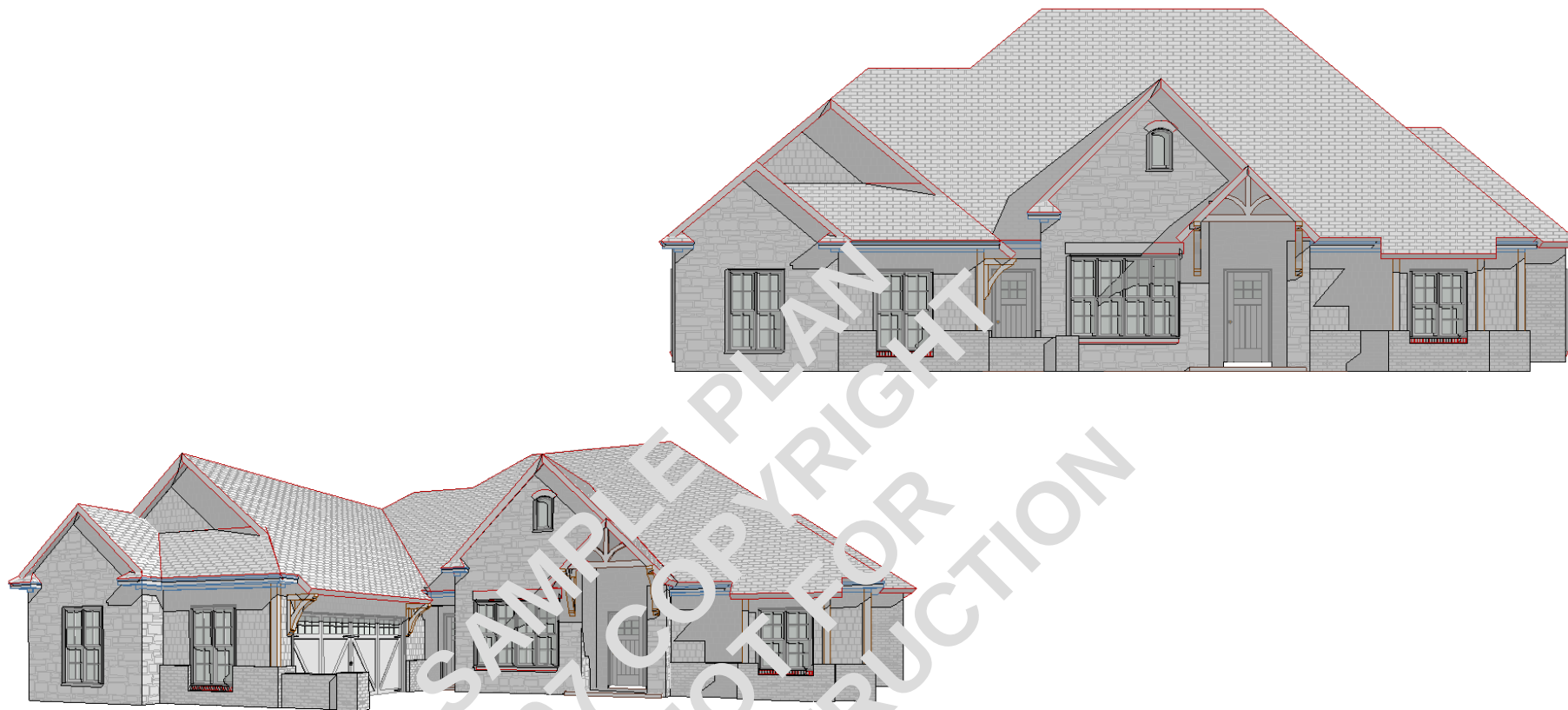




ABBREVIATIONS

AC	AP	DISP.	DISPOSAL or DISAPPEAR	H.W.	HARDWOOD or HOT WATER	POLY.	POLYETHYLENE	STR.	STRUCTURAL
A.C.	A.P.	DISP.	DISPOSAL or DISAPPEAR	H.W.	HARDWOOD or HOT WATER	POLY.	POLYETHYLENE	STR.	STRUCTURAL

SPECIFIC NOTES HAVE
BEEN REMOVED

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PLAN:
A-152-B1
IDEAL HOME

DIMENSIONS:
WIDTH: 66'-4"
DEPTH: 69'-11"

FOOTAGE:
1 First Floor: 2,414.1

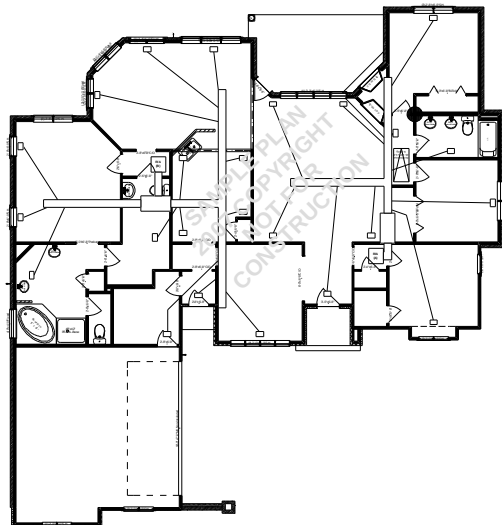
TOTAL LIVING: 2,414.1
Car/Storage: 535.2
Porch: 218.0
TOTAL ROOFED: 3,167.2

ROOMS:
FLOORS: 1
BEDROOMS: 4
BATHS: 2 1/2
STORAGE: 0
GARAGE/PORT: 2

CONTACT:

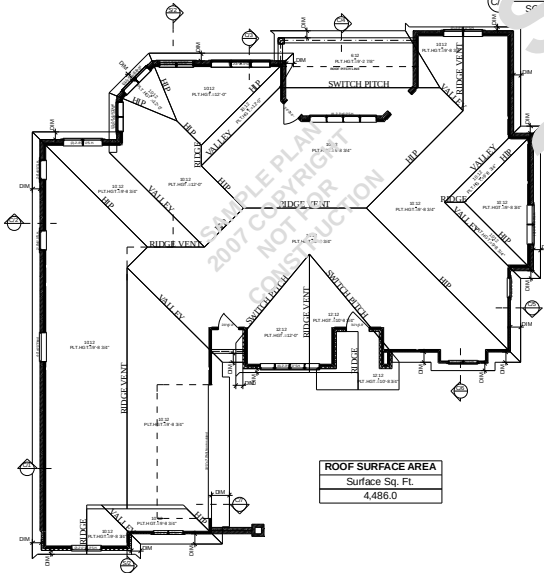
A-1
Cover

Review Set
3/21/2013



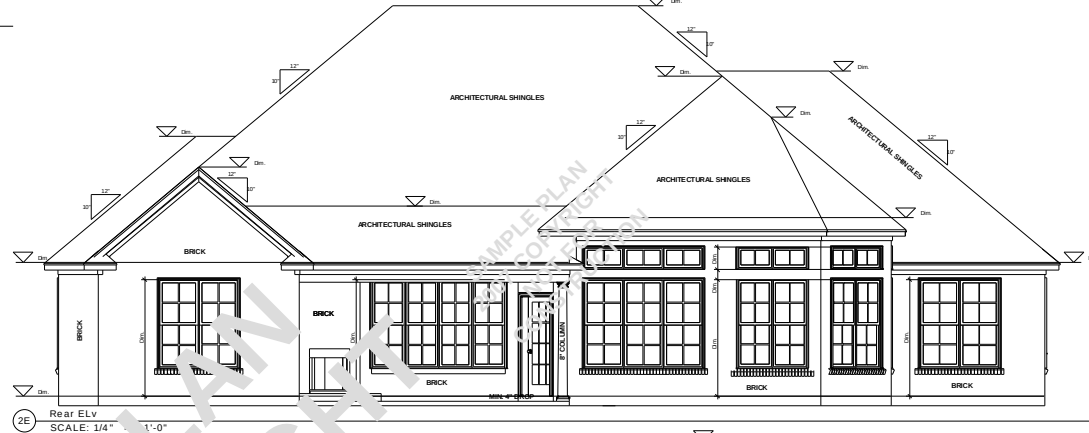
MC HVAC Plan
SCALE: 1/8" = 1'-0"

H.V.A.C. NOTES:
1. THE MECHANICAL SUBCONTRACTOR IS
SPECIFIC NOTES HAVE
BEEN REMOVED

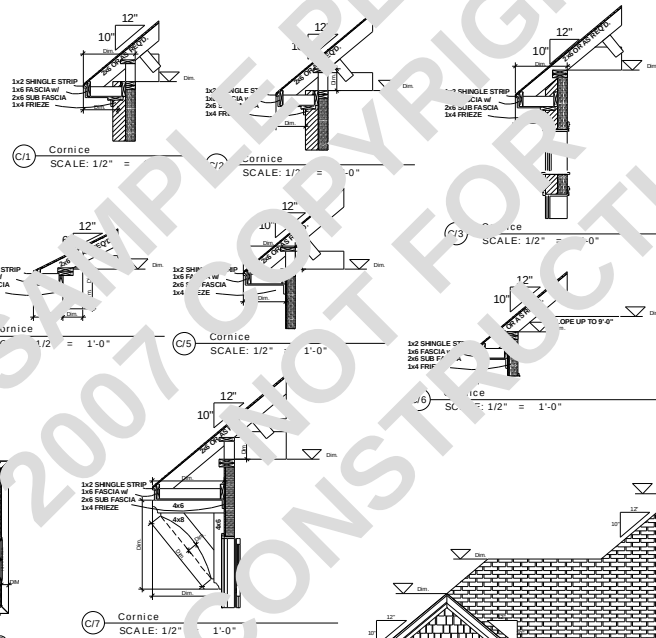


RP Roof Plan
SCALE: 1/8" = 1'-0"

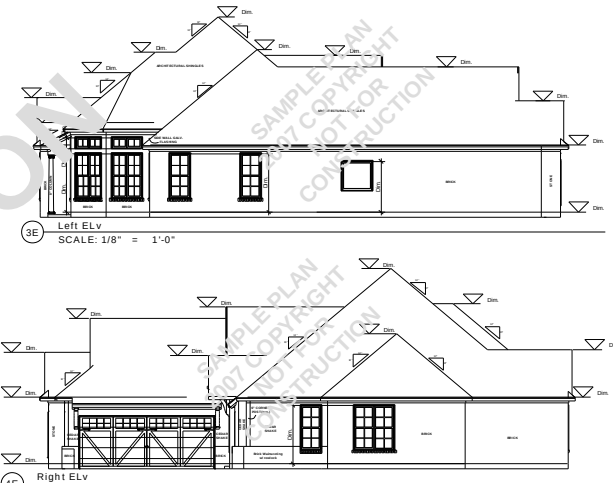
ROOF SURFACE AREA
Surface Sq. Ft.
4,486.0



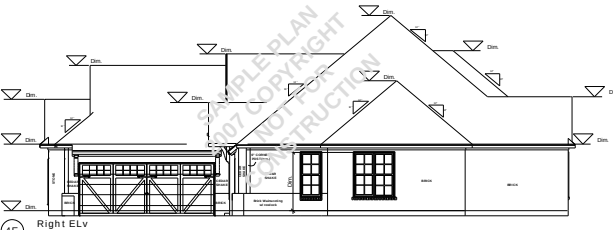
RE Rear ELV
SCALE: 1/4" = 1'-0"



FE Front ELV
SCALE: 1/4" = 1'-0"



LE Left ELV
SCALE: 1/8" = 1'-0"



RE Right ELV
SCALE: 1/8" = 1'-0"

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PLAN:
A-152-B1
IDEAL HOME

DIMENSIONS:
WIDTH: 66'-4"
DEPTH: 69'-11"

FOOTAGE:
1st Floor: 2,414.1

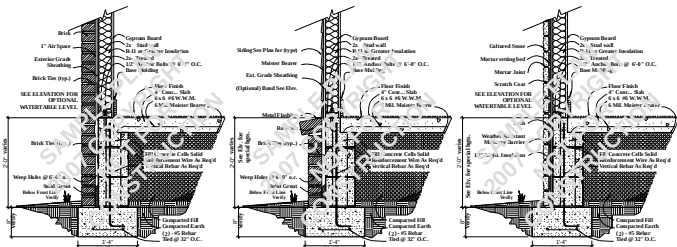
TOTAL LIVING 2,414.1
Car/Storage: 535.2
Porch: 218.0
TOTAL ROOFED 3,167.2

ROOMS:
FLOORS: 1
BEDROOMS: 4
BATHS: 2 1/2
STORAGE: 0
GARAGE/PORT: 2

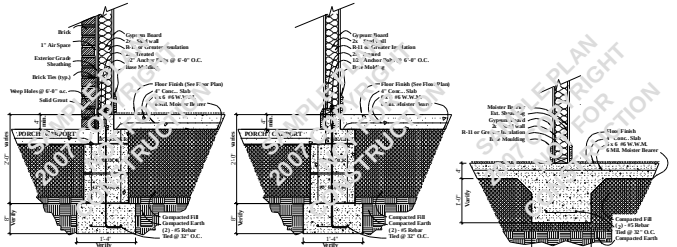
CONTACT:

A-2
Elevation

Review Set
3/21/2013



A1 Perimeter Foundation SCALE: 3/4" = 1'-0"
A2 Perimeter Foundation SCALE: 3/4" = 1'-0"
A3 Perimeter Foundation SCALE: 3/4" = 1'-0"



B1 Level Change Foundation SCALE: 3/4" = 1'-0"
B2 Level Change Foundation SCALE: 3/4" = 1'-0"
C1 Grade Beam Foundation SCALE: 3/4" = 1'-0"

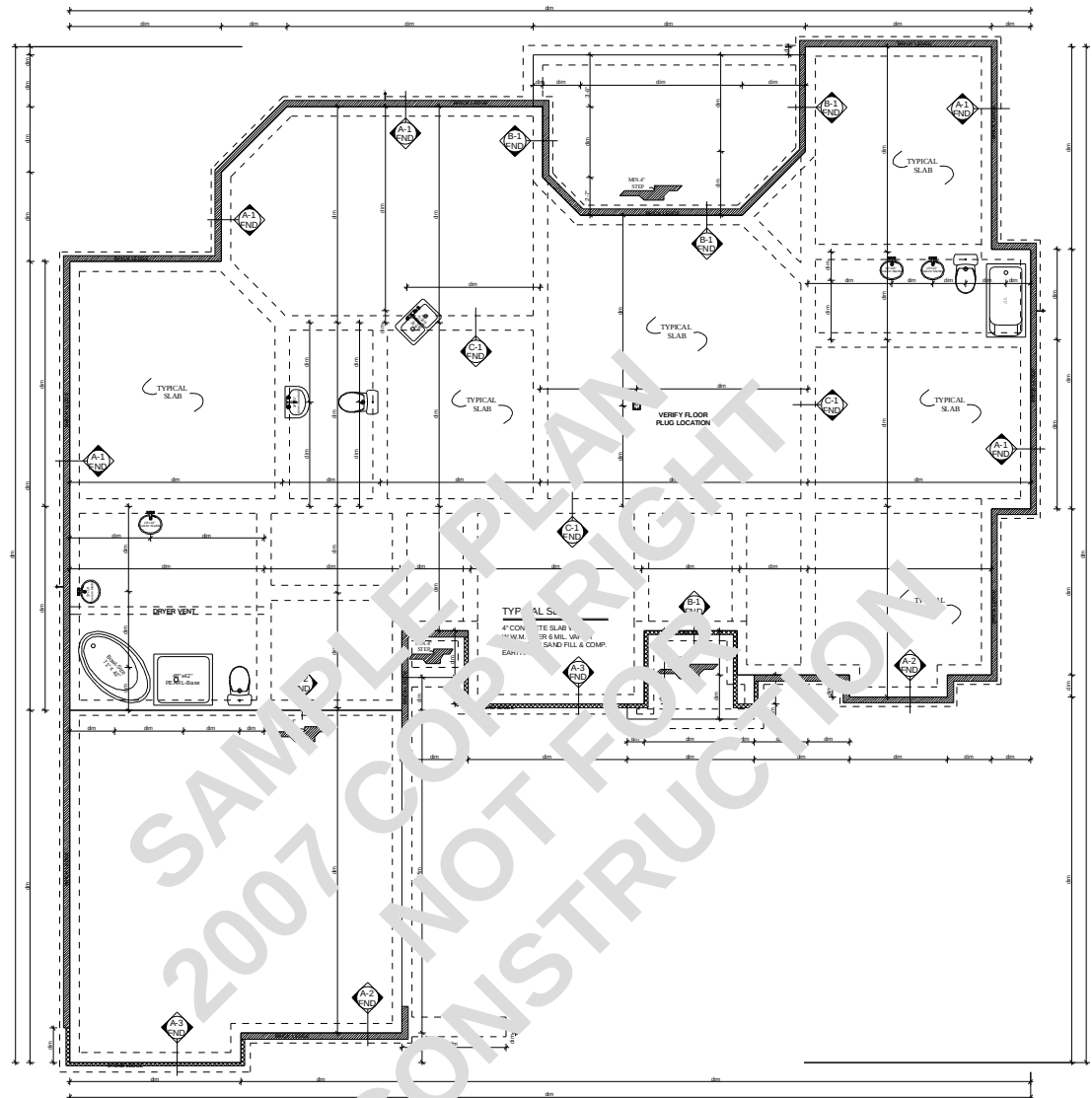
FOUNDATION NOTES:

1. THE FOUNDATION DATA SHOWN ON THIS DRAWING

SPECIFIC NOTES HAVE BEEN REMOVED

PLUMBING NOTES:

SPECIFIC NOTES HAVE BEEN REMOVED



FN FOUNDATION PLAN SCALE: 1/4" = 1'-0"

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PLAN:
A-152-B1
IDEAL HOME

DIMENSIONS:
WIDTH: 66'-4"
DEPTH: 69'-11"

FOOTAGE:
1 First Floor: 2,414.1

TOTAL LIVING: 2,414.1
Car/Storage: 535.2
Porch: 218.0

TOTAL ROOFED: 3,167.2

ROOMS:
FLOORS: 1
BEDROOMS: 4
BATHS: 2 1/2
STORAGE: 0
GARAGE/PORT: 2

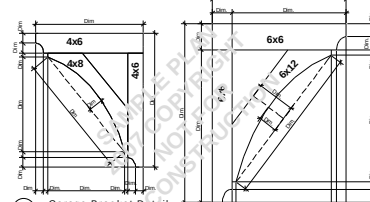
CONTACT:

A-3
Foundation

Review Set
3/21/2013

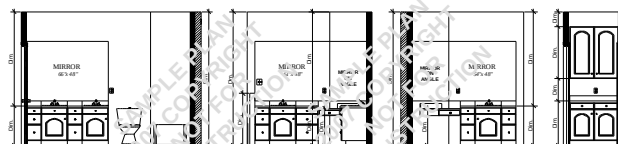
ALL DIMENSIONS ARE CALCULATED FROM

Technical drawing of a door and window assembly. The drawing includes a door with a transom and a window with a transom. Dimensions are provided for the door and window heights and widths. The door height is 68 1/2" and the window height is 68 1/2". The door width is 36" and the window width is 36". The door and window are shown in a cross-section view, indicating the internal structure and the placement of the door and window frames. The drawing is labeled with 'A' and 'B' to indicate the door and window respectively. The drawing is also labeled with '12\"



(D/1) Garage Bracket Detail
SCALE: $\frac{3}{4}" = 1'-0"$

(D/2) Porch Bracket Detail
SCALE: 3/4" = 1'-0"

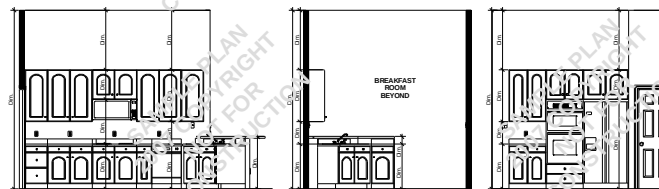


Bath 2
SCALE: 1/4" = 1'-0"

MB/1 Master Bath
SCALE: 1/4"

MB/2 Master Bath
SCALE: 1/4" = 1'-0"

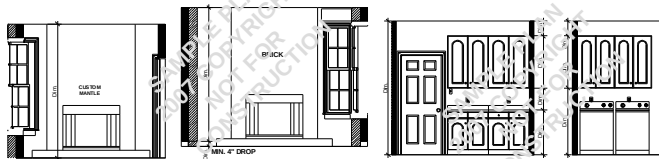
BP/1 Butler Pantry
SCALE: 1/4"



KT/1 Kitchen
SCALE: 1/4" = 1'-0"

Kitchen
SCALE: 1/4" = 1'-0"

Kitchen
SCALE: 1/4" = 1'-0"

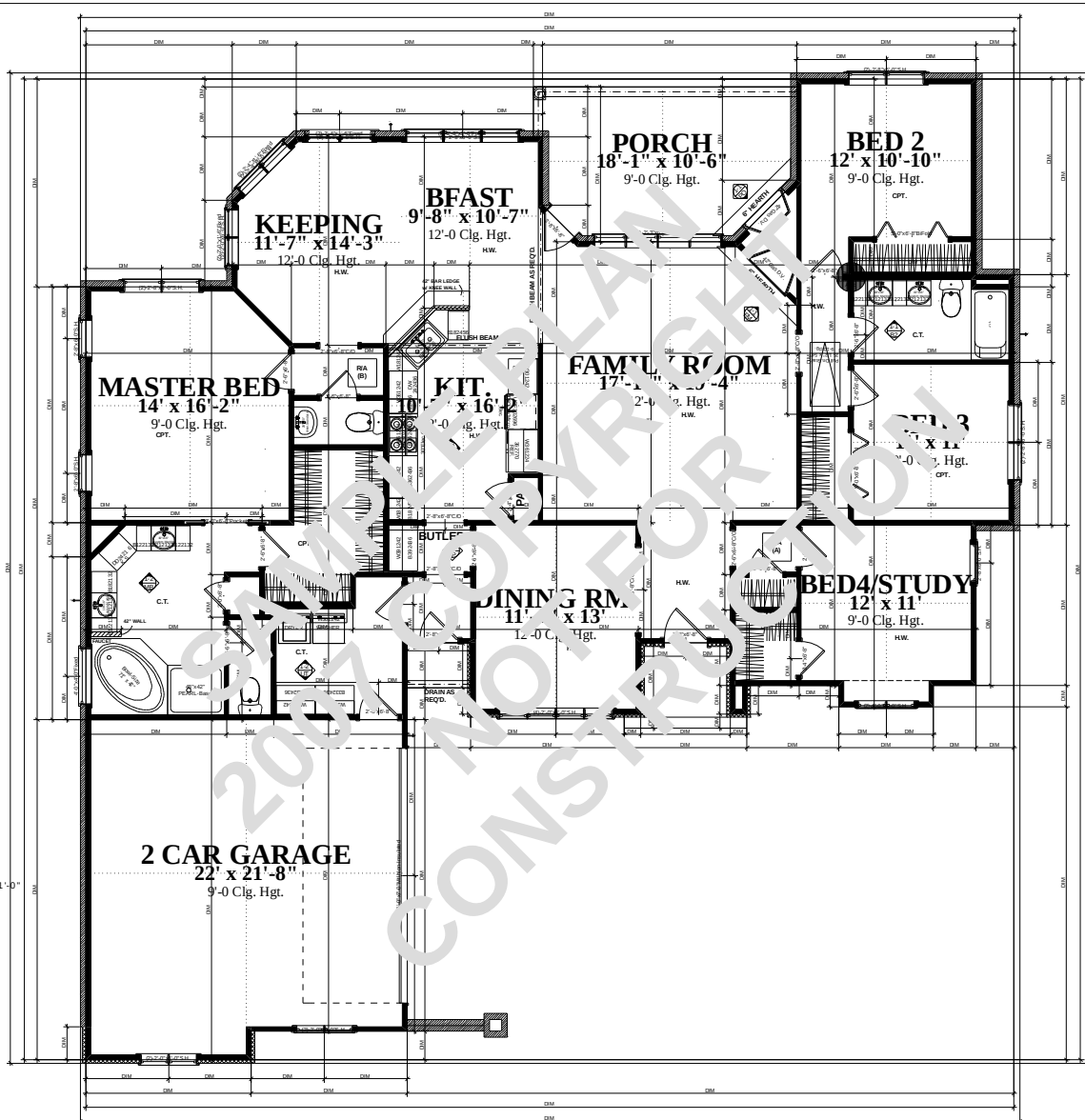


FM/1 Family Room
SCALE: 1/4" = 1'-0"

PO/1 Porch
SCALE: 1/4" = 1'-0"

Utility
SCALE: 1/4" = 1'-0"

Utility
SCALE: 1/4" = 1'-0"



 Floor Plan
 SCALE: 1/4" = 1'-0"

Table 1. Summary of the data sets used in the study							
Dataset	Event	Product Type	Product Category	Product Name	Product Brand	Product Weight (kg)	Product Status
Dataset 1	Event 1	Product Type 1	Product Category 1	Product Name 1	Product Brand 1	Product Weight (kg) 1	Product Status 1
Dataset 2	Event 2	Product Type 2	Product Category 2	Product Name 2	Product Brand 2	Product Weight (kg) 2	Product Status 2
Dataset 3	Event 3	Product Type 3	Product Category 3	Product Name 3	Product Brand 3	Product Weight (kg) 3	Product Status 3
Dataset 4	Event 4	Product Type 4	Product Category 4	Product Name 4	Product Brand 4	Product Weight (kg) 4	Product Status 4
Dataset 5	Event 5	Product Type 5	Product Category 5	Product Name 5	Product Brand 5	Product Weight (kg) 5	Product Status 5
Dataset 6	Event 6	Product Type 6	Product Category 6	Product Name 6	Product Brand 6	Product Weight (kg) 6	Product Status 6
Dataset 7	Event 7	Product Type 7	Product Category 7	Product Name 7	Product Brand 7	Product Weight (kg) 7	Product Status 7
Dataset 8	Event 8	Product Type 8	Product Category 8	Product Name 8	Product Brand 8	Product Weight (kg) 8	Product Status 8
Dataset 9	Event 9	Product Type 9	Product Category 9	Product Name 9	Product Brand 9	Product Weight (kg) 9	Product Status 9
Dataset 10	Event 10	Product Type 10	Product Category 10	Product Name 10	Product Brand 10	Product Weight (kg) 10	Product Status 10

CPD (Self-Reflection)						
Location	Date	Project Title	Project ID	Project Lead	Project Start/End Date	Project Outcome
Malawi	2019/09	Building	2019/09/01-2019/09/30	2019/09/01-2019/09/30	2019/09/01-2019/09/30	2019/09/01-2019/09/30
Malawi	2019/10	Building	2019/10/01-2019/10/31	2019/10/01-2019/10/31	2019/10/01-2019/10/31	2019/10/01-2019/10/31
Malawi	2019/11	Building	2019/11/01-2019/11/30	2019/11/01-2019/11/30	2019/11/01-2019/11/30	2019/11/01-2019/11/30
Malawi	2019/12	Building	2019/12/01-2019/12/31	2019/12/01-2019/12/31	2019/12/01-2019/12/31	2019/12/01-2019/12/31
Malawi	2020/01	Building	2020/01/01-2020/01/31	2020/01/01-2020/01/31	2020/01/01-2020/01/31	2020/01/01-2020/01/31
Malawi	2020/02	Building	2020/02/01-2020/02/28	2020/02/01-2020/02/28	2020/02/01-2020/02/28	2020/02/01-2020/02/28
Malawi	2020/03	Building	2020/03/01-2020/03/31	2020/03/01-2020/03/31	2020/03/01-2020/03/31	2020/03/01-2020/03/31
Malawi	2020/04	Building	2020/04/01-2020/04/30	2020/04/01-2020/04/30	2020/04/01-2020/04/30	2020/04/01-2020/04/30
Malawi	2020/05	Building	2020/05/01-2020/05/31	2020/05/01-2020/05/31	2020/05/01-2020/05/31	2020/05/01-2020/05/31
Malawi	2020/06	Building	2020/06/01-2020/06/30	2020/06/01-2020/06/30	2020/06/01-2020/06/30	2020/06/01-2020/06/30
Malawi	2020/07	Building	2020/07/01-2020/07/31	2020/07/01-2020/07/31	2020/07/01-2020/07/31	2020/07/01-2020/07/31
Malawi	2020/08	Building	2020/08/01-2020/08/31	2020/08/01-2020/08/31	2020/08/01-2020/08/31	2020/08/01-2020/08/31
Malawi	2020/09	Building	2020/09/01-2020/09/30	2020/09/01-2020/09/30	2020/09/01-2020/09/30	2020/09/01-2020/09/30
Malawi	2020/10	Building	2020/10/01-2020/10/31	2020/10/01-2020/10/31	2020/10/01-2020/10/31	2020/10/01-2020/10/31
Malawi	2020/11	Building	2020/11/01-2020/11/30	2020/11/01-2020/11/30	2020/11/01-2020/11/30	2020/11/01-2020/11/30
Malawi	2020/12	Building	2020/12/01-2020/12/31	2020/12/01-2020/12/31	2020/12/01-2020/12/31	2020/12/01-2020/12/31
Malawi	2021/01	Building	2021/01/01-2021/01/31	2021/01/01-2021/01/31	2021/01/01-2021/01/31	2021/01/01-2021/01/31
Malawi	2021/02	Building	2021/02/01-2021/02/28	2021/02/01-2021/02/28	2021/02/01-2021/02/28	2021/02/01-2021/02/28
Malawi	2021/03	Building	2021/03/01-2021/03/31	2021/03/01-2021/03/31	2021/03/01-2021/03/31	2021/03/01-2021/03/31
Malawi	2021/04	Building	2021/04/01-2021/04/30	2021/04/01-2021/04/30	2021/04/01-2021/04/30	2021/04/01-2021/04/30
Malawi	2021/05	Building	2021/05/01-2021/05/31	2021/05/01-2021/05/31	2021/05/01-2021/05/31	2021/05/01-2021/05/31
Malawi	2021/06	Building	2021/06/01-2021/06/30	2021/06/01-2021/06/30	2021/06/01-2021/06/30	2021/06/01-2021/06/30
Malawi	2021/07	Building	2021/07/01-2021/07/31	2021/07/01-2021/07/31	2021/07/01-2021/07/31	2021/07/01-2021/07/31
Malawi	2021/08	Building	2021/08/01-2021/08/31	2021/08/01-2021/08/31	2021/08/01-2021/08/31	2021/08/01-2021/08/31
Malawi	2021/09	Building	2021/09/01-2021/09/30	2021/09/01-2021/09/30	2021/09/01-2021/09/30	2021/09/01-2021/09/30
Malawi	2021/10	Building	2021/10/01-2021/10/31	2021/10/01-2021/10/31	2021/10/01-2021/10/31	2021/10/01-2021/10/31
Malawi	2021/11	Building	2021/11/01-2021/11/30	2021/11/01-2021/11/30	2021/11/01-2021/11/30	2021/11/01-2021/11/30
Malawi	2021/12	Building	2021/12/01-2021/12/31	2021/12/01-2021/12/31	2021/12/01-2021/12/31	2021/12/01-2021/12/3

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PLAN:
A-152-B1
IDEAL HOME

DIMENSIONS:

WIDTH: 66'-4"
DEPTH: 69'-11"

FOOTAGE:

1. First Floor: 2.414.1

TOTAL LIVING	2,414.1
--------------	---------

Car /Storage;	535.2
Porches;	218.0

TOTAL ROOFED	3,167.2
--------------	---------

ROOMS:

FLOORS: 1
BEDROOMS: 4
BATHS: 2 1/2
STORAGE: 0
GARAGE/PORT: 2

CONTACT:

A-4
Floor Plan(s)

Review Set
3/21/2013

THE ELECTRICAL PLANS ILLUSTRATE

ELECTRICAL SCHEDULE

Symbol	Qty	Description	Panel Schedule	Panel Number	Phase/Line	Panel Size
1	1	100 Amp Service				100
2	1	200 Amp Service				200
3	1	400 Amp Service				400
4	1	600 Amp Service				600
5	1	800 Amp Service				800
6	1	1000 Amp Service				1000
7	1	1200 Amp Service				1200
8	1	1500 Amp Service				1500
9	1	2000 Amp Service				2000
10	1	2500 Amp Service				2500
11	1	3000 Amp Service				3000
12	1	3500 Amp Service				3500
13	1	4000 Amp Service				4000
14	1	4500 Amp Service				4500
15	1	5000 Amp Service				5000
16	1	5500 Amp Service				5500
17	1	6000 Amp Service				6000
18	1	6500 Amp Service				6500
19	1	7000 Amp Service				7000
20	1	7500 Amp Service				7500
21	1	8000 Amp Service				8000
22	1	8500 Amp Service				8500
23	1	9000 Amp Service				9000
24	1	9500 Amp Service				9500
25	1	10000 Amp Service				10000
26	1	10500 Amp Service				10500
27	1	11000 Amp Service				11000
28	1	11500 Amp Service				11500
29	1	12000 Amp Service				12000
30	1	12500 Amp Service				12500
31	1	13000 Amp Service				13000
32	1	13500 Amp Service				13500
33	1	14000 Amp Service				14000
34	1	14500 Amp Service				14500
35	1	15000 Amp Service				15000
36	1	15500 Amp Service				15500
37	1	16000 Amp Service				16000
38	1	16500 Amp Service				16500
39	1	17000 Amp Service				17000
40	1	17500 Amp Service				17500
41	1	18000 Amp Service				18000
42	1	18500 Amp Service				18500
43	1	19000 Amp Service				19000
44	1	19500 Amp Service				19500
45	1	20000 Amp Service				20000
46	1	20500 Amp Service				20500
47	1	21000 Amp Service				21000
48	1	21500 Amp Service				21500
49	1	22000 Amp Service				22000
50	1	22500 Amp Service				22500
51	1	23000 Amp Service				23000
52	1	23500 Amp Service				23500
53	1	24000 Amp Service				24000
54	1	24500 Amp Service				24500
55	1	25000 Amp Service				25000
56	1	25500 Amp Service				25500
57	1	26000 Amp Service				26000
58	1	26500 Amp Service				26500
59	1	27000 Amp Service				27000
60	1	27500 Amp Service				27500
61	1	28000 Amp Service				28000
62	1	28500 Amp Service				28500
63	1	29000 Amp Service				29000
64	1	29500 Amp Service				29500
65	1	30000 Amp Service				30000
66	1	30500 Amp Service				

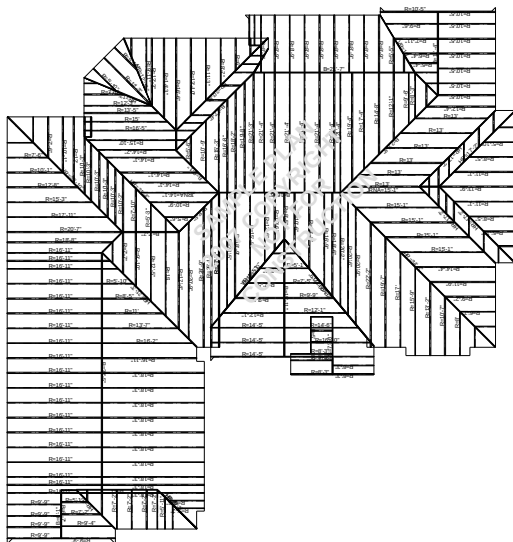
Electrical Plan
SCALE: 1/4" = 1'-0"

	RECEPTACLE 15 V		EXHAUST FAN AT RANGE HOOD
	RECEPTACLE WATERPROOF DUPLEX		SMOKE DETECTOR CHIMES
	RECEPTACLE GROUND FAULT INTERRUPT DUPLEX		CEILING MOUNTED LIGHT FIXTURE
	RECEPTACLE DUPLEX IN FLOOR		RECESS MOUNTED LIGHT FIXTURE
	SWITCH SINGLE POLE		WATERPROOF RECESS MOUNTED LIGHT FIXTURE
	SWITCH THREE WAY		RECESS MOUNTED EYEBALL SPOT FIXTURE
	SWITCH FOUR WAY		WALL MOUNTED FIXTURE
	PHONE JACK		PORCELAIN FIXTURE W/ PULL CORD SWITCH
	PHONE JACK WALL-MALL		UNDER CABINET LIGHTING
	PHONE JACK CABLE TV JACK		INTERCOM SPEAKER
	DOOR BELL		MASTER INTERCOM UNIT
	GARBAGE DISPOSAL		MASTER SECURITY UNIT
	INSTANT HOT WATER DISPENSER		SECURITY SYSTEM
	CENTRAL VACUUM UNIT		CEILING FAN
	FLUORESCENT STRIP LIGHT FIXTURE		CEILING FAN W/LIGHT
	WALL SCONCE		PRE-WIRE AND BLOCK FOR CEILING FAN
	FLOOD LIGHTS		
	EXHAUST FAN		
	EXHAUST FAN W/LIGHT		
	EXHAUST FAN W/ WIRE		
	EXHAUST FAN W/ WIRE AND LIGHT		

[illegible]

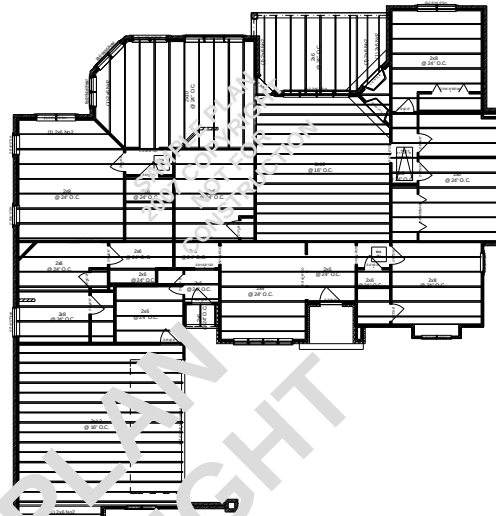
A-5
Electrical

Review Set
3/21/2013

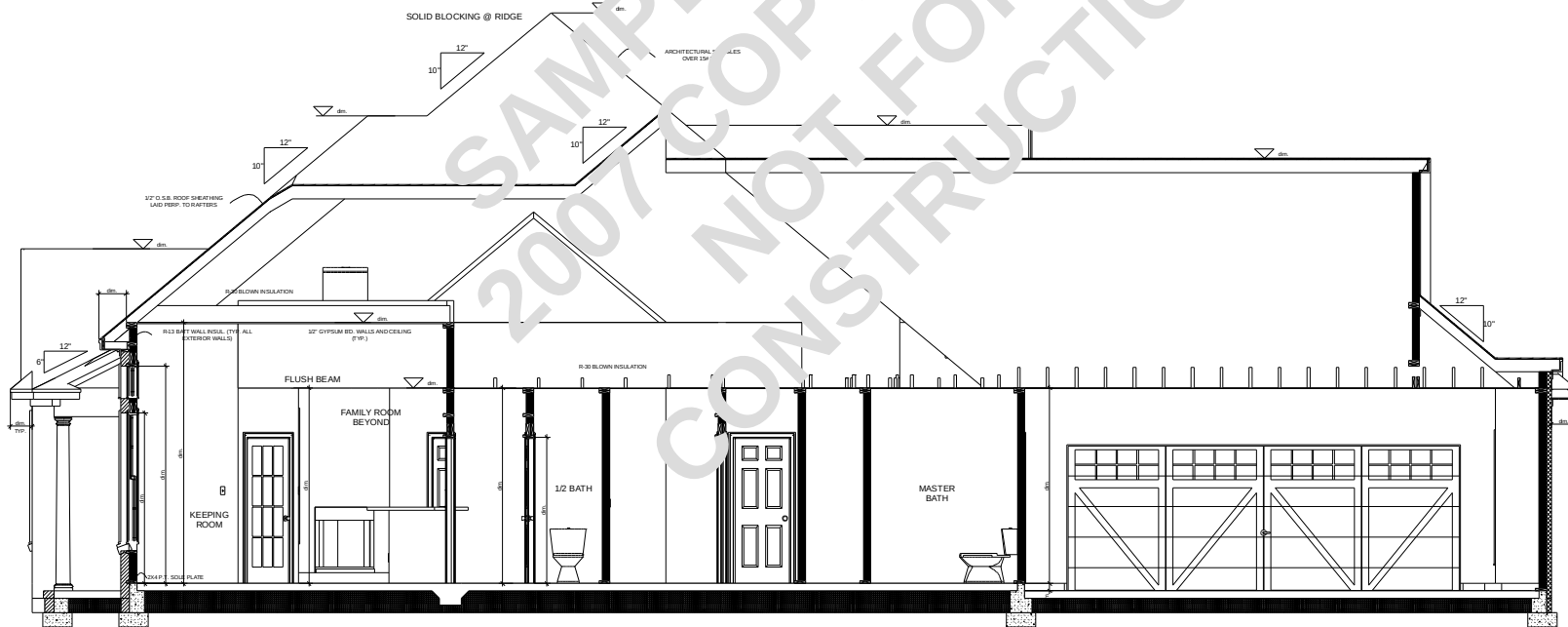


RP Rafter Plan
SCALE: 1/8" = 1'-0"

RAFTER TAKEOFF (verify allowable spans)		
Quantity	Rafter Length	Rafter Pitch
17	2X6X10	10:12
9	2X6X10	6:12
7	2X6X10	12:12
27	2X6X12	10:12
20	2X6X14	10:12
2	2X6X14	12:12
20	2X6X16	10:12
4	2X6X16	12:12
29	2X6X18	10:12
2	2X6X18	12:12
17	2X6X20	10:12
14	2X6X22	10:12
1	2X6X24	10:12
1	2X6X26	10:12
3	2X6X28	10:12
38	2X6X4	10:12
1	2X6X4	6:12
2	2X6X4	12:12
7	2X6X8	12:12
34	2X6X9	10:12
3	2X6X9	6:12
9	2X8X10	<>
3	2X8X12	<>
2	2X8X14	<>
1	2X8X16	<>
7	2X8X18	<>
1	2X8X20	<>
6	2X8X22	<>
1	2X8X24	<>
1	2X8X26	<>
1	2X8X33	<>
1	2X8X35	<>
6	2X8X4	<>
9	2X8X8	<>



FF Floor Framing
SCALE: 1/8" = 1'-0"



S/2 Section
SCALE: 3/8" = 1'-0"

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PLAN:
A-152-B1
IDEAL HOME

DIMENSIONS:
WIDTH: 66'-4"
DEPTH: 69'-11"

FOOTAGE:
1 First Floor: 2,414.1

TOTAL LIVING: 2,414.1
Car/Storage: 535.2
Patches: 218.0

TOTAL ROOFED: 3,167.2

ROOMS:
FLOORS: 1
BEDROOMS: 4
BATHS: 2 1/2
STORAGE: 0
GARAGE/PORT: 2

CONTACT:

A-6
Sections

Review Set
3/21/2013