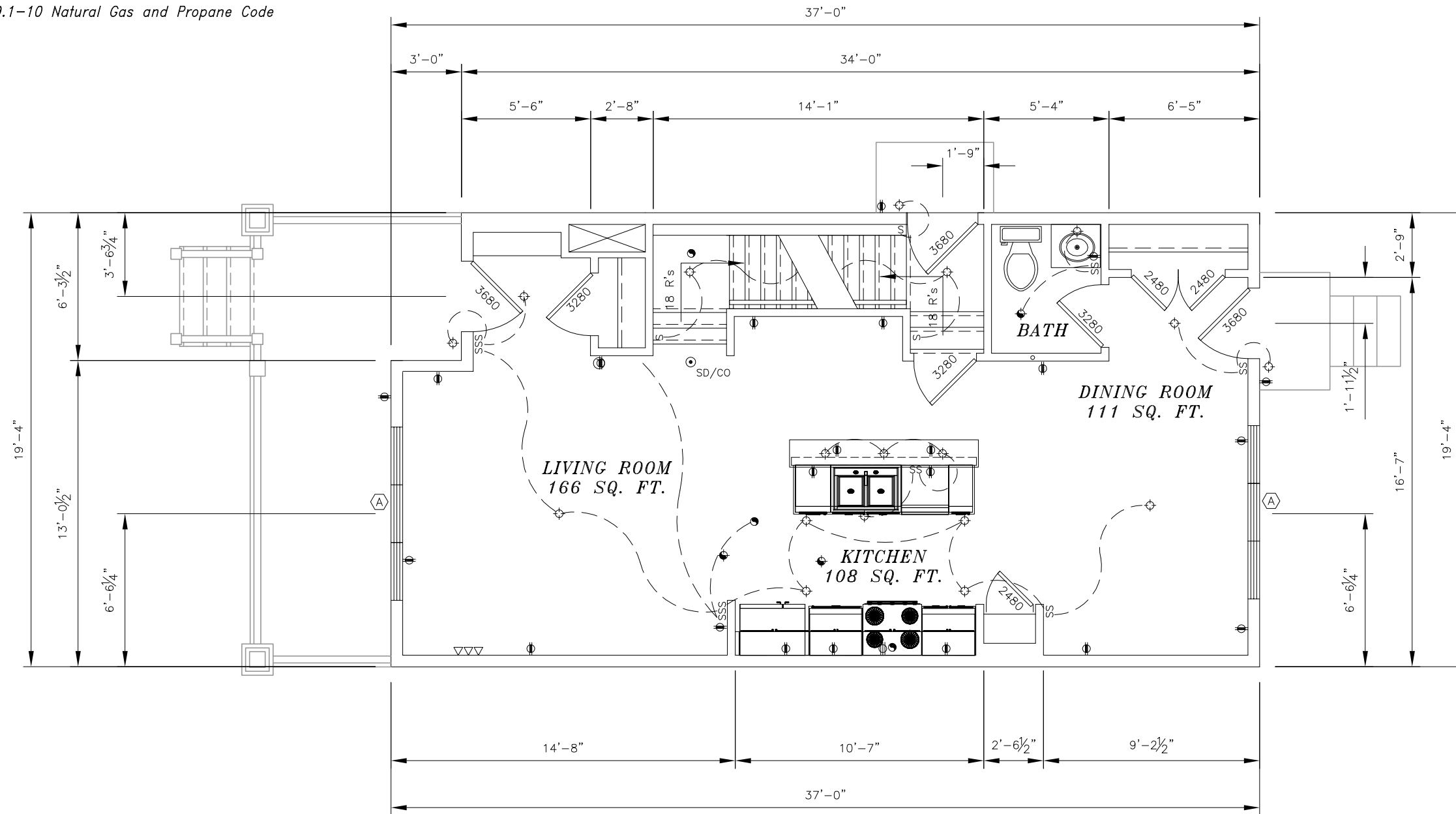


PROVINCE  
Saskatchewan

CODE  
National Building Code of Canada 2010  
National Plumbing Code of Canada 2010  
C22.1-12 Canadian Electrical Code, Part 1  
CAN/CSA-B149.1-10 Natural Gas and Propane Code



NOTE:

- ALL BATH, KITCHEN, EXTERIOR, AND DINING ROOM RECEPES ARE 20 AMP
- ALL CIRCUITS NOT GFI PROTECTED SHALL BE PROTECTED BY ARC FAULT BREAKERS
- ALL BEDROOM RECEPES/LIGHTS SHALL BE PROTECTED BY ARC-FAULT BREAKERS
- ALL SMOKE ALARMS SHALL BE SUPPLIED FROM A LIGHTING CIRCUIT, OR FROM A CIRCUIT THAT SUPPLIES A MIX OF LIGHTING AND RECEPES
- SWITCHES LOCATED IN BATHROOM SHALL BE NOT LESS THAN 1 METER FROM A BATHTUB OR SHOWER OR IF NOT PRACTICAL, BE LOCATED NOT LESS THAN 500 MM (20") FROM A BATHTUB OR SHOWER AND BE GFCI PROTECTED

NOTE:

- TUB SHALL HAVE INTEGRAL TILING FLANGE OR A SPACE MUST BE MAINTAINED FOR SEALING BETWEEN PLATFORM & BASE
- ACCESS FOR TUB/WHIRLPOOL DRAIN AND MOTOR IS REQUIRED
- EXHAUST DUCTS WITHIN A HEATED SPACE MUST BE INSULATED FOR A DISTANCE OF THREE FROM THE DUCT OUTLET OR WHERE PIPE IS EXPOSED IN UNHEATED SPACE (IBC MODS ONLY)
- LIGHT REQUIRED IN ATTIC @ SCUTTLE (IOWA MODS ONLY)

- ☒ -WARM AIR REGISTER
- ☒ -COLD AIR RETURN
- ☐ -AIR TO AIR EXCHANGE LOCATION (IBC MODS ONLY)
- ⊖ -ELECTRICAL PANEL
- ⊖ -20 AMP RECEP
- ⊖ -15 AMP RECEP
- ⊖ -SMOKE DETECTOR
- ⊖ -LIGHTED FAN
- ⊖ -FAN
- ⊖ -LIGHT



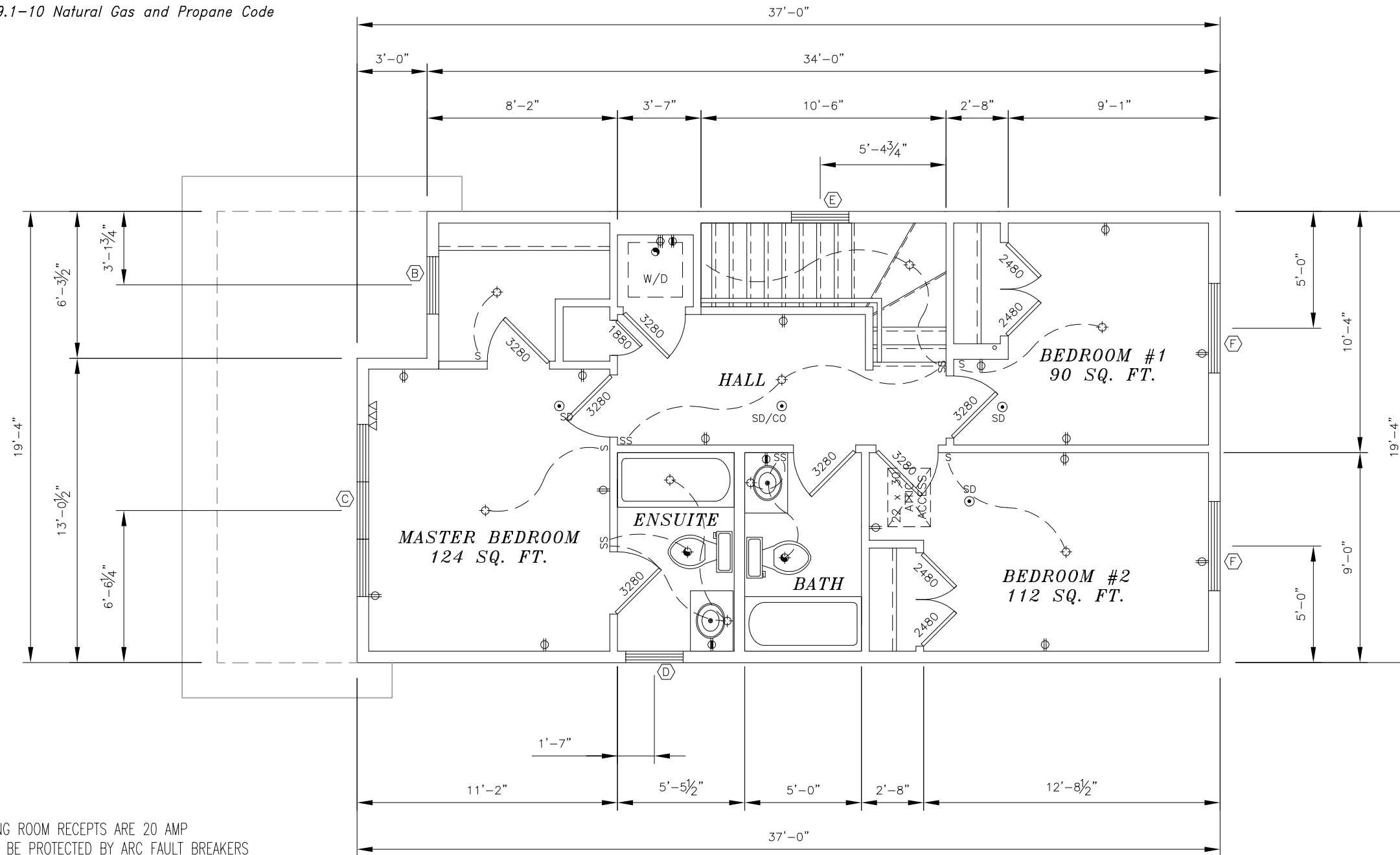
**CHAMPION**  
CHAMPION HOME BUILDERS, INC

1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: MAIN LEVEL FLOOR PLAN		MODEL NO.: K37-#1
DRWN BY:	DATE: JAN 28, 2014	REV. 2/21/14
REFERENCE:	JULY 30, 2014	SHEET: A-2.1
		SIZE: 20' x 37'-0"

PROVINCE  
Saskatchewan

CODE  
National Building Code of Canada 2010  
National Plumbing Code of Canada 2010  
C22.1-12 Canadian Electrical Code, Part 1  
CAN/CSA-B149.1-10 Natural Gas and Propane Code



NOTE:

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- ALL SMOKE ALARMS SHALL BE SUPPLIED FROM A LIGHTING CIRCUIT, OR FROM A CIRCUIT THAT SUPPLIES A MIX OF LIGHTING AND RECEPES
- SWITCHES LOCATED IN BATHROOM SHALL BE NOT LESS THAN 1 METER FROM A BATHTUB OR SHOWER OR IF NOT PRACTICAL, BE LOCATED NOT LESS THAN 500 MM (20") FROM A BATHTUB OR SHOWER AND BE GFCI PROTECTED

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- LIGHT REQUIRED IN ATTIC @ SCUTTLE (IOWA MODS ONLY)

- ◻ -WARM AIR REGISTER
- ◻ -COLD AIR RETURN
- ◻ -AIR TO AIR EXCHANGE LOCATION (IBC MODS ONLY)
- ⬛ -ELECTRICAL PANEL
- ⊕ -20 AMP RECEPT
- ⊕ -15 AMP RECEPT
- ⊙ -SMOKE DETECTOR
- ⊙ -LIGHTED FAN
- -FAN
- ⊕ -LIGHT



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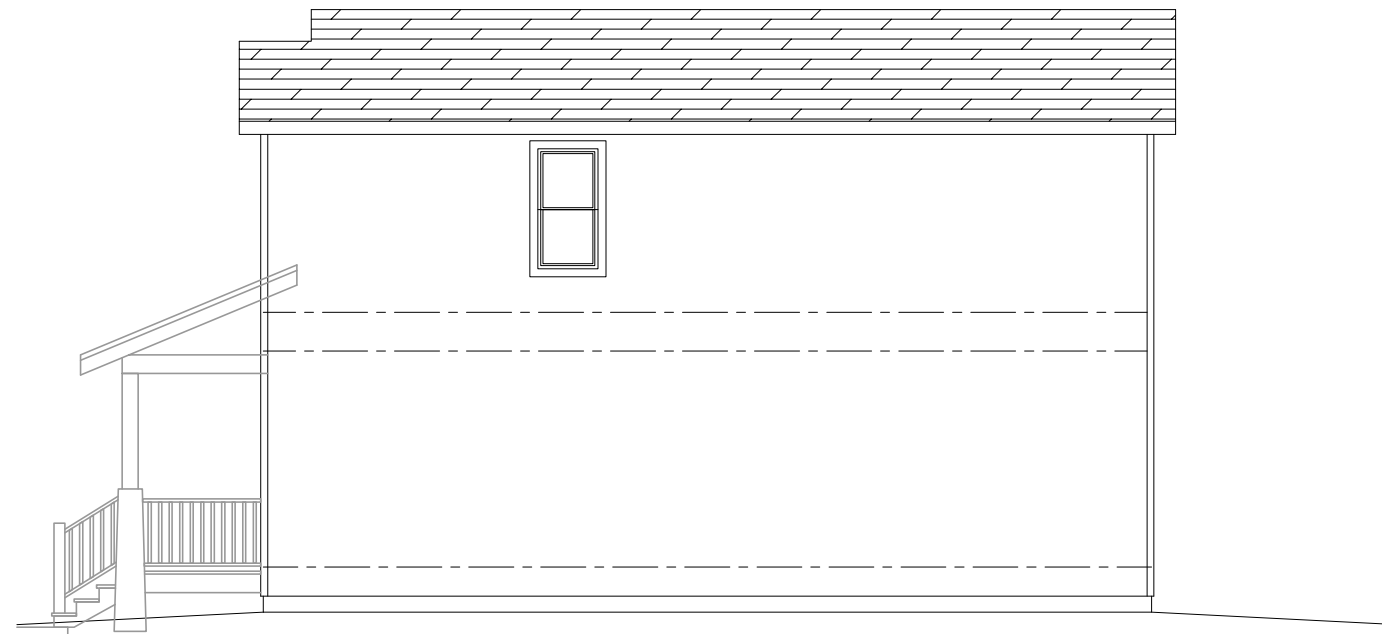
TITLE: UPPER LEVEL FLOOR PLAN		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: JAN 28, 2014	REV. 2/21/14
REFERENCE:	JULY 30, 2014	SHEET: A-2.2
		SIZE: 20' x 37'-0"

PROVINCE  
Saskatchewan

CODE  
National Building Code of Canada 2010  
National Plumbing Code of Canada 2010  
C22.1-12 Canadian Electrical Code, Part 1  
CAN/CSA-B149.1-10 Natural Gas and Propane Code



FRONT ELEVATION



LEFT ELEVATION

**NOTE:**

- ENTRY DECK, ENTRY STAIRS, AND ENTRY ROOF SHALL BE DESIGN / BUILD BY OTHERS

**NOTE:**

- GUARD RAILS ARE TO BE PROVIDED AT ANY LANDING/STAIR WHICH ARE MORE THAN 24 INCHES ABOVE GRADE. HEIGHT OF THE GUARD RAIL SHALL NOT BE LESS THE 36". OPEN GUARDRAILS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTERN SUCH THAT A SPHERE 4 INCHES IN DIAMETER CANNOT PASS THROUGH.
- STAIRS HAVING MORE THAN 2 RISERS ARE REQUIRED TO HAVE HANDRAILS.
- THERE SHALL BE A LANDING AT THE TOP AND BOTTOM OF EACH STAIR. EVERY LANDING SHALL HAVE A DIMENSION MEASURED IN THE DIRECTION OF TRAVEL NOT LESS THAN THE WIDTH OF THE STAIR. SUCH DIMENSION NEED NOT EXCEED 36 INCHES WHERE THE STAIR HAS A STRAIGHT RUN.



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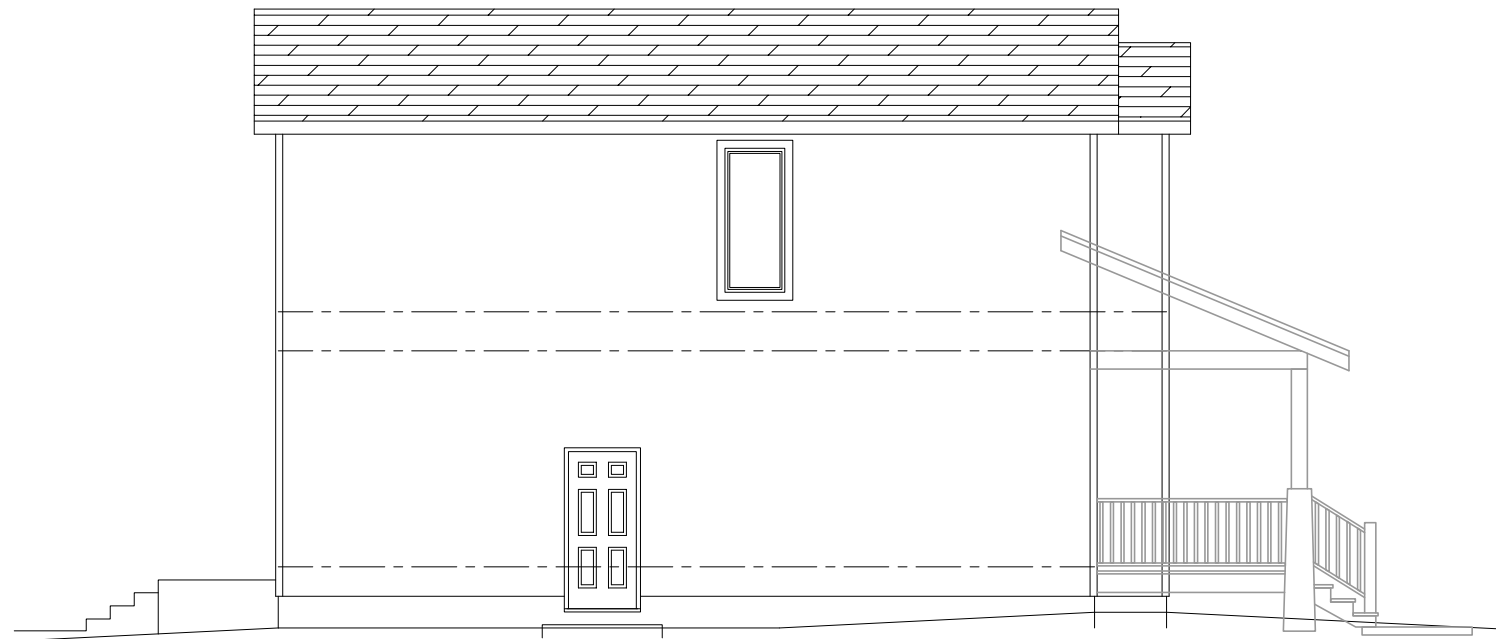
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DRWN BY: KHG	DATE: JAN 28, 2014	REV. 2/15/14 SHEET: A-3.1
REFERENCE:	JULY 30, 2014	SIZE: 20' x 37'-0"

PROVINCE  
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REAR ELEVATION



RIGHT ELEVATION

**NOTE:**

- ENTRY DECK, ENTRY STAIRS, AND ENTRY ROOF SHALL BE DESIGN / BUILD BY OTHERS

**NOTE:**

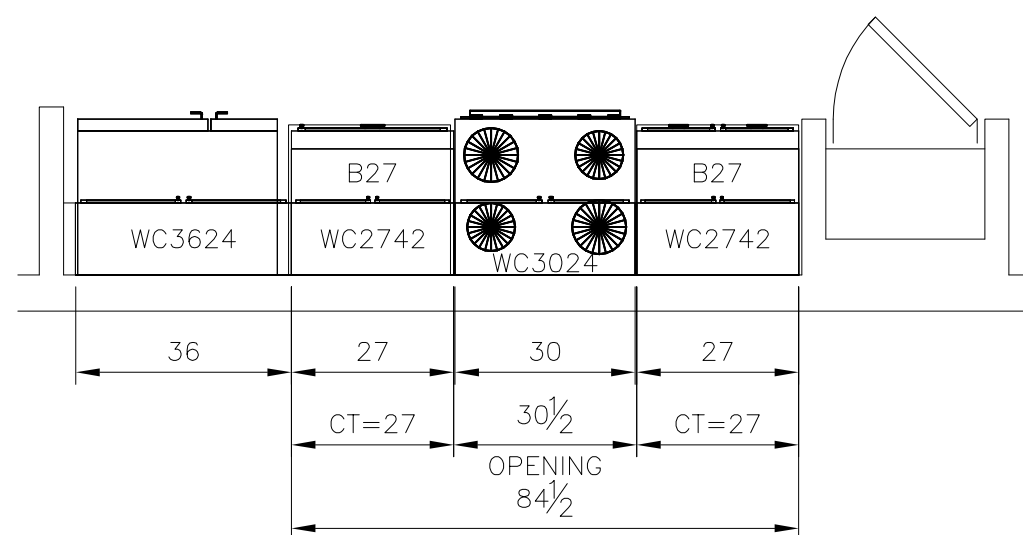
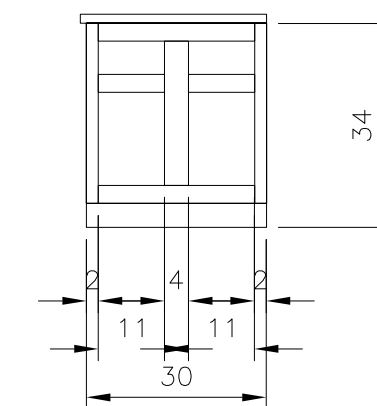
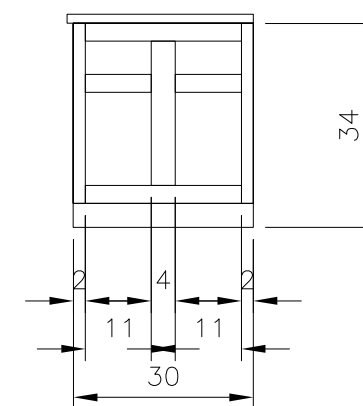
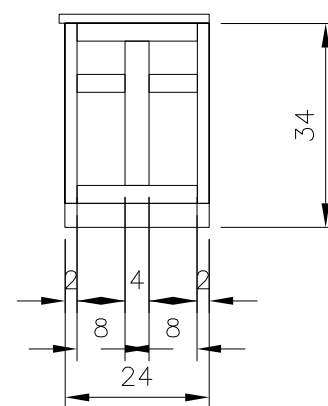
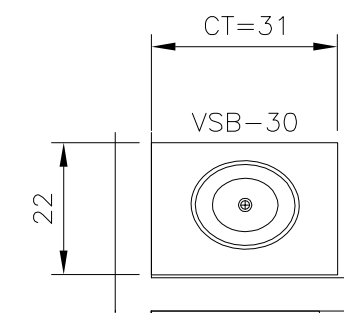
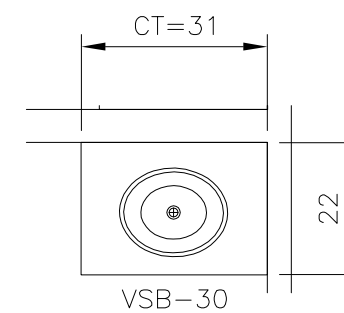
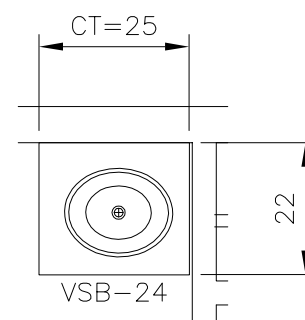
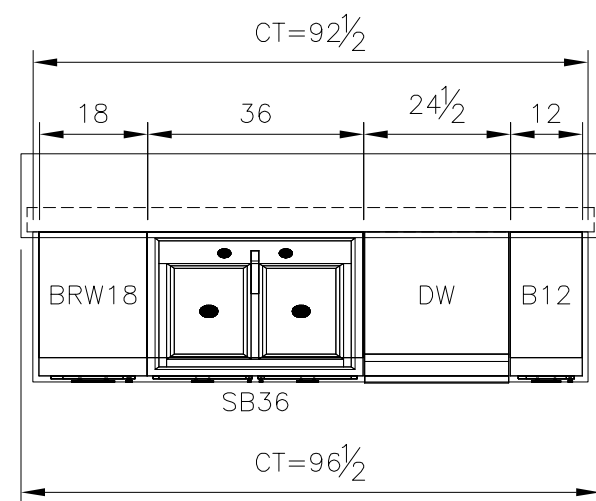
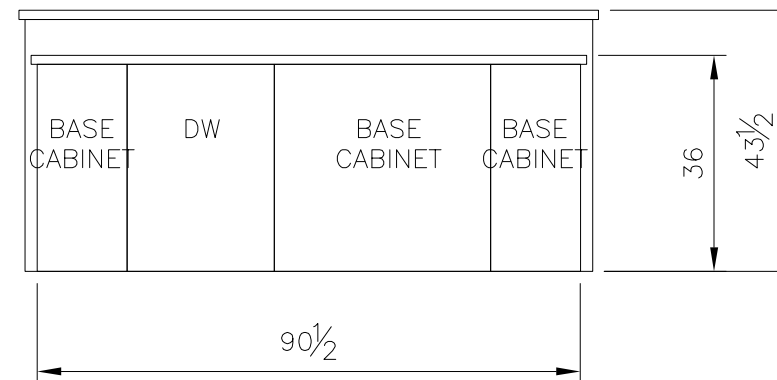
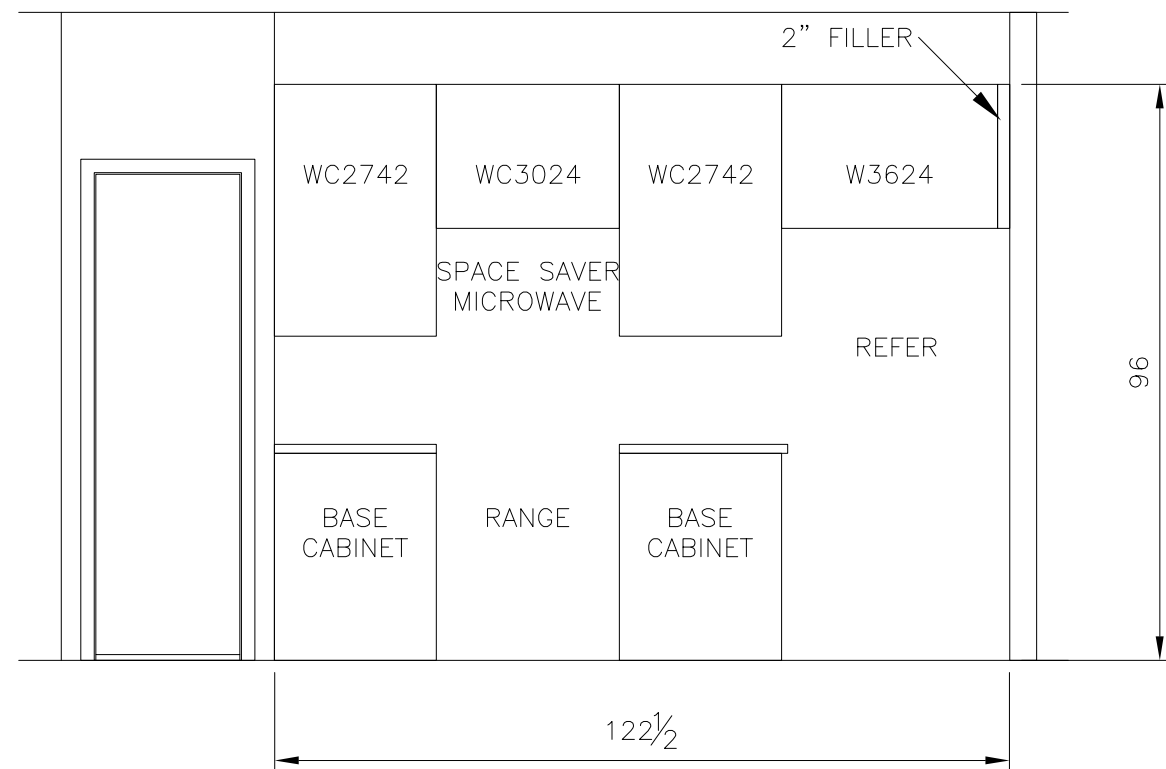
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CHAMPION HOME BUILDERS, INC

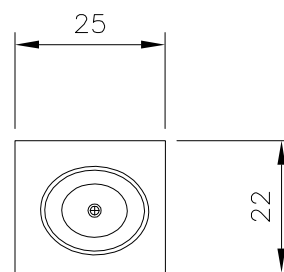
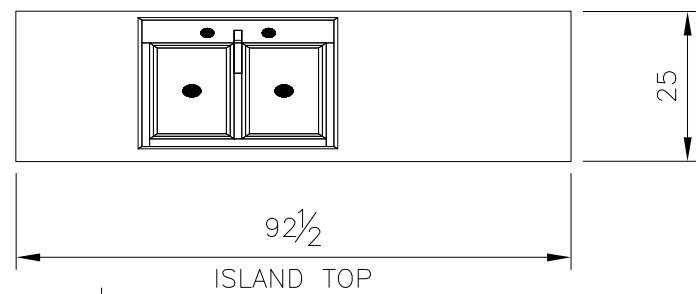
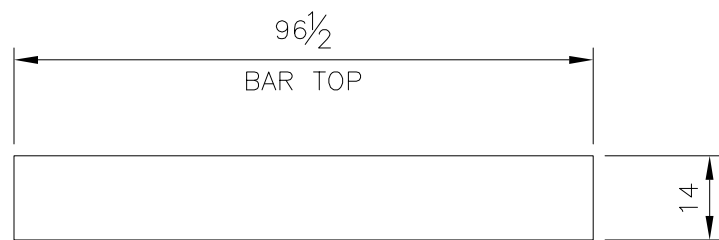
1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: ELEVATIONS	MODEL NO.: K37-#1
DRWN BY: KHG	DATE: JAN 28, 2014
REV. 2/15/14	SHEET: A-3.2
REFERENCE: JULY 30, 2014	SIZE: 20' x 37'-0"

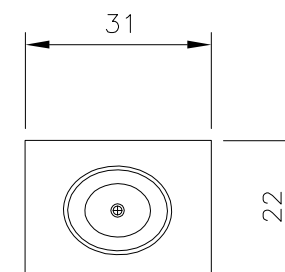


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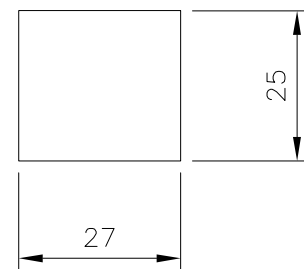
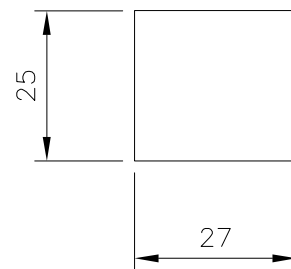
TITLE: CABINET DETAILS			MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 14, 2014	REV. 2/21/14	SHEET: A-5.1
REFERENCE: JULY 30, 2014			SIZE: 20' x 37'-0"



MAIN LEVEL BATH



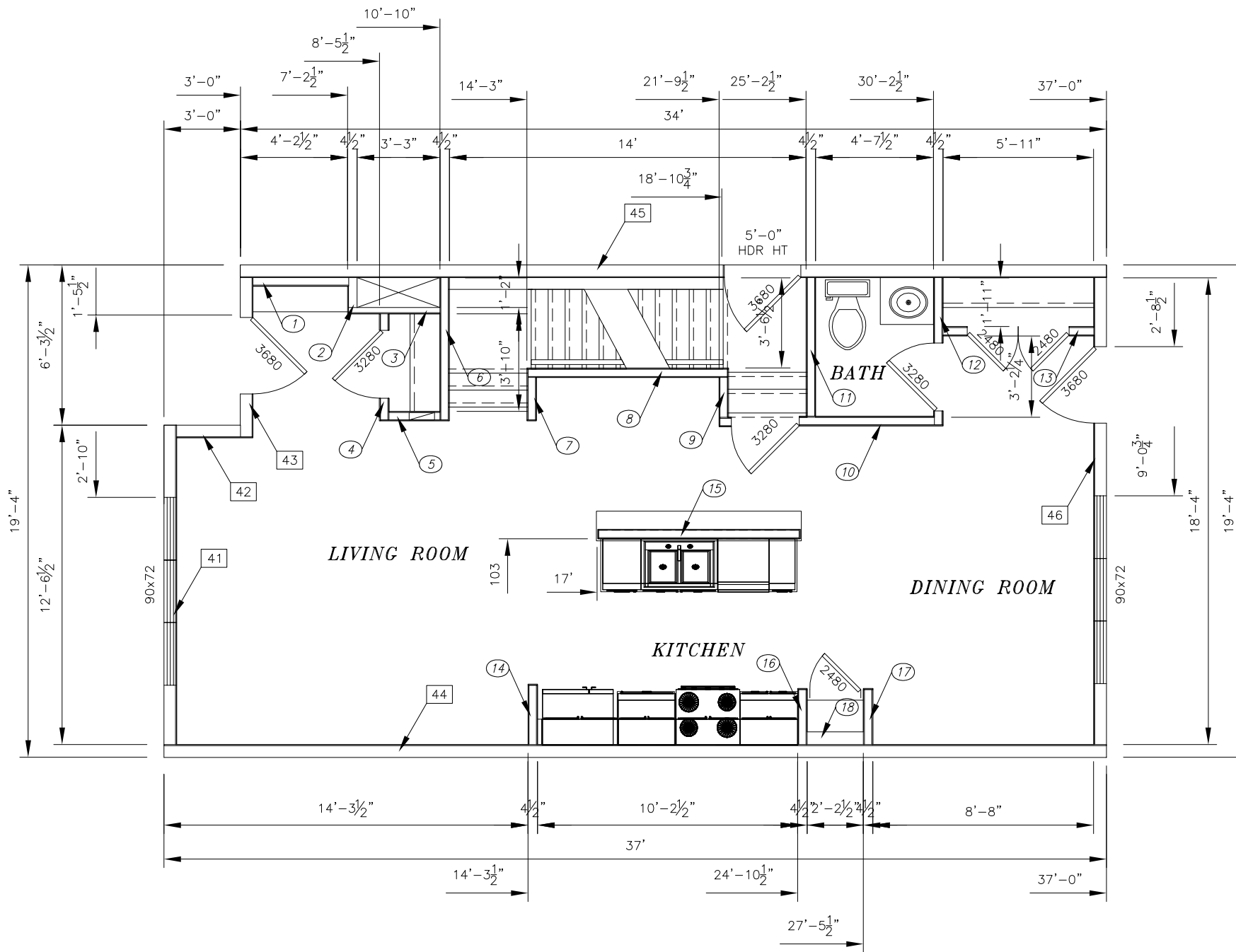
UPPER LEVEL BATH  
(2) REQUIRED






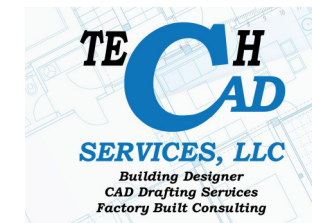
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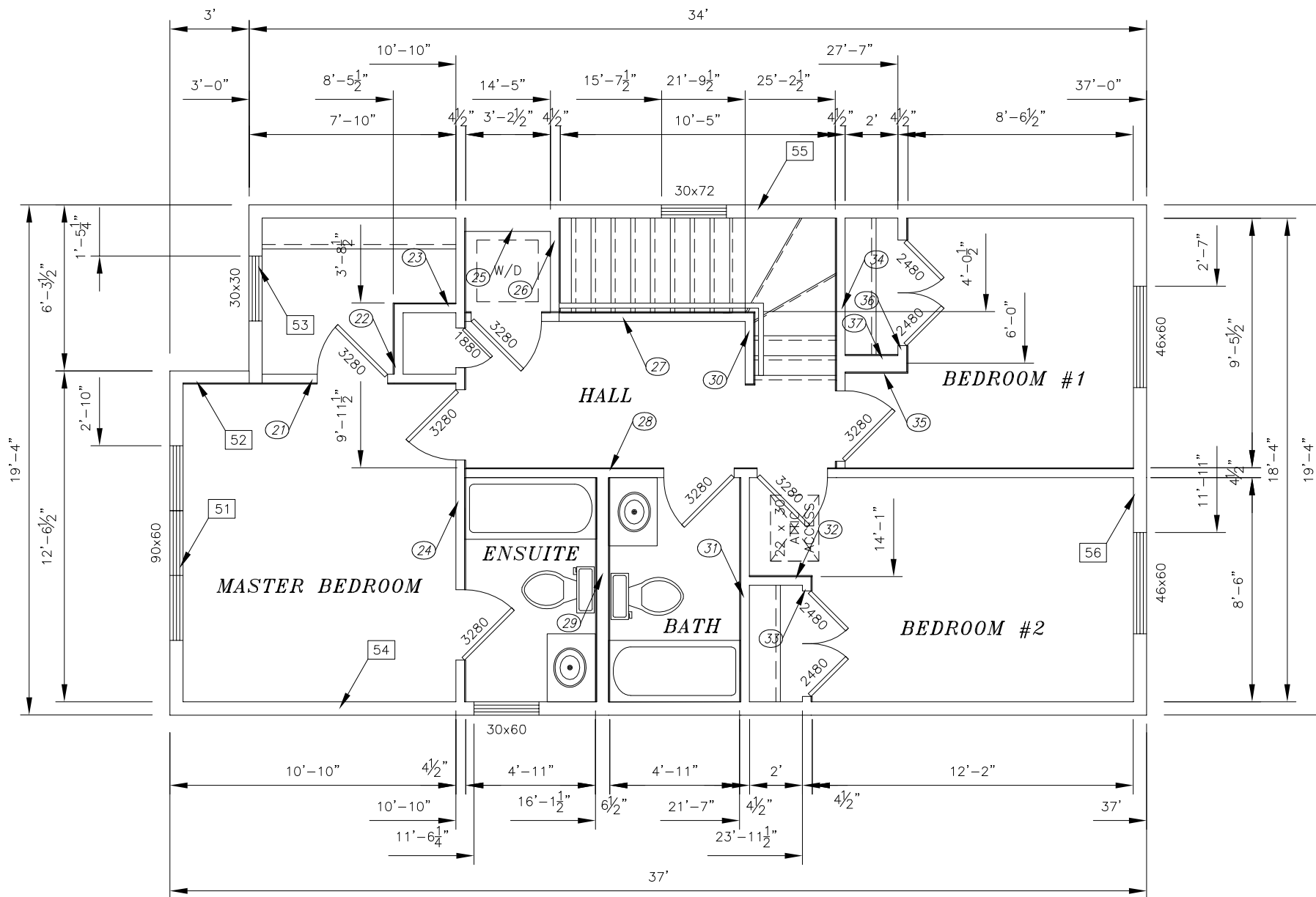
TITLE: GRANITE TOP DETAILS		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 22, 2014	REV.
REFERENCE:	JULY 30, 2014	SHEET: A-5.2
		SIZE: 20' x 37'-0"






-  - WARM AIR REGISTER
-  - COLD AIR RETURN
-  - AIR TO AIR EXCHANGE LOCATION (IBC MODS ONLY)



<b>CHAMPION</b> CHAMPION HOME BUILDERS, INC		1660 Rowe Avenue P.O. Box 427 Worthington, MN. 56187 (507) 376-9460	
		TITLE: MAIN LEVEL WALL LAYOUT MODEL NO.: K37-#1	
DRWN BY: KHG	DATE: FEB 15, 2014	REV. 2/17/14	SHEET:
REFERENCE: AUG 3, 2014		SIZE: 20' x 37'-0"	



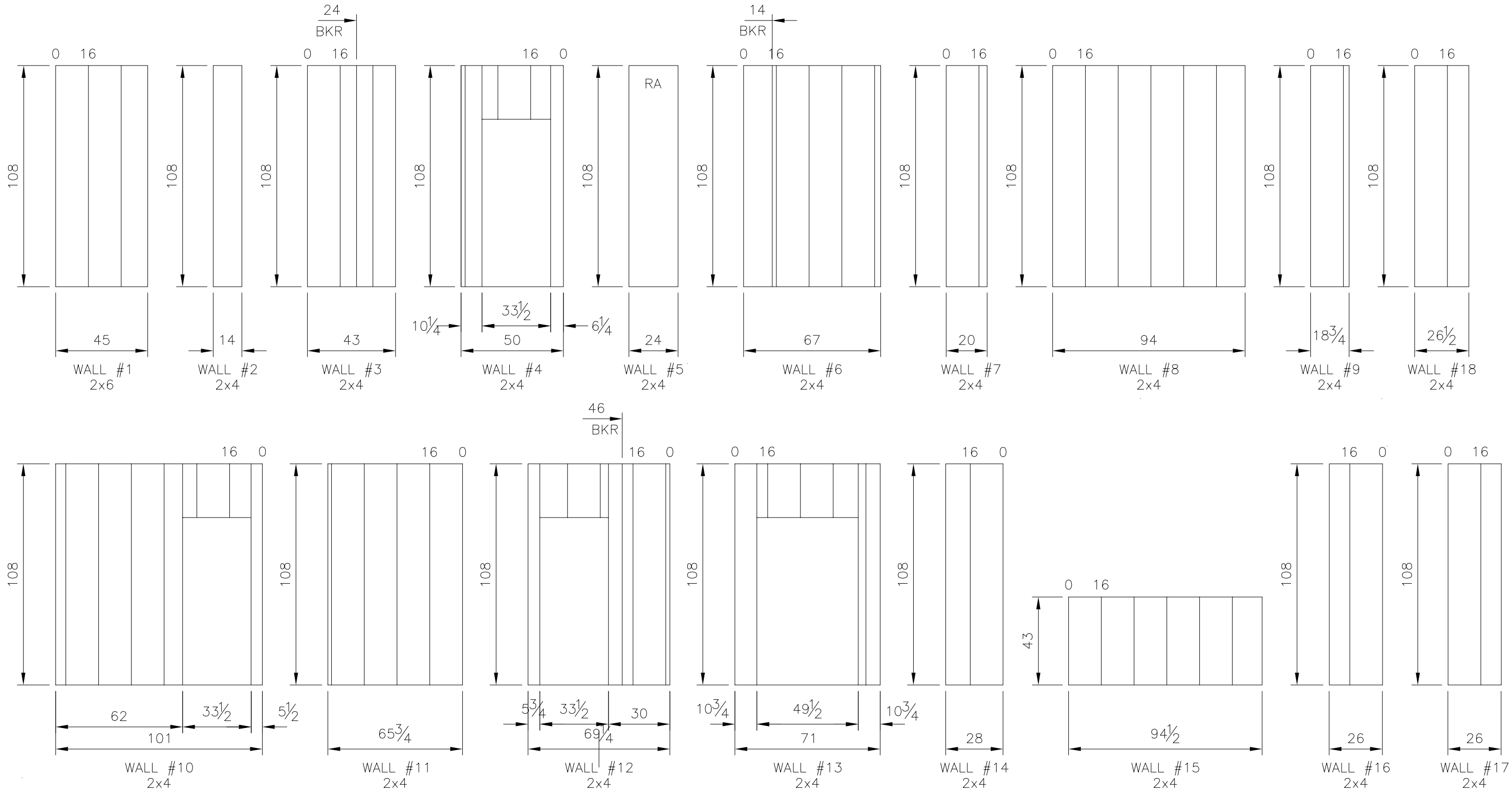
-  - WARM AIR REGISTER
-  - COLD AIR RETURN
-  - AIR TO AIR EXCHANGE LOCATION (IBC MODS ONLY)



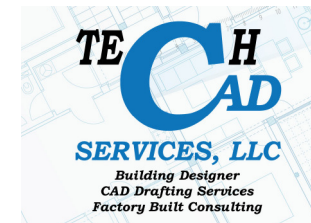
1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: UPPER LEVEL WALL LAYOUT		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 15, 2014	REV. 2/21/14
REFERENCE:	AUG 3, 2014	SHEET: SIZE: 20' x 37'-0"

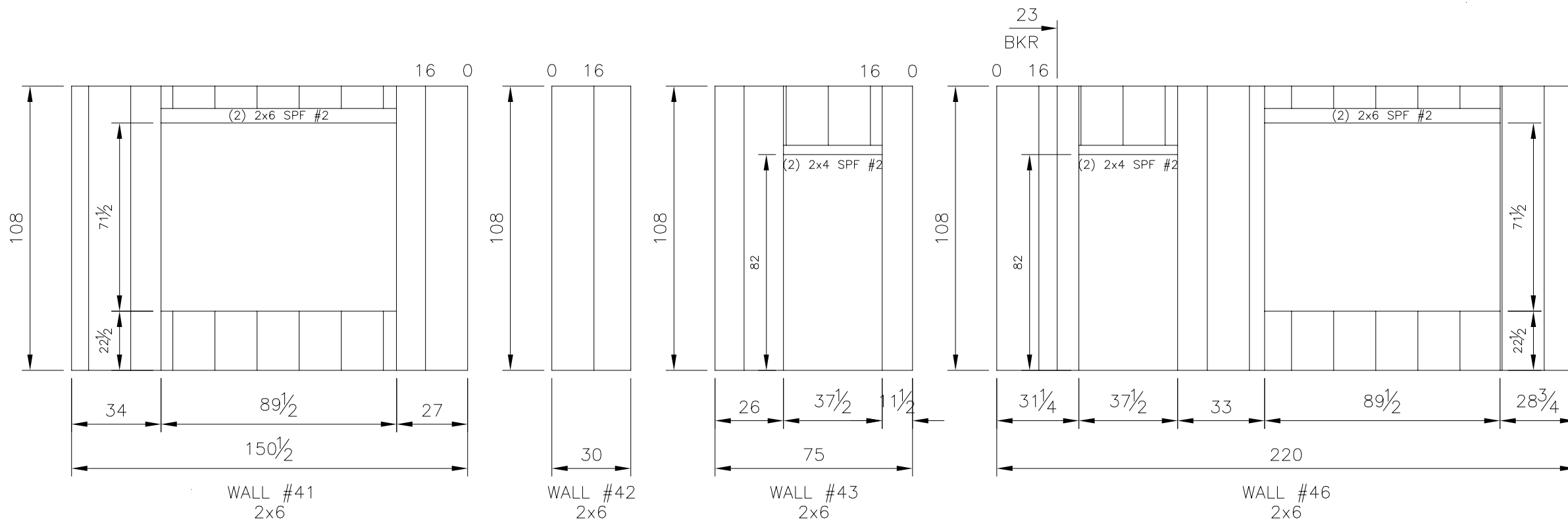
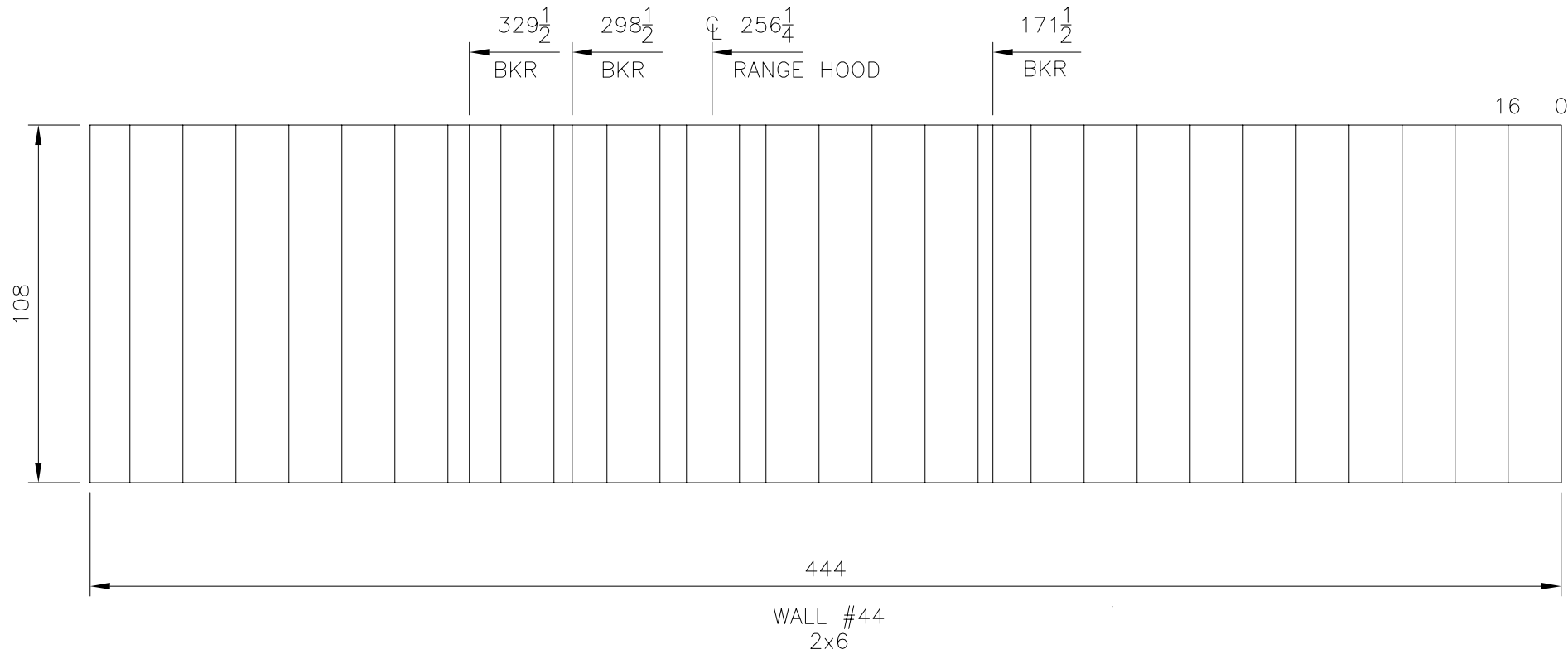




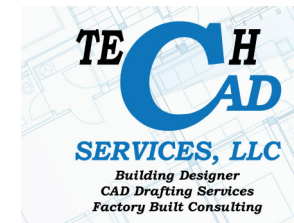
AS BUILTS MAR 27, 2014



<b>CHAMPION</b> CHAMPION HOME BUILDERS, INC			1660 Rowe Avenue P.O. Box 427 Worthington, MN. 56187 (507) 376-9460
TITLE: MAIN FLOOR WALL FRAMING		MODEL NO.: K37-#1	
DRWN BY: KHG	DATE: FEB 15, 2014	REV. 2/21/14	SHEET:
REFERENCE: AUG 3, 2014			SIZE: 20' x 37'-0"



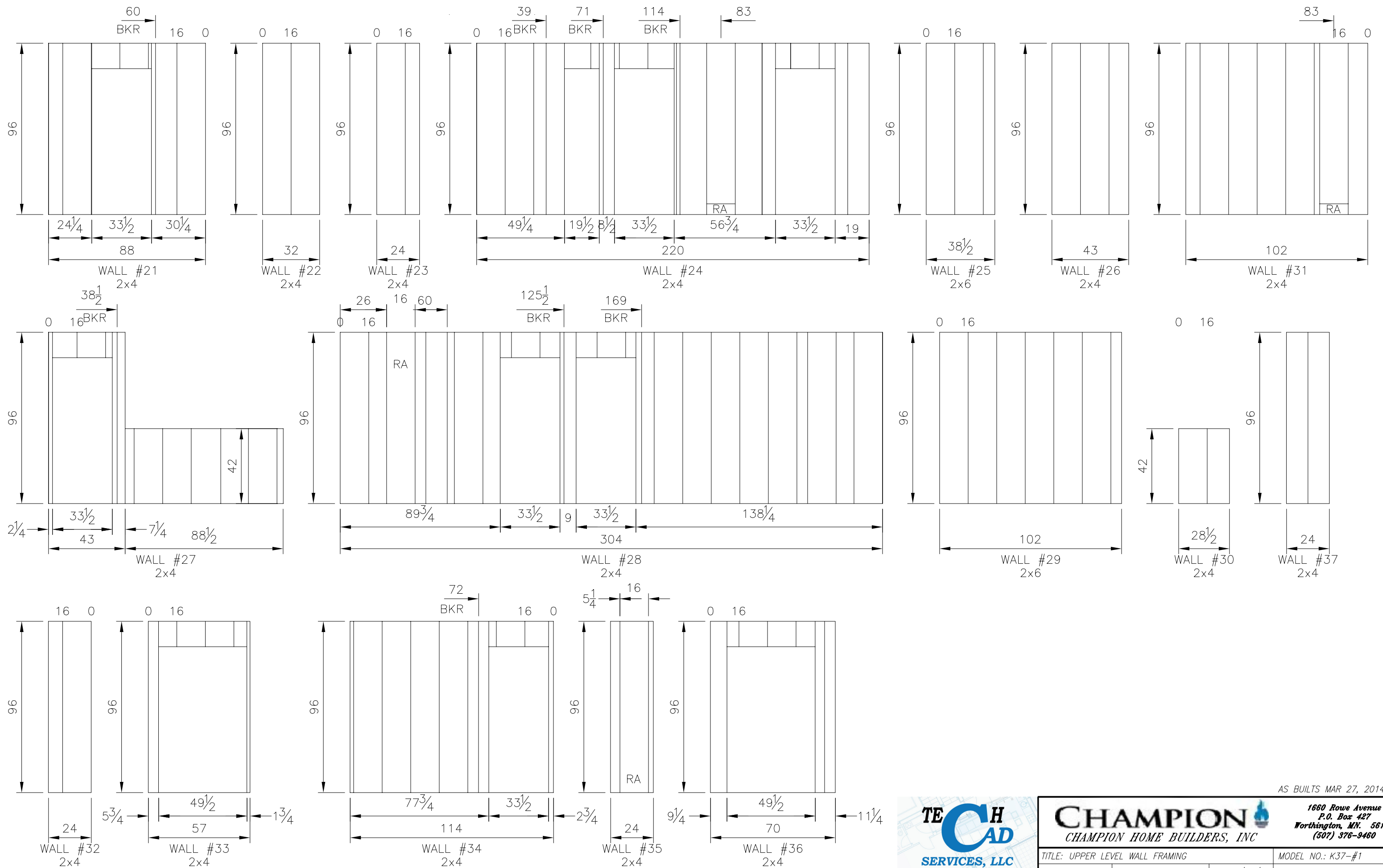
AS BUILTS MAR 27, 2014



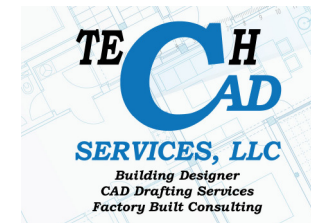
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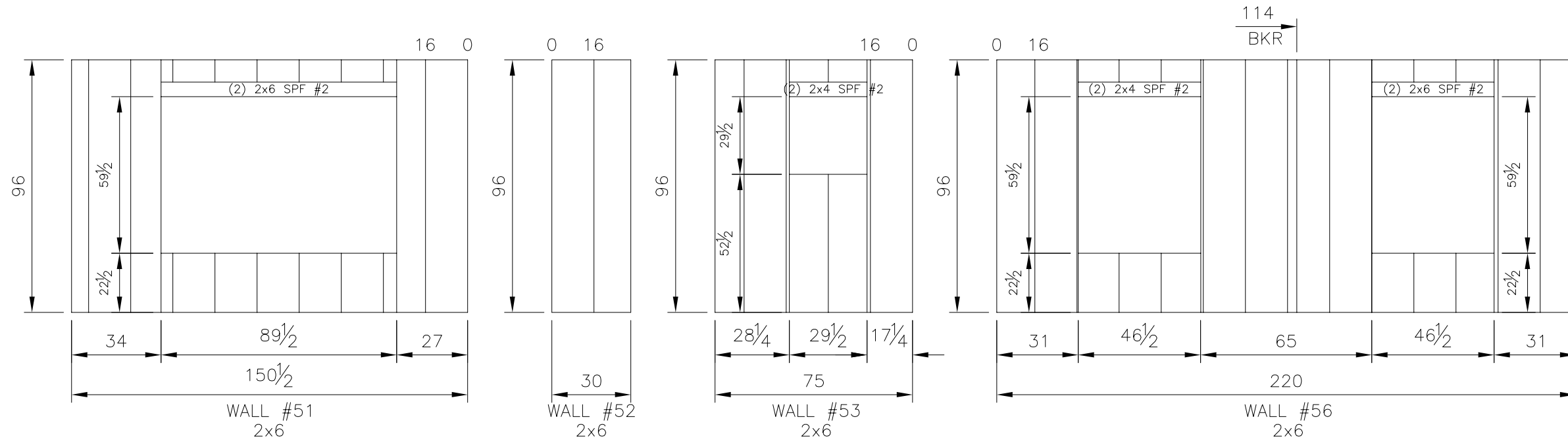
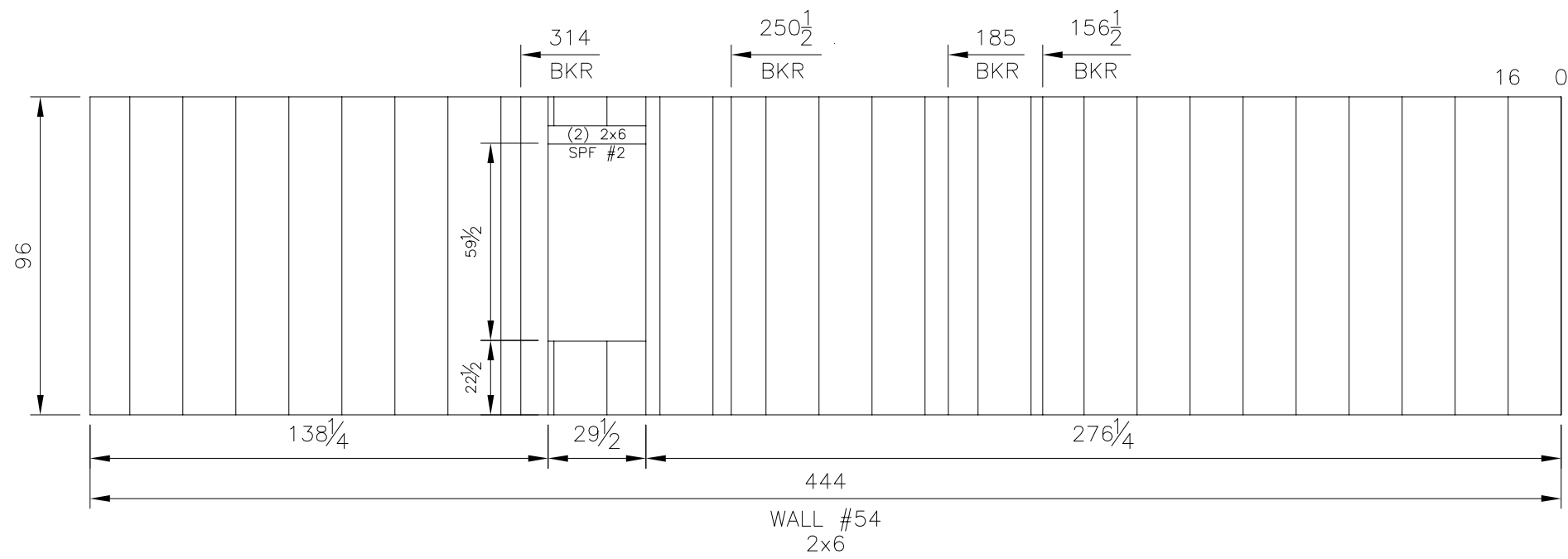
TITLE: MAIN FLOOR EXTERIOR WALL FRAMING		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: MAR 21, 2014	REV.
REFERENCE:	AUG 3, 2014	SHEET:
		SIZE: 20' x 37'-0"



AS BUILTS MAR 27, 2014



<b>CHAMPION</b> CHAMPION HOME BUILDERS, INC			1660 Rowe Avenue P.O. Box 427 Worthington, MN. 56187 (507) 376-9460
TITLE: UPPER LEVEL WALL FRAMING		MODEL NO.: K37-#1	
DRWN BY: KHG	DATE: FEB 15, 2014	REV. 2/21/14	SHEET:
REFERENCE: AUG 3, 2014		SIZE: 20' x 37'-0"	



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1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: UPPER LEVEL EXTERIOR WALL FRAMING

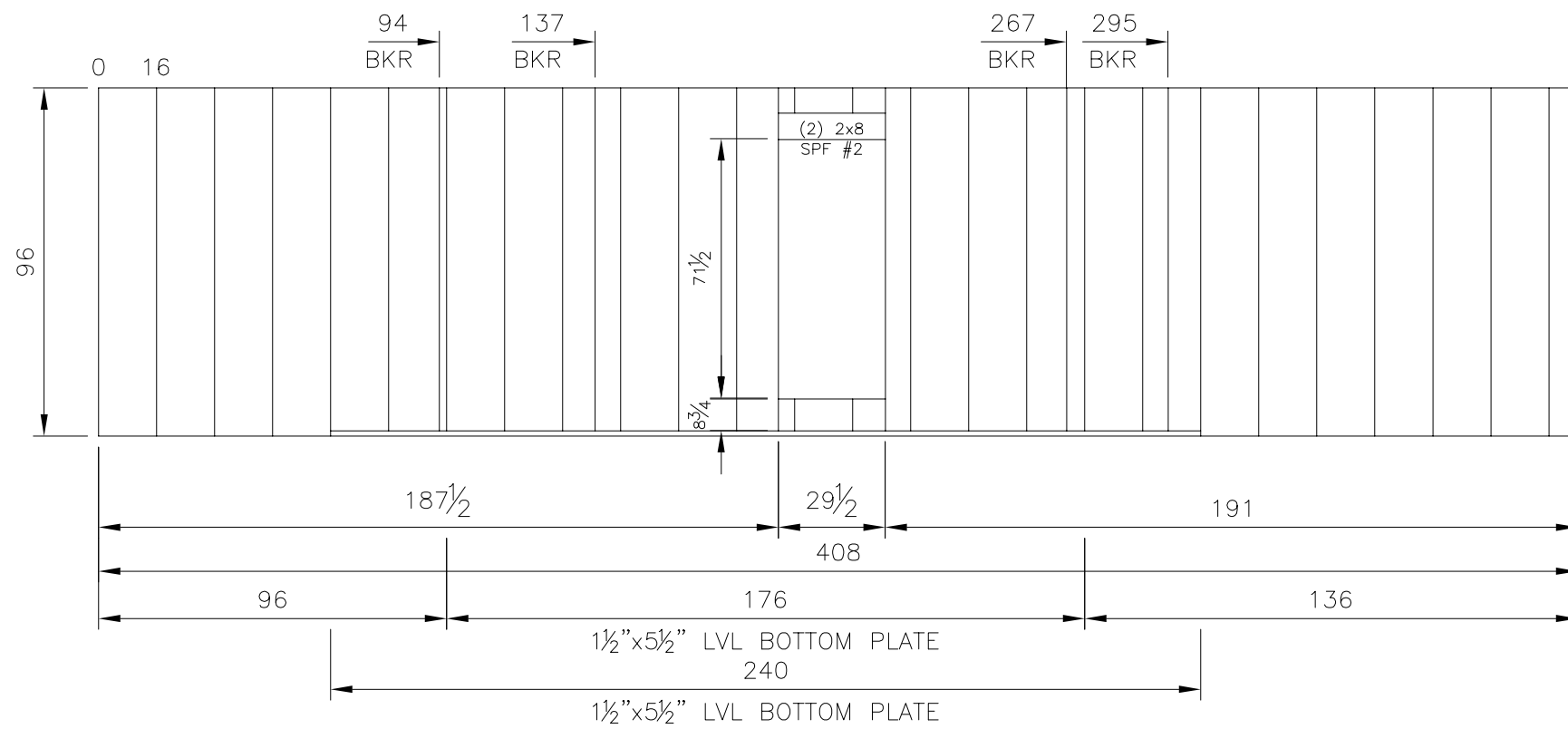
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DRWN BY: KHG DATE: MAR 21, 2014 REV.

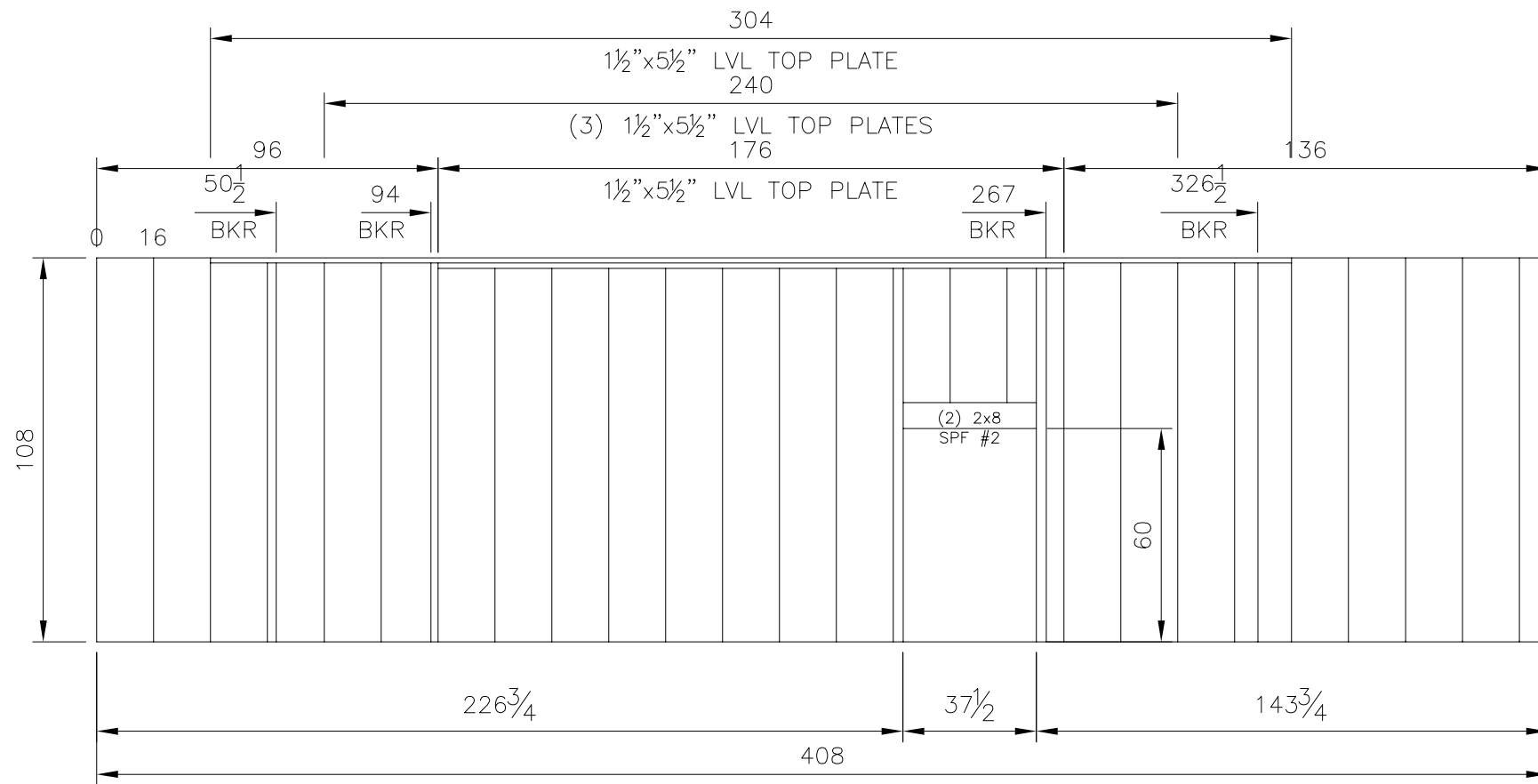
SHEET:

REFERENCE: AUG 3, 2014

SIZE: 20' x 37'-0"



WALL #55  
2x6



WALL #45  
2x6

TALL WALL DESIGN AT THE STAIRWELL

ALL FRAMING SHALL BE PER PART 9 OF THE NBC 2010.

1. MSTA30 METAL STRAP BY SST OR EQUIVALENT EACH STUD - EXTERIOR AND INTERIOR WITH (10) 0.131" X 3/4" NAILS EACH END.
2. MAIN LEVEL WALL SHALL HAVE (3) 1 1/2" x 5 1/2" 1.8E LVL TOP PLATES IN THE STAIRWELL OPENING. PLATE SPLICES SHALL BE OFFSET A MINIMUM OF 32". PLATES SHALL BE FASTENED TOGETHER WITH (2) ROWS OF 0.131" X 3/4" NAILS AT 6" O.C. PER PLY. (3) 0.131" X 3/4" NAILS PER STUD.
3. UPPER LEVEL WALL SHALL HAVE (2) 1 1/2" x 5 1/2" 1.8E LVL BOTTOM PLATES IN THE STAIRWELL OPENING. PLATE SPLICES SHALL BE OFFSET A MINIMUM OF 32". PLATES SHALL BE FASTENED TOGETHER WITH (2) ROWS OF 0.131" X 3/4" NAILS AT 6" O.C. PER PLY. (3) 0.131" X 3/4" NAILS PER STUD.
4. 2x6 SPACER SHALL BE FASTENED TO CEILING PERIMETER JOIST WITH 0.131 X 3/4" NAILS AT 12" O.C. 2x6 SPACER SHALL BE FASTENED TO FLOOR PERIMETER JOIST WITH 0.131 X 3/4" NAILS AT 12" O.C. IN THE FIELD.
5. STAIRWELL OPENING HEADERS SHALL BE FASTENED TO THE TOP AND BOTTOM PLATES WITH (2) A35 ANGLES BY SST OR EQUIVALENT PER MANUFACTURER'S SPECIFICATION.



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(507) 376-9460

TITLE: TALL WALL FRAMING AT STAIRWELL

MODEL NO.: K37-#1

DRWN BY: KHG

DATE: FEB 15, 2014

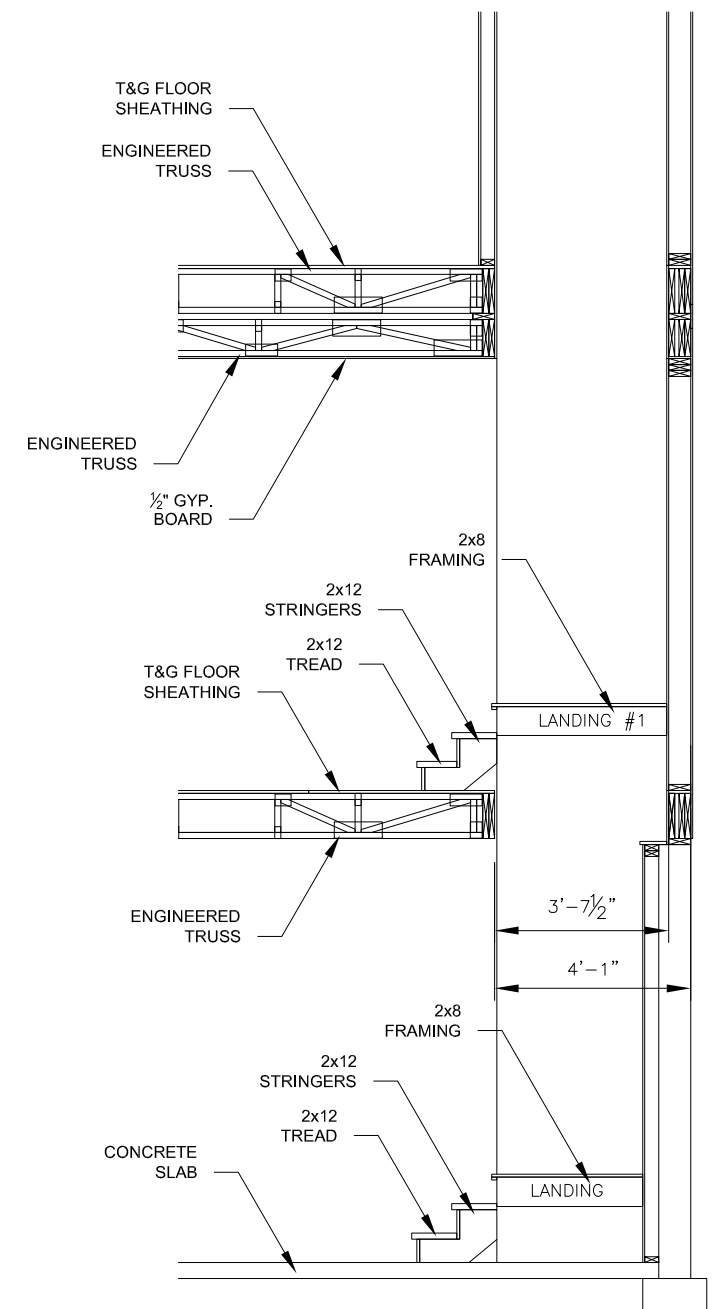
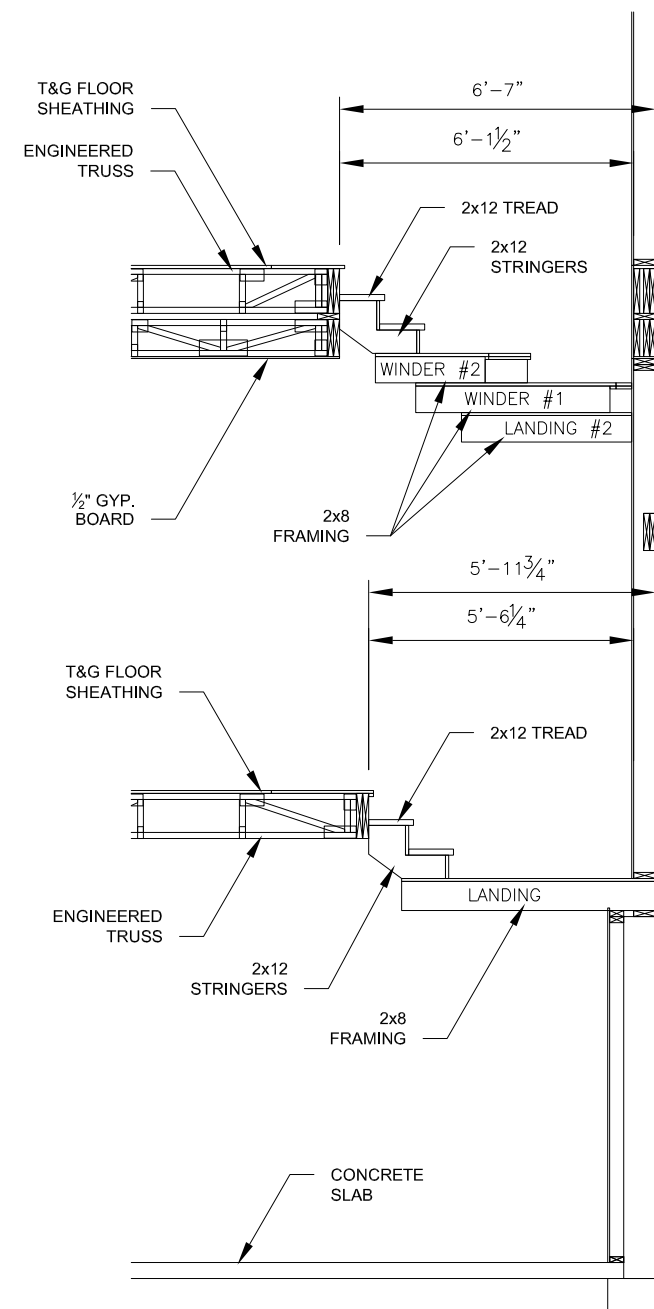
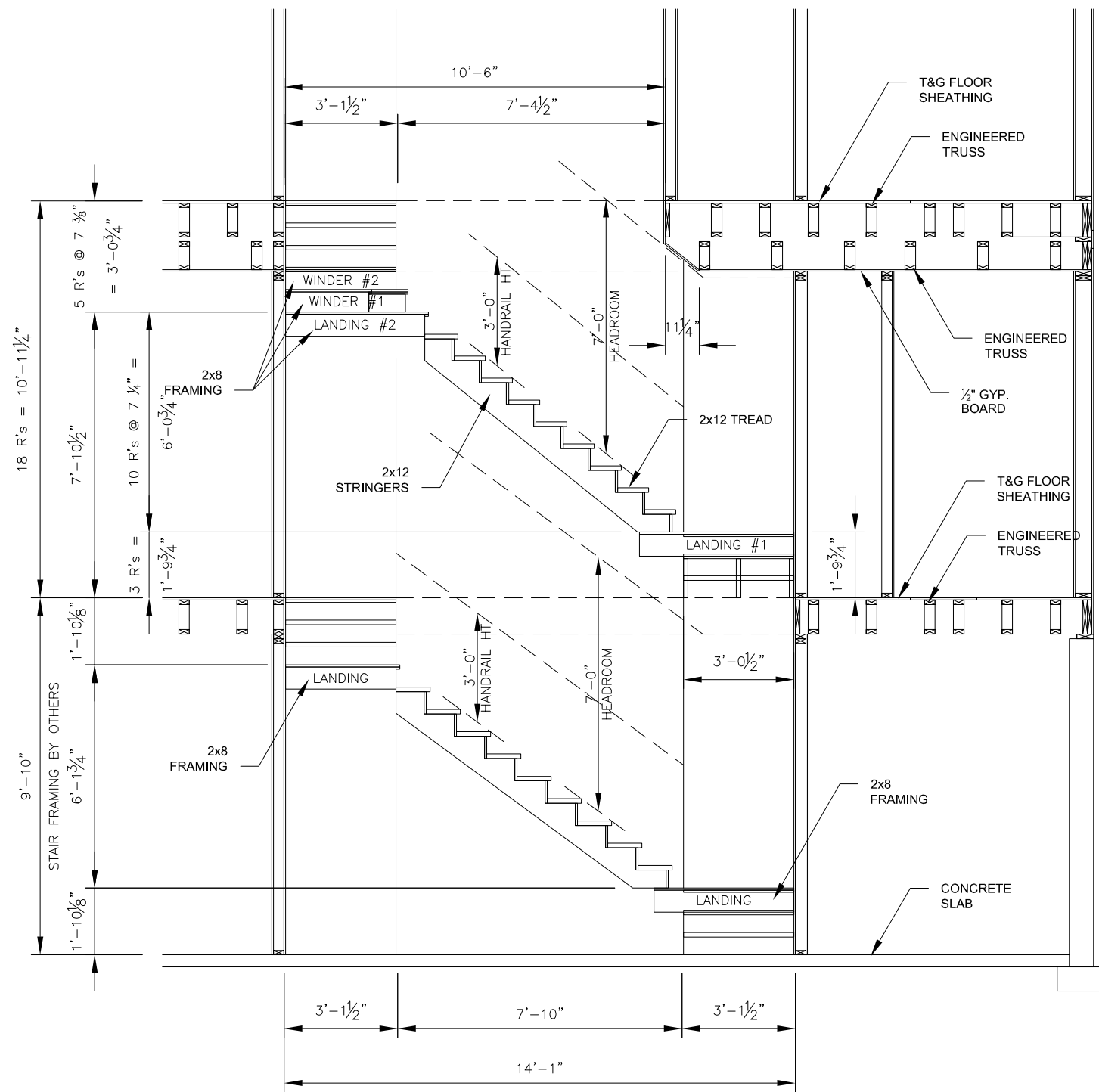
REV. 2/17/14

SHEET:

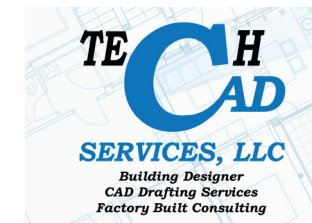
REFERENCE:

AUG 3, 2014

SIZE: 20' x 37'-0"



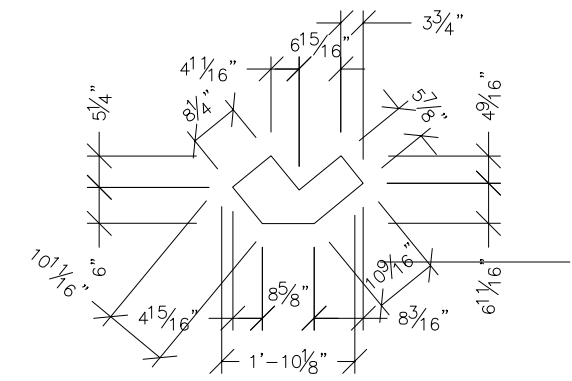
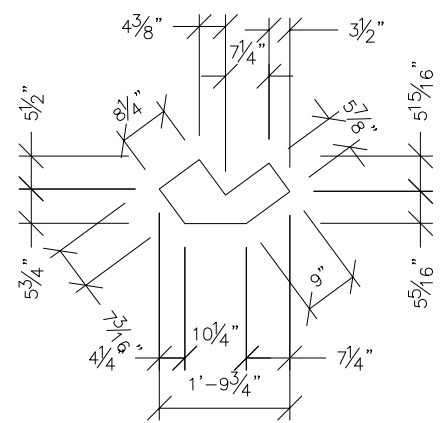
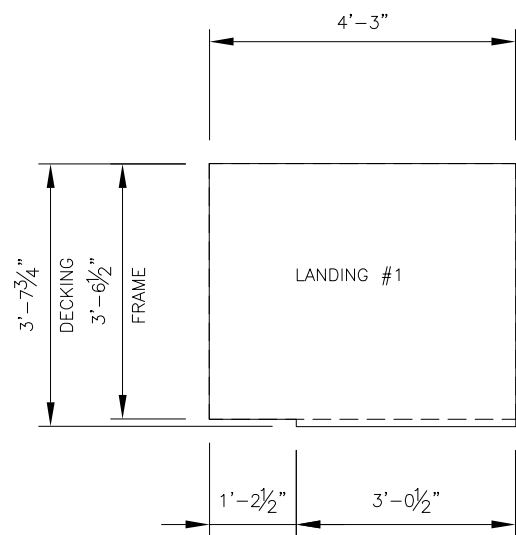
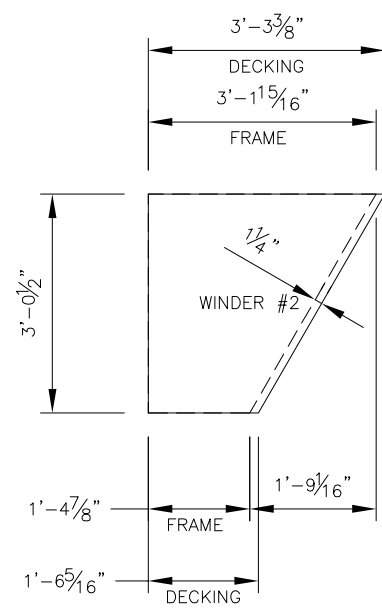
NOTE:  
SEE DESIGN FOR A TALL WALL SECTION AT THE STAIRWELL BY BILL STOESZ ENGINEERING FOR EXTERIOR WALL CONSTRUCTION AND CONNECTIONS



**CHAMPION**  
CHAMPION HOME BUILDERS, INC

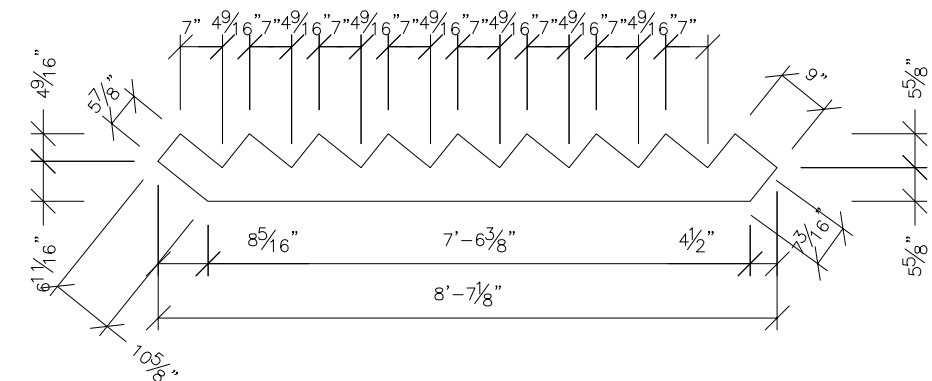
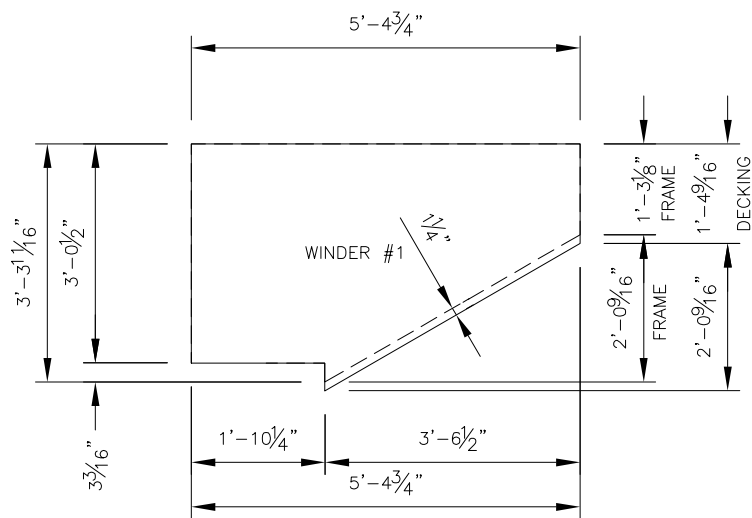
1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: STAIR DETAIL	MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 2, 2014
REV. 2/15/14	SHEET: A-7.1
REFERENCE: JULY 30, 2014	SIZE: 20' x 37'-0"

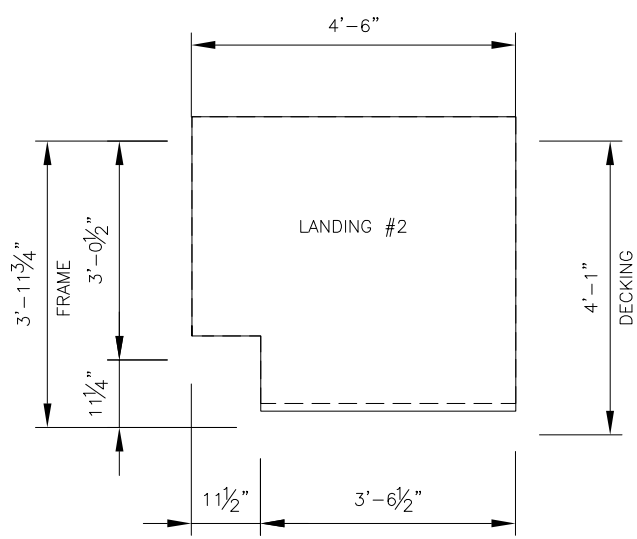


STRINGER DETAILS  
2x12 STRINGERS (UPPER)

STRINGER DETAILS  
2x12 STRINGERS (LOWER)



STRINGER DETAILS  
2x12 STRINGERS



AS BUILTS MAR 27, 2014

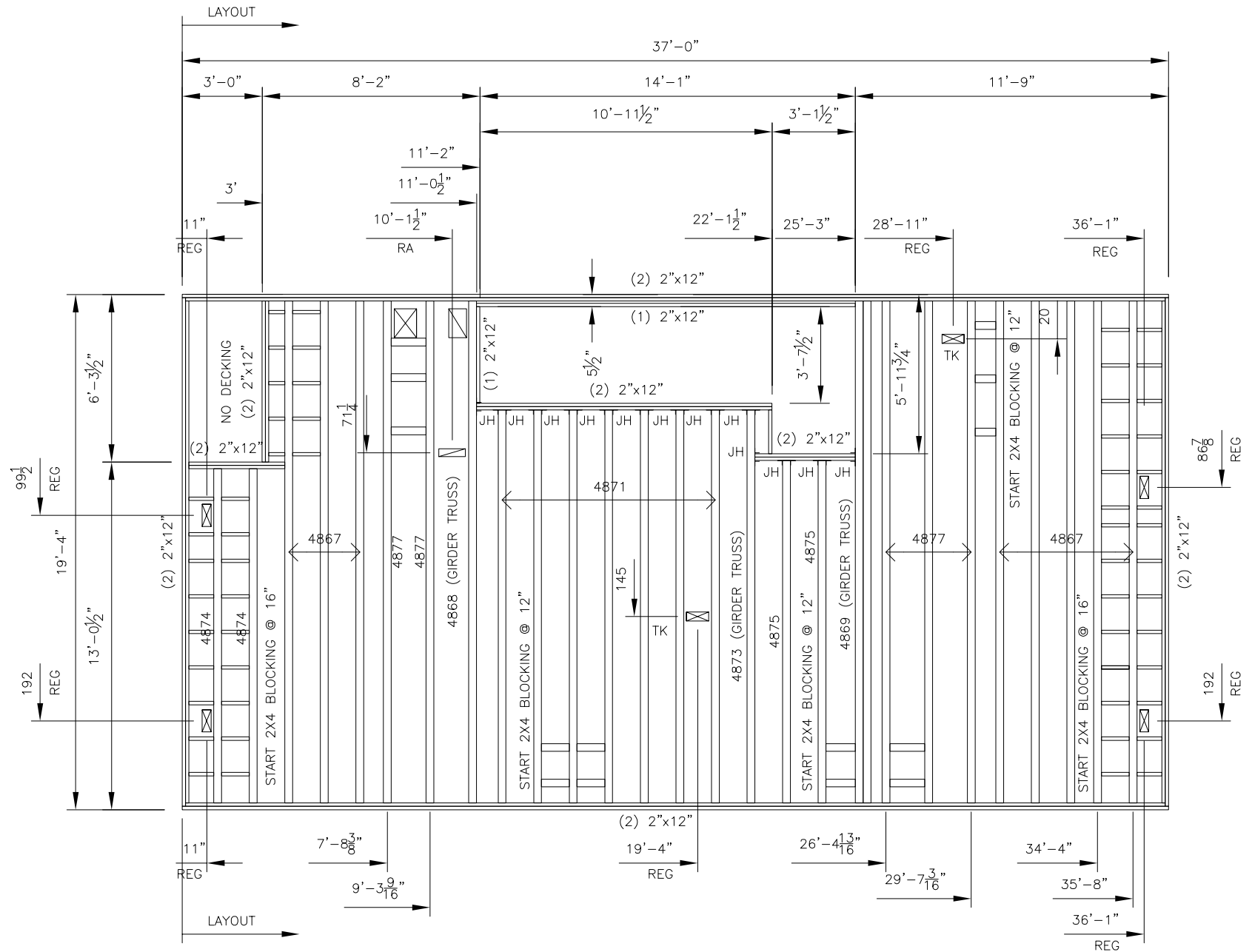
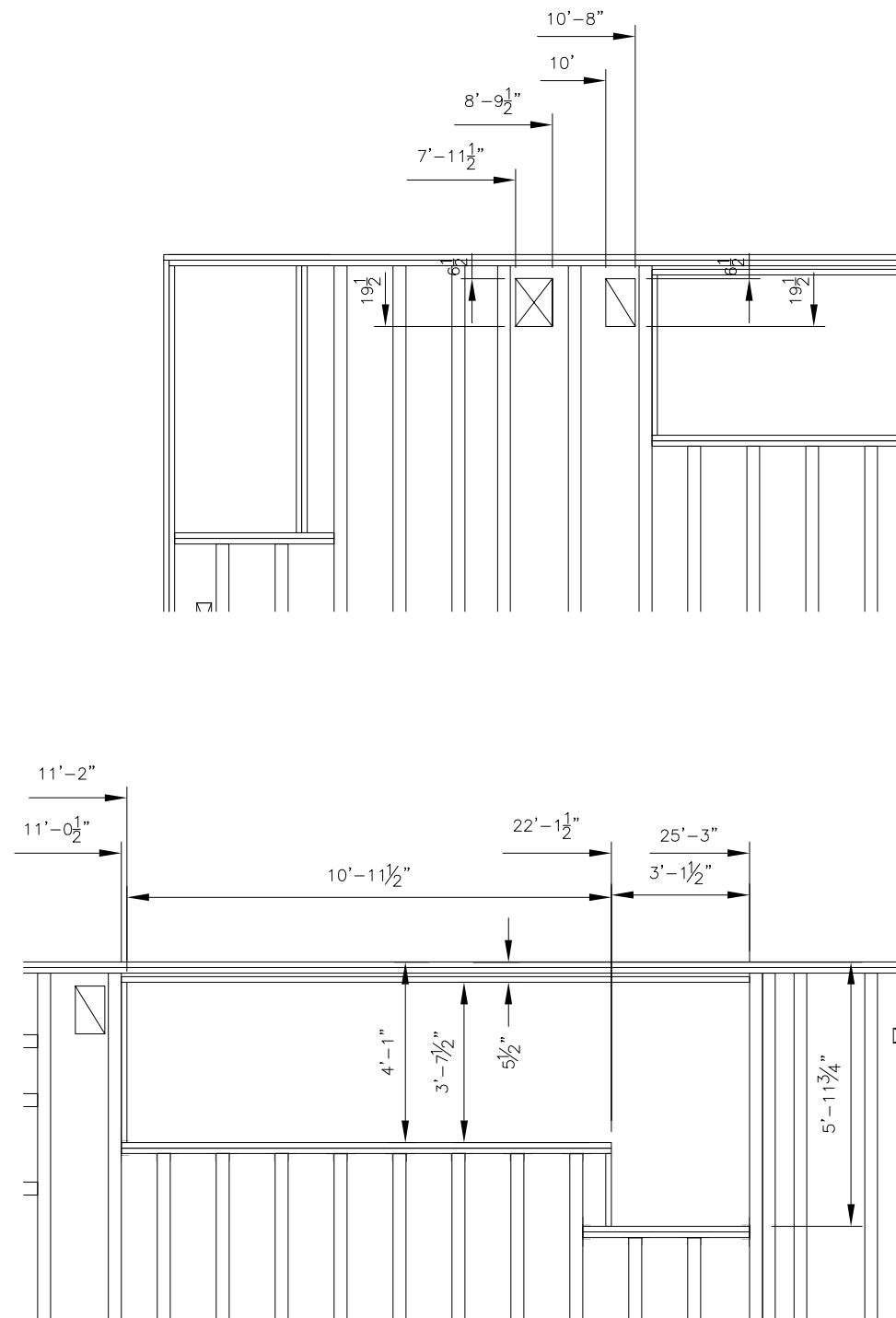


**CHAMPION**  
CHAMPION HOME BUILDERS, INC  
1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: STAIR DETAIL			MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 2, 2014	REV. 2/15/14	SHEET: A-7.2
REFERENCE: JULY 30, 2014			SIZE: 20' x 37'-0"

**PROVINCE**  
Saskatchewan

**CODE**  
National Building Code of Canada 2010  
National Plumbing Code of Canada 2010  
C22.1-12 Canadian Electrical Code, Part 1  
CAN/CSA-B149.1-10 Natural Gas and Propane Code



NOTE:  
SOLID BLOCKING @ 16" O.C. SHALL BE PROVIDED IN THE FIRST 2 BAYS AT THE EXTERIOR END WALL



**CHAMPION**  
CHAMPION HOME BUILDERS, INC.

1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: MAIN LEVEL FLOOR FRAMING PLAN

MODEL NO.: K37-#1

DRWN BY: KHG

DATE: FEB 2, 2014

REV. 2/21/14

SHEET: S-2.1

REFERENCE:

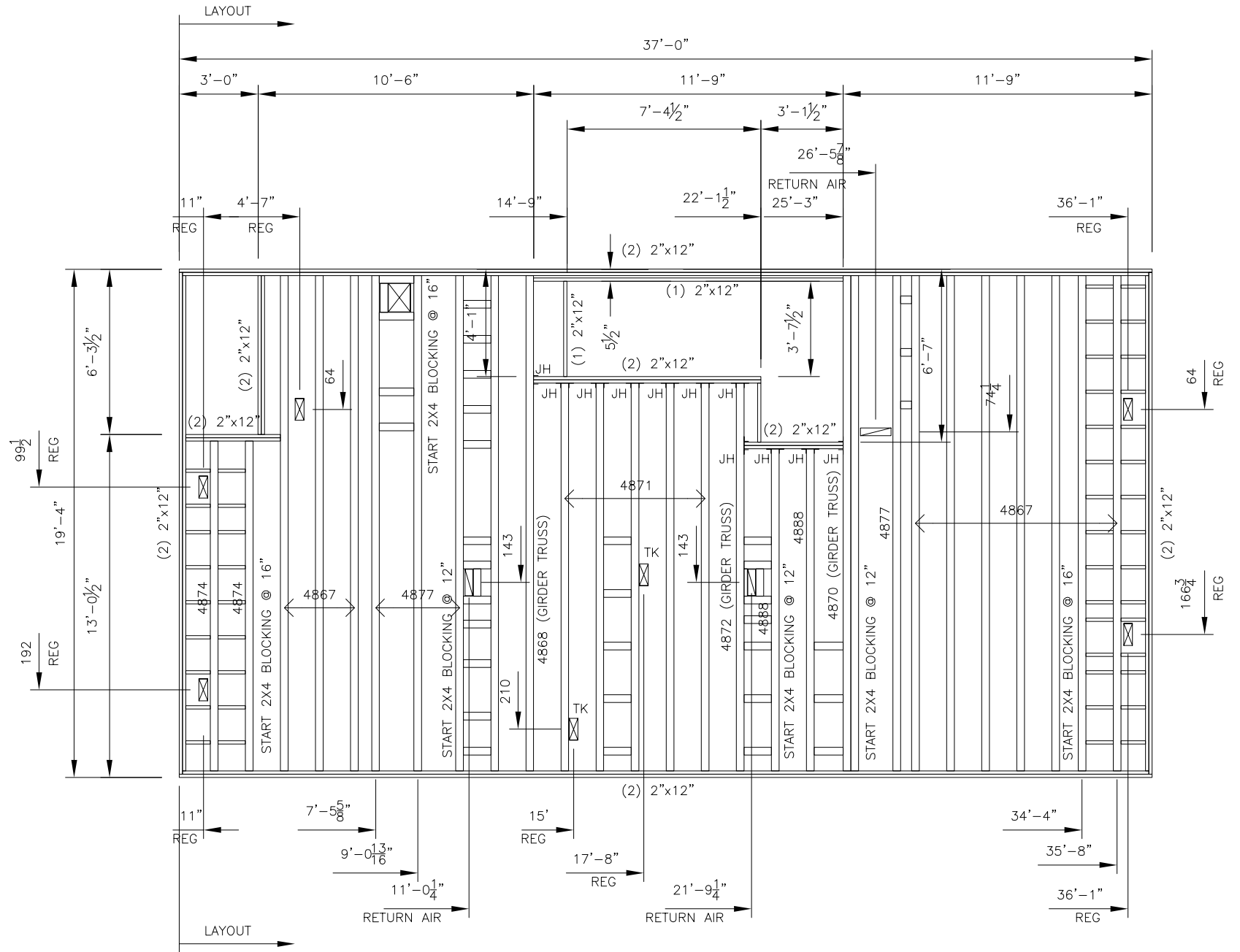
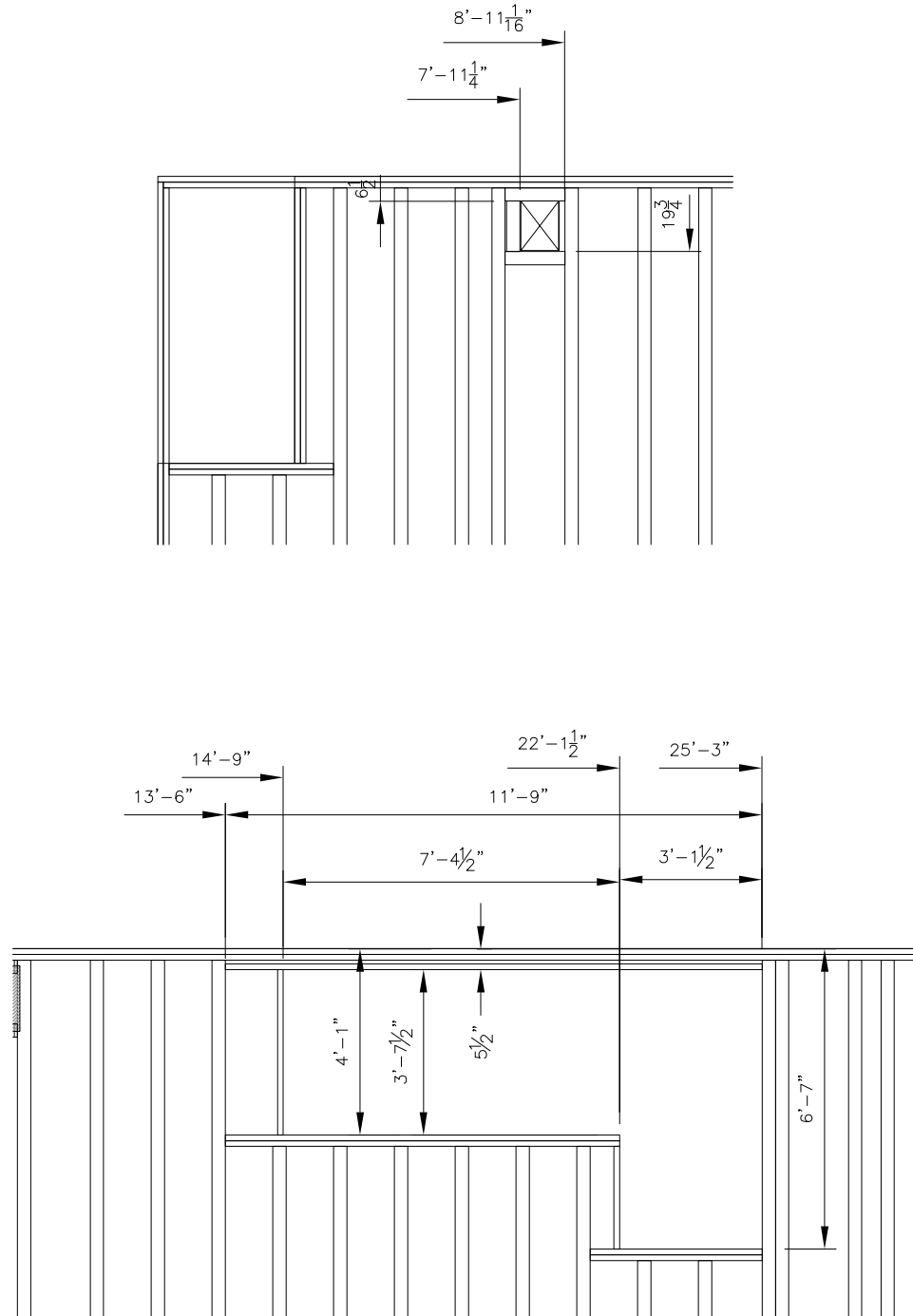
AUG 3, 2014

SIZE: 20' x 37'-0"



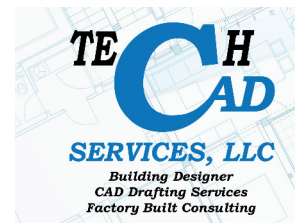
PROVINCE  
Saskatchewan

CODE  
National Building Code of Canada 2010  
National Plumbing Code of Canada 2010  
C22.1-12 Canadian Electrical Code, Part 1  
CAN/CSA-B149.1-10 Natural Gas and Propane Code



NOTE:  
SOLID BLOCKING @ 16\"/>

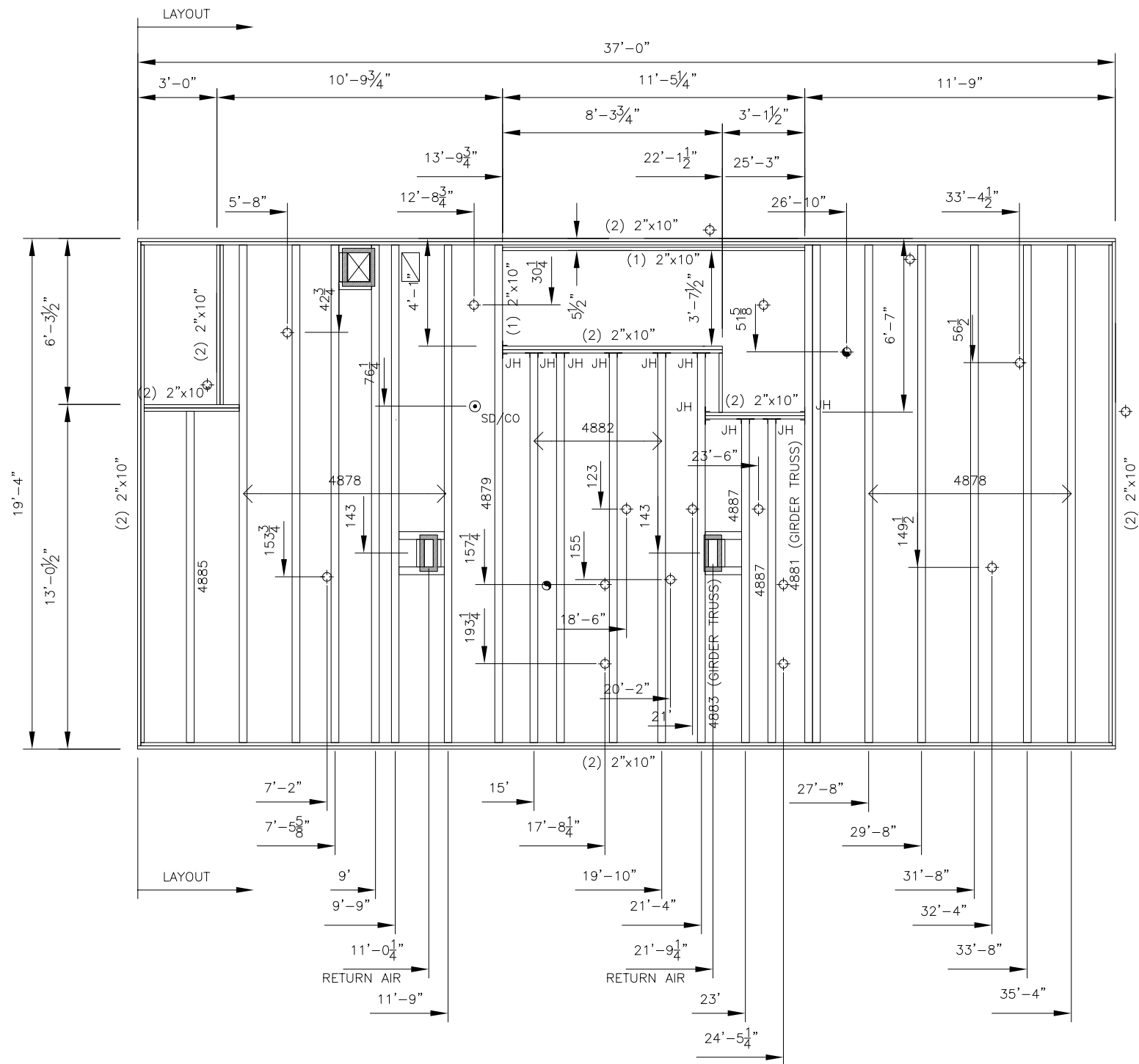
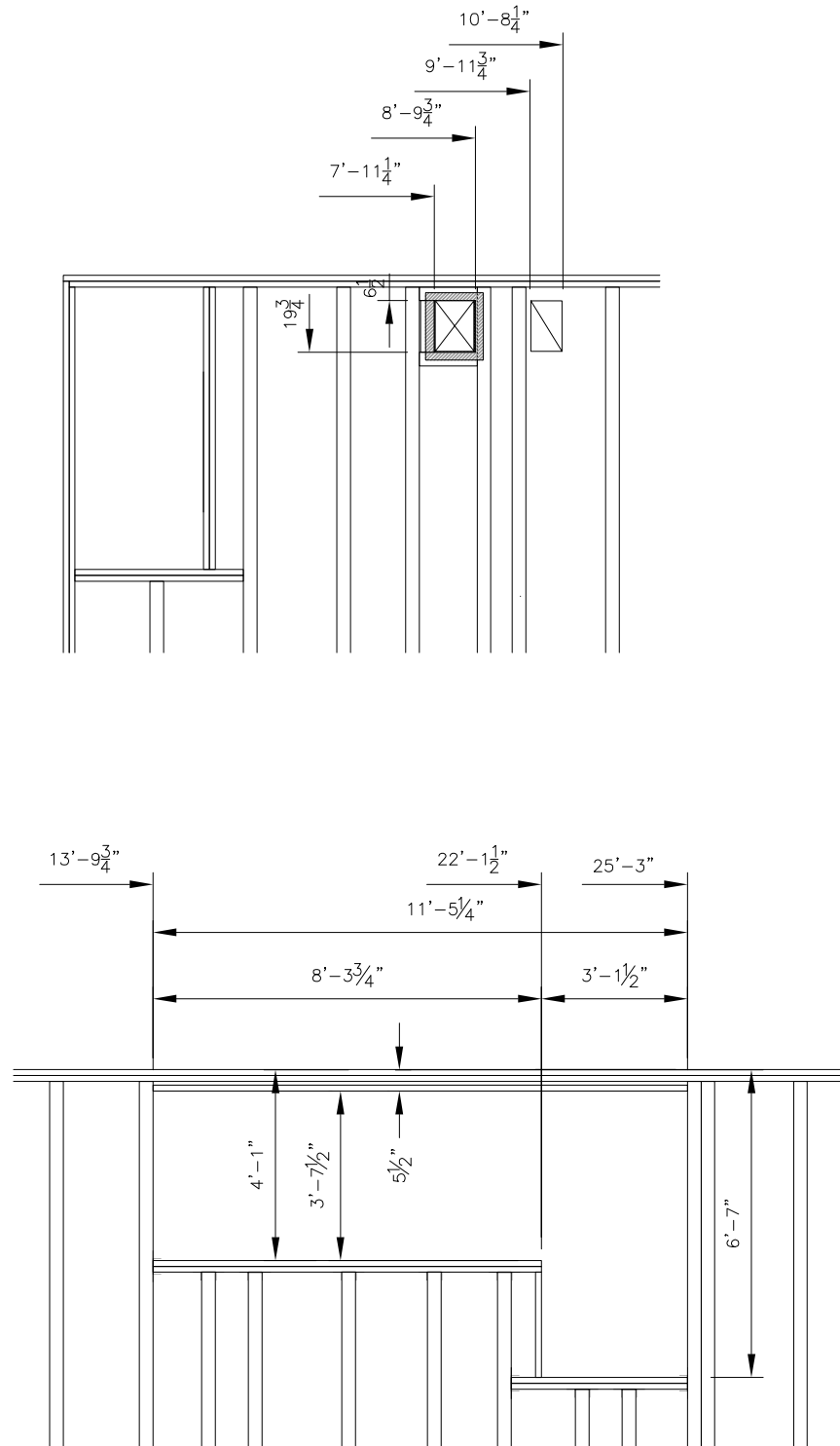
AS BUILTS MAR 27, 2014



		1660 Rowe Avenue P.O. Box 427 Worthington, MN. 56187 (507) 376-9460	
		TITLE: UPPER LEVEL FLOOR FRAMING PLAN	MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 2, 2014	REV: 2/17/14	SHEET: S-2.2
REFERENCE: AUG 3, 2014		SIZE: 20' x 37'-0"	

**PROVINCE**  
 Saskatchewan

**CODE**  
 National Building Code of Canada 2010  
 National Plumbing Code of Canada 2010  
 C22.1-12 Canadian Electrical Code, Part 1  
 CAN/CSA-B149.1-10 Natural Gas and Propane Code



AS BUILTS MAR 27, 2014

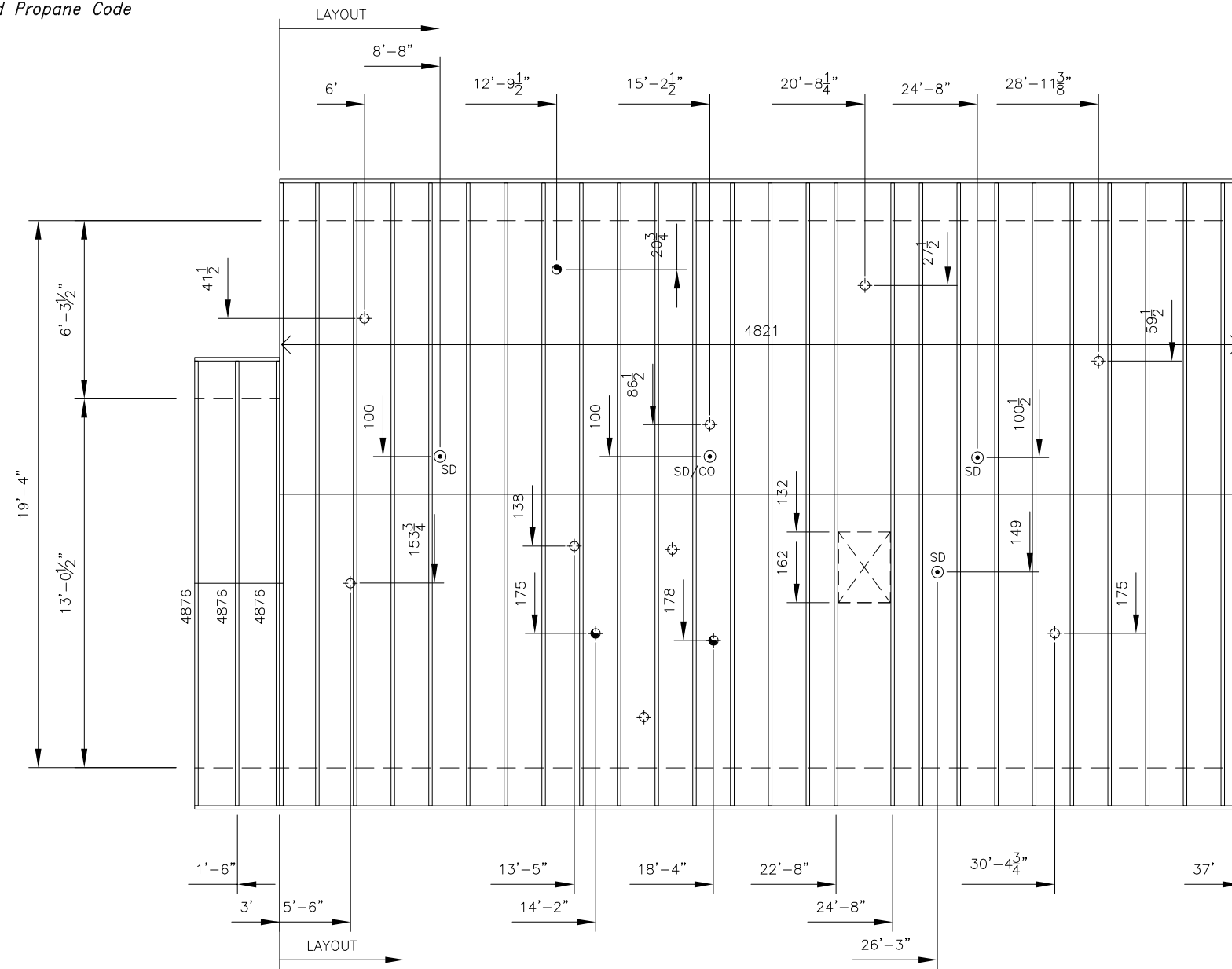


1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: MAIN LEVEL CEILING FRAMING PLAN		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 2, 2014	REV. 3/12/14 SHEET: S-3.1
REFERENCE:	AUG 3, 2014	SIZE: 20' x 37'-0"

PROVINCE  
 Saskatchewan

CODE  
 National Building Code of Canada 2010  
 National Plumbing Code of Canada 2010  
 C22.1-12 Canadian Electrical Code, Part 1  
 CAN/CSA-B149.1-10 Natural Gas and Propane Code

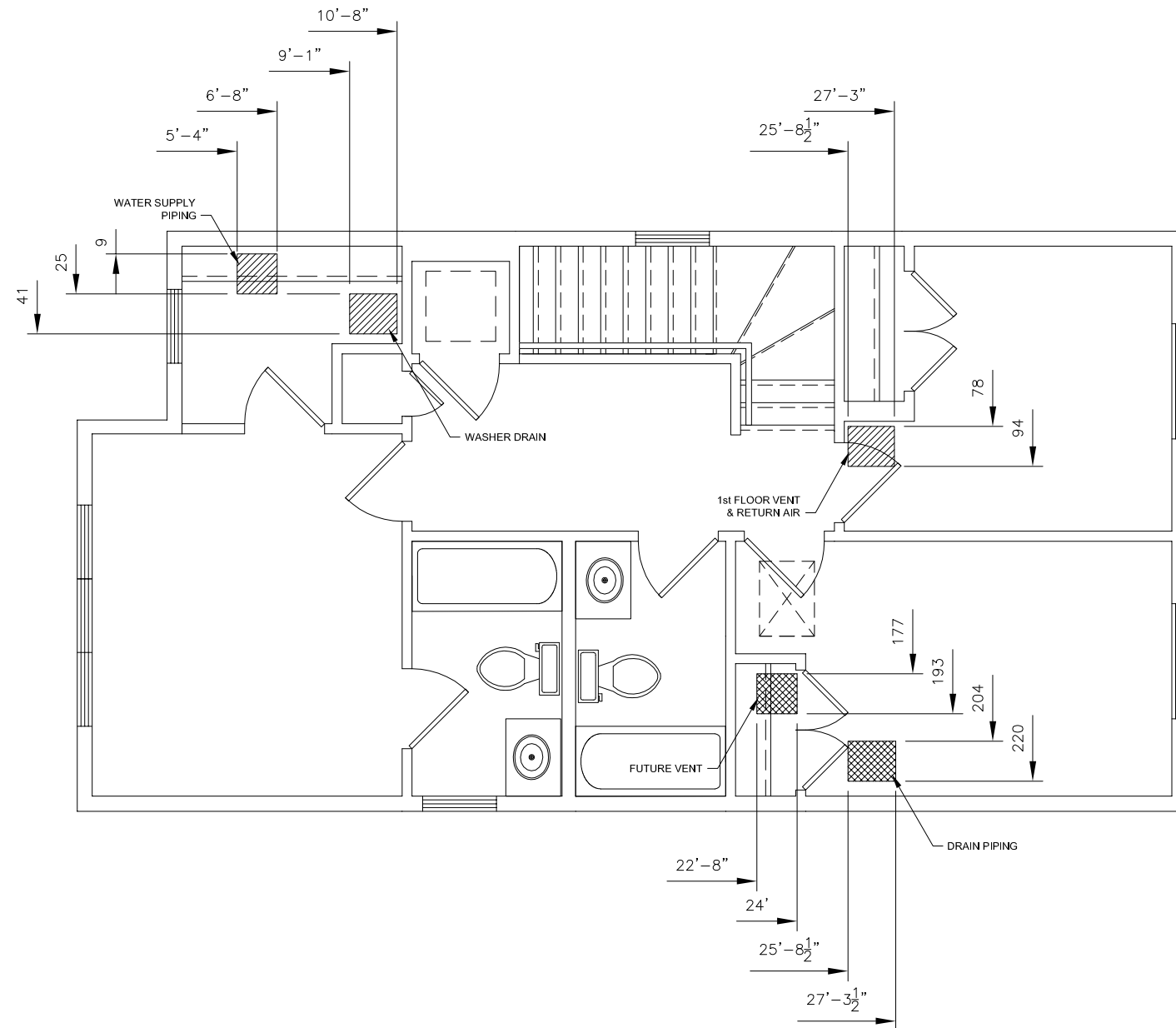


AS BUILTS MAR 27, 2014

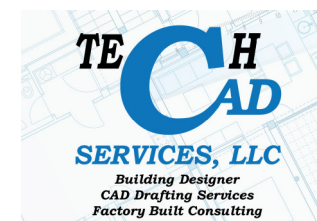


**CHAMPION**  
 CHAMPION HOME BUILDERS, INC.  
 1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: ROOF FRAMING PLAN			MODEL NO.K37-#1
DRWN BY: KHG	DATE: FEB 2, 2014	REV: 3/12/14	SHEET: S-3.2
REFERENCE: AUG 3, 2014			SIZE 20' x 37'-0"



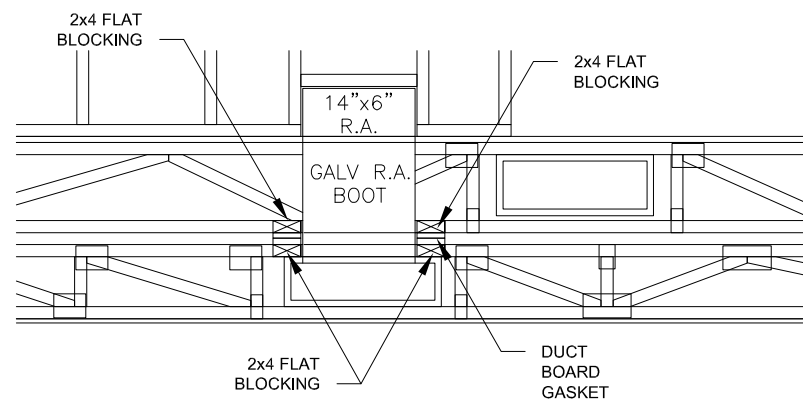
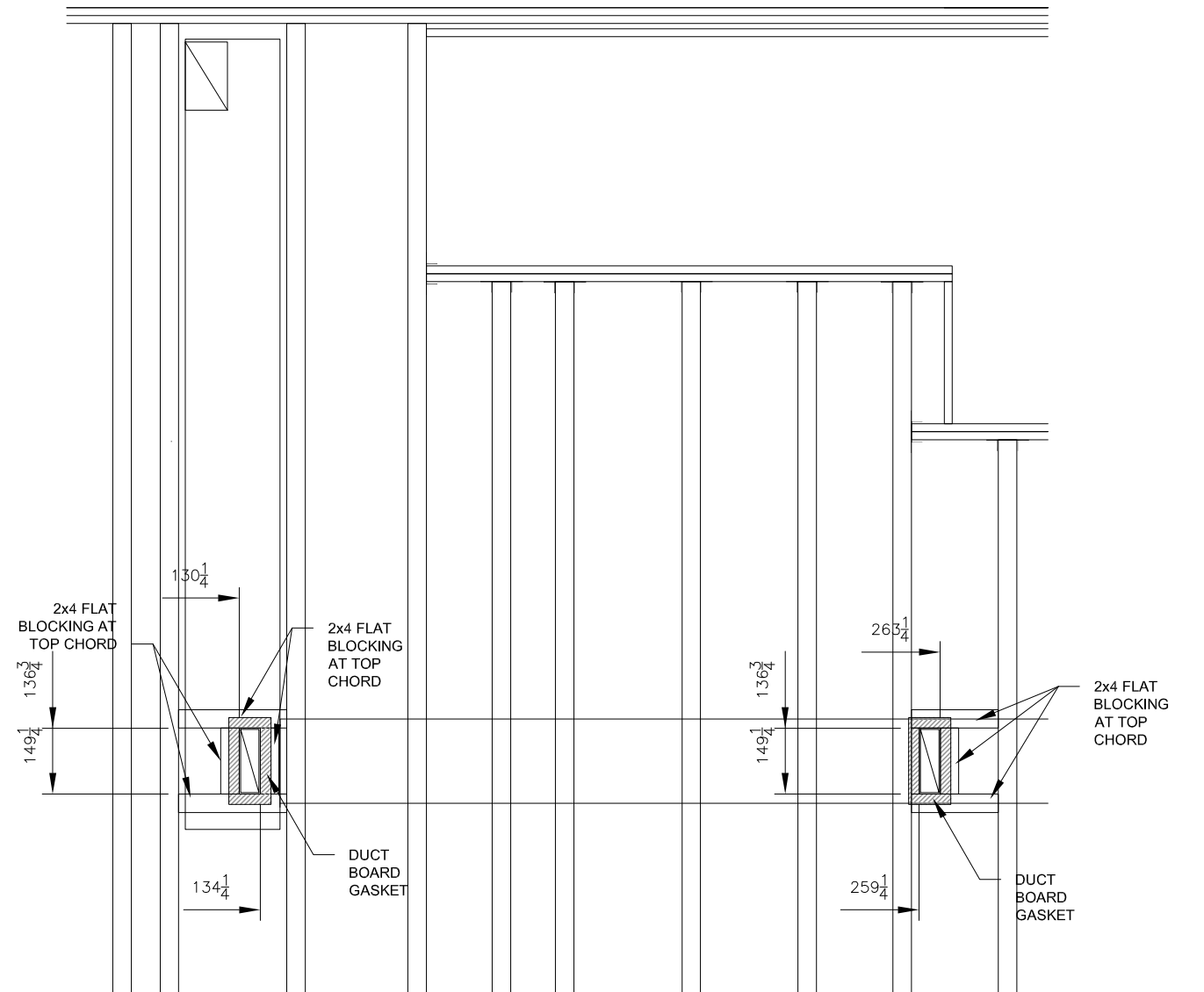
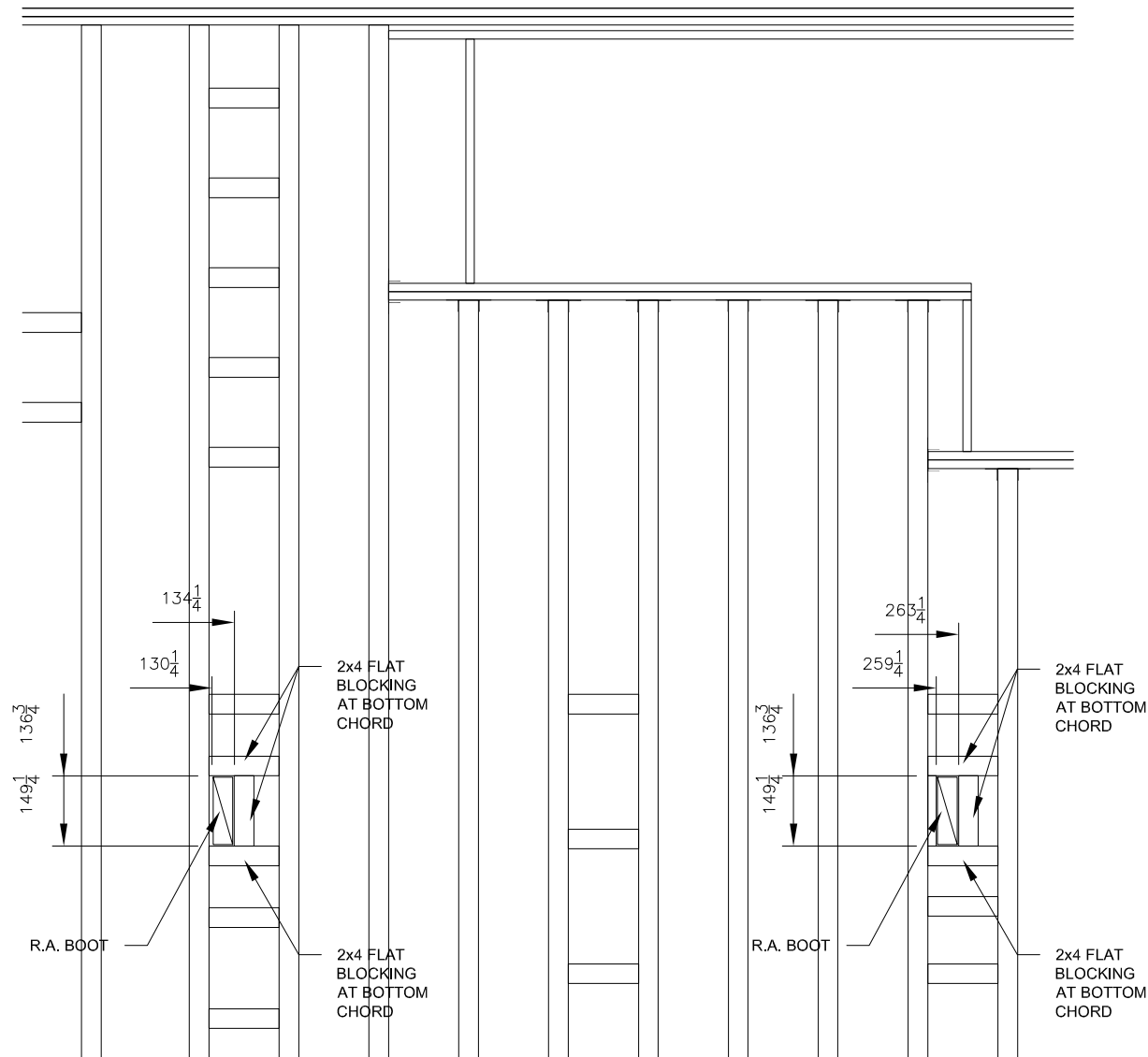
AS BUILTS MAR 27, 2014



**CHAMPION**  
CHAMPION HOME BUILDERS, INC

1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: FIELD CONNECTION ACCESS (FLOOR)		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: AUG 3, 2014	REV.
REFERENCE:		SIZE: 20' x 37'-0"



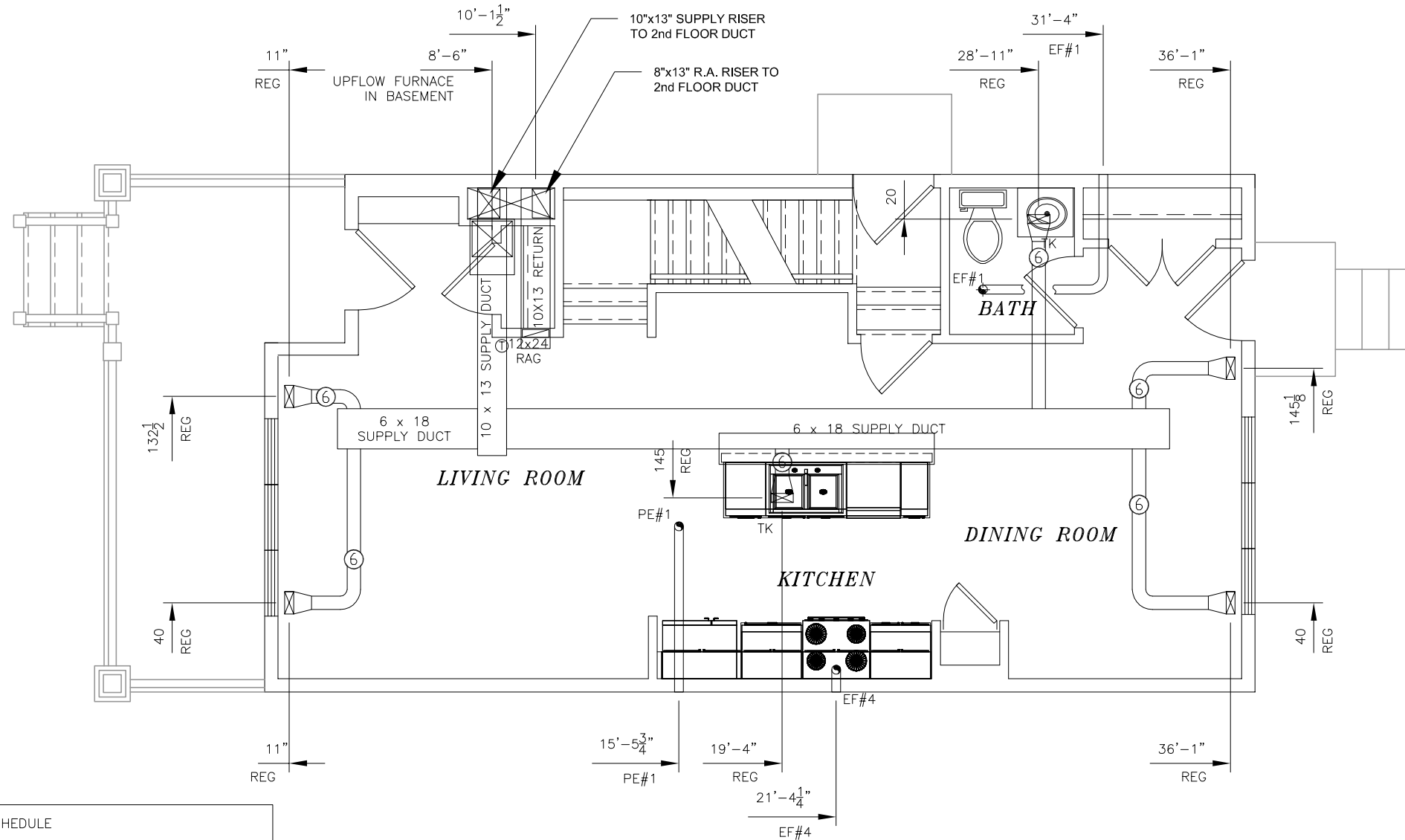
**CHAMPION**  
 CHAMPION HOME BUILDERS, INC

1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56116  
 (507) 376-9460

TITLE: GASKET METHOD HVAC SYSTEM		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: JULY 30, 2014	REV.
REFERENCE:		SIZE: 20' x 37'-0"

**PROVINCE**  
 Saskatchewan

**CODE**  
 National Building Code of Canada 2010  
 National Plumbing Code of Canada 2010  
 C22.1-12 Canadian Electrical Code, Part 1  
 CAN/CSA-B149.1-10 Natural Gas and Propane Code



EXHAUST FAN SCHEDULE					
MARK	MANUFACTURER	MODEL	AIRFLOW (cfm)	LOCATION	TERMINATION
PE#1	NUTONE	80NT	65	1st FLOOR	WALL
EF#1	NUTONE	769RL	70	1st FLOOR BATH	WALL
EF#2	NUTONE	769RL	70	BATH	ROOF
EF#3	NUTONE	769RL	70	ENSUITE	ROOF
EF#4	BROAN	F403001	190	KITCHEN	WALL
EF#5	DRYER	(by others)	160	2nd FLOOR	WALL



**CHAMPION**  
 CHAMPION HOME BUILDERS, INC

1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: MAIN LEVEL MECHANICAL PLAN

MODEL NO.: K37-#1

DRWN BY: KHG

DATE: JAN 28, 2014

REV. 3/12/14

SHEET: M-1.1

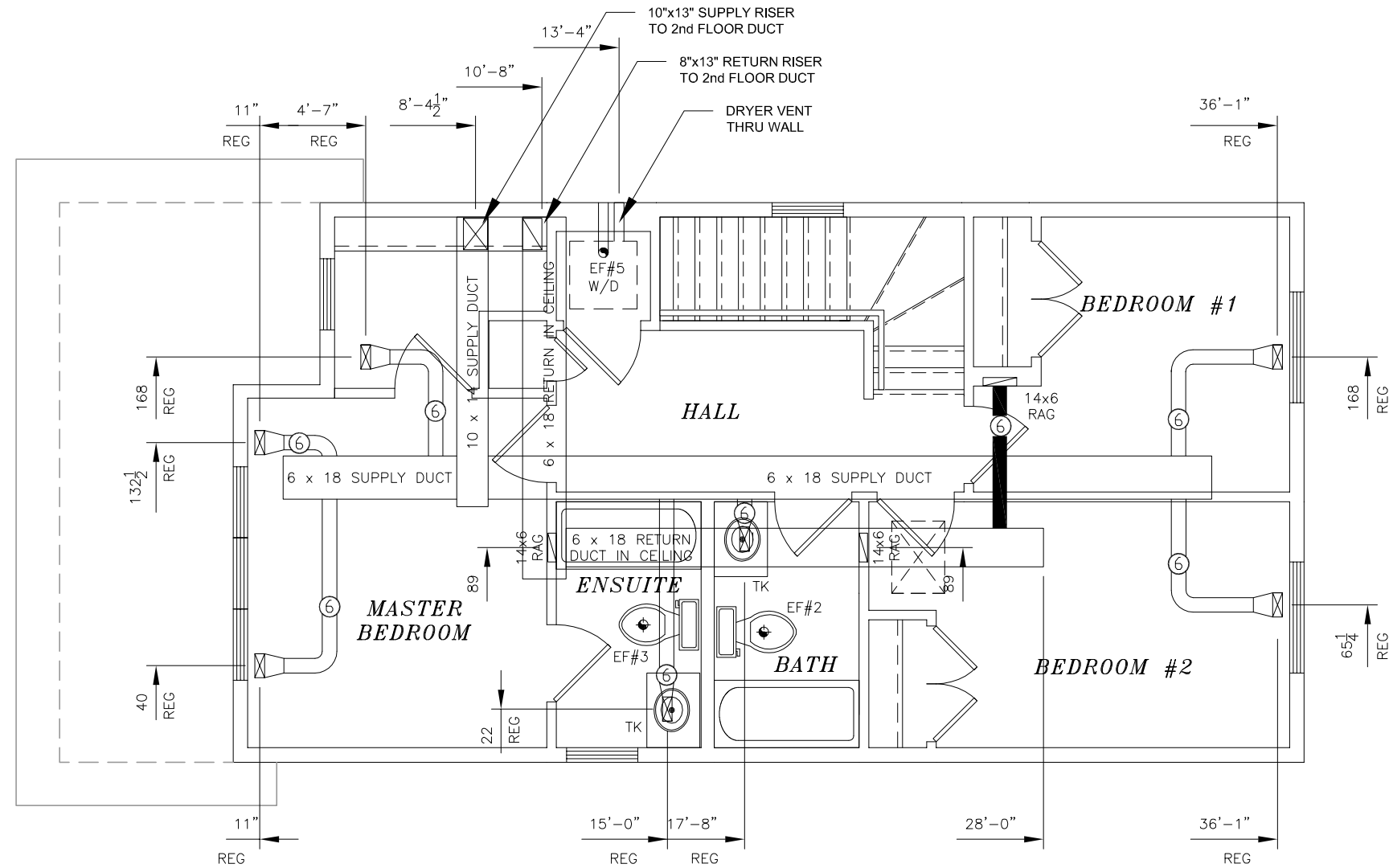
REFERENCE:

JULY 30, 2014

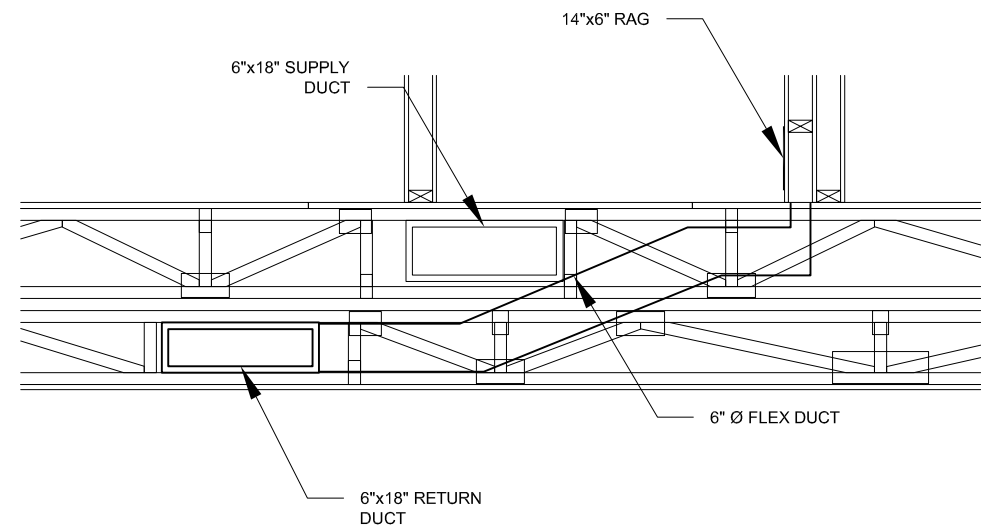
SIZE: 20' x 37'-0"

PROVINCE  
Saskatchewan


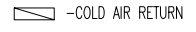

CODE  
National Building Code of Canada 2010  
National Plumbing Code of Canada 2010  
C22.1-12 Canadian Electrical Code, Part 1  
CAN/CSA-B149.1-10 Natural Gas and Propane Code



NOTE:  
ALL STUD BAYS, FLOOR, AND CEILING CAVITIES CONTAINING RETURN AIR GRILLES AND DUCT SHALL BE SEALED TO PREVENT AIR BEING DRAWN FROM WITHIN THE ASSEMBLIES.



RETURN AIR CONNECTION

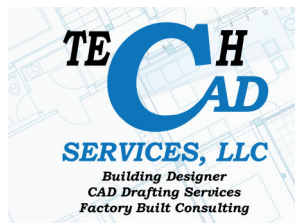
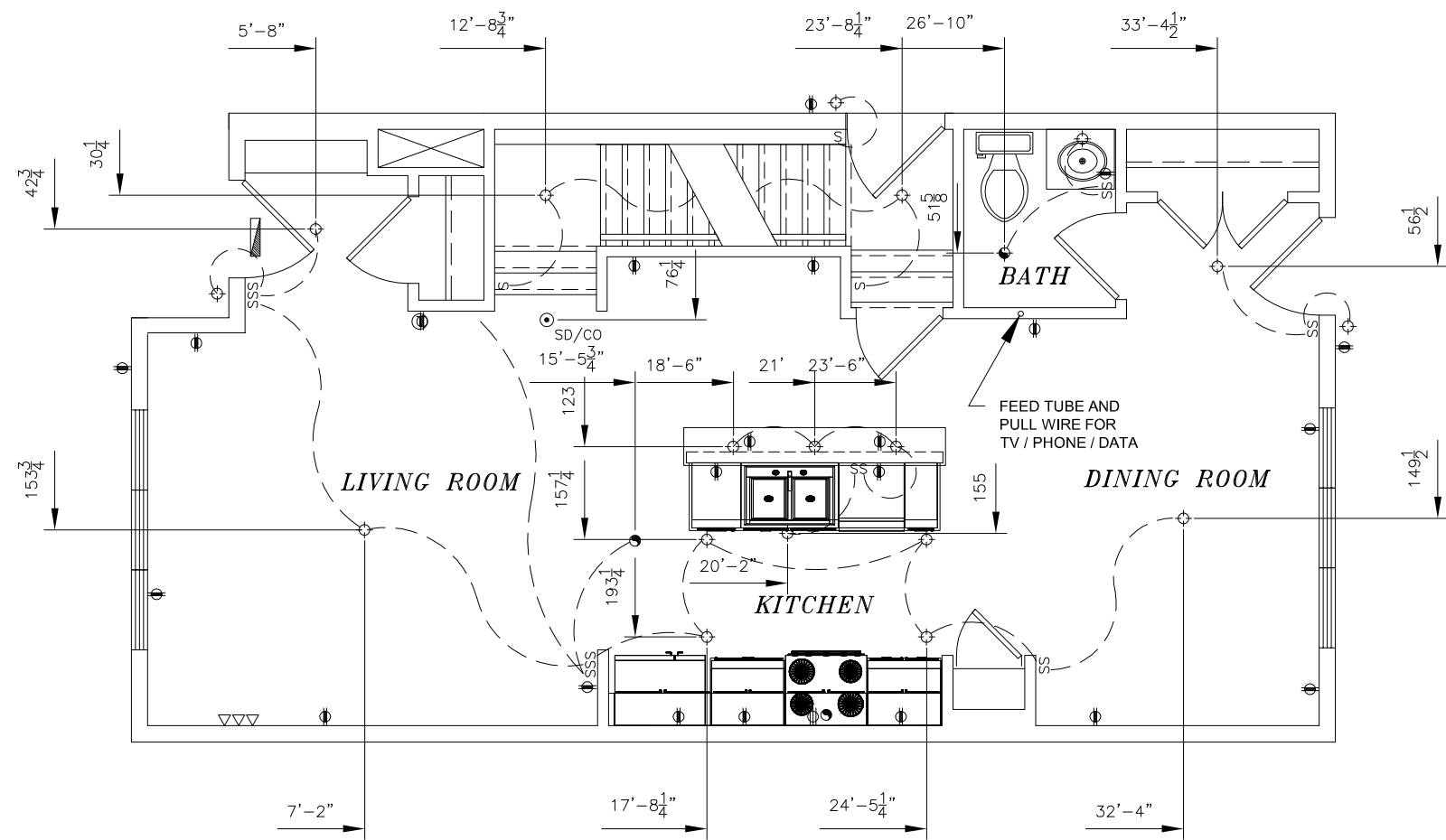
-  - WARM AIR REGISTER
-  - COLD AIR RETURN
-  - AIR TO AIR EXCHANGE LOCATION (IBC MODS ONLY)

AS BUILTS MAR 27, 2014

**TECH CAD**  
**SERVICES, LLC**  
Building Designer  
CAD Drafting Services  
Factory Built Consulting

**CHAMPION**  
CHAMPION HOME BUILDERS, INC.  
1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: UPPER LEVEL MECHANICAL PLAN	MODEL NO.: K37-#1
DRWN BY: KHG	DATE: JAN 28, 2014
REV. 3/12/14	SHEET: M-1.2
REFERENCE: JULY 30, 2014	SIZE: 20' x 37'-0"

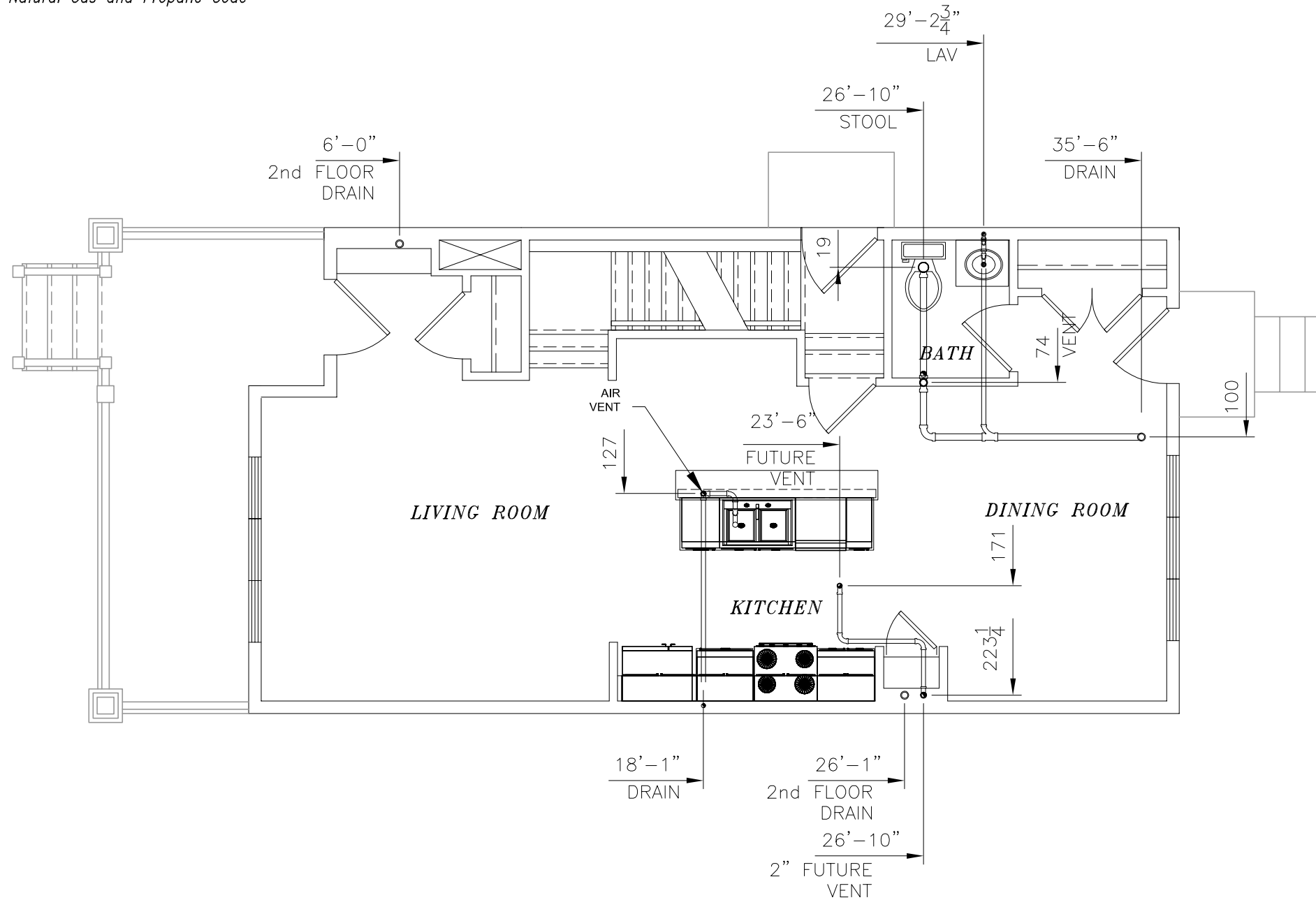


<b>CHAMPION</b> CHAMPION HOME BUILDERS, INC			1660 Rowe Avenue P.O. Box 427 Worthington, MN. 56187 (507) 376-9460
TITLE: MAIN LEVEL ELECTRICAL PLAN		MODEL NO.: K37-#1	
DRWN BY: KHG	DATE: MAR 12, 2014	REV.	SHEET: E-1P
REFERENCE:			SIZE: 20' x 37'-0"



**PROVINCE**  
 Saskatchewan

**CODE**  
 National Building Code of Canada 2010  
 National Plumbing Code of Canada 2010  
 C22.1-12 Canadian Electrical Code, Part 1  
 CAN/CSA-B149.1-10 Natural Gas and Propane Code

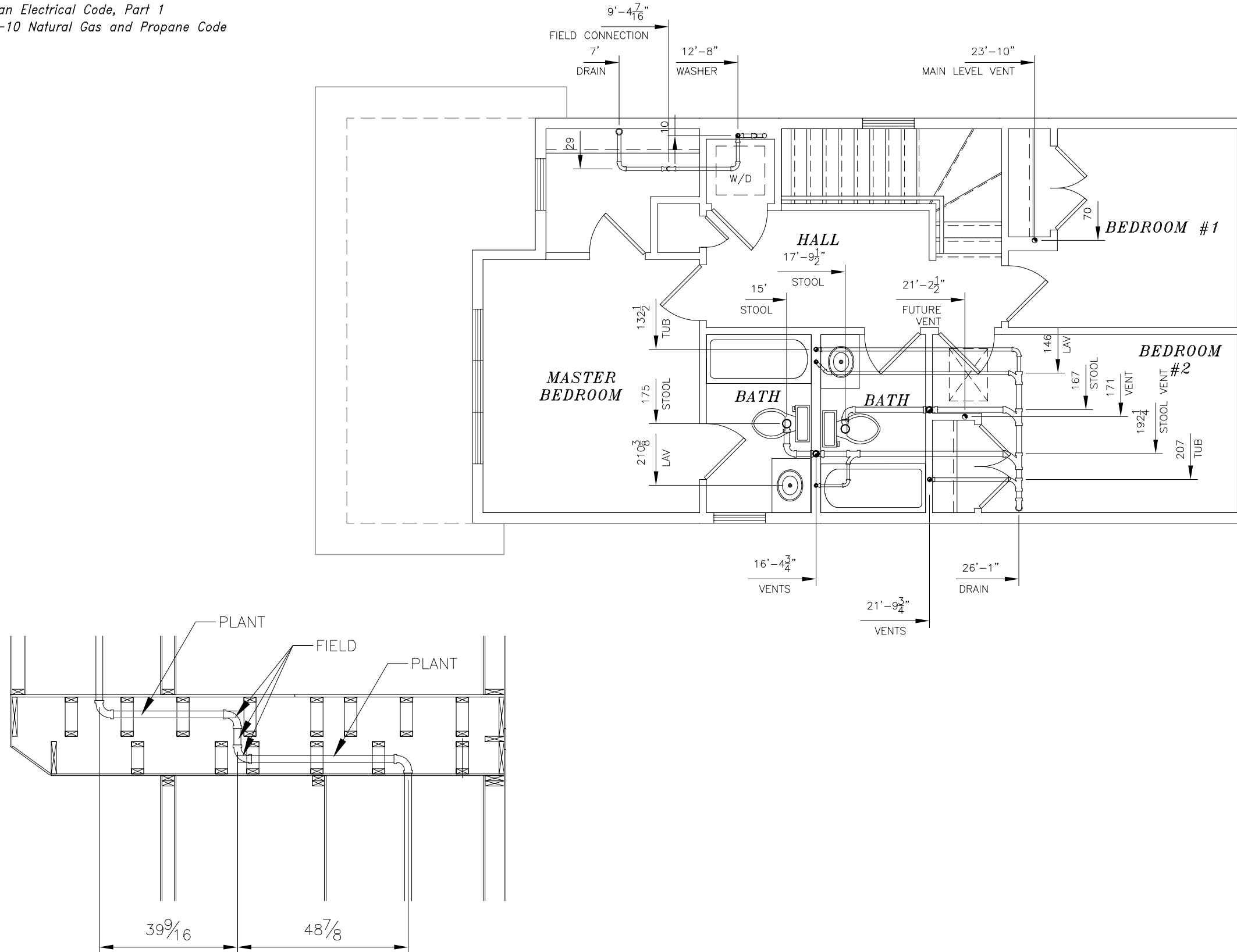


**CHAMPION**  
 CHAMPION HOME BUILDERS, INC.  
 1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: MAIN LEVEL DRAINAGE PLAN			MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 15, 2014	REV. 2/17/14	SHEET: P-1.1
REFERENCE: JULY 30, 2014			SIZE: 20' x 37'-0"

**PROVINCE**  
 Saskatchewan

**CODE**  
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 C22.1-12 Canadian Electrical Code, Part 1  
 CAN/CSA-B149.1-10 Natural Gas and Propane Code



WASHER DRAIN PIPING  
FIELD CONNECTION

AS BUILTS MAR 27, 2014



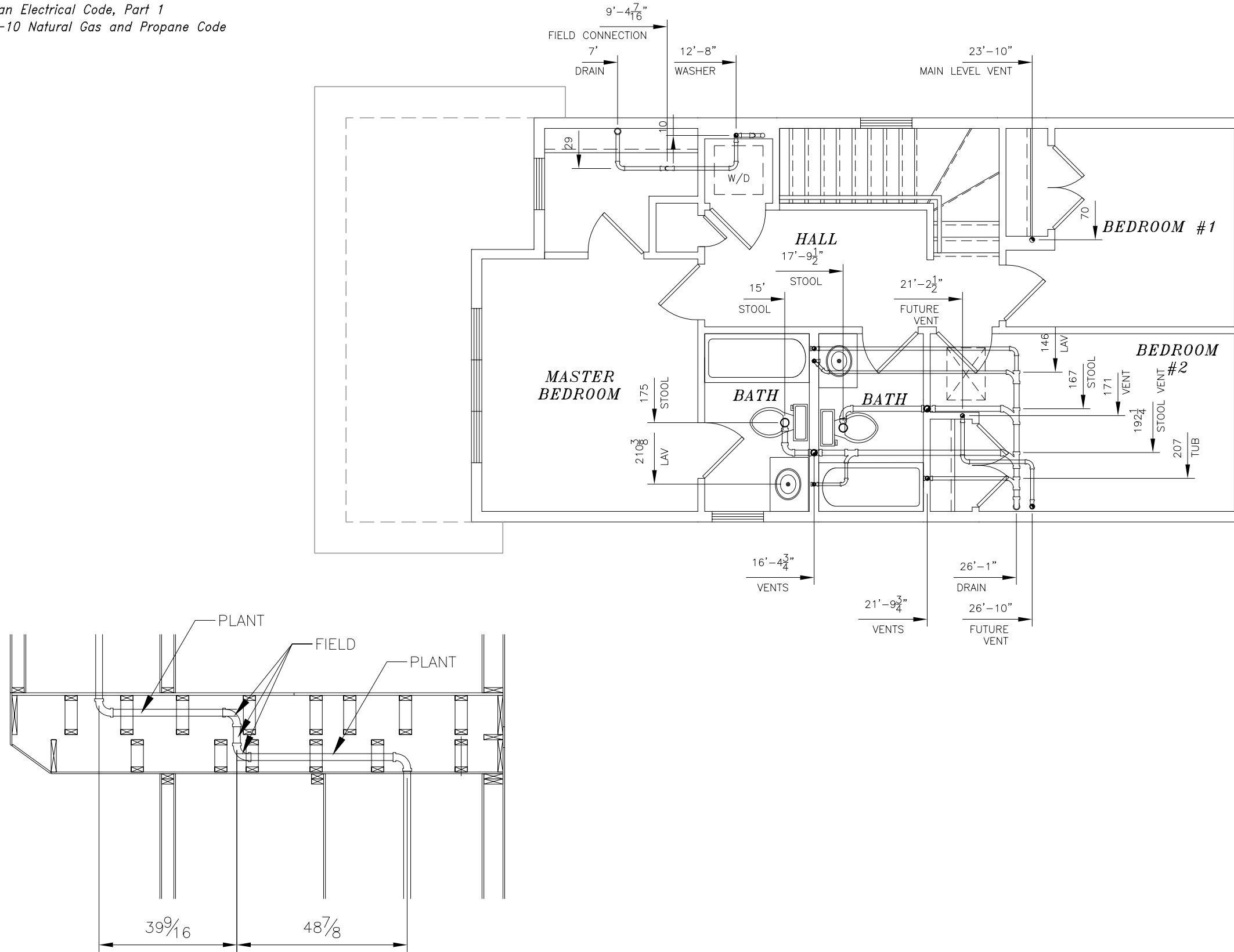
**CHAMPION**  
 CHAMPION HOME BUILDERS, INC

1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: UPPER LEVEL DRAINAGE PLAN			MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 15, 2014	REV. 2/21/14	SHEET: P-1.2
REFERENCE: JULY 30, 2014			SIZE: 20' x 37'-0"

**PROVINCE**  
 Saskatchewan

**CODE**  
 National Building Code of Canada 2010  
 National Plumbing Code of Canada 2010  
 C22.1-12 Canadian Electrical Code, Part 1  
 CAN/CSA-B149.1-10 Natural Gas and Propane Code



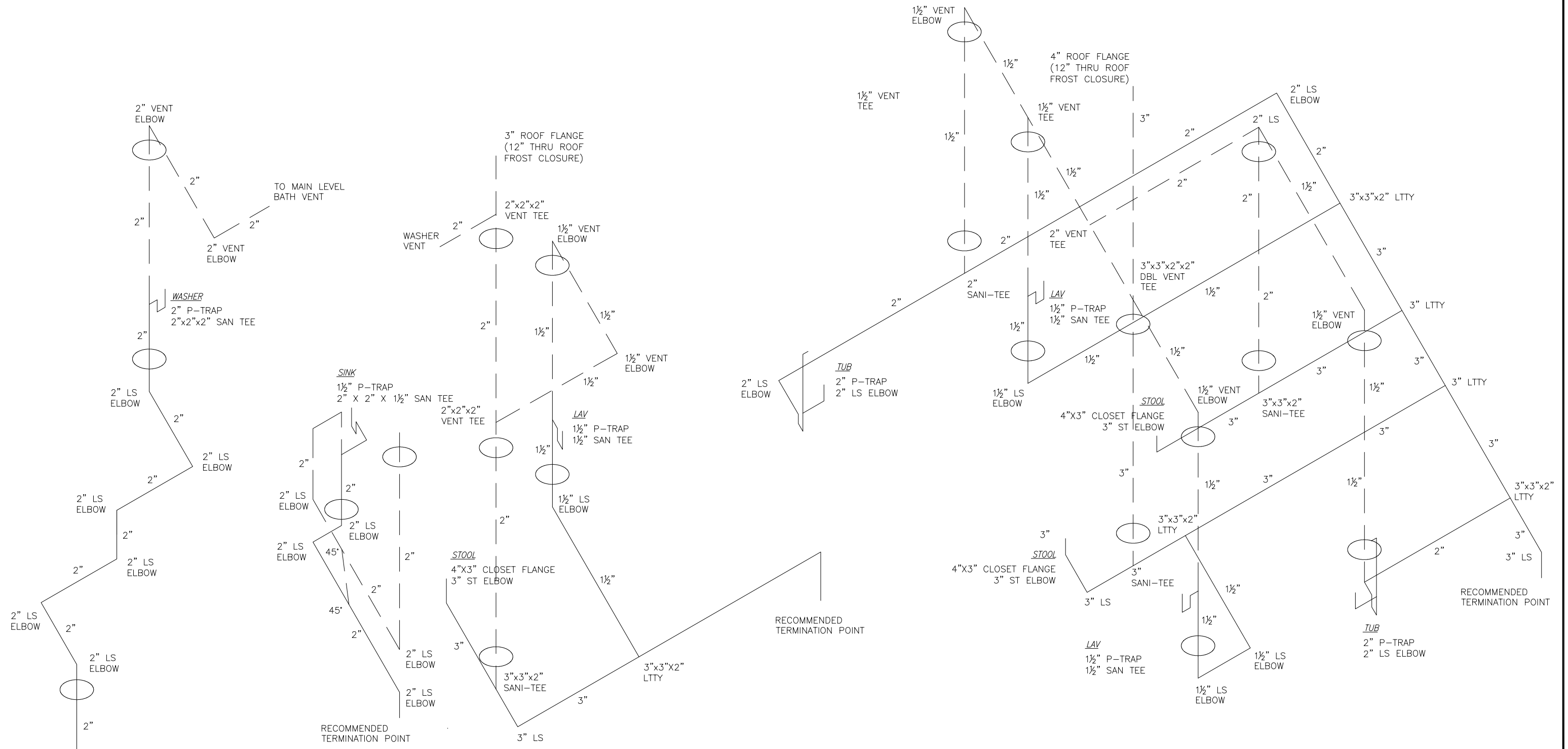
WASHER DRAIN PIPING  
FIELD CONNECTION

AS BUILTS MAR 27, 2014



1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: UPPER LEVEL DRAINAGE PLAN			MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 15, 2014	REV. 2/21/14	SHEET: P-1.2
REFERENCE: JULY 30, 2014			SIZE: 20' x 37'-0"



**WASHER**

**KITCHEN SINK  
LOOP VENT**

**HALF BATH**

**UPPER LEVEL BATHS**

PROVINCE  
Saskatchewan

CODE  
National Building Code of Canada 2010  
National Plumbing Code of Canada 2010  
C22.1-12 Canadian Electrical Code, Part 1  
CAN/CSA-B149.1-10 Natural Gas and Propane Code

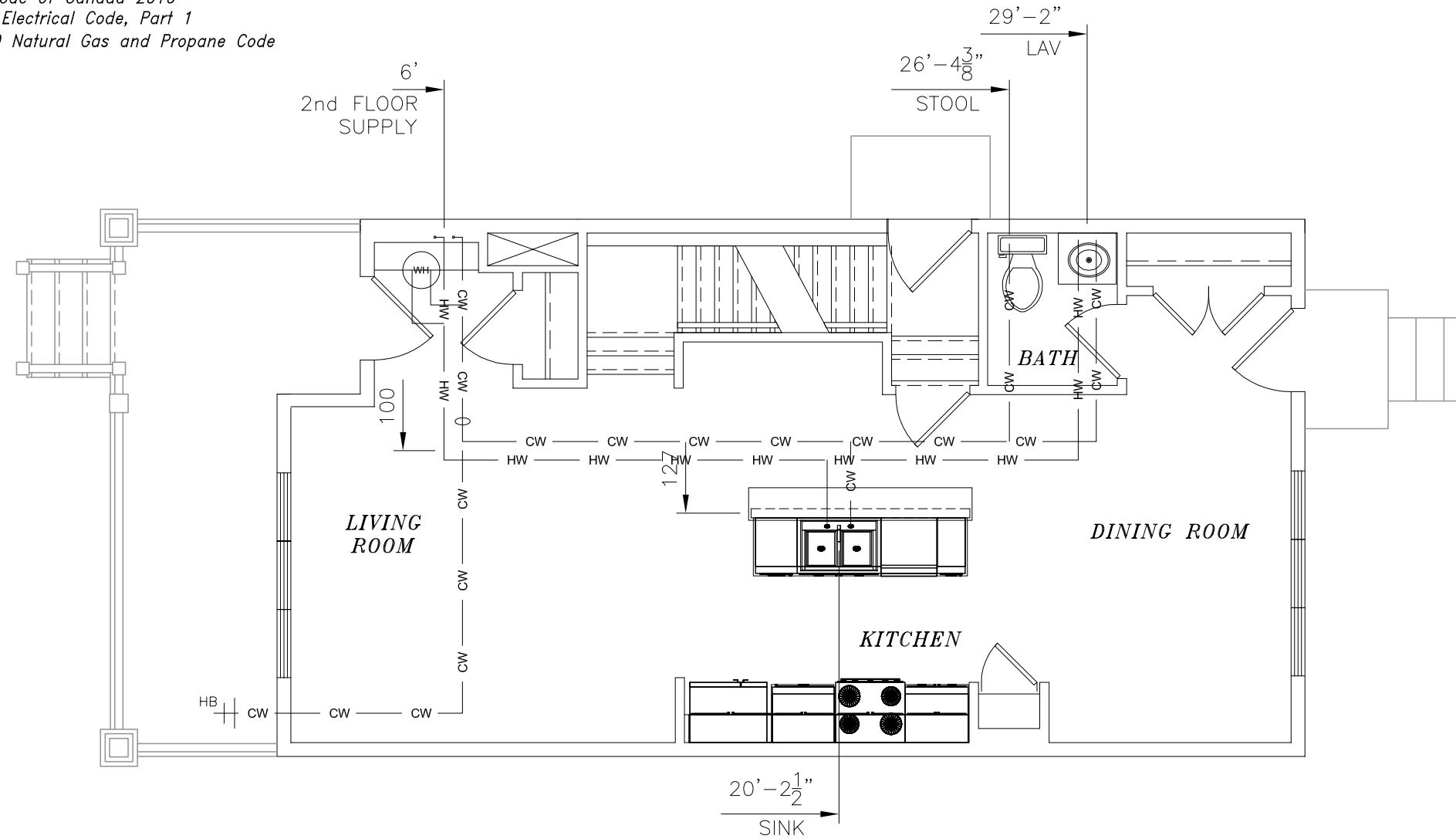


1660 Rowe Avenue  
P.O. Box 427  
Worthington, MN. 56187  
(507) 376-9460

TITLE: DWV RISER	MODEL NO.: K37-#1
DRWN BY: KHG DATE: FEB 25, 2014 REV.	SHEET: P-3.1
REFERENCE:	SIZE: 20' x 37'-0"

**PROVINCE**  
 Saskatchewan

**CODE**  
 National Building Code of Canada 2010  
 National Plumbing Code of Canada 2010  
 C22.1-12 Canadian Electrical Code, Part 1  
 CAN/CSA-B149.1-10 Natural Gas and Propane Code



**NOTE:**  
 1/2" PIPING CANNOT SERVE MORE THAN THREE  
 FIXTURES 0 DENOTES 3/4" LINE  
 COLD WATER LINE — CW — CW —  
 HOT WATER LINE — HW — HW —



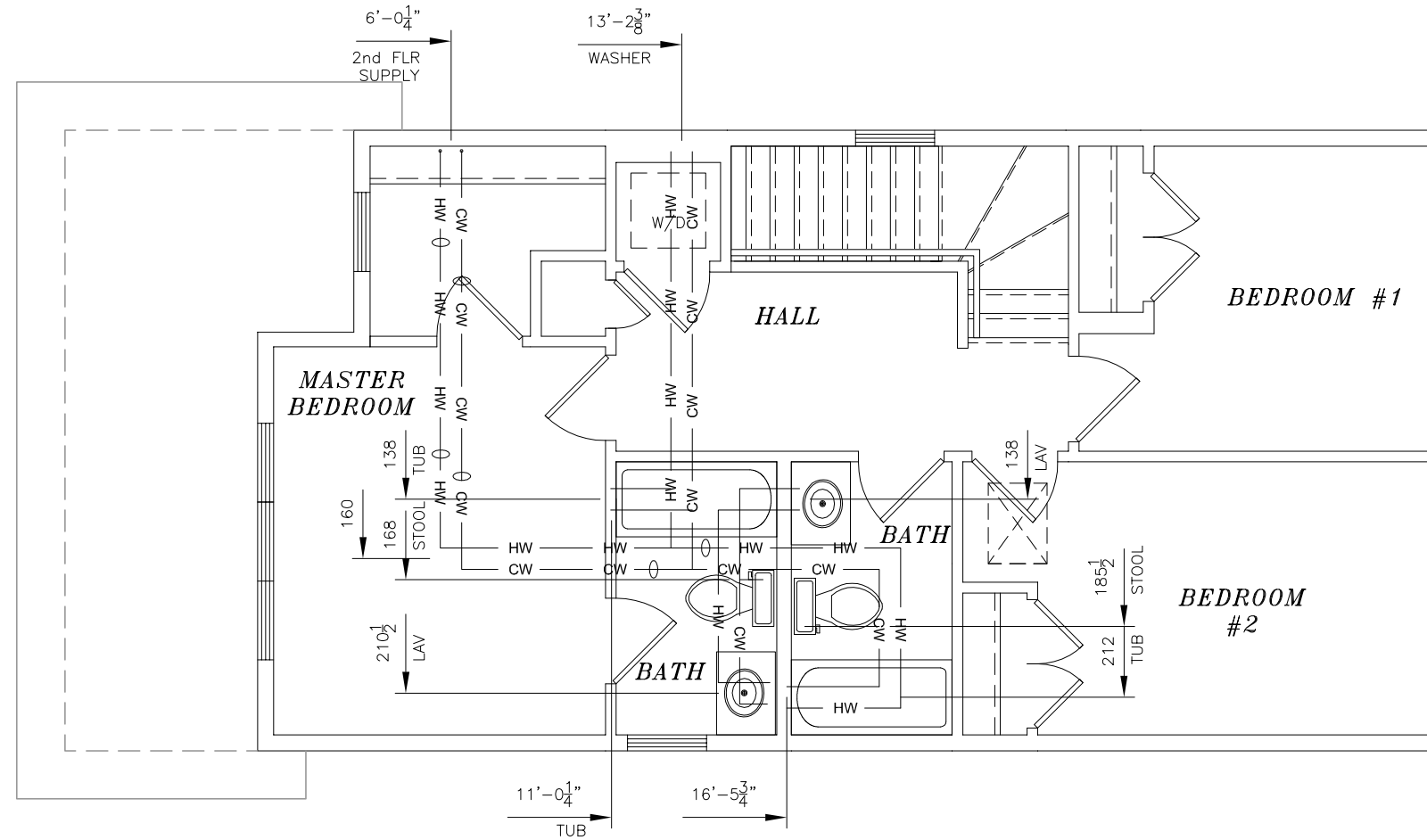
**CHAMPION**  
 CHAMPION HOME BUILDERS, INC

1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: MAIN LEVEL PLUMBING PLAN			MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 15, 2014	REV. 2/25/14	SHEET: P-2.1
REFERENCE: JULY 30, 2014			SIZE: 20' x 37'-0"

**PROVINCE**  
 Saskatchewan

**CODE**  
 National Building Code of Canada 2010  
 National Plumbing Code of Canada 2010  
 C22.1-12 Canadian Electrical Code, Part 1  
 CAN/CSA-B149.1-10 Natural Gas and Propane Code



**NOTE:**  
 1/2" PIPING CANNOT SERVE MORE THAN THREE  
 FIXTURES O DENOTES 3/4" LINE  
 COLD WATER LINE — CW — CW —  
 HOT WATER LINE — HW — HW —



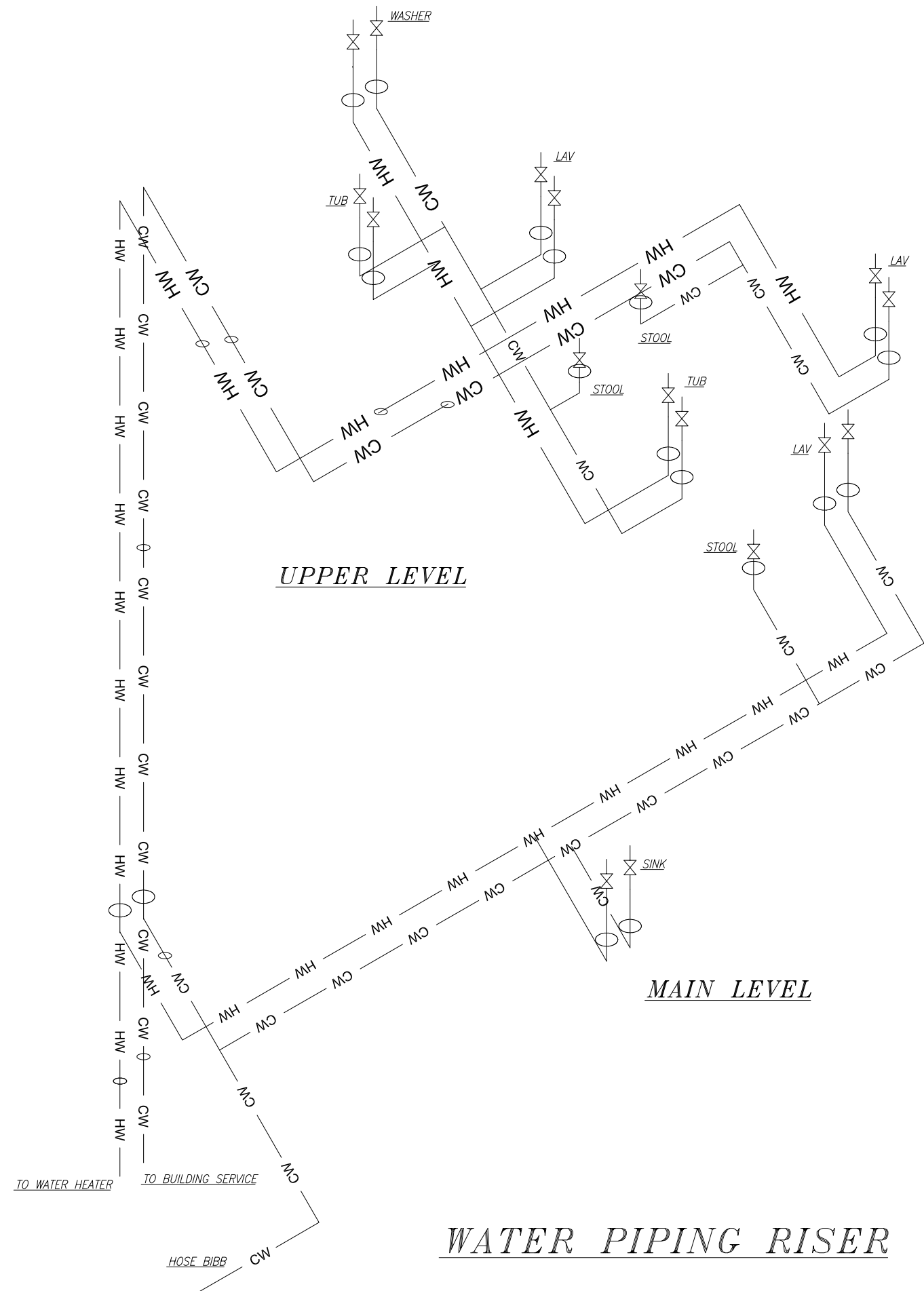
**CHAMPION**  
 CHAMPION HOME BUILDERS, INC

1660 Rowe Avenue  
 P.O. Box 427  
 Worthington, MN. 56187  
 (507) 376-9460

TITLE: UPPER LEVEL PLUMBING PLAN		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 15, 2014	REV.
REFERENCE:	JULY 30, 2014	SHEET: P-2.2
		SIZE: 20' x 37'-0"

PROVINCE  
Saskatchewan

CODE  
National Building Code of Canada 2010  
National Plumbing Code of Canada 2010  
C22.1-12 Canadian Electrical Code, Part 1  
CAN/CSA-B149.1-10 Natural Gas and Propane Code



UPPER LEVEL

MAIN LEVEL

WATER PIPING RISER

NOTE:

1/2" PIPING CANNOT SERVE MORE THAN THREE (3) FIXTURES

0 DENOTES 3/4" LINE

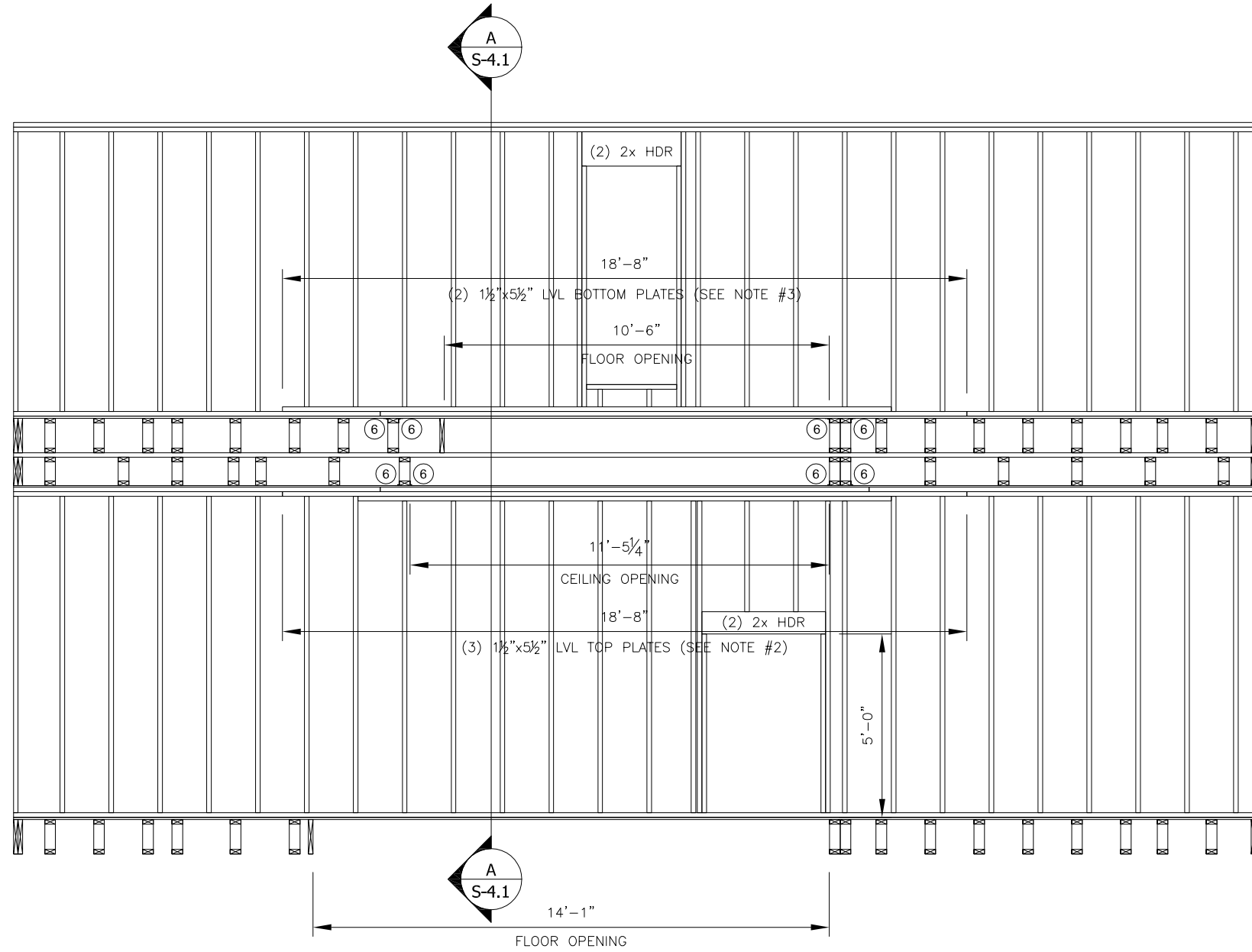
COLD WATER LINE

HOT WATER LINE

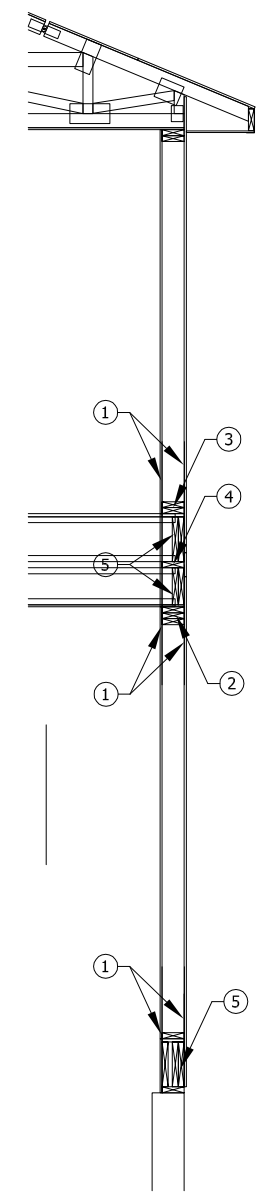
— CW — CW —  
— HW — HW —



<b>CHAMPION</b> CHAMPION HOME BUILDERS, INC		1660 Rowe Avenue P.O. Box 427 Worthington, MN. 56187 (507) 376-9460
TITLE: WATER RISER	DRWN BY: KHG	MODEL NO.: K37-#1
DATE: FEB 25, 2014	REV.	SHEET: P-3.2
REFERENCE:		SIZE: 20' x 37'-0"



**1 TALL WALL DESIGN**  
Scale: 1/4" = 1'-0"

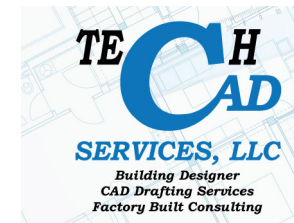


**2 SECTION A-A**  
Scale: 1/4" = 1'-0"

**TALL WALL DESIGN AT THE STAIRWELL**

ALL FRAMING SHALL BE PER PART 9 OF THE NBC 2010.

1. MSTA30 METAL STRAP BY SST OR EQUIVALENT EACH STUD - EXTERIOR AND INTERIOR WITH (10) 0.131" X 3 3/4" NAILS EACH END.
2. MAIN LEVEL WALL SHALL HAVE (3) 1 1/2"x5 1/2" 1.8E LVL TOP PLATES IN THE STAIRWELL OPENING. PLATE SPLICES SHALL BE OFFSET A MINIMUM OF 32". PLATES SHALL BE FASTENED TOGETHER WITH (2) ROWS OF 0.131" X 3 3/4" NAILS AT 6" O.C. PER PLY. (3) 0.131" X 3 3/4" NAILS PER STUD.
3. UPPER LEVEL WALL SHALL HAVE (2) 1 1/2"x5 1/2" 1.8E LVL BOTTOM PLATES IN THE STAIRWELL OPENING. PLATE SPLICES SHALL BE OFFSET A MINIMUM OF 32". PLATES SHALL BE FASTENED TOGETHER WITH (2) ROWS OF 0.131" X 3 3/4" NAILS AT 6" O.C. PER PLY. (3) 0.131" X 3 3/4" NAILS PER STUD.
4. 2x6 SPACER SHALL BE FASTENED TO CEILING PERIMETER JOIST WITH 0.131 X 3 3/4" NAILS AT 12" O.C. 2x6 SPACER SHALL BE FASTENED TO FLOOR PERIMETER JOIST WITH 0.131 X 3 3/4" NAILS AT 12" O.C. IN THE FIELD.
5. (2) 2x10 OR 2X12 CONTINUOUS HEADER. EXTRA PLY ADDED IN OPEN AREA.
6. STAIRWELL OPENING HEADERS SHALL BE FASTENED TO THE TOP AND BOTTOM PLATES WITH (2) A35 ANGLES BY SST OR EQUIVALENT PER MANUFACTURER'S SPECIFICATION.



<b>CHAMPION</b> CHAMPION HOME BUILDERS, INC		1660 Rowe Avenue P.O. Box 427 Worthington, MN. 56187 (507) 376-9460
TITLE: TALL WALL FRAMING AT STAIRWELL		MODEL NO.: K37-#1
DRWN BY: KHG	DATE: FEB 22, 2014	REV.
REFERENCE:	AUG 3, 2014	SHEET: S-4.1
		SIZE: 20' x 37'-0"