

# HOUSE RENOVATION PLANS

4468 SPRINGBROOK ROAD  
JACKSON, MICHIGAN 49201

## PROJECT PARTICIPANTS

OWNER: CHARLES R. & SHIRLEY A. WITHERELL  
4468 SPRINGBROOK ROAD  
JACKSON, MICHIGAN 49201

ENGINEER: ECLIPSE DESIGN SERVICES  
4468 SPRINGBROOK ROAD  
JACKSON, MICHIGAN 49201

TEL: (517) 782-4099  
FAX: (517) 782-1092

## DRAWING INDEX

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FRAMING DETAILS

## BUILDING INFORMATION

USE GROUP CLASSIFICATION: R-3

CONSTRUCTION TYPE: 5B UNPROTECTED

BUILDING IS ONE STORY RESIDENCE WITH FULL BASEMENT

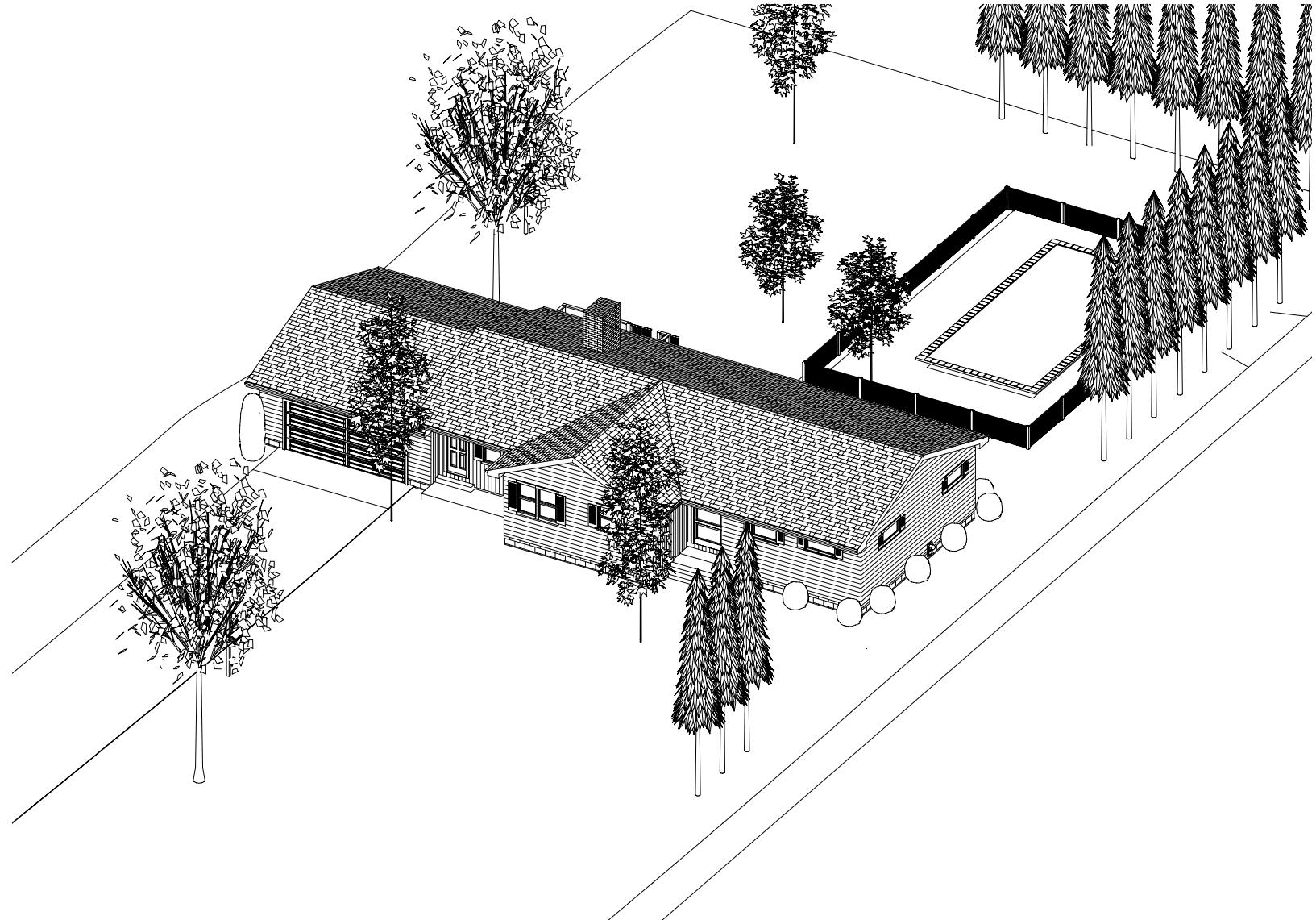
SQUARE FOOTAGE:

1,314	S.F.	BASEMENT
1,314	S.F.	1st FLOOR

DESIGN LOADS:

FLOOR LIVE LOAD - 40 P.S.F.  
ROOF LIVE LOAD - 12 P.S.F.  
ROOF DEAD LOAD - 15 P.S.F.  
GROUND SNOW LOAD - 30 P.S.F.  
BASIC WIND SPEED - 75 M.P.H.

ALL MECHANICAL & ELECTRICAL SHALL BE INSTALLED PER ALL  
STATE & LOCAL BUILDING CODES



Dr	Date	By	App	File:
C.R.W.	05/14/04			
Des	C.R.W.			
Ckr	C.R.W.			
App	C.R. WITHERELL, P.E. (MI-25411)			
Rev	Date	Description		
0	04/15/04	ISSUED FOR CONSTRUCTION		

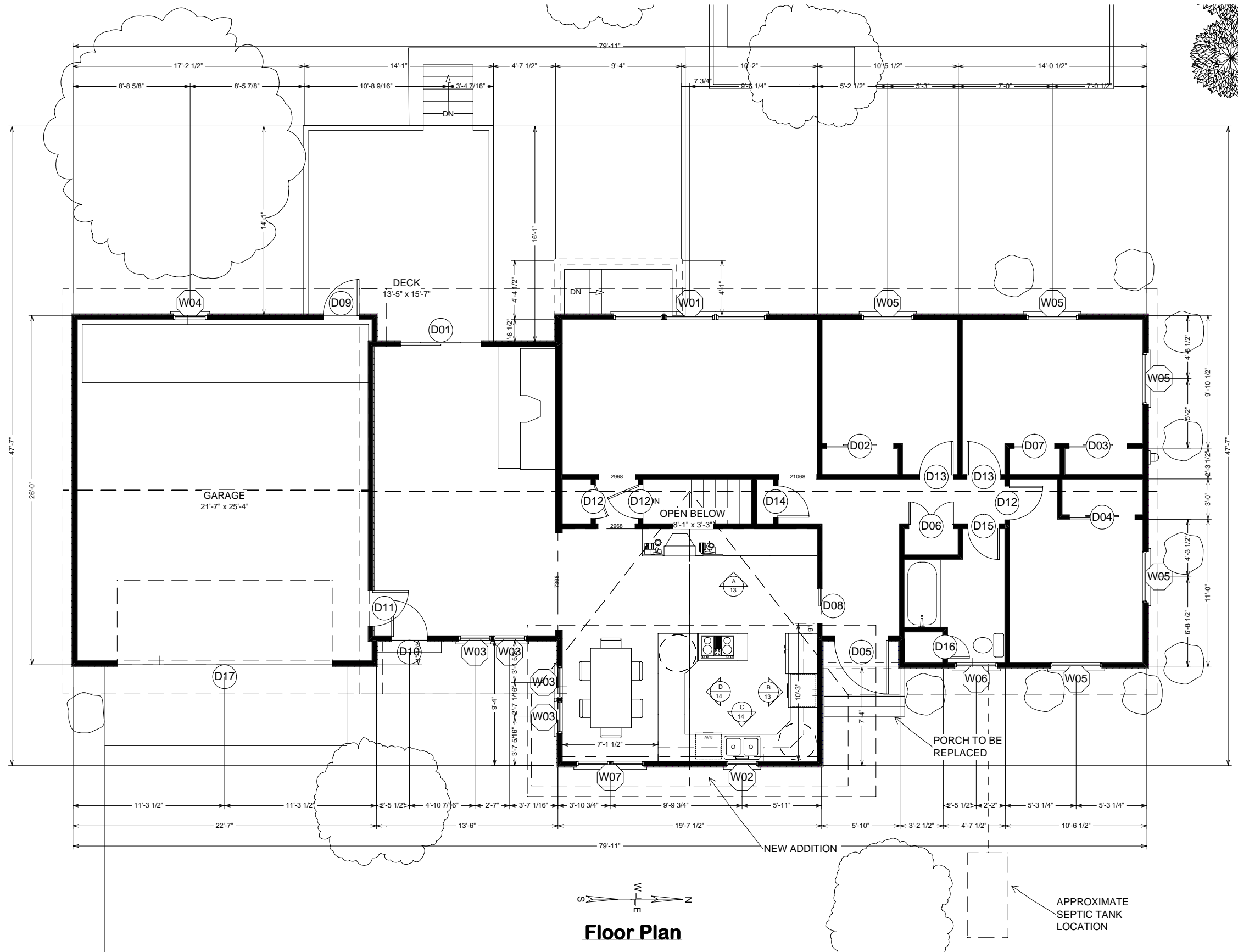


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Jackson, Michigan 49201

TITLE PAGE

Sheet Title		Sheet	Rev
<b>MAJOR RENOVATION PRIVATE RESIDENCE</b> OPTION #1		1	0
Scale	Drawing Number		
Proj. No. 40-6000-000	<b>6000-C/S-001</b>		

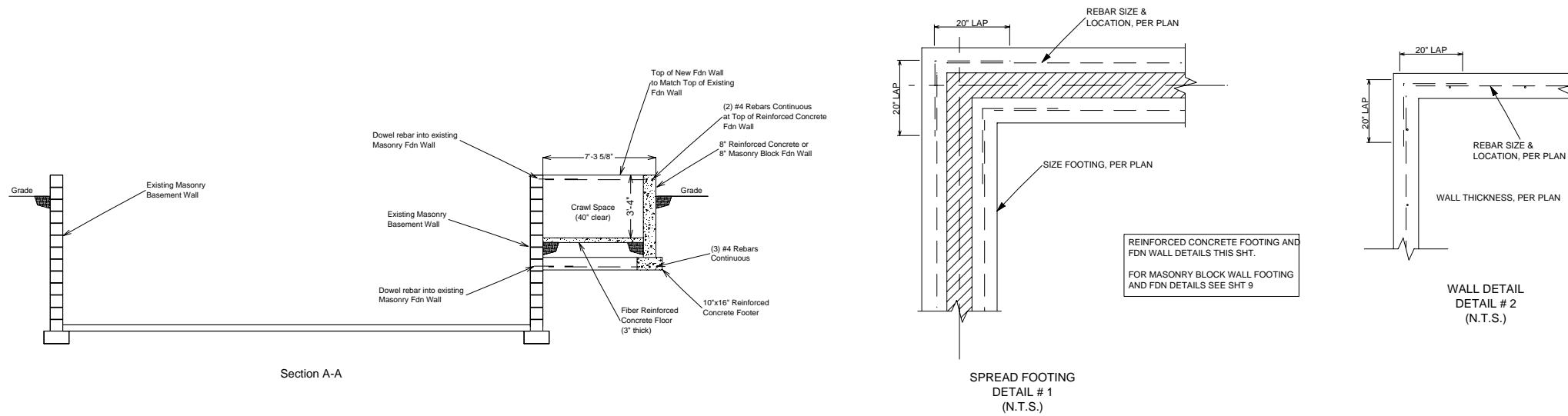
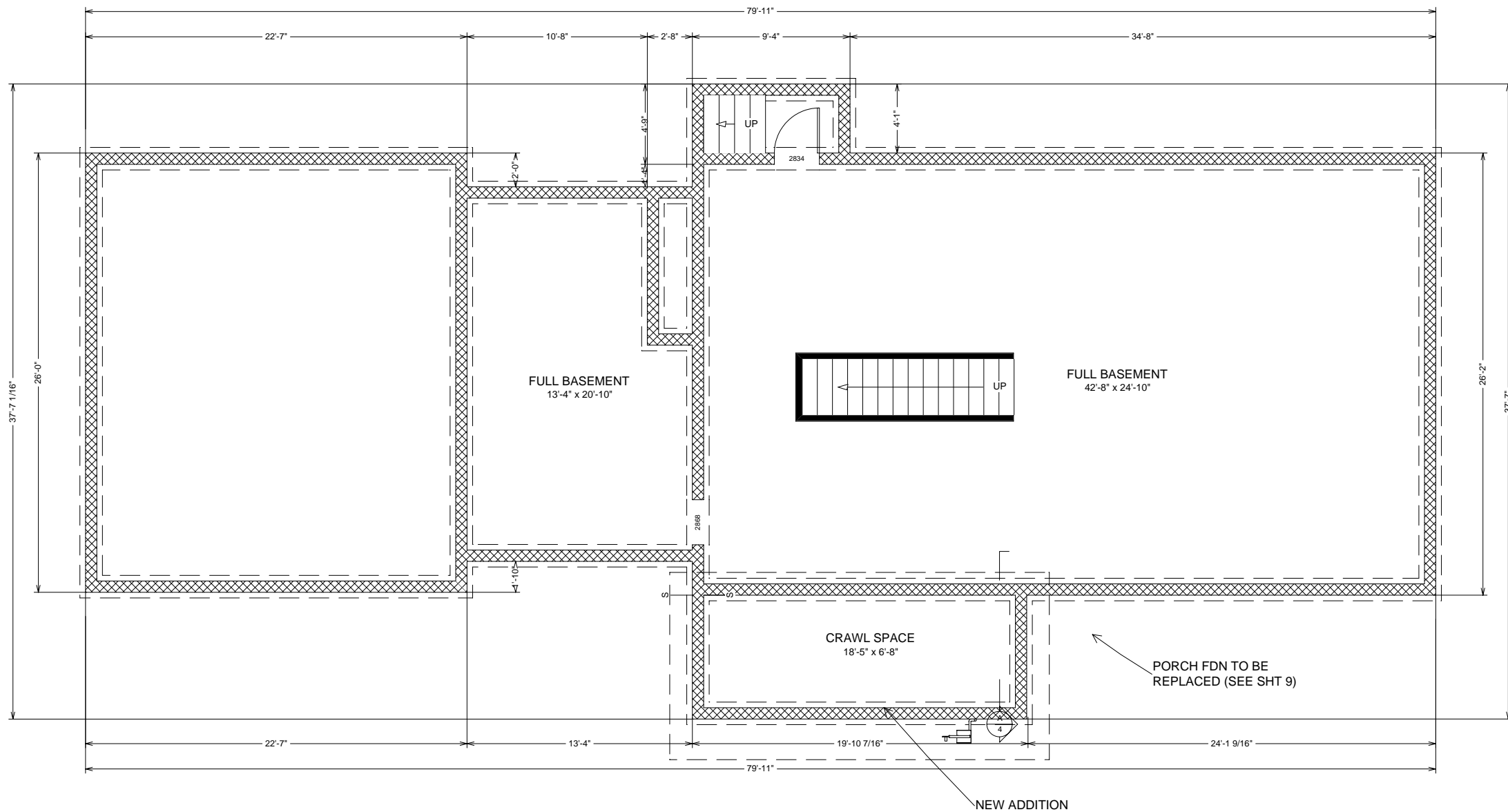




**Floor Plan**

			Dr C.R.W. 05/14/04 Des C.R.W. 05/14/04 Ckr App C.R. WITHERELL, P.E. (MI-25411) File:			 4468 Springbrook Road Jackson, Michigan 49201	CLIENT <b>CHARLES R. WITHERELL</b> 4468 Springbrook Road Jackson, Michigan 49201		Sheet Title <b>MAJOR RENOVATION          PRIVATE RESIDENCE</b> OPTION #1			
Drawing No Reference Drawings Rev Date Description By App File:			0 04/15/04 ISSUED FOR CONSTRUCTION C.R.W. C.R.W.		<b>1st FLOOR PLAN</b>		Scale Proj. No. 40-6000-000		Drawing Number <b>6000-C/S-001</b>		Sheet <b>3</b>	Rev <b>0</b>



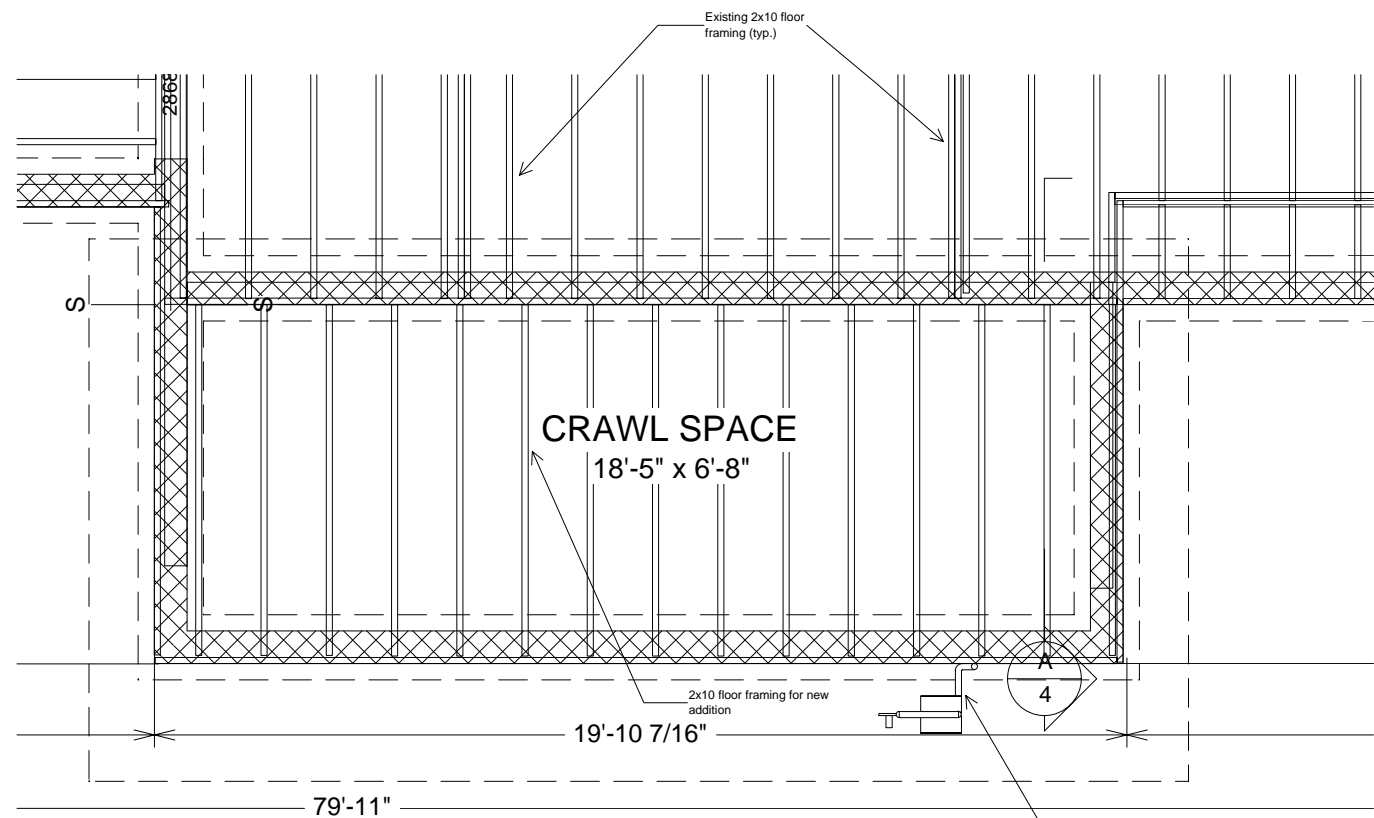


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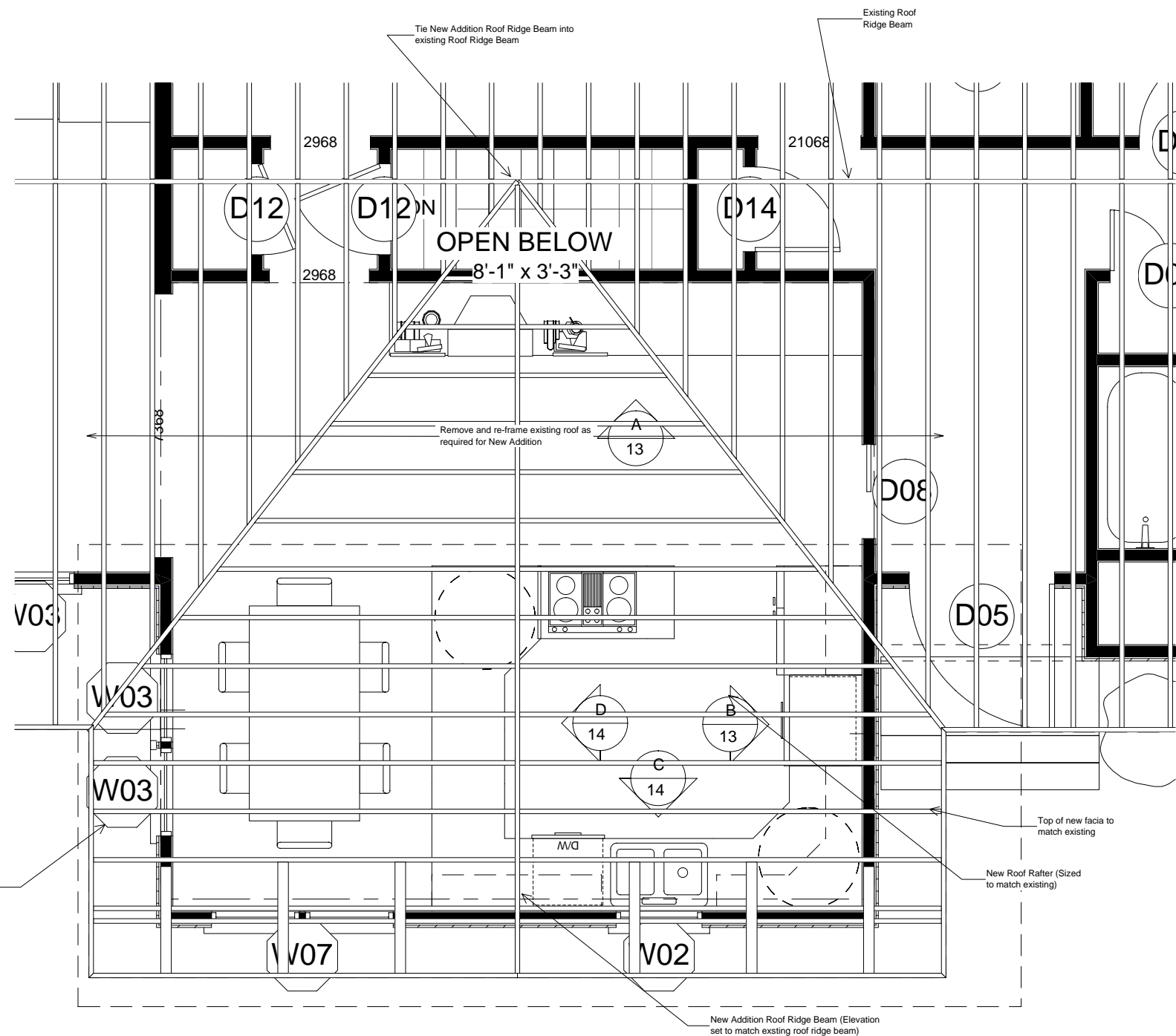
  
**Eclipse**  
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**FOUNDATION PLAN**

Sheet Title		Drawing Number		Sheet	Rev
<b>MAJOR RENOVATION PRIVATE RESIDENCE</b> OPTION #1		<b>6000-C/S-001</b>		<b>4</b>	<b>0</b>
Scale	Proj. No. 40-6000-000				



**New Addition Floor Framing**



**New Addition Roof Framing**

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		0	04/15/04	ISSUED FOR CONSTRUCTION	C.R.W.	C.R.W.	

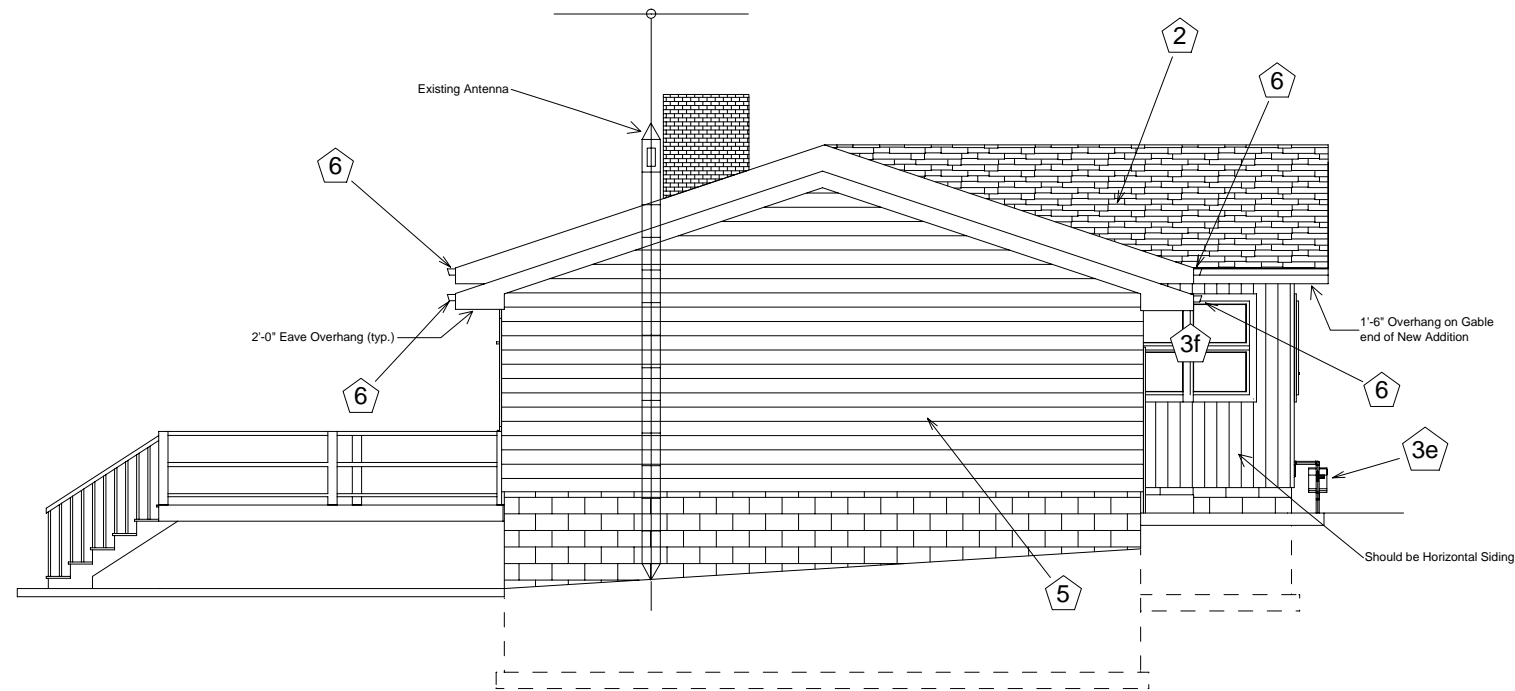
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**FLOOR/ROOF FRAMING**

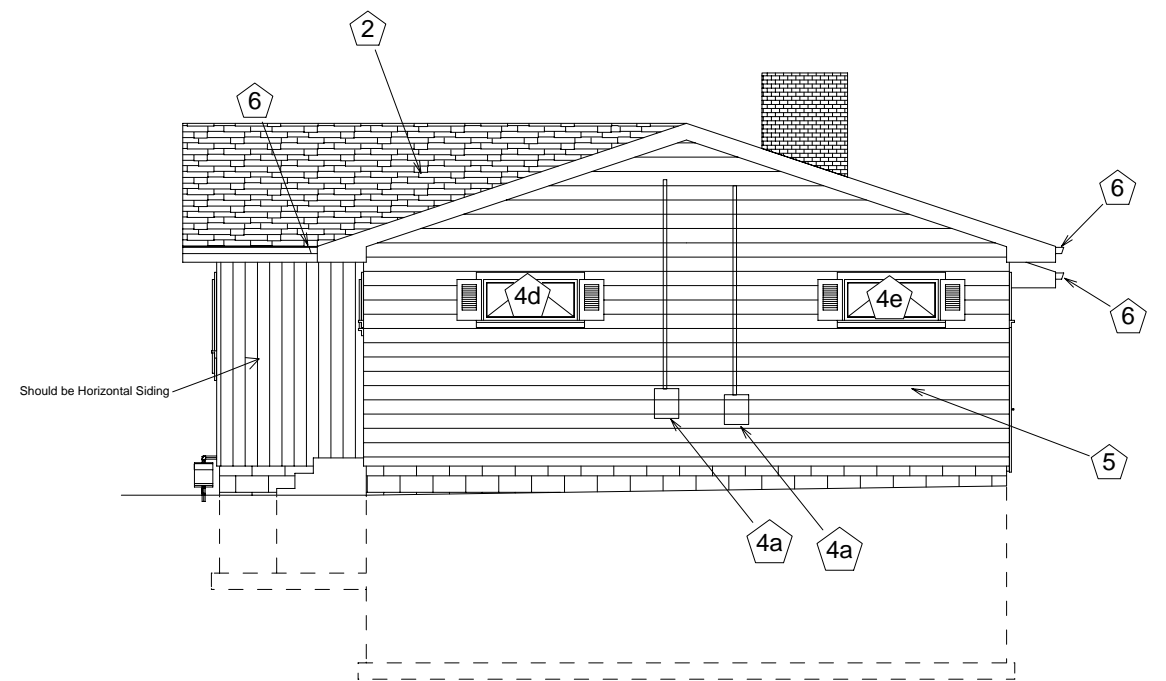
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 OPTION #1  
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**6000-C/S-001**

Scale  
 Proj. No. 40-6000-000

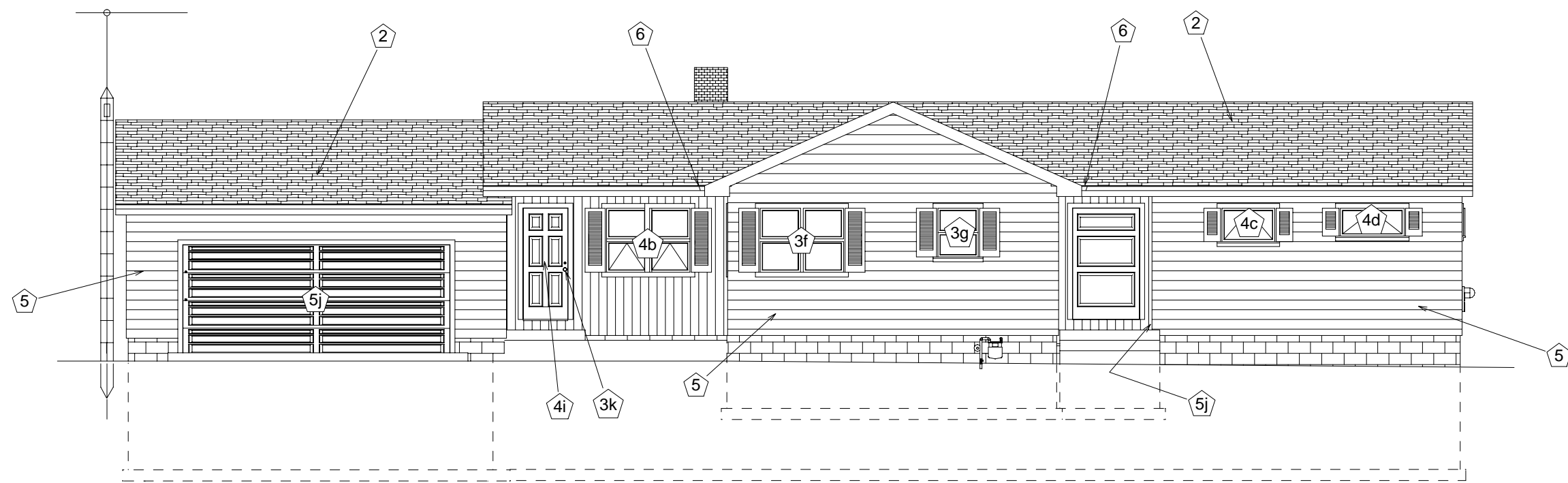
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 Rev 0



**South Elev.**



**North Elev.**

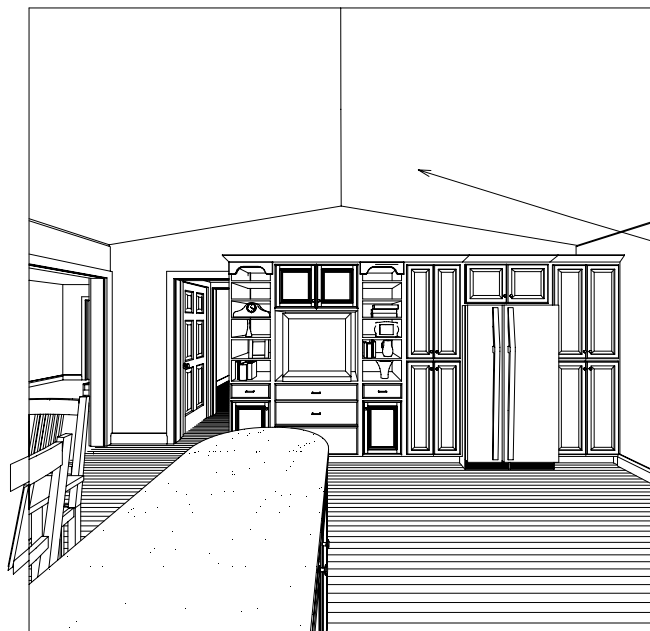


**Front Elev.**

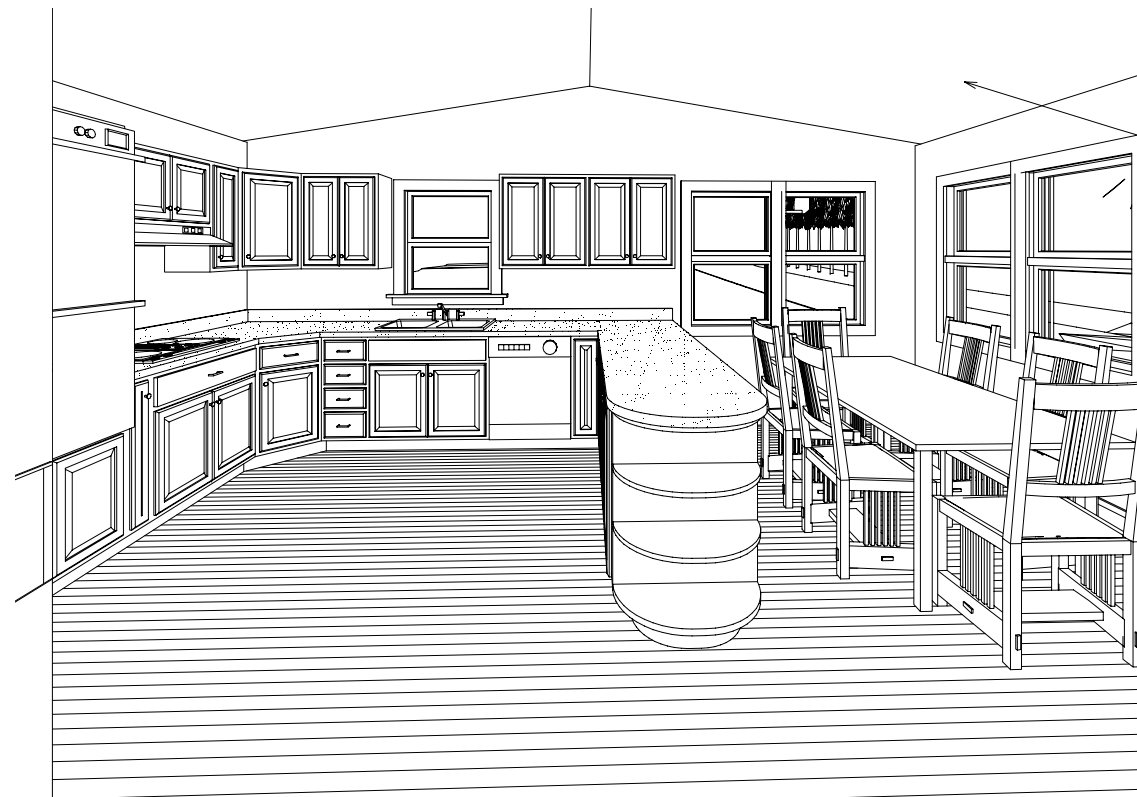
						Dr C.R.W. 05/14/04 Des C.R.W. 05/14/04 Ckr App C.R. WITHERELL, P.E. (MI-25411)		 <p>4468 Springbrook Road Jackson, Michigan 49201</p>	CLIENT <b>CHARLES R. WITHERELL</b> 4468 Springbrook Road Jackson, Michigan 49201		Sheet Title <b>MAJOR RENOVATION PRIVATE RESIDENCE</b> OPTION #1		Scale Proj. No. 40-6000-000	Drawing Number <b>6000-C/S-001</b>	Sheet <b>6</b>	Rev <b>0</b>
Drawing No	Reference Drawings	Rev	Date	Description	By	App	File:		<b>EXTERIOR ELEVATIONS</b>							



**Back Elev.**



Vaulted Ceiling in Dining Room/Kitchen 2:12



Vaulted Ceiling in Dining Room/Kitchen 2:12

Dr	C.R.W.	Date	05/14/04
Des	C.R.W.	Date	05/14/04
Ckr			
App	C.R. WITHERELL, P.E. (MI-25411)		
By	C.R.W.	Rev	0
App	C.R.W.	Date	04/15/04
File:		Description	ISSUED FOR CONSTRUCTION
Drawing No	Reference Drawings	Rev	Date



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<b>EXTERIOR/INTERIOR ELEVATIONS</b>	

Sheet Title			
<b>MAJOR RENOVATION PRIVATE RESIDENCE</b>			
OPTION #1			
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Proj. No. 40-6000-000	<b>6000-C/S-001</b>	<b>7</b>	<b>0</b>





Drawing No	Reference Drawings	Rev	Date	Description	By	App	File:
		0	04/15/04	ISSUED FOR CONSTRUCTION	C.R.W.	C.R.W.	App C.R. WITHERELL, P.E. (MI-25411)



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**INTERIOR ELEVATIONS**

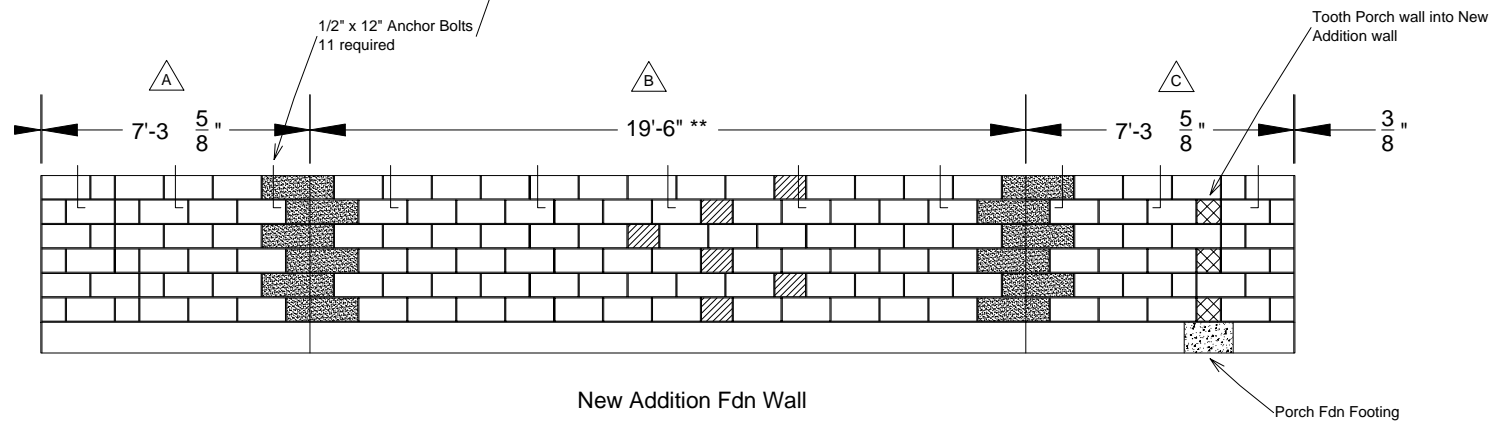
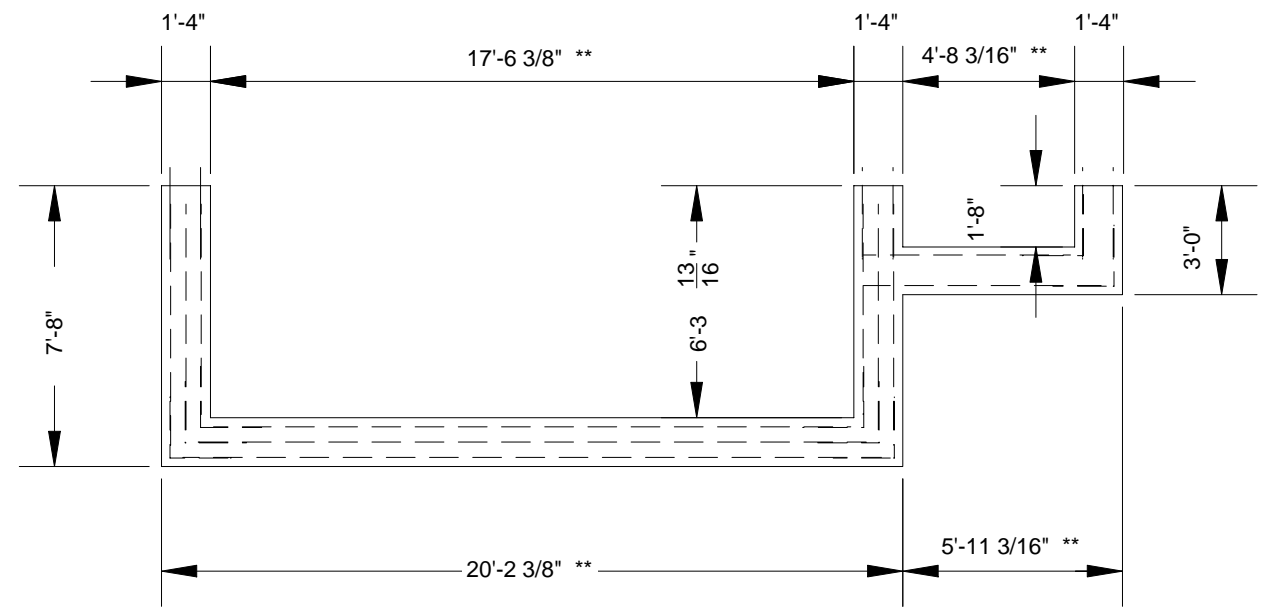
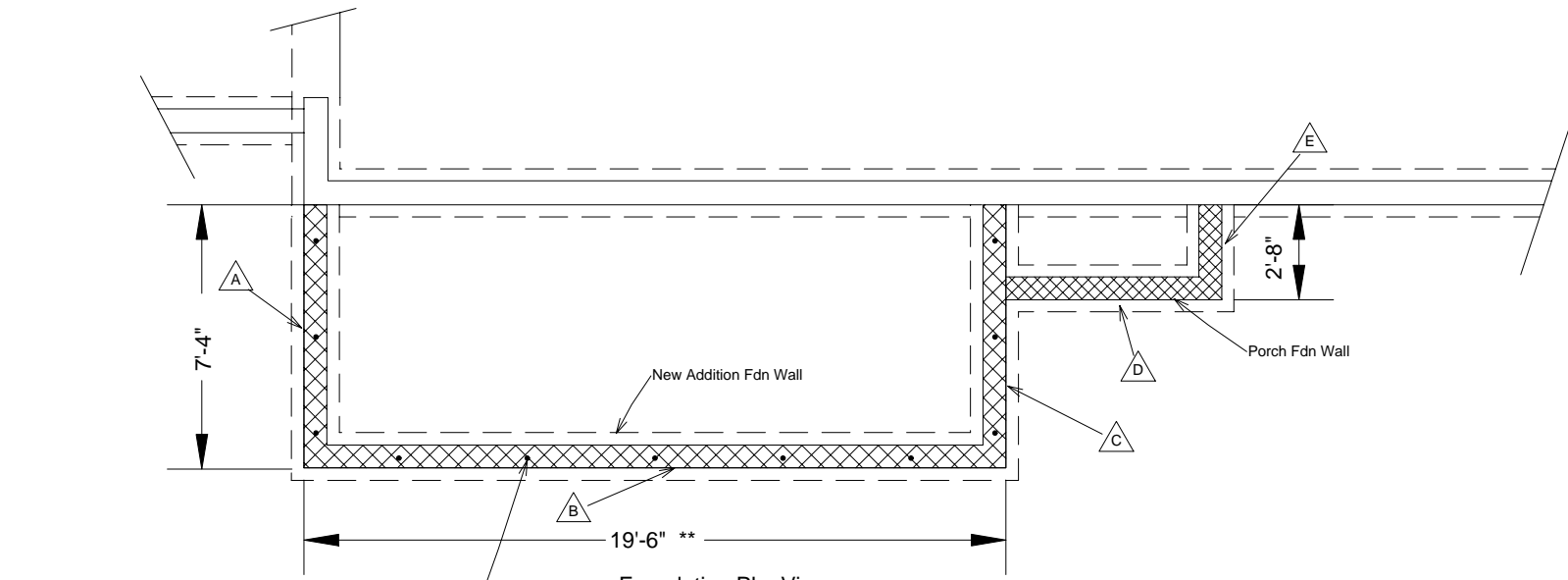
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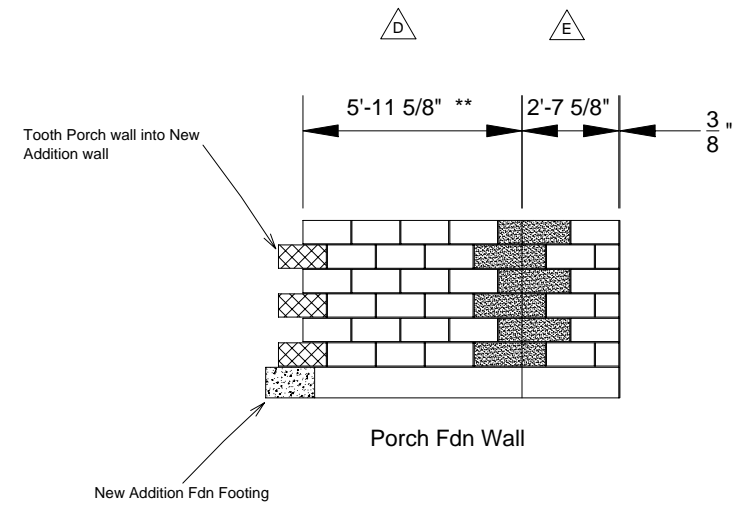
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Sheet  
**8**

Rev  
**0**



\*\* Dimensions to be adjusted to match actual field conditions



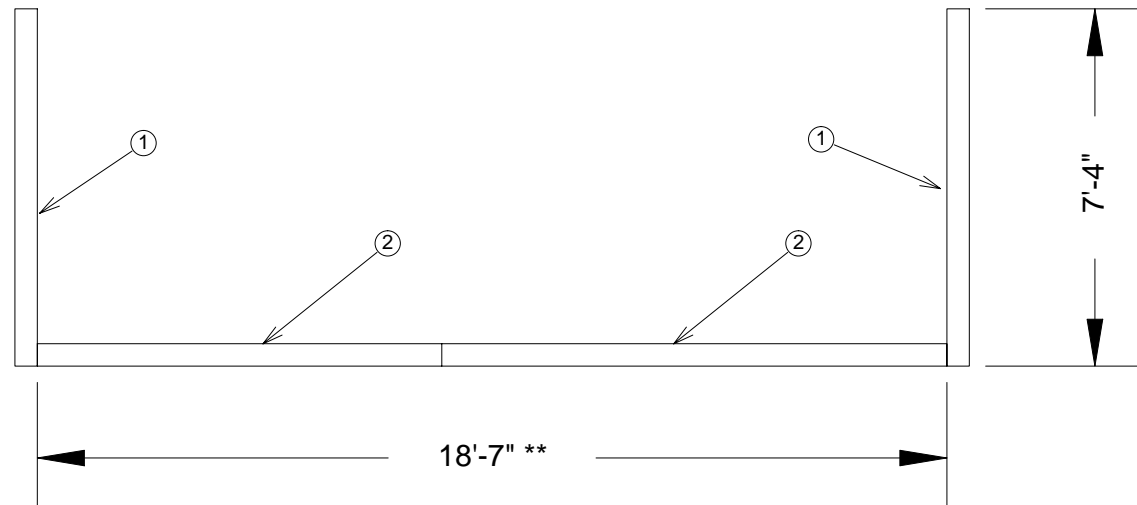
- (21)  Full/Corner Block
- (156)  Full Block
- (18)  1/2 Block

Drawing No	Reference Drawings	Rev	Date	Description	By	App	File:
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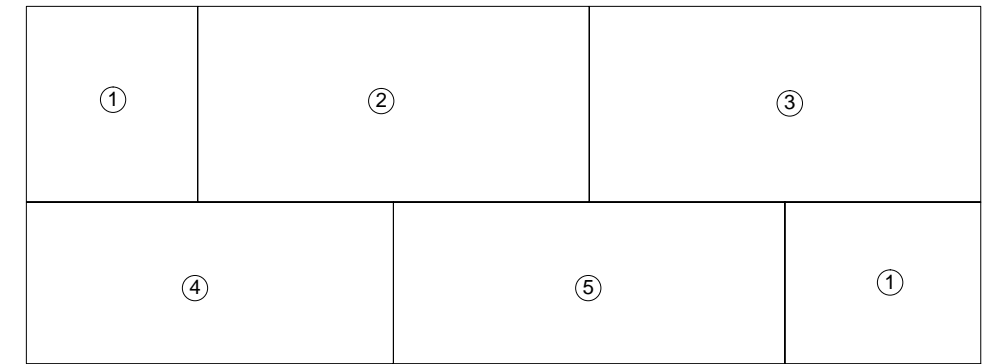
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<b>CHARLES R. WITHERELL</b> 4468 Springbrook Road Jackson, Michigan 49201
<b>FOOTING/BLOCK DETAILS</b>

Sheet Title			
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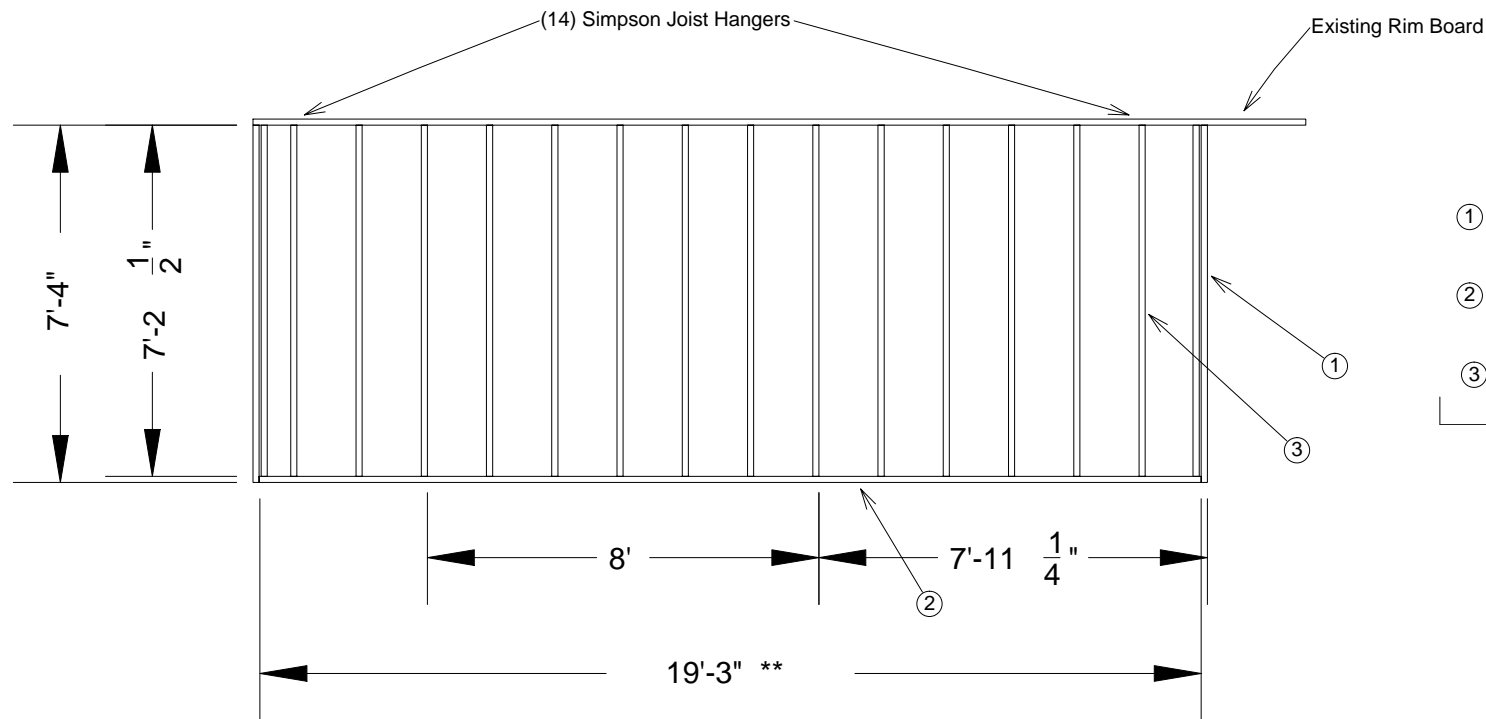


2x8 Treated Sole Plate

- ① (2) 2x8x8'-0"
- ② (2) 2x8x10'-0"



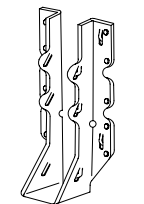
1/2" T&G Flooring  
(4x8 Sheets - (5) req'd)



2x10 Floor Joists & Rim Boards

- ① (2) 2x10x8'-0" (Treat)
- ② (1) 2x10x20'-0" (Treat)
- ③ (16) 2x10x8'-0" (yellow)

Cut to Suit



LUP210  
Simpson Strong-Tie  
(Joist Hanger)

Adjust floor joist spacing so that existing ductwork in dining room and kitchen can easily be extended into new addition.

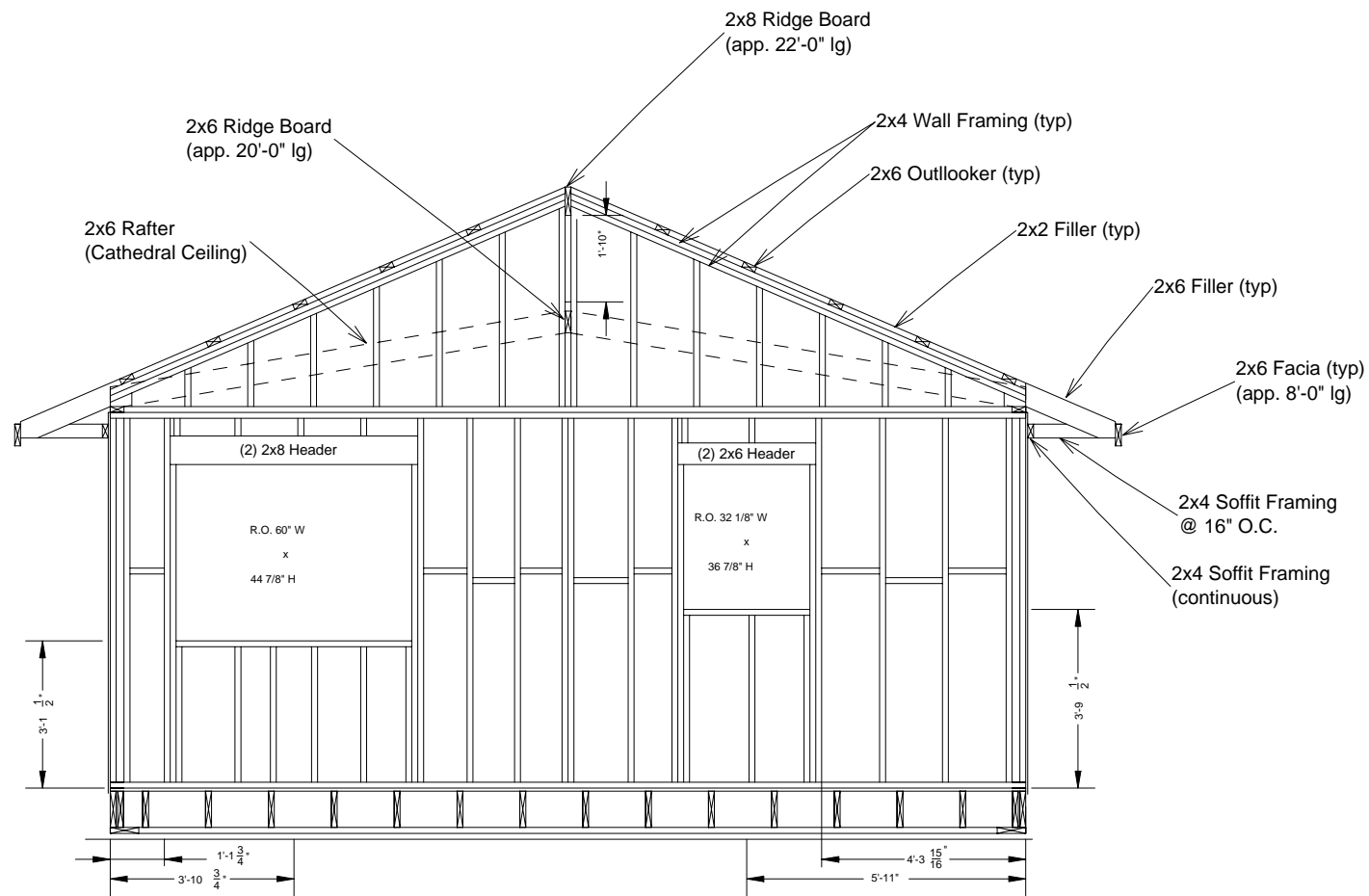
Also locate floor joist to accommodate gas line extension.

Drawing No	Reference Drawings	Rev	Date	Description	By	App	File:
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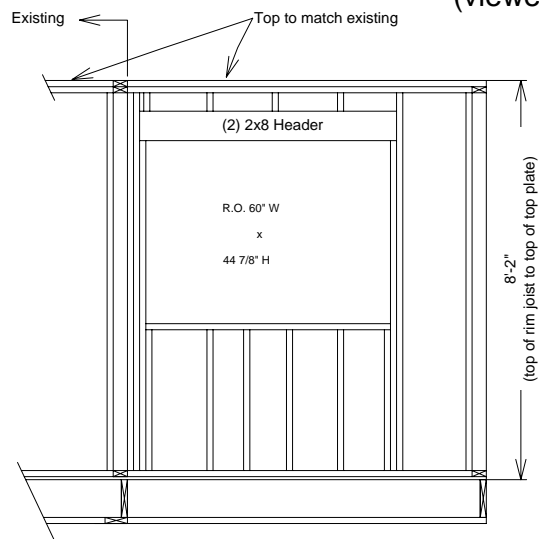
  
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**Framing Details**

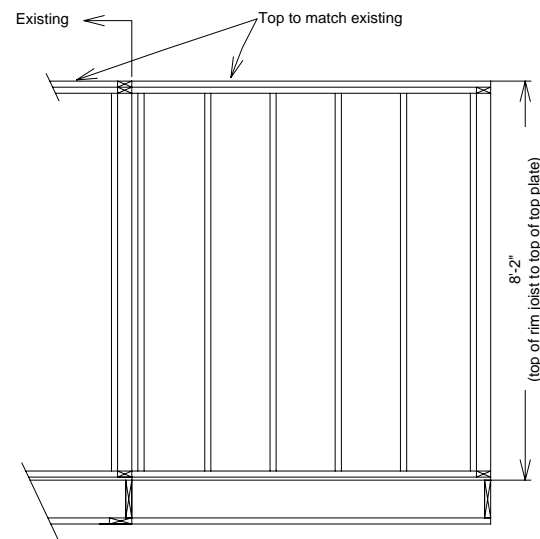
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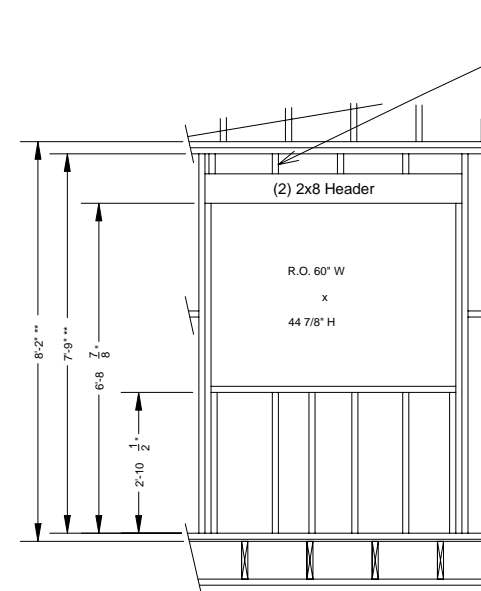
Front Wall Framing  
(viewed from outside)



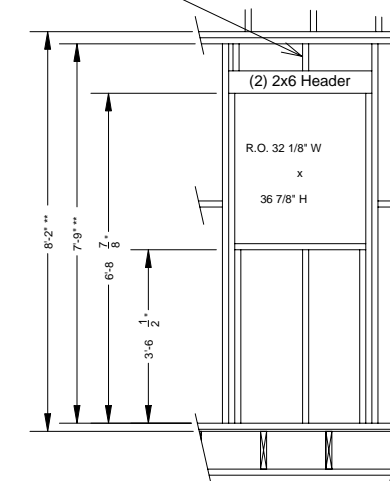
South Wall Framing  
(viewed from outside)



North Wall Framing  
(viewed from inside)



Big Window Framing



Kitchen Window Framing

\*\* Dimensions to be adjusted to match actual field conditions

Dr	C.R.W.	Date	05/14/04				
Des	C.R.W.	Date	05/14/04				
Ckr							
App	C.R. WITHERELL, P.E. (MI-25411)						
By	C.R.W.						
App	C.R.W.						
File:							
0	04/15/04	ISSUED FOR CONSTRUCTION	C.R.W. C.R.W.				
Drawing No	Reference Drawings	Rev	Date	Description	By	App	File:

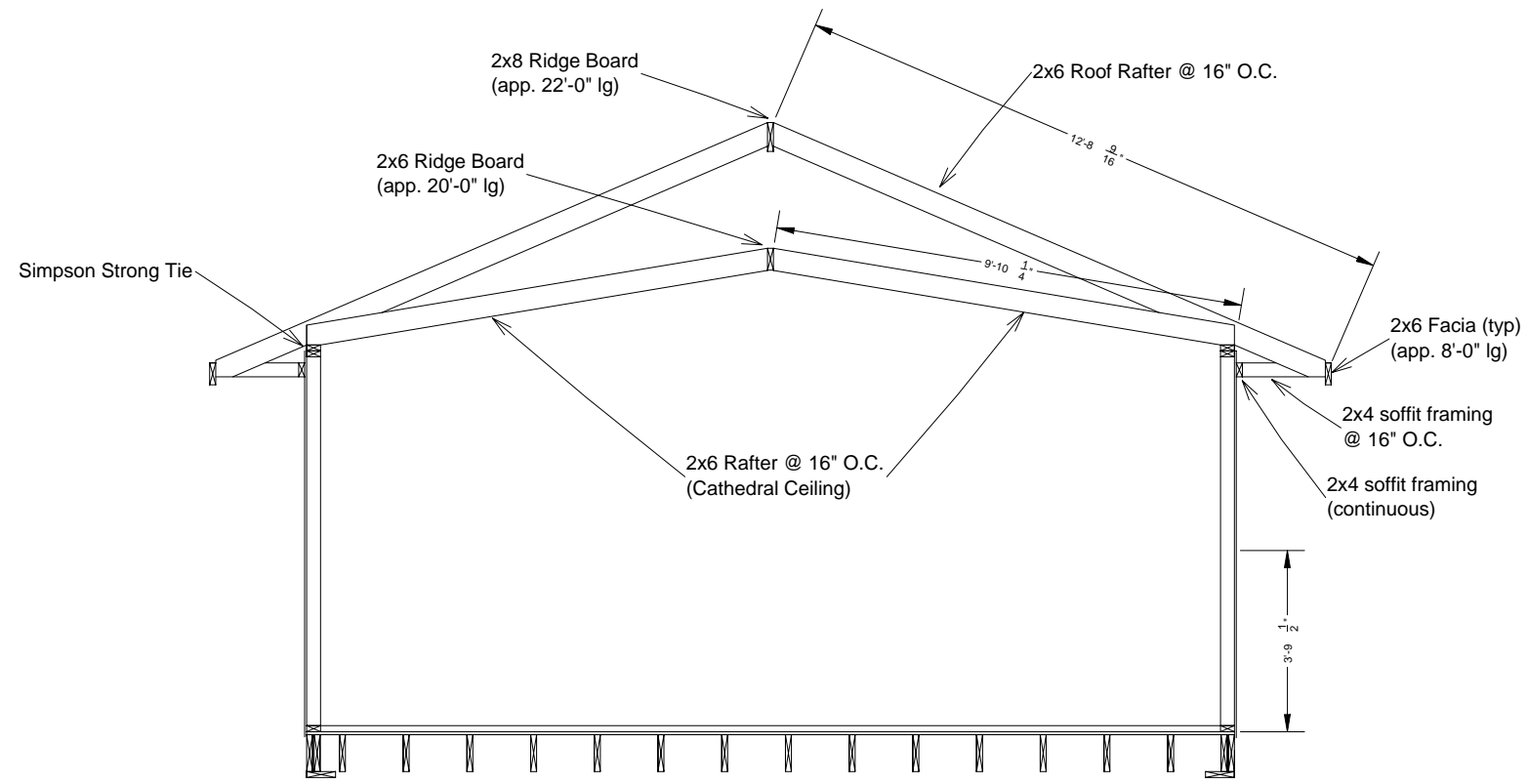


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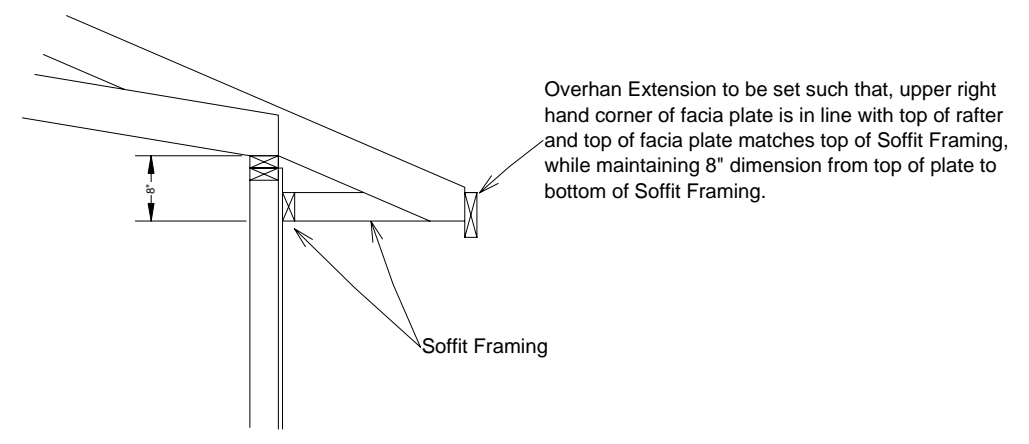
**FRAMING DETAILS**

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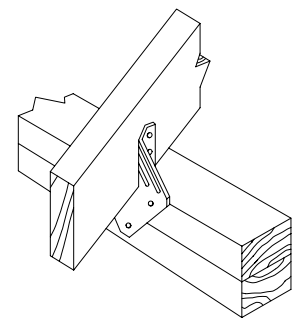
Sheet Title  
**MAJOR RENOVATION  
PRIVATE RESIDENCE**  
OPTION #1



Roof Cross Section



Overhang Detail



Simpson Strong-Tie  
H1

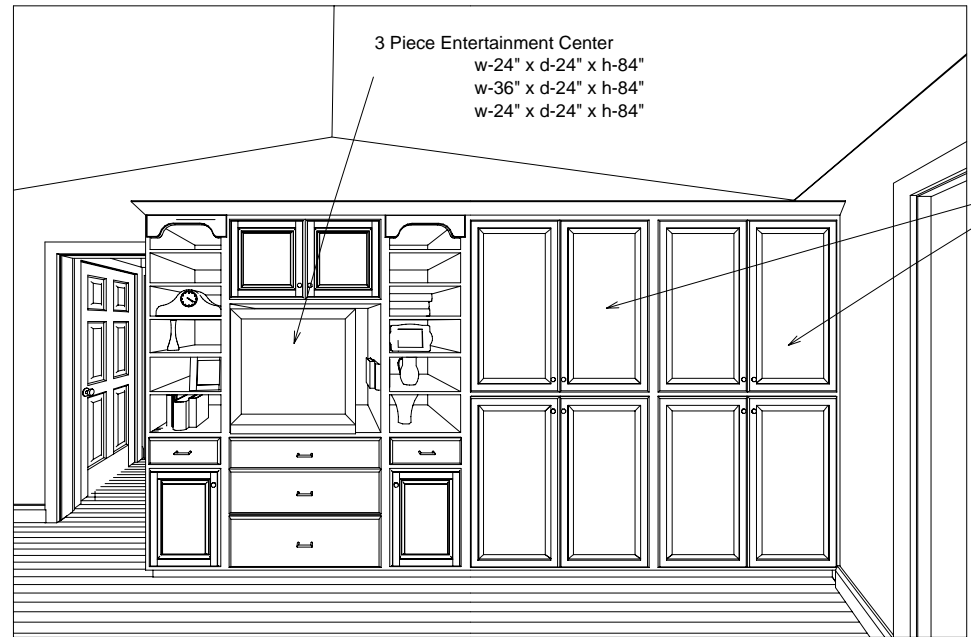
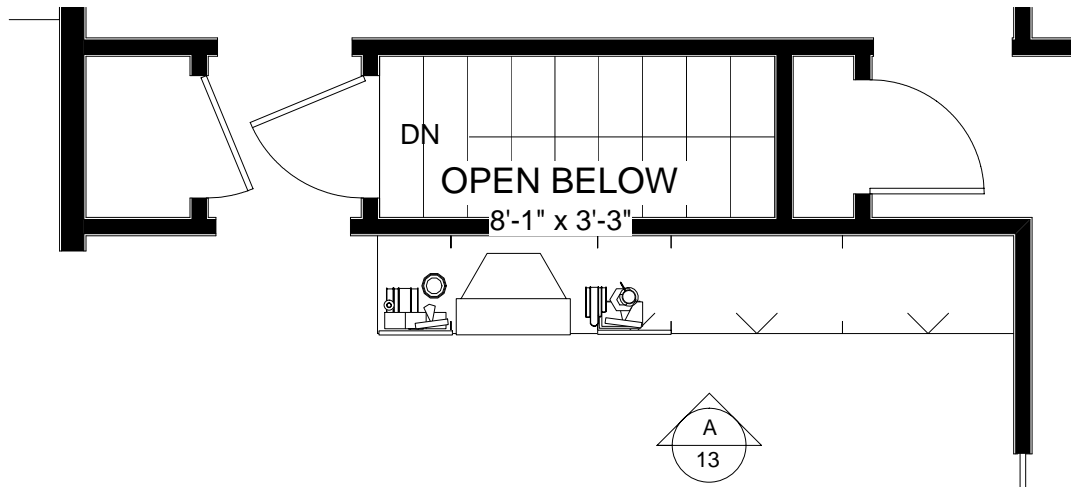
						Dr	C.R.W.	Date	05/14/04
						Des	C.R.W.	Date	05/14/04
						App	C.R. WITHERELL, P.E. (MI-25411)		
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Drawing No	Reference Drawings	Rev	Date	Description	By	App	File:		



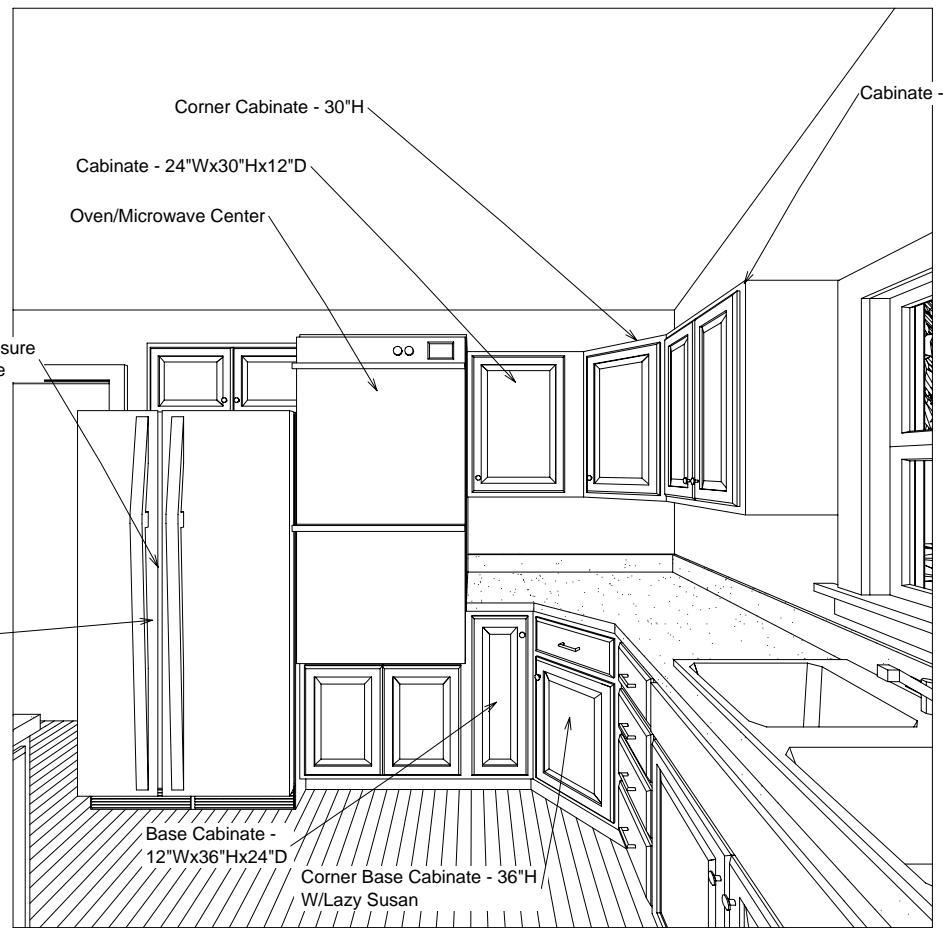
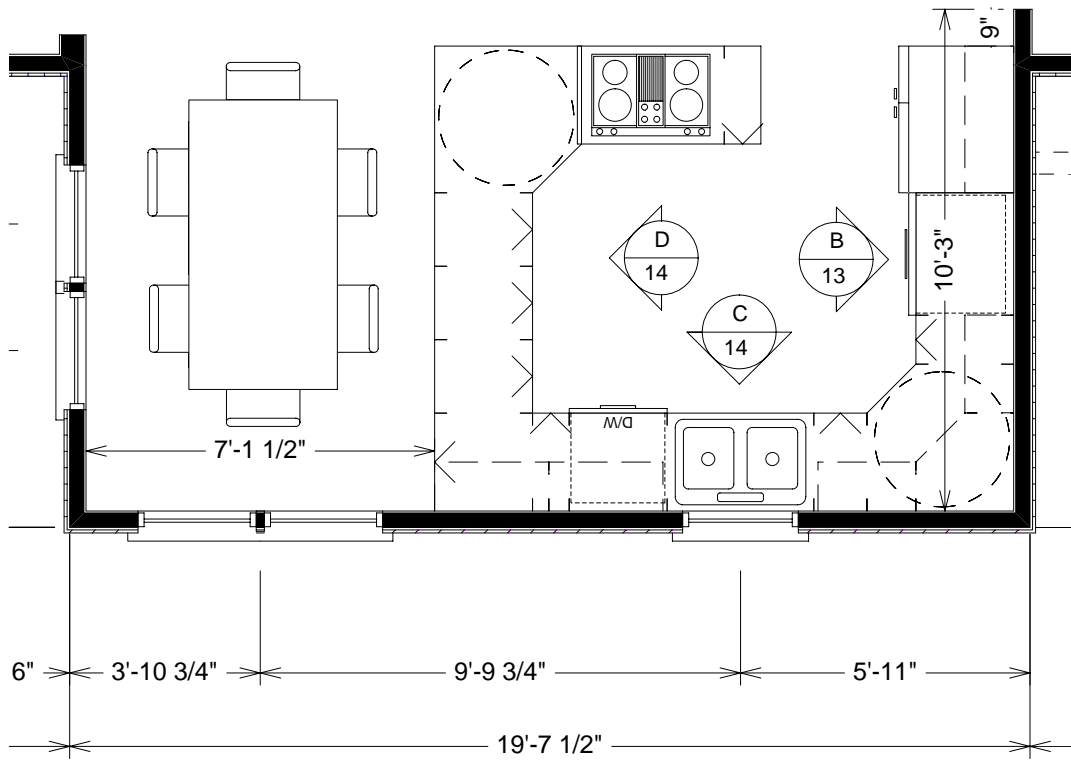
CLIENT	<b>CHARLES R. WITHERELL</b>
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<b>CROSS SECTIONS</b>	

Sheet Title			
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OPTION #1			
Scale	Drawing Number	Sheet	Rev
Proj. No. 40-6000-000	<b>6000-C/S-001</b>	<b>12</b>	<b>0</b>





Elevation A-A



Elevation B-B

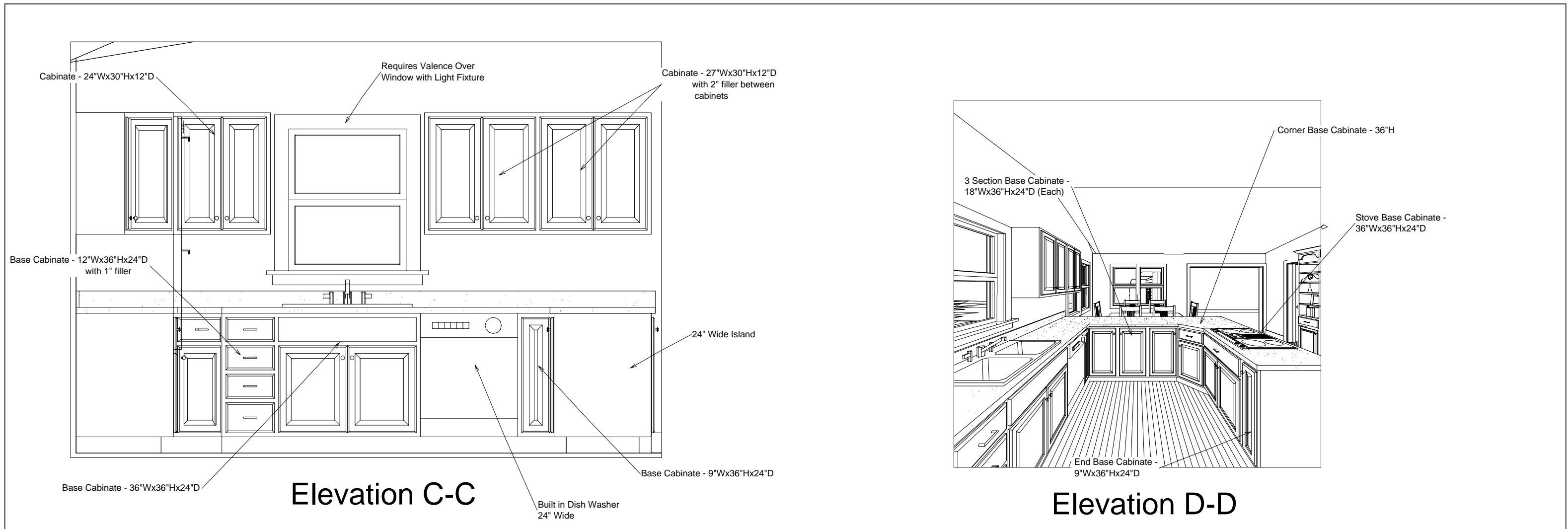
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Des	C.R.W.	Date	05/14/04
App	C.R. WITHERELL, P.E. (MI-25411)		
Rev	0	Date	04/15/04
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By	C.R.W.	App	C.R.W.



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**KITCHEN LAYOUT**

Sheet Title		Sheet	Rev
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Drawing Number		Scale	
6000-C/S-001		40-6000-000	

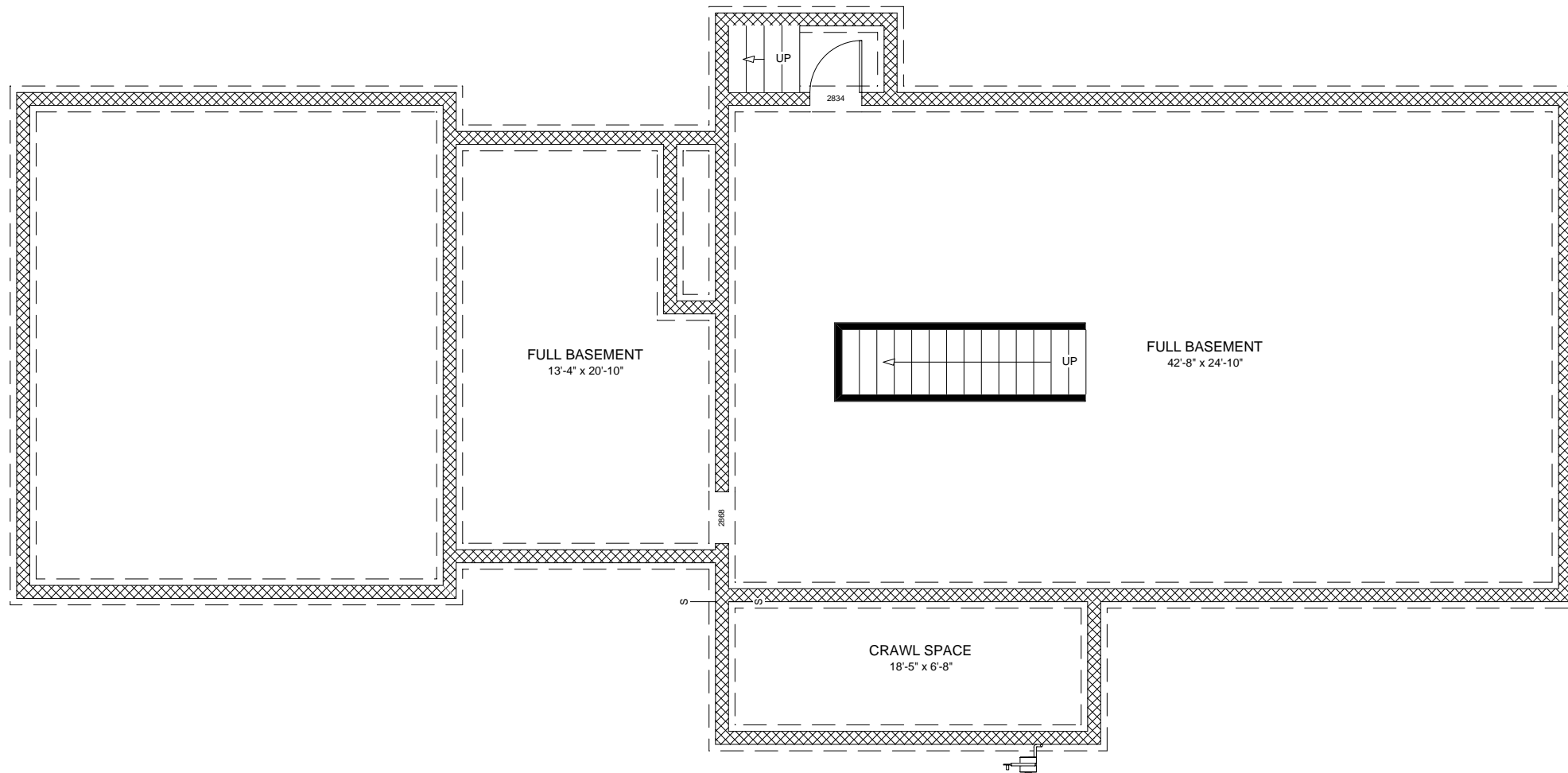


Drawing No	Reference Drawings	Rev	Date	Description	By	App	File:
		0	04/15/04	ISSUED FOR CONSTRUCTION	C.R.W.	C.R.W.	

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**KITCHEN LAYOUT**

Sheet Title		Sheet	Rev
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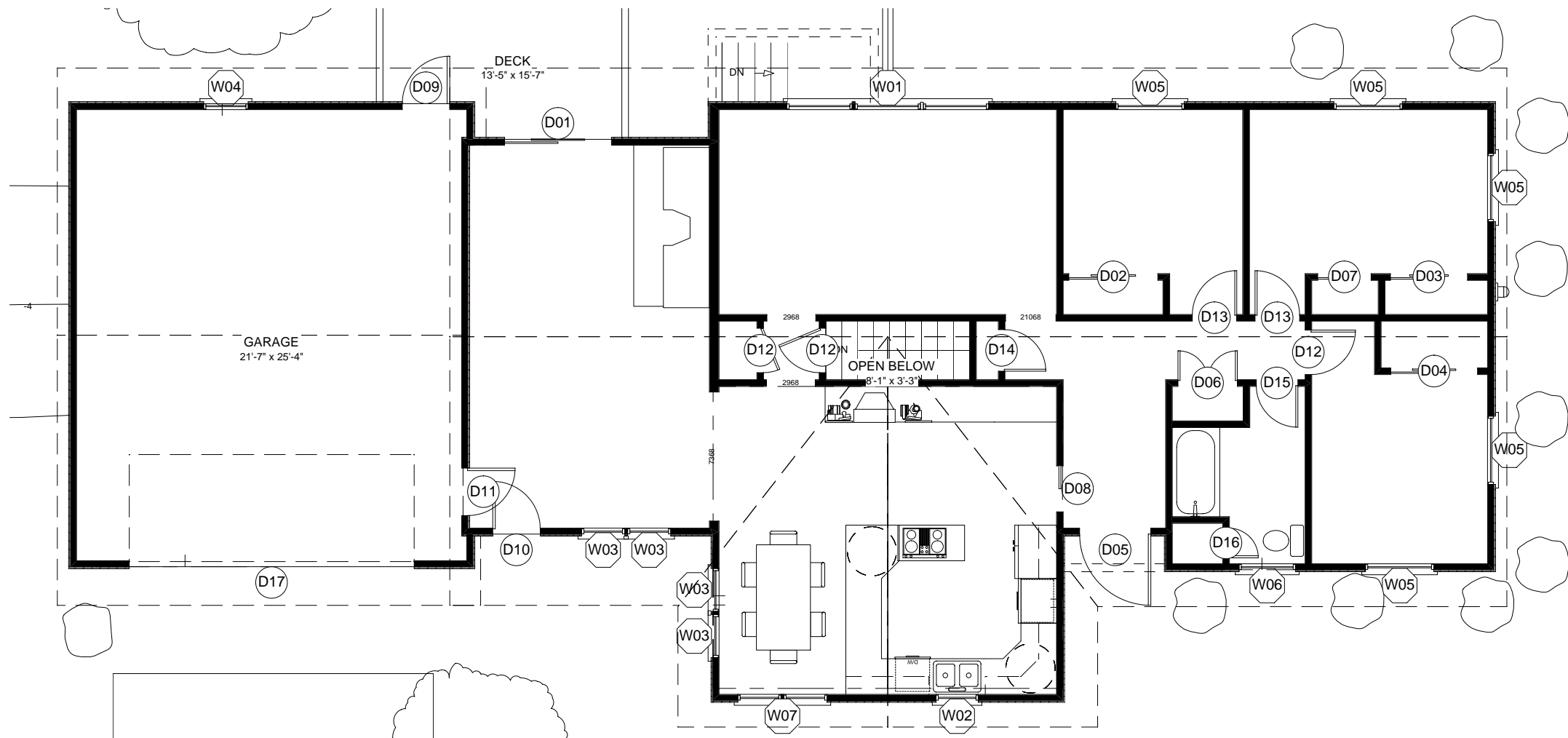


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		0	04/15/04	ISSUED FOR CONSTRUCTION	C.R.W.	C.R.W.	C.R. WITHERELL, P.E. (MI-25411)

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**BASEMENT ELECTRICAL**

Sheet Title			
<b>MAJOR RENOVATION PRIVATE RESIDENCE</b>			
OPTION #1			
Scale	Drawing Number	Sheet	Rev
Proj. No. 40-6000-000	<b>6000-C/S-001</b>	<b>15</b>	<b>0</b>



						Dr C.R.W. 05/14/04 Des C.R.W. 05/14/04 Ckr App C.R. WITHERELL, P.E. (MI-25411)		 4468 Springbrook Road Jackson, Michigan 49201	CLIENT <b>CHARLES R. WITHERELL</b> 4468 Springbrook Road Jackson, Michigan 49201		Sheet Title <b>MAJOR RENOVATION          PRIVATE RESIDENCE</b> OPTION #1		Scale	Drawing Number	Sheet	Rev
Drawing No	Reference Drawings	Rev	Date	Description	By	App	File:		1st FLOOR ELECTRICAL	40-6000-000	6000-C/S-001	16	0			



						<b>Dr</b> C.R.W. 05/14/04 <b>Des</b> C.R.W. 05/14/04 <b>Clr</b> <b>App</b> C.R. WITHERELL, P.E. (MI-25411)		 <p><i>Eclipse</i> Design Services 4468 Springbrook Road Jackson, Michigan 49201</p>	CLIENT <b>CHARLES R. WITHERELL</b> 4468 Springbrook Road Jackson, Michigan 49201		Sheet Title <b>MAJOR RENOVATION PRIVATE RESIDENCE</b> OPTION #1		
									Scale Proj. No. 40-6000-000		Drawing Number <b>6000-C/S-001</b>		Sheet <b>17</b>
<b>Drawing No</b>	<b>Reference Drawings</b>	<b>Rev</b>	<b>Date</b>	<b>Description</b>	<b>By</b>	<b>App</b>	<b>File:</b>	<b>WINDOW/DOOR SCHEDULES, DETAILS</b>					
		0	04/15/04	ISSUED FOR CONSTRUCTION	C.R.W.	C.R.W.							



Simpson Strong-Tie  
H1

						Dr C.R.W. 05/14/04		 <b>Eclipse</b> <i>Design Services</i> 4468 Springbrook Road Jackson, Michigan 49201	CLIENT <b>CHARLES R. WITHERELL</b> 4468 Springbrook Road Jackson, Michigan 49201		Sheet Title <b>MAJOR RENOVATION PRIVATE RESIDENCE</b> OPTION #1		
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						Ckr App C.R. WITHERELL, P.E. (MI-25411)							
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