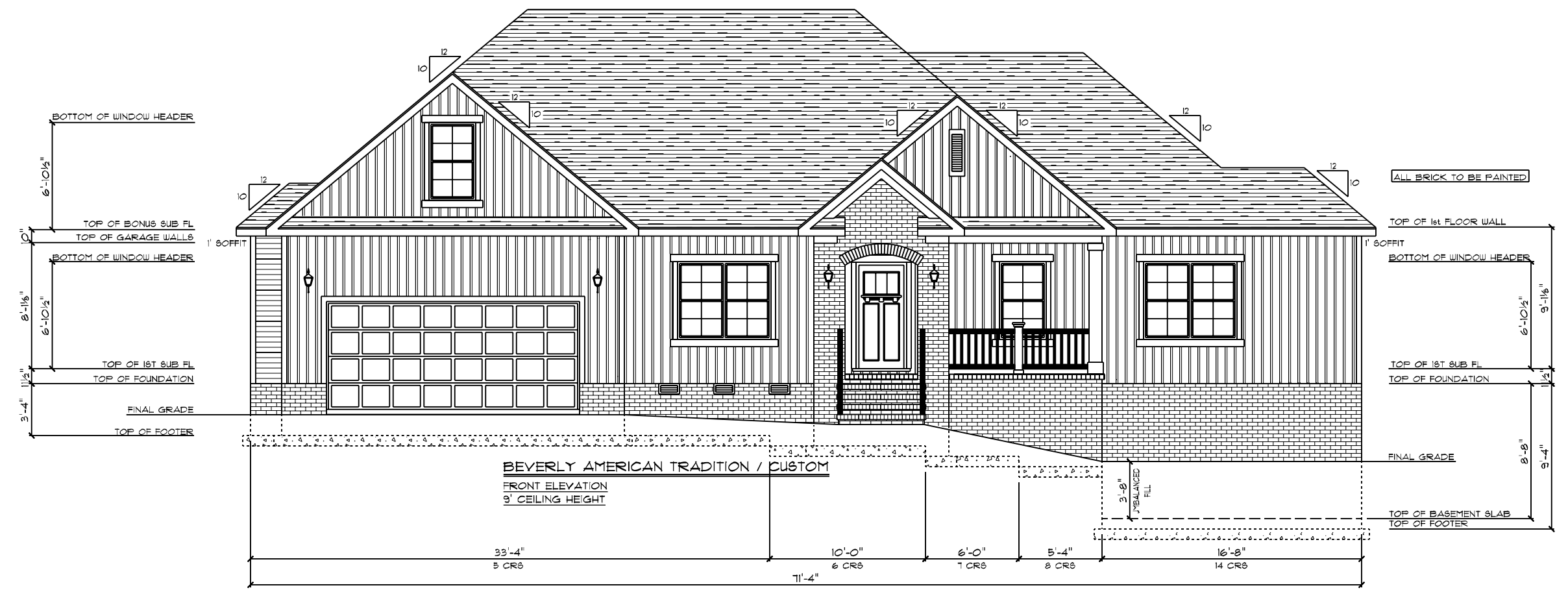


APPROVED: 08-11-2021
 REVISED: 09-17-2021

NOTE:
 CONTINUOUS RIDGE VENTS
 ALL ROOF RIDGES



NOTICE TO CONTRACTOR
 All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
 Limited building only review
 Permit holder responsible for full compliance with the code.

09/22/2021




DATE: 9/17/2021
 DRAIN BY: SG
 SCALE: 1/8" = 1'-0"

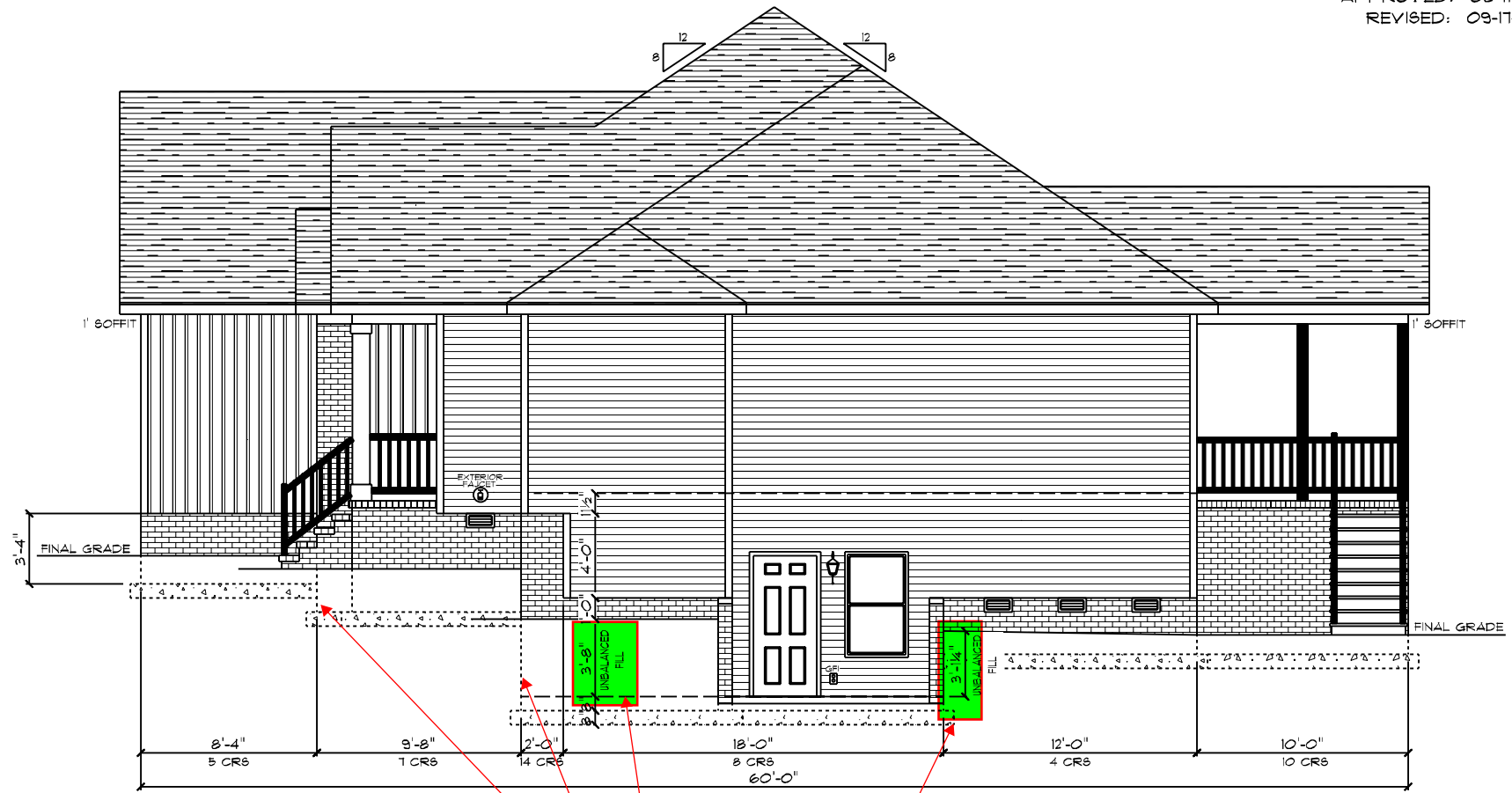
SQUARE FOOTAGES (4490)
 CRAN BRIDGE: 1686
 BASEMENT: 584
 1ST FL: 2215
 BONUS ROOM: 265
 GARAGE: 475, PORCHES: 266

CUSTOM BUILT FOR: JAMES JR. & ATAYONNA BARNES
 JOB #: DUTCOO 021 0840 CN #: 32391 VN #: BA262
 LOCATION: 1092 OLD STAGE RD.
 ERWIN, NC 28333
 COUNTY: HARNETT

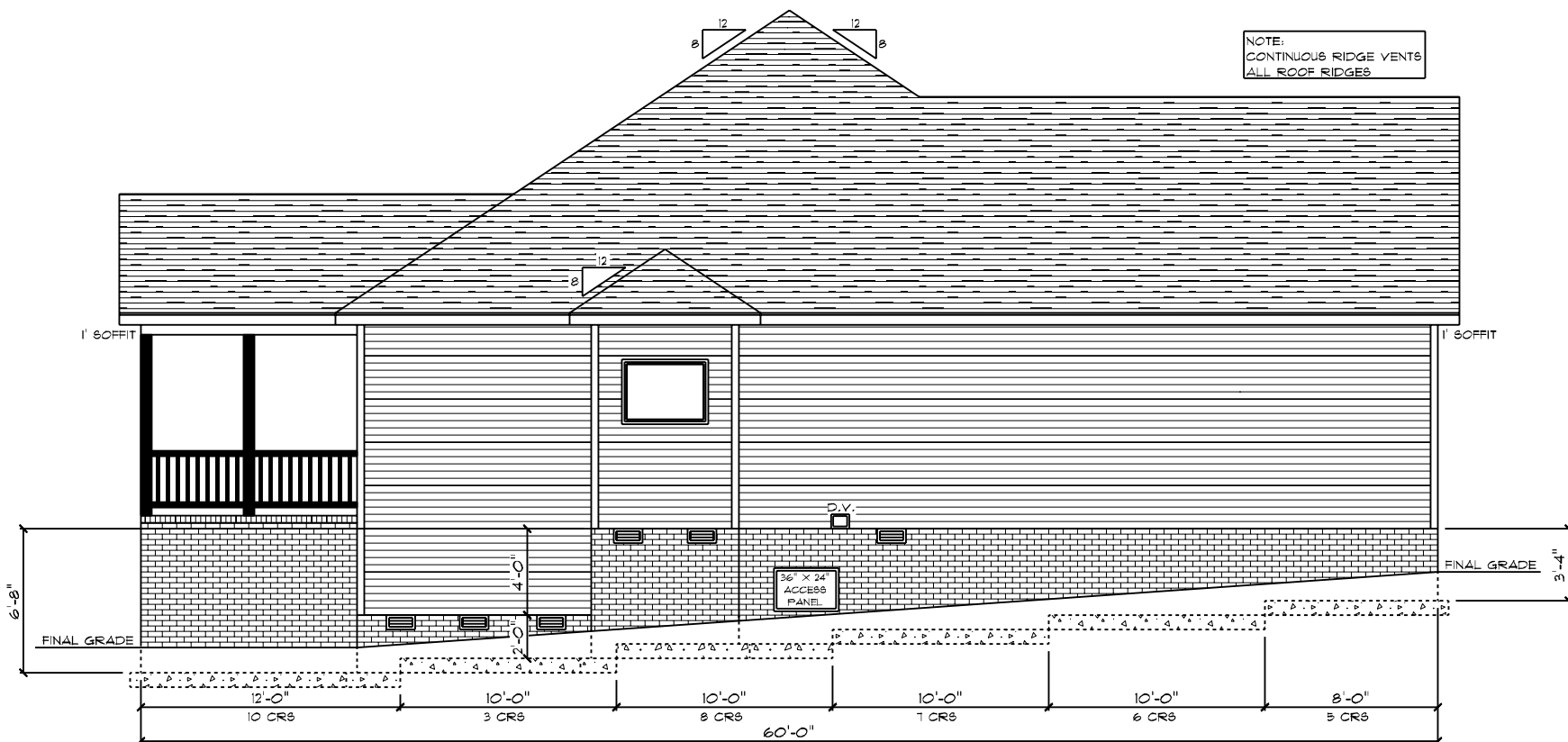
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Field verify unbalanced fill and continuous footings



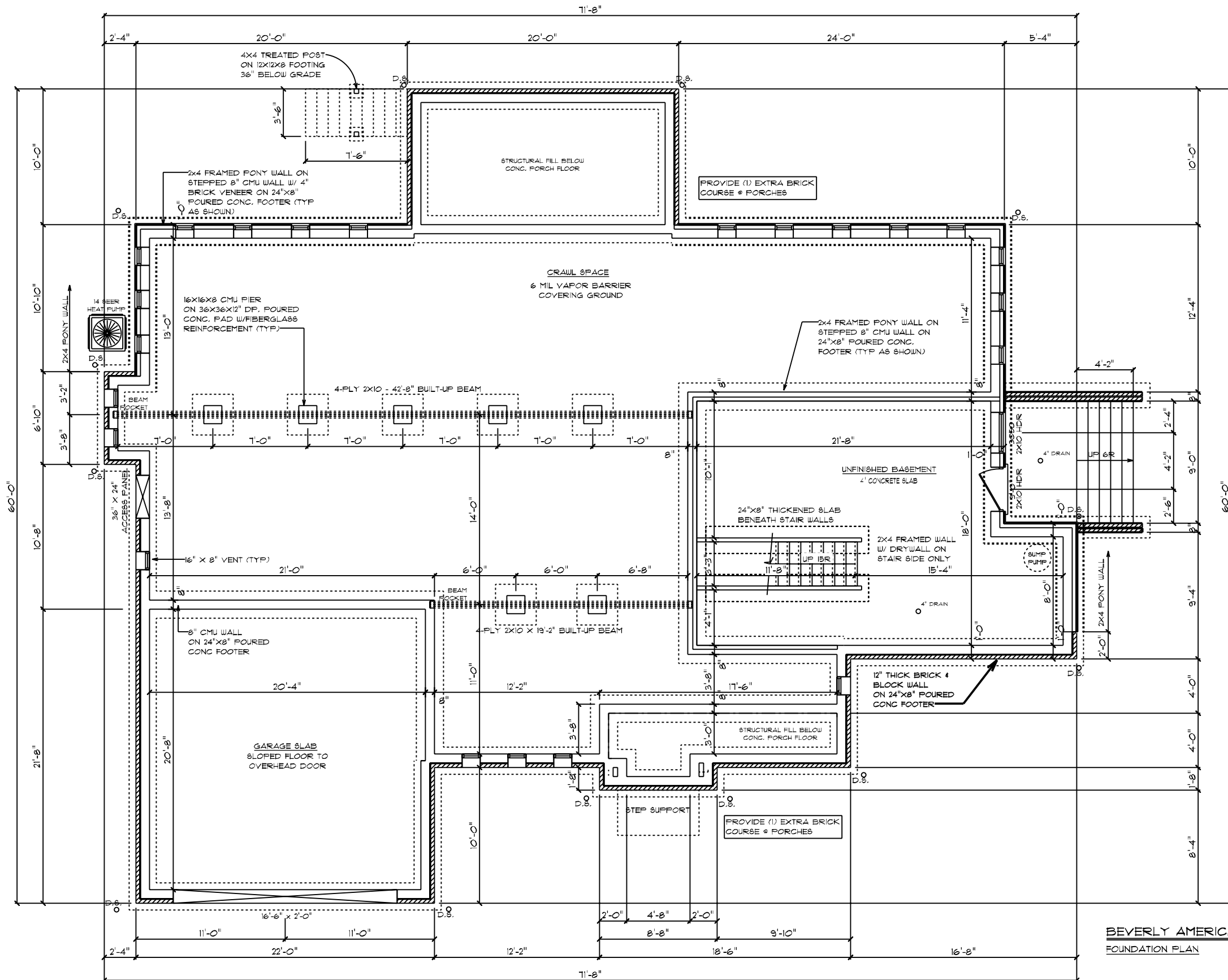
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 SCALE: 1/8" = 1'-0"
 DRAWING: 2
 DRAFTER: SG
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SQUARE FOOTAGES (4490)
 CRAN SPACE: 1636
 BASEMENT: 584
 97 FL: 2215
 BONUS ROOM: 265
 GARAGE: 475, PORCHES: 266

CUSTOM BUILT FOR:
 JAMES JR. & ATONNA BARNES
 JOB #: DUTCO 021 0840 CN #: 32391 VN #: BA262
 LOCATION:
 1092 OLD STAGE RD.
 ERWIN, NC 28333
 COUNTY: HARNETT

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FOUNDATION NOTES:

1. BRICK VENEER ALL EXPOSED FOUNDATION
 2. BOTTOM OF PIER PADS ELEVATION SHALL BE 2" BELOW BOTTOM OF CONT. FOOTER ELEVATION.
 3. DURAWALL 16" O.C. VERTICALLY (HORIZ. REINF.)
 4. CONCRETE & MASONRY FOUNDATION WALLS SHALL EXTEND ABOVE FINISHED GRADE ADJACENT TO THE FOUNDATION A MIN. OF 4" WHERE MASONRY VENEER IS USED AND 6" MIN. ELSEWHERE.
 5. ALL SILLS, PLATES, OR BAND JOISTS THAT REST ON OR IN CONTACT WITH CONCRETE OR MASONRY EXTERIOR WALLS SHALL REQUIRE THE USE OF PRESSURE PRESERVATIVE TREATMENT.
- PIERS:**
1. THE UNSUPPORTED HEIGHT OF MASONRY PIERS SHALL NOT EXCEED 10 TIMES THEIR LEAST DIMENSION. WHEN HOLLOW CONCRETE MASONRY UNITS ARE USED FOR ISOLATED PIERS TO SUPPORT BEAMS AND GIRDERS, THE CELLULAR SPACES SHALL BE FILLED SOLIDLY WITH CONCRETE.

CRAWL SPACE VENT CALCULATIONS:

TOTAL VENTED AREA: 1111
 8"X16" VENT = 128 SQ IN = 0.89 SQFT
 ASSUMED NET FREE AREA = 0.53 SQFT
 TOTAL SQFT VENTILATION NEEDED 1111 / 0.53 = 2100
 2100 / 0.53 = 22 TOTAL VENTS

BEVERLY AMERICAN TRADITION / CUSTOM
 FOUNDATION PLAN

CUSTOM BUILT FOR: JAMES JR. & ATONNA BARNES
 JOB #: DUTCO 021 0840 CN #: 32381 VN #: BA262
 LOCATION: 1092 OLD STAGE RD. ERWIN, NC 28333
 COUNTY: HARNETT

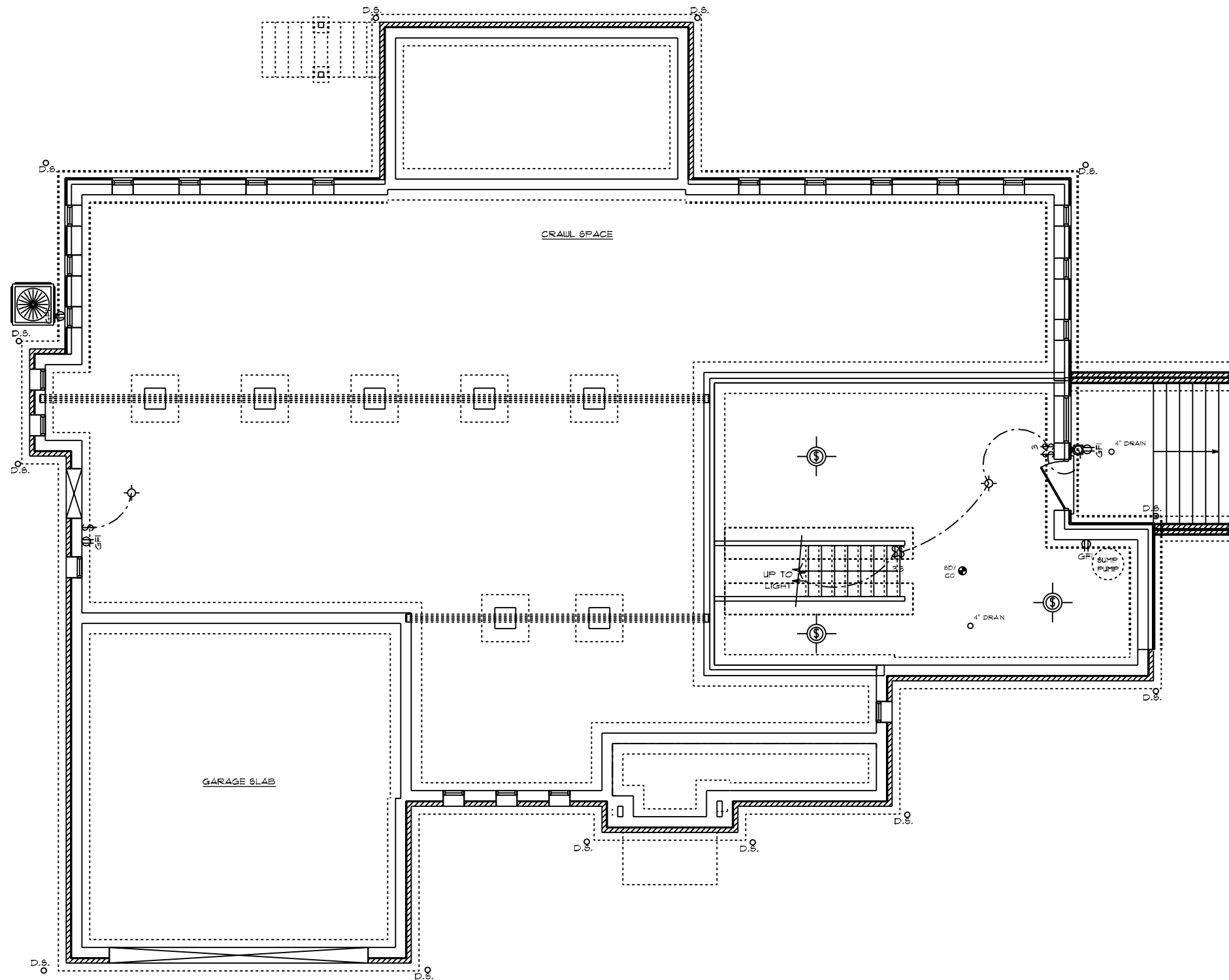
SQUARE FOOTAGES (4490)
 CRAWL SPACE: 1686
 BASEMENT: 584
 BONUS ROOM: 265
 GARAGE: 475 PORCHES: 266

DATE: 9/17/2021
 DRAIN BY: SG
 SCALE: 1/8" = 1'-0"
 DRWG: 3

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GENERAL ELECTRICAL NOTES:

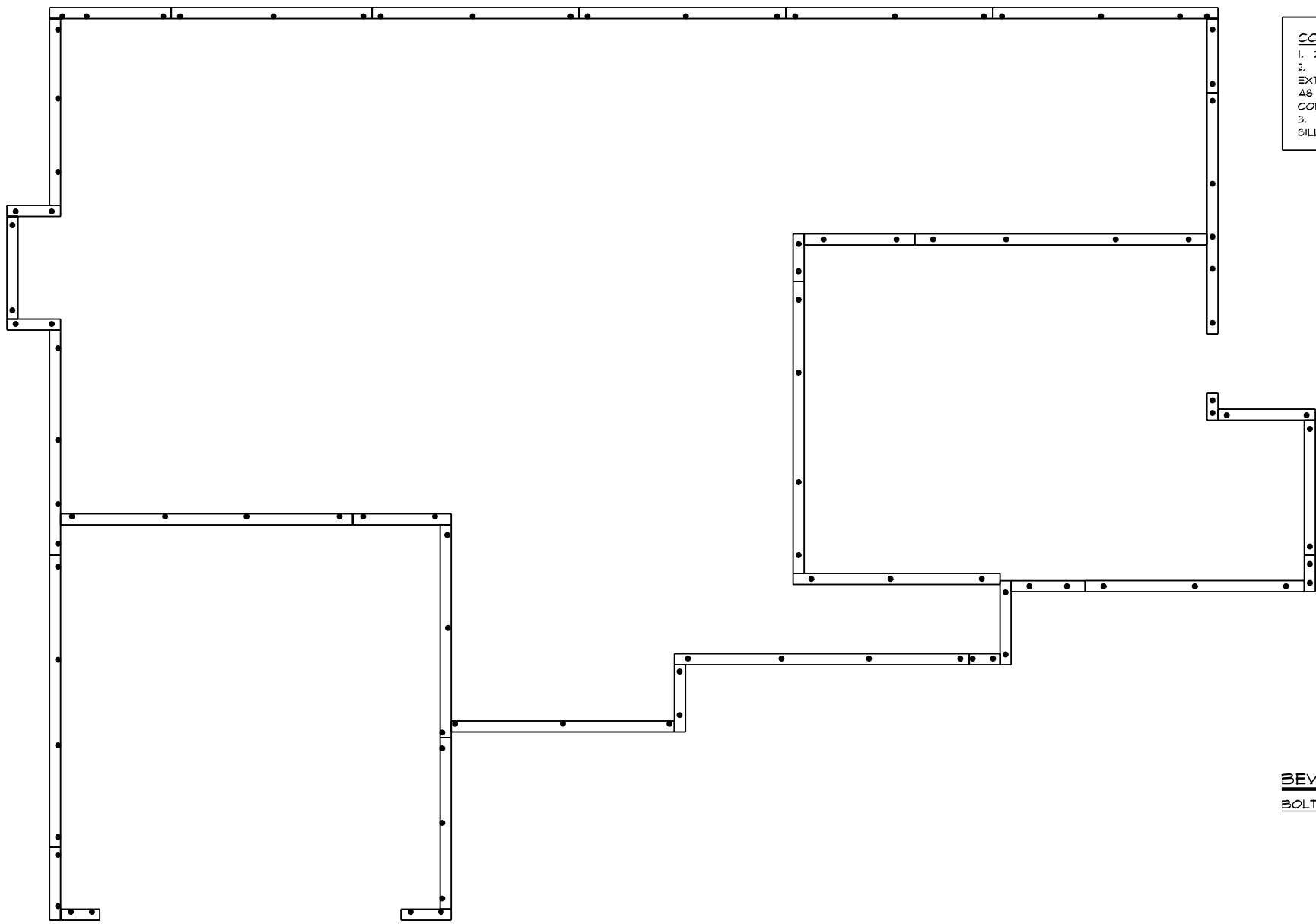
- (1) EXISTING SWITCH UPGRADED TO A 3-WAY SWITCH, (1) ADDITIONAL 3-WAY SWITCH AND (1) COACH LIGHT WIRED TO A STANDARD SWITCH ARE INCLUDED WHEN A GARAGE SERVICE DOOR IS PURCHASED
- (1) COACH LIGHT, (1) SWITCH, AND (1) GFI OUTLET ARE INCLUDED WHEN ANY ADDITIONAL DOOR IS PURCHASED, EXCLUDING THE GARAGE SERVICE DOOR
- ALL SMOKE DETECTORS TO BE INTERCONNECTED WITH BATTERY BACKUP
- E3902.11 ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION ALL BRANCH CIRCUITS THAT SUPPLY 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE OUTLETS INSTALLED IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN'S, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS AND SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
- GARAGE DOOR LOW VOLTAGE WIRING BY ELECTRICIAN
- TWO SEPARATE KITCHEN GENERAL ELECTRIC OUTLET CIRCUITS FED BY NUMBER 12 WIRE AND ON 20 AMP BREAKERS REQUIRED IN KITCHEN
- ALL OUTLETS INSTALLED IN BATHROOMS, GARAGES, & UNFINISHED BASEMENTS SHALL HAVE GFCI PROTECTIONS ALONG WITH OUTLETS LOCATED W/IN 6'-0" OF LAUNDRY, UTILITY & WET BAR SINKS & ALL OUTLETS SERVING KITCHEN COUNTERTOP SURFACES
- ALL OUTLETS TO BE PLACED PER CODE
- MOUNTING HEIGHTS
 - VANITY LIGHTS: 80" AFF
 - WALL SCONCES: 66" AFF
 - FENDANT LIGHTS: 66" AFF
 - CHANDELIER'S (TO BTM OF FIXTURE)
 - FOYER 9' CEILING: 84"
 - FOYER OVER 9' CLG: 90"
 - DINING ROOM: 60"

ADDITIONAL ELECTRICAL NOTES:

- WIRE DEDICATED CIRCUIT FOR SEPTIC


BEVERLY AMERICAN TRADITION / CUSTOM
 FOUNDATION PLAN
 ELECTRICAL PLAN

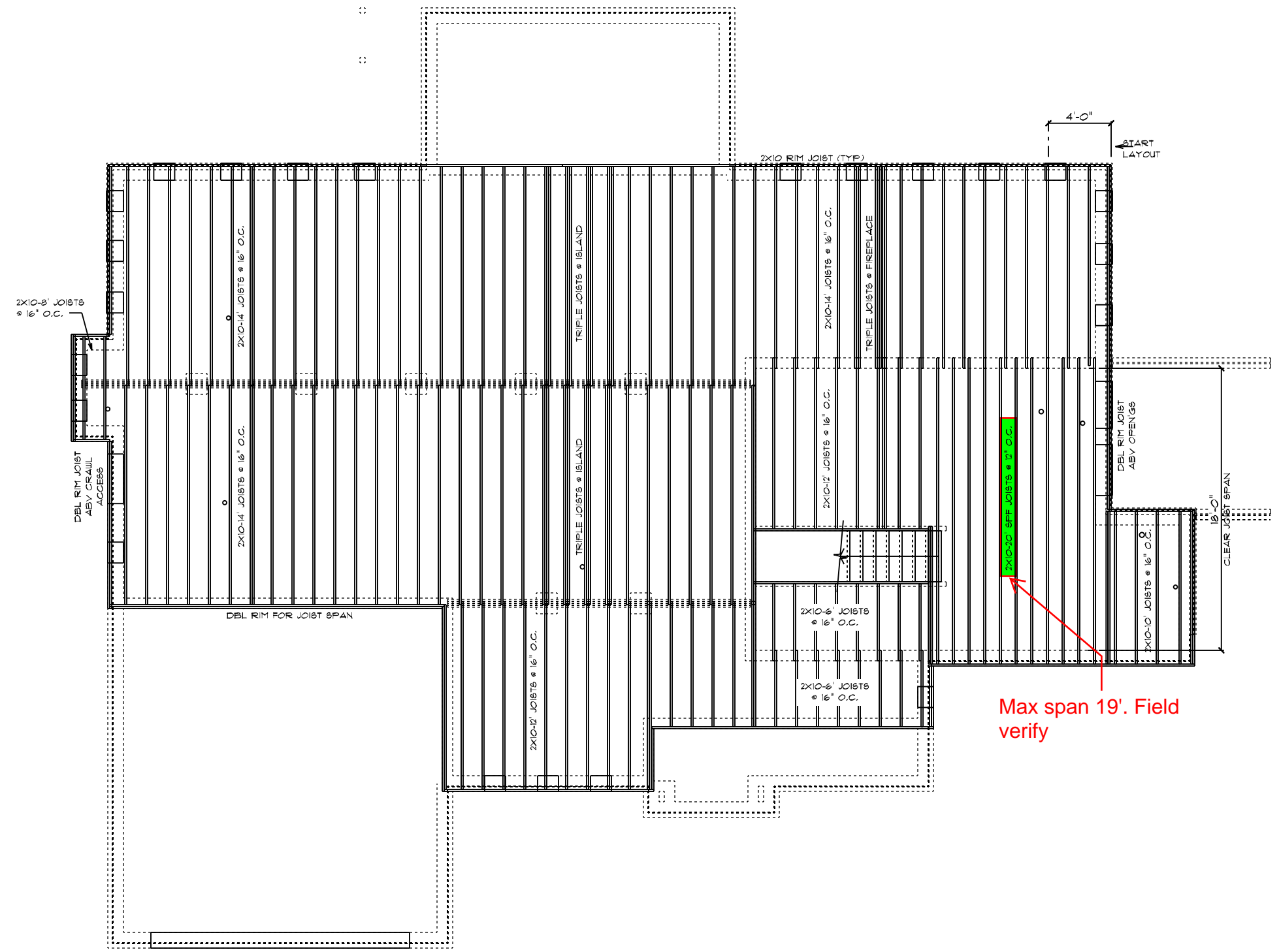
DATE: 9/17/2021	SCALE: 1/8" = 1'-0"	DRAWN BY: SG	DRUG: 4
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SQUARE FOOTAGES (4490) CRAWL SPACE: 1696 BASEMENT: 584 BONUS ROOM: 265 GARAGE: 475, PORCHES: 266			
CUSTOM BUILT FOR: JAMES JR. & ATONNA BARNES JOB #: DUTCO 021 0840 CN #: 32391 VN #: BA262			
LOCATION: 1093 OLD STAGE RD. ERWIN, NC 28339 COUNTY: HARNETT			
Raleigh/Durham, NC 182 West Hamlin Road Benson, NC 27504 (811) 261-3482 www.schumacherhomes.com			
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CONSTRUCTION NOTES:
 1. 2x8 TREATED SILL PLATE
 2. 1/2" DIAM. X 18" L. ANCHOR BOLTS SHALL EXTEND A MINIMUM OF 7" INTO MASONRY OR CONCRETE AS REQUIRED BY CODE @ 6' O.C. AND 12" FROM ALL CORNERS (2 PER CORNER)
 3. ANCHOR BOLTS TO BE LOCATED IN CENTER 1/3 OF SILL PLATE

BEVERLY AMERICAN TRADITION / CUSTOM
BOLT & PLATE PLAN

 SCHUMACHER HOMES Raleigh/Durham, NC 182 West Hamlin Road Benson, NC 27504 (811) 261-3482 www.schumacherhomes.com	CUSTOM BUILT FOR: JAMES JR. & ATONNA BARNES JOB #: DUTCO 021 0840 LOCATION: 1092 OLD STAGE RD. ERWIN, NC 28333 COUNTY: HARNETT	SQUARE FOOTAGES (480) CRAN SILLAGE: 1886 SILLAGE: 584 BONUS ROOM: 265 GARAGE: 475, PORCHES: 266	DRAWN BY: SG	DATE: 9/17/2021	SCALE: 1/8" = 1'-0" Dwg.
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- FRAMING NOTES:**
1. LEAVE 1/2" BETWEEN EACH END JOIST & RIM JOIST TO ALLOW FOR INSULATION.
 2. INSULATE ALL FRAMED CHANNELS & CORNERS; ALSO, BEHIND EACH TUB AND SHOWER UNIT.
 3. INSTALL FIREBLOCK FRAMING IN ALL STAIRWAY CEILING.
 4. INSTALL ALL TRUSSES, I-JOISTS, LVL'S AND BEAMS PER MANUFACTURER SPECIFICATIONS AND LAY OUTS. DO NOT CUT, NOTCH OR BORE WITHOUT EXACT SPECIFICATIONS.
 5. ALL FRAMING TO BE SOUTHERN YELLOW PINE NO. 2 OR GREATER UNLESS NOTED OTHERWISE.
 6. DOUBLE JOISTS SHOULD BE LOCATED UNDER ALL PARTITIONS WHEN THE LENGTH OF THE PARTITION EXCEEDS 1/2 THE SPAN OF THE JOIST.
 7. 3-FLY 2X10 JOISTS BELOW FIREPLACES & SOLID SURFACE ISLANDS.
 8. ALL DECK MATERIAL TO BE TREATED.
 9. PROVIDE DOUBLE 2X10 RIM JOIST WHEN RIM JOIST RUNS PARALLEL TO JOISTS.
 10. PROVIDE 2X8 X PIER WIDTH TREATED BEARING PLATE @ INTERIOR PIERS.

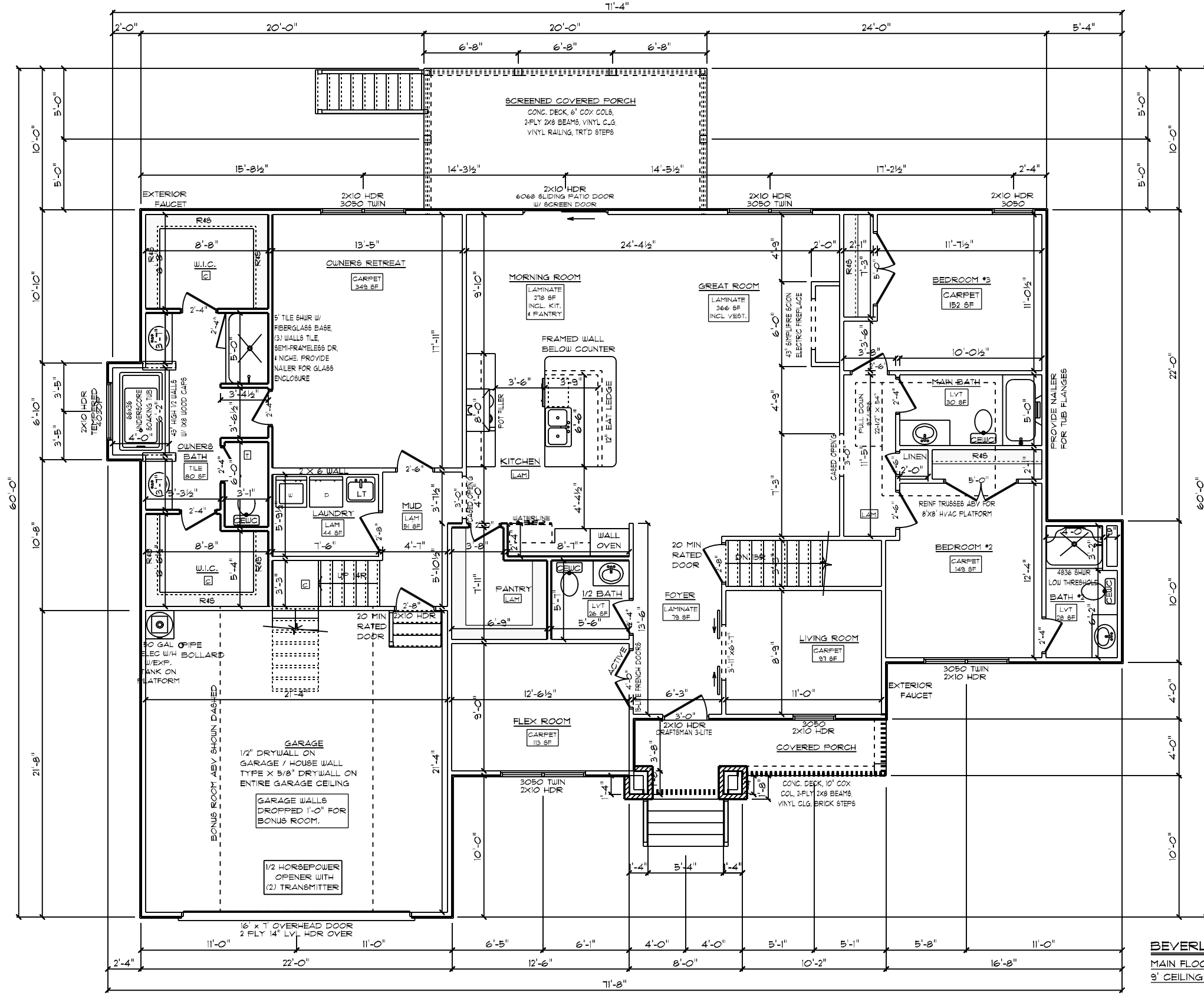
Max span 19'. Field verify

BEVERLY AMERICAN TRADITION / CUSTOM
 MAIN FLOOR JOIST PLAN

<p>SCHUMACHER HOMES</p>		RALEIGH/DURHAM, NC 182 West Hamlin Road Benson, NC 27504 (877) 261-3482 www.schumacherhomes.com
CUSTOM BUILT FOR: JAMES JR. & ATONNA BARNES	JOB #: DUT00 021 0840 CN #: 32381 V.N. #: BA262	SQUARE FOOTAGES (4480) CRAWL SPACE: 1836 BASEMENT: 584 1ST FL: 2215 BONUS ROOM: 265 GARAGE: 475, PORCHES: 266
DRAIN BY: SG	DATE: 9/17/2021	SCALE: 1/8" = 1'-0" DRWG: 6

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DRUG: T
 DATE: 9/17/2021
 DRAIN BY: SG
 SCALE: 1/8" = 1'-0"
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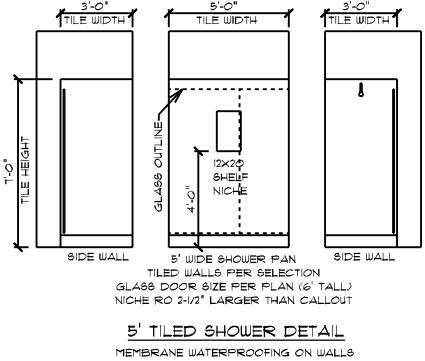


GENERAL FRAMING NOTES:
 • DRYWALLED OPENINGS TO BE 8'-0" HEIGHT UNLESS OTHERWISE NOTED
 • HEADERS TO BE 2-PLY 2X10 W/ (1) KING & (2) JACK STUDS UNLESS OTHERWISE NOTED

PLAN NOTES:
 • SMOOTH CEILINGS THROUGHOUT HOME
 • PAINTED TRIM
 • 5-1/4" BASEBOARDS
 • 3-1/4" CASING ON INTERIOR DOORS ON MAIN FLOOR ONLY
 • 3-1/4" CASING & JAMBS ON WINDOWS ON MAIN FLOOR ONLY
 • 2-PANEL HOLLOW CORE MOLDED INTERIOR DOORS
 • SILVERLINE LOW-E VINYL WINDOWS W/ SOLAR GLAZING

FLOORING NOTES:
 • ALL FLOORING BREAKS OCCUR @ CENTER LINE OF DOOR OPENINGS UNLESS OTHERWISE NOTED
 • FLOORING SQUARE FOOTAGES INCLUDE CLOSETS RELATIVE TO THE AREA UNLESS OTHERWISE NOTED
 • SOME FLOORING SQUARE FOOTAGES MAY INCLUDE HALLS OR AREAS THAT CONNECT WITHOUT WALL SEPARATION IF THE SAME FINISH IS CONTINUED

NOTE:
 • SOLID SHEATHING BEHIND SHOWER & WATERCLOSET FOR GRAB BARS IN BATH #2

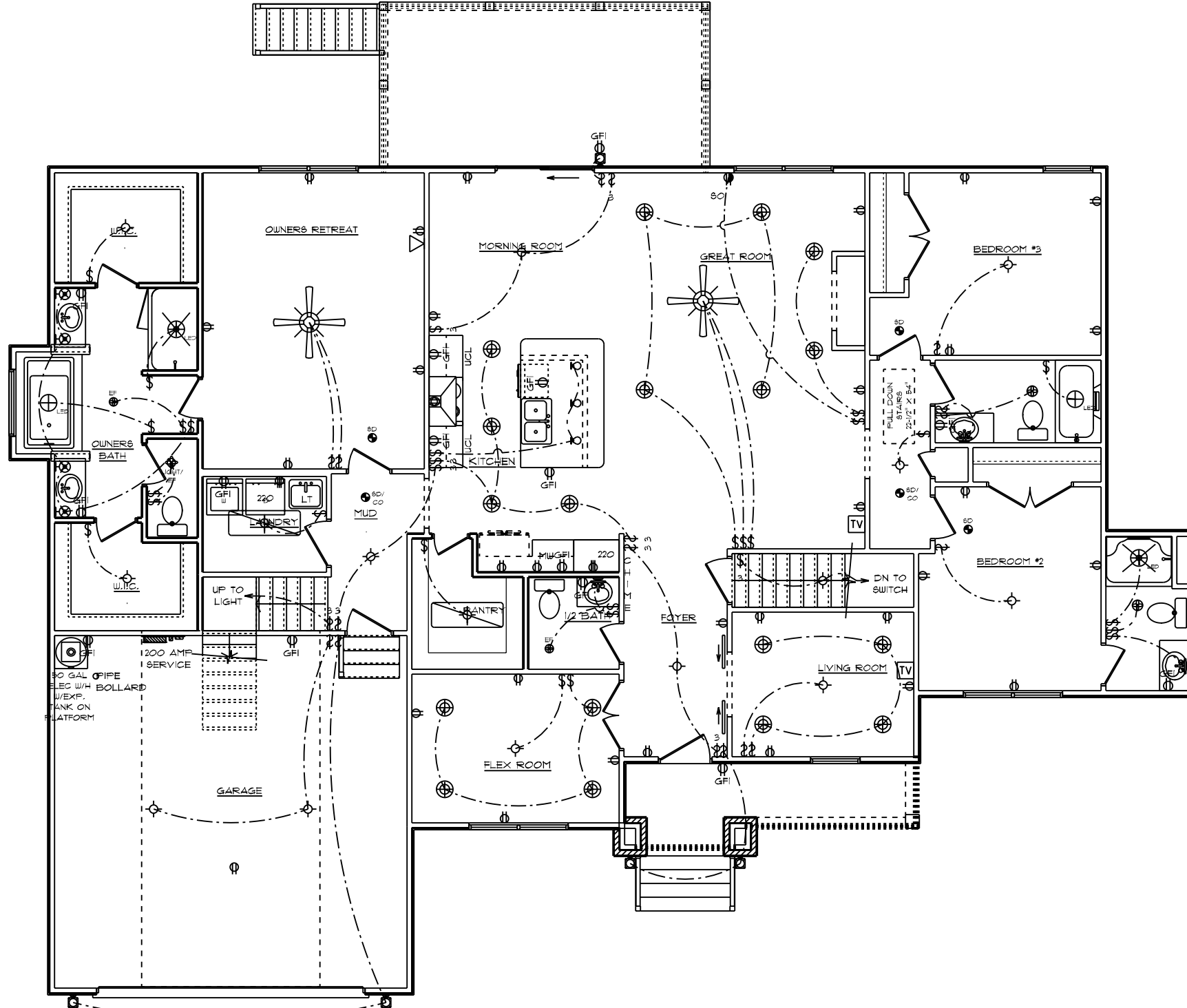


BEVERLY AMERICAN TRADITION / CUSTOM
 MAIN FLOOR PLAN
 9' CEILING HEIGHT

CUSTOM BUILT FOR: JAMES JR. & ATONNA BARNES
 JOB #: DUTCO 021 0840 CN #: 52591 VN #: BA262
 LOCATION: 1092 OLD STAGE RD. ERWIN, NC 28339 COUNTY: HARNETT
 SQUARE FOOTAGES (4490)
 CRUISE SPACES: 1636
 BATHS: 5
 BONUS ROOM: 265
 GARAGE: 475, PORCHES: 266

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GENERAL ELECTRICAL NOTES:

- (1) EXISTING SWITCH UPGRADED TO A 3-WAY SWITCH, (1) ADDITIONAL 3-WAY SWITCH AND (1) COACH LIGHT WIRED TO A STANDARD SWITCH ARE INCLUDED WHEN A GARAGE SERVICE DOOR IS PURCHASED
- (1) COACH LIGHT, (1) SWITCH, AND (1) GFI OUTLET ARE INCLUDED WHEN ANY ADDITIONAL DOOR IS PURCHASED, EXCLUDING THE GARAGE SERVICE DOOR
- ALL SMOKE DETECTORS TO BE INTERCONNECTED WITH BATTERY BACKUP
- E3902.11 ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION ALL BRANCH CIRCUITS THAT SUPPLY 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE OUTLETS INSTALLED IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN'S, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS AND SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
- GARAGE DOOR LOW VOLTAGE WIRING BY ELECTRICIAN
- TWO SEPARATE KITCHEN GENERAL ELECTRIC OUTLET CIRCUITS FED BY NUMBER 12 WIRE AND ON 20 AMP BREAKERS REQUIRED IN KITCHEN
- ALL OUTLETS INSTALLED IN BATHROOMS, GARAGES, & UNFINISHED BASEMENTS SHALL HAVE GFCI PROTECTIONS ALONG WITH OUTLETS LOCATED W/IN 6'-0" OF LAUNDRY, UTILITY & WET BAR SINKS & ALL OUTLETS SERVING KITCHEN COUNTERTOP SURFACES
- ALL OUTLETS TO BE PLACED PER CODE
- MOUNTING HEIGHTS
 - VANITY LIGHTS: 80" AFF
 - WALL SCONCES: 66" AFF
 - PENDANT LIGHTS: 66" AFF
 - CHANDELIERS (TO BTM OF FIXTURE)
 - FOYER 9' CEILING: 84"
 - FOYER OVER 9' CLG: 90"
 - DINING ROOM: 60"

- ADDITIONAL ELECTRICAL NOTES:**
- INSTALL ALL BATHROOM LIGHT FIXTURES WITH GLOBES FACING DOWN
 - GARAGE COACH LIGHTS TO BE INSTALLED HIGHER THAN GARAGE DOOR

BEVERLY AMERICAN TRADITION / CUSTOM
 MAIN FLOOR PLAN
 9' CEILING HEIGHT
 ELECTRICAL PLAN

DATE: 9/17/2021
 SCALE: 1/8" = 1'-0"
 DRAIN BY: SG
 DRUG: 8

SQUARE FOOTAGES (4490)
 CRAWL SPACE: 1696
 BASEMENT: 584
 9' TL 2215
 BONUS ROOM: 265
 GARAGE: 475, PORCHES: 266

CUSTOM BUILT FOR:
 JAMES JR. & ATONNA BARNES
 JOB #: DUTCO 021 0840 CN #: 32581 VN #: BA262
 LOCATION: 1092 OLD STAGE RD.
 ERWIN, NC 28339
 COUNTY: HARNETT

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BEVERLY AMERICAN TRADITION / CUSTOM
 BONUS FLOOR JOIST PLAN

DRWN BY: SG
 DATE: 9/17/2021
 SCALE: 1/8" = 1'-0"
 Dwg: 9

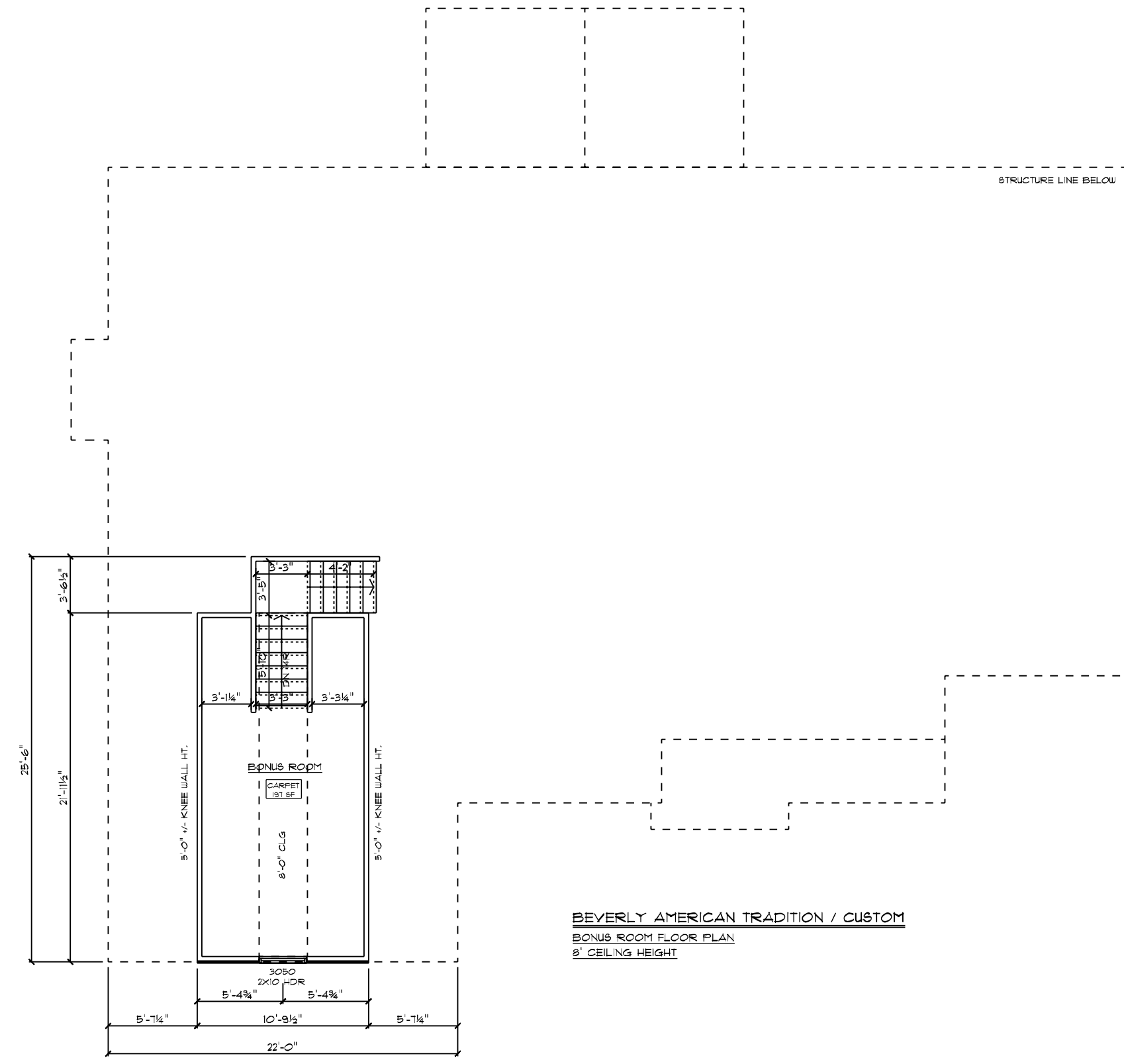
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SQUARE FOOTAGES (4490)
 CRUISE SPACES: 1686
 BAPTIST: 584
 97 TL 2215
 BONUS ROOM: 266
 GARAGE: 475, PORCHES: 266

CUSTOM BUILT FOR:
 JAMES JR. & ATYONNA BARNES
 JOB #: DUTCO 021 0840 CN #: 32391 VN #: BA262
 LOCATION:
 1092 OLD STAGE RD.
 ERWIN, NC 28339
 COUNTY: HARNETT

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GENERAL FRAMING NOTES:

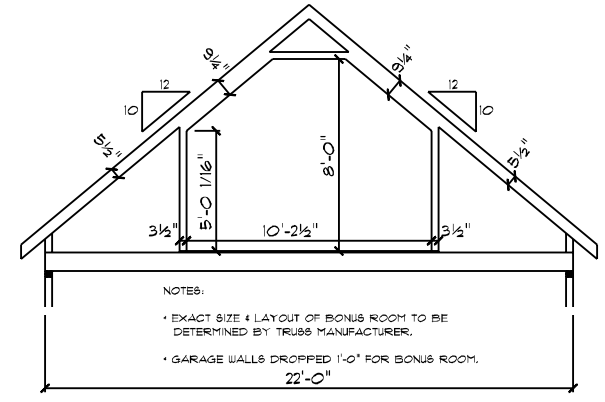
- DRYWALLED OPENINGS TO BE 6'-8" HEIGHT UNLESS OTHERWISE NOTED
- HEADERS TO BE 2-PLY 2X10 W/ (1) KING & (2) JACK STUDS UNLESS OTHERWISE NOTED

PLAN NOTES:

- SMOOTH CEILINGS THROUGHOUT HOME
- PAINTED TRIM
- 5-1/4" BASEBOARDS
- 3-1/4" CASING ON INTERIOR DOORS ON MAIN FLOOR ONLY
- 3-1/4" CASING & JAMBS ON WINDOWS ON MAIN FLOOR ONLY
- 2-PANEL HOLLOW CORE MOLDED INTERIOR DOORS
- SILVERLINE LOW-E VINYL WINDOWS W/ SOLAR GLAZING

FLOORING NOTES:

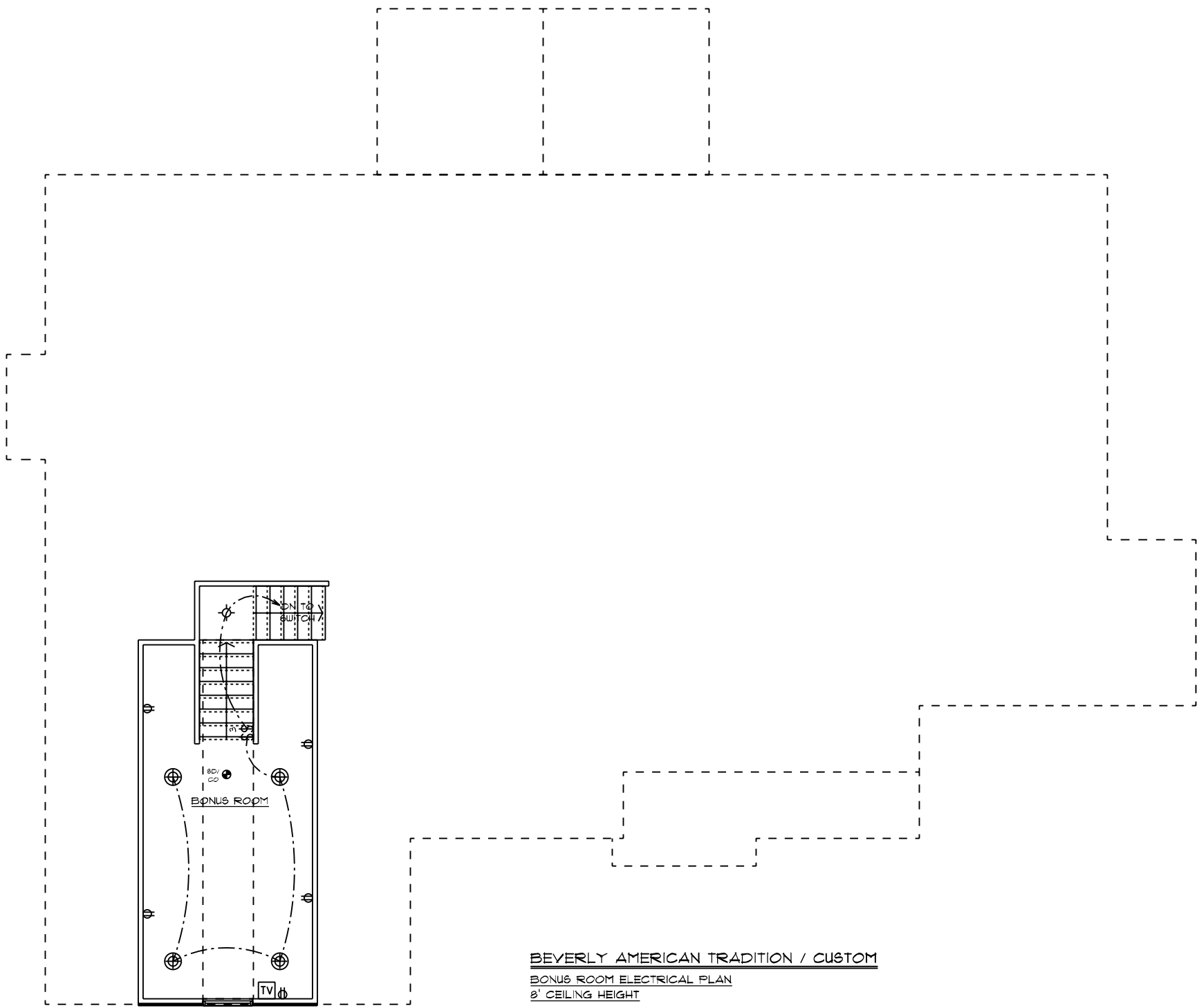
- ALL FLOORING BREAKS OCCUR @ CENTER LINE OF DOOR OPENINGS UNLESS OTHERWISE NOTED
- FLOORING SQUARE FOOTAGES INCLUDE CLOSETS RELATIVE TO THE AREA UNLESS OTHERWISE NOTED
- SOME FLOORING SQUARE FOOTAGES MAY INCLUDE HALLS OR AREAS THAT CONNECT WITHOUT WALL SEPARATION IF THE SAME FINISH IS CONTINUED



SCHUMACHER / CUSTOM
 BONUS ROOM DETAILS W/ RAISED HEEL
 SCALE: 1/8" = 1'-0"

BEVERLY AMERICAN TRADITION / CUSTOM
 BONUS ROOM FLOOR PLAN
 8' CEILING HEIGHT

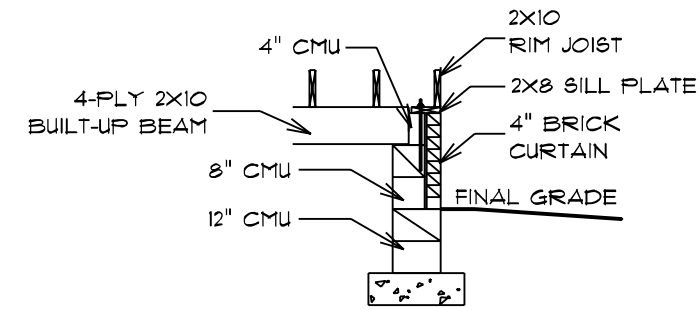
<p>SCHUMACHER HOMES</p>	RALEIGH/DURHAM, NC 182 West Hamlin Road Benson, NC 27504 (877) 261-3482 www.schumacherhomes.com	CUSTOM BUILT FOR: JAMES JR. & ATYONNA BARNES JOB #: DUTCOO 021 0840 CN #: 32381 V.N. #: BA262	SQUARE FOOTAGES (4490) CRUISE SPACES: 1686 BATHS: 5 BONUS ROOM: 265 GARAGE: 475, PORCHES: 266	DRAWN BY: SG	DATE: 9/17/2021	SCALE: 1/8" = 1'-0"	DWG. NO: 10
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BEVERLY AMERICAN TRADITION / CUSTOM
 BONUS ROOM ELECTRICAL PLAN
 8' CEILING HEIGHT

- GENERAL ELECTRICAL NOTES:**
- (1) EXISTING SWITCH UPGRADED TO A 3-WAY SWITCH, (1) ADDITIONAL 3-WAY SWITCH AND (1) COACH LIGHT WIRED TO A STANDARD SWITCH ARE INCLUDED WHEN A GARAGE SERVICE DOOR IS PURCHASED
 - (1) COACH LIGHT, (1) SWITCH, AND (1) GFI OUTLET ARE INCLUDED WHEN ANY ADDITIONAL DOOR IS PURCHASED, EXCLUDING THE GARAGE SERVICE DOOR
 - ALL SMOKE DETECTORS TO BE INTERCONNECTED WITH BATTERY BACKUP
 - E3902.11 ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION ALL BRANCH CIRCUITS THAT SUPPLY 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE OUTLETS INSTALLED IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS AND SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
 - GARAGE DOOR LOW VOLTAGE WIRING BY ELECTRICIAN
 - TWO SEPARATE KITCHEN GENERAL ELECTRIC OUTLET CIRCUITS FED BY NUMBER 12 WIRE AND ON 20 AMP BREAKERS REQUIRED IN KITCHEN
 - ALL OUTLETS INSTALLED IN BATHROOMS, GARAGES, & UNFINISHED BASEMENTS SHALL HAVE GFCI PROTECTIONS ALONG WITH OUTLETS LOCATED W/IN 6'-0" OF LAUNDRY, UTILITY & WET BAR SINKS & ALL OUTLETS SERVING KITCHEN COUNTERTOP SURFACES
 - ALL OUTLETS TO BE PLACED PER CODE
 - MOUNTING HEIGHTS
 - VANITY LIGHTS: 80" AFF
 - WALL SCONCES: 66" AFF
 - PENDANT LIGHTS: 66" AFF
 - CHANDELIERS (TO BTM OF FIXTURE)
 - FOYER 9' CEILING: 84"
 - FOYER OVER 9' CLG: 80"
 - DINING ROOM: 60"

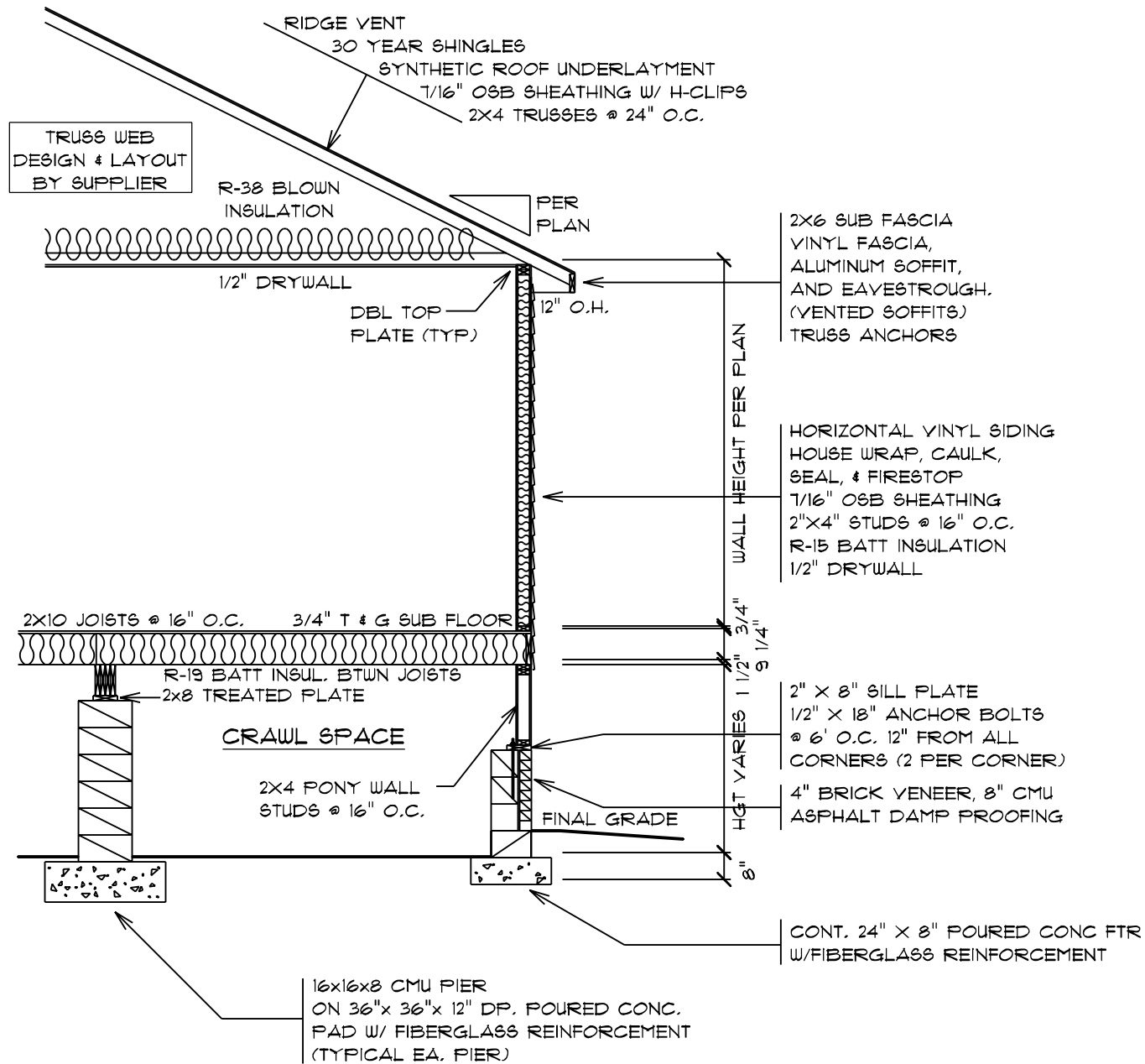
DRAIN BY: SG		DATE: 9/17/2021		SCALE: 1/8" = 1'-0"		DWG: 11	
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CUSTOM BUILT FOR: JAMES JR. & ATONNA BARNES		SQUARE FOOTAGES: (4490)		CRAIN BRACE: 1886		© 1992-2021 SCHUMACHER HOMES OPERATIONS, INC. ALL RIGHTS RESERVED. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SCHUMACHER HOMES OPERATIONS, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND HOME NUMBER IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR MODIFIED IN WHOLE OR PART, WITHOUT THE EXPRESS WRITTEN CONSENT OF SCHUMACHER HOMES, AND SUCH UNAUTHORIZED USE OR COPYING IS A VIOLATION OF UNITED STATES COPYRIGHT LAW AND THAT RESULT IN DAMAGES IN EXCESS OF \$50000 PER ACT OF INFRINGEMENT.	
JOB #: DUTCOO 021 0840		CN #: 32381		VN #: BA262		CRAIN BRACE: 1886	
LOCATION: 1092 OLD STAGE RD. ERWIN, NC 28339		COUNTY: HARNETT		BONUS ROOM: 265		GARAGE: 475	
RALEIGH/DURHAM, NC 182 West Hamlin Road Benson, NC 27504 (877) 261-3482 www.schumacherhomes.com		SCHUMACHER HOMES		SCHUMACHER HOMES		SCHUMACHER HOMES	



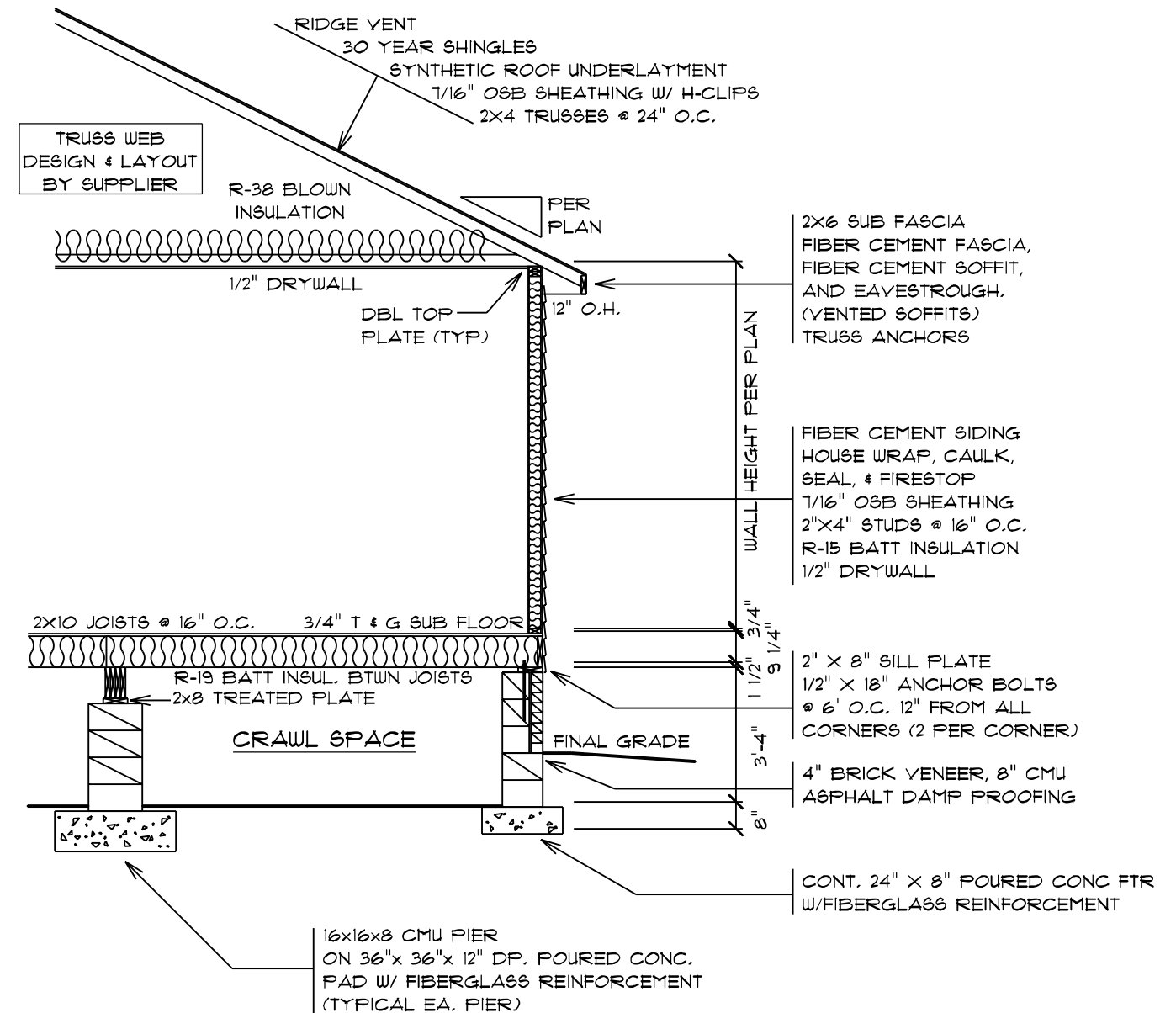
BEAM POCKET DETAIL

NOTE:
 ROOF UNDERLAYMENT TO BE OVERLAPPED
 50% PLUS 1" ON ROOFS LESS THAN 4/12 PITCH

NOTE:
 ROOF UNDERLAYMENT TO BE OVERLAPPED
 50% PLUS 1" ON ROOFS LESS THAN 4/12 PITCH



TYPICAL PONY WALL SECTION



TYPICAL WALL SECTION

DATE: 9/17/2021
 SCALE: 1/4" = 1'-0"
 DRAWN BY: SG
 Dwg: 12

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SQUARE FOOTAGES (4490)
 CRAWL SPACE: 1836
 GARAGE: 584
 97 TL 2215
 BONUS ROOM: 265
 GARAGE: 475, PORCHES: 266

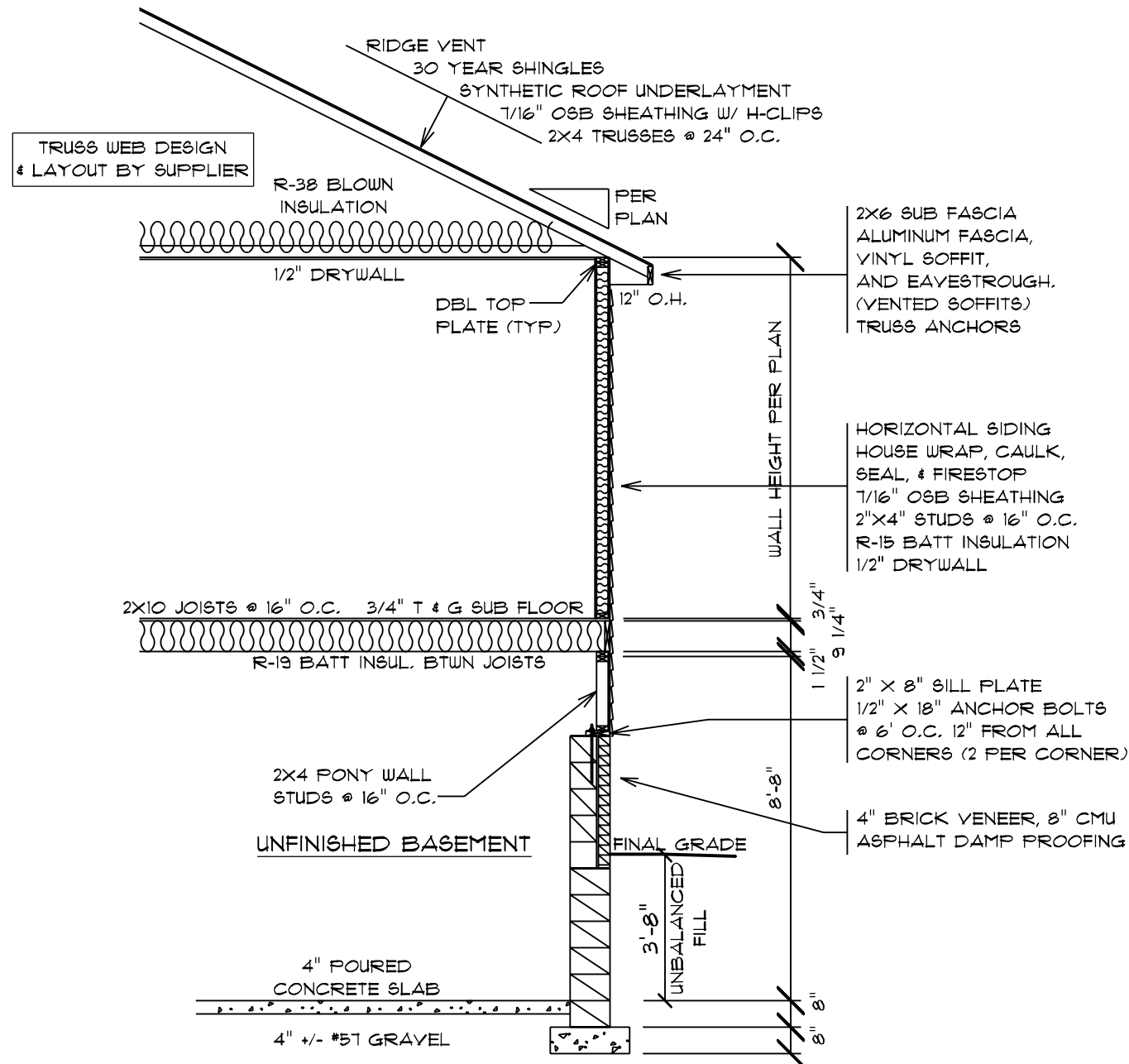
CUSTOM BUILT FOR:
 JAMES JR. & ATONNA BARNES
 1054 DUTCH OAK DR
 CN # 32391
 V.N. # BA262

LOCATION:
 1092 OLD STAGE RD.
 ERWIN, NC 28339
 COUNTY: HARNETT

Raleigh/Durham, NC
 182 West Hamlin Road
 Benson, NC 27504
 (877) 261-3482
 www.schumacherhomes.com

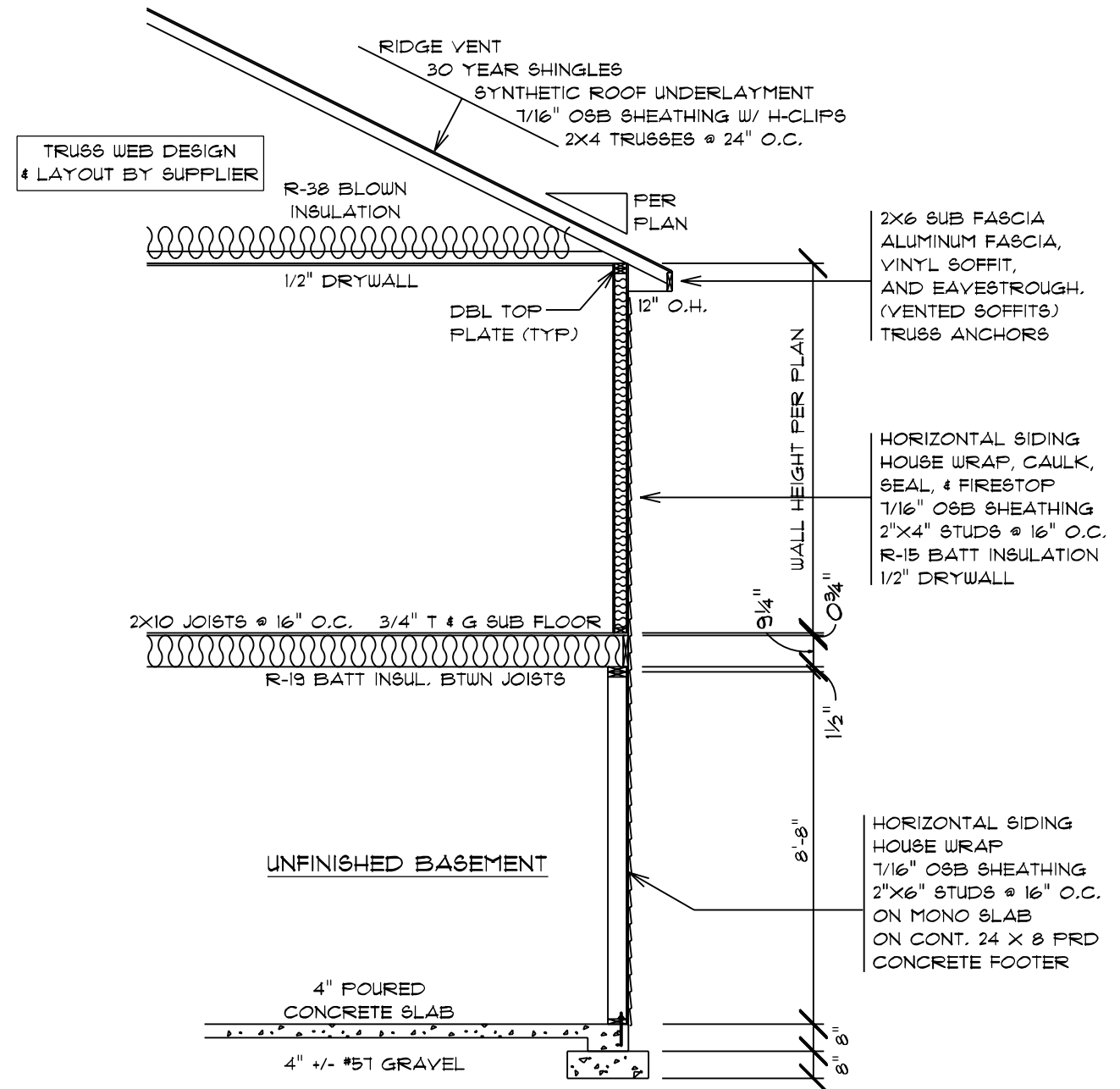
Paul Schumacher
 SCHUMACHER HOMES

NOTE:
 ROOF UNDERLAYMENT TO BE OVERLAPPED
 50% PLUS 1" ON ROOFS LESS THAN 4/12 PITCH



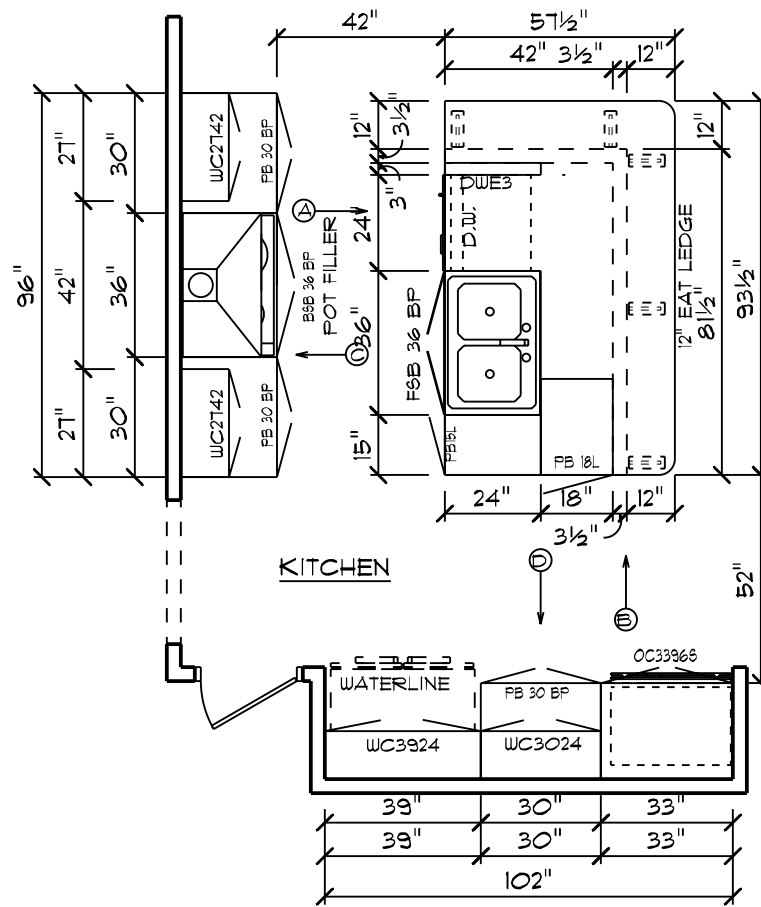
TYPICAL PONY WALL SECTION

NOTE:
 ROOF UNDERLAYMENT TO BE OVERLAPPED
 50% PLUS 1" ON ROOFS LESS THAN 4/12 PITCH



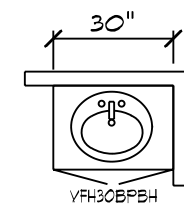
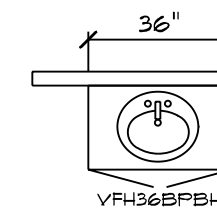
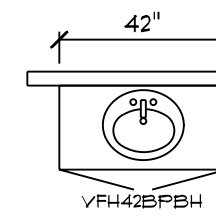
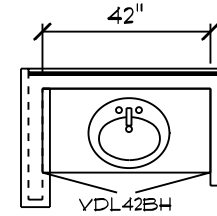
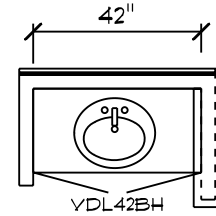
TYPICAL FRAMED BASEMENT WALL SECTION

DRAWN BY: SG
 DATE: 9/17/2021
 SCALE: 1/4" = 1'-0"
 SHEET: 13
 CUSTOM BUILT FOR: JAMES JR. & ATONNA BARNES
 JOB #: DUTCO 021 0840 CN #: 32381 VN #: BA262
 LOCATION: 1092 OLD STAGE RD. ERWIN, NC 28333 COUNTY: HARNETT
 SQUARE FOOTAGES (480):
 CRAWL SPACE: 1636
 BASEMENT: 584
 9' TL 2215
 BONUS ROOM: 265
 GARAGE: 475, PORCHES: 266
 Raleigh/Durham, NC
 182 West Hamlin Road
 Benson, NC 27504
 (811) 261-3482
 www.schumacherhomes.com
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34-1/2" H. WALL
 W/ DRYWALL UNDER
 COUNTER

34-1/2" STUD WALL
 (4) FPC34X48
 (7) UFWD636-F4E
 (5) CV36
 (5) DCB8

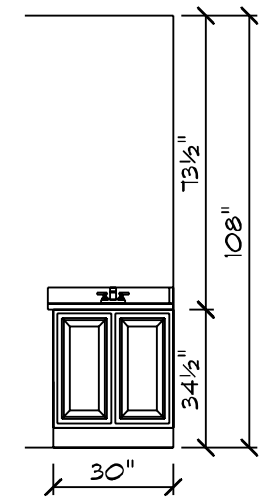
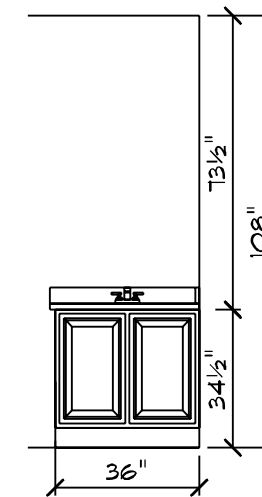
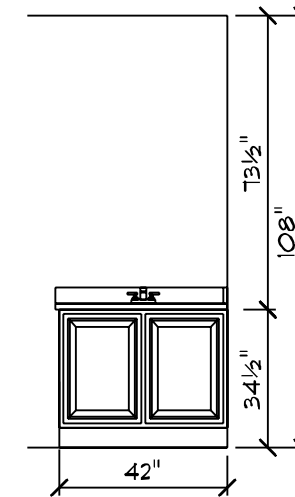
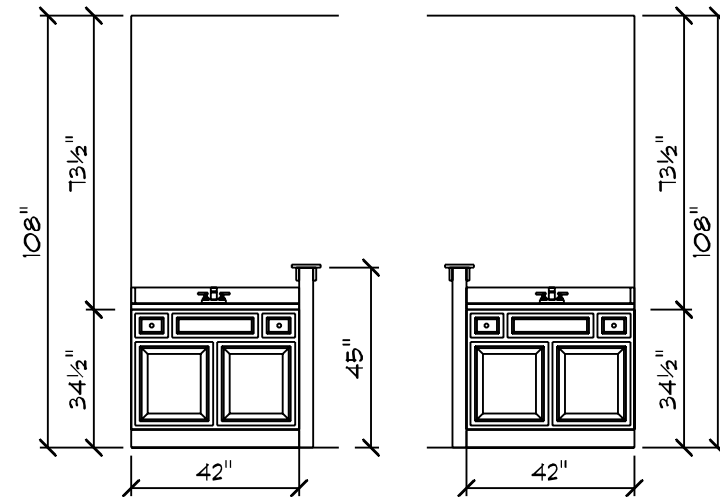


OWNER'S BATH

MAIN BATH

BATH #2

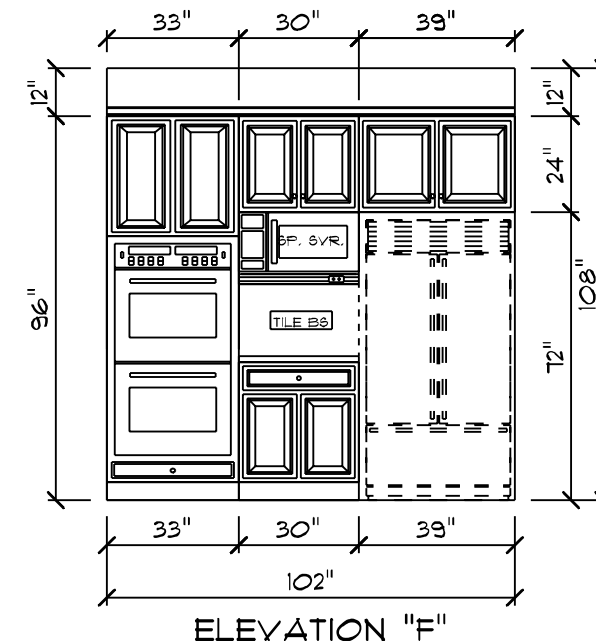
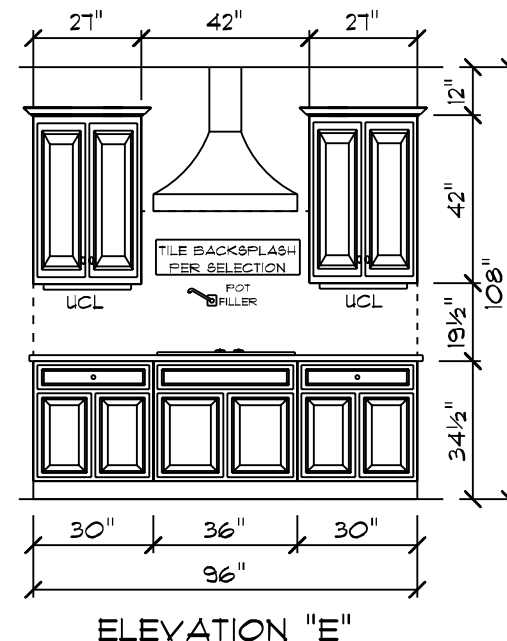
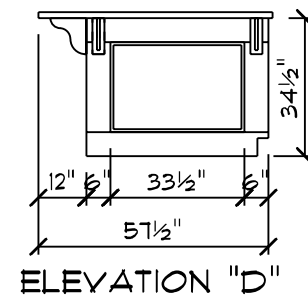
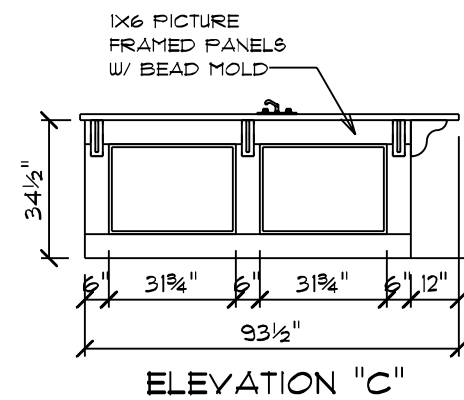
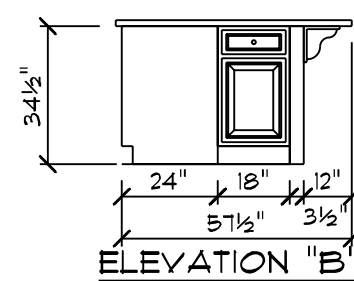
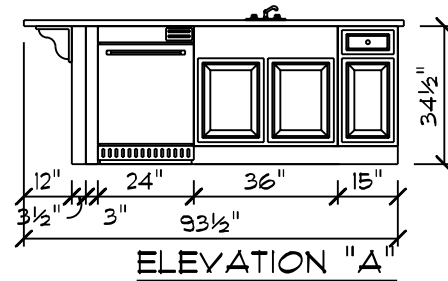
HALF BATH



BEVERLY AMERICAN TRADITION / CUSTOM

CABINET PLAN

NOTE: CABINET DRAWING DIMENSIONS
 ACCOUNT FOR 1/2" OF DRYWALL



- CABINET NOTES:**
- KITCHEN**
- CAMBRIDGE BIRCH CABINETS W/ TRADITIONAL OVERLAY
 - DELUXE CABINETS
 - 2-1/4" KITCHEN CABINET CROWN MOLDING
 - QUARTZ COUNTERTOPS
 - STAINLESS STEEL APRON KITCHEN SINK
 - BRUSHED NICKEL MODERN METAL PULLS
- OWNER'S BATH**
- CAMBRIDGE BIRCH CABINETS W/ TRADITIONAL OVERLAY
 - QUARTZ COUNTERTOPS
 - BRUSHED NICKEL MODERN METAL PULLS
- MAIN BATH, BATH #2, HALF BATH**
- CAMBRIDGE BIRCH CABINETS W/ TRADITIONAL OVERLAY
 - GRANITE COUNTERTOPS
 - BRUSHED NICKEL MODERN METAL PULLS

DATE: 9/17/2021
 SCALE: 1/4" = 1'-0"
 DRAWING NO: 14

DRAIN BY: 86
 DWS:

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SQUARE FOOTAGES (480)
 CROWN SPACES: 1636
 CABINETRY: 584
 97 TL 2215
 BONUS ROOM: 265
 GARAGE: 475, PORCHES: 266

CUSTOM BUILT FOR: JAMES JR. & ATYONNA BARNES
 JOB #: DUTCOO 021 0840
 CN #: 32381
 VN #: BA262

LOCATION: 1092 OLD STAGE RD.
 ERWIN, NC 28339
 COUNTY: HARNETT

Raleigh/Durham, NC
 182 West Hamlin Road
 Benson, NC 27504
 (817) 261-3482
 www.schumacherhomes.com

SCHUMACHER HOMES

Silverline V1 Series Single Hung Windows																				
R.O	36 1/2	38 1/2	40 1/2	42 1/2	44 1/2	46 1/2	48 1/2	50 1/2	52 1/2	54 1/2	56 1/2	60 1/2	62 1/2	64 1/2	66 1/2	72 1/2	74 1/2	78 1/2	80 1/2	84 1/2
18 1/2	1630	1632			1638	16310	1640	1642	1644	1646	1648	1650	1652	1654	1656	1660	1662	1666		1670
20 1/2	1830	1832			1838	18310	1840	1842	1844	1846	1848	1850	1852	1854	1856	1860	1862	1866		1870
24 1/2	2030	2032	2034	2036	2038	20310	2040	2042	2044	2046	2048	2050	2052	2054	2056	2060	2062	2066		2070
28 1/2	2430	2432			2438	24310	2440	2442	2444	2446	2448	2450	2452	2454	2456	2460	2462	2466		2470
30 1/2	2630	2632	2634	2636	2638	26310	2640	2642	2644	2646	2648	2650	2652	2654	2656	2660	2662	2666		2670
32 1/2	2830	2832	2834	2836	2838	28310	2840	2842	2844	2846	2848	2850	2852	2854	2856	2860	2862	2866		2870
36 1/2	3030	3032	3034	3036	3038	30310	3040	3042	3044	3046	3048	3050	3052	3054	3056	3060	3062	3066	3068	3070
38 1/2	3230	3232			3238	32310	3240	3242	3244	3246	3248	3250	3252	3254	3256	3260	3262	3266		3270
40 1/2	3430	3432			3438	34310	3440	3442	3444	3446	3448	3450	3452	3454	3456	3460	3462	3466		3470
42 1/2	3630	3632			3638	36310	3640	3642	3644	3646		3650	3652	3654	3656	3660	3662			3670
44 1/2	3830	3832			3838	38310	3840	3842	3844	3846	3848	3850	3852	3854	3856	3860	3862	3866		3870
48 1/2	4030	4032			4038	40310	4040	4042	4044	4046	4048	4050	4052	4054	4056	4060	4062	4066		4070

BOLD TYPE MEETS EGRESS

UNDERLINED CALLOUTS MEET EGRESS WITH CLEAR OPENING HARDWARE

Silverline V3 Series Casement Windows						
R.O	18	21	24 5/8	28 7/8	34	36 7/16
24 5/8	C1-1520	C1-1820	C1-2020	C1-2420		
28 7/8	C1-1524	C1-1824	C1-2024	C1-2424	C1-2924	
36 7/16	C1-15211	C1-18211	C1-20211	C1-24211	C1-29211	C1-211211
41 5/16	C1-1534	C1-1834	C1-2034	C1-2434	<u>C1-2934</u>	C1-21134
48 1/2	C1-1540	C1-1840	C1-2040	<u>C1-2440</u>	<u>C1-2940</u>	C1-21140
53 5/16	C1-1544	C1-1844	C1-2044	<u>C1-2444</u>	<u>C1-2944</u>	C1-21144
60 3/8	C1-15411	C1-18411	C1-20411	<u>C1-24411</u>	<u>C1-29411</u>	C1-211411
65 5/16	C1-1554	C1-1854	C1-2054	<u>C1-2454</u>	<u>C1-2954</u>	C1-21154
72 3/8	C1-15511	C1-18511	C1-20511	<u>C1-24511</u>	<u>C1-29511</u>	C1-211511

Silverline V3 Series Awning Windows						
R.O	25 5/8	28 7/8	32	36 7/16	41 1/4	48 1/2
17 1/2	AW1-2015	AW1-2415	AW1-2715	AW1-21115	AW1-3415	AW1-4015
21	AW1-2018	AW1-2418	AW1-2718	AW1-21118	AW1-3418	AW1-4018
24 5/8	AW1-2020	AW1-2420	AW1-2720	AW1-21120	AW1-3420	AW1-4020
28 7/8	AW1-2024	AW1-2424	AW1-2724	AW1-21124	AW1-3424	AW1-4024
32		AW1-2427	AW1-2727	AW1-21127	AW1-3427	AW1-4027
36 4/9			AW1-27211	AW1-211211	AW1-34211	AW1-40211

Silverline Sliding Door	
6068	72-1/4" x 80-1/2"

Masonite Patio Door Units	
Unit	Rough Opening
3068	38 1/2" x 82 1/2"
3080	38 1/2" x 98 1/2"
6068	75 5/8" x 82 1/2"
6080	75 5/8" x 98 1/2"
9068	112 5/8" x 82 1/2"
9080	112 5/8" x 98 1/2"

Exterior Door with Sidelites	
3'-0" w(1) 14" S.L.	54 5/8" X 82 1/2"
3'-0" w(2) 14" S.L.	69 5/8" X 82 1/2"

Andersen 200 Narroline Gliding Patio Door	
Unit	Rough Opening
NLGD6068	72" x 80"
NLGD12068-4	141 3/4" x 80"
NLGD6080	72" x 96"
NLGD12080-4	141 3/4" x 96"

Andersen 100 Patio Door	
Unit	Rough Opening
6068	72" x 80"
6080	72" x 96"

Silverline V3 Series Twin Casement Windows					
R.O	41 1/4	48 1/2	57	63 1/4	72 1/8
24 5/8	C2-3420	C2-4020	C2-4820		
28 7/8	C2-3424	C2-4024	C2-4824		
36 7/16	C2-34211	C2-40211	C2-48211	C2-52211	C2-511211
41 5/16	C2-3434	C2-4034	C2-4834	<u>C2-5234</u>	C2-51134
48 1/2	C2-3440	C2-4040	<u>C2-4840</u>	<u>C2-5240</u>	C2-51140
53 5/16	C2-3444	C2-4044	<u>C2-4844</u>	<u>C2-5244</u>	C2-51144
60 3/8	C2-34411	C2-40411	<u>C2-48411</u>	<u>C2-52411</u>	C2-511411
65 5/16	C2-3454	C2-4054	<u>C2-4854</u>		
72 3/8	C2-34511	C2-40511	<u>C2-48511</u>		

Silverline V3 Series Twin Awning Windows			
R.O	57	63 1/4	72 1/8
17 1/2	AW2-4815	AW2-5215	AW2-51115
21	AW2-4818	AW2-5218	AW2-51118
24 5/8	AW2-4820	AW2-5220	AW2-51120
28 7/8	AW2-4824	AW2-5224	AW2-51124
32		AW2-5227	AW2-51127
36 7/16			AW2-511211

Fireplace Framing	
36" WOOD BURNING EL36 W: 42" H: 40-1/4" D: 21-1/2"	
42" WOOD BURNING EL42 W: 48" H: 40-1/4" D: 21-1/2"	
36" DIRECT VENT NDV4236i W: 42" H: 35-1/4" D: 24"	
42" DIRECT VENT NDV4842i W: 49" H: 35-1/4" D: 24"	
36" MODERN GAS DV NEVO4236i W: 42" H: 40-1/4" D: 20-1/4"	
42" RAVE DIRECT VENT RAVE42-IFT-B W: 50" H: 33-1/4" D: 18-1/4"	
60" CRAVE DIRECT VENT CRAVE7260-B W: 72-1/4" H: 48-1/2" D: 18-3/4"	
HOLD FIREPLACE UP 2" TO ALLOW FOR STONE HEARTH IF APP.	
A PLYWOOD FLOOR IS REQUIRED ON ALL WOODBURNERS AT LEAST 6' HIGH TO BE INSTALLED BY FRAMERS	
2X6 WRAP AT TOP OF CHASE	

Silverline V3 Triple Csmnt Windows			
R.O	61 1/2	72 3/8	85 1/8
24 5/8	C3-5120	C3-51120	C3-7020
28 7/8	C3-5124	C3-51124	C3-7024
36 7/16	C3-51211	C3-511211	C3-70211
41 5/16	C3-5134	C3-51134	C3-7034
48 1/2	C3-5140	C3-51140	<u>C3-7040</u>
53 5/16	C3-5144	C3-51144	<u>C3-7044</u>
60 3/8	C3-51411	C3-511411	<u>C3-70411</u>

Silverline Oval Windows		
	Rough Opening	
	Width	Height
OVL-2030	24 1/2	36 1/2
OVL-2434	28 1/2	40 1/2
OVL-2838	32 1/2	44 1/2
OVL-3040	36 1/2	48 1/2
OVL-3050	36 1/2	60 1/2

Window Notes	Additional Important Information
1. TO CALCULATE THE R.O. FOR A WINDOW WITH A TRANSOM, ADD BOTH UNIT DIMENSIONS TOGETHER AND ADD 1/2".	1. THERE IS NO ALLOWANCE IN ANY OF THE HEIGHT DIMENSIONS FOR CARPET SHIM. (PLEASE ADD ACCORDINGLY)
2. TO CALCULATE THE R.O. FOR MULTIPLE UNITS, ADD BOTH ACTUAL UNIT DIM TOGETHER AND ADD 1/2" PER MULL	2. BRICK OPENINGS ARE 2-1/2" WIDER AND 1-1/4" HIGHER THAN ACTUAL UNIT SIZE.
3. FOR R.O.'S NOT LISTED, ADD 1/2" TO THE ACTUAL UNIT DIM FOR BOTH THE WIDTH AND HEIGHT	3. FOR 7' DOORS ADD 4" TO THE ACTUAL UNIT SIZE AND ROUGH OPENING HEIGHT DIMENSIONS.
	4. DO NOT STORE PRE-HUNG UNITS OUTSIDE.

Lintel Schedule				1/2" or Equiv Reinforcing Bars
Size of Steel Angle	No story Above	One story above	Two Stories Above	
3 x 3 x 1/4	6'-0"	4'-6"	3'-0"	1
4 x 3 x 1/4	8'-0"	6'-0"	4'-6"	1
5 x 3-1/2 x 5/16	10'-0"	8'-0"	6'-0"	2
6 x 3-1/2 x 5/16	14'-0"	9'-6"	7'-0"	2
(2) 6 x 3-1/2 x 5/16	20'-0"	12'-0"	9'-6"	4

Miscellaneous Framing
FRAME SOFFITS THE SAME HEIGHT AS DRYWALL OPENINGS.
LEAVE 14-1/2" BETWEEN EACH END JOIST & RIM JOIST TO ALLOW FOR INSULATION. INSULATE ALL FRAMED CHANNELS & CORNERS AND BEHIND SHOWER & TUB UNITS. INSTALL FIREBLOCK FRAMING IN ALL STAIRWAY CEILINGS.

APPROVED: 08-11-2021
REVISED: 09-11-2021

DATE: 9/17/2021
SCALE: 1/8" = 1'-0"

DRAWN BY: SG

DWG: 18

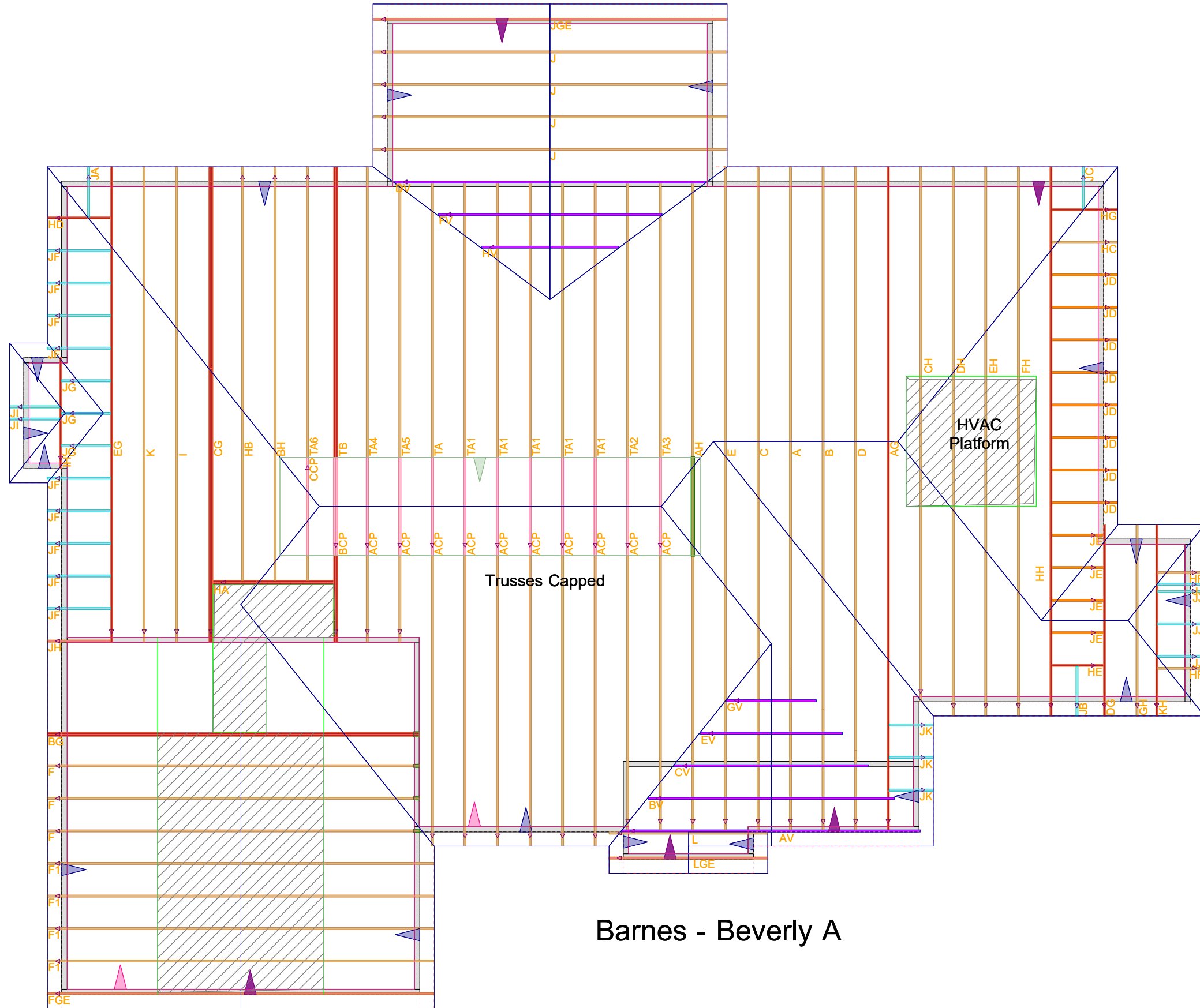
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SQUARE FOOTAGES (4490)
CRUAL SQUARE: 1636
PERIMETER: 54
BONUS ROOM: 265
GARAGE: 475, PORCHES: 266

CUSTOM BUILT FOR: JAMES JR. & ATONNA BARNES
JOB #: DUTCO 021 0840 CN #: 32381 VN #: BA262
LOCATION: 1032 OLD STAGE RD. ERWIN, NC 28339
COUNTY: HARNETT

Raleigh/Durham, NC
182 West Hamlin Road
Benson, NC 27504
(811) 261-3482
www.schumacherhomes.com

SCHUMACHER HOMES



Barnes - Beverly A

DATE:	9/3/2021	COMPANY:	Schumacher Homes
VITRUVIUS BUILD:	StruCalc	DESIGNED BY:	Dan Fishtorn
CUSTOMER:	Barnes DU700 021 0840	REVIEWED BY:	Dan Fishtorn
PROJ. ADDRESS:	--	PROJECT NAME:	Barnes DU700 021 0840
LEVEL:	Main Floor	LOADING:	LRFD
MEMBER NAME:	Garage Door Header	CODE:	2018 International Building Code
MEMBER TYPE:	FLOOR BEAM	NDS:	2018 NDS
MATERIAL:	Structural Composite Lumber		
Louisiana Pacific	2.0E LVL	(2) 1.75 X 14	DRY

Garage Door Header DIAGRAM



BEAM PROPERTIES

Start (ft): 0 End (ft): 16 Member Slope: 0/12 Actual Length (ft): 16

Area	Ix	Iy	BSW	Lams	Cfn	Kcr
(in ²)	(in ⁴)	(in ⁴)	(lbf/ft)			Creep Factor
49	800.33	12.51	13.95	2	9	1

STRENGTH PROPERTIES

	Fb (psi)	Ft (psi)	Fv (psi)	Fc (psi)	Fc⊥ (psi)	E (psi) x10 ³	Emin (psi) x10 ³
Base Values	2900	1800	285	3200	750	2000	1000
Adjusted Values	6261	3888	616	6912	1127	2000	1496
K _F *φ	2.16	2.16	2.16	2.16	1.5	1	1.5
C _M	1	1	1	1	1	1	1
C _T	1	1	1	1	1	1	1
Bending Adjustment Factors	C _V = 0.98C _r = 1 Volume factor is applied on a load combination basis And is Not reflected in the adjusted values						

BEAM DATA

Span	Length (ft)	Unbraced Length (ft)		Beam End				
		Top	Bottom	Elev. Diff (ft)	CL(Top)	CL(Bottom)	CL(Left)	CL(Right)
1	16	0	16	0	1.00	0.25	1.00	1.00

PASS-FAIL

	PASS/FAIL	MAGNITUDE	STRENGTH	LOCATION (ft)	LOAD COMBO	TIME EFFECT λ
Shear Stress Y (psi)	PASS (85.2%)	72.7	492.5	0	1.2D+1.6L+0.5Lr	0.8
Bending Stress Y (psi)	PASS (79.8%)	996.6	4923.8	8	1.2D+1.6L+0.5Lr	0.8
Deflection (in)	PASS (63.7%)	0.193 (=L/993)	0.533 (=L/360)	8	D+L	
Bearing Stress (psi)	PASS (89.1%)	123.3	1127.3	0	1.2D+1.6L+0.5Lr	0.8

REACTIONS

Units for V: lbf Units for M: lbf-ft

Y axis	DEAD	LIVE	LIVE ROOF	SNOW	WIND +	WIND -	SEISMIC +	SEISMIC -	ICE	RAIN	EARTH
A	784	896	0	0	0	0	0	0	0	0	0
B	784	896	0	0	0	0	0	0	0	0	0

Reaction Location

A

B

LOAD LIST

Type	Left Magnitude	Right Magnitude	Load Start (ft)	Load End (ft)	Load Type	Direction
Uniform (lbf/ft)	112	112	0	16	Live	Y
Uniform (lbf/ft)	84	84	0	16	Dead	Y
Self Weight (lbf/ft)	13.95	13.95	0	16	Dead	Y