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

06/14/2023

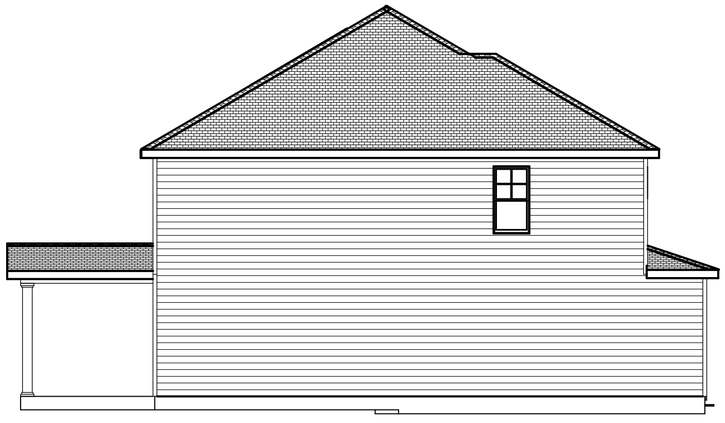
Harnett COUNTY NORTH CAROLINA

FRONT ELEVATION

Scale: 1/4" = 1'0"

9'0" CEILING HEIGHT FIRST FLOOR
(HEADER HEIGHT 7'6")

8'0" CEILING HEIGHT SECOND FLOOR
Frame Headers w/ 2x10's below top plates
FRAME WINDOWS TO HEADER HEIGHT



LEFT ELEVATION

Scale: 1/8" = 1'0"

REAR ELEVATION

Scale: 1/8" = 1'0"

RIGHT ELEVATION

Scale: 1/8" = 1'0"

PLAN:
Hayek

SHEET TITLE:
ELEVATIONS

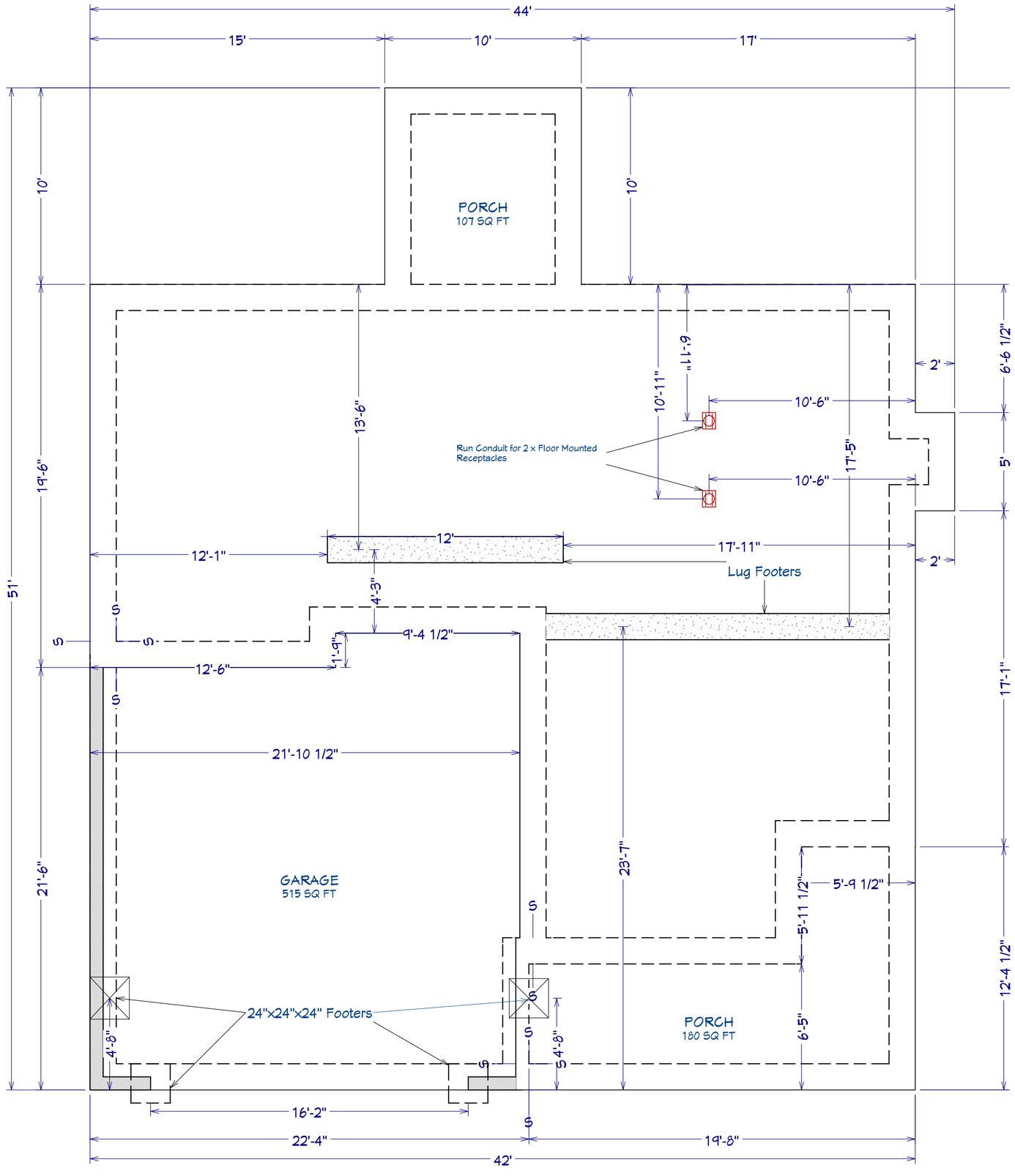
PROJECT ADDRESS:
TBD Sears Dr. (Lot 27)

DESIGNED BY:
Precision Custom Homes
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

DATE:
6/7/23

SCALE:
1/4" = 1'

SHEET:
A-1



FOUNDATION PLAN

Scale: 1/4" = 1'0"

PLAN:
Hayek

SHEET TITLE:
FOUNDATION

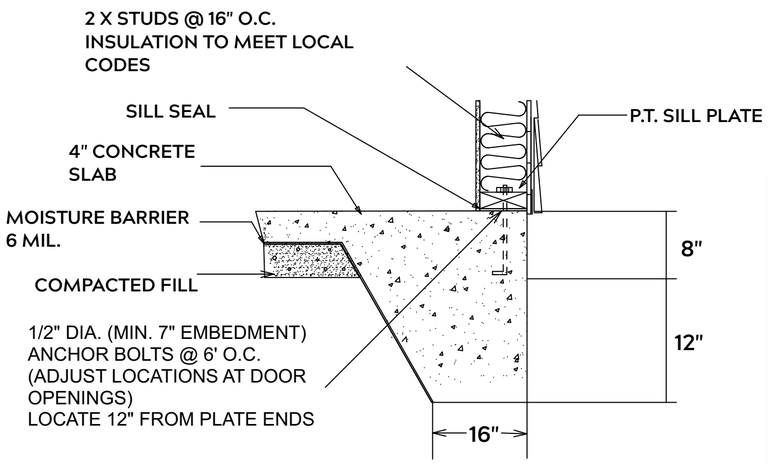
PROJECT ADDRESS:
TBD Sears Dr. (Lot 27)

DESIGNED BY:
Precision Custom Homes
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

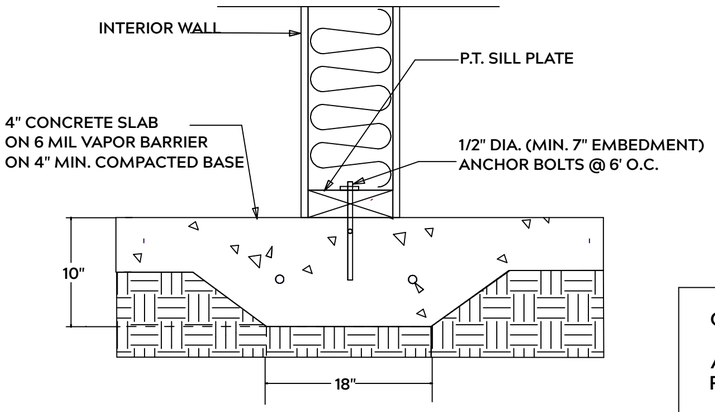
DATE:
6/7/23

SCALE:
1/4" = 1'

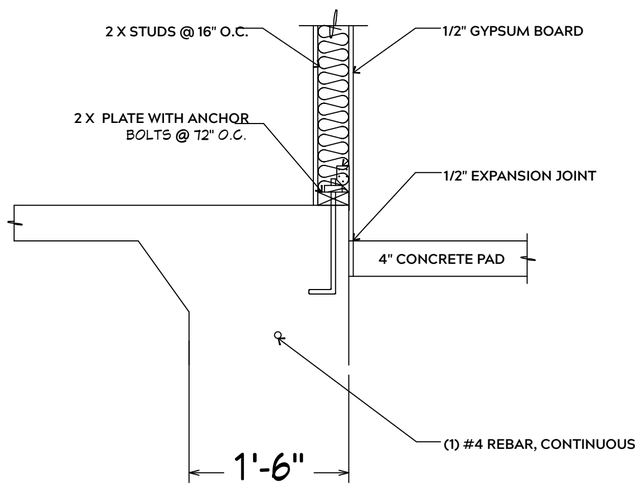
SHEET:
A-2



MONOLITHIC SLAB



LUG FOOTING



INTERIOR WALL @ GARAGE STEP DOWN

FOUNDATION NOTES:

ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

PROVIDE WATER PROOFING AND PERIMTER DRAINS AS REQUIRED

FOOTING WIDTHS ARE BASED ON A LOAD BEARING SOIL CAPACITY OF 2000 PSI

PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND IN CRAWL SPACE AND GROUND UNDER POURED CONCRETE

ALL ANCHOR BOLTS TO BE 1/2" X 12" LONG. ANCHOR BOLTS SHALL BE SPACED AT A MAXIMUM OF 6' ON CENTER AND NO MORE THEN 1' FROM EACH CORNER

GENERAL FRAMING NOTES:

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALLE BE PRESSURE TREATED

FRAMING LUMBER SHALL BE SYP #2 GRADE AND / OR SPRUCE PINE FIR #1 AND / OR KILN DRIED

WHERE PRE-ENGINEERED JOISTS AND TRUSSES ARE USED, MANUFACTURER SHALL PROVIDE DRAWINGS / SCHEMATICS, WHICH SHALL BEAR OF A N.C. ENGINEER

STUDS AND JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING WITHOUT ADDING METAL OR WOOD SIDE PANELS TO STRENGTHEN MEMBER TO ITS ORIGINAL CAPACITY

NAIL MULTIPLE MEMBERS WITH 2 ROWS OF 16d NAILS STAGGERED 32" O.C. AND USE 3 X 16d NAILS 2" IN AT EACH END.

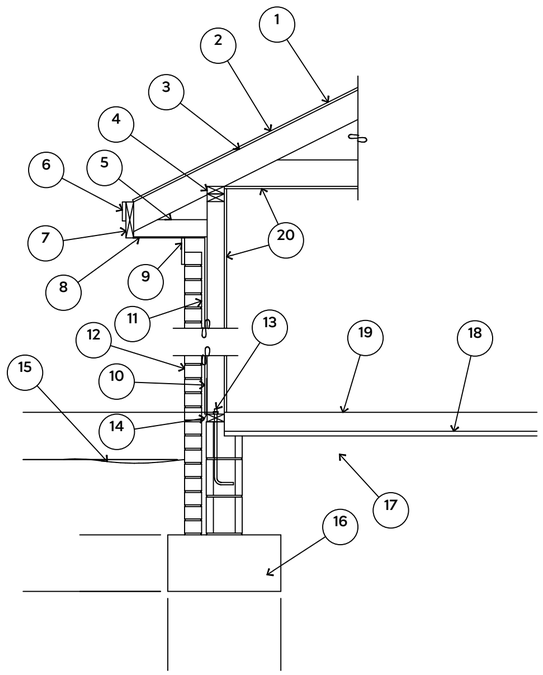
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

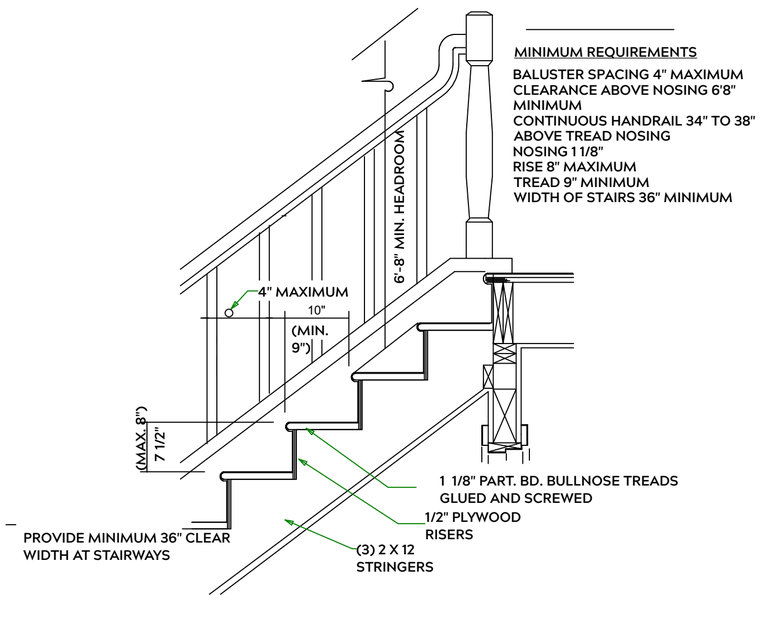
ALL FRAMING TO BE 16" O.C. WALL FRAMING DIMENSIONS ARE BASED ON 2X4 OR 2X6 EXTERIOR WALLS AND 2X4 INTERIOR WALLS. DOULBE / TRIPLE JACK STUDS AS NECESSARY UNDER HEADERS AS REQUIRED

LVL'S TO BE SIZED BY OTHERS (TRUSS MANUFACTURER)



1. 15# FELT UNDERLAYMENT UNDER COMPOSITION SHINGLES.
2. ROOF DECKING.
3. 2 X RAFTERS / ENGINEERED TRUSSES
4. DOUBLE TOP PLATE.
5. 2 X 4 RETURN.
6. 3/4" FASCIA OR PVC TRIM COIL
7. 2 X FASCIA
8. 1/4" PLYWOOD OR VINYL SOFFIT
9. 1 X FREIZE BOARD (TO BE USED WITH BRICK VENEERS)
10. INSULATION BOARD OR HOUSE WRAP
11. AIR SPACE.
12. BRICK WITH BRICK TIES PER MANUFACTURER'S SPECIFICATIONS.
13. 1/2" X 12" ANCHOR BOLTS, 6'-0" O.C., 12" FROM CORNERS.
14. FLASHING WITH WEEP HOLES @ 48" O.C.
15. FINISHED GRADE.
16. FOOTING
17. COMPACTED EARTH FILL.
18. 6 MIL. VAPOR BARRIER
19. 4" CONCRETE SLAB, 3,000 P.S.I. WITH 6" X 6" 10 GA. X 10 GA. WELDED WIRE FABRIC.
20. 1/2" GYPSUM BOARD.

EXTERIOR WALL SECTION



STAIR DETAIL

PLAN:
Hayek

SHEET TITLE:
DETAIL SHEETS

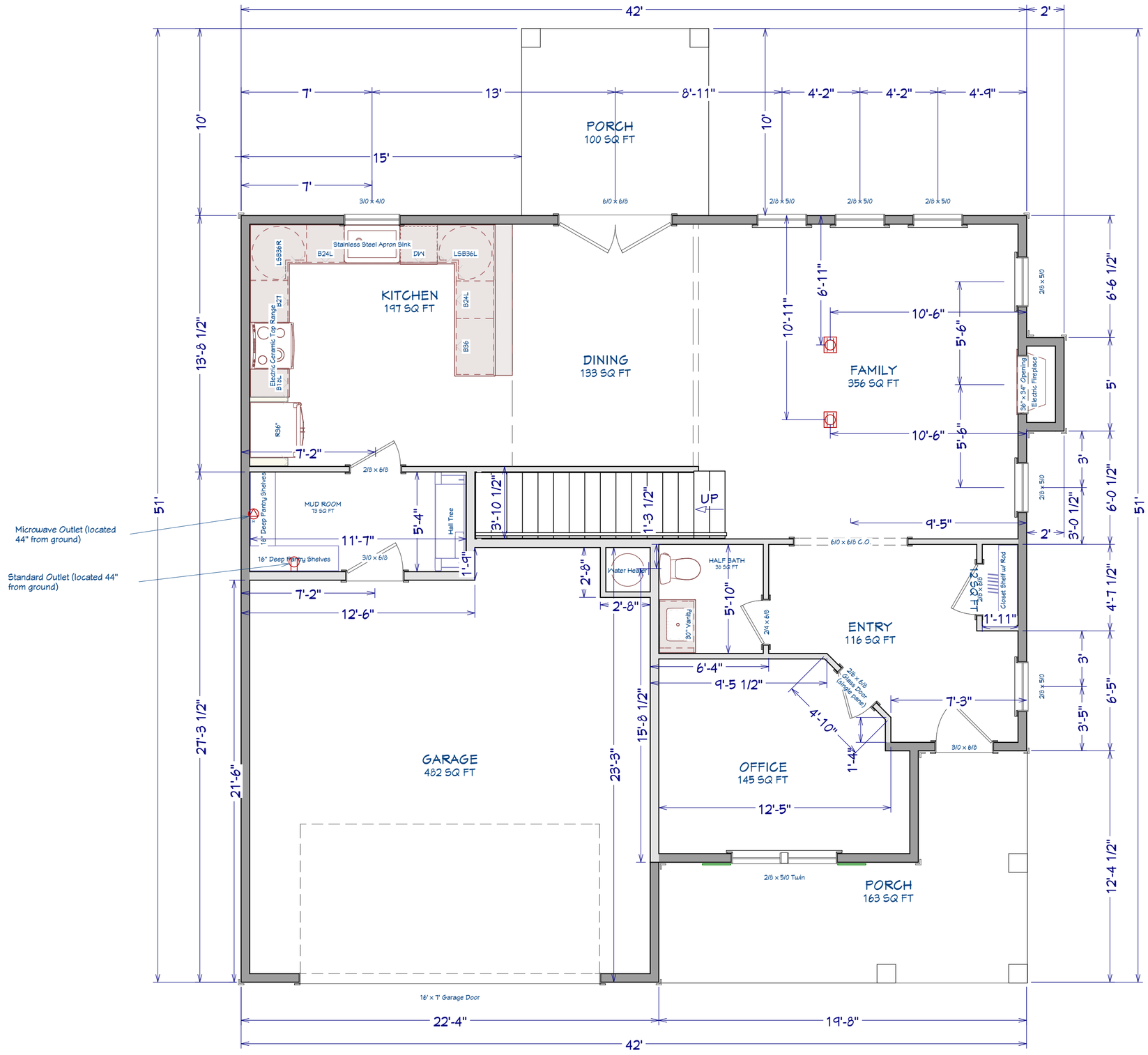
PROJECT ADDRESS:
TBD Sears Dr. (Lot 27)

DESIGNED BY:
Precision Custom Homes
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

DATE:
6/7/23

SCALE:
1/4" = 1'

SHEET:
A-3



AREA SCHEDULE	
NAME	AREA
1st FLOOR	1070 SF
2nd FLOOR	1,410 SF
GARAGE	489 SF
COVERED FRONT PORCH	164 SF
BACK PORCH	100SF
TOTAL HEATED	2,480 SF
TOTAL UNDER ROOF	3,233 SF

PLAN:
Hayek

SHEET TITLE:
1st FLOOR

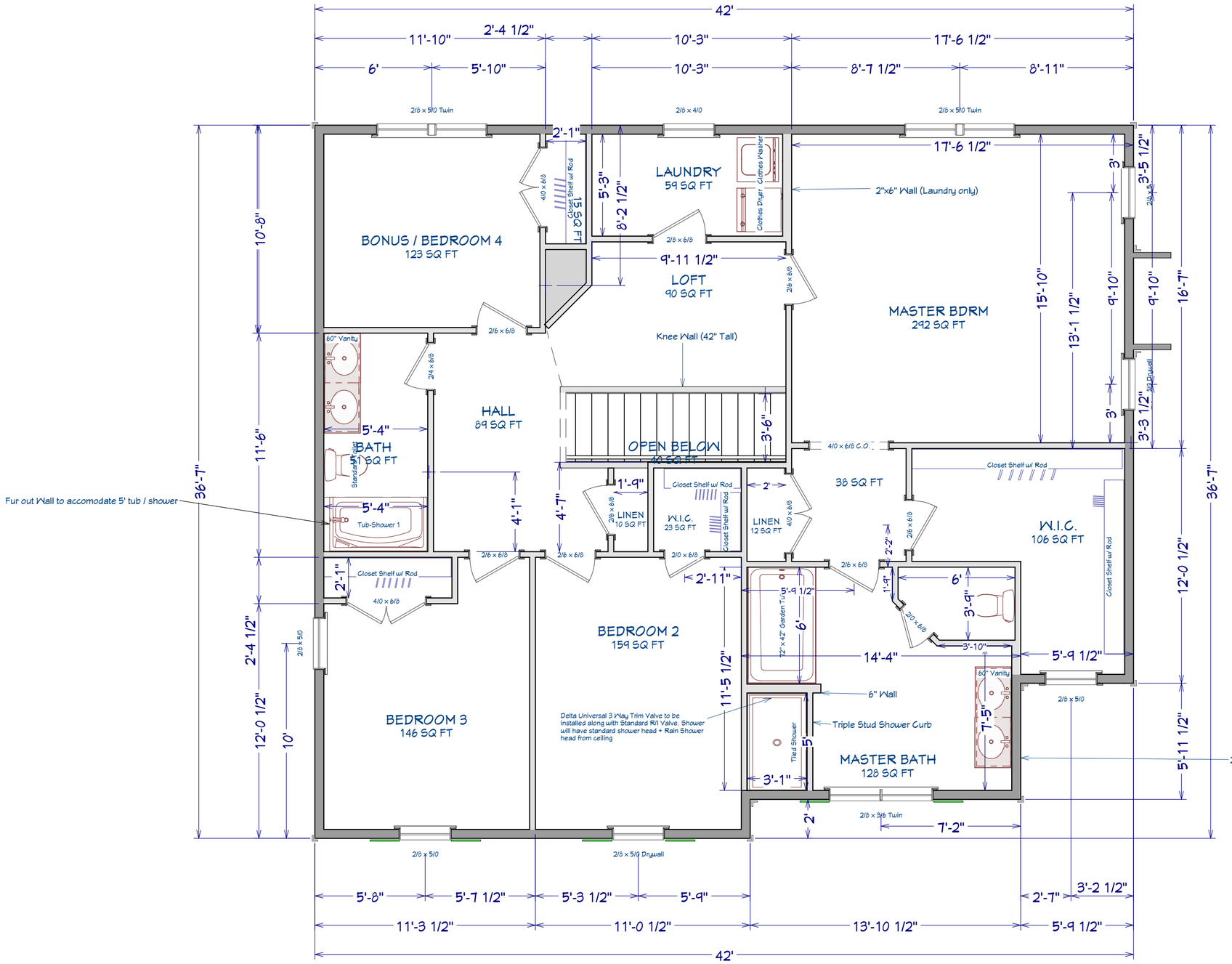
PROJECT ADDRESS:
TBD Sears Dr. (Lot 27)

DESIGNED BY:
Precision Custom Homes
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

DATE:
6/7/23

SCALE:
1/4" = 1'

SHEET:
A-4



AREA SCHEDULE	
NAME	AREA
1st FLOOR	1070 SF
2nd FLOOR	1,410 SF
GARAGE	489 SF
COVERED FRONT PORCH	164 SF
BACK PORCH	100SF
TOTAL HEATED	2,480 SF
TOTAL UNDER ROOF	3,233 SF

PLAN:
Hayek

SHEET TITLE:
2nd FLOOR

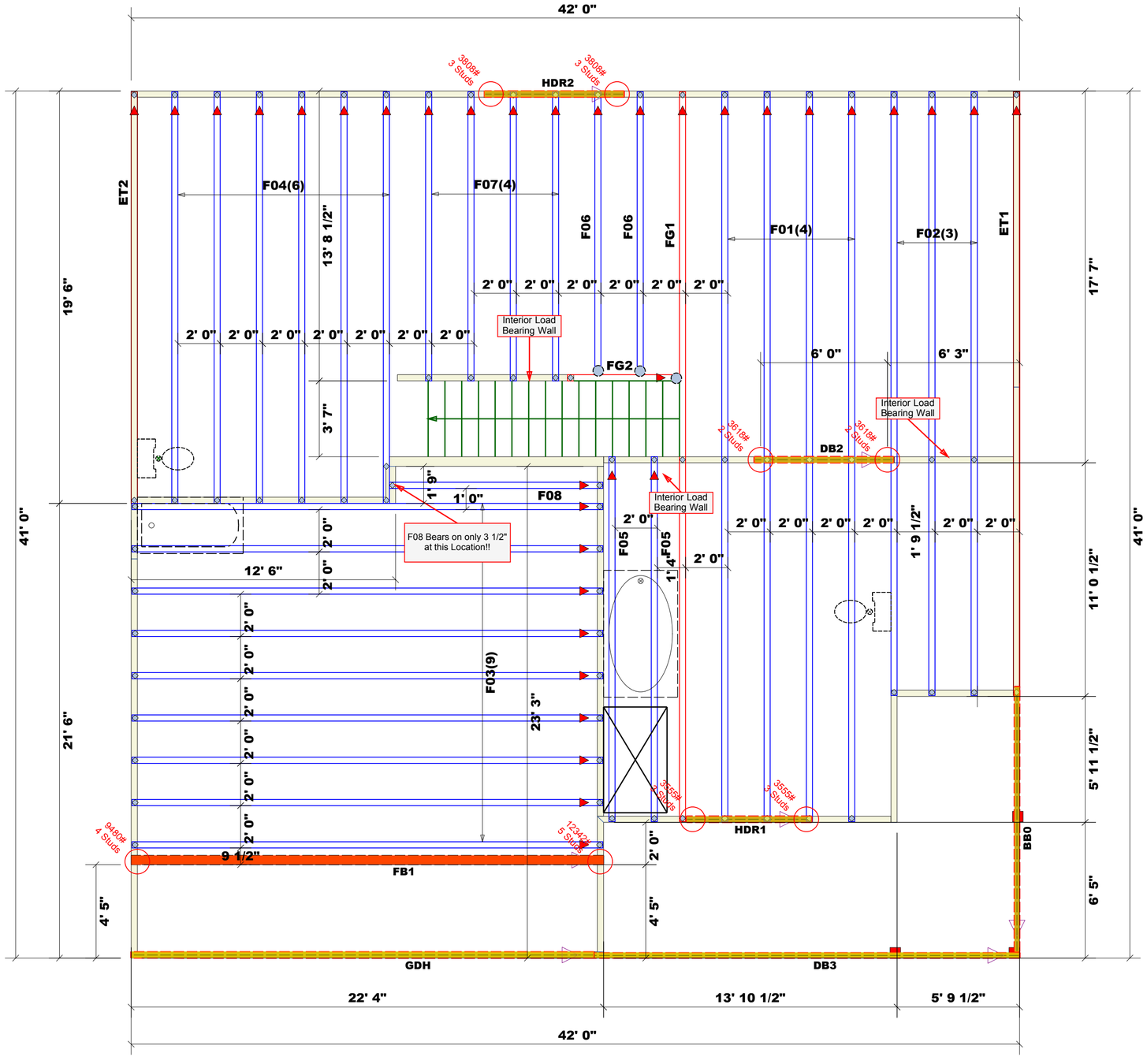
PROJECT ADDRESS:
TBD Sears Dr. (Lot 27)

DESIGNED BY:
Precision Custom Homes
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

DATE:
6/7/23

SCALE:
1/4" = 1'

SHEET:
A-5



Dimension Notes
1. All exterior wall to wall dimensions are to face of stud unless noted otherwise 2. All interior wall dimensions are to face of stud unless noted otherwise 3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

Plumbing Drop Notes
1. Plumbing drop locations shown are NOT exact. 2. Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses. 3. Adjust spacing as needed not to exceed 24"oc.

Roof Area	= 2533.62 sq.ft.
Ridge Line	= 20.42 ft.
Hip Line	= 180.1 ft.
Horiz. OH	= 254.58 ft.
Raked OH	= 26 ft.
Decking	= 87 sheets

All Walls Shown Are Considered Load Bearing

▲ = Indicates Left End of Truss
(Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

1 Truss Placement Plan
Scale: 1/4"=1'

Hatch Legend

- Flush Beam
- Padded HVAC
- 2nd Floor Walls @ 8' 1 1/2" UNO
- Drop Beam

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HJC26	USP	7	Varies	16d/3-1/2"	10d/3"
	MSH422	USP	3	Varies	10d/3"	10d/3"

Products

PlotID	Length	Product	Plies	Net Qty	Fab Type
DB2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
HDR2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
HDR1	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
FB1	23' 0"	1-3/4"x 23-7/8" LVL Kerto-S	3	3	FF
DB3	22' 0"	2x12 SP No.2	2	2	FF

Products

PlotID	Length	Product	Plies	Net Qty	Fab Type
HDR3	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

COMTECH

ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature_____
Neil Baggett

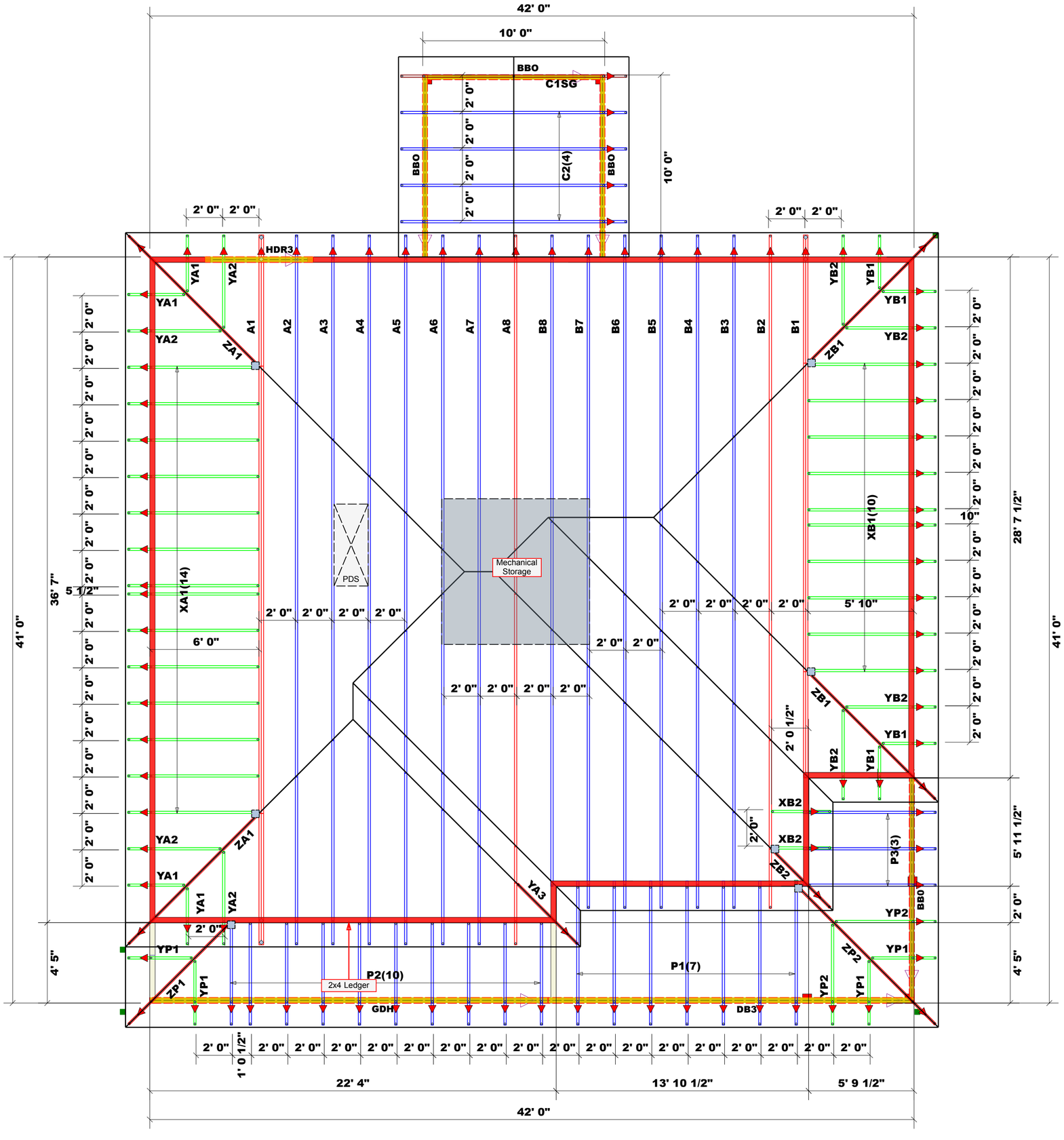
LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ'D # STUDS FOR (2) PLY HEADER	END REACTION (UP TO)	REQ'D # STUDS FOR (3) PLY HEADER	END REACTION (UP TO)	REQ'D # STUDS FOR (4) PLY HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

BUILDER	Precision Custom Homes
JOB NAME	Lot 27 Liberty Meadow
PLAN	Hayek
SEAL DATE	3/21/2023
QUOTE #	N/A
JOB #	J0323-1276
SALESMAN	Neil Baggett
DRAWN BY	Neil Baggett
DATE REV.	5/31/2023
MODEL	Floor
ADDRESS	Sears Dr.
COUNTY	Harnett

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.
These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com



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(Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

1 Truss Placement Plan
Scale: 1/4"=1'

Hatch Legend
Flush Beam
Padded HVAC
2nd Floor Walls @ 8' 1 1/2" UNO
Drop Beam

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HJC26	USP	7	Varies	16d/3-1/2"	10d/3"
	MSH422	USP	3	Varies	10d/3"	10d/3"

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
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Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
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Neil Baggett

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(BASED ON TABLES R502.5(1) & (b))

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (3P TO)	REQ'D STUDS FOR (2) PLY HEADER	END REACTION (4P TO)	REQ'D STUDS FOR (3) PLY HEADER	END REACTION (5P TO)	REQ'D STUDS FOR (4) PLY HEADER
1700	1	2550	1	3400	1
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BUILDER	Precision Custom Homes
JOB NAME	Lot 27 Liberty Meadows
PLAN	Hayek
SEAL DATE	3/21/2023
QUOTE #	N/A
JOB #	J0323-1275
SALESMAN	Neil Baggett
DRAWN BY	Neil Baggett
DATE REV.	3/23/2023
MODEL	Roof
ADDRESS	Sears Dr.
COUNTY	Harnett

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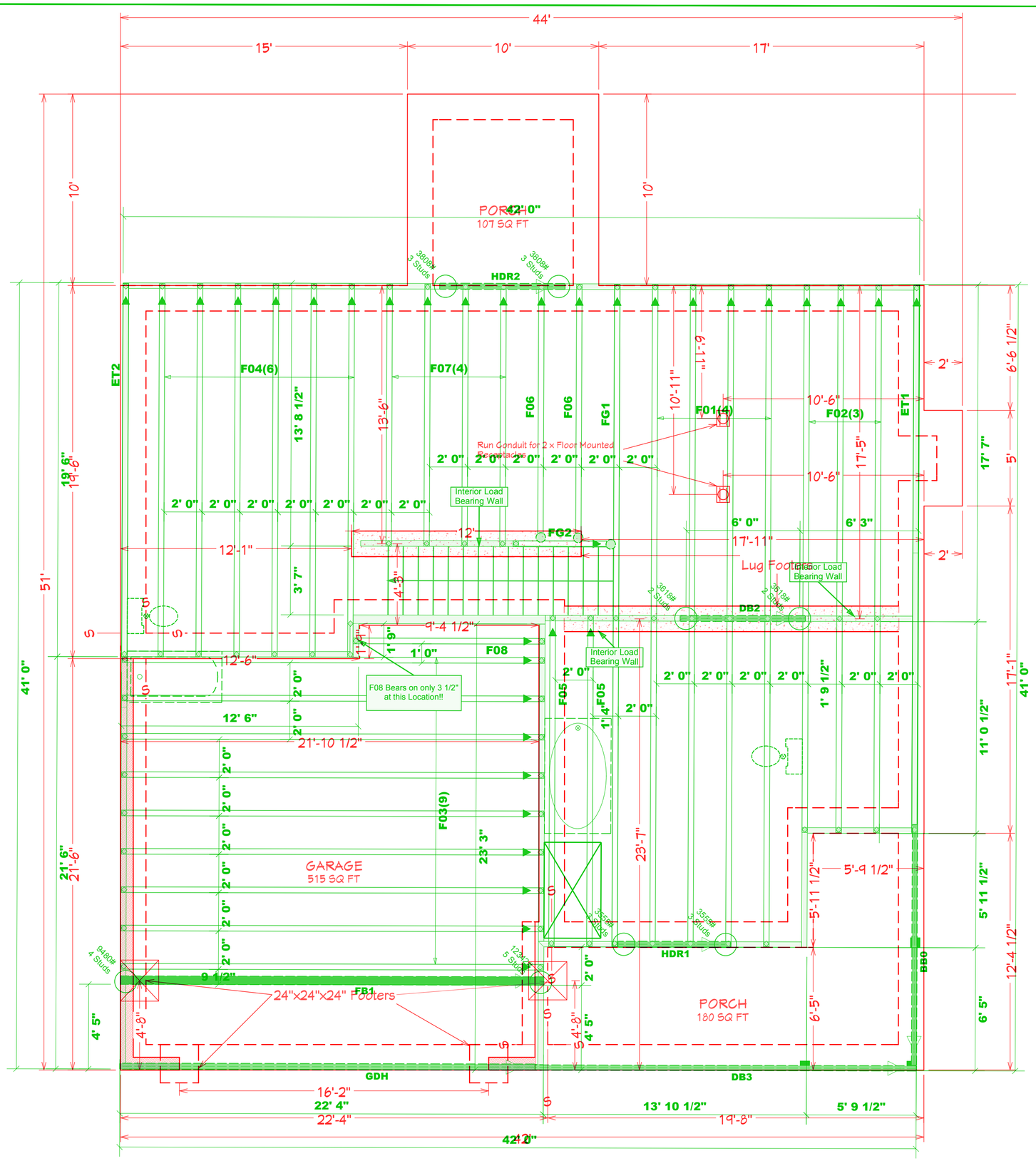

PLAN:
Hayek

Dimension Notes

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PlotID	Length	Product	Plies	Net Qty	Fab Type
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-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

DESIGNED BY:
Precision Custom Homes
Raeford, NC
Shaun@PrecisionCustomHomesNC.com

PROJECT ADDRESS:
TBD Sears Dr. (Lot 27)

SHEET TITLE:
FOUNDATION

DATE:
6/7/23

SCALE:
1/4" = 1'

SHEET:
A-2

FOUNDATION PLAN

Scale: 1/4" = 1'0"