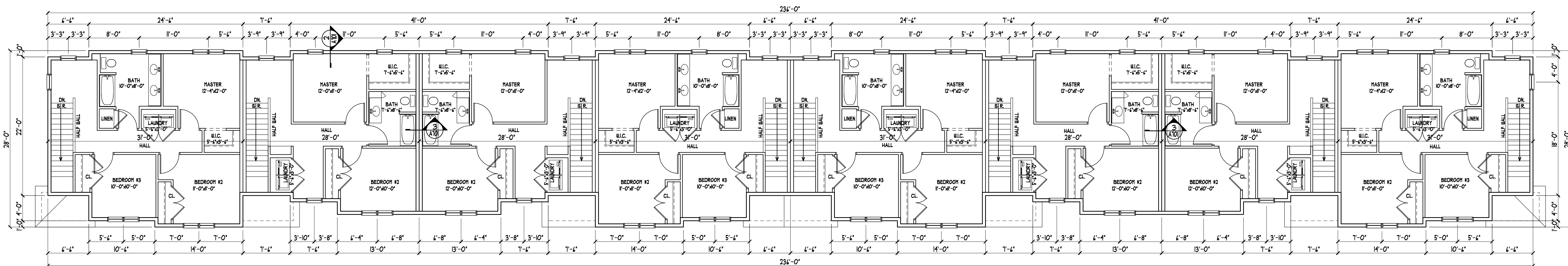


ROOF PLAN - BLDG. "8-3"
SCALE: 1/8" = 1'-0"



3 BED (2 BATHS)
214 S.F. DOWN + 511 S.F. GARAGE
793 S.F. 3/4 BATH MAN
891 S.F. FULL BATH UP
1005 S.F. TOTAL + 511 S.F. GARAGE

2 BED (2 BATHS)
142 S.F. + 581 S.F. GARAGE
481 S.F. 1/2 BATH MAN
483 S.F. FULL BATH UP
1064 S.F. TOTAL + 581 S.F. GARAGE

2 BED (2 BATHS)
142 S.F. + 581 S.F. GARAGE
481 S.F. 1/2 BATH MAN
483 S.F. FULL BATH UP
1064 S.F. TOTAL + 581 S.F. GARAGE

3 BED (2 BATHS)
214 S.F. DOWN + 511 S.F. GARAGE
793 S.F. 3/4 BATH MAN
891 S.F. FULL BATH UP
1005 S.F. TOTAL + 511 S.F. GARAGE

3 BED (2 BATHS)
214 S.F. DOWN + 511 S.F. GARAGE
793 S.F. 3/4 BATH MAN
891 S.F. FULL BATH UP
1005 S.F. TOTAL + 511 S.F. GARAGE

2 BED (2 BATHS)
142 S.F. + 581 S.F. GARAGE
481 S.F. 1/2 BATH MAN
483 S.F. FULL BATH UP
1064 S.F. TOTAL + 581 S.F. GARAGE

2 BED (2 BATHS)
142 S.F. + 581 S.F. GARAGE
481 S.F. 1/2 BATH MAN
483 S.F. FULL BATH UP
1064 S.F. TOTAL + 581 S.F. GARAGE

3 BED (2 BATHS)
214 S.F. DOWN + 511 S.F. GARAGE
793 S.F. 3/4 BATH MAN
891 S.F. FULL BATH UP
1005 S.F. TOTAL + 511 S.F. GARAGE

SECOND FLOOR PLAN - BLDG. "8-3"
SCALE: 1/8" = 1'-0" (8) FLEX 4,000 S.F.

PROPOSED: **RED WING TOWN HOMES BLDG. 8-3**
RED WING, MN
RED WING, MN (651) 388-0000

DEVELOPER: **KB KELLER/BAARTMAN**
PERFORMANCE PARTNERS

ARCHITECT: **COLE GROUP ARCHITECTS LLC**
214 Park Avenue South
Suite 102
Saint Cloud, MN 56301
(320) 451-4510
www.colegrouparchitects.com

These documents are not valid for building permits unless signed in ink and are not sealed. Copies are not valid. I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of MINNESOTA. Date: 11/27/2018 Name: NORMAN E. COLE Signature

REVISIONS COMMENTS

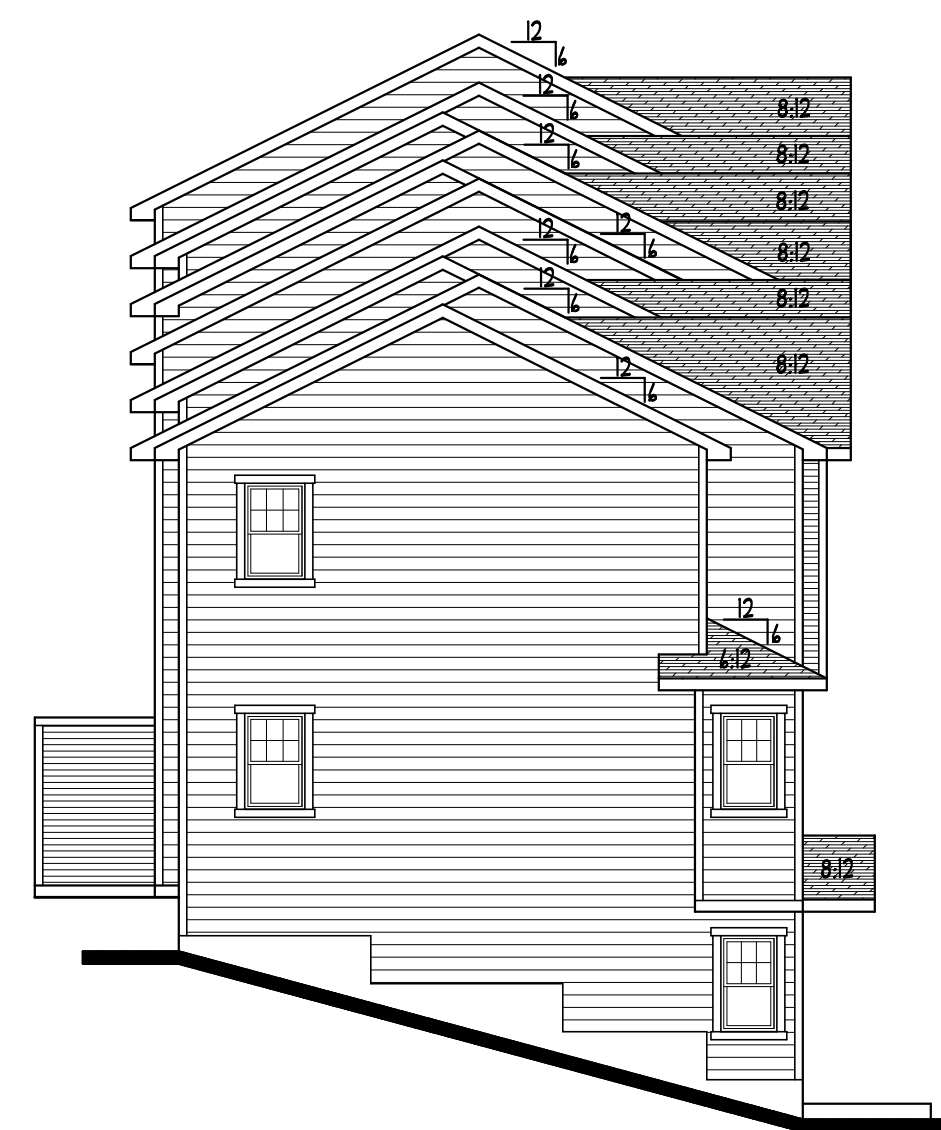
Project No. 19044
Submittal Date:
Document Set: BID SET

A101

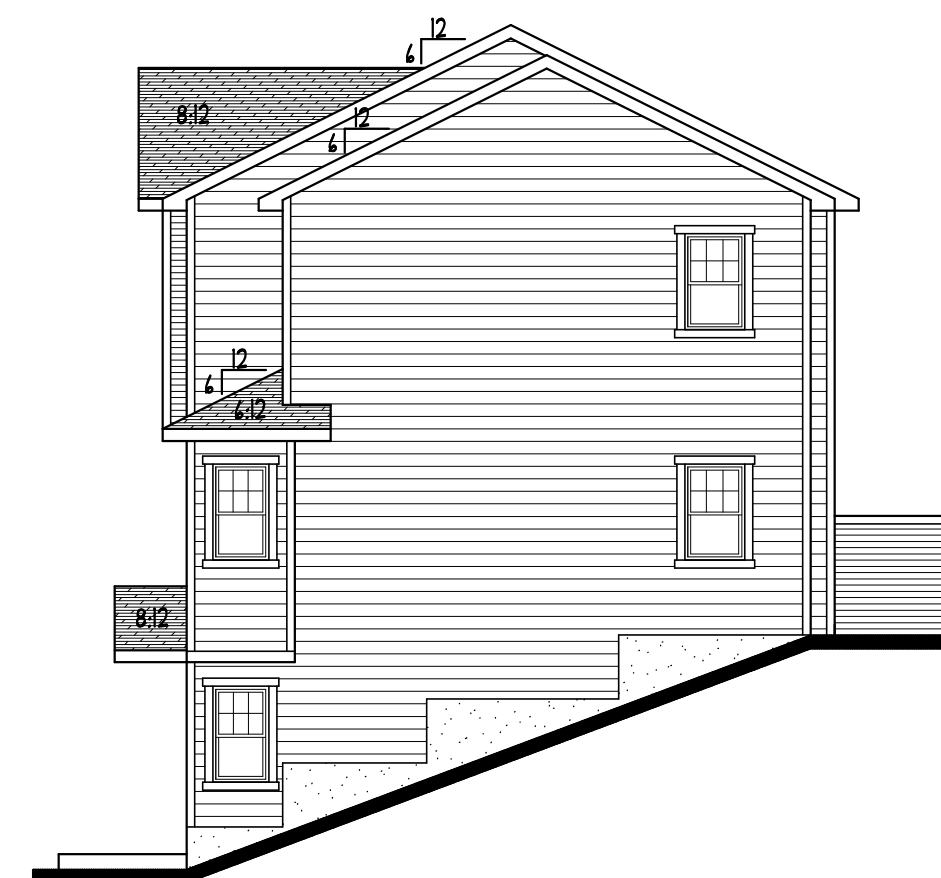
PLOTTED: 11-14-19 FILE: 19066P.COM: 3



REAR ELEVATION - BLDG. "8-3"
SCALE: 1/8" = 1'-0"



LEFT END ELEVATION - BLDG. "8-3"
SCALE: 1/8" = 1'-0"



RIGHT END ELEVATION - BLDG. "8-3"
SCALE: 1/8" = 1'-0"



FRONT ELEVATION - BLDG. "8-3"
SCALE: 1/8" = 1'-0"

PLOTTED: 11-14-19 FILE: 19066E COM: 4
 Project No. 19066
 Submittal Date:
 Document Set: BID SET
 A501
 REVISIONS COMMENTS
 REVISIONS COMMENTS
 PROPOSED:
RED WING TOWN HOMES BLDG. 8-3
 RED WING, MN
 RED WING, MN (651) 388-0000
 DEVELOPER:
KB KELLER/BAARIMAN
 PROPERTIES
 RED WING, MN
 (651) 388-0000
 COLE GROUP ARCHITECTS LLC
 214 Park Avenue South
 Suite 102
 Saint Cloud, MN 56301
 (352) 424-4810
 www.colegrouparchitects.com
 These documents are not valid for building permit unless signed in ink and over-stamped. Copies are not valid.
 I hereby certify that the plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of MINNESOTA.
 Date: 11/14/19 # 2288
 Name: NORMAN E. COLE, Signature

GA FILE NO. RC 2602 **GENERIC** **1 HOUR FIRE**

WOOD TRUSSES, GYPSUM WALLBOARD

Base layer 1/4" Type X gypsum wallboard applied at right angles to wood roof trusses 24" o.c. with 1/4" Type W or S drywall screws 24" o.c. Face layer 1/4" Type X gypsum wallboard or gypsum veneer base applied at right angles to trusses with 1/4" Type W or S drywall screws 12" o.c. at joints and intermediate trusses and 1/4" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood trusses supporting 1/2" plywood wood structural panels applied at right angles to trusses with 8d nails. Appropriate roof covering. Ceiling provides one hour fire resistance protection for trusses.

Approx. Ceiling Weight: 5 pcf
Fire Test: FM FC 172, 2-25-72; ITS, 8-6-86

1 HR. ROOF / CEILING ASSEMBLY

GA FILE NO. RC 2601 **GENERIC** **1 HOUR FIRE**

GYPSUM BOARD, WOOD JOISTS, ROOF COVERING

Base layer 1/4" Type X gypsum wallboard applied at right angles to 2 x 10 wood joists 24" o.c. with 1/4" Type W or S drywall screws 24" o.c. Face layer 1/4" Type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 1/4" Type W or S drywall screws 12" o.c. at joints and intermediate joists and 1/4" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood joists supporting 1/2" plywood with exterior glue applied at right angles to joists with 8d nails. Appropriate roof covering. Ceiling provides one hour fire resistance protection for wood framing, including trusses.

Approx. Ceiling Weight: 5 pcf
Fire Test: FM FC 172, 2-25-72

1 HR. ROOF / CEILING ASSEMBLY

Design No. P522
Unrestrained Assembly Rating - 1 Hr
Finish Rating - 25 Min (See Items 5 or 5A)

1 HR. ROOF / CEILING ASSEMBLY

GA FILE NO. RC 2601 **GENERIC** **1 HOUR FIRE**

GYPSUM BOARD, WOOD JOISTS, ROOF COVERING

Base layer 1/4" Type X gypsum wallboard applied at right angles to 2 x 10 wood joists 24" o.c. with 1/4" Type W or S drywall screws 24" o.c. Face layer 1/4" Type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 1/4" Type W or S drywall screws 12" o.c. at joints and intermediate joists and 1/4" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood joists supporting 1/2" plywood with exterior glue applied at right angles to joists with 8d nails. Appropriate roof covering. Ceiling provides one hour fire resistance protection for wood framing, including trusses.

Approx. Ceiling Weight: 5 pcf
Fire Test: FM FC 172, 2-25-72; ITS, 8-6-86

1 HR. ROOF / CEILING ASSEMBLY

GA FILE NO. FC 5406 **GENERIC** **1 HOUR FIRE** **35 to 39 STC SOUND**

WOOD JOISTS, GYPSUM WALLBOARD

Base layer 1/4" Type X gypsum wallboard applied at right angles to 2 x 10 wood joists 24" o.c. with 1/4" Type W or S drywall screws 24" o.c. Face layer 1/4" Type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 1/4" Type S drywall screws 12" o.c. at joints and intermediate joists and 1/4" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood joists supporting 1/2" plywood with exterior glue applied at right angles to joists with 8d nails. Ceiling provides one hour fire resistance protection for wood framing, including trusses.

Approx. Ceiling Weight: 5 pcf
Fire Test: FM FC 172, 2-25-72
Sound Test: Estimated

1 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. RC 2750 **GENERIC** **2 HOUR FIRE**

GYPSUM WALLBOARD, RIGID FURRING CHANNELS, WOOD JOISTS, WOOD JOISTS, RIGID FURRING CHANNELS, ROOF COVERING

Base layer 1/4" Type X gypsum wallboard applied at right angles to either 2 x 8 wood joists or 9/16" deep wood joists 24" o.c. with 1/4" Type W drywall screws 12" o.c. Second layer 1/4" Type X gypsum wallboard applied at right angles to joists or I-joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. Third layer 1/4" Type X gypsum wallboard applied at right angles to joists or I-joists with 2" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists or I-joists over third layer with two 2 1/2" long Type W drywall screws at each joint. Face layer 1/4" Type X gypsum wallboard applied at right angles to furring channels with 1/4" Type S drywall screws 12" o.c. Wood joists or I-joists supporting 1/4" T & G gable plywood applied at right angles to joists or I-joists with 8d nails 6" o.c. at joints and 12" at intermediate joists or I-joists. Appropriate roof covering. Ceiling provides two-hour fire-resistance protection for wood framing.

Approx. Ceiling Weight: 12 pcf
Fire Test: UL R4024, ODNK26545, 4-27-01; UL R4024, ODNK11206, 3-19-03; UL Design L556; ULC Design M514

2 HR. ROOF / CEILING ASSEMBLY

GA FILE NO. FC 5725 **GENERIC** **2 HOUR FIRE**

WOOD FLOOR, WOOD JOISTS, GYPSUM WALLBOARD, RIGID FURRING CHANNELS

Base layer 1/4" Type X gypsum wallboard applied at right angles to 2 x 8 wood joists 24" o.c. with 1/4" Type W drywall screws 12" o.c. Second layer 1/4" Type X gypsum wallboard applied at right angles to joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. Third layer 1/4" Type X gypsum wallboard applied at right angles to joists with 2" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists over third layer with two 2 1/2" long Type W drywall screws at each joint. Face layer 1/4" Type X gypsum wallboard applied at right angles to furring channels with 1/4" Type S drywall screws 12" o.c. Wood joists supporting 1/4" T & G gable plywood applied at right angles to joists with 8d nails 6" o.c. at joints and 12" at intermediate joists. Ceiling provides two-hour fire-resistance protection for wood framing.

Approx. Ceiling Weight: 12 pcf
Fire Test: UL R4024, ODNK26545, 4-27-01; UL R4024, ODNK11206, 3-19-03; UL Design L556; ULC Design M514

2 HR. FLOOR / CEILING ASSEMBLY

WIJ-1.5 One-Hour Fire-Resistive Ceiling Assembly
Floor/Ceiling - 100% Design Load - 1 Hour Rating - ASTM E 119 / NFPA 251

2 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. FC 5725 **GENERIC** **2 HOUR FIRE**

WOOD FLOOR, WOOD JOISTS, GYPSUM WALLBOARD, RIGID FURRING CHANNELS

Base layer 1/4" Type X gypsum wallboard applied at right angles to 2 x 8 wood joists 24" o.c. with 1/4" Type W drywall screws 12" o.c. Second layer 1/4" Type X gypsum wallboard applied at right angles to joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. Third layer 1/4" Type X gypsum wallboard applied at right angles to joists with 2" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists over third layer with two 2 1/2" long Type W drywall screws at each joint. Face layer 1/4" Type X gypsum wallboard applied at right angles to furring channels with 1/4" Type S drywall screws 12" o.c. Wood joists supporting 1/4" T & G gable plywood applied at right angles to joists with 8d nails 6" o.c. at joints and 12" at intermediate joists. Ceiling provides two-hour fire-resistance protection for wood framing.

Approx. Ceiling Weight: 12 pcf
Fire Test: UL R4024, ODNK26545, 4-27-01; UL R4024, ODNK11206, 3-19-03; UL Design L556; ULC Design M514

2 HR. FLOOR / CEILING ASSEMBLY

Design No. L563
December 28, 2007
Unrestrained Assembly Rating - 1 Hr
Finish Rating - 25 Min (See Items 5 or 5A)
Load Restricted for Canadian Applications - See Guide B31XZ

1 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. FC 5752 **GENERIC** **2 HOUR FIRE**

WOOD FLOOR, WOOD JOISTS, GYPSUM WALLBOARD, RIGID FURRING CHANNELS

Base layer 1/4" Type X gypsum wallboard applied at right angles to 2 x 8 wood joists 24" o.c. with 1/4" Type W drywall screws 12" o.c. Second layer 1/4" Type X gypsum wallboard applied at right angles to joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. Third layer 1/4" Type X gypsum wallboard applied at right angles to joists with 2" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists over third layer with two 2 1/2" long Type W drywall screws at each joint. Face layer 1/4" Type X gypsum wallboard applied at right angles to furring channels with 1/4" Type S drywall screws 12" o.c. Wood joists supporting 1/4" T & G gable plywood applied at right angles to joists with 8d nails 6" o.c. at joints and 12" at intermediate joists. Ceiling provides two-hour fire-resistance protection for wood framing.

Approx. Ceiling Weight: 12 pcf
Fire Test: UL R4024, ODNK26545, 4-27-01; UL R4024, ODNK11206, 3-19-03; UL Design L556; ULC Design M514

2 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. FC 5752 **PROPRIETARY*** **2 HOUR FIRE**

WOOD TRUSSES, WOOD STRUCTURAL PANELS, GYPSUM FLOOR TOPPING, RESILIENT CHANNELS, GLASS OR MINERAL FIBER BATT OR LOOSE FILL INSULATION, GYPSUM WALLBOARD

Base layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to minimum 12" deep parallel chord wood trusses 24" o.c. with 1/4" Type S drywall screws 12" o.c. Resilient channels 16" o.c. applied at right angles to 1/4" Type S drywall screws to each truss. Second layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient channels with end joints centered on channels with 1 1/2" Type S-12 drywall screws 12" o.c. Face layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1/4" Type S-12 drywall screws 8" o.c. Face layer joints offset 16" from second layer joints. Glass or mineral fiber batt, blanket, or loose-fill insulation applied directly over gypsum wallboard. Wood trusses supporting 1/2" gypsum structural panel subfloor applied at right angles to trusses with construction adhesive and 8d ring shank nails 12" o.c. Minimum 1/2" proprietary gypsum board over subfloor.

Approx. Ceiling Weight: 3 pcf
Fire Test: UL R568, ODNK20716, 8-10-05; UL Design L577

2 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. FC 5752 **PROPRIETARY*** **2 HOUR FIRE**

WOOD TRUSSES, WOOD STRUCTURAL PANELS, GYPSUM FLOOR TOPPING, RESILIENT CHANNELS, GLASS OR MINERAL FIBER BATT OR LOOSE FILL INSULATION, GYPSUM WALLBOARD

Base layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to minimum 12" deep parallel chord wood trusses 24" o.c. with 1/4" Type S drywall screws 12" o.c. Resilient channels 16" o.c. applied at right angles to 1/4" Type S drywall screws to each truss. Second layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient channels with end joints centered on channels with 1 1/2" Type S-12 drywall screws 12" o.c. Face layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1/4" Type S-12 drywall screws 8" o.c. Face layer joints offset 16" from second layer joints. Glass or mineral fiber batt, blanket, or loose-fill insulation applied directly over gypsum wallboard. Wood trusses supporting 1/2" gypsum structural panel subfloor applied at right angles to trusses with construction adhesive and 8d ring shank nails 12" o.c. Minimum 1/2" proprietary gypsum board over subfloor.

Approx. Ceiling Weight: 3 pcf
Fire Test: UL R568, ODNK20716, 8-10-05; UL Design L577

2 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. FC 5752 **PROPRIETARY*** **2 HOUR FIRE**

WOOD TRUSSES, WOOD STRUCTURAL PANELS, GYPSUM FLOOR TOPPING, RESILIENT CHANNELS, GLASS OR MINERAL FIBER BATT OR LOOSE FILL INSULATION, GYPSUM WALLBOARD

Base layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to minimum 12" deep parallel chord wood trusses 24" o.c. with 1/4" Type S drywall screws 12" o.c. Resilient channels 16" o.c. applied at right angles to 1/4" Type S drywall screws to each truss. Second layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient channels with end joints centered on channels with 1 1/2" Type S-12 drywall screws 12" o.c. Face layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1/4" Type S-12 drywall screws 8" o.c. Face layer joints offset 16" from second layer joints. Glass or mineral fiber batt, blanket, or loose-fill insulation applied directly over gypsum wallboard. Wood trusses supporting 1/2" gypsum structural panel subfloor applied at right angles to trusses with construction adhesive and 8d ring shank nails 12" o.c. Minimum 1/2" proprietary gypsum board over subfloor.

Approx. Ceiling Weight: 3 pcf
Fire Test: UL R568, ODNK20716, 8-10-05; UL Design L577

2 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. FC 5752 **PROPRIETARY*** **2 HOUR FIRE**

WOOD TRUSSES, WOOD STRUCTURAL PANELS, GYPSUM FLOOR TOPPING, RESILIENT CHANNELS, GLASS OR MINERAL FIBER BATT OR LOOSE FILL INSULATION, GYPSUM WALLBOARD

Base layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to minimum 12" deep parallel chord wood trusses 24" o.c. with 1/4" Type S drywall screws 12" o.c. Resilient channels 16" o.c. applied at right angles to 1/4" Type S drywall screws to each truss. Second layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient channels with end joints centered on channels with 1 1/2" Type S-12 drywall screws 12" o.c. Face layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1/4" Type S-12 drywall screws 8" o.c. Face layer joints offset 16" from second layer joints. Glass or mineral fiber batt, blanket, or loose-fill insulation applied directly over gypsum wallboard. Wood trusses supporting 1/2" gypsum structural panel subfloor applied at right angles to trusses with construction adhesive and 8d ring shank nails 12" o.c. Minimum 1/2" proprietary gypsum board over subfloor.

Approx. Ceiling Weight: 3 pcf
Fire Test: UL R568, ODNK20716, 8-10-05; UL Design L577

2 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. FC 5752 **PROPRIETARY*** **2 HOUR FIRE**

WOOD TRUSSES, WOOD STRUCTURAL PANELS, GYPSUM FLOOR TOPPING, RESILIENT CHANNELS, GLASS OR MINERAL FIBER BATT OR LOOSE FILL INSULATION, GYPSUM WALLBOARD

Base layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to minimum 12" deep parallel chord wood trusses 24" o.c. with 1/4" Type S drywall screws 12" o.c. Resilient channels 16" o.c. applied at right angles to 1/4" Type S drywall screws to each truss. Second layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient channels with end joints centered on channels with 1 1/2" Type S-12 drywall screws 12" o.c. Face layer 1/4" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1/4" Type S-12 drywall screws 8" o.c. Face layer joints offset 16" from second layer joints. Glass or mineral fiber batt, blanket, or loose-fill insulation applied directly over gypsum wallboard. Wood trusses supporting 1/2" gypsum structural panel subfloor applied at right angles to trusses with construction adhesive and 8d ring shank nails 12" o.c. Minimum 1/2" proprietary gypsum board over subfloor.

Approx. Ceiling Weight: 3 pcf
Fire Test: UL R568, ODNK20716, 8-10-05; UL Design L577

2 HR. FLOOR / CEILING ASSEMBLY

GA FILE NO. BM 1137 **PROPRIETARY*** **1 HOUR FIRE**

STEEL FRAME, GYPSUM WALLBOARD

Base layer 1/4" proprietary type X gypsum wallboard applied to beam cage with 1" Type S-12 drywall screws 12" o.c. Face layer 1/4" proprietary type X gypsum wallboard applied to beam cage with 1/4" Type S-12 drywall screws 12" o.c. Joints offset from base layer joints.

Approx. Ceiling Weight: 3 pcf
Fire Test: UL R1519+133, 7-16-75; Based on UL R3680+7, 8-11-87; UL Design L524

1 HR. BEAM ASSEMBLY

PROPOSED: RED WING RECREATION CENTER
TOWN HOMES BLDG. 8-3
RED WING, MN (651) 388-0000

DEVELOPER: K.B. KELLER/BAIRMAN
K.B. KELLER/BAIRMAN
RECREATION CENTER
TOWN HOMES BLDG. 8-3
RED WING, MN (651) 388-0000

DESIGNER: COLLECTIVE ARCHITECTS LLC
COLLECTIVE ARCHITECTS LLC
1000 Park Avenue South
Suite 100
Saint Cloud, MN 56301
(920) 251-1510
www.collectivearchitects.com

REVISIONS COMMENTS

Project No. 19044
Submitted Date: 1-11-12
Document Set: BID SET

A902

PLOTTED: 11-14-19 FILE: R090818 COM: 4 UPDATE: 4/29/19