

AVERY

TABACCO ROAD
LOT 0155



PLAN ID: 042720.0801

110 VILLAGE TRAIL SUITE 215
WOODSTOCK, GA. 30188

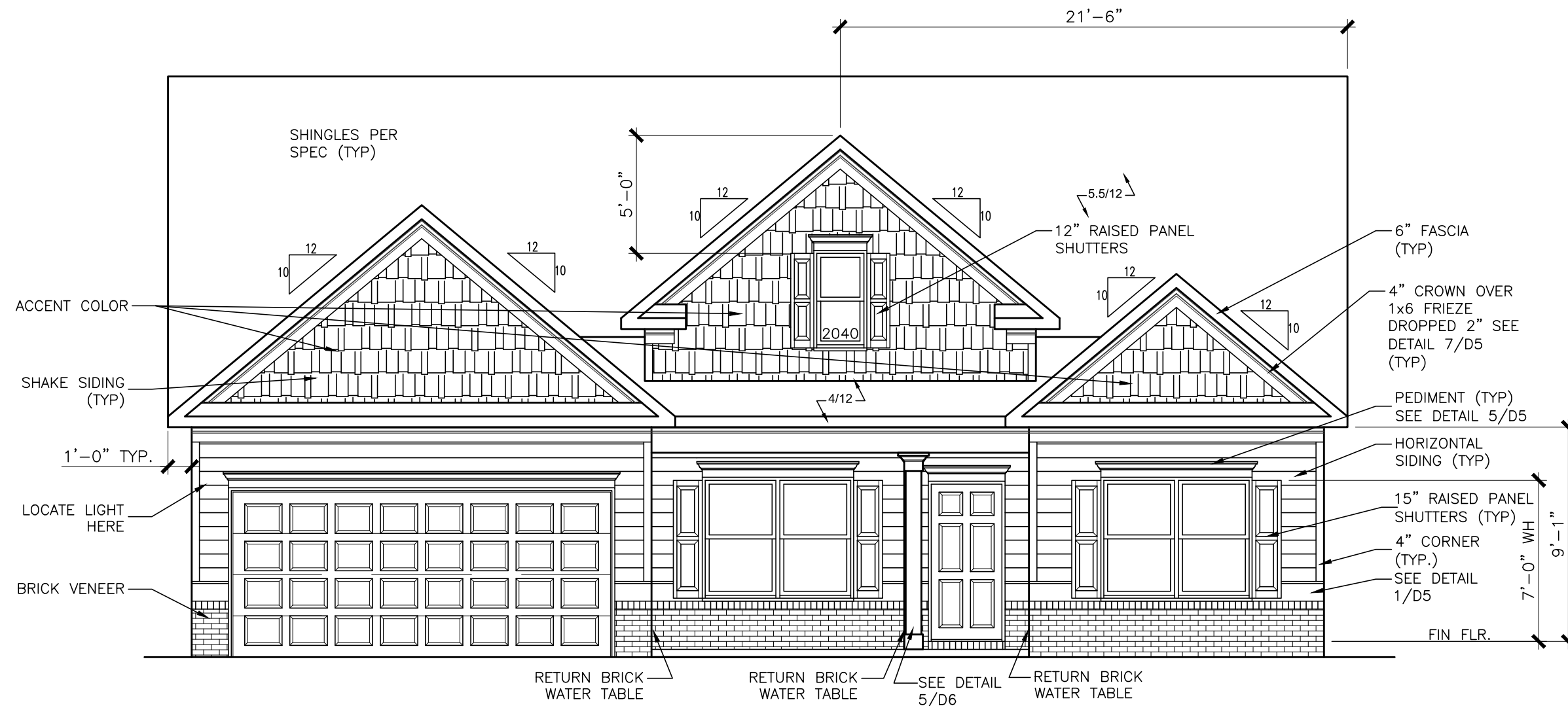
DRAWING INDEX	
A0.0	COVER SHEET
A1.1	FRONT ELEVATIONS
A2.1	SIDE & REAR ELEVATIONS
A3.1	SLAB FOUNDATIONS
A5.1	FIRST FLOOR PLANS & DETAILS
A6.1	ROOF PLANS
A7.2	ELECTRICAL PLANS

AREA TABULATION	
FIRST FLOOR	2404
TOTAL	2404
GARAGE	400
FRONT PORCH B&C MASSINGS (COVERED)	67
REAR PATIO	120

PLAN REVISIONS			
DATE	BY	REVISION	PAGE #
7/1/2019	MM	Moved refrigerator in towards kitchen and replaced nook with a chase.	A3.1, A5.1
9/10/2019	AW	PCR #3209 added clg. mount light to hall by bathroom in finished basement	A7.1.1
9/10/2019	AW	PCR #3214 Removed tempered note from 3050 window in Family Rm. next to rear door	A5.1
11/4/2019	AW	Added grade beam between B-2 & Foyer as part of truss standardization project	A3.1
1/10/2020	AW	Removed optional Study ILO Dining	A5.1.1, A7.2.1
2/11/2020	AW	PCR #3596 Relocated WP outlet on back patio so when its a deck the post won't interfere with outlet	A7.2
4/27/2020	AW	Re-centered A roof massing dormers	A1.1, A1.4, A1.13, A6.1
4/1/2021	AW	PCR #4348 Added led light & switch over tub in the En Suite Bath	A7.2.1
9/2/2021	BB	ADDED 2 TURTLE BACK VENTS TO C MASSING REAR ELEVATION	A2.3, A2.9, A6.1.2
3/1/2022	AW	Changed 3050 twin temp at rear of Brkfst to 3050 single non-temp window	A2.1-A2.3, A5.1
7/10/2023	AW	PCR #5401 Clean up plumbing dims on slab plan	A3.1
8/1/2023	AW	Changed 2x6 walls to 2x4 wall at Bath 3/B3 En Ste bath and back of coat closet	A3.1, A5.1, A5.1.1
9/20/2023	BB	Removed shower and tub sizes from all fixtures on all affected pages	A3.1, A3.1.1, A5.1-5.1.2

GOVERNMENTAL CODES & STANDARDS
HOME TO BE BUILT TO CONFORM TO ALL APPLICABLE LOCAL CODES, PRACTICES AND STANDARDS
BUILDING CODE ANALYSIS / DESIGN CRITERIA
HOME TO BE BUILT TO MEET OR EXCEED ALL LOCAL CODES AND DESIGN CRITERIA

TABACCO ROAD LOT 0155



FRONT ELEVATION "B"

SCALE: 3/16" = 1'-0"

ALL NON-MASONRY RETURNS TO
BE HORIZONTAL SIDING

SEE SHEET D3 OF SDH TYPICAL
DETAILS FOR SOFFIT DETAILS PER
SOFFIT MATERIAL

DATE	REVISION	BY



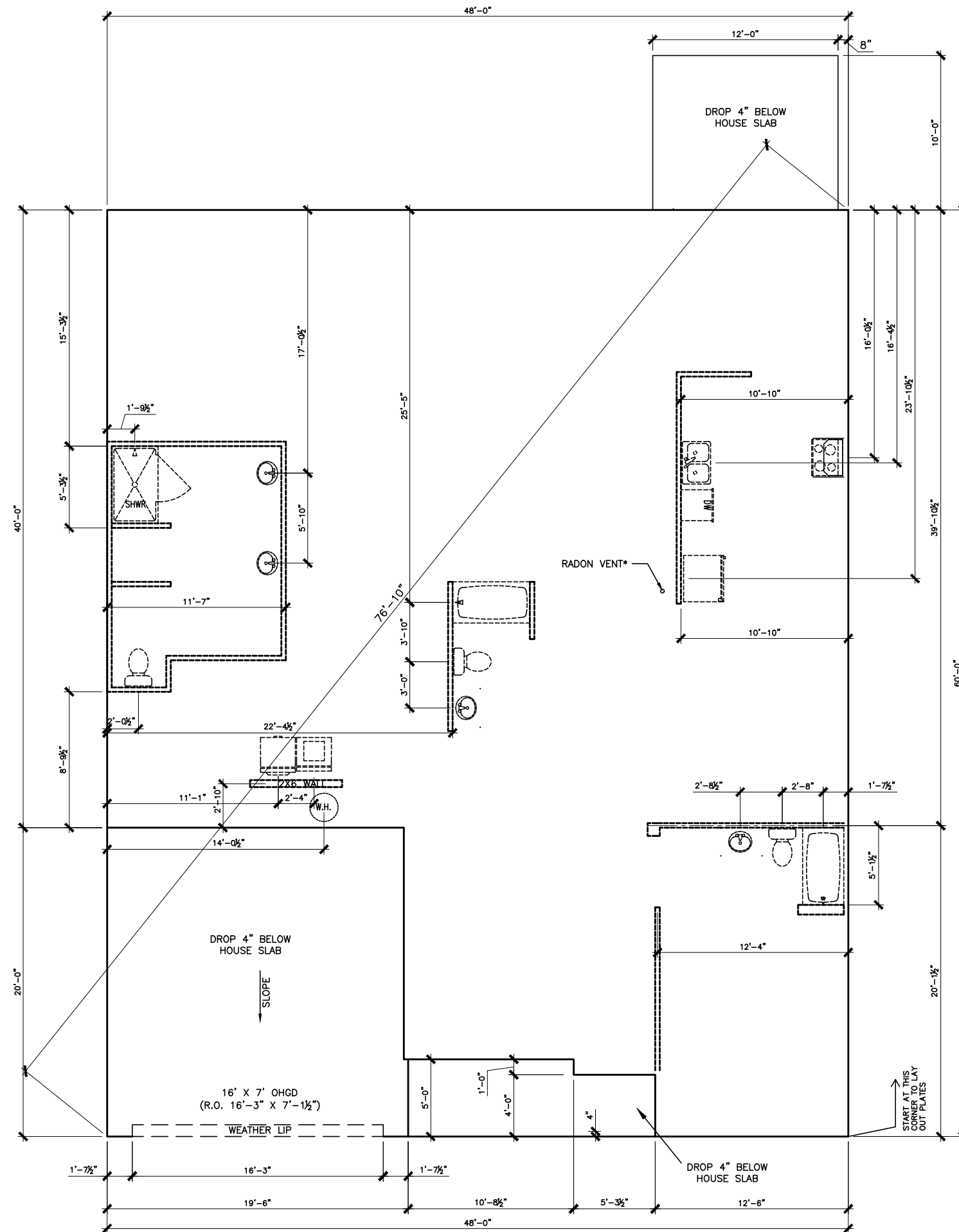
ELEVATION
FRONT ELEVATION
AVERY

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DATE: 02/28/2024	
FACADE OPT: B	
PLAN ID:	
FND: ALL	ELEV: B
PAGE NO: A1.1	

TABACCO ROAD LOT 0155



SLAB PLAN

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

*RADON VENT PROVIDED
PER LOCAL CODE

REFER TO DETAIL 3/D1
FOR BRICK LEDGE
DETAIL WHEN BRICK
VENEER IS CHOSEN

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DATE	BY	REVISION
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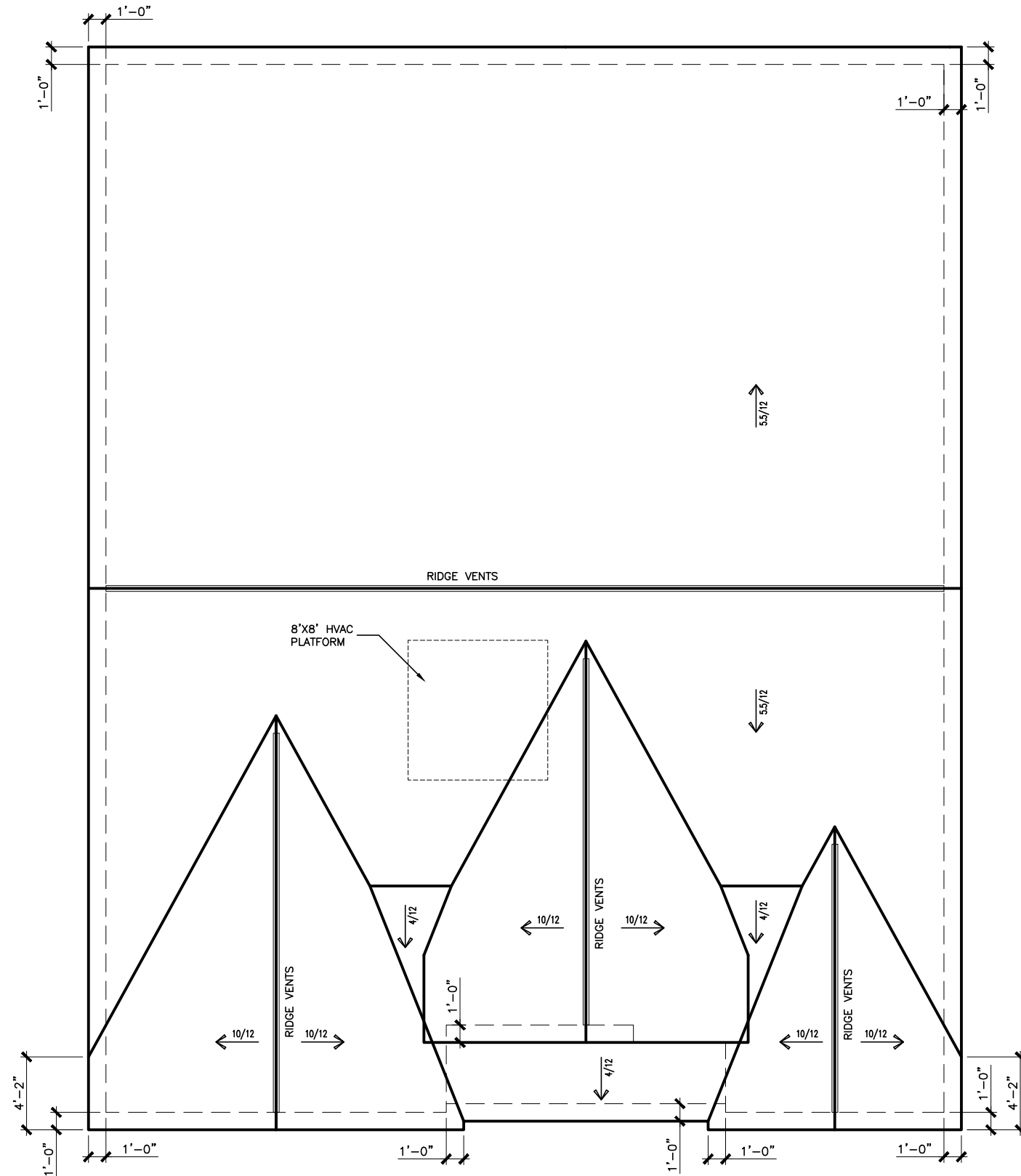
FOUNDATION PLAN
SLAB PLAN
AVERY

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FACADE OPT: B	
PLAN ID:	
FND: ALL	BLEV: B
PAGE NO: A3.1	

TABACCO ROAD LOT 0155



ROOF LAYOUT "B"

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

DATE	REVISION	BY
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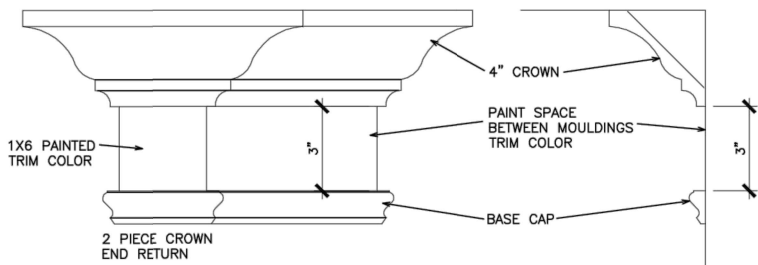
ROOF LAYOUT
ROOF PLAN
AVERY

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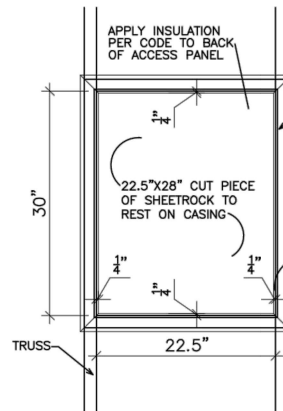
BY: TJJ	CH: AW
DATE: 02/28/2024	
FACADE OPT: B	
PLAN ID:	
FND: ALL	ELEV: B
PAGE NO: A6.1	

REFER TO LOT SPECIFIC PLAN TO DETERMINE WHICH DETAILS APPLY



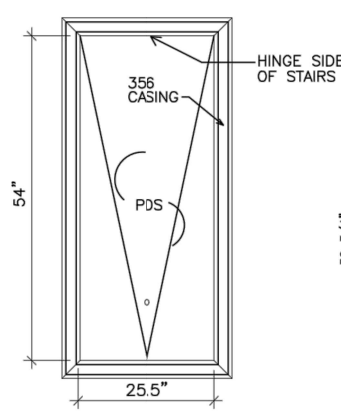
TYPICAL TWO PIECE CROWN

N.T.S.



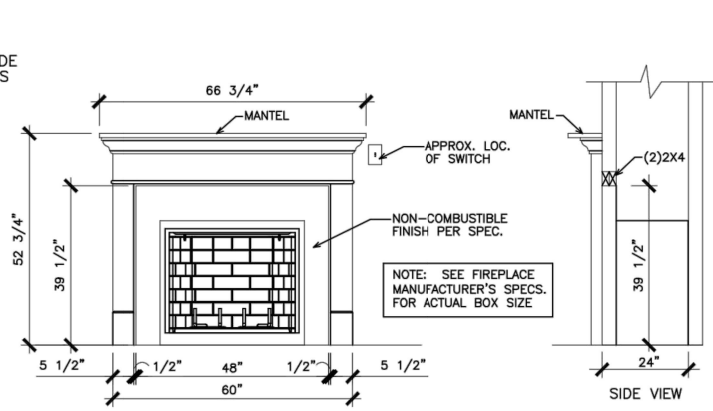
SCUTTLE HOLE DETAIL

N.T.S.



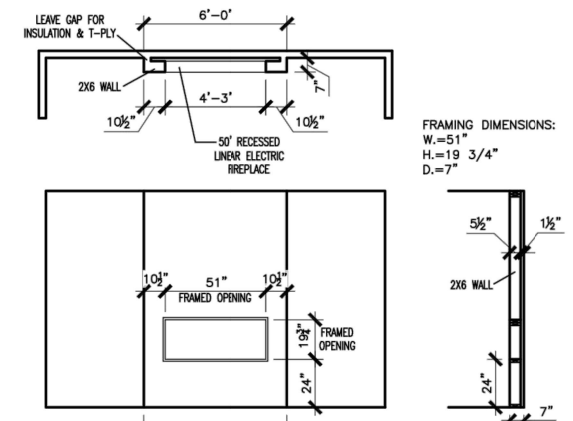
PDS TRIM DETAIL

N.T.S.



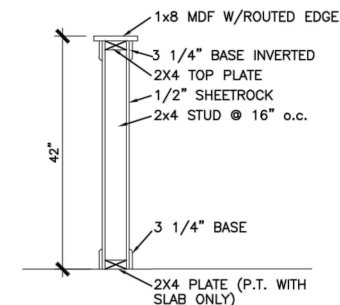
GAS/ELECTRIC FIREPLACE DETAIL WITH WESCOTT WOOD MANTEL

N.T.S.



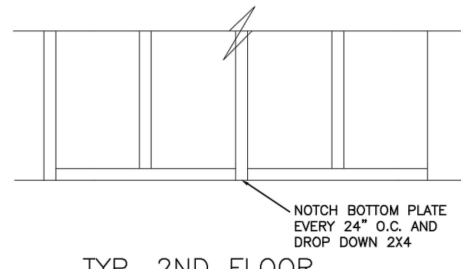
LINEAR ELECTRIC FIREPLACE DETAIL

N.T.S.



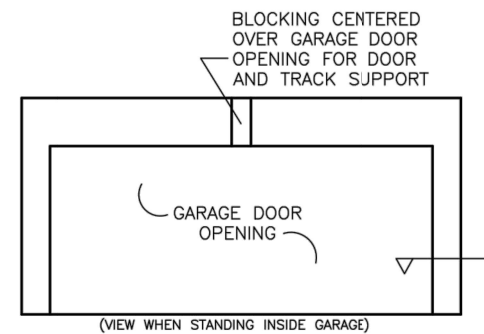
TYP. KNEEWALL SECTION

N.T.S.



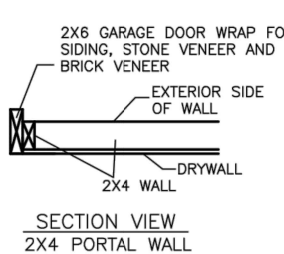
TYP. 2ND FLOOR KNEE WALL STABILITY

N.T.S.



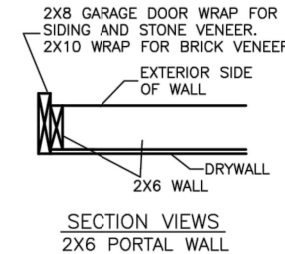
TYP. GARAGE WRAP & BLOCKING

N.T.S.



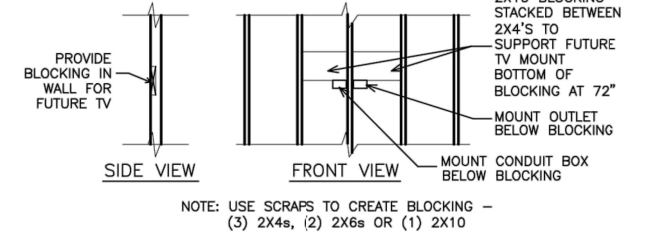
SECTION VIEW 2X4 PORTAL WALL

N.T.S.



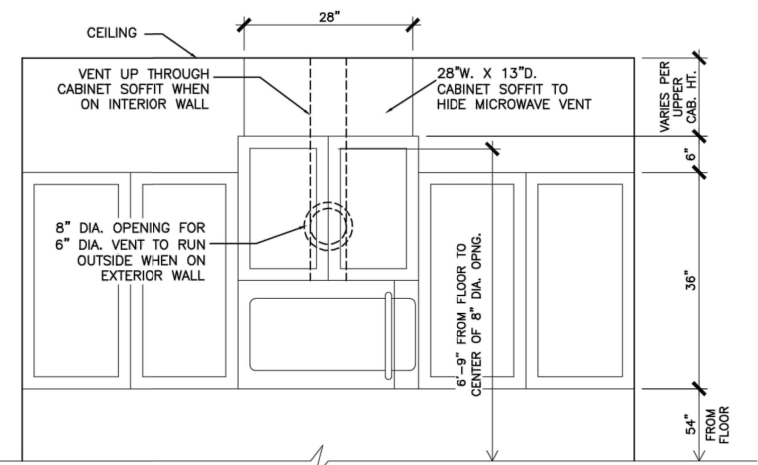
SECTION VIEWS 2X6 PORTAL WALL

N.T.S.



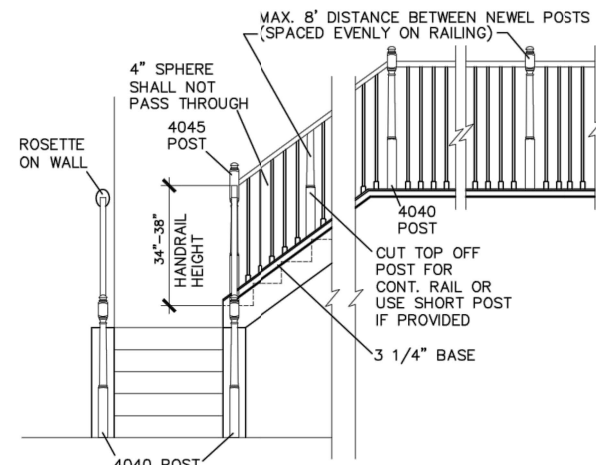
TYP. TV WALL PREP

N.T.S.



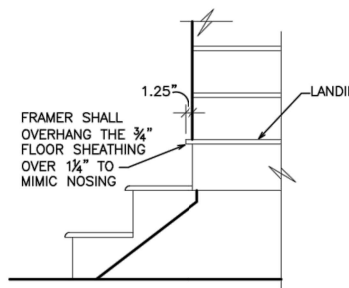
CABINET SOFFIT DETAIL ABOVE VENTED MICROWAVE W/CABINET ABOVE RANGE BUMPED UP & OUT

N.T.S.



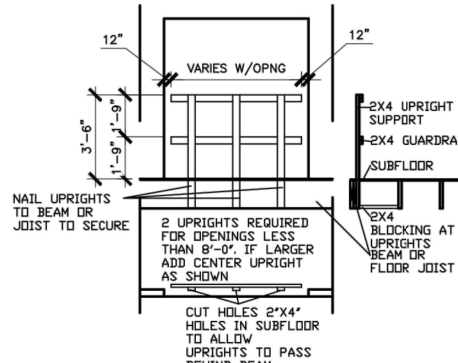
HANDRAIL/POST DETAIL @ STAIRS

N.T.S.



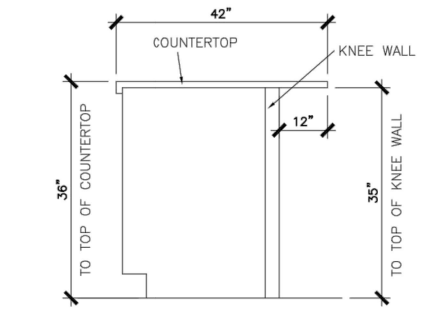
BOX STEP OVERHANG

N.T.S.



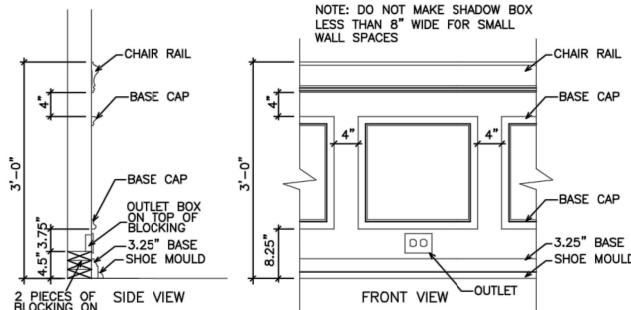
GUARD RAIL DTL. AS REQ'D

N.T.S.



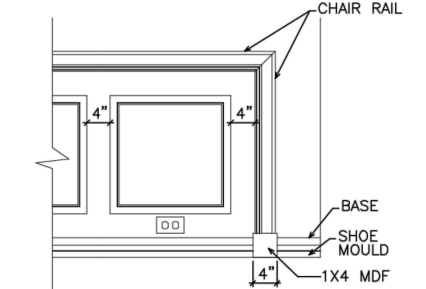
SECTION @ ISLAND KNEEWALL

N.T.S.



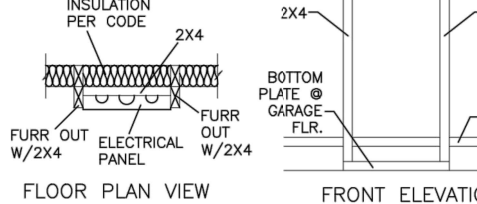
TYPICAL CHAIR RAIL & SHADOW BOX DETAIL

N.T.S.



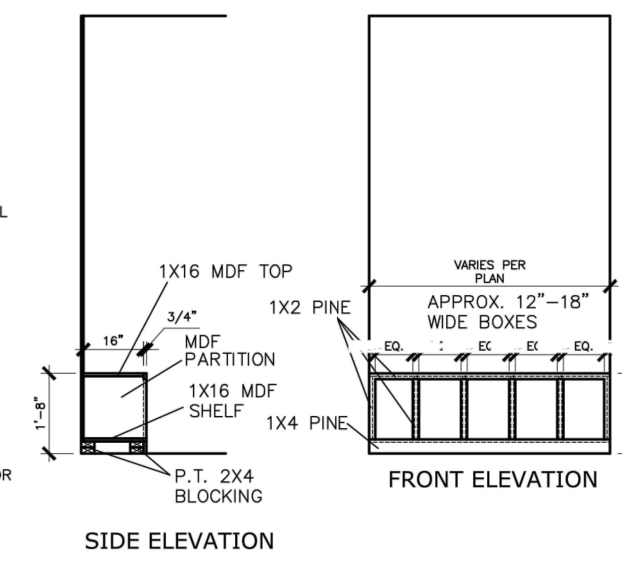
CHAIR RAIL END TRIM DETAIL

N.T.S.



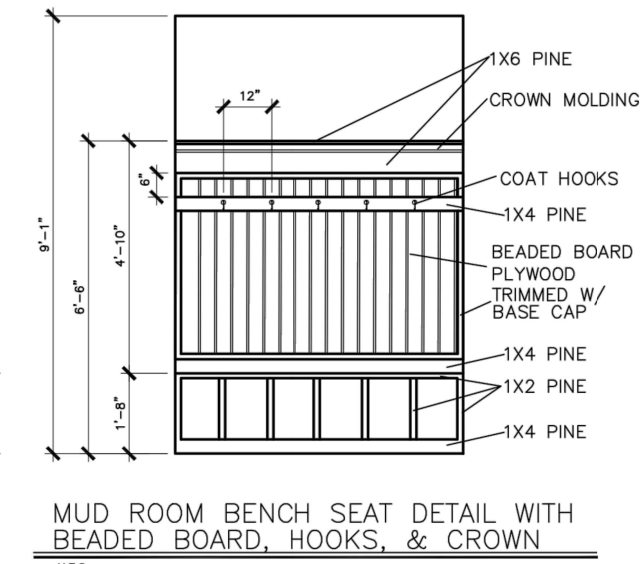
ELECTRICAL PANEL DETAIL

N.T.S.



MUD ROOM BENCH SEAT DETAIL

N.T.S.



MUD ROOM BENCH SEAT DETAIL WITH BEADED BOARD, HOOKS, & CROWN

N.T.S.

(IF TRIM CHOSEN WITHOUT BENCH CONTINUE TO FLOOR)

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BY	REVISION	DATE

SMITH DOUGLAS HOMES
QUALITY | INTEGRITY | VALUE

INTERIOR TRIM
DETAILS

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PAGE NO.:	D1.1

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

Table with 3 columns: DESCRIPTION OF BLDG. ELEMENT, 3"x0.131" NAILS, and 3"x0.120" NAILS. Rows include JOIST TO SOLE PLATE, DOUBLE STUD, DOUBLE TOP PLATE, TOP PLATE LAP @ CORNERS, RAFTER/TRUSS TO TOP PLATE, GAB. END TRUSS TO DBL. TOP PL., R.T. w/ HEEL HT. 9 1/4" TO 12", R.T. w/ HEEL HT. 12" TO 16", R.T. w/ HEEL HT. UP TO 24", R.T. w/ HEEL HT. 24" TO 48", and WALL TO FOUNDATION.

* 2 1/2"x0.113 IS AN ACCEPTABLE ALTERNATIVE TO A 3"x0.120", SAME SPACING OR NUMBER OF NAILS. (ONLY ACCEPTABLE WHERE * ARE SHOWN)

ADDITIONAL NOTES FOR TRUSS & I-JOIST MANUFACTURER

ROOF TRUSSES AND ENGINEERED JOISTS SHALL BE DESIGNED TO MEET THE DEFLECTION CRITERIA BELOW, UNLESS NOTED 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 MK FOR REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.

VENEER LINTEL SCHEDULE

Table with 3 columns: SPAN (MAX), HEIGHT OF VENEER ABOVE LINTEL, and STEEL ANGLE SIZE. Rows include 3'-0", 6'-0", 8'-0", and 9'-6" spans.

ALL LINTELS - SHALL SUPPORT 2 3/8" - 3 1/2" VENEER w/ 40 psf MAXIMUM HEIGHT. 4" @ 16" SHALL HAVE 4" MIN. BEARING. 6" @ 16" SHALL HAVE 8" MIN. BEARING.

GENERAL STRUCTURAL NOTES

FOUNDATION

- DESIGN IS BASED ON 2018 NCSCB-RESIDENTIAL CODE & 2018 IRC WITH SOUTH CAROLINA AMENDMENTS.
FOOTING DESIGN - 2,000 PSF NET ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED.
FASTEN 2x4/6 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
FA4 ANCHOR STRAPS @ 6'-0" O.C.

LEGEND

- INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. U.N.O.)
INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. U.N.O.)
INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER
INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX)

LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: 120MPH WIND IN 2018 NCSCB-RC & 120MPH WIND IN 2018 IRC (120 MPH WIND SPEED IN ASCE 7 WIND MAP, PER IRC R301.2.1.1) EXP. B, RISK CAT. 2 & SEISMIC CAT. A/B.

THE DESIGN WAS COMPLETED PER 2015 & 2018 IBC (SECTION 1604) & ASCE 7, AS PERMITTED BY R301.1.3 OF THE 2018 NCSCB-RC & 2018 IRC. ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREIN, 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.
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.

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" O.C. IN THE PANEL FIELD.
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/ 3" x 0.120" NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

NON-BEARING HEADER SCHEDULE

Table with 3 columns: SPAN, 2x4 NON-BEARING PARTITION WALL, and 2x6 NON-BEARING PARTITION WALL. Rows include UP TO 3'-0", UP TO 6'-0", and UP TO 8'-0" spans.

- ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x STUD GRADE MEMBERS SPACED @ 24" O.C. (MAX.)

FLOOR FRAMING

- I-JOISTS SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA. EXCLUDES STONE/MARBLE OR WET BED CONSTRUCTED FLOORS - CONTACT MK 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 LOADS').
FLOOR SYSTEMS & SHEATHING HAVE BEEN DESIGNED TO SUPPORT ADDITIONAL DEAD LOAD FROM CERAMIC TILE (EXCLUDING MARBLE OR STONE). HOWEVER, IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO PROVIDE PROPER UNDERLAYMENT, UNCOUPLING MEMBRANE AND MORTAR/GROUT FOR THE ASSEMBLY DESIGNATIONS IN THE TCNA HANDBOOK (TILE COUNCIL OF NORTH AMERICA).

ROOF FRAMING

- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE 1 (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS - w/ 2 1/2" x 0.131" NAILS @ 6" O.C. @ PANEL EDGES & @ 12" O.C. FIELD.
WITHIN 48" OF ALL ROOF EDGES, RIDGES, & HIPS FASTEN ROOF SHEATHING FIELDS PER EDGE NAILING SPEC.
FASTEN EACH ROOF TRUSS TO TOP PLATE w/ USP RTTA CLIP (OR APPROVED EQUAL) @ ALL BEARING POINTS. PROVIDE (2) RTTA CLIPS AT 2-PLY GIRDER TRUSSES, (3) RTTA CLIPS AT 3-PLY GIRDER TRUSSES & ROOF BEAMS - AT ALL BEARING POINTS.

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 NECESSARY 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 ELEMENTS IN CONTACT WITH FLOOR FRAMING ARE LEVEL, INCLUDING, BUT NOT LIMITED TO; FOUNDATIONS, SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING ELEMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LEVELNESS AND MAKE ADJUSTMENTS AS NECESSARY, INCLUDING CONSIDERATION OF THOSE AREAS THAT MAY BE WITHIN CONTRACTUAL, INDUSTRY, OR WARRANTY TOLERANCES.

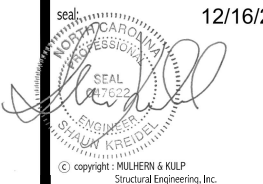
GENERAL STRUCTURAL NOTES

- DESIGN IS BASED ON 2018 NCSCB-RESIDENTIAL CODE & 2018 IRC WITH SOUTH CAROLINA AMENDMENTS
WOOD FRAME ENGINEERING IS BASED ON NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.
DESIGN LOADS:
ROOF LIVE = 20 PSF
DEAD = 1 PSF T.C., 10 PSF B.C.
LOAD DURATION FACTOR = 1.25
FLOOR LIVE = 40 PSF (30 PSF @ SLEEPING AREAS)
DEAD = 10 PSF (1-JOISTS)
ADD'L 10 PSF @ CERAMIC TILE IN BATHS & LAUND.

GENERAL FRAMING

- ALL TYP. NAIL FASTENER REQUIREMENTS ARE NOTED IN STANDARD CONNECTIONS TABLE (IRC TABLE R602.3(1)) OR ON PLANS. ALL NAILS SPECIFIED ARE MIN DIAMETER AND LENGTH REQUIRED FOR CONNECTION. ALL HANGER NAILS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS FOR MAX CHARTED CAPACITY.
EXT. & INT. BEARING WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON PLANS) @ 16" O.C. SPF/SP STUD GRADE LUMBER, OR BETTER, U.N.O.
ALL INTERIOR BEARING WALLS ARE ASSUMED TO BE SHEATHED w/ GYP WALL BOARD (ONE SIDE MIN.) OR PROVIDE MID HT. BLOCKING.
ALL HEADERS, BEAMS & OTHER STRUCTURAL MEMBERS SHALL BE SPRUCE-PINE-FIR #2 (SPF) OR SOUTHERN PINE #2 (SP) LUMBER, OR BETTER. SUPPORT ALL HEADERS/ BEAMS w/ (1)2x JACK STUD @ (1)2x KING STUD, MINIMUM.

- CORROSION NOTES:
BUILDER RESPONSIBLE TO DETERMINE CORROSION-RESISTANCE REQUIREMENTS AND COMPATIBILITY OF HARDWARE, FASTENERS AND CONNECTORS FOR ENVIRONMENTAL EXPOSURE AND IN CONTACT w/ PRESERVATIVE-TREATED WOOD OF ACTUAL FINAL CONDITIONS AND SOURCED MATERIALS. CONTACT LUMBER & HARDWARE SUPPLIERS TO COORD.
ALL FASTENERS AND CONNECTORS EXPOSED TO SALT WATER (WITHIN 300' OF SALT WATER SHORELINE, INCLUDING VENTED SPACES) SHALL BE STAINLESS STEEL.



MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING
3625 Remondino Parkway, Suite 105 - Alpharetta, GA 30022
770-777-8874 - mulhern@mulhernkulp.com
NC License # C-3825

Mulhern+Kulp project number: 256-22014
project mgr: SMK
drawn by: MMD
issue date: 09-29-2023

REVISIONS:
date: initial:
12/14/2023 - CREATED MIRRORRED SET MMD

SMITH DOUGLAS HOMES

GENERAL STRUCTURAL NOTES
AVERY MODEL
120 MPH WIND ZONE
NORTH CAROLINA

Tobacco Lot 155

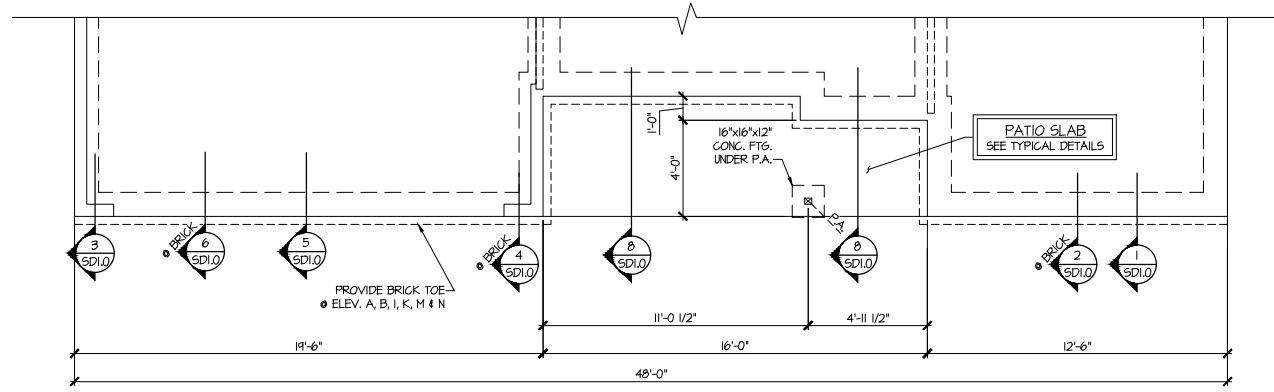
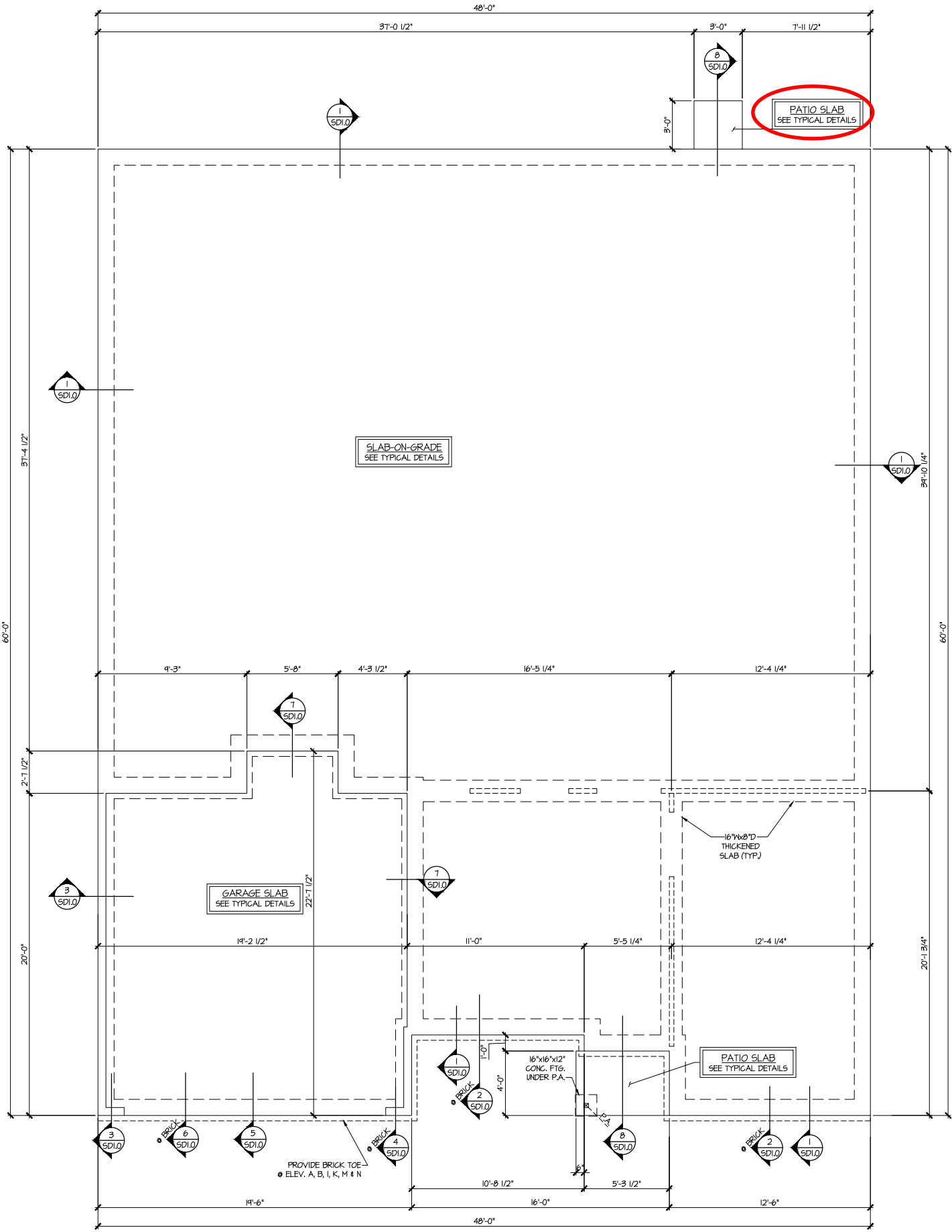
Mulhern+Kulp project number:	256-22014
project mgr:	SMK
drawn by:	MMD
issue date:	09-29-2023
REVISIONS:	
date:	initial:
12/14/2023 - CREATED MIRROR SET	MMD

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**Tobacco
 Lot 155**

MONO-SLAB FOUNDATION
 A VERY MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA

sheet:
S1.0M

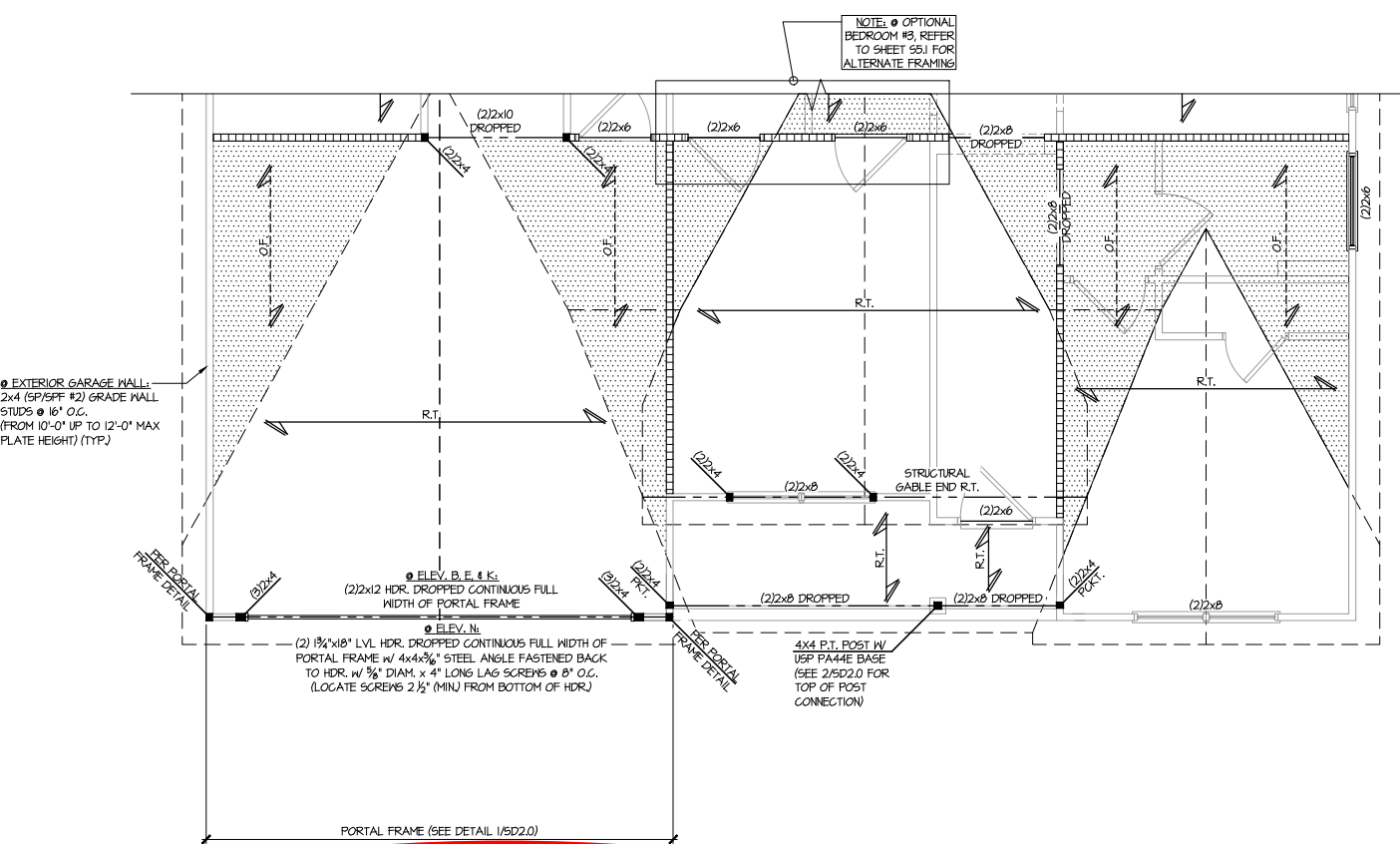
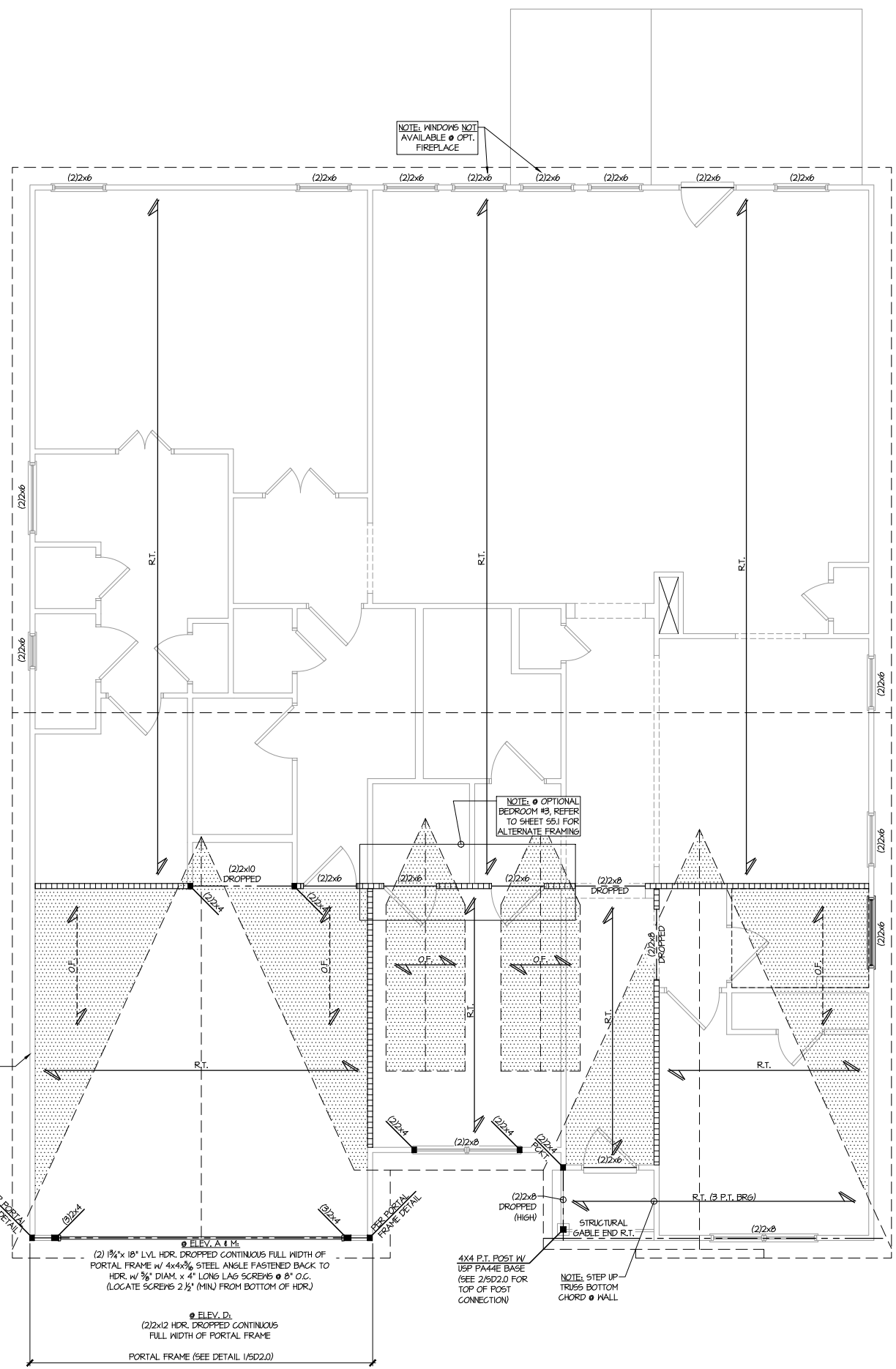


2 MONO-SLAB FOUNDATION PLAN
 SCALE: 1/4"=1'-0" ON 22x34
 1/8"=1'-0" ON 11x17
 ELEV. B, C, E, F, H, K, I, N
 (SEE ELEV. A FOR ADD'L INFO)

REFER TO S.O. FOR TYPICAL
 STRUCTURAL NOTES & SCHEDULES

LEGEND	
	INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. U.N.O.)
	INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. U.N.O.)
	INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER
	INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX)
	INDICATES LOCATIONS OF POTENTIAL TILE FLOOR. JOIST MANUFACTURER SHALL DESIGN FLOOR SYSTEM FOR ADDL. 10 PSF DEAD LOAD AT THESE LOCATIONS.
	INTERIOR BEARING WALL
	BEARING WALL ABOVE (B.W.A.)
	BEAM/HEADER
	METAL HANGER
	INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

1 MONO-SLAB FOUNDATION PLAN
 SCALE: 1/4"=1'-0" ON 22x34
 1/8"=1'-0" ON 11x17
 ELEV. A, D, J, L



2 PARTIAL ROOF FRAMING PLAN
 SCALE: 1/4"=1'-0" ON 22x34
 1/8"=1'-0" ON 11x17
 ELEV. B, E, K, & N
 (SEE ELEV. A FOR ADD'L INFO)

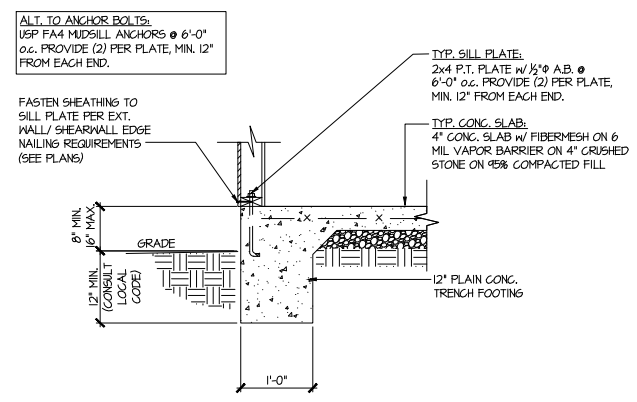
Tobacco Lot 155

THIS LEVEL HAS BEEN DESIGNED FOR 9'-1" PLATE HEIGHT

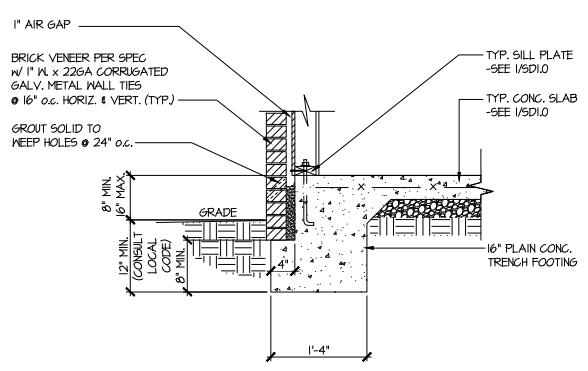
REFER TO S0.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

LEGEND	
	INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. U.N.O.)
	INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. U.N.O.)
	INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER
	INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX)
	INDICATES LOCATIONS OF POTENTIAL TILE FLOOR. JOIST MANUFACTURER SHALL DESIGN FLOOR SYSTEM FOR ADD'L 10 PSF DEAD LOAD AT THESE LOCATIONS.
	INTERIOR BEARING WALL
	BEARING WALL ABOVE (B.W.A)
	BEAM/HEADER
	METAL HANGER
	INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

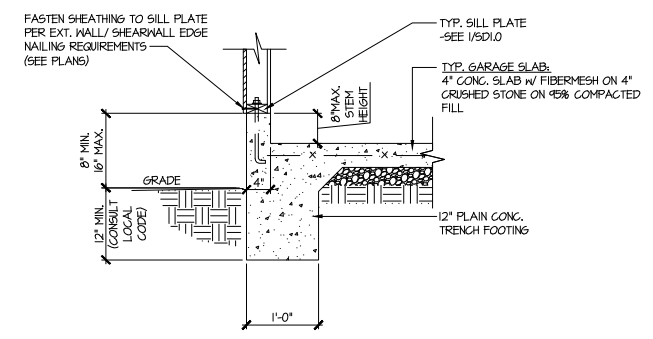
1 ROOF FRAMING PLAN
 SCALE: 1/4"=1'-0" ON 22x34
 1/8"=1'-0" ON 11x17
 ELEV. A, D, & M



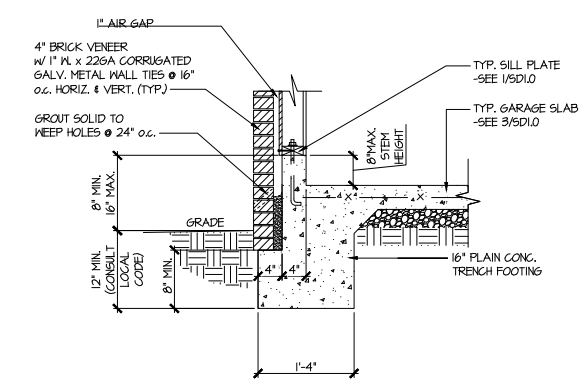
1 TYPICAL SLAB ON GRADE PERIMETER FOOTING



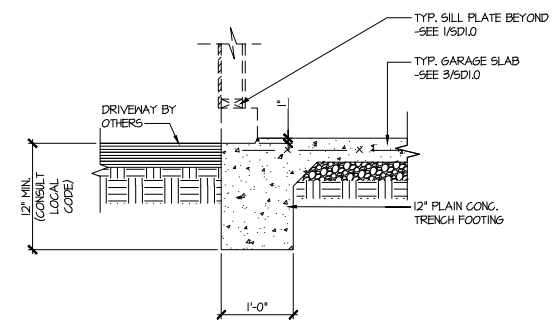
2 TYPICAL SLAB ON GRADE PERIMETER FOOTING w/ BRICK VENEER



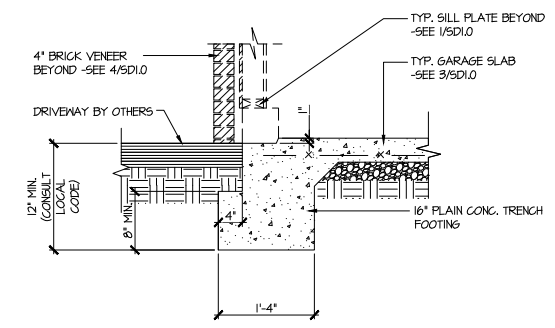
3 TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING



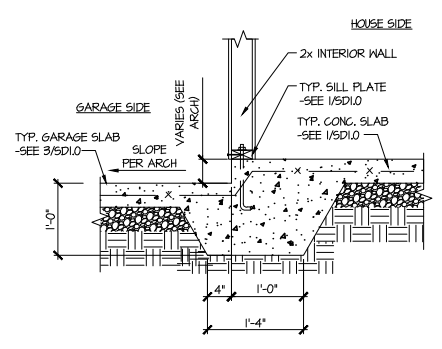
4 TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING w/ BRICK VENEER



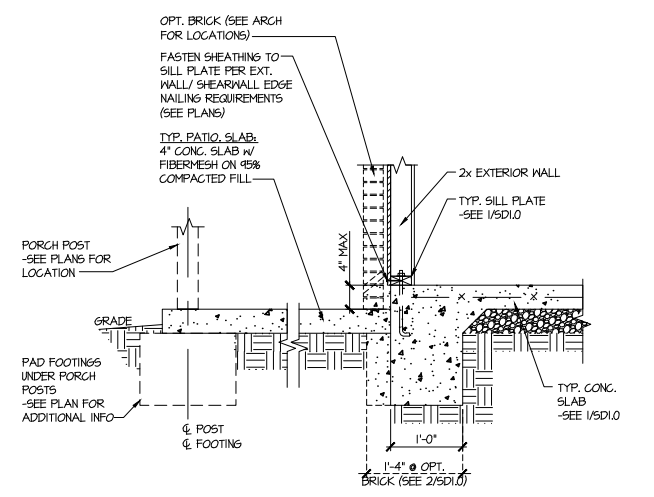
5 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING



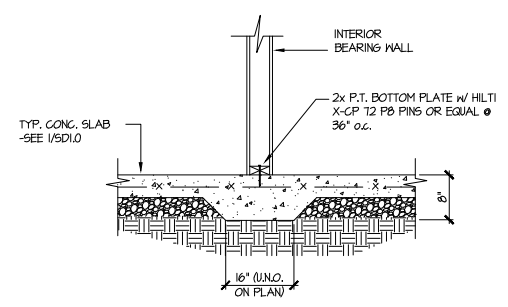
6 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING w/ BRICK VENEER



7 TYPICAL MONOLITHIC INTERIOR GARAGE FOOTING



8 TYPICAL SLAB ON GRADE PERIMETER FOOTING @ PORCH/PATIO



9 TYPICAL THICKENED SLAB @ INTERIOR BEARING WALL

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 770-777-8974 - mulhern+kulp.com
 NC License # C-3825

Mulhern+Kulp project number:
 256-22014

project mgr: SMK
 drawn by: MMD
 issue date: 09-29-2023

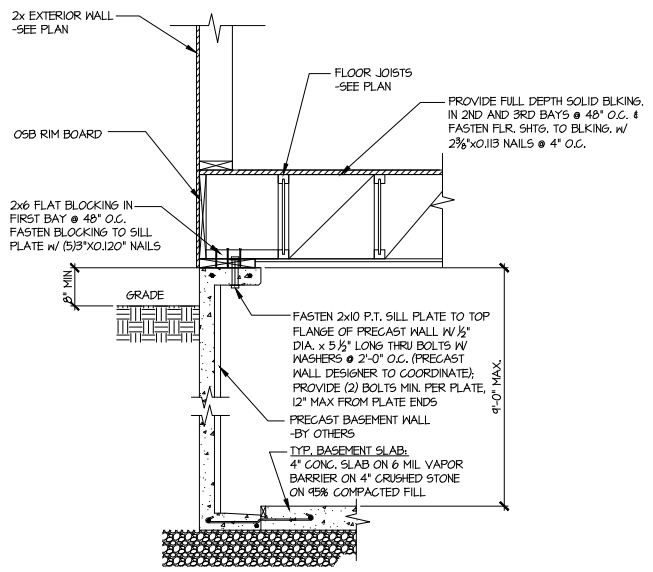
REVISIONS:
 date: initial:
 12/14/2023 - CREATED MIRROR SET MMD

SMITH DOUGLAS
 HOMES

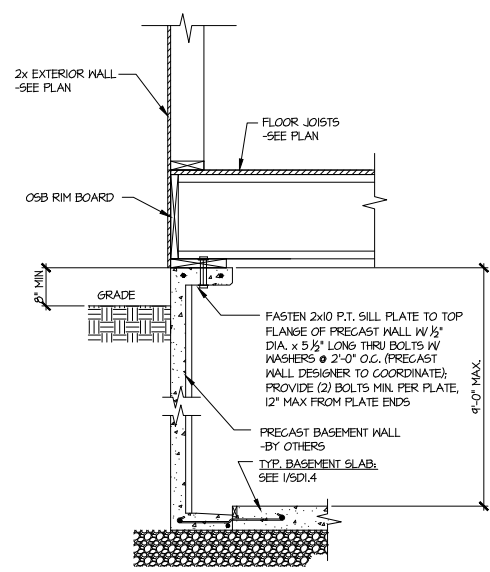
FOUNDATION DETAILS
 A VERY MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA

Tobacco
 Lot 155

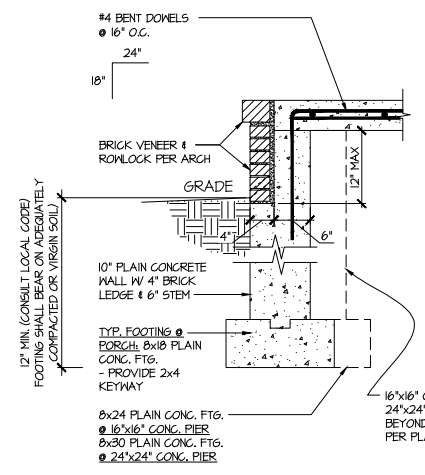
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SD1.0



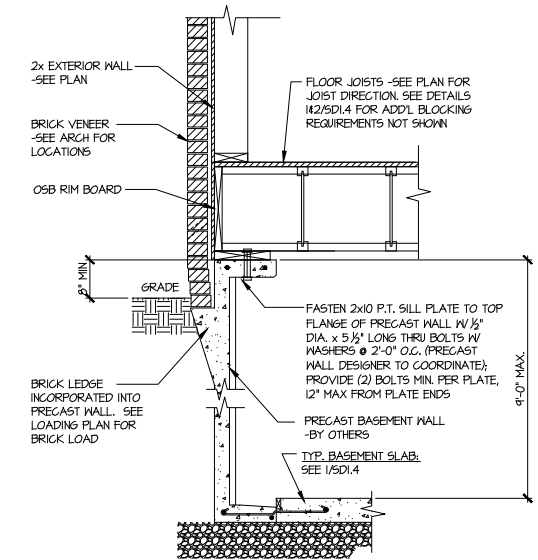
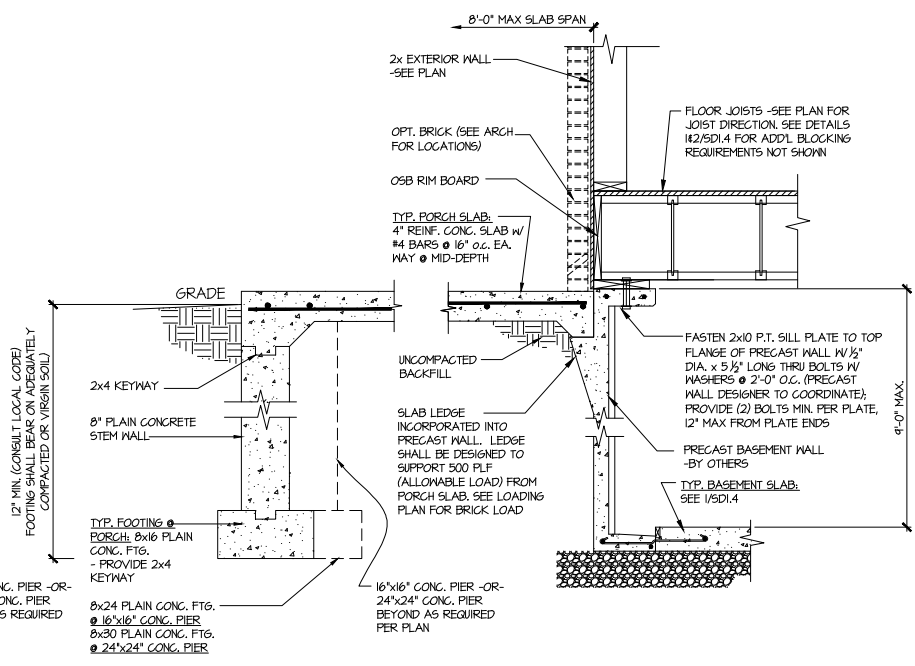
1 SECTION
 SCALE: 3/4"=1'-0"



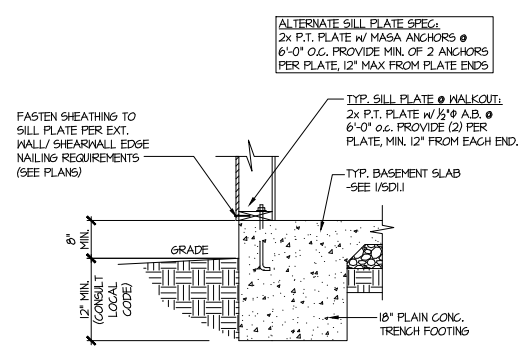
1A SECTION
 SCALE: 3/4"=1'-0"



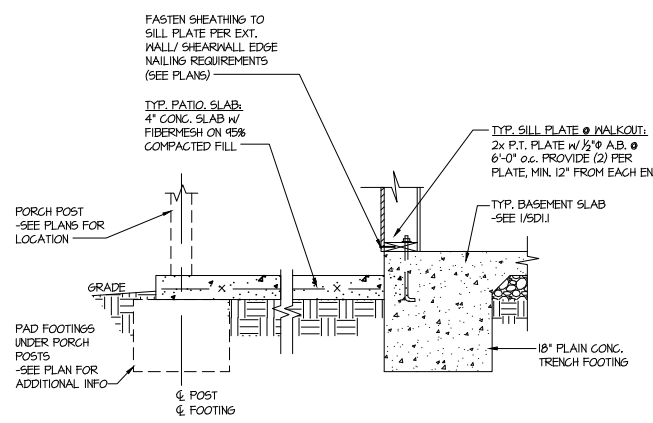
3 SECTION
 SCALE: 3/4"=1'-0"



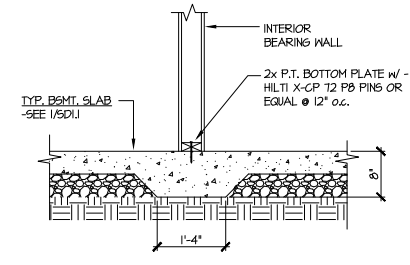
2 SECTION
 SCALE: 3/4"=1'-0"



4 TYPICAL BASEMENT FOUNDATION @ WALKOUT



5 TYPICAL BASEMENT FOUNDATION @ WALKOUT



6 TYPICAL THICKENED SLAB @ INTERIOR BEARING WALL

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Mulhern+Kulp project number:
 256-22014

project mgr: SMK
 drawn by: MMD
 issue date: 09-29-2023

REVISIONS:
 date: initial:
 12/14/2023 - CREATED MIRROR SET MMD

SMITH DOUGLAS
 HOMES

FOUNDATION DETAILS
 A VERY MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA

Tobacco
 Lot 155

sheet:
SD1.4



Mulhern+Kulp project number:
256-22014

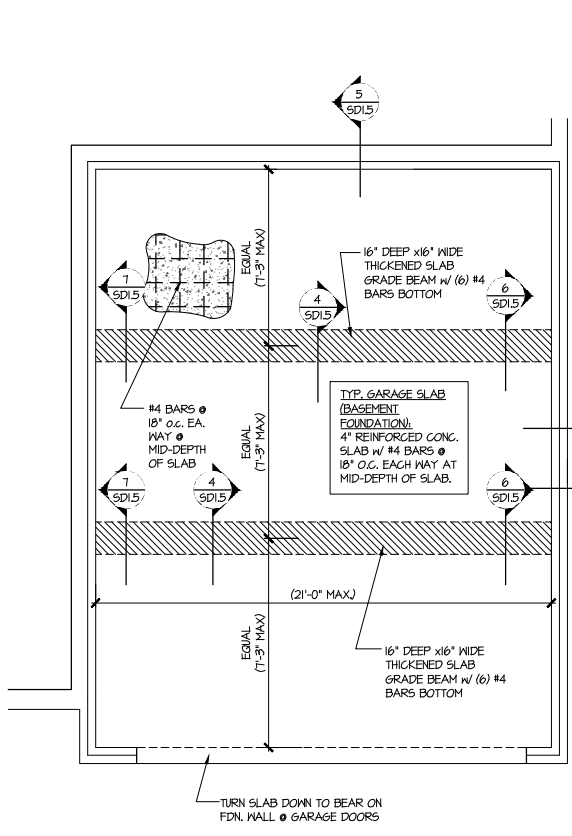
project mgr: **SMK**
 drawn by: **MMD**
 issue date: **09-29-2023**

REVISIONS:
 date: _____ initial: _____
 12/14/2023 - CREATED MIRROR SET MMD

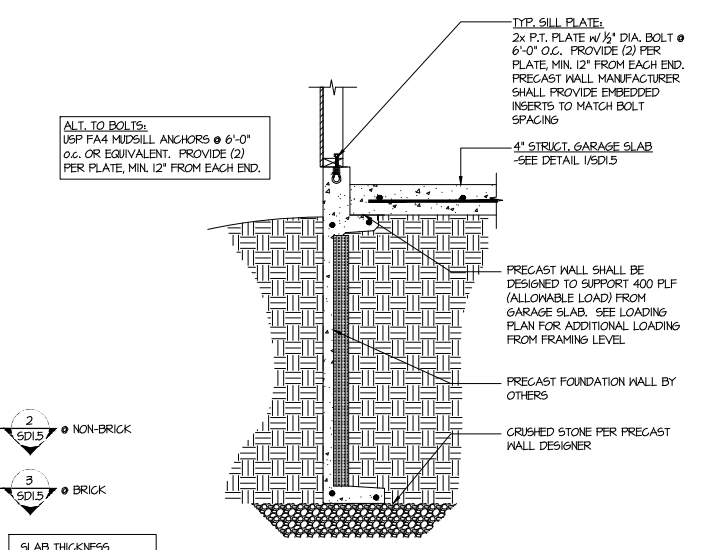
SMITH DOUGLAS
 HOMES

FOUNDATION DETAILS
 A VERY MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA

**Tobacco
 Lot 155**



1 **GENERIC FOUNDATION PLAN KEY @ GARAGE**
 SCALE: 1/4"=1'-0"

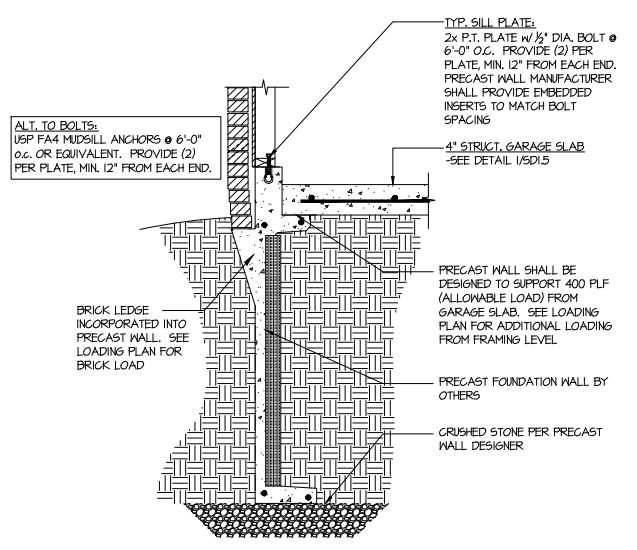


2 **TYPICAL PERIMETER FOOTING @ GARAGE - BASEMENT FOUNDATION**

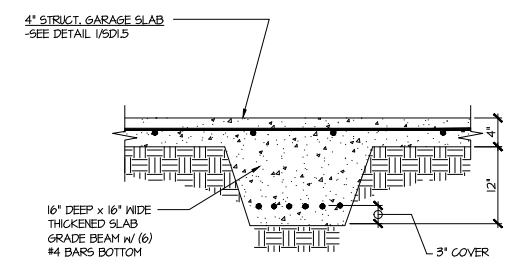
2 SD1.5 @ NON-BRICK
 3 SD1.5 @ BRICK

SLAB THICKNESS SHOWN IS MIN. THICKNESS REQ'D - SLOPE OF SLAB SHALL NOT COMPROMISE MIN. THICKNESS

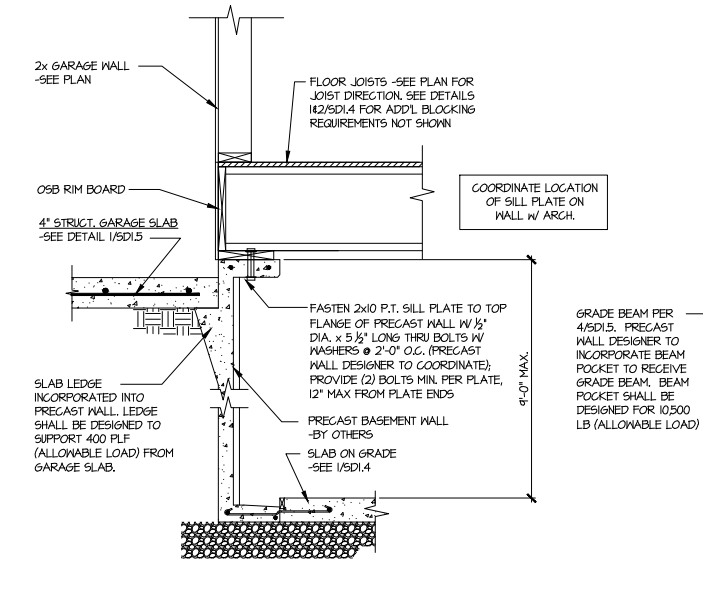
SEE ARCHITECTURAL PLANS FOR ACTUAL GARAGE DIMENSIONS



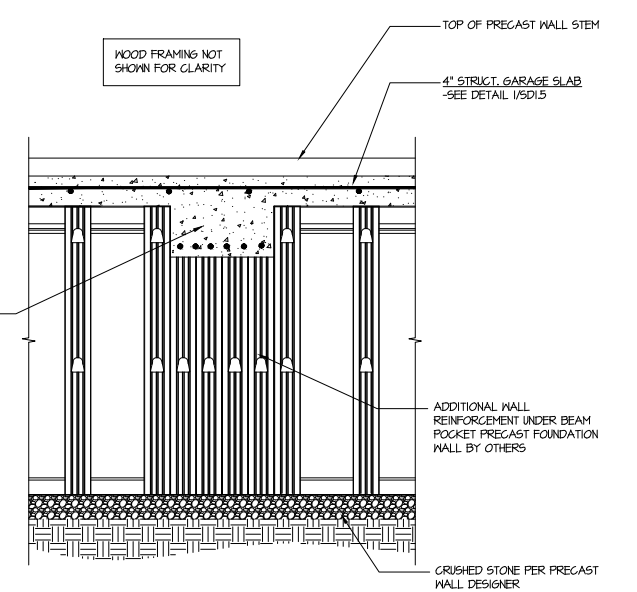
3 **TYPICAL PERIMETER FOOTING @ GARAGE - BASEMENT FOUNDATION (BRICK)**



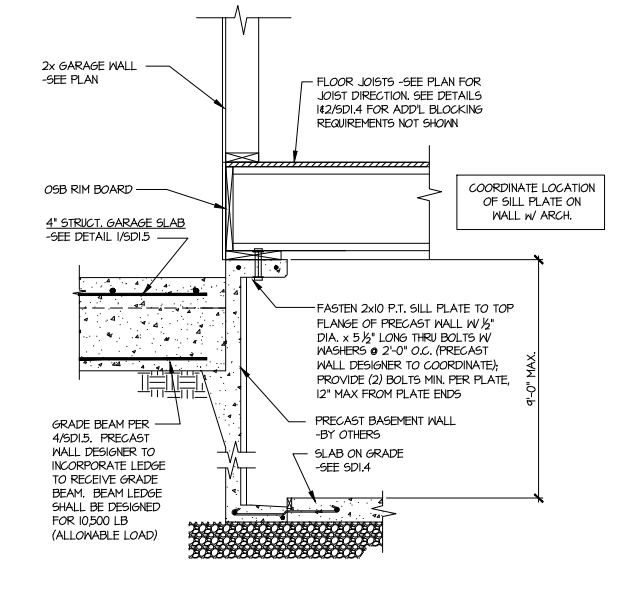
4 **TYPICAL CONCRETE GRADE BEAM @ GARAGE FDN.**
 SCALE: 3/4"=1'-0"



5 **CONCRETE BSMT. FDN. WALL @ GARAGE**



6 **SECTION**
 SCALE: 3/4"=1'-0"



7 **SECTION**
 SCALE: 3/4"=1'-0"

Mulhern+Kulp project number:
256-22014

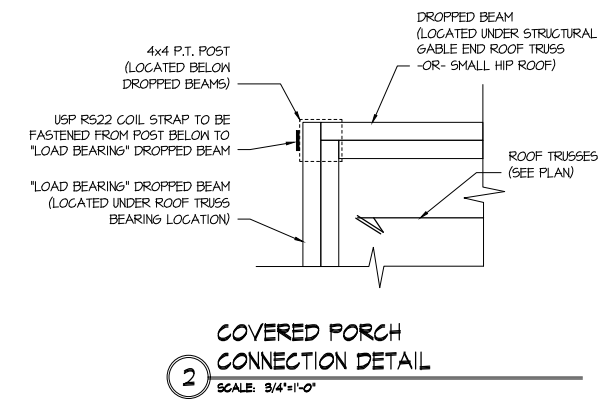
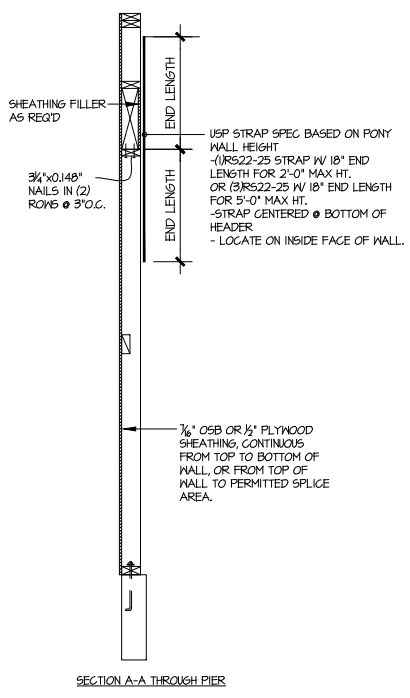
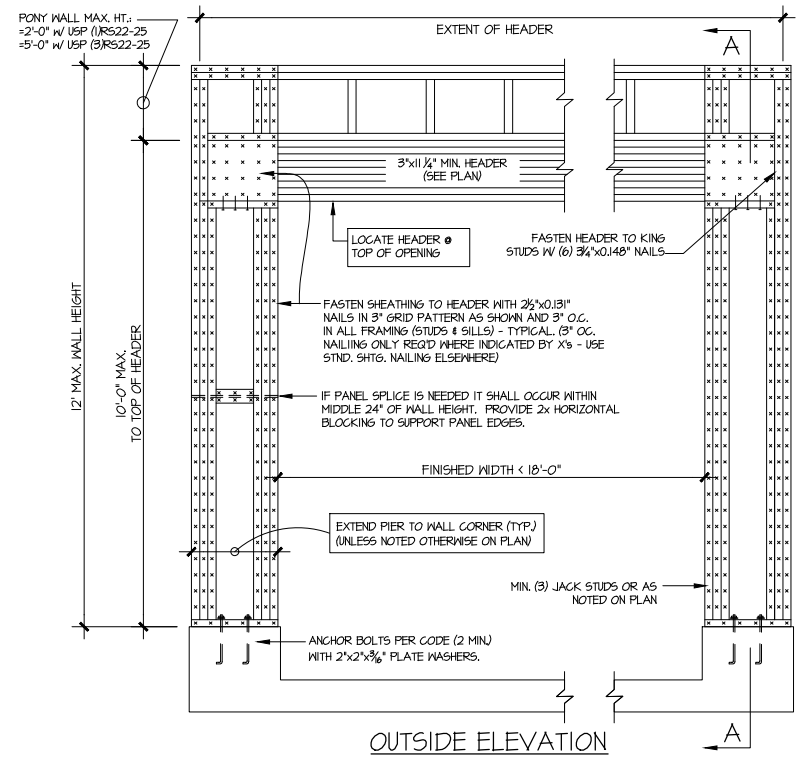
project mgr: **SMK**
 drawn by: **MMD**
 issue date: **09-29-2023**

REVISIONS:
 date: initial:
 12/14/2023 - CREATED MIRRORRED SET MMD

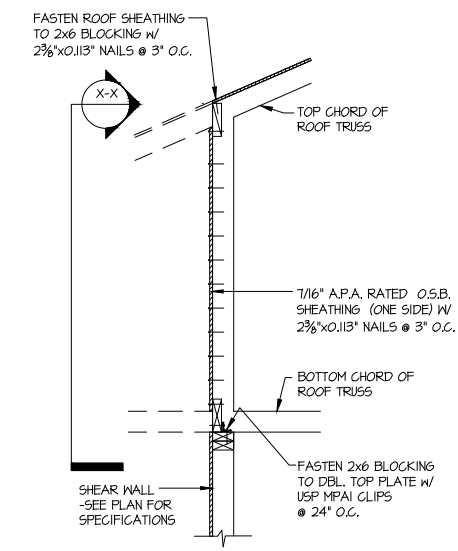
SMITH DOUGLAS
 HOMES

FRAMING DETAILS
A VERY MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA

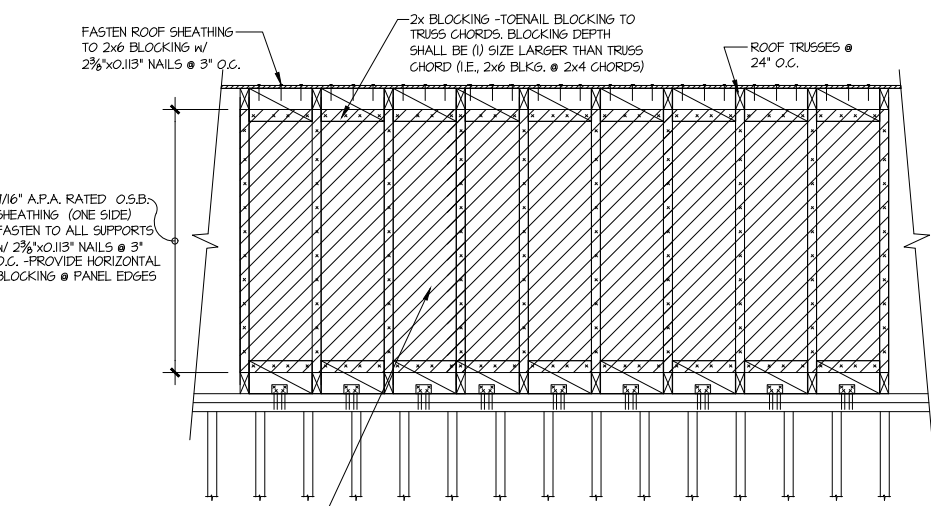
**Tobacco
 Lot 155**



COVERED PORCH CONNECTION DETAIL
 SCALE: 3/4"=1'-0"

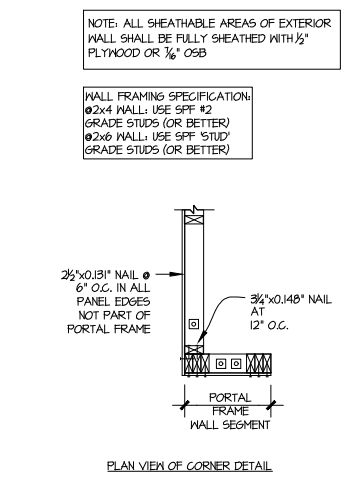
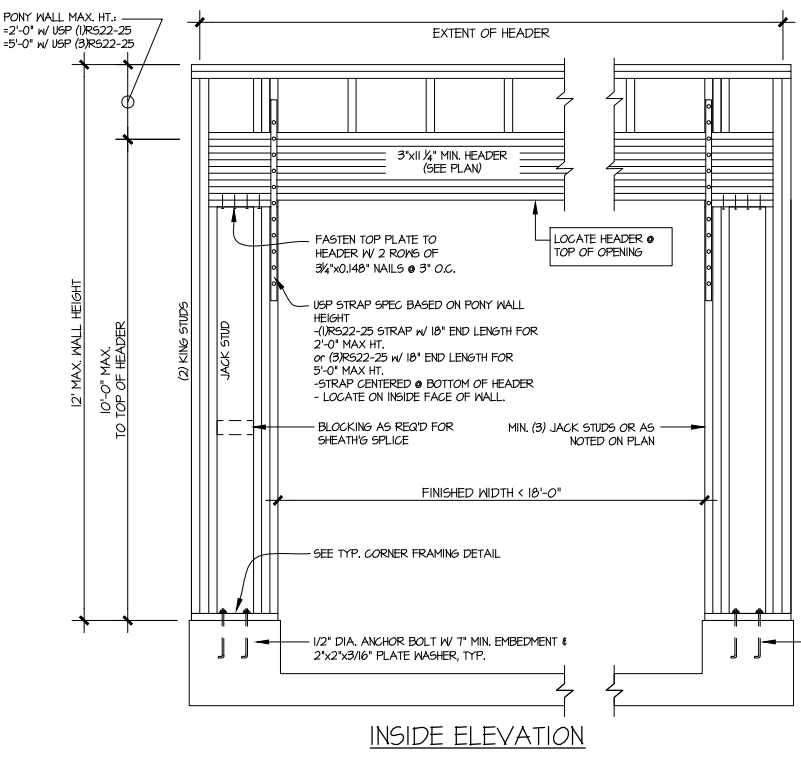


TYPICAL SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL
 SCALE: 3/4"=1'-0"



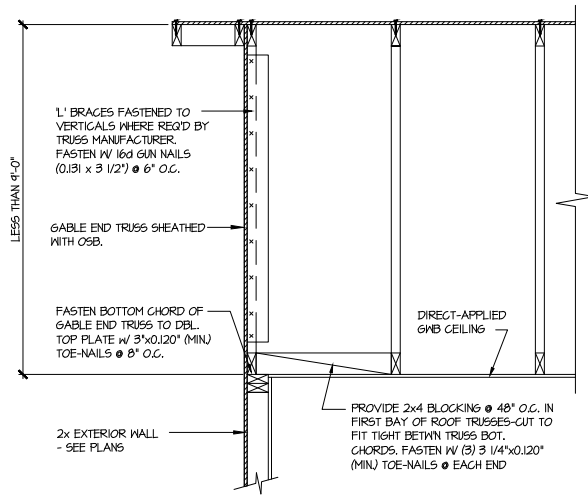
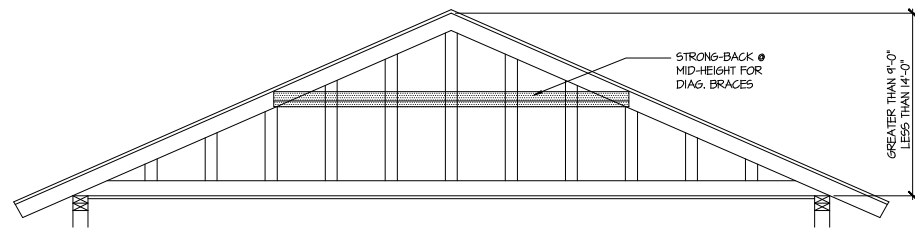
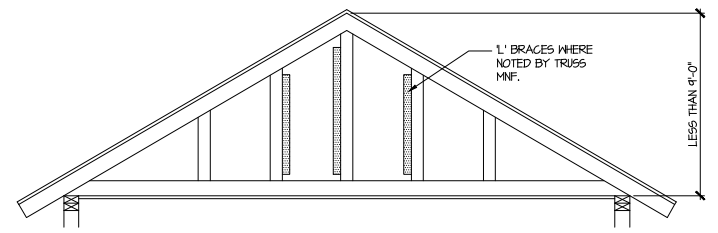
NOTE TO G.C.:
 FOR WALLS LESS THAN 18'-0", RUN BLOCKING & SHEATHING SHOWN CONT. FULL LENGTH OF SHEAR WALL. IF PENETRATIONS ARE REQ'D REMOVE SINGLE BAY ONLY AS NEEDED

TYPICAL SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL
 SCALE: 3/4"=1'-0"



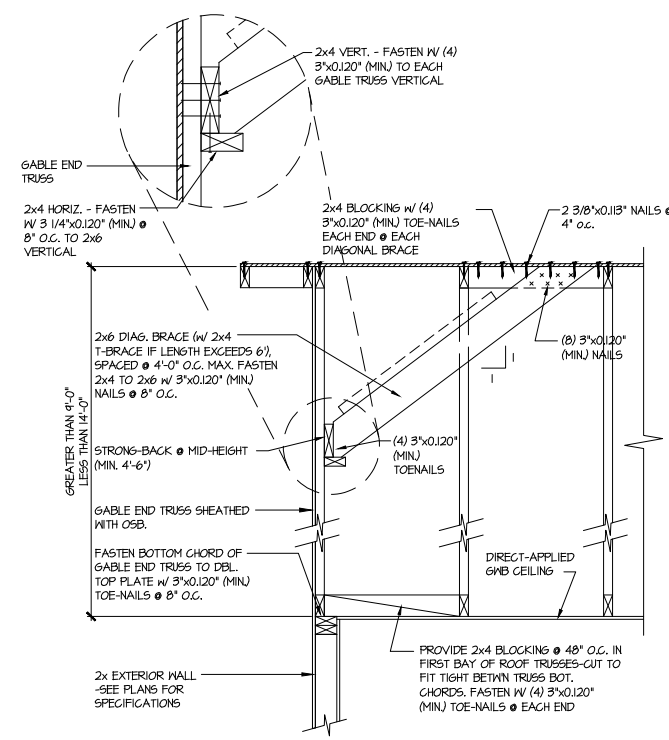
ALTERNATIVES TO 1/2" DIA. ANCHOR BOLT:
 (1) 1/2" DIA. TREADED ROD EPOXY SET W/ 4 1/2" EMBED. (MIN UTILIZING HLT1 HY200 EPOXY ANCHORING SYSTEM (OR EQUAL))

GARAGE PORTAL FRAME BRACING ELEVATION
 SCALE: N.T.S.
 BOTH SIDES OF GARAGE DOOR
 120 MPH WIND SPEED (ULT)



A TYPICAL GABLE END BRACING DETAIL
 SCALE: NONE
 REQ'D @ GABLE END TRUSS HEIGHT UP TO 9'-0"

BRACE GABLE END TRUSSES PER ABOVE DETAIL WHEN GABLE HEIGHT IS LESS THAN 9'-0". 1" BRACES REQUIRED WHERE NOTED BY TRUSS MANUFACTURER.



B TYPICAL GABLE END BRACING DETAIL
 SCALE: NONE
 REQ'D @ GABLE END TRUSS HEIGHT BETWEEN 9'-0" TO 14'-0"

BRACE GABLE END TRUSSES PER ABOVE DETAIL WHEN GABLE HEIGHT EXCEEDS 9'-0". 1" BRACES NOT REQUIRED.

LETTERED DETAILS ARE TYPICAL FOR THIS HOME & SHALL BE IMPLEMENTED IN ALL APPLICABLE AREAS. THESE DETAILS ARE NOT "CUT" ON THE PLANS.

NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.

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 12/14/2023 - CREATED MIRROR SET MMD

SMITH DOUGLAS
 HOMES

FRAMING DETAILS
 A VERY MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA

Tobacco
 Lot 155

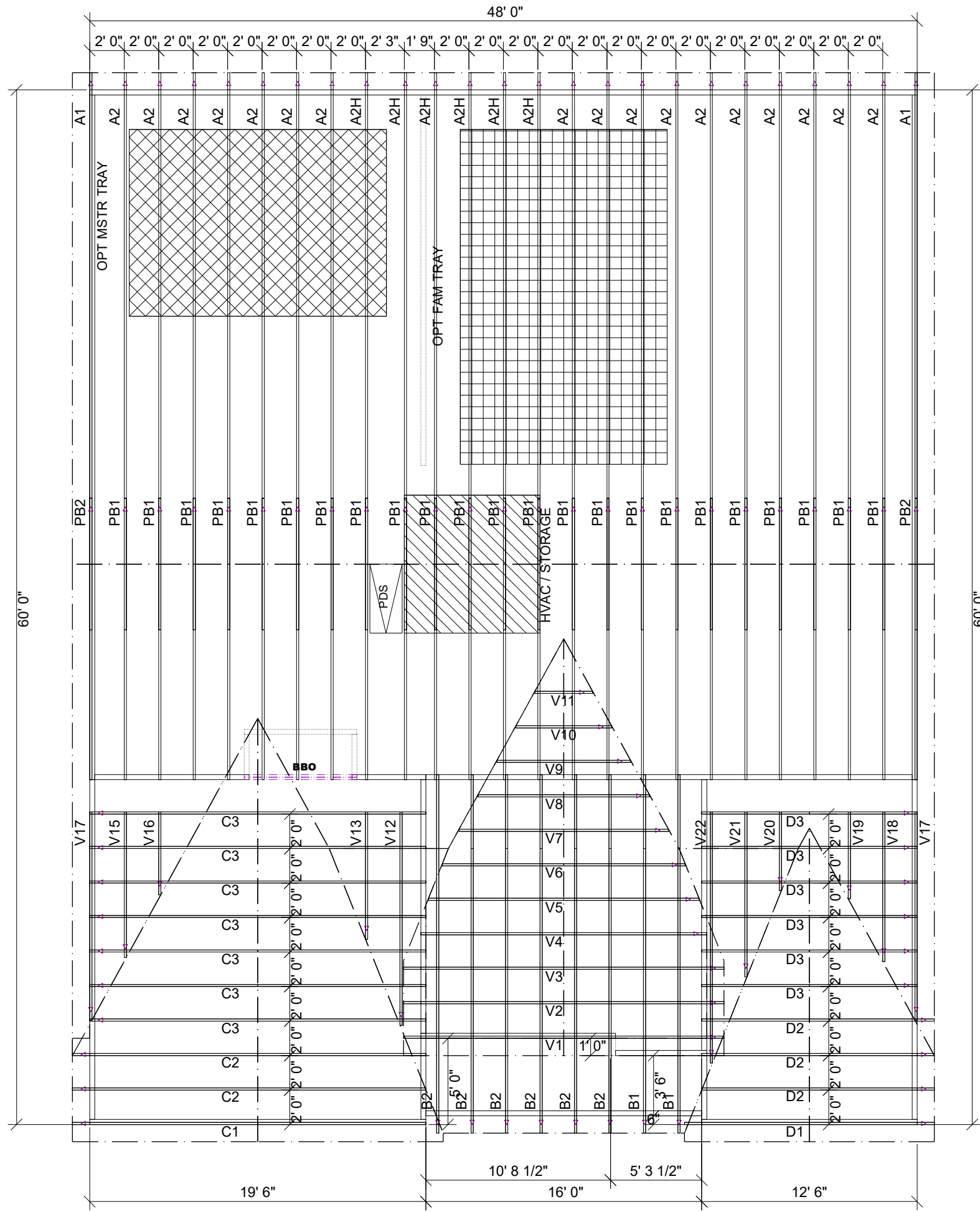
sheet:
SD2.1

TRUSS TO WALL CONNECTIONS, IF SHOWN, ARE FOR UPLIFT ONLY AND DO NOT CONSIDER LATERAL LOADS. ALL CONNECTORS ON THIS PROJECT ARE TO BE INSTALLED PER THE CONNECTOR MANUFACTURER'S SPECIFICATIONS. ALL CONNECTORS SHOWN THAT ARE NOT "TRUSS TO TRUSS" ARE SUGGESTIONS ONLY AND ARE TO BE VERIFIED BY THE BUILDING DESIGNER OR ENGINEER OF RECORD FOR SUITABILITY TO THIS PARTICULAR PROJECT. UFP MID-ATLANTIC, LLC. ACCEPTS NO RESPONSIBILITY FOR THE SPECIFIC APPLICATION OR SUITABILITY OF ANY CONNECTOR THAT IS NOT "TRUSS TO TRUSS" AS THEY APPLY TO THIS SPECIFIC STRUCTURE.

72405625 155 TOBACCO ROAD

AVERY BEHK

Hatch Legend	
HVAC / STORAGE	
OPT FAM TRAY	
OPT MSTR TRAY	

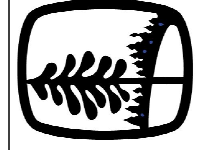


ROOF AREA: 3580.29 ft²_RIDGE LINE: 116.89 _ VALLEY LINES: 132.77 _ HIP LINES:0 _ Δ Indicates Left End of Truss

CUSTOMER
SMITH DOUGLAS
 Job Name
AVERY BEHK
 Date: 5/8/23
 Scale: NTS
 Revision Date: _____
 Revision Date2: _____

Drawn By: JZ
 Checked By: _____
 Quote Number
MASTER

NOTES: THIS DRAWING IS THE PROPERTY OF UFP MID-ATLANTIC, LLC. IT IS TO BE USED FOR ANY PROJECTS PERMANENTLY TO THE INTEREST OF UFP MID-ATLANTIC, LLC. THIS DRAWING MUST BE USED IN CONJUNCTION WITH ALL OTHER TECHNICAL DRAWINGS SUPPLIED BY UFP MID-ATLANTIC, LLC AND BRACING WOOD TRUSSES, COMMENTARY AND RECOMMENDATIONS AS PUBLISHED BY THE TRUSS MANUFACTURER. TRUSSES (TPI) IS LOCATED AT 683 D CONFRID DR, SUITE 200 MADISON, VA 15719 (603) 833-5600



UFP MID-ATLANTIC, LLC
 A UNIVERSAL FOREST PRODUCTS COMPANY
 BURLINGTON, NC PHONE (800) 476-9356
 CHESAPEAKE, VA PHONE (800) 476-3190
 CONWAY, SC PHONE (800) 397-9572
 JEFFERSON GA PHONE (800) 648-4038
 PEARISBURG, VA PHONE (800) 397-9571

1. TEMPORARY BRACING TO BE INSTALLED W/T.P.I. STANDARD BC51-B1.
 2. SEE ENGINEERED DRAWING FOR PERMANENT BRACING MINIMUM REQUIREMENTS.
 3. FRAMER TO VERIFY ALL DIMENSIONS, DROP, & RISE LOCATIONS PRIOR TO TRUSS PLACEMENT.
 4. BLDG/FRAMER RESPONSIBLE FOR ADJUSTMENT OF TRUSS SPACING TO MISS PLUMBING DROPS, UNLESS NOTED OTHERWISE.
 This layout is not an engineered drawing. This drawing was created to establish truss placement only. It is the responsibility of the builder to provide adequate support for all the elements shown in this drawing.