



ARCHITECTS

2e Architects

9515 Deereco Road
Suite 907
Timonium, Maryland 21093

410.983.2112
Peter@2e-Architects.com

CONSULTANTS

THE ARCHITECT CERTIFIES TO THE BEST OF ITS KNOWLEDGE AND BELIEF THAT THE INFORMATION SHOWN ON THE DRAWINGS IS CORRECT. HOWEVER THIS DOCUMENT CANNOT BE RELIED UPON FOR LEGAL OR OTHER PROTECTIONS NORMALLY ASSOCIATED WITH FULL ARCHITECTURAL DOCUMENTATION AND SERVICE AND AGREEMENTS. THE SOLE PURPOSE OF THESE DRAWINGS IS TO DESCRIBE DESIGN INTENT AND PROVIDE THE MINIMUM INFORMATION REQUIRED TO OBTAIN A BUILDING PERMIT. IN NO WAY ARE THEY MEANT TO REPRESENT COMPLETE DESIGN, CONSTRUCTION OR CONTRACT DOCUMENTS. THE OWNER ACCEPTS FULL RESPONSIBILITY FOR THE USE OF THESE DRAWINGS BEYOND THE PURPOSE STATED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE WEATHER-TIGHTNESS AND COMPLIANCE WITH ALL STRUCTURAL AND CODE REQUIREMENTS AS THEY PERTAIN TO CONSTRUCTION BASED ON THE INFORMATION SHOWN HEREIN. ANY ADDITIONAL STRUCTURAL INFORMATION OR DETAILS NOT SHOWN ON THE DRAWINGS, NECESSARY FOR A COMPLETE, SOUND CONSTRUCTION SHALL BE DESIGNED AND SPECIFIED BY A LICENSED STRUCTURAL ENGINEER BEFORE INSTALLATION.

Rich & Denise
Temofeew
Residence

14005 Clarksville Pike
Highland Maryland 20777

Permit Set

5/31/2022

MARK DATE DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY:
CHK'D BY:
COPYRIGHT

SHEET TITLE

Roof Plan

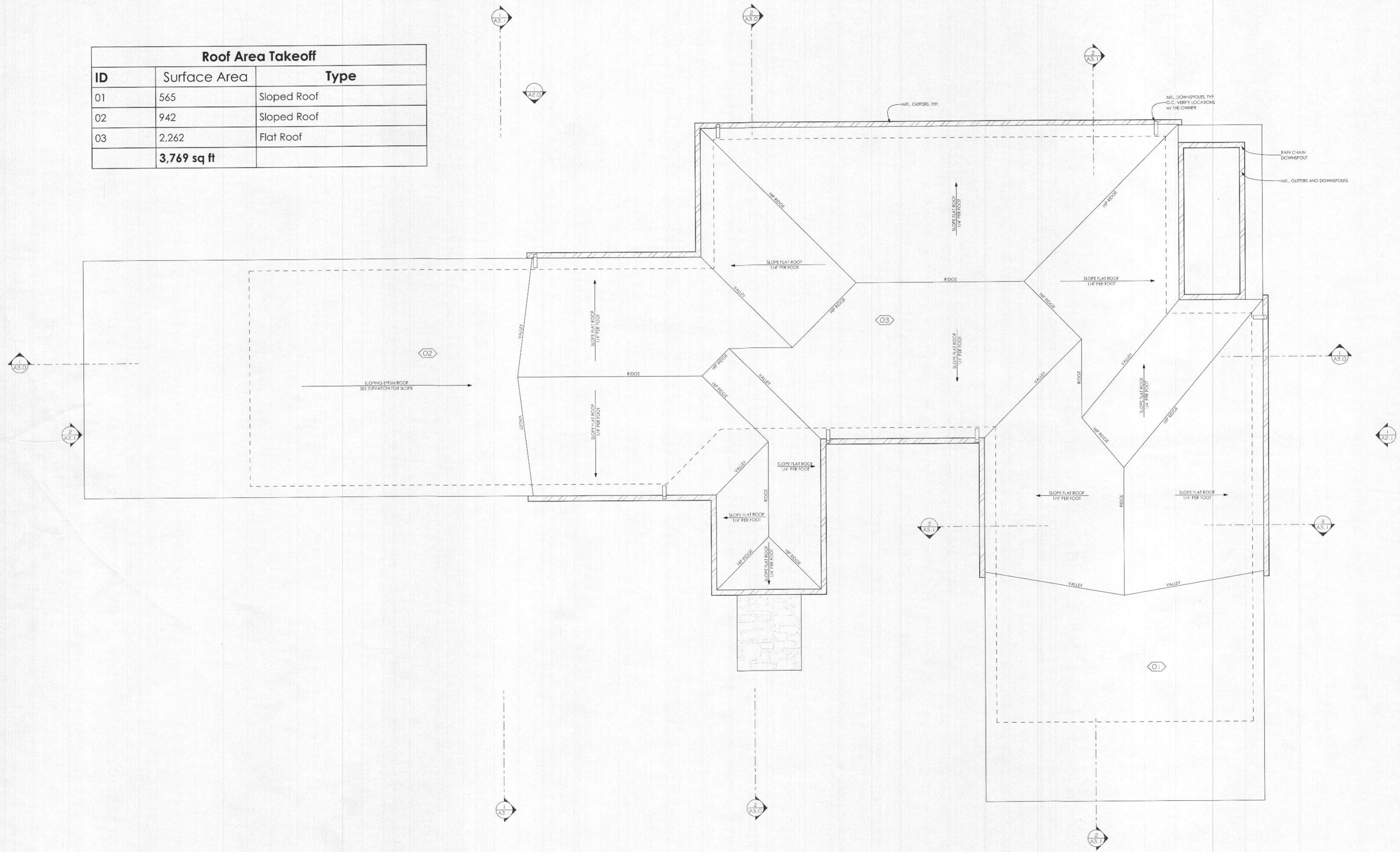
ARCHITECT
License #14388



Peter R. Twohy
STATE OF MARYLAND

A1.2

Roof Area Takeoff		
ID	Surface Area	Type
01	565	Sloped Roof
02	942	Sloped Roof
03	2,262	Flat Roof
3,769 sq ft		



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

C:\Users\svack\Dropbox\DDC2e\Temofeew\Temofeew_24_current.pln

Story	Room Name	Area	Finish - Floor	Finish Schedules				Ceiling	Base Trim	Casing	Crown	Remarks
				Wall Finish/E	Wall Finish/N	Wall Finish/S	Wall Finish/W					
Lower Level												
Bath #2	110	Tile	Tile and paint	Tile and paint	Paint	Paint						Will have list of selections
Bedroom #2	209	Custom	Paint and wood shaves	Paint	Paint	Paint						Will have list of paint colors
Bedroom #3	177	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Closet #2	32	Custom	Paint	Paint	Paint	Paint						Need to find closet system
Closet #3	14	Custom	Paint	Paint	Paint	Paint						Need to find closet system
Closet #4	9	Custom	Paint	Paint	Paint	Paint						Need to find closet system
Hall #1	92	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Linen	6	Custom	(Open wood shaves)	Wood panel	Wood panel	Wood panel & wood shaves						Will provide example of look
Office	150	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Patio	530	Concrete	N/A	N/A	Paint	Paint		Open to Above				Will have list of paint colors
Rec Room	367	Custom	Paint, accent color	Paint	Paint	Paint						Will have list of paint colors
Stair	100	Custom	Paint, accent color	Paint	Paint	Paint						Will have list of paint colors
Utility Room	449	Concrete	Paint	Paint	Paint	Paint						Will have list of paint colors
Upper Level												
Art Studio/Gym	303	Concrete	Paint	Paint	Paint	Paint						Will have list of paint colors
Closet #1	15	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Dining Room	187	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Family Room	287	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Front Patio	649	Concrete	N/A	N/A	N/A	N/A		Open to Above	N/A	N/A		Stamped concrete or other
Front Stoop	59	Concrete	Siding	Siding	N/A	N/A						Will provide siding choice
Garage	543	Concrete	Paint	Paint	Paint	Paint						Will have list of paint colors
Hall #2	25	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Hall #3	30	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Hall #4	35	Custom	Paint	Paint	Paint + wood paneling	N/A						Will have list of paint colors
Kitchen	210	Custom	Tile	Paint	Tile	N/A						Will have list of paint colors
Master Bath	157	Tile	Tile and paint	Tile and paint	Tile and paint	Tile and paint						Will have list of selections
Master Bedroom	221	Custom	Paint	Paint	Paint	Paint						Will have list of paint colors
Master Closet	87	Custom	Paint	Paint	Paint	Paint						Allowance for closet system
Mudroom	84	Custom	Paint	Paint	Paint	Paint						Hooks/cubbies to be decided
Pantry	86	Custom	Paint	Paint	Paint	Paint						Cabinets to be decided
Patio #1	374	Concrete	TBD	TBD	TBD	TBD						Stamped concrete or other
Powder Room	22	Custom	Tile and paint	Tile and paint	Tile and paint	Tile and paint						Wallpaper option if needed
Stair Hall	224	Custom	Wood panel wall & bend	Paint	Paint	Wood panel						Wood panel, accent

Plumbing Fixture Schedule					
Story	Element ID	Model	Manufacturer	Note	Quantity
Lower Level, Bath #2					
	Robe Hook	K-21956-SH	Kohler	Tempered, single hook	5
	Shower Drain	948036	Signature Hardware	449283, black, sq. tile-in	1
	Shower Faucet	K-322028-4-BL	Kohler	Tempered, 1.75 GPM	1
	Sink Drain	VG16002MB	Vigo	Drain assembly, matte black	2
	Toilet	M3854114ELR#01	Toto	1.28 GPF, build.com	1
	Towel Bar	77618-BL	Delta	Shyko, black, 18", build.com	1
	TP Dispenser	77655-BL	Delta	Shyko, black, build.com	1
	Tub	WC81100360	Wynham Collection	60" in., Marmax, build.com	1
	Tub Faucet	T4774-BLFL	Delta	Zura, floor mount w/Wand	1
	Vanity Faucet	567L-RL-GPM-PP	Delta	Modern, 1.0 GPM, single hole	2
	Vanity Sink	CS-GM-2056-R	Coveiro	35" wpl mount, houzz.com	2
Lower Level, Utility Room					
	Utility Sink	1521US-24-314	Glauber Bay	Hanna Depot, oil-in-one	1
	Utility Sink Faucet	N/A	N/A	Included with sink	1
Upper Level, Art Studio/Gym					
	Sink Faucet	N/A	N/A	Included with sink	1
	Studio Sink	Free Standing SS Commercial	KNOCBO	47", amazon.com, \$359	1
Upper Level, Kitchen					
	Kitchen Sink	758933-330-BL	Delta	Under mount 33", build.com	1
	Sink Faucet	9159-CZ-DS1	Delta	Trinsic pull-down, build.com	1
Upper Level, Master Bath					
	Robe Hook	77638-BL	Delta	Shyko, black, build.com	4
	Shower Drain	948036	Signature Hardware	449283, square, black, tile-in	1
	Shower Faucet	D55-Triatic-1401BL	Delta	Single function, w/Wand	1
	Sink Drain	VG16002MB	Vigo	Drain assembly, matte black	2
	Toilet	M3854114ELR#01	Toto	1.28 GPF, build.com	1
	Towel Bar	77630-BL	Delta	30", matte black, build.com	1
	TP Dispenser	77655-BL	Delta	Shyko, black, build.com	1
	Tub	WC81K131B71	Wynham Collection	72" in., Maryam, build.com	1
	Tub Faucet	T4774-BLFL	Delta	Zura, floor mount w/Wand	1
	Vanity Faucet	567L-RL-GPM-PP	Delta	Modern, 1.0 GPM, single hole	2
	Vanity Sink	567L-RL-GPM-PP	Delta	Modern, 1.0 GPM, single hole	2
	Vanity Sink	K-2882-95	Kohler	Ice gray, 19", rect., unacmnt	1
Upper Level, Powder Room					
	Sink Drain	VG16002MB	Vigo	Matte black drain assembly	1
	Sink Faucet	VG1041MB	Vigo	Single hole, matte black	1
	Toilet	M3854114ELR#01	Toto	1.28 GPF, build.com	1
	Towel Bar	BP1866BL	Moen	9" towel bar, matte black	1
	TP Dispenser	BP1800BL	Moen	Matte black	1
	Vanity Sink	CS-GM-2056-R	Coveiro	35" wpl mount, houzz.com	1

Appliance Schedule					
Story	Appliance	Model	Manufacturer	Note	QTY
Lower Level, Utility Room					
	Dryer	TBD	GE	7.4 cu ft	1
	Washer	TBD	GE	High efficiency, 5.2 cu ft	1
Upper Level, Kitchen					
	Dishwasher	SH-NA7852N	Bosch ECO series 24"	Integrated (panel required)	1
	Microwave	SM5DZ0J51Y	Sharp Microwave drawer	24", 1.2 cu ft, 950W stainless	1
	Range	ZGF36-4ND155	Morogrom 36" gas	All gas, 4 burner w/griddle	2
	Refrigerator	735420NKS	Morogrom 42" built in	Side by side, stainless	1
Upper Level, Master Closet					
	Stacked W/D	GU027F55AWW	GE 28.75 x 73.8/5	GE Elec. Stacked Washer/Dry	1
Upper Level, Pantry					
	Refrigerator	GCR9G5H6R	GE compact refrigerator	Stainless 23-5/8" wide	1

WINDOW SCHEDULE							
ID	Qty	Type	Width	Height	Egress	Tempered	Notes
Lower Level							
01	1	Patio Door	2'-8"	7'-0"	No	Yes	
02	1	Casement	2'-11"	5'-5"	Yes	No	
03	1	Casement	2'-11"	5'-5"	Yes	No	
04	1	Casement	1'-11"	3'-11"	No	Yes	
05	1	Casement	1'-11"	3'-11"	No	Yes	
06	1	Casement	2'-11"	5'-5"	Yes	No	
07	1	Casement	2'-11"	5'-5"	Yes	No	
08	1	Casement	2'-11"	4'-5"	Yes	No	
Upper Level							
09	1	Sliding Door	8'-0"	8'-0"	Yes	Yes	
10	1	Casement	1'-11"	4'-9"	No	No	
11	1	Casement	1'-11"	4'-9"	No	No	
12	1	Casement	1'-11"	4'-9"	No	No	
13	1	Casement	1'-11"	3'-5"	No	No	
14	1	Fixed	3'-11"	6'-3 1/2"	No	No	Coordinate window size w/ #15 and head height with Door #22
15	1	Awning	3'-11"	1'-9"	No	No	
16	1	Casement	1'-11"	3'-5"	No	No	
17	1	Casement	1'-11"	3'-5"	No	No	
18	1	Casement	1'-11"	3'-5"	No	No	
19	1	Casement	1'-11"	3'-5"	No	No	
20	1	Casement	1'-11"	3'-5"	No	No	
21	1	Casement	1'-11"	3'-5"	No	No	
22	1	Casement	2'-11"	5'-11"	No	No	
23	1	Fixed	2'-11"	5'-11"	No	No	
24	1	Casement	2'-11"	5'-11"	No	No	
25	1	Casement	1'-11"	3'-5"	No	No	
26	1	Casement	2'-5"	5'-11"	No	Yes	
27	1	Fixed	2'-5"	5'-11"	No	Yes	
28	1	Casement	2'-5"	5'-11"	No	Yes	
29	1	Casement	1'-11"	3'-5"	No	No	
30	1	Casement	1'-11"	3'-5"	No	No	
31	1	Awning	2'-11"	1'-9"	No	No	
32	1	Casement	2'-11"	5'-11"	Yes	No	
33	1	Fixed	2'-11"	5'-11"	No	No	
34	1	Awning	2'-11"	1'-9"	No	No	
35	1	Awning	2'-11"	1'-9"	No	No	
36	1	Casement	2'-11"	5'-11"	Yes	No	
37	1	Awning	3'-11"	1'-9"	No	No	Review tempered requirement w/ window manufacturer
38	1	Fixed	3'-11"	6'-0"	No	No	Review tempered requirement w/ window manufacturer
39	1	Awning	3'-11"	1'-9"	No	No	Review tempered requirement w/ window manufacturer
40	1	Fixed	3'-11"	6'-0"	No	No	Review tempered requirement w/ window manufacturer
41	1	Awning	3'-11"	1'-9"	No	No	Review tempered requirement w/ window manufacturer
42	1	Fixed	3'-11"	6'-0"	No	No	Review tempered requirement w/ window manufacturer
43	1	Fixed	3'-11"	6'-0"	No	No	
44	1	Awning	3'-11"	1'-9"	No	No	
45	1	Fixed	3'-11"	6'-0"	No	No	
46	1	Awning	3'-11"	1'-9"	No	No	
47	1	Fixed	3'-11"	6'-0"	No	No	
48	1	Awning	3'-11"	1'-9"	No	No	
49	1	Fixed	3'-11"	6'-0"	No	No	
50	1	Awning	3'-11"	1'-9"	No	No	
51	1	Fixed	3'-11"	6'-0"	No	No	
52	1	Awning	3'-11"	1'-9"	No	No	
53	1	Fixed	3'-11"	6'-0"	No	No	
54	1	Awning	3'-11"	1'-9"	No	No	
55	1	Fixed	3'-11"	6'-4"	No	No	
56	1	Casement	3'-11"	1'-9"	No	No	
57	1	Fixed	3'-11"	6'-4"	No	No	
58	1	Casement	3'-11"	1'-9"	No	No	
59	1	Fixed	3'-11"	6'-4"	No	No	
60	1	Casement	3'-11"	1'-9"	No	No	
61	1	Casement	1'-11"	4'-9"	No	No	
62	1	Casement	1'-11"	4'-9"	No	No	
62							

Door Schedule							
ID	Width	Height	Type	Manufacturer	Note/Remarks	Qty	
Lower Level							
01	3'-0"	7'-0"	Single Door			1	
02	2'-8"	7'-0"	Single Door			1	
03	2'-8"	7'-0"	Single Door			1	
04	6'-0"	6'-8"	Sliding Door			1	
05	2'-6"	7'-0"	Single Door			1	
06	2'-8"	7'-0"	Single Door			1	
07	2'-8"	7'-0"	Single Door			1	
08	3'-0"	7'-0"	Single Door			1	
09	2'-6"	7'-0"	Single Door			1	
10	5'-0"	7'-0"	Cased Opening			1	
Upper Level							
11	2'-8"	7'-0"	Single Door			1	
12	2'-8"	7'-0"	Cased Opening			1	
13	5'-0"	7'-0"	Double Door			1	
14	2'-8"	7'-0"	Single Door			1	
15	2'-8"	7'-0"	Pocket Door			1	
16	3'-0"	7'-0"	Single Door			1	
17	6'-0"	6'-8"	Double Door			1	
18	18'-0"	8'-0"	Garage Door			1	
19	2'-8"	7'-0"	Cased Opening			1	
20	2'-8"	7'-0"	Single Door			1	
21	2'-8"	7'-0"	Single Door				



ARCHITECTS

2e Architects
9515 Deereco Road
Suite 907
Timonium, Maryland 21093

410.583.2112
Peter@2e-Architects.com

CONSULTANTS

THE ARCHITECT CERTIFIES TO THE BEST OF ITS KNOWLEDGE AND BELIEF THAT THE INFORMATION SHOWN ON THE DRAWINGS IS CORRECT. HOWEVER THIS DOCUMENT CANNOT BE RELIED UPON FOR LEGAL OR OTHER PROTECTIONS NORMALLY ASSOCIATED WITH FULL ARCHITECTURAL DOCUMENTATION AND SERVICE AND AN AGREEMENTS. THE SOLE PURPOSE OF THESE DRAWINGS IS TO DESCRIBE DESIGN INTENT AND PROVIDE THE MINIMUM INFORMATION REQUIRED TO OBTAIN A BUILDING PERMIT. IN NO WAY ARE THEY MEANT TO REPRESENT COMPLETE DESIGN CONSTRUCTION OR CONTRACT DOCUMENTS. THE OWNER ACCEPTS FULL RESPONSIBILITY FOR THE USE OF THESE DRAWINGS BEYOND THE PURPOSE STATED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE WEATHER-TIGHTNESS AND COMPLIANCE WITH ALL STRUCTURAL AND CODE REQUIREMENTS AS THEY PERTAIN TO CONSTRUCTION BASED ON THE INFORMATION SHOWN HERE. ANY ADDITIONAL STRUCTURAL INFORMATION OR DETAILS NOT SHOWN ON THE DRAWINGS, NECESSARY FOR A COMPLETE, SOUND CONSTRUCTION SHALL BE DESIGNED AND SPECIFIED BY A LICENSED STRUCTURAL ENGINEER BEFORE INSTALLATION.

Rich & Denise
Temofeew
Residence

14005 Clarksville Pike
Highland Maryland 20777

Permit Set

5/31/2022

MARK	DATE	DESCRIPTION
//		

PROJECT NO:
MODEL FILE:
DRAWN BY:
CHK'D BY:
COPYRIGHT

SHEET TITLE
Building Elevations

ARCHITECT
License #14235

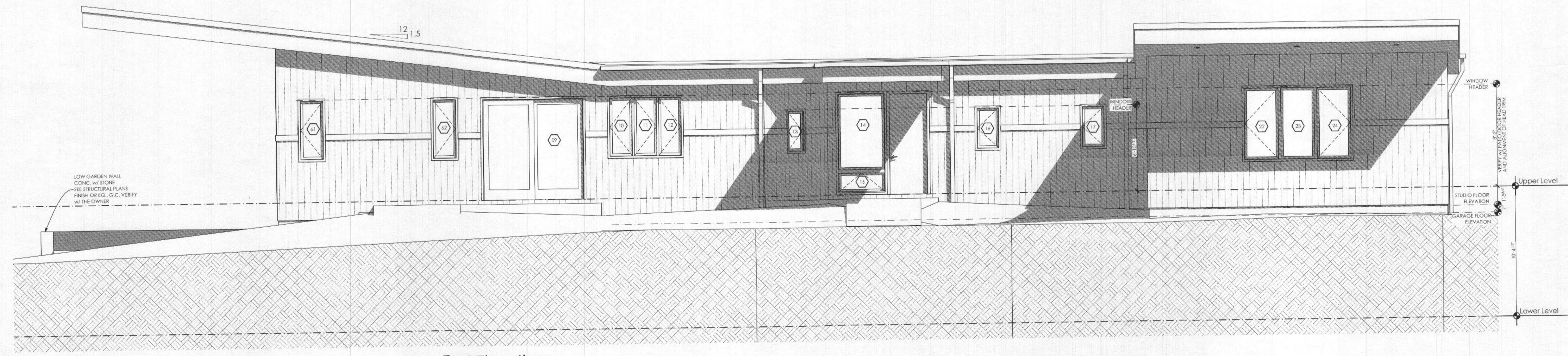


Peter R. Twohy
STATE OF MARYLAND

A2.0



1 West Elevation
SCALE: 1/4" = 1'-0"



2 East Elevation
SCALE: 1/4" = 1'-0"

C:\Users\dvaack\Dropbox\DC2e\Temofeew\Temofeew_24_current.pjn



2e ARCHITECTS

2e Architects

9515 Deerock Road

Suite 907

Timonium, Maryland 21093

410.583.2112

Peter@2e-Architects.com

CONSULTANTS

THE ARCHITECT CERTIFIES TO THE BEST OF ITS KNOWLEDGE AND BELIEF THAT THE INFORMATION SHOWN ON THE DRAWINGS IS CORRECT. HOWEVER THIS DOCUMENT CANNOT BE RELIED UPON FOR LEGAL OR OTHER PROTECTIONS NORMALLY ASSOCIATED WITH FULL ARCHITECTURAL DOCUMENTATION AND SERVICE AND AGREEMENTS. THE SOLE PURPOSE OF THESE DRAWINGS IS TO DESCRIBE DESIGN INTENT AND PROVIDE THE MINIMUM INFORMATION REQUIRED TO OBTAIN A BUILDING PERMIT. IN NO WAY ARE THEY MEANT TO REPRESENT COMPLETE DESIGN CONSTRUCTION OR CONTRACT DOCUMENTS. THE OWNER ACCEPTS FULL RESPONSIBILITY FOR THE USE OF THESE DRAWINGS BEYOND THE PURPOSE STATED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE WEATHER TIGHTNESS AND COMPLIANCE WITH ALL STRUCTURAL AND CODE REQUIREMENTS AS THEY PERTAIN TO CONSTRUCTION BASED ON THE INFORMATION SHOWN HEREIN. ANY ADDITIONAL STRUCTURAL INFORMATION OR DETAILS NOT SHOWN ON THE DRAWINGS, NECESSARY FOR A COMPLETE, SOUND CONSTRUCTION SHALL BE DESIGNED AND SPECIFIED BY A LICENSED STRUCTURAL ENGINEER BEFORE INSTALLATION.

Rich & Denise Temofeew Residence

14005 Clarksville Pike
Highland Maryland 20777

Permit Set

5/31/2022

MARK // DATE DESCRIPTION

PROJECT NO:

MODEL FILE:

DRAWN BY:

CHK'D BY:

COPYRIGHT

SHEET TITLE

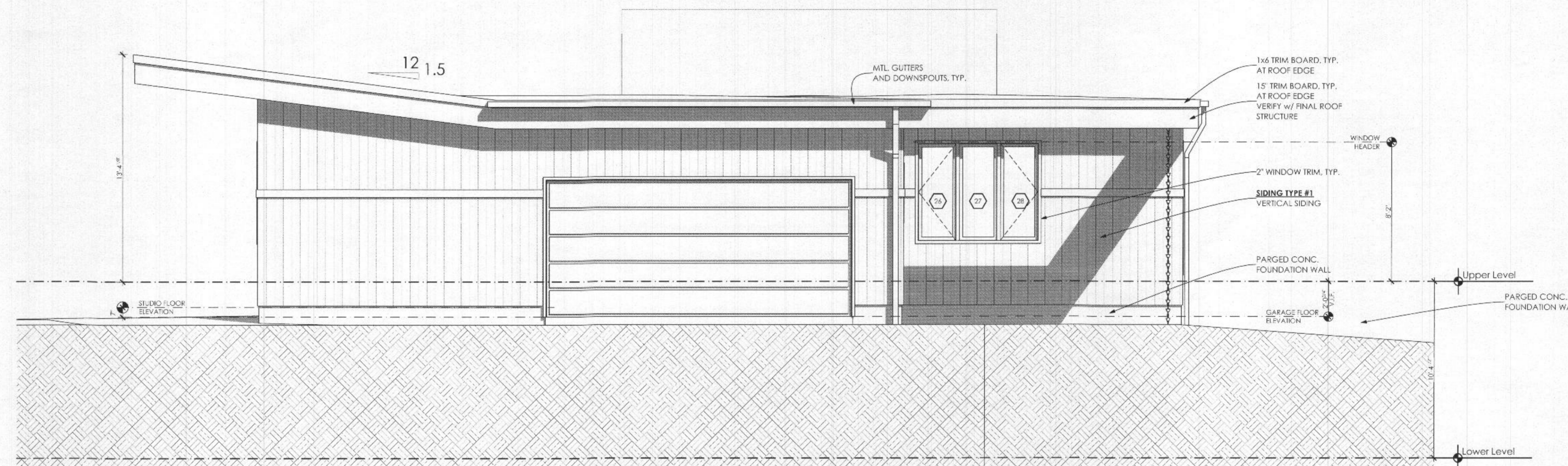
Building Elevations

ARCHITECT
License #110338



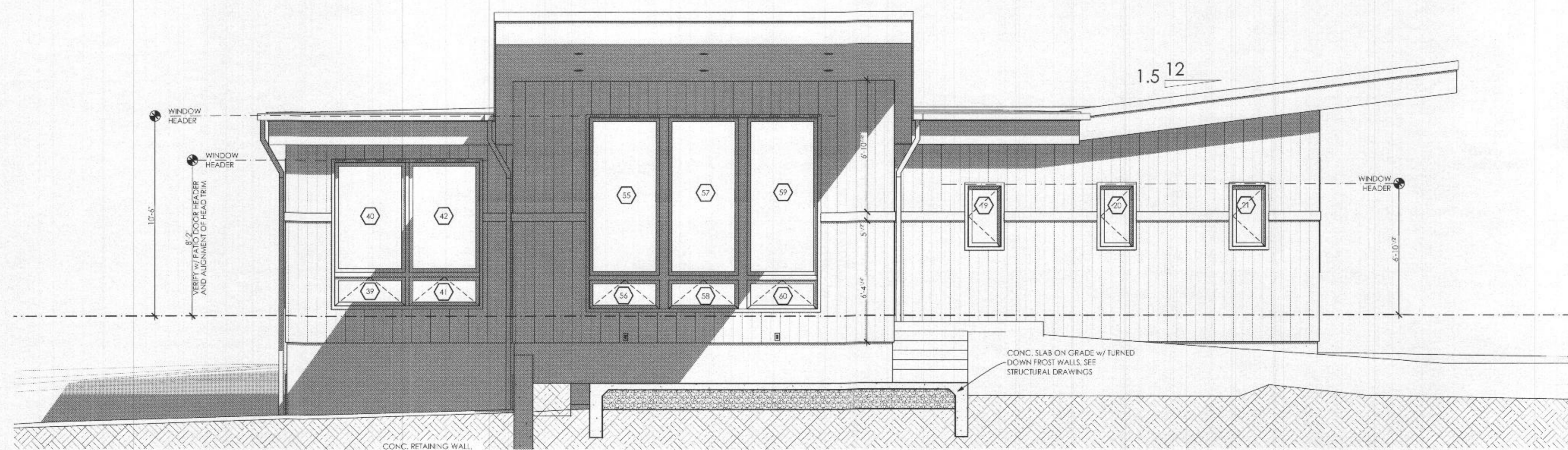
Peter R. Twohy
STATE OF MARYLAND

A2.1



1 North Elevation
SCALE: 1/4" = 1'-0"

Siding Take-off	
Siding Type	Total Siding Area
Ship Lap	2,016



2 South Elevation
SCALE: 1/4" = 1'-0"

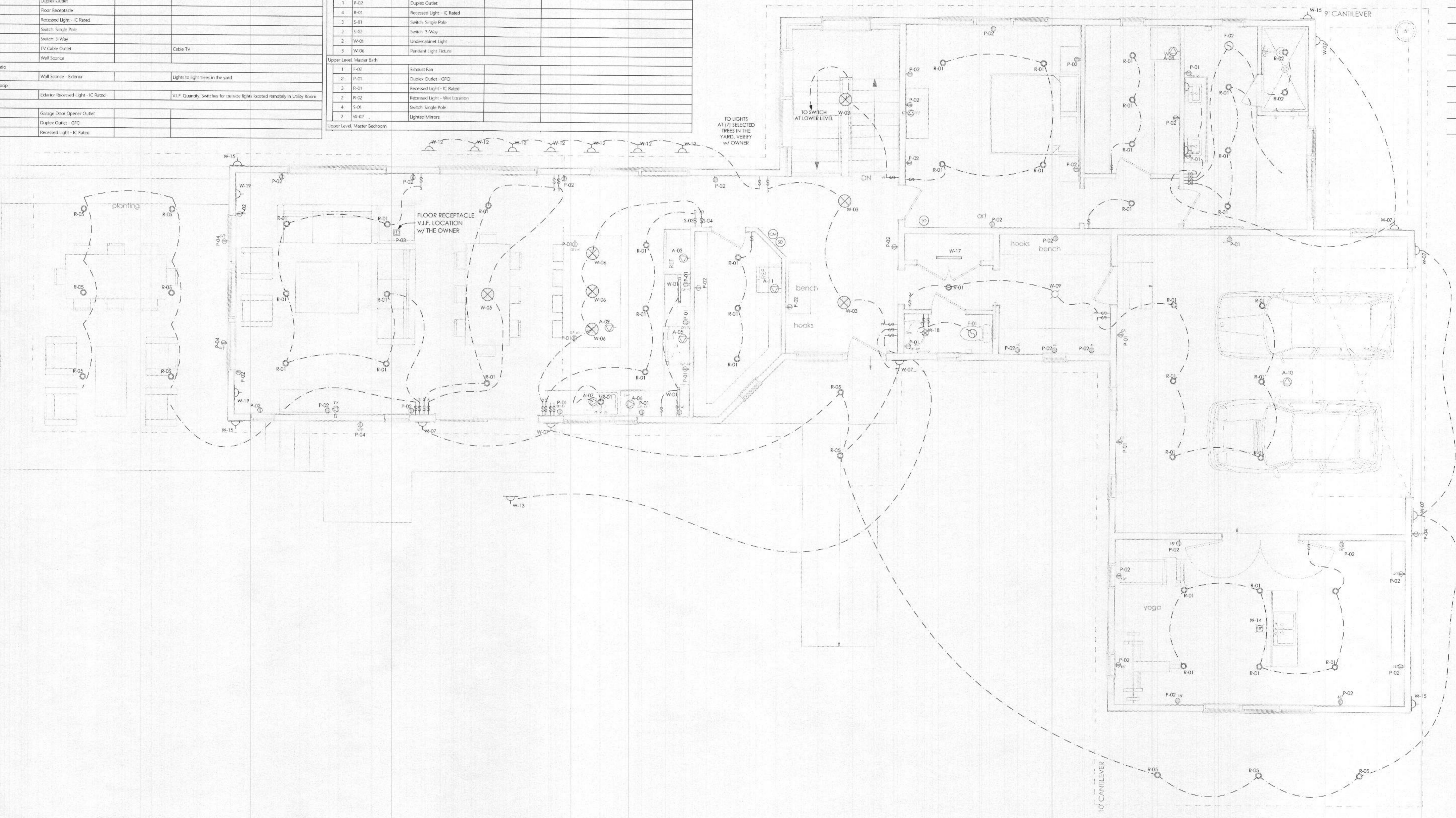
Electrical Fixture List - By Room				
QTY	ID	Description	Manufacturer	Notes
9	P-02	Duplex Outlet		
1	S-01	Switch: Single Pole		
5	W-04	Ceiling Light - TBD		Utility room lighting, verify fixture type
Upper Level:				
2	P-06	Duplex Outlet - Waterproof GFCI		
6	S-05	Exterior Recessed Light - IC Rated		V.I.F. Quantity, switches for outside lights located remotely in Utility Room
7	W-07	Wall Sconce - Exterior		
1	W-13	Exterior Pole Light		Light at end of the driveway
3	W-15	Infrared Sensor Light		
Upper Level, Art Studio/Cym:				
8	P-02	Duplex Outlet		
6	R-01	Recessed Light - IC Rated		
1	S-03	Switch: Single Pole		
1	W-14	Ceiling Light - TBD		Ceiling mounted light, V.I.F. selection of Owner
Upper Level, Closet #1:				
1	W-17	Closet Light		
Upper Level, Dining Room:				
2	R-01	Recessed Light - IC Rated		
3	S-02	Switch: 3-Way		
1	W-05	Pendant Light Fixture		
Upper Level, Family Room:				
7	P-02	Duplex Outlet		
1	P-03	Floor Receptacle		
6	R-01	Recessed Light - IC Rated		
1	S-01	Switch: Single Pole		
3	S-02	Switch: 3-Way		
1	TV	TV Cable Outlet		Cable TV
2	W-19	Wall Sconce		
Upper Level, Foyer/Patio:				
7	W-12	Wall Sconce - Exterior		lights to light trees in the yard
Upper Level, Food Storage:				
1	R-05	Exterior Recessed Light - IC Rated		V.I.F. Quantity, switches for outside lights located remotely in Utility Room
Upper Level, Garage:				
1	A-30	Garage Door Opener Outlet		
3	P-01	Duplex Outlet - GFCI		
6	R-01	Recessed Light - IC Rated		

Electrical Fixture List - By Room				
QTY	ID	Description	Manufacturer	Notes
Upper Level, Hall #2:				
1	R-01	Recessed Light - IC Rated		
1	S-02	Switch: 3-Way		
Upper Level, Hall #3:				
1	S-01	Recessed Light - IC Rated		
1	S-01	Switch: Single Pole		
Upper Level, Hall #4:				
1	CM	Carbon Monoxide Detector		
1	P-02	Duplex Outlet		
1	S-01	Switch: Single Pole		
1	S-02	Switch: 3-Way		
1	S-03	Switch: Dimmer		
1	S-04	Switch: 3-Way/Dimmer		
1	SD	Smoke Detector		
Upper Level, Kitchen:				
1	A-03	Refrigerator Outlet		
1	A-05	Range Hood Outlet		
1	A-06	Dishwasher Outlet		
1	A-07	Garbage Disposal		
1	A-09	Microwave Outlet		
8	P-02	Duplex Outlet - GFCI		
1	P-02	Duplex Outlet		
4	R-01	Recessed Light - IC Rated		
3	S-01	Switch: Single Pole		
2	S-02	Switch: 3-Way		
2	W-01	Undercabinet Light		
3	W-06	Pendant Light Fixture		
Upper Level, Master Bath:				
1	F-02	Exhaust Fan		
2	P-01	Duplex Outlet - GFCI		
3	R-01	Recessed Light - IC Rated		
2	R-02	Recessed Light - Wet Location		
4	S-01	Switch: Single Pole		
3	W-02	Lighted Mirror		
Upper Level, Master Bedroom:				
1	P-02	Duplex Outlet - GFCI		
1	S-01	Switch: Single Pole		
1	S-02	Switch: 3-Way		
1	W-03	Ceiling Light - TBD		Ceiling mounted light, V.I.F. selection of Owner

Electrical Fixture List - By Room				
QTY	ID	Description	Manufacturer	Notes
Upper Level, Master Bedroom:				
7	P-02	Duplex Outlet		
4	S-01	Recessed Light - IC Rated		
1	S-01	Switch: Single Pole		
1	SD	Smoke Detector		
1	TV	TV Cable Outlet		Cable TV
Upper Level, Master Closet:				
1	A-08	Stacked W/O		
1	S-02	Duplex Outlet		
3	S-01	Recessed Light - IC Rated		
1	S-01	Switch: Single Pole		
Upper Level, Mudroom:				
4	P-02	Duplex Outlet - GFCI		
1	S-01	Switch: Single Pole		
1	S-02	Switch: 3-Way		
1	W-02	Ceiling Light - TBD		Ceiling mounted light, V.I.F. selection of Owner

Electrical Fixture List - By Room				
QTY	ID	Description	Manufacturer	Notes
Upper Level, Pantry:				
1	A-09	Refrigerator Outlet		
1	P-02	Duplex Outlet		
3	R-01	Recessed Light - IC Rated		
1	S-01	Switch: Single Pole		
Upper Level, Powder Room:				
1	F-01	Recessed Fan Light		
1	P-01	Duplex Outlet - GFCI		
2	S-01	Switch: Single Pole		
1	W-18	Pendant Light Fixture		
Upper Level, Stair-hall:				
2	P-02	Duplex Outlet		
2	S-01	Switch: Single Pole		
2	S-02	Switch: 3-Way		
3	W-03	Pendant Light Fixture		
282				

Symbol Legend	
Symbol	Description
	Appliance Outlet
	Carbon Monoxide Detector
	Exhaust Fan
	Junction Box
	Outlet: 220 Duplex
	Outlet: Duplex
	Outlet: Duplex Exterior
	Outlet: Floor
	Outlet: GFCI
	Pendant Fixture
	Recessed Light
	Smoke Detector
	Switch: 3-Way
	Switch: 3-Way/Dimmer
	Switch: Dimmer
	Switch: Single Pole
	TV Outlet
	Undercabinet Light
	Wall Light



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

ARCHITECTS
2e Architects
9518 Deereco Road
Suite 907
Timonium, Maryland 21093
410.583.2112
Peter@2e-Architects.com

CONSULTANTS

THE ARCHITECT CERTIFIES TO THE BEST OF HIS KNOWLEDGE AND BELIEF THAT THE INFORMATION SHOWN ON THE DRAWINGS IS CORRECT. HOWEVER THIS DOCUMENT CANNOT BE RELIED UPON FOR LEGAL OR OTHER PROTECTIONS NORMALLY ASSOCIATED WITH FULL ARCHITECTURAL DOCUMENTATION AND SERVICE AND AN AGREEMENTS. THE SOLE PURPOSE OF THESE DRAWINGS IS TO DESCRIBE DESIGN INTENT AND PROVIDE THE MINIMUM INFORMATION REQUIRED TO OBTAIN A BUILDING PERMIT. IN NO WAY ARE THEY MEANT TO REPRESENT COMPLETE DESIGN, CONSTRUCTION OR CONTRACT DOCUMENTS. THE OWNER ACCEPTS FULL RESPONSIBILITY FOR THE USE OF THESE DRAWINGS BEYOND THE PURPOSE STATED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE WEATHER-TIGHTNESS AND COMPLIANCE WITH ALL STRUCTURAL AND CODE REQUIREMENTS AS THEY PERTAIN TO CONSTRUCTION BASED ON THE INFORMATION SHOWN HERE. ANY ADDITIONAL STRUCTURAL INFORMATION OR DETAILS NOT SHOWN ON THE DRAWINGS, NECESSARY FOR A COMPLETE, SOUND CONSTRUCTION SHALL BE DESIGNED AND SPECIFIED BY A LICENSED STRUCTURAL ENGINEER BEFORE INSTALLATION.

**Rich & Denise
Temofeev
Residence**
14005 Clarksville Pike
Highland Maryland 20777

Permit Set
5/31/2022

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY:
CHK'D BY:
COPYRIGHT

SHEET TITLE
Upper Level Electrical

ARCHITECT
License #14338

Peter R. Twoby
STATE OF MARYLAND

A4.1

STRUCTURAL NOTES

1 GENERAL

- A. THE PORCH IS DESIGNED UNDER THE PROVISIONS OF THE 2018 IRC AS AMENDED BY MONTGOMERY COUNTY EXECUTIVE REGULATION NO. 31-19.
- B. THE FOLLOWING LIVE LOADS WERE UTILIZED IN THE DESIGN:

ROOF	30 PSF
LIVING AREAS	40 PSF
SLEEPING ROOMS	30 PSF
EXTERIOR DECK	40 PSF
GARAGE	50 PSF
- ROOF SNOW LOAD
- GROUND SNOW LOAD (Pg) 30 PSF
- WIND LOAD
- BASIC WIND SPEED (V3s) 115 MPH
- IMPORTANCE FACTOR (iw) 1.0
- WIND EXPOSURE B
- DEAD LOAD ARE USED AS FOLLOWS UNLESS NOTED OTHERWISE:

ROOF	10 PSF
TOP CHORD	10 PSF
BOTTOM CHORD	7 PSF
ATTIC FLOOR	10 PSF
2ND FLOOR	10 PSF
1ST FLOOR	10 PSF

- C. THE BASIC STABILITY OF THE STRUCTURE IS DEPENDENT UPON THE DIAPHRAGM ACTION OF FLOORS, WALLS & ROOF ACTING TOGETHER. CONTRACTOR TO PROVIDE ALL GUYS, BRACES, STRUTS, ETC. AS REQUIRED TO ACCOMMODATE ALL LIVE, DEAD AND WIND LOADS. ALL FINAL CONNECTIONS BETWEEN THESE ELEMENTS ARE MADE.
- D. BASEMENT AND FOUNDATION WALLS ARE DEPENDENT UPON THE COMPLETED INSTALLATION OF FLOORS FOR THEIR STABILITY. CONTRACTOR SHALL NOT PLACE BACKFILL UNTIL THESE ELEMENTS ARE COMPLETELY INSTALLED, OR CONTRACTOR HAS PROVIDED SHORING AND BRACING TO ADEQUATELY RESTRAIN WALL.
- E. THE STRUCTURAL INTEGRITY OF THE BUILDING SHOWN ON THESE PLANS IS DEPENDENT UPON COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. STRUCTURAL MEMBERS ARE NOT SELF BRACING UNTIL PERMANENTLY AFFIXED TO THE STRUCTURE AS DIRECTED. THE STRUCTURAL ENGINEERS ASSUME NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION UNLESS THE CONSTRUCTION METHOD AND BRACING ARE INCLUDED IN THE PLANS AND SPECIFICATIONS OR ARE SUPERVISED BY THE STRUCTURAL ENGINEERS DURING CONSTRUCTION.

2 EARTHWORK

- A. SOIL BEARING VALUE AT THE BOTTOM OF ALL FOOTINGS IS ASSUMED TO BE 2000 PSF. THIS VALUE IS TO BE VERIFIED IN THE FIELD PRIOR TO POURING FOOTINGS BY A REGISTERED ENGINEER EXPERIENCED IN SOILS ENGINEERING OR BY A QUALIFIED INSPECTOR.
- B. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISH EXTERIOR GRADE. WHERE REQUIRED, STEP FOOTINGS IN RATIO OF 2 HORIZONTAL TO 1 VERTICAL.
- C. COMPACTED BACKFILL BELOW BUILDING SLABS - ALL SOIL FILL MATERIAL MUST BE APPROVED BY SOILS ENGINEER PRIOR TO PLACEMENT. MATERIALS TO BE FREE FROM ORGANIC MATERIAL, TRASH, MUCK, CONCRETE, ASPHALT OR OTHER DELETERIOUS SUBSTANCES. PRIOR TO PLACING FILL, THE EXISTING SURFACE SHALL BE CLEARED OF ALL REFUSE OR ORGANIC MATERIALS. FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED 8" AND COMPACTED TO MIN. 95% OF THE DRY MAX. DENSITY AS DETERMINED BY ASTM D698.
- D. FOUNDATION WALLS ARE DESIGNED FOR A LATERAL EARTH PRESSURE OF 60 PCF ASSUMING A FREE DRAINING MATERIAL OR DRAINING BOARD BEHIND WALL WITH A PERIMETER DRAIN TILE SYSTEM. NOTIFY ENGINEER IF SOIL CONDITIONS DIFFER.

3 CONCRETE

- A. ALL CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH (f'c) = 3000 PSI IN 28 DAYS. EXTERIOR SLABS SHALL HAVE A MINIMUM STRENGTH OF 3500 PSI. ALL CONCRETE TO BE POURED IN ACCORDANCE WITH ACI 301 SPECIFICATIONS. CONCRETE EXPOSED TO WEATHER TO BE AIR ENTRAINED.
- B. ALL REINFORCING STEEL TO MEET ASTM-A-615 GRADE 60. PLACING PLANS AND SHOP FABRICATION DETAILS SHALL BE IN ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES. FURNISH SUPPORT BARS AND ALL REQUIRED ACCESSORIES IN ACCORDANCE WITH C.R.S.I. STANDARDS. ALL REINFORCING TO BE SPLICED A MINIMUM OF 30 BAR DIAMETERS.
- C. PROVIDE CLEAR DISTANCE TO OUTERMOST REINFORCING AS FOLLOWS: PLANS AND SHOP FABRICATION DETAILS SHALL BE IN ACCORDANCE WITH

- BEAMS EXPOSED TO WEATHER	2"
- FOOTINGS (BOTTOM)	3"
- WALLS	1-1/2"
- D. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCING IN WALLS AND FOOTINGS.

4 MASONRY

- A. APPLICABLE BUILDING CODE AND THE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND SPECIFICATIONS FOR MASONRY STRUCTURES" ACI-530/ACI-530.1, LATEST EDITIONS.
- B. MASONRY TO CONFORM TO THE FOLLOWING SPECIFICATIONS:

HOLLOW LOAD-BEARING C.M.U.	ASTM C90
MORTAR	ASTM C270, TYPE M OR S
GROUT	ASTM C476
- C. MASONRY ASSEMBLIES SHALL HAVE COMPRESSIVE STRENGTH (F'M) GREATER THAN OR EQUAL TO 1350 PSI.
- D. ALL VERTICAL REINFORCING SHALL BE GROUTED IN PLACE WITH TYPE S MORTAR OR PEA GRAVEL CONCRETE.
- E. PROVIDE CONTINUOUS HORIZONTAL JOINT REINFORCING IN MASONRY WALLS AT 16" O.C. PROVIDE AT 8" O.C. AT PARAPETS.
- F. CAVITY WALLS OF BRICK/STONE AND BLOCK SHALL BE CONSTRUCTED WITH JOINT REINFORCING IN MASONRY AND ADJUSTABLE METAL ANCHORS TO BRICK/STONE.

- G. REINFORCING STEEL SHALL CONFORM TO ASTM A615-GR60. LAP BARS A MINIMUM OF 48 BAR DIAMETERS. GROUT ALL REINFORCED CORES SOLID.
- H. UNLESS SHOWN ON PLAN, LINTELS FOR MASONRY WALLS SHALL BE AS FOLLOWS:

OPENINGS TO 3'-0"	3-1/2" X 3-1/2" X 5/16 - 3-1/2" HORIZONTAL
3'-1" TO 5'-0"	4" X 3-1/2" X 5/16 - 3-1/2" HORIZONTAL
5'-1" TO 6'-6"	5" X 3-1/2" X 5/16 - 3-1/2" HORIZONTAL
OVER 6'-6"	AS NOTED ON FRAMING PLANS

 PROVIDE 1 ANGLE FOR EACH 4" OF MASONRY WALL THICKNESS. LINTELS SHALL BEAR 6" MINIMUM EACH END U.N.O.
- I. ALL EXPANSION BOLTS OR SLEEVE ANCHORS IN MASONRY WALLS SHALL BE PLACED IN GROUTED SOLID MASONRY.
- J. PROVIDE DOWELS FROM ALL FOOTINGS TO MASONRY WALLS TO MATCH SIZE AND SPACING OF VERTICAL REINFORCING.
- K. UNLESS SHOWN ON PLAN, LINTELS FOR STONE VENEER WALLS SHALL BE AS FOLLOWS:

OPENINGS TO 3'-0"	5" X 3-1/2" X 5/16 - 5 HORIZONTAL
3'-1" TO 5'-0"	5" X 4" X 5/16 - 5 HORIZONTAL
5'-1" TO 6'-6"	5" X 5" X 5/16 - 5 HORIZONTAL
OVER 6'-6"	AS NOTED ON FRAMING PLANS

 ALL LINTEL EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED. PROVIDE 1 ANGLE FOR EACH 6" OR STONE VENEER THICKNESS. LINTELS SHALL BEAR 6" MINIMUM EACH END U.N.O.

5 STEEL

- A. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36. WIDE FLANGES TO BE A572-GR50. PIPE TO BE A53. TUBE TO BE A500 UNLESS OTHERWISE NOTED. DETAILING TO BE IN ACCORDANCE WITH AISC STRUCTURAL STEEL DETAILING MANUAL. BOLTED FIELD CONNECTION SHALL BE 3/4" DIAMETER HIGH STRENGTH BOLTS MEETING ASTM SPEC. A-325.
- B. SUBMIT COMPLETE SHOP AND ERECTION DRAWINGS FOR APPROVAL PRIOR TO FABRICATION OR ERECTION.
- C. ALL WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY. ALL WELDING ELECTRODES, MACHINES, ETC. SHALL BE COMPATIBLE WITH STEEL BEING WELDED.
- D. FLITCH BEAMS SHALL BE BOLTED WITH 1/2" INCH DIAMETER THROUGH BOLTS AT 16 INCHES ON CENTER TOP AND BOTTOM WITH THE FIRST SET OF BOLTS 6 INCHES FROM THE END.

6 WOOD

- A. ALL FRAMING LUMBER SHALL BE HEM-FIR, GRADE #2, OR SPRUCE-PINE-FIR GRADE #2, OR BETTER, HAVING THE FOLLOWING MINIMUM BASE DESIGN VALUES:

-BENDING STRESS "Fb"	= 850 PSI FOR SINGLE MEMBER USE
-HORIZONTAL SHEAR "Fv"	= 135 PSI
-COMPRESSION PERPENDICULAR TO GRAIN "Fc"	= 405 PSI
-COMPRESSION PARALLEL TO GRAIN "Fcl"	= 1,150 PSI
-MODULUS OF ELASTICITY "E"	= 1,300,000 PSI

 NOTE: SPRUCE-PINE-FIR (SOUTH) IS NOT ACCEPTABLE. SPRUCE-PINE-FIR MUST BE GRADED BY NGLA.
- B. ALL EXTERIOR FRAMING SHALL BE PRESSURE-TREATED. FRAMING SHALL BE PRESSURE-TREATED WITH ALKALINE COPPER QUAT (ACQ) OR COPPER AZOLE (CBA-A AND CBA-B), NOT SODIUM BORATE (SBK). LUMBER OR STRUCTURAL POSTS SHALL BE SOUTHERN YELLOW PINE, GRADE 2 OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES (BASED ON 2X12 LUMBER):

-BENDING STRESS "Fb"	= 750 PSI FOR SINGLE MEMBER USE
-HORIZONTAL SHEAR "Fv"	= 90 PSI
-COMPRESSION PERPENDICULAR TO GRAIN "Fc"	= 565 PSI
-COMPRESSION PARALLEL TO GRAIN "Fcl"	= 1,250 PSI
-MODULUS OF ELASTICITY "E"	= 1,400,000 PSI
- C. PLYWOOD LAMINATED (MICROLAM OR LVL) BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

-BENDING STRESS "Fb"	= 2600 PSI
-HORIZONTAL SHEAR "Fv"	= 250 PSI
-MODULUS OF ELASTICITY "E"	= 1,900,000 PSI
- D. ALL WALL STUDS SHALL BE SPF STUD GRADE OR BETTER, HAVING THE FOLLOWING MINIMUM BASE DESIGN VALUES:

-COMPRESSION PARALLEL TO GRAIN "Fcl"	= 625 PSI
-BENDING STRESS "Fb"	= 725 PSI FOR SINGLE USE MEMBERS
-MODULUS OF ELASTICITY "E"	= 1,200,000 PSI
- E. UNLESS NOTED OTHERWISE, FASTENING FOR STRUCTURAL MEMBERS SHALL FOLLOW INTERNATIONAL RESIDENTIAL CODE TABLE R602.3(1).
- F. CUTTING AND NOTCHING OF CONVENTIONAL 2X FLOOR JOISTS SHALL CONFORM TO THE FOLLOWING:

-NOTCH DEPTH IN THE TOP OR BOTTOM OF THE JOISTS AND BEAMS SHALL NOT EXCEED ONE-SIXTH THE DEPTH OF THE MEMBERS AND SHALL NOT BE LOCATED IN THE MIDDLE ONE THIRD OF THE SPAN (INCLUDING BIRD'S MOUTH CUTS).
-NOTCH DEPTH AT THE ENDS OF THE MEMBER SHALL NOT EXCEED ONE-FOURTH THE DEPTH OF THE MEMBER.
-THE TENSION SIDE OF BEAMS, JOISTS AND RAFTERS SHALL NOT BE NOTCHED, EXCEPT AT ENDS OF MEMBERS.
-HOLES BORED OR CUT INTO JOISTS SHALL NOT BE CLOSER THAN TWO INCHES TO THE TOP OR BOTTOM OF THE JOISTS. THE DIAMETER OF THE HOLE SHALL NOT EXCEED ONE-THIRD THE DEPTH OF THE JOISTS.

- G. PROVIDE BLOCKING BETWEEN ALL JOISTS 2X12 OR GREATER IN DEPTH AT INTERVALS NOT TO EXCEED 8 FEET. TRUSS JOIST AND "I" JOIST SHALL HAVE BRIDGING BETWEEN JOISTS DESIGNED BY THE MANUFACTURER TO CONFORM BUILDING CODE REQUIREMENTS.
- H. PROVIDE SOLID BLOCKING AT 4 FEET ON CENTER BETWEEN BAND JOIST AND FIRST INTERIOR PARALLEL JOIST, UNO.
- I. PREFABRICATED JOIST HANGERS, BEAM HANGERS, POST CAPS AND POST BASES SHALL BE SIZED AND ATTACHED PER MANUFACTURERS RECOMMENDATION. FASTENERS AND CONNECTORS UTILIZED WITH PRESSURE-TREATED MEMBERS SHALL MEET G185 GALVANIZING.
- J. ANCHOR BOLTS CONNECTING PRESSURE TREATED WOOD PLATES TO FOUNDATIONS, MASONRY WALLS, OR CONCRETE SLABS SHALL BE HOT-DIPPED GALVANIZED.
- K. HOLES THROUGH WOOD IS SHALL NOT EXCEED MANUFACTURERS RECOMMENDATIONS. NO CUTS OR HOLES ARE ALLOWED THROUGH TOP OR BOTTOM CHORD.
- L. TRUSS FLOOR JOISTS & "I" FLOOR JOISTS SHALL BE PER DEPTH AS SHOWN ON DRAWINGS. SPACING OF THE FLOOR JOISTS AS SHOWN ON DRAWINGS ARE MAXIMUM ACCEPTABLE SPACING.
- M. PROVIDE LSL BAND BOARD IN WOOD "I" FLOOR JOIST SYSTEMS AT ALL PERIMETER BEARING WALLS. PROVIDE SQUASH BLOCKS AND STIFFENERS AS REQUIRED TO DISTRIBUTE LOADINGS AND AS REQUIRED BY MANUFACTURER. PROVIDE SOLID BLOCKING AT INTERIOR JOIST SUPPORTS WITH BEARING WALLS ABOVE.
- N. MULTIPLE STUDS SHALL BE NAILED WITH 10d NAILS AT 24" O.C. PROVIDE SOLID BLOCKING OR CRIPPLE STUDS IN FLOOR SYSTEM AT ALL POINT LOADS ABOVE.
- O. ALL PREFRISTANDING POSTS SHALL HAVE PREFAB POSTCAP AND BASE. POSTS WITHIN WALL SHALL HAVE PREFAB CAP ATTACHED TO BEAM. POSTS BEARING ON MASONRY OR CONCRETE SHALL HAVE PREFAB BASE.
- P. HOLES BORED IN BEARING WALL STUDS SHALL NOT EXCEED 1/3 OF STUD WIDTH.
- Q. ALL STUD BEARING WALLS TO BE PROVIDED WITH 2 CONTINUOUS TOP PLATES AND 1 CONTINUOUS BOTTOM PLATE SPLICES OF TOP PLATE SHALL OCCUR OVER STUD. SPLICES SHALL BE STAGGERED A MINIMUM OF TWO FEET.
- R. ALL ROOF RAFTERS AND TRUSSES SHALL BE CONNECTED AT EACH BEARING POINT WITH ONE PREFABRICATED GALVANIZED METAL CONNECTOR. EACH ANCHOR SHALL BE 18 GAGE MINIMUM THICK AND SHALL BE ATTACHED TO HAVE A CAPACITY TO RESIST A 450# UPLIFT LOADING UNLESS SHOWN OTHERWISE ON DRAWINGS.
- S. ALL PREFABRICATED TRUSSES AND TRUSS JOISTS SHALL BE DESIGNED FOR THE LIVE AND DEAD LOADS INDICATED IN IB, DRUSTS AND TRUSS JOIST SPACING SHOWN ON DRAWINGS IS MAXIMUM ACCEPTABLE SPACING. SPACING OF TRUSSES SHALL BE ADJUSTED AS REQUIRED TO MEETING LOADING REQUIREMENTS.
- T. THE DESIGN OF THE BRACING REQUIRED TO LATERALLY STABILIZE THE TRUSSES AND THE TRUSS MEMBERS SHALL BE THE RESPONSIBILITY OF THE SPECIALTY ENGINEER. TEMPORARY BRACING DURING ERECTION IS THE RESPONSIBILITY OF CONTRACTOR.
- U. ALL PREFABRICATED TRUSSES AND TRUSS JOISTS SHALL BE DESIGNED FOR THE FOLLOWING LOADS UNLESS NOTED OTHERWISE:

ROOF	LIVE LOAD - 30 PSF
DEAD LOAD BOTTOM CHORD	- 7 PSF
- V. PARALLEL PSL HEADERS AND BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

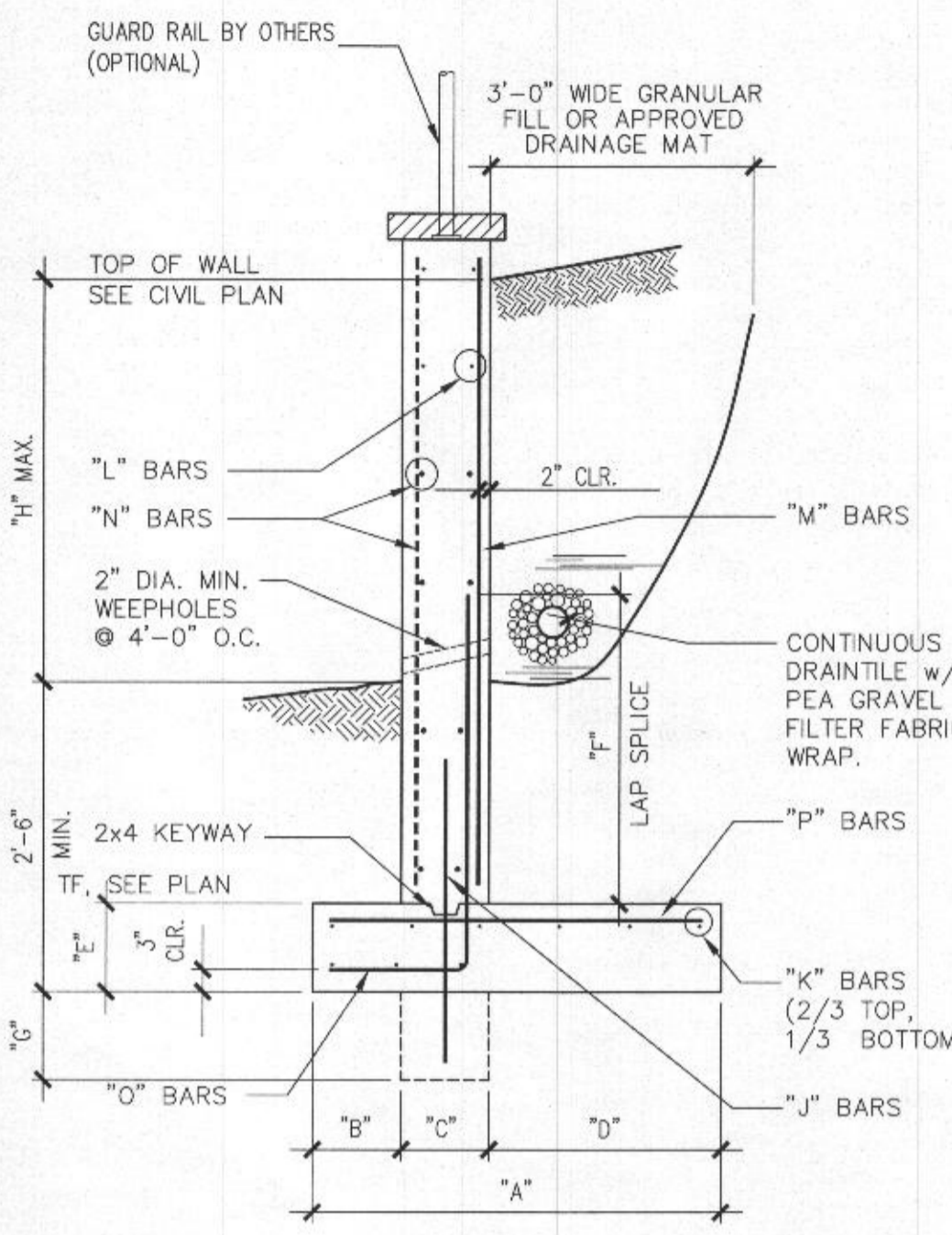
-BENDING STRESS "Fb"	= 2,900 PSI
-HORIZONTAL SHEAR "Fv"	= 290 PSI
-MODULUS OF ELASTICITY "E"	= 2,000,000 PSI

7 SHEATHING

- A. FLOOR SHEATHING SHALL BE 23/32 (3/4) INCH APA RATED STURD-I-FLOOR, TONGUE AND GROOVE, PLYWOOD, OR EQUAL. PANELS SHALL HAVE LONG DIMENSION ORIENTED ACROSS THREE OR MORE JOISTS AND SHALL BE FASTENED WITH CONSTRUCTION ADHESIVE AND 8d NAILS AT 6 INCHES ON CENTER AT PANEL EDGES AND AT 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS. UNLESS NOTED OTHERWISE, PANEL EDGES NEED NOT BE BLOCKED.
- B. ROOF SHEATHING SHALL BE 15/32 (1/2) INCH APA RATED WOOD PANELS WITH SPAN RATING OF 24/0 OR BETTER. FASTEN PANELS TO FRAMING WITH 8d NAILS AT 6 INCHES ON CENTER AT PANEL EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS. ORIENT LONG DIMENSION OF PANELS ACROSS THREE OR MORE SUPPORTS. EDGES NEED NOT BE BLOCKED, UNLESS OTHERWISE NOTED.
- C. ALL EXTERIOR WALL SHEATHING SHALL BE BRACED IN ACCORDANCE R602.10.4 IRC 2018 SEE BRACING WALL PLAN

8 MISCELLANEOUS

- A. ALL WOOD BLOCKING, NAILERS, ETC. SHALL BE ATTACHED TO STEEL OR CONCRETE FRAMING WITH POWER ACTUATED FASTENERS OR 1/2" DIAMETER BOLTS UNLESS NOTED OTHERWISE. FASTENERS SHALL BE SPACED AT 24" MAXIMUM O.C. FASTENERS SHALL HAVE A MINIMUM CAPACITY OF 100 POUNDS IN SHEAR AND PULLOUT UNLESS NOTED OTHERWISE.



LOW RETAINING WALL SCHEDULE (H < 10'-0")

WALL HEIGHT	DIMENSIONS							
	H	A	B	C	D	E	F	G
2'-0"	2'-2"	0'-6"	0'-12"	0'-8"	1'-0"	2'-0"	0"	
4'-0"	3'-9"	0'-9"	0'-12"	2'-0"	1'-0"	2'-0"	0"	
6'-0"	4'-6"	1'-6"	0'-12"	2'-0"	1'-0"	2'-0"	1'-0"	
8'-0"	6'-0"	1'-3"	0'-12"	4'-6"	1'-0"	2'-0"	1'-4"	
10'-0"	10'-9"	2'-6"	0'-12"	7'-5"	1'-0"	3'-6"	1'-4"	

WALL HEIGHT	REINFORCING							
	H	J	K	L	M	N	O	P
2'-0"	-	3-#4	#4 @ 24" CENTERED	#4 @ 12"	-	#4 @ 12"	#4 @ 16"	
4'-0"	-	5-#4	#4 @ 16" CENTERED	#4 @ 12"	-	#4 @ 12"	#4 @ 16"	
6'-0"	#4 @ 9"	6-#4	#4 @ 16"	#5 @ 12"	-	#5 @ 12"	#4 @ 9"	
8'-0"	#4 @ 9"	7-#4	#4 @ 16"	#5 @ 8"	-	#5 @ 8"	#5 @ 10"	
10'-0"	#4 @ 9"	11-#4	#4 @ 12"	#7 @ 10"	-	#7 @ 10"	#6 @ 12"	

Job #
Date: 04/29/2022 Issue: REVIEW SET
05/27/2022 PERMIT SET

REVISION



I hereby certify that these documents were prepared or approved by me, and I am a duly licensed professional engineer under the law of the State of Maryland, License No. 22243, Expiration Date: 02/04/2023

Drawn ZH Checked JZ
Scale AS NOTED
Sheet Title

STRUCTURAL NOTES & DETAIL
© JZ 2022
ALL RIGHTS RESERVED
Sheet No.