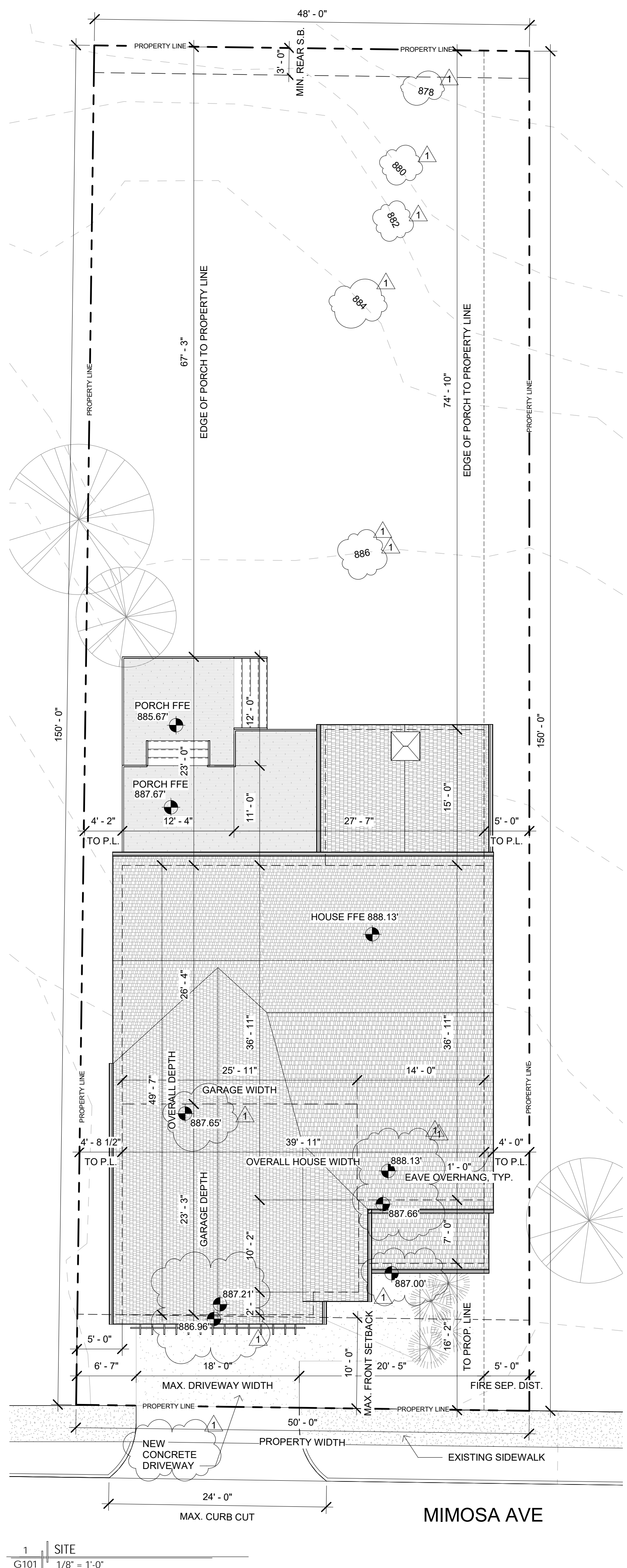




GENERAL SITE NOTES:

- SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER APPROVED POINT OF COLLECTION THAT DOES NOT CREATE A HAZARD. LOTS SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM THE FOUNDATION WALLS. THE GRADE SHALL FALL NOT FEWER THAN 6 INCHES WITHIN THE FIRST 10 FEET
- ALL SITE WORK TO BE DESIGNED AND COMPLETED BY OTHERS
- ALL FOOTERS AND FOUNDATION SUPPORTS TO BE POURED IN UNDISTURBED SOIL; IF REQUIRED TO BE PLACED ON DISTURBED SOIL, A STRUCTURAL ENGINEER SHOULD BE CONSULTED
- APPROX. TOPOGRAPHY LINES FROM KGIS, GEN. CONTRACTOR TO MANAGE GRADING, SOIL CHANGES, AND ANY OTHER SITE WORK
- SLOPE SOIL AWAY FROM HOUSE
- ALL SPOT ELEVATIONS ARE APPROXIMATIONS TO BE FIELD VERIFIED BY CONTRACTOR. FINISHED GRADE ON SITE TO SLOPE AWAY FROM HOUSE FOUNDATION.
- DIMENSIONS DEPICTED ON SITE PLAN ARE MEASURED FROM OUTSIDE FACE OF STRUCTURE.



515 MIMOSA AVENUE

PROJECT SUMMARY

NEW CONSTRUCTION SINGLE FAMILY RESIDENCE AT 515 MIMOSA AVENUE. THE PROGRAM INCLUDES A TWO-STORY CONDITIONED AREA OF 2,727 SF, 2-CAR GARAGE WITH ACCESS OFF EXISTING MIMOSA AVENUE AND A CRAWLSPACE.

SITE INFO:
 A. LOT SIZE: = 0.17 ACRES (= 7,350 SF)
 B. PARCEL ID: 109AB008
 C. ZONING DISTRICT: SW-3
 D. CITY BLOCK: 26222
 E. OWNER: GORDON AND STACY SAVAGE

CONSTRUCTION TYPE: SLAB ON GRADE + CRAWLSPACE: TYPE V-B CONSTRUCTION

BUILDING DESCRIPTION:

- SLAB ON GRADE @ GARAGE & FRONT OF HOUSE + CRAWL SPACE @ BACK OF HOUSE
- OPEN WEB FLOOR TRUSSES (FINAL SIZE & DESIGN TBD BY TRUSS MANUF.)
- PREFAB. ROOF TRUSSES (FINAL SIZE & DESIGN TBD BY TRUSS MANUF.)
- ASPHALT ROOFING THROUGHOUT
- BOARD AND BATTEN & BRICK VENEER FINISH
- CLAPBOARD & VERTICAL WOOD-LIKE SIDING
- ALUMINUM WINDOWS & EXTERIOR DOORS

UTILITIES: WATER, ELECTRICITY, SEWAGE, GAS: COORDINATE UTILITIES W/ KUB

MECHANICAL: MECHANICAL SYSTEM TBD BY MECH. SUB OR ENGINEER AND APPROVED IN FIELD BY KNOXVILLE CODES INSPECTIONS

STRUCTURAL: ALL FRAMING MEMBERS, ROOF TRUSSES, FLOOR TRUSSES, AND BEAMS - SPAN, DIRECTION, SIZING, CONNECTIONS, AND SUPPORTS - TO BE DESIGNED, DRAWN, AND SPECIFIED BY MANUFACTURER IN FRAMING PACKAGE

CODES & ZONING

DIMENSIONAL STANDARDS FOR SW-3 ZONING		REQUIREMENT	PROVIDED
FRONT SETBACK (S.B.):	10' MAX	10'	10'
FRONTAGE @ S.B.:	40% MIN	79.8%	79.8%
SIDE SETBACK:	25' MAX	5' + 4'-8"	5' + 4'-8"
REAR SETBACK:	3' MIN	3'	3'
LOT SIZE:	3 ACRES MAX	0.17 ACRES	0.17 ACRES
BLDG. COVERAGE:	80% MAX	41.6% (3,060 SF)	41.6% (3,060 SF)
OPEN SPACE COV.:	20% MIN	58.4%	58.4%
BUILDING HEIGHT:	25' & 2 STORIES	2 STORIES & ATTIC; 26'-8"	2 STORIES & ATTIC; 26'-8"
F.A.R.:	4 MAX	0.6 (4,407.72 GFA / 7350 SF)	0.6 (4,407.72 GFA / 7350 SF)

PARKING
 MINIMUM REQUIRED: 2 PER DU
 MAXIMUM ALLOWED: 2 PARKING SPACES PER RESIDENTIAL UNIT
TOTAL PROVIDED: 2 PARKING SPACES

OCCUPANCY: SINGLE FAMILY RESIDENTIAL

APPLICABLE CODES
 2018 INTERNATIONAL RESIDENTIAL CODE
 2018 INTERNATIONAL FIRE CODE
 2018 INTERNATIONAL PLUMBING CODE
 2018 INTERNATIONAL MECHANICAL CODE
 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 CITY OF KNOXVILLE ZONING CODE

DRAWING INDEX

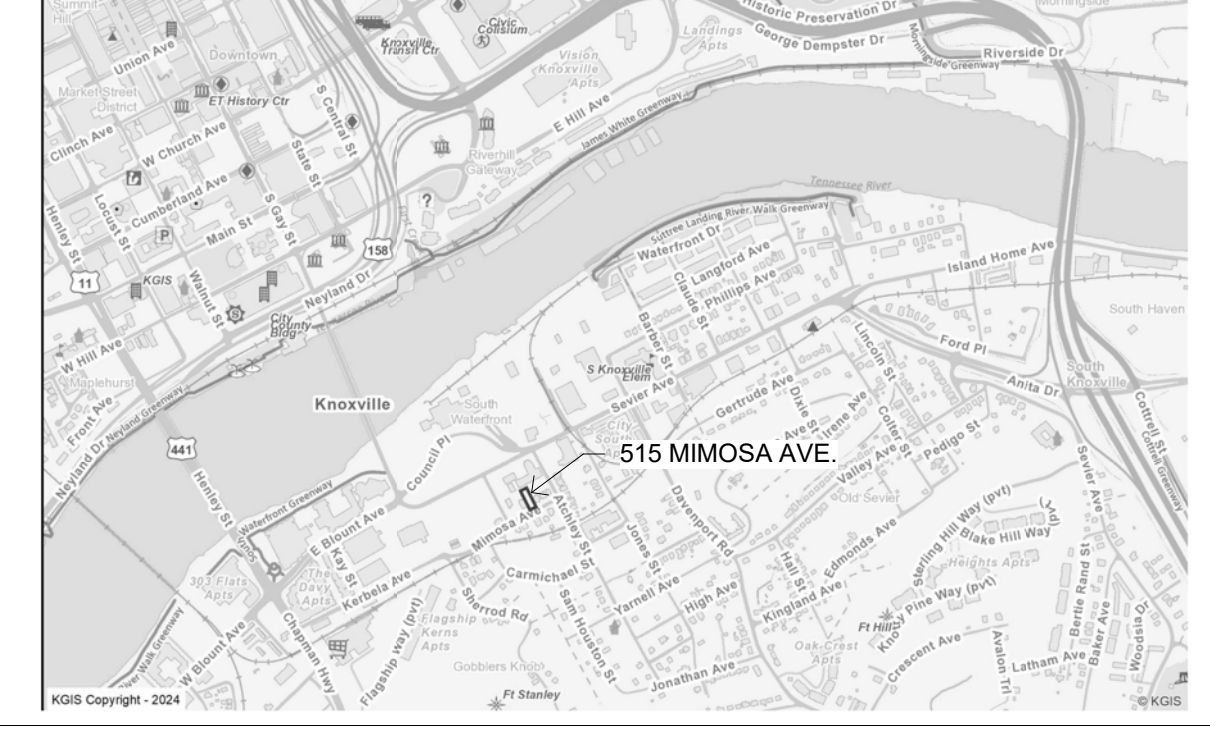
NO.	NAME	NOMBRE	REV.
G101	COVER	PORTADA	1
G102	TDOT STANDARDS	PLANO DE REGISTRO	
G103	GENERAL NOTES	NOTAS GENERALES	
A001	FOUNDATION PLANS	PLANOS DE CIMENTACION	
A101	GROUND FLOOR PLANS	PLANOS PRIMER NIVEL	1
A102	SECOND FLOOR PLANS	PLANOS SEGUNDO NIVEL	1
A201	ELEVATIONS	ELEVACIONES NE	
A202	ELEVATIONS	ELEVACIONES SE	
A301	SECTIONS + DETAILS	SECCIONES + DETALLES	
A601	SCHEDULE + DIAGRAMS	LISTAS + DIAGRAMAS	1
A701	STRUCTURAL DIAGRAMS	NOTAS ESTRUCTURALES GENERALES	
A702	GEN. STRUCT. NOTES	NOTAS ESTRUCTURALES GENERALES	

CONTACTS

OWNER:
 GORDON AND STACY SAVAGE
 blkn192@gmail.com / stacysavage2@icloud.com

PROJECT ARCHITECT:
 HEYOH DESIGN & DEVELOPMENT, LLC.
 LOGAN HIGGINS
 LICENSE # 106363
 133c S Gay Street, Knoxville, TN 37902
 OFFICE PHONE: 865-236-0430
 EMAIL: admin@heyohdesign.com

VICINITY MAP



REVISION	
No.	REVISION
1	REVIEW CYCLE 1

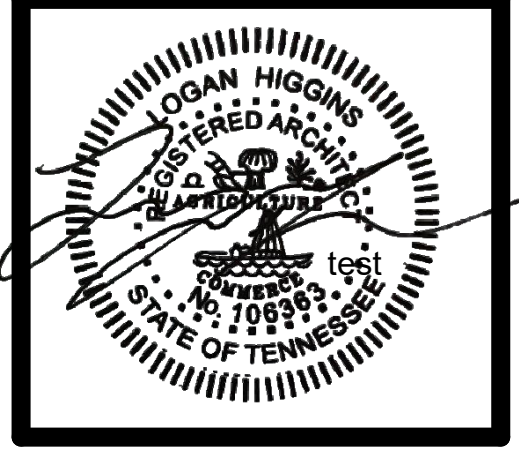
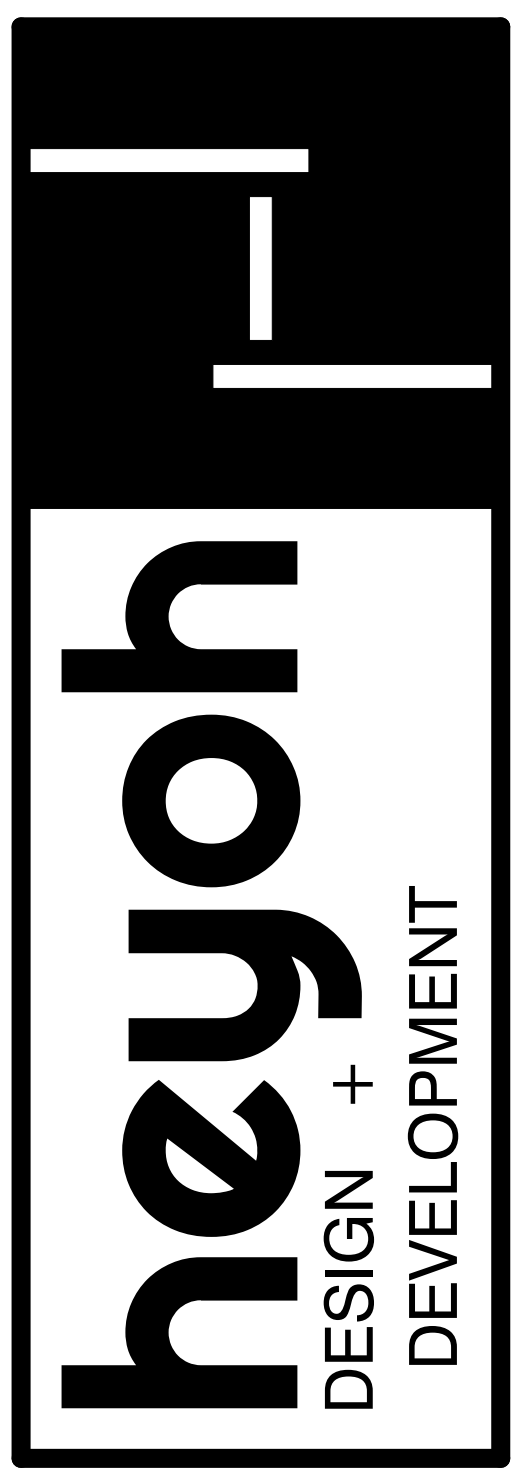
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
 GORDON + STACY SAVAGE

Info:
 NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location:
 515 MIMOSA AVENUE
 KNOXVILLE, TN 37920



CHECKED BY: SRD/LH
 DRAWN BY: AL/SRD
 11.19.2024
 1/8" = 1'-0"

SHEET
G101
 1 OF 12
 COVER

A B C D E F G H I J K L M N O P Q R S T U V

A B C D E F G H I J K L M N O P Q R S T U V

REVISION	
No.	REVISION

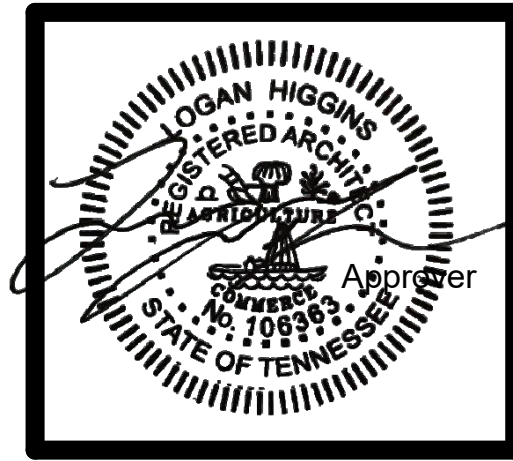
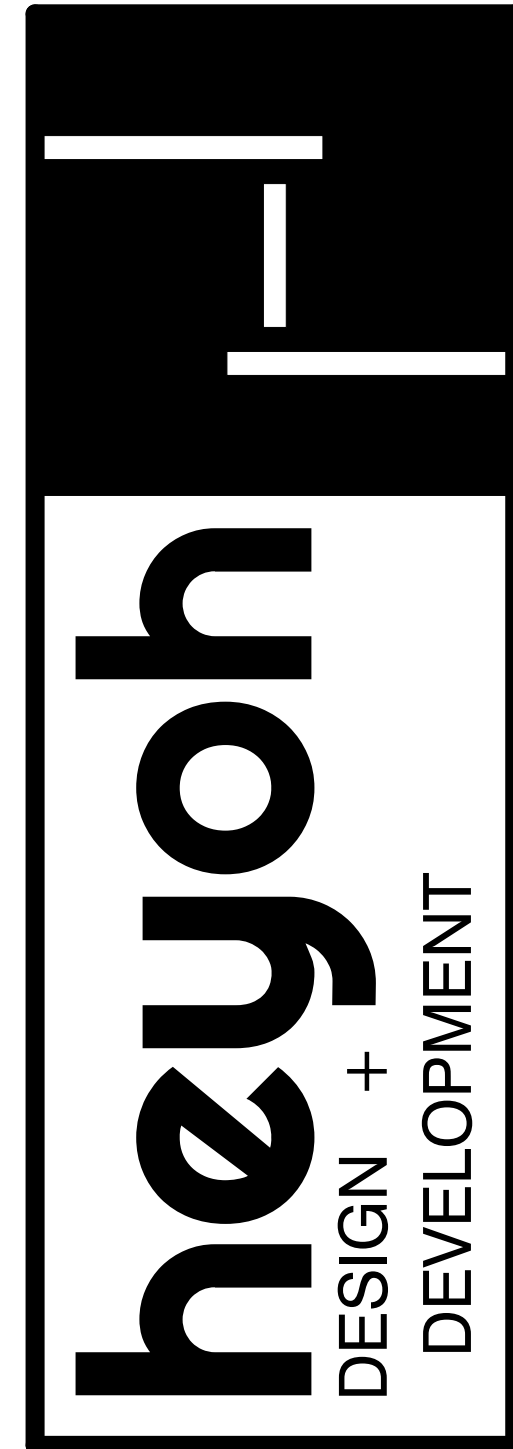
Project:
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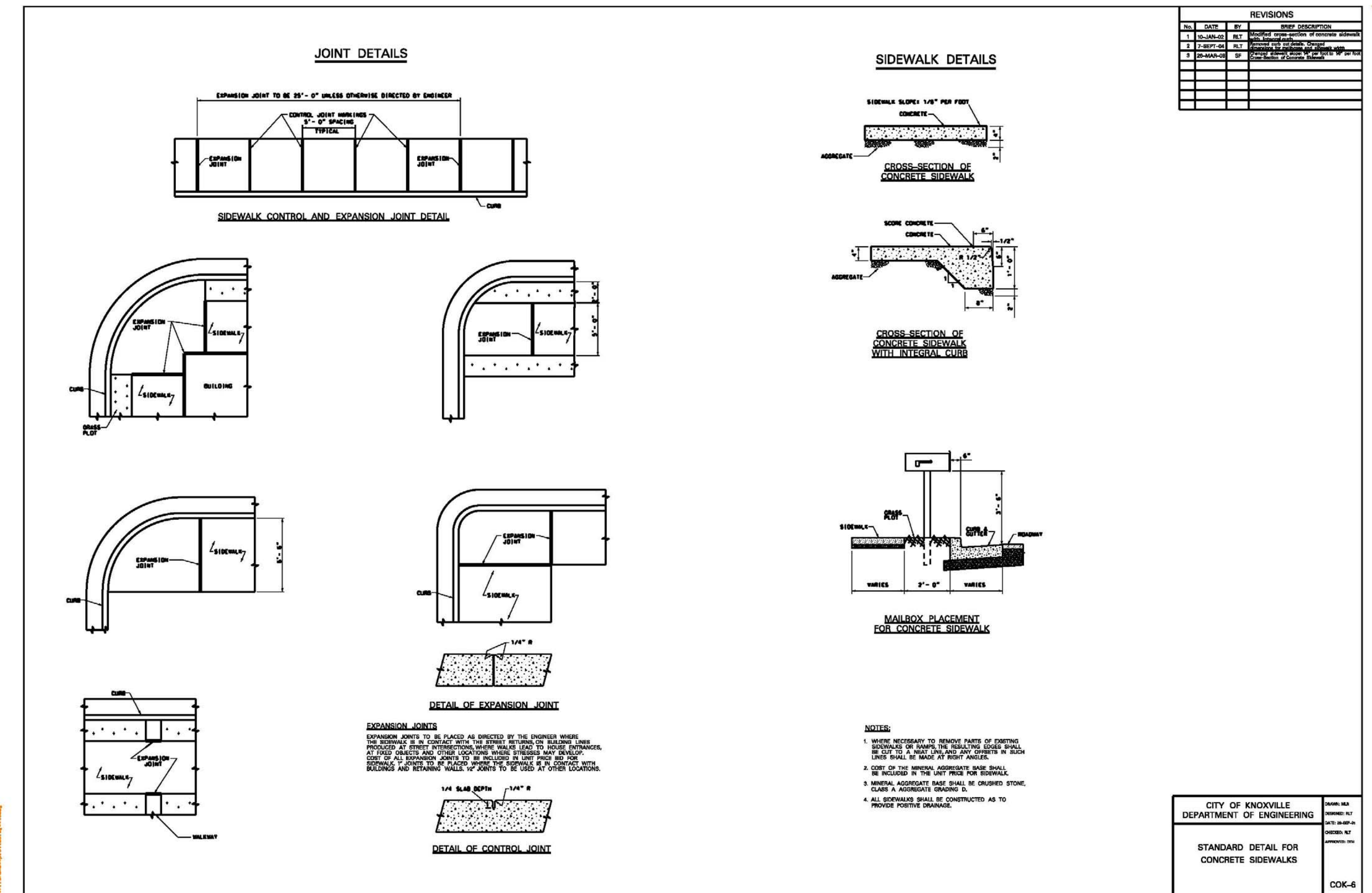
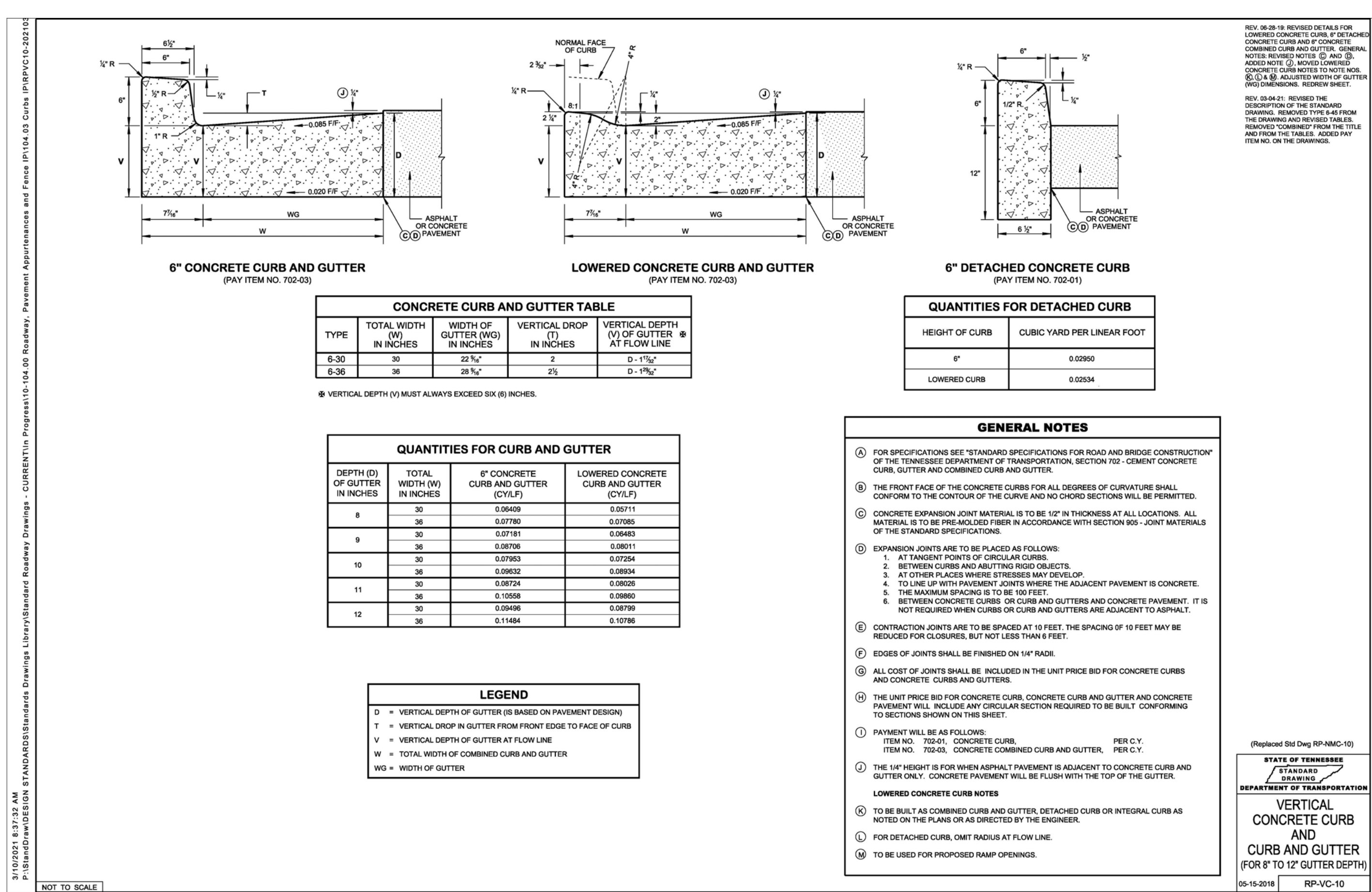
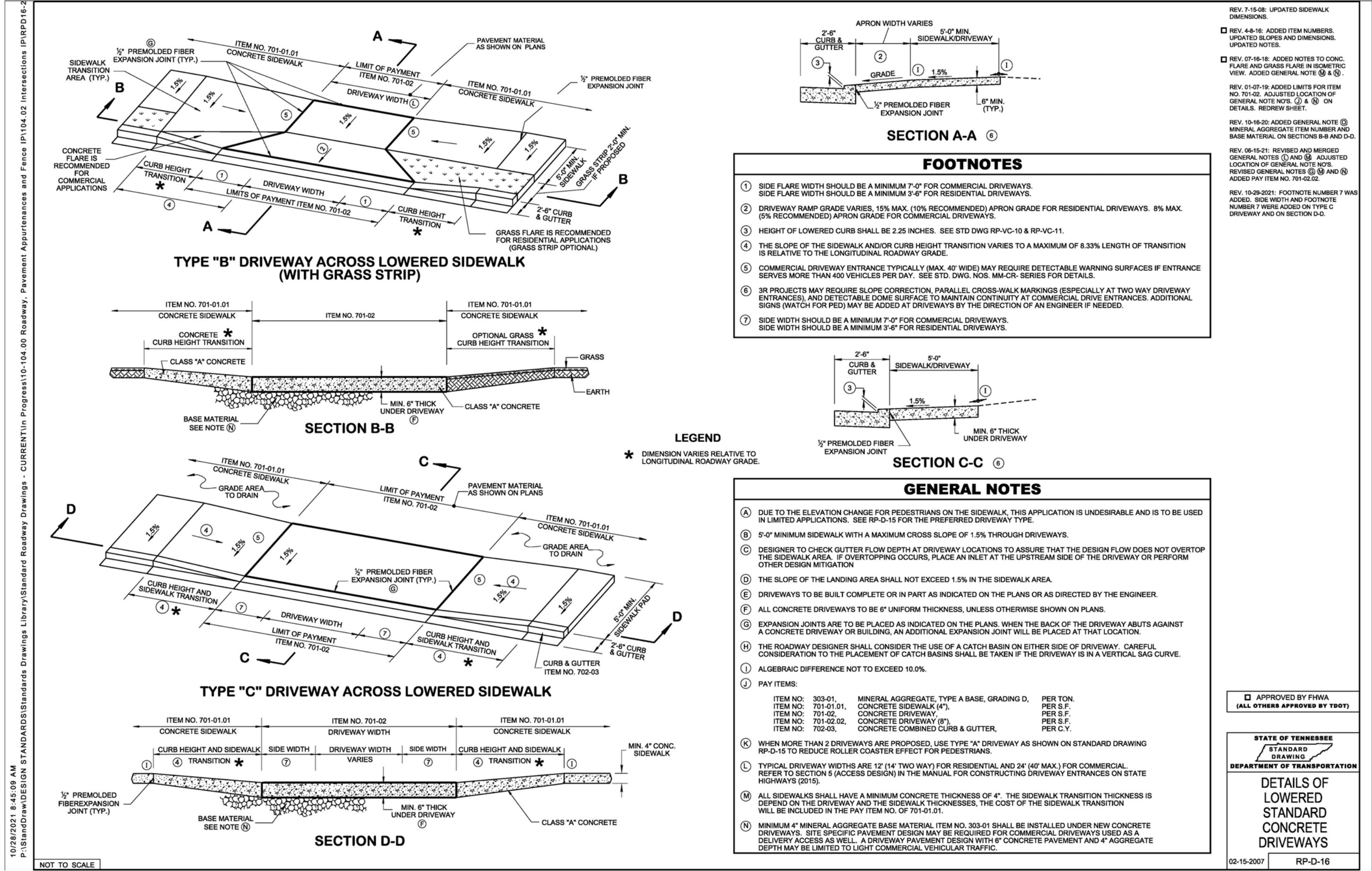
Info:
 NEW CONSTRUCTION
 SINGLE FAMILY RESIDENCE

Location:
 515 MIMOSA AVENUE
 KNOXVILLE, TN 37920



CHECKED BY: SRD/LH
 DRAWN BY: AL/SRD
 10.30.2024

SHEET
G102
 2 OF 12
 TDOT
 STANDARDS



FOR REFERENCE ONLY
 NOT TO SCALE

FOUNDATION / SITE NOTES:

- ALL SITE WORK TO BE DESIGNED AND COMPLETED BY OTHERS
- ALL FOOTERS AND FOUNDATION SUPPORTS TO BE POURED IN UNDISTURBED SOIL; IF REQUIRED TO BE PLACED ON DISTURBED SOIL, A STRUCTURAL ENGINEER SHOULD BE CONSULTED
- ANY SOIL-RETAINING WALL OVER 2'-0" SHOULD BE DESIGNED BY STRUCTURAL ENGINEER
- ALL FOUNDATION DRAWINGS ARE BASED ON A SLAB ON GRADE DESIGN WITH CRAWLSPACES IN REAR;
- CONSULT THE ARCHITECT IF CHANGES ARE NECESSARY
- ALL ELEVATION MARKERS ARE APPROXIMATIONS; VERIFY IN FIELD.
- ALL FOOTING AND REBAR SPECIFICATIONS ARE RECOMMENDATIONS; ADHERE TO CODE.

UNDERFLOOR SPACE NOTES:

R408.3 UNVENTED CRAWL SPACE:

1. VENTILATION OPENINGS IN UNDER-FLOOR SPACES SPECIFIED IN SECTIONS R408.1 AND R408.2 SHALL NOT BE REQUIRED WHERE THE FOLLOWING ITEMS ARE PROVIDED:

A. EXPOSED EARTH IS COVERED WITH A CONTINUOUS CLASS I VAPOR RETARDER. JOINTS OF THE VAPOR RETARDER SHALL OVERLAP BY 6 INCHES (152 MM) AND SHALL BE SEALED OR TAPED. THE EDGES OF THE VAPOR RETARDER SHALL EXTEND NOT LESS THAN 6 INCHES (152 MM) UP THE STEM WALL AND SHALL BE ATTACHED AND SEALED TO THE STEM WALL OR INSULATION.

B. ONE OF THE FOLLOWING IS PROVIDED FOR THE UNDER-FLOOR SPACE:

A. CONTINUOUSLY OPERATED MECHANICAL EXHAUST VENTILATION AT A RATE EQUAL TO 1 CUBIC FOOT PER MINUTE (0.47 L/S) FOR EACH 50 SQUARE FEET (4.7 M2) OF CRAWL SPACE FLOOR AREA, INCLUDING AN AIR PATHWAY TO THE COMMON AREA (SUCH AS A DUCT OR TRANSFER GRILLE), AND PERIMETER WALLS INSULATED IN ACCORDANCE WITH SECTION N1102.2.11 OF THIS CODE.

B. CONDITIONED AIR SUPPLY SIZED TO DELIVER AT A RATE EQUAL TO 1 CUBIC FOOT PER MINUTE (0.47 L/S) FOR EACH 50 SQUARE FEET (4.7 M2) OF UNDER-FLOOR AREA, INCLUDING A RETURN AIR PATHWAY TO THE COMMON AREA (SUCH AS A DUCT OR TRANSFER GRILLE), AND PERIMETER WALLS INSULATED IN ACCORDANCE WITH SECTION N1102.2.11 OF THIS CODE.

C. PLENUM IN EXISTING STRUCTURES COMPLYING WITH SECTION M1601.5, IF UNDER-FLOOR SPACE IS USED AS A PLENUM.

D. DEHUMIDIFICATION SIZED TO PROVIDE 70 PINTS (33 LITERS) OF MOISTURE REMOVAL PER DAY FOR EVERY 1,000 SQUARE FEET (93 M2) OF CRAWL SPACE FLOOR AREA.

R408.4 ACCESS: ACCESS SHALL BE PROVIDED TO ALL UNDER-FLOOR SPACES. ACCESS OPENINGS THROUGH THE FLOOR SHALL BE NOT SMALLER THAN 18 INCHES BY 24 INCHES (457 MM BY 610 MM), OPENINGS THROUGH A PERIMETER WALL SHALL BE NOT LESS THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM). WHERE ANY PORTION OF THE THROUGH-WALL ACCESS IS BELOW GRADE, AN AREAWAY NOT LESS THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM) SHALL BE PROVIDED. THE BOTTOM OF THE AREAWAY SHALL BE BELOW THE THRESHOLD OF THE ACCESS OPENING. THROUGH WALL ACCESS OPENINGS SHALL NOT BE LOCATED UNDER A DOOR TO THE RESIDENCE. SEE SECTION M1305.1.4 FOR ACCESS REQUIREMENTS WHERE MECHANICAL EQUIPMENT IS LOCATED UNDER FLOORS.

RADON CONTROL METHODS (IRC 2018 APPENDIX F):

A. NEW DWELLING UNITS SHALL BE PROVIDED WITH A RADON MITIGATION SYSTEM IN ACCORDANCE WITH 2018 IRC APPENDIX F-RADON CONTROL METHODS.

B. A LAYER OF GAS-PERMEABLE MATERIAL SHALL BE PLACED UNDER ALL CONCRETE SLABS AND OTHER FLOOR SYSTEMS THAT DIRECTLY CONTACT THE GROUND AND ARE WITHIN THE WALLS OF THE LIVING SPACES OF THE BUILDING, TO FACILITATE FUTURE INSTALLATION OF A SUBSLAB DEPRESSURIZATION SYSTEM, IF NEEDED. THE GAS-PERMEABLE LAYER SHALL CONSIST OF ONE OF THE FOLLOWING:

- A UNIFORM LAYER OF CLEAN AGGREGATE, NOT LESS THAN 4 INCHES (102 MM) THICK. THE AGGREGATE SHALL CONSIST OF MATERIAL THAT WILL PASS THROUGH A 2-INCH (51 MM) SIEVE AND BE RETAINED BY A 1/4-INCH (6.4 MM) SIEVE.
- A UNIFORM LAYER OF SAND (NATIVE OR FILL), NOT LESS THAN 4 INCHES (102 MM) THICK, OVERLAIN BY A LAYER OR STRIPS OF GEOTEXTILE DRAINAGE MATTING DESIGNED TO ALLOW THE LATERAL FLOW OF SOIL GASES.
- OTHER MATERIALS, SYSTEMS OR FLOOR DESIGNS WITH DEMONSTRATED CAPABILITY TO PERMIT DEPRESSURIZATION ACROSS THE ENTIRE SUBFLOOR AREA.

C. A MINIMUM 3" ABS, PVC, OR EQUIVALENT GAS-TIGHT PIPE SHALL BE EMBEDDED VERTICALLY INTO THE SUBSLAB AGGREGATE OR OTHER PERMEABLE MATERIAL BEFORE THE SLAB IS CAST.

D. THE PIPE SHALL BE EXTENDED UP THROUGH THE BUILDING FLOORS, AND TERMINATE NOT LESS THAN 12 INCHES (305 MM) ABOVE THE SURFACE OF THE ROOF IN A LOCATION NOT LESS THAN 10 FEET (3048 MM) AWAY FROM ANY WINDOW OR OTHER OPENING INTO THE CONDITIONED SPACES OF THE BUILDING THAT IS LESS THAN 2 FEET (610 MM) BELOW THE EXHAUST POINT, AND 10 FEET (3048 MM) FROM ANY WINDOW OR OTHER OPENING IN ADJOINING OR ADJACENT BUILDINGS.

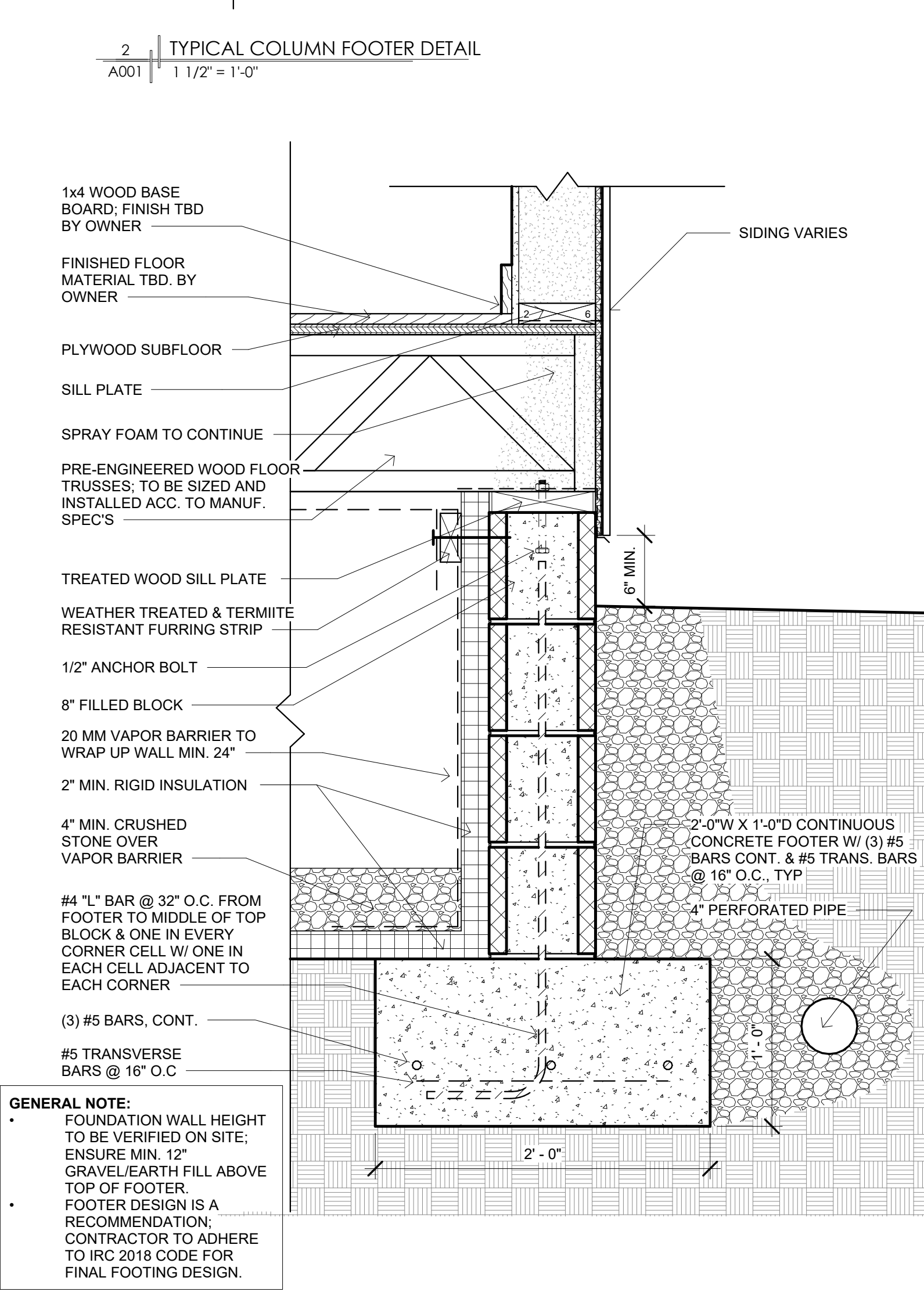
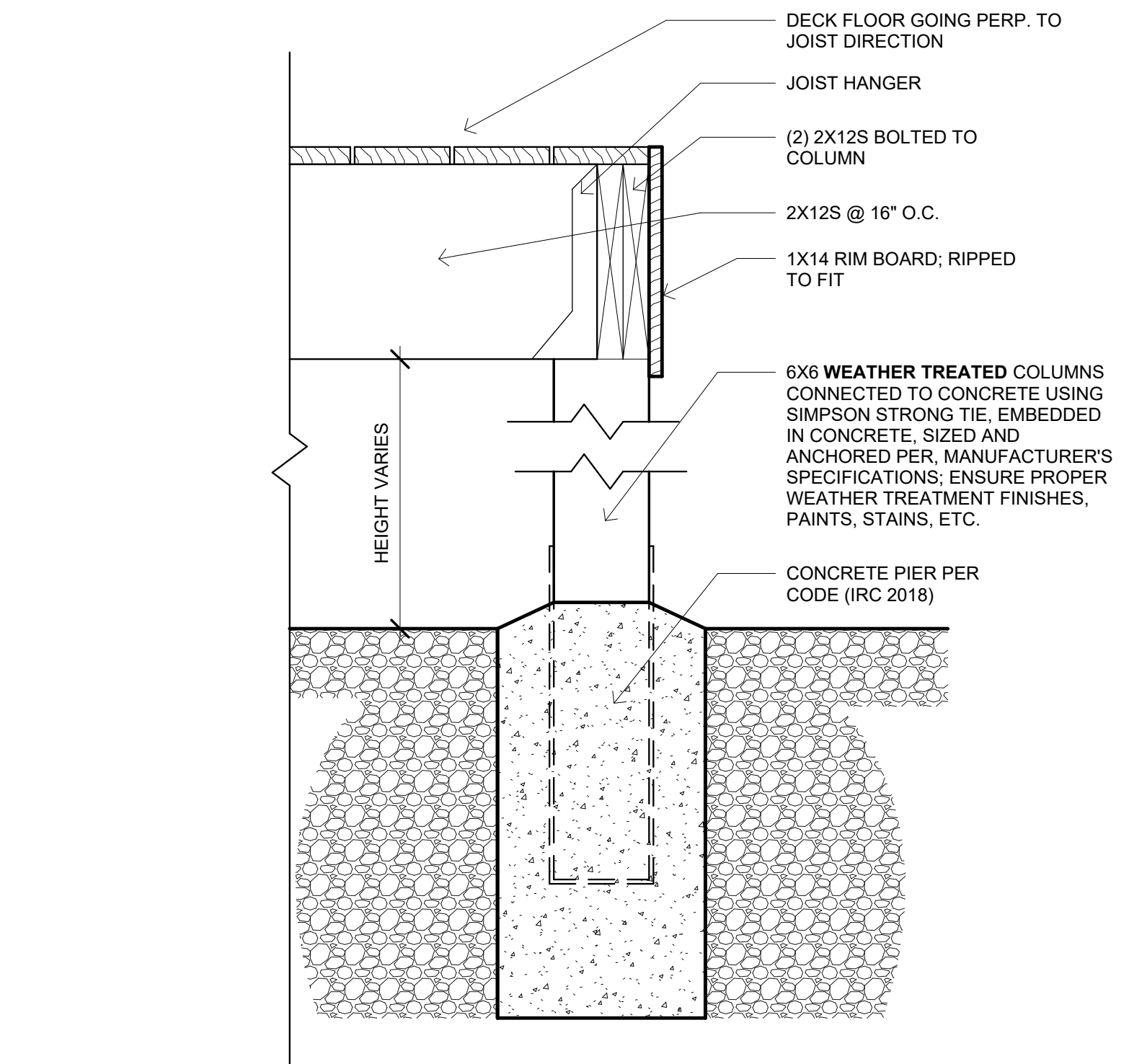
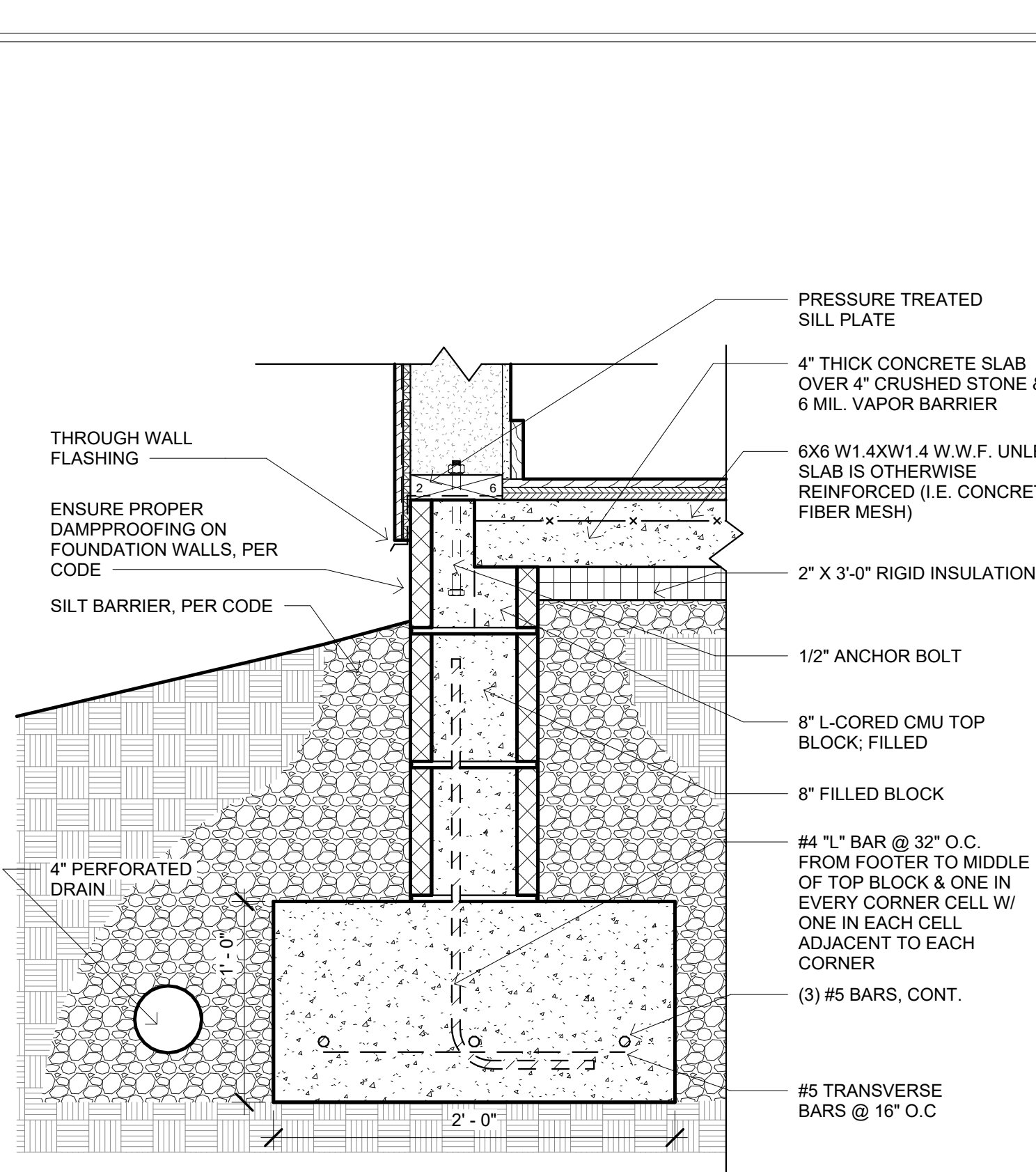
E. COMPONENTS OF THE RADON VENT PIPE SYSTEM SHALL BE INSTALLED TO PROVIDE POSITIVE DRAINAGE TO THE GROUND BENEATH THE SLAB OR SOIL.

F. RADON VENT PIPES SHALL BE ACCESSIBLE FOR FUTURE FAN INSTALLATION THROUGH AN ATTIC OR OTHER AREA OUTSIDE THE HABITABLE SPACE.

G. OPENINGS AROUND BATHTUBS, SHOWERS, WATER CLOSETS, PIPES, WIRES OR OTHER OBJECTS THAT PENETRATE CONCRETE SLABS, OR OTHER FLOOR ASSEMBLIES, SHALL BE FILLED WITH A POLYURETHANE CAULK OR EQUIVALENT SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

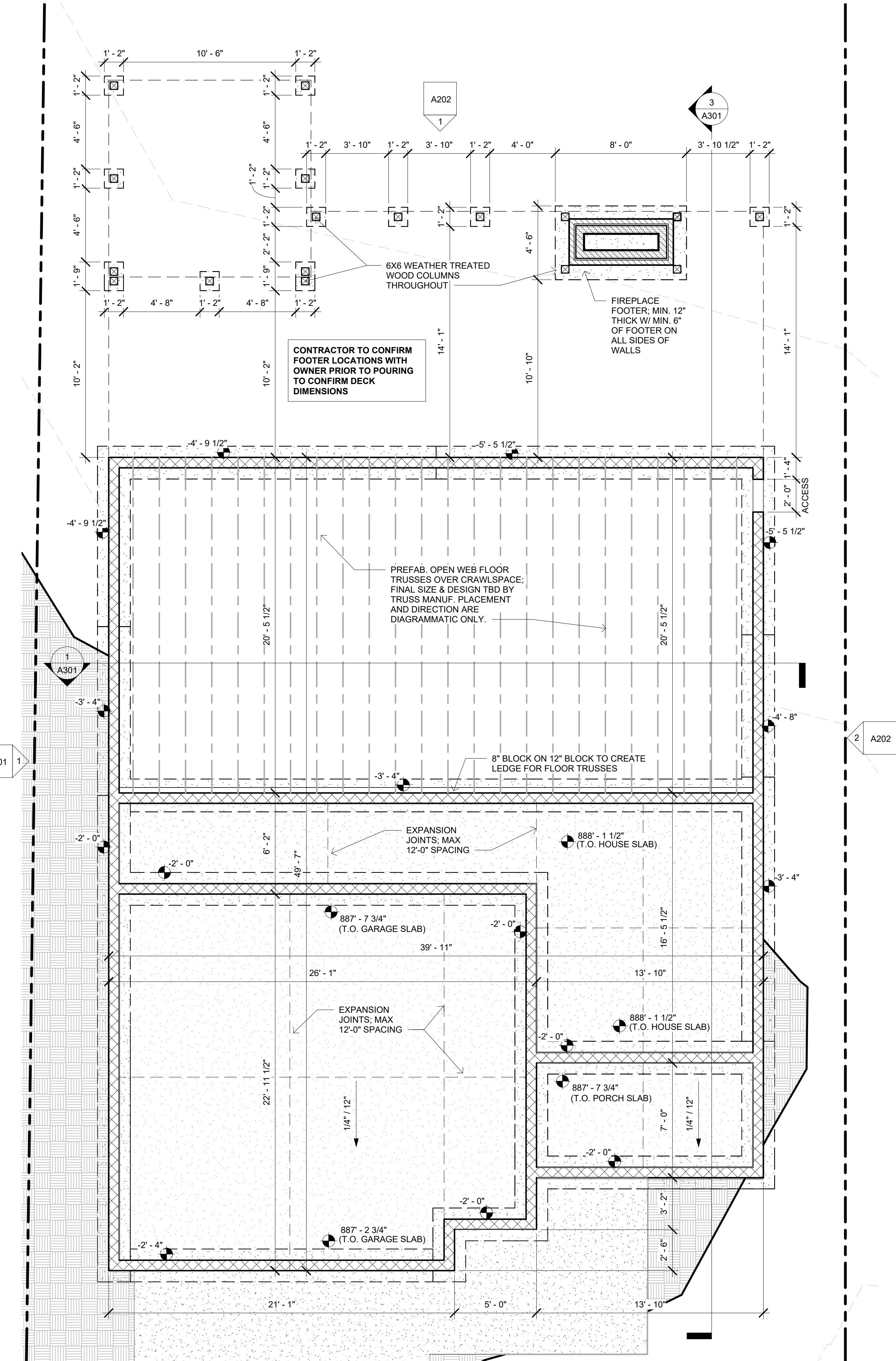
H. CONTROL JOINTS, ISOLATION JOINTS, CONSTRUCTION JOINTS, AND ANY OTHER JOINTS IN CONCRETE SLABS OR BETWEEN SLABS AND FOUNDATION WALLS SHALL BE SEALED WITH A CAULK OR SEALANT. GAPS AND JOINTS SHALL BE CLEARED OF LOOSE MATERIAL AND FILLED WITH POLYURETHANE CAULK OR OTHER ELASTOMERIC SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

I. CONTRACTOR TO ENSURE LOCATION OF VENT PIPE IN THE FIELD.



GENERAL NOTE:

- FOUNDATION WALL HEIGHT TO BE VERIFIED ON SITE;
- ENSURE MIN. 12" GRAVEL/EARTH FILL ABOVE TOP OF FOOTER.
- FOOTER DESIGN IS A RECOMMENDATION; CONTRACTOR TO ADHERE TO IRC 2018 CODE FOR FINAL FOOTING DESIGN.



REVISION	
No.	REVISION

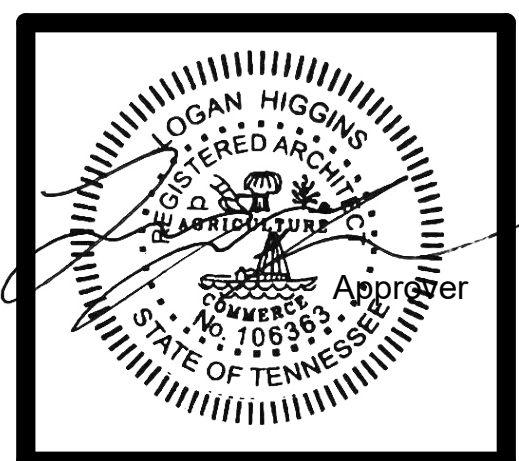
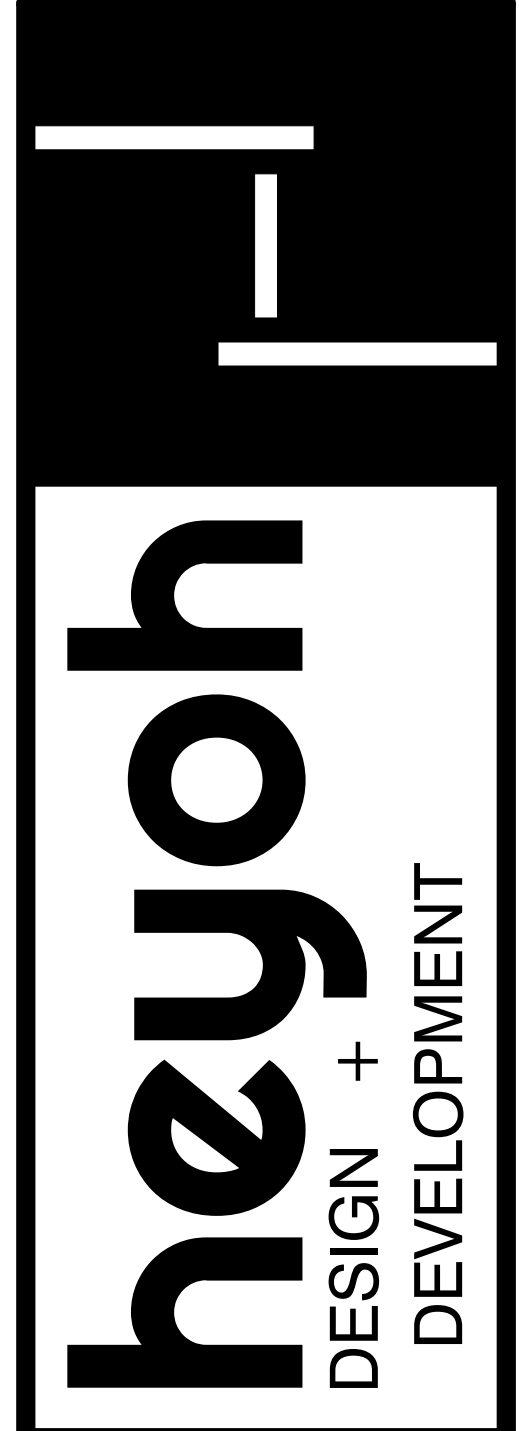
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
GORDON + STACY SAVAGE

Info:
NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location:
515 MIMOSA AVENUE
KNOXVILLE, TN 37920



CHECKED BY: SRD/LH
DRAWN BY: AL/SRD
10.30.2024
As indicated

SHEET
A001
4 OF 12
FOUNDATION PLANS

GENERAL NOTES:

A. EXTERIOR WINDOWS, DOORS, AND ADDITIONAL FENESTRATION IECC 2018 COMPLIANT FOLLOWING SECTION R402.1.5

B. ALL SLEEPING ROOM REQUIRED TO HAVE MIN. ONE EMERGENCY ESCAPE & RESCUE OPENING WITH MIN. 5.7 SF

C. ALL EXTERIOR WINDOW AND DOOR OPENINGS TO BE VERIFIED IN THE FIELD REVIEW DOCUMENTS, VERIFY DIMENSIONS AND FIELD CONDITIONS AND CONFIRM THAT WORK IS BUILDABLE AS SHOWN. REPORT ANY CONFLICTS OR OMISSIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO PERFORMING ANY WORK IN QUESTION.

D. SUBMIT REQUESTS FOR SUBSTITUTIONS, REVISIONS, OR CHANGES TO ARCHITECT FOR REVIEW PRIOR TO PURCHASE, FABRICATION, OR INSTALLATION.

E. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. IN CASE OF CONFLICT, CONSULT THE ARCHITECT.

F. ALL ELEVATION POINTS REFERENCE TOP OF STRUCTURE.

G. ELEVATION POINTS ON EACH FLOOR ARE CONSISTENT IN ALL UNITS.

H. ALL TOILETS NO CLOSER THAN 15" FROM CENTERLINE OF FIXTURE TO ANY WALL OR OTHER FIXTURE.

RADON CONTROL METHODS (IRC 2018 APPENDIX F):

A. NEW DWELLING UNITS SHALL BE PROVIDED WITH A RADON MITIGATION SYSTEM IN ACCORDANCE WITH 2018 IRC APPENDIX F-RADON CONTROL METHODS.

B. A LAYER OF GAS-PERMEABLE MATERIAL SHALL BE PLACED UNDER ALL CONCRETE SLABS AND OTHER FLOOR SYSTEMS THAT DIRECTLY CONTACT THE GROUND AND ARE WITHIN THE WALLS OF THE LIVING SPACES OF THE BUILDING, TO FACILITATE FUTURE INSTALLATION OF A SUBSLAB DEPRESSURIZATION SYSTEM, IF NEEDED. THE GAS-PERMEABLE LAYER SHALL CONSIST OF ONE OF THE FOLLOWING:

- A UNIFORM LAYER OF CLEAN AGGREGATE, NOT LESS THAN 4 INCHES (102 MM) THICK. THE AGGREGATE SHALL CONSIST OF MATERIAL THAT WILL PASS THROUGH 2-INCH (51 MM) SIEVE AND BE RETAINED BY A 1/4-INCH (6.4 MM) SIEVE.
- A UNIFORM LAYER OF SAND (NATIVE OR FILL), NOT LESS THAN 4 INCHES (102 MM) THICK, OVERLAIN BY A LAYER OR STRIPS OF GEOTEXTILE DRAINAGE MATTING DESIGNED TO ALLOW THE LATERAL FLOW OF SOIL GASES.
- OTHER MATERIALS, SYSTEMS OR FLOOR DESIGNS WITH DEMONSTRATED CAPABILITY TO PERMIT DEPRESSURIZATION ACROSS THE ENTIRE SUBFLOOR AREA.

C. A MINIMUM 3" ABS. PVC, OR EQUIVALENT GAS-TIGHT PIPE SHALL BE EMBEDDED VERTICALLY INTO THE SUBSLAB AGGREGATE OR OTHER PERMEABLE MATERIAL BEFORE THE SLAB IS CAST.

D. THE PIPE SHALL BE EXTENDED UP THROUGH THE BUILDING FLOORS, AND TERMINATE NOT LESS THAN 12 INCHES (305 MM) ABOVE THE SURFACE OF THE ROOF IN A LOCATION NOT LESS THAN 10 FEET (3048 MM) AWAY FROM ANY WINDOW OR OTHER OPENING INTO THE CONDITIONED SPACES OF THE BUILDING THAT IS LESS THAN 2 FEET (610 MM) BELOW THE EXHAUST POINT, AND 10 FEET (3048 MM) FROM ANY WINDOW OR OTHER OPENING IN ADJOINING OR ADJACENT BUILDINGS.

E. COMPONENTS OF THE RADON VENT PIPE SYSTEM SHALL BE INSTALLED TO PROVIDE POSITIVE DRAINAGE TO THE GROUND BENEATH THE SLAB OR SOIL-GAS-RETARDER.

F. RADON VENT PIPES SHALL BE ACCESSIBLE FOR FUTURE FAN INSTALLATION THROUGH AN ATTIC OR OTHER AREA OUTSIDE THE HABITABLE SPACE.

G. OPENINGS AROUND BATHTUBS, SHOWERS, WATER CLOSETS, PIPES, WIRES OR OTHER OBJECTS THAT PENETRATE CONCRETE SLABS, OR OTHER FLOOR ASSEMBLIES, SHALL BE FILLED WITH A POLYURETHANE CAULK OR EQUIVALENT SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

H. CONTROL JOINTS, ISOLATION JOINTS, CONSTRUCTION JOINTS, AND ANY OTHER JOINTS IN CONCRETE SLABS OR BETWEEN SLABS AND FOUNDATION WALLS SHALL BE SEALED WITH A CAULK OR SEALANT. GAPS AND JOINTS SHALL BE CLEARED OF LOOSE MATERIAL AND FILLED WITH POLYURETHANE CAULK OR OTHER ELASTOMERIC SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

I. CONTRACTOR TO ENSURE LOCATION OF VENT PIPE IN THE FIELD.

AIR BARRIER TESTING: THE BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE OF NOT EXCEEDING (3) THREE AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH RESNET/ICC 308 STANDARD FOR TESTING AIR TIGHTNESS OF BUILDING ENCLOSURES, DWELLING UNIT, AND SLEEPING UNIT ENCLOSURES. AIR TIGHTNESS OF HEATING AND COOLING AIR DISTRIBUTION SYSTEMS, AND AIRFLOW OF MECHANICAL VENTILATION SYSTEMS, ASTM E779/STANDARD TEST METHOD FOR DETERMINING AIR LEAKAGE RATE BY FAN PRESSURIZATION OR ASTM E1827/STANDARD TEST METHODS FOR DETERMINING AIR TIGHTNESS OF BUILDINGS USING AN ORIFICE BLOWER DOOR AND REPORTED AT A PRESSURE OF 0.2 INCH W.G. (50 PASCAPALS), WHERE REQUIRED BY THE BUILDING OFFICIAL. TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY. A WRITTEN REPORT OF THE RESULTS OF THE TEST SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE BUILDING OFFICIAL. TESTING SHALL BE PERFORMED AT ANY TIME AFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE. (N1102.4.1.2)

WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM: WHOLE-HOUSE MECHANICAL VENTILATION SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH SECTIONS M1505.4.1 THROUGH M1505.4.4. (2018 IRC M1505.4)

DUCT TESTING: DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR LEAKAGE BY ONE OF THE FOLLOWING METHODS: 1. ROUGH-IN TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH W.G. (25 PA) ACROSS THE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE IF INSTALLED AT THE TIME OF THE TEST OR 2. POST CONSTRUCTION TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH W.G. (25 PA) ACROSS THE ENTIRE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE. REGISTERS SHALL BE TAPED OR OTHERWISE SEALED DURING THE TEST. (N1103.3.3)

WINDOW GROUND LEVEL SCHEDULE

No.	NOMINAL DIMENSIONS		Description	Count	Head Height	Sill Height	Comments
	Width	Height					
01	2'-0"	4'-0"	LEFT TILT / TURN	1	8'-0"	4'-0"	IECC 2018 COMPLIANT
02	2'-0"	5'-0"	LEFT TILT / TURN	1	9'-0"	4'-0"	IECC 2018 COMPLIANT; EERO COMPLIANT
02	2'-0"	5'-0"	RIGHT TILT / TURN	1	9'-0"	4'-0"	IECC 2018 COMPLIANT; EERO COMPLIANT
03	2'-6"	5'-6"	FIXED	2	13'-6"	8'-0"	IECC 2018 COMPLIANT
04	2'-6"	5'-6"	RIGHT TILT / TURN	4	<varies>	<varies>	IECC 2018 COMPLIANT; EERO COMPLIANT
04	2'-6"	5'-6"	LEFT TILT / TURN	1	9'-0"	3'-6"	IECC 2018 COMPLIANT; EERO COMPLIANT
05	2'-6"	5'-6"	LEFT TILT / TURN WINDOW @ KITCHEN	2	9'-0"	3'-6"	IECC 2018 COMPLIANT; EERO COMPLIANT
05	2'-6"	5'-6"	RIGHT TILT / TURN WINDOW @ KITCHEN	3	9'-0"	3'-6"	IECC 2018 COMPLIANT; EERO COMPLIANT
06	2'-6"	9'-0"	INTERIOR FIXED WINDOW @ OFFICE	2	9'-3"	0'-3"	---

DOOR GROUND LEVEL SCHEDULE

No.	NOMINAL DIMENSIONS		Type	Swing Direction	Count	FINISH		Safety Glass	Comments
	Width	Height				Panel Material	Frame Material		
001	2'-6"	6'-8"	INTERIOR POCKET DOOR UNDER STAIR	---	1	WOOD	WOOD	No	---
005	3'-0"	8'-0"	EXTERIOR FULL GLASS DOOR	LH	1	TBD BY OWNER	TBD	Yes	IECC 2018 COMPLIANT
006	3'-0"	8'-0"	EXTERIOR HALF-LITE DOOR	RH	1	TBD BY OWNER	TBD	---	---
06G	3'-0"	8'-0"	DOOR FROM GARAGE TO ENTRY	LH	1	SOLID WOOD OR SOLID/HONEYCOMB STEEL	WOOD	No	IECC 2018 COMPLIANT: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or honeycomb-core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire-rated doors, equipped with a self-closing or automatic-closing device.
007	3'-6"	8'-0"	EXTERIOR BACK DOOR	RH	1	TBD BY OWNER	TBD	Yes	IECC 2018 COMPLIANT
008	5'-0"	8'-0"	FULL GLASS, INTERIOR BARN DOUBLE DOOR	---	1	TBD BY OWNER	---	---	---
009	10'-0"	8'-0"	EXTERIOR SLIDING DOOR	---	1	ALUMINUM	ALUMINUM	Yes	IECC 2018 COMPLIANT
010	16'-0"	8'-0"	GARAGE DOOR	---	1	TBD BY OWNER	TBD	No	---

ALARM SYSTEMS:

PER IRC R314 - FIRE ALARMS MUST BE INSTALLED WITH THE FOLLOWING CONDITIONS:

- MUST BE INSTALLED INSIDE OF EACH SLEEPING ROOM, OUTSIDE OF EACH SLEEPING ROOM IN THE IMMEDIATE VICINITY OF THE SLEEPING ROOM, ON EACH STORY INCLUDING BASEMENTS.
- EACH SMOKE ALARM MUST BE INSTALLED NOT LESS THAN 3'-0" HORIZONTALLY FROM A DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB/SHOWER UNLESS THIS WOULD PREVENT THE REQUIRED PLACEMENT OF A SMOKE ALARM.
- WHEN MORE THAN ONE SMOKE ALARM IS REQUIRED IN A DWELLING UNIT, ALL OF THE ALARMS MUST BE INTERCONNECTED WITH WIRES OR WIRELESSLY.
- ALL SMOKE ALARMS MUST RECEIVE THEIR POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY.
- THIS APPLIES TO BOTH NEW CONSTRUCTION AND INTERIOR ALTERATIONS.

GENERAL ELECTRICAL NOTES

PER IRC M1503.2 - WHERE DOMESTIC COOKING EXHAUST EQUIPMENT IS PROVIDED, IT SHALL COMPLY WITH ONE OF THE FOLLOWING:

- THE FAN FOR OVERHEAD RANGE HOODS AND DOWNDRAFT EXHAUST EQUIPMENT NOT INTEGRAL WITH THE COOKING APPLIANCE SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 507.
- OVERHEAD RANGE HOODS AND DOWNDRAFT EXHAUST EQUIPMENT WITH INTEGRAL FANS SHALL COMPLY WITH UL 507.
- DOMESTIC COOKING APPLIANCES WITH INTEGRAL DOWNDRAFT EXHAUST EQUIPMENT SHALL BE LISTED AND LABELED IN ACCORDANCE WITH ANSI Z21.1 OR UL 858.
- MICROWAVE OVENS WITH INTEGRAL EXHAUST FOR INSTALLATION OVER THE COOKING SURFACE SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 923.

PER IRC M1503.3 - DOMESTIC COOKING EXHAUST EQUIPMENT SHALL DISCHARGE TO THE OUTDOORS THROUGH A DUCT. THE DUCT SHALL HAVE A SMOOTH INTERIOR SURFACE, SHALL BE AIR TIGHT, SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER AND SHALL BE INDEPENDENT OF ALL OTHER EXHAUST SYSTEMS. DUCTS SERVING DOMESTIC COOKING EXHAUST EQUIPMENT SHALL NOT TERMINATE IN AN ATTIC OR CRAWL SPACE OR AREAS INSIDE THE BUILDING.

EXCEPTION: WHERE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, AND HERE MECHANICAL OR NATURAL VENTILATION IS OTHERWISE PROVIDED, LISTED AND LABELED DUCTLESS RANGE HOODS SHALL NOT BE REQUIRED TO DISCHARGE TO THE OUTDOORS.

PER IRC M1503.4 - DUCTS SERVING DOMESTIC COOKING EXHAUST EQUIPMENT SHALL BE CONSTRUCTED OF GALVANIZED STEEL, STAINLESS STEEL OR COPPER.

ALL RECEPTACLE AND LIGHTING OUTLETS TO BE INSTALLED IN ACCORDANCE WITH CHAPTER 39 IRC - POWER AND LIGHTING DISTRIBUTION, SPECIFIED IN SECTIONS E3901 THROUGH E3903.

COORDINATE ALL UTILITIES W/ KUB.

CONDITIONED AREA GROUND LEVEL

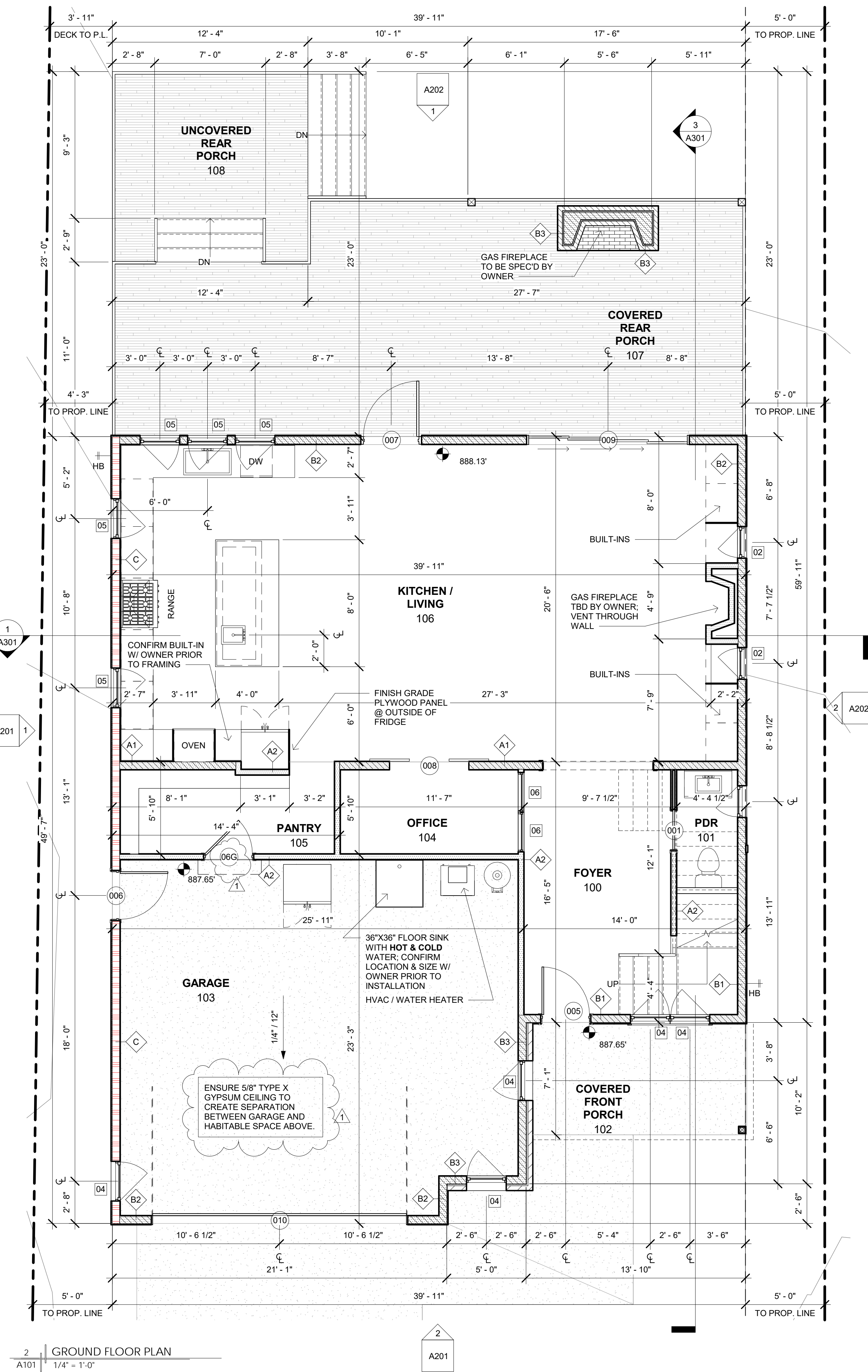
Comments	Area	Level
CONDITIONED	1098 SF	T.O. SLAB
UNCONDITIONED	1349 SF	T.O. SLAB
	2447 SF	

1ST FLOOR AREA SCHEDULE

No.	Name	Area
100	FOYER	173 SF
101	PDR	28 SF
102	COVERED FRONT PORCH	97 SF
103	GARAGE	550 SF
104	OFFICE	59 SF
105	PANTRY	71 SF
106	KITCHEN / LIVING	766 SF
107	COVERED REAR PORCH	245 SF
108	UNCOVERED REAR PORCH	457 SF
		2447 SF

WALL TYPE LEGEND:

	TYPICAL INT. WALL
	TYPICAL EXT. WALL
	FOUNDATION WALL
	1HR FIRE RESISTANT WALL



2
A101 | GROUND FLOOR PLAN
1/4" = 1'-0"

REVISION

No.	REVISION
1	REVIEW CYCLE 1

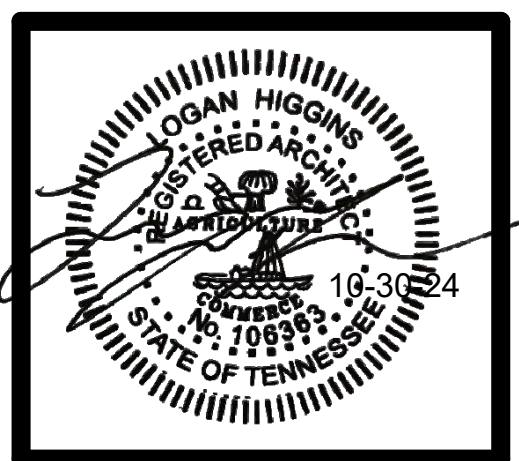
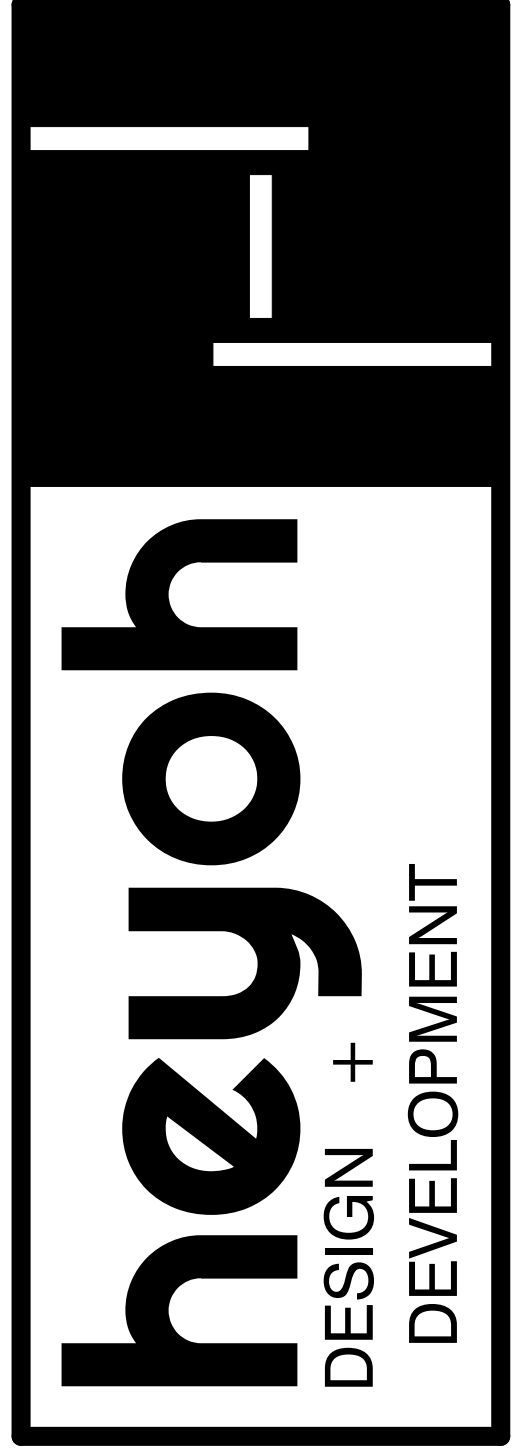
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
GORDON + STACY SAVAGE

Info:
NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location:
515 MIMOSA AVENUE KNOXVILLE, TN 37920



CHECKED BY: SRD/LH
DRAWN BY: AL/SRD
11.19.2024
1/4" = 1'-0"

SHEET
A101
5 OF 12
GROUND FLOOR PLANS

GENERAL NOTES:

A. EXTERIOR WINDOWS, DOORS, AND ADDITIONAL FENESTRATION IECC 2018 COMPLIANT FOLLOWING SECTION R402.1.5

B. ALL SLEEPING ROOM REQUIRED TO HAVE MIN. ONE EMERGENCY ESCAPE & RESCUE OPENING WITH MIN. 5.7 SF

C. ALL EXTERIOR WINDOW AND DOOR OPENINGS TO BE VERIFIED IN THE FIELD REVIEW DOCUMENTS, VERIFY DIMENSIONS AND FIELD CONDITIONS AND CONFIRM THAT WORK IS BUILDABLE AS SHOWN. REPORT ANY CONFLICTS OR OMISSIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO PERFORMING ANY WORK IN QUESTION

D. SUBMIT REQUESTS FOR SUBSTITUTIONS, REVISIONS, OR CHANGES TO ARCHITECT FOR REVIEW PRIOR TO PURCHASE, FABRICATION, OR INSTALLATION.

E. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. IN CASE OF CONFLICT, CONSULT THE ARCHITECT.

F. ALL ELEVATION POINTS REFERENCE TOP OF STRUCTURE.

G. ELEVATION POINTS ON EACH FLOOR ARE CONSISTENT IN ALL UNITS.

H. ALL TOILETS NO CLOSER THAN 15" FROM CENTERLINE OF FIXTURE TO ANY WALL OR OTHER FIXTURE.

RADON CONTROL METHODS (IRC 2018 APPENDIX F):

A. NEW DWELLING UNITS SHALL BE PROVIDED WITH A RADON MITIGATION SYSTEM IN ACCORDANCE WITH 2018 IRC APPENDIX F-RADON CONTROL METHODS.

B. A LAYER OF GAS-PERMEABLE MATERIAL SHALL BE PLACED UNDER ALL CONCRETE SLABS AND OTHER FLOOR SYSTEMS THAT DIRECTLY CONTACT THE GROUND AND ARE WITHIN THE WALLS OF THE LIVING SPACES OF THE BUILDING. TO FACILITATE FUTURE INSTALLATION OF A SLAB DEPRESSURIZATION SYSTEM, IF NEEDED, THE GAS-PERMEABLE LAYER SHALL CONSIST OF ONE OF THE FOLLOWING:

- A UNIFORM LAYER OF CLEAN AGGREGATE, NOT LESS THAN 4 INCHES (102 MM) THICK. THE AGGREGATE SHALL CONSIST OF MATERIAL THAT WILL PASS THROUGH A 2-INCH (51 MM) SIEVE AND BE RETAINED BY A 1/4-INCH (6.4 MM) SIEVE.
- A UNIFORM LAYER OF SAND (NATIVE OR FILL), NOT LESS THAN 4 INCHES (102 MM) THICK, OVERLAIN BY A LAYER OR STRIPS OF GEOTEXTILE DRAINAGE MATTING DESIGNED TO ALLOW THE LATERAL FLOW OF SOIL GASES.
- OTHER MATERIALS, SYSTEMS OR FLOOR DESIGNS WITH DEMONSTRATED CAPABILITY TO PERMIT DEPRESSURIZATION ACROSS THE ENTIRE SUBFLOOR AREA.

C. A MINIMUM 3" ABS, PVC, OR EQUIVALENT GAS-TIGHT PIPE SHALL BE EMBEDDED VERTICALLY INTO THE SUBSLAB AGGREGATE OR OTHER PERMEABLE MATERIAL BEFORE THE SLAB IS CAST

D. THE PIPE SHALL BE EXTENDED UP THROUGH THE BUILDING FLOORS, AND TERMINATE NOT LESS THAN 12 INCHES (305 MM) ABOVE THE SURFACE OF THE ROOF IN A LOCATION NOT LESS THAN 10 FEET (3048 MM) AWAY FROM ANY WINDOW OR OTHER OPENING INTO THE *CONDITIONED SPACES* OF THE BUILDING THAT IS LESS THAN 2 FEET (610 MM) BELOW THE EXHAUST POINT, AND 10 FEET (3048 MM) FROM ANY WINDOW OR OTHER OPENING IN ADJOINING OR ADJACENT BUILDINGS.

E. COMPONENTS OF THE RADON VENT PIPE SYSTEM SHALL BE INSTALLED TO PROVIDE POSITIVE DRAINAGE TO THE GROUND BENEATH THE SLAB OR SOIL-GAS-RETARDER.

F. RADON VENT PIPES SHALL BE ACCESSIBLE FOR FUTURE FAN INSTALLATION THROUGH AN ATTIC OR OTHER AREA OUTSIDE THE *HABITABLE SPACE*.

G. OPENINGS AROUND BATHTUBS, SHOWERS, WATER CLOSETS, PIPES, WIRES OR OTHER OBJECTS THAT PENETRATE CONCRETE SLABS, OR OTHER FLOOR ASSEMBLIES, SHALL BE FILLED WITH A POLYURETHANE CAULK OR EQUIVALENT SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

H. CONTROL JOINTS, ISOLATION JOINTS, CONSTRUCTION JOINTS, AND ANY OTHER JOINTS IN CONCRETE SLABS OR BETWEEN SLABS AND FOUNDATION WALLS SHALL BE SEALED WITH A CAULK OR SEALANT. GAPS AND JOINTS SHALL BE CLEARED OF LOOSE MATERIAL AND FILLED WITH POLYURETHANE CAULK OR OTHER ELASTOMERIC SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

I. CONTRACTOR TO ENSURE LOCATION OF VENT PIPE IN THE FIELD.

AIR BARRIER TESTING: THE BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE OF NOT EXCEEDING (3) THREE AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH RESNET/ICC 380/STANDARD FOR TESTING AIRTIGHTNESS OF BUILDING ENCLOSURES, DWELLING UNIT, AND SLEEPING UNIT ENCLOSURES. AIRTIGHTNESS OF HEATING AND COOLING AIR DISTRIBUTION SYSTEMS, AND AIRFLOW OF MECHANICAL VENTILATION SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH ASTM E 277/STANDARD TEST METHOD FOR DETERMINING AIR LEAKAGE RATE BY FAN PRESSURIZATION/OR ASTM E 1827/STANDARD TEST METHODS FOR DETERMINING AIRTIGHTNESS OF BUILDINGS USING AN ORIFICE BLOWER DOOR) AND REPORTED AT A PRESSURE OF 0.2 INCH W.G. (50 PASCALS), WHERE REQUIRED BY THE BUILDING OFFICIAL. TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY. A WRITTEN REPORT OF THE RESULTS OF THE TEST SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE BUILDING OFFICIAL. TESTING SHALL BE PERFORMED AT ANY TIME AFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE. (N1102.4.1.2)

WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM: WHOLE-HOUSE MECHANICAL VENTILATION SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH SECTIONS M1505.4.1 THROUGH M1505.4.4. (2018 IRC M1505.4)

DUCT TESTING: DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR LEAKAGE BY ONE OF THE FOLLOWING METHODS: 1. ROUGH-IN TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH W.G. (25 PA) ACROSS THE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE IF INSTALLED AT THE TIME OF THE TEST OR 2. POST CONSTRUCTION TEST: TOTAL LEAKAGE SHALL BE MEASURED WITH A PRESSURE DIFFERENTIAL OF 0.1 INCH W.G. (25 PA) ACROSS THE ENTIRE SYSTEM, INCLUDING THE MANUFACTURER'S AIR HANDLER ENCLOSURE. REGISTERS SHALL BE TAPED OR OTHERWISE SEALED DURING THE TEST. (N1103.3.3)

WINDOW LEVEL 2 SCHEDULE									
No.	Dimensions		Description	Count	Head Height	Sill Height	Comments		
	Width	Height							
01	2' - 0"	4' - 0"	LEFT TILT / TURN	1	7' - 8"	3' - 8"	IECC 2018 COMPLIANT		
01	2' - 0"	4' - 0"	RIGHT TILT / TURN	1	7' - 8"	3' - 8"	IECC 2018 COMPLIANT		
03	2' - 6"	5' - 6"	FIXED	6	7' - 8"	2' - 2"	IECC 2018 COMPLIANT		
04	2' - 6"	5' - 6"	LEFT TILT / TURN	8	7' - 8"	2' - 2"	IECC 2018 COMPLIANT; EERO COMPLIANT		
04	2' - 6"	5' - 6"	RIGHT TILT / TURN	9	7' - 8"	2' - 2"	IECC 2018 COMPLIANT; EERO COMPLIANT		
07	4' - 0"	1' - 6"	FIXED	3	7' - 8"	6' - 2"	IECC 2018 COMPLIANT		

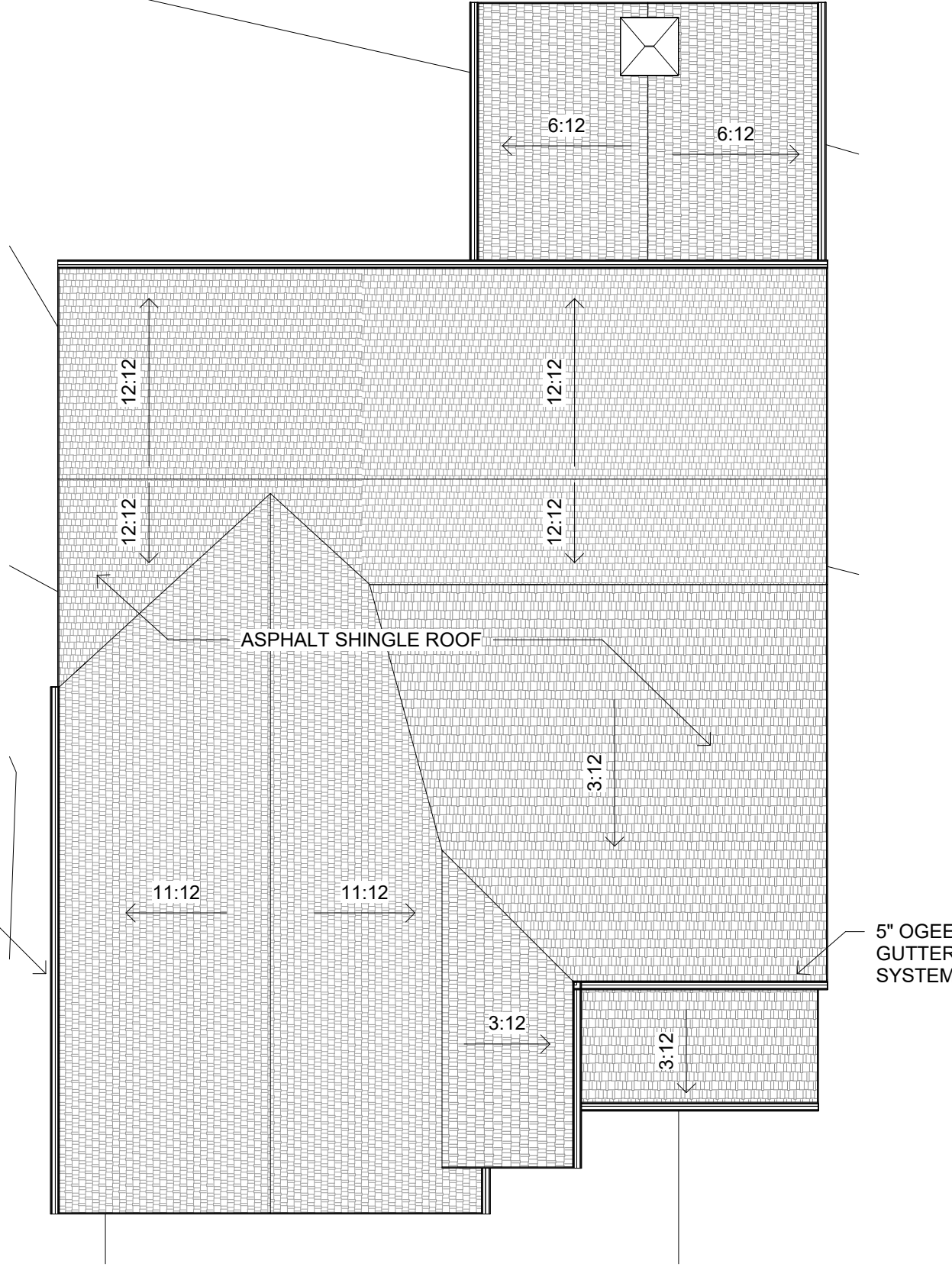
DOOR LEVEL 2 SCHEDULE									
No.	Width	Height	Type	Swing Direction	Count	FINISH		Safety Glass	Comments
						Panel Material	Frame Material		
002	2' - 6"	7' - 0"	INTERIOR POCKET DOOR	---	3	WOOD	WOOD	No	
003	2' - 8"	7' - 0"	INTERIOR POCKET DOOR	---	7	WOOD	WOOD	No	
004	2' - 8"	7' - 0"	INTERIOR DOOR	LH	1	WOOD	WOOD	No	
004	2' - 8"	7' - 0"	INTERIOR DOOR	RH	2	WOOD	WOOD	No	

WALL TYPE LEGEND:

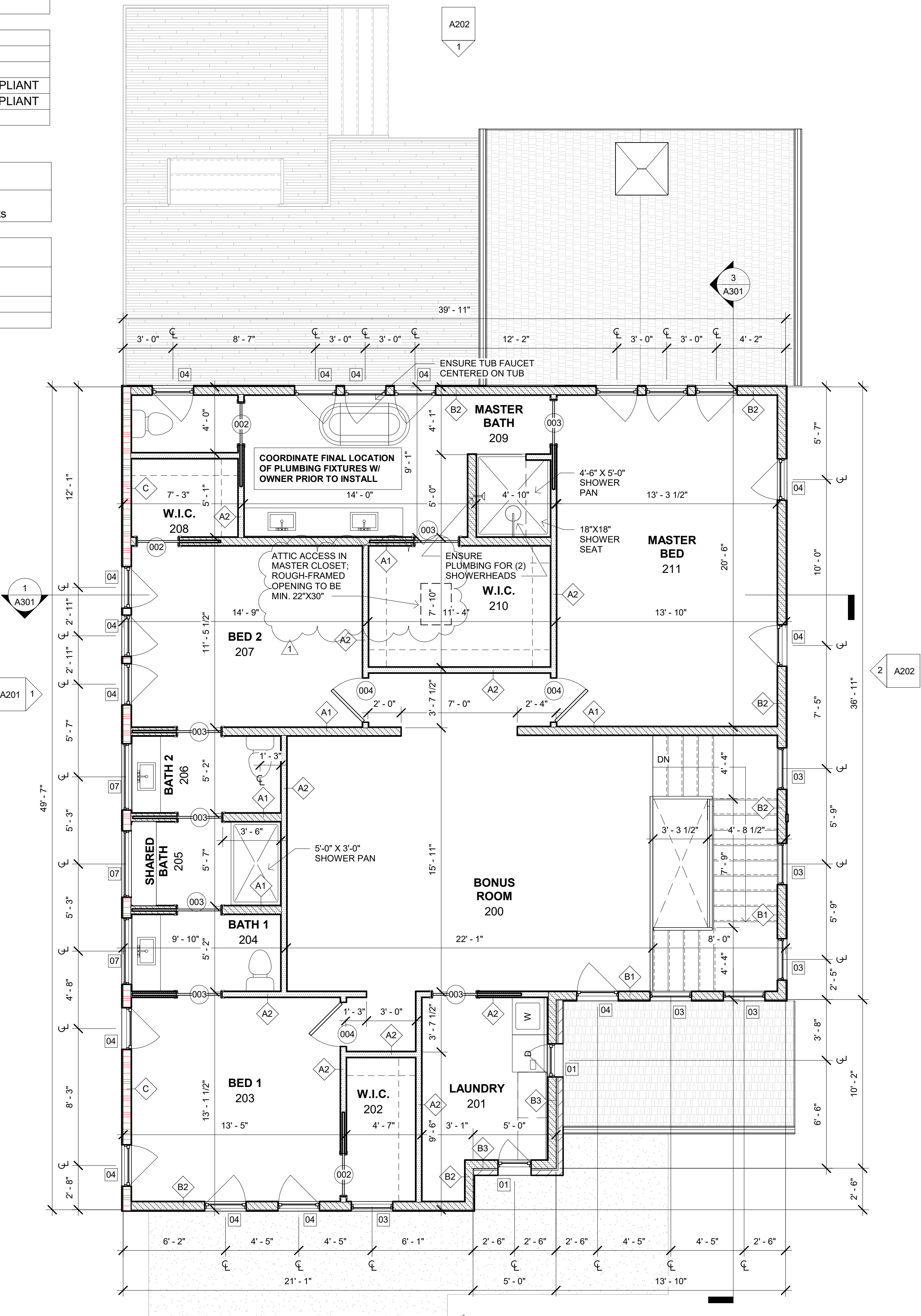
	TYPICAL INT. WALL
	TYPICAL EXT. WALL
	FOUNDATION WALL
	1HR FIRE RESISTANT WALL

CONDITIONED AREA LEVEL 2		
Comments	Area	Level
CONDITIONED	1616 SF	T.O. 2ND STRUCT.
	1616 SF	

2ND FLOOR AREA SCHEDULE		
No.	Name	Area
200	BONUS ROOM	509 SF
201	LAUNDRY	81 SF
202	W.I.C.	36 SF
203	BED 1	155 SF
204	BATH 1	42 SF
205	SHARED BATH	45 SF
206	BATH 2	42 SF
207	BED 2	152 SF
208	W.I.C.	35 SF
209	MASTER BATH	175 SF
210	W.I.C.	80 SF
211	MASTER BED	265 SF
		1616 SF



2 | ROOF PLAN
A102 | 1/8" = 1'-0"



1 | 2ND FLOOR PLAN
A102 | 1/4" = 1'-0"

REVISION	
No.	REVISION
1	REVIEW CYCLE 1

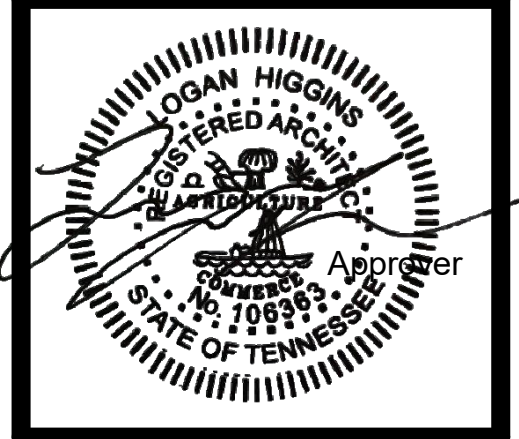
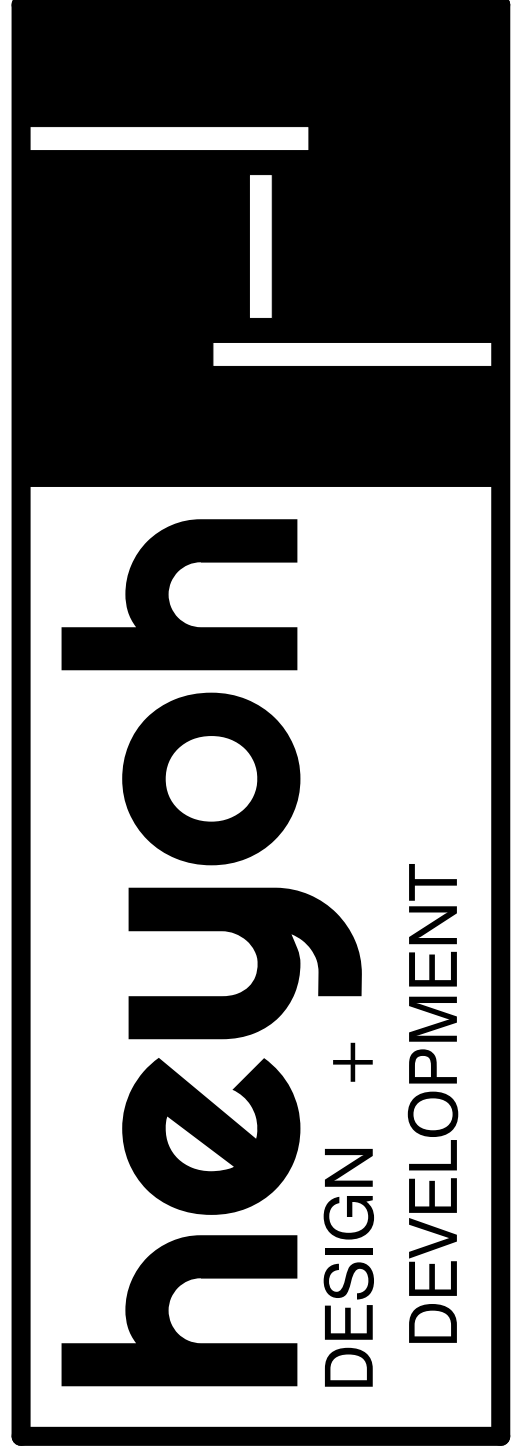
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
GORDON + STACY SAVAGE

Info:
NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location:
515 MIMOSA AVENUE KNOXVILLE, TN 37920



CHECKED BY: SRD/LH
DRAWN BY: AL/SRD
11.19.2024
As indicated

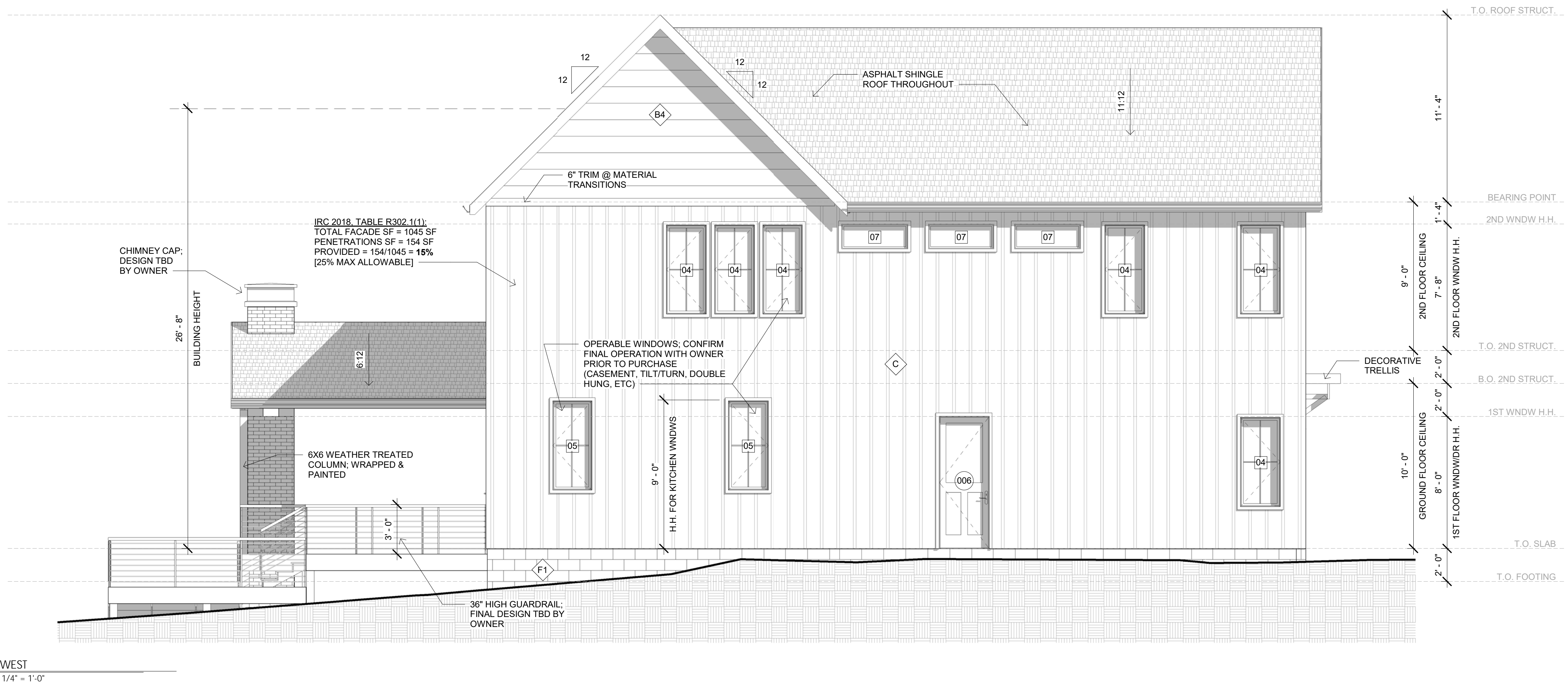
SHEET
A102
6 OF 12
SECOND FLOOR PLANS

GENERAL ELEVATION NOTES:
 A. ENSURE PROPER FLASHING AT ALL INTERSECTIONS - MATERIALS, ROOF TO WALL, WALL TO WINDOW, ETC.
 B. ENSURE PROPER SLOPE, DRAINAGE, FLASHING, DRIP EDGES, AND UNDERLAYMENTS FOR ANY ROOFS WITH SLOPES UNDER 3:12.
 C. ALL FINISHES TO BE CONFIRMED WITH OWNER.
 D. ALL CONFLICTING DIMENSIONS TO BE CONFIRMED WITH ARCHITECT.

FOUNDATION / SITE NOTES:
 A. ALL SITE WORK TO BE DESIGNED AND COMPLETED BY OTHERS.
 B. ALL FOOTERS AND FOUNDATION SUPPORTS TO BE POURED IN UNDISTURBED SOIL. IF REQUIRED TO BE PLACED ON DISTURBED SOIL, A STRUCTURAL ENGINEER SHOULD BE CONSULTED.
 C. ANY SOIL-RETAINING WALL OVER 2'-0" SHOULD BE DESIGNED BY STRUCTURAL ENGINEER.
 D. ALL FOUNDATION DRAWINGS ARE BASED ON A SLAB ON GRADE DESIGN WITH CRAWLSPACES IN FRONT; CONSULT THE ARCHITECT IF CHANGES ARE NECESSARY.
 E. SOIL TESTING SHOULD BE PERFORMED BEFORE CONSTRUCTING FOUNDATIONS AND AN ENGINEER SHOULD BE CONSULTED TO ASSESS THE SITE CONDITIONS WITH CURRENT FOUNDATION DESIGNS.
 F. ALL ELEVATION MARKERS ARE APPROXIMATIONS. VERIFY IN FIELD.

UNDERFLOOR SPACE NOTES:
 R408.3 UNVENTED CRAWL SPACE:
 1. VENTILATION OPENINGS IN UNDER-FLOOR SPACES SPECIFIED IN SECTIONS R408.1 AND R408.2 SHALL NOT BE REQUIRED WHERE THE FOLLOWING ITEMS ARE PROVIDED:
 A. EXPOSED EARTH IS COVERED WITH A CONTINUOUS CLASS 1 VAPOR RETARDER. JOINTS OF THE VAPOR RETARDER SHALL OVERLAP BY 6 INCHES (152 MM) AND SHALL BE SEALED OR TAPED. THE EDGES OF THE VAPOR RETARDER SHALL EXTEND NOT LESS THAN 6 INCHES (152 MM) UP THE STEM WALL AND SHALL BE ATTACHED AND SEALED TO THE STEM WALL OR INSULATION.
 B. ONE OF THE FOLLOWING IS PROVIDED FOR THE UNDER-FLOOR SPACE:
 a. CONTINUOUSLY OPERATED MECHANICAL EXHAUST VENTILATION AT A RATE EQUAL TO 1 CUBIC FOOT PER MINUTE (0.47 L/S) FOR EACH 50 SQUARE FEET (4.7 M2) OF CRAWL SPACE FLOOR AREA, INCLUDING AN AIR PATHWAY TO THE COMMON AREA (SUCH AS A DUCT OR TRANSFER GRILLE), AND PERIMETER WALLS INSULATED IN ACCORDANCE WITH SECTION N1102.2.11 OF THIS CODE.
 b. CONDITIONED AIR SUPPLY SIZED TO DELIVER AT A RATE EQUAL TO 1 CUBIC FOOT PER MINUTE (0.47 L/S) FOR EACH 50 SQUARE FEET (4.7 M2) OF UNDER-FLOOR AREA, INCLUDING A RETURN AIR PATHWAY TO THE COMMON AREA (SUCH AS A DUCT OR TRANSFER GRILLE), AND PERIMETER WALLS INSULATED IN ACCORDANCE WITH SECTION N1102.2.11 OF THIS CODE.
 c. PLENUM IN EXISTING STRUCTURES COMPLYING WITH SECTION M1601.5, IF UNDER-FLOOR SPACE IS USED AS A PLENUM.
 d. DEHUMIDIFICATION SIZED TO PROVIDE 70 PINTS (33 LITERS) OF MOISTURE REMOVAL PER DAY FOR EVERY 1,000 SQUARE FEET (93 M2) OF CRAWL SPACE FLOOR AREA.
 R408.4 ACCESS: ACCESS SHALL BE PROVIDED TO ALL UNDER-FLOOR SPACES. ACCESS OPENINGS THROUGH THE FLOOR SHALL BE NOT SMALLER THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM). OPENINGS THROUGH A PERIMETER WALL SHALL BE NOT LESS THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM), WHERE ANY PORTION OF THE THROUGH-WALL ACCESS IS BELOW GRADE, AN AREAWAY NOT LESS THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM) SHALL BE PROVIDED. THE BOTTOM OF THE AREAWAY SHALL BE BELOW THE THRESHOLD OF THE ACCESS OPENING. THROUGH WALL ACCESS OPENINGS SHALL NOT BE LOCATED UNDER A DOOR TO THE RESIDENCE. SEE SECTION M1305.1.4 FOR ACCESS REQUIREMENTS WHERE MECHANICAL EQUIPMENT IS LOCATED UNDER FLOORS.

ROOF NOTES:
 A. FLOOR & ROOF STRUCTURE TO BE SIZED AND DESIGNED BY ROOF TRUSS MANUFACTURER.
 B. MANUFACTURER'S DRAWINGS AND SPECIFICATIONS MUST BE KEPT ON SITE FOR FIELD INSPECTIONS.
 C. MANUFACTURER MUST NOTIFY ARCHITECT & CONTRACTOR IF ADDITIONAL REINFORCEMENT IS REQUIRED.
 D. UNVENTED ROOF & ATTIC ENCLOSURE, MIN. R-49 AIR IMPERMEABLE SPRAY FOAM INSULATIONS APPLIED DIRECTLY TO UNDERSIDE OF ROOF SHEATHING.
 E. ENSURE PROPER FLASHING AT ALL CONVERGING SLOPES, PENETRATIONS, AND ROOF/WALL CONNECTIONS.



REVISION	
No.	REVISION

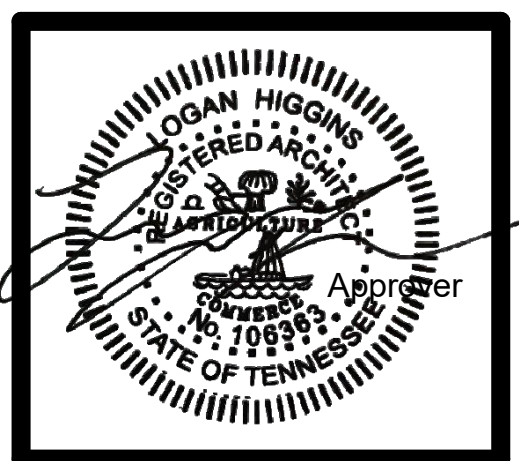
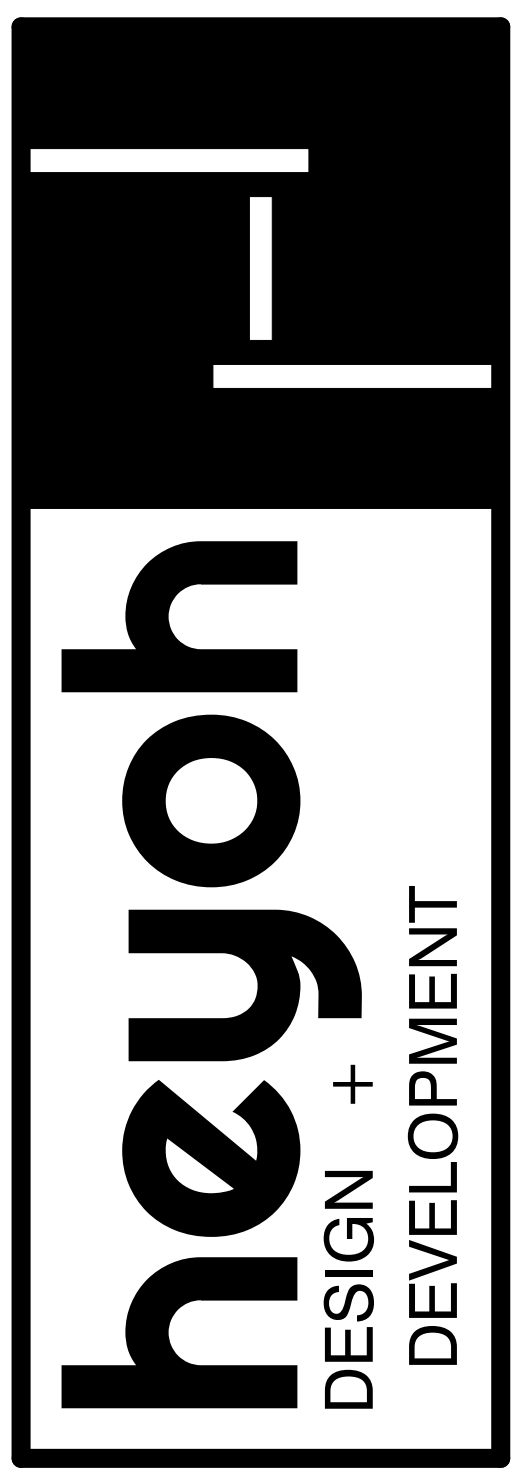
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
 GORDON + STACY SAVAGE

Info:
 NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location:
 515 MIMOSA AVENUE KNOXVILLE, TN 37920



CHECKED BY: SRD/LH
 DRAWN BY: AL/SRD
 10.30.2024
 1/4" = 1'-0"

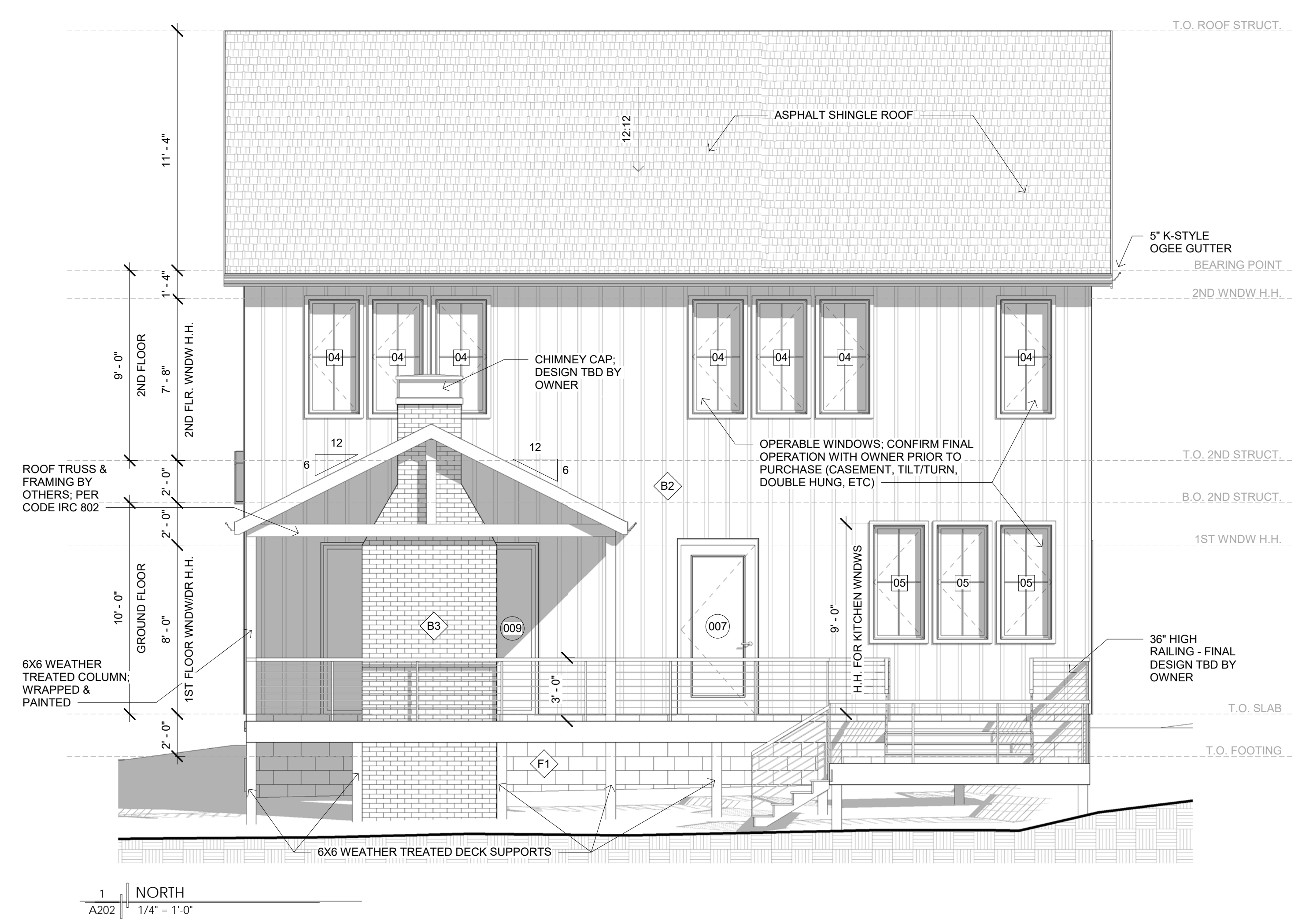
SHEET
A201
 7 OF 12
 ELEVATIONS

GENERAL ELEVATION NOTES:
 A. ENSURE PROPER FLASHING AT ALL INTERSECTIONS - MATERIALS, ROOF TO WALL, WALL TO WALL, WALL TO WINDOW, ETC.
 B. ENSURE PROPER SLOPE, DRAINAGE, FLASHING, DRIP EDGES, AND UNDERLAYS FOR ANY ROOFS WITH SLOPES UNDER 3:12.
 C. ALL FINISHES TO BE CONFIRMED WITH OWNER
 D. ALL CONFLICTING DIMENSIONS TO BE CONFIRMED WITH ARCHITECT

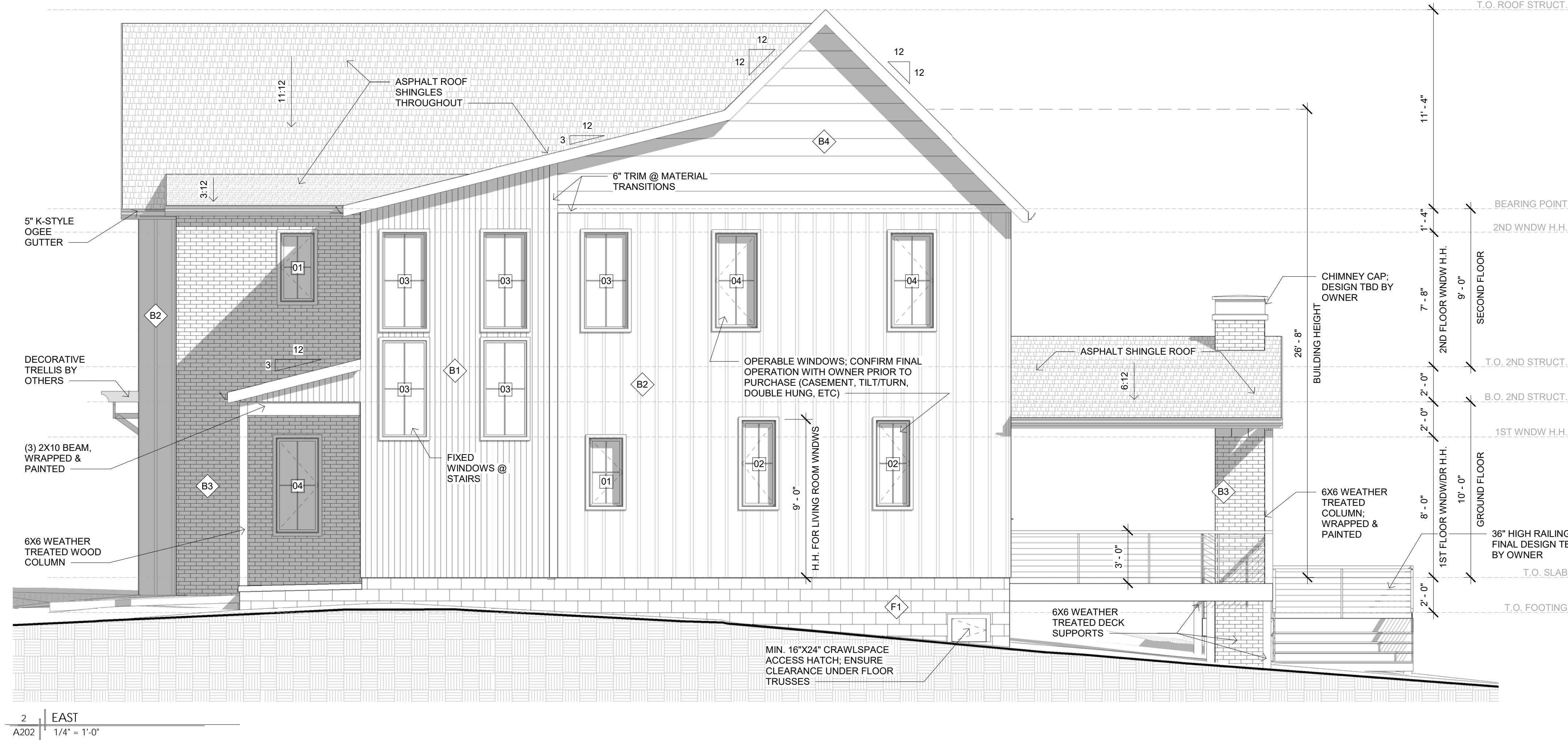
FOUNDATION / SITE NOTES:
 A. ALL SITE WORK TO BE DESIGNED AND COMPLETED BY OTHERS
 B. ALL FOOTERS AND FOUNDATION SUPPORTS TO BE POURED IN UNDISTURBED SOIL. IF REQUIRED TO BE PLACED ON DISTURBED SOIL, A STRUCTURAL ENGINEER SHOULD BE CONSULTED
 C. ANY SOIL-RETAINING WALL OVER 2'-0" SHOULD BE DESIGNED BY STRUCTURAL ENGINEER
 D. ALL FOUNDATION DRAWINGS ARE BASED ON A SLAB ON GRADE DESIGN WITH CRAWL SPACES IN FRONT. CONSULT THE ARCHITECT IF CHANGES ARE NECESSARY
 E. SOIL TESTING SHOULD BE PERFORMED BEFORE CONSTRUCTING FOUNDATIONS AND AN ENGINEER SHOULD BE CONSULTED TO ASSESS THE SITE CONDITIONS WITH CURRENT FOUNDATION DESIGNS.
 F. ALL ELEVATION MARKERS ARE APPROXIMATIONS. VERIFY IN FIELD.

UNDERFLOOR SPACE NOTES:
 R408.3 UNVENTED CRAWL SPACE:
 1. VENTILATION OPENINGS IN UNDER-FLOOR SPACES SPECIFIED IN SECTIONS R408.1 AND R408.2 SHALL NOT BE REQUIRED WHERE THE FOLLOWING ITEMS ARE PROVIDED:
 A. EXPOSED EARTH IS COVERED WITH A CONTINUOUS CLASS I VAPOR RETARDER. JOINTS OF THE VAPOR RETARDER SHALL OVERLAP BY 6 INCHES (152 MM) AND SHALL BE SEALED OR TAPED. THE EDGES OF THE VAPOR RETARDER SHALL EXTEND NOT LESS THAN 6 INCHES (152 MM) UP THE STEM WALL AND SHALL BE ATTACHED AND SEALED TO THE STEM WALL OR INSULATION.
 B. ONE OF THE FOLLOWING IS PROVIDED FOR THE UNDER-FLOOR SPACE:
 a. CONTINUOUSLY OPERATED MECHANICAL EXHAUST VENTILATION AT A RATE EQUAL TO 1 CUBIC FOOT PER MINUTE (0.47 L/S) FOR EACH 50 SQUARE FEET (4.7 M2) OF CRAWL SPACE FLOOR AREA, INCLUDING AN AIR PATHWAY TO THE COMMON AREA (SUCH AS A DUCT OR TRANSFER GRILLE), AND PERIMETER WALLS INSULATED IN ACCORDANCE WITH SECTION N1102.2.11 OF THIS CODE.
 b. CONDITIONED AIR SUPPLY DESIGNED TO DELIVER AT A RATE EQUAL TO 1 CUBIC FOOT PER MINUTE (0.47 L/S) FOR EACH 50 SQUARE FEET (4.7 M2) OF UNDER-FLOOR AREA, INCLUDING A RETURN AIR PATHWAY TO THE COMMON AREA (SUCH AS A DUCT OR TRANSFER GRILLE), AND PERIMETER WALLS INSULATED IN ACCORDANCE WITH SECTION N1102.2.11 OF THIS CODE.
 c. PLENUM IN EXISTING STRUCTURES COMPLYING WITH SECTION M1601.5, IF UNDER-FLOOR SPACE IS USED AS A PLENUM.
 d. DEHUMIDIFICATION SIZED TO PROVIDE 70 PINTS (33 LITERS) OF MOISTURE REMOVAL PER DAY FOR EVERY 1,000 SQUARE FEET (93 M2) OF CRAWL SPACE FLOOR AREA.
 R408.4 ACCESS: ACCESS SHALL BE PROVIDED TO ALL UNDER-FLOOR SPACES. ACCESS OPENINGS THROUGH THE FLOOR SHALL BE NOT SMALLER THAN 18 INCHES BY 24 INCHES (457 MM BY 610 MM). OPENINGS THROUGH A PERIMETER WALL SHALL BE NOT LESS THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM), WHERE ANY PORTION OF THE THROUGH-WALL ACCESS IS BELOW GRADE. AN AREAWAY NOT LESS THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM) SHALL BE PROVIDED. THE BOTTOM OF THE AREAWAY SHALL BE BELOW THE THRESHOLD OF THE ACCESS OPENING. THROUGH WALL ACCESS OPENINGS SHALL NOT BE LOCATED UNDER A DOOR TO THE RESIDENCE. SEE SECTION M1305.1.4 FOR ACCESS REQUIREMENTS WHERE MECHANICAL EQUIPMENT IS LOCATED UNDER FLOORS.

ROOF NOTES:
 A. FLOOR & ROOF STRUCTURE TO BE SIZED AND DESIGNED BY ROOF TRUSS MANUFACTURER
 B. MANUFACTURER'S DRAWINGS AND SPECIFICATIONS MUST BE KEPT ON SITE FOR FIELD INSPECTIONS
 C. MANUFACTURER MUST NOTIFY ARCHITECT & CONTRACTOR IF ADDITIONAL REINFORCEMENT IS REQUIRED.
 D. UNVENTED ROOF & ATTIC ENCLOSURE, MIN. R-49 AIR IMPERMEABLE SPRAY FOAM INSULATIONS APPLIED DIRECTLY TO UNDERSIDE OF ROOF SHEATHING
 E. ENSURE PROPER FLASHING AT ALL CONVERGING SLOPES, PENETRATIONS, AND ROOF/WALL CONNECTIONS



1 NORTH
 A202 1/4" = 1'-0"



2 EAST
 A202 1/4" = 1'-0"

REVISION	
No.	REVISION

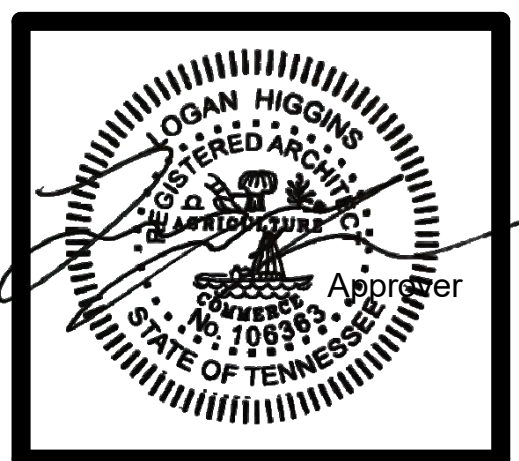
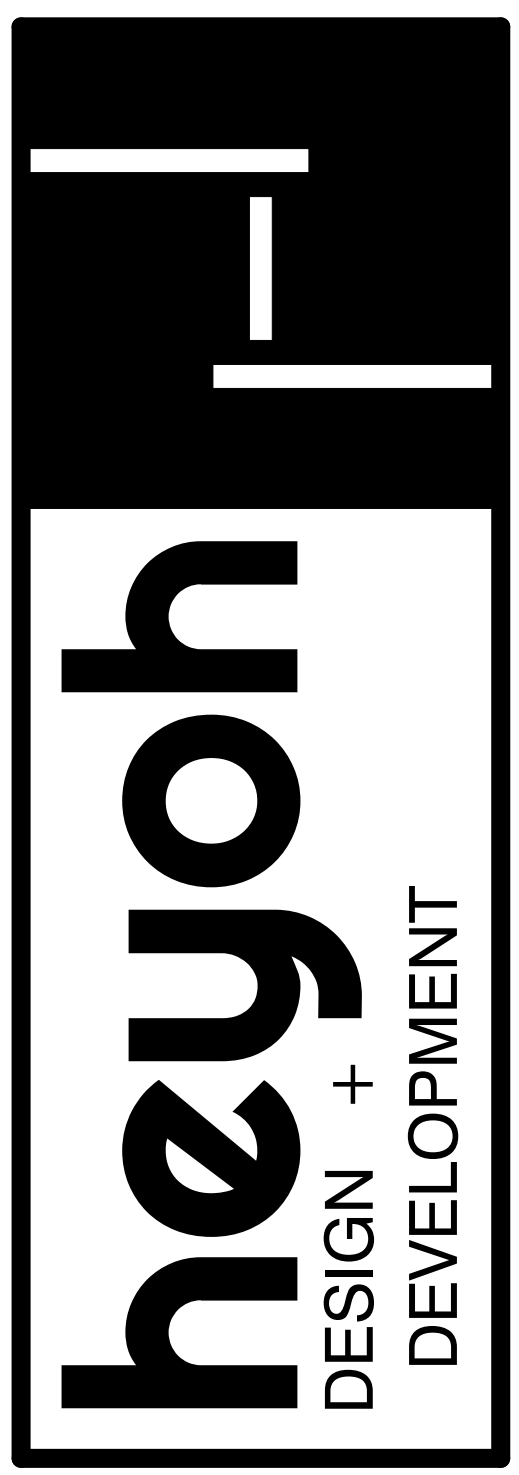
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
 GORDON + STACY SAVAGE

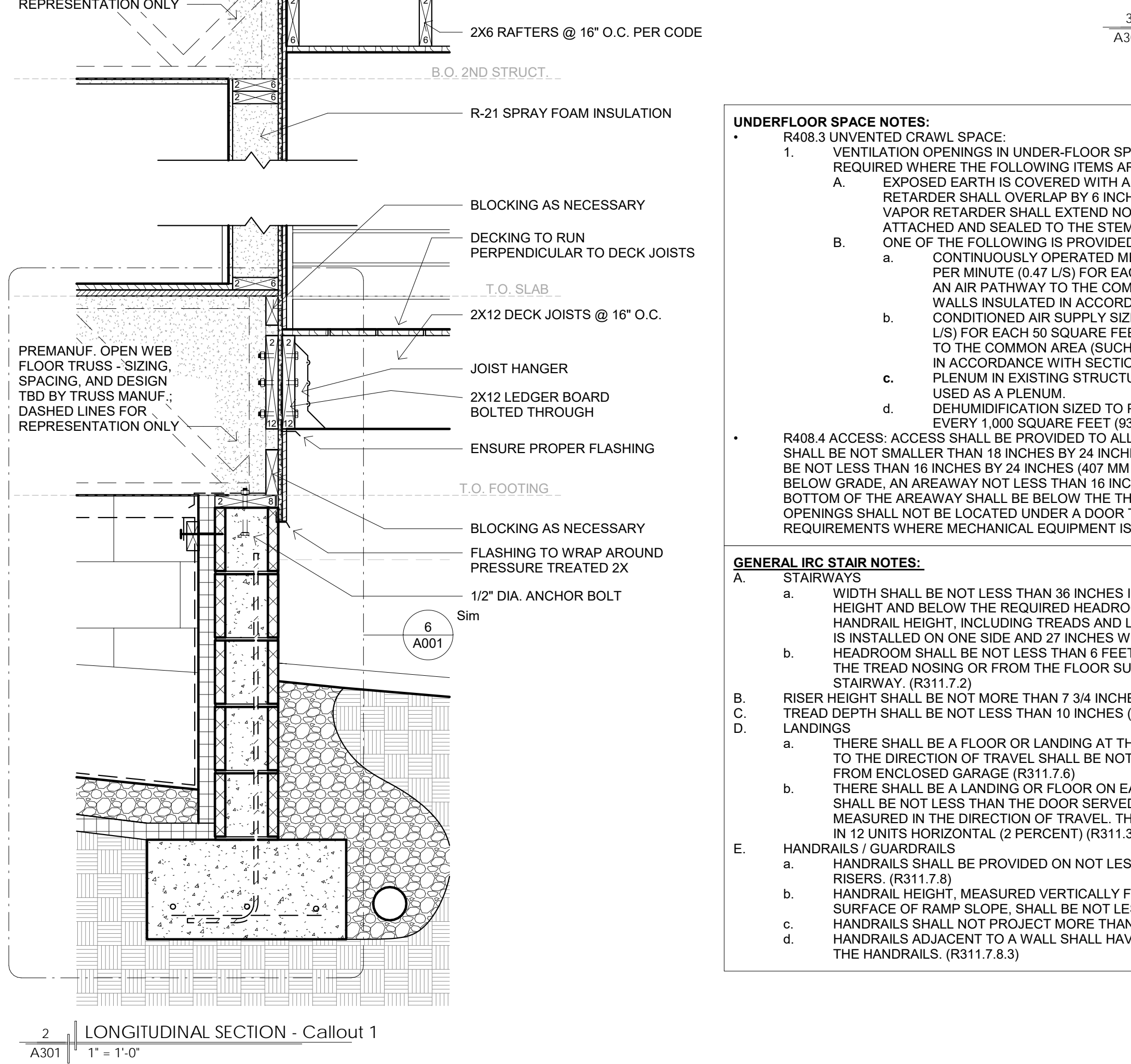
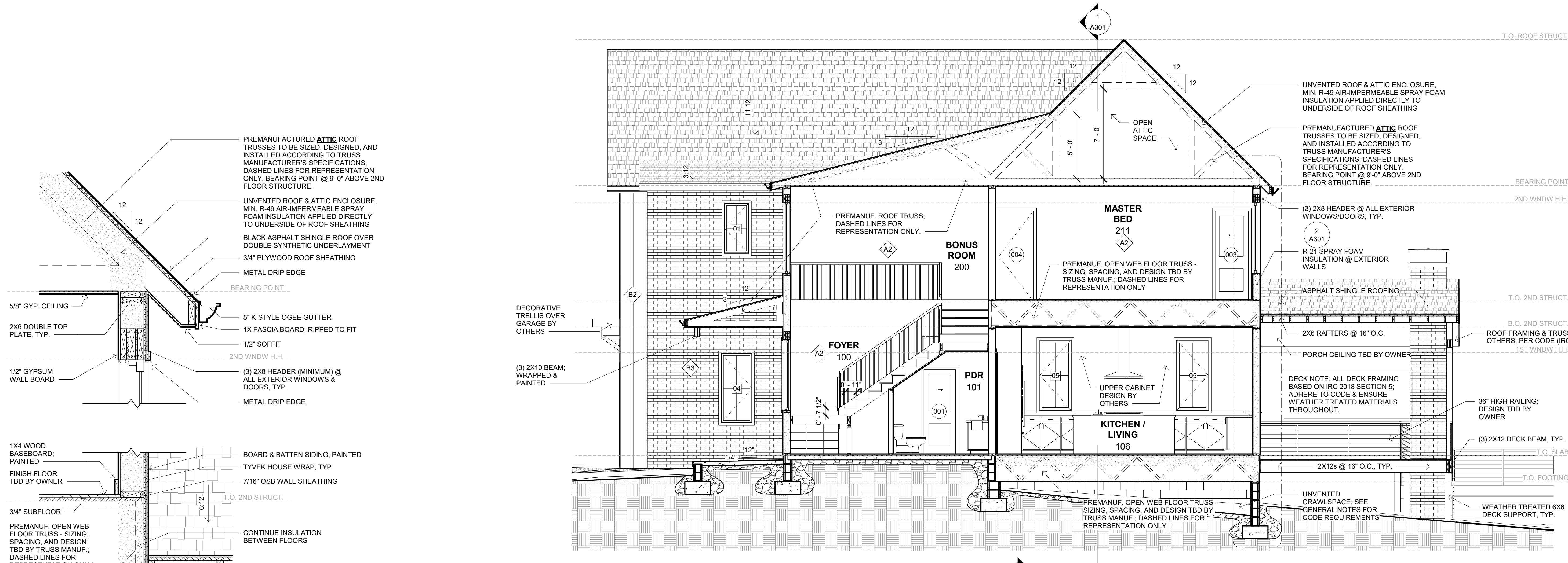
Info:
 NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location:
 515 MIMOSA AVENUE KNOXVILLE, TN 37920

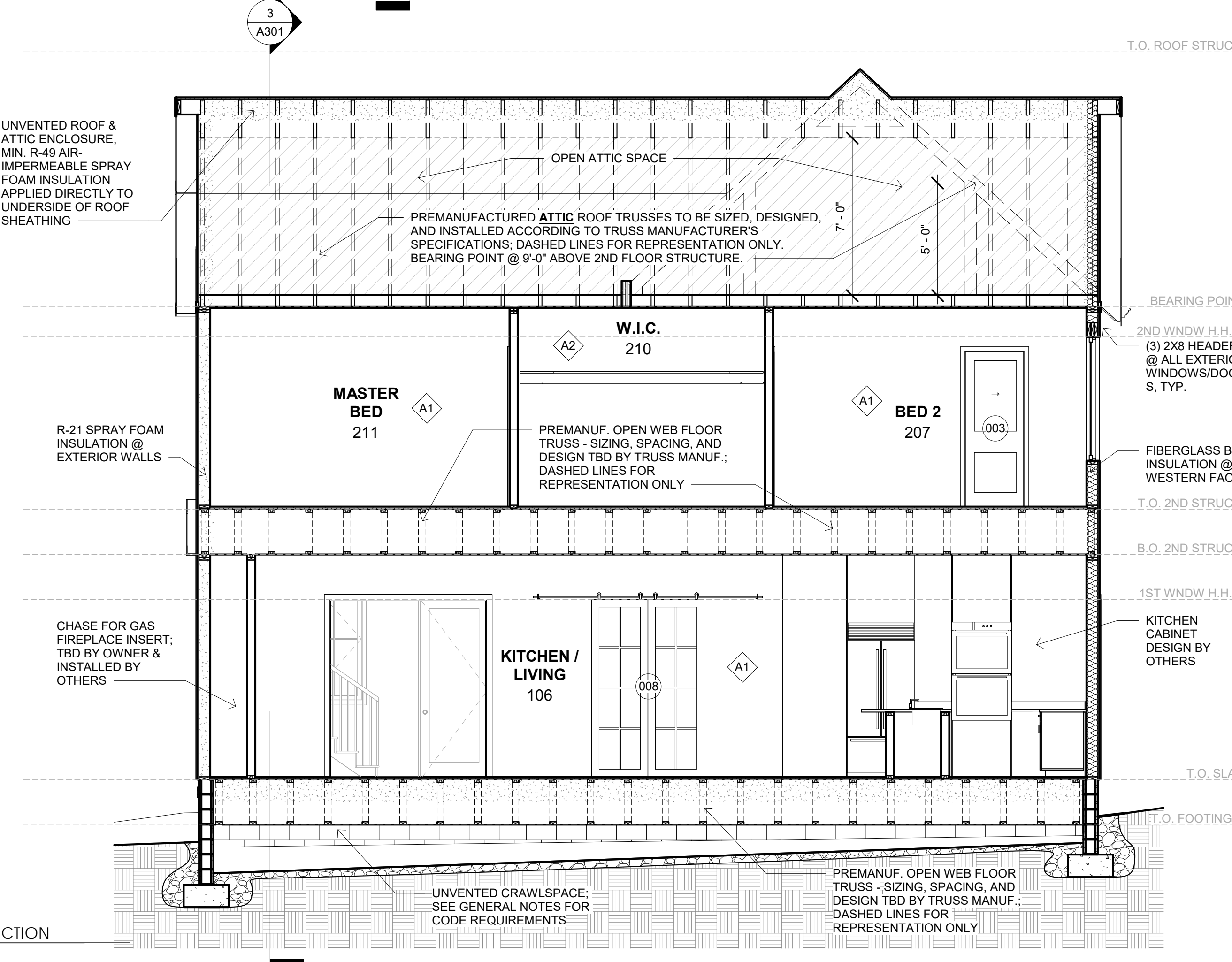


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 DRAWN BY: AL/SRD
 10.30.2024
 1/4" = 1'-0"

SHEET
A202
 8 OF 12
 ELEVATIONS



3 | LONGITUDINAL SECTION
A301 | 1/4" = 1'-0"



1 | TRANSVERSE SECTION
A301 | 1/4" = 1'-0"

UNDERFLOOR SPACE NOTES:

R408.3 UNVENTED CRAWL SPACE:
1. VENTILATION OPENINGS IN UNDER-FLOOR SPACES SPECIFIED IN SECTIONS R408.1 AND R408.2 SHALL NOT BE REQUIRED WHERE THE FOLLOWING ITEMS ARE PROVIDED:
A. EXPOSED EARTH IS COVERED WITH A CONTINUOUS CLASS I VAPOR RETARDER. JOINTS OF THE VAPOR RETARDER SHALL OVERLAP BY 6 INCHES (152 MM) AND SHALL BE SEALED OR TAPED. THE EDGES OF THE VAPOR RETARDER SHALL EXTEND NOT LESS THAN 6 INCHES (152 MM) UP THE STEM WALL AND SHALL BE ATTACHED AND SEALED TO THE STEM WALL OR INSULATION.
B. ONE OF THE FOLLOWING IS PROVIDED FOR THE UNDER-FLOOR SPACE:
a. CONTINUOUSLY OPERATED MECHANICAL EXHAUST VENTILATION AT A RATE EQUAL TO 1 CUBIC FOOT PER MINUTE (0.47 L/S) FOR EACH 50 SQUARE FEET (4.7 M2) OF CRAWL SPACE FLOOR AREA, INCLUDING AN AIR PATHWAY TO THE COMMON AREA (SUCH AS A DUCT OR TRANSFER GRILLE), AND PERIMETER WALLS INSULATED IN ACCORDANCE WITH SECTION N1102.2.11 OF THIS CODE.
b. CONDITIONED AIR SUPPLY SIZED TO DELIVER AT A RATE EQUAL TO 1 CUBIC FOOT PER MINUTE (0.47 L/S) FOR EACH 50 SQUARE FEET (4.7 M2) OF UNDER-FLOOR AREA, INCLUDING A RETURN AIR PATHWAY TO THE COMMON AREA (SUCH AS A DUCT OR TRANSFER GRILLE), AND PERIMETER WALLS INSULATED IN ACCORDANCE WITH SECTION N1102.2.11 OF THIS CODE.
c. PLENUM IN EXISTING STRUCTURES COMPLYING WITH SECTION M1601.5, IF UNDER-FLOOR SPACE IS USED AS A PLENUM.
d. DEHUMIDIFICATION SIZED TO PROVIDE 70 PINTS (33 LITERS) OF MOISTURE REMOVAL PER DAY FOR EVERY 1,000 SQUARE FEET (93 M2) OF CRAWL SPACE FLOOR AREA.

R408.4 ACCESS: ACCESS SHALL BE PROVIDED TO ALL UNDER-FLOOR SPACES. ACCESS OPENINGS THROUGH THE FLOOR SHALL BE NOT SMALLER THAN 18 INCHES BY 24 INCHES (457 MM BY 610 MM). OPENINGS THROUGH A PERIMETER WALL SHALL BE NOT LESS THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM). WHERE ANY PORTION OF THE THROUGH-WALL ACCESS IS BELOW GRADE, AN AREAWAY NOT LESS THAN 16 INCHES BY 24 INCHES (407 MM BY 610 MM) SHALL BE PROVIDED. THE BOTTOM OF THE AREAWAY SHALL BE BELOW THE THRESHOLD OF THE ACCESS OPENING. THROUGH WALL ACCESS OPENINGS SHALL NOT BE LOCATED UNDER A DOOR TO THE RESIDENCE. SEE SECTION M1305.1.4 FOR ACCESS REQUIREMENTS WHERE MECHANICAL EQUIPMENT IS LOCATED UNDER FLOORS.

GENERAL IRC STAIR NOTES:

A. STAIRWAYS
a. WIDTH SHALL BE NOT LESS THAN 36 INCHES IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT AND BELOW THE REQUIRED HEADROOM HEIGHT. THE CLEAR WIDTH OF STAIRWAYS AT AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS, SHALL BE NOT LESS THAN 31 1/2 INCHES WHERE A HANDRAIL IS INSTALLED ON ONE SIDE AND 27 INCHES WHERE HANDRAILS ARE INSTALLED ON BOTH SIDES. (R311.7.1)
b. HEADROOM SHALL BE NOT LESS THAN 6 FEET 8 INCHES MEASURED VERTICALLY FROM THE SLOPED LINE ADJOINING THE TREAD NOSING OR FROM THE FLOOR SURFACE OF THE LANDING OR PLATFORM ON THAT PORTION OF THE STAIRWAY. (R311.7.2)
c. RISER HEIGHT SHALL BE NOT MORE THAN 7 3/4 INCHES (R311.7.5.1)
d. TREAD DEPTH SHALL BE NOT LESS THAN 10 INCHES (R311.7.5.2)
e. LANDINGS
a. THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY. THE WIDTH PERPENDICULAR TO THE DIRECTION OF TRAVEL SHALL BE NOT LESS THAN THE WIDTH OF THE FLIGHT SERVED. EXCEPTION: STAIRS FROM ENCLOSED GARAGE (R311.7.6)
b. THERE SHALL BE A LANDING OR FLOOR ON EACH SIDE OF EACH EXTERIOR DOOR. THE WIDTH OF EACH LANDING SHALL BE NOT LESS THAN THE DOOR SERVED. LANDINGS SHALL HAVE A DIMENSION OF NOT LESS THAN 36 INCHES MEASURED IN THE DIRECTION OF TRAVEL. THE SLOPE AT EXTERIOR LANDINGS SHALL NOT EXCEED 1/4 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2 PERCENT) (R311.3)
f. HANDRAILS / GUARDRAILS
a. HANDRAILS SHALL BE PROVIDED ON NOT LESS THAN ONE SIDE OF EACH FLIGHT OF STAIRS WITH FOUR OR MORE RISERS. (R311.7.8)
b. HANDRAIL HEIGHT, MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FINISH SURFACE OF RAMP SLOPE, SHALL BE NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES. (R311.7.8.1)
c. HANDRAILS SHALL NOT PROJECT MORE THAN 4 1/2 INCHES ON EITHER SIDE OF THE STAIRWAY. (R311.7.8.2)
d. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1 1/2 INCHES BETWEEN THE WALL AND THE HANDRAILS. (R311.7.8.3)

REVISION	
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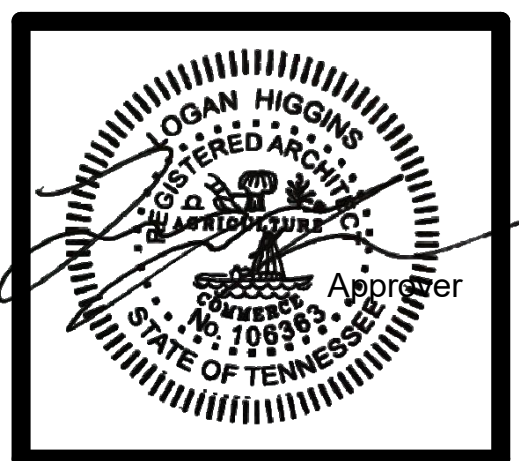
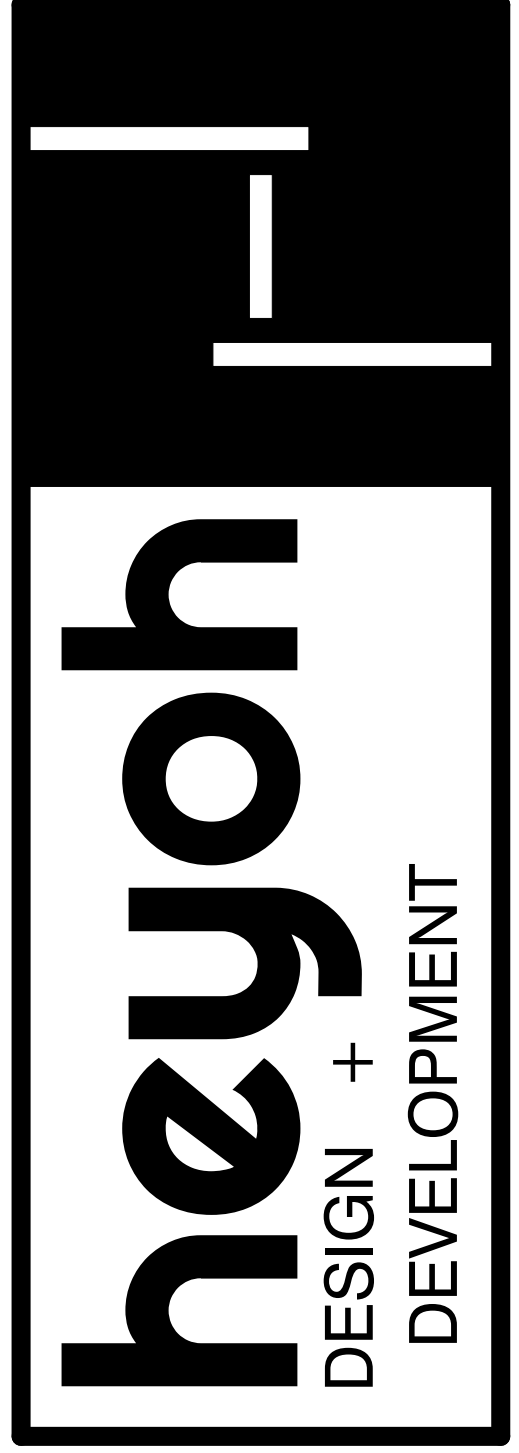
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
GORDON + STACY SAVAGE

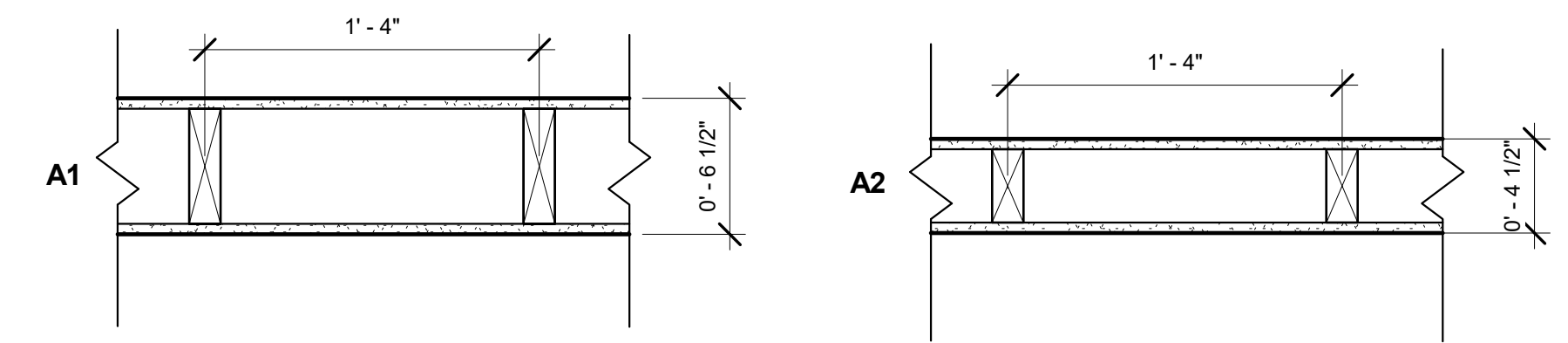
Info:
NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location:
515 MIMOSA AVENUE KNOXVILLE, TN 37920



CHECKED BY: SRD/LH
DRAWN BY: AL/SRD
10.30.2024
As indicated

SHEET
A301
9 OF 12
SECTIONS + DETAILS



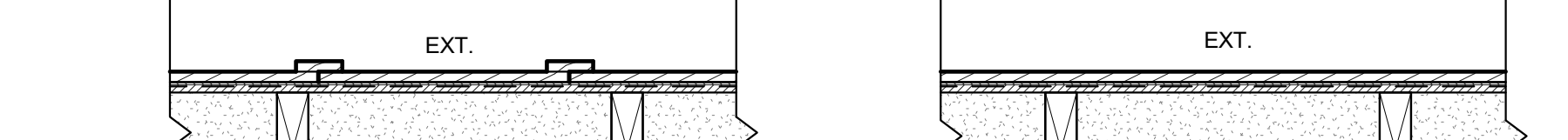
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A2 TYP. INTERIOR WALL 1 1/2" = 1'-0"



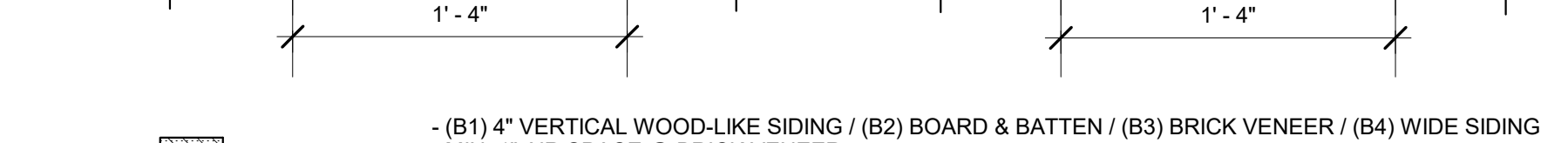
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B2 TYP. EXTERIOR WALL 1 1/2" = 1'-0"



B3 TYP. EXTERIOR WALL 1 1/2" = 1'-0"
B4 TYP. EXTERIOR WALL 1 1/2" = 1'-0"



B1 TYP. EXTERIOR WALL 1 1/2" = 1'-0"
B2 TYP. EXTERIOR WALL 1 1/2" = 1'-0"



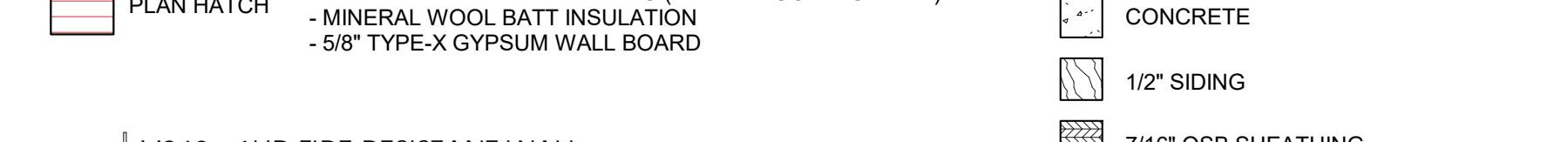
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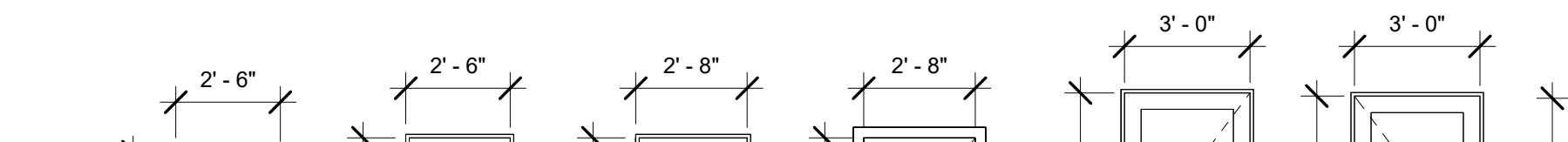
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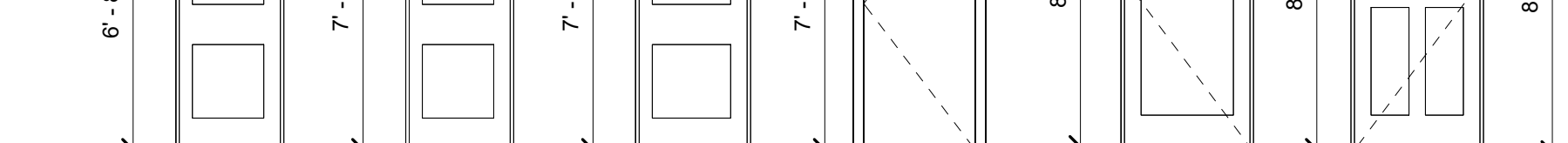
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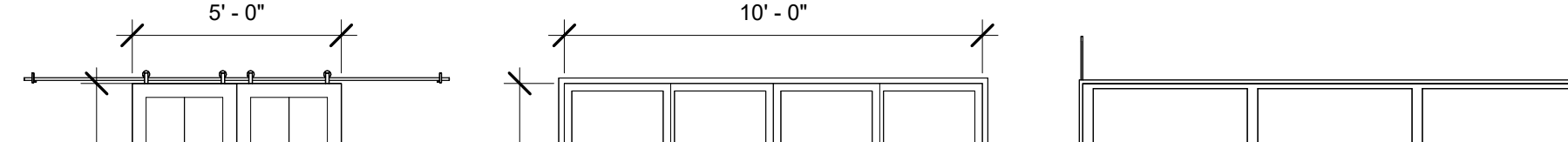
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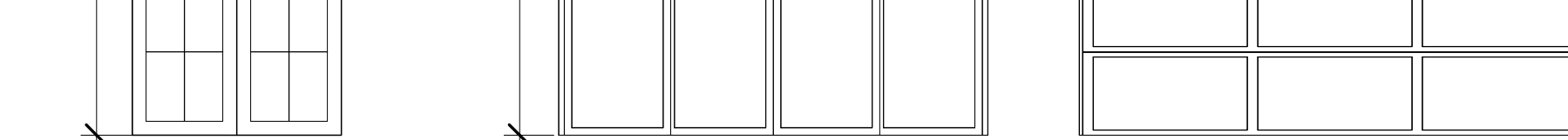
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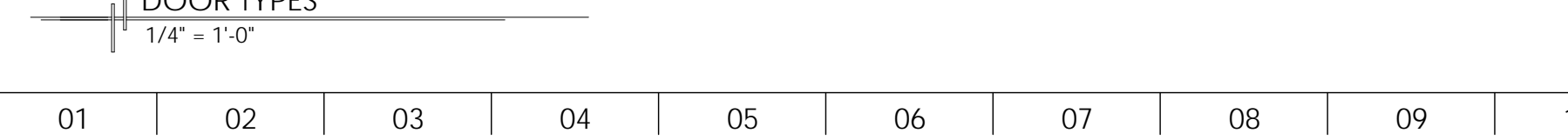
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B1 TYP. EXTERIOR WALL 1 1/2" = 1'-0"
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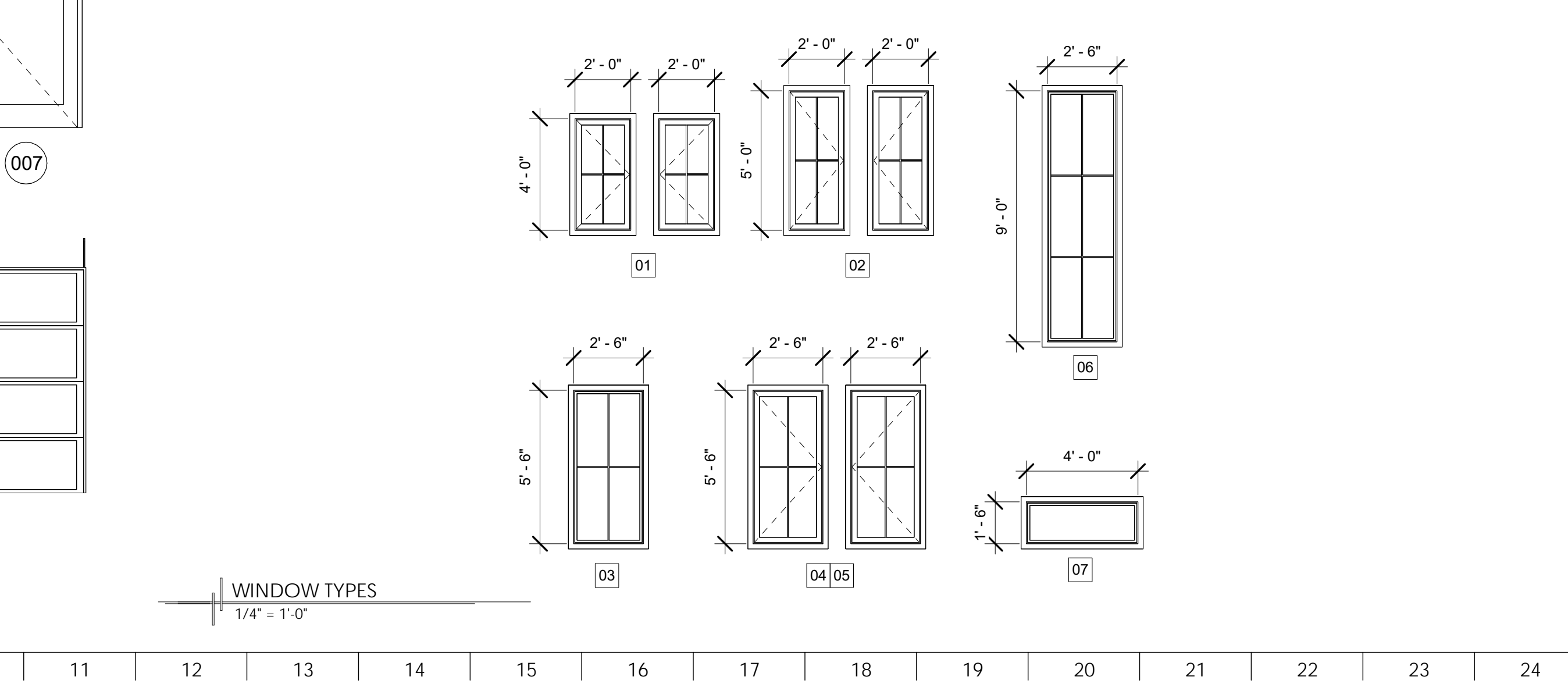
WALL SCHEDULE table with columns: Type Mark, Description, Width, Structure, Fire Rating, Linear Feet, Wall Area, Comments. Includes rows for plumbing wall, interior wall, exterior wall wood-like finish, exterior board + batten, exterior wall brick veneer, exterior wide siding, 1hr rated exterior board + batten, foundation wall, and foundation wall.

DOOR SCHEDULE table with columns: NOMINAL DIMENSIONS (No., Width, Height), Type, Swing Direction, Count, FINISH (Panel Material, Frame Material), Safety Glass, Comments. Includes rows for interior pocket door under stair, interior pocket door, interior pocket door, interior door, interior door, exterior full glass door, door from garage to entry, exterior half-lite door, exterior back door, full glass interior barn double door, exterior sliding door, and garage door.

WINDOW SCHEDULE table with columns: NOMINAL DIMENSIONS (No., Width, Height), Description, Count, Head Height, Sill Height, Material, Finish, Comments. Includes rows for right tilt/turn, left tilt/turn, fixed, and interior fixed window @ office.

OVERALL CONDITIONED AREA table with columns: Comments, Area. Shows 2714 SF conditioned and 1349 SF unconditioned, totaling 4063 SF.

OVERALL AREA SCHEDULE table with columns: No., Name, Level, Area, Comments. Lists areas for Foyer, PDR, Covered Front Porch, Garage, Office, Pantry, Kitchen/Living, Covered Rear Porch, Uncovered Rear Porch, Bonus Room, Laundry, W.I.C., Bed 1, Bath 1, Shared Bath, Bath 2, Bed 2, W.I.C., Master Bath, W.I.C., and Master Bed.



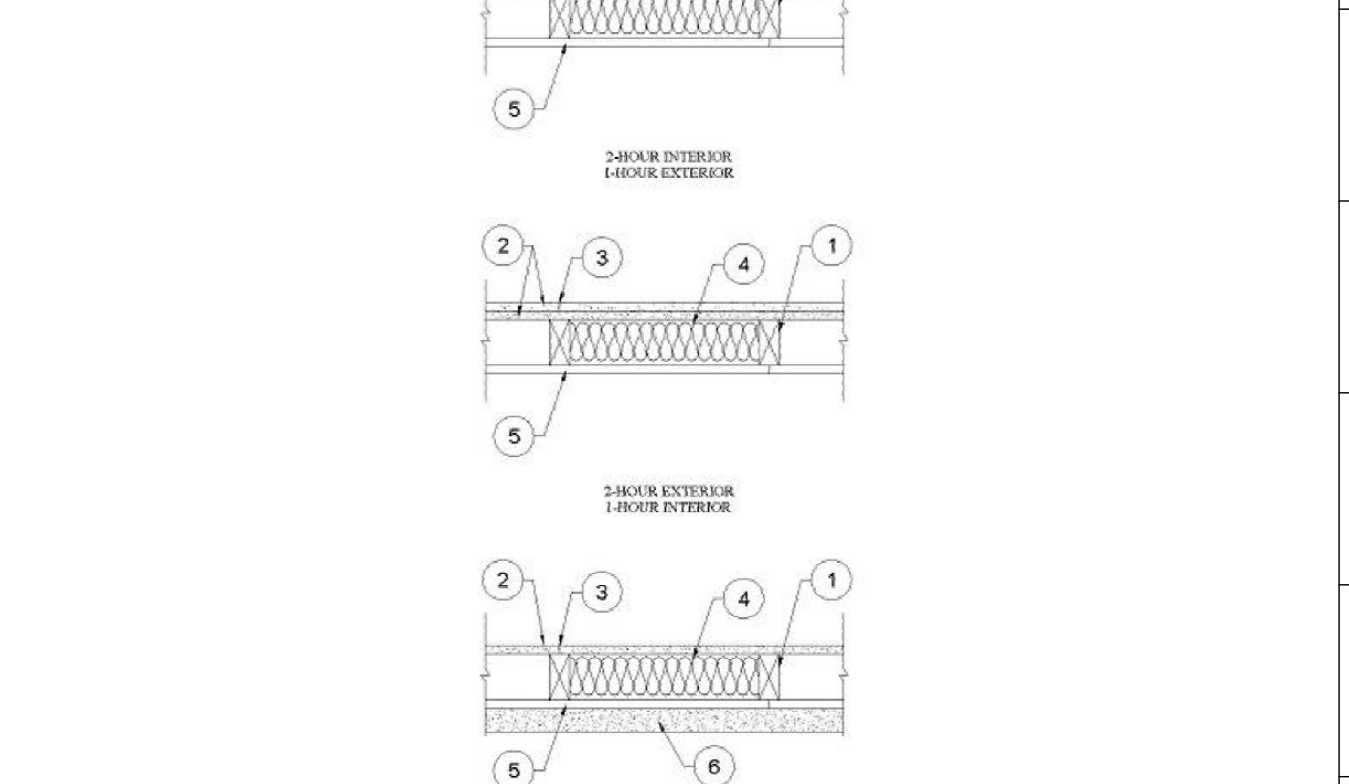
UL Product IQ™
REVISION
1 REVIEW CYCLE 1

Project: SAVAGE RESIDENCE
Number: 224010
Client: GORDON + STACY SAVAGE
Info: NEW CONSTRUCTION SINGLE FAMILY RESIDENCE
Location: 515 MIMOSA AVENUE KNOXVILLE, TN 37920

Design No. V340
July 8, 2021
Bearing Wall Rating - 1 Hr Exposed to Fire on Either Face
Bearing Wall Rating - 2 Hr Rating Exposed to Fire on Interior Face and 1 Hr Rating Exposed to Fire on Exterior Face (See Item 2)
Bearing Wall Rating - 2 Hr Rating Exposed to Fire on Exterior Face and 1 Hr Rating Exposed to Fire on Interior Face (See Item 6)

For Wood Studs, Finish Rating - 4 min (Exposed to Fire on Exterior Face)
Loaded Per 2012 NDS Supplement, ASD Method, Wall Braced by Sheathing, 40% of Design Load Applied to This Design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used - See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. Wood Studs - Nom 2 by 4 in., spaced 16 in. OC with double 2 by 4 top and single 2 by 4 in., bottom plates. Studs effectively firestopped.

2. Gypsum Board - Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305. 1 Hr rating - Nom. 5/8 in. thick, 4 ft wide, applied vertically, and nailed to studs and bearing plates 7 in. OC with 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam. and 1/4 in. diam. head. Vertical joints centered over studs and staggered min. 1 stud cavity from the vertical joints of the building units (Item #5). 2 Hr rating - two layers required, base layer nailed 6 in. OC with 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam. and 1/4 in. diam. head. The face layer nailed to the studs and bearing plates over the base layer, 6 in. OC with 8d cement coated nails, 2-3/8 in. long, 0.113 in. shank diam. 9/32 in. diam. head. Vertical joints in adjacent layers (multilayer system) staggered one stud cavity.

3. Joints and Nail Heads - Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound.

4. Batts and Blankets - Faced or unfaced mineral fiber insulation, 3-1/2 in. thick, minimum 2.87 pcf, friction fit in the wall cavity between studs, plates. See Batts and Blankets* (B2I2) category for names of Classified manufacturers.

5. Building Units - Building units placed with the laminate face against or laminate face away from, and nailed to, the wood framing, with 1-7/8 in. long, 6d nails, spaced 6 in. OC on the perimeter and 12 in. OC in the field. Vertical joints centered on studs. Horizontal joints backed with nom. 2 by 4 wood blocking. LOUISIANA-PACIFIC CORP - Type B2Bz2 1-Side LOUISIANA-PACIFIC CORP - Type LP FlameBlock 1-Side

6A. Brick - Brick veneer, minimum thickness of 3.4 inches, meeting the requirements of local code agencies. Brick veneer attached to the studs with corrugated metal wall ties attached to each stud with 8d cement coated nails, every sixth course of bricks and max 32 in. OC horizontally. One in. air space provided between brick veneer and sheathing.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2021-07-08

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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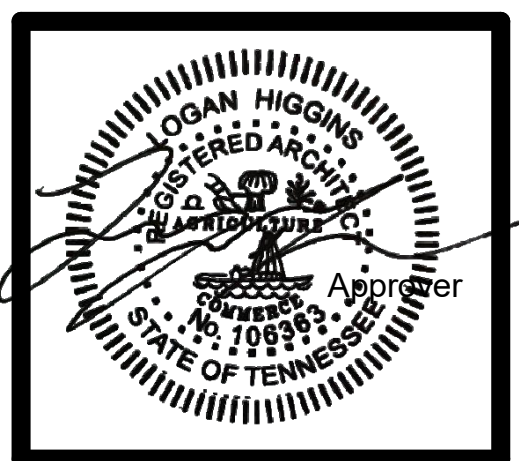
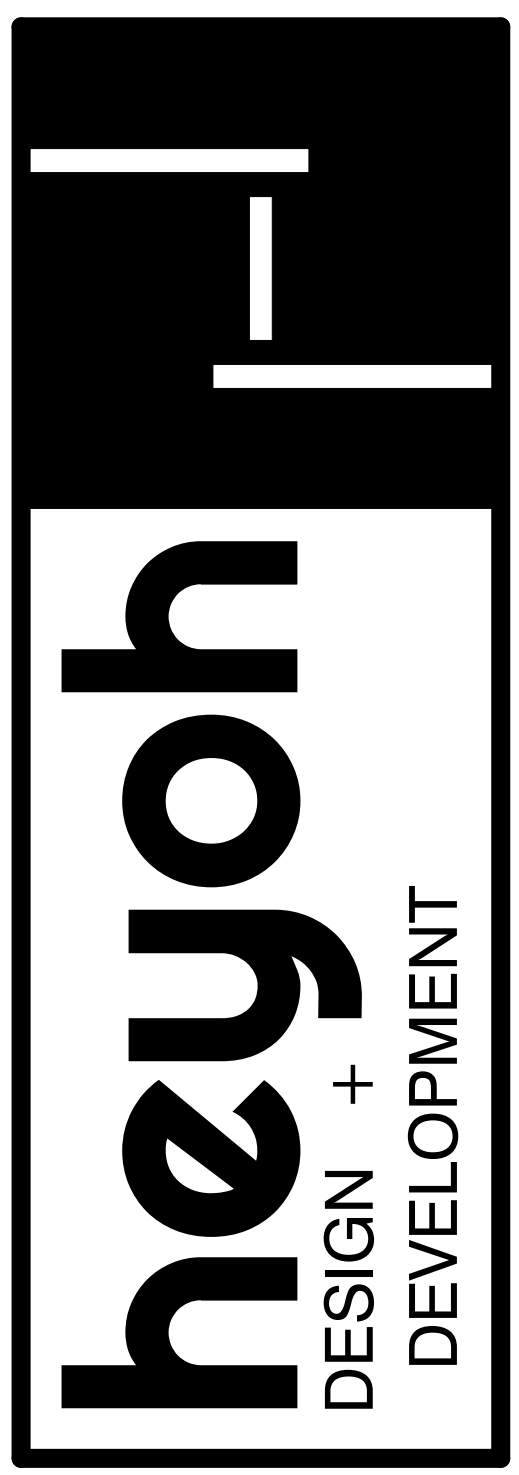
Project: SAVAGE RESIDENCE

Number: 224010

Client: GORDON + STACY SAVAGE

Info: NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location: 515 MIMOSA AVENUE KNOXVILLE, TN 37920



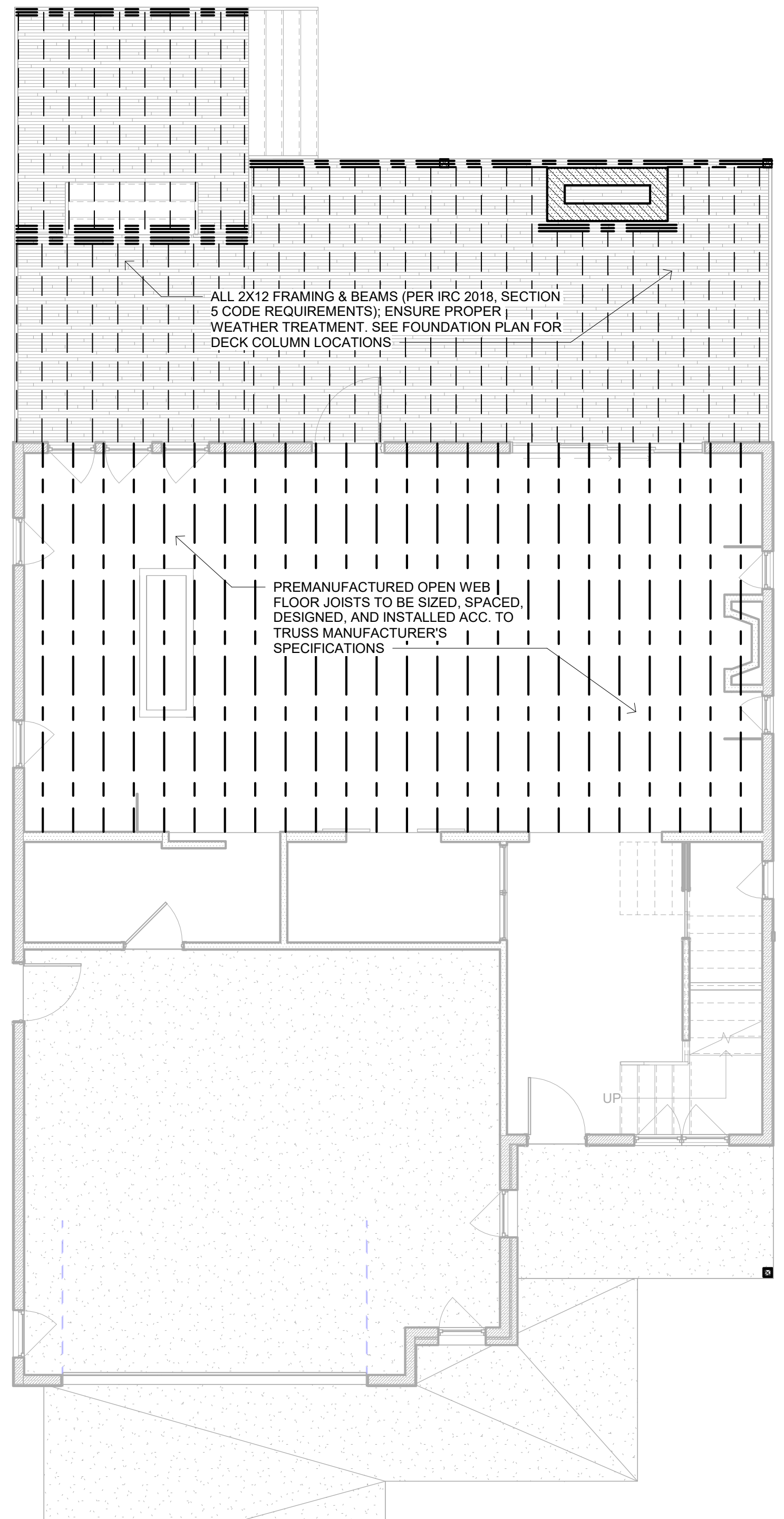
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As indicated

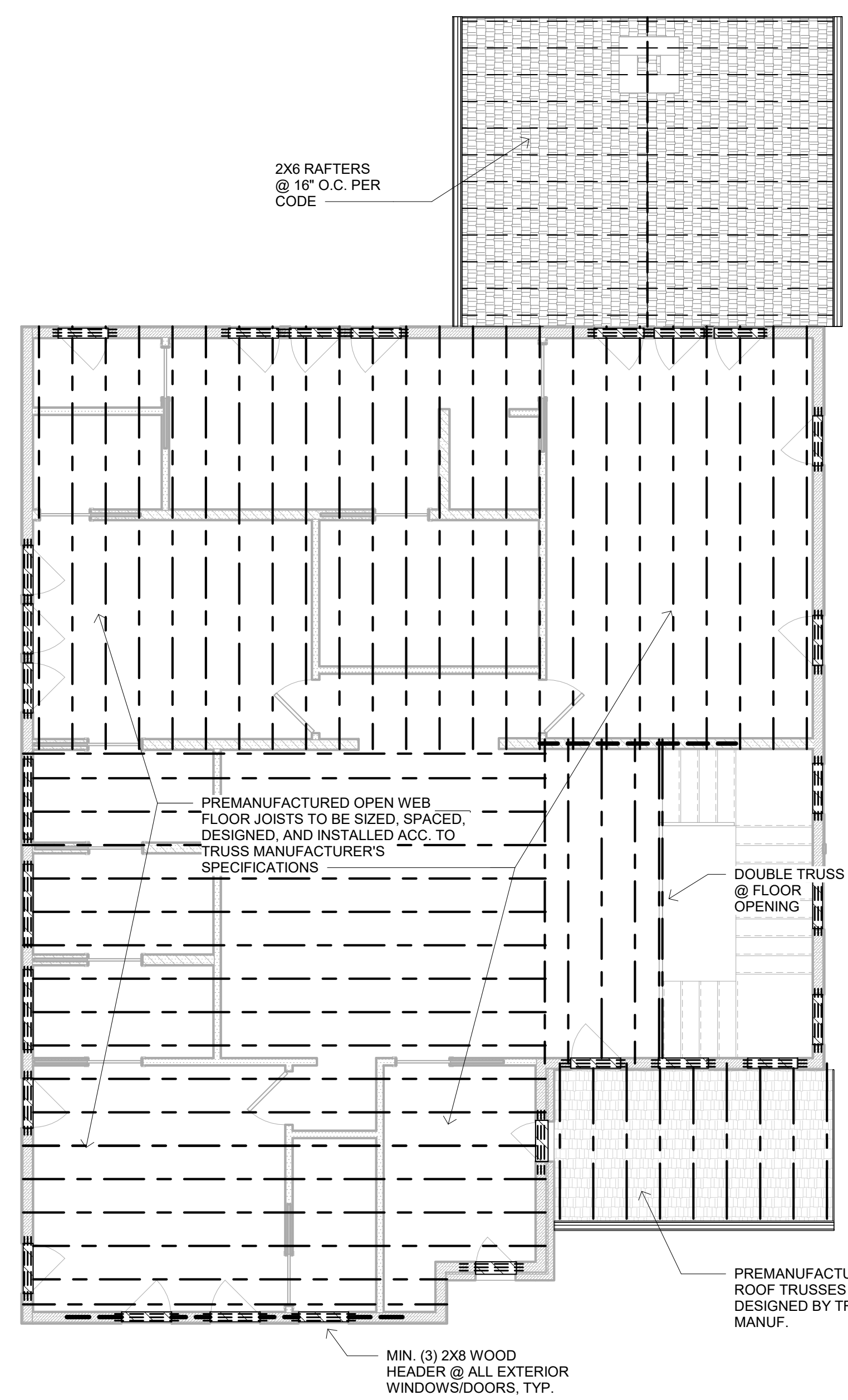
SHEET
A601
10 OF 12
SCHEDULE + DIAGRAMS

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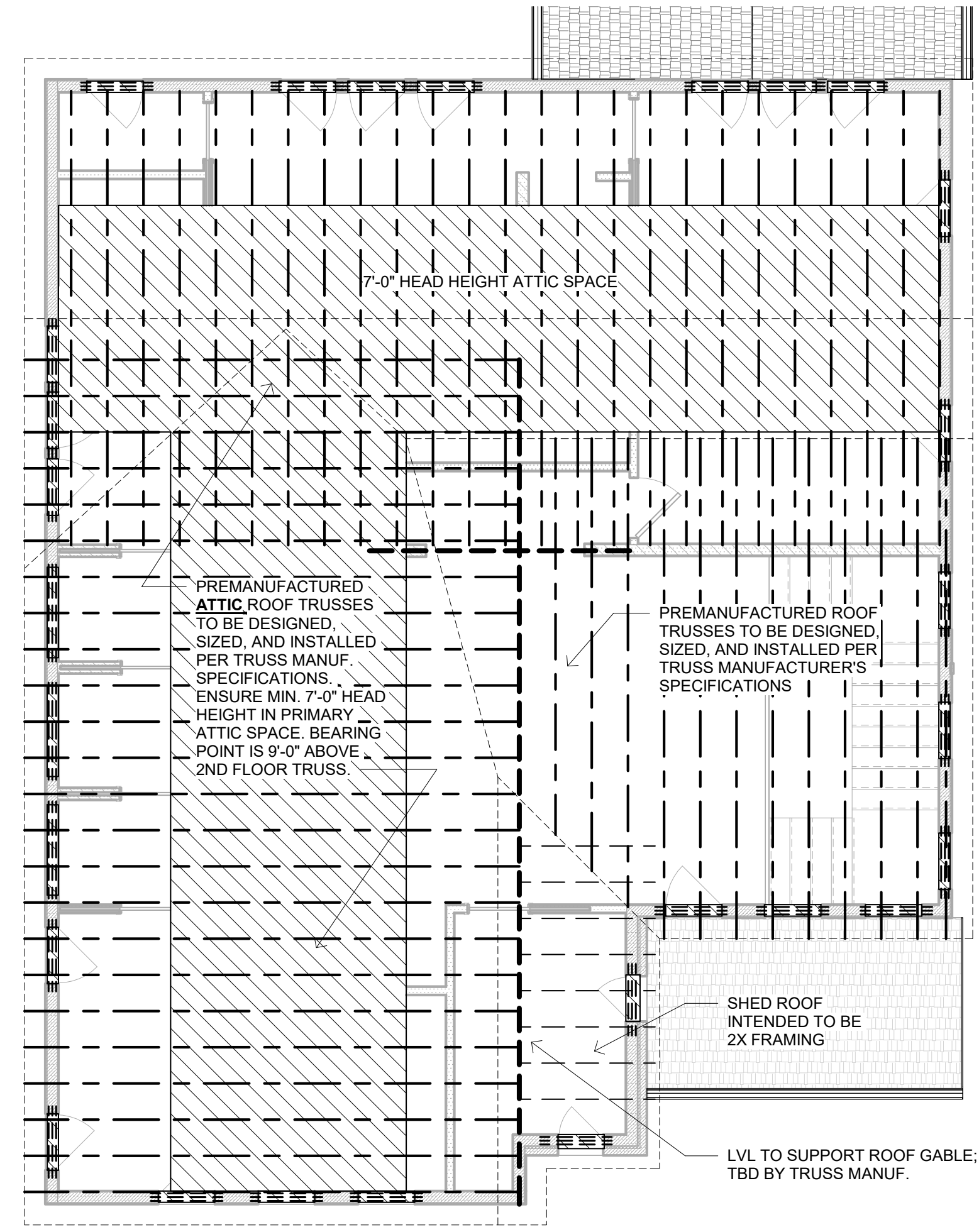
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1 | GROUND FLOOR FRAMING DIAGRAM
A701 | 3/16" = 1'-0"



2 | SECOND FLOOR FRAMING DIAGRAM
A701 | 3/16" = 1'-0"



3 | ROOF FRAMING PLAN DIAGRAM
A701 | 3/16" = 1'-0"

FRAMING GENERAL NOTE:

FLOOR & ROOF STRUCTURE TO BE SIZED AND DESIGNED BY ROOF TRUSS MANUFACTURER.

MANUFACTURER'S DRAWINGS AND SPECIFICATIONS MUST BE KEPT ON SITE FOR FIELD INSPECTIONS.

MANUFACTURER MUST NOTIFY ARCHITECT & CONTRACTOR IF ADDITIONAL REINFORCEMENT IS REQUIRED.

THESE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY.

REVISION	
No.	REVISION

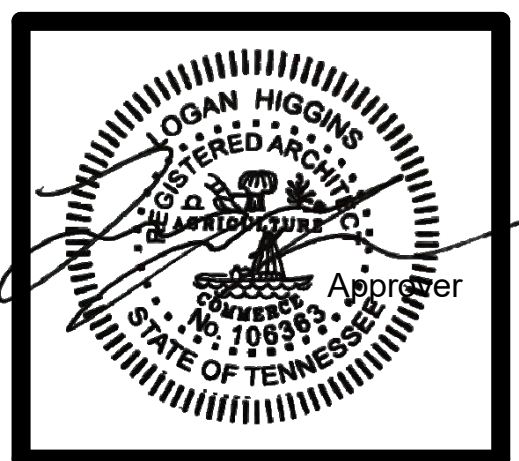
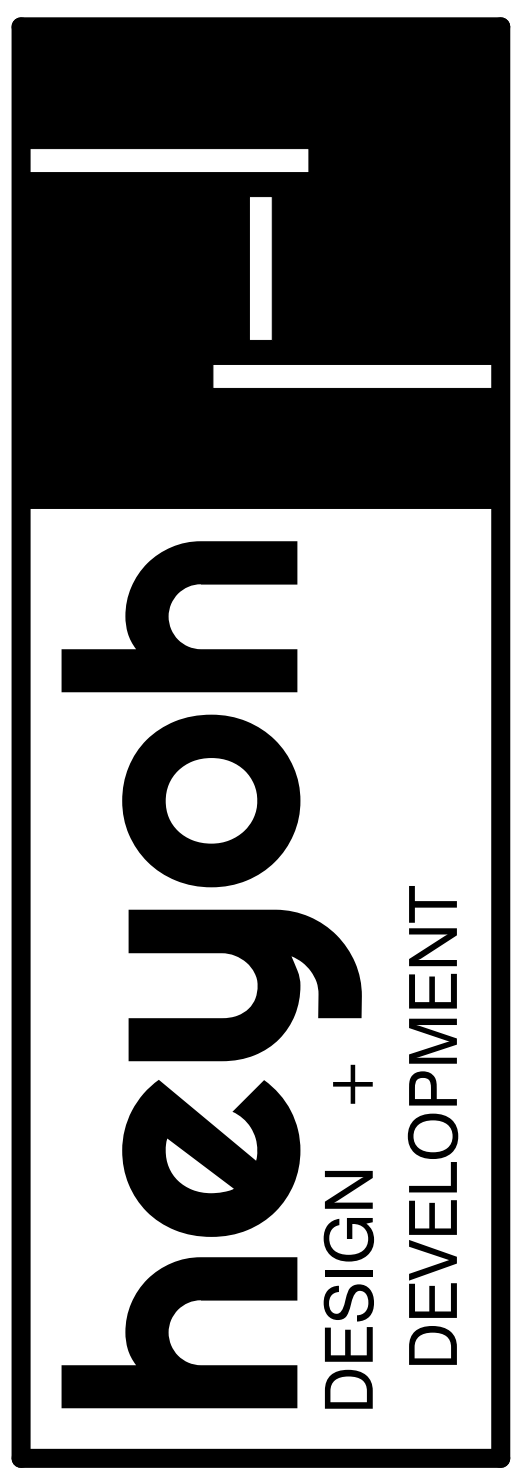
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
GORDON + STACY SAVAGE

Info:
NEW CONSTRUCTION SINGLE FAMILY RESIDENCE

Location:
515 MIMOSA AVENUE KNOXVILLE, TN 37920



CHECKED BY: SRD/LH
DRAWN BY: AL/SRD
10.30.2024
3/16" = 1'-0"

SHEET
A701
11 OF 12
STRUCTURAL DIAGRAMS

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

GENERAL NOTES REGARDING STRUCTURAL ELEMENTS

DESIGN CODES & SPECIFICATIONS

PROJECT STATE: TENNESSEE

BUILDING CODE: 2018 INTERNATIONAL RESIDENTIAL CODE

DESIGN LOADS: ASCE 7-10
"MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES"

CONCRETE CODE: ACI 318-11
"BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"

STEEL CODE: AISC 360-10
"SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"

WOOD CODE: NDS - 2018
"NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH 2012 SUPPLEMENT"

- A. ADDITIONAL APPLICABLE CODES AND SPECIFICATIONS ARE LISTED IN THE 2018 IRC.
- B. MATERIAL PROPERTIES, AS STATED IN THESE CONSTRUCTION DOCUMENTS, ARE BASED UPON MATERIALS CURRENTLY AVAILABLE FOR CONSTRUCTION AND MAY NOT CORRESPOND WITH TABLES PROVIDED IN THE CODES AND SPECIFICATIONS LISTED ABOVE. WHERE POSSIBLE, THESE CODES HAVE BEEN USED IN THEIR ENTIRETY. WHERE THESE CODES REFERENCE OBSOLETE INFORMATION, INFORMATION BASED UPON CURRENT INDUSTRY STANDARDS HAS BEEN SUBSTITUTED AS NECESSARY.

DESIGN LOADS:

STRUCTURAL DESIGN CODES: 2018 EDITION OF IBC & ASCE 7-10

LIVE LOADS:	FLOOR:	ROOF:
A. ROOF	-	20 psf
B. ELEVATED SLABS	100 psf	-
C. RESIDENTIAL FLOOR	40 psf	-

DRAWINGS

- A. CHANGES TO THE CONTRACT DOCUMENTS SHALL BE CLOUDED ON SHOP DRAWINGS OR REQUESTED IN WRITING. THE CONTRACTOR IS LIABLE FOR ANY DEVIATIONS UNLESS REVIEWED AND ACKNOWLEDGED BY THE HEYOH OR CONTRACTED ENGINEERS. SHOP DRAWING SUBMITTALS SHALL BE CHECKED FOR CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS.
- B. ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.
- C. HEYOH LLC OR ANY OF ITS EMPLOYEES SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR OR ANY OTHER PERSONS PERFORMING THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- D. RE: ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC NOT SHOWN ON THE STRUCTURAL DRAWINGS.

EXISTING CONDITIONS:

- A. IN ANY SITUATION WHERE EXISTING CONDITIONS AND/OR STRUCTURES ARE TO BE CONSIDERED, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND IN THE CASE OF ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY HEYOH OR ENGINEER IMMEDIATELY.

BUILDING SYSTEMS

- A. CONTRACTOR SHALL PROVIDE NECESSARY BRACING & SHORING AS REQ'D. UNTIL BLDG. SYSTEMS HAVE BEEN COMPLETED. STRUCTURE SHALL NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

FOUNDATIONS

- A. THE FOUNDATION DESIGN IS BASED UP AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF FOR SPREAD AND STRIP FOOTINGS. CONTRACTOR IS RESPONSIBLE FOR ENGAGING A GEOTECHNICAL TESTING AGENCY TO VERIFY ASSUMED ALLOWABLE BEARING PRESSURE AND TO ENSURE THAT ANTICIPATED TOTAL SETTLEMENT WILL NOT EXCEED 1".
- B. COORDINATE ALL FOOTING STEPS W/ UTILITIES.
- C. IF FOOTING ELEVATIONS SHOWN OCCUR IN DISTURBED, UNSTABLE, OR UNSUITABLE SOIL, THE ENGINEER SHALL BE NOTIFIED.
- D. CONTRACTOR TO COORDINATE LOCATION AND SIZE OF FOOTING STEPS AND SHOULD ADJUST AS REQUIRED TO MAINTAIN 1'-0" MINIMUM COVER OVER TOP OF FOOTING AND MEET LOCAL FROST DEPTH CRITERIA.

CONCRETE

- A. UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
- B. SLAB-ON-GRADE, ALL CONCRETE EXPOSED TO WEATHER, CONCRETE OVER METAL DECKS & ALL CONCRETE WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
- C. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE LESTONE AGGREGATE AND ENTRAINED AIR.
- D. LIMIT AIR CONTENT TO 3% FOR SLAB-ON-GRADE CONCRETE
- E. MAXIMUM W/C RATIO FOR SLAB-ON-GRADE SHALL BE 0.50.
- F. MAXIMUM W/C RATIO FOR ALL OTHER CONCRETE SHALL BE 0.55
- G. PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF BEAMS, WALLS, ETC.
- H. ALL SLAB-ON-GRADE CONSTRUCTION SHALL FOLLOW THE RECOMMENDATIONS OF "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION, ACI 302.1R-04"
- I. A MIN. 6 mil VAPOR BARRIER SHALL BE PROVIDED BELOW SLAB-ON-GRADE AT ALL LOCATIONS. VAPOR BARRIER SHALL BE LAPPED AND TAPED AS REQUIRED BY MANUFACTURER. RE: ARCH FOR ADDITIONAL VAPOR BARRIER REQUIREMENTS.
- J. UNLESS NOTED OTHERWISE BY STRUCTURAL DOCUMENTS, MINIMUM COVER FOR REINFORCING SHALL BE AS FOLLOWS:
 - a. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH _____ 3"
 - b. EXPOSED TO EARTH OR WEATHER
 - #5 OR SMALLER _____ 1 1/2"
 - #6 OR LARGER _____ 2"
 - c. NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND
 - SLABS, WALLS, JOISTS _____ 3/4"
 - #11 OR SMALLER _____ 3/4"
 - ALL OTHER _____ 1 1/2"
 - BEAMS, COLUMNS _____ 1 1/2"
 - PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS _____ 1 1/2"

REINFORCING STEEL

- A. WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH ASTM A185. WIRE FABRIC LOCATED IN CONCRETE SLABS SHALL BE LOCATED IN THE CENTER OF THE SLAB, U.N.O. BY STRUCTURAL DOCUMENTS. SUPPORTS USED SHALL BE SPACED A MAXIMUM OF 3'-0" O.C. IN ANY DIRECTION. ALL OTHER WIRE FABRIC SHALL MEET THE MINIMUM COVER REQUIREMENTS AS LISTED UNDER THE CONCRETE SECTION OF THIS SHEET. ALL WELDED WIRE FABRIC SHALL BE LAPPED ON CROSS WIRE SPACING PLUS 6" (10", MIN)
- B. REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60 WITH THE FOLLOWING REQUIREMENTS: (a) ACTUAL YIELD STRENGTH BASED ON MILL TESTS DOES NOT EXCEED 78 ksi. RETESTS SHALL NOT EXCEED THIS VALUE BY MORE THAN ADDITIONAL 3000 psi. (b) Fu / Fy SHALL NOT BE LESS THAN 1.25. (Fy = ACTUAL YIELD TENSILE STRENGTH, Fu = ACTUAL ULTIMATE TENSILE STRENGTH)
- C. REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE A.C.I. DETAILING MANUAL.
- D. CONCRETE: ALL TENSION REINFORCEMENT LAPS SHALL BE PER THE CONCRETE LAP SCHEDULE. LAP COMPRESSION REINFORCEMENT 22 BAR DIAMETERS (18" MIN.). REINFORCING SHALL BE CONTINUOUS AROUND CORNERS AND INTERSECTIONS.
- E. ALL REINFORCEMENT SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING THE PLACING OF CONCRETE.
- F. ALL HOOKS IN REINFORCEMENT SHALL BE AN ACI STANDARD HOOK, UNLESS NOTED OTHERWISE.
- G. WELDING REINFORCEMENT IS NOT PERMITTED UNLESS USING ASTM A706 GRADE 60

BRACING CONCRETE AND MASONRY WALLS

- A. CONTRACTOR SHALL PROVIDE ANY NECESSARY TEMPORARY BRACING FOR ALL WALLS BACK FILLING SHALL NOT OCCUR UNTIL PERMANENT LATERAL RESTRAINTS ARE INSTALLED.

TIMBER

- A. ALL TIMBER MEMBERS SHALL BE DOUGLAS FIR-LARCH NO.1 & BETTER OR EQUAL. ALLOWABLE WOOD STRESSES AS PROVIDED IN THE NATIONAL DESIGN STANDARD FOR WOOD CONSTRUCTION (NDS), SUPPLEMENT, TABLE 4D.
- B. THE DESIGN AND CONSTRUCTION OF TIMBER MEMBERS AND CONNECTIONS SHALL FOLLOW ALL REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC).
- C. ALL EXTERIOR TIMBER TO BE PROTECTED FROM WEATHER EXPOSURE.

STRUCTURAL STEEL:

- A. ALL ANCHOR BOLTS SHALL BE ASTM F1554-GR36, UNLESS NOTED OTHERWISE.
- B. PROVIDE MIN. 1-1/2" NON-SHRINK GROUT UNDER COLUMN BASE PLATES, U.N.O. FABRICATOR SHALL SUPPLY ADEQUATE GROUT BED FOR INSTALLATION AND ADJUSTMENT OF LEVELING NUTS.
- C. ALL PLATES AND ANGLES SHALL CONFORM TO ASTM A36. ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A992, GRADE 50. RECTANGULAR HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500, GRADE B WITH YIELD STRENGTH = 46 KSI. ROUND HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500, GRADE B WITH YIELD STRENGTH = 42 KSI.
- D. ALL WELDS SHALL BE MADE IN ACCORDANCE WITH THE LATEST PRACTICES OF A.W.S. USE E-70XX SERIES ELECTRODES.
- E. ALL STEEL, INCLUDING FASTENERS, EXPOSED TO WEATHER SHALL BE HOT DIP GALVANIZED.
- F. WELDING SHALL BE PERFORMED BY OPERATORS QUALIFIED IN ACCORDANCE WITH AWS TESTS FOR THE TYPES OF WELDING REQUIRED FOR THIS PROJECT. ALL WELDERS MUST BE CERTIFIED FOR THE TYPE OF WELDING SPECIFIED AND SHALL BE IN ACCORDANCE WITH AN APPROVED WPS. ALL QUALITY PROCEDURES AND PERSONNEL SHALL BE IN ACCORDANCE WITH AWS D1.1.

WOOD FRAMING

- A. THE FOLLOWING NOTES SHALL APPLY TO ALL WOOD FRAME APPLICATIONS, U.N.O. ELSEWHERE IN THESE CONSTRUCTION DOCUMENTS.
- B. ALL SHEARWALL AND BEARING WALL WOOD FRAMING (INCLUDING HEADERS) SHALL BE NO. 2 K.D. SOUTHERN PINE OR EQUAL. ALLOWABLE WOOD STRESSES AS PROVIDED IN THE NATIONAL DESIGN STANDARD FOR WOOD CONSTRUCTION (NDS), SUPPLEMENT, TABLE 4B INCLUDING ALL ADDENDA. ALL REMAINING WOOD FRAMING SHALL BE CONTRACTOR'S CHOICE, U.N.O.
- C. FRAMING CONNECTIONS FOR 2x WOOD FRAMING SHALL USE SIMPSON FRAMING FASTENERS OR EQUAL. WHERE FRAMING CONNECTORS ARE NOT SHOWN USE THE MINIMUM FASTENERS AND NAILING PATTERNS SHOWN ON THE GENERAL NOTES SHEET AND IN ACCORDANCE WITH CHAPTER 23 OF THE BUILDING CODE. IN THE EVENT OF ANY DISCREPANCIES WITH BETWEEN THE BUILDING CODE AND THE GENERAL NOTES SHEET, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- D. PLYWOOD ROOF SHEATHING SHALL BE APA RATED SHEATHING, MIN. 5/8" THICKNESS, TYP. U.N.O.
- E. PLYWOOD WALL SHEATHING SHALL BE APA RATED SHEATHING, MIN. 7/16" THICKNESS, TYP. U.N.O.
- F. ALL EXTERIOR WALL AND ROOF SHEATHING SHALL BE EXPOSURE I OR EXTERIOR GRADE PLYWOOD ROOF SHEATHING SHALL BE FASTENED TO WOOD FRAMING MEMBERS TO ACT AS AN UNBLOCKED PLYWOOD DIAPHRAGM. FASTEN PLYWOOD TO FRAMING MEMBERS WITH 8d NAILS SPACED AT 6" ON CENTER MAXIMUM AT ALL SUPPORTED EDGES AND 12" O.C. WITHIN THE FIELD OF THE PANEL, U.N.O. FASTENER PENETRATION INTO WOOD FRAMING SHALL BE 1 1/2" MINIMUM. FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO THE FRAMING MEMBERS, U.N.O.
- H. ALL WOOD FRAMING AND RELATED COMPONENTS SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION.
- I. STUDS SHALL HAVE FULL BEARING ON A 2" NOMINAL OR LARGER PLATE OR SILL. PLATE OR SILL WIDTH TO EQUAL OR EXCEED STUD WIDTH.
- J. COMBUSTIBLE FRAMING SHALL BE A MINIMUM OF 2", BUT SHALL NOT BE LESS THAN THE DISTANCE SPECIFIED IN CHAPTER 21 OF THE BUILDING CODE AND THE INTERNATIONAL MECHANICAL CODE, FROM FLUES, CHIMNEYS AND FIREPLACES, AND 6" AWAY FROM FLUE OPENINGS.
- K. WOOD COLUMNS AND POSTS SHALL BE FRAMED TO PROVIDE FULL END BEARING.
- L. ALL FOUNDATION PLATES/SILLS SHALL BE BOLTED TO THE FOUNDATION w/ 1/2" DIA. BOLTS @ 4'-0" O.C. MAX. SIMPSON MASA MUDSILL ANCHORS @ 3'-0" O.C. OR EQ., MAY BE SUBSTITUTED @ EXTERIOR WALLS. MINIMUM OF 2 ANCHORS PER WALL.
- M. SILL PLATES SHALL OVERLAP AT CORNERS AND WALL INTERSECTIONS.
- N. ALL SLEEPERS AND SILLS SHALL BE MADE OF PRESSURE TREATED WOOD.
- O. JOISTS AS USED IN THIS SECTION REFERS TO 2X FRAMING MEMBERS USED AS ROOF RAFTERS OR FLOOR JOISTS. NOTCHES AT JOIST ENDS SHALL NOT EXCEED ONE FOURTH THE DEPTH OF JOIST. HOLES BORED FOR PIPE OR CABLE SHALL BE WITHIN THE MIDDLE THIRD OF THE JOIST DEPTH AND THE DIAMETER OF SUCH HOLES SHALL NOT EXCEED ONE THIRD THE JOIST DEPTH OR 1", WHICHEVER IS GREATER. ALL OTHER REQUIRED HOLES OR NOTCHES MUST BE APPROVED BY STRUCTURAL ENGINEER. **CONTRACTOR NOTE:** THIS SECTION DOES NOT APPLY TO ENGINEERED WOOD MEMBERS: LVL OR PSL. CONTACT ENGINEER PRIOR TO NOTCHING OR DRILLING IN ENGINEERED WOOD MEMBERS.
- P. POST BASES AND CAPS FOR 4X4 AND 6X6 POSTS SHALL BE SIMPSON ABX SERIES AT BASE AND PCX SERIES AT CAP, TYP. U.N.O. EQUIVALENT MANUFACTURERS MAY BE USED.
- Q. HEADERS FRAMING INTO THE SIDE OF A COLUMN SHALL BE SUPPORTED WITH A SIMPSON HUCX SERIES CONCEALED HANGER, OR EQ. MODEL, TYP. U.N.O. EQUIVALENT MANUFACTURERS MAY BE USED.
- R. PRESSURE TREAT LUMBER IN ACCORDANCE WITH THE MANUAL OF RECOMMENDED PRACTICE OF THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA).
- S. ALL NAILS SUBJECT TO WEATHERING TO BE GALVANIZED (TYP. U.N.O.). ALL SHEARWALL NAILS TO BE GALVANIZED, TYP.
- T. ALL NAILS SPECIFIED WITHIN DRAWINGS SHALL BE COMMON NAILS (TYP. U.N.O.).

WOOD NAILING SCHEDULE:

- A. THIS NAILING SCHEDULE IS TYPICAL UNLESS OTHERWISE NOTED OR DETAILED. ALL NAILS SHALL BE COMMON WIRE NAILS (NO CLIPPED HEAD NAILS).

CONNECTION TYPE	NAILING
JOIST TO SILL OR GIRDER, TOE NAIL EACH SIDE	(3) 8d
BRIDGING TO JOIST, TOE NAIL EACH END	(2) 8d
SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	16d @ 16" O.C.
TOP PLATE TO STUD, END NAIL	(2) 16d
DOUBLE STUDS, FACE NAIL	16d @ 24" O.C.
DOUBLED TOP PLATES, FACE NAIL	(2) 16d @ 24" O.C.
CONTINUOUS HEADER, TWO PIECES	16d @ 16" O.C.
CEILING JOISTS TO PLATE, TOE NAIL	(3) 8d
CONTINUOUS JOISTS TO PLATE, TOE NAIL	(3) 8d
CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	(3) 16d
RAFTER TO PLATE, TOE NAIL	(3) 8d
BUILT-UP CORNER STUDS	16d @ 24" O.C.
CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	(3) 16d
PLYWOOD SHEATHING	SEE PLANS

TYPICAL NAIL SHANK DIAMETER AND LENGTHS

TYPE	DESCRIPTION	6d	8d	10d	16d
COMMON	LENGTH	2"	2 1/2"	3"	3 1/2"
NAILS	DIAMETER	0.113"	0.131"	0.148"	0.162"
	HEAD DIAMETER	0.266"	0.281"	0.312"	0.344"

REVISION	
No.	REVISION

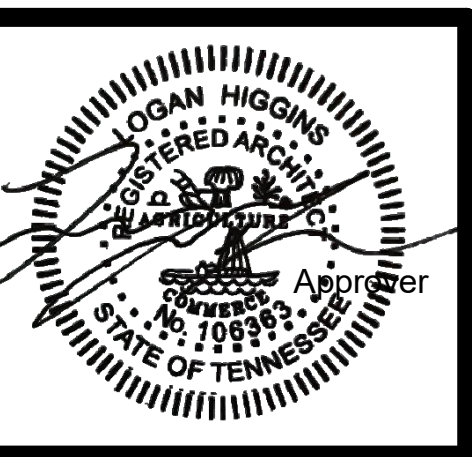
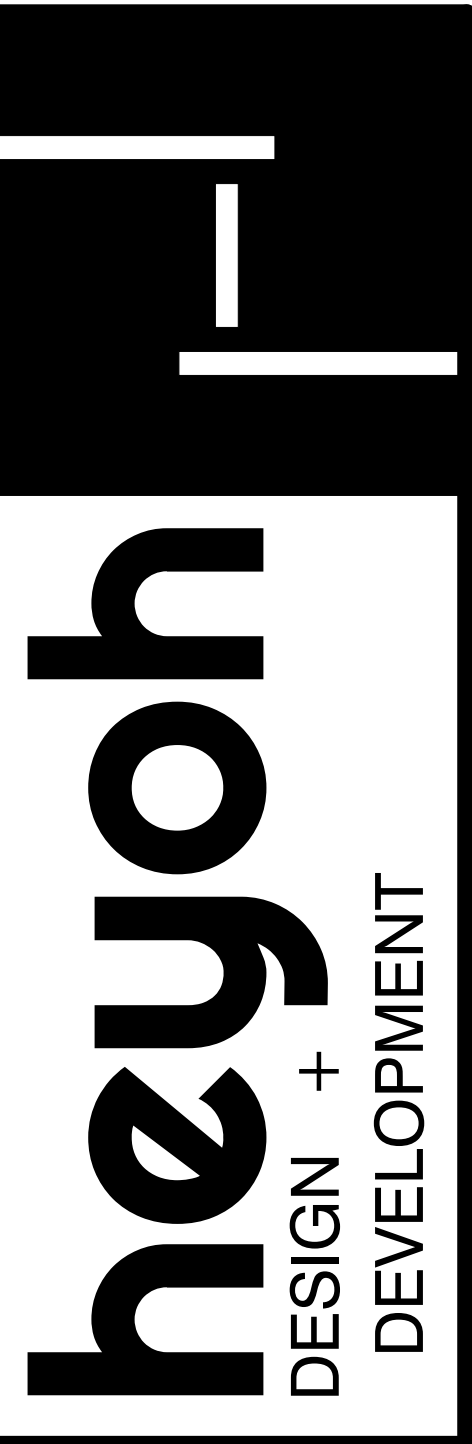
Project:
SAVAGE RESIDENCE

Number: 224010

Client:
GORDON + STACY SAVAGE

Info:
NEW CONSTRUCTION
SINGLE FAMILY
RESIDENCE

Location:
515 MIMOSA AVENUE
KNOXVILLE, TN 37920



CHECKED BY: SRD/LH

DRAWN BY: AL/SRD

10.30.2024

SHEET
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12 OF 12
GEN. STRUCT.
NOTES