Mr. & Mrs. Jess Andersen Residence

999 South 2200 West Logan, Utah 84321

DWA CONSTRUCTION INC.

General Contractor

76 West 2400 North
North Logan, Utah 84341
435-760-4756
shanew@dwaconstruct.com

MAS MANSFIELD ARCHITECTURAL SERVICES

Architect

445 East 275 North
Hyde Park, Utah 84318
(435)512-6249
steven.mansfield@usu.edu

ALLIANCE CONSULTING ENGINEERS
150 EAST 200 NORTH SUITE P
LOGAN, UTAH 84321
(435) 755-5121

Structural Engineer

150 East 200 North Suite P
Logan, Utah 84321
(435)755-5121
alliancelogan@yahoo.com

General Notes

NOTES TO BUILDER

1. DIMENSIONS TAKEN FROM NEW STRUCTURE AND GRID LINE
2. ANY DISCREPANCY IN PLANS TO BE VERIFIED WITH ARCHITECT
3. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT
4. PROVIDE BACKING BEHIND ALL SURFACE MOUNTED EQUIPMENT AND/OR FIXTURES
5. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION

Abbreviations

ABBREVIATIONS

ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
ACC STA	ACCESSIBLE STATION	MECH	MECHANICAL
AC	ACOUSTIC, ACOUSTICAL	MTL	METAL
ADJ	ADJUSTABLE	MIN	MINIMUM
ALT	ALTERNATE	MISC	MISCELLANEOUS
ALUM	ALUMINUM	MT	MOUNT
AB	ANCHOR BOLT	(N)	NEW
L	ANGLE	NIC	NOT IN CONTRACT
ASPH	ASPHALT	NTS	NOT TO SCALE
BSMT	BASEMENT	O/C	ON CENTER
BRG	BEARING	OPNG	OPENING
BM	BENCH MARK	OPP	OPPOSITE
BLKG	BLOCKING	OD	OUTSIDE DIAMETER
BD	BOARD	OH	OVERHEAD
B.O.	BOTTOM OF	OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
BLDG	BUILDING	OF/OI	OWNER FURNISHED/ OWNER INSTALLED
B.U.R.	BUILT UP ROOF	PARTN	PARTITION
CLG	CEILING	P-LAM	PLASTIC LAMINATE
CL	CENTER LINE	PL	PLATE
CT	CERAMIC TILE	PLYWD	PLYWOOD
CB	CHALK BOARD	PREFAB	PREFABRICATED
C	CHANNEL	PROJ	PROJECTION
CO	CLEAN OUT	QT	QUARRY TILE
COL	COLUMN	RAD	RADIUS
CONC	CONCRETE	REF	REFRIGERATOR
CONN	CONNECTION	REINF	REINFORCED
CONT	CONTINUOUS	REV	REVISION
CONTR	CONTRACTOR	?	ROUND
DIM	DIMENSION	SCHED	SCHEDULE
DWG	DRAWING	SIM	SIMILAR
EA	EACH	SHT	SHEET
ELECT	ELECTRICAL	SPEC	SPECIFICATION
EWC	ELECTRIC WATER COOLER	SQ	SQUARE
ELEV	ELEVATION	SS	STAINLESS STEEL
EQ	EQUAL	STD	STANDARD
EQUIP	EQUIPMENT	STL	STEEL
EXIST	EXISTING	STOR	STORAGE
(E)	EXISTING	STRUCT	STRUCTURAL
EXP	EXPANSION	SUSP	SUSPENDED, SUSPENSION
EXT	EXTERIOR	SYS	SYSTEM
FIN	FINISH	TB	TACKBOARD
FEC	FIRE EXTINGUISHER CABINET	TEL	TELEPHONE
FLR	FLOOR	TV	TELEVISION
FD	FLOOR DRAIN	TEMP	TEMPORARY
GALV	GALVANIZED	TS	TUBE STEEL
GI	GALVANIZED IRON	THRES	THRESHOLD
GA	GAUGE	TOIL	TOILET
GYP BD	GYPSUM BOARD	T.O.	TOP OF
HDWD	HARD WOOD	T & B	TOP AND BOTTOM
HT.	HEIGHT	TYP	TYPICAL
HM	HOLLOW METAL	VERT	VERTICAL
HORIZ	HORIZONTAL	U.N.O.	UNLESS NOTED OTHERWISE
ID	INSIDE DIAMETER	WC	WATER CLOSET
INSUL	INSULATION	WM	WATER METER
INT	INTERIOR	WWF	WELDED WIRE FABRIC
JT	JOINT	W	WIDE FLANGE
MFR	MANUFACTURER	WDO	WINDOW
MB	MARKER BOARD	W/	WITH
MAX	MAXIMUM	W/O	WITHOUT
		WO	WOOD

Material Legend

SYMBOL	DESCRIPTION
	EARTH
	COMPACTED GRANULAR FILL
	FINISHED WOOD
	EXISTING STRUCTURE TO REMAIN
	GYPSUM BOARD
	CONCRETE
	PLYWOOD/OSB
	SHINGLES
	WOOD STUD WALL
	RIDGED INSULATION
	BATT INSULATION
	BRICK/MASONRY
	CONCRETE MASONRY UNIT (CMU)
	PARTICLE BOARD
	CONTINUOUS WOOD
	STEEL

Symbol Legend

SYMBOL	DESCRIPTION
A1 A201	BUILDING SECTION
A1 A201	SECTION CUT
A1 A201	DETAIL BUBBLE
A1/A201	
A1 A201	
1	REVISIONS
SECOND FLOOR 1'10" - 0"	ELEVATION
201	DOOR NUMBER
10	WINDOW TYPES
1	WALL TYPE
ROOM NAME 201	ROOM TAGS
12 6	SLOPE
1	GRID BUBBLE
1 NOTES	KEY NOTES

Sheet Index

Structural Sheet Index	
Sheet Number	Sheet Name
S1.0	Footing & Foundation Plan
S2.0	Roof Framing Plan
S2.1	Roof Framing Details
S3.1	Structural Details & Specifications

Architectural Sheet Index	
Sheet Number	Sheet Name
G100	Cover Sheet
G101	Area Plan
A100	Site Plan
A200	Floor Plan
A201	Footing & Foundation Plan
A202	Roof Plan
A300	Elevations
A301	Elevations
A302	Building Sections
A303	Building Sections
A304	Building Sections
A305	Building Sections
A306	Building Sections
A400	Wall Sections
A401	Wall Sections
A402	Wall Sections
A403	Wall Sections
A404	Wall Sections
A405	Wall Sections
A406	Wall Sections
A500	Window Schedule
A901	3d Views
A902	3D Framing
A903	3d Framing
A904	3D
E/M 100	Main Floor Electrical and Mechanical Plan

4/5/2025 6:31:14 AM

MAS MANSFIELD ARCHITECTURAL SERVICES
STEVEN R. MANSFIELD ARCHITECT
435-512-6249 LICENSE NO. 134922
445 EAST 275 NORTH | HYDE PARK, UTAH 84318

Jess Andersen House
PROJECT DISCRIPTION

Jess Andersen
OWNERS NAME

999 South 2200 West Logan, Utah 84321
PROJECT ADDRESS

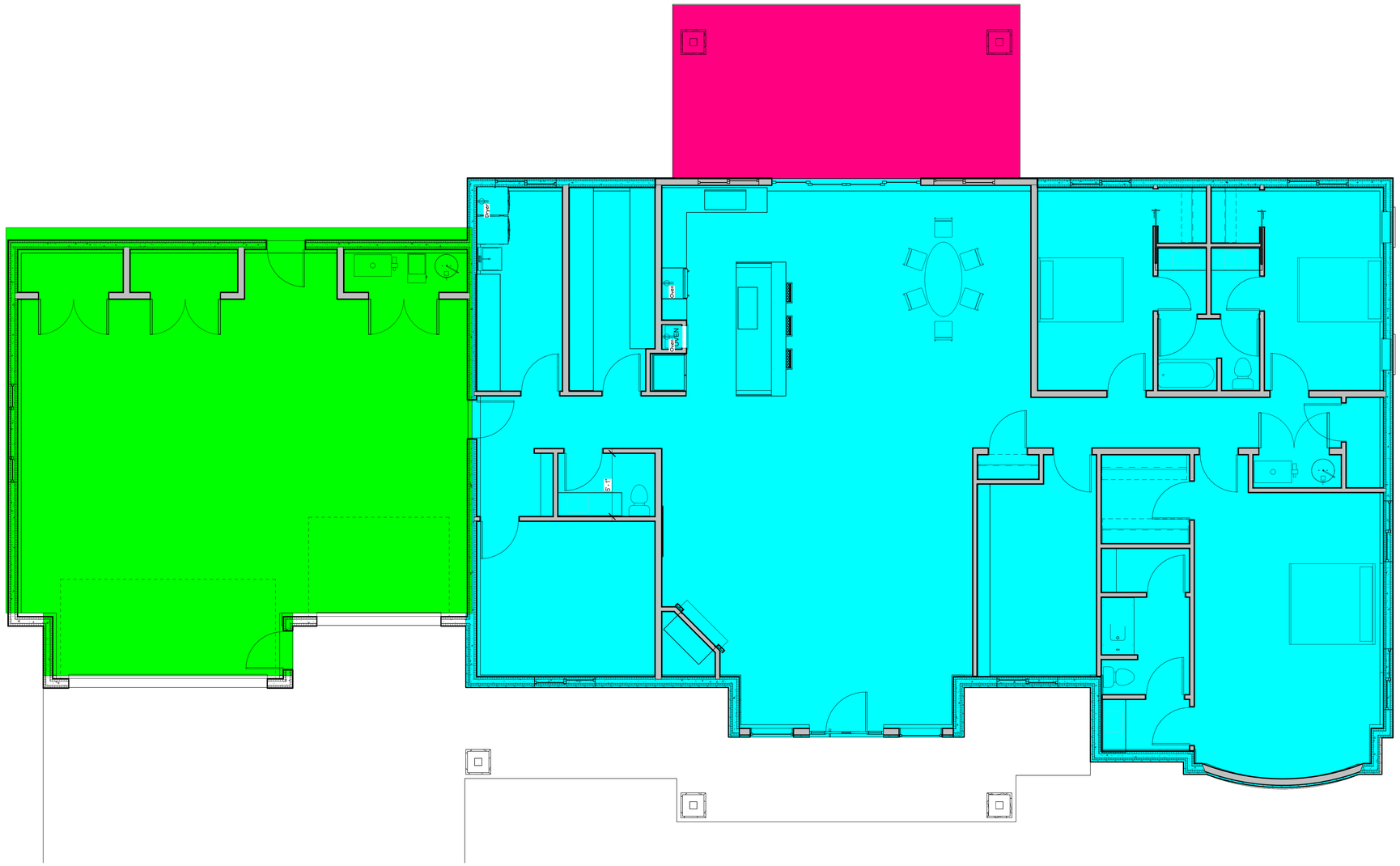
MARK:	DATE:	DESCRIPTION:
1	Date 1	Revision 1

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

Cover Sheet

G100



Living Space = 3,290 Sq. Ft.

Garage = 1,269 Sq. Ft.

Deck = 730 Sq. Ft.

Total Finish Square Footage =4,559 Sq. Footage

1 **First Floor Area Plan**
G101 1/4" = 1'-0"

4/5/2025 6:31:17 AM

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 EMAIL: srm@msas.work
4484 SHAY DR NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

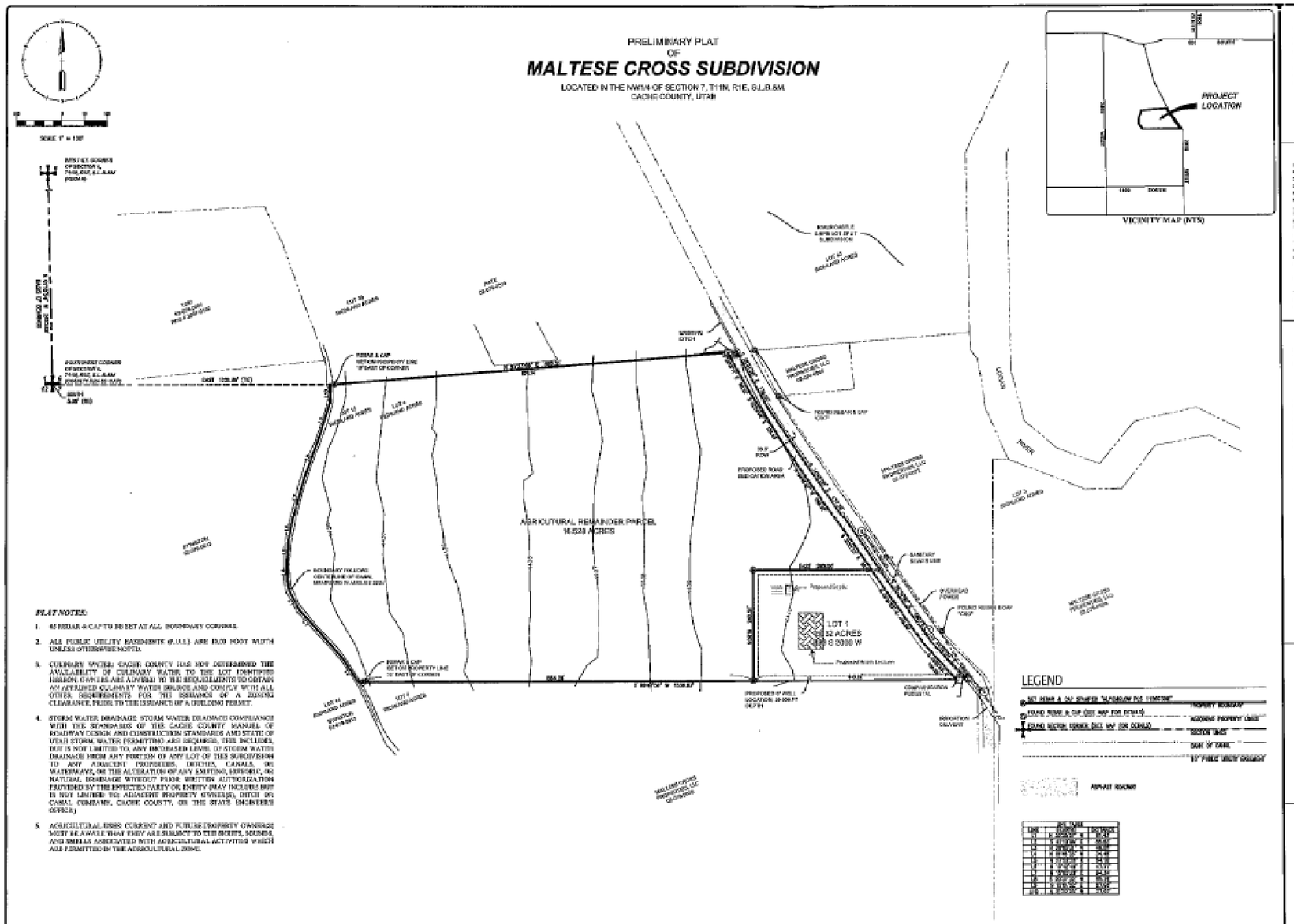
STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

Area Plan

G101

PRELIMINARY PLAT
OF
MALTESE CROSS SUBDIVISION
LOCATED IN THE NW¼N OF SECTION 7, T11N, R1E, S.L.B.&M.
CACHE COUNTY, UTAH

SCALE: 1" = 100'



PLAT NOTES:

1. 45 REBAR & CAP TO BE SET AT ALL BOUNDARY CORNERS.
2. ALL PUBLIC UTILITY EASEMENTS (P.U.E.) ARE 10.00 FOOT WIDTH UNLESS OTHERWISE NOTED.
3. CULINARY WATER: CACHE COUNTY HAS NOT DETERMINED THE AVAILABILITY OF CULINARY WATER TO THE LOT IDENTIFIED HEREON. OWNERS ARE ADVISED TO THE REQUIREMENTS TO OBTAIN AN APPROVED CULINARY WATER SOURCE AND COMPLY WITH ALL OTHER REQUIREMENTS FOR THE ISSUANCE OF A ZONING CLEARANCE, PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
4. STORM WATER DRAINAGE: STORM WATER DRAINAGE COMPLIANCE WITH THE STANDARDS OF THE CACHE COUNTY MANUEL OF ROADWAY DESIGN AND CONSTRUCTION STANDARDS AND STATE OF UTAH STORM WATER PERMITTING ARE REQUIRED. THIS INCLUDES, BUT IS NOT LIMITED TO, ANY INCREASED LEVEL OF STORM WATER DRAINAGE FROM ANY PORTION OF ANY LOT OF THE SUBDIVISION TO ANY ADJACENT PROPERTIES, DITCHES, CANALS, OR WATERWAYS, OR THE ALTERATION OF ANY EXISTING, HISTORIC, OR NATURAL DRAINAGE WITHOUT PRIOR WRITTEN AUTHORIZATION OBTAINED BY THE EFFECTED PARTY OR ENTITY (MAY INCLUDE BUT IS NOT LIMITED TO: ADJACENT PROPERTY OWNER(S), DITCH OR CANAL COMPANY, CACHE COUNTY, OR THE STATE ENGINEER'S OFFICE.)
5. AGRICULTURAL USES: CURRENT AND FUTURE PROPERTY OWNERS MUST BE AWARE THAT THEY ARE SUBJECT TO THE ODORS, SOUNDS, AND SMELLS ASSOCIATED WITH AGRICULTURAL ACTIVITIES WHICH ARE PERMITTED IN THE AGRICULTURAL ZONE.

SURVEYOR'S CERTIFICATE

I, KEVIN M. BALLS, DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, AND THAT I HOLD LICENSE NO. 11317868-2201 IN ACCORDANCE WITH TITLE 58, CHAPTER 22 OF UTAH STATE CODE. I FURTHER CERTIFY BY AUTHORITY OF THE OWNER(S) THAT I HAVE COMPLETED A SURVEY OF THE PROPERTY DESCRIBED ON THIS PLAT IN ACCORDANCE WITH SECTION 17-23-17 OF SAID CODE, AND HAVE ALSO SUBDIVIDED SAID TRACT OF LAND INTO LOTS, BLOCKS, STREETS, AND EASEMENTS, AND THE SAME HAS, OR WILL BE CORRECTLY SURVEYED, STAKED AND MONUMENTED ON THE GROUND AS SHOWN ON THIS PLAT.

KEVIN M. BALLS
PROFESSIONAL LAND SURVEYOR
LICENSE NO. 11317868-2201

BOUNDARY DESCRIPTION

BEGINNING AT A POINT BEING IN THE CENTER OF AN EXISTING CANAL AND THE CENTERLINE OF THE CROSSROADS, INC. BAR ROAD, SAID POINT BEING SOUTH 1.00 FEET AND EAST 1320.66 FEET FROM THE SOUTHWEST CORNER OF SECTION 6, TOWNSHIP 11 NORTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN, BASIS OF BEARINGS BEING HAVING A BEARING BETWEEN THE SOUTHWEST AND WEST QUARTER CORNERS OF SAID SECTION 6, AND RUNNING THENCE NORTH 1.00 FEET ALONG THE CENTERLINE OF SAID RAILROAD TO THE WESTERN RIGHT-OF-WAY OF 2000 WEST STREET; THENCE ALONG THE WESTERN RIGHT-OF-WAY LINE THE FOLLOWING FOUR (4) COURSES: (1) THENCE S89°14'24"E 50.00 FEET, (2) THENCE S0°00'00"E 415.34 FEET, (3) THENCE S89°04'36"E 50.00 FEET, (4) THENCE S0°00'00"E 1,143.02 FEET TO THE CORNER INCLUDE AN EXISTING CANAL; THENCE ALONG THE CENTER OF CANAL THE FOLLOWING TWELVE (12) COURSES: (1) THENCE N73°05'16"W 41.42 FEET; (2) THENCE N60°30'00"W 53.00 FEET; (3) THENCE N45°00'00"W 31.00 FEET; (4) THENCE N35°00'00"W 49.00 FEET; (5) THENCE N60°00'00"W 21.00 FEET; (6) THENCE N45°00'00"W 30.00 FEET; (7) THENCE N30°00'00"W 31.00 FEET; (8) THENCE N45°00'00"W 30.00 FEET; (9) THENCE N30°00'00"W 31.00 FEET; (10) THENCE N45°00'00"W 30.00 FEET; (11) THENCE N30°00'00"W 41.00 FEET; (12) THENCE N60°00'00"W 19.1 FEET TO THE POINT OF BEGINNING.

PARCEL CONTAINS 16.528 ACRES MORE OR LESS.

THE BASIS OF BEARINGS FOR THIS SURVEY IS N0°14'47"W ALONG THE SECTION LINE BETWEEN THE SOUTHWEST CORNER AND THE WEST 1/4 CORNER OF SECTION 6, TOWNSHIP 11 NORTH, RANGE 1 EAST, SALT LAKE BASE & MERIDIAN.

OWNER'S DEDICATION

KNOW ALL MEN BY THESE PRESENTS THAT WE, THE UNDERSIGNED ARE THE OWNERS OF THE ABOVE DESCRIBED TRACT OF LAND, AND HEREBY CAUSE THE SAME TO BE DIVIDED INTO LOTS, TOGETHER WITH EASEMENTS AS SET FORTH TO BE HEREAFTER KNOWN AS:

MALTESE CROSS SUBDIVISION

AND DO HEREBY DEDICATE, GRANT AND CONVEY TO PORTAGE TOWN, BOX ELDER COUNTY, UTAH, ALL THOSE PARTS OR PORTIONS OF SAID TRACT OF LAND DESIGNATED AS EASEMENTS FOR PUBLIC UTILITY PURPOSES AS SHOWN HEREON. THE UNDERSIGNED OWNERS ALSO HEREBY CONVEY TO ANY AND ALL PUBLIC UTILITY COMPANIES A PERPETUAL, NON-EXCLUSIVE EASEMENT OVER THE PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT, THE SAME TO BE USED FOR THE INSTALLATION, MAINTENANCE AND OPERATION OF UTILITY LINES AND FACILITIES. THE UNDERSIGNED OWNERS ALSO HEREBY CONVEY ANY OTHER EASEMENTS AS SHOWN ON THE PLAT TO THE PARTIES INDICATED AND FOR THE PURPOSES SHOWN HEREON.

IN WITNESS WHEREOF WE HAVE HEREUNTO SET OUR HANDS THIS ____ DAY OF _____, 2024.

MALTESE CROSS PROPERTIES, LLC

BY: _____ (NOTARY PUBLIC)

ITS: _____

ACKNOWLEDGEMENT

STATE OF UTAH
COUNTY OF BOX ELDER

ON THIS ____ DAY OF _____, 2024, PERSONALLY APPEARED BEFORE ME, _____, WHOSE IDENTITIES ARE PERSONALLY KNOWN TO ME OR PROVEN ON THE BASIS OF SATISFACTORY EVIDENCE AND WHO BY ME DULY SWORN/AFFIRMED DID SAY THAT THEY ARE THE PERSONS WHOSE NAMES ARE SUBSCRIBED TO THIS INSTRUMENT, AND ACKNOWLEDGE THAT THEY EXECUTED THE SAME.

_____
NOTARY PUBLIC (SIGNATURE)

PRELIMINARY PLAT
OF
MALTESE CROSS SUBDIVISION
LOCATED IN THE NW¼N OF SECTION 7, T11N, R1E, S.L.B.&M.
CACHE COUNTY, UTAH

CACHE COUNTY RECORDER

ENTRY NO. _____
STATE OF UTAH, COUNTY OF CACHE, RECORDED AND FILED AT THE REQUEST OF:
_____

DATE: _____ TIME: _____ BOOK: _____ PAGE: _____ FEE: _____

_____
COUNTY RECORDER

ALPENGLOW ENGINEERS & SURVEYORS, LLC

PROJECT #:	24-123
DRAWN BY:	KMB
SCALE:	1" = 100'
DATE:	09-26-2024
SHEET 1 OF 1	

BEAR RIVER HEALTH DEPT. APPROVAL

WASTE DISPOSAL SYSTEM & CULINARY WATER SUPPLY HAS BEEN APPROVED THIS _____ DAY OF _____, 20__.

BY: _____
BEAR RIVER SANITARIAN

CACHE COUNTY PLANNING COMMISSION

APPROVED THIS _____ DAY OF _____, 20__ BY THE CACHE COUNTY PLANNING COMMISSION.

BY: _____
CHAIRMAN

CACHE COUNTY ATTORNEY APPROVAL

I CERTIFY THAT I HAVE EXAMINED THE PLAT AND APPROVE THE PLAT AS TO FORM AS REQUIRED BY STATE LAW AND COUNTY ORDINANCE.

BY: _____ DATE: _____
CACHE COUNTY ATTORNEY

DEPUTY COUNTY SURVEYOR'S APPROVAL

I CERTIFY THAT I HAVE EXAMINED THE PLAT AND APPROVE THE PLAT AS TO FORM AS REQUIRED BY STATE LAW AND COUNTY ORDINANCE.

BY: _____ DATE: _____
CACHE COUNTY ATTORNEY

4/5/2025 6:28:04 AM

MAS
MARTIN ARCHITECTURAL STUDIES
ARCHITECT
STEVEN R. MANSFIELD
435-512-6240
PARK@MASARCH.COM
4640 SAINT LEO'S NORTH, HYDE PARK, UTAH 84318

Jess Andersen House
PROJECT DISCRIPTION
OWNERS NAME: Jess Andersen
PROJECT ADDRESS: 999 South 2200 West Logan, Utah 84321

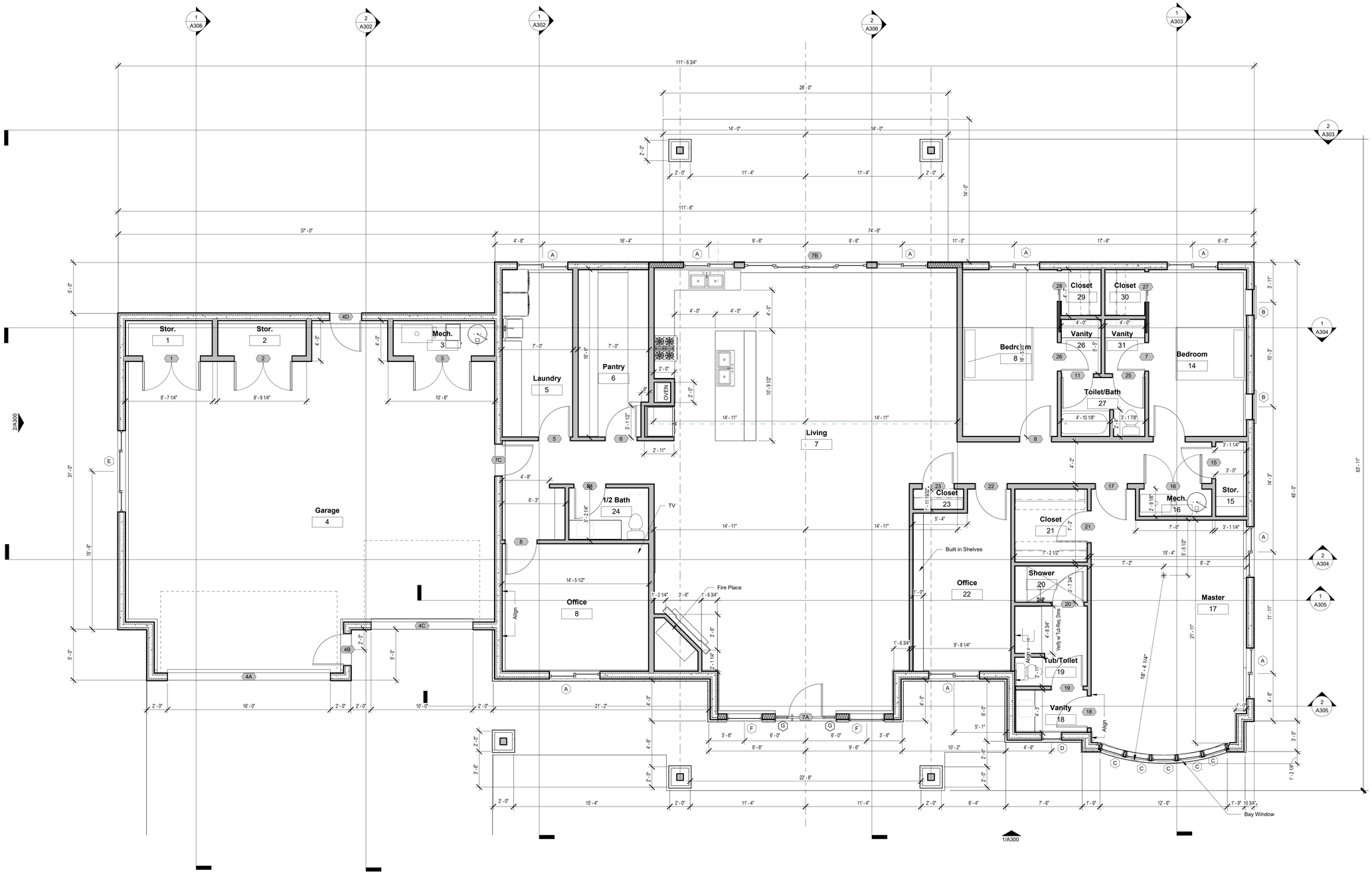
MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED: Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

Site Plan

A100



1 **First Floor**
A200 1/4" = 1'-0"

MAS
MARTIN ASSOCIATES ARCHITECTS
STEVEN R. MANSFIELD ARCHITECT
435-752-0620 PARK CITY, UTAH
4964 EAST 2300 NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

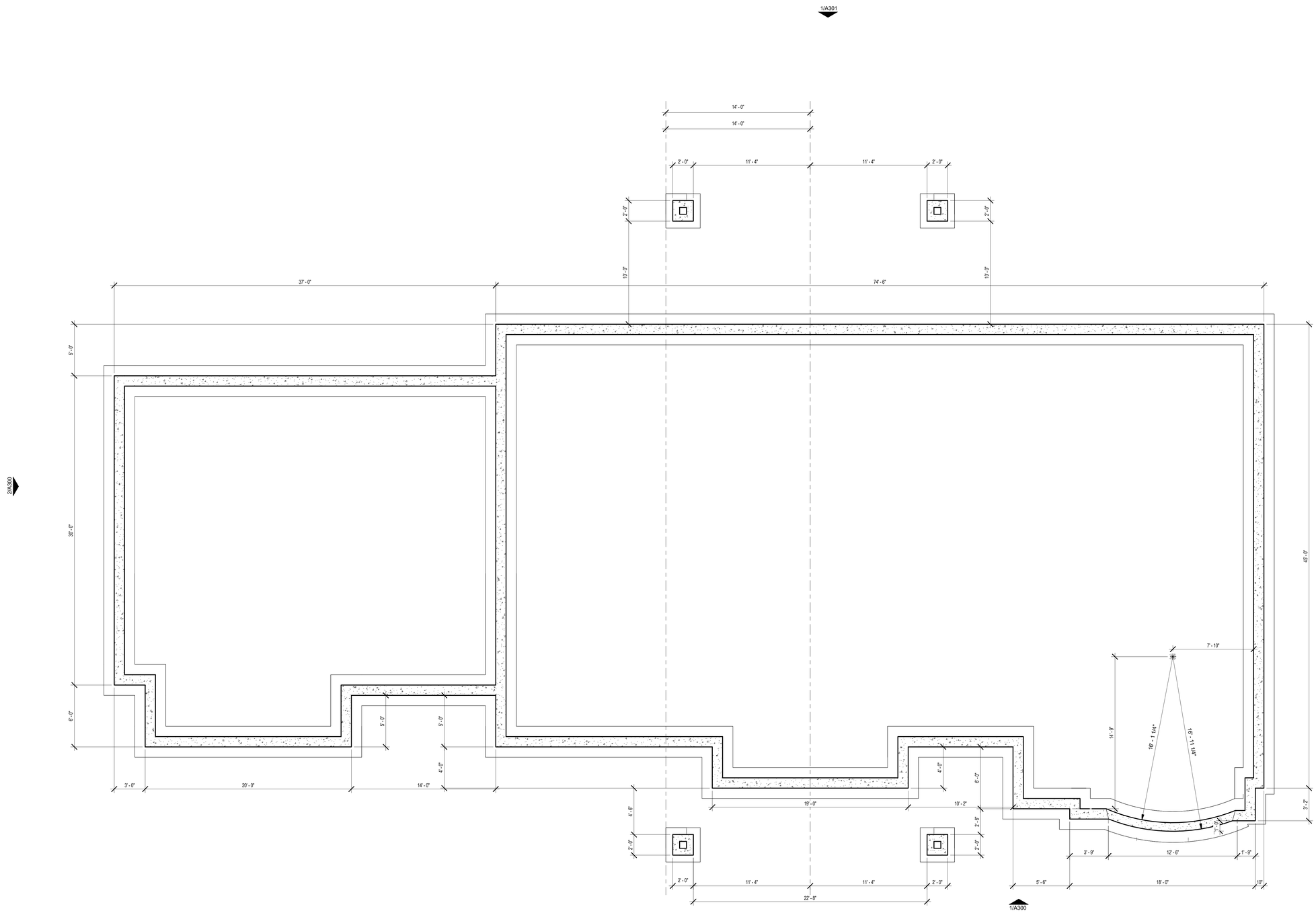
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

Floor Plan

A200

4/5/2025 6:28:17 AM



1 **Footing & Foundation Plan**
A201 1/4" = 1'-0"

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD — ARCHITECT
435-512-6240 — srm@mansfieldarch.com
4484 S 4475 W NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

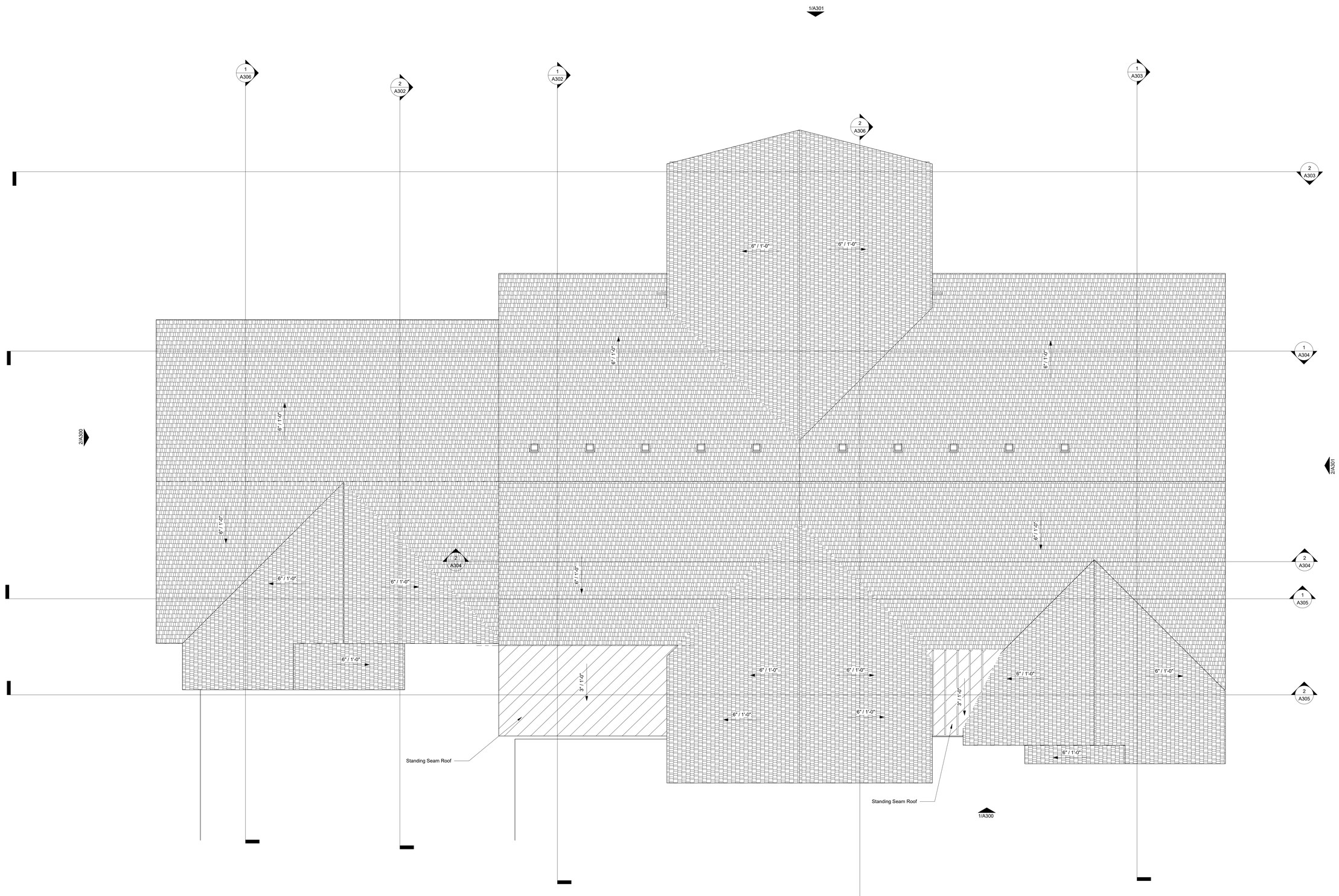
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH — STEVEN R. MANSFIELD — 134922 — 4/4/2025 — LICENSED ARCHITECT

Footing & Foundation Plan

A201

4/5/2025 6:28:21 AM



1 A202 **Roof Plan**
1/4" = 1'-0"

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PHONE
435-512-6241 FAX
4984 SHAY CREEK DRIVE
NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

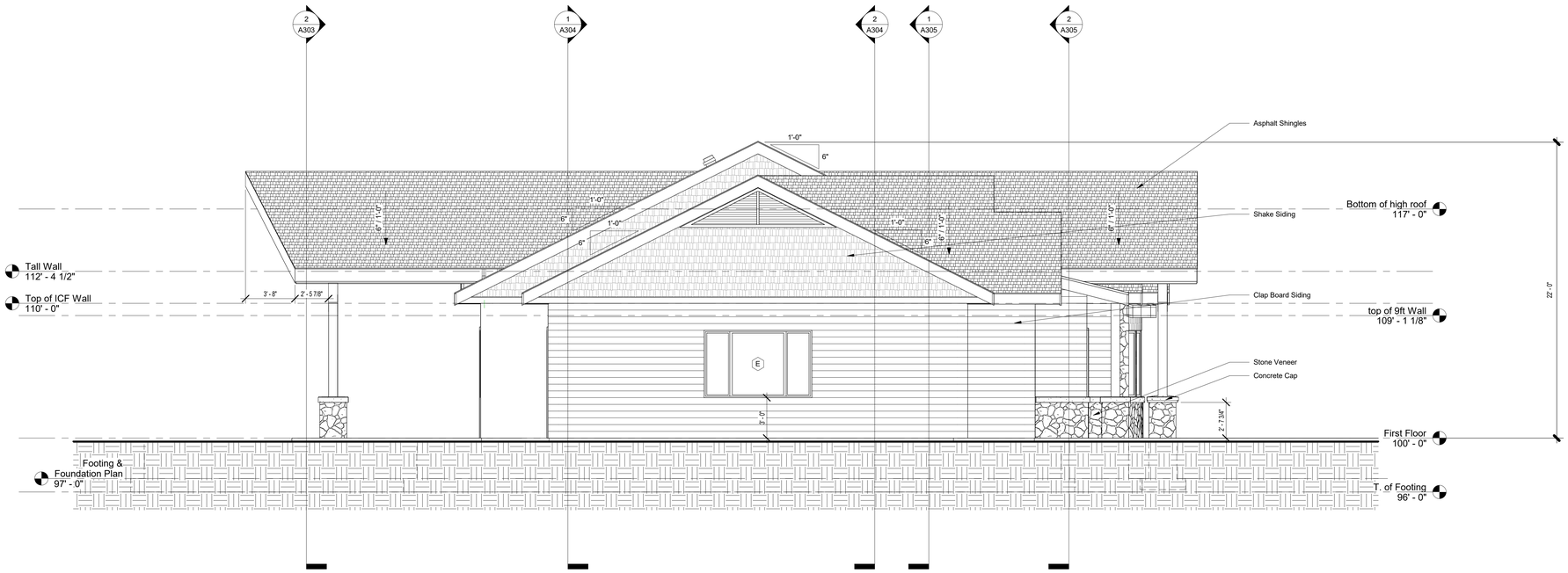
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED: Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
Steven R. Mansfield
134922
4/4/2025
LICENSED ARCHITECT

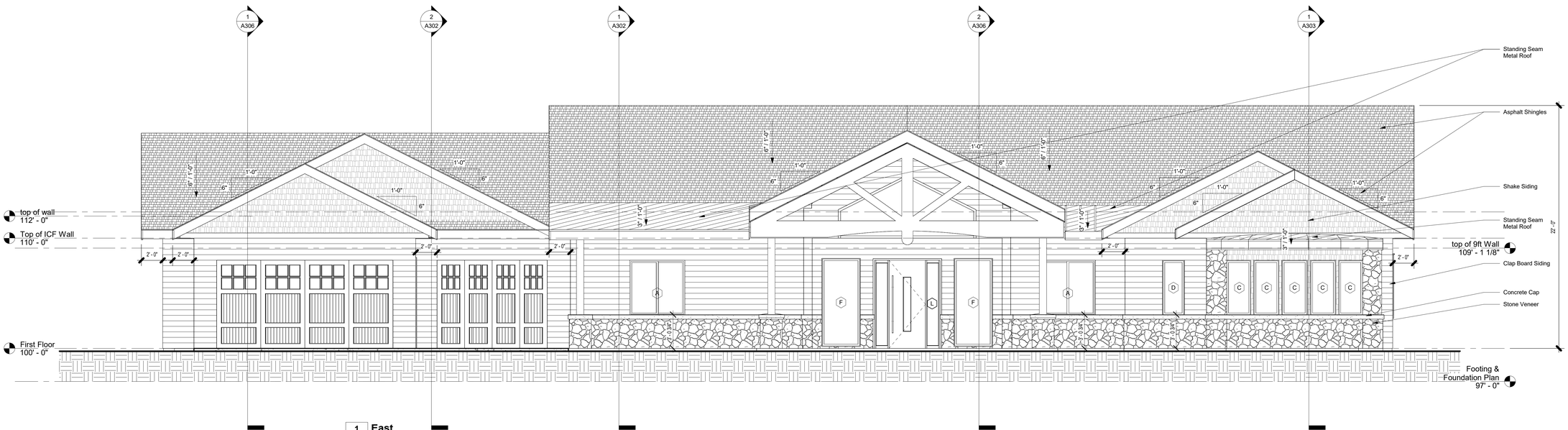
Roof Plan

A202

4/5/2025 6:28:33 AM



2 South
A300 1/4" = 1'-0"



1 East
A300 1/4" = 1'-0"

4/5/2025 6:28:57 AM

MAS
MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4484 BAR FLY WAY NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

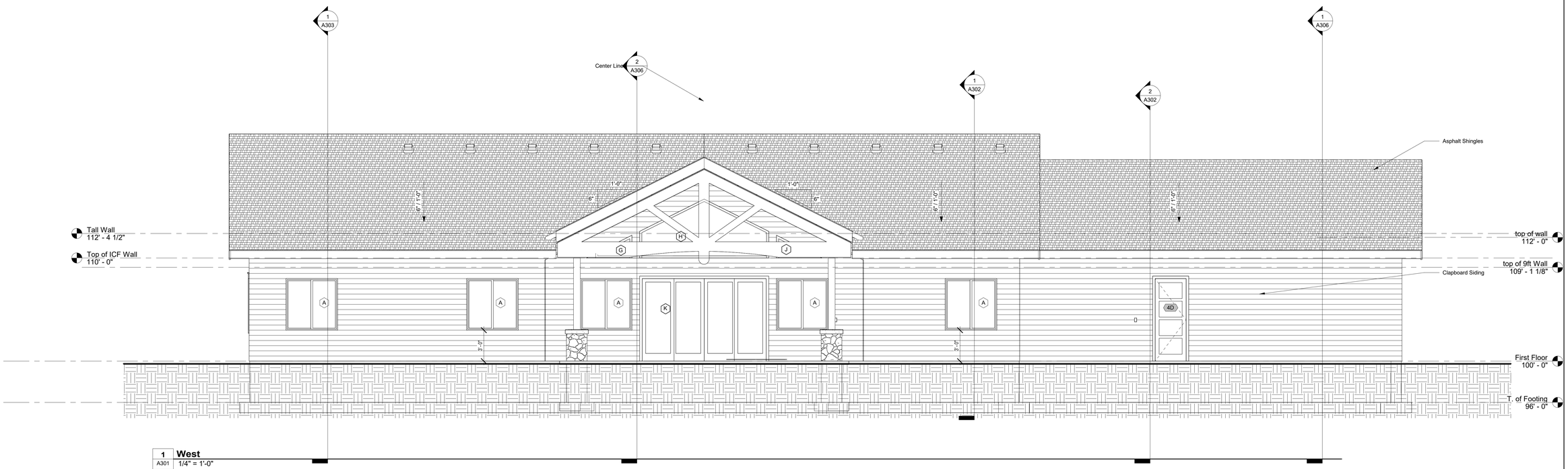
MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

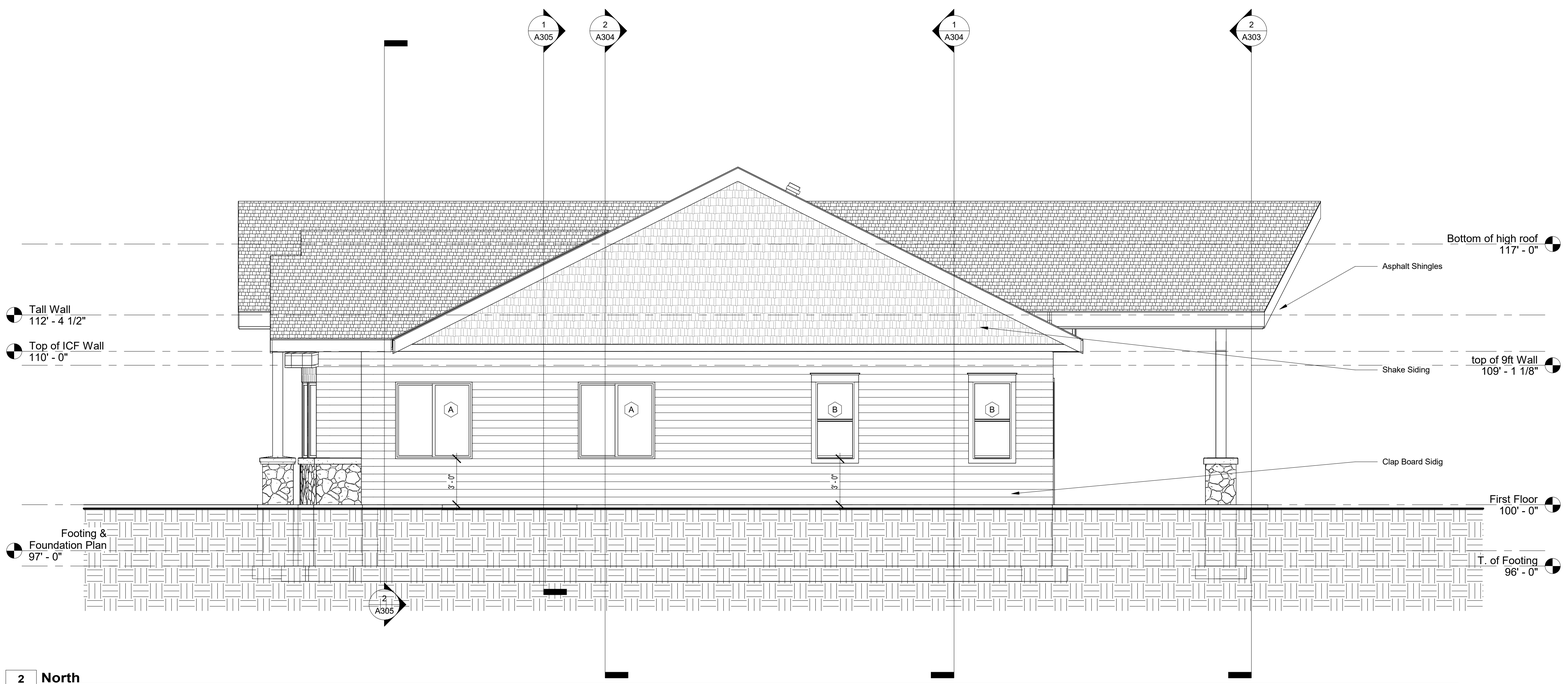
STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

Elevations

A300



1 **West**
A301 1/4" = 1'-0"



2 **North**
A301 1/4" = 1'-0"

MAS
MARTIN ARCHITECTURAL STUDIOS
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 EMAIL: SRM@MASARCH.COM
4484 SHIP POINT NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

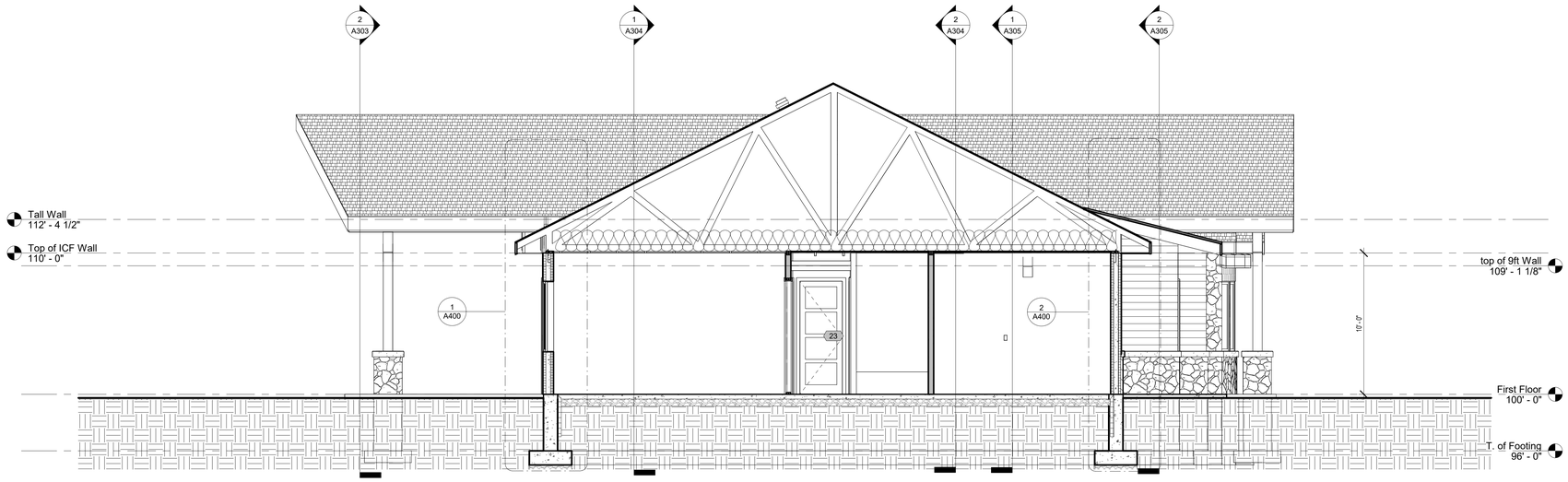
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
Steven R. Mansfield
134922
4/4/2025
LICENSED ARCHITECT

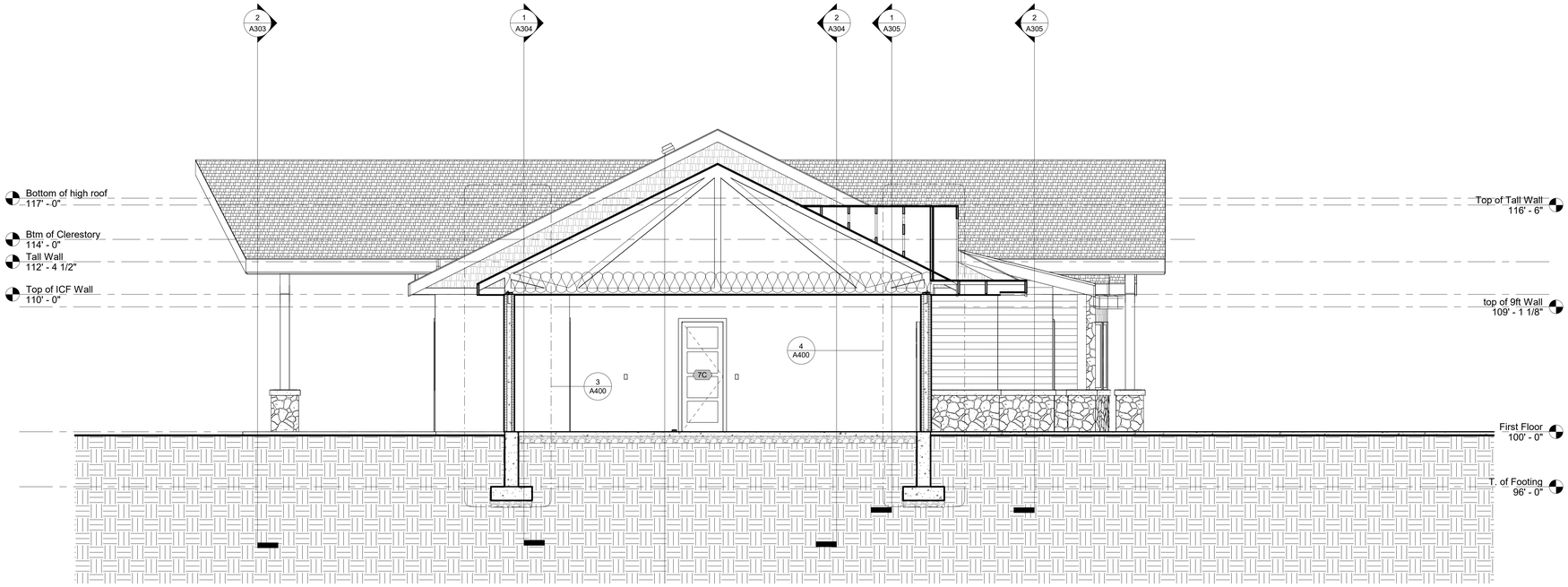
Elevations

A301

4/5/2025 6:29:06 AM



1 A302 **Building Section A**
1/4" = 1'-0"



2 A302 **Building Section B**
1/4" = 1'-0"

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4484 BAR FLY LN NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

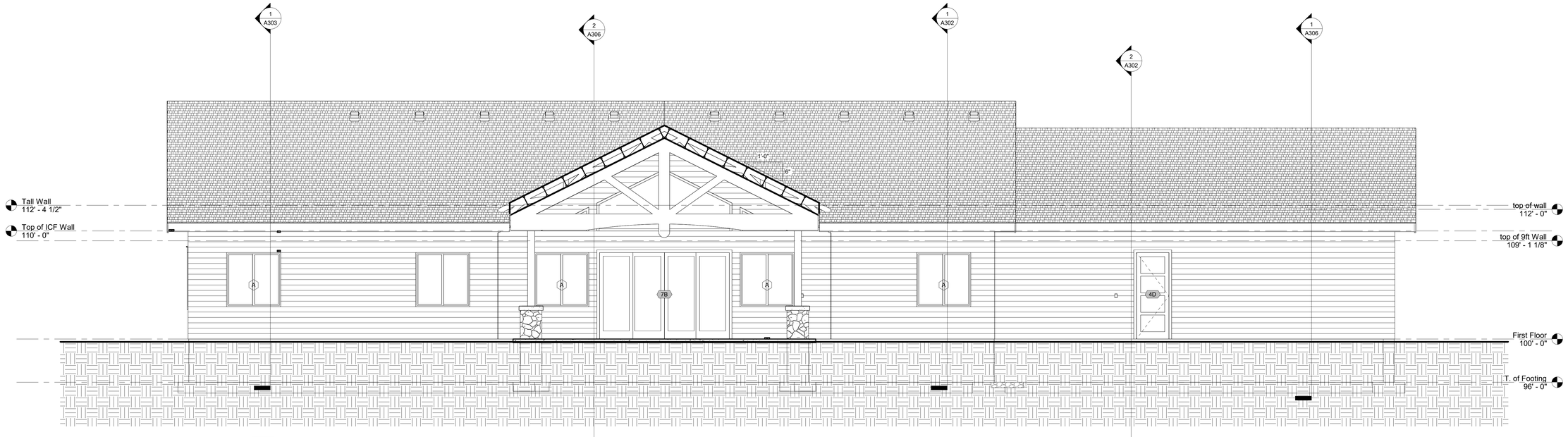
STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

Building Sections

A302

4/5/2025 6:29:11 AM

1 A303 **Building Section C**
1/4" = 1'-0"



2 A303 **Building Section D**
1/4" = 1'-0"

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4484 BAR D PLACE NORTH, HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DESCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

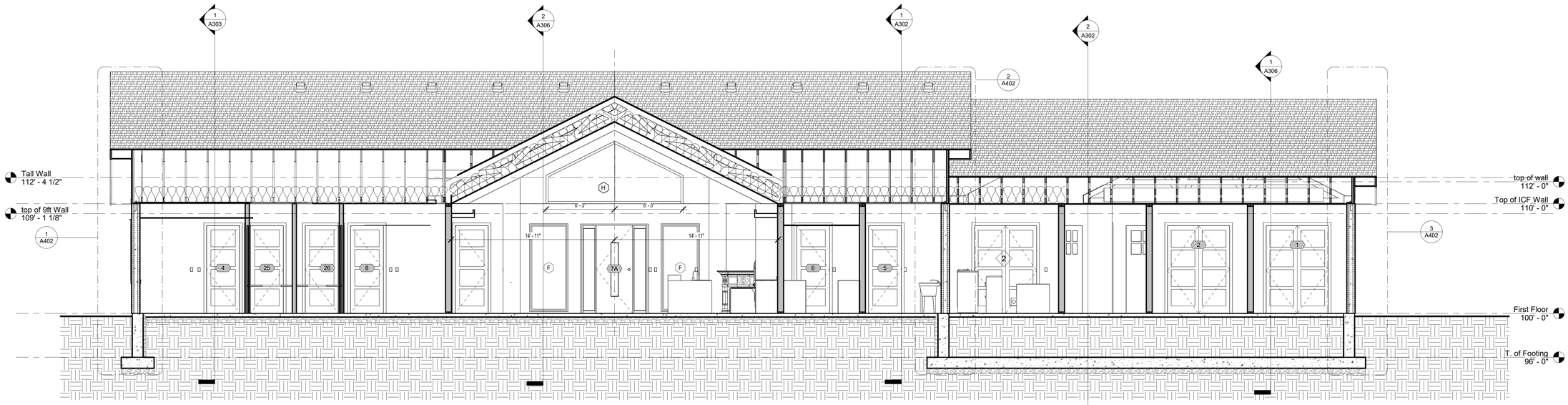
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

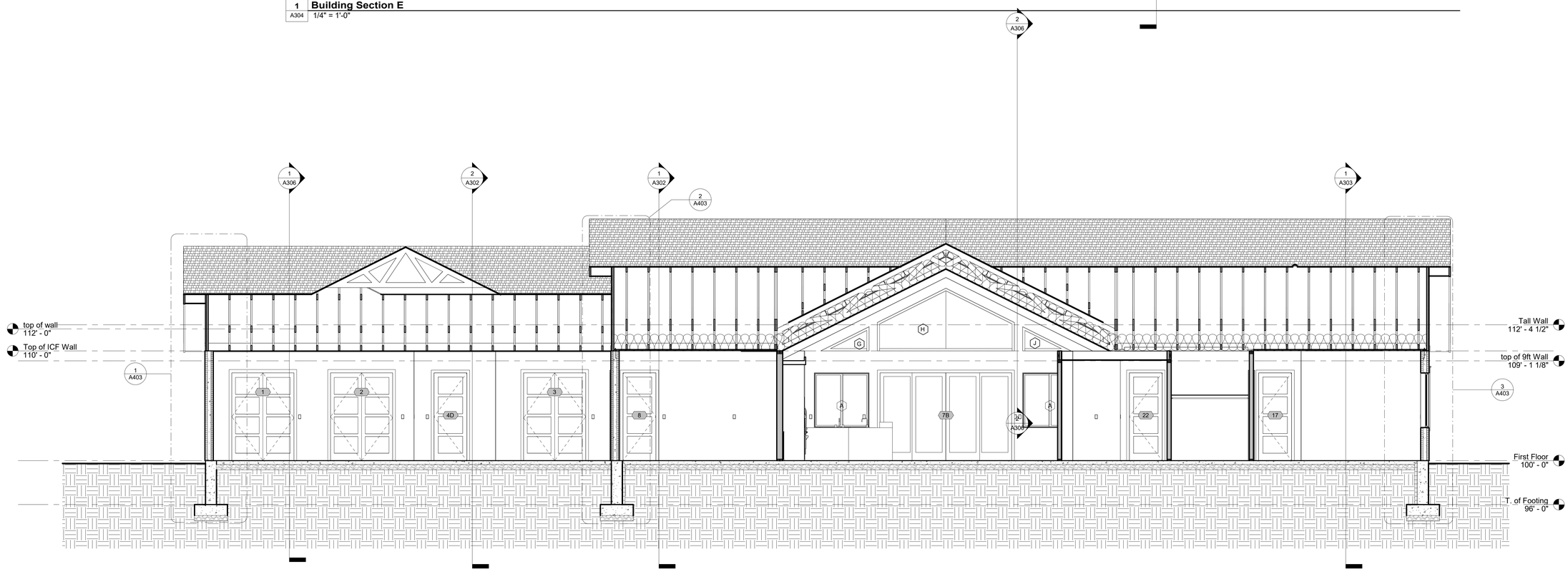
Building Sections

A303

4/5/2025 6:29:17 AM



1 A304 **Building Section E**
1/4" = 1'-0"



2 A304 **Building Section F**
1/4" = 1'-0"

MAS
MARTIN ASSOCIATES, STUDIOS
ARCHITECT
STEVEN R. MANSFIELD
435-512-6240
PARKER@MASARCH.COM
4484 SHIP POINT NORTH, HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

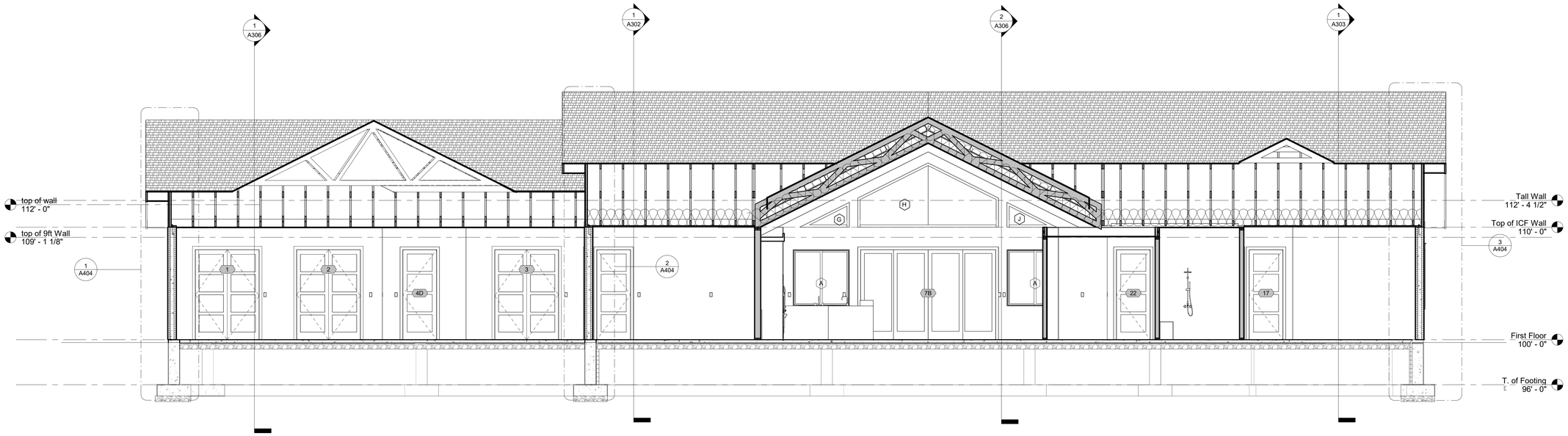
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

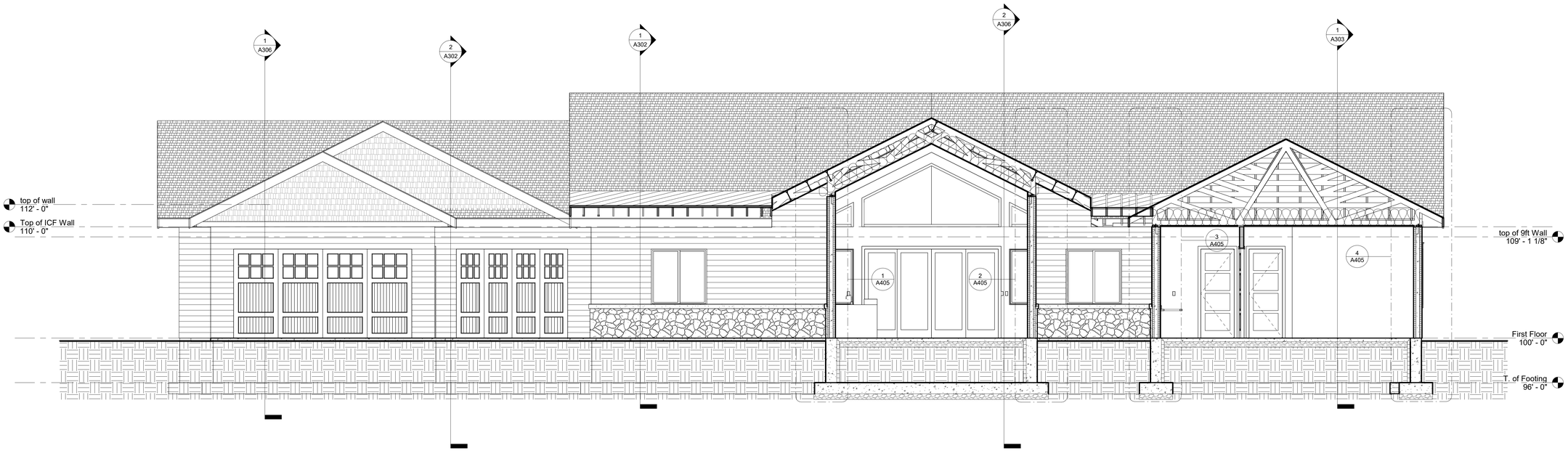
Building Sections

A304

4/5/2025 6:29:27 AM



1 A305 **Building Section G**
1/4" = 1'-0"



2 A305 **Building Section H**
1/4" = 1'-0"

STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4484 BAR FLY LN NORTH, HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

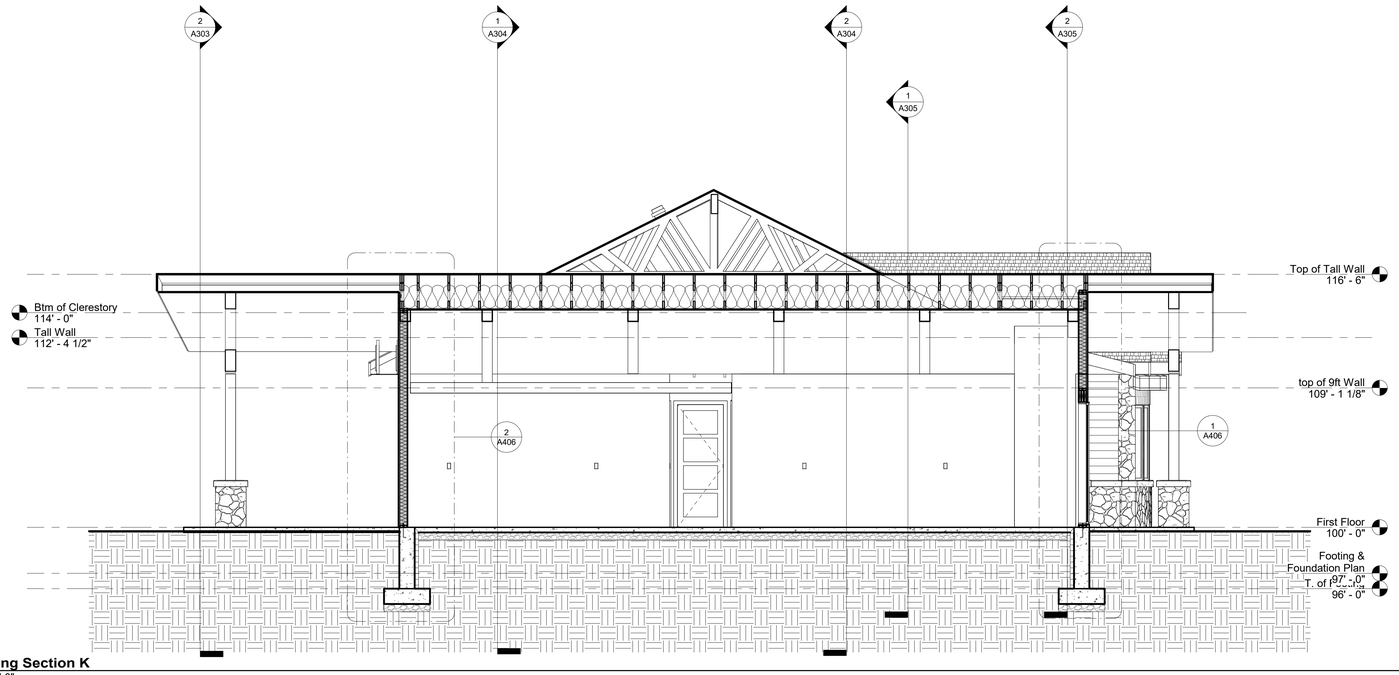
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

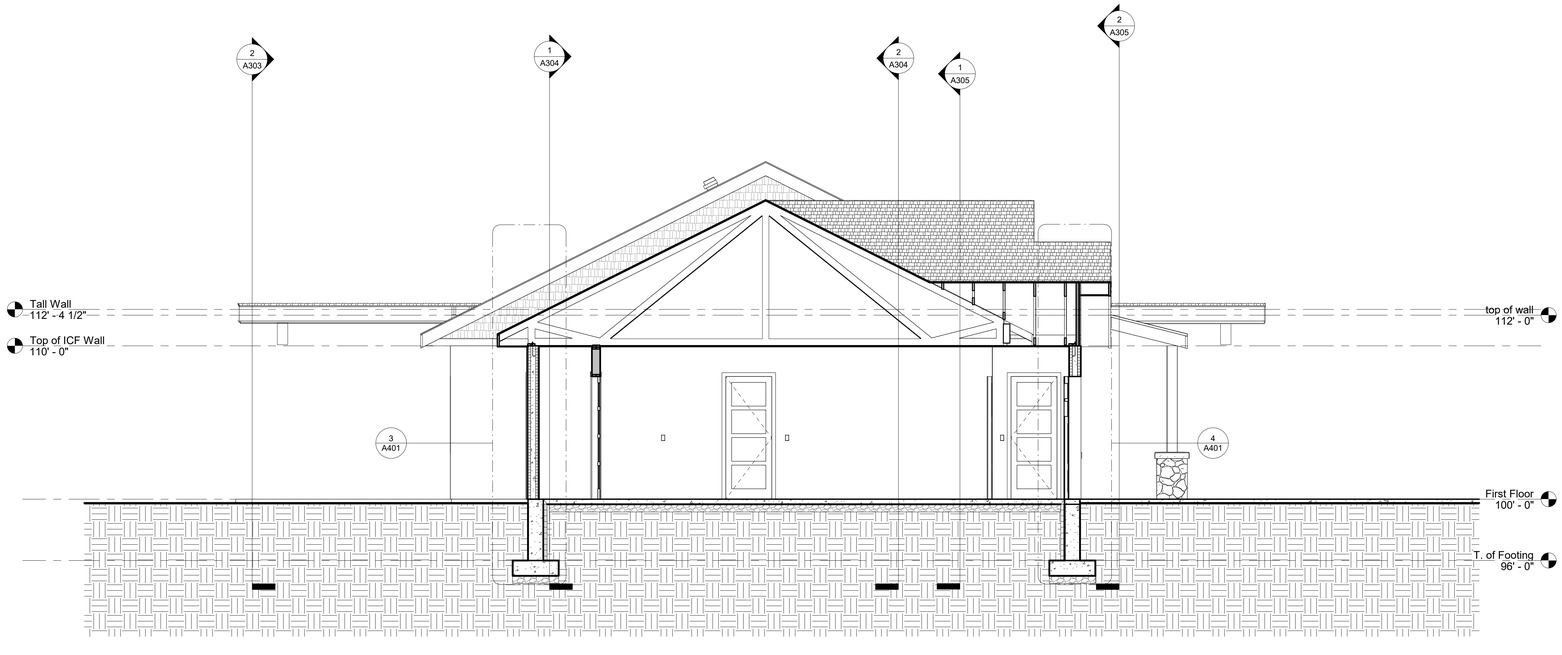
Building Sections

A305

4/5/2025 6:29:35 AM



2 A306 **Building Section K**
1/4" = 1'-0"



1 A306 **Building Section J**
1/4" = 1'-0"

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PHONE: 435-512-6240
4484 SAINT JOHN NORTH, HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

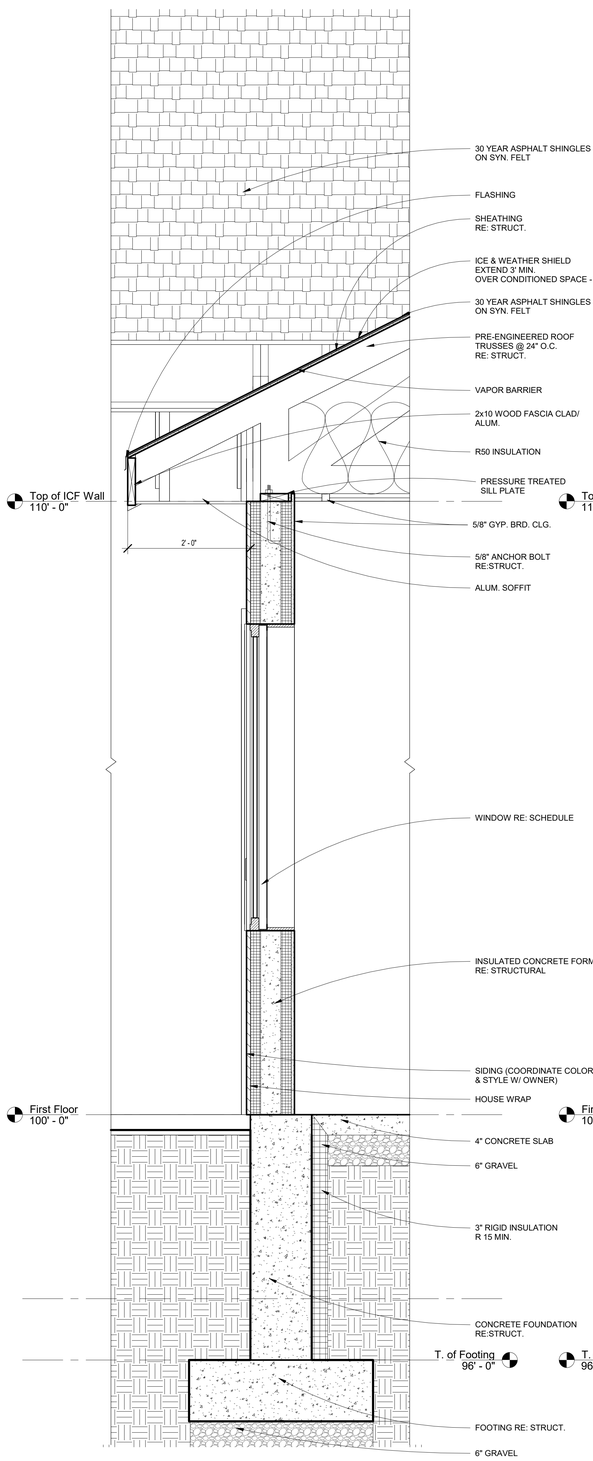
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

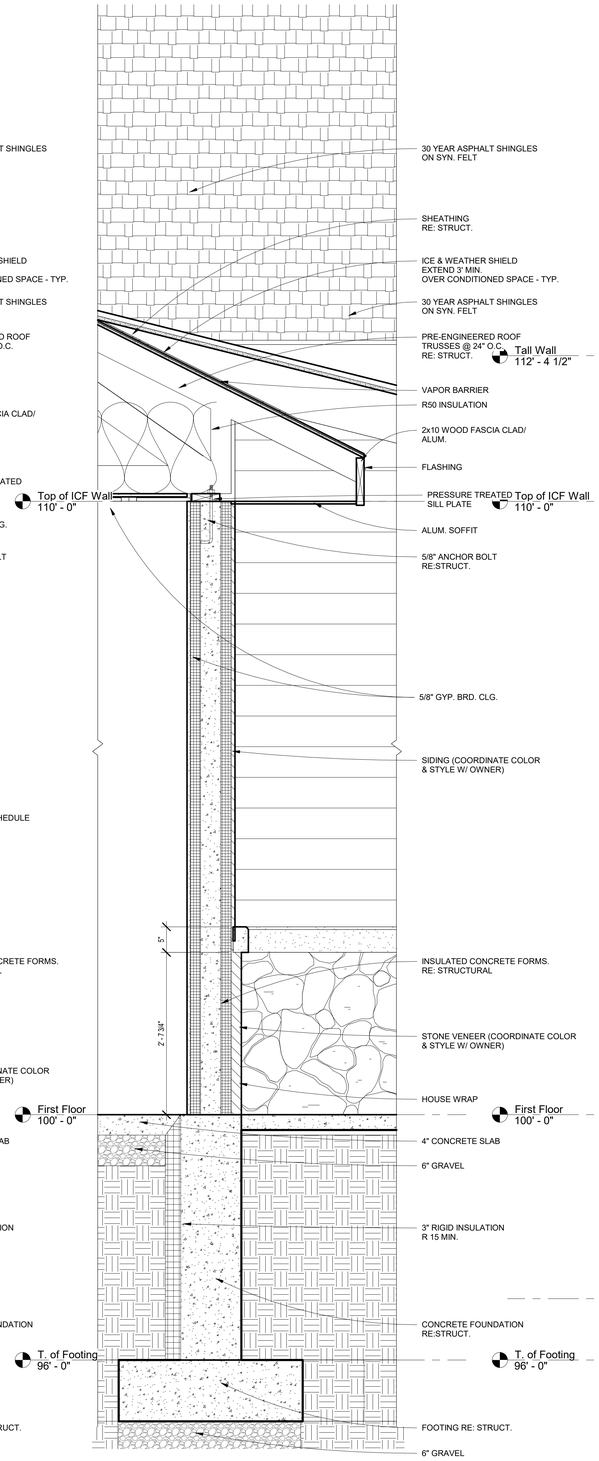
Building Sections

A306

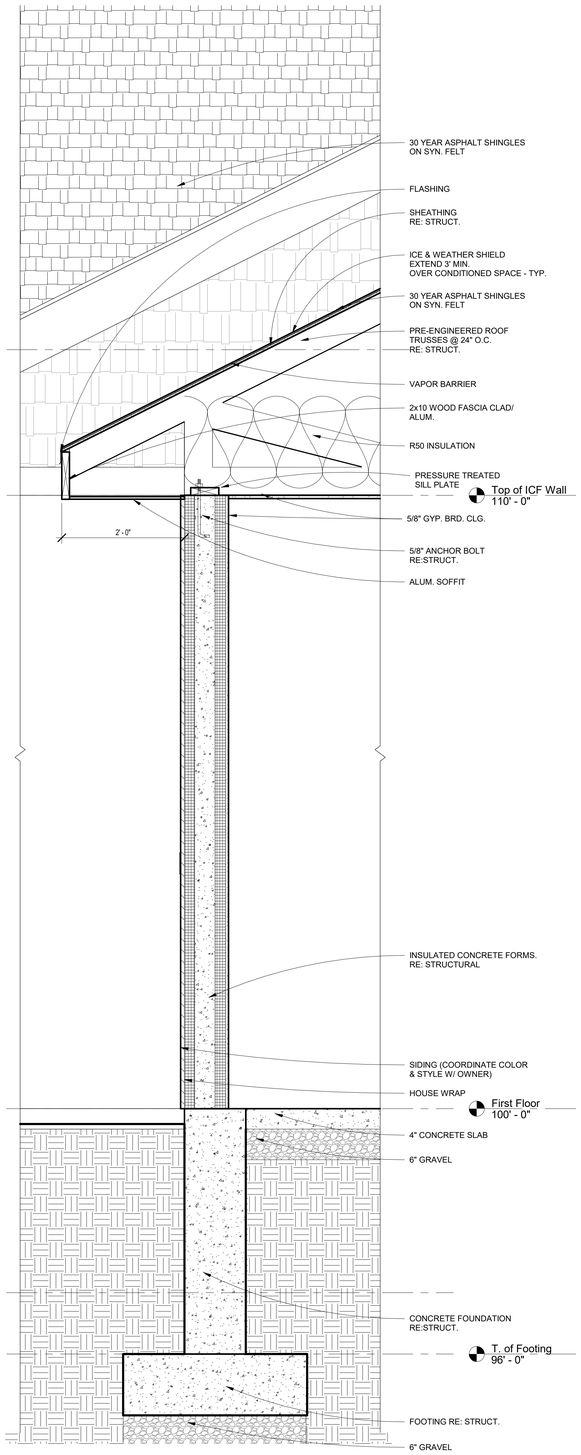
4/5/2025 6:29:39 AM



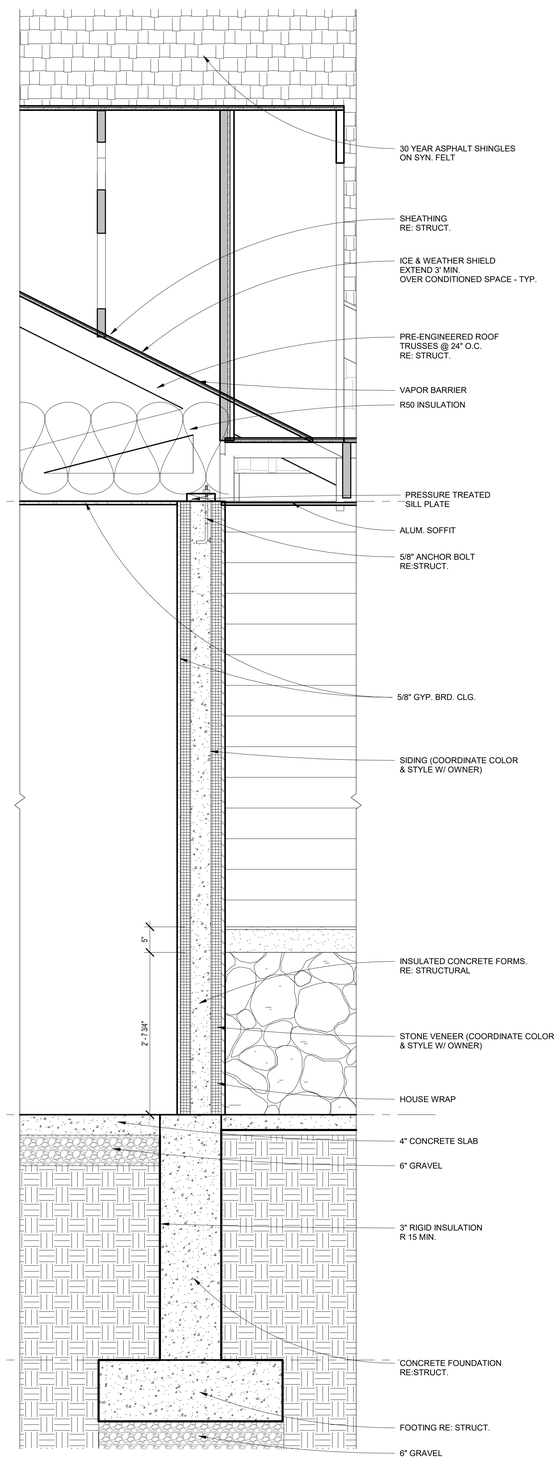
1 A400 **Building Section A - Callout 1**
1" = 1'-0"



2 A400 **Building Section A - Callout 2**
1" = 1'-0"



3 A400 **Building Section B - Callout 1**
1" = 1'-0"



4 A400 **Building Section B - Callout 2**
1" = 1'-0"

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4484 BAR FLY LN NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

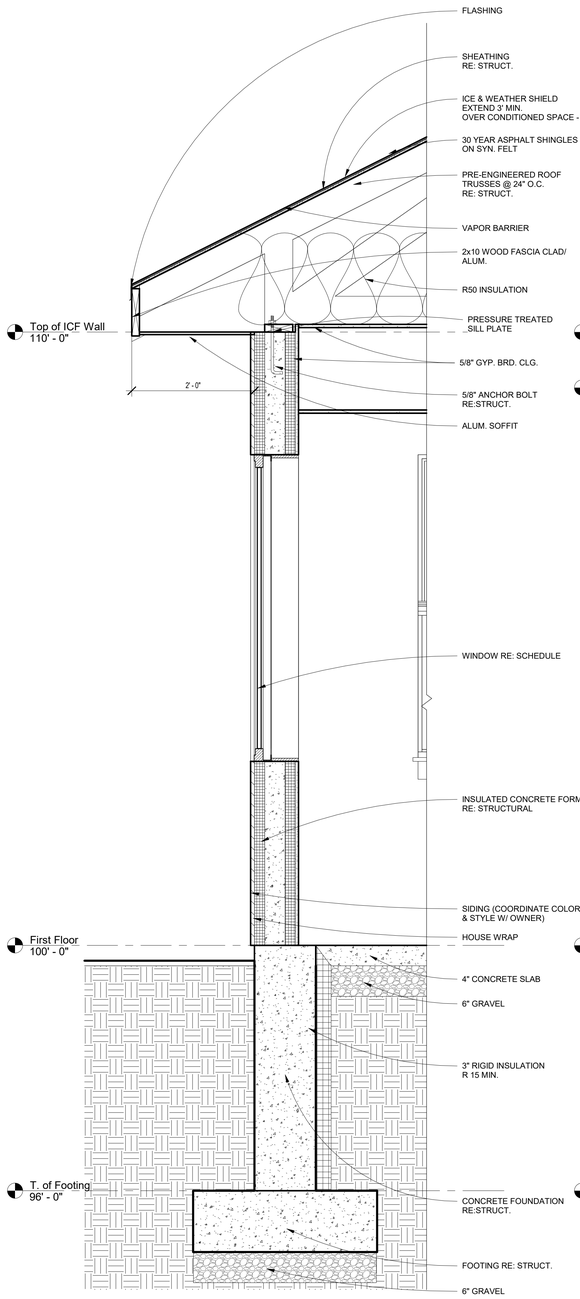
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

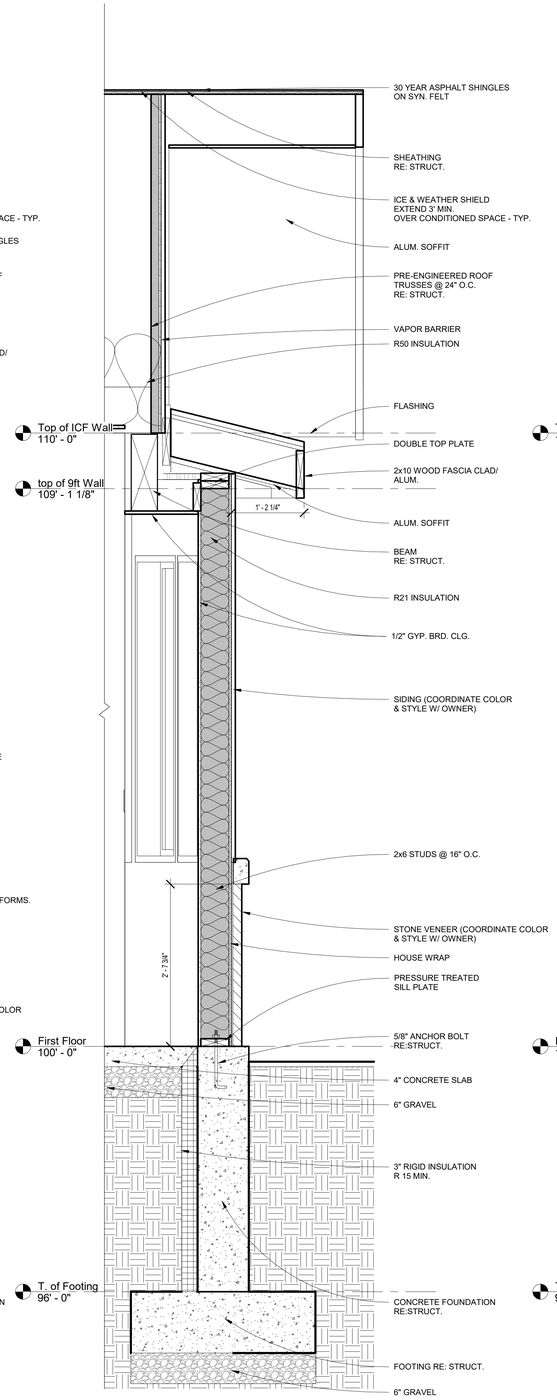
Wall Sections

A400

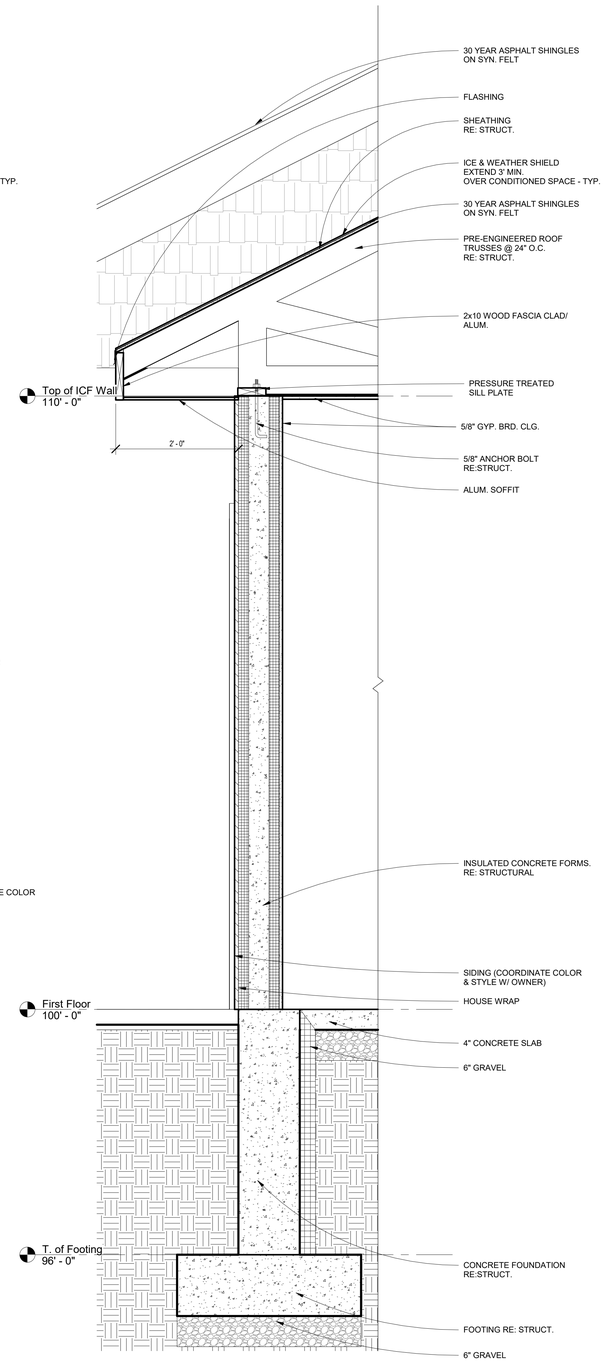
4/5/2025 6:29:42 AM



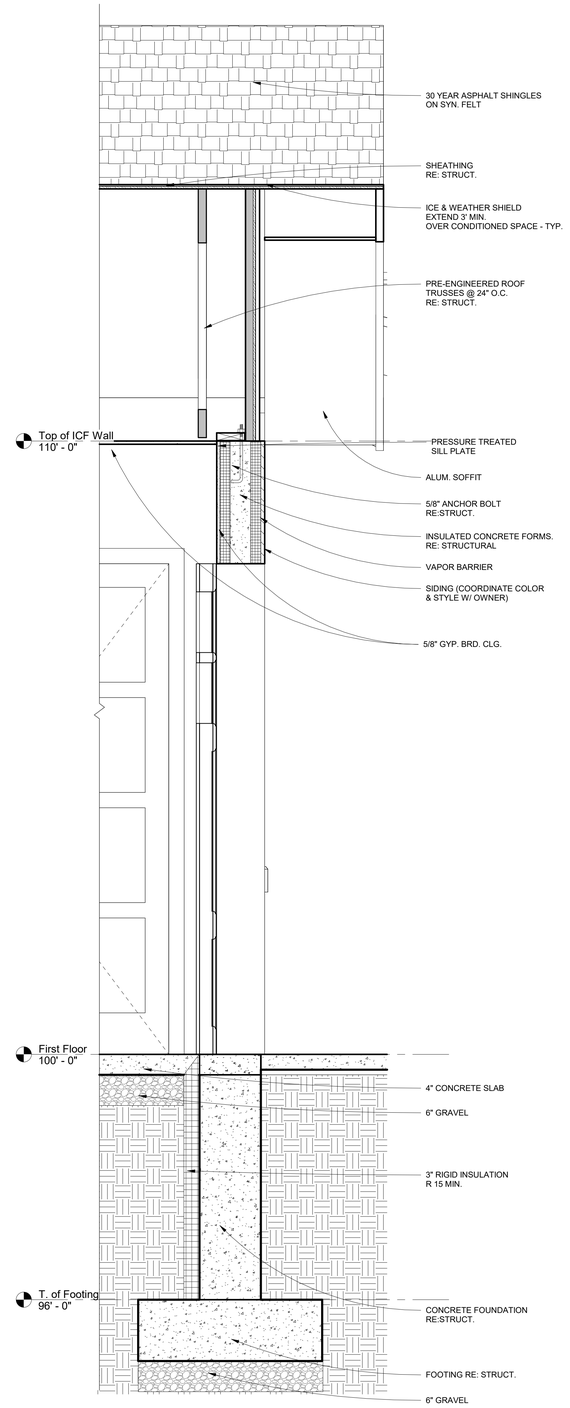
1 A401 **Building Section C - Callout 1**
1" = 1'-0"



2 A401 **Building Section C - Callout 2**
1" = 1'-0"



3 A401 **Building Section J - Callout 1**
1" = 1'-0"



4 A401 **Building Section J - Callout 2**
1" = 1'-0"

4/5/2025 6:29:45 AM

MANSFIELD ARCHITECTURE STUDIOS
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PHONE
435-512-6241 FAX
4984 EAST FOX NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

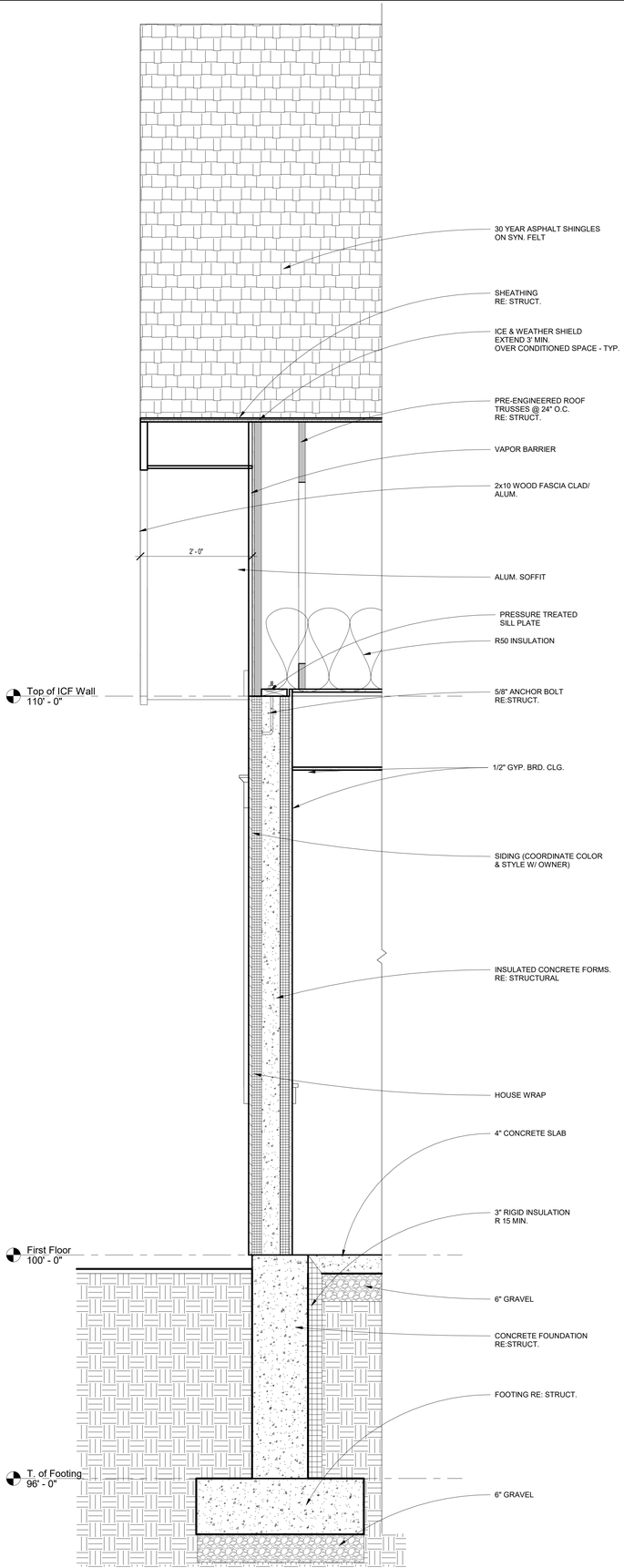
MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

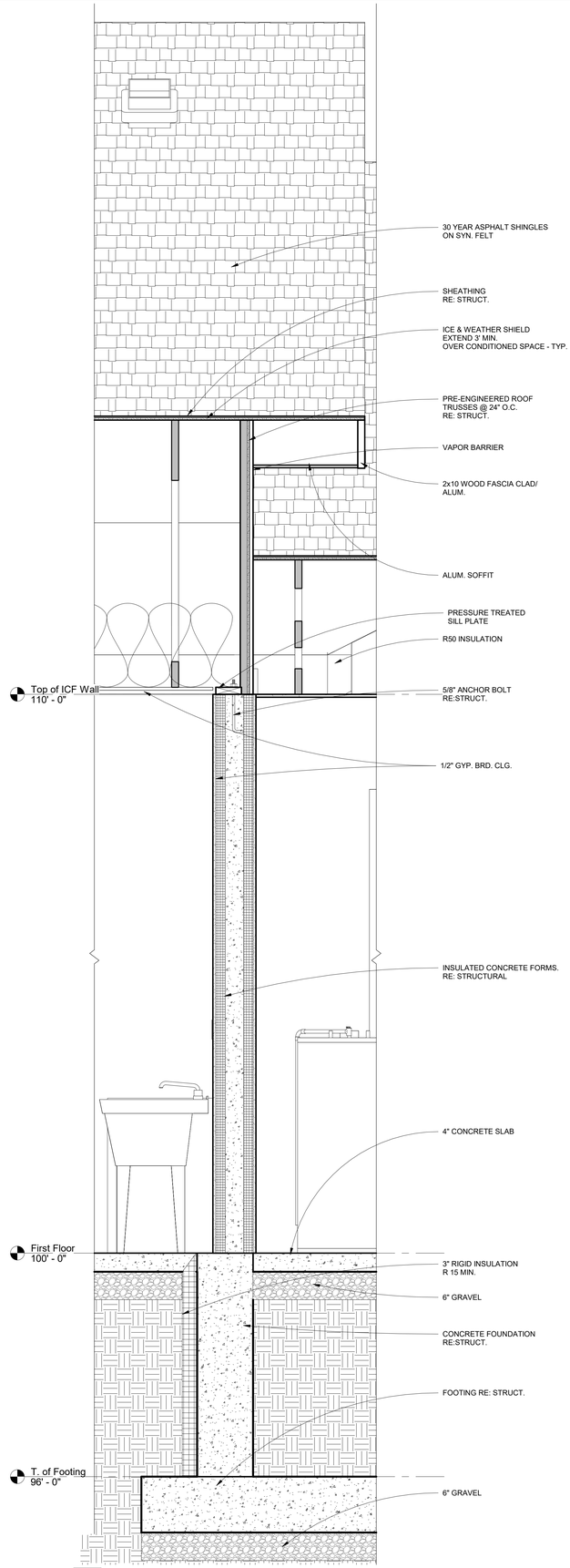
STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

Wall Sections

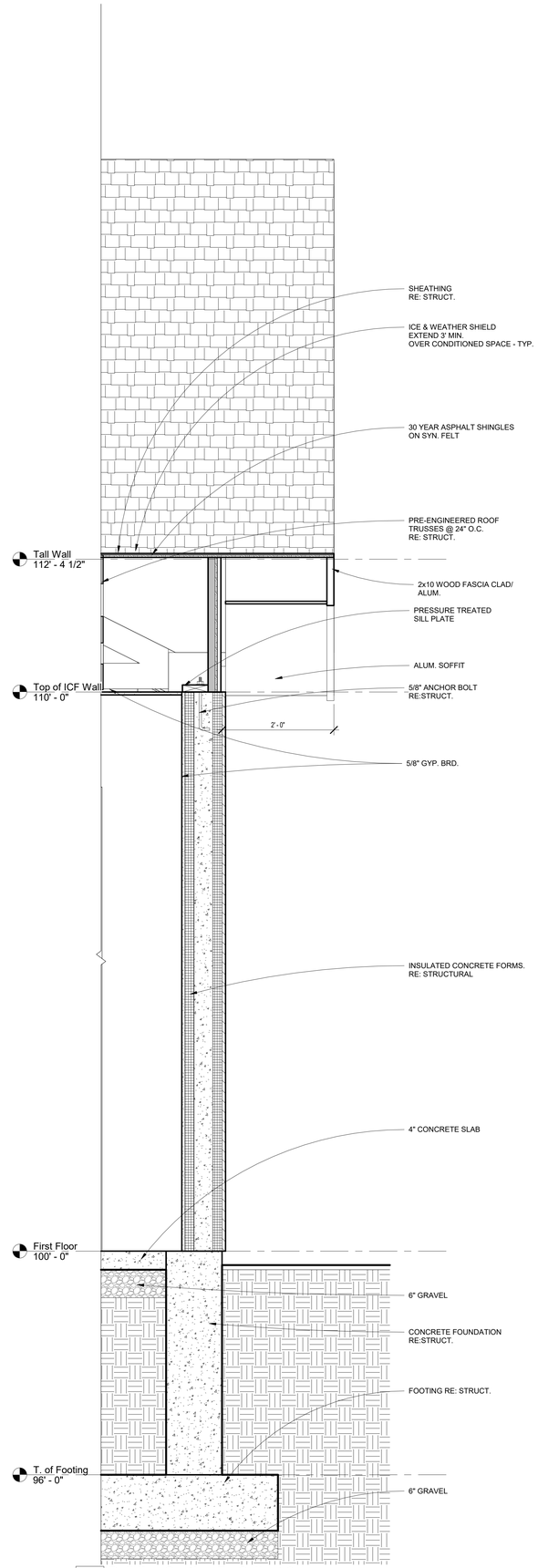
A401



1 A402 **Building Section E - Callout 1**
1" = 1'-0"



2 A402 **Building Section E - Callout 2**
1" = 1'-0"



3 A402 **Building Section E - Callout 3**
1" = 1'-0"

4/5/2025 6:29:51 AM

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6244 PHONE/FAX
4484 BAY FOX LN NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

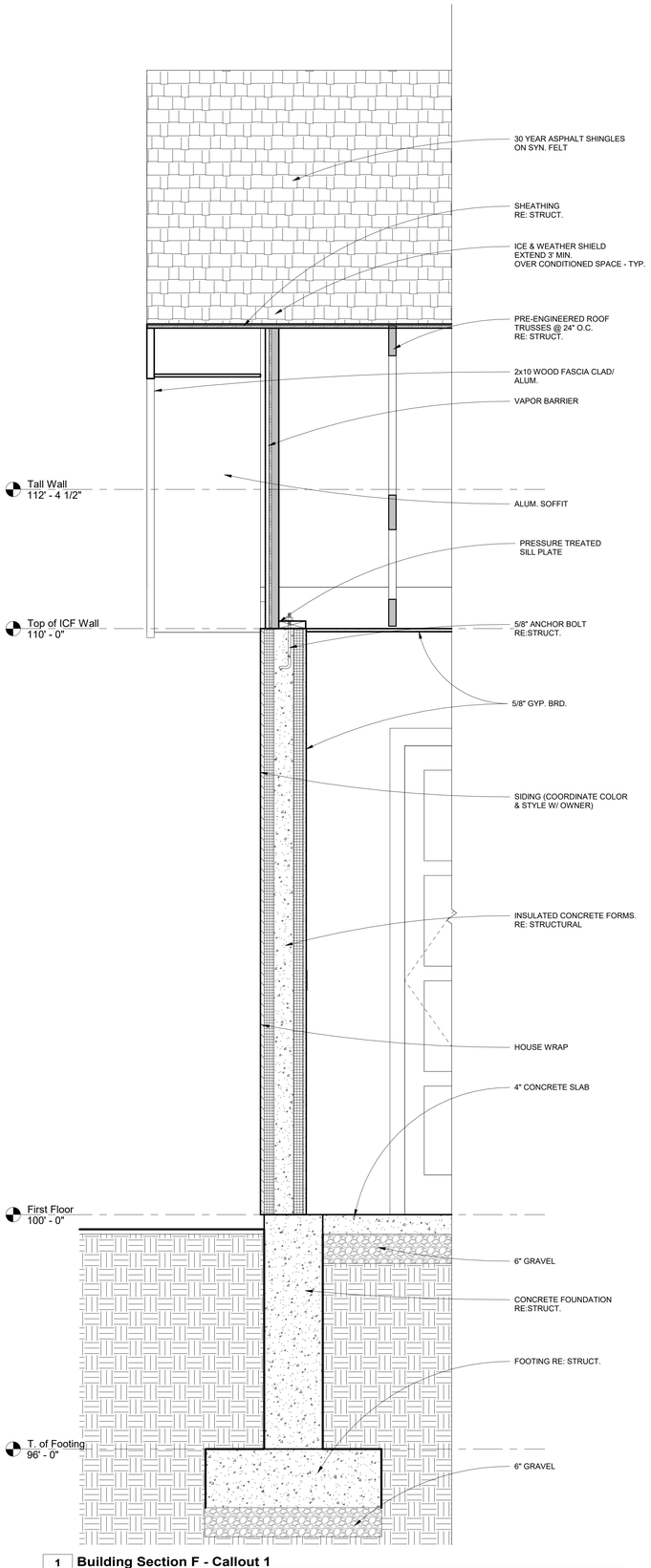
MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

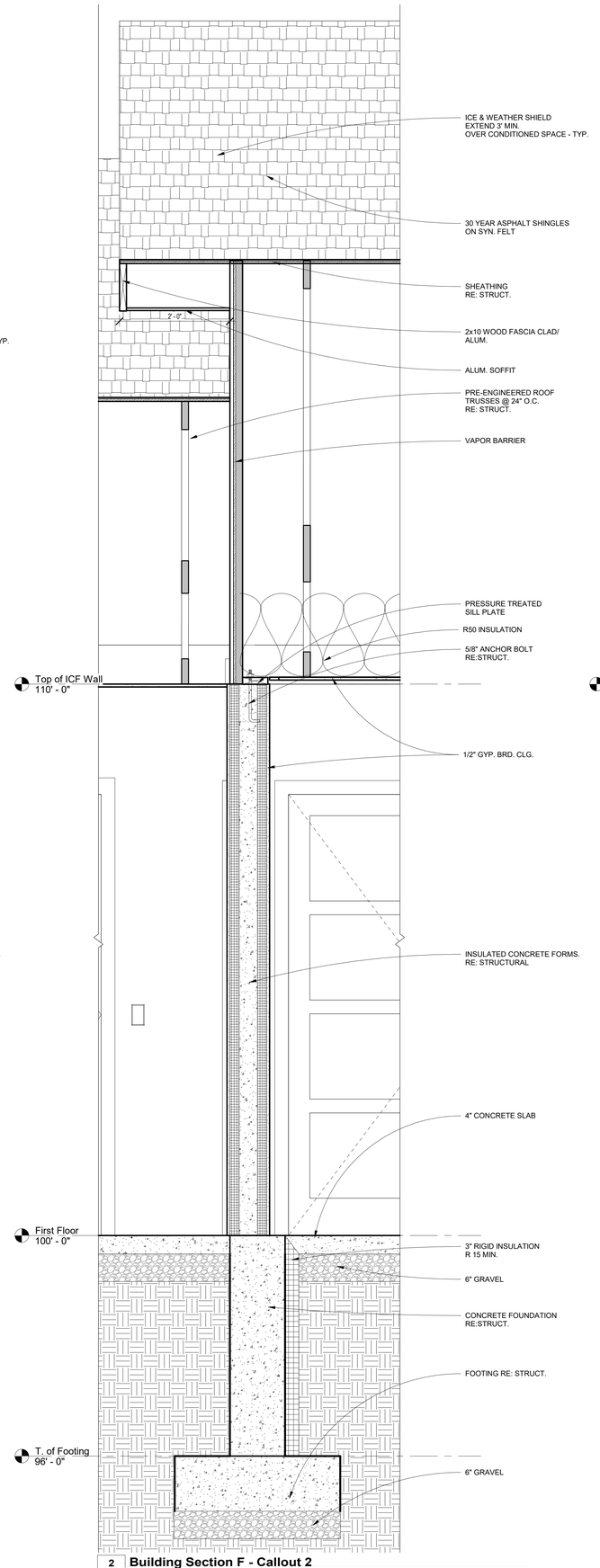
STATE OF UTAH
STEVEN R. MANSFIELD
Steven R. Mansfield
134922
4/4/2025
LICENSED ARCHITECT

Wall Sections

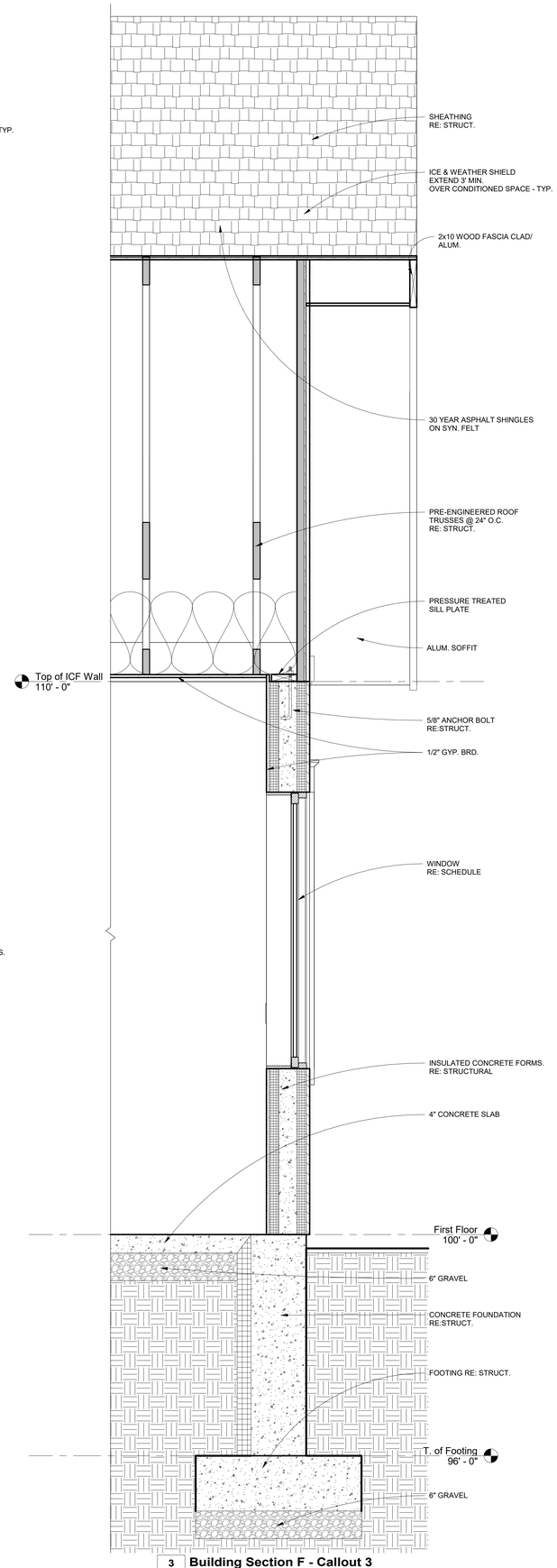
A402



1 A403 **Building Section F - Callout 1**
1" = 1'-0"



2 A403 **Building Section F - Callout 2**
1" = 1'-0"



3 A403 **Building Section F - Callout 3**
1" = 1'-0"

4/5/2025 6:29:54 AM

MANFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD — ARCHITECT
435-512-6240 — PARK CITY, UTAH
4484 BAR F DR. NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

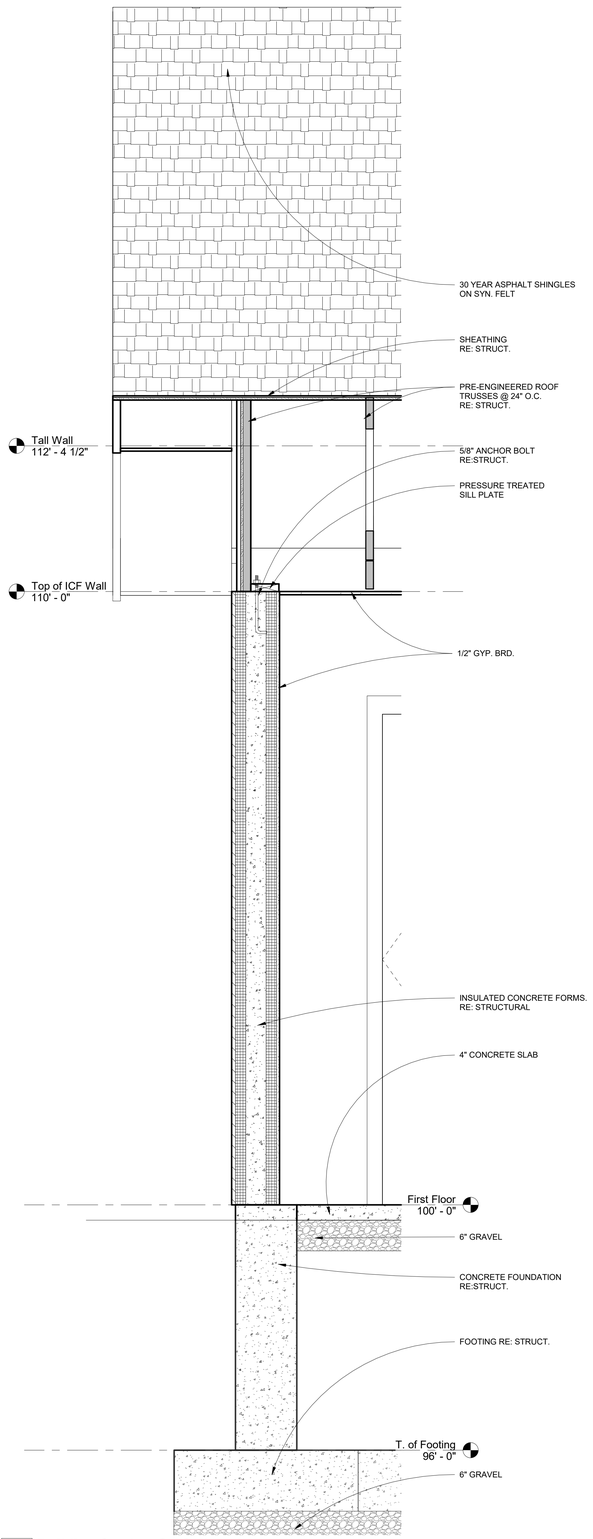
MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

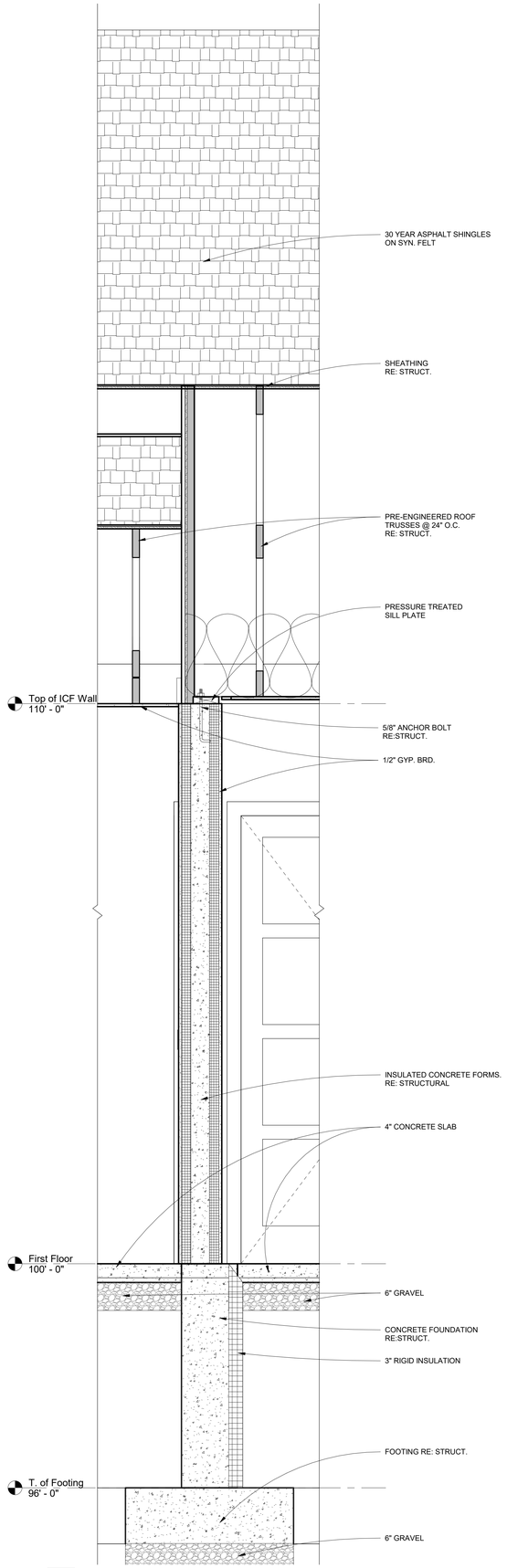
STATE OF UTAH — STEVEN R. MANSFIELD — 134922 — 4/4/2025 — LICENSED ARCHITECT

Wall Sections

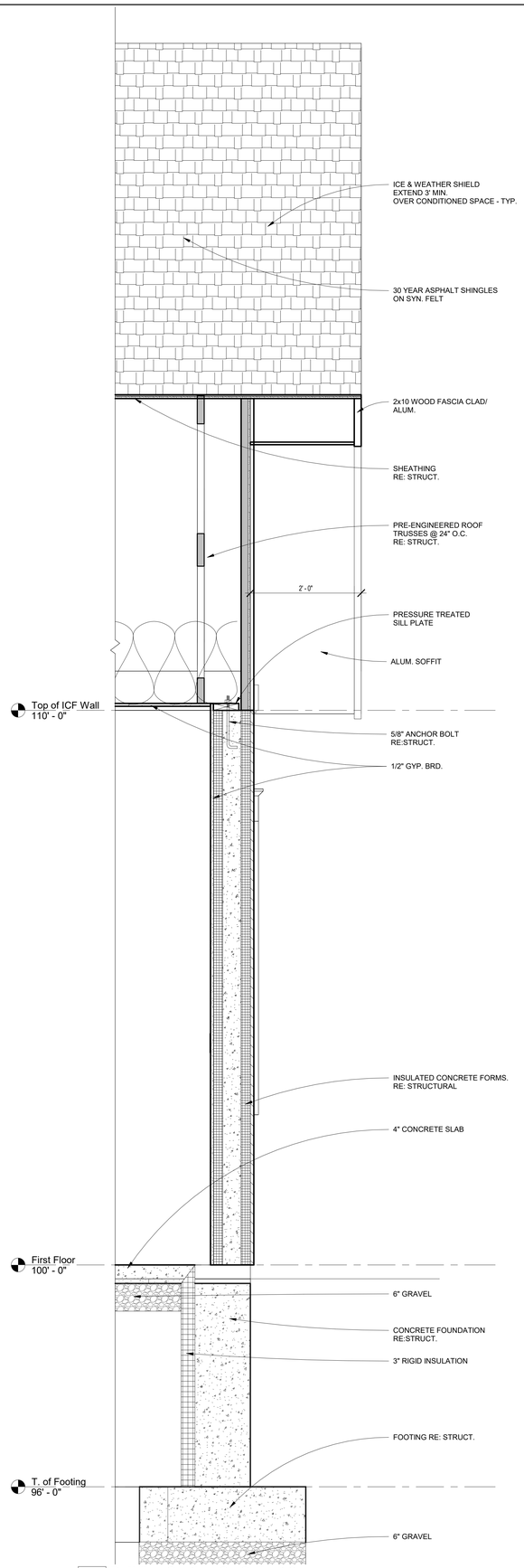
A403



1 A404 **Building Section G - Callout 1**
1" = 1'-0"



2 A404 **Building Section G - Callout 2**
1" = 1'-0"



3 A404 **Building Section G - Callout 3**
1" = 1'-0"

4/5/2025 6:29:57 AM

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PHONE: 435-512-6240
4484 EAST FOX NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS

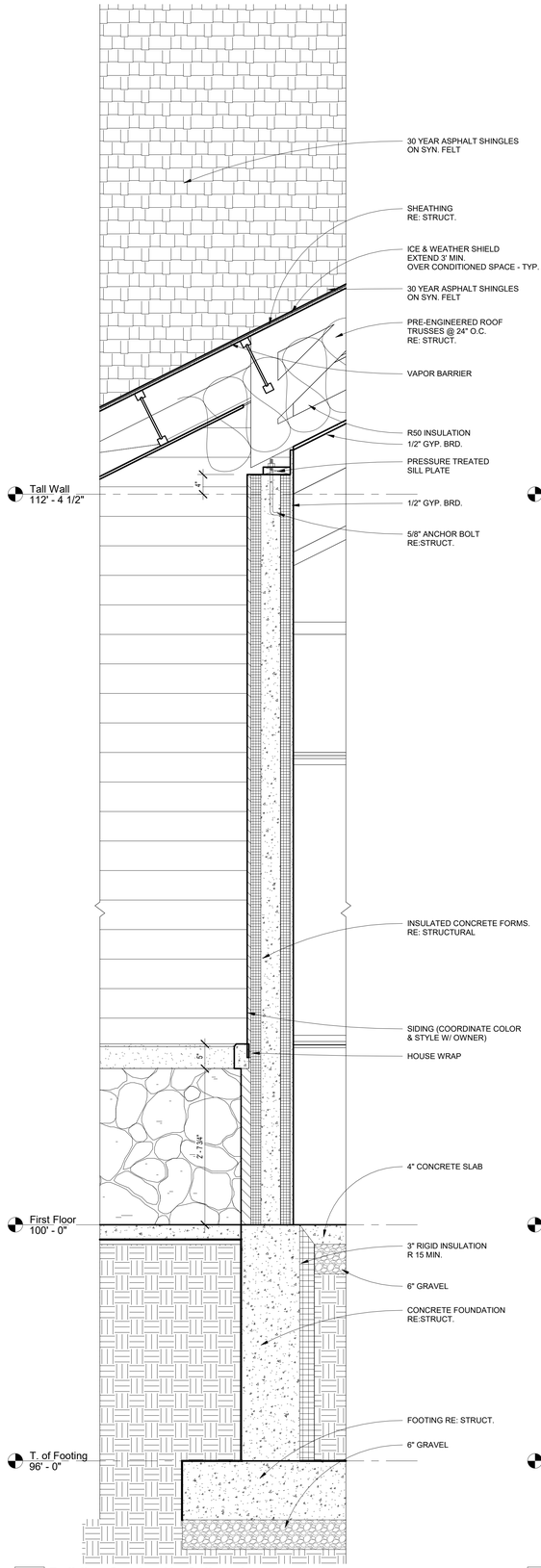
MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

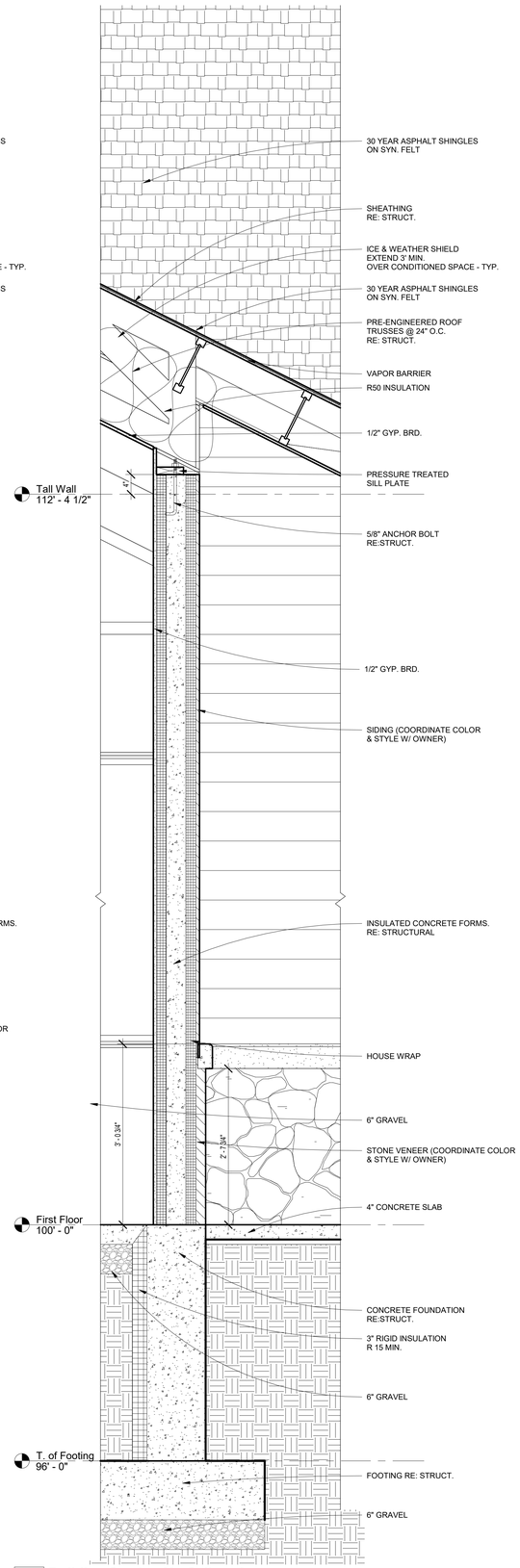
STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

Wall Sections

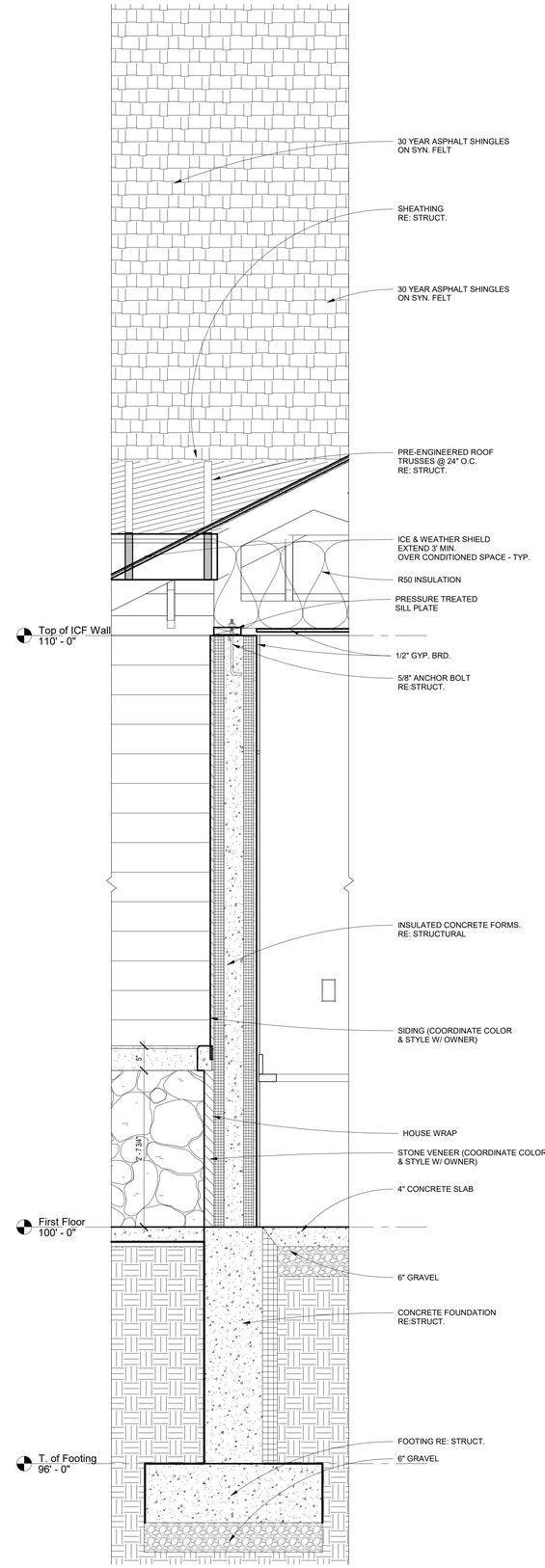
A404



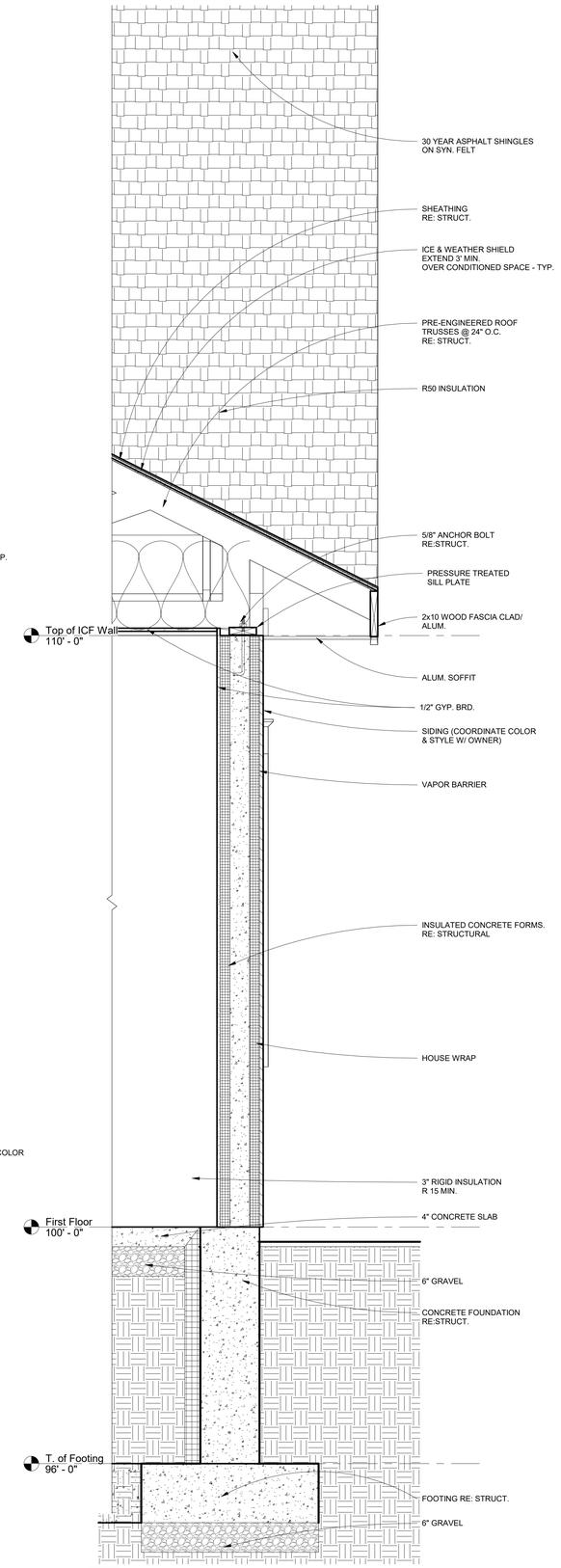
1 A405 **Building Section H - Callout 1**
1" = 1'-0"



2 A405 **Building Section H - Callout 2**
1" = 1'-0"



3 A405 **Building Section H - Callout 3**
1" = 1'-0"



4 A405 **Building Section H - Callout 4**
1" = 1'-0"

4/5/2025 6:30:00 AM

MAS
MARTIN ASSOCIATES ARCHITECTS
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PHONE
4484 SHAY PARK NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

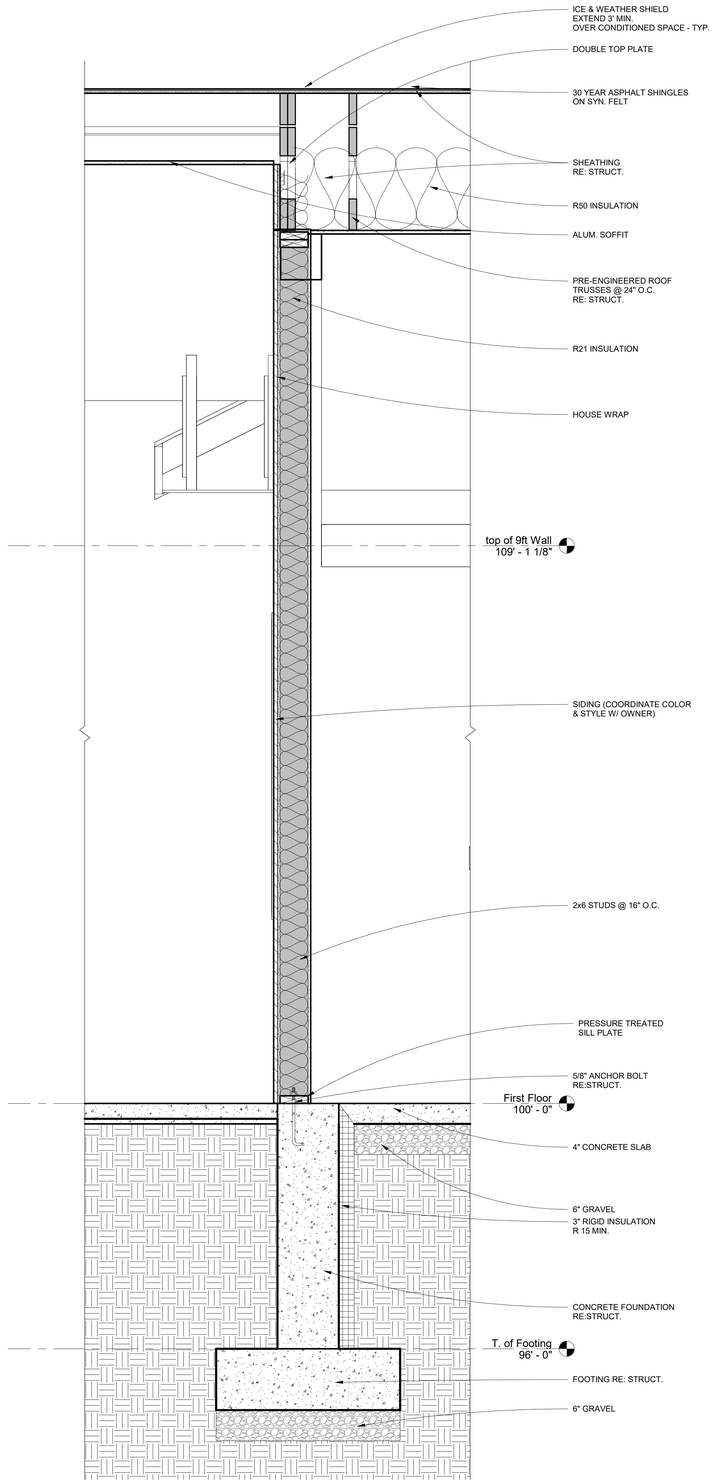
MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

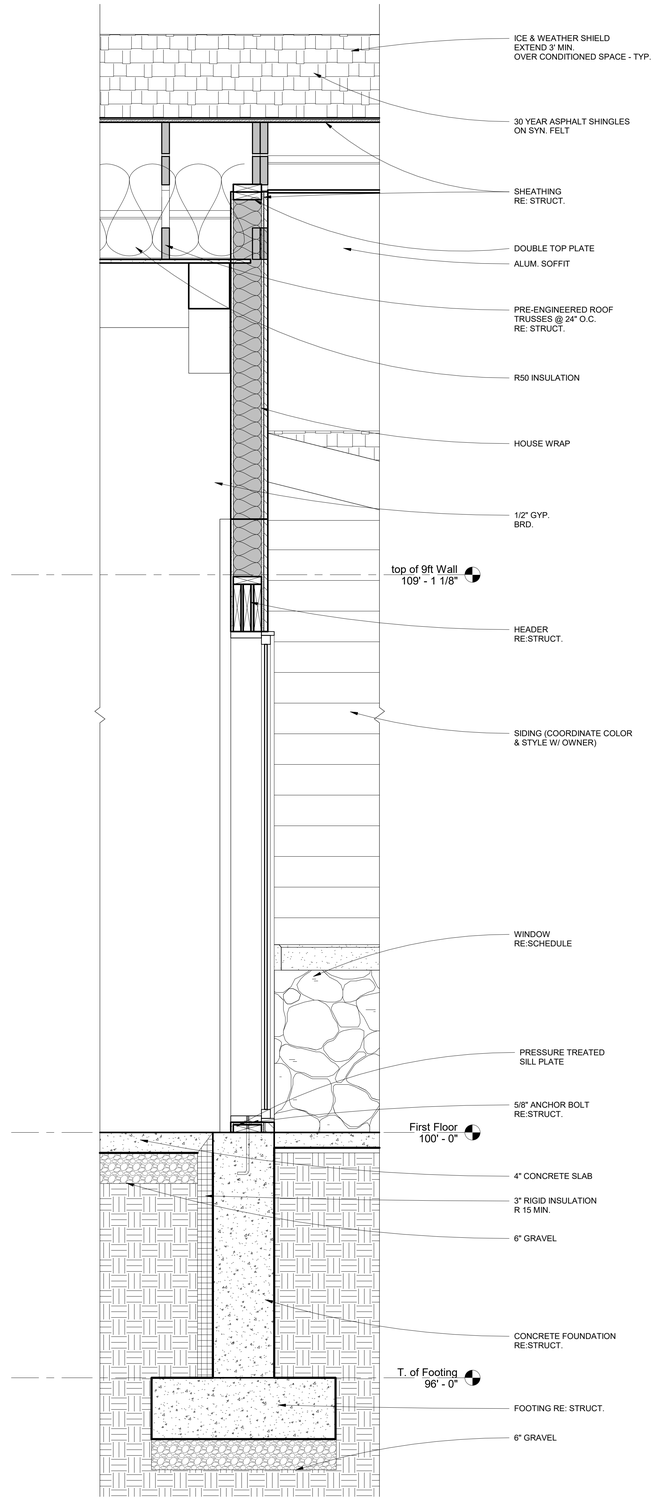
STATE OF UTAH
STEVEN R. MANSFIELD
Steven R. Mansfield
134922
4/4/2025
LICENSED ARCHITECT

Wall Sections

A405



2 **Building Section K - Callout 2**
A406 1" = 1'-0"



1 **Building Section K - Callout 1**
A406 1" = 1'-0"

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PHONE: 435-512-6240
4484 EAST FOX NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS

MARK:	DATE:	DESCRIPTION:

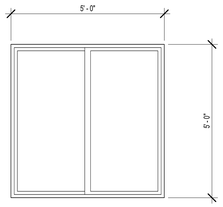
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
Steven R. Mansfield
134922
4/4/2025
LICENSED ARCHITECT

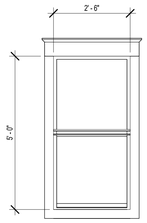
Wall Sections

A406

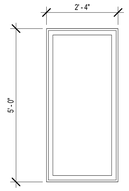
4/5/2025 6:30:03 AM



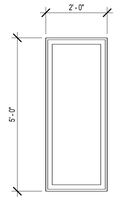
Window A
1/2" = 1'-0"



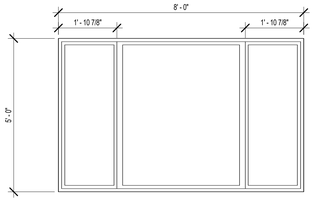
Window B
1/2" = 1'-0"



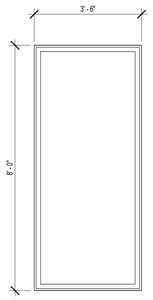
Window C
1/2" = 1'-0"



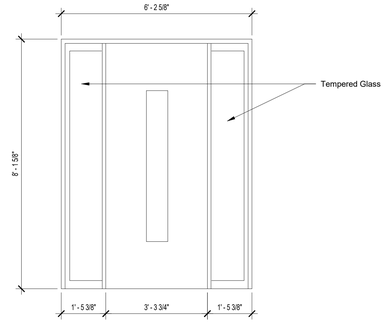
Window D
1/2" = 1'-0"



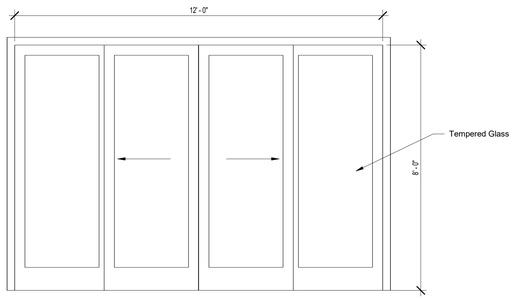
Window E
1/2" = 1'-0"



Window F
1/2" = 1'-0"



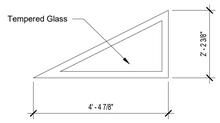
Door/Window G
1/2" = 1'-0"



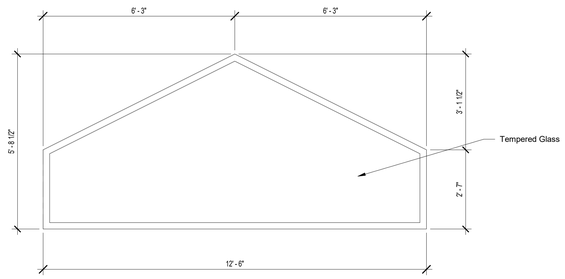
Door 7B
1/2" = 1'-0"

Door Schedule

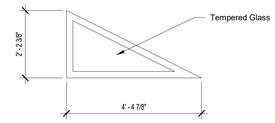
Door Number	Width	Height	Size Thickness	Comments
1	5' - 8"	9' - 0"	0' - 2"	
2	5' - 8"	9' - 0"	0' - 2"	
3	5' - 8"	9' - 0"	0' - 2"	
4	3' - 0"	8' - 0"	0' - 1 3/8"	
4A	16' - 0"	8' - 0"		
4B	3' - 0"	8' - 0"	0' - 1 3/8"	
4C	10' - 0"	8' - 0"		
4D	3' - 0"	8' - 0"	0' - 1 3/8"	
5	3' - 0"	8' - 0"	0' - 1 3/8"	
6	3' - 0"	8' - 0"	0' - 1 3/8"	
7	2' - 8"	8' - 0"	0' - 1 3/8"	
7A	3' - 3 3/4"	8' - 0"		
7B	12' - 0"	8' - 0"	0' - 2"	
7C	3' - 0"	8' - 0"	0' - 1 3/8"	
8	3' - 0"	8' - 0"	0' - 1 3/8"	
8	3' - 0"	8' - 0"	0' - 1 3/8"	
11	3' - 0"	8' - 0"	0' - 1 3/8"	
15	3' - 0"	8' - 0"	0' - 1 3/8"	
16	5' - 8"	9' - 0"	0' - 2"	
17	3' - 0"	8' - 0"	0' - 1 3/8"	
18	3' - 0"	8' - 0"	0' - 1 3/8"	
19	3' - 0"	8' - 0"	0' - 1 3/8"	
20	3' - 0"	8' - 0"	0' - 1 3/8"	
21	3' - 0"	8' - 0"	0' - 1 3/8"	
22	3' - 0"	8' - 0"	0' - 1 3/8"	
23	3' - 0"	8' - 0"	0' - 1 3/8"	
24	3' - 0"	8' - 0"	0' - 1 3/8"	
25	3' - 0"	8' - 0"	0' - 1 3/8"	
26	2' - 8"	8' - 0"	0' - 1 3/8"	
27	3' - 0"	8' - 0"		
28	3' - 0"	8' - 0"		



Window G
1/2" = 1'-0"



Window H
1/2" = 1'-0"



Window J
1/2" = 1'-0"

4/5/2025 6:30:05 AM

MANFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6244 PHONE
435-512-6247 FAX
4984 BAY POINT NORTH, HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

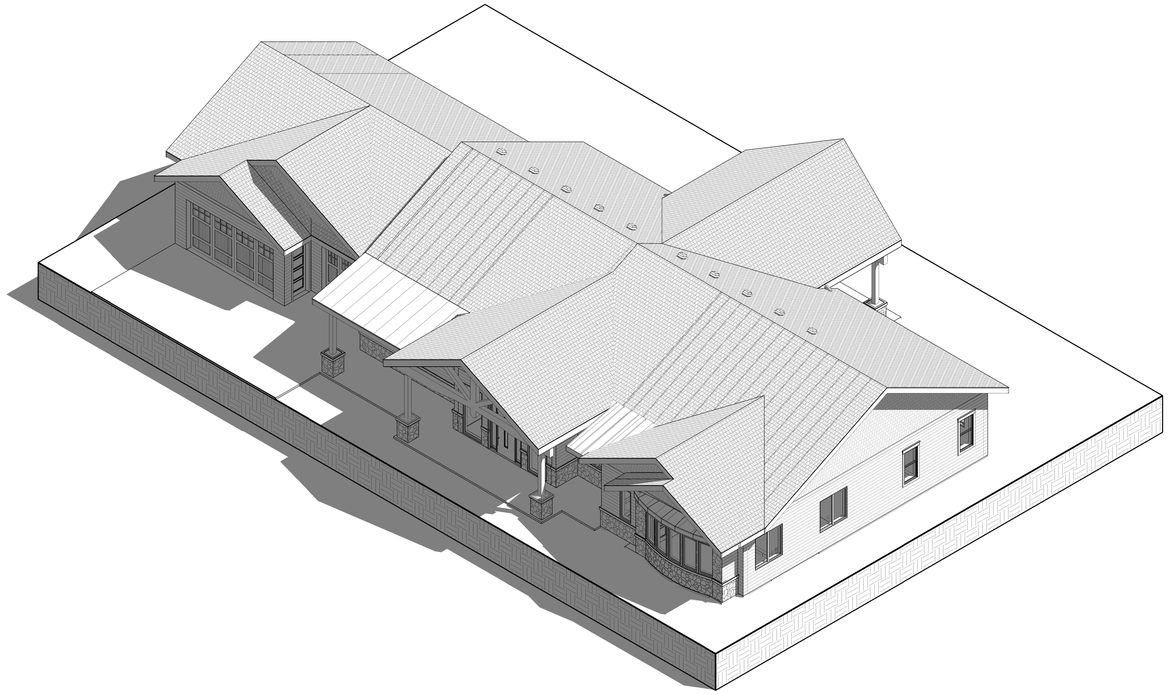
MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

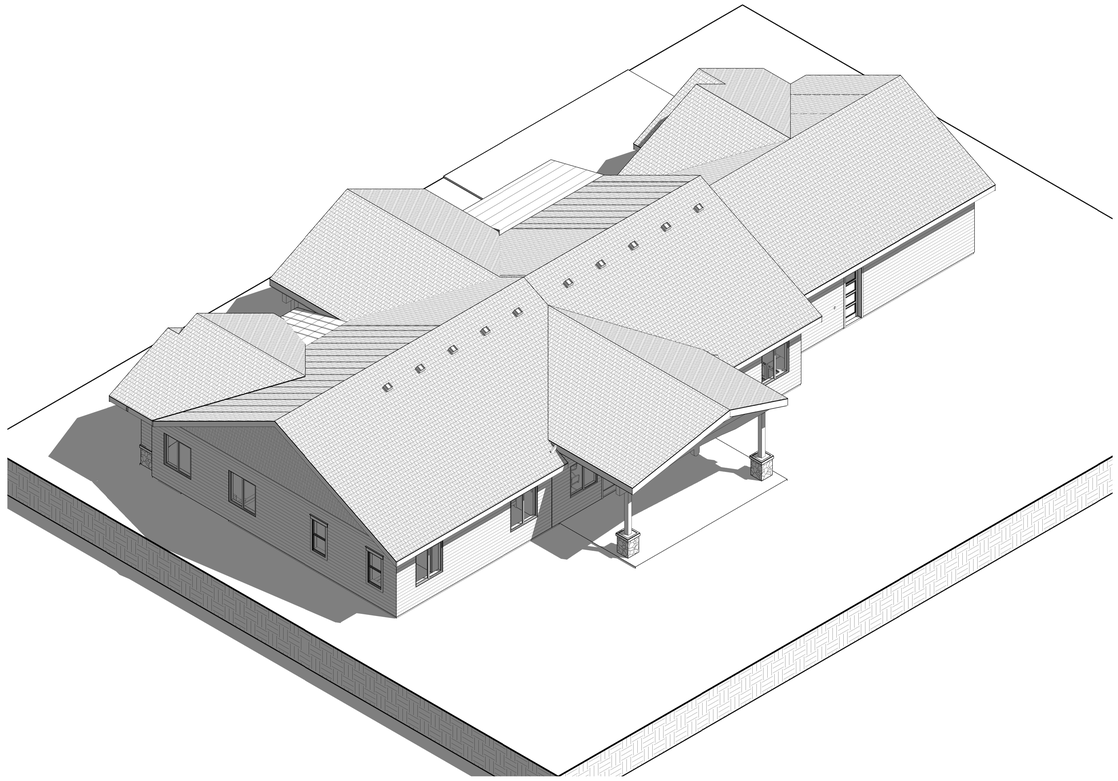
STATE OF UTAH
Steven R. Mansfield
134922
4/4/2025
LICENSED ARCHITECT

Window Schedule

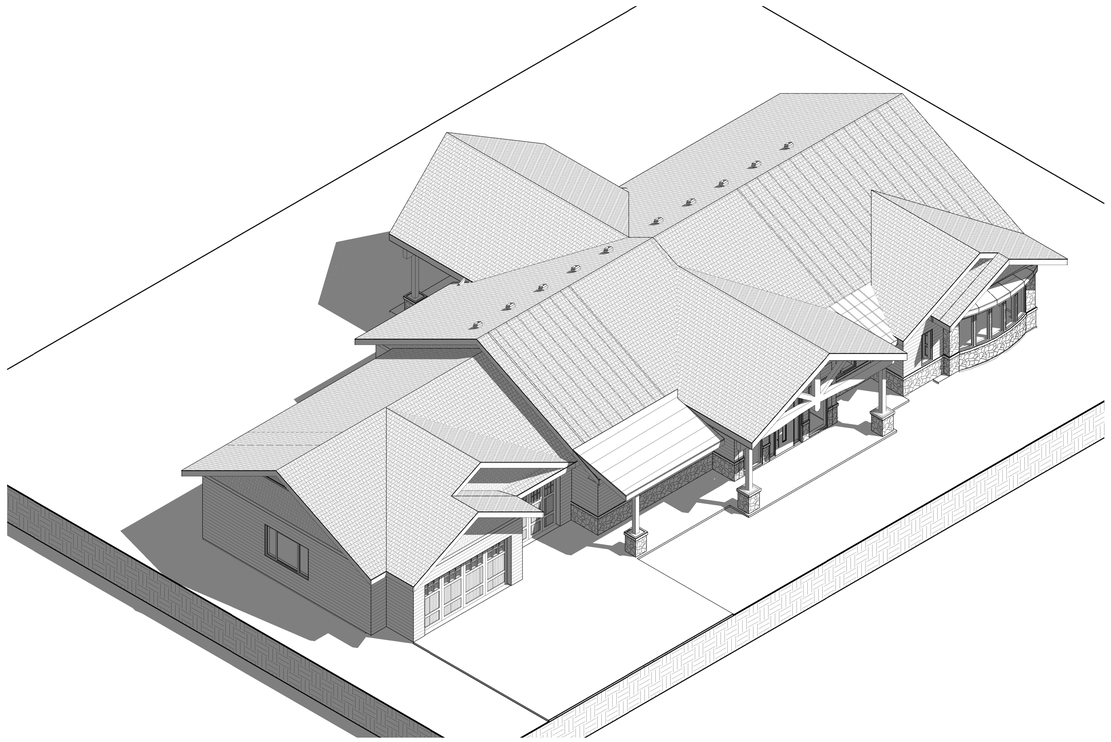
A500



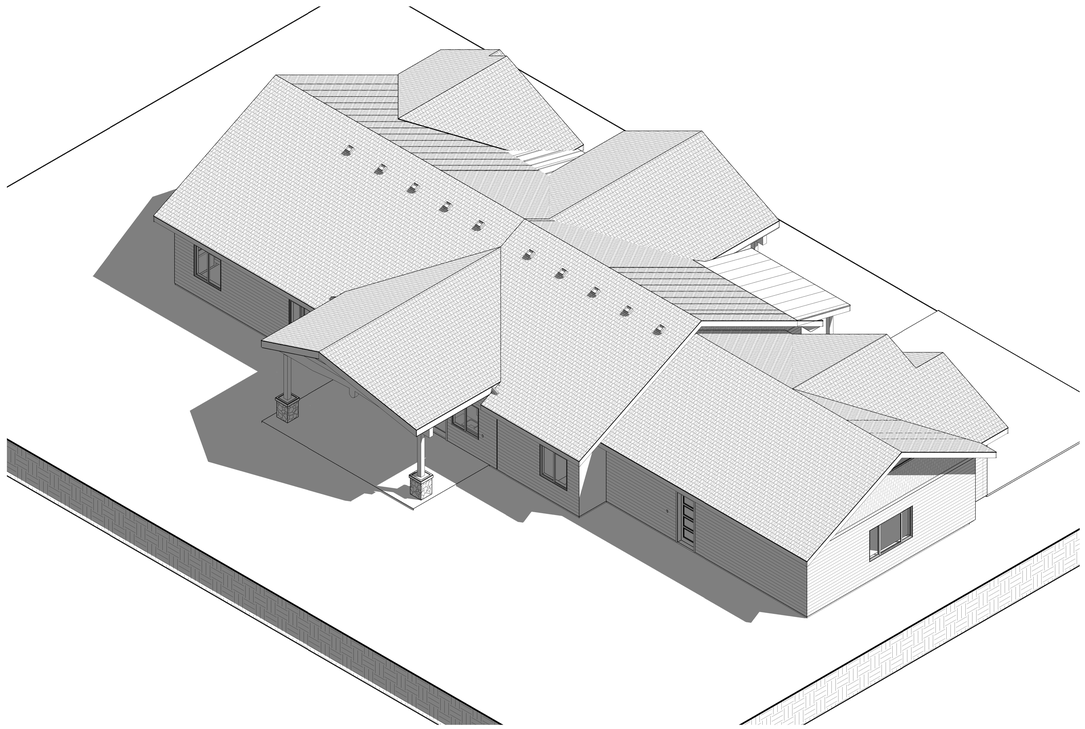
3 A901 **Axon 3**



2 A901 **Axon 2**



4 A901 **Axon 4**



1 A901 **Axon 1**

4/5/2025 6:30:32 AM

MANFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4848 BAR D PL NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

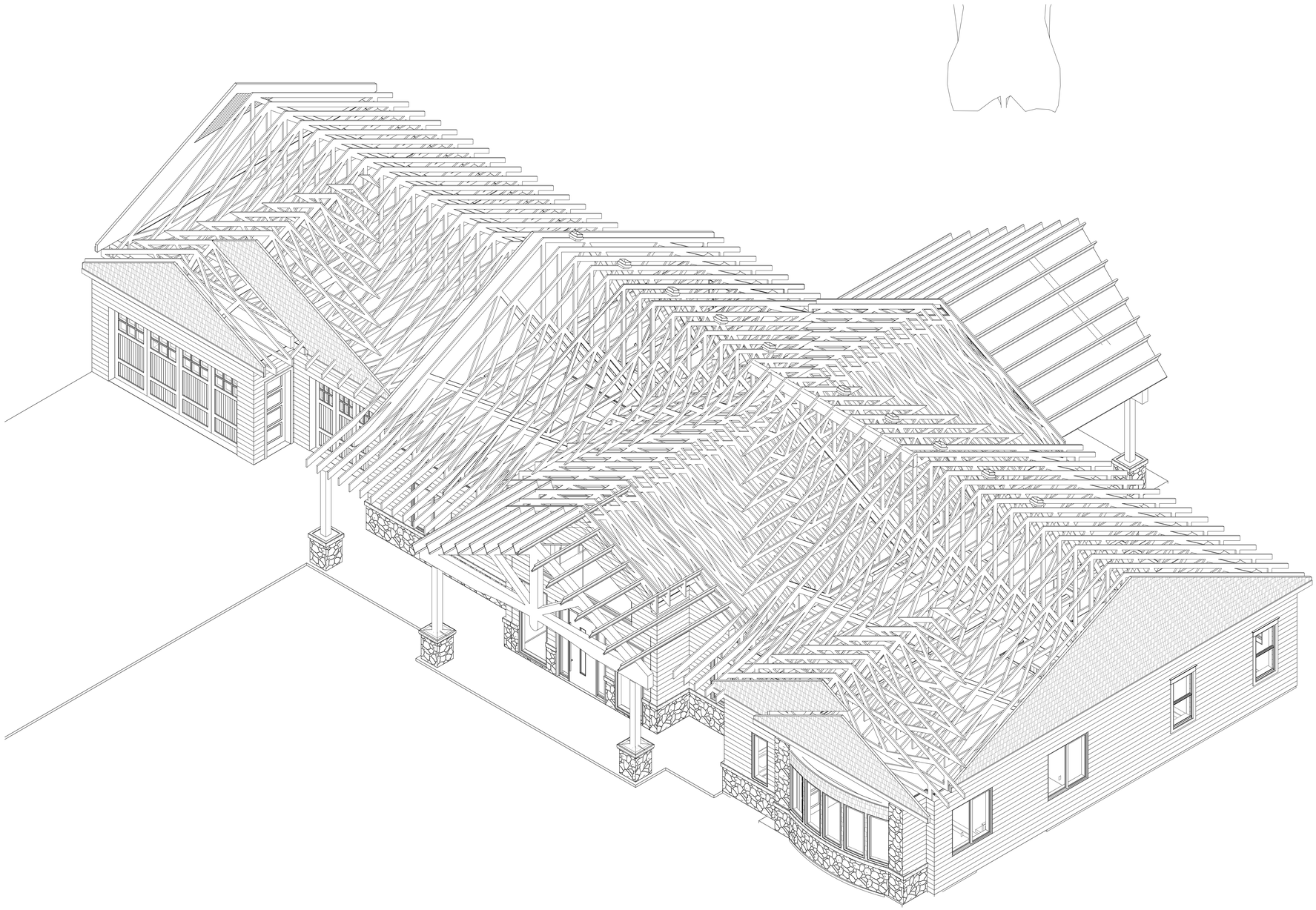
MARK:	DATE:	DESCRIPTION:

PROJECT # 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

3d Views

A901



1 A902 **3d Framing 1**

MANFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4984 BAR FLY NORTH, HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

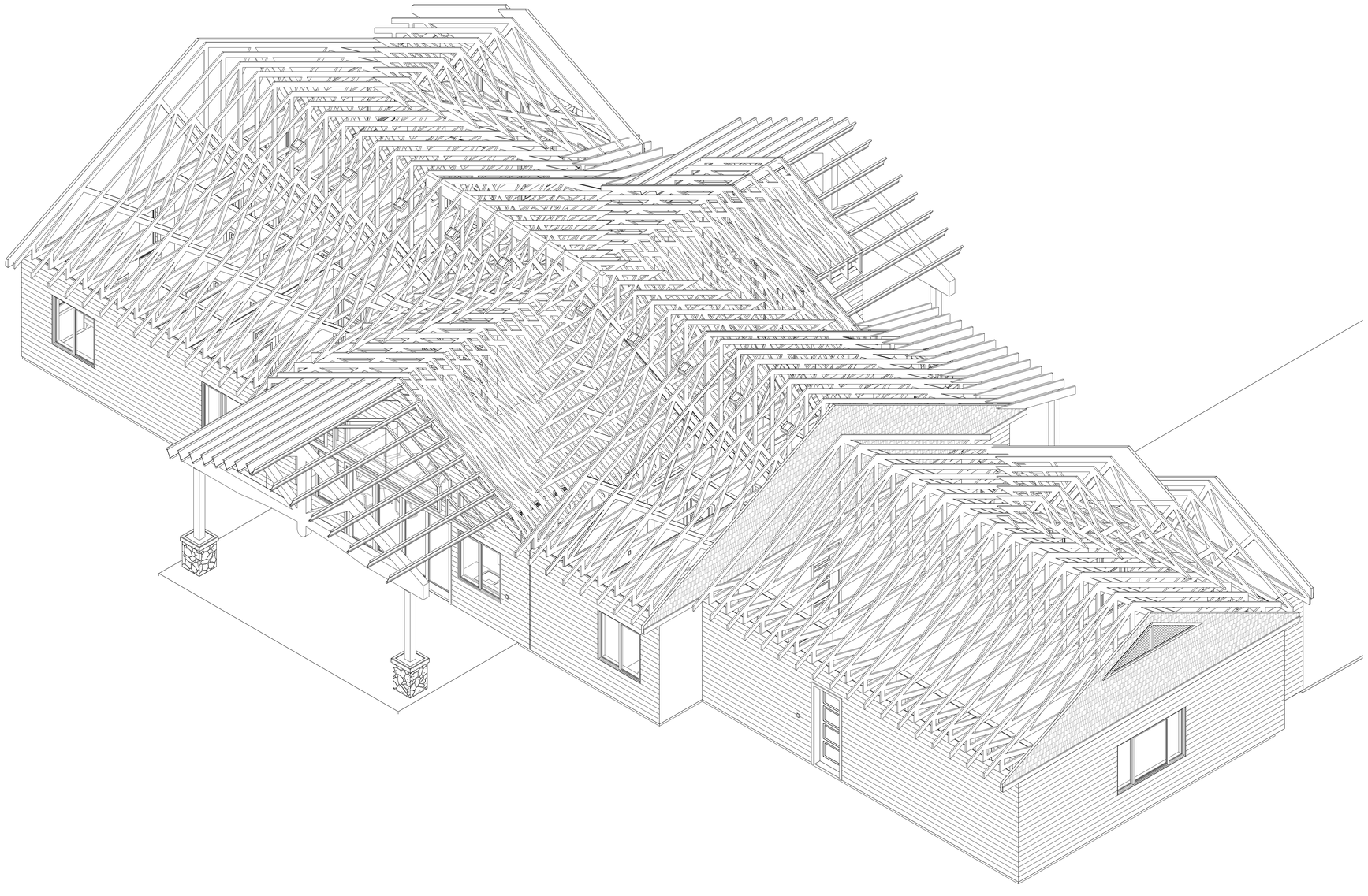
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

3D Framing

A902

4/5/2025 6:30:41 AM



1 A903 **3d Framing 2**

MANFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4484 BAR FLY LN NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
Steven R. Mansfield
134922
4/4/2025
LICENSED ARCHITECT

3d Framing

A903

4/5/2025 6:30:50 AM

1 3D View 7
A904

MANSFIELD ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PARK CITY, UTAH
4984 BAR FLY LN NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS 999 South 2200 West Logan, Utah 84321

MARK:	DATE:	DESCRIPTION:

PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
134922
4/4/2025
LICENSED ARCHITECT

3D

A904

4/5/2025 6:31:00 AM

Legend

- Duplex Outlet
- Ground Fault Circuit Interrupt Outlet
- Ground Fault Circuit Interrupt Outlet @ 42" A.F.F.
- 220 V
- Single Pole Switch
- 3 way Switch
- Light Fixture - coordinate type & Style w/ Owner
- Exhaust Fan
- Smoke/CO2 Detector
- Heating/Cooling Diffuser

1 First Floor Electrical & Mechanical Plan
E/M 100 1/4" = 1'-0"

MANTIS ARCHITECTURAL STUDIES
STEVEN R. MANSFIELD ARCHITECT
435-512-6240 PHONE/FAX
4984 EAST FOX NORTH HYDE PARK, UTAH 84318

Jess Andersen House

PROJECT DISCRIPTION

OWNERS NAME Jess Andersen

PROJECT ADDRESS

MARK:	DATE:	DESCRIPTION:

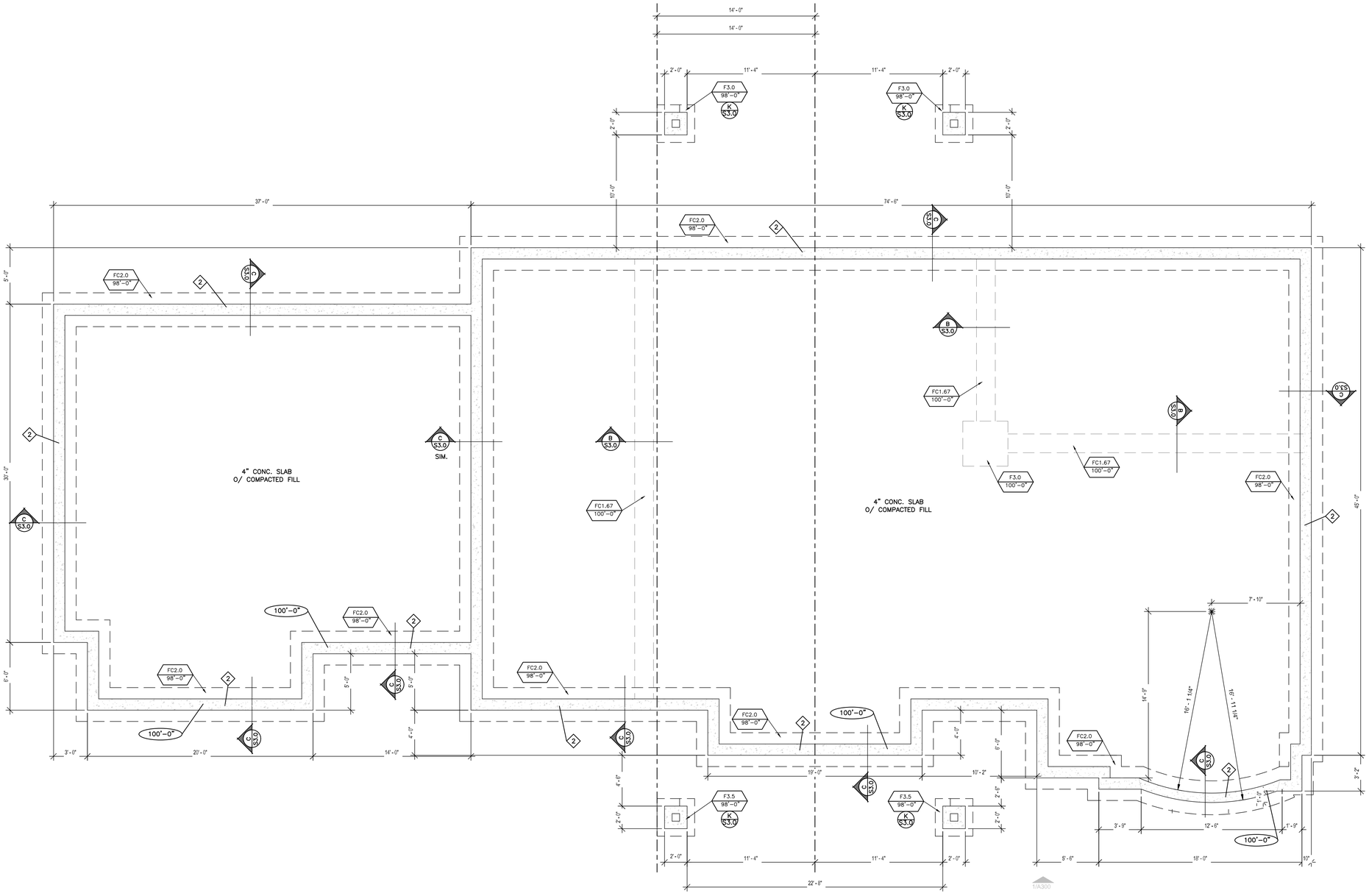
PROJECT #: 390
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Feb. 4th 2025

STATE OF UTAH
STEVEN R. MANSFIELD
Steven R. Mansfield
134922
4/4/2025
LICENSED ARCHITECT

Main Floor Electrical and Mechanical Plan

E/M 100

4/5/2025 6:31:04 AM



FOOTING PLAN NOTES

1. FOOTINGS ARE TO BE CENTERED UNDER WALLS & COLUMNS UNLESS NOTED OTHERWISE.
2. FOOTING AND FOUNDATIONS ARE TO BE PLACED ON NATIVE UNDISTURED SOILS OR COMPACTED FILL.
3. EXTERIOR FOOTINGS ARE TO BE PLACED 30" MIN. BELOW FINISHED GRADE FOR FROST PROTECTION.

SYMBOLS/LEGEND

SECTION MARK
SHEET NUMBER

DETAIL MARK
SHEET NUMBER

FOOTING MARK
TOP OF FOOTING ELEV.

TOP OF FOUNDATON WALL

FC–x CONTINUOUS FOOTING (SEE SCHEDULE)

F–x SPOT FOOTING (SEE SCHEDULE)

CONCRETE WALL SCHEDULE

MARK	THICK	MATERIALS		REINFORCING		SPECIAL INSPECTION
				VERTICAL	HORIZONTAL	
2	12"	CONCRETE		(2) LAYERS #4 @ 18" c.c.	(2) LAYERS #4 @ 10" c.c.	NO

CONCRETE FOOTING SCHEDULE

MARK	DIMENSION			CROSS–WISE REINFORCING				LENGTH–WISE REINFORCING				COMMENTS
	WIDTH	LENGTH	THICK	NO.	SIZE	LENGTH	SPACE	NO.	SIZE	LENGTH	SPACE	
FC1.67	20"	CONT	10"	–	–	–	–	3	#4	CONT	EQUAL	
FC2.0	24"	CONT	12"	–	–	–	–	3	#4	CONT	EQUAL	
F3.0	36"	36"	12"	3	#5	30"	EQUAL	3	#5	30"	EQUAL	

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

A
S1.0

REGISTERED PROFESSIONAL ENGINEER
NO. 275617
BRIAN G. LYON
3/31/25
STATE OF UTAH
SEAL

ALLIANCE CONSULTING ENGINEERS
150 EAST 200 NORTH SUITE P
LOGAN, UTAH 84321
(435)755-5121
allianceengr@westoffice.net

CONFIDENTIALITY AND COPYRIGHT NOTICE
UNAUTHORIZED USE, DISCLOSURE, OR COPYING OF THIS DRAWING IS PROHIBITED.
CONSTRUCTION DOCUMENTS THAT ARE DISTRIBUTED FOR BIDDING PURPOSES SHALL NOT BE RETAINED AND SHALL BE DESTROYED WITHIN 30 DAYS AFTER THE BID OPENING BY THE PLAN HOLDER.
COPYRIGHT 2005

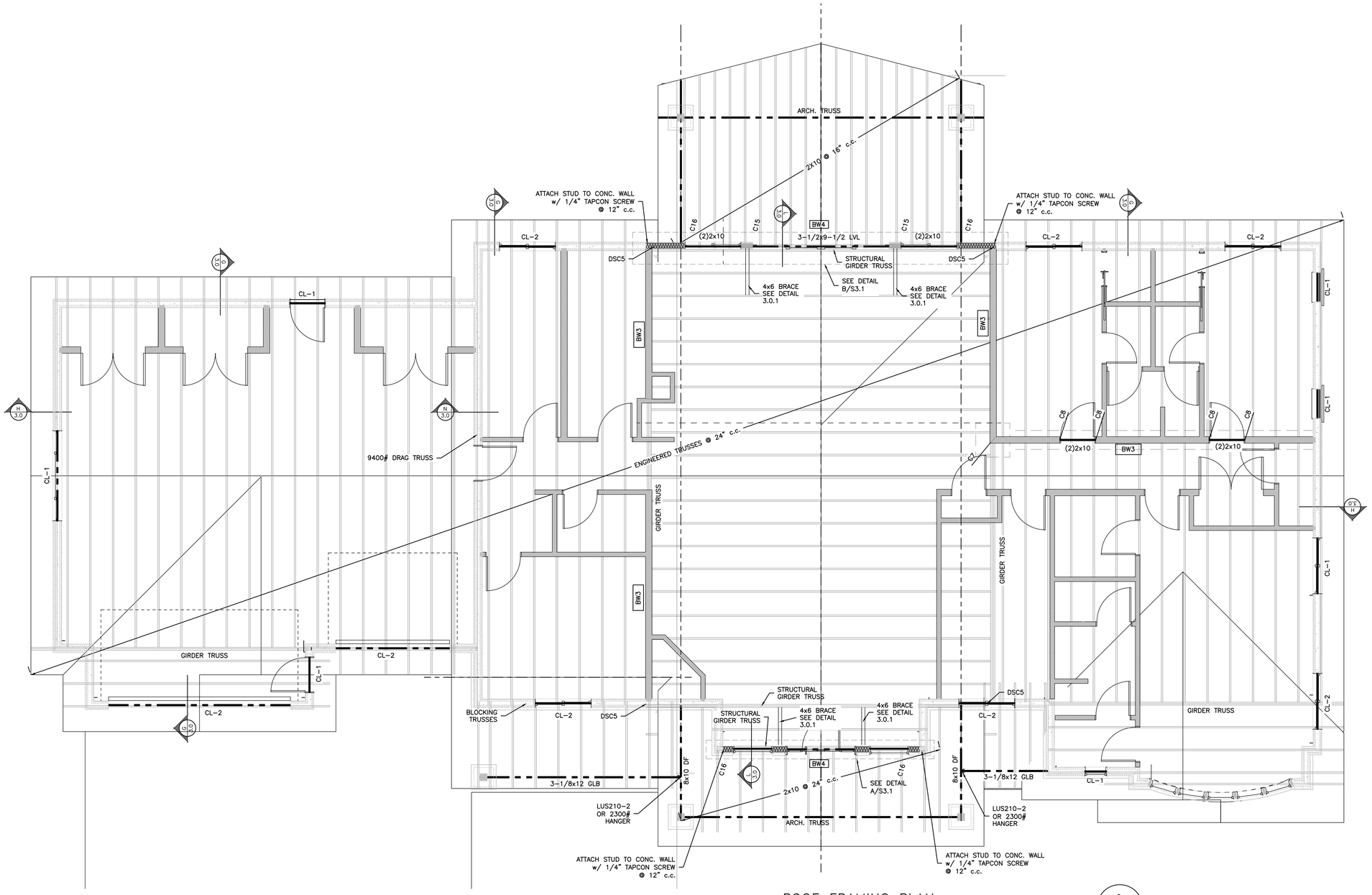
No.	REVISIONS / SUBMISSIONS	DATE

REVIEWED :
DRAWN :
CAD FILE :
PROJECT NO. :

PROJECT TITLE
JESS ANDERSEN HOME
LOGAN, UTAH

DRAWING TITLE
FOOTING/FOUNDATION PLAN

DATE :
DRAWING No.
S1.0



ROOF FRAMING PLAN
SCALE: 1/4"=1'

A
S2.0

COLUMN SCHEDULE

MARK	TYPE	SIZE	NOTE
C1	DF-L#2	(2)2x6 TRIMMERS (1)2x6 KING STUDS	SEE DETAIL I/S4.0
C2	DF-L#2	(1)2x6 TRIMMERS (2)2x6 KING STUDS	SEE DETAIL I/S4.0
C3	DF-L#2	(2)2x6 TRIMMERS (2)2x6 KING STUDS	SEE DETAIL I/S4.0
C4	DF-L#2	(3)2x6 TRIMMERS (2)2x6 KING STUDS	SEE DETAIL I/S4.0
C5	DF-L#2	(2)2x6 TRIMMERS (3)2x6 KING STUDS	SEE DETAIL I/S4.0
C6	DF-L#2	4x4	
C7	DF-L#2	6x6	
C8	DF-L#2	(2)2x6	
C9	DF-L#2	(3)2x6	
C10	DF-L#2	(4)2x6	
C11	DF-L#2	(2)2x4	
C12	DF-L#2	(3)2x4	
C13	DF-L#2	(4)2x4	
C14	DF-L#2	8x8	
C15	DF-L#2 LSL1.55E	2x6 TRIMMER EA. SIDE 3.5x5.5 LSL KING STUD	SEE DETAIL A/S3.0
C16	DF-L#2 LSL1.55E	2x6 TRIMMER 3.5x5.5 LSL KING STUD	

NOTE: PROVIDE TRIMMERS/STUDS UNDER BEARING ENDS OF GIRDER TRUSSES & BEAMS EQUIVALENT TO THE WIDTH OF THE MEMBER SUPPORTED, OR AS SPECIFIED ON FRAMING PLANS.

BEARING WALL SCHEDULE

MARK	TYPE	SIZE	NOTES
BW1	DF-L STUD	2x4 @ 16" c.c.	
BW2	DF-L #2	2x4 @ 12" c.c.	
BW3	DF-L STUD	2x6 @ 16" c.c.	
BW4	DF-L #2	2x6 @ 16" c.c.	
BW5	DF-L STUD	2x4 @ 12" c.c. STAGGERED w/ 2x6 TOP AND BOTTOM PLT	
BW6	LSL 1.3E	1.5x5.5 @ 16" c.c.	
BW7	DF-L #2	2x8 @ 16" c.c.	

NOTES:
ALL 2X4 FRAMED BEARING WALLS TO BE 2x4 @ 16 c.c. DF-L STUD (U.N.O.)
ALL 2X6 FRAMED BEARING WALLS TO BE 2x6@16 c.c. DF-L STUD (U.N.O.)

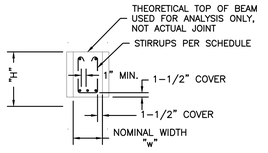
CONCRETE LINTEL SCHEDULE

MARK	H		w	REINFORCING		COMMENTS
				HORIZONTAL	STIRRUPS	
CL-1	16"		6"	2-#5 CONT. TOP & BOTTOM	NOT REQUIRED	
CL-2	16"		6"	2-#5 CONT. TOP & BOTTOM	#3 @ 12" c.c.	

ICF WALL SCHEDULE

MARK	THICK	MATERIALS		REINFORCING		SPECIAL INSPECTION
				VERTICAL	HORIZONTAL	
6"	6.0" WALL CAVITY	CONCRETE		#4 @ 16" c.c.	#4 @ 16" c.c.	NO

NOTES:
1) ICF WALLS TO BE 6" CONC. w/ #4 @ 16" c.c. VERTICAL AND HORIZONTAL
2) ADD 2#5 AROUND ALL OPENNINGS. SEE CONCRETE SPECIFICATIONS C20.



CONCRETE LINTEL NOTES:

1. LINTEL WIDTH AND MATERIAL TYPE SHALL BE THE SAME AS THE WALL IN WHICH THE LINTEL IS CONSTRUCTED.
2. POUR CONCRETE LINTELS MONOTHICALLY WITH THE SUPPORT WALL OR COLUMN AT EACH END.
3. EXTEND ALL HORIZONTAL REINFORCEMENT 48 BAR DIAMETERS MINIMUM BEYOND THE EDGE OF ALL OPENNINGS. IF HORIZONTAL REINFORCING CANNOT EXTEND 48 BAR DIAMETERS BEYOND EDGE OF OPENNING, PROVIDE 90° STANDARD HOOK.
4. HORIZONTAL WALL REINFORCING SHALL CONTINUE THRU LINTELS. WHERE BOTH HORIZONTAL WALL REINFORCING AND LINTEL REINFORCING OCCUR IN THE SAME COURSE, USE THE LARGER REINFORCEMENT.
5. DOWEL VERTICAL REINFORCING OF WALL ABOVE LINTEL INTO THE FULL DEPTH OF LINTEL OR 48 BAR DIAMETERS, WHICHEVER IS LESS.

SEAL
REGISTERED PROFESSIONAL ENGINEER
NO. 275617
BRIAN G. LYON
3/31/25
STATE OF UTAH

ALLIANCE CONSULTING ENGINEERS
150 EAST 200 NORTH, SUITE P
LOGAN, UTAH 84321
(435)755-5121
allianceengr@qwestoffice.net

CONFIDENTIALITY AND COPYRIGHT NOTICE
UNAUTHORIZED USE, DISCLOSURE, OR COPYING OF THIS DRAWING IS PROHIBITED.
CONSTRUCTION DOCUMENTS THAT ARE DISTRIBUTED FOR BIDDING PURPOSES SHALL NOT BE RETURNED AND SHALL BE DESTROYED WITHIN 30 DAYS AFTER THE BID OPENING BY THE PLAN HOLDER.
COPYRIGHT 2005

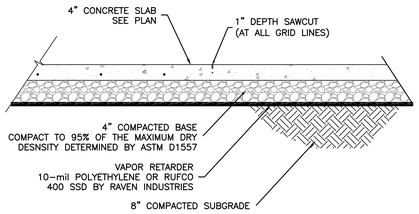
No.	REVISIONS / SUBMISSIONS	DATE

REVIEWED : DRAWN :
CAD FILE : PROJECT NO. :

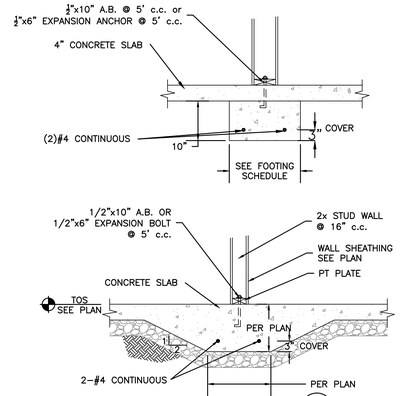
PROJECT TITLE: JESS ANDERSEN HOME
LOGAN, UTAH

DRAWING TITLE: ROOF FRAMING PLAN

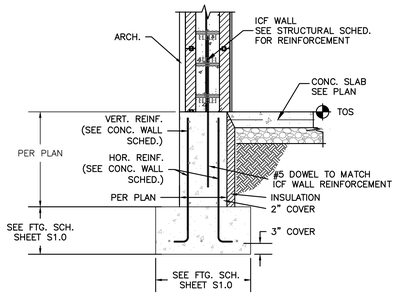
DATE :
DRAWING No. S2.0



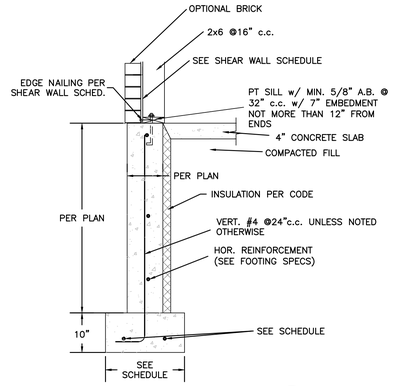
SLAB DETAIL (A / 3.0)
N.T.S.



INTERIOR FOOTING DETAIL (B / 3.0)
N.T.S.



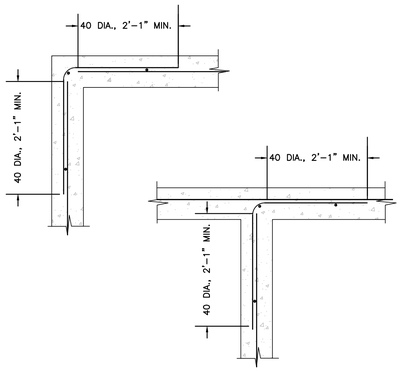
FOOTING DETAIL (C / 3.0)
N.T.S.



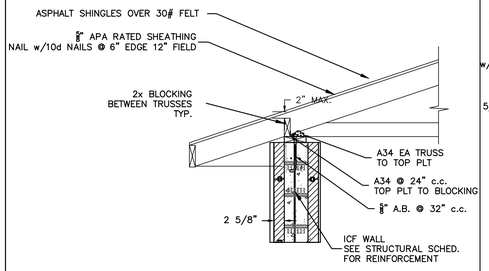
FOOTING DETAIL (D / 3.0)
N.T.S.

NOT USED

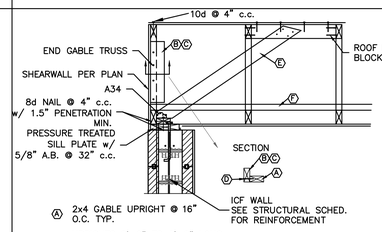
FOOTING DETAIL (E / 3.0)
N.T.S.



TYP. CORNER REINFORCEMENT (F / 3.0)
N.T.S.



DETAIL (G / 3.0)
N.T.S.



(A) 2x4 GABLE UPRIGHT @ 16" O.C. TYP.

(B) UPRIGHTS 6'-0" TO 8'-6" LONG. 2x4 PROVIDED BY CONTRACTOR-NO SPLICES.

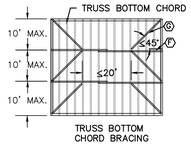
(C) UPRIGHTS 8'-7" TO 12'-0" LONG. 2x6 PROVIDED BY CONTRACTOR-NO SPLICES.

(D) (2)10d EACH END OF BRACE, 10d @ 16" O.C. ENTIRE LENGTH OF BRACE.

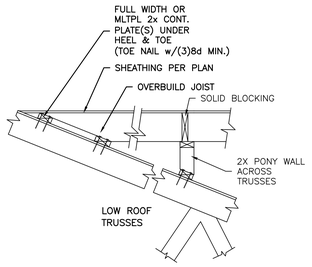
(E) 2x4 DIAGONAL BRACE TO ROOF DIAPHRAM BLOCKING AT 10' c.c. OR LESS

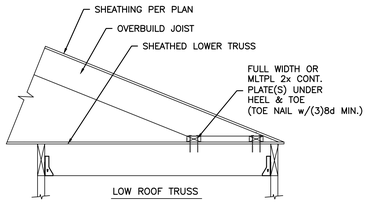
(F) LATERAL RESTRAINT 2x4x12' OR GREATER LAPPED OVER TWO TRUSSES AT 10' c.c. OR LESS. ATTACH LATERAL RESTRAINT TO EACH TRUSS.

(G) DIAGONAL BRACING. ATTACH TO EACH TRUSS



TRUSS DETAIL (H / 3.0)
N.T.S.





OVERBUILD SCHEDULE

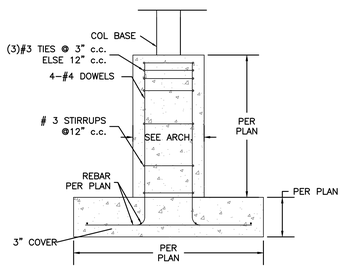
JOIST AND SPACING DF #2 OR BETTER		MAX ALLOWABLE SPAN SNOW LOAD 30 PSF	40 PSF	50 PSF	60 PSF	80 PSF	100 PSF
2X6	24" O.C.	8'-0"	7'-6"	6'-6"	6'-0"	5'-0"	4'-6"
	16" O.C.	DO NOT EXCEED 8'-0" BETWEEN SUPPORTS		8'-0"	7'-6"	6'-6"	6'-0"
2X8	24" O.C.				8'-0"	7'-6"	6'-6"
	16" O.C.					8'-0"	7'-6"

NOTE: FOR OVERBUILD RIDGE & HIP BMS USE (1) MBR ONE SIZE LARGER

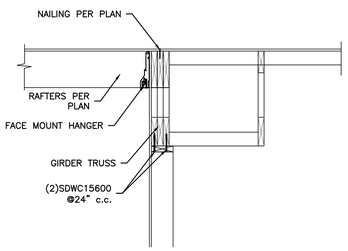
OVERBUILD DETAIL (I / 3.0)
N.T.S.

NOT USED

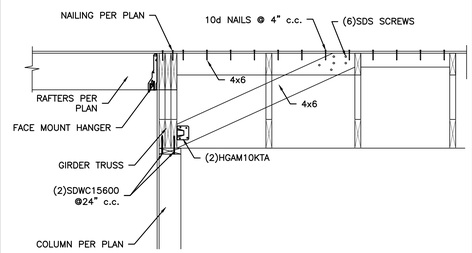
FRAMING DETAIL (J / 3.0)
N.T.S.



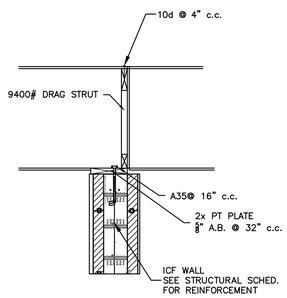
DETAIL (K / 3.0)
N.T.S.



DETAIL (L / 3.0)
N.T.S.



DETAIL (M / 3.0)
N.T.S.



DETAIL (N / 3.0)
N.T.S.

SEAL
REGISTERED PROFESSIONAL ENGINEER
NO. 275617
BRIAN G. LYON
3/31/25
STATE OF UTAH

ALLIANCE CONSULTING ENGINEERS
150 EAST 200 NORTH, SUITE P
LOGAN, UTAH 84321
(435)755-5121
allianceengr@qwestoffice.net

CONFIDENTIALITY AND COPYRIGHT NOTICE
UNAUTHORIZED USE, DISCLOSURE, OR COPYING OF THIS DRAWING IS PROHIBITED.
CONSTRUCTION DOCUMENTS THAT ARE DISTRIBUTED FOR BIDDING PURPOSES SHALL NOT BE RETURNED AND SHALL BE DESTROYED WITHIN 30 DAYS AFTER THE BID OPENING BY THE PLAN HOLDER.
COPYRIGHT 2005

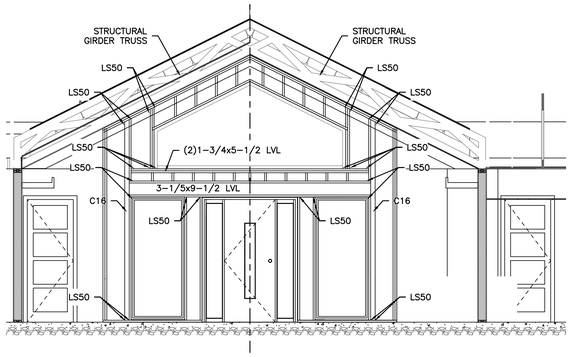
No.	REVISIONS/ SUBMISSIONS	DATE

REVIEWED :
DRAWN :
CAD FILE :
PROJECT NO. :

PROJECT TITLE: JESS ANDERSEN HOME
LOGAN, UTAH

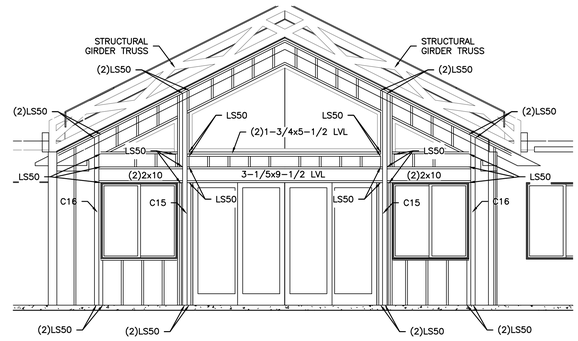
DRAWING TITLE: ROOF FRAMING PLAN

DATE :
DRAWING No. S2.1



FRAMING DETAIL
SCALE: 1/4"=1'

A
S3.1



FRAMING DETAIL
SCALE: 1/4"=1'

B
S3.1

STRUCTURAL SPECIFICATIONS

BASIS OF DESIGN

1. GOVERNING BUILDING CODE: 2021 IRC, 2021 IBC

2. GRAVITY LOADING
A. GENERAL ROOF... 40 PSF SNOW LOAD (ROOF) 15 PSF DEAD LOAD

B. FLOOR.... 40 PSF LIVE LOAD 10 PSF DEAD LOAD

3. EARTHQUAKE
A. SEISMIC USE GROUP 1
B. SEISMIC DESIGN CATEGORY D
C. SITE CLASS D
R=6.5

4. WIND
A. VELOCITY = 115 MPH (3-SEC GUST)
B. EXPOSURE = C
C. Iw = 1.0

5. FOOTING AND FOUNDATION

A. 3000 PSI 28 DAY COMPRESSIVE STRESS HAS BEEN USED IN THE FOOTING AND FOUNDATION DESIGN. LARGER PSI HAS BEEN SPECIFIED TO INSURE DURABILITY.

B. ALLOWABLE SOIL BEARING PRESSURE. 1500 PSF.
IBC TABLE 1804.2

CONCRETE AND REINFORCING

C1. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRESS AS FOLLOWS:
A. FOOTING AND FOUNDATIONS... 3000 PSI
B. INTERIOR AND EXTERIOR SLABS... 4000 PSI
C2. CONCRETE SHALL CONTAIN ENTRAINED AIR (6% +/- 1.5%)
C3. PROTECT CONCRETE IN HOT WEATHER AS PER ACI 306 AND COLD WEATHER AS PER ACI 305.
C4. SLABS: LARGE AREAS OF SLAB ON GRADE SHALL BE PLACED IN CHECKERBOARD FASHION AND SIZE SHALL NOT EXCEED 30 FEET IN ANY DIRECTION. CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE MADE IN SUCH A WAY THAT THE APPEARANCE AND STRENGTH OF THE SLAB IS NOT IMPAIRED. JOINTS IN THE SLABS MAY BE TOOL-MADE, SAW-CUT, OR ZIP-STRIP TYPES. JOINTS SHALL BE EVENLY SPACED, NOT FURTHER APART THAN 20 FEET.

C5. SLABS ON GRADE: REINFORCING STEEL SHALL BE ADEQUATELY SUPPORTED ON PRECAST CONCRETE UNITS, TO KEEP THE REINFORCING THE MINIMUM HEIGHT SPECIFIED ABOVE THE GRADE. LIFTING THE REINFORCING OFF THE GRADE DURING PLACEMENT OF THE CONCRETE WILL NOT BE PERMITTED. CRACK CONTROL BARS (2#4 X 5' LONG, TYPICALLY) SHALL BE PLACED IN THE SLAB AT ANY INTRUSION OR OPENING WHICH MAY ENCOURAGE CRACKING. 6 MIL VAPOR BARRIER IS DESIRABLE UNDER THE INTERIOR FLOOR SLABS.

C6. ALL SLEEVES NOT SPECIFICALLY SHOWN ON THE DRAWING SHALL BE LOCATED BY THE TRADES INVOLVED AND SHALL BE APPROVED BY THE ARCHITECT.
C7. ALL CONCRETE SHALL BE PROPERLY VIBRATED IN PLACE.
C8. FORMS: FORMS OR SHORING SHALL NOT BE REMOVED UNTIL CONCRETE HAS ACQUIRED SUFFICIENT STRENGTH TO SUPPORT SAFELY ITS OWN WEIGHT AND ANY LOAD TO WHICH IT MAY BE SUBJECTED BUT IN NO CASE SHALL THEY BE REMOVED SOONER THAN 24 HOURS AFTER THE CONCRETE IS PLACED.

C9. REINFORCING SHALL HAVE A MINIMUM CONCRETE COVERAGE AS FOLLOWS:
A. CAST AGAINST AND PERMANENTLY EXPOSED TO THE EARTH... 3"
B. EXPOSED TO EARTH OR WEATHER
6# AND LARGER... 2"
5# AND SMALLER... 1-1/2"
C. NOT EXPOSED TO EARTH OR WEATHER
SLABS, JOISTS, WALLS, #11 AND SMALLER... 3/4"
COLUMNS, BEAMS: MAIN REINFORCING OR TIES... 1-1/2"
D. SLABS ON GRADE
PLACE REINFORCING AT THE CENTER OF SLAB.

C11. UNLESS OTHERWISE NOTED ON THE DRAWINGS, WALL REINFORCING SHALL BE AS FOLLOWS:
MARK WALL THICKNESS WALL HEIGHT HORIZONTAL REINF VERTICAL REINF.

SEE SCHEDULES/NOTES

REINFORCING SHALL BE PLACED AT THE CENTER OF THE WALLS. (EXCEPT FOR WALLS THICKER THAN 10" AND WHERE SHOWN OTHERWISE.)

C12. ALL REINFORCING STEEL SHALL BE OF NEW STOCK DEFORMED BARS CONFORMING TO ASTM A-615 GRADE 60 UNLESS OTHERWISE NOTED.
C13. PLACEMENT OF REINFORCING SHALL BE IN ACCORDANCE WITH ACI 315 AND ACI 318.
C14. UNLESS OTHERWISE NOTED ALL REINFORCING SHOWN CONTINUOUS SHALL BE LAPPED 48 BAR DIAMETERS. ALL REBAR SPLICES SHALL BE MADE AWAY FROM LOCATIONS OF MAXIMUM STRESS.
C15. ALL VERTICAL REINFORCING SHALL BE DOWELED TO FOOTINGS OR TO THE STRUCTURE BELOW. DOWELS SHALL BE THE SAME SIZE AND AT THE SAME SPACING AS THE VERTICAL SPACING AS THE VERTICAL REINFORCING SCHEDULED FOR THE ELEMENT ABOVE. LAP SPLICE LENGTHS SHALL BE AS NOTED ABOVE OR AS SHOWN ON THE DRAWINGS. DOWELS ENDING INTO THE FOOTINGS SHALL TERMINATE WITH A STANDARD 90 DEGREE ACI HOOK AND SHALL EXTEND TO WITHIN 4" OF THE BOTTOM OF THE FOOTING.
C16. FIELD BENDING: REINFORCING STEEL SHALL NOT BE BENT OR STRAIGHTENED IN A MANNER WHICH WILL BE INJURIOUS TO THE CONCRETE OR REINFORCING STEEL.
C17. DO NOT WELD REINFORCING UNLESS NOTED ON THE PLANS. WHERE WELDING REINFORCING IS CALLED OUT ON THE PLAN, USE ASTM A-706 REINFORCING BARS OR REFER TO AWS D1.4
C18. ALL DOWELS FROM FOOTINGS SHALL HAVE AT LEAST 48 BAR DIAMETER EMBEDMENT INTO THE WALL IT IS SUPPORTING.
C19. PROVIDE CORNER BARS AT ALL INTERSECTING CORNERS. USE SAME SIZE BAR AND SPACING AS HORIZONTAL WALL REINFORCING.
C20. ADD 2 - #5 BARS AROUND ALL OPENINGS (UNLESS OTHERWISE NOTED) AND EXTEND 24" BEYOND CORNER OF OPENINGS.
C21. PROVIDE 2 #5 X 4'-0" DIAGONAL BARS AT THE CORNER OF ALL OPENINGS. DIAGONAL BARS SHALL BE CENTERED ON THE CORNER OF THE OPENING.
C22. PLACE ANCHOR BOLTS ACCORDING TO PLANS AND LOCATED WITHIN 12 INCHES FROM THE ENDS OF EACH PLATE SECTION.

WOOD

W1. UNLESS OTHERWISE NOTED ALL STRUCTURAL LUMBER (HEADERS, STUDS, AND BLOCKING ETC.) TO BE DOUGLAS FIR NO. 2.

W2. UNLESS OTHERWISE NOTED ALL NAILING OF FRAMED LUMBER SHALL BE AS PER 2015 RESIDENTIAL BUILDING CODE TABLE R602.3(1)

W3. ALL MICROLLAM BEAMS SHALL HAVE A MODULUS OF ELASTICITY OF 2.0E WITH AN Fb = 2600 PSI

W4. ALL BOLTS IN WOOD SHALL HAVE A WASHER BETWEEN WOOD AND NUT OR BOLT HEAD.

W5. UNLESS OTHERWISE NOTED ALL PLYWOOD DIAPHRAGMS AT WALLS, ROOFS AND FLOORS SHALL BE APA RATED EXTERIOR SHEATHING AND AS FOLLOWS: WALL SHEATHING 7/16" THICK (PI=24/0). ALL PLYWOOD EDGES MUST BE BLOCKED WITH A MINIMUM OF 2 X 4 BLOCKING SHEATHING TO EXTEND FROM FLOOR TO ROOF. WALL NAILING (UNLESS OTHERWISE NOTED ON DRAWINGS) NAIL WITH 0.131ø P-NAIL WITH MINIMUM EMBEDMENT OF 1-3/8" INCHES @ AT 4" o/c AT ALL PANEL EDGES AND 0.131ø P-NAIL WITH MINIMUM EMBEDMENT OF 1-3/8" INCHES @ 12" o/c AT ALL OTHER INTERMEDIATE FRAMING.
ROOF SHEATHING, 19/32" THICK (PI=32/16) SEE PLAN. ROOF NAILING (UNLESS OTHERWISE NOTED ON DRAWINGS) WITH 10d NAILS AT 6" O.C. AT PANEL EDGES AND DIAPHRAM BOUNDARY. USE 10d NAILS AT 12 O.C. AT ALL OTHER INTERMEDIATE FRAMING.
FLOOR SHEATHING, 7/8" THICK (PI=48/24) APA RATED SHEATHING. FLOOR NAILING (UNLESS OTHERWISE NOTED ON DRAWINGS) WITH 10d NAILS AT 6" O.C. AT PANEL EDGES AND DIAPHRAM BOUNDARY. USE 10d NAILS AT 12 O.C. AT ALL OTHER INTERMEDIATE FRAMING.

(P-NAILS REFERS TO NAILS DRIVEN WITH PNEUMATIC OR MECHANICAL DEVICES.)

W6. PLYWOOD SHEATHING ORIENTATION: PLACE FACE GRAIN PERPENDICULAR TO ROF JOISTS AND STUDS. STAGGER 4 FOOT SIDE JOINTS. BLOCK ALL PLYWOOD PANEL EDGES WITH 2 X 4 MINIMUM FLAT.

W7. OPENINGS: DOUBLE HEADER AND TRIMMER JOISTS SHALL BE PROVIDED AT OPENINGS WHERE JOISTS ARE CUT. JOIST HANGERS SHALL BE USED WHERE JOISTS FRAM INTO HEADERS OR WHERE HEADERS FRAME INTO TRIMMERS.

W8. PARTITIONS: JOISTS SHALL BE DOUBLED UNDER PARTITIONS PARALLEL WITH JOISTS.

W9. TOP PLATES: ALL WALLS HAVE A MINIMUM OF TWO TOP PLATES. TOP PLATES SHALL BE SPLICED BY OFFSETTING JOINTS IN THE PLATES A MINIMUM OF 4'-6" FEET AND NAILING THE LAPPED PLATES WITH 8-16d NAILS

W10. ALL MEMBERS FRAMING INTO THE SIDE OF HEADER OR STUD SHALL BE ATTACHED USING METAL JOIST HANGERS.

W11. PROVIDE SOLID BLOCKING BETWEEN TRUSSES AT ALL BEARING LOCATIONS.

W12. PREFABRICATED WOOD PRODUCTS SHALL BE INSTALLED AS PER MANUFACTURES RECOMMENDATIONS. ALL PREFABRICATED WOOD JOISTS SHALL BEAR ON THE CENTER OF THE BEARING WALL. ALL PREFABRICATED WOOD PRODUCTS SHALL BE ICBO CERTIFIED.

W13. ALL WOOD STUDS AT EXTERIOR WALLS, BEARING WALLS & INTERIOR SHEAR WALLS SHALL BE CONTINUOUS FROM FLOOR TO ROOF PLYWOOD.
(DO NOT PUT A WALL ON TOP OF A WALL).

W14. ALL GLUE LAMINATED BEAMS SHALL BE DOUGLAS FIR (24F-V4 DF/DF). 1.8E MEMBERS SHALL MEET AITC SPECIFICATIONS.

W15. ALL SIMPSON HANGERS STRAPS ETC. SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.

W16. TRUSS MANUFACTURER SHALL SUBMIT TRUSS ERECTION AND SHOP DRAWINGS FOR REVIEW BY ENGINEER PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE TRUSS GEOMETRY, PLAN SHOWING JOIST LOCATIONS, DIMENSIONS, MEMBER SIZES, STRESSES, REACTIONS, GRADE OF LUMBER USED.

W17. ALL NAILS TO BE COMMON NAILS. FASTENERS OTHER THAN NAILS ARE NOT PERMITTED WITHOUT PRIOR APPROVAL FROM ENGINEER, AND
WHERE USED MUST FURNISH STRENGTH EQUAL TO THAT OF THE SPECIFIED NAILING.

W18. INSTALL SIMPSON H1 HOLDDOWN EVERY TRUSS UNLESS NOTED OTHERWISE.
W19. PROVIDE SOLID BLOCKING IN FLOORS TO TRANSFER COLUMN POINT LOADS THROUGH FOR (1-3/4x1-1/2",11-7/8", AND 14" LVL'S) TO MATCH FLOOR SYSTEM.
W20. PROVIDE TRIMMERS/STUDS UNDER BEARING ENDS OF GIRDER TRUSSES & BEAMS EQUIVALENT TO THE WIDTH OF THE MEMBER SUPPORTED, OR AS SPECIFIED ON FRAMING PLANS.

SEAL
REGISTERED PROFESSIONAL ENGINEER
NO. 275617
BRIAN G. LYON
3/31/25
STATE OF UTAH

ALLIANCE CONSULTING ENGINEERS
150 EAST 200 NORTH SUITE P
LOGAN, UTAH 84321
(435)755-5121
allianceengr@qwestoffice.net

CONFIDENTIALITY AND COPYRIGHT NOTICE
UNAUTHORIZED USE, DISCLOSURE, OR COPYING OF THIS DRAWING IS PROHIBITED.
CONSTRUCTION DOCUMENTS THAT ARE DISTRIBUTED FOR BIDDING OR CONSTRUCTION PURPOSES MUST BE DESTROYED WITHIN 30 DAYS AFTER THE BID OPENING BY THE PLAN HOLDER.
COPYRIGHT 2005

No.	REVISIONS/ SUBMISSIONS	DATE

REVIEWED : DRAWN :
CAD FILE : PROJECT NO. :

PROJECT TITLE
JESS ANDERSEN HOME
LOGAN, UTAH

DRAWING TITLE
STRUCTURAL SPECIFICATIONS/FRAMING DETAILS

DATE :
DRAWING No.
S3.1