

LATERAL BRACING & SHEAR WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:

115 MPH WIND IN 2020 InRC MAP

(115 MPH WIND SPEED IN ASCE 7-16 WIND MAP, PER IRC R301.2.1.1) EXP. B, RISK CAT. 2 & SEISMIC CAT. A/B.

THE DESIGN WAS COMPLETED PER 2018 IBC (SECTION 1609) & ASCE 7-16, AS PERMITTED BY R301.1.3 OF THE 2020 INRC, OR THE SIMPLIFIED PRESCRIPTIVE PROCEDURE IN ACCORDANCE WITH THE 2020 INRC IF THE PARAMETERS OF SECTION R602.12 COMPLY. ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN, IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES.

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD:
 FASTEN SHEATHING W/ 2-3/8"x0.113 NAILS @ 6"
 O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD.
 (TYP, U.N.O.)
- ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUDS) AND INSTALLED FULL HEIGHT OF SHEAR WALL OR -2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE FASTENING.
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT. STAPLE CONNECTION SPEC: 1-3/4" 16 GA STAPLES (7/16" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C IN FIELD.

3" O.C. EDGE NAILING

• AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W/ 2-3/8"x0, 113" NAILS @ 3" o.c. AND 12" o.c. IN THE PANEL FIELD. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUD) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

NOTES

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN, IT WILL BE SPECIFICALLY NOTED ON PLAN.
- DESIGN ASSUMES 16" O.C MAX. STUD SPACING, U.N.O.
- ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.
- PRE-MANUFACTURED PANELIZED WALLS:
 ALL SHEATHED (OSB OR PLYWOOD) PANELIZED
 WALLS SHALL BE FASTENED TOGETHER AT END STUDS
 WITH 0.131x3" NAILS AT 4" O.C. (VERTICALLY)
 THROUGH ONE SIDE. WHEN SIDE NAILING OF
 PANELIZED WALLS IS NOT POSSIBLE, FASTEN PANELS
 TOGETHER WITH 0.162x3.5" TOENAILS AT 4" O.C.
 (VERTICALLY). ALL NON-SHEATHED PANELIZED
 WALLS SHALL BE FASTENED TOGETHER WITH 0.131x3"
 NAILS AT 16" O.C. (VERTICALLY) THROUGH ONE SIDE.

NDICATES EXTENT OF INT. OSB SHEARWALL AND/OR 3" O.C. EDGE NAILING

► INDICATES HOLDOWN

* INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB

CONNECTION SPECIFICATIONS (TYP. U.N.O.)

General Notes

NOTE: 10d NAIL = 3" x 0.131" GUN NAIL			
JOIST TO SOLE PLATE	(3) 10d TOENAILS		
SOLE PLATE TO JOIST/BLK'G.	10d NAILS @ 6" o.c.		
STUD TO SOLE PLATE	(3) 10d TOENAILS		
TOP OR SOLE PLATE TO STUD	(3)10d NAILS		
RIM TO TOP PLATE	10d TOENAILS @ 6" o.c.		
BLK'G. BTWN. JOISTS TO TOP PL.	(3) 10d TOENAILS		
RAFTER/TRUSS TO TOP PLATE	(3) 10d TOENAILS + (1) SIMPSON H2.5A		
GAB. END TRUSS TO DBL. TOP PL.	10d TOENAILS @ 8" o.c.		
R.T. w/ HEEL HT. 9 ¼" TO 12"	2x10 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.		
R.T. w/ HEEL HT. 12" TO 16"	2x12 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE W/ 10d TOENAILS @ 6" O.C.		
R.T. w/ HEEL HT. UP TO 24"	LAP WALL SHTG. W/ DBL. TOP PL. & INSTALL ON TRUSS VERT FASTEN W/ 8d NAILS @ 6" O.C.		
R.T. w/ HEEL HT. 24" TO 48"	LAP WALL SHTG. W/ DBL. TOP PL. & INSTALL ON TRUSS VERT FASTEN W/ 8d NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT TOP OF HEEL		
DOUBLE STUD	10d NAILS @ 24" o.c.		
DOUBLE TOP PLATE	10d NAILS @ 24" o.c.		
DOUBLE TOP PLATE LAP SPLICE	(10)10d NAILS IN LAPPED AREA		
TOP PLATE LAP @ CORNERS & INTERSECTING WALLS	(2)10d NAILS		
WALL TO FOUNDATION	WALL SHTG. LAP W/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC.		

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ASH LAWN

Series: | Plan No.:

Std. Chk. By: ARC Std. Date: 9-16-13

Std. Chk. By: 9-16-13

Std. Date: 9-16-13

Date of Last Rev: 01/03/22 WJS
 Contract Drawn By:
 DWG_BY
 OFF

 Phone #:
 DWG_PH
 Eff

 Coordinator's Name:
 COORD_NM

 Coordinator's Phone #:
 COORD_PH

Ash Lawn - CDs [Elev] - MWR.dwg Sep 05, 2023 - 12:53p

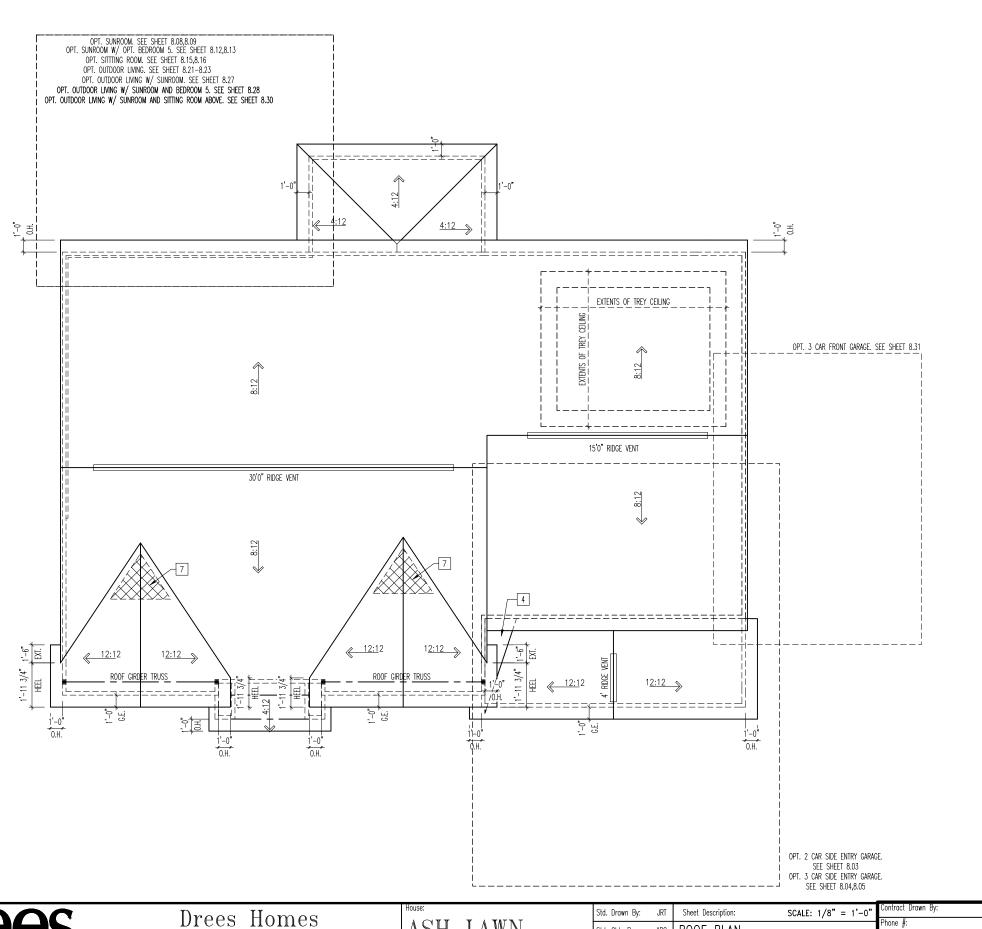
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 Subdivision:
 SUB_NM
 Sheet No.

 Iob #:
 JOB_NM
 2.02

 Customer Name:
 CUS_NM
 STRUCTURE

 Job Address:
 JOB_AD



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HEEL CUT STANDARDS 2'-0" 4:12 3-3/4" 7-3/4" 5:12 4-3/4" 9-3/4" 6:12 5-3/4" 11-3/4" 7:12 6-3/4" 13-3/4" 8:12 7-3/4" N/A 9:12 N/A 10:12 9-3/4" N/A 12:12 11-3/4" N/A 14:12 13-3/4" N/A

General Notes

- REFER TO SHEET ON.1 FOR GENERAL NOTES. - ROOFING PER SPECIFICATIONS

TRUSS MANUFACTURER TO VERIFY THE FOLLOWING:

(REFER TO SHEETS 2.01F AND/OR 2.02F)

1) DO NOT LOCATE ROOF TRUSSES ABOVE PARALLEL PLUMBING WALLS
OR KITCHEN HOOD WALLS

2) DO NOT LOCATE ROOF TRUSSES ABOVE HVAC CHASES (OR LEAVE
A MIN. 22-1/2" WIDE CLEAR SPACE OVER CHASE)

Key Notes

1 | 1 | -

2

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SADDLE. MIN. 4:12 PITCH, EXTEND SADDLE 18" PAST FRONT ELEVATION FACE

5

6

7 NO ROOF DECKING IN THIS AREA TO ALLOW FOR PROPER ATTIC VENTILATION

CONNECTION SPECIFICATIONS (TYP. U.N.O.)

NOTE: 10d NAIL = 3" x 0.131" GUN NAIL			
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SOLE PLATE TO JOIST/BLK'G.	10d NAILS @ 6" o.c.		
STUD TO SOLE PLATE	(3)10d TOENAILS		
TOP OR SOLE PLATE TO STUD	(3)10d NAILS		
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RAFTER/TRUSS TO TOP PLATE	(3)10d TOENAILS + (1) SIMPSON H2.5A		
GAB. END TRUSS TO DBL. TOP PL.	10d TOENAILS @ 8" o.c.		
R.T. w/ HEEL HT. 9 1/4" TO 12"	2x10 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.		
R.T. w/ HEEL HT. 12" TO 16"	2x12 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.		
R.T. w/ HEEL HT. UP TO 24"	LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT FASTEN w/ 8d NAILS @ 6" O.C.		
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WALL TO FOUNDATION	WALL SHTG. LAP W/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC.		

Sheet No.

SUB_NM

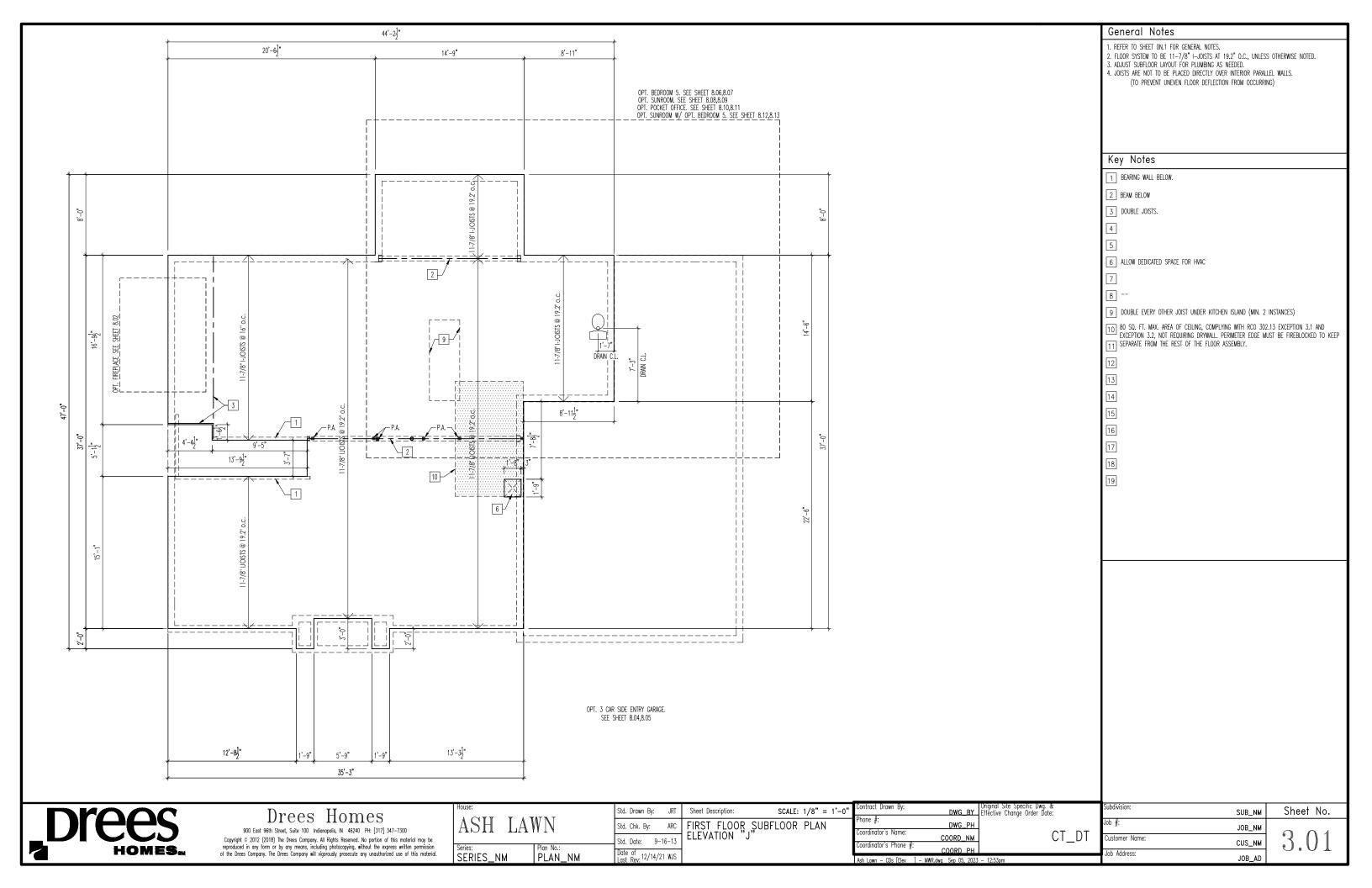
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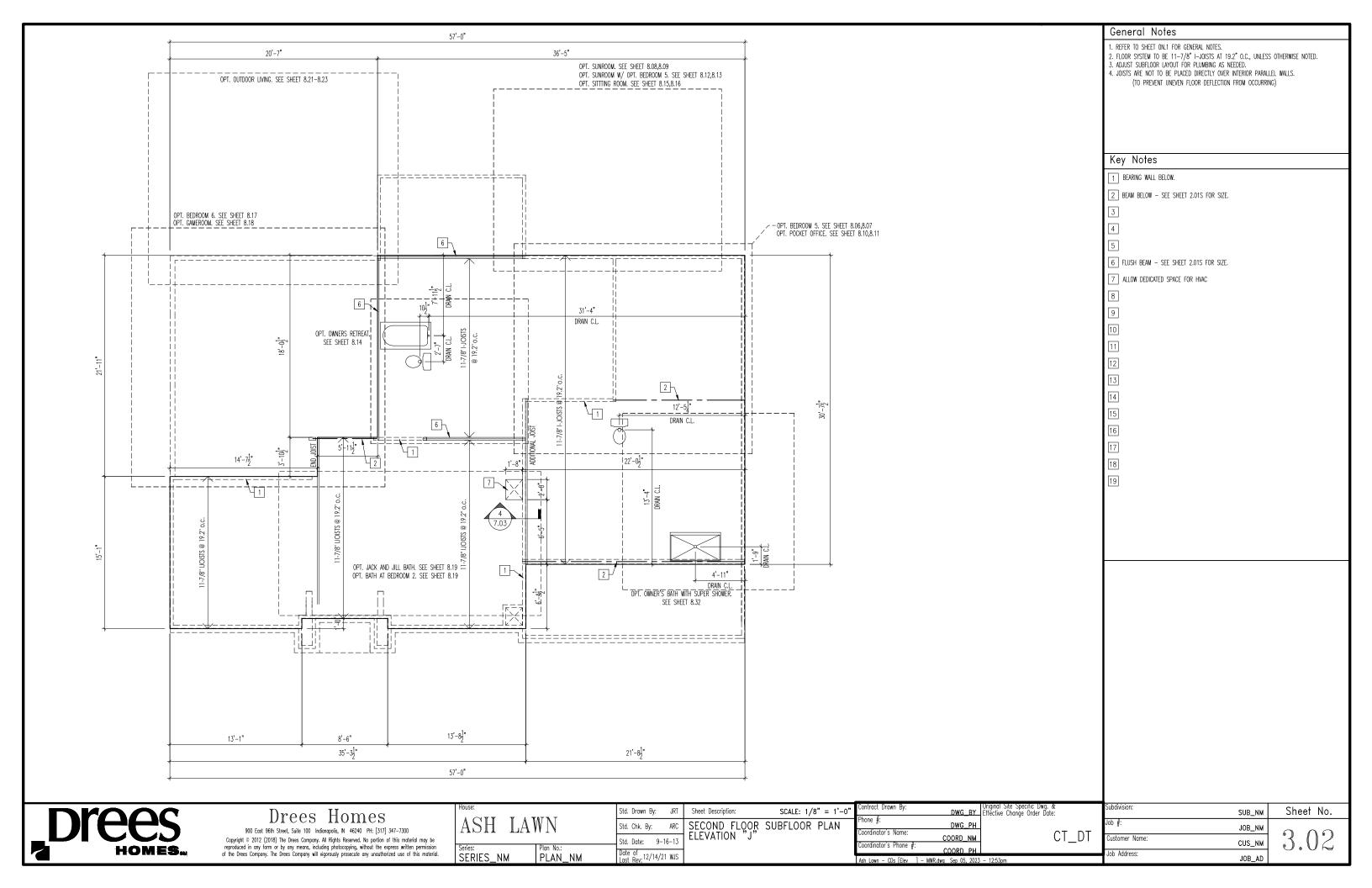
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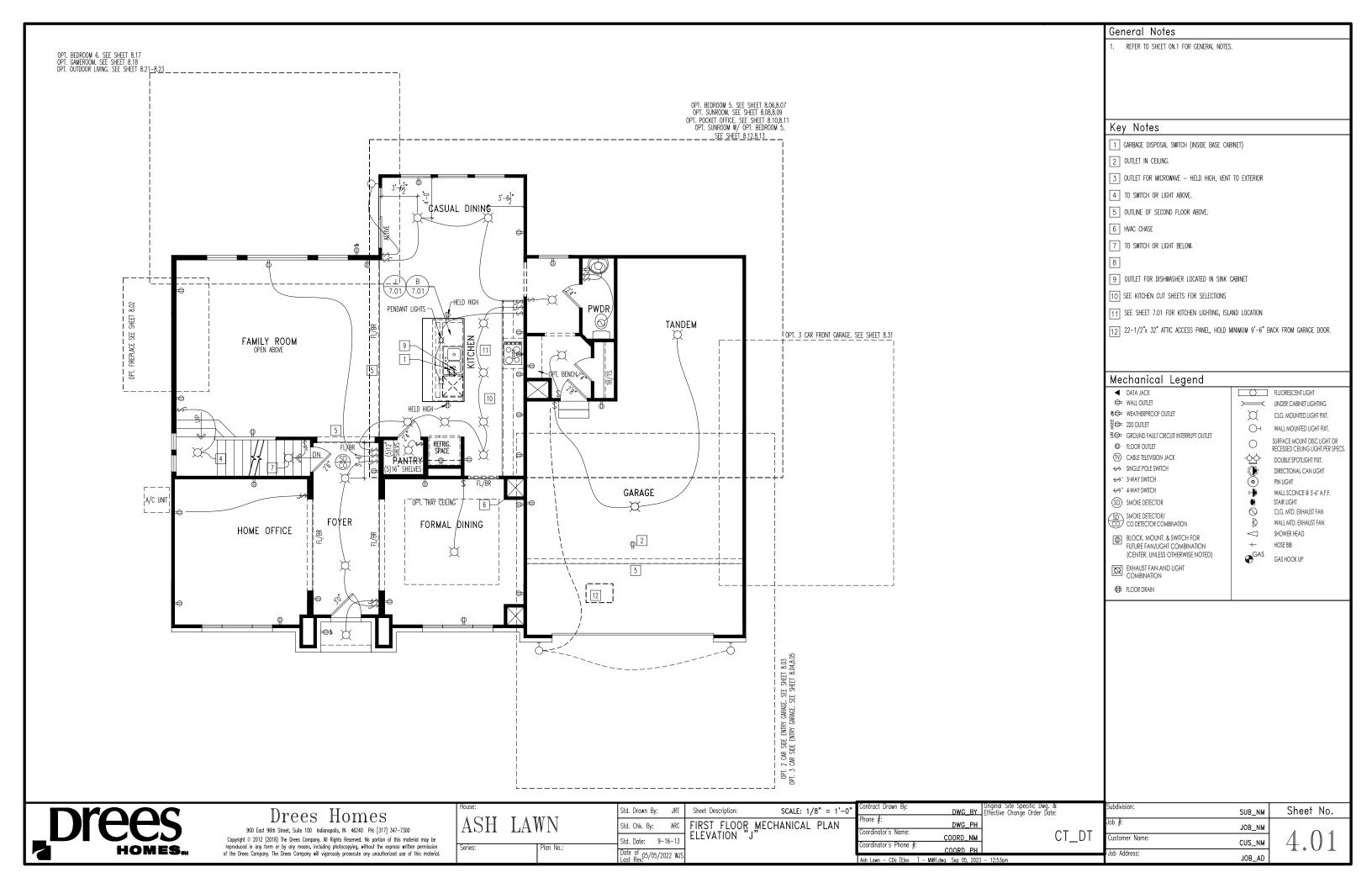
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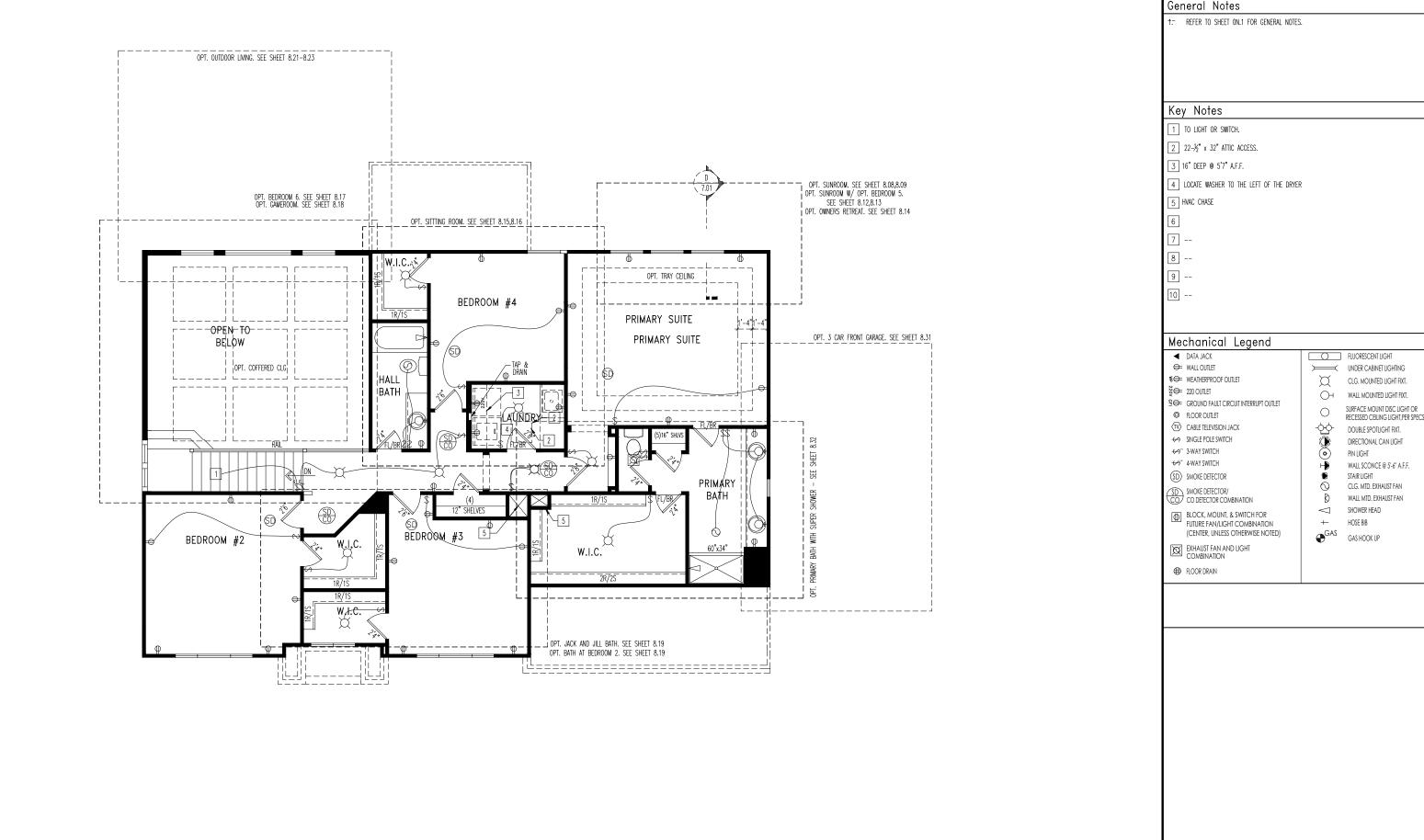
House:

Std. Drawn By: JRT | Sheet Description: SCALE: 1/8" = 1'-0" | Contract Drawn By: DWG_BY | Effective Change Order Date: | Job #: Coordinator's Name: COORD_NM | Coordinator's Phone #: COORD_NM | Coordinat









Std. Drawn By:

Subdivision: Sheet No. SUB_NM JOB_NM CUS_NM JOB_AD

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SECOND FLOOR MECHANICAL PLAN ELEVATION "J" ARC Std. Date: 9-16-13 Date of Last Rev: 01/03/22 WJS

Sheet Description:

Coordinator's Name Coordinator's Phone #

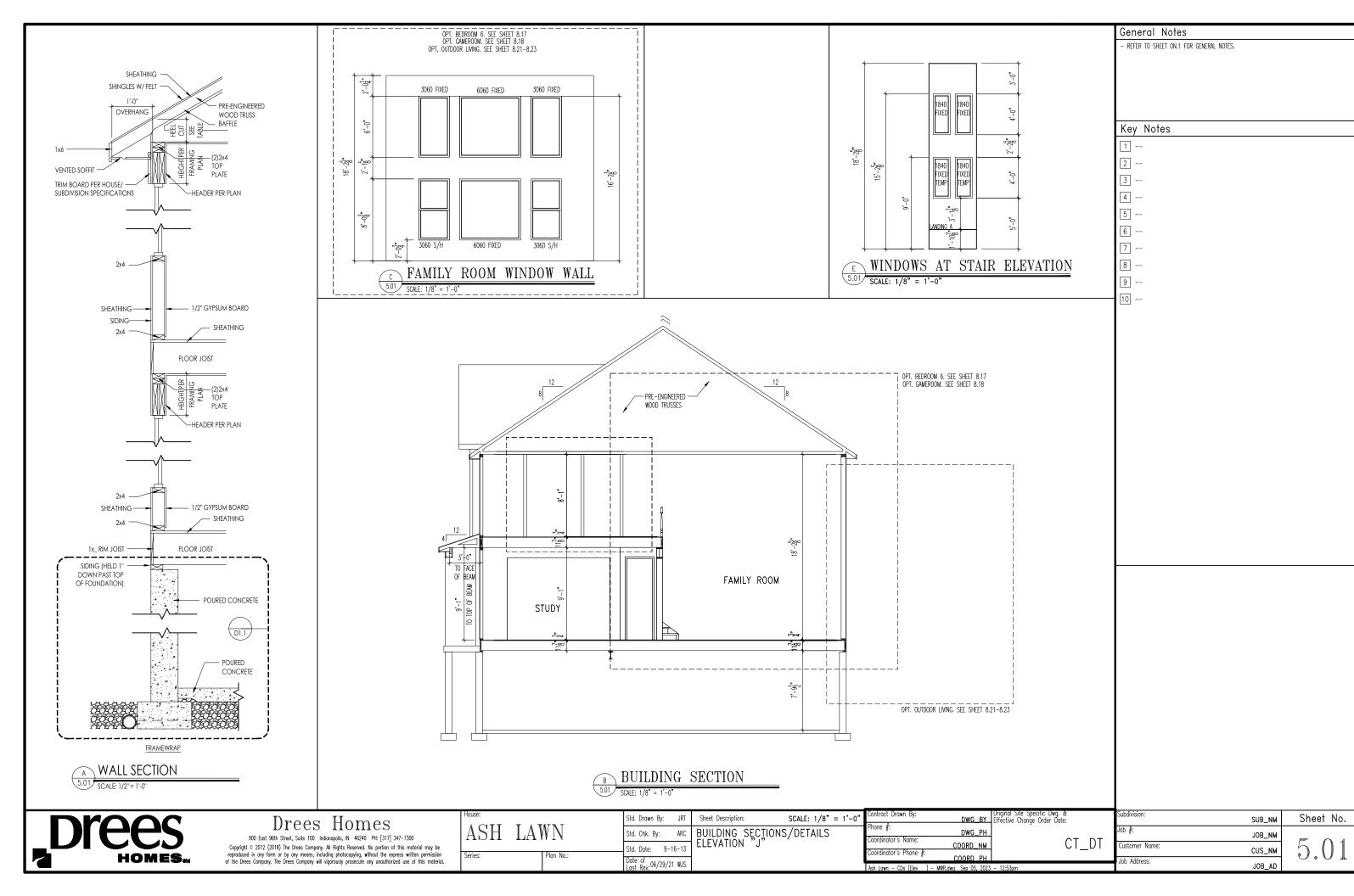
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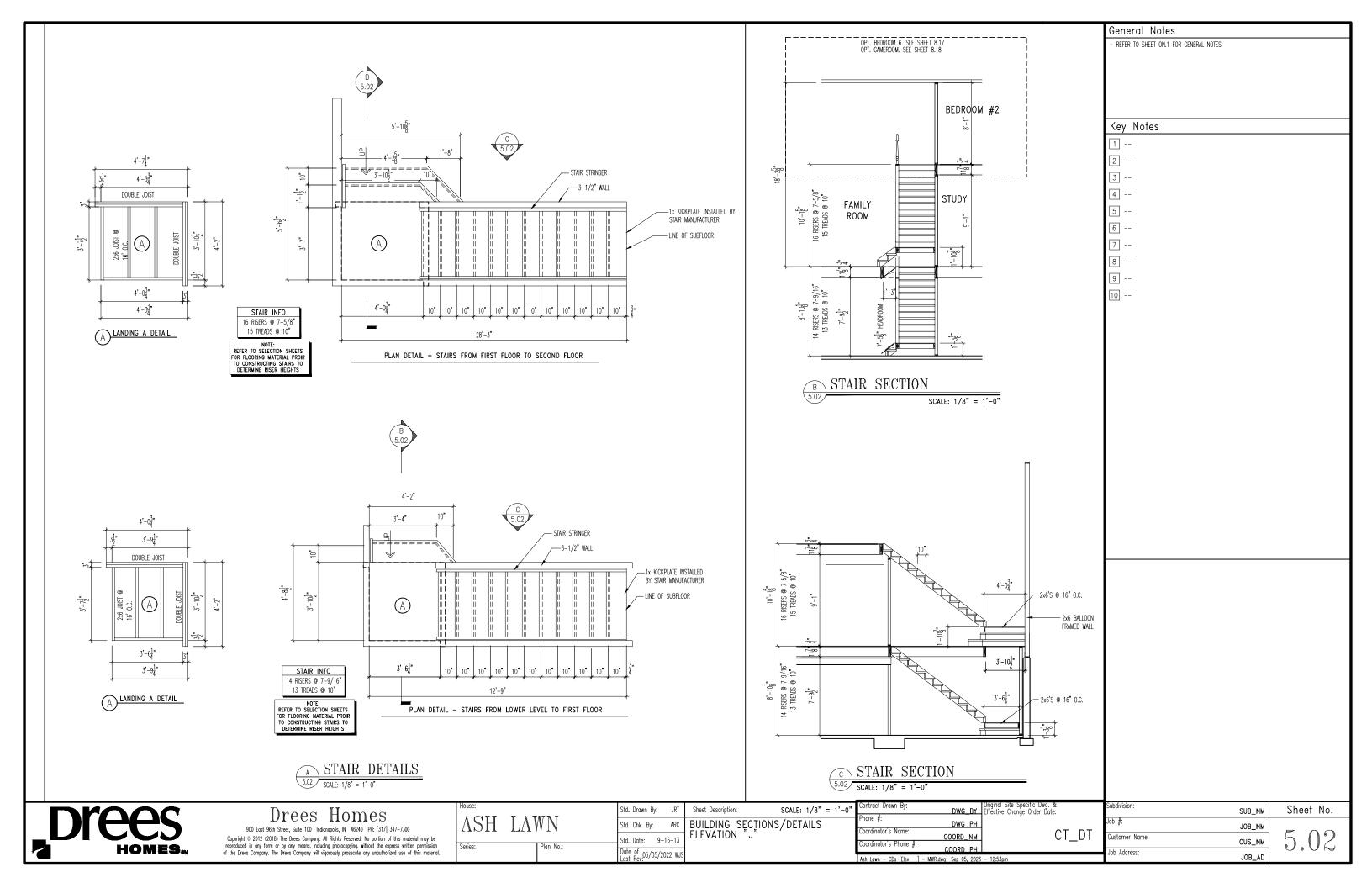
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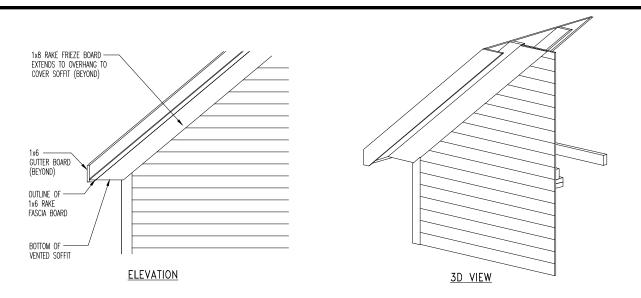
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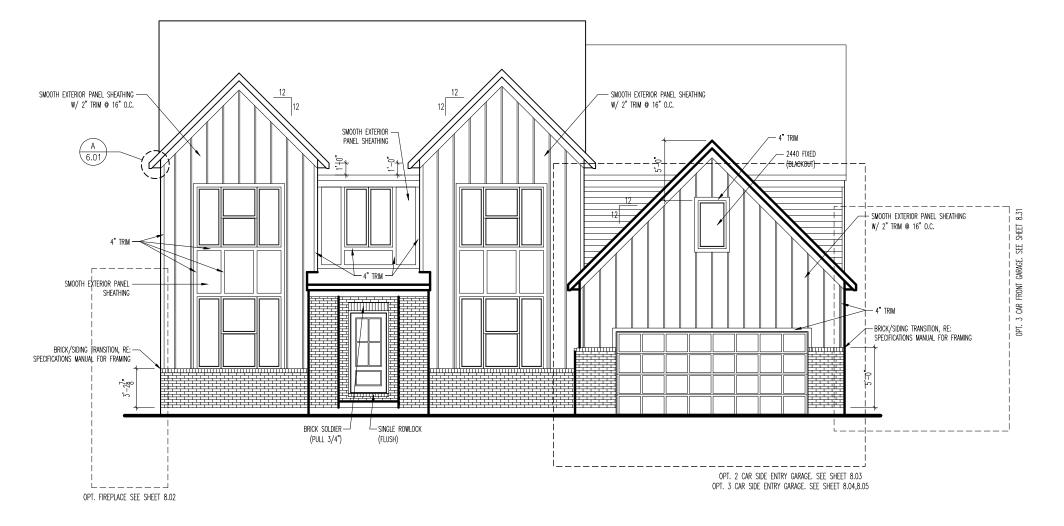
Customer Name: Job Address:







RAFTER TAIL OVERHANG DETAIL



General Notes

TYPICAL TRIM:

6" FASCIA

(ALL SIDES) 8" FRIEZE (FRONT ONLY, UNLESS OTHERWISE NOTED) - REFER TO SHEET ON.1 FOR GENERAL NOTES. - ROOFING PER SPECIFICATIONS

Key Notes

- 4 --
- 5 ---
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- 10 --

BRICK and STONE LINTEL SCHEDULE

	SPAN	36" HIGH	48" HIGH	LINTEL SIZE	WINDOW ABOVE
	Up to 6'-0"			L3½ x 3½ x¼	
*BRICK	Up to 8'-3"			L5 x 3½ x ¾6	
*BR	Up to 9'-3"			L6 x 4 x 5/ ₁₆	L7 x 4 x 3/8
	Up to 16'-3"	L7 x 4 x 3/8	L8 x 4 x ½	L8 x 4 x 1/2	**per Design
	Up to 6'-0"			L4 x 3 ½ x ¼	
*STONE	Up to 8'-3"			L5 x 3½ x 51/6	
	Up to 9'-3"		L6 x 4 x 3/8	L7 x 4 x 3/8	**per Design
	Up to 16'-3"		L8 x 4 x ⅓	**per Design	**per Design

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House:		Std. Drawn By: JRT
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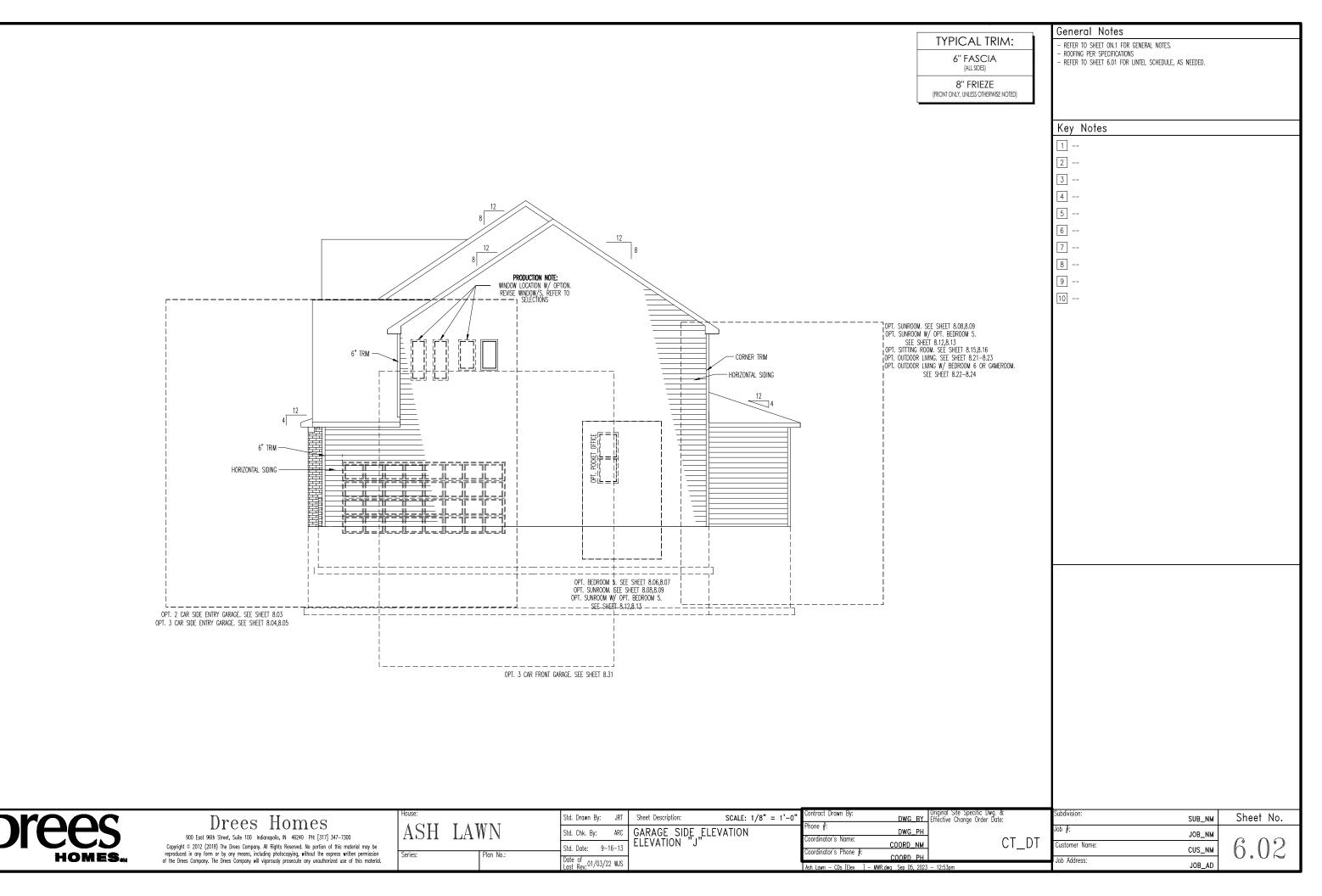
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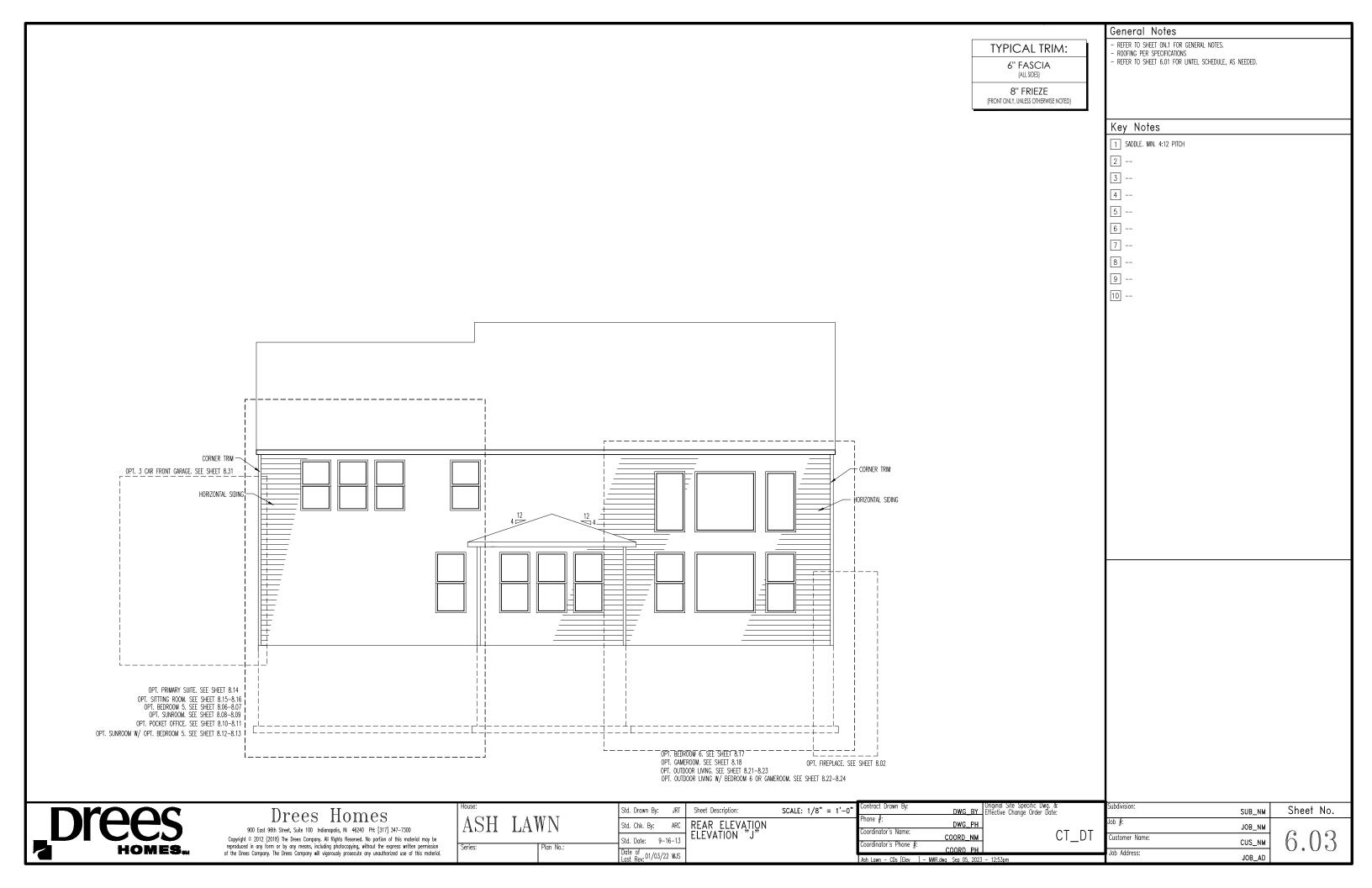
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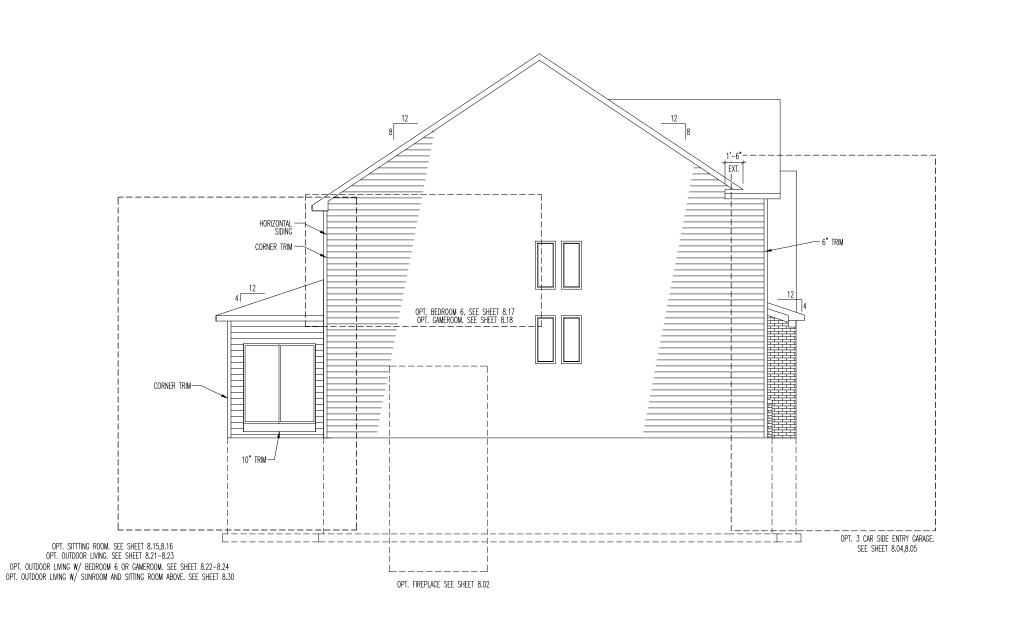
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Sheet No.

All Lintels: 4" Minimum bearing required each end * Brick is based on 40pst and Stone is based on 60pst ** Any lintels not described by the above parameters shall be specifically designed.







TYPICAL TRIM:

6" FASCIA (ALL SIDES)

8" FRIEZE (FRONT ONLY, UNLESS OTHERWISE NOTED)

General Notes

- REFER TO SHEET ON.1 FOR GENERAL NOTES. - ROOFING PER SPECIFICATIONS - REFER TO SHEET 6.01 FOR LINTEL SCHEDULE, AS NEEDED.

Key Notes

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Std. Drawn By: Sheet Description: ARC SIDE ELEVATION ELEVATION "J" Std. Chk. By: Std. Date: 9-16-13 Date of Last Rev: 06/29/21 WJS

SCALE: 1/8" = 1'-0'

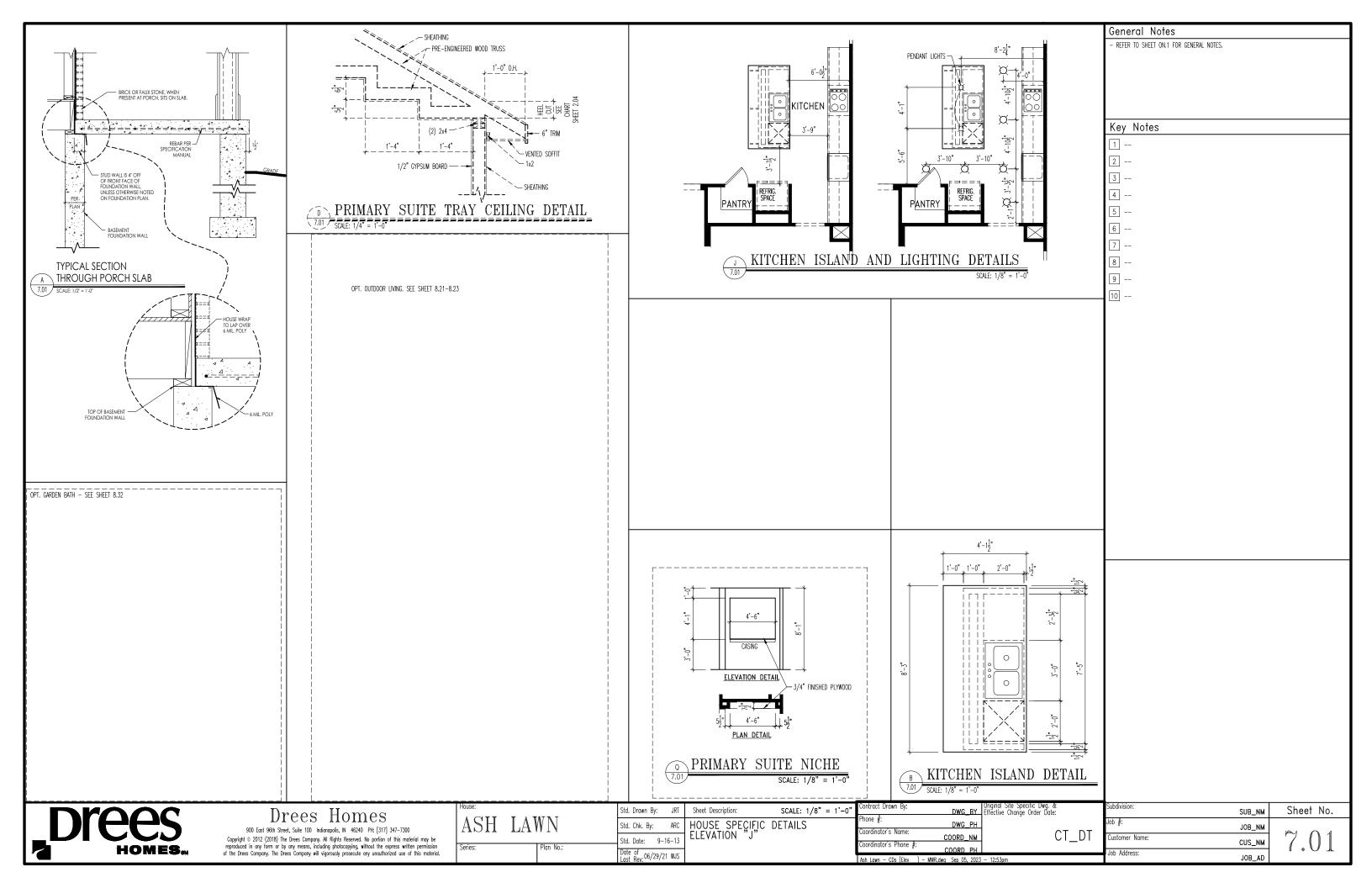
______Original Site Specific Dwg. & ______Effective Change Order Date: DWG_PH Coordinator's Name: CT_DT COORD_NM Coordinator's Phone

COORD PH

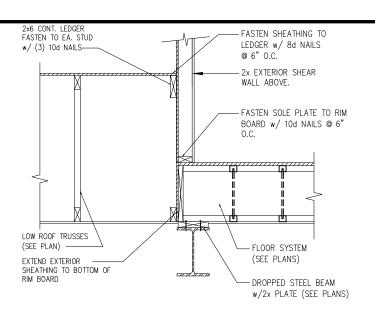
Ash Lawn - CDs [Elev] - MWR.dwg Sep 05, 2023 - 12:53pm

SUB_NM JOB_NM Customer Name: CUS_NM Job Address: JOB_AD

Sheet No.

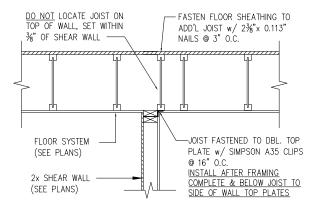


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HOMES.	Copyright © 2012 (2018) The Drees Company. All Rights Reserved. No portion of this material may be reproduced in any form or by any means, including photocopying, without the express written permission of the Drees Company. The Drees Company will vigorously prosecute any unauthorized use of this material.	Series: Plan No.:	Date of Last Rev: 06/29/21 WJS	Ash Lawn - CDs [Elev] - MWR.	COORD PH	Job Address: JOB_AD
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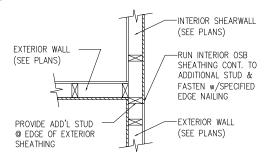


TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL

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



SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW PARALLEL FRAMING SCALE: 1/4"=1'-0"



SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL

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

SHTG. OPPOSITE FACES

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Series:	Plan No.:	Std.	Date:	9-16-1
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Sheet Description: SCALE: 1/8" = 1'-0"LATERAL BRACING DETAILS ELEVATION "J"

DWG_BY Original Site Specific Dwg. & Effective Change Order Date: DWG_PH Coordinator's Name: COORD_NM Coordinator's Phone # COORD PH

Ash Lawn - CDs [Elev] - MWR.dwg Sep 05, 2023 - 12:53pm

CT_DT

Subdivision: SUB_NM JOB_NM Customer Name: CUS_NM Job Address: JOB_AD

Sheet No.

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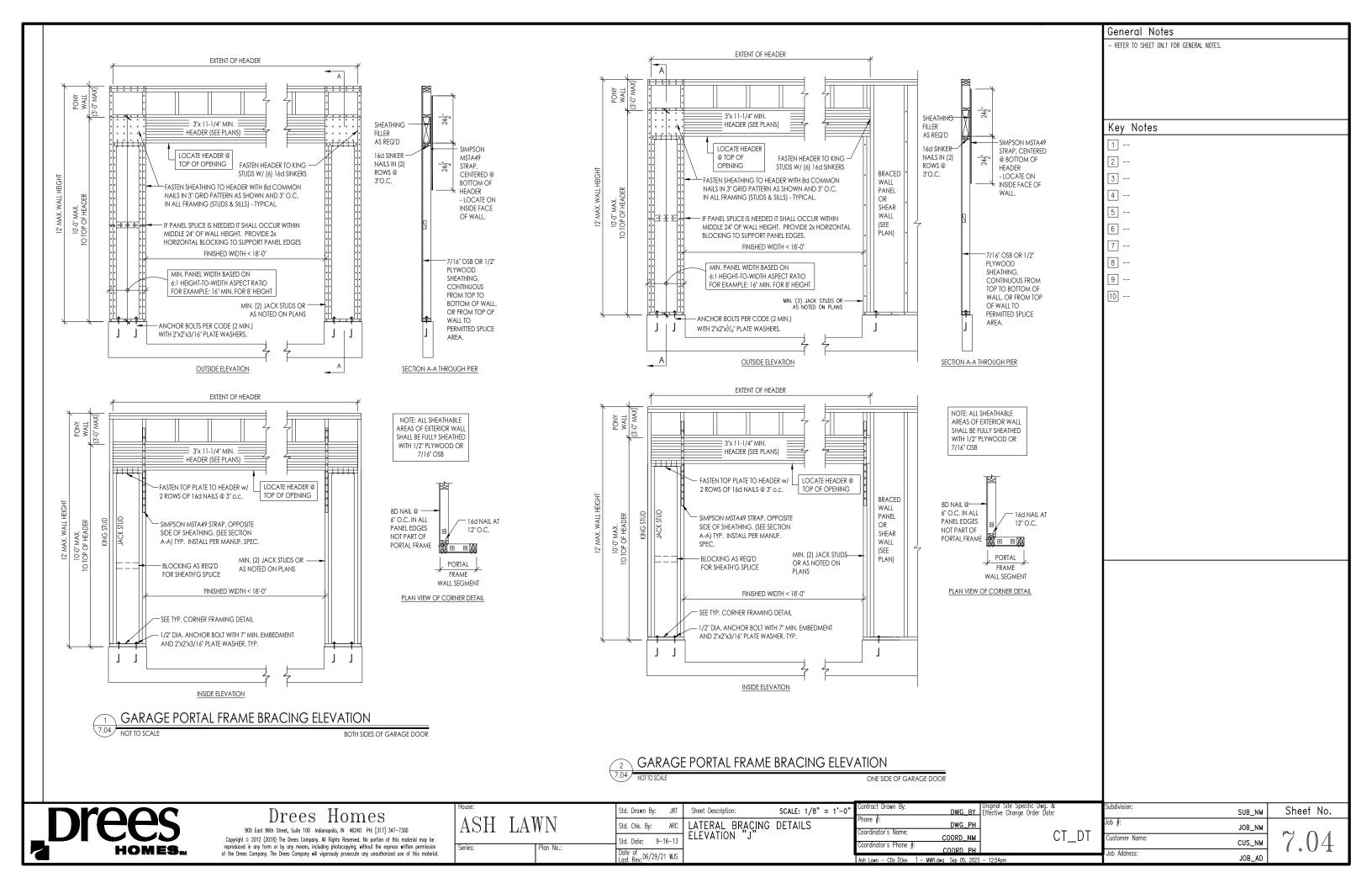
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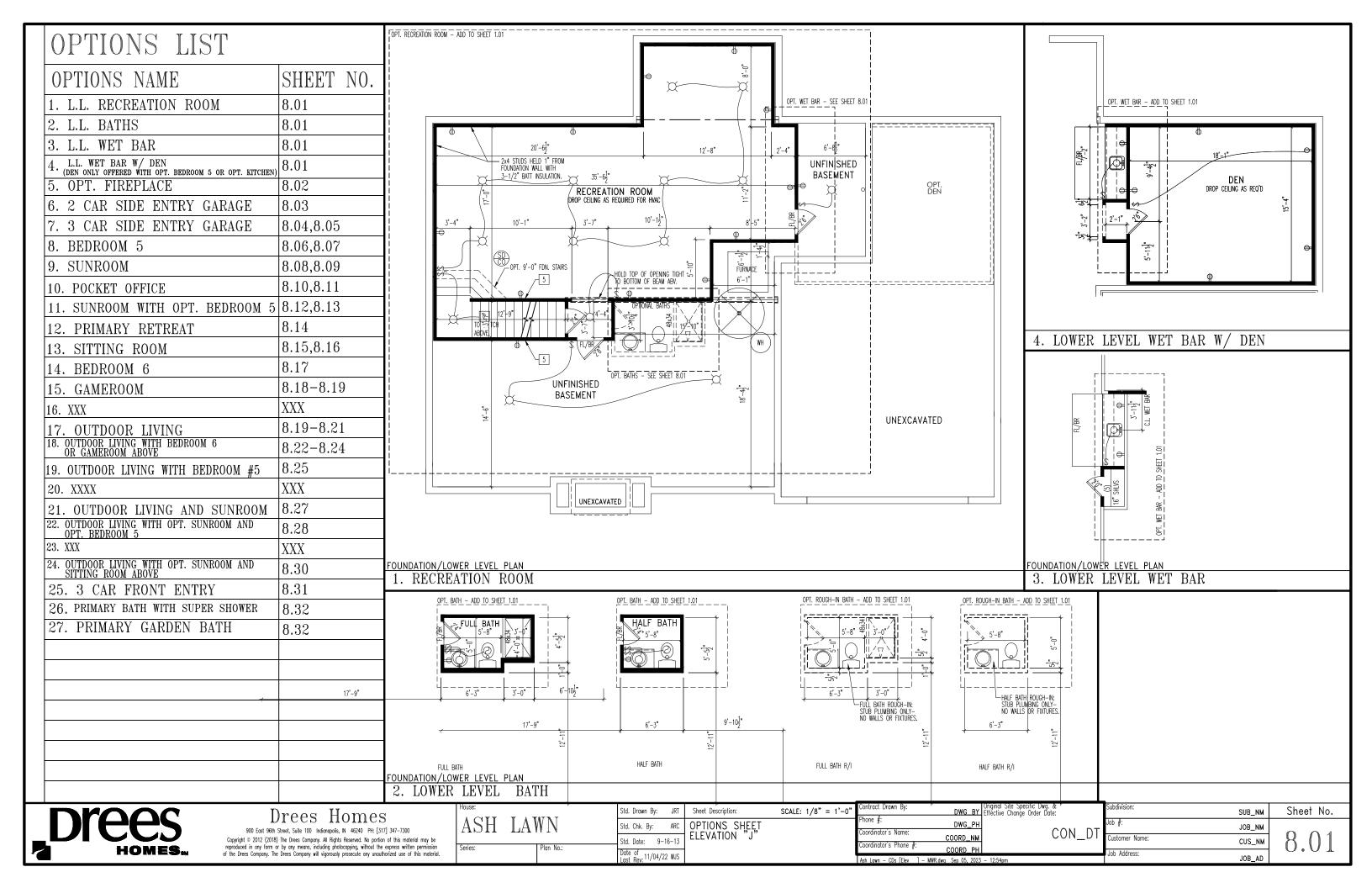
Key Notes

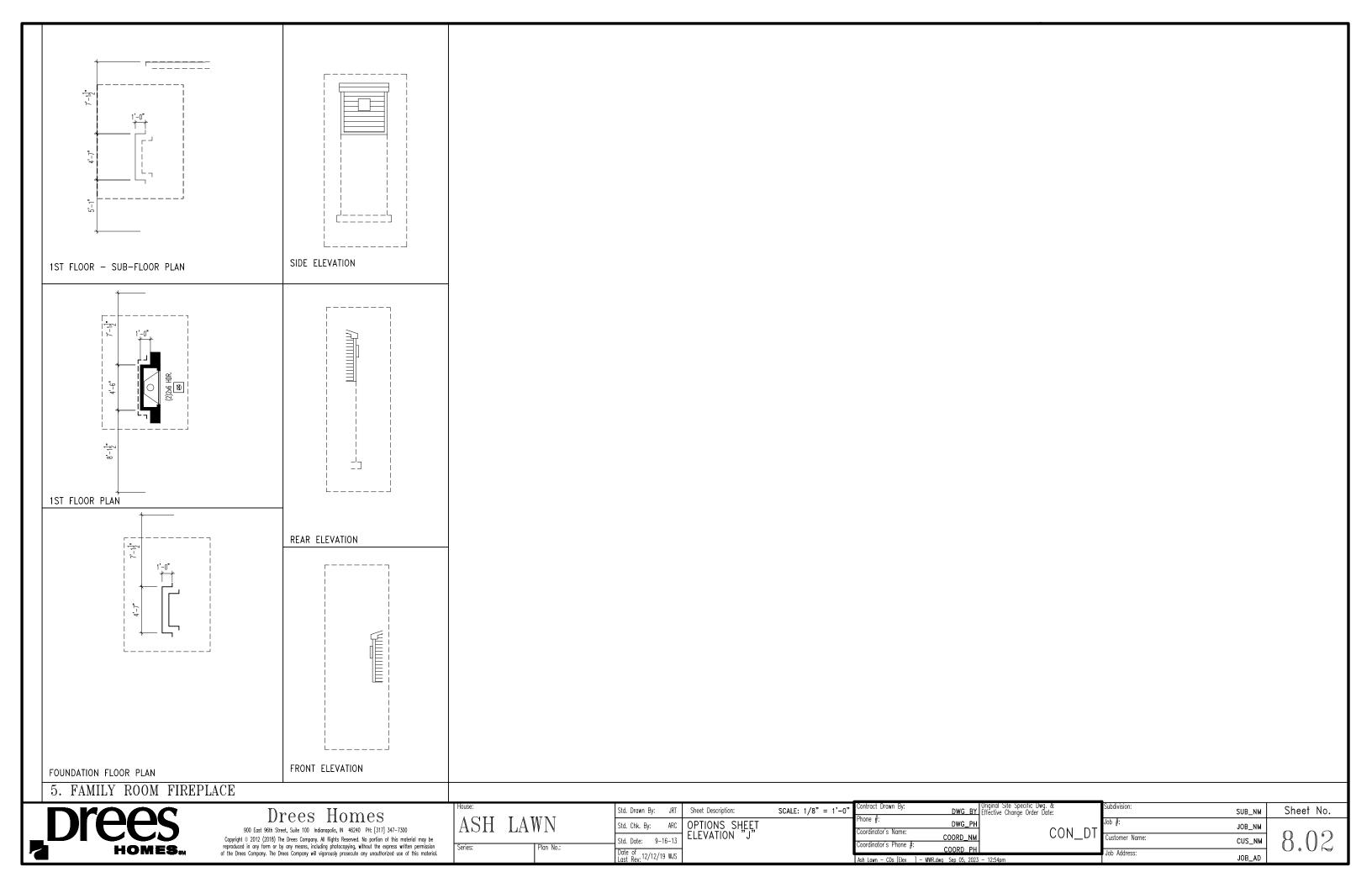
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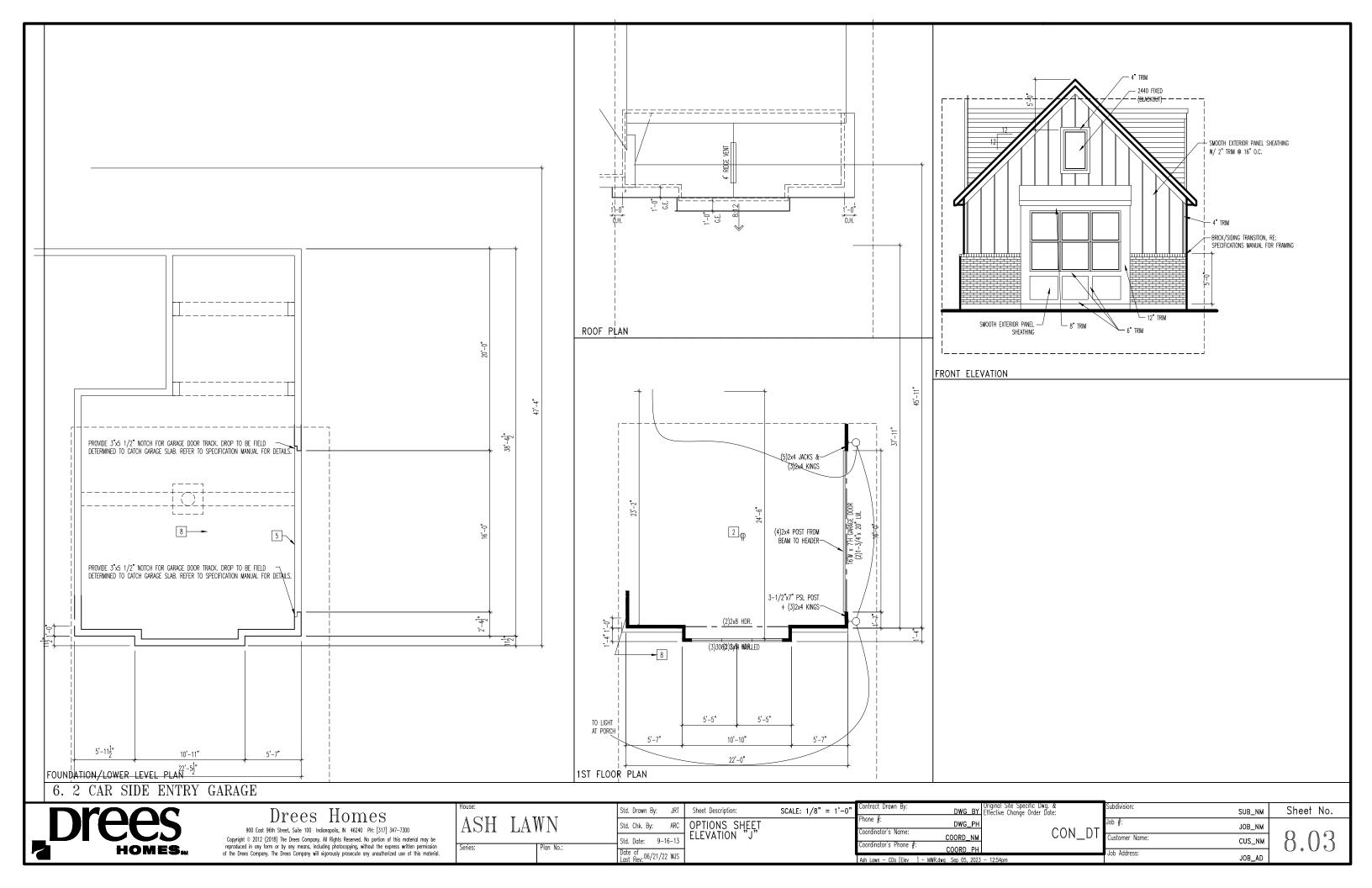
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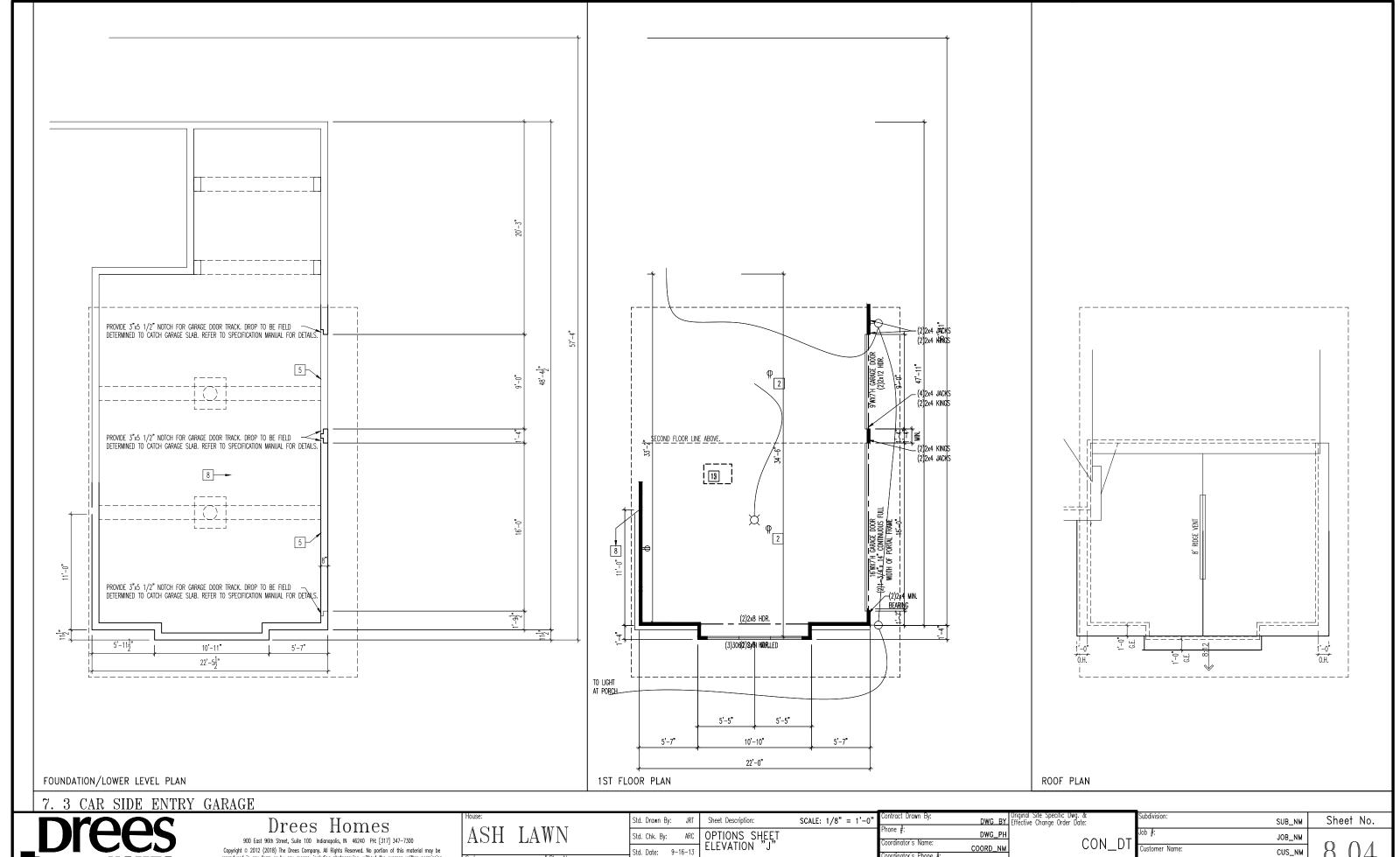
- REFER TO SHEET ON.1 FOR GENERAL NOTES.











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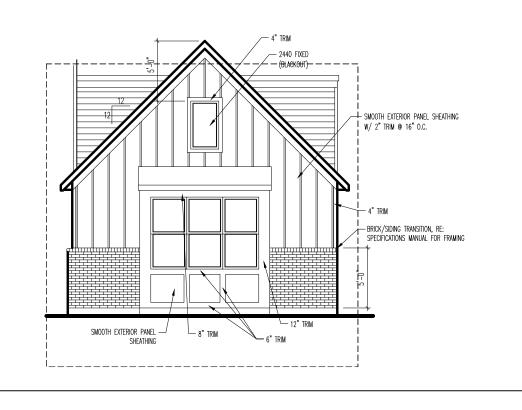
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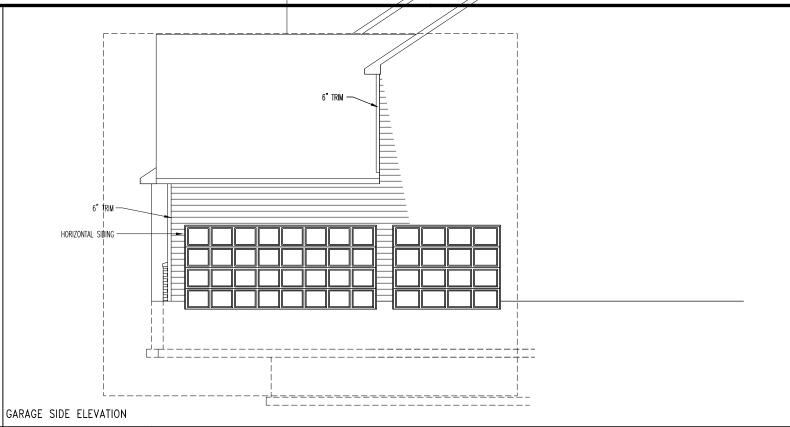
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Contract Drawn By:	DWG BY	Original Effective
Phone #:	DWG_PH	
Coordinator's Name:	COORD_NM	
Coordinator's Phone #:	COORD_PH	

CON_DT

Customer Name: CUS_NM Job Address: JOB_AD





IN TRIM

BRIDY, JOHN TRANSITION, RE:
BECCHOTIONS MANUL FOR TRANSIC

TO STORE ELEVATION

7. 3 CAR SIDE ENTRY GARAGE



FRONT ELEVATION

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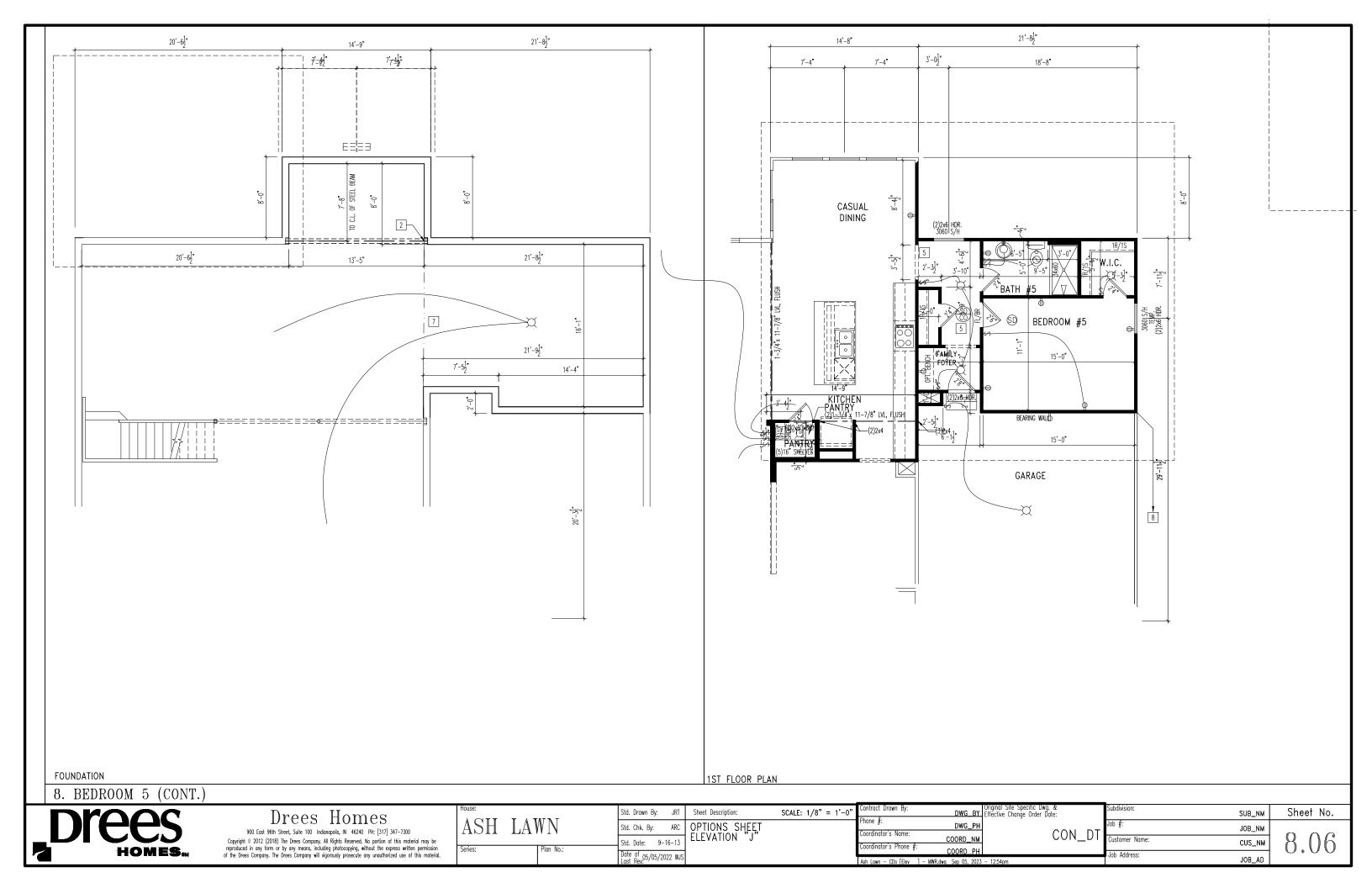
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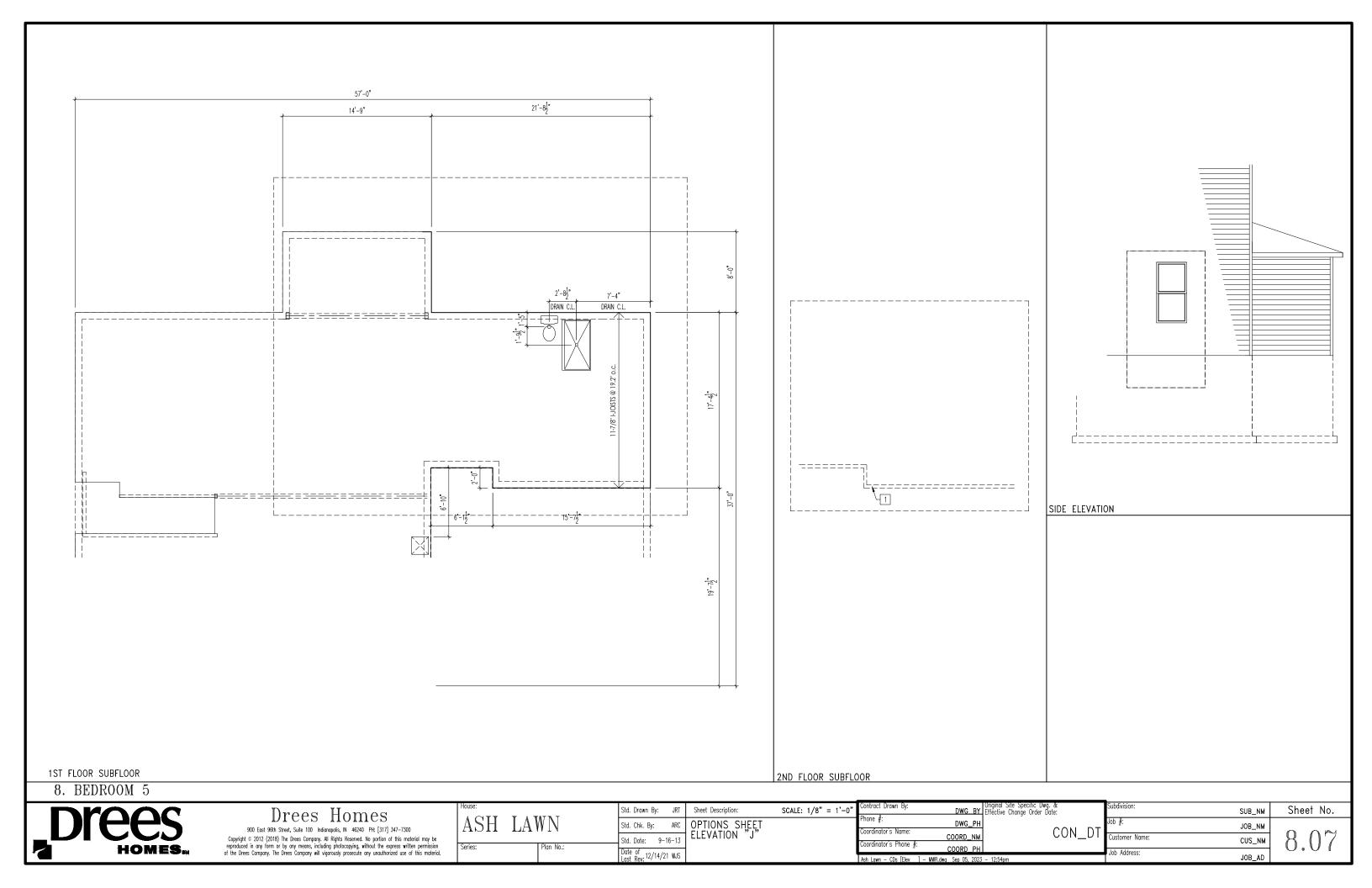
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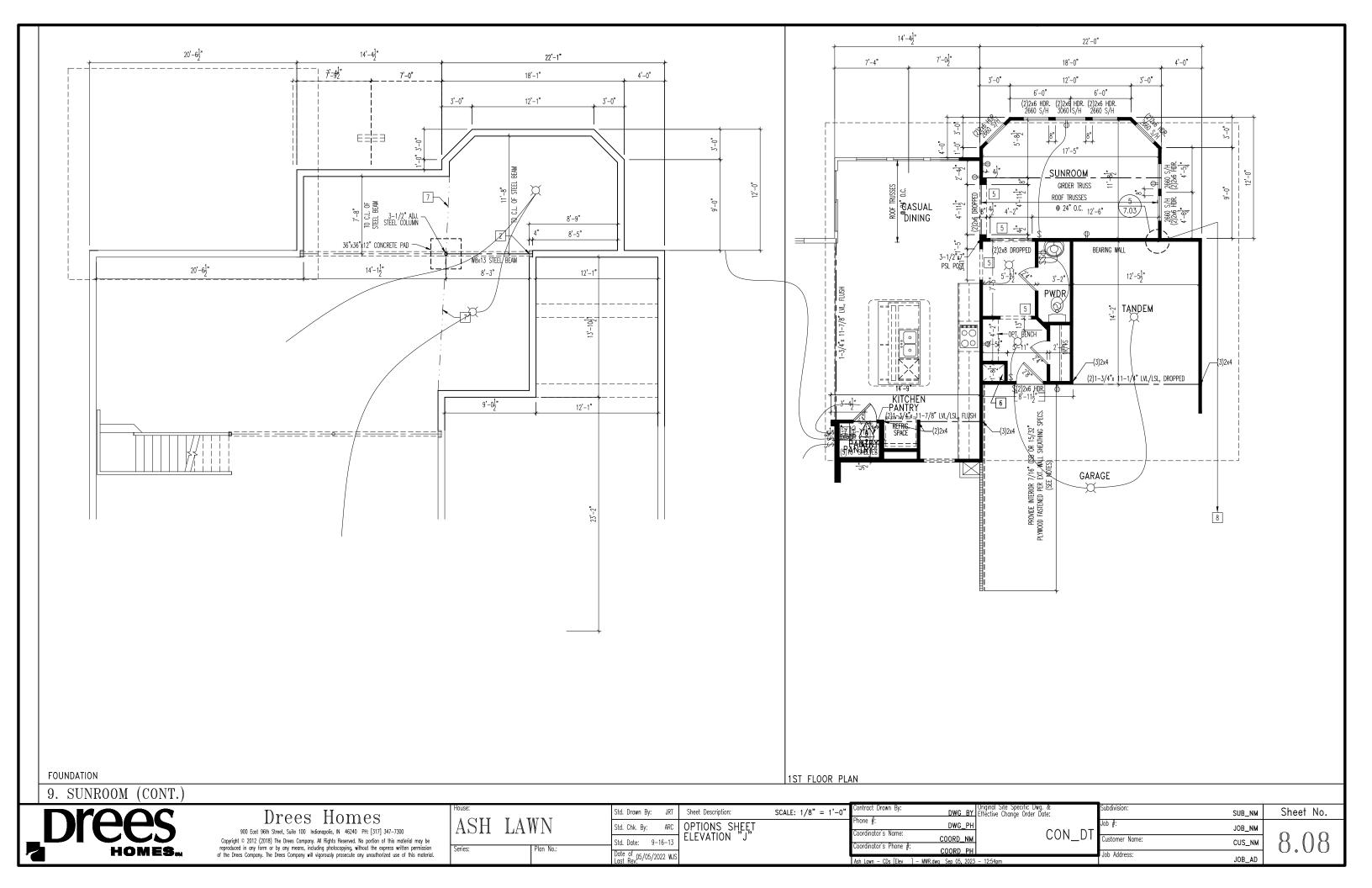
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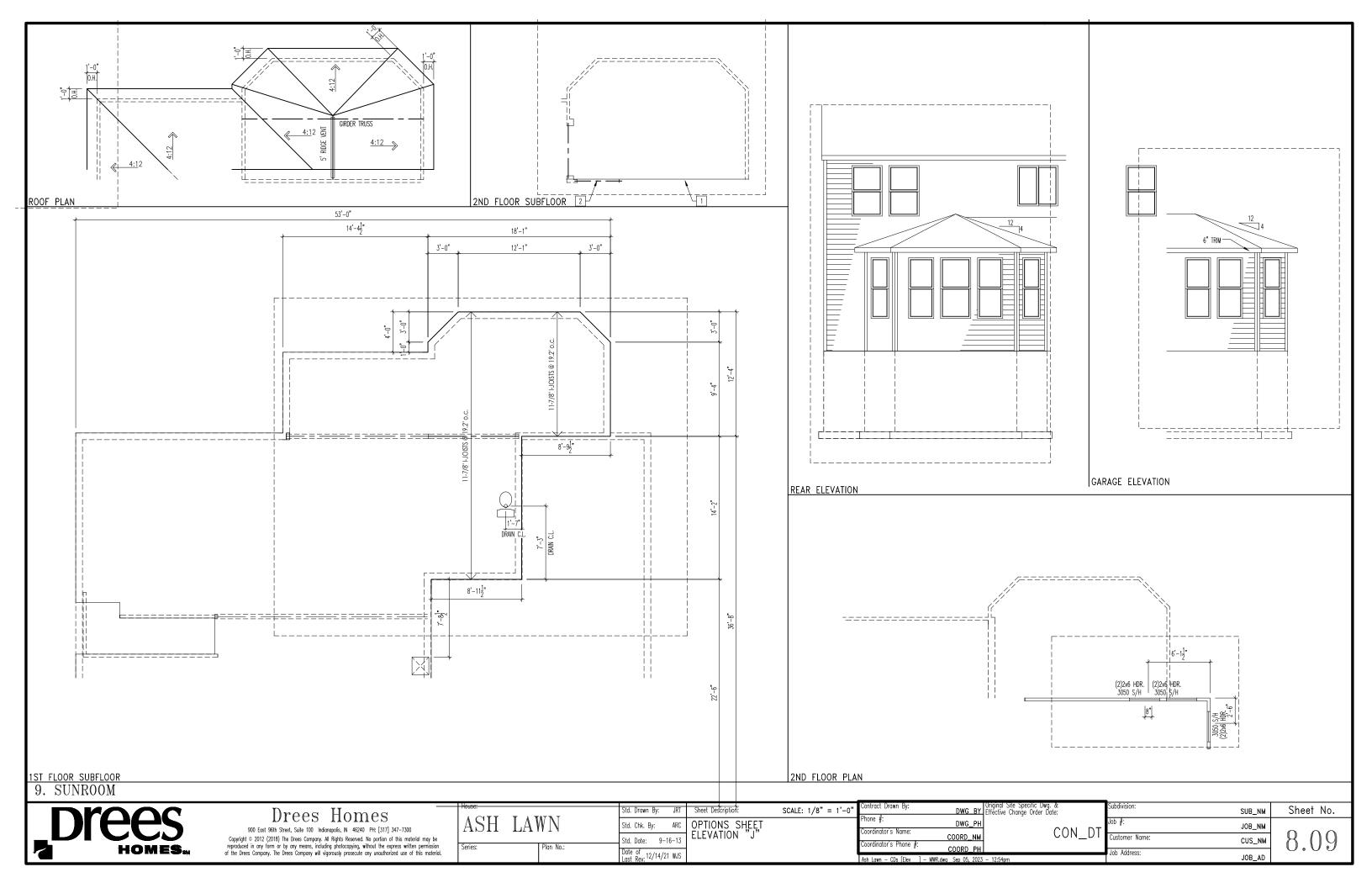
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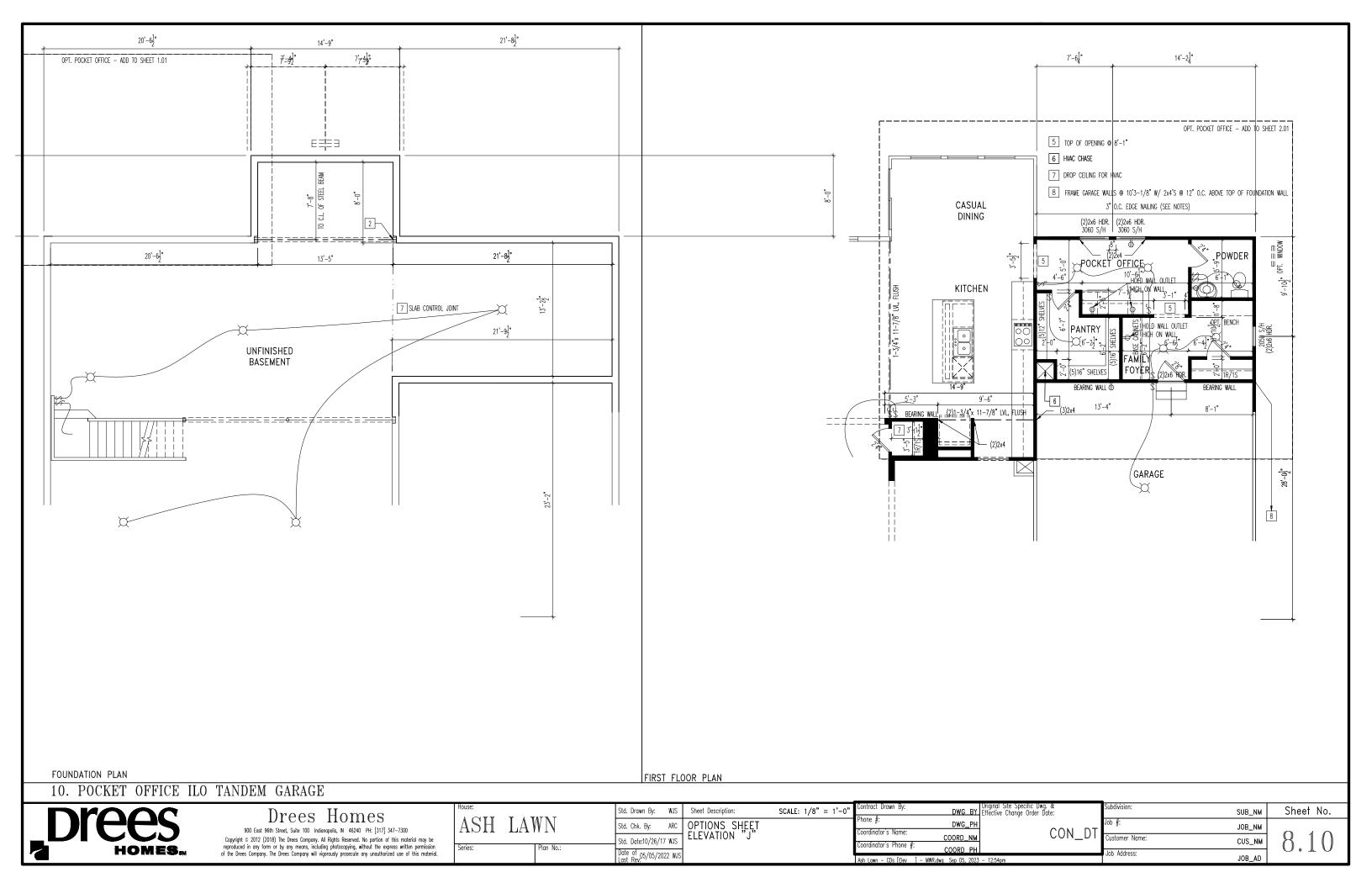
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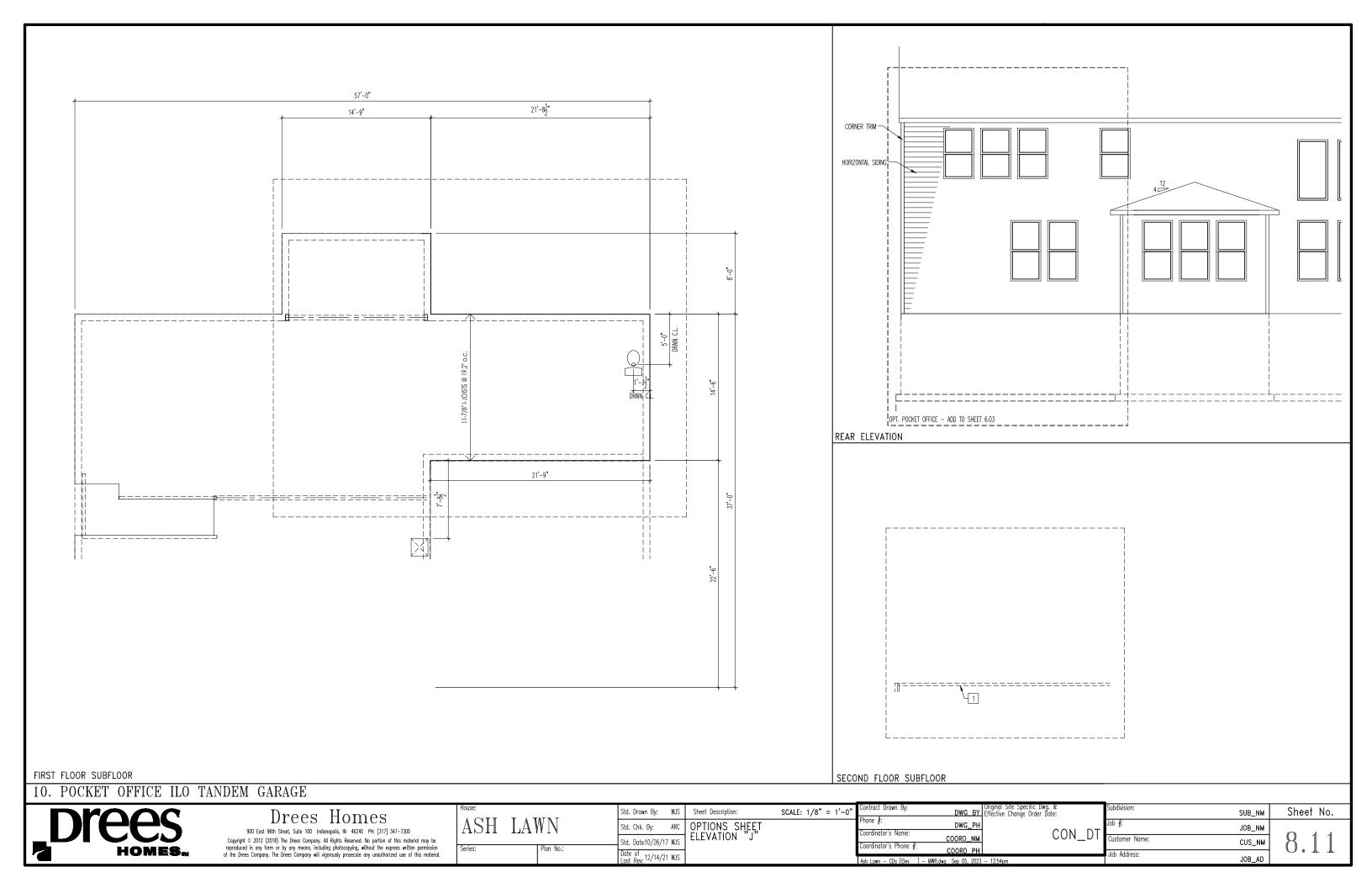


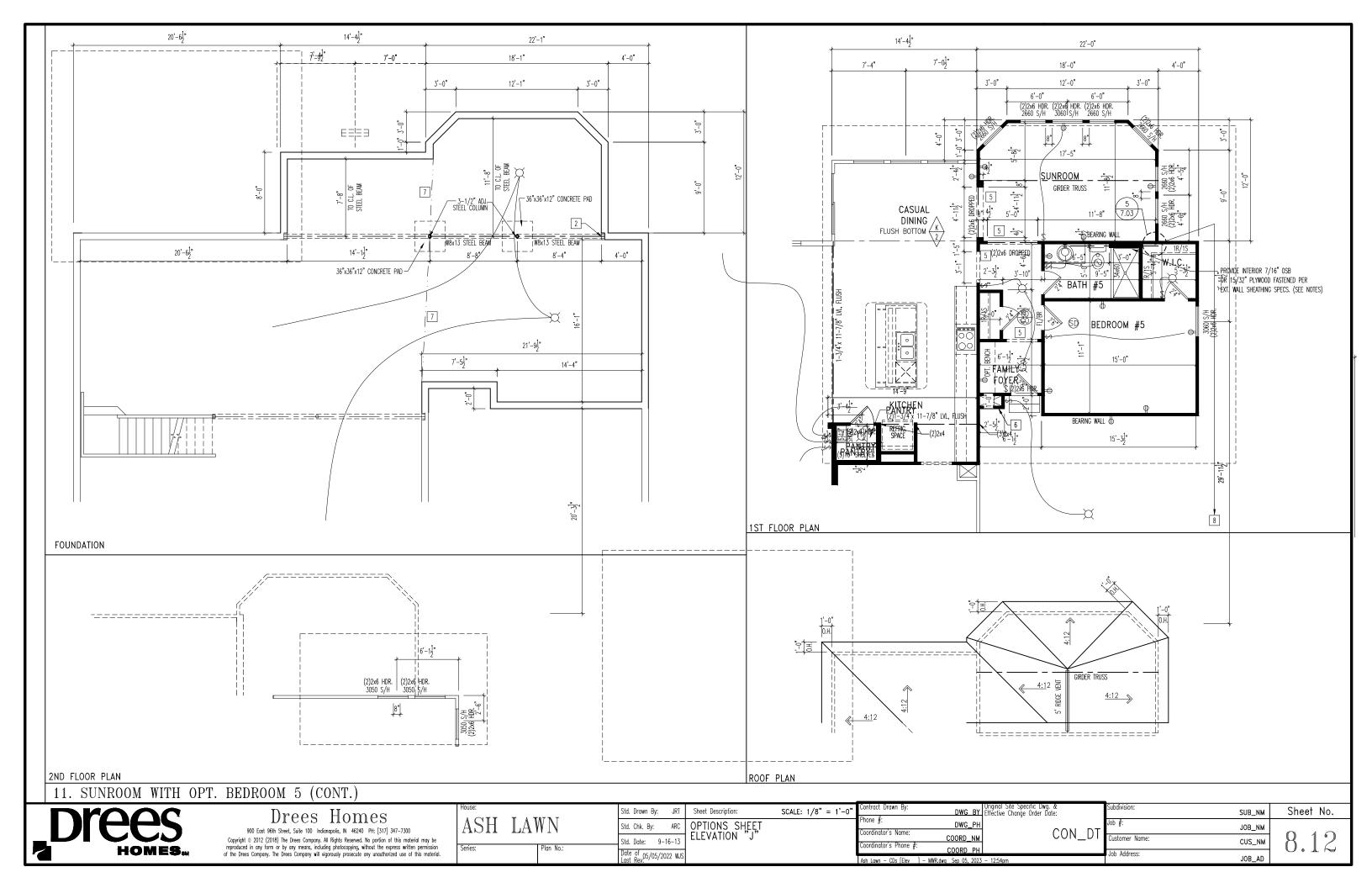


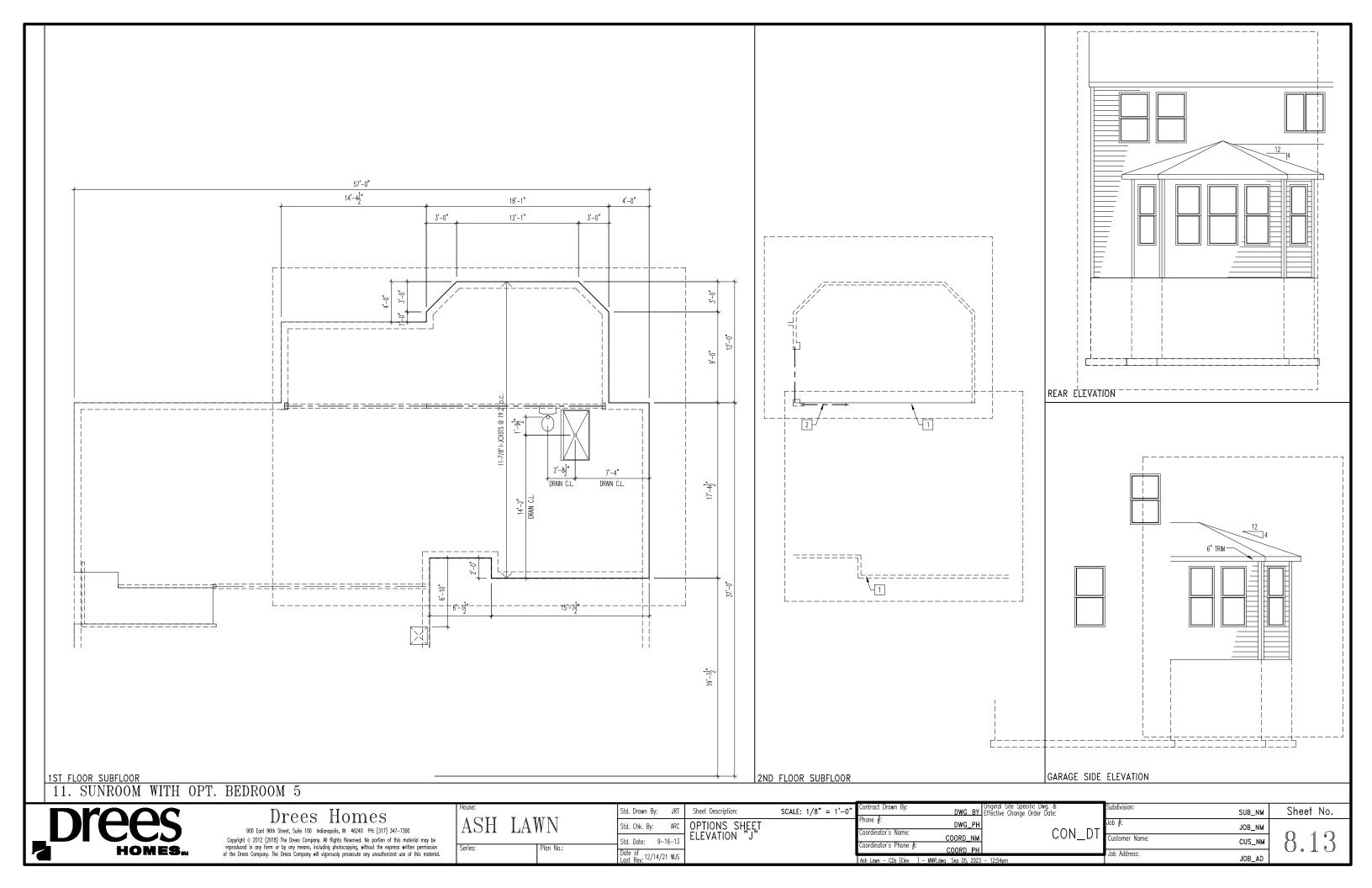


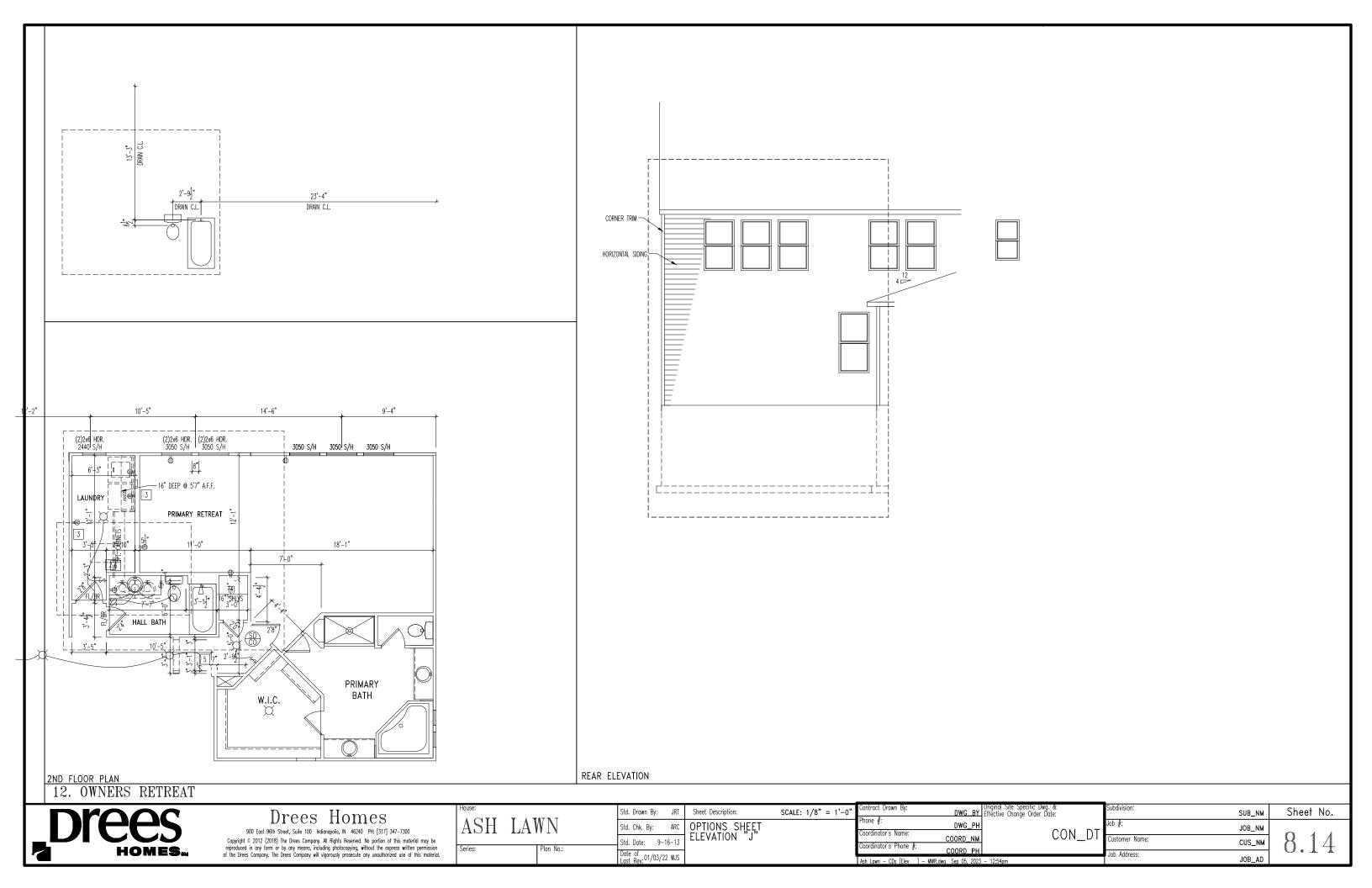


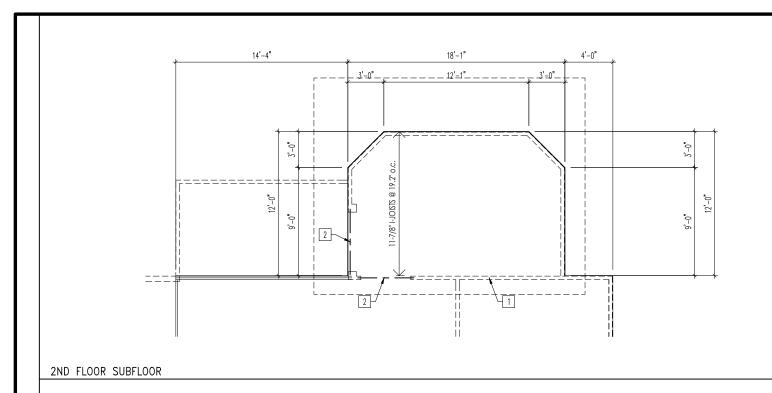


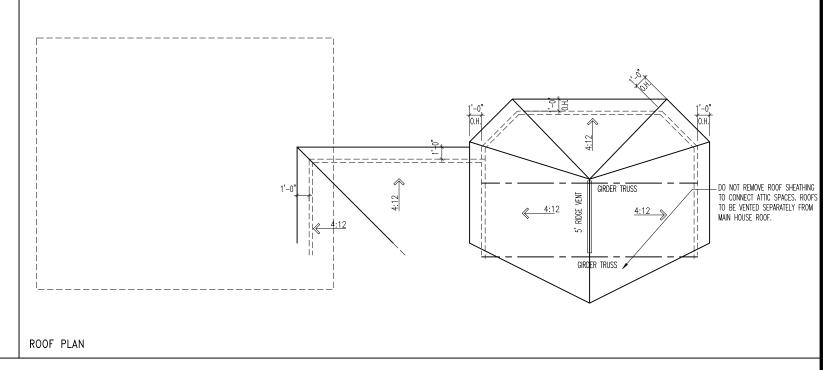


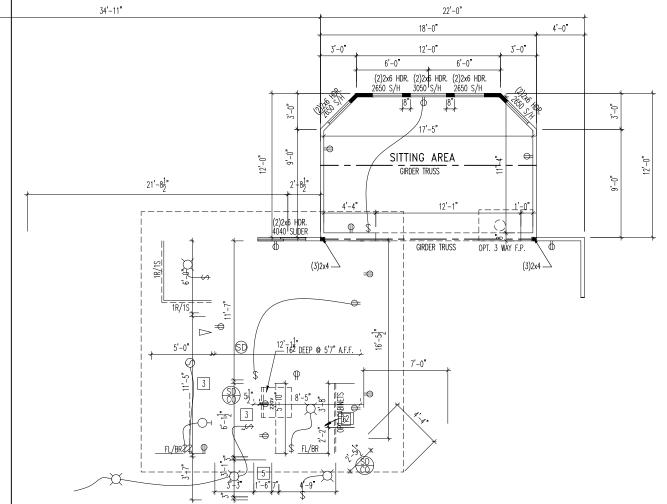












13. SITTING ROOM (CONT.)

Drees

2ND FLOOR PLAN

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	House:	House:		. Drawn By	: JRT
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OPTIONS SHEET
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Contract Drawn By:

DWG BY
Phone #:

DWG_PH
Coordinator's Name:

COORD_NM
Coordinator's Phone #:

COORD_PH

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 Job #:
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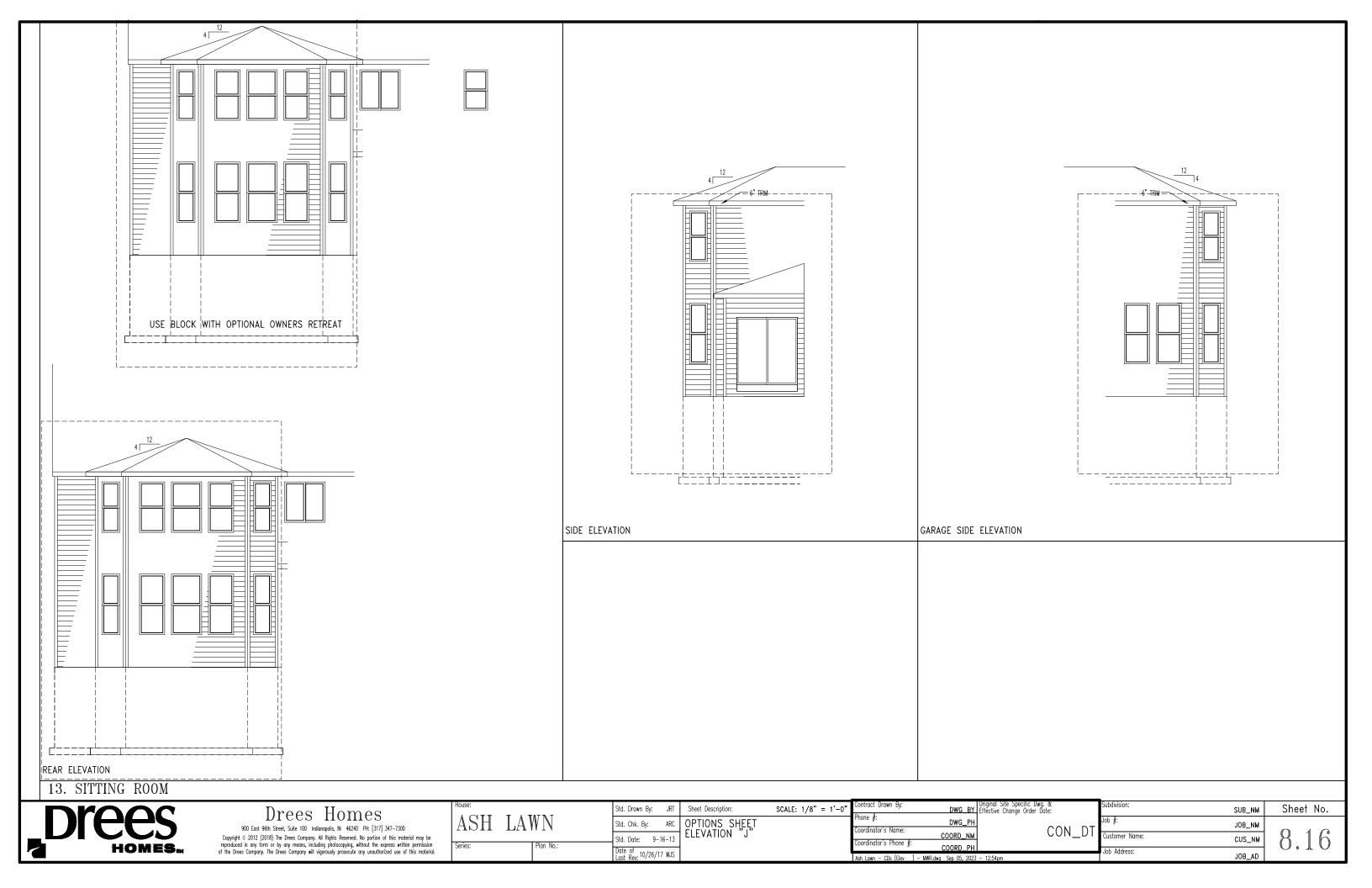
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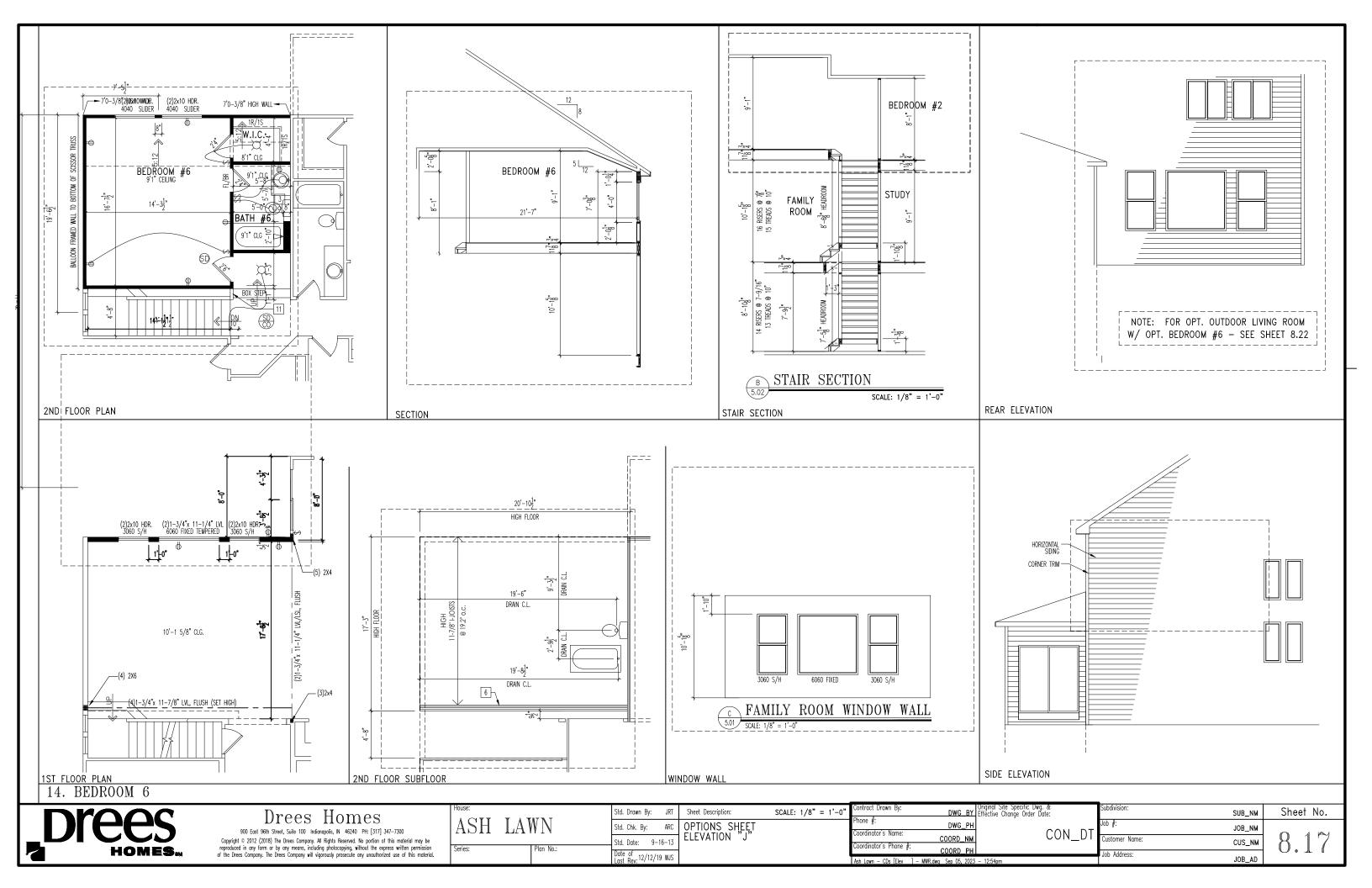
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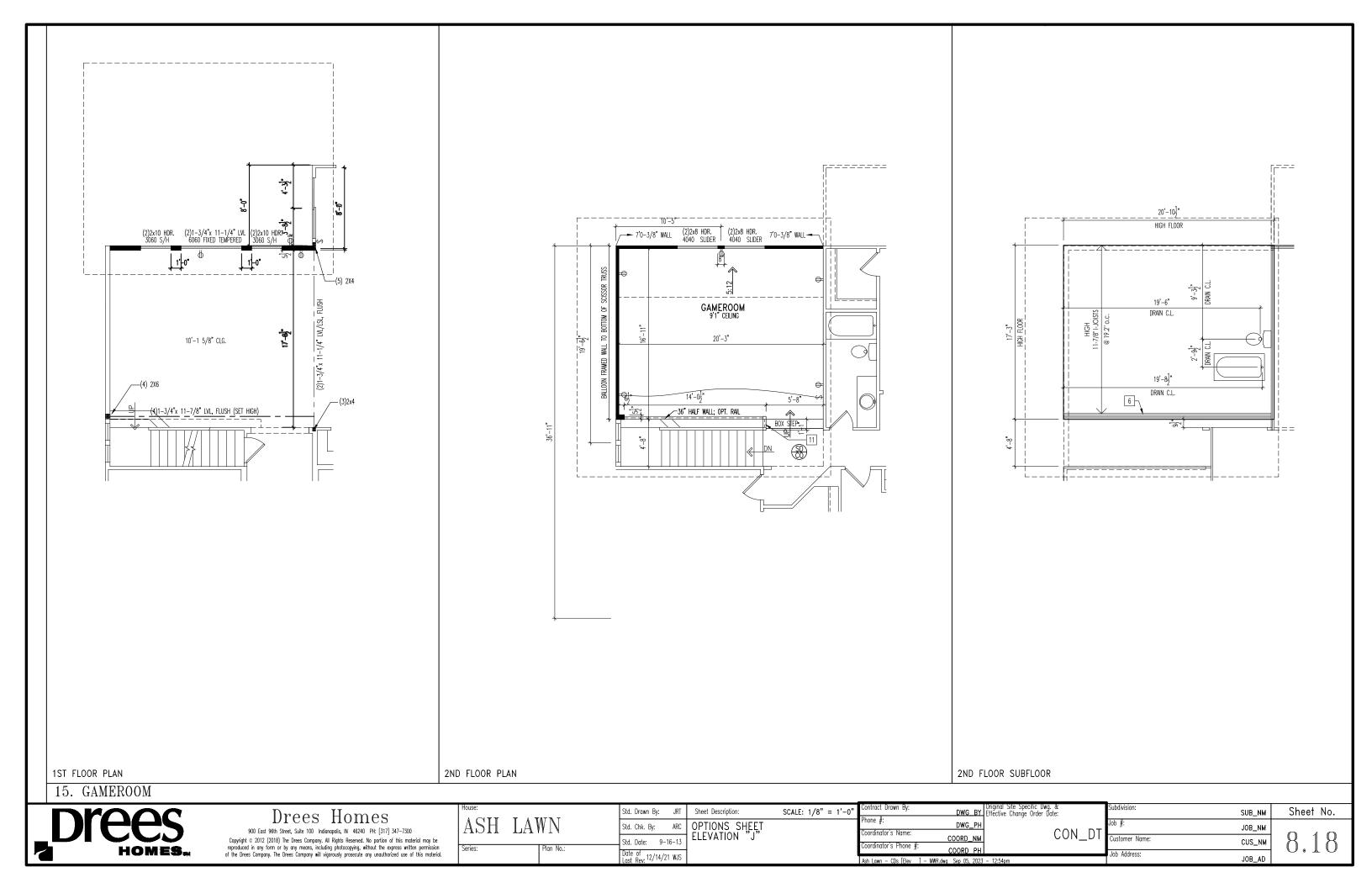
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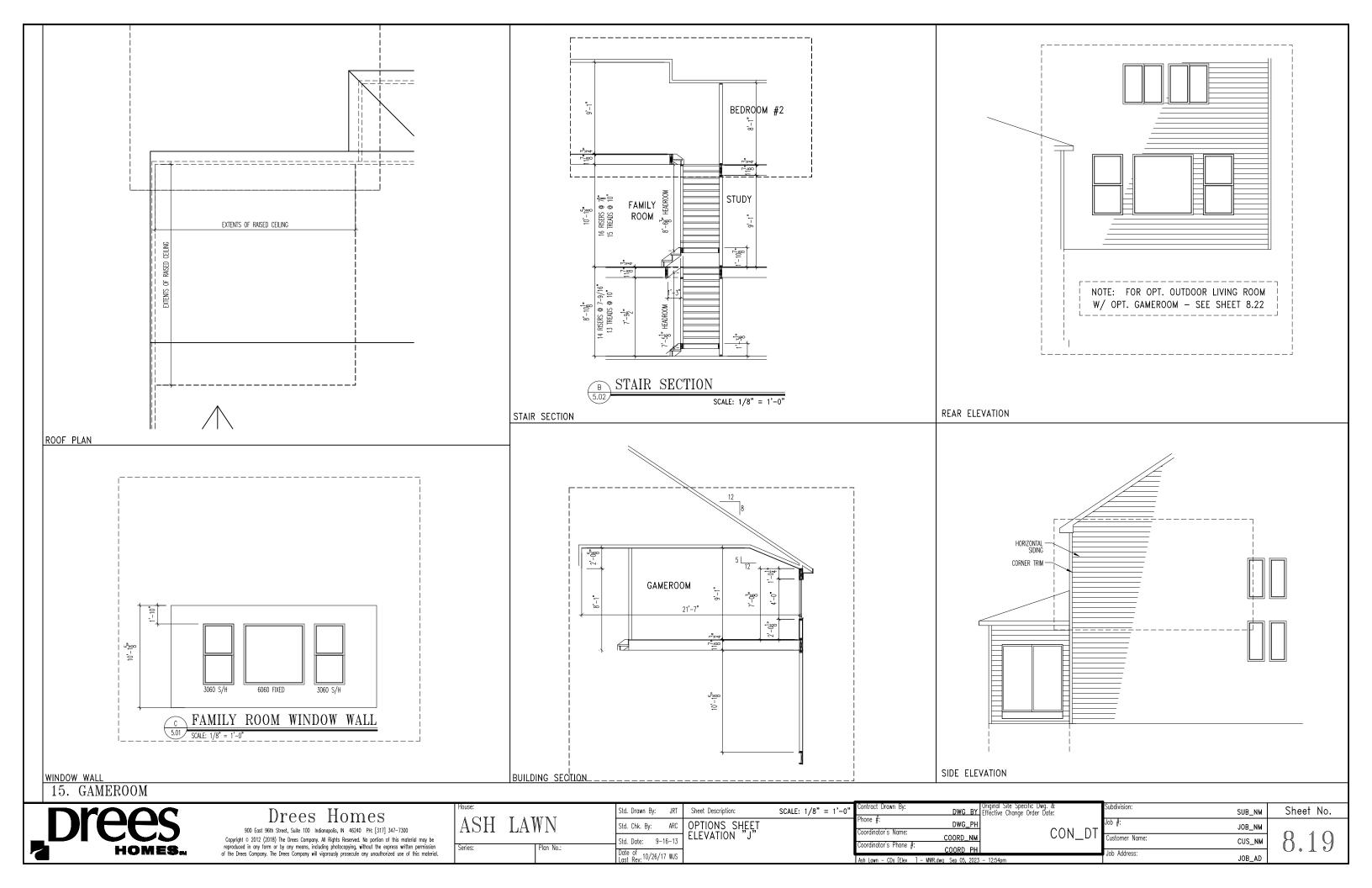
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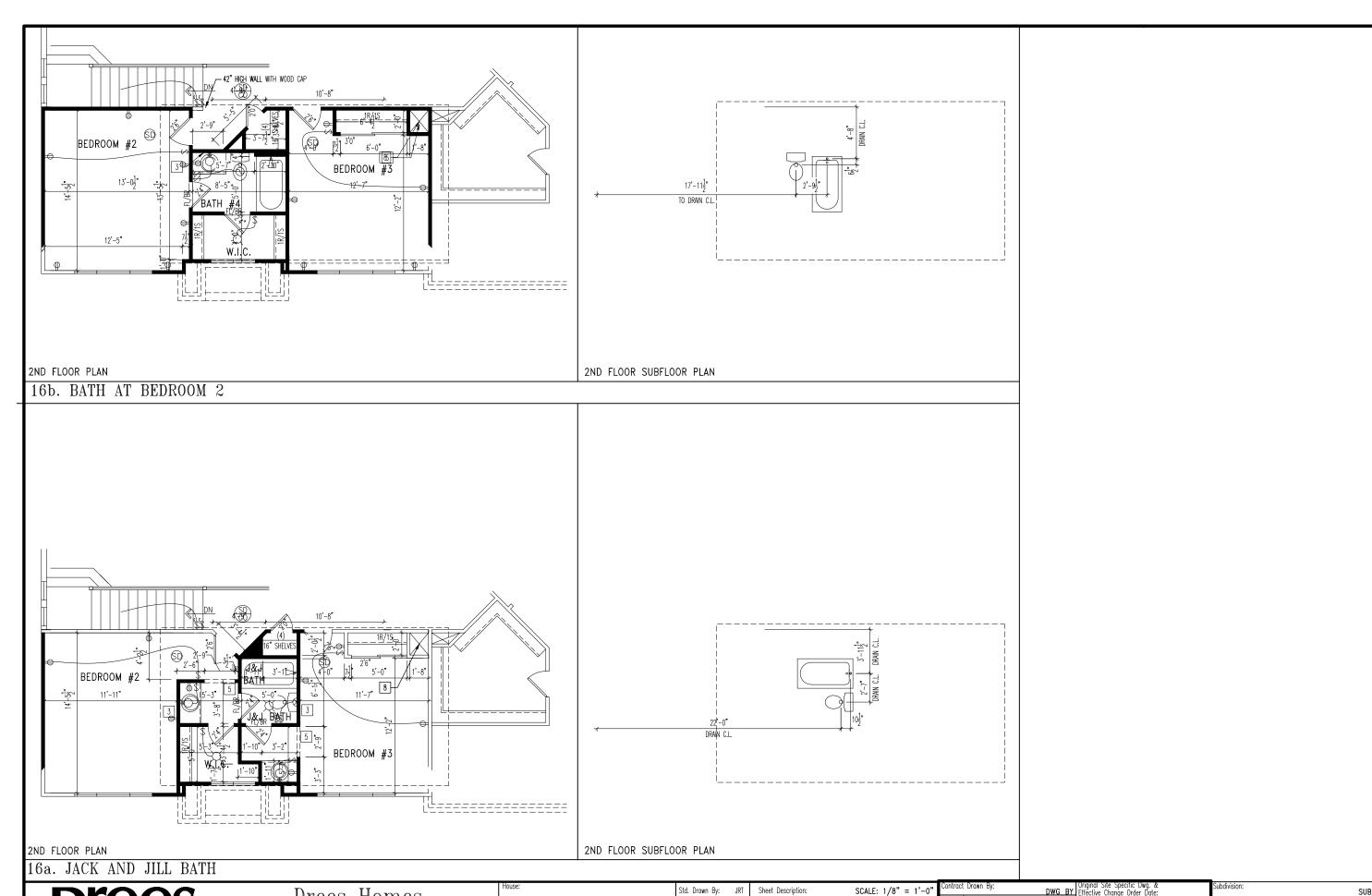
Box Sheet No.











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ASH	LAWN
Series:	Plan No.:

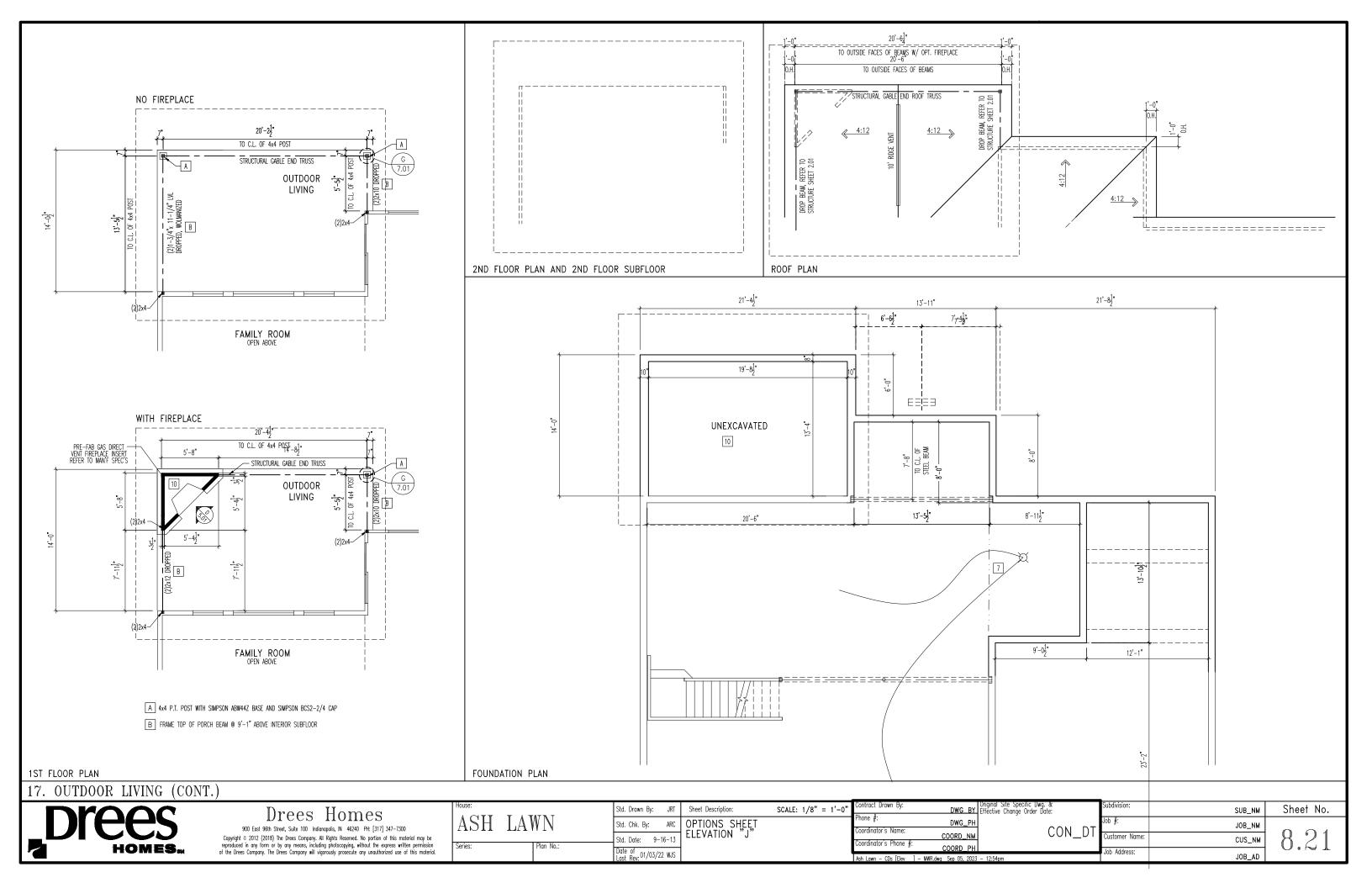
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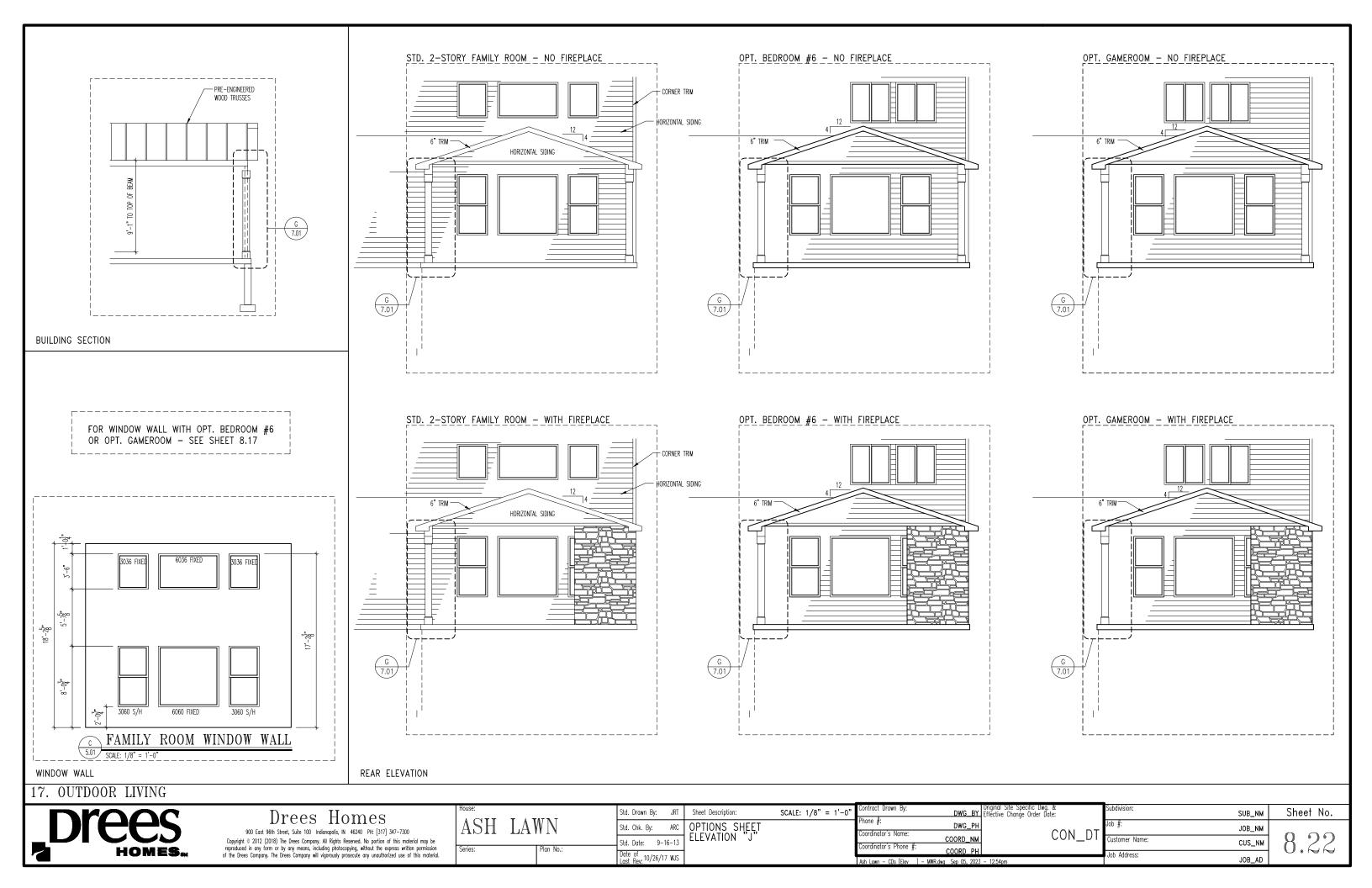
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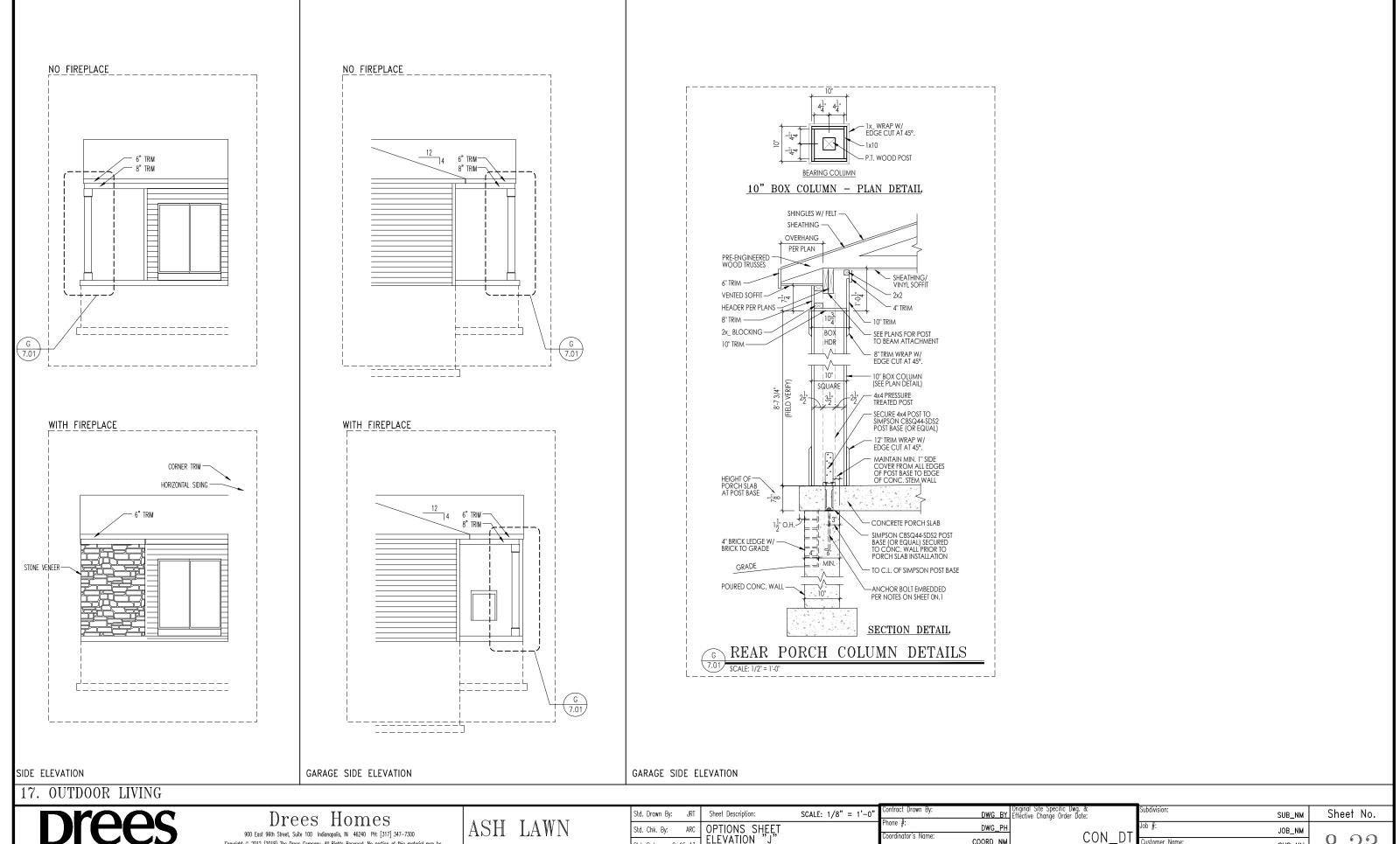
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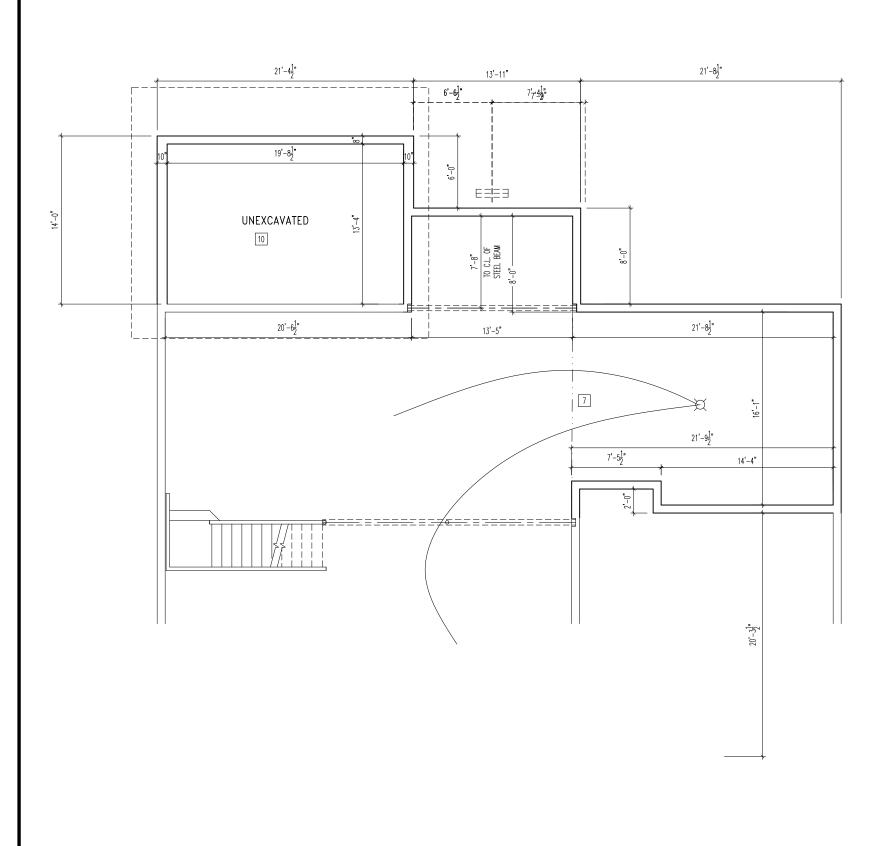
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NOTE: WHEN COMBINING
THESE OPTIONS, USE BLOCKS
FROM OPT. OUTDOOR LIVING
AND OPT. BEDROOM #5

FOUNDATION

20. OUTDOOR LIVING WITH OPT. BEDROOM 5



Drees Homes

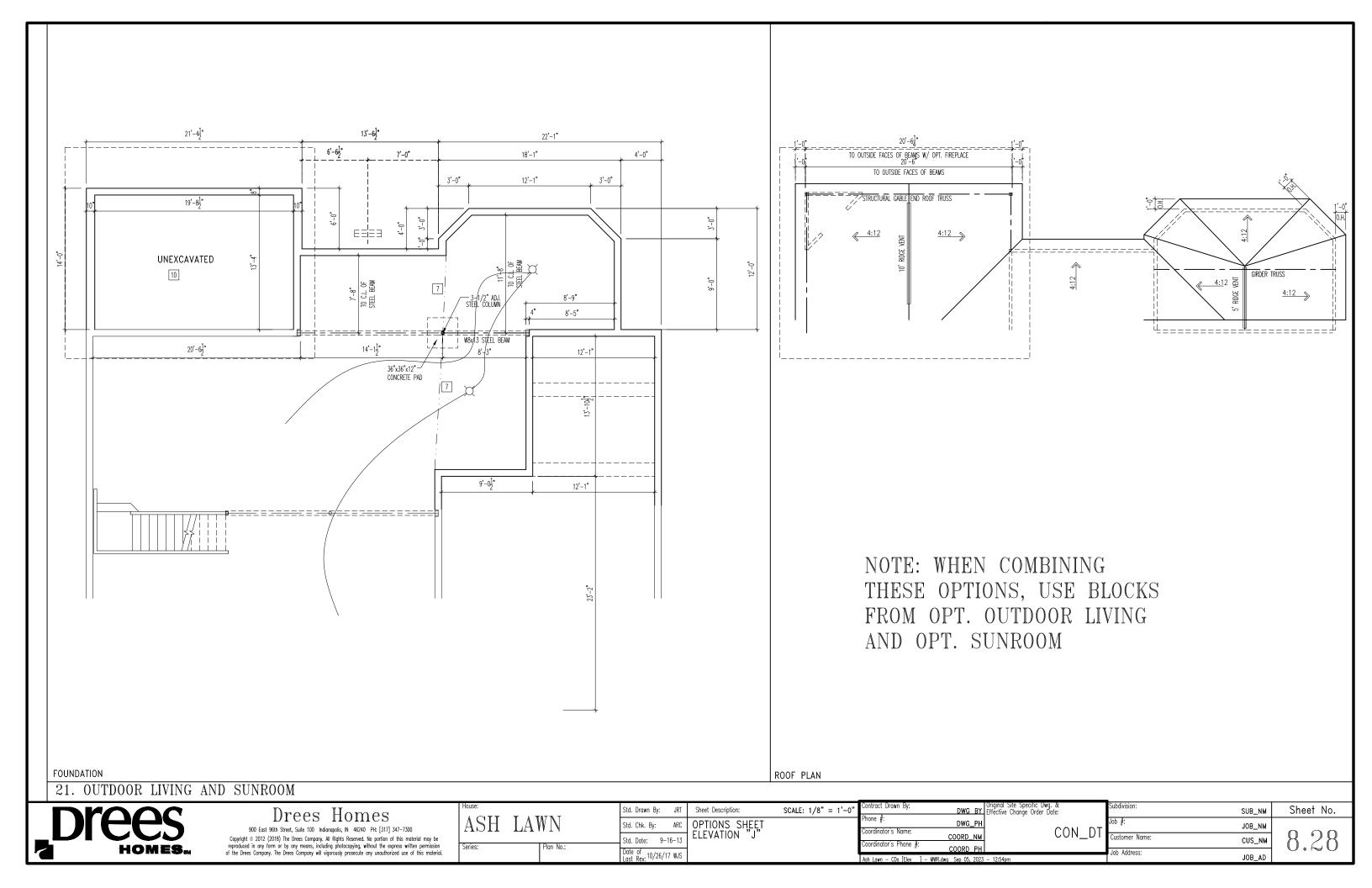
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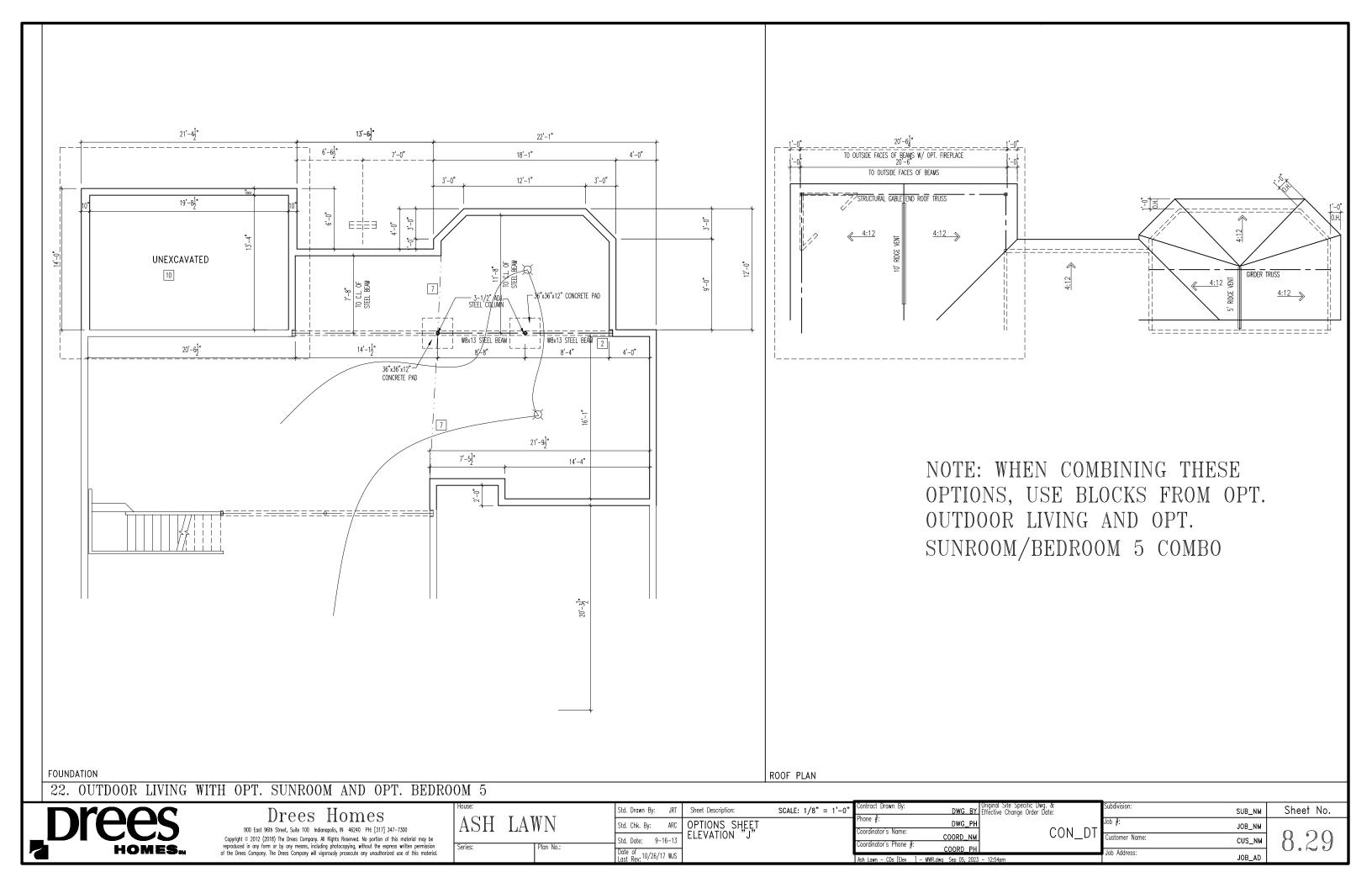
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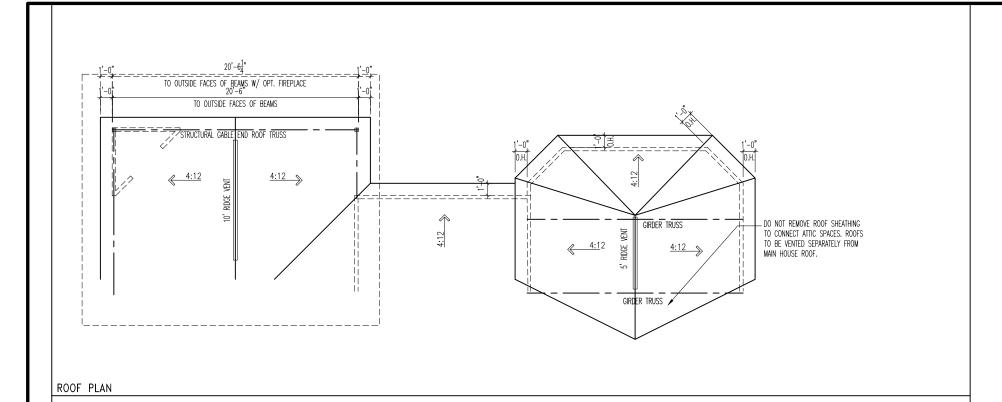
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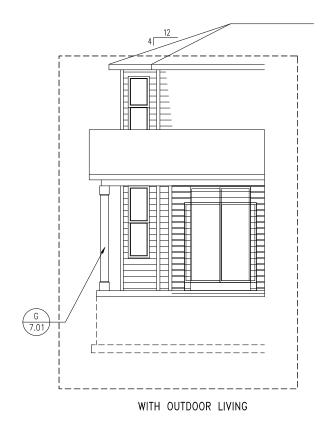
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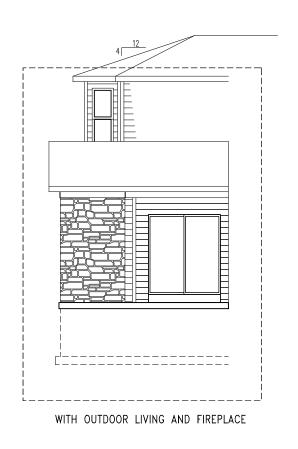
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Customer Name:	CUS_NM	18.27
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NOTE: WHEN COMBINING THESE OPTIONS, USE BLOCKS FROM OPT. OUTDOOR LIVING ,OPT. SUNROOM AND SITTING ROOM

24. OUTDOOR LIVING WITH OPT. SUNROOM AND SITTING ROOM ABOVE

Drees

Drees Homes

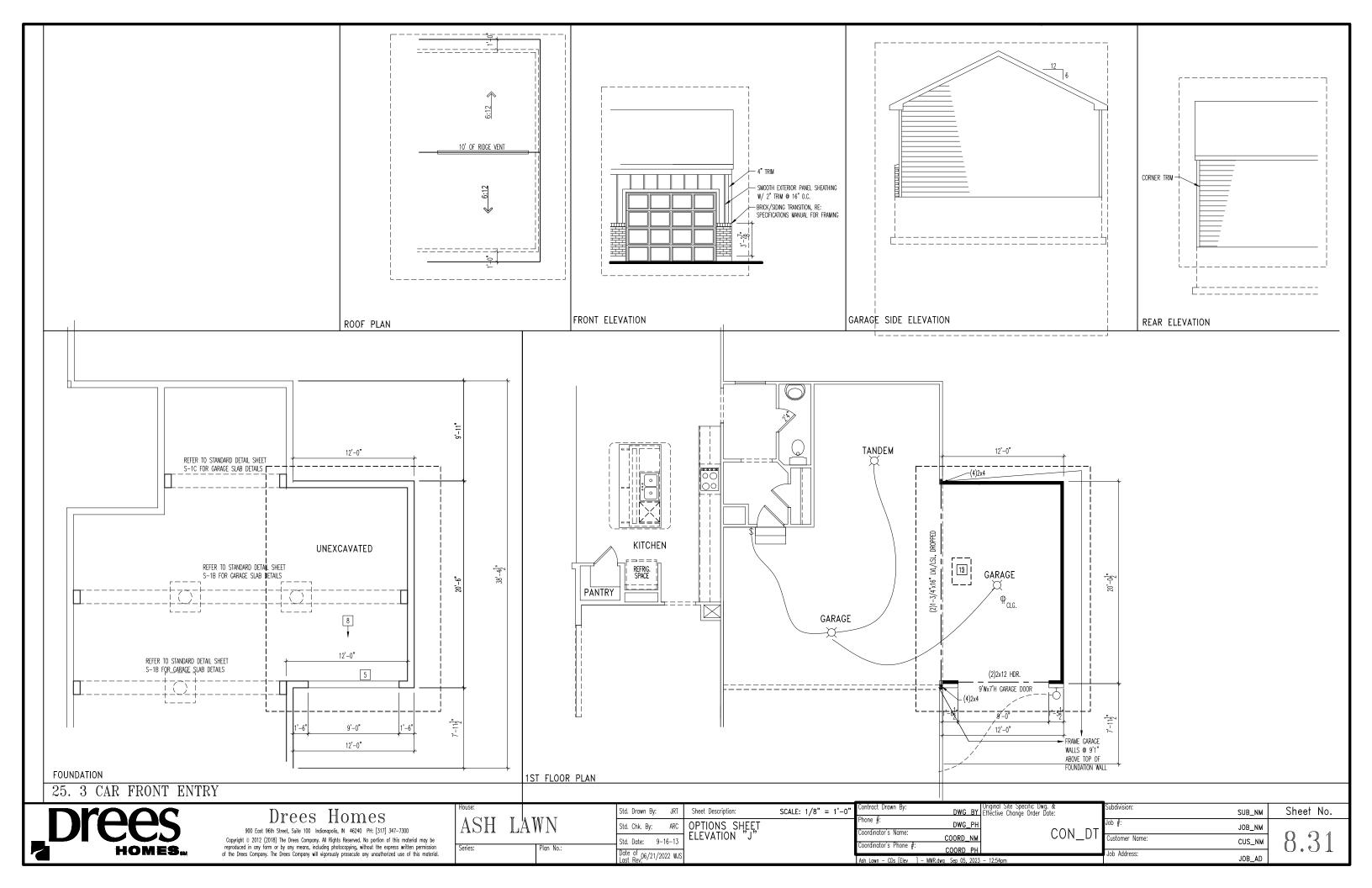
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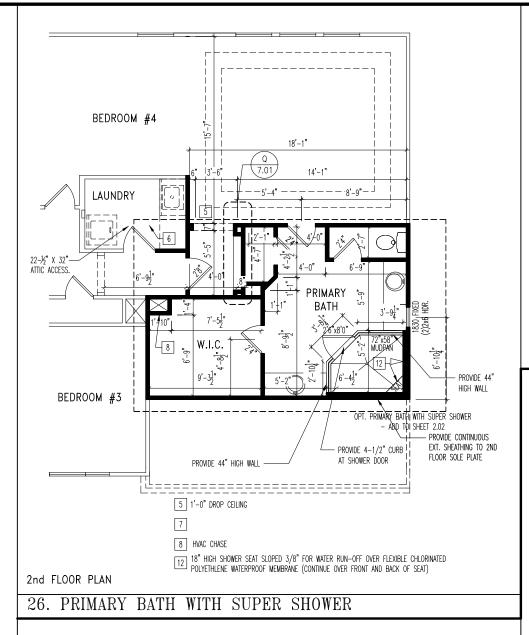
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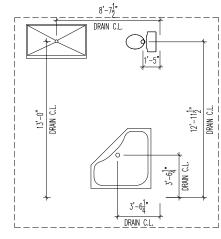
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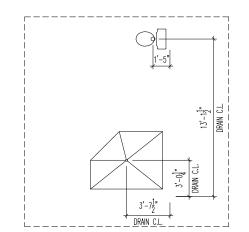
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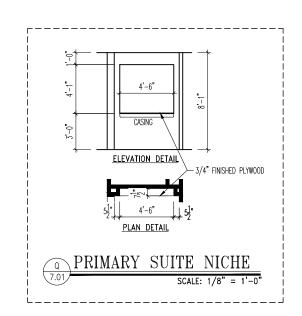




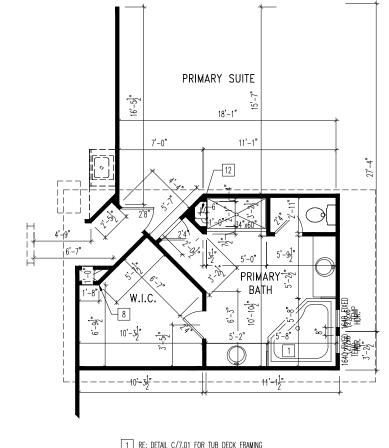
2ND FLOOR SUBFLOOR



2ND FLOOR SUBFLOOR



DETAILS



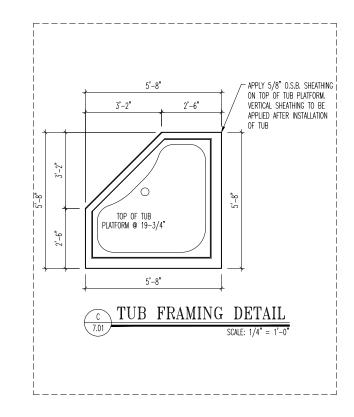
1 RE: DETAIL C/7.01 FOR TUB DECK FRAMING

Std. Drawn By:

8 HVAC CHASE

2nd FLOOR PLAN

 $\fbox{12}$ 18" HIGH SHOWER SEAT SLOPED 3/8" FOR WATER RUN-OFF OVER FLEXIBLE CHLORINATED POLYETHLENE WATERPROOF MEMBRANE (CONTINUE OVER FRONT AND BACK OF SEAT)



DETAILS

27. PRIMARY GARDEN BATH



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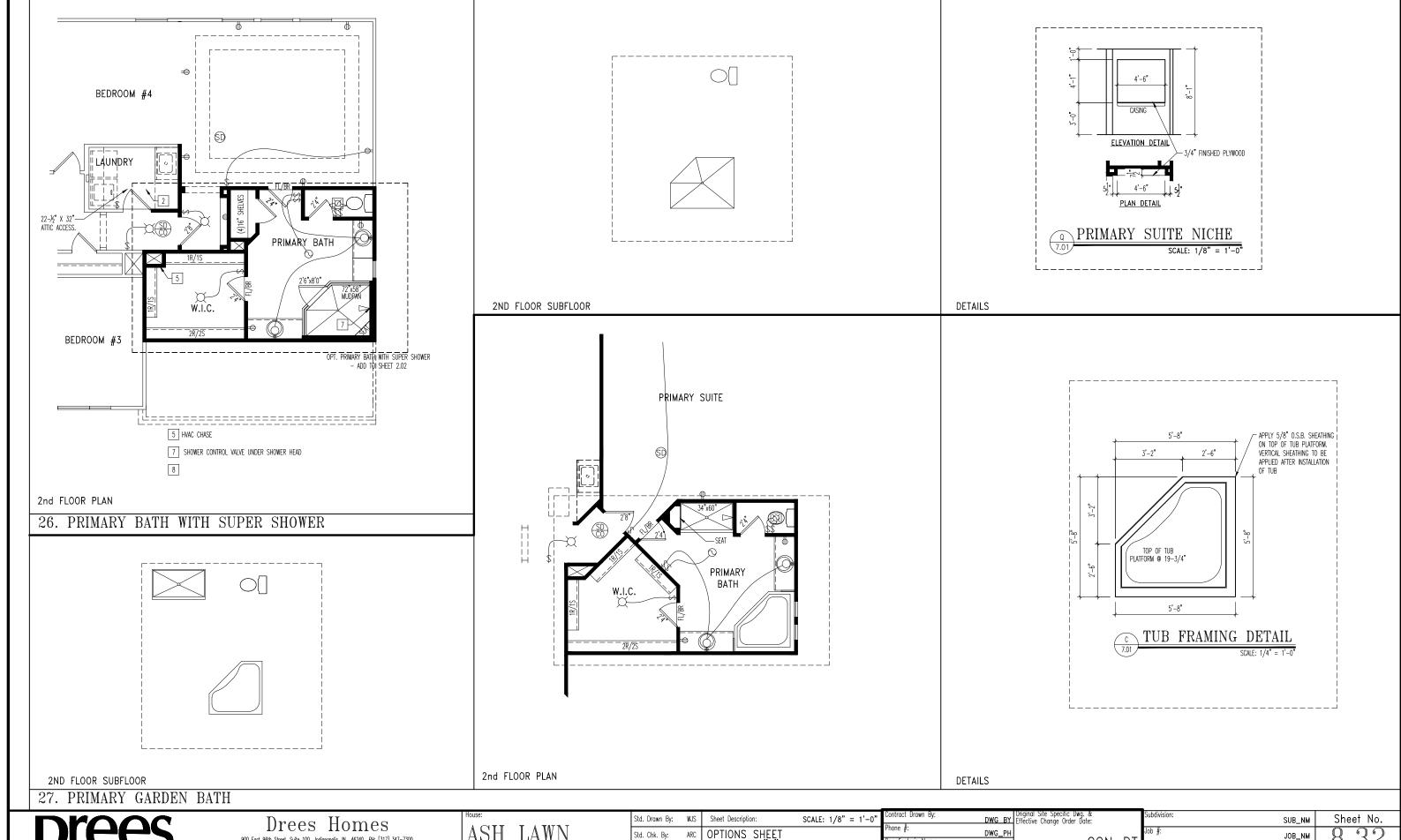
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Coordinator's Name:	COORD_NM
Coordinator's Phone #:	COORD_PH

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ASH	LAWN
Series:	Plan No ·

ARC OPTIONS SHEET ELEVATION "J"

Std. Date: 07/23/14

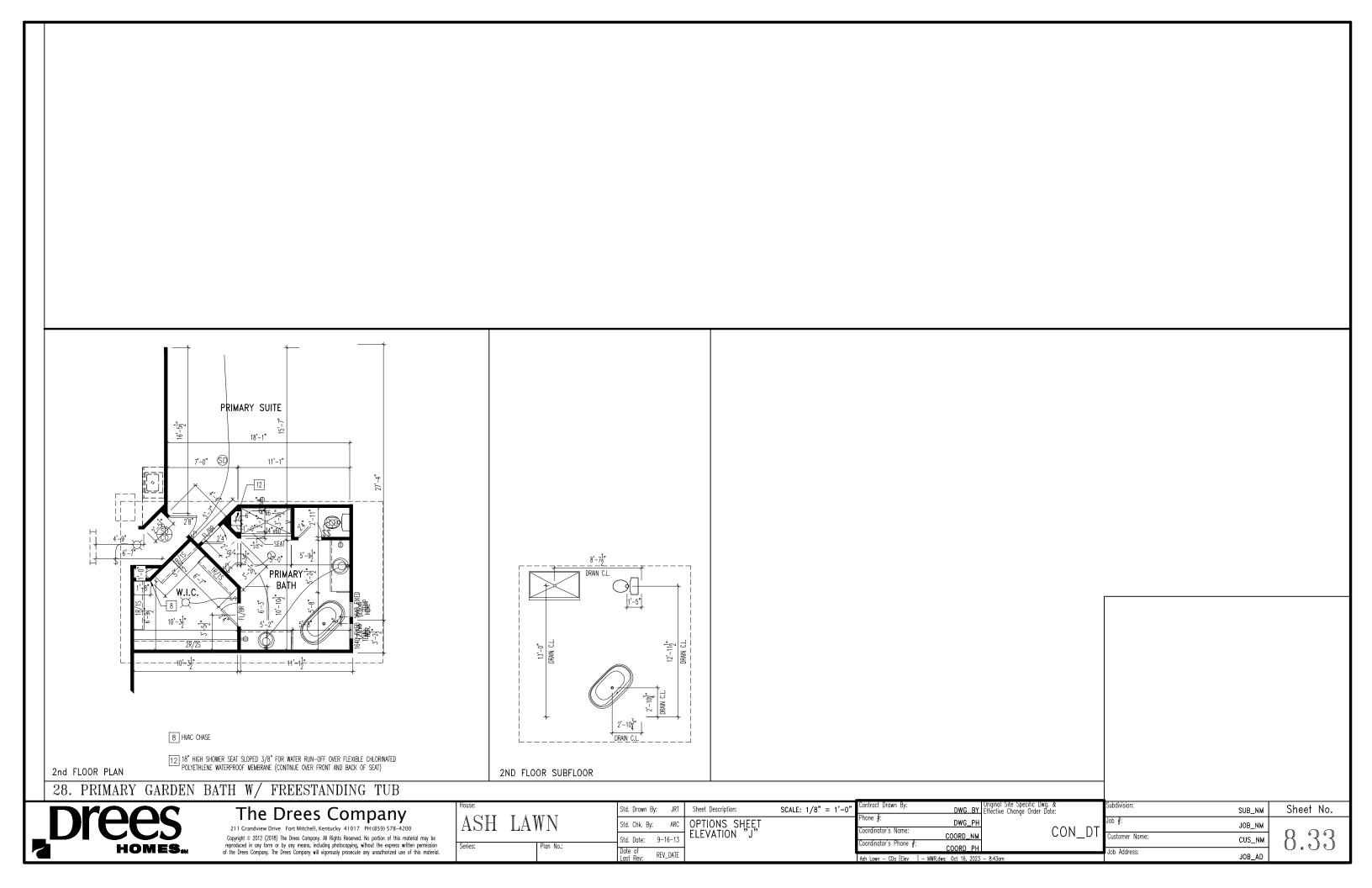
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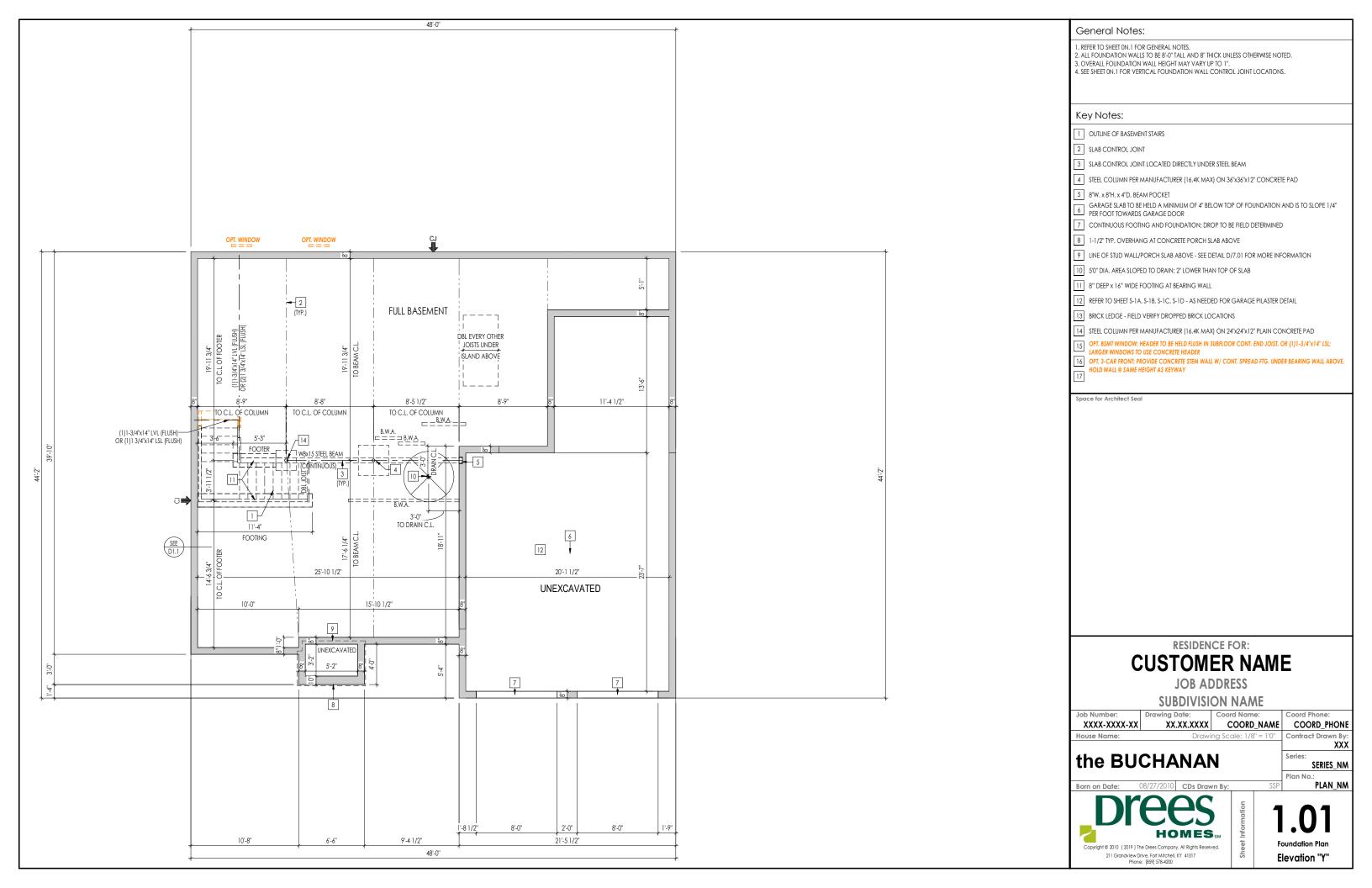
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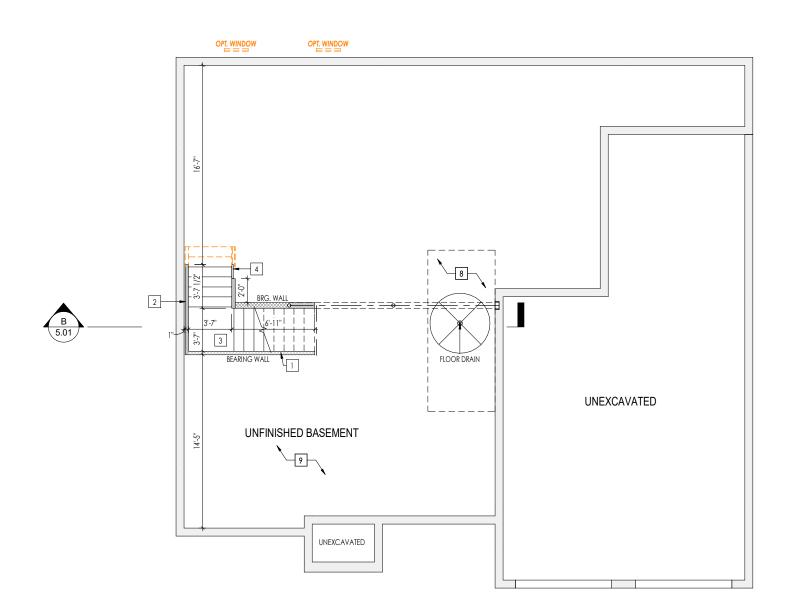
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General Notes:

1. REFER TO SHEET ON, 1 FOR GENERAL NOTES, 2. REFER TO SELECTION SHEETS FOR FLOORING MATERIAL PRIOR TO CONSTRUCTING STAIRS TO DETERMINE

Key Notes:

- STAIRS TO BE ENCLOSED WITH FULL HEIGHT STUDS @ 16" O.C. AND DRYWALLED ON INTERIOR STAIRWE ONLY TO BOTTOM OF THE RUN
- 2 2x4 STUDS HELD 1" FROM FOUNDATION WALL WITH 3-1/2" INSULATION. SEE DETAIL D/7.04
 - 3 RE: DETAIL B/7.01 FOR BASEMENT STAIR FRAMING DETAILS
- 4 CATTLE-RAIL AT STAIRS
- 5 OPT. REC ROOM: SLOPE TOP OF WALL ALIGNED WITH STAIR STRINGER RAILING ABOVE
- 6 OPT. REC ROOM: TOP OF OPENING DROPPED 1' BELOW CEILING
- 7 OPT. REC ROOM: HALF WALL UNDER STAIRS (FIELD DETERMINED), SLOPED CLG UNDER STAIRS
 80 SQFT MAX. AREA OF CEILING, COMPLYING W/ RCO 302.13 EXCEPTION 3.1 & EXPECTION 3.2, NOT
 8 REQUIRED DRYWALL PREIMETER EDGE MUST BE FIREBLOCKED TO KEEP SEPARATE FROM THE REST OF THE PLOOR ASSEMBLY

 9 UNFINISHED BASEMENT CEILING TO BE COVERED IN 1/2" GYPSUM BOARD (WITH THE EXCEPTION OF THE AREA OF KEYNOTE 8) JONTS DO NOT NEED TO BE TAPPED OR MUDDED.

Space for Architect Seal

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

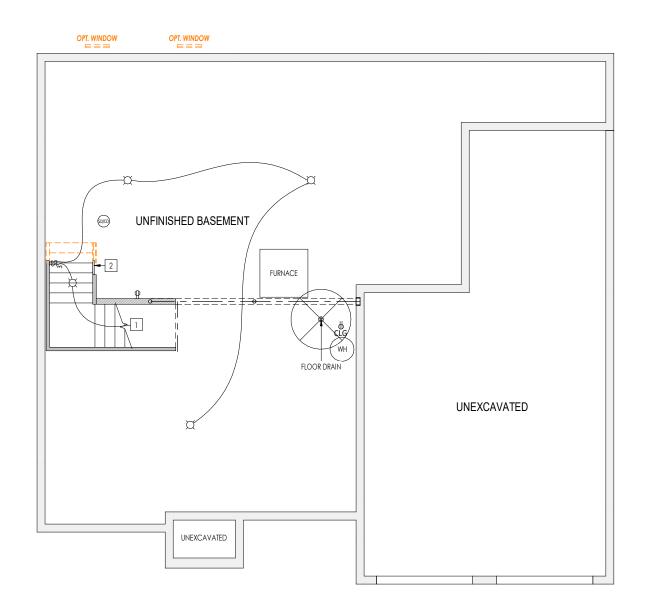
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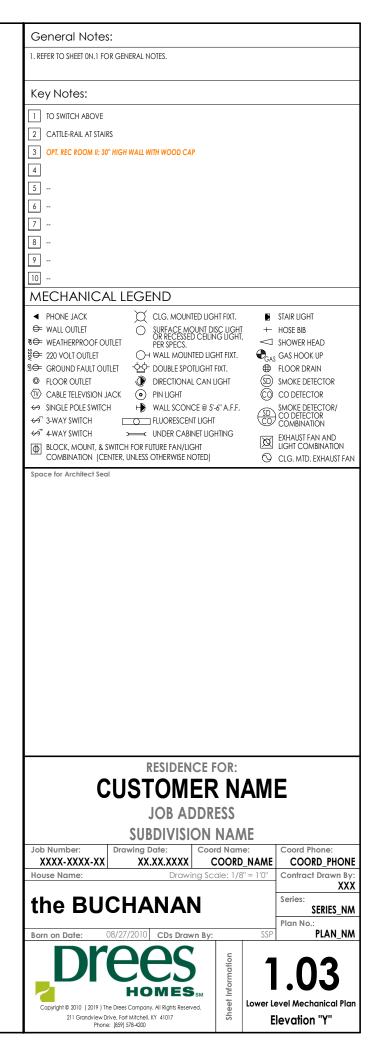
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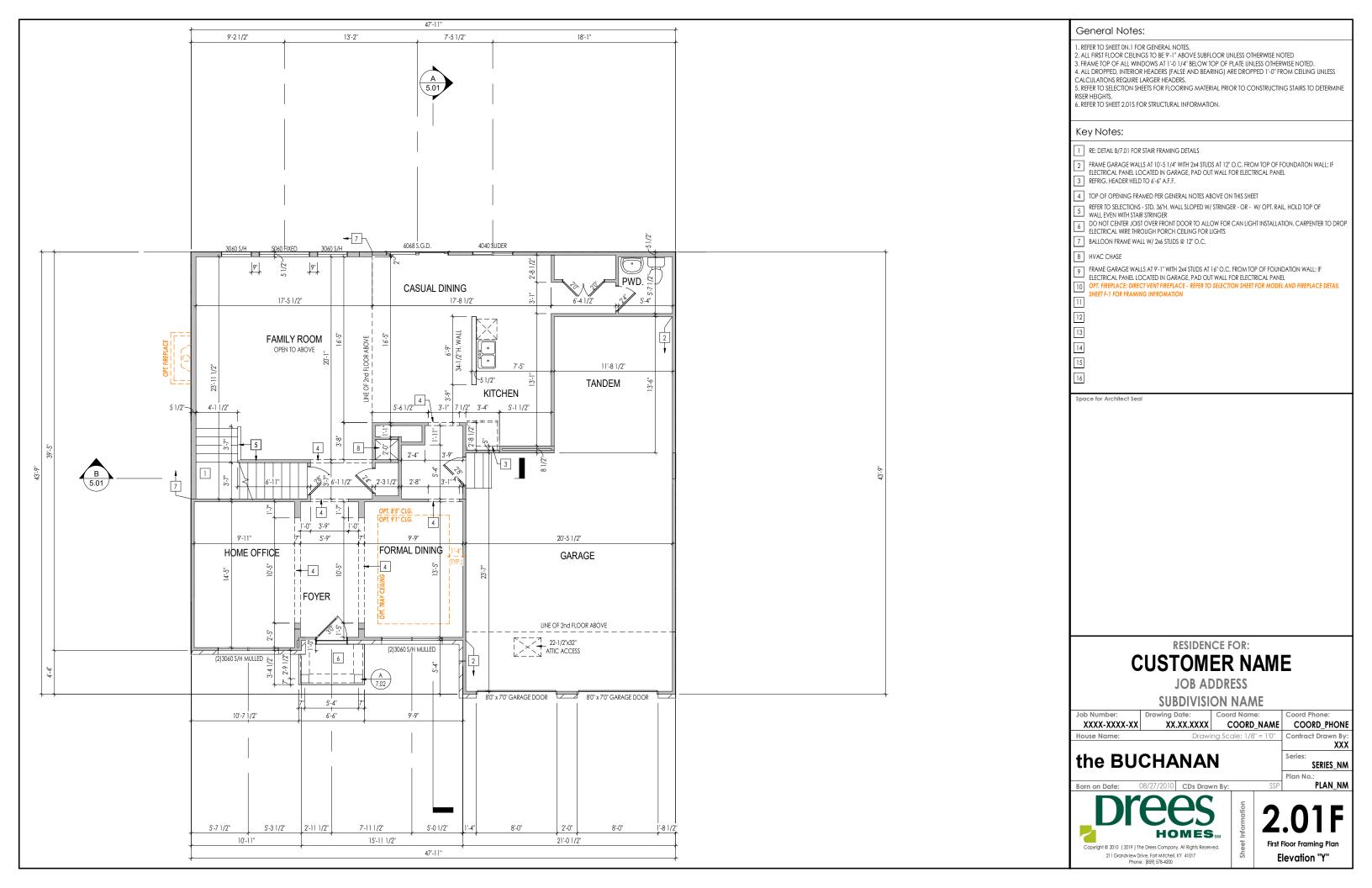
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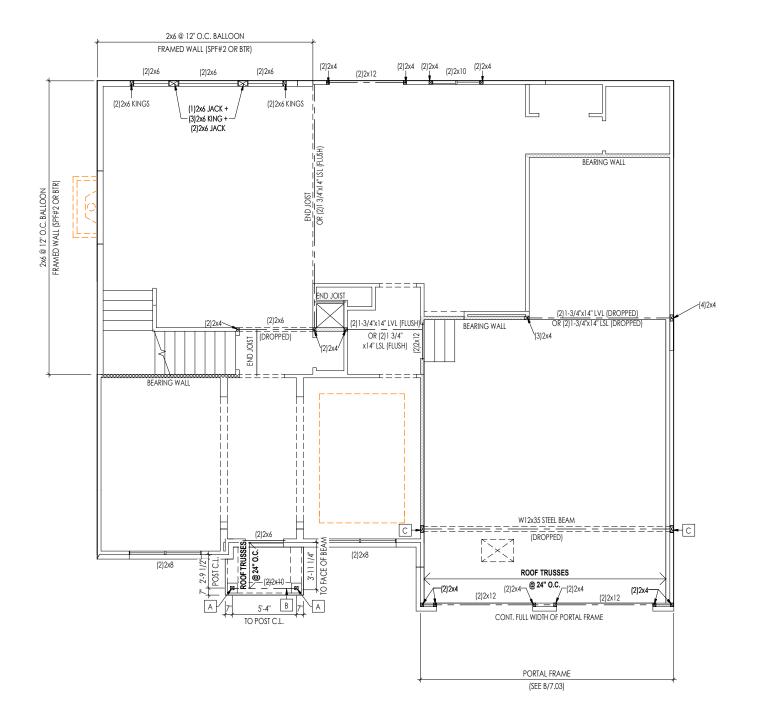
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Elevation "Y"









THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: 115 MPH WIND IN 2019 RCO MAP

(115 MPH WIND SPEED IN ASCE 7 WIND MAP) EXP. B & SEISMIC CAT. A/B.

THE DESIGN WAS COMPLETED PER 2017 OBC (SECTION 1609) & ASCE 7, AS PERMITTED BY R301.1.3 OF THE 2019 RCO, ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES, AND DOES NOT NEED TO CONFORM TO THE PRESCRIPTIVE PROVISIONS OF SECTION R602.10 WITHIN THE 2019 RCO.

EXTERIOR WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD:
- FASTEN SHEATHING w/ 2-3/8"x 0.113 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD, (TYP, U.N.O.)
- ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUDS) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE FASTENING.
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT. STAPLE CONNECTION SPEC: 1-3/4" 16 GA STAPLES (7/16" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C IN FIELD.

3" O.C. EDGE NAILING

AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W/ 2-3/8"x 0.113 NAILS @ 3" O.C. AND 12" IN THE PANEL FIELD. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUD) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

NOTES

- . SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN, IT WILL BE SPECIFICALLY NOTED ON PLAN.
- 2. DESIGN ASSUMES 16" O.C. MAX. STUD SPACING,
- 3. ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.
 4. PRE-MANUFACTURED PANELIZED WALLS:
- FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED W/ OSB OR PLYWOOD W/ 10d NAILS @ 4" O.C. (THRU ONE SIDE ONLY)
- INDICATES EXTENT OF INT. OSB SHEARWALL, AND/OR 3" O.C. EDGE NAILING.
- INDICATES HOLDOWN

General Notes:

. REFER TO SHEET ON.1 FOR GENERAL NOTES.

Key Notes:

- A 4x4 P.T. POST W/ SIMPSON BCS2-2/4 CAP AND CBSQ44-SDS2 BASE
- B TOP OF BEAM AT 9'1" ABOVE FIRST FLOOR SUBFLOOR
- C 3-1/2" x 7" PSL POST

CONNECTION SPECIFICATIONS (TYP. U.N.O.)

NOTE: 10d NAIL = 3" x 0.131" GUN NAIL (3)10d TOENAILS IOIST TO SOLE PLATE SOLE PLATE TO JOIST/BLK'G. 10d NAILS @ 6" o.c. UD TO SOLE PLATE (3) 10d TOENAILS OP OR SOLE PLATE TO STUD M TO TOP PLATE 10d TOENAILS @ 6" o.c. BLK'G. BTWN. JOISTS TO TOP PL (3)10d TOENAILS (3)10d TOENAILS + (1) SIMPSON H2.5A PAFTER/TRUSS TO TOP PLATE GAB, END TRUSS TO DBL, TOP PL 10d TOENAILS @ 8" o.c. 2x10 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE R.T. w/ HEEL HT. 9 1/4" TO 12" 2x12 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE T. w/ HEEL HT. 12" TO 16" w/ 10d TOENAILS @ 6" O.C LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. FASTEN w/ 8d NAILS @ 6" O.C. .T. w/ HEEL HT. UP TO 24" LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. .T. w/ HEEL HT. 24" TO 48" FASTEN W/ 8d NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT OUBLE STUD 10d NAILS @ 24" o.c. OUBLE TOP PLATE 10d NAILS @ 24" o.c. OUBLE TOP PLATE LAP SPLICE (10)10d NAILS IN LAPPED AREA TOP PLATE LAP @ CORNERS & INTERSECTING WALLS (2)10d NAILS WALL SHTG. LAP w/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC. VALL TO FOUNDATION

Space for Architect Seal

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

Job Number XX.XX.XXXX COORD_NAME XXXX-XXXX-XX COORD PHONE House Name:

the BUCHANAN

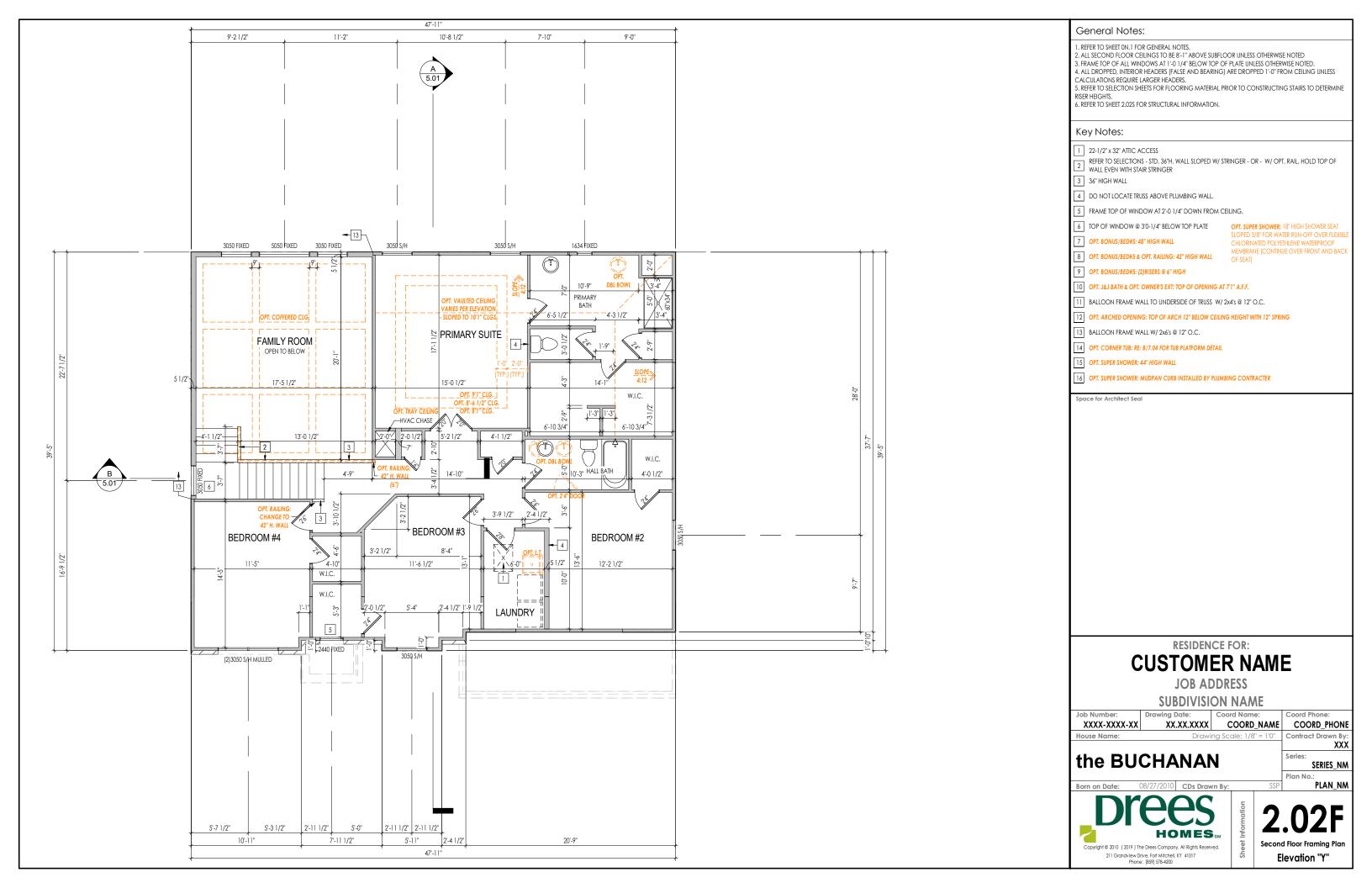


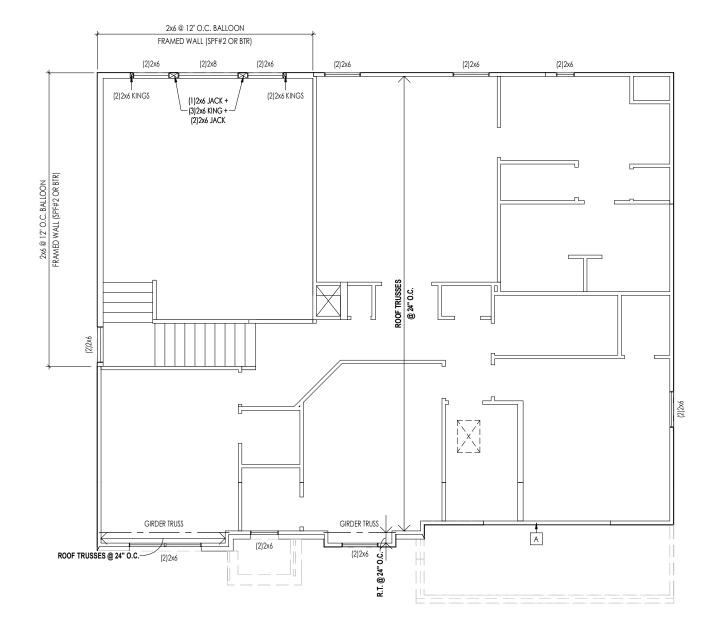
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Plan No.

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PLAN NM





THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: 115 MPH WIND IN 2019 RCO MAP

(115 MPH WIND SPEED IN ASCE 7 WIND MAP) EXP. B & SEISMIC CAT. A/B.

THE DESIGN WAS COMPLETED PER 2017 OBC (SECTION 1609) & ASCE 7, AS PERMITTED BY R301.1.3 OF THE 2019 RCO, ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN, IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES, AND DOES NOT NEED TO CONFORM TO THE PRESCRIPTIVE PROVISIONS OF SECTION R602.10 WITHIN THE 2019 RCO.

EXTERIOR WALL SHEATHING SPECIFICATION

7/16" OSB OR 15/32" PLYWOOD:

FASTEN SHEATHING W/ 2-3/8"x 0.113 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD, (TYP, U.N.O.) ALL SHEATHING PANELS SHALL BE ORIENTED

- VERTICALLY (LONG DIRECTION PARALLEL TO STUDS) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE FASTENING.
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED
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- ALT. STAPLE CONNECTION SPEC: 1-3/4" 16 GA STAPLES (7/16" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C IN FIELD.

3" O.C. EDGE NAILING

AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W/ 2-3/8"x 0.113 NAILS @ 3" O.C. AND 12" IN THE PANEL FIELD. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUD) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

NOTES

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN, IT WILL BE SPECIFICALLY NOTED ON PLAN.
- 2. DESIGN ASSUMES 16" O.C. MAX. STUD SPACING,
- 3. ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.

 4. PRE-MANUFACTURED PANELIZED WALLS:
- FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED w/ OSB OR PLYWOOD w/ 10d NAILS @ 4" O.C. (THRU ONE SIDE ONLY)
- INDICATES EXTENT OF INT. OSB SHEARWALL, AND/OR 3" O.C. EDGE NAILING.



General Notes:

. REFER TO SHEET ON.1 FOR GENERAL NOTES.

Key Notes:

- A EXTEND EXT. WALL SHTG. DOWN TO BOTTOM PLATE

- D -

CONNECTION SPECIFICATIONS

(TYP. U.N.O.) NOTE: 10d NAIL = 3" x 0.131" GUN NAIL (3)10d TOENAILS SOLE PLATE TO JOIST/BLK'G. 10d NAILS @ 6" o.c. UD TO SOLE PLATE (3) 10d TOENAILS OP OR SOLE PLATE TO STUD M TO TOP PLATE 10d TOENAILS @ 6" o.c. BLK'G. BTWN. JOISTS TO TOP PL (3)10d TOENAILS (3)10d TOENAILS + (1) SIMPSON H2.5A RAFTER/TRUSS TO TOP PLATE 10d TOENAILS @ 8" o.c. GAB, END TRUSS TO DBL, TOP PL 2x10 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE R.T. w/ HEEL HT. 9 1/4" TO 12" 2x12 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE T. w/ HEEL HT. 12" TO 16" w/ 10d TOENAILS @ 6" O.C LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. FASTEN w/ 8d NAILS @ 6" O.C. R.T. w/ HEEL HT. UP TO 24" LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. R.T. w/ HEEL HT. 24" TO 48" FASTEN W/ 8d NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT 10d NAILS @ 24" o.c. OUBLE STUD OUBLE TOP PLATE 10d NAILS @ 24" o.c. (10)10d NAILS IN LAPPED AREA OUBLE TOP PLATE LAP SPLICE TOP PLATE LAP @ CORNERS & INTERSECTING WALLS (2)10d NAILS WALL SHTG. LAP w/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC. VALL TO FOUNDATION

Space for Architect Seal

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

Job Number Coord Name Drawina Date: XX.XX.XXXX COORD_NAME XXXX-XXXX-XX COORD PHONE House Name: Contract Drawn By

the BUCHANAN



Elevation "Y"

Plan No.

SERIES_NM

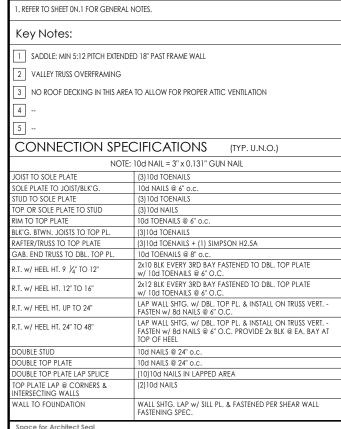
PLAN NM

TRUSS MANUFACTURER TO VERIFY THE FOLLOWING: (REFER TO SHEETS 2.01F AND/OR 2.02F) 1) DO NOT LOCATE ROOF TRUSSES ABOVE PARALLEL PLUMBING WALLS OR KITCHEN HOOD WALLS 2) DO NOT LOCATE ROOF TRUSSES ABOVE HVAC CHASES (OR LEAVE A MIN. 22-1/2" WIDE CLEAR SPACE OVER CHASE)

EXTEND OVERHANG WITH OPTIONAL **BRICKWRAP AT GABLES**

HEEL CUT STANDARDS				
		OVERHANG		
		1'-0"	2'-0"	
	4:12	3-3/4"	7-3/4"	
	5:12	4-3/4"	9-3/4"	
	6:12	5-3/4"	11-3/4"	
H.	7:12	6-3/4"	13-3/4"	
ROOF PITCH	8:12	7-3/4"	N/A	
	9:12	8-3/4"	N/A	
2	10:12	9-3/4"	N/A	
	12:12	11-3/4"	N/A	
	14:12	13-3/4"	N/A	

HEEL CUT STANDARDS				
OVERHANG				
1'-0" 2'-0				
	4:12	3-3/4"	7-3/4"	
	5:12	4-3/4"	9-3/4"	
	6:12	5-3/4"	11-3/4"	
F	7:12	6-3/4"	13-3/4"	
ROOF PITCH	8:12	7-3/4"	N/A	
90	9:12	8-3/4"	N/A	
2	10:12	9-3/4"	N/A	
	12:12	11-3/4"	N/A	
	14:12	13-3/4"	N/A	



Space for Architect Seal

General Notes:

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

Job Number: Drawina Date: Coord Name: XXXX-XXXX-XX XX.XX.XXXX COORD_NAME COORD_PHONE House Name: XXX

the **BUCHANAN**

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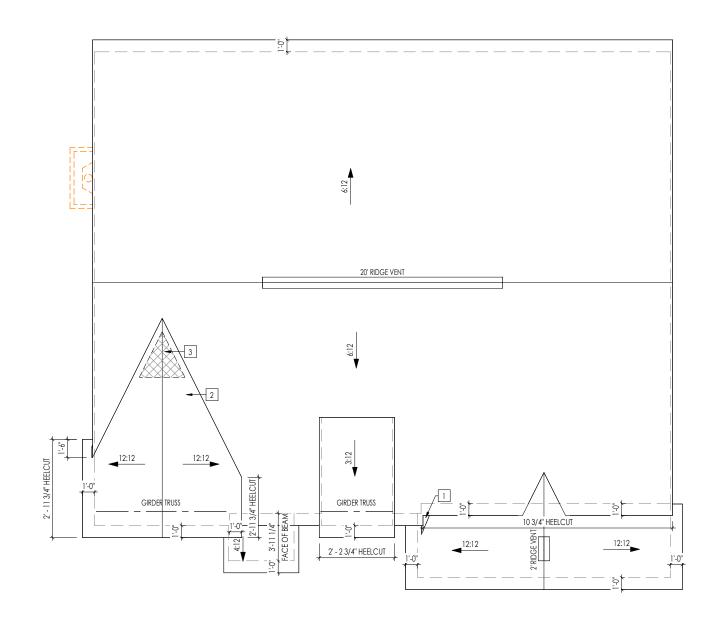
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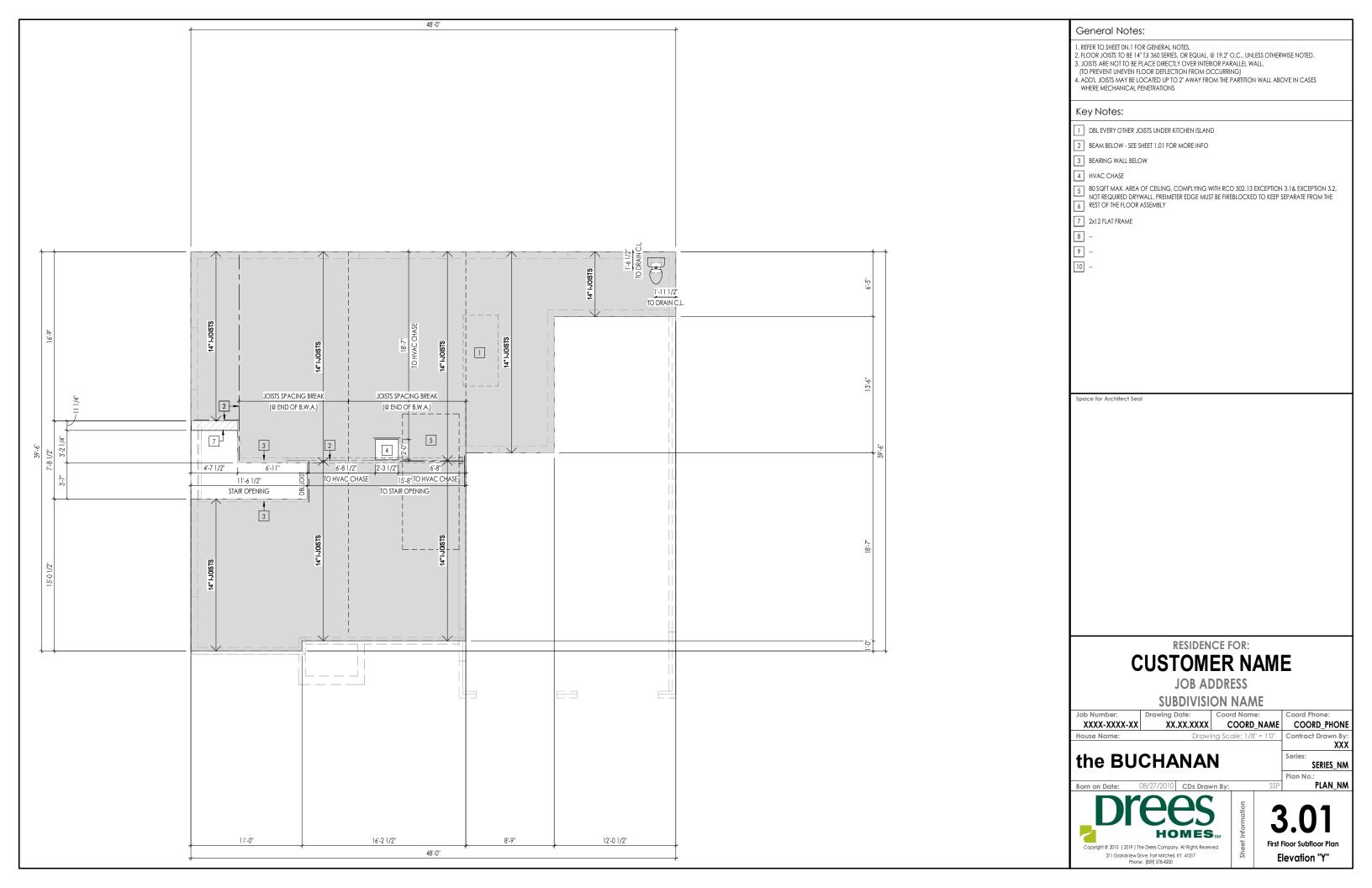
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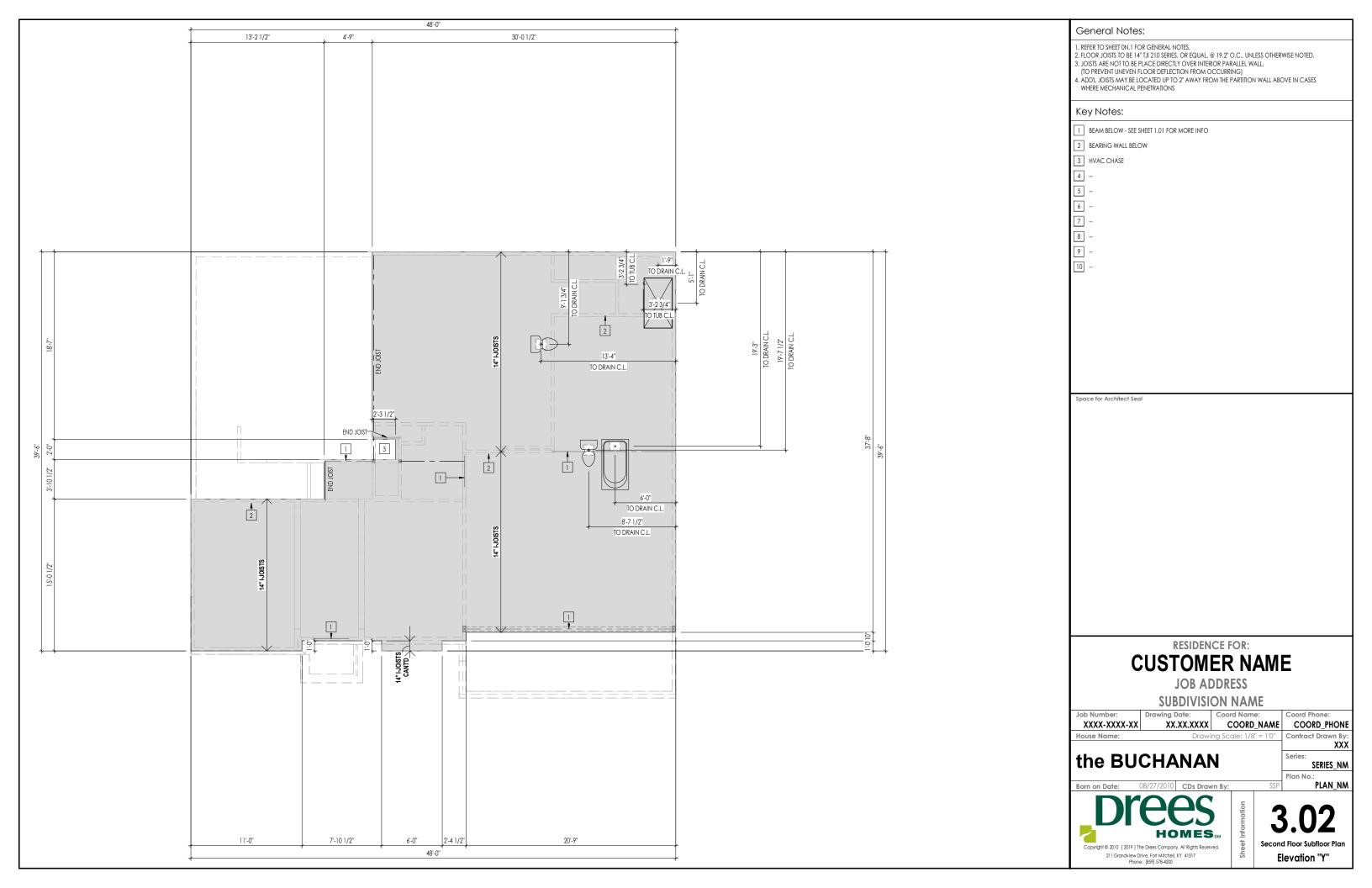
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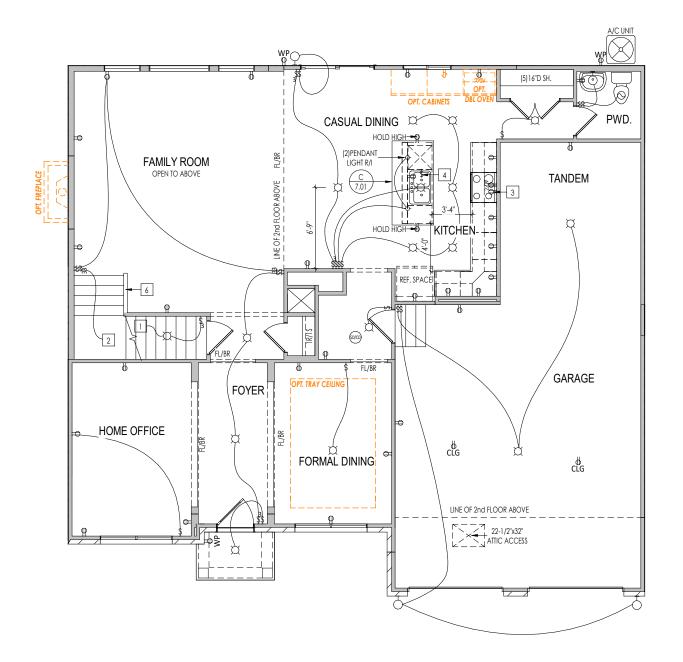
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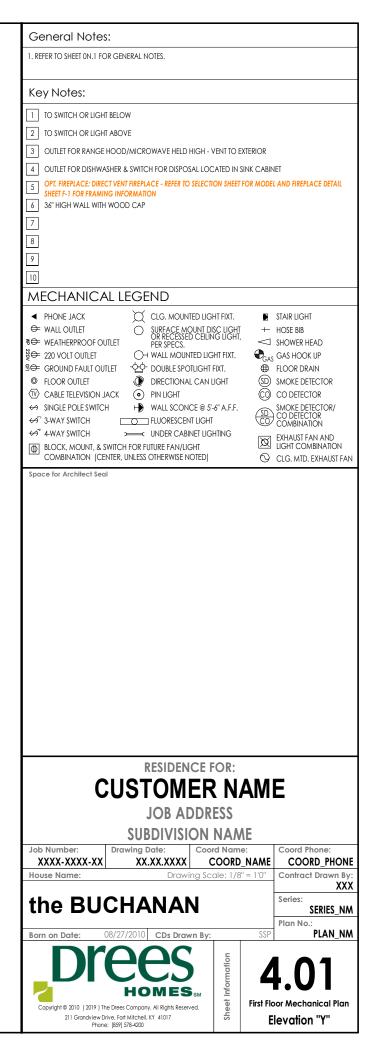
PLAN NM

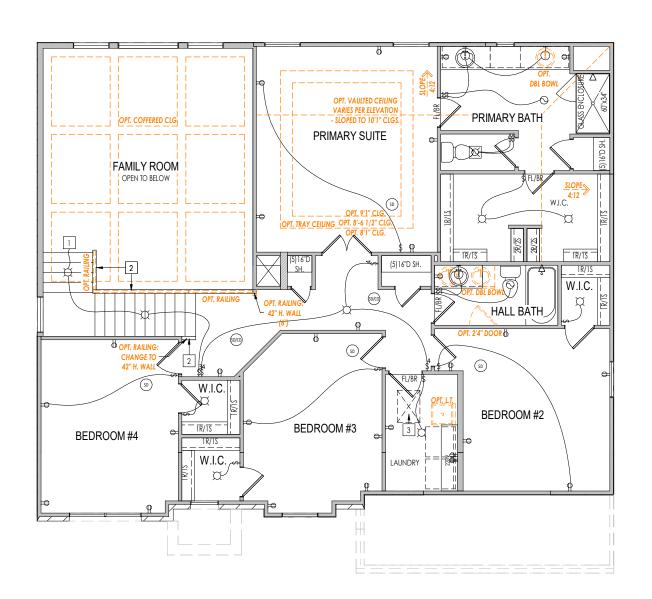


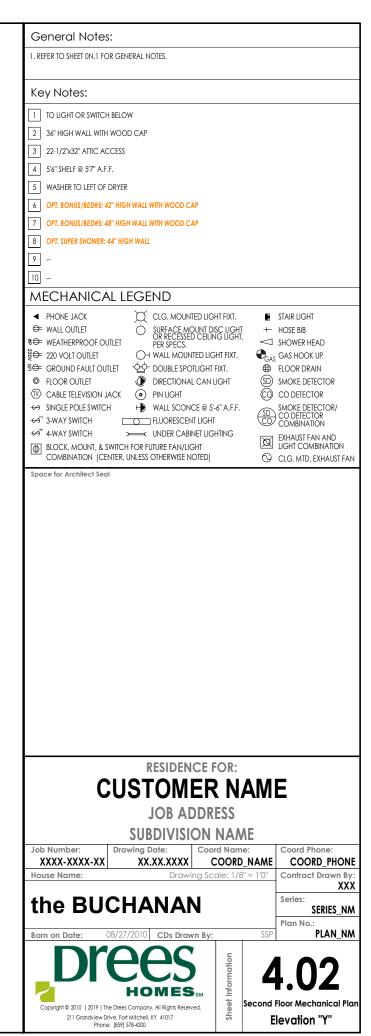


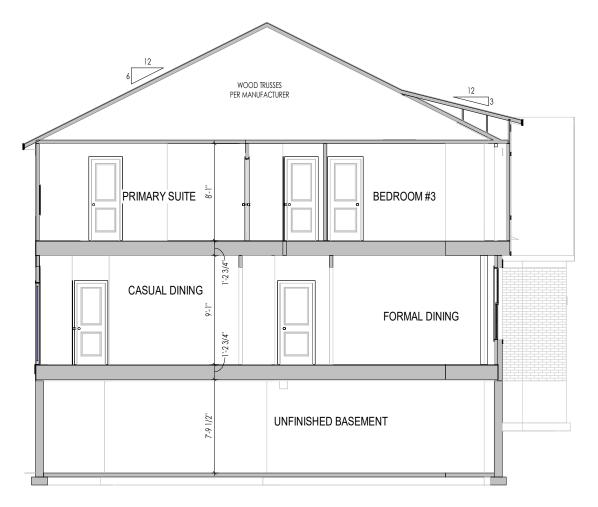




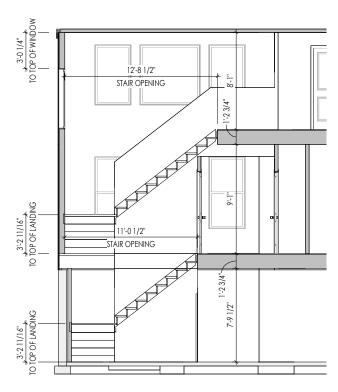




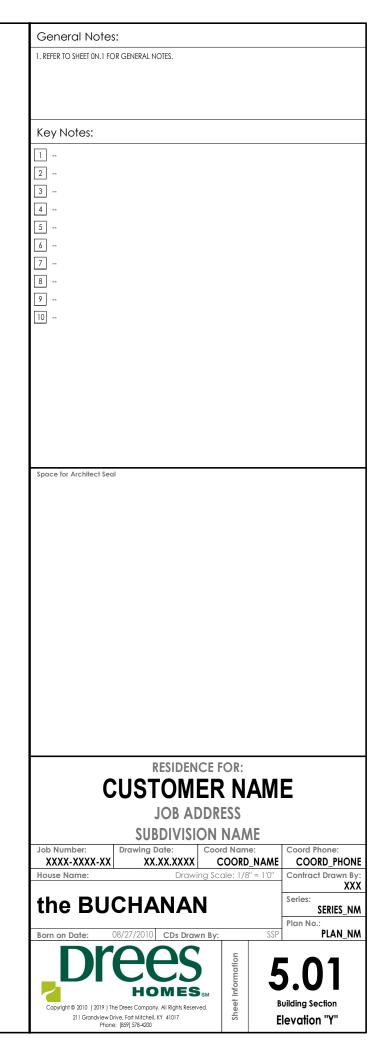




A BUILDING SECTION THRU FOYER 5.01 1/8" = 1'-0"



B STAIR SECTION 1/8" = 1'-0"





6" FASCIA (ALL SIDES)

8" FRIEZE (FRONT ONLY, UNLESS OTHERWISE NOTED)

General Notes:

1. REFER TO SHEET ON.1 FOR GENERAL NOTES. 2. ROOFING MATERIAL PER SELECTIONS.

Key Notes:

BRICK and STONE LINTEL SCHEDULE

	SPAN	36" HIGH	48" HIGH	LINTEL SIZE	WINDOW ABOVE
*STONE *BRICK	Up to 6'-0"			L3 ½ x 3 ½ x ¼	
ŏ	Up to 8'-3"			L5 x 3 ½ x ¾	
*BR	Up to 9'-3"			L6 x 4 x 5/16	L7 x 4 x 3/8
	Up to 16'-3"	L7 x 4 x 3/8	L8 x 4 x 1/2	L8 x 4 x ½	**per Design
	Up to 6'-0"			L4 x 3 ½ x ¼	
ONE	Up to 8'-3"			L5 x 3 ½ x ¾	
*ST	Up to 9'-3"		L6 x 4 x 3 ₈	L7 x 4 x 3/8	**per Design
	Up to 16'-3"		L8 x 4 x 1/2	**per Design	**per Design

All Lintels: 4" Minimum bearing required each end

* Brick is based on 40psf and Stone is based on 60psf

** Any lintels not described by the above parameters shall be specifically designed.

Space for Architect Seal

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

Coord Name: Job Number: Drawing Date: XX.XX.XXXX COORD_NAME COORD_PHONE XXXX-XXXX-XX House Name:

the **BUCHANAN**

SERIES_NM Plan No.: PLAN NM

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Elevation "Y"

3 12		12	6	
				CORNER TRIM
				≐

6" FASCIA (ALL SIDES)

8" FRIEZE (FRONT ONLY, UNLESS OTHERWISE NOTED)

General Notes:	
1. REFER TO SHEET (N. 1 FOR GENERAL NOTES. 2. ROOFING MATERIAL PER SELECTIONS. 3. REFER TO LINTEL SCHEDULE AS NEEDED ON SHEET 6.01.	
Key Notes:	
1 -	
2 -	
3	
4 5	
<u> </u>	
Space for Architect Seal	
RESIDENCE FOR:	
CUSTOMER NAME	

JOB ADDRESS

SUBDIVISION NAME

Job Number: Drawing Date: Coord Name: XXXX-XXXX-XX XX.XX.XXXX COORD_NAME COORD_PHONE House Name: Contract Drawn By:

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Plan No.:
PLAN_NM

SERIES_NM

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Garage Side Elevation Elevation "Y"



6" FASCIA (ALL SIDES)

8" FRIEZE (FRONT ONLY, UNLESS OTHERWISE NOTED)

General Notes:
. REFER TO SHEET ON, 1 FOR GENERAL NOTES. . ROOFING MATERIAL PER SELECTIONS. . REFER TO LINTEL SCHEDULE AS NEEDED ON SHEET 6.01.
Key Notes:
<u> </u>
2 -
3 -
2 - 3 - 4 - 5 -
<u> </u>
Space for Architect Seal

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

Job Number: Drawing Date: Coord Name: XXXX-XXXX-XX XX.XX.XXXX COORD_NAME COORD_PHONE House Name:

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211 Grandview Drive, Fort Mitchell, KY 41017 Phone: [859] 578-4200 Elevation "Y"

6	
	12 4
	B 7.02

6" FASCIA (ALL SIDES)

8" FRIEZE (FRONT ONLY, UNLESS OTHERWISE NOTED)

_	
	General Notes:
	1. REFER TO SHEET ON.1 FOR GENERAL NOTES.
	2. ROOFING MATERIAL PER SELECTIONS. 3. REFER TO LINTEL SCHEDULE AS NEEDED ON SHEET 6.01.
	Key Notes:
	1) -
	2 -
	3 -
	4 -
	5 -
	Space for Architect Seal
	RESIDENCE FOR:
	CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

Drawing Date: Coord Name: COORD_NAME Job Number: XXXX-XXXX-XX COORD_PHONE House Name: Contract Drawn By:

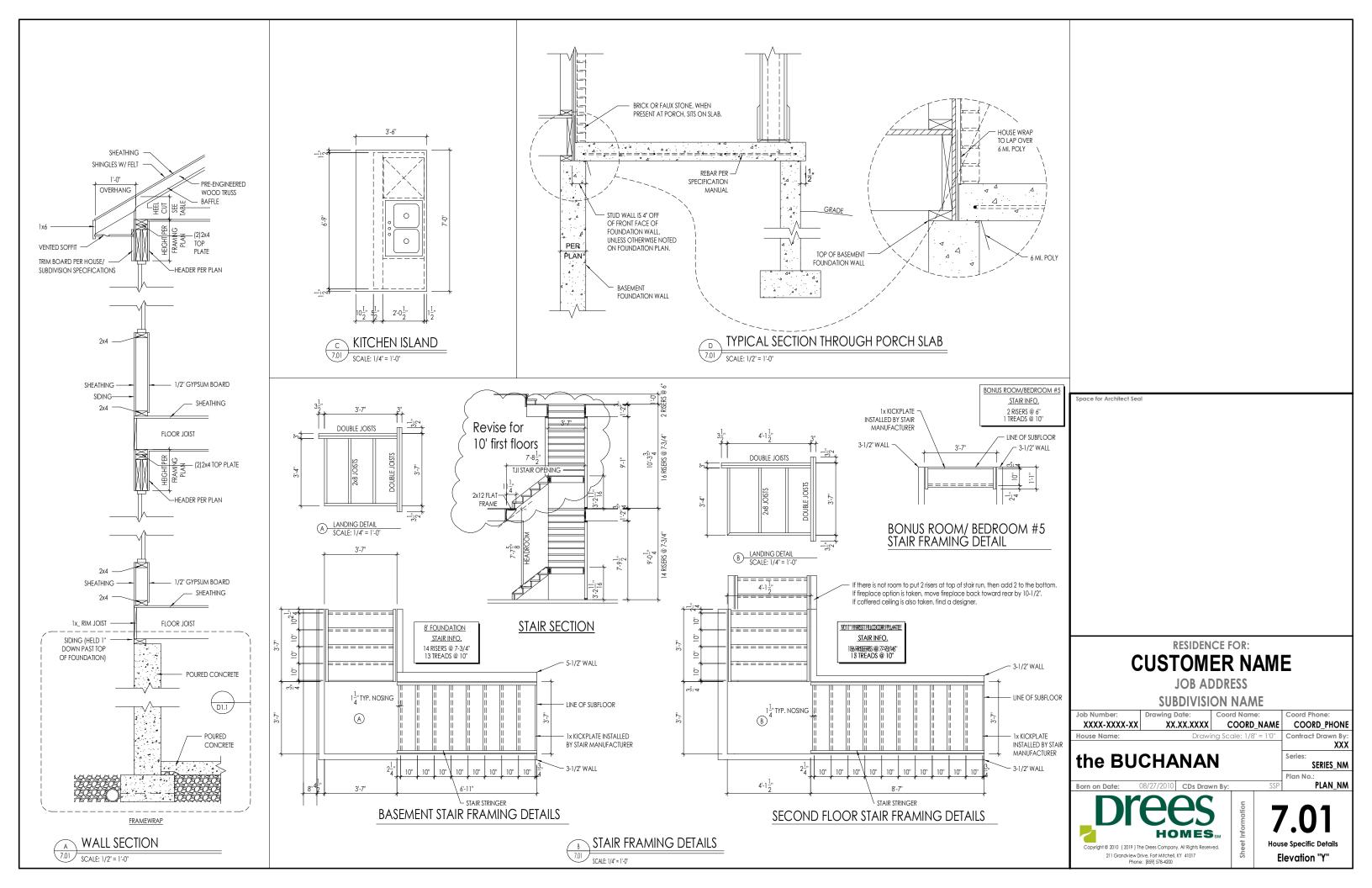
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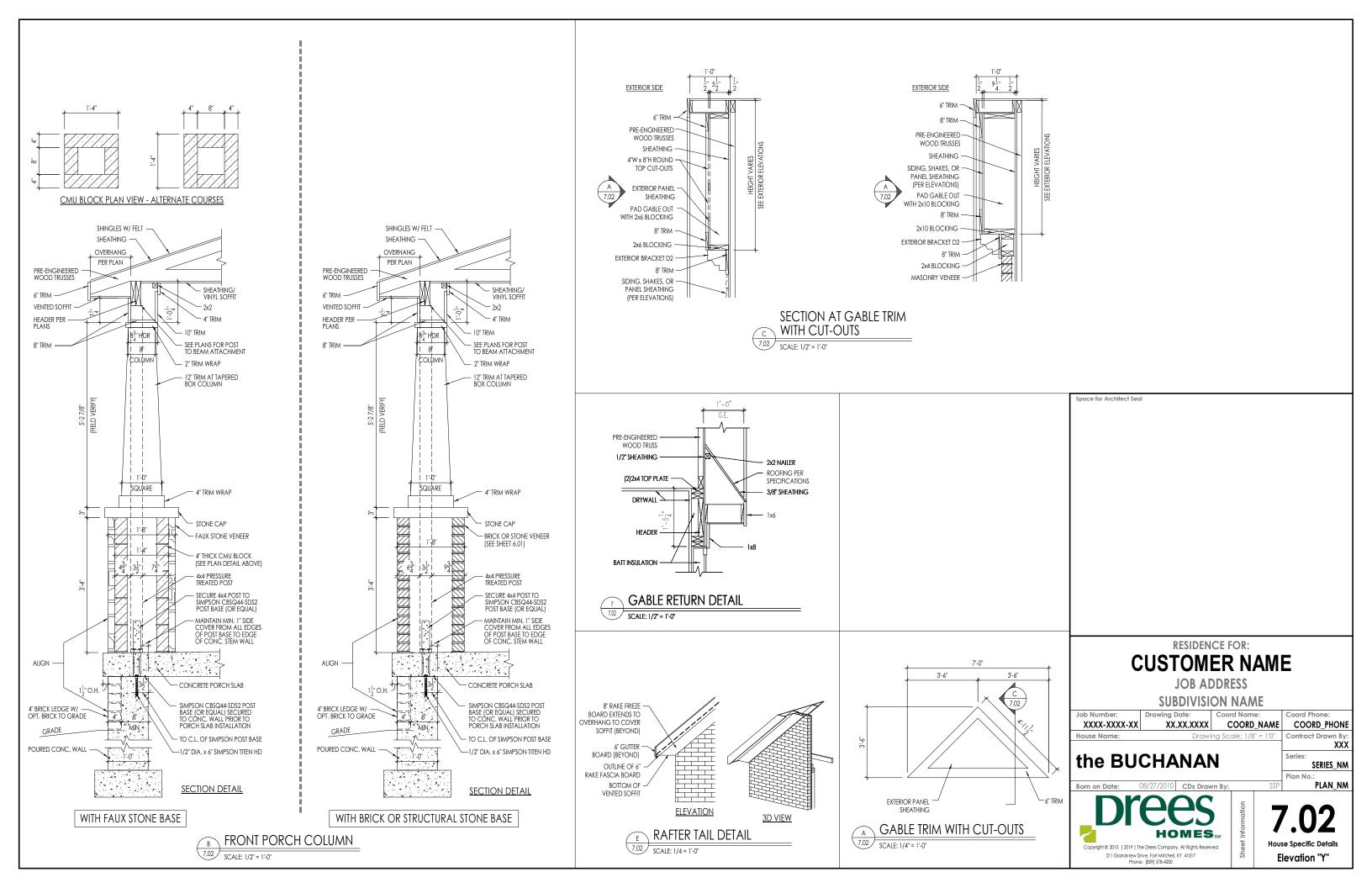
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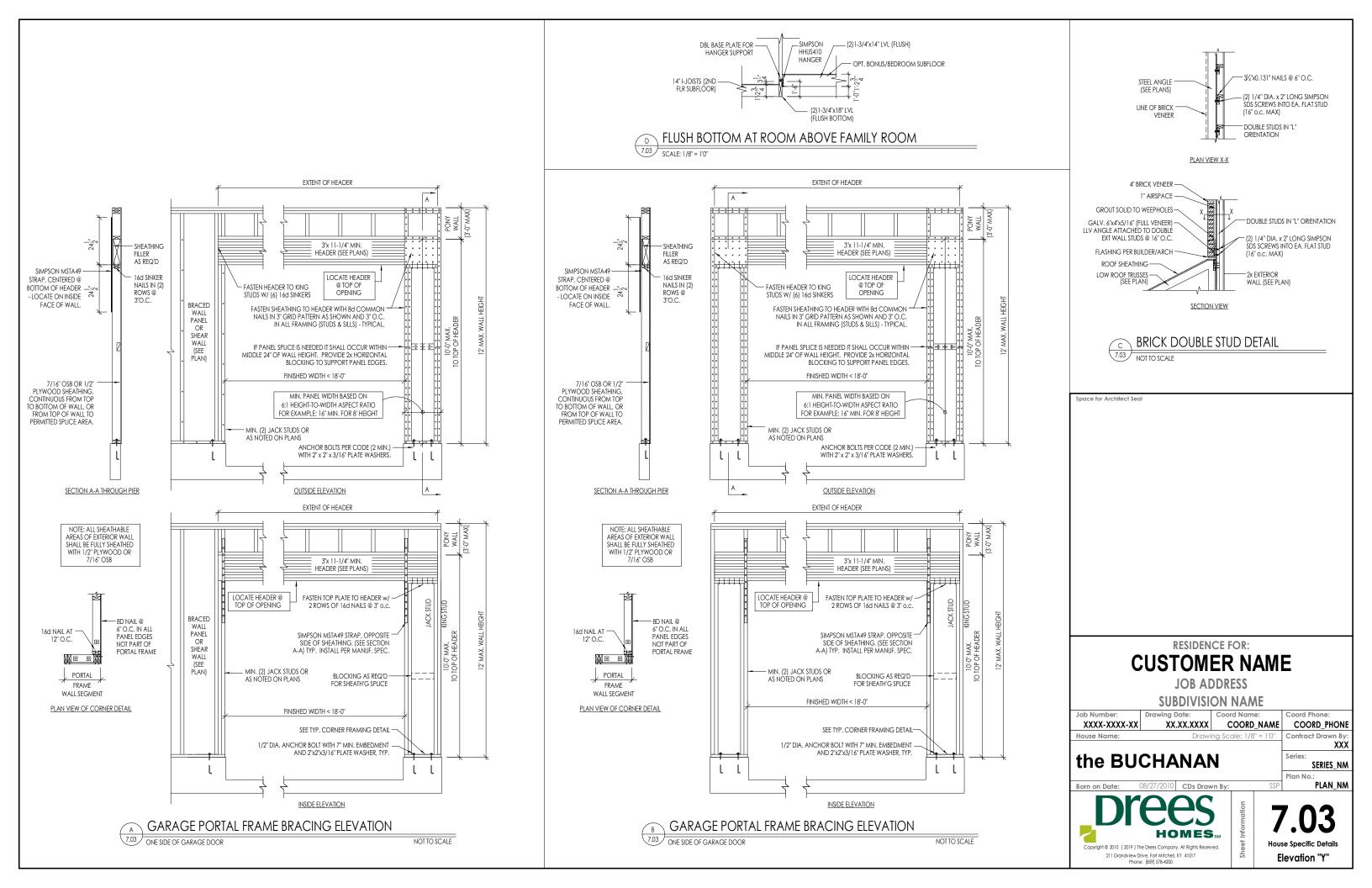
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PLAN_NM

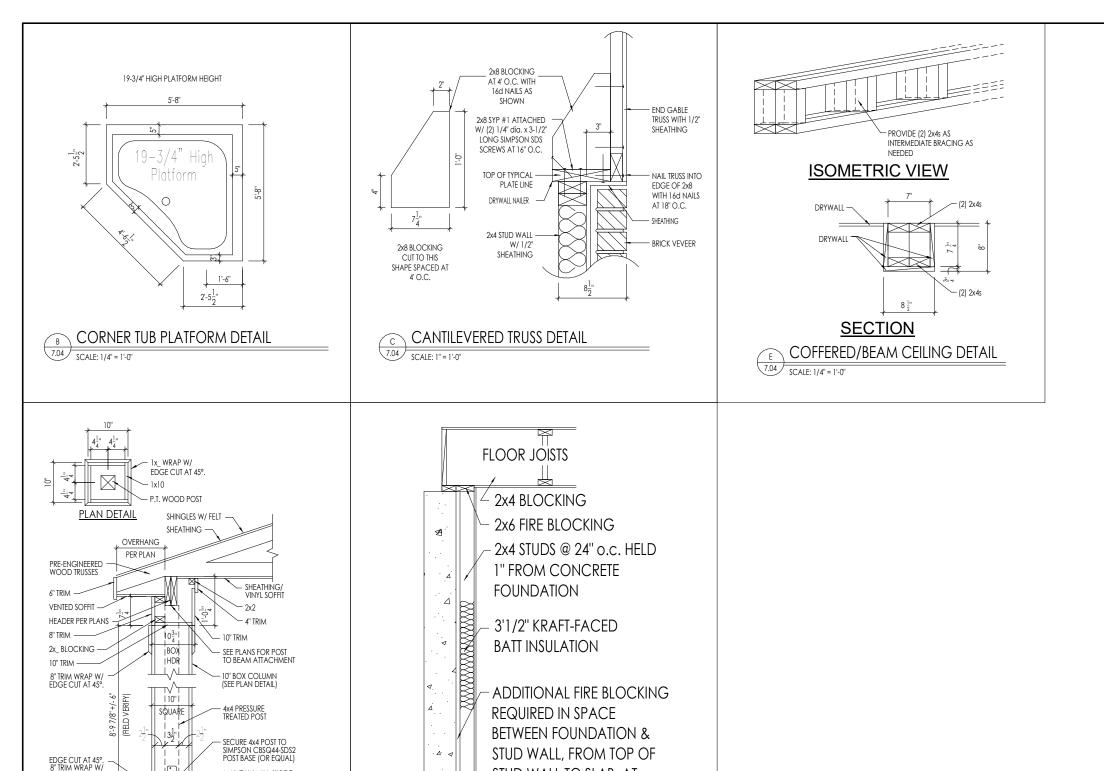
Elevation "Y"

SERIES_NM









STUD WALL TO SLAB, AT

PRESSURE TREATED

ANCHORED TO SLAB

LL FRAME DETAIL

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

2x4 SILL PLATE

10'-0" O.C.

INTERVALS NOT EXCEEDING

- MAINTAIN MIN, 1" SIDE COVER FROM ALL EDGES OF POST BASE TO EDGE OF CONC. STEM WALL

- CONCRETE PORCH SLAB

SIMPSON CBSQ44-SDS2 POST

- TO C.L. OF SIMPSON POST BASE

-1/2" DIA. x 6" SIMPSON TITEN HD

SECTION DETAIL

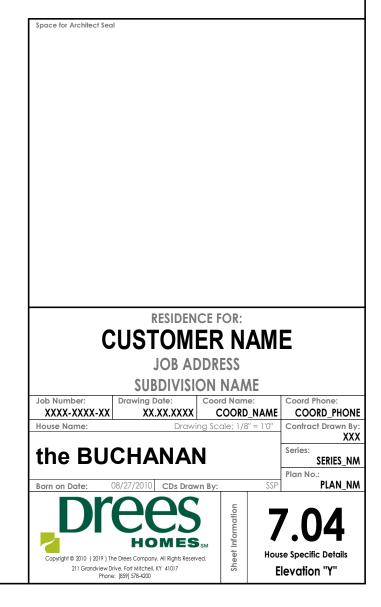
REAR PORCH COLUMN DETAIL

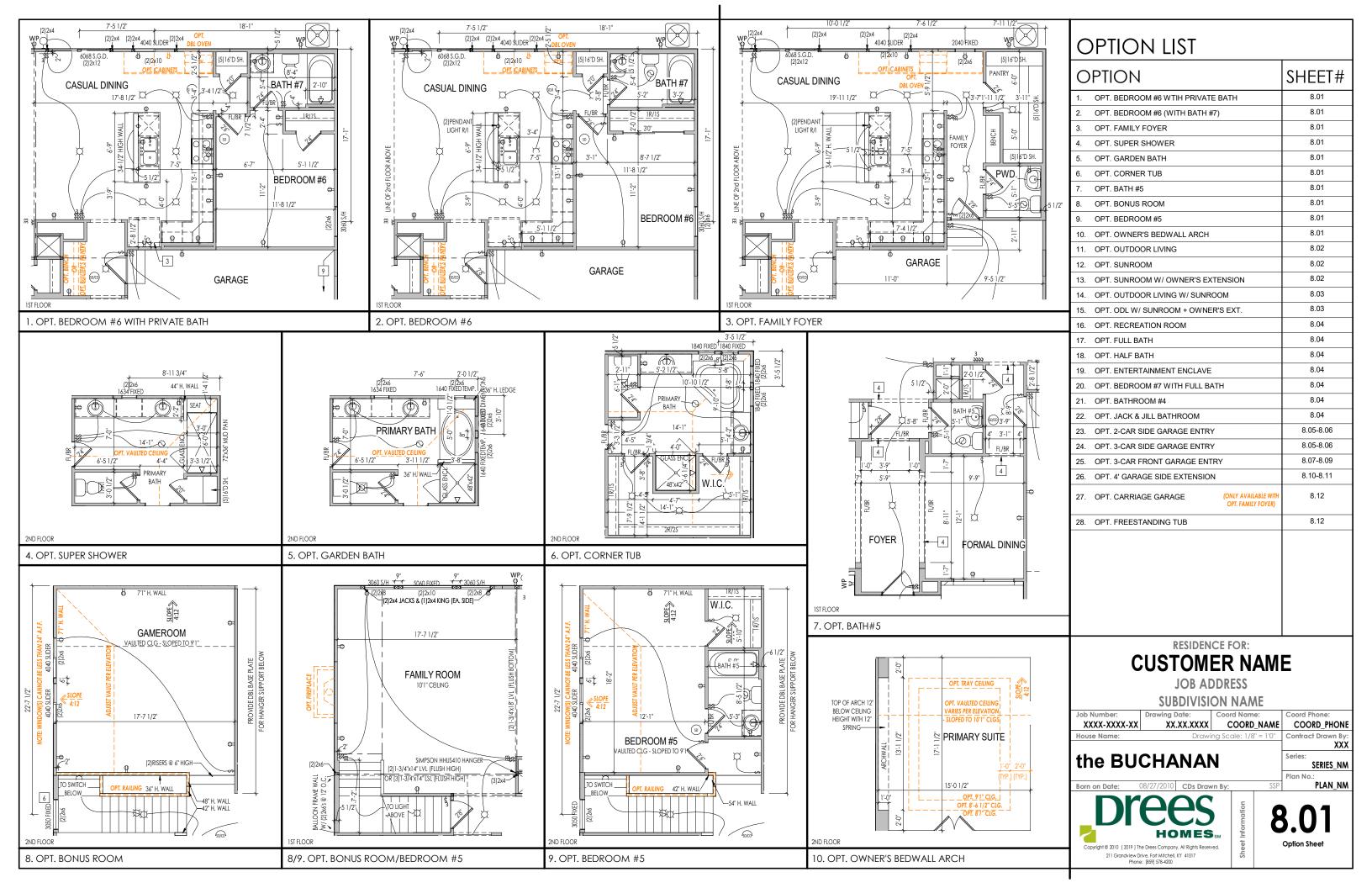
1¹/₂" O.H.

4" BRICK LEDGE W/ — OPT. BRICK TO GRADE

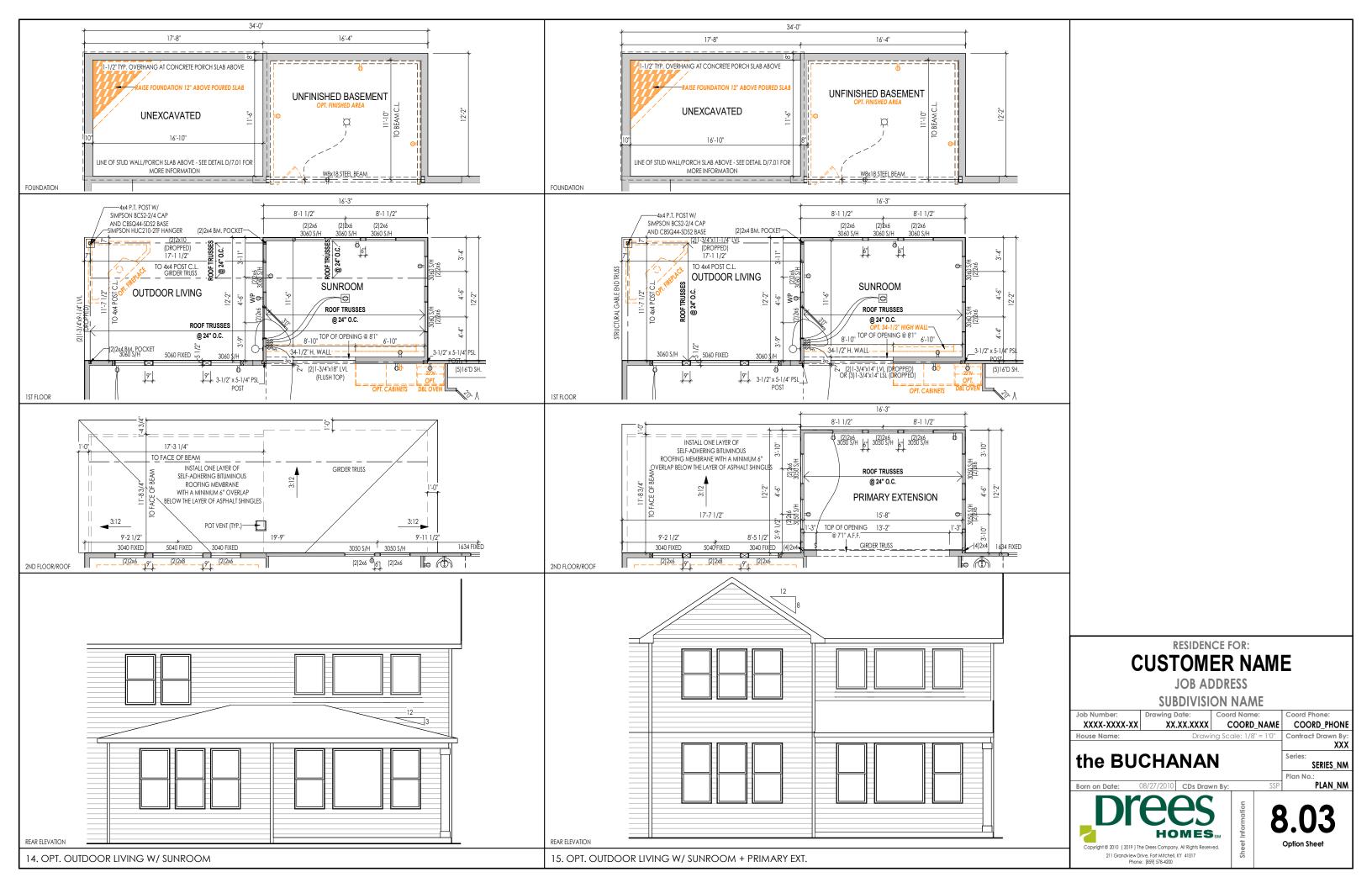
POURED CONC. WALL

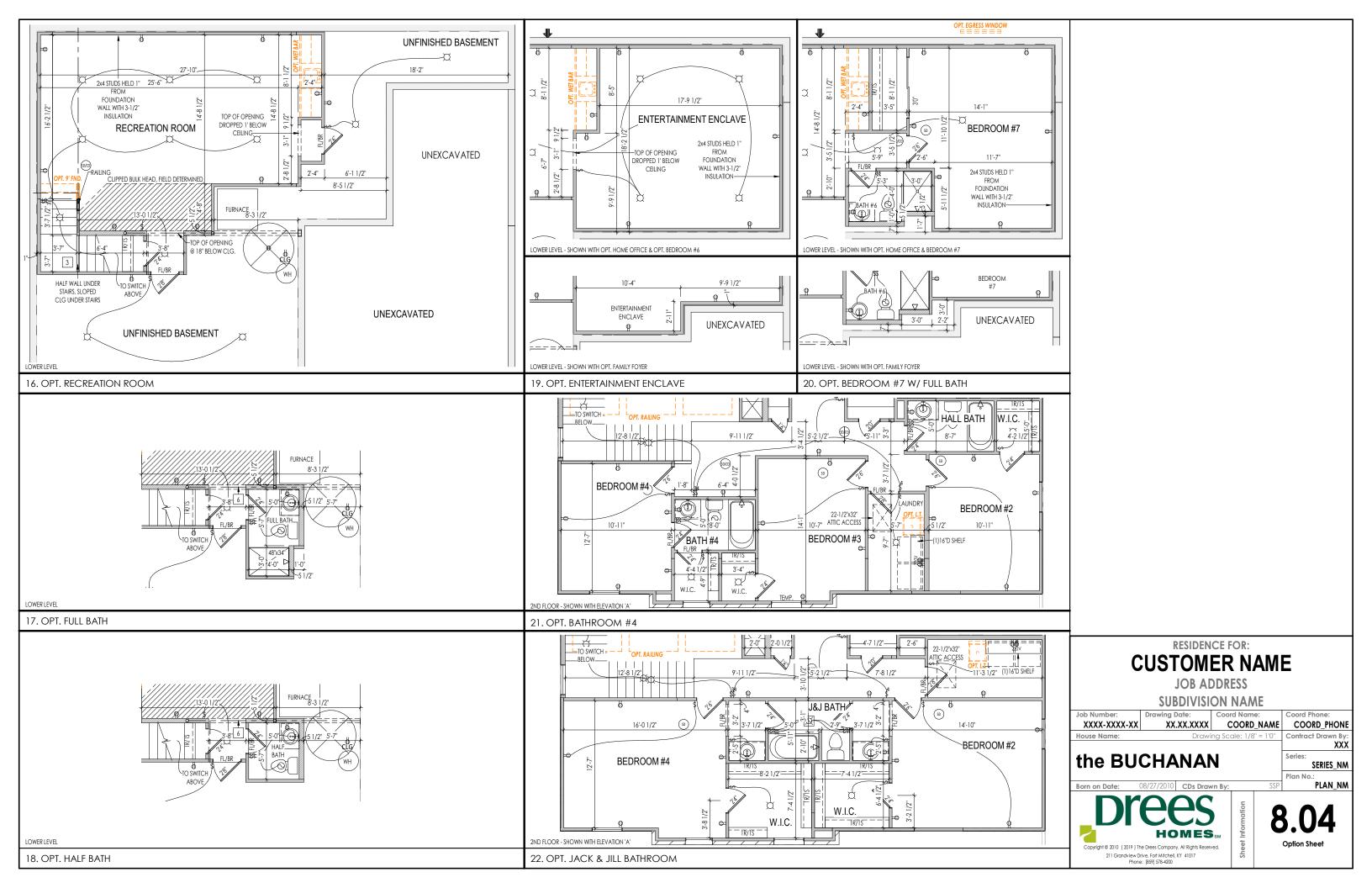
A KEAN I CALE: 1/2" = 1'-0"





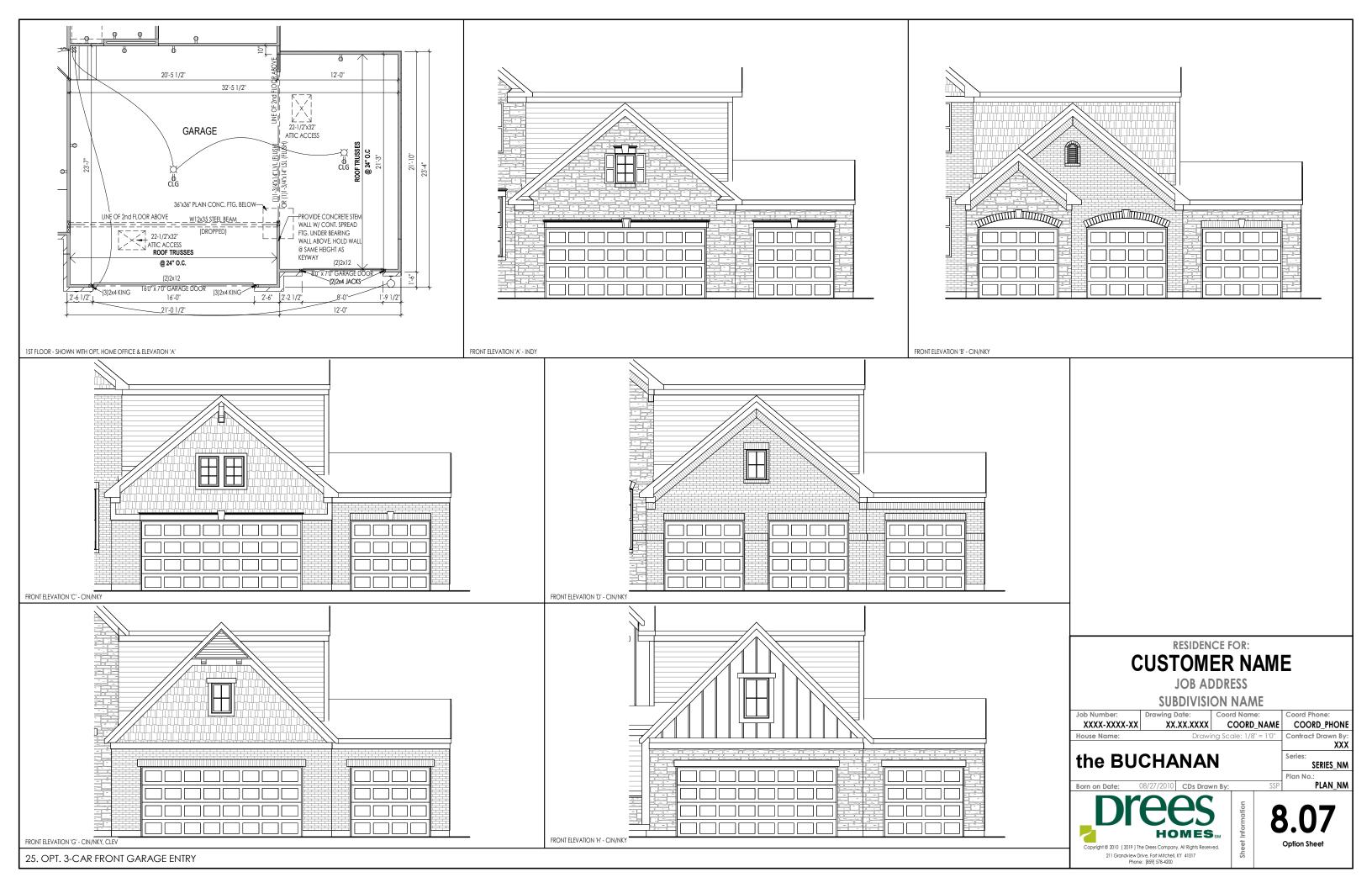




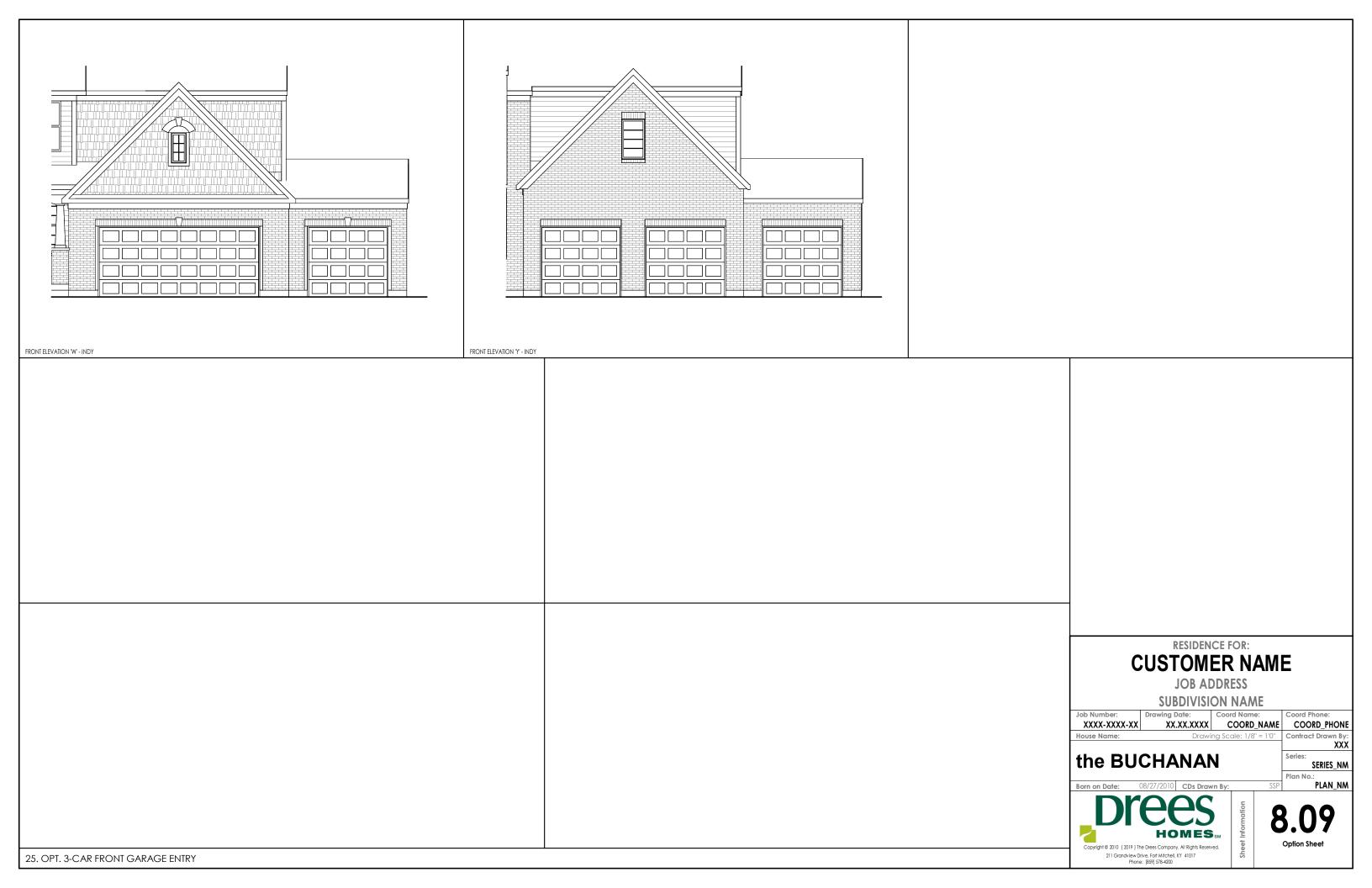






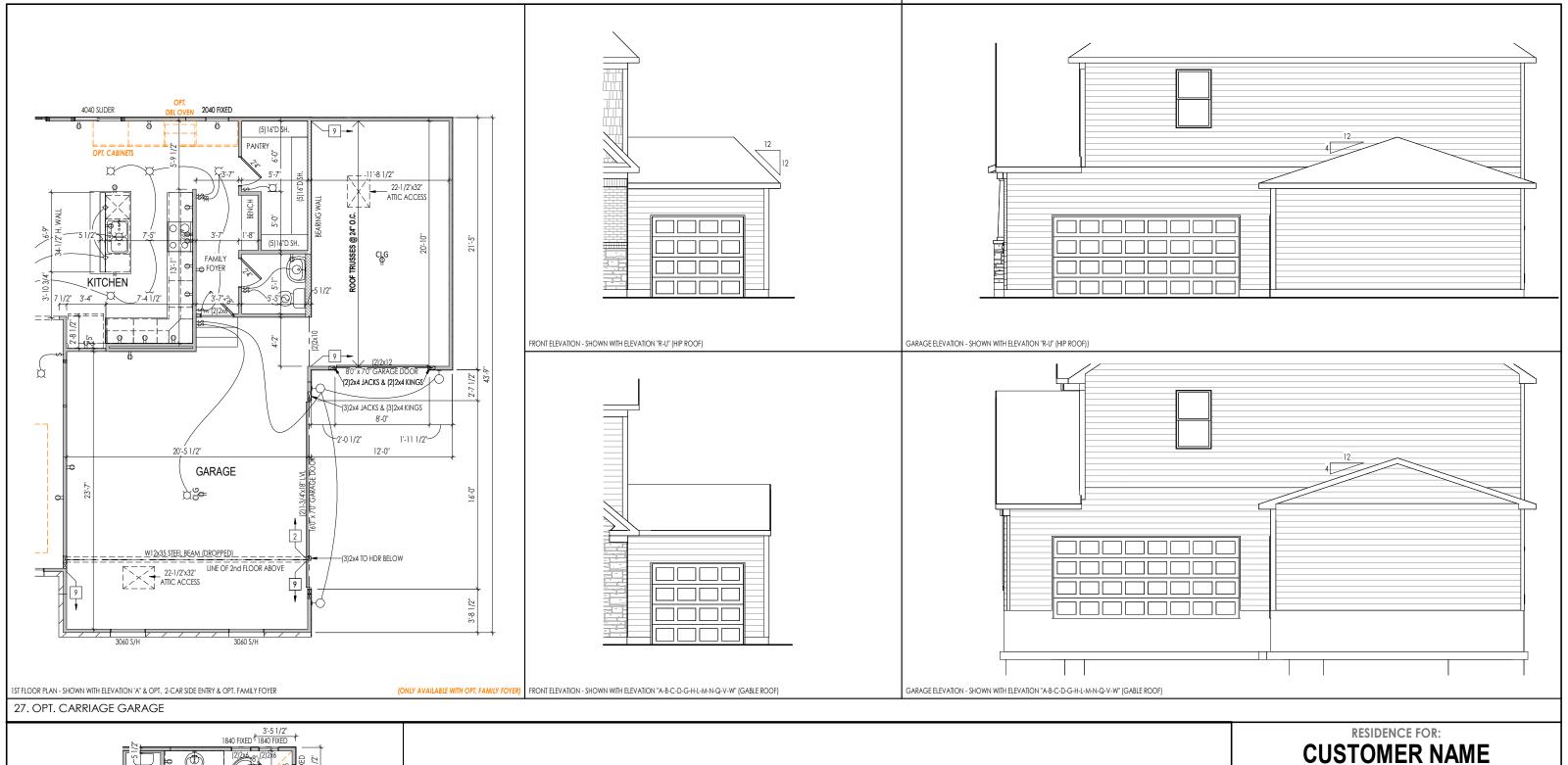


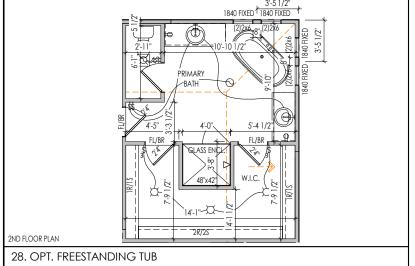














JOB ADDRESS

SUBDIVISION NAME

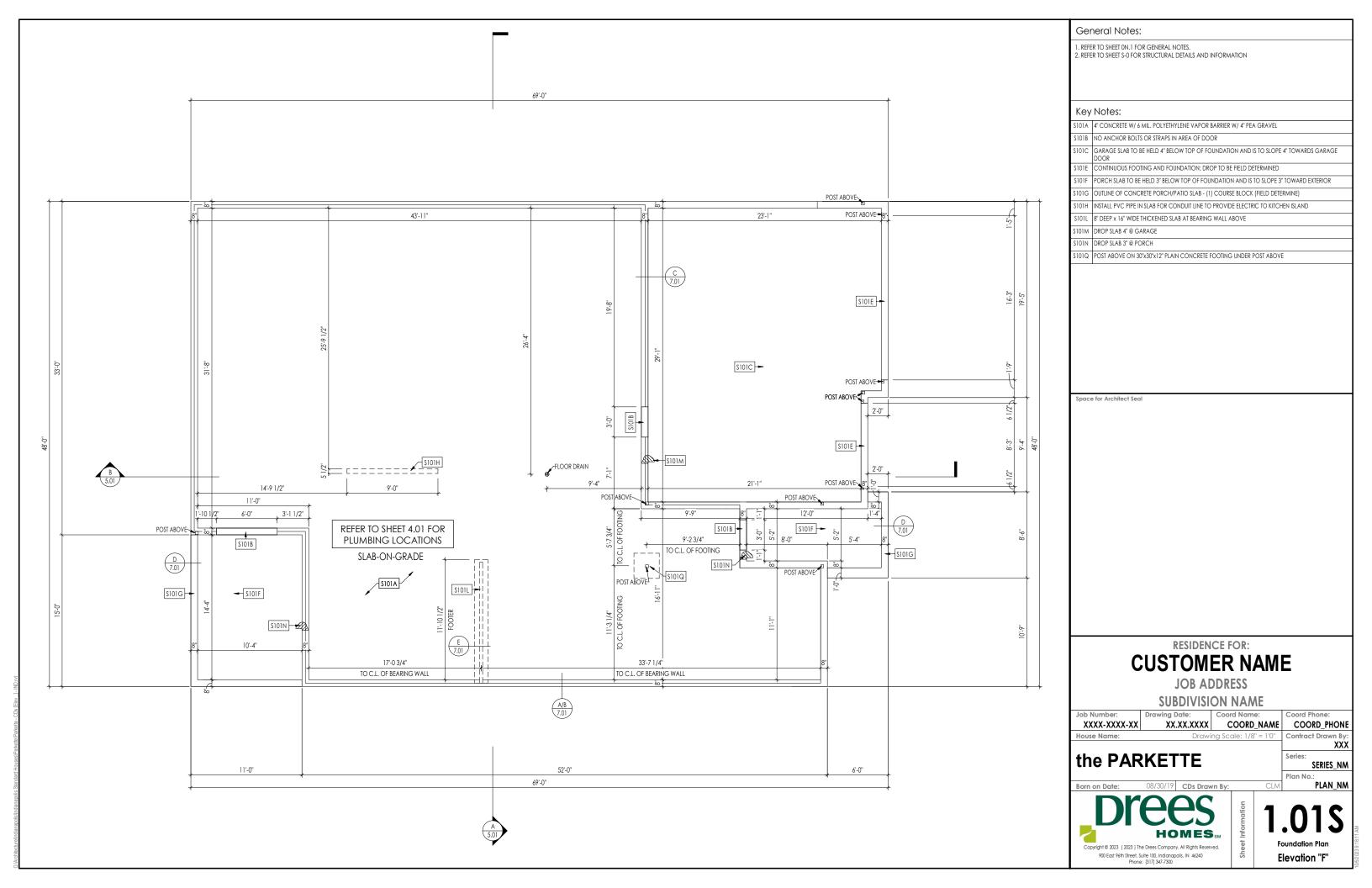


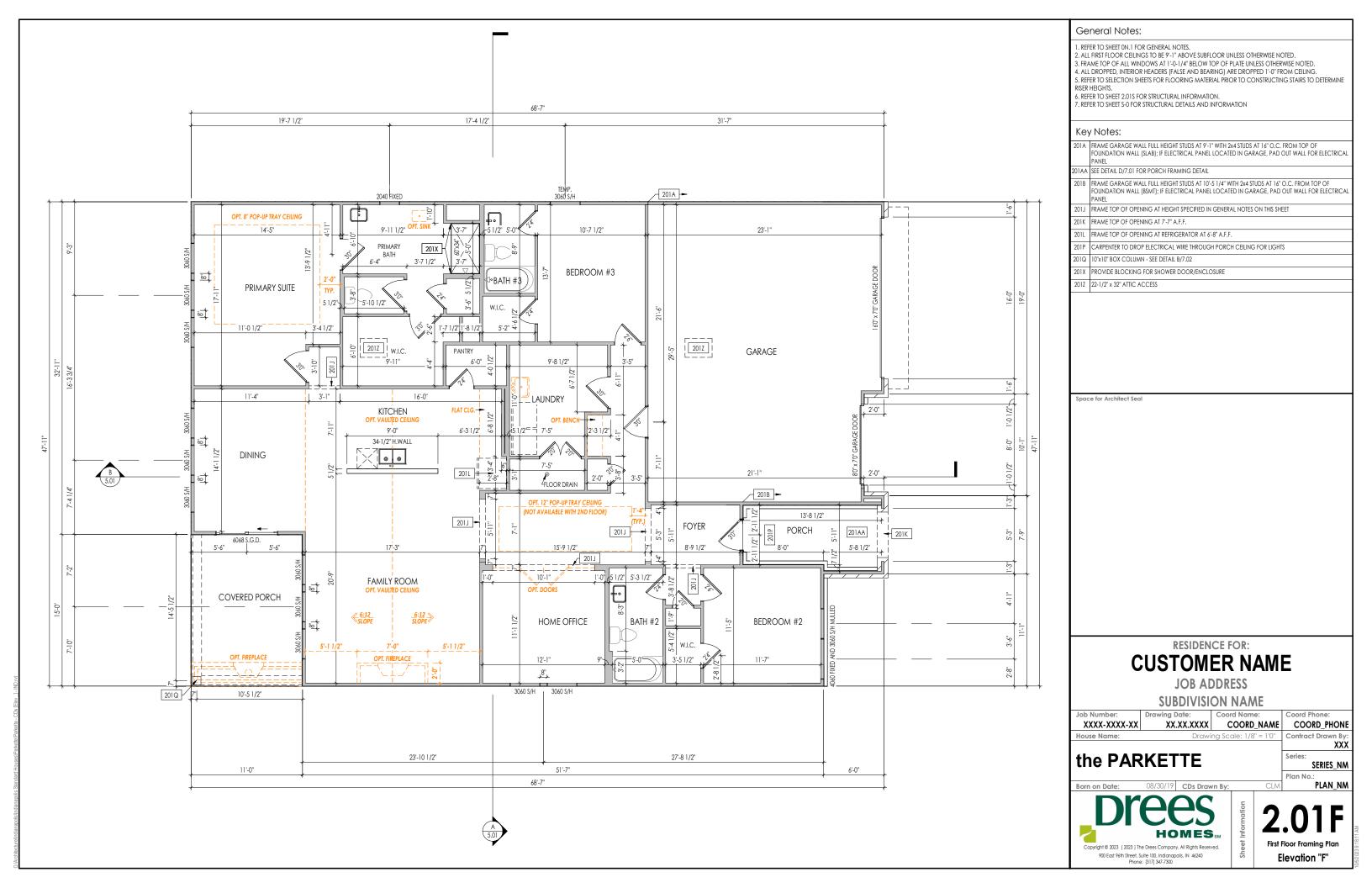
XX.XX.XXXX COORD_NAME COORD_PHONE

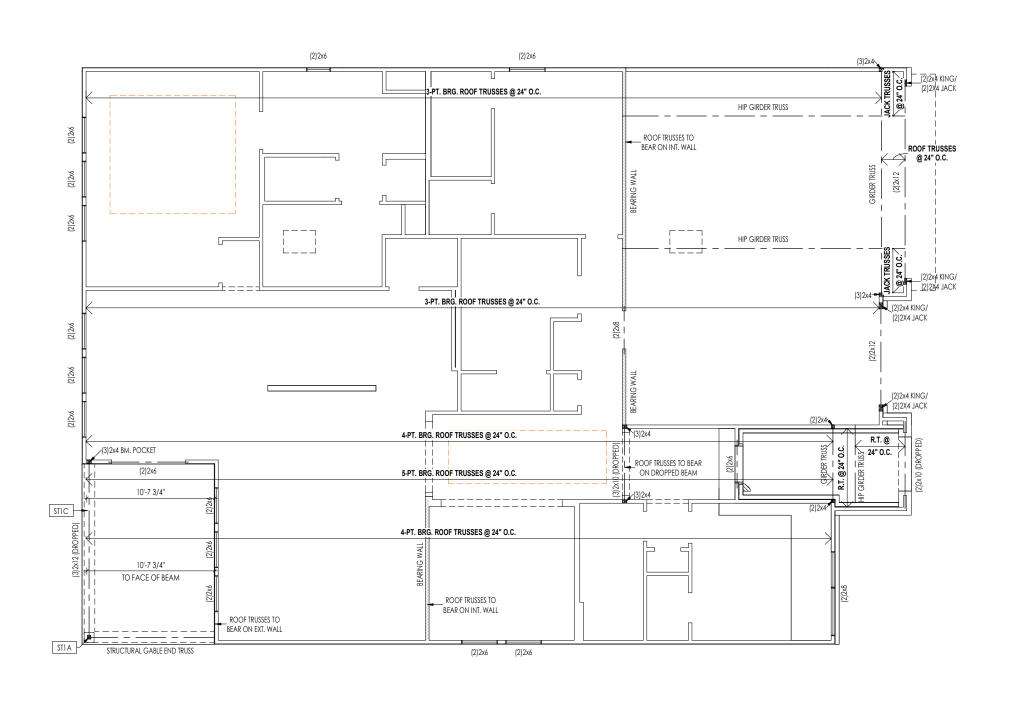
the BUCHANAN

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SERIES_NM PLAN_NM







General Notes: 1. REFER TO SHEET ON.1 FOR GENERAL NOTES. 2. REFER TO SHEET S-0 FOR STRUCTURAL DETAILS AND INFORMATION Key Notes: STIA 4x4 P.T. WOOD POST WITH SIMPSON ABW44Z POST BASE AND SIMPSON BCS2-2/4 CAP-SLAB

STIC FRAME TOP OF BEAM AT 9'-1" ABOVE INTERIOR FIRST FLOOR SUBFLOOR/SLAB

Space for Architect Seal

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

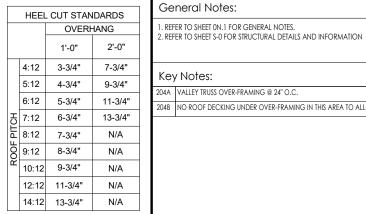
Coord Name: Job Number: Drawing Date: XX.XX.XXXX COORD_NAME COORD_PHONE XXXX-XXXX-XX House Name:

the PARKETTE

SERIES_NM PLAN NM

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Elevation "F"

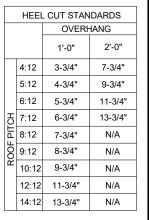


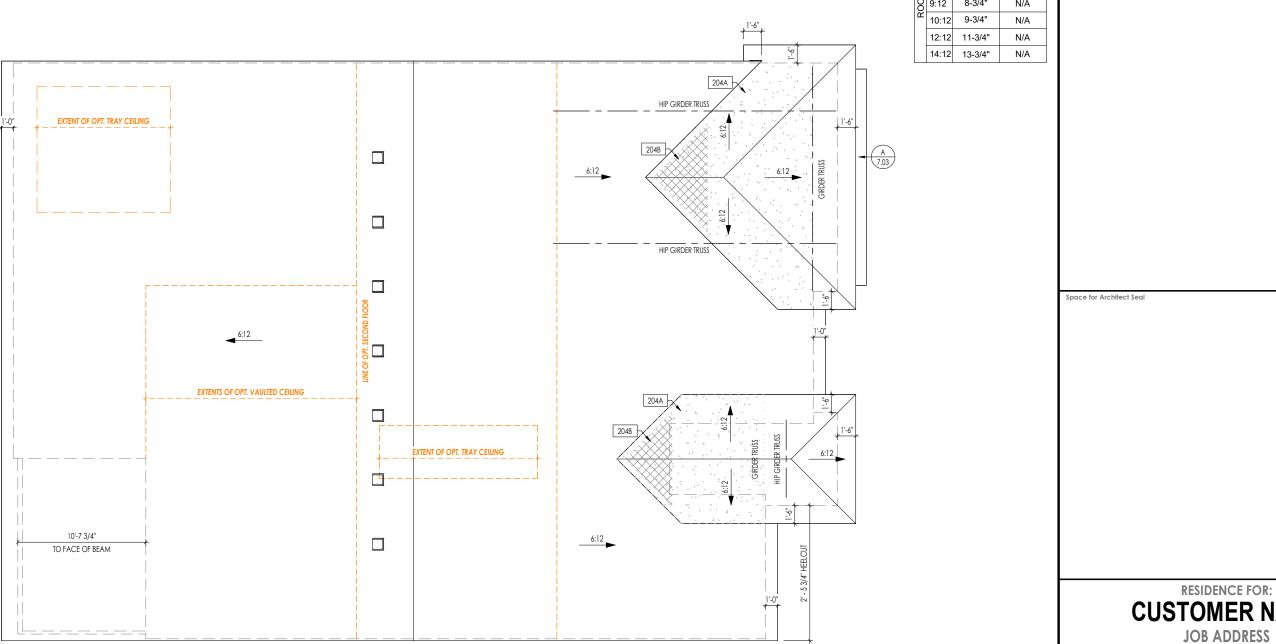
General Notes:

204A VALLEY TRUSS OVER-FRAMING @ 24" O.C.

204B NO ROOF DECKING UNDER OVER-FRAMING IN THIS AREA TO ALLOW FOR PROPER ATTIC VENTILATION

Key Notes:





CUSTOMER NAME

SUBDIVISION NAME

Job Number: Coord Name: Drawing Date: XX.XX.XXXX COORD_NAME COORD_PHONE XXXX-XXXX-XX House Name:

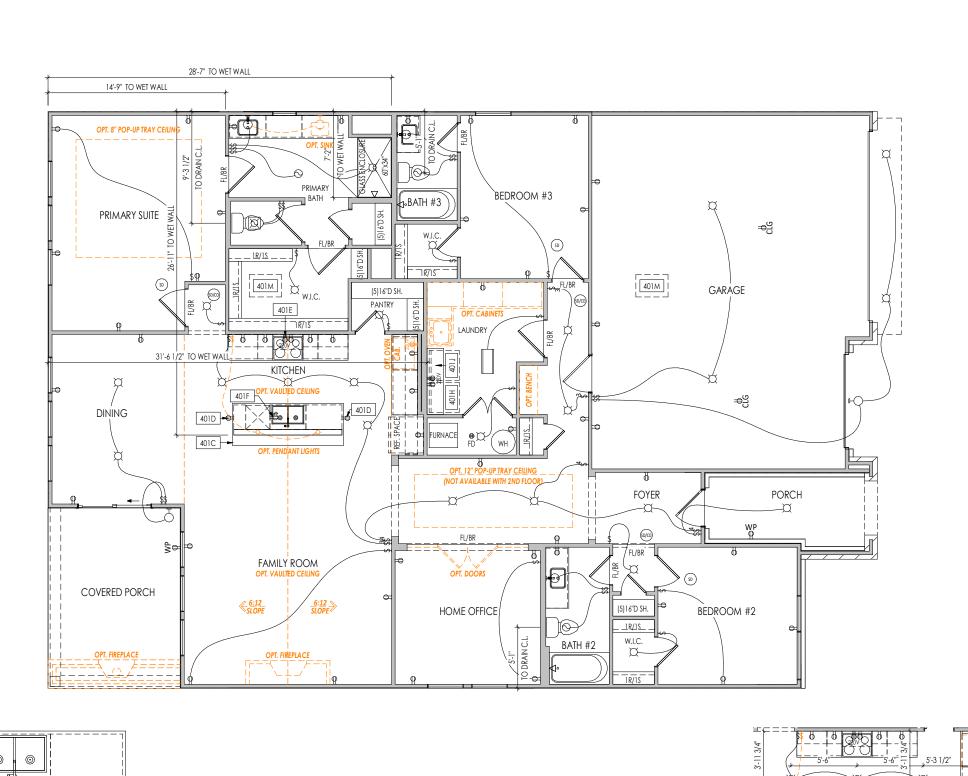
the PARKETTE

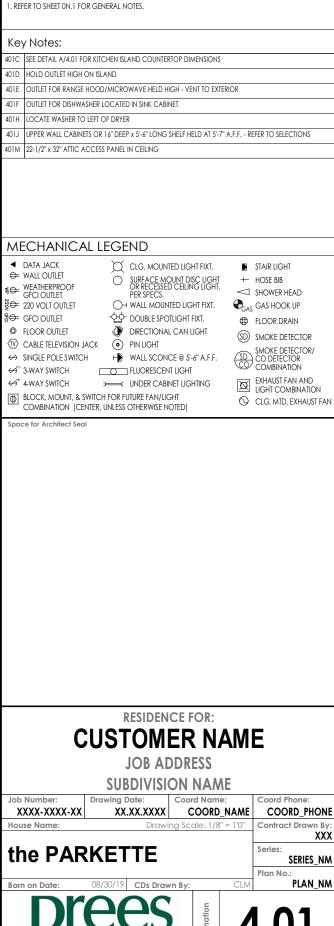
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Elevation "F"





Job Number: XXXX-XXXX-XX House Name:

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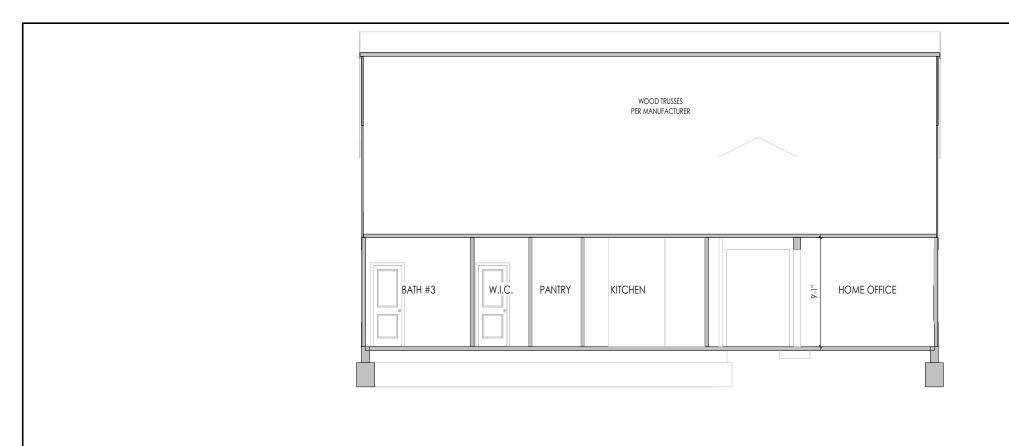
Elevation "F"

9'-3" A KITCHEN ISLAND DETAIL 4.01 1/4" = 1'-0"

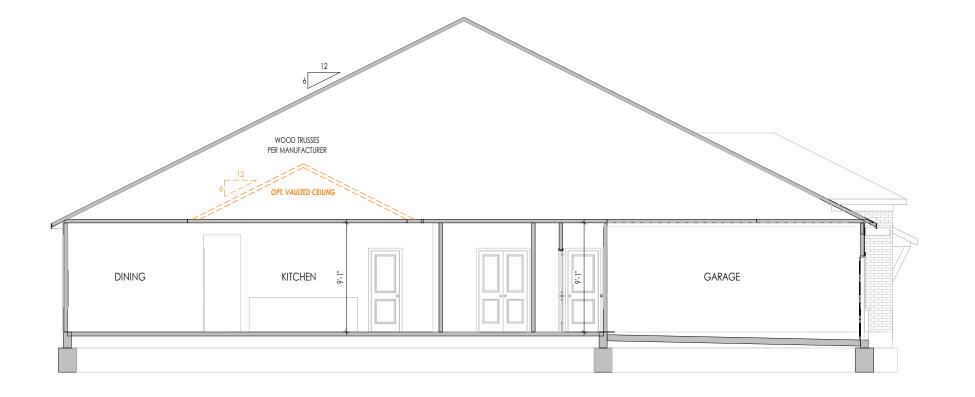
9'-0"

1 1/2"

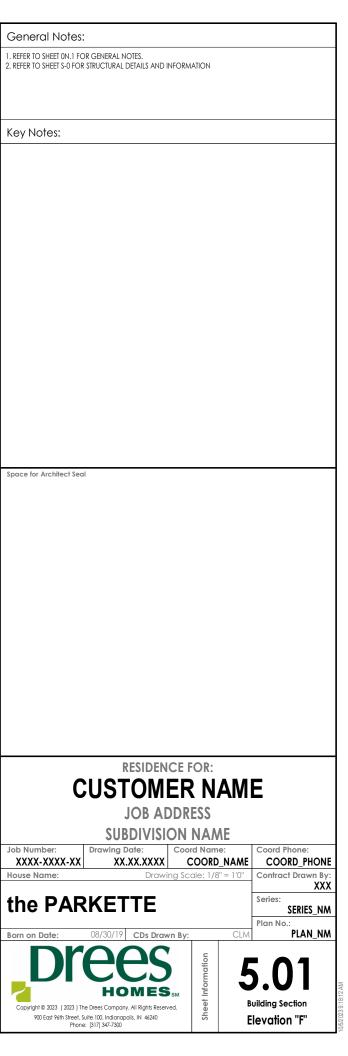
B KITCHEN LIGHTING DETAIL 4.01 1/8" = 1'-0"





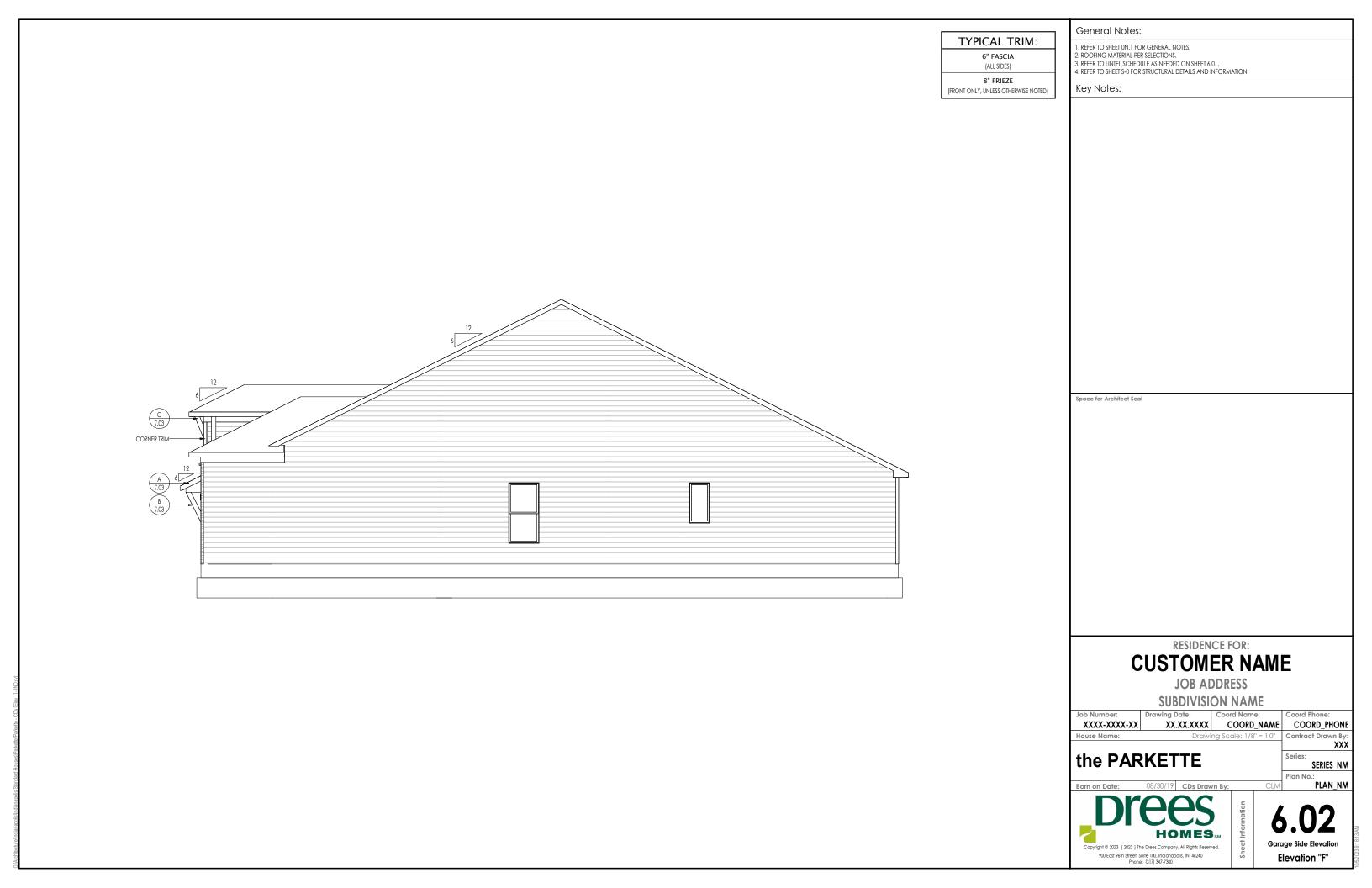


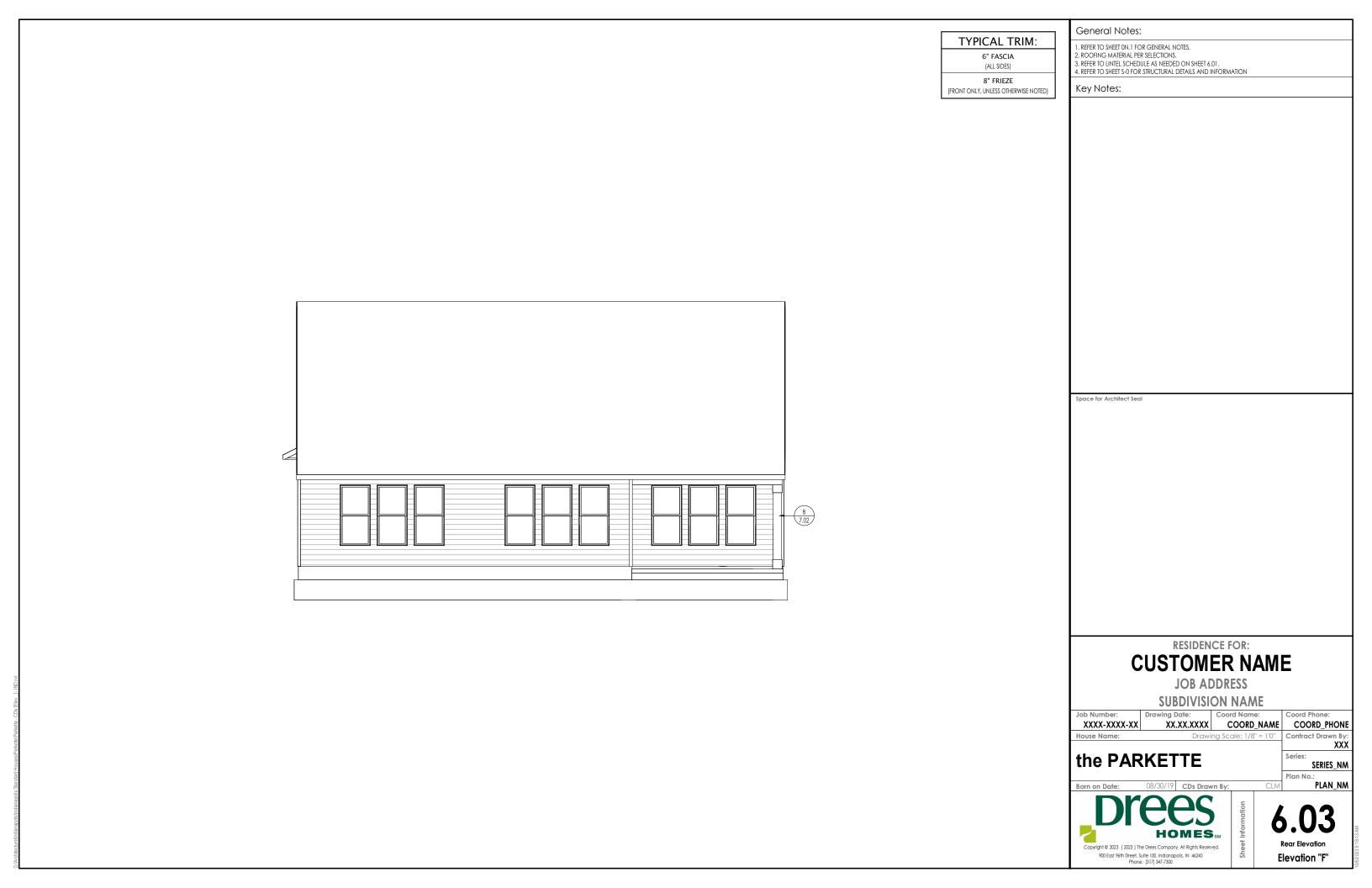
B BUILDING SECTION THRU GARAGE
5.01 1/8" = 1'-0"

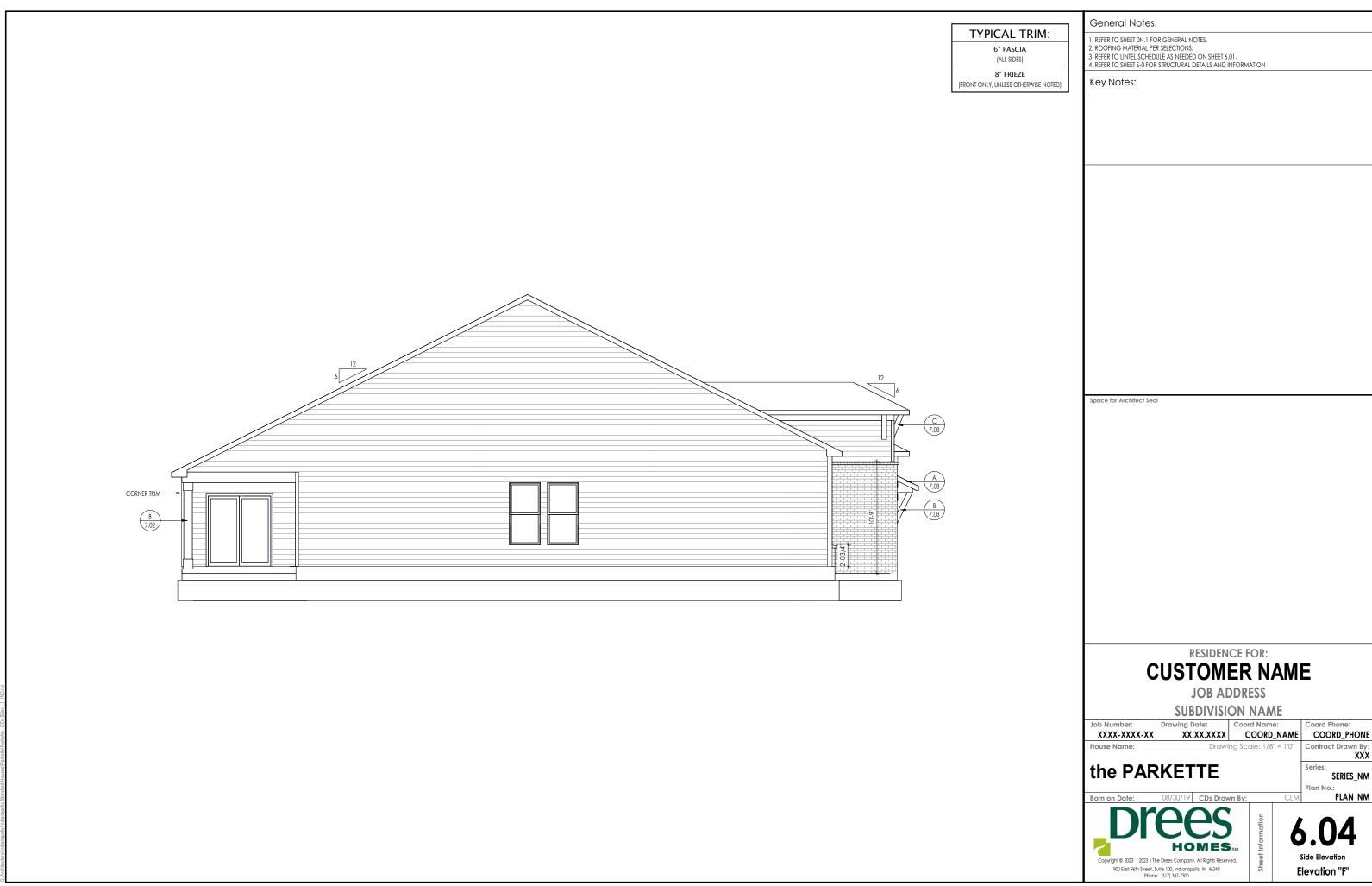


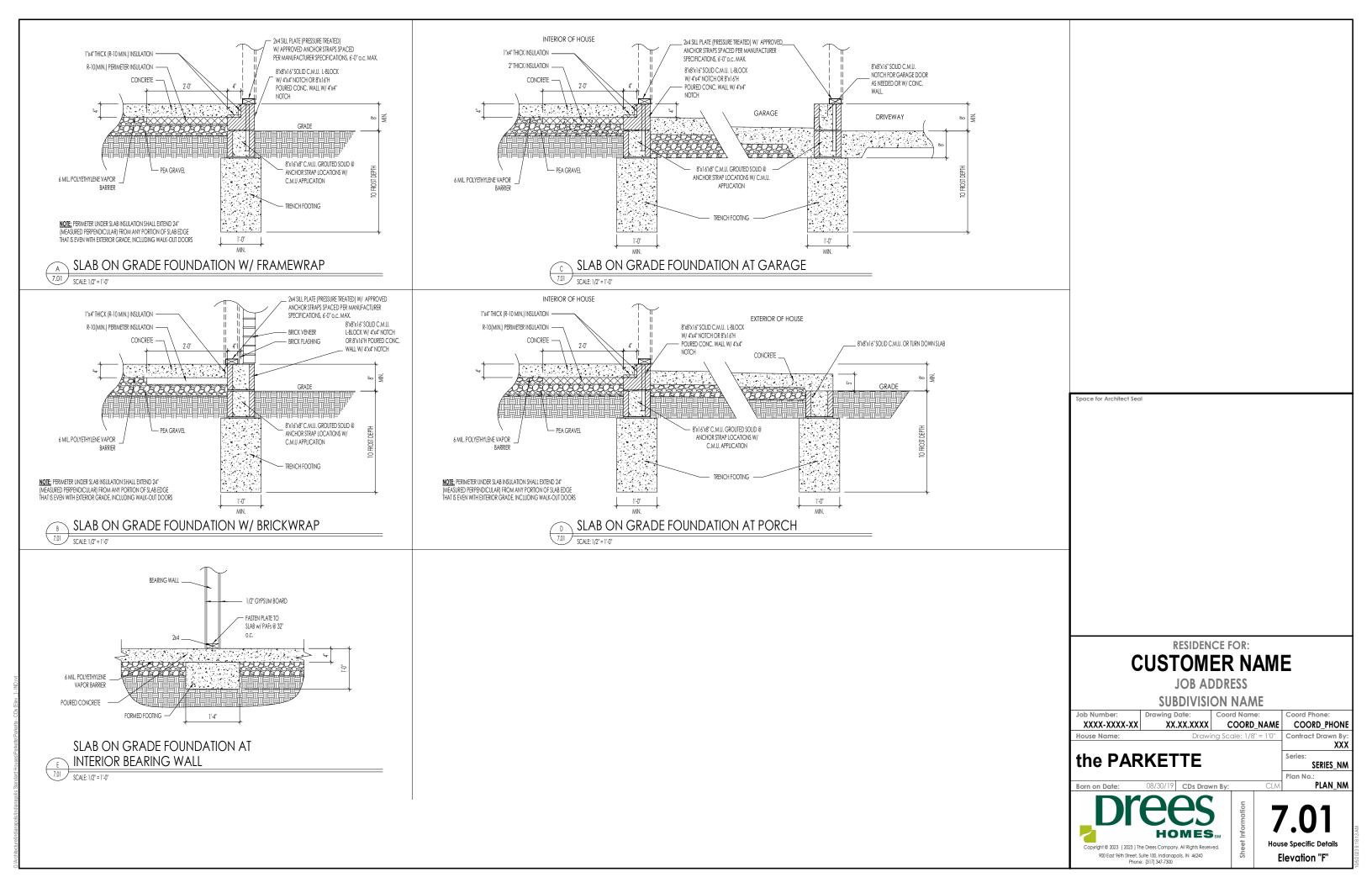
General Notes: TYPICAL TRIM: REFER TO SHEET ON. 1 FOR GENERAL NOTES.
 ROOFING MATERIAL PER SELECTIONS.
 CONTACT M&K ENGINEERING FOR HEADER SIZE/BRICK SUPPORT IF GRADE DROPS AND THE AMOUNT OF BRICK OVER GARAGE DOOR SHOWN ON CURRENT ELEVATION IS NO LONGER ACCURATE. 6" FASCIA (ALL SIDES) 8" FRIEZE 4. REFER TO SHEET S-0 FOR STRUCTURAL DETAILS AND INFORMATION (FRONT ONLY, UNLESS OTHERWISE NOTED) Key Notes: Space for Architect Seal -CORNER TRIM 4040 SLIDER (BLACKOUT) <u>-</u>18'-0"<u>-</u> **ELEVATION 'F'** RESIDENCE FOR: **CUSTOMER NAME JOB ADDRESS** SUBDIVISION NAME Job Number: Coord Name: Drawing Date: XXXX-XXXX-XX XX.XX.XXXX COORD_NAME COORD_PHONE House Name: the PARKETTE SERIES_NM Plan No.: PLAN NM 08/30/19 CDs Drawn By: **HOMES**_{SM} Copyright © 2023 (2023) The Drees Company. All Rights Reserved. 900 East 96th Street, Suite 100, Indianapolis, IN 46240 Phone: [317] 347-7300 Elevation "F"

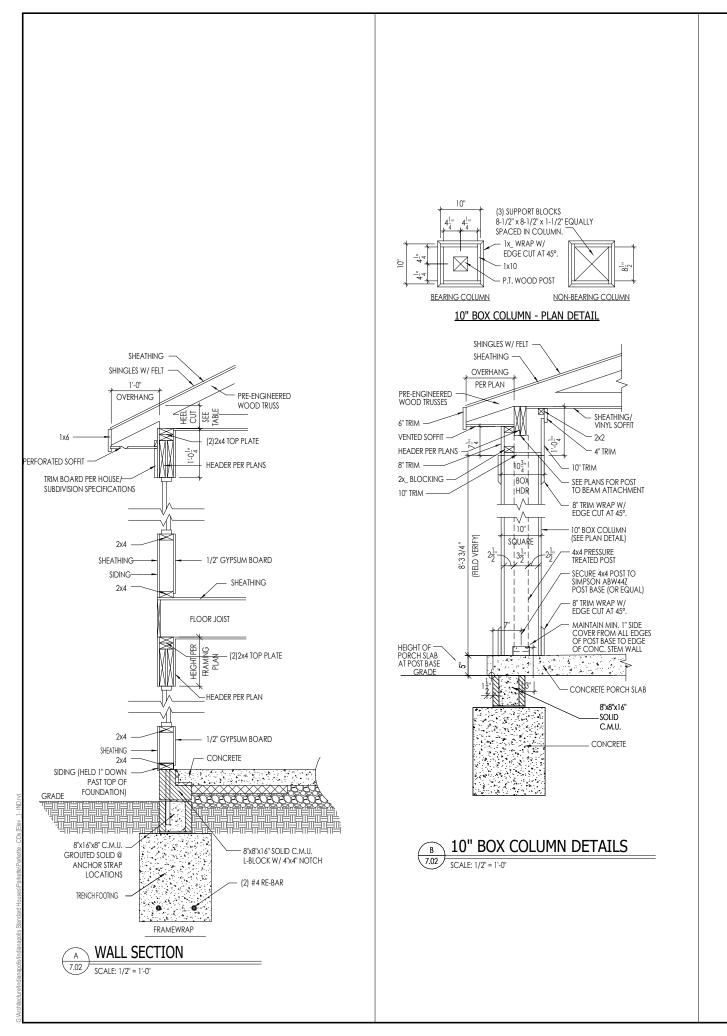
Becture Indianapolis Indianapolis Standard Houses (Parkette - CDs (Ele

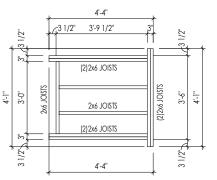


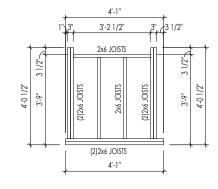










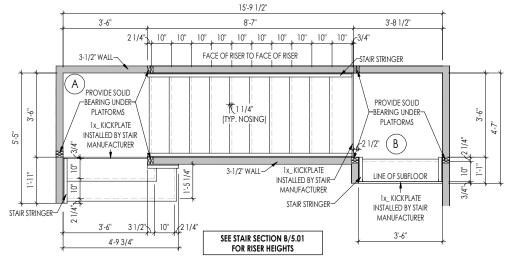


A LANDING DETAIL A

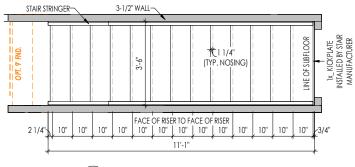
B LANDING DETAIL B

SEE STAIR SECTION B/5.01

FOR RISER HEIGHTS



2ND FLOOR STAIR DETAIL 7.02 1/4" = 1'-0"



BASEMENT STAIR DETAIL

7.02

1/4" = 1'-0"

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

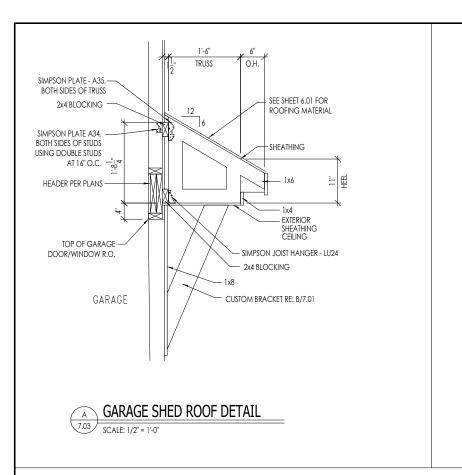
XXXX-XXXX-XX XX.XX.XXXX COORD_NAME COORD_PHONE House Name: the PARKETTE SERIES_NM Plan No. PLAN NM 08/30/19 CDs Drawn By

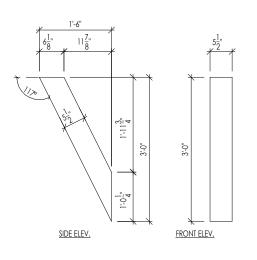
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Space for Architect Seal

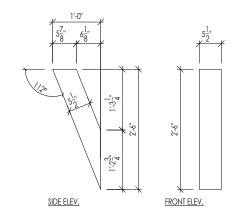
Elevation "F"

XXX

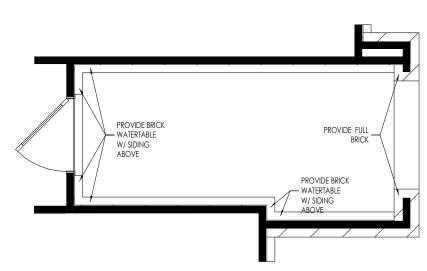












RECESSED ENTRY DETAIL

Z.03 SCALE: 1/4" = 1'-0"

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

Drawing Date:

the PARKETTE

Job Number:

Space for Architect Seal

| SERIES_NM | Plan No.: | | Plan No. | PLAN_NM | PLAN_NM

Coord Name:

Drees HOMES SM OFFI

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900 East 96th Street, Suite 100, Indianapolis, IN 46240
Phone: 317] 347-7300

7.03
House Specific Details
Elevation "F"

COORD_PHONE

relIndianapolis Undianapolis Standard Houses!Parkette\Parkette - CDs [Elev _] - IND rvt

CONNECTION SPECIFICATIONS (TYP. U.N.O.)

NOTE: IOd NAIL = 3" x 0.131" GUN NAIL			
JOICT TO COLE DI ATT	(2)10 1 TOPNAU C		
JOIST TO SOLE PLATE SOLE PLATE TO JOIST/BLK'G.	(3)IOd TOENAILS		
STUD TO SOLE PLATE	10d NAILS @ 6" o.c. (3)10d TOENAILS		
TOP OR SOLE PLATE TO STUD	(3)10d NAILS		
RIM TO TOP PLATE	10d TOENAILS @ 6" o.c.		
BLK'G, BTWN, JOISTS TO TOP PL.	(3)IOd TOENAILS		
RAFTER/TRUSS TO TOP PLATE	(3)IOd TOENAILS +		
RAFIER/1805 TO TOP PLATE	(I) SIMPSON H2.5A		
GAB. END TRUSS TO DBL. TOP PL.	10d TOENAILS @ 8" o.c.		
R.T. w/ HEEL HT. 91/4" TO 12"	2xIO BLK EVERY 3RD BAY		
R.I. W HEEL HI. 474" 10 12"	FASTENED TO DBL. TOP PLATE		
	W/ IOD TOENAILS @ 6" O.C.		
R.T. w/ HEEL HT. 12" TO 16"	2xI2 BI K EVERY 3RD BAY		
IC.I. W HELE III. IZ TO IO	FASTENED TO DBL. TOP PLATE		
	W/ IOd TOENAILS @ 6" O.C.		
R.T. w/ HEEL HT. UP TO 24"	LAP WALL SHTG, w/ DBL, TOP PL.		
ICI. W HELE III. OF TO 21	& INSTALL ON TRUSS VERT		
	FASTEN W/ 8d NAILS @ 6" O.C.		
R.T. w/ HFFL HT. 24" TO 48"	LAP WALL SHTG, W/ DBL, TOP PL.		
TOTAL TRANSPORT	& INSTALL ON TRUSS VERT		
	FASTEN W/ 8d NAILS @ 6" O.C.		
	PROVIDE 2x BLK @ EA. BAY AT		
	TOP OF HEEL		
DOUBLE STUD	10d NAILS @ 24" o.c.		
DOUBLE TOP PLATE	10d NAILS @ 24" o.c.		
DOUBLE TOP PLATE LAP SPLICE	(10)10d NAILS IN LAPPED AREA		
TOP PLATE LAP @ CORNERS &	(2)10d NAIL5		
INTERSECTING WALLS			
WALL TO FOUNDATION	WALL SHTG. LAP W/ SILL PL. &		
	FASTENED PER SHEAR WALL		
	FASTENING SPEC.		

GARAGE SLAB 4" CONC. SLAB w/ 6x6-WI.4xWI.4

WWF ON 6 MIL VAPOR BARRIER ON 4" MIN. GRANULAR FILL ON 95% COMPACTED FILL/VIRGIN SOIL

PORCH SLAB

4" CONC. SLAB W/ 6x6-WI.4xWI.4 WWF ON 95% COMPACTED FILL/VIRGIN SOIL

BASEMENT SLAB

4" CONC. SLAB ON 6 MIL VAPOR BARRIER ON 4" MIN. GRANULAR FILL ON 95% COMPACTED FILL/VIRGIN SOIL

SLAB ON GRADE

CONNECTION TYPE

TO STL. COLUMN

(INTERIOR CONDITION

TO STL. COLUMN

STEEL BM SUPPORTE

BEAM POCKET

BASE

BASE

4" CONC. SLAB W/ 6x6-WI.4xWI.4 WWF ON 6 MII VAPOR BARRIFR ON 4" MIN GRANULAR FILL ON 95% COMPACTED FILL VIRGIN SOIL

STEEL CONNECTIONS CHART

CONNECTION SPECIFICATION

COLUMN TOP PLATE EITHER WELDED ALONG THE TWO

SIDES PERPENDICULAR TO THE BEAMS LENGTH OF

BOLTED WITH (2) 1/2" DIAMETER BOLTS PLACED

DIAGONALLY THROUGH THE TOP PLATE

ANCHORED TO CONCRETE FOOTING PAD WITH (2) 1/3

BASE PLATE TO THE CONCRETE FOUNDATION.

- OR - -

ENCASED IN CONCRETE SLAB

COLUMN TOP PLATE BOLTED TO BEAM WITH

AT LEAST (4) 1/2" DIAMETER BOLTS

ANCHORED TO CONCRETE FOOTING PAD WITH (4) K

BASE PLATE TO THE CONCRETE FOUNDATION.

- OR - -

ENCASED IN CONCRETE SLAB

BOTTOM FLANGE OF STEEL BEAM FASTENED TO SUPPORTING

WOOD FRAMING W/ (2) 1/3" DIA. X 3 1/3" LONG LAG SCREWS.

ANGLE'S ENTIRE LENGTH OR BOLTED TO THE BEAM USING A NIMUM OF 1/2" DIAMETER BOLTS. CLIP ANGLE ATTACHED TO THE DUNDATION WALL USING NO LESS THAN (I) K" DIAMETER ANCHOR

OR (2) 1/4" DIA. x 21/4" LONG TAPCON SCREWS.

- OR - BEAM POCKET GROUTED SOLID AROUND STEEL BEAM

YENEER LINTEL SCHEDULE

SPAN (MAX)	HEIGHT OF VENEER ABOVE LINTEL	STEEL ANGLE SIZE	
3'-0"	20 FT. MAX	L4"x3"x/4"	
6'-0"	3 FT. MAX	L4"x3"x/4"	
	I6 FT. MAX	L5'x3'x %'	
8'-O"	6 FT. MAX	L5"x3"x%"	
9'-6"	3 FT. MAX	L5"x3"x%"	
12'-0"	2 FT. MAX	L5'x3'x % '	

- LITTELET HALL SUPPORT 2 %" - 3 ½" VENEER N/ 40 poi MAXIMUM WEIGHT. 6" SHALL HAVE 4" MIN. BEARING 6" SHALL HAVE 8" MIN. BEARING

- IL S'AULL HAVE D' HIN ERARING
 L'S'AULL NOT E FASTIBED BACK TO HEADER.
 L'S'AULL DET FASTIBED BACK TO HEADER.
 L'S'AULL DET FASTIBED BACK TO HOOD HEADER IN MALL 646°06. M'A' DIA. x 3 ½
 LONG LAS SOFFED IN 2' LONG YERICALL'S AUTTED HOLES.
 MAX. YEBER HT. AFPLES TO ANY PORTION OF BRICK OVER THE OPENING.
 ALL LINITES S'AULL BE LONG LES VERTICAL.
 ALL LINITES S'AULL BE LONG COP 36 KSI STIEL.
 ALL LINITES S'AULL BE LONG COP 36 KSI STIEL.
 MAY BE CUT IN THE FIELD TO BE 3 ½' HUBE OVER THE BACKING LIBSHT OULT.
 HIS SIGN LONG FOR HORIZEN, ZONT FINANCIA.
 HIS SIGN LONG FOR HORIZEN, ZONT FINANCIA.
 HIS SIGN LANG FOR ANY LINITEL CONDITION NOT BICCOMPAGED BY THE
 ABOVE FARANCIETES.
 HIS STIP. HAY ZONE

LEGEND

- INTERIOR BEARING WALL BEARING WALL ABOVE
- BEAM / HEADER
- EXTENT OF OVERFRAMING
- METAL HANGER
- INDICATES EXTENT OF INT. OSB SHEARWALL, BLOCKED PANEL EDGES.
- AND/OR 3" O.C. EDGE NAILING INDICATES HOLDOWN

SOLID BLOCKING UNDER POST OR JAME

- FURTHER EVALUATION OF FOUNDATION DESIGN INDICATES POST ABOVE (P.A.) PROVIDE

 - FOR OPENINGS UP TO 36", PROVIDE MINIMUM 10" CONCRETE
 - ALL CONCRETE EXPOSED TO THE WEATHER SHALL NOT HAVE LESS THAN 5% OR MORE THAN 7% AIR ENTRAINMENT.

 - FOOTINGS AND SLABS ON GRADE SHALL BEAR ON VIRGIN SOIL OR 95% COMPACTED FILL.
 - EDGES, AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY TO DEVELOP.
 - · JOINTS SHALL BE LOCATED 10'-0" O.C. (RECOMMENDED) OR 15'-0" O.C. (MAXIMUM)
 - JOINT GRID PATTERN SHALL BE AS CLOSE TO SQUARES AS POSSIBLE (I:I RATIO), WITH A MAXIMUM OF I:1.5 RATIO CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL
 - TYPICAL REINFORCEMENT DETAILS: PROVIDE 3" MIN. CLEAR COVER WHERE CAST AGAINST EARTH, I 1/2" MIN. CLEAR COVER AGAINST FORMS | AP ALL REBAR 48 BAR DIAMETERS MIN /24" FOR #4 BARS) & BEND BARS AND LAP AT CORNERS. PROVIDE 6 HOOK INTO SUPPORTING FOOTINGS WHEN FOOTINGS INTERSECT.

GENERAL STRUCTURAL NOTES

FOUNDATION

- DESIGN IS BASED ON 2020 INDIANA RESIDENTIAL BUILDING CODE
- FOOTING DESIGN 1,500 PSF NET ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED, BUILDER/CONTRACTOR MUST VERIFY
- FASTEN 2x6 SILL PLATES TO CONC FND WITH A MINIMUM OF 2 ANCHORS PER PLATE, 12" MAX. FROM PLATE ENDS - UTILIZING
 • 1/2" DIA. ANCHOR BOLTS • 6'-0" O.C,7" MIN. EMBEDMENT
- SIMPSON MAR STRAPS & 32" OC . SIMPSON MASA ANCHOR STRAPS @ 6'-0" O.C
- ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT W/ PERIMETER FOUNDATION SHALL BE PRESERVATIVE TREATED SOUTHERN PINE #2
- BUILDER TO VERIFY CORROSION-RESISTANCE COMPATIBILITY OF HARDWARE & FASTENERS IN CONTACT W PRESERVATIVE-TREATED WOOD. CONTACT LUMBER & HARDWARE SUPPLIERS TO COORD.
- FOUNDATION WALLS & FOOTINGS SHALL BE PLAIN CONCRETE, U.N.O.
- CONCRETE DESIGN BASED ON ACI 318, CONCRETE SHALL ATTAIN THE FOLLOWING MIN. COMPRESSIVE STRENGTHS IN 28 DAYS, U.N.O. f'c = 4,000 psi: FOUNDATION WALLS
- 3,000 psi: FOOTINGS & INTERIOR SLABS ON GRADE 3,500 psi: GARAGE & EXTERIOR SLABS ON GRADE FOOTINGS & INTERIOR SLAPS ON GRADE fy = 60,000 psi
- BASEMENT FOUNDATION WALL DESIGN BASED ON:
 - 8' OR 9' HEIGHT (AS NOTED ON PLANS) - TALLER WALLS MUST BE ENGINEERED.
 - NOMINAL WIDTH (8" FOR 8' WALL, 10" FOR 10' WALL)
- BASEMENT WALL DESIGN IS BASED ON 30 OR 45 PCF BACKFILL SOIL TYPE CLASSIFICATIONS:
 - 30 PCF TYPE (GW. GP. SW. SP.
- 45 PCF TYPE (GM. GC. SM. SM-SC. ML) IMPORTANT - IF 60 PCF SOIL TYPE (SC, ML-CL, OR CL) IS IJTILIZED FOR BACKFILL, CONTACT MULHERN & KULP FOR
- BASEMENT WALLS SHALL BE BRACED, PRIOR TO BACKFILLING, BY ADEQUATE TEMPORARY BRACING OR INSTALL IST FLOOR DECK.
- PROVIDE (2) #5 BARS AROUND ALL SIDES OF OPENINGS IN CONCRETE BSMT. FND. WALL WITH 2" CLEAR. REINFORCEMENT SHALL EXTEND 12" PAST CORNER OF OPENING IN ALL DIRECTIONS
- DEPTH OVER OPENING OR (3)2x10 w/(2)2x6 JACK STUDS, U.N.O LARGER OPENINGS SHALL BE PER PLAN.
- ALL FOOTINGS SHALL BEAR BELOW FROST LINE (TYP.) OR 12" MIN IN REGIONS WHERE CODE FROST DEPTH IS NOT APPLICABLE. CONSUL'SOILS REPORT OR BUILDING DEPT. FOR MINIMUM DEPTH BELOW
- PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB

- DIMENSIONS BY OTHERS, BUILDER TO VERIFY.

MIK STND - MAY 201

LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:

5 MPH WIND <u>IN 2020 InduRC MAP</u>

(115 MPH WIND SPEED IN ASCÉ 7-16 WIND MAP, PER IRG R301.211) EXP B RISK CAT 2 & SFISMIC CAT A/B

THE DESIGN WAS COMPLETED PER 2014 InduBC (SECTION 1609) & ASCE 7-10, AS PERMITTED BY R301.1.3 OF THE 2020 InduRC, OR THE SIMPLIFIED PRESCRIPTIVE PROCEDURE IN ACCORDANCE WITH THE 2020 InduRC IF THE PARAMETERS OF SECTION R602.12 COMPLY. ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN, IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES.

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD: FASTEN SHEATHING W/ 2 3"x0.113 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. (TYP, U.N.O.
- ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUDS) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT. STAPLE CONNECTION SPEC: 1 3/4" 16 GA STAPLES (1/6" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C IN FIELD.

3" O.C. EDGE NAILING

 AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W 2 3" x 0.113" NAILS • 3" O.C. AND 12" O.C. IN THE PANEL FIELD NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUD) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

NOTES

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN IT WILL BE SPECIFICALLY NOTED ON PLAN.
- DESIGN ASSUMES 16" O.C MAX. STUD SPACING, U.N.O.
- ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING
- PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED W/ OSB OR PLYWOOD W/ 10d NAILS

9 4" O.C. (THRU ONE SIDE ONLY)

ADDITIONAL NOTES FOR TRUSS & I-JOIST MANUFACTURER ROOF TRUSS, FLOOR TRUSS AND ENGINEERED

JOISTS SHALL BE DESIGNED TO MEET THE OTHERWISE ON PLAN. MULHERN & KULP CANNOT BE HELD RESPONSIBLE FOR ANY STRUCTURAL ISSUES RELATED TO ANY BUILDING COMPONENT IF COMPONENT SHOP DRAWINGS ARE NOT SUBMITTED TO M&K FOR REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.

TRUSSES/JOISTS SHALL BE DESIGNED SO THAT DIFFERENTIAL DEFLECTION BETWEEN ADJACENT PARALLEL TRUSSES/JOISTS OR GIRDER TRUSSES/FLUSH BEAMS DO NOT EXCEED THE FOLLOWING: ROOF TRUSSES:

- I/4" DEAD LOAD
- B. FLOOR TRUSSES, ATTIC TRUSSES, & I-JOISTS: /8" DEAD LOAD

ABSOLUTE DEAD LOAD DEFECTION OF FLOOR TRUSSES/ATTIC TRUSSES WHEN ADJACENT TO FLOOR FRAMING BY OTHERS SHALL BE LIMITED TO 3/16" (NOT DIFFERENTIAL DEFLECTION)

GENERAL STRUCTURAL NOTES

FLOOR FRAMING

- I-JOISTS/TRUSSES SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA. (EXCLUDES STONE/MARBLE OR WET BED CONSTRUCTED FLOORS - CONTACT M&K FOR EXCLUDED FLOOR DESIGNS)
- PER THE GUIDELINES OF THE TILE COUNCIL OF NORTH AMERICA (TCNA HANDBOOK), IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO VERIFY THAT THE FINISHES TO BE INSTALLED MATCH THE DESIGN CRITERIA NOTED ABOVE (UNDER "DESIGN
- AT I-JOIST FLOORS, PROVIDE I 1/8" MIN. OSB RIM BOARD.
- METAL HANGERS SHALL BE SPECIFIED BY MANUFACTURER, U.N.O.
- I-JOIST/TRUSS SHOP DWGS, SHALL BE SUBMITTED TO ARCH, & ENG. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY
- FLOOR SHEATHING SHALL BE 23/32" A.P.A. RATED 'STURD-I-FLOOR 24" O.C. EXPOSURE I (OR APPROVED EQUAL) WITH TONGUE AND GROOVE EDGES. FASTEN TO FRAMING MEMBERS W GLUE AND
- · 2 ½" x 0.131" NAILS @ 6"o.c. @ PANEL EDGES & @ 12"o.c. FIELD. - 2 3" x 0,120" NAILS @ 4" O.C. @ PANEL EDGES \$ @ 8" O.C. FIELD.
- 2 3" x 0.113" NAILS @ 3" O.C. @ PANEL EDGES & @ 6" O.C. IN FIELD

ROOF FRAMING

- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE I (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS
- · W/ 2 ½" x 0.131" NAILS @ 6"o.c. @ PANEL EDGES \$ @ 12" O.C. FIELD. · W/ 2 🖁 X 0.120" NAILS @ 4"O.C. @ PANEL EDGES & @ 8" O.C. FIELD.
- W/ 2 🖥 × 0.113" NAILS 3"O.C. PANEL EDGES € 6" O.C. FIELD. • WITHIN 48" OF ALL ROOF FDGES, RIDGES, & HIPS FASTEN ROOF
- SHEATHING FIELDS PER EDGE NAILING SPEC • FASTEN FACH ROOF TRUSS TO TOP PLATE W/ SIMPSON H25A CLIP (OR APPROVED EQUAL) • ALL BEARING POINTS. PROVIDE (2) H2.5A CLIPS AT 2-PLY GIRDER TRUSSES, (3) H2.5A CLIPS AT 3-PLY
- GIRDER TRUSSES & ROOF BEAMS AT ALL BEARING POINTS. METAL HANGERS SHALL BE SPECIFIED BY THE MANUFACTURER, U.N.O. • ROOF TRUSS SHOP DWGS SHALL BE SUBMITTED TO ARCH & ENG
- FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY ERECT AND INSTALL ROOF TRUSSES PER WTCA & TPI'S BCSI I "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING & BRACING
- OF METAL PLATE CONNECTED WOOD TRUSSES. BE SPF "STUD" GRADE LUMBER, OR BETTER. SUPPORT SHORT SPAN ROOF TRUSSES W/2x4 LEDGER FASTENED TO • SUPPORT ALL HEADERS/ BEAMS W (1)2x JACK STUD \$ (1)2x KING FRAMING w/(2) 3" x 0.120" NAILS @ 16" O.C. (UP TO T' SPAN).

MEANS & METHODS NOTES

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE SPECIFICATIONS HAVE BEEN COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO. THE ADDITION OF JECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, AND TIE-DOWNS, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO STABILIZE AND PROTECT EXISTING AND ADJACENT STRUCTURES AND SYSTEMS DURING COURSE OF DEMOLITION AND CONSTRUCTION OF THE PROJECT.

STRUCTURAL DESIGN AND SPECIFICATIONS ASSUME THAT ALL SUPPORTING AND NON-SUPPORTING FLEMENTS IN CONTACT WITH FLOOR FRAMING ARE EVEL, INCLUDING, BUT NOT LIMITED TO; FOUNDATIONS, SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING LEMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIEY LEVELNESS AND MAKE ADJUSTMENTS AS NECESSARY, INCLUDING CONSIDERATION OF THOSE AREAS THAT MAY BE WITHIN CONTRACTUAL, INDUSTRY, OR WARRANTY TOLERANCES.



GENERAL STRUCTURAL NOTES

• DESIGN IS BASED ON 2020 INDIANA RESIDENTIAL BUILDING CODE.

WOOD FRAME ENGINEERING IS BASED ON NDS. "NATIONAL DESIGN

SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.

LIVE = 20 PSF (18 PSF REDUCED)

LIVE = 40 PSE (30 PSE @ SLEEPING AREAS)

BATHS, SUNROOM, & LAUND.

1,500 PSF ASSUMED ALLOWABLE BEARING PRESSURE (TO BE VERIFIED BY BUILDER)

ADD'L IO PSF @ CERAMIC TILE IN KITCHEN,

DEAD = 10 PSF (1-JOISTS & SOLID SAWN)

GENERAL FRAMING

ALL TYP. NAIL FASTENER REQUIREMENTS ARE NOTED IN STANDARD

CONNECTIONS TABLE (IRC TABLE R602.3(1)) OR ON PLANS. ALL

CONNECTION. ALL HANGER NAILS SHALL BE INSTALLED PER

NOTE: HANGERS USE COMMON NAIL DIAMETERS NOT TYPICAL

NAILS SPECIFIED ARE MIN DIAMETER AND LENGTH REQUIRED FOR

MANUFACTURER'S REQUIREMENTS FOR MAX CHARTED CAPACITY

EXT. & INT. BEARING WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON

ALL INTERIOR BEARING WALLS ARE ASSUMED TO BE SHEATHED W

GYP WALL BOARD (ONE SIDE MIN.) OR PROVIDE MID HT. BLOCKING

• ALL 2x6 HEADERS, BEAMS & OTHER STRUCTURAL MEMBERS SHALL

ALL 2x8, 2xI0, \$ 2xI2 HEADERS, BEAMS \$ OTHER STRUCTURAL

MEMBERS SHALL BE HEM-FIR #2 (HF) LUMBER, OR BETTER.

PLANS) @ 16" O.C. SPF "STUD" GRADE LUMBER, OR BETTER, U.N.O.

· WALLS OVER 10' TALL SHALL BE PER PLAN.

DEAD = 7 PSF T.C., IO PSF B.C.

LOAD DURATION FACTOR = 1.15

DESIGN LOADS:

FRAMING GUN NAILS.

300 Brookside Ave, Building 4 ► Ambler, PA 19002 p 215-646-8001 ► mulhernkulp.com



Mulhern+Kulp project number

085-2001

initial:

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REVISIONS

- THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE

ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x 'STUD' GRADE MEMBERS SPACED @ 24" O.C. (MAX, U.N.O.) HEADERS IN NON-LOAD BEARING WALLS SHALL BE:

(1)2x4/6 FLAT @ OPENINGS UP TO 4', (2)2x4/6 FLAT UP TO 8'.

- ALL FRAMING LUMBER SHALL BE DRIED TO 15% MC (KD-15). • ENGINEERED LUMBER BEAMS TO MEET OR EXCEED THE FOLLOWING:
- "LSL" Fb=2325 psi; Fv=310 psi; E=1.55x10^6 psi 'LVL' - Fb=2600 psi; Fv=285 psi; E=2.0xl0^6 psi ENGINEERED LUMBER POSTS TO MEET OR EXCEED THE FOLLOWING:
- 'LVL' Fb=2400 psi; FcII=2500 psi; E=I.8xI0^6 psi FOR 2 & 3 PLY BEAMS OF EQUAL 134" MAX. WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 3"x0.120" NAILS @ 8" O/C OR 2 ROWS 1/4"x31/2" SIMPSON SDS SCREWS (OR 31/2" TRUSSLOK SCREWS) € 16" O/C. USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER. APPLY FASTENING AT BOTH FACES FOR 3-PLY CONDITION. LOCATE TOP & BOTTOM NAIL S/SCREWS 2" FROM EDGE. SOLID 3 ½" OR 5 ¼" BEAMS ARE ACCEPTABLE. USE 2 ROWS OF NAILS FOR 2x6 \$ 2x8 MEMBERS.
- FOR 4 PLY BEAMS OF EQUAL 13/4" MAX, WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF ¼"x6" SIMPSON SDS SCREWS (OR 6 3/4" TRUSSLOK SCREWS) @ 16" O/C. USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER. APPLY FASTENING AT BOTH FACES (ONE SIDE ONLY FOR TRUSSLOK SCREWS) LOCATE TOP AND BOTTOM SCREWS 2" FROM EDGE, A SOLID 7" BEAM IS ACCEPTABLE.
- PROVIDE SOLID BLOCKING IN FLOOR SYSTEM UNDER ALL POSTS CONTINUOUS TO FND./BEARING. BLOCKING TO MATCH POST ABOVE.
- FASTEN 2x WOOD PLATES TO TOP FLANGE OF STEEL BEAMS WITH P.A.F.'s ('HILTI' XU PINS OR EQUAL) . 16" O.C. STAGGERED, OR I/2" DIA. BOLTS € 48" O.C. STAGGERED.
- STEEL PIPE COLUMN "ASD CAPACITIES" SHALL MEET OR EXCEED THE LOADS PROVIDED AT EACH STEEL PIPE COLUMN LOCATION ON PLAN. COLUMNS ARE TO BE INSTALLED PER THE MANUFACTURER'S REQUIREMENT THAT ACHIEVES THE RATED CAPACITY USED. INCLUDING BUT NOT LIMITED TO POSITIVE CONNECTIONS AT THE TOP AND BOTTOM OF THE COLUMN. TWO COLUMNS MAY BE USED UNDER CONTINUOUS BEAMS TO ACHIEVE THE FULL PLAN SPECIFIED REQUIRED CAPACITY IF INSTALLED CENTERED ON THE EXISTING FOOTING/ PLAN SPECIFIED SINGLE COLUMN LOCATION

BSM issue date 04-25-2

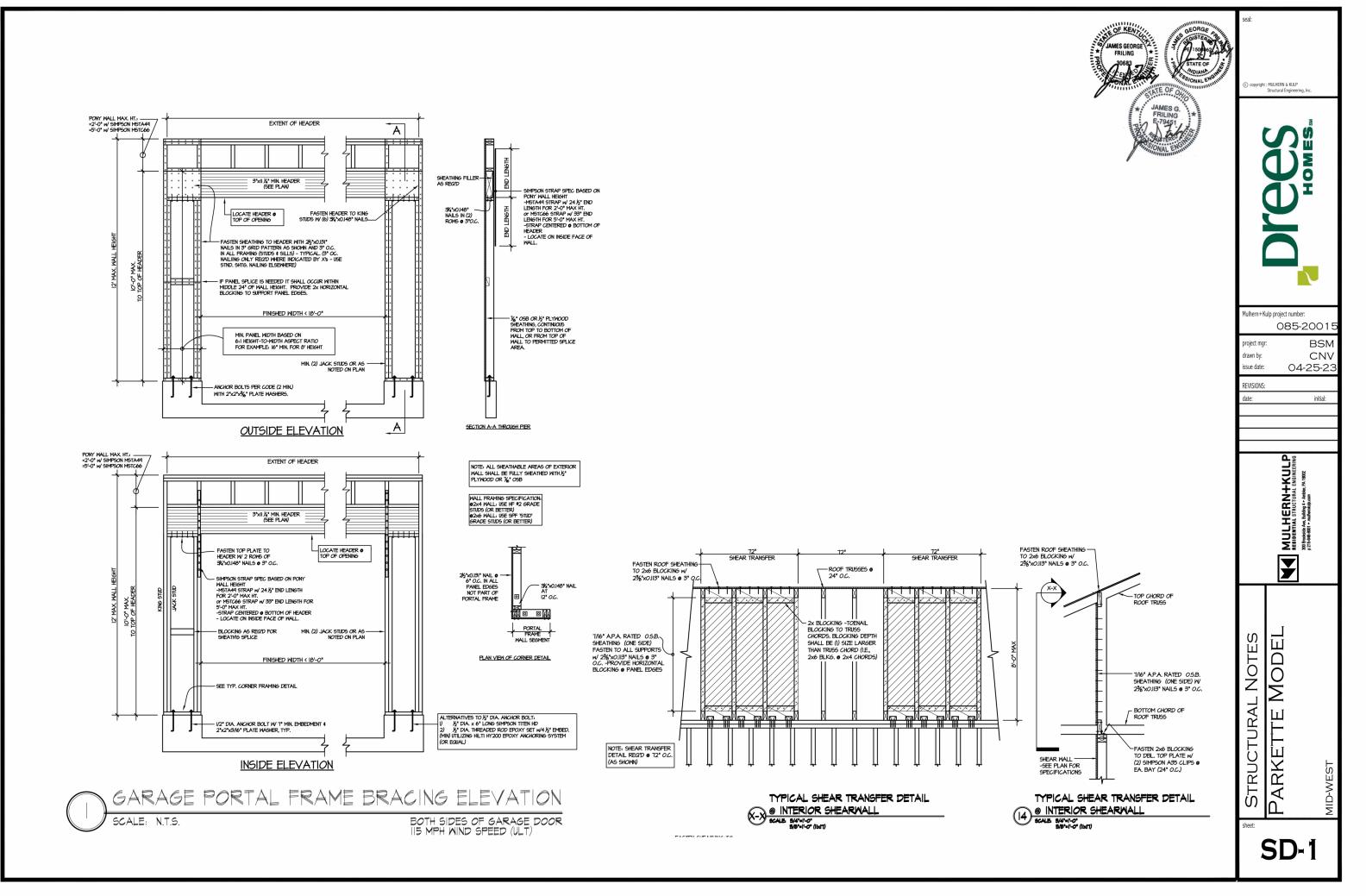
MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING

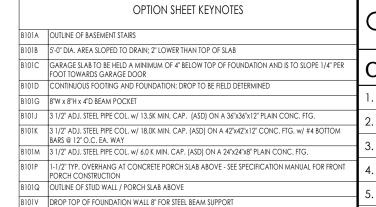
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2'-0" 2'-0" 66'-0" (TYP.) B101G POST ABOVE 16'-3 3/4" 15'-11 3/4" 20'-0 1/2" TO C.L. OF BEAM TO C.L. OF BEAM TO C.L. OF BEAM B101D POST ABOVE 18'-0" TO C.L. OF DRAIN POST ABOVE UNEXCAVATED B101C -B101D -FULL BASEMENT B101M 22'-0 1/2" OPT, 9' FND. 9'-8 1/2" 12'-4" (2)1-3/4"x14" LVL (FLUSH)-POST ABOVE 9'-8 1/2" UNEXCAVATED 25'-4" STD. CRAWL SPACE (IND. ONLY) POST ABOVE B101P -B101P B101Q UNEXCAVATED **GRAVEL OVER PLASTIC** CONCRETE WALL BRICK LEDGE IN CRAWL SPACE AREA B101Q 17'-3 3/4" 17'-2 3/4" 16'-5 1/2" TO C.L. OF BEAM TO C.L. OF BEAM TO C.L. OF BEAM 51'-0" 70'-0"

OPTION LIST

OPTION		SHEET#
1.	OPT. BASEMENT	8.01-8.03
2.	OPT. RECREATION ROOM	8.02
3.	OPT. LOWER LEVEL FULL BATH	8.02
4.	OPT. LOWER LEVEL HALF BATH	8.02
5.	OPT. BEDROOM #5	8.02
6.	OPT. DEN	8.02
7.	OPT. DECK	8.02
8.	OPT. 2ND FLOOR	8.03-8.04
9.	OPT. BEDROOM #4	8.04
10.	OPT. GARDEN BATH	8.05
11.	OPT. SUPER SHOWER	8.05

RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

Coord Name:

SUBDIVISION NAME

Drawina Date:

the PARKETTE

Job Number:

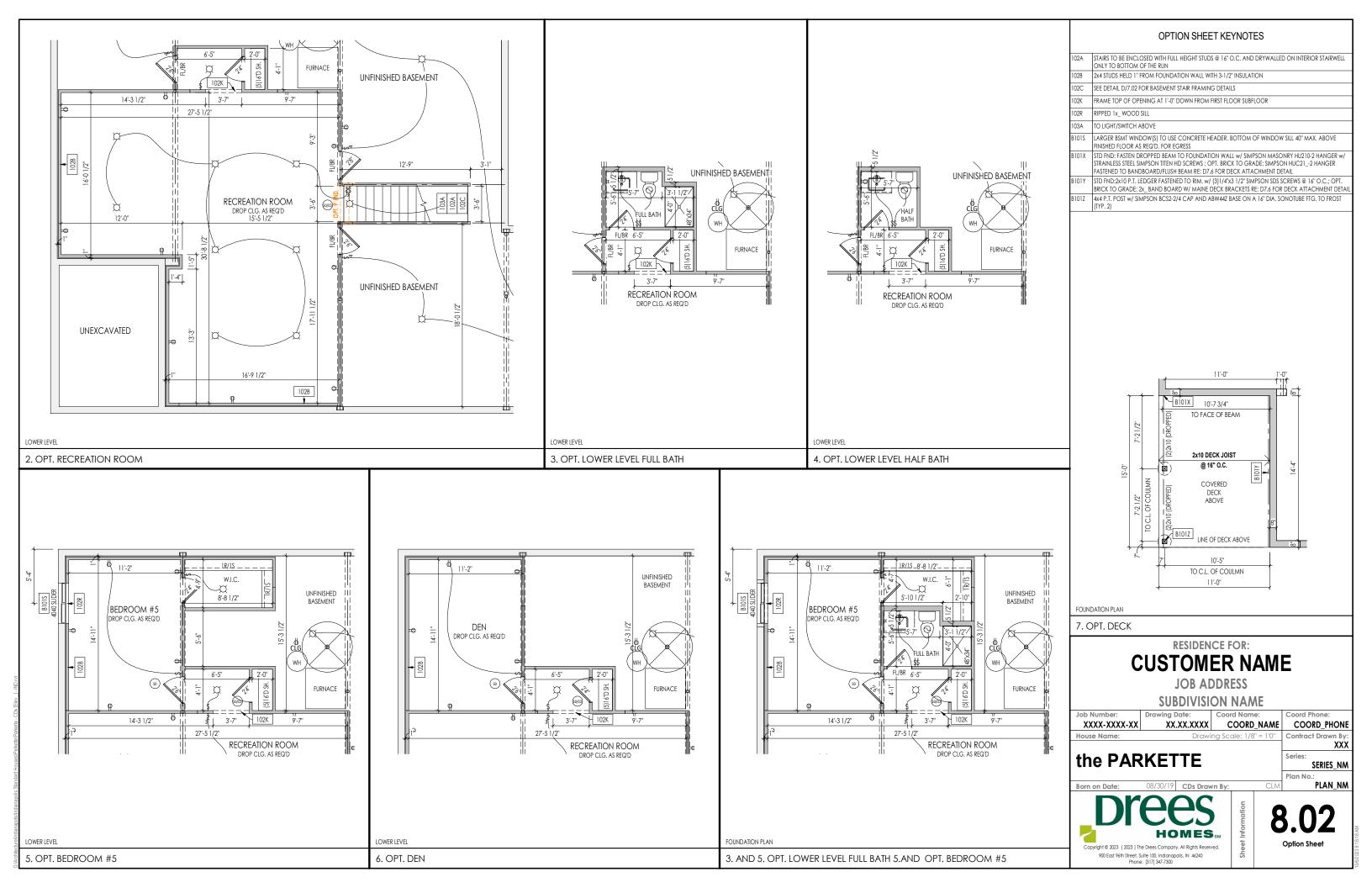
Drees

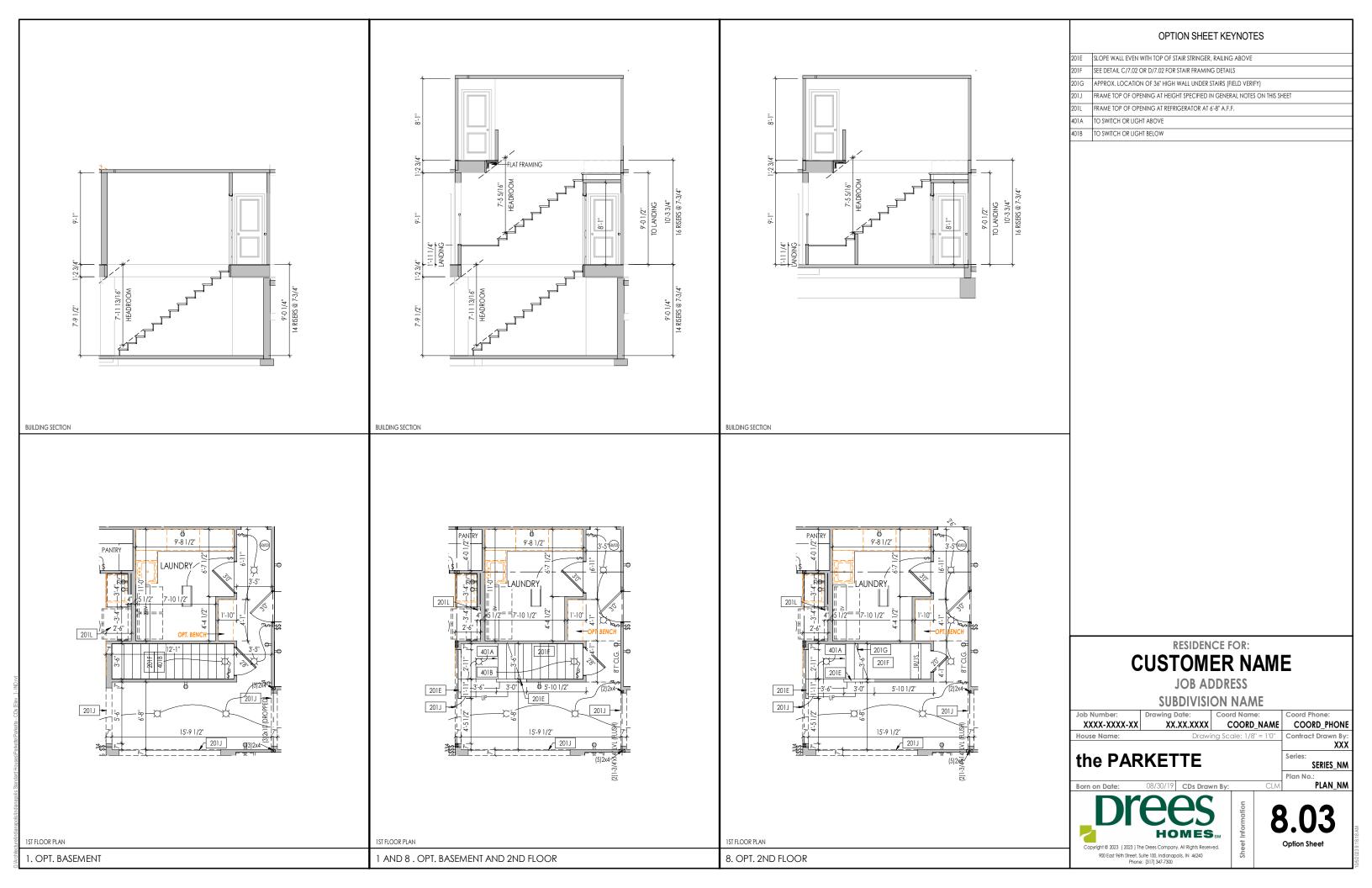
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Phone: [317] 347-7300

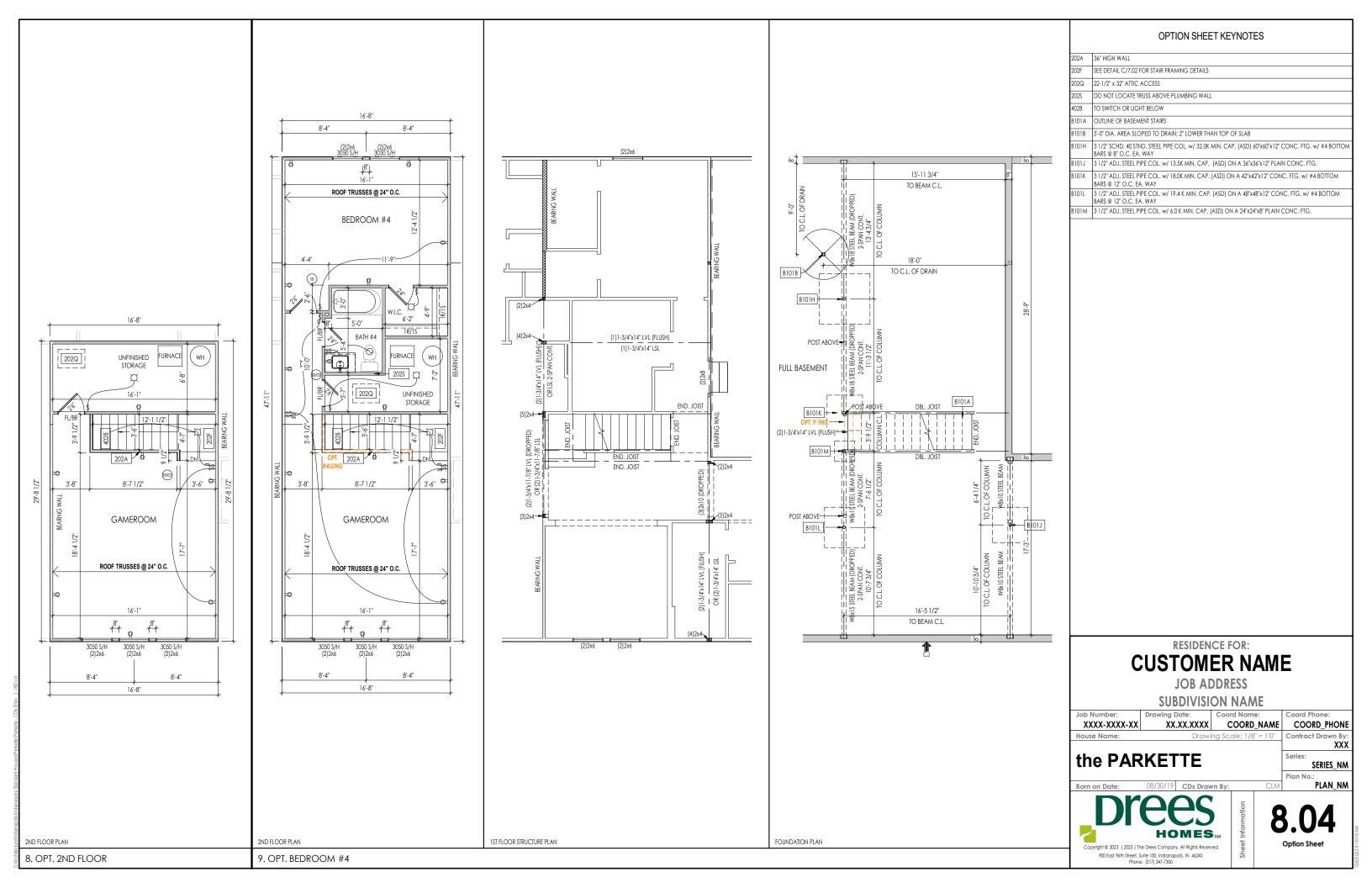
8.01
Option Sheet

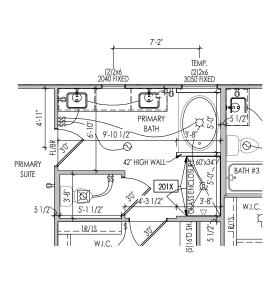
FOUNDATION PLAN

1. OPT. BASEMENT - SHOWN WITH ELEVATION A



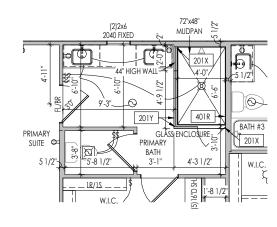






10. OPT. GARDEN BATH

1ST FLOOR PLAN



RESIDENCE FOR:

CUSTOMER NAME

JOB ADDRESS

SUBDIVISION NAME

Coord Name: Job Number: Drawing Date: XXXX-XXXX-XX XX.XX.XXXX COORD_NAME COORD_PHONE House Name: XXX

the PARKETTE

SERIES_NM PLAN_NM

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Option Sheet

11. OPT. SUPER SHOWER

1ST FLOOR PLAN

