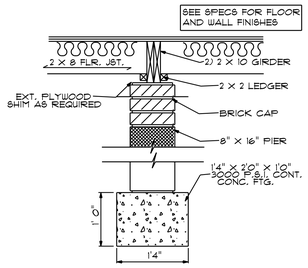
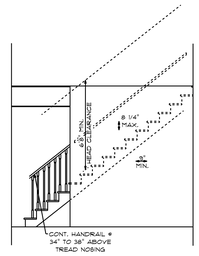


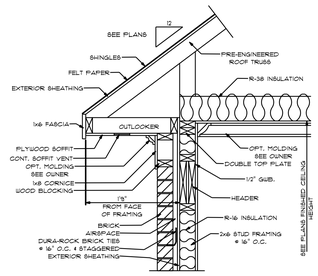
OPT. NON-BEARING GIRDER

SCALE: 1" = 1'0"



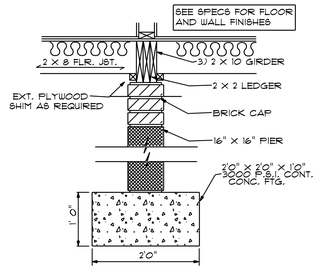
TYPICAL STAIR DETAIL

SCALE: 1/4" = 1'0"



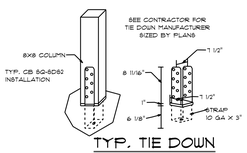
OVERHANG DETAIL

SCALE: 1" = 1'0"



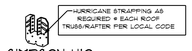
OPT. BEARING GIRDER NON-POINT LOAD

SCALE: 1" = 1'0"



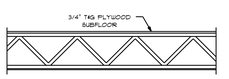
TYP. TIE DOWN DETAIL

NTS



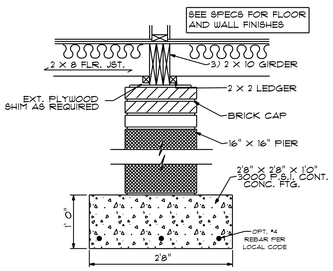
SIMPSON H10

NTS



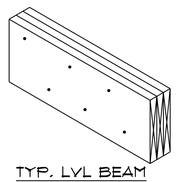
TYP. ENG. FLOOR TRUSS SIZED BY OTHERS

SCALE: 1/2" = 1'0"



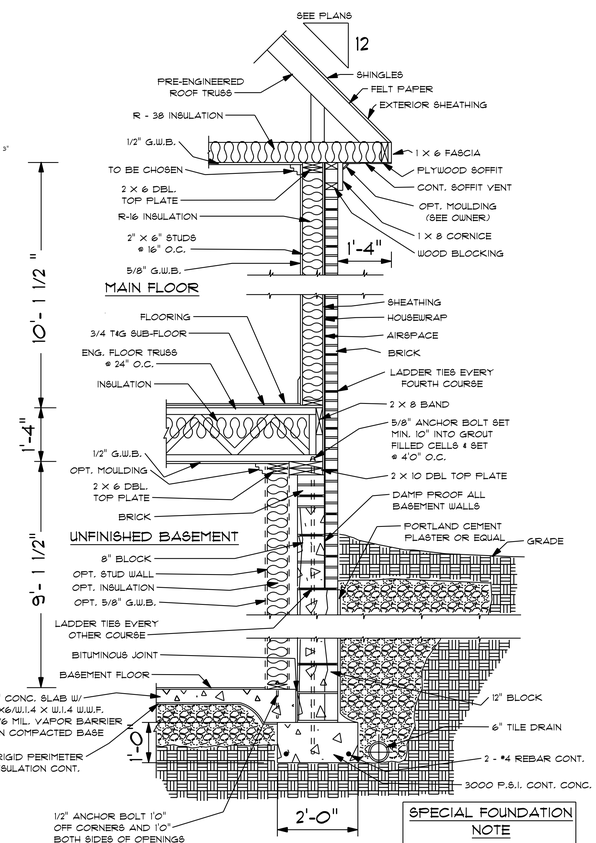
TYP. BEARING GIRDER POINT LOAD

SCALE: 1" = 1'0"



TYP. LVL BEAM

SCALE: 1" = 1'0"

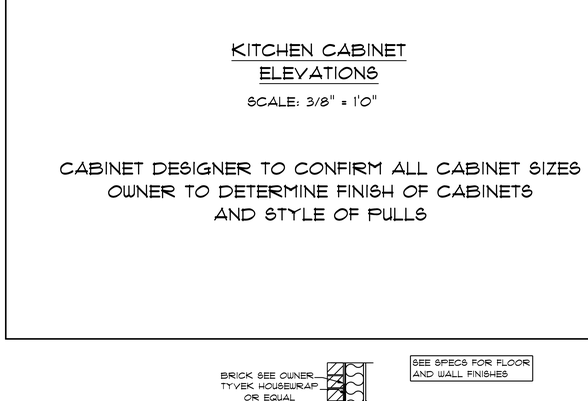


2" x 6" BASEMENT EXT. WALL /FOUNDATION DETAIL

NTS

SPECIAL FOUNDATION NOTE

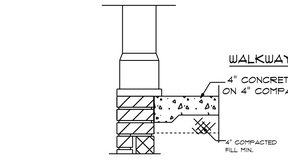
WALLS ABOVE 48" IN HEIGHT TO HAVE 5/8" ANCHOR BOLT SET INTO GROUT FILLED CELLS 4 DOWN INTO FOOTING 4 SET 4'0" O.C.



KITCHEN CABINET ELEVATIONS

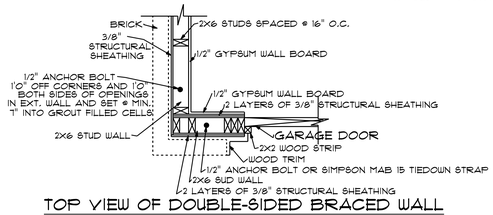
SCALE: 3/8" = 1'0"

CABINET DESIGNER TO CONFIRM ALL CABINET SIZES
OWNER TO DETERMINE FINISH OF CABINETS
AND STYLE OF PULLS



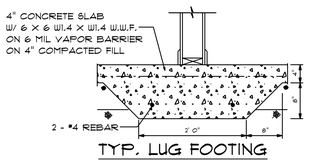
TYP. PORCH/WALKWAY COLUMN FOUND. DETAIL

SCALE: 1" = 1'0"



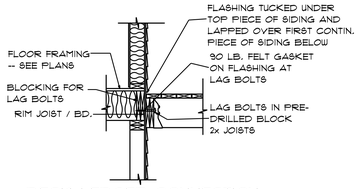
TOP VIEW OF DOUBLE-SIDED BRACED WALL

SCALE: 1" = 1'0"



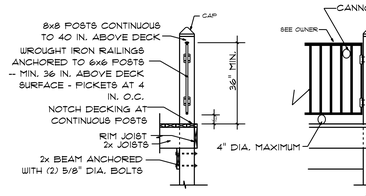
TYP. LUG FOOTING

SCALE: 1" = 1'0"



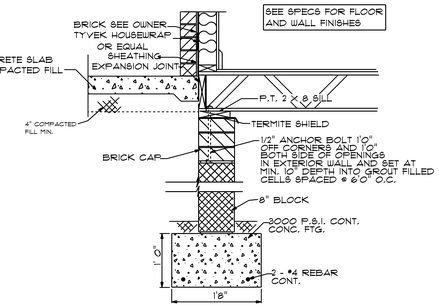
DECK LEDGER CONNECTION

NTS



DECK POST CONTINUOUS TO RAILING POST OWNER TO CONFIRM STYLE

NTS



TYP. PORCH WALL FOUND. DETAIL

SCALE: 1" = 1'0"

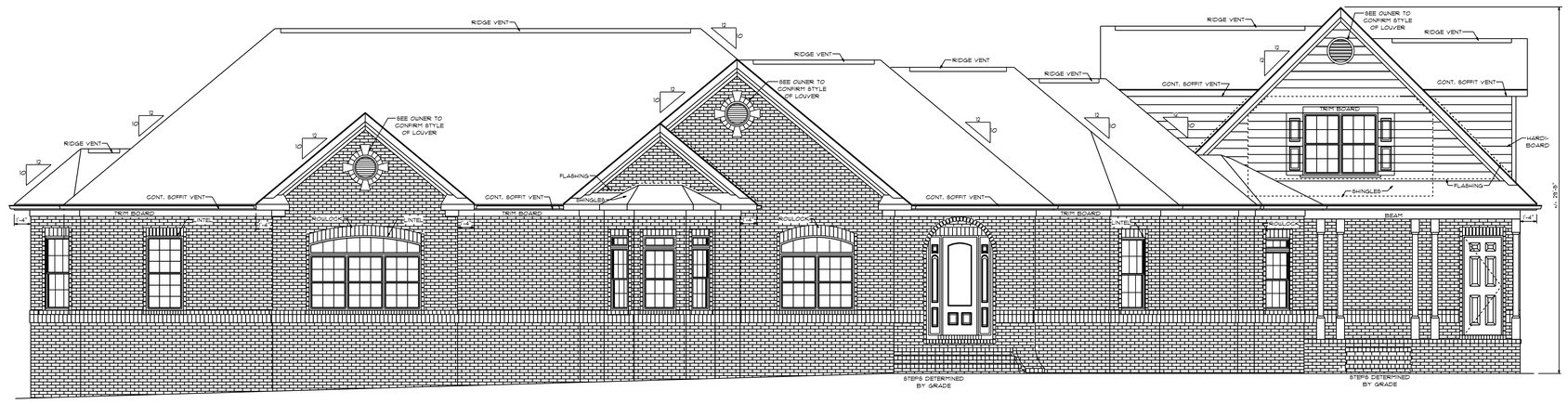
10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD

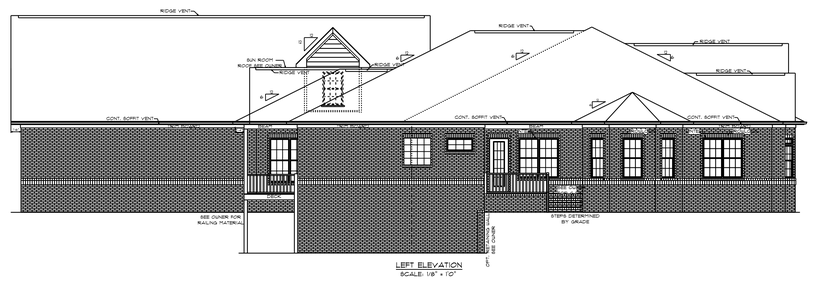
DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CGP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

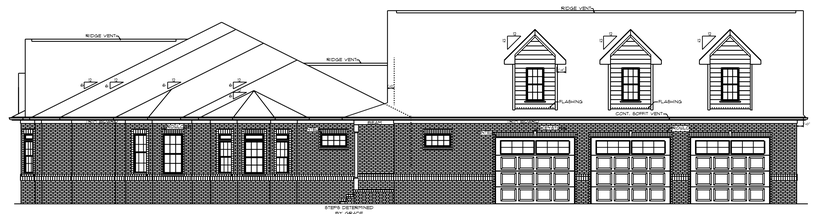
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE 100, 110, 120, 130, 140, 150 MPH



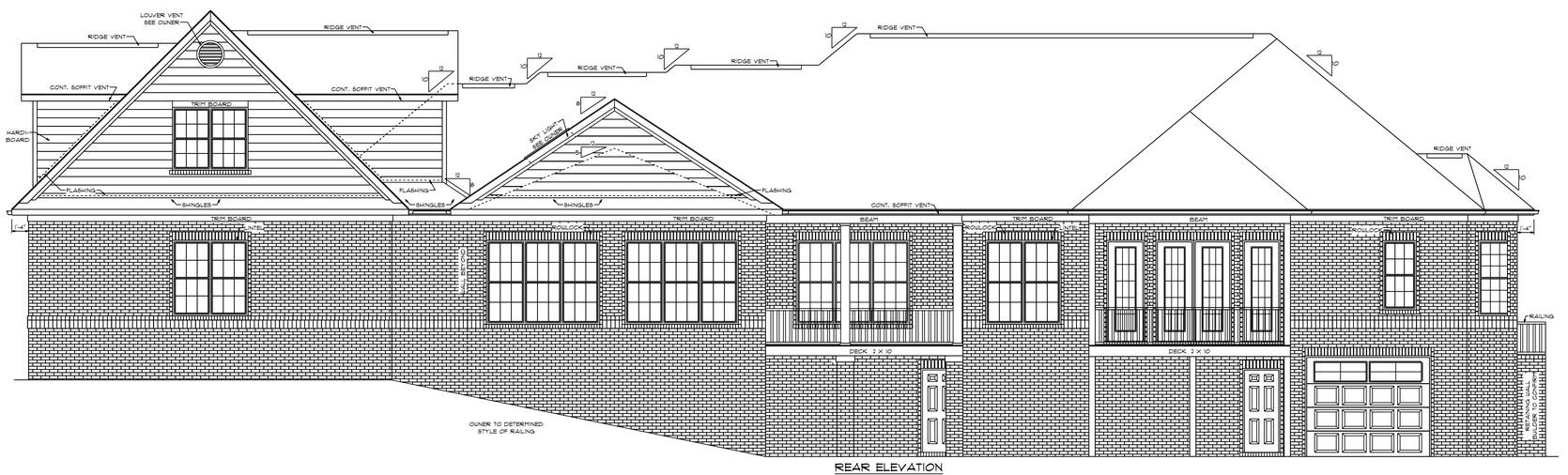
FRONT ELEVATION
SCALE: 1/4" = 1'0"



LEFT ELEVATION
SCALE: 1/8" = 1'0"



RIGHT ELEVATION
SCALE: 1/8" = 1'0"



REAR ELEVATION
SCALE: 1/4" = 1'0"

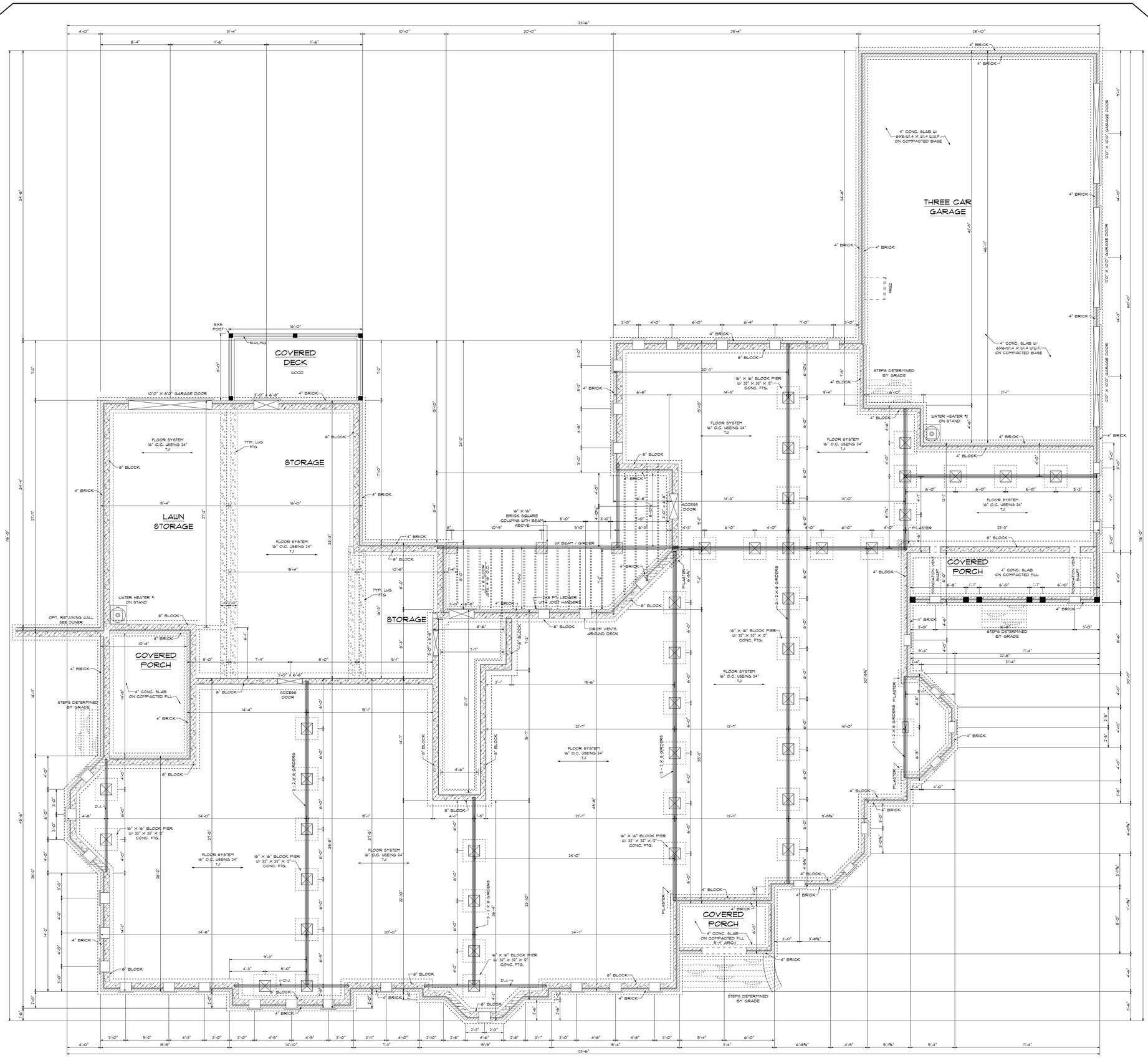
10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CGP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE
100, 110, 120, 130, 140, 150 MPH

6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD



FOUNDATION VENTILATION - 6167 S.F. / 150 = 41.67 S.F. REQUIRED

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

WATERPROOFING
WATERPROOFING SHALL BE APPLIED FROM THE BOTTOM OF THE WALL TO NOT LESS THAN 12" ABOVE THE MAXIMUM ELEVATION OF THE GROUND-WATER TABLE.

1160 S/F IN FOUNDATION
DOESN'T INCLUDE STAIRS
121 S/F HEATED ON STAIR WAY ONLY

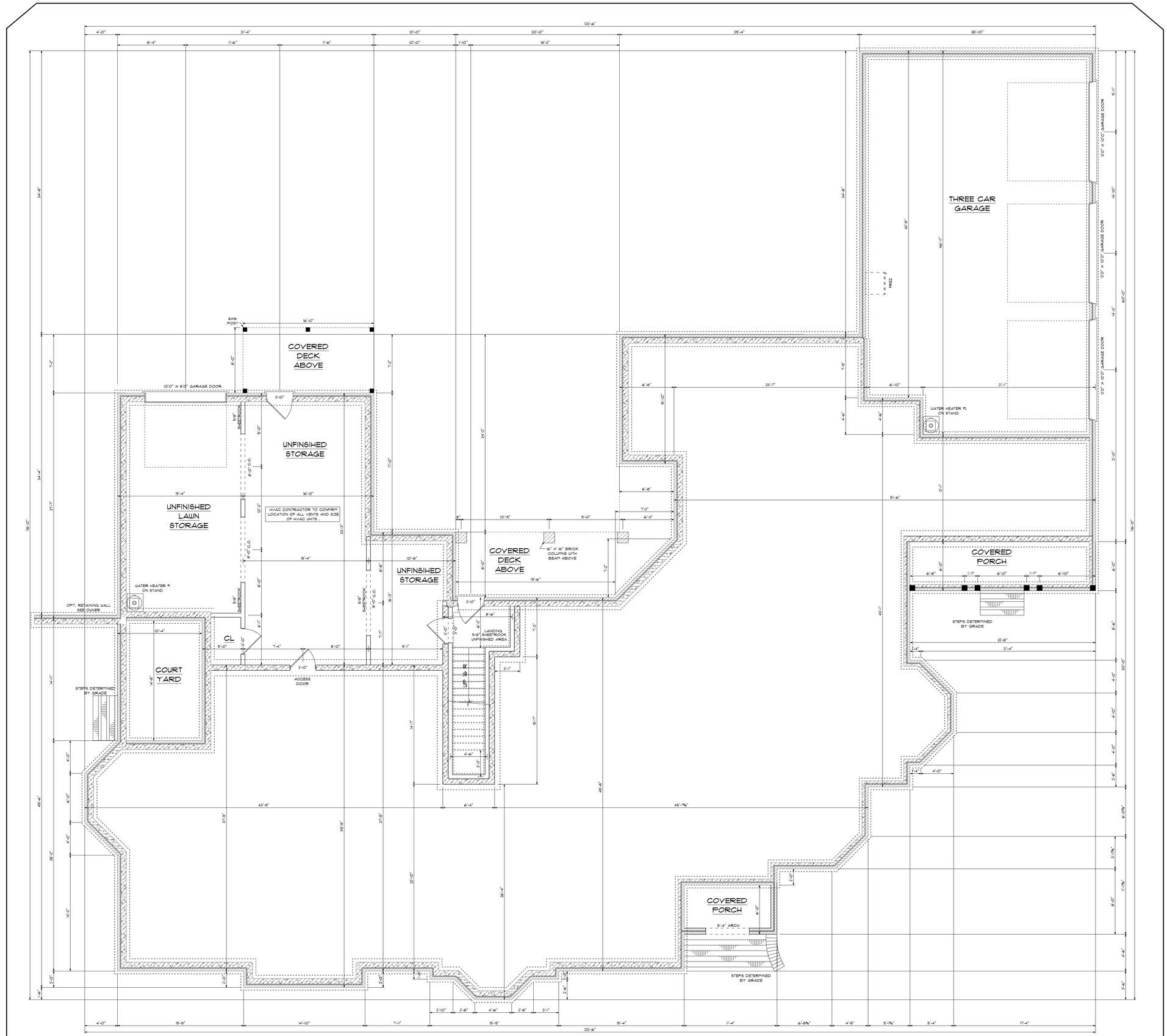
10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CGP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE
100, 110, 120, 130, 140, 150 MPH

6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD



UNFINISHED BASEMENT

SCALE: 1/4" = 1'0"

WATERPROOFING
WATERPROOFING SHALL BE APPLIED FROM THE BOTTOM OF THE WALL TO NOT LESS THAN 12" ABOVE THE MAXIMUM ELEVATION OF THE GROUND-WATER TABLE.

1160 S/F IN FOUNDATION
DOESN'T INCLUDE STAIRS
127 S/F HEATED ON STAIR WAY

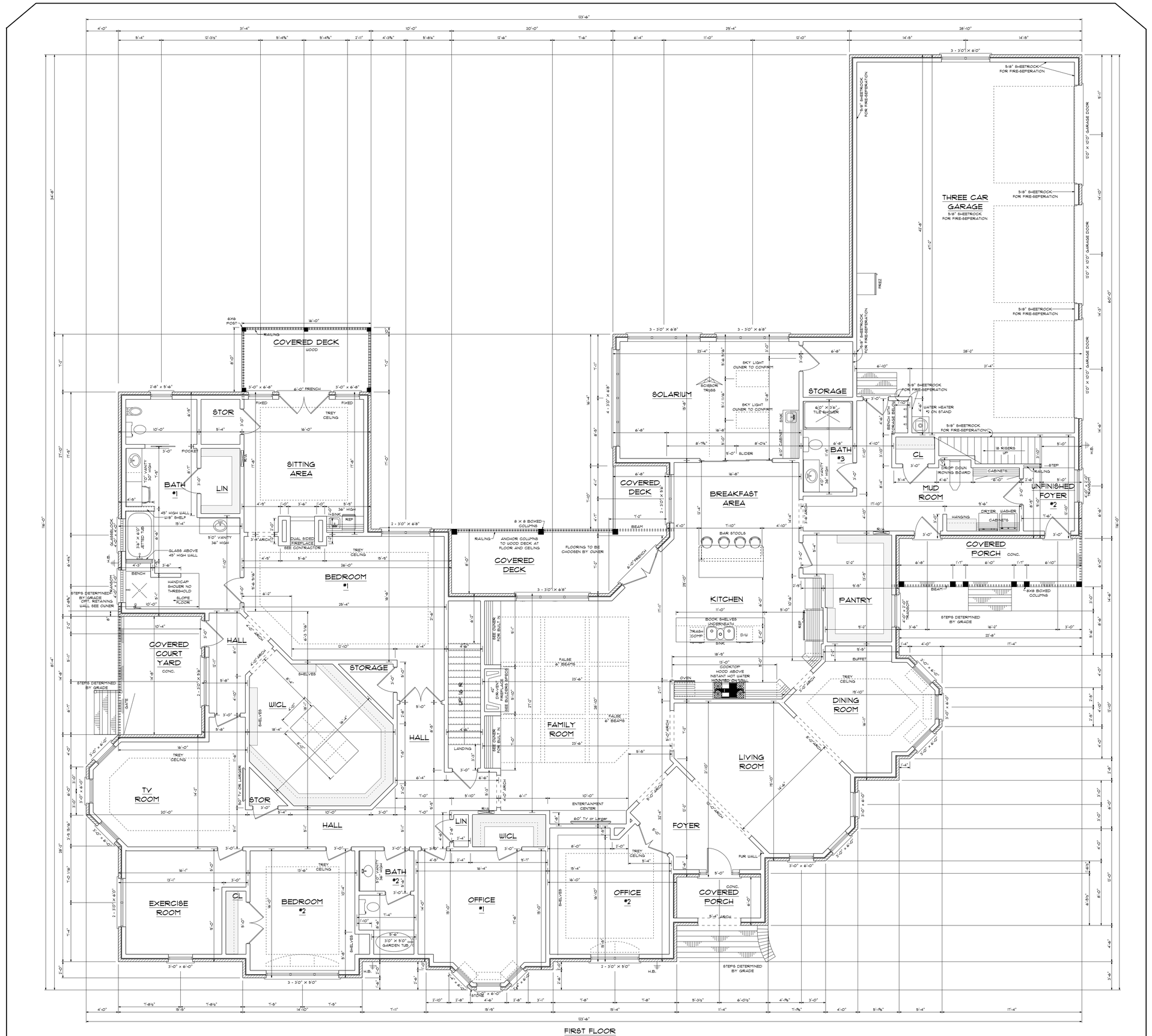
6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD

10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CSP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE
100, 110, 120, 130, 140, 150 MPH



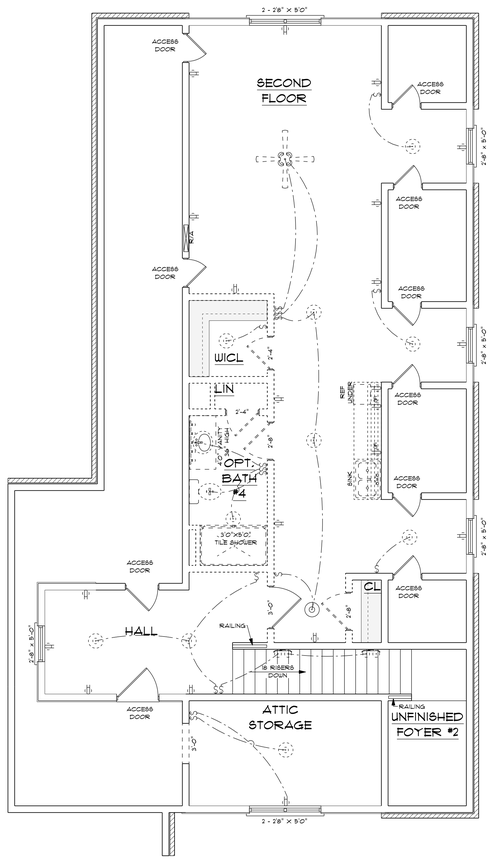
10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CGP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE
100, 110, 120, 130, 140, 150 MPH

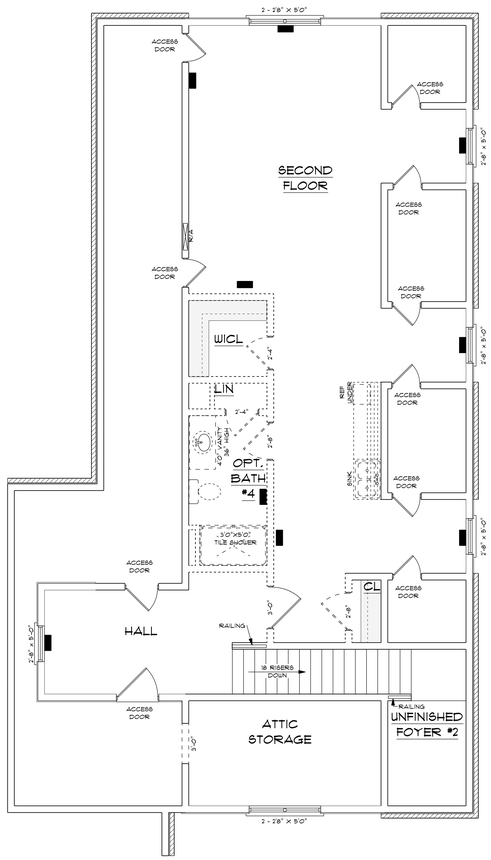
6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD



ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 01	1	
ceiling dish round	11	
fan	1	
outlet	18	
outlet gfi	2	
switch	16	
vanity bar light 01	1	
wall mounted 02 2 lights	2	

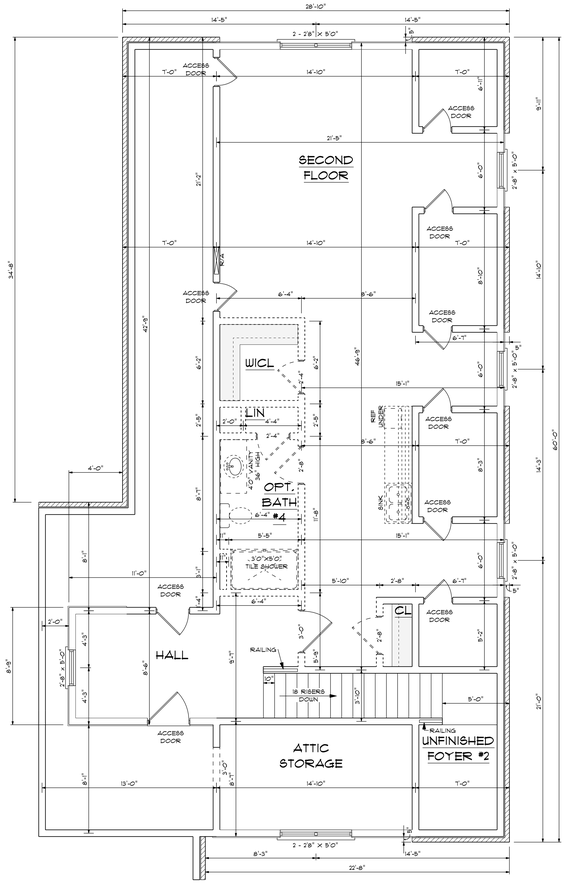
ELECTRICAL PLAN
UNFINISHED SECOND FLOOR
SCALE: 1/4" = 1'0"

ELECTRICAL CONTRACTOR TO CONFIRM LOCATION OF ALL OUTLETS AND CONFIRM WITH OWNER ALL LIGHTING FIXTURES.



HVAC PLAN
UNFINISHED SECOND FLOOR
SCALE: 1/4" = 1'0"

HVAC CONTRACTOR TO CONFIRM LOCATION OF ALL VENTS AND SIZE OF HVAC UNITS .



UNFINISHED
SECOND FLOOR
SCALE: 1/4" = 1'0"

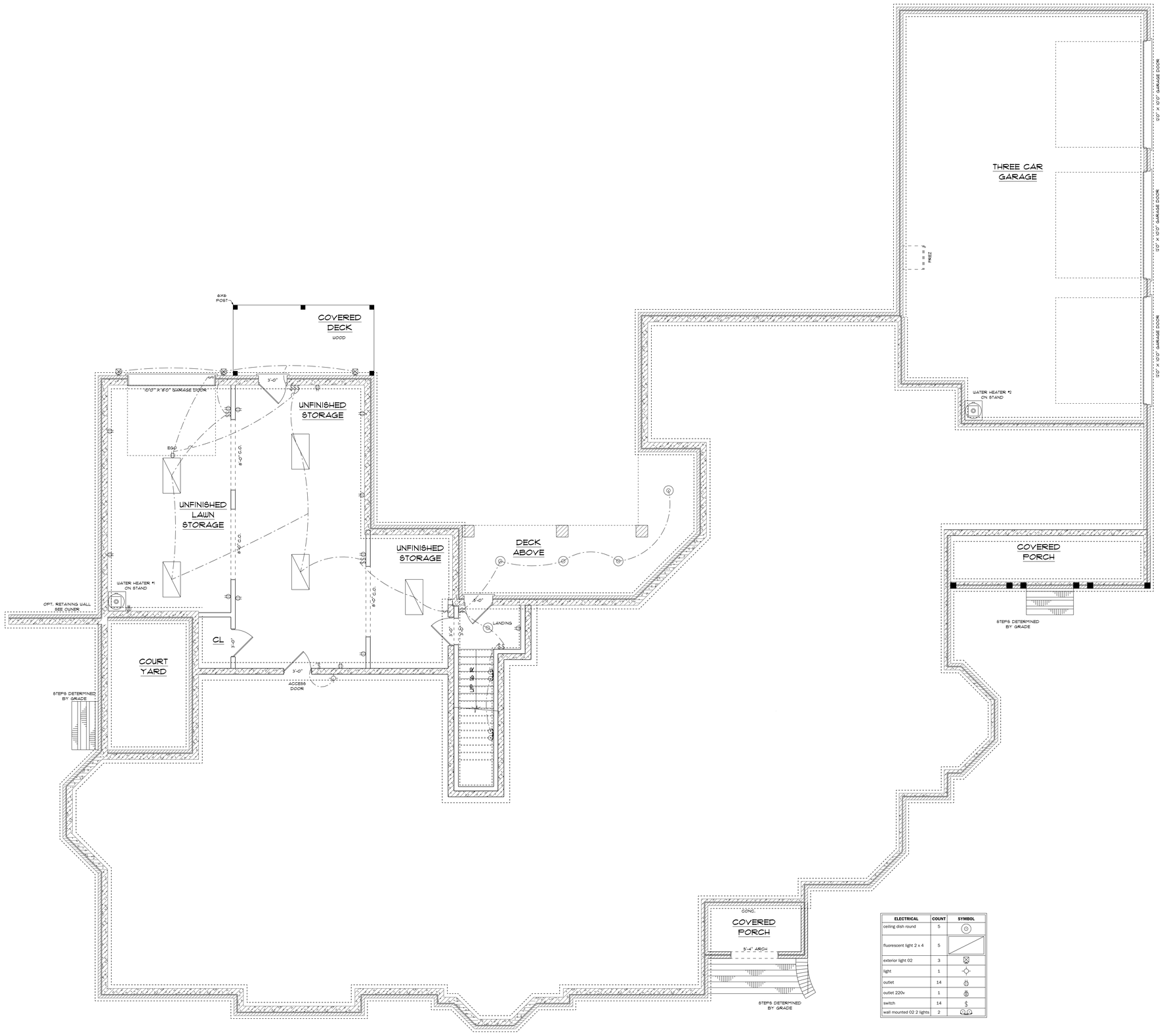
10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CGP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE
100, 110, 120, 130, 140, 150 MPH

6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD



ELECTRICAL	COUNT	SYMBOL
ceiling dish round	5	
fluorescent light 2 x 4	5	
exterior light 02	3	
light	1	
outlet	14	
outlet 220v	1	
switch	14	
wall mounted 02 2 lights	2	

ELECTRICAL PLAN
UNFINISHED BASEMENT

SCALE: 1/4" = 1'0"

ELECTRICAL CONTRACTOR TO CONFIRM LOCATION OF ALL OUTLETS AND CONFIRM WITH OWNER ALL LIGHTING FIXTURES.

WATERPROOFING
WATERPROOFING SHALL BE APPLIED FROM THE BOTTOM OF THE WALL TO NOT LESS THAN 12" ABOVE THE MAXIMUM ELEVATION OF THE GROUND-WATER TABLE.

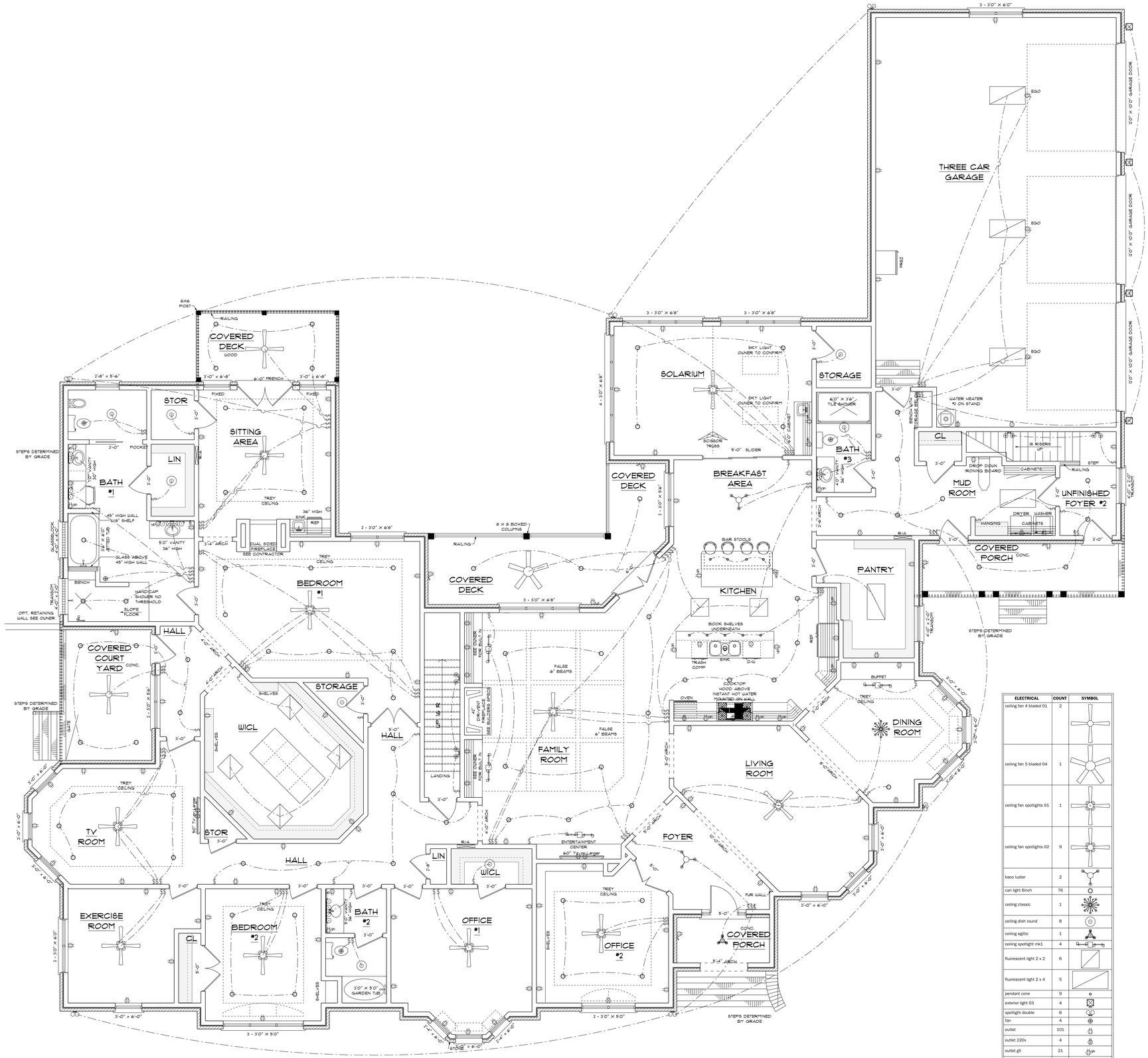
10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CSP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE
100, 110, 120, 130, 140, 150 MPH

6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD



ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed 01	2	
ceiling fan 5 bladed 04	1	
ceiling fan spotlights 01	1	
ceiling fan spotlights 02	9	
baco luster	2	
can light 6inch	76	
ceiling classic	1	
ceiling dish round	8	
ceiling egitto	1	
ceiling spotlight mk1	4	
fluorescent light 2 x 2	6	
fluorescent light 2 x 4	5	
pendant cone	9	
exterior light 03	4	
spotlight double	6	
fan	4	
outlet	101	
outlet 220v	4	
outlet gfi	21	
outlet wp	7	
switch	115	
wall mounted 02 2 lights	3	
wall mounted 02 4 lights	2	
wall mounted 05 2 lights	4	

ELECTRICAL PLAN
FIRST FLOOR

SCALE: 1/4" = 1'0"

ELECTRICAL CONTRACTOR TO CONFIRM LOCATION OF ALL OUTLETS AND CONFIRM WITH OWNER ALL LIGHTING FIXTURES.

ADDITIONAL SERVICE FIXTURES, TYPE AND LOCATION TO BE DETERMINED BY OWNER/ELEC. CONTRACTOR
GFI RECEPTICLES PER LOCAL CODE
SMOKE/CARBON MONOXIDE DETECTORS TO BE LOCATED PER CODE

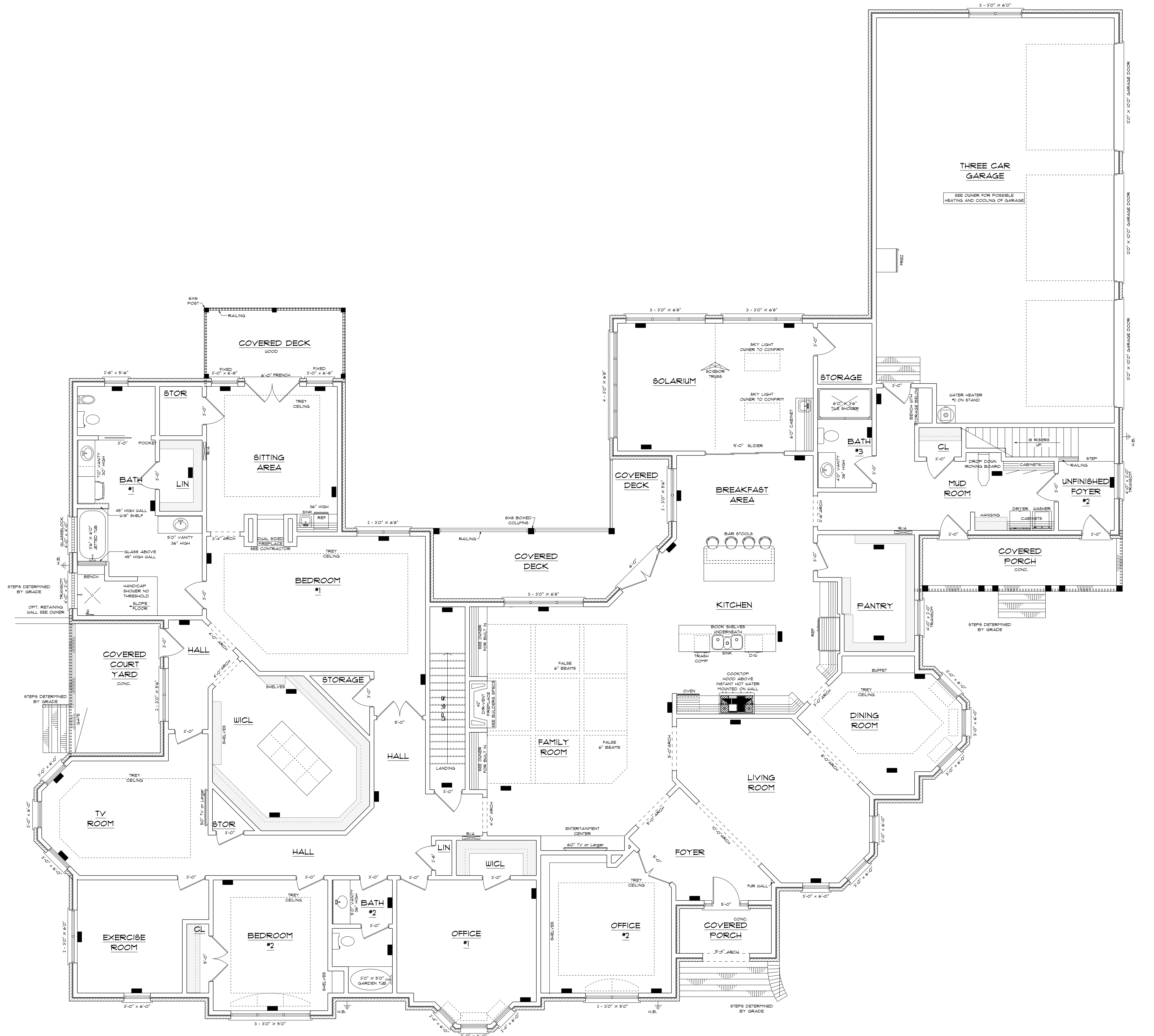
10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CGP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE
100, 110, 120, 130, 140, 150 MPH

6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD



HVAC PLAN
FIRST FLOOR

SCALE: 1/4" = 1'0"
HVAC CONTRACTOR TO CONFIRM LOCATION OF ALL VENTS AND SIZE OF HVAC UNITS .

HEAT LOSS/GAIN
HEAT LOOS 9,920 BTU
HEAT GAIN 7,040 BTU
EQUIPMENT TWR012 SPLIT HEAT PUMP W / TWE018C AIR HANDLER RATED @ 25,570 BTU HEATING AND 15,800 BTU COOLING PLUS 5KW AUX. HEAT

10'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
8'0" WINDOW HEADER HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT WHERE TRANSOMS APPLY
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
ALL WALLS TO BE 2X6
ALL DOORS TO BE 8'0" IN HEIGHT
ALL C.O. OPENINGS TO BE 8'0" IN HEIGHT
PROVIDE LINTEL ABOVE ALL OPENINGS WHERE BRICK APPLY

DESIGNED BY:
CHARLES SMITH ASSOCIATES
(910) 484 - 5924
DRAWN BY: CGP
9-25-18

RESIDENCE OF
FRED & BONNIE PALMQUIST
P - 8411

BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER CODE AS IT PERTAINS TO CONSTRUCTION OF HOUSE
100, 110, 120, 130, 140, 150 MPH

6167 S/F ON FIRST FLOOR
1084 S/F ON SECOND FLOOR
1160 S/F IN BASEMENT
8411 S/F TOTAL HEATED AREA
1354 S/F IN THREE CAR GARAGE
134 S/F ON SIDE COVERED PORCH
68 S/F ON FRONT PORCH
188 S/F ON REAR PORCH
148 S/F IN COURT YARD

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY.
PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS, SUCH AS PLUMBING OR DUCT DROPS.

PROPOSED DESIGN- NOT FOR CONSTRUCTION

Notes:
1. Exterior dimensions shown are assumed to be:
- ☐ Out-to-out of stud
- ☐ Out-to-out of sheathing
- ☒ Out-to-out of Cladding

2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	20.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	10.0 lb/ft²

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

Floor Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	40.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	5.0 lb/ft²

Floor Live Load deflection limit L/480
Roof Live Load deflection limit L/240

This layout has been designed using the IRC2015 building code.

Model created using a wind speed of 130 mph specified for Cumberland County.

△ - This symbol denotes left end of truss as shown on truss drawings
● - Approxiate location of toilet drop. Builder please confirm.

Truss connections by others:
- (N) -Nailed
- (L) -Ledger

Floor Trusses

Overhang: NA
Depth: 24"
Spacing: 16" OC

Wall Types

(light bar)	Load Bearing
(hatched bar)	Non Load Bearing

Truss Connector Total List

Manuf	Product	Qty
Simpson	IUS3.56/9.5	4

Products

PlotID	Length	Product	Plies	Net Qty
FB1-1 (Flush)	8-00-00	1-3/4X24 LP-LVL 2900Fb-2.0E	2	2

Job # Q-2302036

Palmquist Residence
7608 Overhills Rd
Spring Lake NC 28390

UNit / Lot:

Layout Creation Date: 10/16/2023

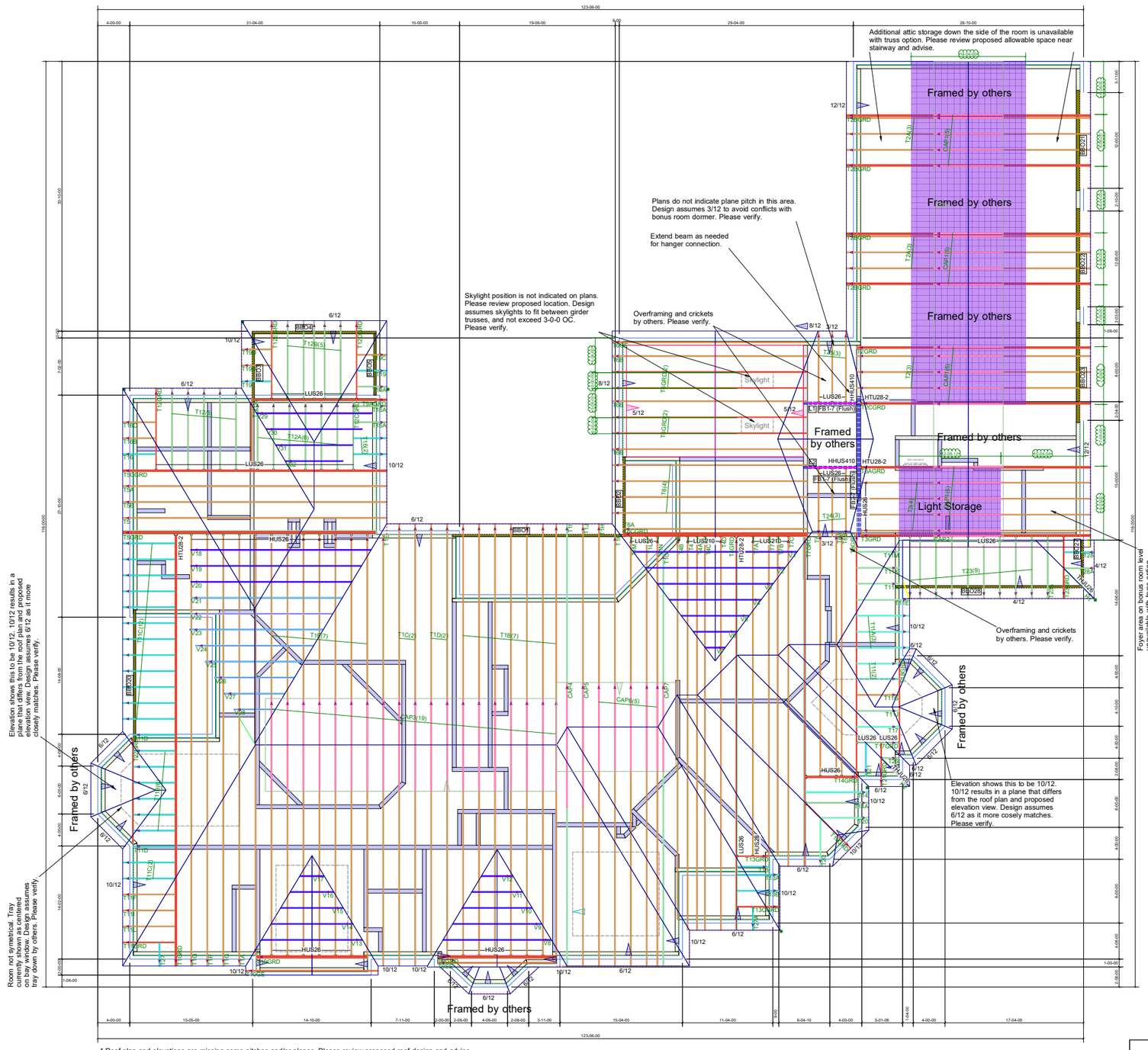
Sales: Justin Bryant - Designs: Aron Meeks

JE Womble and Sons
805 W Front St
Lillington,NC
27546

Peak Truss Builders, LLC
PO Box 340, New Hill, NC 27562

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY. PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS, SUCH AS PLUMBING OR DUCT DROPS.

PROPOSED DESIGN- NOT FOR CONSTRUCTION



* Roof plan and elevations are missing some pitches and/or planes. Please review proposed roof design and advise.
* Designs assumes all trays to be 'tray down by others'. Please verify.
* Design assumes all bay window roof areas to be framed by others. Please verify.

Notes:
1. Exterior dimensions shown are assumed to be:
   - ☐ Out-to-out of stud
   - ☐ Out-to-out of sheathing
   - ☒ Out-to-out of Cladding
2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	20.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	10.0 lb/ft²

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

Floor Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	40.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	5.0 lb/ft²

Floor Live Load deflection limit L/480
Roof Live Load deflection limit L/240

This layout has been designed using the IRC2015 building code.

Model created using a wind speed of 130 mph specified for Cumberland County.

△ - This symbol denotes left end of truss as shown on truss drawings
● - Approxiate location of toilet drop. Builder please confirm.

Truss connections by others:
Ⓝ -Nailed
Ⓛ -Ledger

Connector Summary		
Qty	Manuf	Product
2	Simpson	HHUS410

Truss Connector Total List		
Manuf	Product	Qty
Simpson	HTU28-2	5
Simpson	HUS26	37
Simpson	HUS28	1
Simpson	LUS210	8
Simpson	LUS26	44
Simpson	THJU26	3

Products				
PlotID	Length	Product	Plies	Net Qty
FB1-7 (Flush)	8-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	4
FB2-7 (Flush)	18-00-00	1-3/4X18 LP-LVL 2900Fb-2.0E	3	3

Roof Trusses

Overhang: 16"
Depth: NA
Spacing: 24" OC

Wall Types

▭	Load Bearing
▭	Non Load Bearing

Job # Q-2302036

Palmquist Residence
7608 Overhills Rd
Spring Lake NC 28390

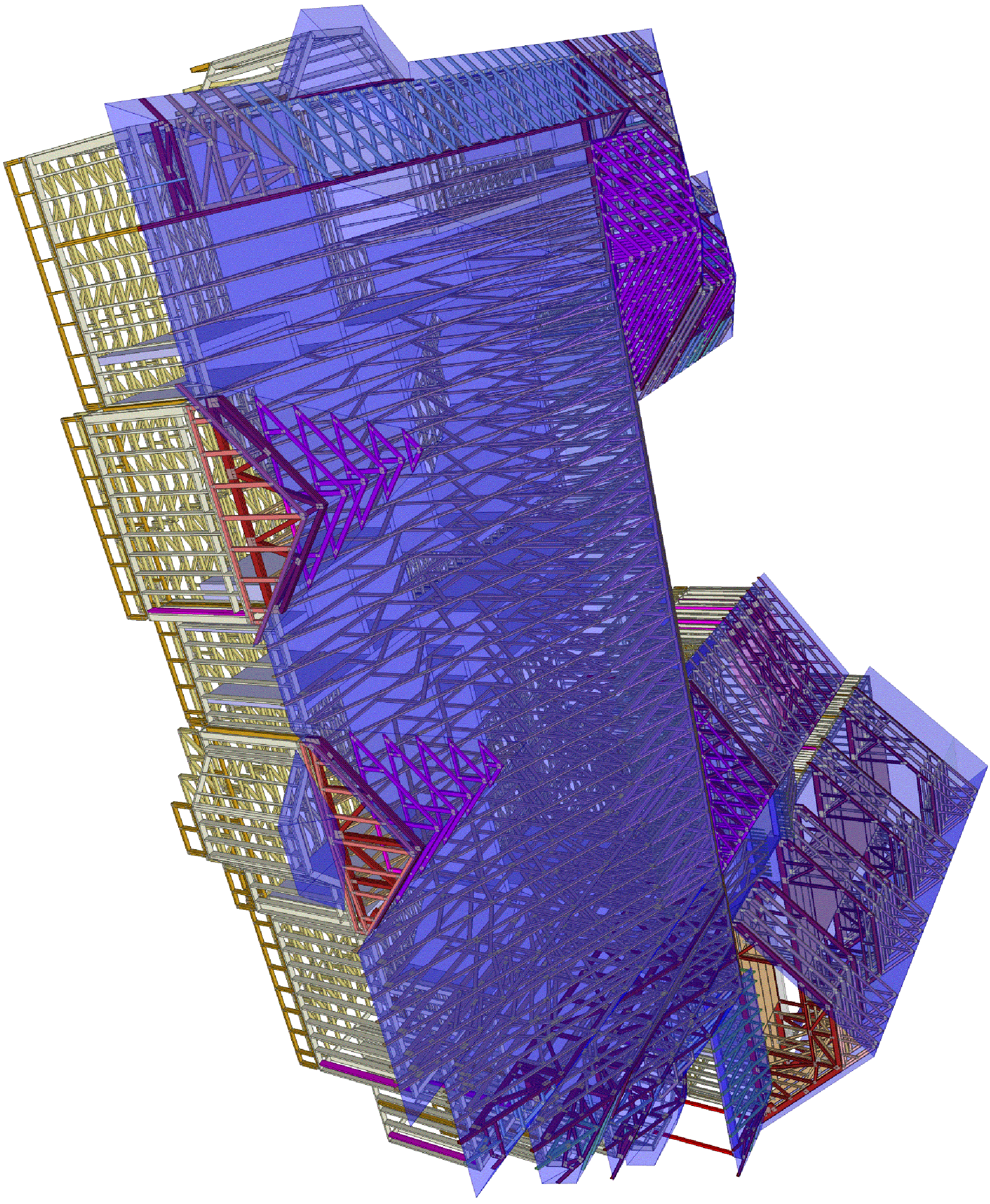
UNit / Lot:

Layout Creation Date:
10/16/2023

Sales: Justin Bryant - Designs: Aron Meeks

JE Womble and Sons
805 W Front St
Lillington,NC
27546

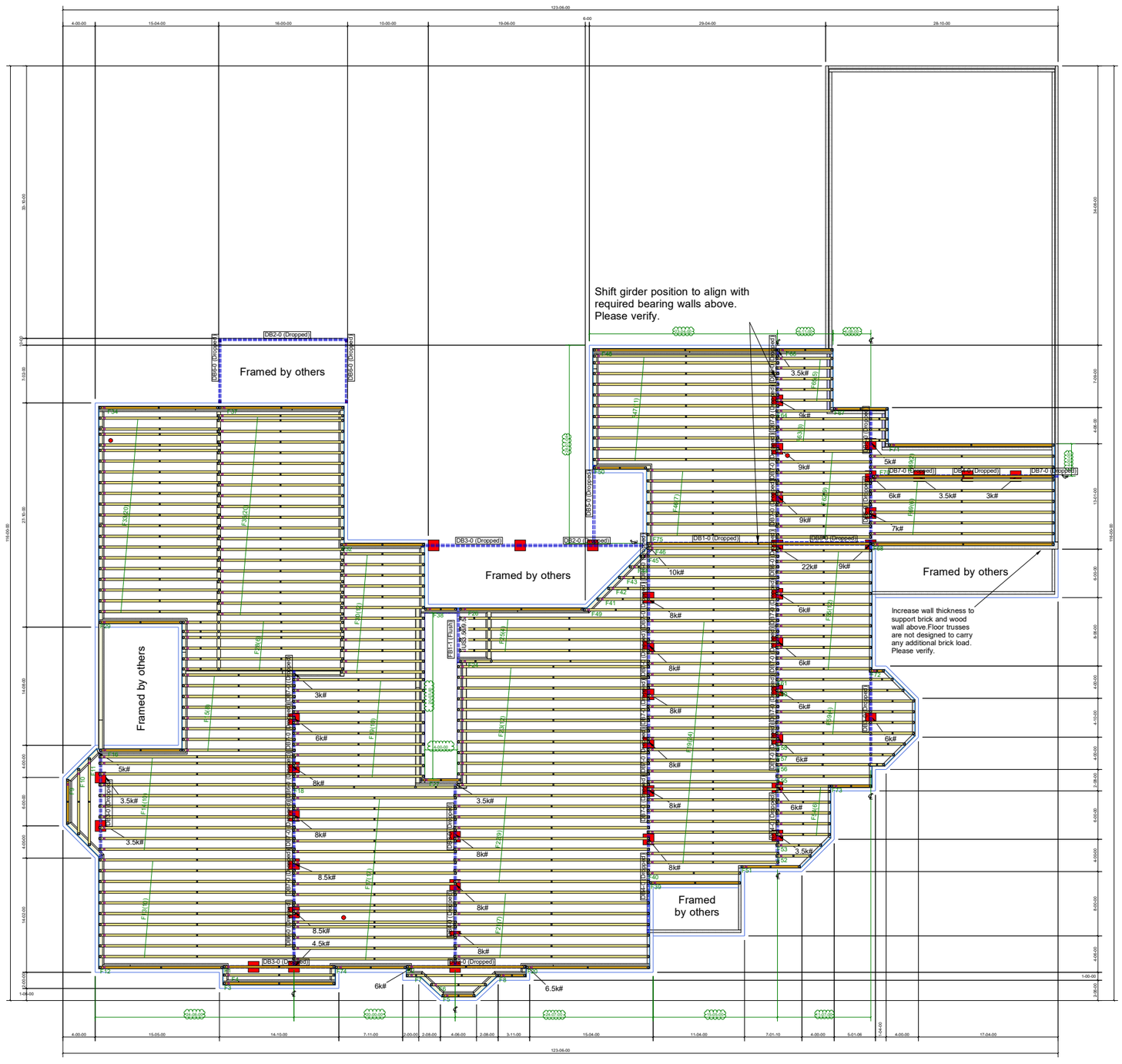
Peak Truss Builders, LLC
PO Box 340, New Hill, NC 27562



Peak Truss Builders, LLC PO Box 340, New Hill, NC 27562	JE Womble and Sons 805 W Front St Lillington,NC 27546	Layout Creation Date: 10/16/2023 Sales:Justin Bryant - Designer: Aron Meeks	Palmquist Residence 7608 Overhills Rd Spring Lake NC 28390 Unit/Lot:	Job # Q-2302036

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY. PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS, SUCH AS PLUMBING OR DUCT DROPS.

PROPOSED DESIGN- NOT FOR CONSTRUCTION



Notes:
1. Exterior dimensions shown are assumed to be:
   - ☐ Out-to-out of stud
   - ☐ Out-to-out of sheathing
   - ☒ Out-to-out of Cladding
2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	20.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	10.0 lb/ft²

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

Floor Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	40.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	5.0 lb/ft²

Floor Live Load deflection limit L/480
Roof Live Load deflection limit L/240

This layout has been designed using the IRC2015 building code.

Model created using a wind speed of 130 mph specified for Cumberland County.

△ - This symbol denotes left end of truss as shown on truss drawings
● - Approxiate location of toilet drop. Builder please confirm.

Truss connections by others:
Ⓝ -Nailed
Ⓛ -Ledger

Truss Connector Total List		
Manuf	Product	Qty
Simpson	IUS3.56/9.5	4

Products				
PlotID	Length	Product	Plies	Net Qty
DB1-0 (Dropped)	18-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2
DB2-0 (Dropped)	16-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	6
DB3-0 (Dropped)	14-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	10
DB4-0 (Dropped)	12-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	8
DB5-0 (Dropped)	10-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	6
DB6-0 (Dropped)	8-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	14
DB7-0 (Dropped)	6-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	36
DB8-0 (Dropped)	12-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	3	3
FB1-1 (Flush)	8-00-00	1-3/4X24 LP-LVL 2900Fb-2.0E	2	2

Floor Trusses

Overhang: NA
Depth: 24"
Spacing: 16" OC

Wall Types

▭	Load Bearing
▭	Non Load Bearing

Job # Q-2302242

Palmquist Residence V2
7608 Overhills Rd
Spring Lake NC 28390

UNit / Lot:

Layout Creation Date: 11/14/2023

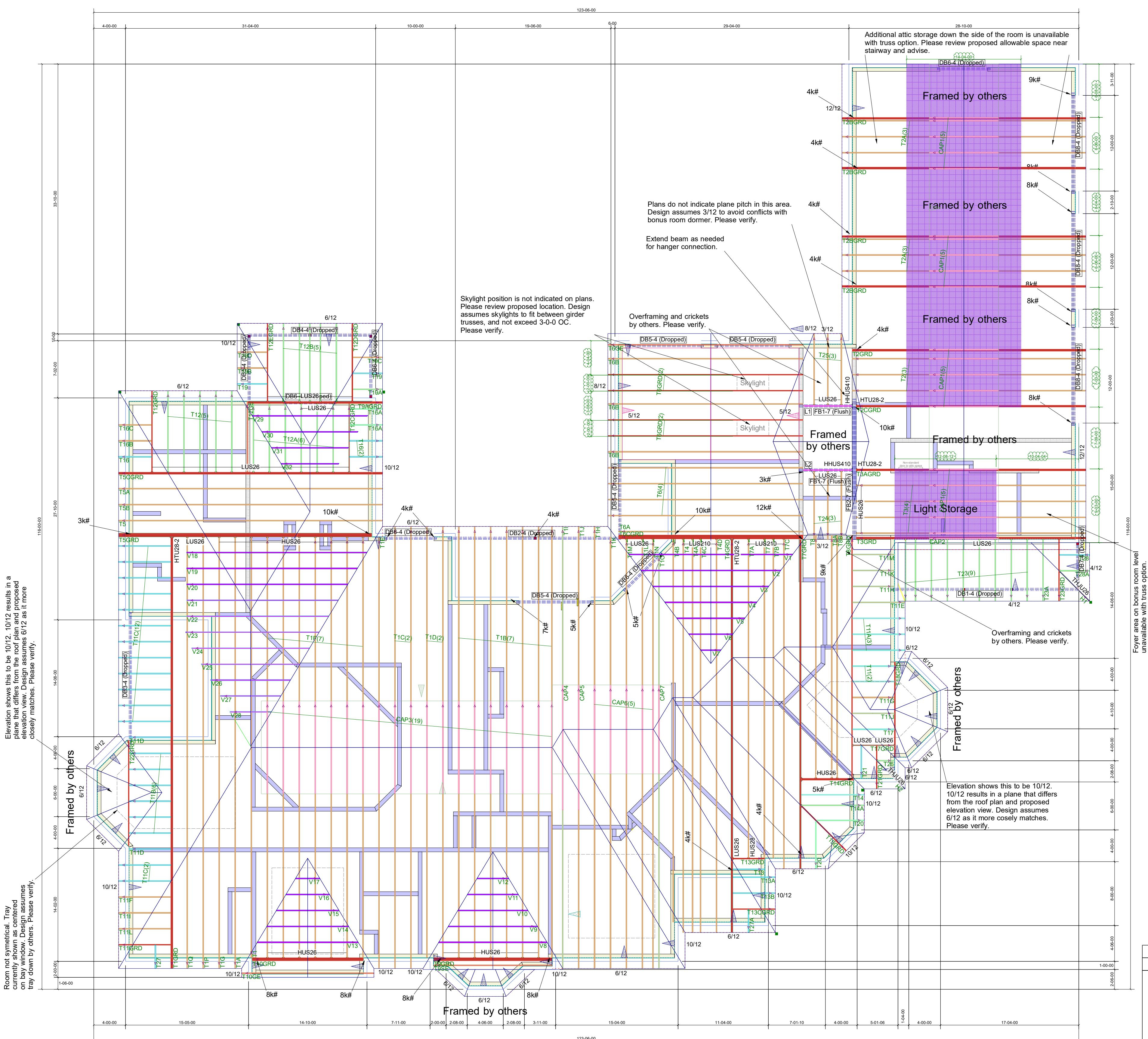
Sales: Justin Bryant - Designs: Aron Meeks

JE Womble and Sons
805 W Front St
Lillington,NC
27546

Peak Truss Builders, LLC
PO Box 340, New Hill, NC 27562

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY. PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS, SUCH AS PLUMBING OR DUCT DROPS.

PROPOSED DESIGN- NOT FOR CONSTRUCTION



* Roof plan and elevations are missing some pitches and/or planes. Please review proposed roof design and advise.
* Designs assumes all trays to be 'tray down by others'. Please verify.
* Design assumes all bay window roof areas to be framed by others. Please verify.

Notes:
1. Exterior dimensions shown are assumed to be:
   - ☐ Out-to-out of stud
   - ☐ Out-to-out of sheathing
   - ☒ Out-to-out of Cladding
2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	20.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	10.0 lb/ft²

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

Floor Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	40.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	5.0 lb/ft²

Floor Live Load deflection limit L/480
Roof Live Load deflection limit L/240

This layout has been designed using the IRC2015 building code.

Model created using a wind speed of 130 mph specified for Cumberland County.

△ - This symbol denotes left end of truss as shown on truss drawings
● - Approxiate location of toilet drop. Builder please confirm.

Truss connections by others:

(N) -Nailed
(L) -Ledger

Connector Summary

Qty	Manuf	Product
2	Simpson	HHUS410

Truss Connector Total List

Manuf	Product	Qty
Simpson	HTU28-2	5
Simpson	HUS26	32
Simpson	HUS28	1
Simpson	LUS210	8
Simpson	LUS26	49
Simpson	THJU26	3

Products

PlotID	Length	Product	Plies	Net Qty
DB1-4 (Dropped)	24-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2
DB2-4 (Dropped)	22-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2
DB3-4 (Dropped)	18-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2
DB4-4 (Dropped)	16-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2
DB5-4 (Dropped)	10-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	10
DB6-4 (Dropped)	8-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	10
FB1-7 (Flush)	8-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	4
DB7-4 (Dropped)	6-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2
DB8-4 (Dropped)	14-00-00	1-3/4X14 LP-LVL 2900Fb-2.0E	3	9
FB2-7 (Flush)	18-00-00	1-3/4X18 LP-LVL 2900Fb-2.0E	3	3

Roof Trusses

Overhang: 16"
Depth: NA
Spacing: 24" OC

Wall Types

Load Bearing	
Non Load Bearing	

Job # Q-2302242

Palmquist Residence V2
7608 Overhills Rd
Spring Lake NC 28390

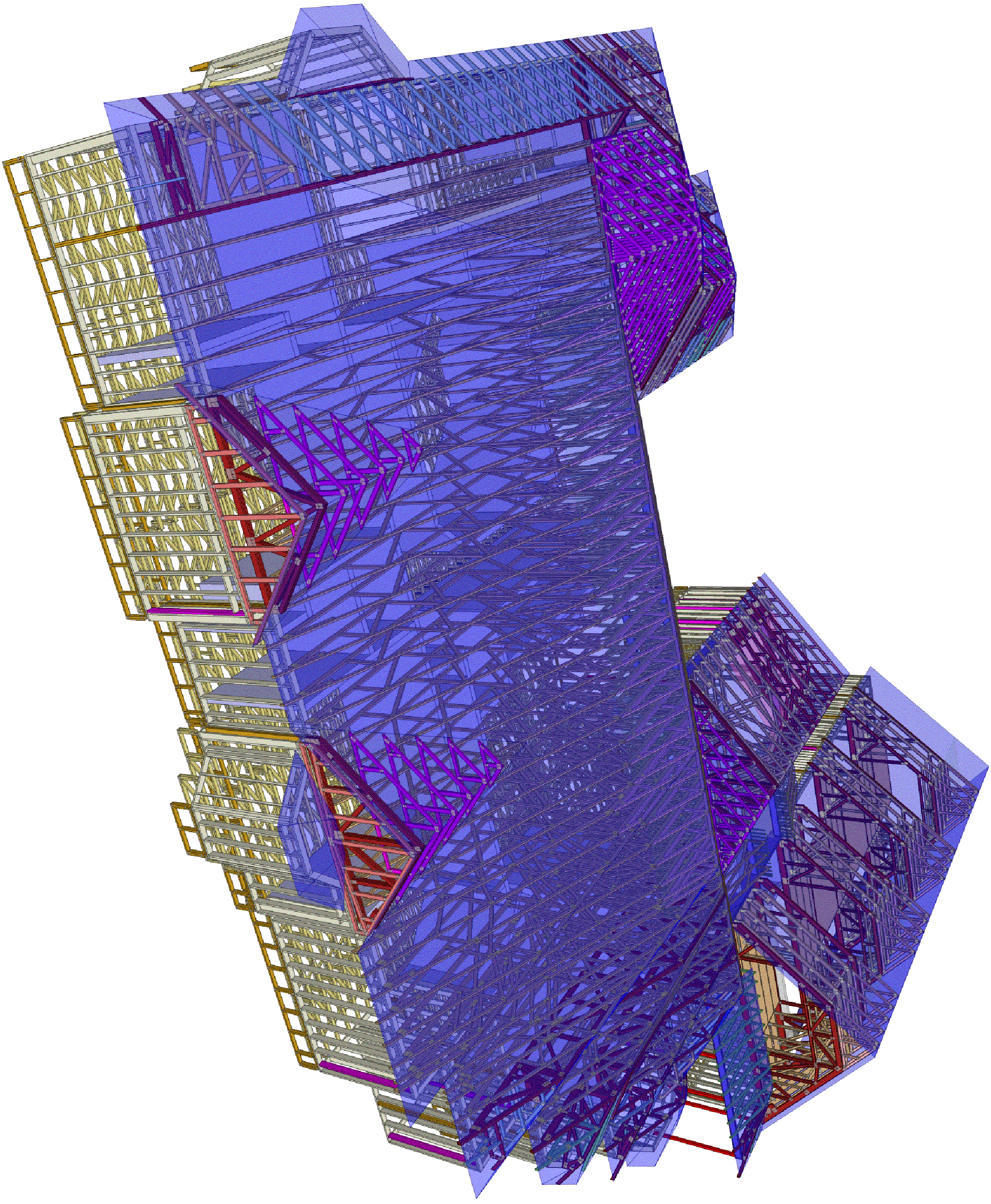
UNit / Lot:

Layout Creation Date: 11/14/2023

Sales: Justin Bryant - Designs: Aron Meeks

JE Womble and Sons
805 W Front St
Lillington,NC
27546

Peak Truss Builders, LLC
PO Box 340, New Hill, NC 27562



Peak Truss Builders, LLC PO Box 340, New Hill, NC 27562	JE Womble and Sons 805 W Front St Lillington,NC 27546	Layout Creation Date: 11/14/2023 Sales:Justin Bryant - Designer: Aron Meeks	Palmquist Residence V2 7608 Overhills Rd Spring Lake NC 28390 Unit/Lot:	Job # Q-2302242