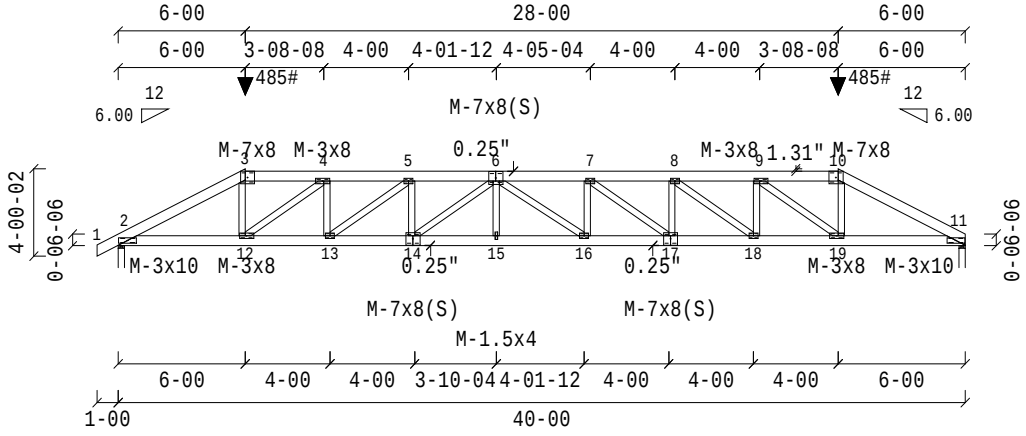
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-200/ 4521V	-59/ 63H	3.50"	7.23	DF (625)
40'- 0.0"	-172/ 4456V	0/ 0H	3.50"	7.13	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.000" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.000" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.457" @ 22'- 0.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.721" @ 22'- 0.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.109" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.151" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.28 BC:0.88 Web:0.67



JOB NAME: SERVICES BLDG TRUSS - 16

Scale: 0.1070

Truss: 16

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378828
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x6 DF #2
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

JT 2, 11: Heel to plate corner = 0.75"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0)	77	2-12=(-137)	3781	3-12=(-450)	92
2- 3=(-4354)	204	12-13=(-172)	5885	12- 4=(-44)	1459
3- 4=(-4278)	199	13-14=(-191)	6453	12- 5=(-2523)	116
4- 5=(-3795)	184	14-15=(-191)	6454	5-13=(0)	587
5- 6=(-5916)	270	15-16=(-192)	6443	13- 6=(-761)	38
6- 7=(-6448)	288	16-17=(-175)	5887	6-14=(0)	132
7- 8=(-5918)	272	17-11=(-147)	3795	6-15=(-107)	110
8- 9=(-3801)	188			15- 7=(-18)	137
9-10=(-4286)	205			7-16=(-756)	38
10-11=(-4366)	212			16- 8=(0)	592
				8-17=(-2518)	115

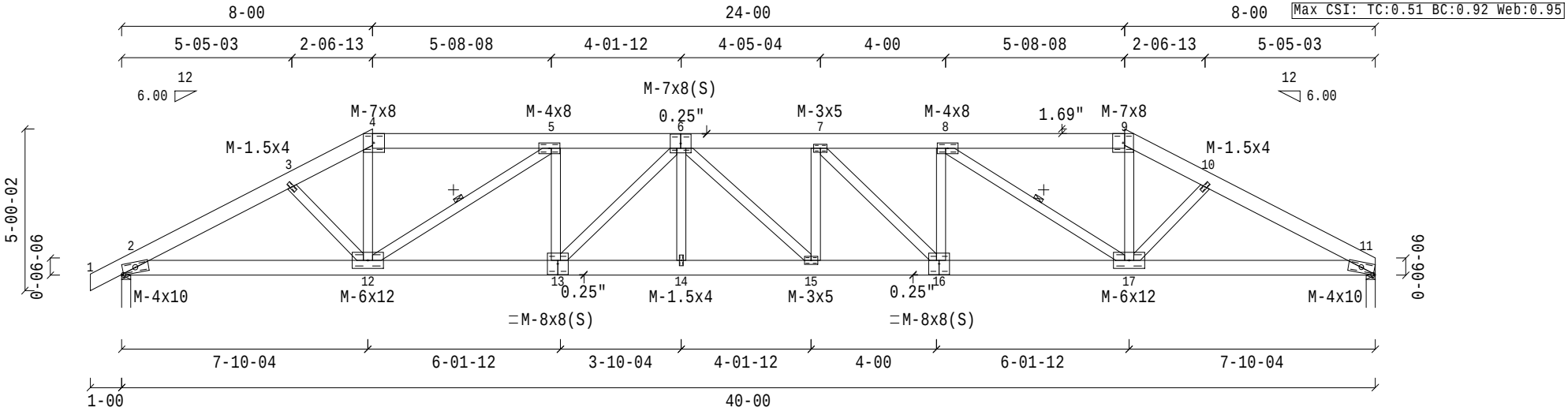
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-128/ 2398V	-78/ 82H	3.50"	3.84	DF (625)
40'- 0.0"	-100/ 2225V	0/ 0H	3.50"	3.56	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.471" @ 22'- 0.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.721" @ 22'- 0.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.139" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.188" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.51 BC:0.92 Web:0.95



JOB NAME: SERVICES BLDG TRUSS - 17

Scale: 0.2007

Truss: 17

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378829
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

JT 2, 11: Heel to plate corner = 0.75"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0)	77	2-12=(-139)	3466	3-12=(-552)	92
2- 3=(-4069)	207	12-13=(-75)	3431	12- 4=(-4)	547
3- 4=(-3898)	208	13-14=(-137)	4943	4-13=(-65)	1697
4- 5=(-4474)	232	14-15=(-124)	4944	5-13=(-651)	60
5- 6=(-4460)	231	15-16=(-78)	3433	13- 6=(-765)	64
6- 7=(-4949)	246	16-11=(-146)	3471	6-14=(-119)	181
7- 8=(-4451)	237			14- 7=(-46)	188
8- 9=(-4464)	238			7-15=(-817)	35
9-10=(-3908)	212			15- 8=(-624)	57
10-11=(-4074)	212			15- 9=(-71)	1678
				9-16=(-2)	585

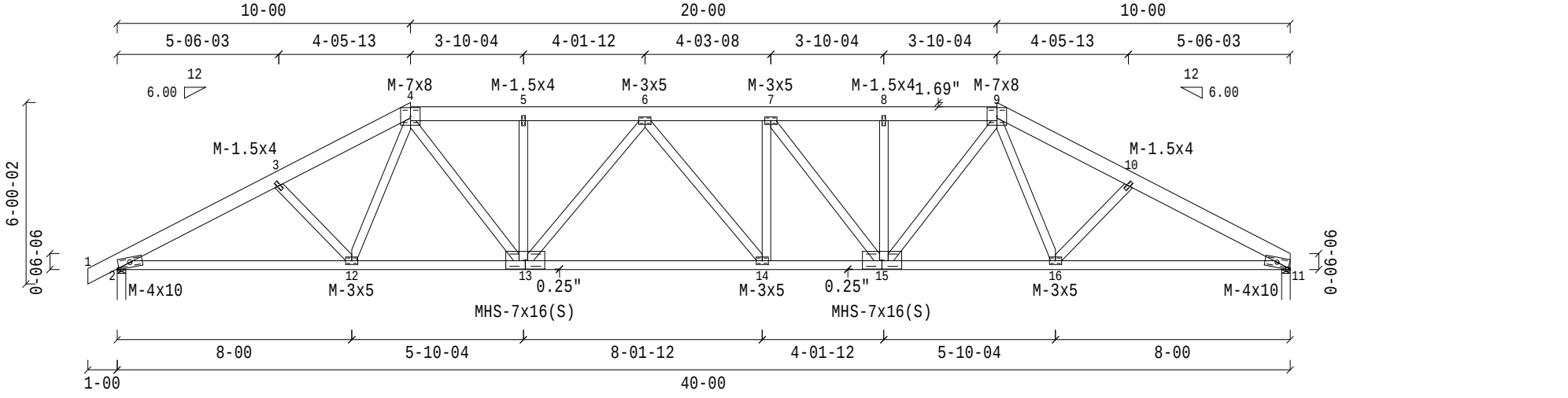
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-129/ 2398V	-98/ 102H	3.50"	3.84	DF (625)
40'- 0.0"	-101/ 2220V	0/ 0H	3.50"	3.55	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.350" @ 18'- 0.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.547" @ 18'- 0.0" Allowed = 1.971"

MAX HORIZ. LL DEFL = 0.141" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.196" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6, Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.40 BC:0.73 Web:0.75



JOB NAME: SERVICES BLDG TRUSS - 18

Scale: 0.1882

Truss: 18

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378830
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x4 DF #1&BTR;
2x6 DF #2 T1-T4
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 12.0"

Staple or equal at non-structural vertical members (uon).

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15 (Non-Rep)
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0) 77	2-10=(-89) 3657	3-10=(0) 269	
2- 3=(-4305) 191	10-11=(-87) 3660	3-11=(-735) 78	
3- 4=(-3545) 215	11-12=(-21) 3057	4-11=(0) 589	
4- 5=(-2667) 221	12-13=(-21) 3057	4-12=(-1350) 113	
5- 6=(-2667) 221	13-14=(-87) 3660	12- 5=(-119) 1679	
6- 7=(-3545) 215	14- 8=(-89) 3657	12- 6=(-1351) 113	
7- 8=(-4305) 191		13- 6=(0) 589	
8- 9=(0) 77		13- 7=(-735) 78	
		14- 7=(0) 268	

BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-129/ 2488V	-202/ 202H	3.50"	3.98	DF (625)
40'- 0.0"	-129/ 2488V	0/ 0H	3.50"	3.98	DF (625)

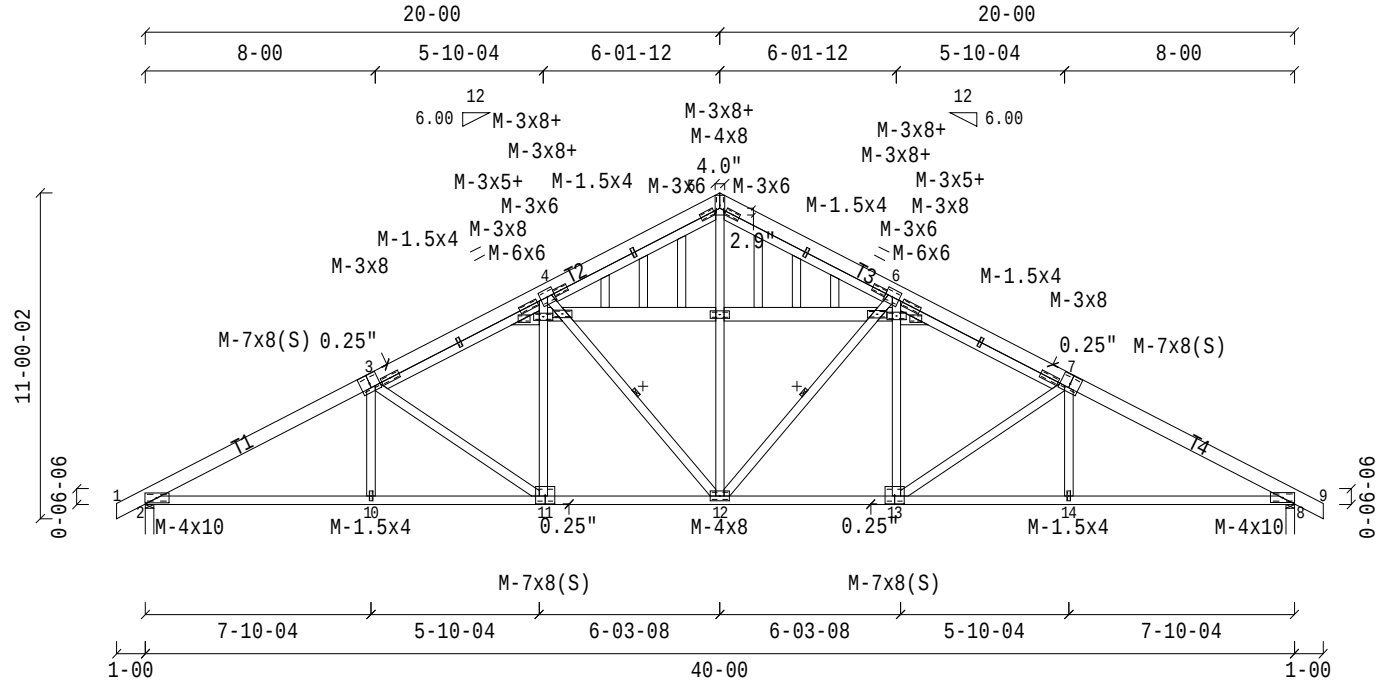
VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.218" @ 13'- 11.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.382" @ 13'- 11.0" Allowed = 1.971"
MAX LL DEFL = -0.001" @ 41'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ 41'- 0.0" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.112" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.161" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6,
Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.87 BC:0.71 Web:0.74

Truss designed for 4x2 outlookers. 2x let-ins of equal or greater grade as structural top chord. Insure tight fit at each end of let-in. Outlookers must be cut with care and are permissible at inlet board areas only.



JOB NAME: SERVICES BLDG TRUSS - 19

Scale: 0.1451

Truss: 19

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378831
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 12.0"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

ADDL: TC UNIF LL+DL= 6.0 PSF 23'- 0.0" TO 37'- 0.0" V

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(0) 77	2-10=(-92) 3738	3-10=(0) 268
2- 3=(-4398) 194	10-11=(-90) 3741	3-11=(-731) 78
3- 4=(-3639) 219	11-12=(-24) 3142	4-11=(0) 587
4- 5=(-2763) 225	12-13=(-27) 3213	4-12=(-1348) 113
5- 6=(-2779) 225	13-14=(-96) 3887	12- 5=(-122) 1759
6- 7=(-3737) 221	14- 8=(-97) 3884	12- 6=(-1458) 118
7- 8=(-4569) 200		13- 6=(0) 636
8- 9=(0) 77		13- 7=(-819) 81
		14- 7=(0) 268

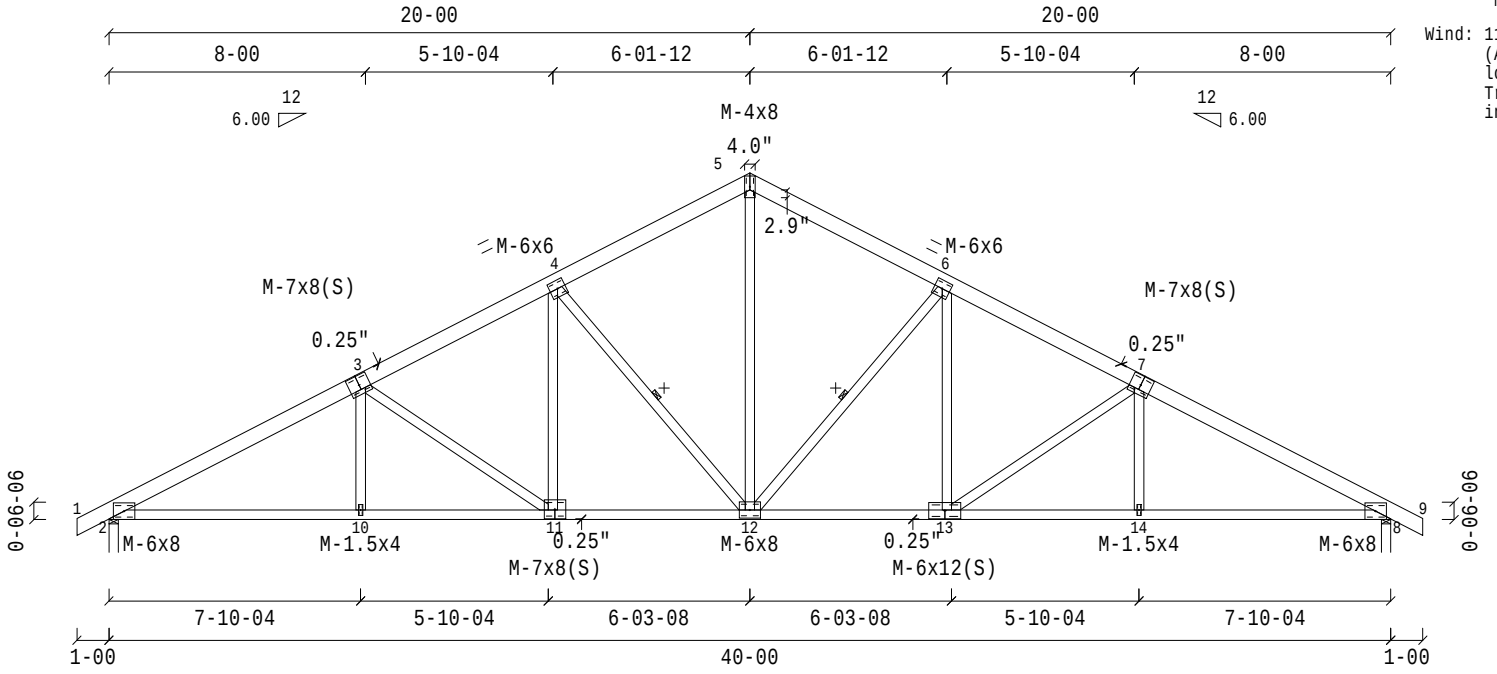
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-130/ 2532V	-202/ 202H	3.50"	4.05	DF (625)
40'- 0.0"	-134/ 2624V	0/ 0H	3.50"	4.20	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX LL DEFL = -0.218" @ 13'- 11.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.406" @ 26'- 1.0" Allowed = 1.971"
MAX LL DEFL = -0.001" @ 41'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ 41'- 0.0" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.112" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.168" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.75 BC:0.67 Web:0.78



JOB NAME: 0432 - SERVICES - 20

Scale: 0.1619

Truss: 20

DES. BY: MJ
DATE: 5/23/2016
SEQ.: 6398414
TRANS ID: 436363

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 0.0" 12.0"

TRUSS SPAN 40'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

ADDL: TC UNIF LL+DL= 6.0 PSF 23'- 0.0" TO 37'- 0.0" V

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(-4417)	200	1- 9=(-98)	3761	2- 9=(0)	268	13- 6=(0)	268
2- 3=(-3649)	222	9-10=(-97)	3764	2-10=(-736)	83		
3- 4=(-2767)	226	10-11=(-27)	3149	3-10=(0)	597		
4- 5=(-2761)	226	11-12=(-28)	3188	3-11=(-1353)	115		
5- 6=(-3709)	222	12-13=(-97)	3863	11- 4=(-123)	1762		
6- 7=(-4542)	201	13- 7=(-98)	3860	11- 5=(-1442)	117		
7- 8=(0)	77			12- 5=(0)	636		
				12- 6=(-819)	81		

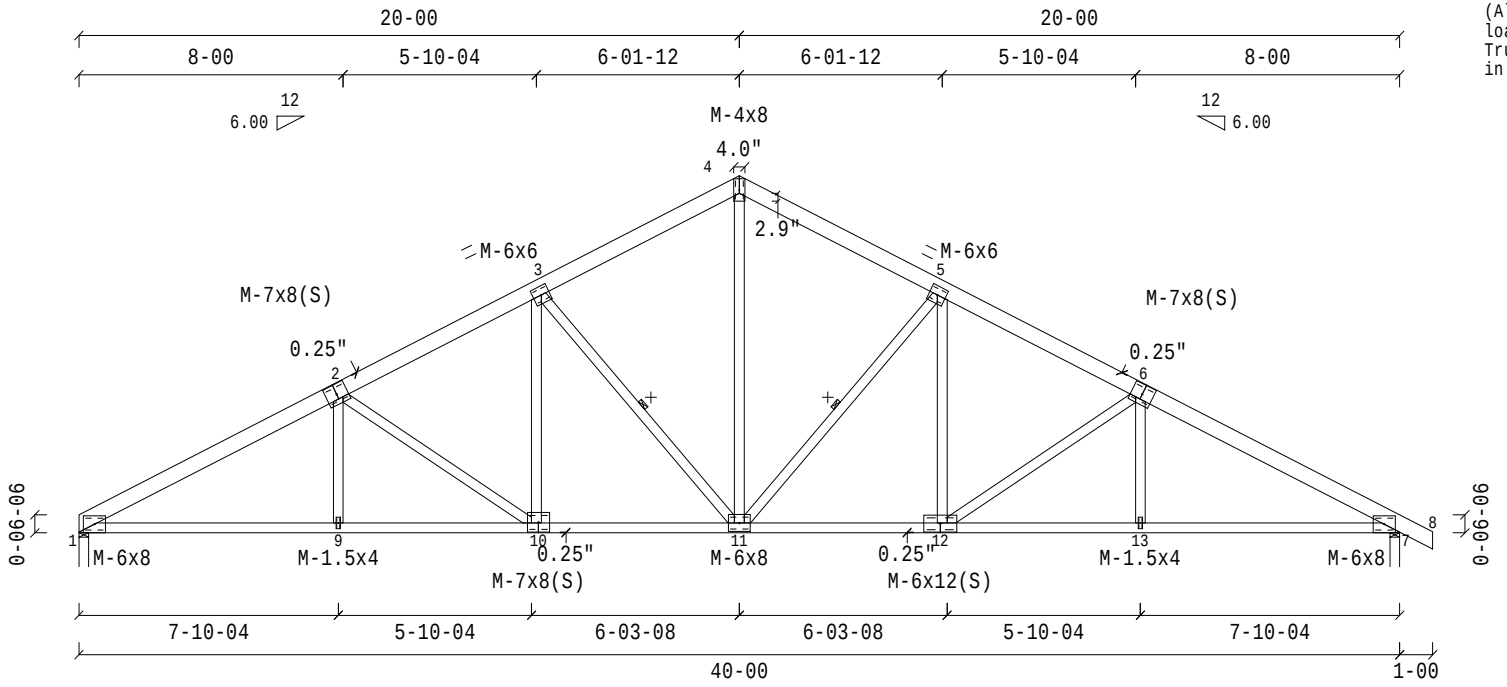
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-103/ 2433V	-199/ 195H	3.50"	3.89	DF (625)
40'- 0.0"	-134/ 2611V	0/ 0H	3.50"	4.18	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.218" @ 13'- 11.0" Allowed = 1.314"
MAX TL CREEP DEFL = -0.405" @ 26'- 1.0" Allowed = 1.971"
MAX LL DEFL = -0.001" @ 41'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ 41'- 0.0" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.112" @ 39'- 8.5"
MAX HORIZ. TL DEFL = 0.169" @ 39'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.79 BC:0.66 Web:0.78



JOB NAME: 0432 - SERVICES - 21

Scale: 0.1668

Truss: 21

DES. BY: MJ
DATE: 5/23/2016
SEQ.: 6398415
TRANS ID: 436363

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 0.0" 12.0"

TRUSS SPAN 24'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

ADDL: TC UNIF LL+DL= 6.0 PSF 7'- 0.0" TO 21'- 0.0" V

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1-	2=(	-582)	131	7-	8=(-128)	222	7-	1=(-1376)	79	10-	4=(0) 268
2-	3=(	-700)	126	8-	9=(	0) 1320	1-	8=(	-35) 1103		
3-	4=(-1631)		123	9-	10=(	-11) 2080	8-	2=(	-45) 145		
4-	5=(-2515)		104	10-	5=(	-13) 2077	8-	3=(-1301)	118		
5-	6=(	0)	77				9-	3=(	0) 703		
							9-	4=(	-909) 85		

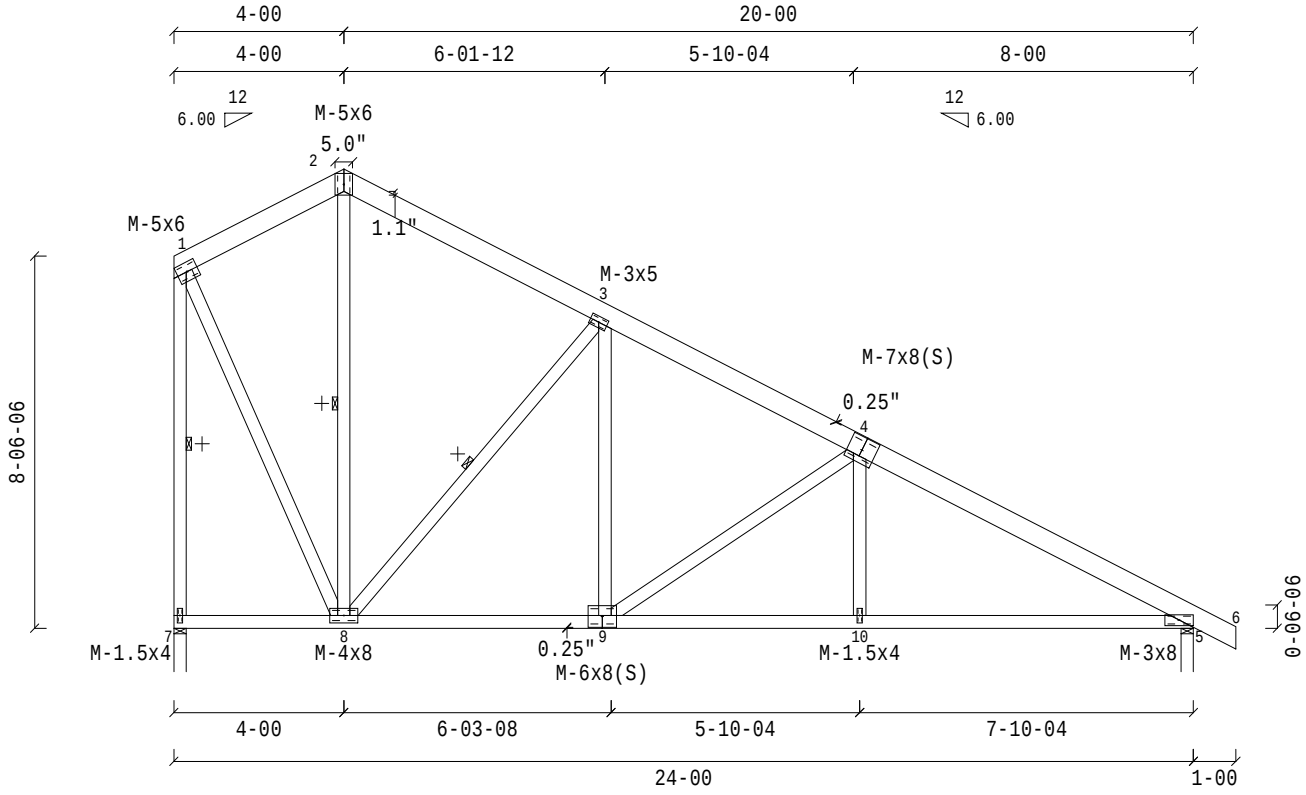
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-67/ 1397V	-301/ 158H	3.50"	2.24	DF (625)
24'- 0.0"	-88/ 1644V	0/ 0H	3.50"	2.63	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.071" @ 16'- 1.7" Allowed = 0.781"
MAX TL CREEP DEFL = -0.142" @ 16'- 1.7" Allowed = 1.171"
MAX LL DEFL = -0.001" @ 25'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ 25'- 0.0" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.028" @ 23'- 8.5"
MAX HORIZ. TL DEFL = 0.046" @ 23'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
End vertical(s) are exposed to wind,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.55 BC:0.43 Web:0.93



JOB NAME: 0432 - SERVICES - 22

Scale: 0.2146

Truss: 22

DES. BY: MJ
DATE: 5/23/2016
SEQ.: 6398416
TRANS ID: 436363

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
DAVID M. BAXTER
C 60384
EXP. 06/30/16
5/23/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

TRUSS SPAN 24'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1-	2=(-551)	130	6-	7=(-126)	215	6-	1=(-1302)	77	8-	4=(-841)	87
2-	3=(-654)	125	7-	8=(0)	1226	1-	7=(-33)	1041	9-	4=(0)	269
3-	4=(-1510)	121	8-	9=(-30)	1928	7-	2=(-55)	123			
4-	5=(-2329)	102	9-	5=(-31)	1925	7-	3=(-1197)	116			
						8-	3=(-1)	665			

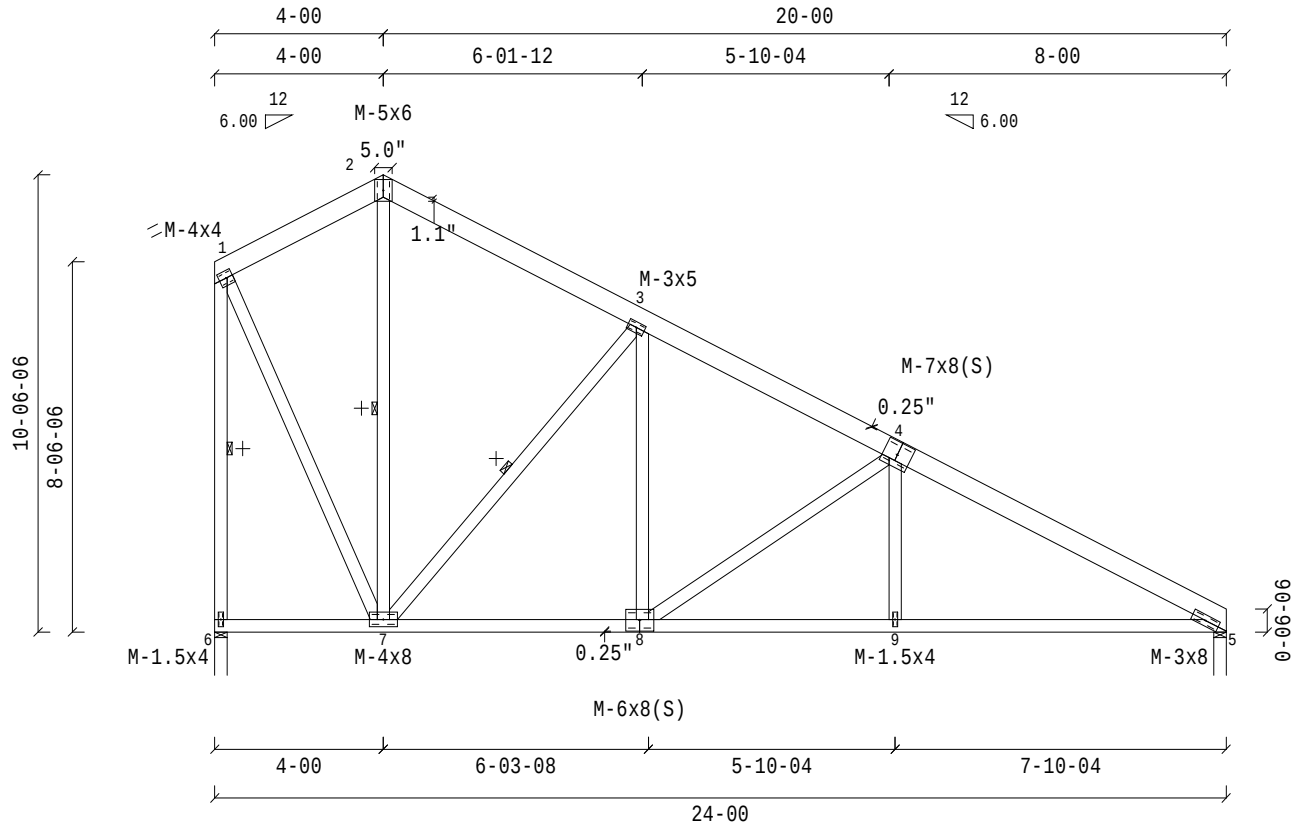
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-66/ 1324V	-294/ 156H	3.50"	2.12	DF (625)
24'- 0.0"	-56/ 1437V	0/ 0H	3.50"	2.30	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.072" @ 16'- 1.7" Allowed = 0.781"
MAX TL CREEP DEFL = -0.129" @ 16'- 1.7" Allowed = 1.171"

MAX HORIZ. LL DEFL = 0.029" @ 23'- 8.5"
MAX HORIZ. TL DEFL = 0.043" @ 23'- 8.5"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
End vertical(s) are exposed to wind,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.58 BC:0.41 Web:0.91



JOB NAME: SERVICES BLDG TRUSS - 23

Scale: 0.2129

Truss: 23

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378835
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:
1. This design is based only upon the parameters shown and is for an individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer.
2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x4 DF #1&BTR;
2x6 DF #2 T1-T3
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

Staple or equal at non-structural
vertical members (uon).

TRUSS SPAN 23'- 8.5"
LOAD DURATION INCREASE = 1.15 (Non-Rep)
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

BOTTOM CHORD CHECKED FOR A 20 PSF LIMITED STORAGE
LIVE LOAD AT LOCATION(S) SPECIFIED BY CBC 2013.
THE BOTTOM CHORD DEAD LOAD IS A MINIMUM OF 10 PSF.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1-	2=(	-509)	129	6-	7=(-125)	218	6-	1=(-1288)	75	8-	4=(-842) 88
2-	3=(	-617)	123	7-	8=(	0)	1194	1-	7=(-36)	1047	9- 4=(0) 268
3-	4=(-1474)		119	8-	9=(-28)		1898	7-	2=(-62)	110	
4-	5=(-2294)		99	9-	5=(-29)		1894	7-	3=(-1197)	115	
								8-	3=(-1)	666	

BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-65/ 1308V	-296/ 155H	3.50"	2.09	DF (625)
23'- 8.5"	-55/ 1421V	0/ 0H	3.50"	2.27	DF (625)

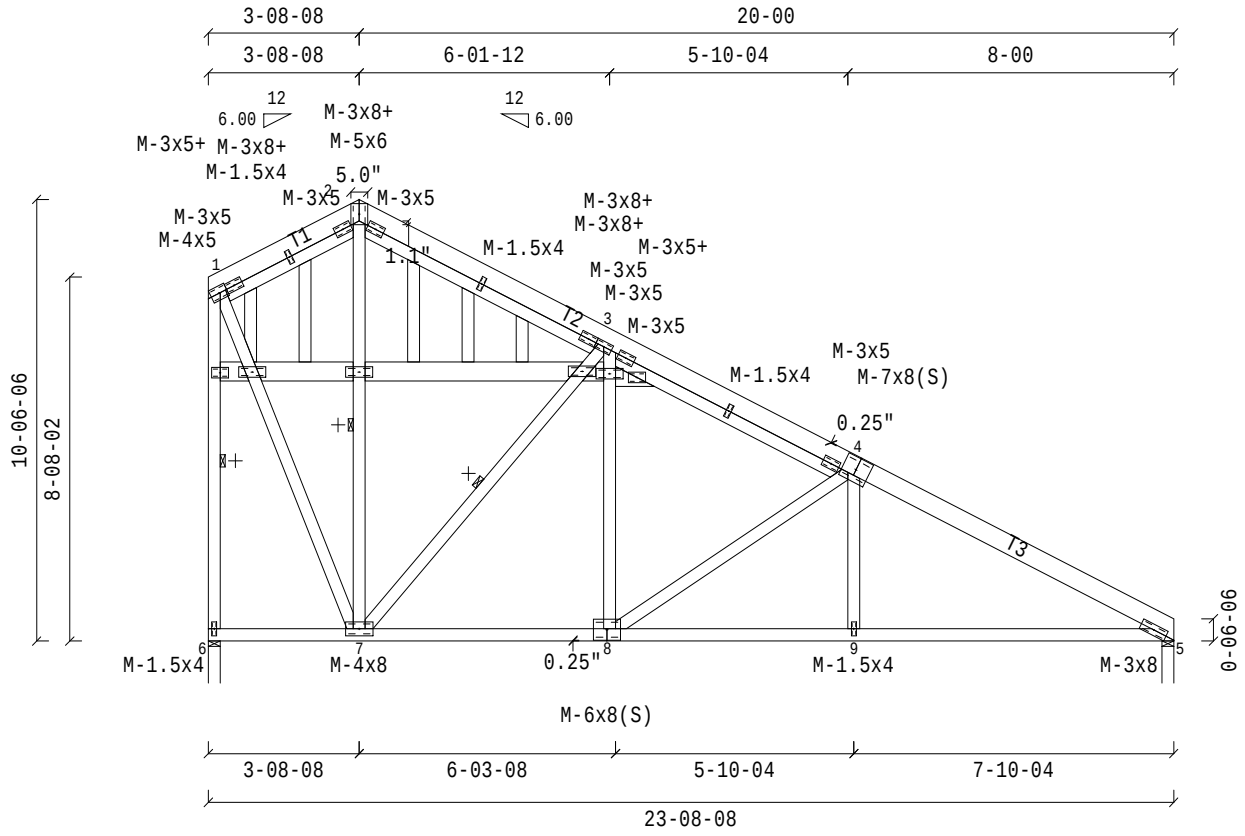
VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.071" @ 15'- 10.2" Allowed = 0.771"
MAX TL CREEP DEFL = -0.127" @ 15'- 10.2" Allowed = 1.156"

MAX HORIZ. LL DEFL = 0.028" @ 23'- 5.0"
MAX HORIZ. TL DEFL = 0.042" @ 23'- 5.0"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
End vertical(s) are exposed to wind,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.68 BC:0.46 Web:0.95

Truss designed for 4x2 outlookers. 2x let-ins of equal or greater grade as structural top chord. Insure tight fit at each end of let-in. Outlookers must be cut with care and are permissible at inlet board areas only.



JOB NAME: SERVICES BLDG TRUSS - 24

Scale: 0.2057

Truss: 24

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378836
TRANS ID: 435039

WARNINGS:

1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

GENERAL NOTES, unless otherwise noted:

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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
CIVIL
STATE OF CALIFORNIA

This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

TRUSS SPAN 23'- 8.5"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(-1299) 103	7- 8=(-46) 122	7- 1=(-1445) 82	4-10=(-7) 623
2- 3=(-1625) 122	8- 9=(0) 1362	1- 8=(-67) 1713	10- 5=(-633) 104
3- 4=(-1636) 123	9-10=(0) 1443	8- 2=(-1088) 94	
4- 5=(-1899) 125	10- 6=(-71) 1908	2- 9=(-21) 490	
5- 6=(-2322) 126		9- 3=(-538) 50	
		9- 4=(-204) 309	

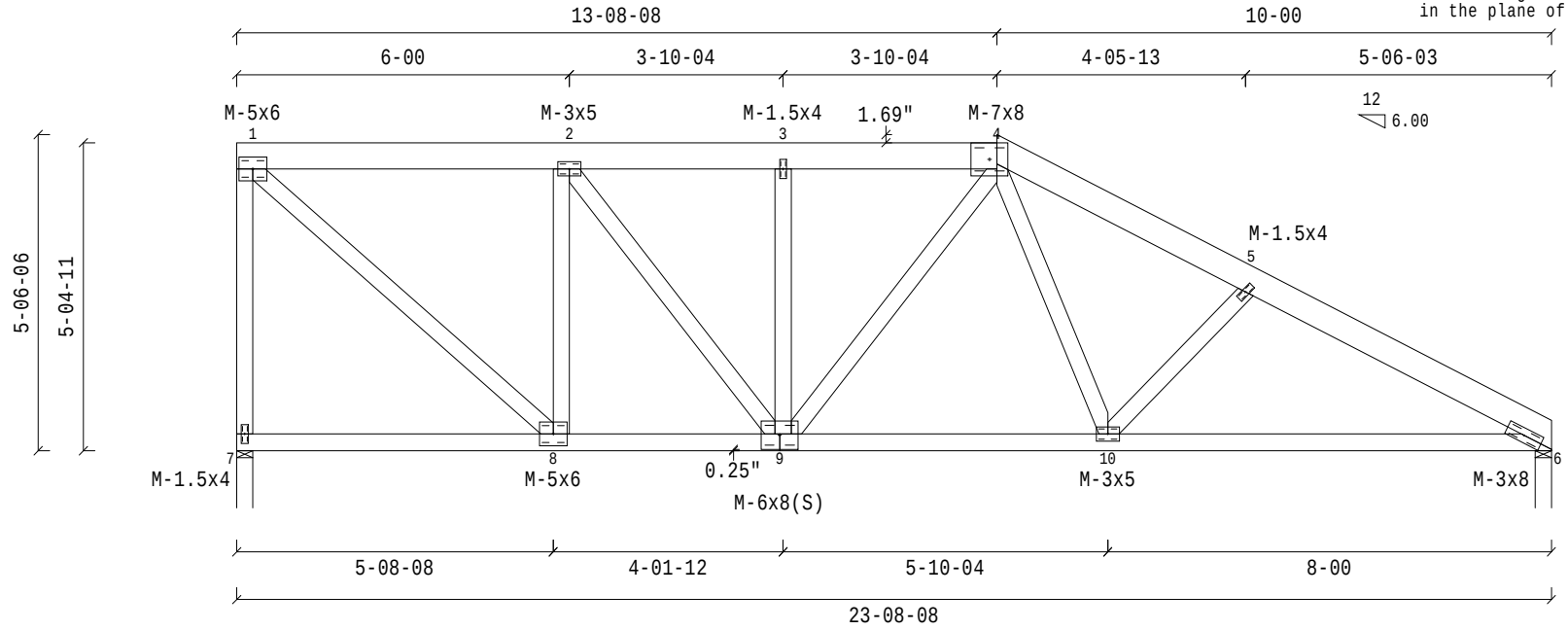
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-61/ 1481V	-159/ 75H	3.50"	2.37	DF (625)
23'- 8.5"	-59/ 1438V	0/ 0H	3.50"	2.30	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.070" @ 9'- 10.2" Allowed = 0.771"
MAX TL CREEP DEFL = -0.111" @ 9'- 10.2" Allowed = 1.156"

MAX HORIZ. LL DEFL = 0.025" @ 23'- 5.0"
MAX HORIZ. TL DEFL = 0.036" @ 23'- 5.0"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6,
End vertical(s) are exposed to wind,
Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.32 BC:0.42 Web:0.76



JOB NAME: SERVICES BLDG TRUSS - 25

Scale: 0.2882

Truss: 25

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378837
TRANS ID: 435039

WARNINGS:

1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

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3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

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LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x6 DF #2
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 0.0" 12.0"

TRUSS SPAN 23'- 8.5"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(-1668) 103	8- 9=(-33) 103	8- 1=(-1441) 80	11- 5=(-498) 80
2- 3=(-2226) 128	9-10=(0) 1750	1- 9=(-73) 1996	
3- 4=(-1768) 106	10-11=(-13) 2249	9- 2=(-1103) 90	
4- 5=(-2003) 111	11- 6=(-42) 1908	2-10=(-26) 685	
5- 6=(-2270) 118		10- 3=(-440) 54	
6- 7=(0) 77		3-11=(-585) 57	
		4-11=(-6) 510	

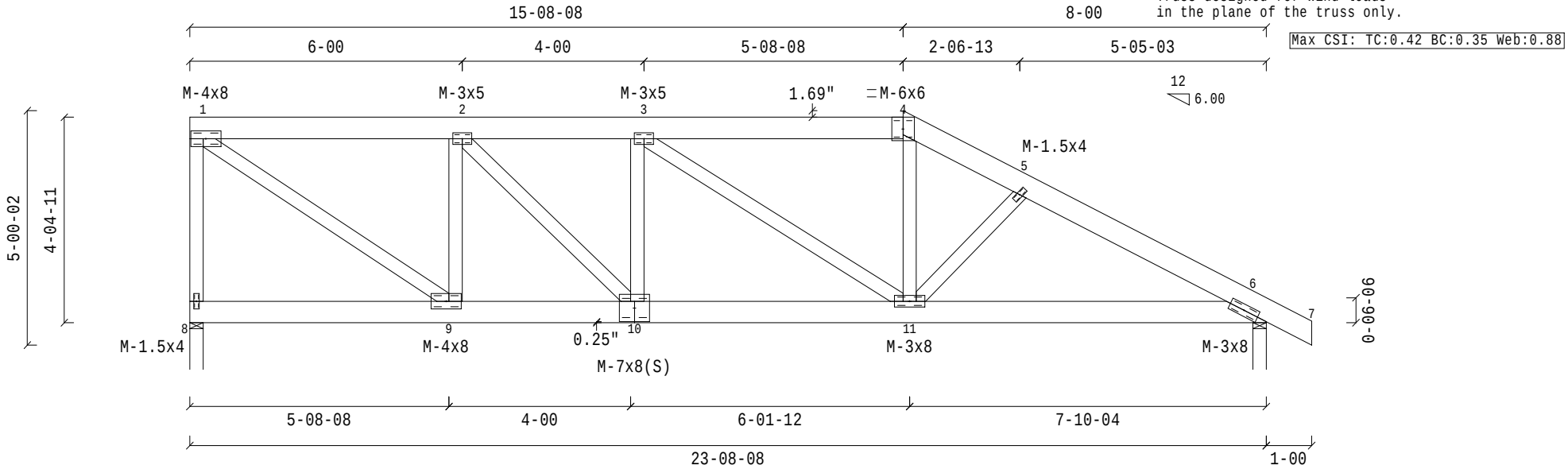
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-59/ 1482V	-132/ 61H	3.50"	2.37	DF (625)
23'- 8.5"	-87/ 1504V	0/ 0H	3.50"	2.41	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.087" @ 10'- 0.0" Allowed = 0.771"
MAX TL CREEP DEFL = -0.133" @ 10'- 0.0" Allowed = 1.156"
MAX LL DEFL = -0.001" @ 24'- 8.5" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ 24'- 8.5" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.023" @ 23'- 5.0"
MAX HORIZ. TL DEFL = 0.032" @ 23'- 5.0"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6,
End vertical(s) are exposed to wind,
Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.42 BC:0.35 Web:0.88



JOB NAME: SERVICES BLDG TRUSS - 26

Scale: 0.2886

Truss: 26

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378838
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
5. CompuTrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
6. This design is furnished subject to the limitations set forth by TPI/WTCA in BCSI, copies of which will be furnished upon request.

MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

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2. Design assumes the top and bottom chords to be laterally braced at 2' o.c. and at 10' o.c. respectively unless braced throughout their length by continuous sheathing such as plywood sheathing(TC) and/or drywall(BC).
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
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C 66864
EXP. 09/30/2016
3/29/16
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STATE OF CALIFORNIA

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ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x6 DF #2
WEBS: 2x4 DF STAND;
2x4 DF #1&BTR A

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 0.0" 12.0"

(2) complete trusses required.
Attach 2 ply with 3"x.131 DIA GUN nails staggered:
9" oc in 2 row(s) throughout 2x6 top chords,
9" oc in 2 row(s) throughout 2x6 bottom chords,
9" oc in 1 row(s) throughout 2x4 webs.

23-08-08 MONO HIP EB SETBACK 6-00-00 FROM END WALL
LOAD DURATION INCREASE = 1.15 (Non-Rep)

LOADING
Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1, Lu=25'

TC UNIF LL(38.5)+DL(10.0)= 48.5 PSF 0'- 0.0" TO 23'- 8.5" V
BC UNIF LL(0.0)+DL(7.0)= 7.0 PSF 0'- 0.0" TO 23'- 8.5" V
BC UNIF LL(77.0)+DL(34.0)= 111.0 PLF 0'- 0.0" TO 17'- 8.5" V
BC UNIF LL(0.0)+DL(14.0)= 14.0 PLF 17'- 8.5" TO 23'- 8.5" V

TC CONC LL(385.0)+DL(100.0)= 485.0 LBS @ 17'- 8.5"

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90

1- 2=(-4218) 198	8- 9=(-12) 132	8- 1=(-2514) 124	4-12=(-1770) 82
2- 3=(-5602) 254	9-10=(-116) 4370	1- 9=(-182) 4666	12- 5=(0) 1436
3- 4=(-5654) 266	10-11=(-164) 5638	9- 2=(-1550) 112	
4- 5=(-4226) 206	11-12=(-174) 5606	2-10=(-56) 1562	
5- 6=(-4832) 208	12- 6=(-114) 4222	10- 3=(-522) 52	
6- 7=(0) 76		3-11=(-66) 186	
		11- 4=(0) 556	

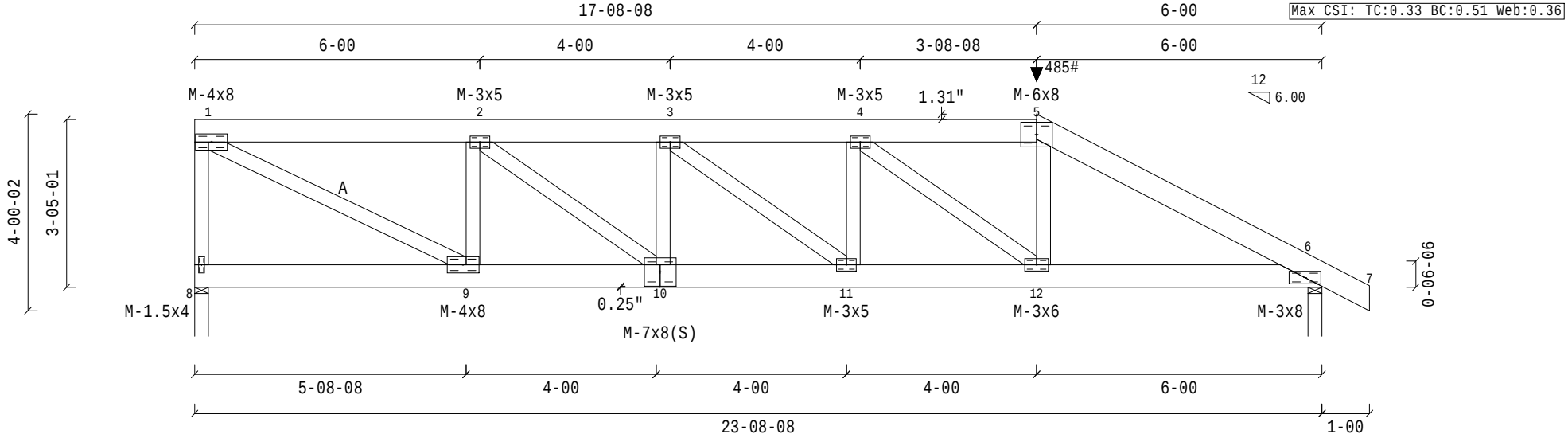
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-115/ 2834V	-101/ 46H	3.50"	4.53	DF (625)
23'- 8.5"	-119/ 2680V	0/ 0H	3.50"	4.29	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.113" @ 10'- 0.0" Allowed = 0.771"
MAX TL CREEP DEFL = -0.177" @ 10'- 0.0" Allowed = 1.156"
MAX LL DEFL = -0.000" @ 24'- 8.5" Allowed = 0.067"
MAX TL CREEP DEFL = -0.000" @ 24'- 8.5" Allowed = 0.100"

MAX HORIZ. LL DEFL = 0.029" @ 23'- 5.0"
MAX HORIZ. TL DEFL = 0.040" @ 23'- 5.0"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10, (All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir), load duration factor=1.6,
End vertical(s) are exposed to wind,
Truss designed for wind loads in the plane of the truss only.

Max CSI: TC:0.33 BC:0.51 Web:0.36



JOB NAME: SERVICES BLDG TRUSS - 27

Scale: 0.3020

Truss: 27

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378839
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
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MiTek USA, Inc./CompuTrus Software 7.6.7-SP3(1L)-E

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3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

REGISTERED PROFESSIONAL ENGINEER
MARK PAUL RIVERA
C 66864
EXP. 09/30/2016
3/29/16
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This design prepared from computer input by
ERICKSON CONSTRUCTION - MS

LUMBER SPECIFICATIONS
TC: 2x6 DF #2
BC: 2x4 DF #1&BTR
WEBS: 2x4 DF STAND

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 12.0" 0.0"

TRUSS SPAN 6'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(38.5)+DL(10.0) ON TOP CHORD = 48.5 PSF
DL ON BOTTOM CHORD = 7.0 PSF
TOTAL LOAD = 55.5 PSF

Snow: ASCE 7-10, 38.5 PSF Roof Snow(Ps)
Pg=50 PSF, Cs=1, Ce=1, Ct=1.1, I=1

LIMITED STORAGE DOES NOT APPLY DUE TO THE SPATIAL
REQUIREMENTS OF CBC 2013 NOT BEING MET.

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP
AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

CBC2013/IBC2012 MAX MEMBER FORCES 4WR/GDF95/Cq=0.90
1-2=(0) 77 2-4=(-34) 31 3-4=(-282) 45
2-3=(-150) 107

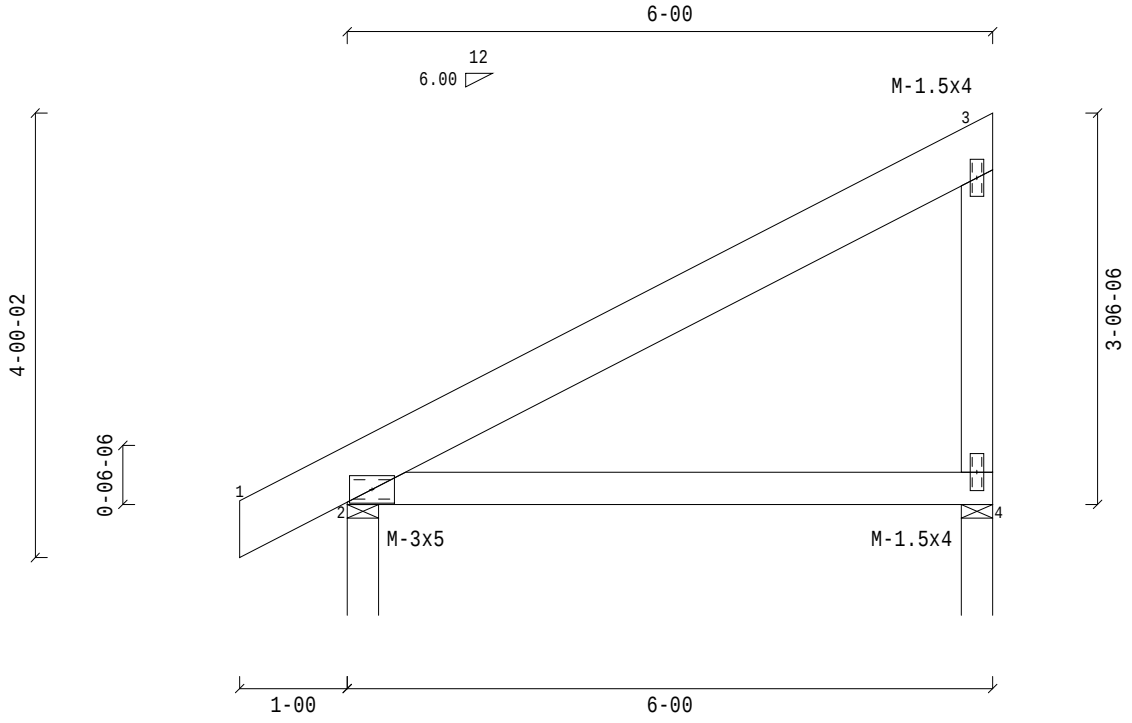
BEARING LOCATIONS	MAX VERT REACTIONS	MAX HORZ REACTIONS	BRG SIZE	REQUIRED BRG AREA SQ.IN.	(SPECIES)
0'- 0.0"	-46/ 542V	-38/ 101H	3.50"	0.87	DF (625)
6'- 0.0"	-20/ 323V	0/ 0H	3.50"	0.52	DF (625)

VERTICAL DEFLECTION LIMITS: LL=L/360, TL=L/240
MAX LL DEFL = -0.001" @ -1'- 0.0" Allowed = 0.067"
MAX TL CREEP DEFL = -0.001" @ -1'- 0.0" Allowed = 0.100"
MAX TC PANEL LL DEFL = -0.047" @ 3'- 0.3" Allowed = 0.385"
MAX BC PANEL TL DEFL = -0.066" @ 3'- 0.9" Allowed = 0.344"

MAX HORIZ. LL DEFL = -0.000" @ 5'- 10.3"
MAX HORIZ. TL DEFL = -0.000" @ 5'- 10.3"

Wind: 110 mph, h=15ft, TCDL=6.0,BCDL=4.2, ASCE 7-10,
(All Heights), Enclosed, Cat.2, Exp.C, MWFRS(Dir),
load duration factor=1.6,
End vertical(s) are exposed to wind,
Truss designed for wind loads
in the plane of the truss only.

Max CSI: TC:0.34 BC:0.22 Web:0.11



JOB NAME: SERVICES BLDG TRUSS - M1

Scale: 0.5435

Truss: M1

DES. BY: EE
DATE: 3/29/2016
SEQ.: 6378840
TRANS ID: 435039

WARNINGS:
1. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
2. 2x4 compression web bracing must be installed where shown +.
3. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer.
4. No load should be applied to any component until after all bracing and fasteners are complete and at no time should any loads greater than design loads be applied to any component.
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3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
6. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic connector plate design values see ESR-1311, ESR-1988 (MiTek)

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