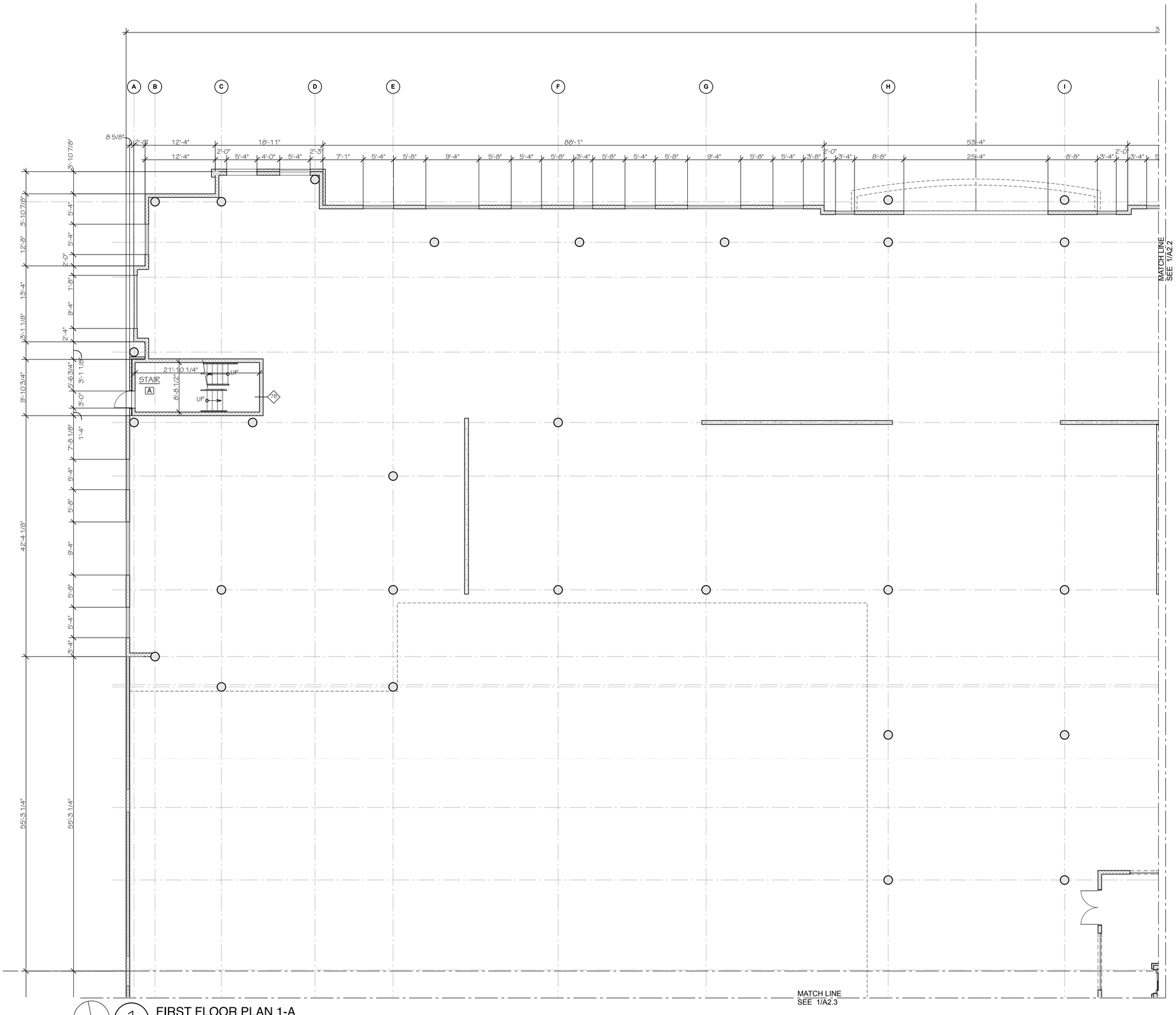
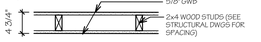


INTERIOR PARTITION TYPES

1 INTERIOR PARTITION
2X4 NON- FIRE RATED

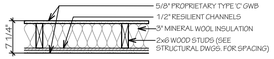


1A INTERIOR PARTITION
2 x 4 WOODS STUDS W/ 3" MINERAL WOOL INSULATION

1B INTERIOR PARTITION
2 x 4 WOODS STUDS ; GWB ONE SIDE ONLY

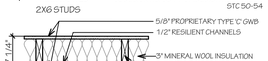
1C INTERIOR PARTITION OR SMOKE PARTITION (STP)**
2 x 6 WOODS STUDS W/ 3"MINERAL WOOL INSULATION

2 1 HOUR FIRE BARRIER
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
2X6 STUDS

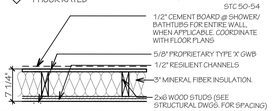


2A 1 HOUR FIRE BARRIER
2 x 6 WOODS STUDS ; NO INSULATION OR RESILIENT CHANNEL

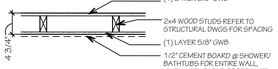
3 1 HOUR FIRE PARTITION OR SMOKE TIGHT PARTITION (STP)**
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
2X6 STUDS



4 PLUMBING PARTITION @ BATH SHOWER
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54



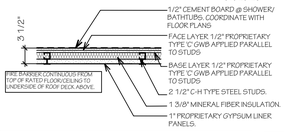
5 PLUMBING PARTITION @ BATH/SHOWER (NON LOAD BEARING)
NON- FIRE RATED



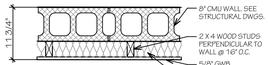
5A PLUMBING PARTITION
SIMILAR TO 5 BUT WITH 2 x 4 WOODS STUDS AND CEMENT BOARD ONE SIDE ONLY

5B PLUMBING PARTITION
SAME AS 5 BUT WITH 2 x 6 WOODS STUDS

6 2 HOUR SHAFT WALL (NON LOAD BEARING)
2 HOUR RATING — UL DESIGN NO. U438, GA.DESIGN NO. WP7095 — STC 45-49



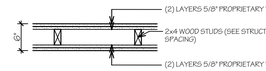
7 RATED CMU WALL W/ FURRING (LOAD BEARING)
2 HOUR RATING — UL DESIGN NO. U905



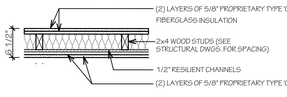
7A RATED CMU WALL WITH FURRING
2 X 4 WOOD STUDS PERPENDICULAR TO WALL @ 16" O.C.
NO INSULATION

7B RATED CMU WALL W/O FURRING (LOAD BEARING)
2 HOUR RATING

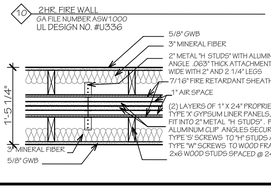
8 INTERIOR PARTITION (LOAD BEARING)
2 HOUR FIRE RATED — UL DESIGN NO. U301



9 2 HOUR FIRE BARRIER
2 HOUR RATED — UL DESIGN NO. U334 — STC 62
2X6 STUDS



10 2HR. FIRE WALL
GA FILE NUMBER: ASW1000
UL DESIGN NO. #U336



Kitchen & Associates Architectural Services, PA
Architecture
Engineering
Planning
Interior Design

Collingswood, NJ
756 Haddon Avenue - 08108
Tel: 856.854.1880

Philadelphia, PA
8 Penn Center
1628 John F Kennedy Blv- 19103
Suite 1600
Tel: 215.985.0111

On the Web
www.kitchenandassociates.com

Date	01/10/12
Job	11211
Drawn	
Revision	Date

11211_composite [bimserv-k2a]

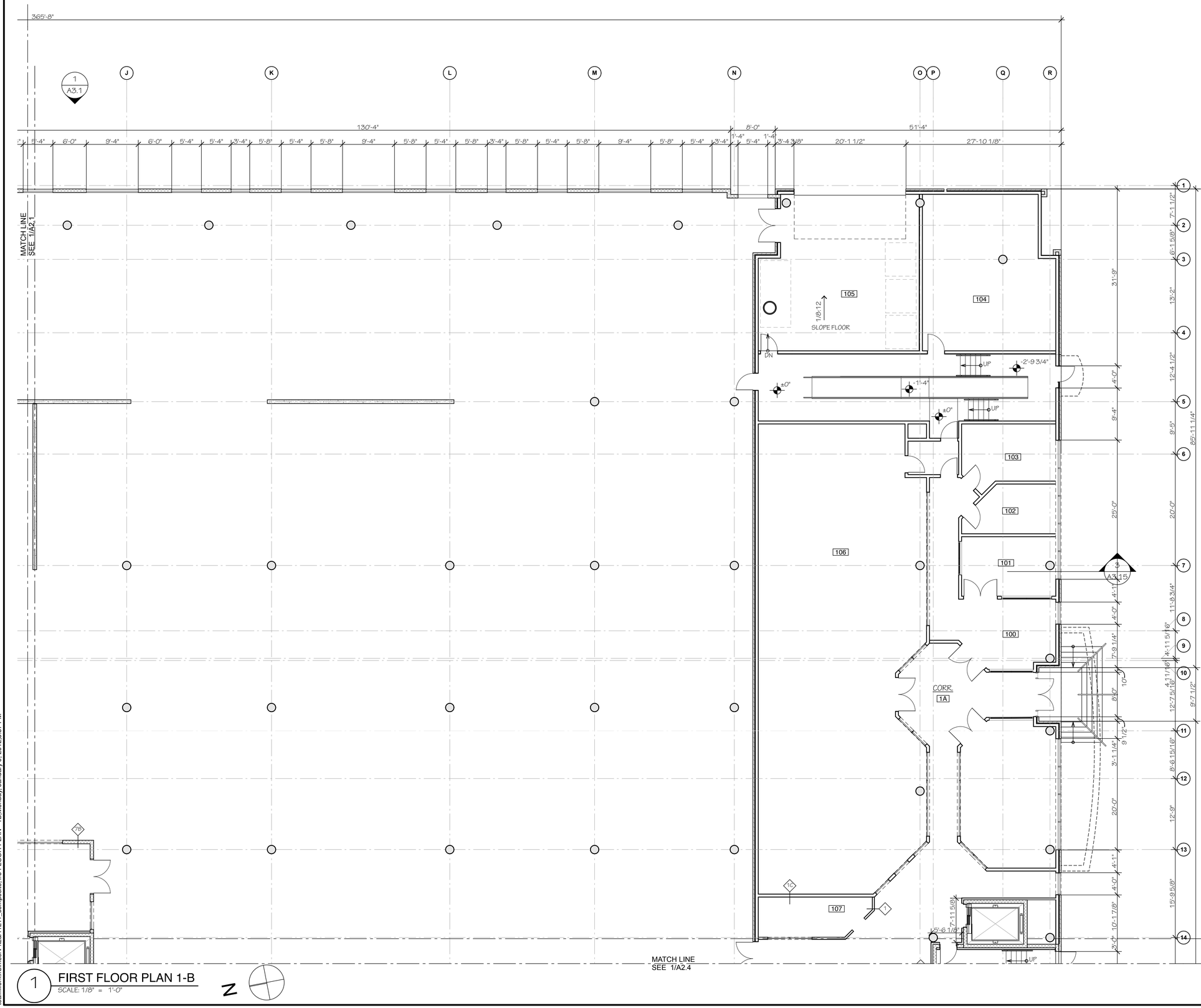
The Michaels ORGANIZATION
Together We Build Communities

01/10/12 - DESIGN REVIEW APPLICATION

RIVER EDGE APARTMENTS
1004 W. Royal Boulevard
Boise, ID 83706

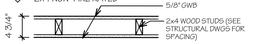
A2.1
1/8 FLOOR PLAN - 1A

teamwork://bimserv-k2a/11211_composite,1/8 FLOOR PLAN - 1A,Monday, January 9, 2012,3:56 PM



INTERIOR PARTITION TYPES

1 INTERIOR PARTITION
2X4 NON- FIRE RATED

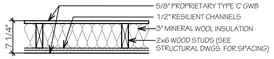


1A INTERIOR PARTITION
2 x 4 WOODS STUDS W/ 3" MINERAL WOOL INSULATION

1B INTERIOR PARTITION
2 x 4 WOODS STUDS ; GWB ONE SIDE ONLY

1C INTERIOR PARTITION OR SMOKE PARTITION (STP)**
2 x 6 WOODS STUDS W/ 3"MINERAL WOOL INSULATION

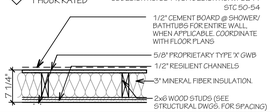
2 1 HOUR FIRE BARRIER
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
2X6 STUDS



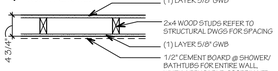
2A 1 HOUR FIRE BARRIER
2 x 6 WOODS STUDS ; NO INSULATION OR RESILIENT CHANNEL

3 1 HOUR FIRE PARTITION OR SMOKE TIGHT PARTITION (STP)**
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
2X6 STUDS

4 PLUMBING PARTITION @ BATH SHOWER
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54



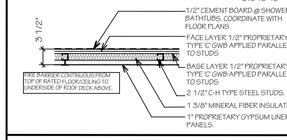
5 PLUMBING PARTITION @ BATH/SHOWER (NON LOAD BEARING)
NON- FIRE RATED



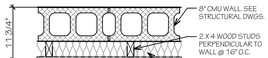
5A PLUMBING PARTITION
SIMILAR TO 5 BUT WITH 2 x 4 WOODS STUDS AND CEMENT BOARD ONE SIDE ONLY

5B PLUMBING PARTITION
SAME AS 5 BUT WITH 2 x 6 WOODS STUDS

6 2 HOUR SHAFT WALL (NON LOAD BEARING)
2 HOUR RATING — UL DESIGN NO. U438, GA.DESIGN NO. WP7095 — STC 45-49



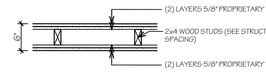
7 RATED CMU WALL W/ FURRING (LOAD BEARING)
2 HOUR RATING — UL DESIGN NO. U905



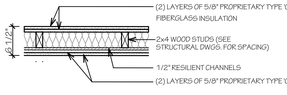
7A RATED CMU WALL WITH FURRING
2 X 4 WOOD STUDS PERPENDICULAR TO WALL @ 16" O.C.
NO INSULATION

7B RATED CMU WALL W/O FURRING (LOAD BEARING)
2 HOUR RATING

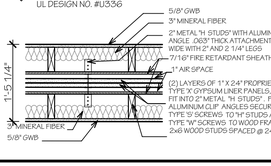
8 INTERIOR PARTITION (LOAD BEARING)
2 HOUR FIRE RATED — UL DESIGN NO. U301



9 2 HOUR FIRE BARRIER
2 HOUR RATED — UL DESIGN NO. U334 — STC 62
2X6 STUDS



10 2HR. FIRE WALL
GA FILE NUMBER: ASW1000
UL DESIGN NO. #U336



Kitchen & Associates Architectural Services, PA
Architecture
Engineering
Planning
Interior Design

Collingswood, NJ
756 Haddon Avenue - 08108
Tel: 856.854.1880

Philadelphia, PA
8 Penn Center
1628 John F Kennedy Blv- 19103
Suite 1600
Tel: 215.985.0111

On the Web
www.kitchenandassociates.com

Date	01/10/12
Job	11211
Drawn	
Revision	Date

11211_composite [bimserv-k2a]

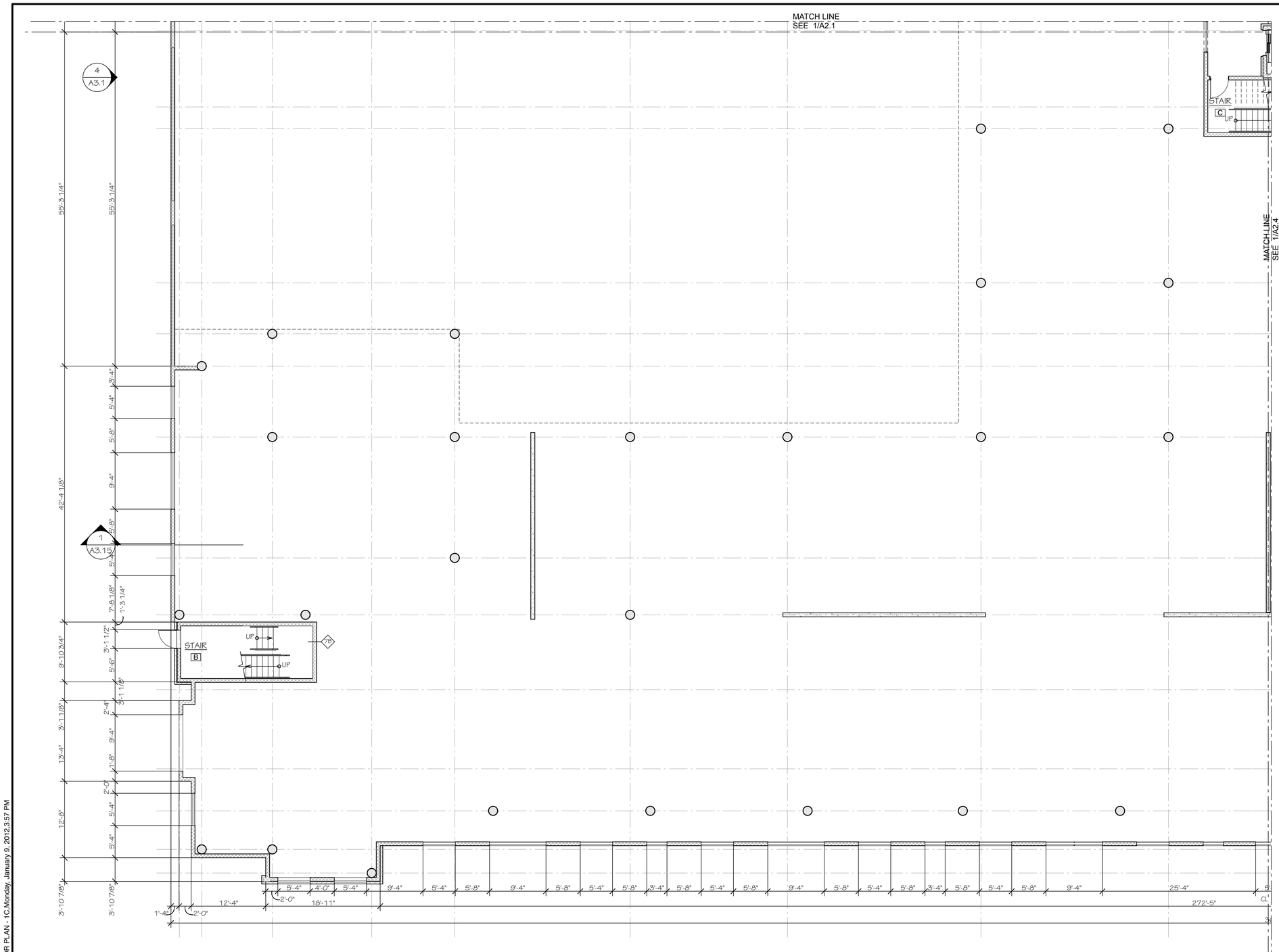
The Michaels Organization
Together We Build Communities

01/10/12 - DESIGN REVIEW APPLICATION

RIVER EDGE APARTMENTS
1004 W. Royal Boulevard
Boise, ID 83706

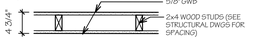
A2.2
1/8 FLOOR PLAN - 1B

teamwork://bimserv-k2a/11211_composite,1/8 FLOOR PLAN - 1B,Monday, January 9, 2012,3:57 PM



INTERIOR PARTITION TYPES

1 INTERIOR PARTITION
2X4 NON- FIRE RATED

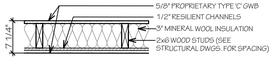


1A INTERIOR PARTITION
2 x 4 WOODS STUDS W/ 3" MINERAL WOOL INSULATION

1B INTERIOR PARTITION
2 x 4 WOODS STUDS ; GWB ONE SIDE ONLY

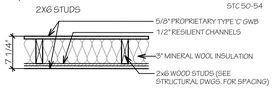
1C INTERIOR PARTITION OR SMOKE PARTITION (STP)**
2 x 6 WOODS STUDS W/ 3"MINERAL WOOL INSULATION

2 1 HOUR FIRE BARRIER
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
2X6 STUDS

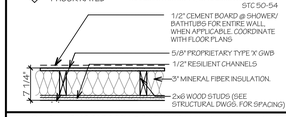


2A 1 HOUR FIRE BARRIER
2 x 6 WOODS STUDS ; NO INSULATION OR RESILIENT CHANNEL

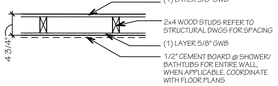
3 1 HOUR FIRE PARTITION OR SMOKE TIGHT PARTITION (STP)**
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
2X6 STUDS



4 PLUMBING PARTITION @ BATH SHOWER
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54



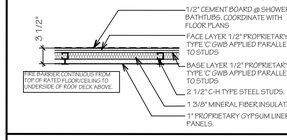
5 PLUMBING PARTITION @ BATH/SHOWER (NON LOAD BEARING)
NON- FIRE RATED



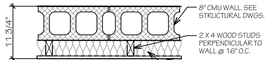
5A PLUMBING PARTITION
SIMILAR TO 5 BUT WITH 2 x 4 WOODS STUDS AND CEMENT BOARD ONE SIDE ONLY

5B PLUMBING PARTITION
SAME AS 5 BUT WITH 2 x 6 WOODS STUDS

6 2 HOUR SHAFT WALL (NON LOAD BEARING)
2 HOUR RATING — UL DESIGN NO. U438, GA.DESIGN NO. WP7095 — STC 45-49



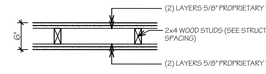
7 RATED CMU WALL W/ FURRING (LOAD BEARING)
2 HOUR RATING — UL DESIGN NO. U905



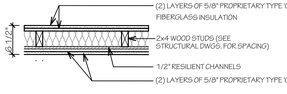
7A RATED CMU WALL WITH FURRING
2 X 4 WOOD STUDS PERPENDICULAR TO WALL @ 16" O.C.
NO INSULATION

7B RATED CMU WALL W/O FURRING (LOAD BEARING)
2 HOUR RATING

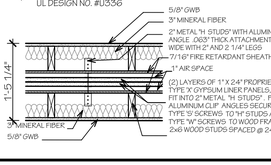
8 INTERIOR PARTITION (LOAD BEARING)
2 HOUR FIRE RATED — UL DESIGN NO. U301



9 2 HOUR FIRE BARRIER
2 HOUR RATED — UL DESIGN NO. U334 — STC 62
2X6 STUDS



10 2HR. FIRE WALL
GA FILE NUMBER: ASW1000
UL DESIGN NO. #U336



N

1 FIRST FLOOR PLAN 1-C
SCALE: 1/8" = 1'-0"

Kitchen & Associates Architectural Services, PA
Architecture
Engineering
Planning
Interior Design

Collingswood, NJ
756 Haddon Avenue - 08108
Tel: 856.854.1880

Philadelphia, PA
8 Penn Center
1628 John F Kennedy Blv- 19103
Suite 1600
Tel: 215.985.0111

On the Web
www.kitchenandassociates.com

Date	01/10/12
Job	11211
Drawn	
Revision	Date

11211_composite [bimserv-k2a]

The Michaels Organization
Together We Build Communities

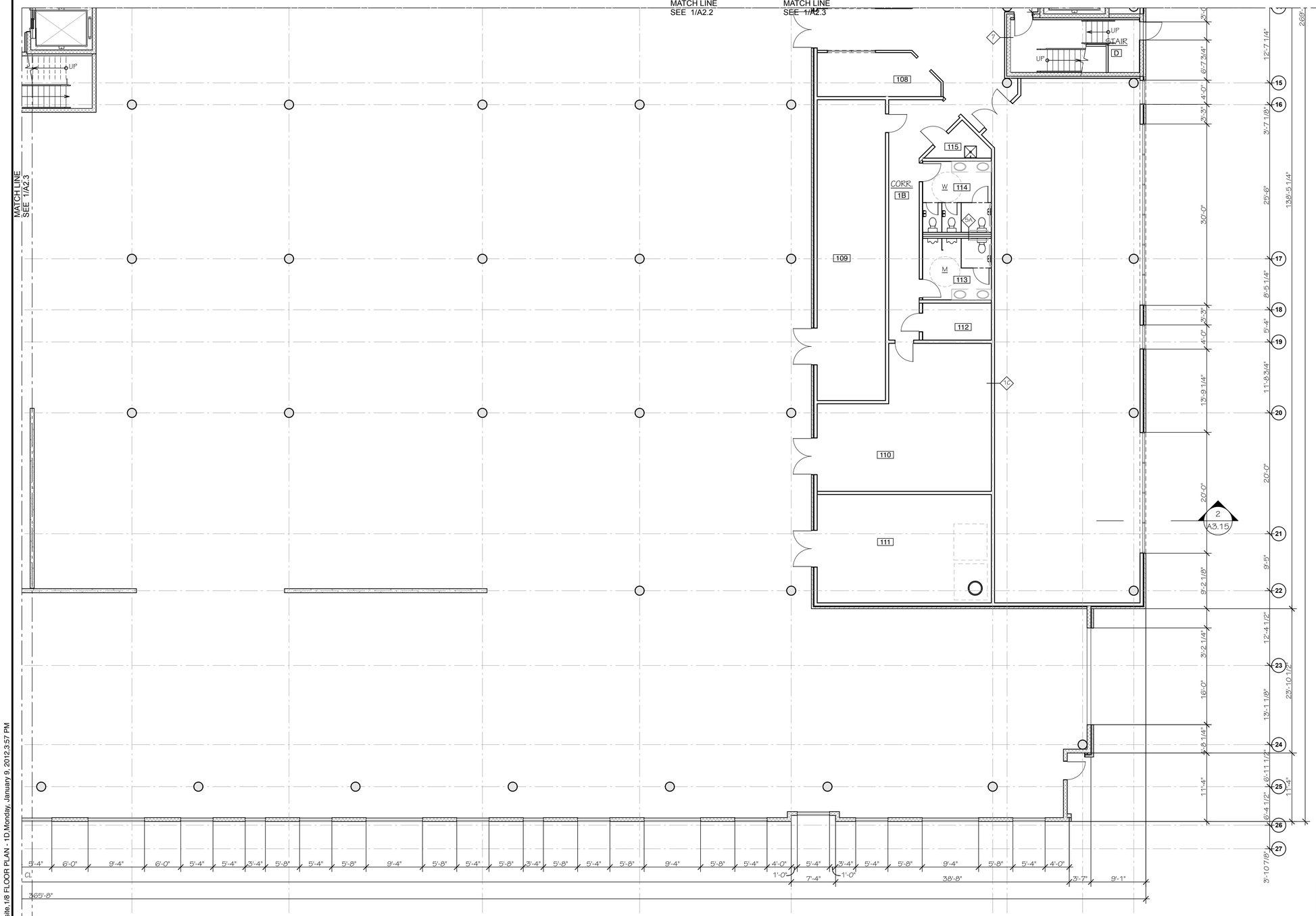
01/10/12 - DESIGN REVIEW APPLICATION

RIVER EDGE APARTMENTS
1004 W. Royal Boulevard
Boise, ID 83706

A2.3

1/8 FLOOR PLAN - 1C

teamwork://bimserv-k2a/11211_composite,1/8 FLOOR PLAN - 1C,Monday, January 9, 2012,3:57 PM



1 FIRST FLOOR PLAN 1-D
SCALE: 1/8" = 1'-0"

N

INTERIOR PARTITION TYPES

1 INTERIOR PARTITION
2X4 NON- FIRE RATED
5/8" GWB
2x4 WOOD STUDS (SEE STRUCTURAL DWGS FOR SPACING)
4 3/4"

1A INTERIOR PARTITION
2 x 4 WOODS STUDS W/ 3" MINERAL WOOL INSULATION

1B INTERIOR PARTITION
2 x 4 WOODS STUDS ; GWB ONE SIDE ONLY

1C INTERIOR PARTITION OR SMOKE PARTITION (STP)**
2 x 6 WOODS STUDS W/ 3"MINERAL WOOL INSULATION

2 1 HOUR FIRE BARRIER
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
2X6 STUDS
5/8" PROPRIETARY TYPE 'C' GWB
1/2" RESILIENT CHANNELS
3" MINERAL WOOL INSULATION
2x6 WOOD STUDS (SEE STRUCTURAL DWGS. FOR SPACING)
7 1/4"

2A 1 HOUR FIRE BARRIER
2 x 6 WOODS STUDS ; NO INSULATION OR RESILIENT CHANNEL

3 1 HOUR FIRE PARTITION OR SMOKE TIGHT PARTITION (STP)**
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
2X6 STUDS
5/8" PROPRIETARY TYPE 'C' GWB
1/2" RESILIENT CHANNELS
3" MINERAL WOOL INSULATION
2x6 WOOD STUDS (SEE STRUCTURAL DWGS. FOR SPACING)
7 1/4"

4 PLUMBING PARTITION @ BATH SHOWER
1 HOUR RATED — UL DESIGN NO. U311, GA.DESIGN NO. WP3241 — STC 50-54
1/2" CEMENT BOARD @ SHOWER/ BATHTUBS FOR ENTIRE WALL, WHEN APPLICABLE. COORDINATE WITH FLOOR PLANS
5/8" PROPRIETARY TYPE 'X' GWB
1/2" RESILIENT CHANNELS
3" MINERAL FIBER INSULATION.
2x6 WOOD STUDS (SEE STRUCTURAL DWGS. FOR SPACING)
7 1/4"

5 PLUMBING PARTITION @ BATH/SHOWER (NON LOAD BEARING)
NON- FIRE RATED
(1) LAYER 5/8" GWB
2x4 WOOD STUDS REFER TO STRUCTURAL DWGS FOR SPACING
(1) LAYER 5/8" GWB
1/2" CEMENT BOARD @ SHOWER/ BATHTUBS FOR ENTIRE WALL, WHEN APPLICABLE. COORDINATE WITH FLOOR PLANS
4 3/4"

5A PLUMBING PARTITION
SIMILAR TO 5 BUT WITH 2 x 4 WOODS STUDS AND CEMENT BOARD ONE SIDE ONLY

5B PLUMBING PARTITION
SAME AS 5 BUT WITH 2 x 6 WOODS STUDS

6 2 HOUR SHAFT WALL (NON LOAD BEARING)
2 HOUR RATING — UL DESIGN NO. U438, GA DESIGN NO. WP7095 — STC 45-49
1/2" CEMENT BOARD @ SHOWER/ BATHTUBS, COORDINATE WITH FLOOR PLANS
FACE LAYER 1/2" PROPRIETARY TYPE 'C' GWB APPLIED PARALLEL TO STUDS
BASE LAYER 1/2" PROPRIETARY TYPE 'C' GWB APPLIED PARALLEL TO STUDS
2 1/2" C-H TYPE STEEL STUDS.
1 3/8" MINERAL FIBER INSULATION.
1" PROPRIETARY GYPSUM LINER PANELS.
3 1/2"
VAPOR BARRIER CONTINUOUS FROM TOP OF RATED FLOOR/CEILING TO UNDERSIDE OF ROOF DECK ABOVE.

7 RATED CMU WALL W/ FURRING (LOAD BEARING)
2 HOUR RATING — UL DESIGN NO. U905
8" CMU WALL SEE STRUCTURAL DWGS.
2 X 4 WOOD STUDS PERPENDICULAR TO WALL @ 16" O.C.
5/8" GWB
3" SOUND ATTENUATION FIRE BLANKETS
11 3/4"

7A RATED CMU WALL WITH FURRING
2 X 4 WOOD STUDS PERPENDICULAR TO WALL @ 16" O.C.
NO INSULATION

7B RATED CMU WALL W/O FURRING (LOAD BEARING)
2 HOUR RATING

8 INTERIOR PARTITION (LOAD BEARING)
2 HOUR FIRE RATED — UL DESIGN NO. U301
(2) LAYERS 5/8" PROPRIETARY TYPE 'X' GWB
2x4 WOOD STUDS (SEE STRUCTURAL DWGS FOR SPACING)
(2) LAYERS 5/8" PROPRIETARY TYPE 'X' GWB
6"

9 2 HOUR FIRE BARRIER
2 HOUR RATED — UL DESIGN NO. U334 — STC 62
2X6 STUDS
(2) LAYERS OF 5/8" PROPRIETARY TYPE 'C' GWB FIBERGLASS INSULATION
2x4 WOOD STUDS (SEE STRUCTURAL DWGS. FOR SPACING)
1/2" RESILIENT CHANNELS
(2) LAYERS OF 5/8" PROPRIETARY TYPE 'C' GWB
6 1/2"

10 2HR. FIRE WALL
GA FILE NUMBER:ASW1000
UL DESIGN NO. #U336
5/8" GWB
3" MINERAL FIBER
2" METAL "H STUDS" WITH ALUMINUM ANGLE .063" THICK ATTACHMENT CLIPS, 2" WIDE WITH 2" AND 2 1/4" LEGS
7/16" FIRE RETARDANT SHEATHING
1" AIR SPACE
(2) LAYERS OF 1" X 24" PROPRIETARY TYPE 'X' GYPSUM LINER PANELS, FRICTION FIT INTO 2" METAL "H STUDS". PROVIDE ALUMINUM CLIP ANGLES SECURED WITH TYPE 'S' SCREWS TO "H" STUDS AND WITH TYPE "W" SCREWS TO WOOD FRAMING.
2x6 WOOD STUDS SPACED @ 24" MAX. O.C.
1'-5 1/4"
3" MINERAL FIBER
5/8" GWB

Kitchen & Associates Architectural Services, PA
Architecture
Engineering
Planning
Interior Design

Collingswood, NJ
756 Haddon Avenue - 08108
Tel: 856.854.1880

Philadelphia, PA
8 Penn Center
1628 John F Kennedy Blv- 19103
Suite 1600
Tel: 215.985.0111

On the Web
www.kitchenandassociates.com

Date	01/10/12
Job	11211
Drawn	
Revision	Date

11211_composite [bimserv-k2a]

The Michaels ORGANIZATION
Together We Build Communities.

01/10/12 - DESIGN REVIEW APPLICATION

RIVER EDGE APARTMENTS
1004 W. Royal Boulevard
Boise, ID 83706

A2.4
1/8 FLOOR PLAN - 1D

teamwork://bimserv-k2a/11211_composite.1/8 FLOOR PLAN - 1D.Monday, January 9, 2012,3:57 PM