

PROPERTY OWNER
GEOFF AND JULIE SWEET
XXXX 310TH AVENUE SE. RAVENSDALE WA 98051

TAX LOT NUMBER
042107-9187

LEGAL DESCRIPTION
PARCEL D, KING COUNTY BOUNDARY LINE ADJUSTMENT,
RECORDED NOVEMBER 25, 1996, UNDER RECORDING NUMBER
9611259005, BEING THER SOUTH HALF OF GOVERNMENT LOT
6, SECTION 4, TOWNSHIP 21 NORTH, RANGE 7 EAST, W.M., IN
KING COUNTY, WASHINGTON; SITUATE IN THE COUNTY OF
KING, STATE OF WASHINGTON.

SCOPE OF WORK
CONSTRUCTION OF A NEW 4,624 SF RESIDENCE WITH
ASSOCIATED SEPTIC SYSTEM, WELL, AND ASSOCIATED
LANDSCAPING AND HARDSCAPING.

BUILDING CODES
2015 INTERNATIONAL BUILDING CODE, 2015 INTERNATIONAL
RESIDENTIAL CODE, 2015 WA STATE ENERGY CODE, UNIFORM
PLUMBING CODE, INTERNATIONAL MECHANICAL CODE

ZONING RESTRICTIONS
ZONE RA10 - ONE DWELLING UNIT PER
10 ACRES
LOT AREA 871,200 SF (20.00 ACRES)
MAX IMPERVIOUS AREA 15% (PER KCZ 12A.12.0.30)

HEIGHT LIMIT 40' (PER KCZ 12A.12.0.30)

SETBACKS (F,B,S,S) 30', 10', 10', 10' (PER KCZ 12A.12.0.30)

PARKING 2.0 MIN. SPACES

PRESCRIPTIVE INSULATION REQUIREMENTS

CLIMATE ZONE 4C (MARINE)
FENESTRATION: U = 0.30
OVERHEAD GLAZING: U = 0.50
CEILINGS: R-49
VAULTED CEILINGS: R-38
WALLS: R-21 (W/ HEADERS INSULATED R-10 MIN.)
WALLS: R-21 (BELOW GRADE INTERIOR FRAMING)
WALLS: R-15 (BELOW GRADE CONT. INTERIOR)
WALLS: R-10 (BELOW GRADE EXTERIOR)
FLOORS: R-30
SLAB ON GRADE: R-10 (2' PERIMETER)

ALL NEW GLAZING AND DOOR U-VALUES AND INSULATION
R-VALUES TO SATISFY PRESCRIPTIVE PATH OF THE 2015
WASHINGTON STATE ENERGY CODE
(SEE WINDOW & DOOR SCHEDULE FOR INDIVIDUAL U VALUES)

ARCHITECT
LANE WILLIAMS ARCHITECTS
2420 8TH AVE W SEATTLE WA 98119
CONTACT: KELLEN WHITE
KELLEN@LANEWILLIAMS.COM
P. 206.284.8355

STRUCTURAL ENGINEER
EVERGREEN DESIGN CO
1044 WYNDHAM WAY
CAMANO ISLAND, WA 98282
CONTACT: LORI BROWN, PE
LORI@EVERGREENDESIGNCOMPANY.COM
360.387.8480

SURVEYOR
SITE SURVEY, INC.
21923 NE 11TH STREET SAMAMMISH, WA 98074
425.298.4412

CIVIL ENGINEER
CIVIL ENGINEERING SOLUTIONS
102 NW CANAL STREET SEATTLE, WA 98107
CONTACT: DUFFY ELLIS, PE
DUFFY@CESOLUTIONS.US
206.930.0342

IMPERVIOUS AREA CALCULATIONS
LOT AREA 871,200 SF (20.00 ACRES)
MAXIMUM IMPERVIOUS SURFACE (20%) - 174,240 SF

SEE IMPERVIOUS CALCULATIONS FROM PROVIDED CIVIL
ENGINEERING REPORT - VIA CIVIL ENGINEERING SOLUTIONS.

EARTH DISTURBANCE CALCULATIONS
SF OF EXCAVATION 2,400 SF
DEPTH OF EXCAVATION 8 FT
CUBIC YDS OF EXCAVATION 566 CY

FLOOR AREA CALCULATIONS
BASEMENT
HEATED 1,252 SF
UNHEATED 364 SF
GARAGE 669 SF
TRASH AREA 32 SF
TOTAL 2,317 SF

FIRST FLOOR
HEATED 2,339 SF
TOTAL 2,339 SF

TOTAL HEATED 3,591 SF
TOTAL SF 4,656 SF

BUILDING HEIGHT CALCULATIONS
MAX ALLOWABLE HEIGHT 40 FT
AVERAGE BUILDING ELEVATION 508.00'
ALLOWABLE BUILDING HEIGHT 548.00'
PROPOSED HEIGHT 519.00'

AVERAGE GRADE CALCULATIONS
SEE SHEET A1.

ROOF VENTILATION CALCULATIONS
SEE ROOF PLAN, SHEET A6.

FOUNDATION VENTILATION CALCULATIONS
NOT APPLICABLE.

HEATING SYSTEM
NEW HIGH EFFICIENCY GAS FURNACE W/ MIN. AFUE OF 92%

RESIDENTIAL ENERGY CREDIT CALCULATIONS
REQUIREMENTS PER SEC R406 TABLE R406.2:
MEDIUM DWELLING (> 1500SF AND < 5000 SF)=3.5 CREDITS

OPTION 1C EFFICIENT BUILDING ENVELOPE (2.0 CREDIT)

OPTION 3B HIGH EFFICIENCY HVAC EQUIPMENT (1.0 CREDIT)
AIR SOURCE HEAT PUMP WITH A MIN, HSPF OF 9.0

OPTION 5B EFFICIENT WATER HEATING (1.0 CREDIT)
GAS, PROPANE, OR OIL WATER HEATER WITH A MIN. EF OF 0.74

TOTAL CREDITS PROVIDED: 4.0 CREDITS

TESTS & CERTIFICATIONS
DUCT LEAKAGE TEST RESULTS SHALL BE PROVIDED TO THE
BUILDING INSPECTOR & HOMEOWNER PRIOR TO AN
APPROVED FINAL INSPECTION

A RESIDENTIAL ENERGY COMPLIANCE CERTIFICATE
COMPLYING WITH SEC 105.4 IS REQ'D TO BE COMPLETED BY
THE DESIGN PROFESSIONAL OR BUILDER & PERMANENTLY
POSTED WITHIN 3' OF THE ELECTRICAL PANEL PRIOR TO FINAL
INSPECTION

BUILDING AIR LEAKAGE TESTING, DEMONSTRATING AN AIR
LEAKAGE RATE NOT TO EXCEED 5 AIR CHANGES PER HOUR.
(R402.4.1.2) IS REQ'D PRIOR TO FINAL INSPECTION. THE TEST
RESULTS SHALL BE POSTED ON THE RESIDENTIAL ENERGY
COMPLIANCE CERTIFICATE

A SIGNED AFFIDAVIT DOCUMENTING THE DUCT LEAKAGE TEST
RESULTS SHALL BE PROVIDED TO THE BUILDING INSPECTOR
PRIOR TO AN APPROVED FINAL INSPECTION

DUCT LEAKAGE TEST RESULTS SHALL BE PROVIDED TO THE
BUILDING INSPECTOR & HOMEOWNER PRIOR TO AN
APPROVED FINAL INSPECTION

HIGH EFFICACY LUMINAIRES
MINIMUM 75% OF ALL INTERIOR LUMINAIRES SHALL BE HIGH
EFFICACY LUMINAIRES

VAPOR RETARDERS
VAPOR RETARDER PAINT LISTED FOR THIS APPLICATION, TO BE
USED ON THE INTERIOR SIDE OF ALL EXTERIOR WALLS AND
CEILINGS, 5 MIL POLY VAPOR BARRIER TO BE PLACED ON
UNDERSIDE OF NEW FLOOR SLABS, AND WOOD WALLS/
CEILINGS.

INDOOR AIR QUALITY
PRESCRIPTIVE PATH PER 2015 INTERNATIONAL MECHANICAL
CODE
ALL NEW EXHAUST DUCTS TO MEET REQUIREMENTS OF IMC
603.2.

NEW SOURCE SPECIFIC VENTILATION LOCATIONS PER IMC
TABLE 403.3:
BATHROOM FANS: MINIMUM 50CFM
(INTERMITTENT)
KITCHEN FANS: MINIMUM 100CFM
(INTERMITTENT)
*SEE PLANS FOR ACTUAL SIZING

SOURCE SPECIFIC VENTILATION CONTROLLED BY MANUAL
SWITCHES AND/OR TIMERS.

GENERAL NOTES
CONTACT ARCHITECT IMMEDIATELY CONCERNING ANY
DISCREPANCIES IN THE DRAWINGS PRIOR TO PROCEEDING
WITH WORK IN THE AFFECTED AREA.

DIMENSIONS ARE TO FACE OF CONCRETE AND FACE OF
FRAMING UNLESS OTHERWISE NOTED.

ALL APPLICABLE CODES, ORDINANCES, AND MINIMUM
STRUCTURAL REQUIREMENTS TAKE PRECEDENCE OVER ALL
DRAWING NOTES, SPECIFICATIONS, AND SIZES.

VERIFY ALL DIMENSIONS BEFORE BEGINNING WORK.

DO NOT SCALE DRAWINGS.

PROVIDE APPROVED DRAFTSTOPPING IN CONCEALED SPACE
BETWEEN CEILING AND FLOOR PER IBC.

PROVIDE APPROVED FIRESTOPPING IN WALLS PER IBC.

PROVIDE SOLID WOOD BLOCKING FOR SUPPORT AT ALL WALL
MOUNTED FIXTURES.

FLASH ALL OPENINGS WITH MINIMUM 26 GAUGE GALVANIZED
OR ALUMINUM.

CAULK ALL OPENINGS COMPLETELY.

ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY TO BE
PRESSURE TREATED.

ALL SMOKE DETECTORS TO BE HARDWIRED WITH BATTERY
BACK-UP PER CODE.

PROVIDE CARBON MONOXIDE DETECTORS AT ALL LEVELS PER
IRC R315

EACH DWELLING UNIT IS REQ'D TO BE PROVIDED WITH AT
LEAST 1 PROGRAMMABLE THERMOSTAT FOR THE REGULATION
OF TEMPERATURE

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PROJECTS.LANEWILLIAMS.COM/RAVENSDALE_PDFS

BIMX FORMAT //
PROJECTS.LANEWILLIAMS.COM/RAVENSDALE_BIMX

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S3.1	SECTIONS & DETAILS
S3.2	SECTIONS & DETAILS
S3.3	SECTIONS & DETAILS

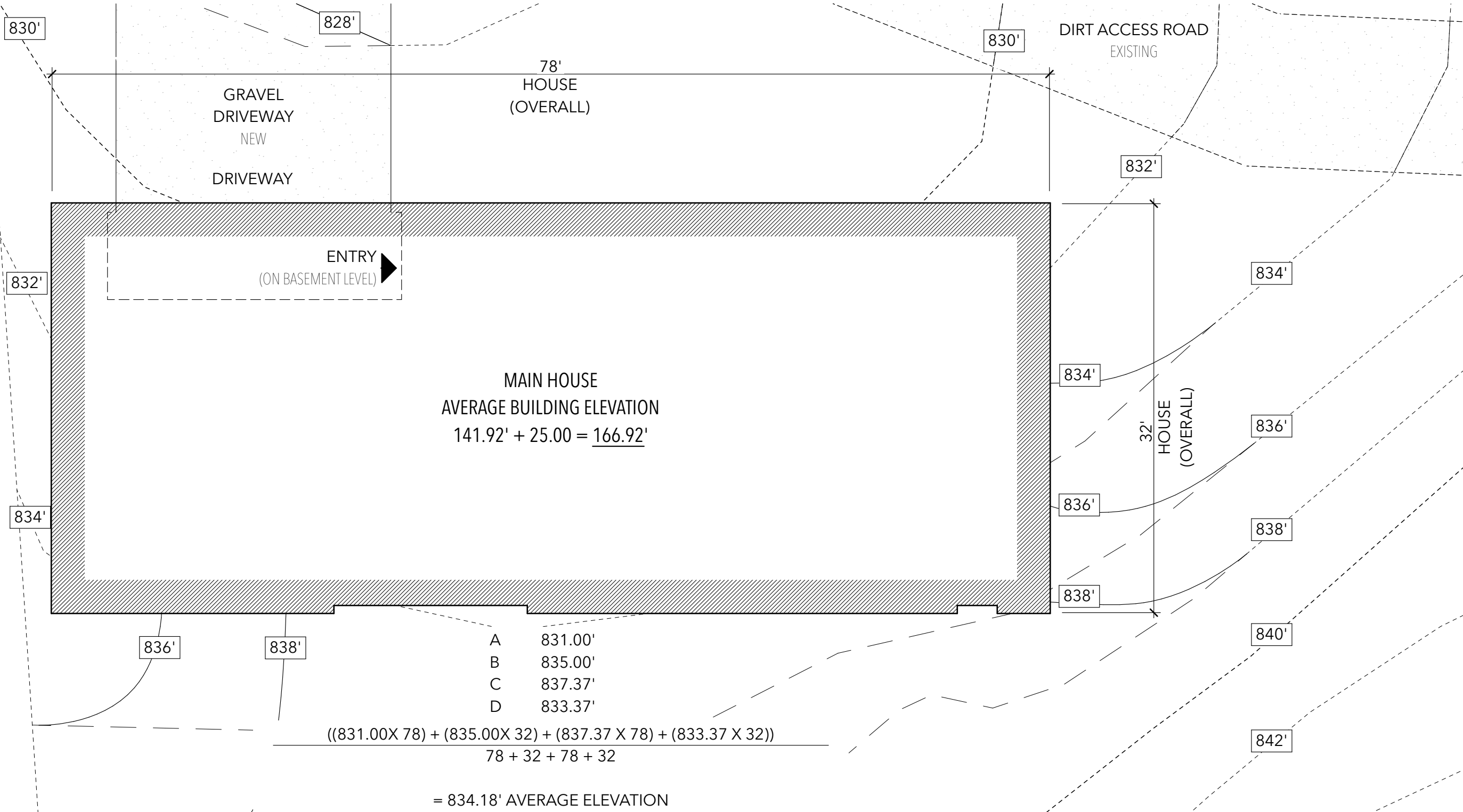
APPROVED PLANS AND SUPPLEMENTAL
DOCUMENTATION SHALL BE AVAILABLE ON
SITE IN PRINTED FORM AT THE CORRECT
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TO HAVE PLANS AND SUPPLEMENTAL
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INSPECTION CAN RESULT IN AUTOMATIC
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Plans reviewed for compliance. Issuance of
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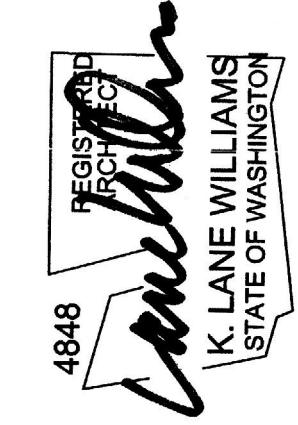
SAFEbuilt LLC
WASHINGTON

Amber Green

Reviewed By: Amber Green
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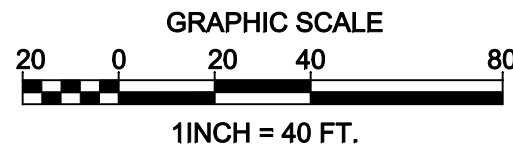
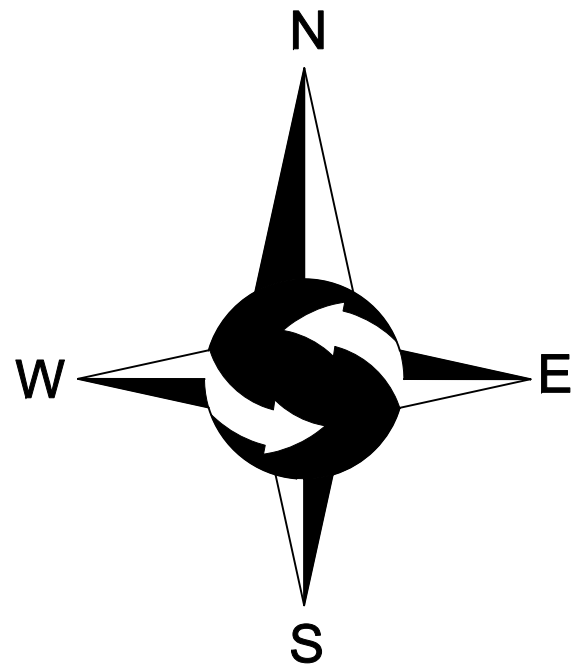
A1

PROJECT INFO/NOTES
PERMIT SET REV 03 01.05.23

RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS



LEGEND

	FOUND MONUMENT AS DESCRIBED		OHP OVERHEAD POWER
	FOUND REBAR AS DESCRIBED		OHU OVERHEAD UTILITIES
	TACK IN LEAD FOUND		CHAINLINK FENCE
	SET 5/8" X 24" IRON ROD WITH YELLOW PLASTIC CAP		WOOD FENCE
	POWER METER		CONCRETE WALL
	UTILITY POLE		ROCKERY
	GAS METER		ASPHALT SURFACE
	SANITARY SEWER CLEANOUT		CONCRETE SURFACE
	SANITARY SEWER MANHOLE		GRAVEL SURFACE
	WATER VALVE		
	FIRE HYDRANT		
	WATER METER		
	SIGN		
	APPROXIMATE LOCATION SANITARY SEWER LINE		
	APPROXIMATE LOCATION STORM DRAIN LINE		
		CE CEDAR	
		DS DECIDUOUS	
		SP SPRUCE	
		BI BIRCH	
		PI PINE	
		* INDICATES MULTI-TRUNK	

LEGAL DESCRIPTION

PARCEL D, KING COUNTY BOUNDARY LINE ADJUSTMENT, RECORDED NOVEMBER 25, 1996, UNDER RECORDING NUMBER 9811259005, BEING THE SOUTH HALF OF GOVERNMENT LOT 6, SECTION 4, TOWNSHIP 21 NORTH, RANGE 7 EAST, W.M., IN KING COUNTY, WASHINGTON;

SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

BASIS OF BEARINGS

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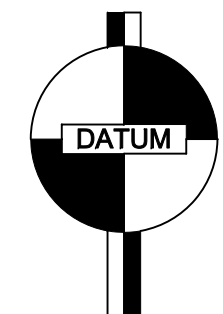
PROJECT INFORMATION

SURVEYOR:	SITE SURVEYING, INC. 21923 NE 11TH ST SAMMAMISH, WA 98074 PHONE: 425.298.4412
PROPERTY OWNER:	GEOFF & JULIE SWEET 27805 217TH AVENUE SE MAPLE VALLEY, WA 98038
TAX PARCEL NUMBER:	042107-9187
PROJECT ADDRESS:	XXX 310TH AVENUE SE RAVENSDALE, WA 98051
ZONING:	RA10
JURISDICTION:	KING COUNTY
PARCEL ACREAGE:	852,109 S.F. (± 19.58 ACRES) AS SURVEYED

GENERAL NOTES

- THIS SURVEY WAS COMPLETED WITHOUT BENEFIT OF A CURRENT TITLE REPORT. EASEMENTS AND OTHER ENCUMBRANCES MAY EXIST ON THIS PROPERTY THAT ARE NOT SHOWN HEREON.
- INSTRUMENTATION FOR THIS SURVEY WAS A 3-SECOND NIKON NIVO 5.C TOTAL STATION. PROCEDURES USED IN THIS SURVEY MEET OR EXCEED STANDARDS SET BY WAC 332-130-090.
- THE INFORMATION ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE IN JULY 2018 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- UTILITIES SHOWN ON THIS SURVEY ARE BASED UPON ABOVE GROUND OBSERVATIONS AND AS-BUILT PLANS WHERE AVAILABLE. ACTUAL LOCATIONS OF UNDERGROUND UTILITIES MAY VARY AND UTILITIES NOT SHOWN ON THIS SURVEY MAY EXIST ON THIS SITE.
- ALL MONUMENTS WERE LOCATED DURING THIS SURVEY UNLESS OTHERWISE NOTED.

VERTICAL DATUM & CONTOUR INTERVAL

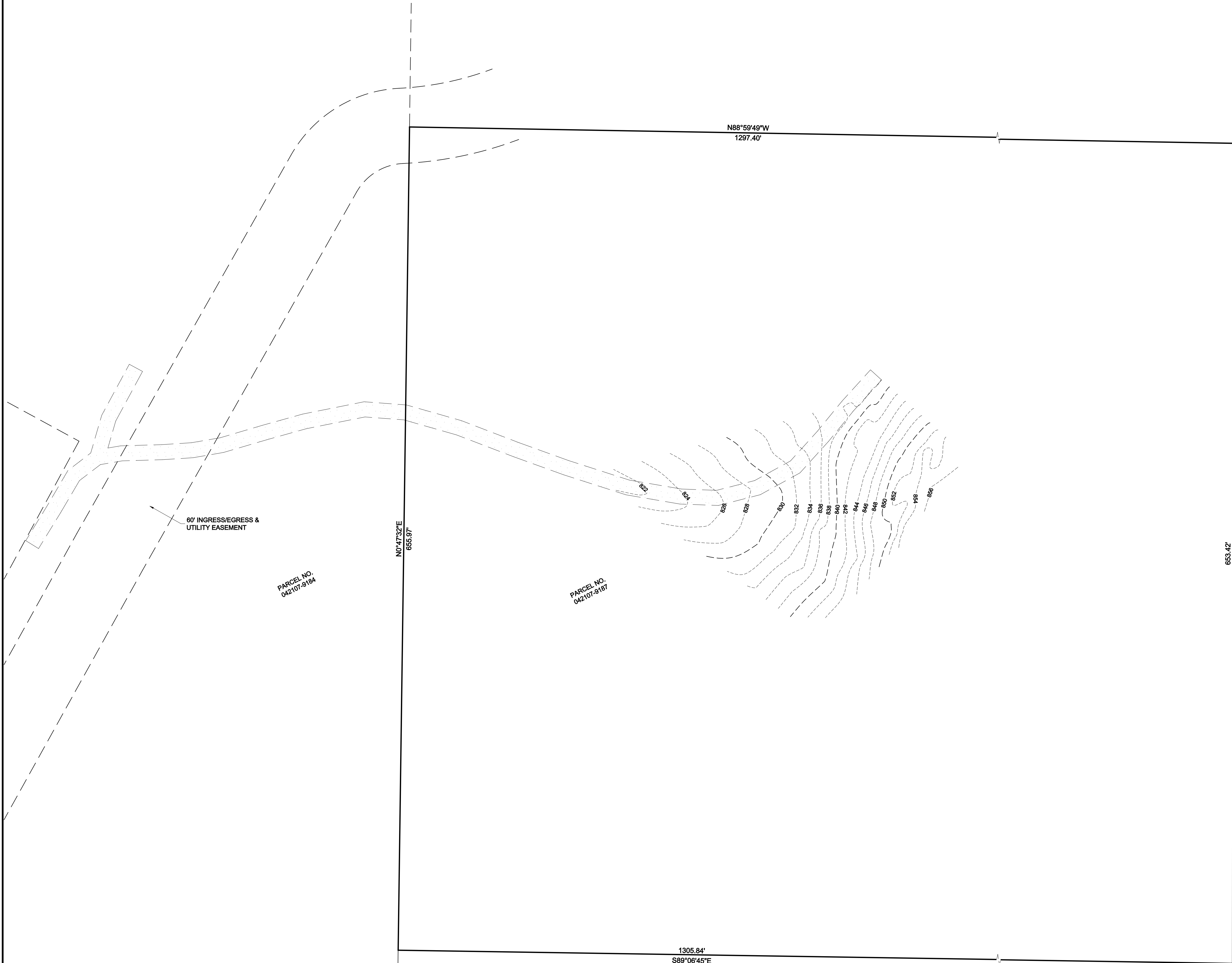


ELEVATIONS SHOWN ON THIS DRAWING WERE DERIVED FROM INFORMATION PROVIDED BY WCCS SURVEY CONTROL DATABASE.

THE MARK IS AN IRON PIPE SOUTHWEST OF THE SOUTH EDGE OF ASPHALT ON RETREAT-KANASKAT ROAD, SOUTHWEST OF THE SOUTHEAST CORNER OF A FENCE THAT SURROUNDS THE POWER SUB STATION.

POINT ID NO. 7716;
ELEVATION: 818.312 - NAVD 88

2.0' CONTOUR INTERVAL - THE EXPECTED VERTICAL ACCURACY IS EQUAL TO 1/3 THE CONTOUR INTERVAL OR PLUS / MINUS 1.0' FOR THIS PROJECT.



NE 1/4, NW 1/4, SEC 04, TWP 21N, RNG 7E, W.M.



DATE	REVISION	DRN

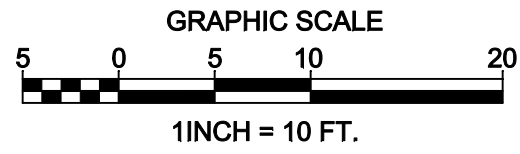
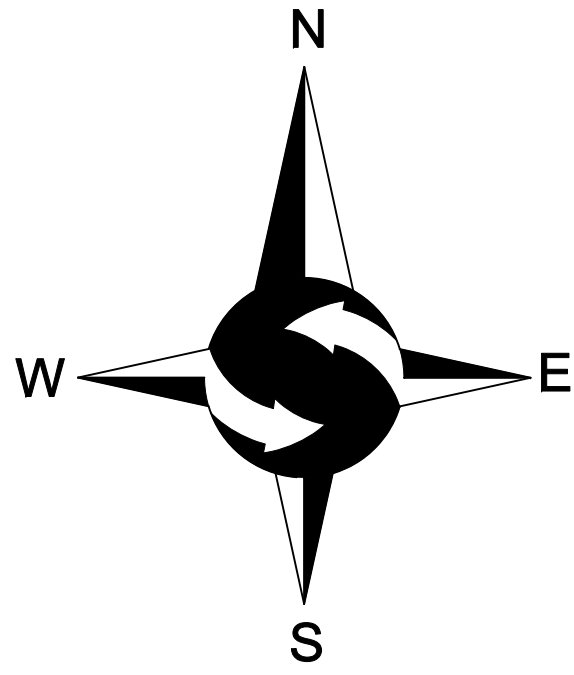
TOPOGRAPHIC SURVEY

GEOFF & JULIE SWEET
XXX 310TH AVENUE SE
RAVENSDALE, WA 98051

PROJECT NO. 18-016

DRAWN BY: EFJ
CHECKED BY: TNW
DATE: 10/21/19

SHEET 1 OF 1



LEGEND

	FOUND MONUMENT AS DESCRIBED		OHP - OVERHEAD POWER
	FOUND REBAR AS DESCRIBED		OHU - OVERHEAD UTILITIES
	TACK IN LEAD FOUND		CH - CHAINLINK FENCE
	SET 5/8" X 24" IRON ROD W/1" YELLOW PLASTIC CAP		WF - WOOD FENCE
	POWER METER		CON - CONCRETE WALL
	UTILITY POLE		ROCK - ROCKERY
	GAS METER		ASP - ASPHALT SURFACE
	SANITARY SEWER CLEANOUT		CONC - CONCRETE SURFACE
	SANITARY SEWER MANHOLE		GRAV - GRAVEL SURFACE
	WATER VALVE		
	FIRE HYDRANT		
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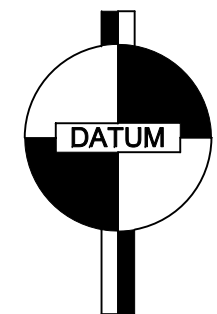
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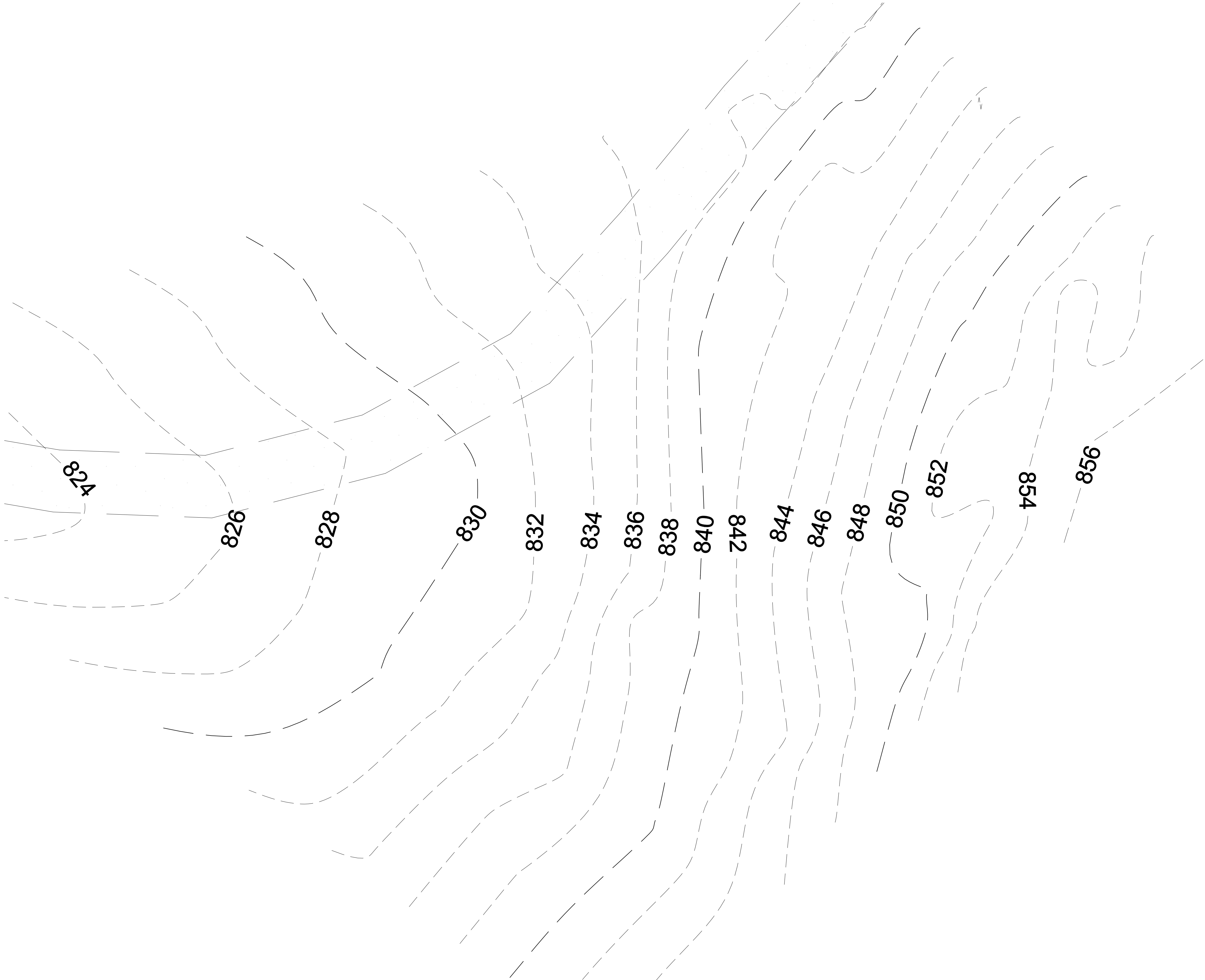


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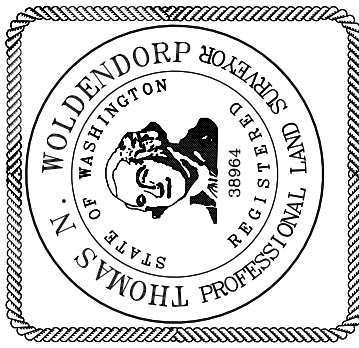
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NE 1/4, NW 1/4, SEC 04, TWP 21N, RNG 7E, W.M.



www.sitesurveying.com

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Phone: 425.298.4412

TOPOGRAPHIC SURVEY

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RAVENSDALE, WA 98051

PROJECT NO. 18-016

DRAWN BY: EFJ
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SHEET 1 OF 1

SITE PLAN KEY

- ---

SS

PROPERTY LINE

SETBACK LINE

STREET CENTERLINE

EXISTING BUILDING (TO BE REMOVED)

NEW PAVED AREA

NEW BUILDING AREA

EXISTING BUILDING AREA TO REMAIN

SANITARY SEWER LINE

POWER POLE

WATER METER
- E

G

600'

600'

D

CW

G

PL

POWER METER

GAS METER

ORIGINAL GRADE CONTOUR LINE

NEW CONTOUR LINE

FILTER FABRIC FENCE

DRAINAGE LINE (SEE CIVIL)

WATER LINE

GAS LINE

EXIST GRADE ELEVATION

POWER LINE

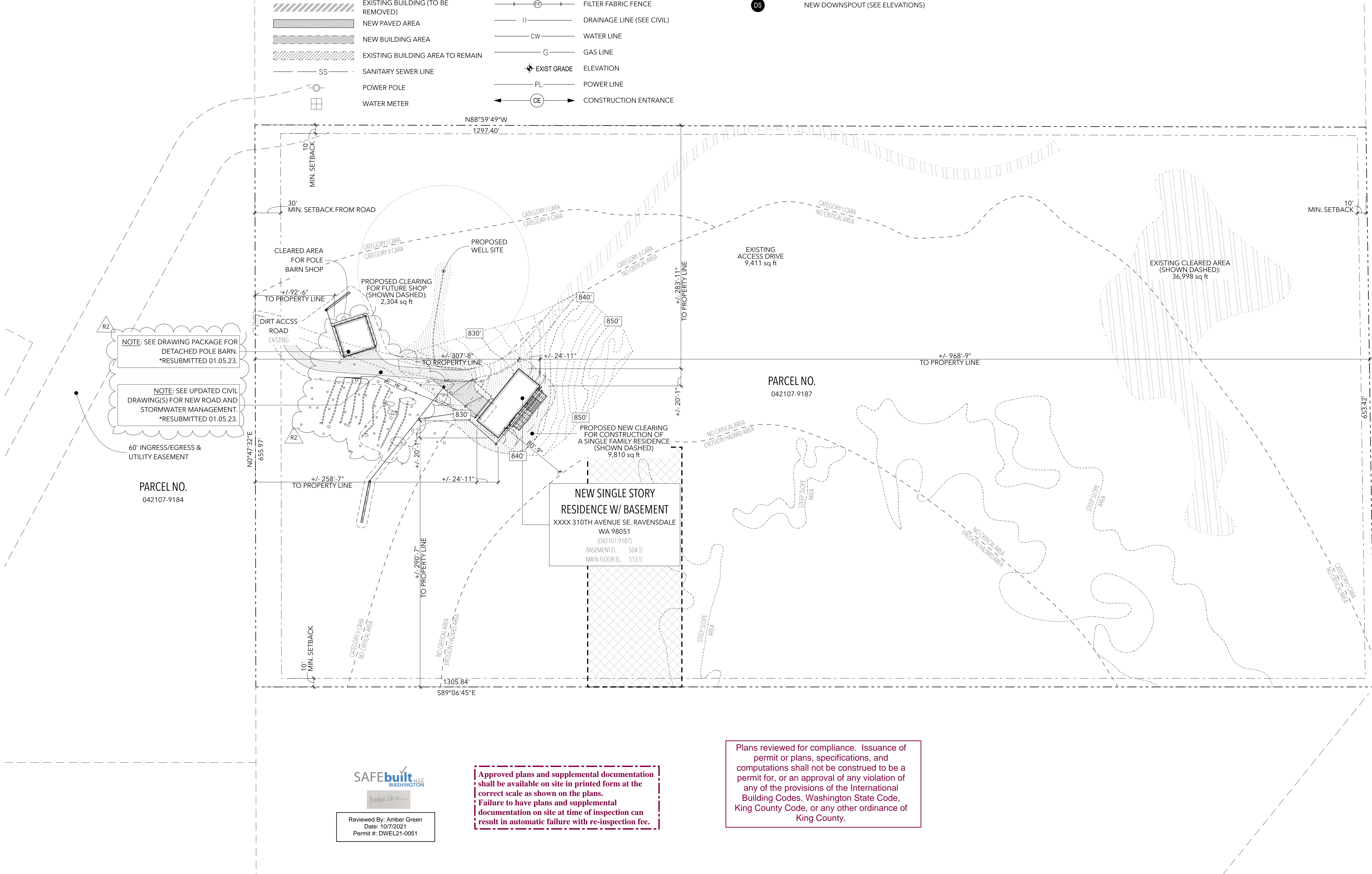
CONSTRUCTION ENTRANCE
- COVERED STOCK PILE

TREE DRIP LINE

PROTECTION FENCING

EXISTING DOWNSPOUT TO REMAIN

NEW DOWNSPOUT (SEE ELEVATIONS)



SAFEbuilt LLC
WASHINGTON
Amber Green
Reviewed By: Amber Green
Date: 10/7/2021
Permit #: DWEL21-0051

Approved plans and supplemental documentation shall be available on site in printed form at the correct scale as shown on the plans. Failure to have plans and supplemental documentation on site at time of inspection can result in automatic failure with re-inspection fee.

Plans reviewed for compliance. Issuance of permit or plans, specifications, and computations shall not be construed to be a permit for, or an approval of any violation of any of the provisions of the International Building Codes, Washington State Code, King County Code, or any other ordinance of King County.



LANE WILLIAMS ARCHITECTS
2420 8TH AVE W
SEATTLE, WA 98119
206-284-8355



A2

SITE PLAN
PERMIT SET REV 03 01.05.23

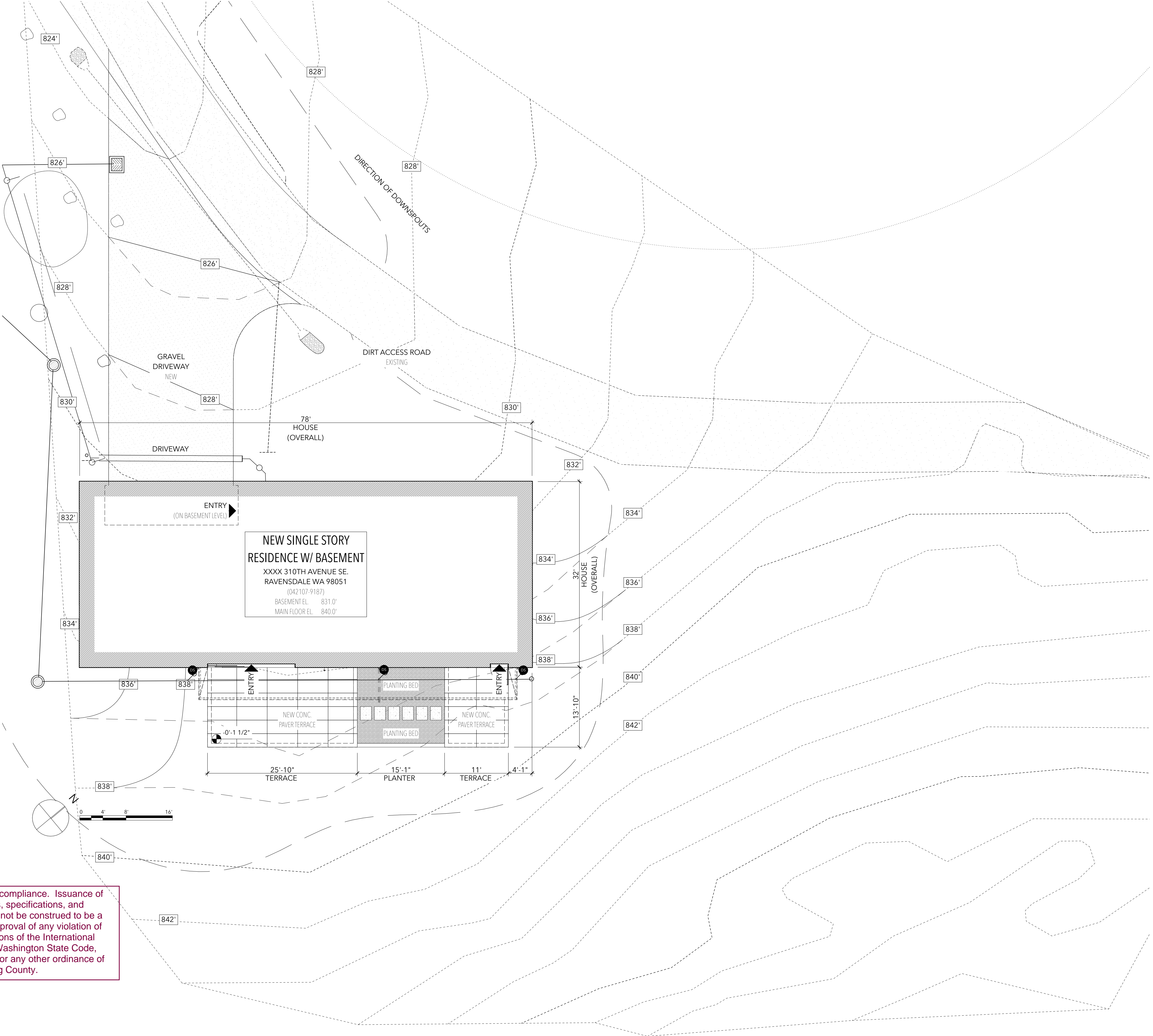
RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS

SITE PLAN KEY

- PROPERTY LINE
- SETBACK LINE
- STREET CENTERLINE
- EXISTING BUILDING (TO BE REMOVED)
- NEW PAVED AREA
- NEW BUILDING AREA
- EXISTING BUILDING AREA TO REMAIN
- SS SANITARY SEWER LINE
- POWER POLE
- WATER METER
- POWER METER
- GAS METER
- 600' ORIGINAL GRADE CONTOUR LINE
- 600' NEW CONTOUR LINE
- FP FILTER FABRIC FENCE
- ID DRAINAGE LINE (SEE CIVIL)
- CW WATER LINE
- G GAS LINE
- EXIST GRADE ELEVATION
- PL POWER LINE
- CE CONSTRUCTION ENTRANCE
- CPC COVERED STOCK PILE
- DRIP LINE
- P PROTECTION FENCING
- DS EXISTING DOWNSPOUT TO REMAIN
- DS NEW DOWNSPOUT (SEE ELEVATIONS)



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SAFEbuilt
WASHINGTON

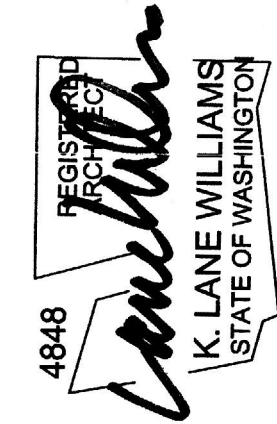
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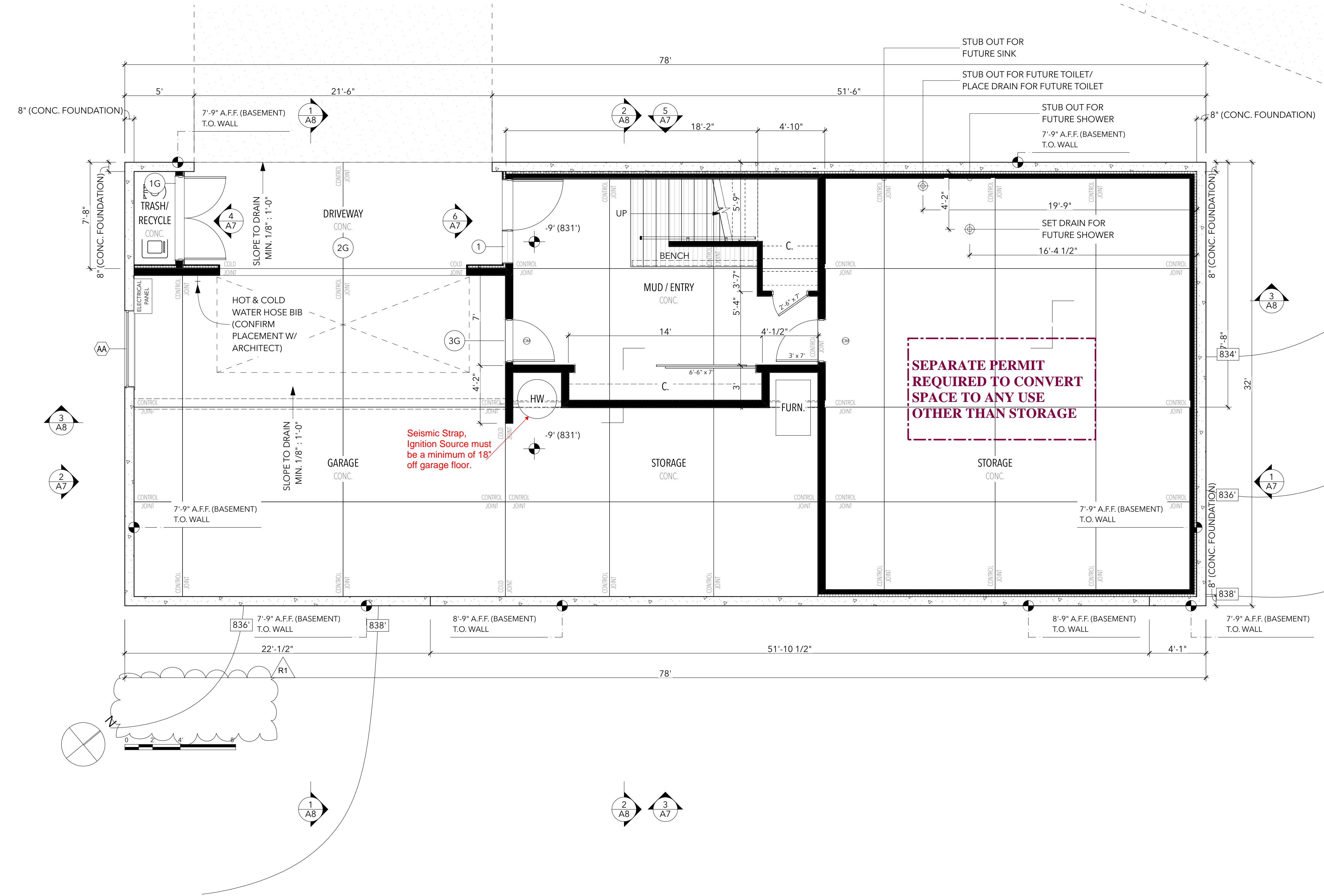
A3

DETAILED SITE PLAN
PERMIT SET REV 03 01.05.23

RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS



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

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SAFEbuilt LLC
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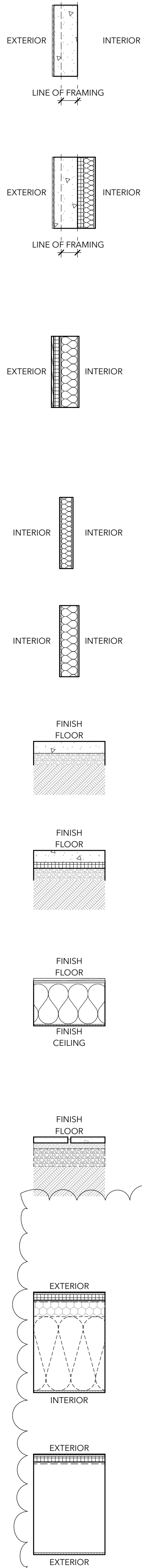
Amber Green

Reviewed By: Amber Green
Date: 10/7/2021
Permit #: DWEL21-0051

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SYMBOL KEY

- WINDOW SYMBOL
- OVERHEAD WINDOW SYMBOL
- DOOR SYMBOL
- SMOKE DETECTOR
- SMOKE DETECTOR/ CARBON MONOXIDE DETECTOR
- EXHAUST FAN
- TEMPERED GLASS (ELEVATIONS)
- OBSCURE GLASS (ELEVATIONS)
- GAS BIB
- HOSE BIB
- EXISTING TO REMAIN
- ENLARGED PLAN INDICATOR



WALL, FLOOR, AND ROOF ASSEMBLIES

- DRAINAGE MAT (WHERE BELOW GRADE) O/
DAMP PROOFING O/
8" CONC. FOUNDATION WALL
- EXTERIOR WALL ASSEMBLY: FOUNDATION WALL
- DRAINAGE MAT (WHERE BELOW GRADE) O/
8" CONC. FOUNDATION WALL O/
2" RIGID INSULATION O/
2X4 FRAMING W/
R-15 BATT INSULATION O/
1/2" GWB W/
VAPOR RETARDER PRIMER O/
INTERIOR FINISH PER SCHEDULE
- EXTERIOR WALL ASSEMBLY: FOUNDATION WALL W/ INSULATION
- SIDING, PER ELEVATION O/
1X PT FURRING STRIPS W/
2" FOIL FACED RIGID INSULATION O/
WEATHER BARRIER O/
PLYWOOD SHEATHING O/
2X6 FRAMING, PER STRUCTUAL W/
R-21 BATT INSULATION O/
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- EXTERIOR WALL ASSEMBLY
- 1/2" GWB (*TILE BACKER AT TILED LOCATIONS) O/
2X4 FRAMING, PER STRUCTUAL O/
1/2" GWB (*TILE BACKER AT TILED LOCATIONS)
- INTERIOR WALL ASSEMBLY: TYP. INTERIOR WALL
- 1/2" GWB (*TILE BACKER AT TILED LOCATIONS) O/
2X4 FRAMING, PER STRUCTUAL O/
1/2" GWB (*TILE BACKER AT TILED LOCATIONS)
- INTERIOR WALL ASSEMBLY: TYP. INTERIOR WALL
- 4" CONC. SLAB ON GRADE O/
VAPOR BARRIER O/
6" GRAVEL BED
- FLOOR ASSEMBLY: GARAGE / EXTERIOR CONC. APRON(S)
- 4" CONC. SLAB ON GRADE O/
2" R-10 RIGID INSULATION (UNDER ENTIRE SLAB) O/
VAPOR BARRIER O/
6" GRAVEL BED
- FLOOR ASSEMBLY: BASEMENT SLAB (FULLY INSULATED)
- FLOOR FINISH PER PLAN
SHEATHING, PER STRUCTURAL O/
JOISTS PER STRUCT W/
R-38 BATT INSULATION O/
FINISH CEILING, PER PLAN
- FLOOR ASSEMBLY: TYP. FRAMED FLOOR
- CONC. PAVERS O/
1" WASHED SAND OR 0.5" WASHED CRUSHED STONE (FOR BASE MATERIAL) O/
6" OPEN-GRADED BASE MATERIAL, 3/4" - 2" CRUSHED-WASHED O/
SUBGRADE (COMPACTION BASED ON CURRENT SWMMWW REQUIREMENTS)
- FLOOR ASSEMBLY: PERMEABLE PAVERS
- ROOFING MEMBRANE O/
ROOF COVER BOARD O/
MIN. 2" RIGID INSULATION O/
SHEATHING, PER STRUCTURAL O/
TRUSS FRAMING, PER STRUCTURAL W/
5" MIN. CLOSED CELL SPRAY FOAM INSULATION (JM COROBOND MCS (CLOSED CELL) POLYURETHANE OR EQUIV., TYP. W/
BATT INSULATION TO FILL CAVITY W/ 5/8" GWB O/
FINISH CEILING, PER PLAN
- ROOF ASSEMBLY: TYP. ROOF
- ROOFING MEMBRANE O/
ROOF COVER BOARD O/
MIN. 2" RIGID INSULATION O/
VAPOR BARRIER O/
SHEATHING, PER STRUCTURAL O/
TRUSS FRAMING, PER STRUCTURAL O/
5/8" FIRE RATED GYPSUM SHEATHING O/
FINISH CEILING, PER PLAN
- ROOF ASSEMBLY: TYP. ROOF AT CANOPY



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206-284-8355



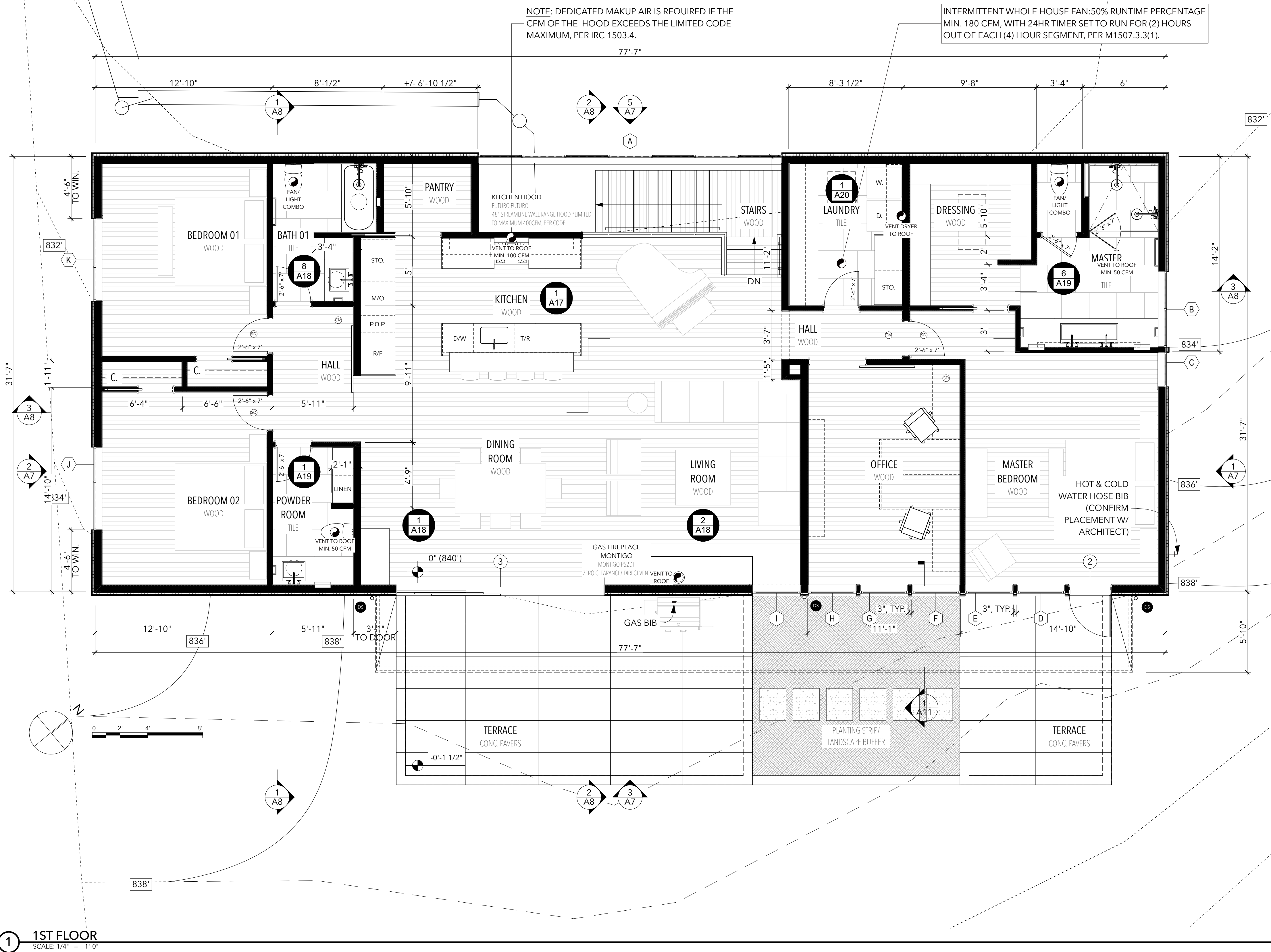
A4

BASEMENT
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RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

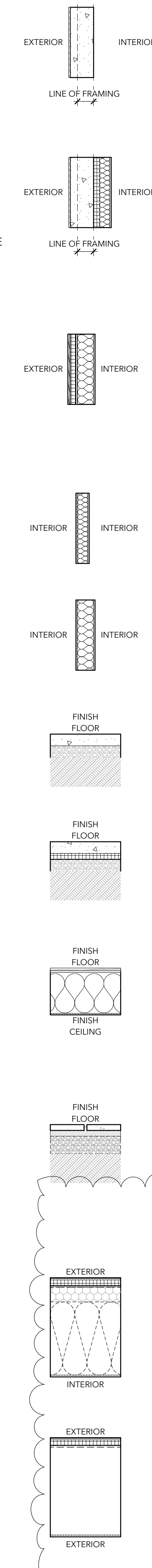
BUILDING DEPT STAMPS



SYMBOL KEY

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- ENLARGED PLAN INDICATOR

WALL, FLOOR, AND ROOF ASSEMBLIES



- DRAINAGE MAT (WHERE BELOW GRADE) O/ DAMP PROOFING O/ 8" CONC. FOUNDATION WALL
- EXTERIOR WALL ASSEMBLY: FOUNDATION WALL
- DRAINAGE MAT (WHERE BELOW GRADE) O/ 8" CONC. FOUNDATION WALL O/ 2" RIGID INSULATION O/ 2X4 FRAMING W/ R-15 BATT INSULATION O/ 1/2" GWB W/ VAPOR RETARDER PRIMER O/ INTERIOR FINISH PER SCHEDULE
- EXTERIOR WALL ASSEMBLY: FOUNDATION WALL W/ INSULATION
- SIDING, PER ELEVATION O/ 1X PT FURRING STRIPS W/ 2" FOIL FACED RIGID INSULATION O/ WEATHER BARRIER O/ PLYWOOD SHEATHING O/ 2X6 FRAMING, PER STRUCTURAL W/ R-21 BATT INSULATION O/ 1/2" GWB W/ VAPOR RETARDER PRIMER O/ INTERIOR FINISH PER SCHEDULE
- EXTERIOR WALL ASSEMBLY
- 1/2" GWB (*TILE BACKER AT TILED LOCATIONS) O/ 2X4 FRAMING, PER STRUCTURAL O/ 1/2" GWB (*TILE BACKER AT TILED LOCATIONS)
- INTERIOR WALL ASSEMBLY: TYP. INTERIOR WALL
- 1/2" GWB (*TILE BACKER AT TILED LOCATIONS) O/ 2X4 FRAMING, PER STRUCTURAL O/ 1/2" GWB (*TILE BACKER AT TILED LOCATIONS)
- INTERIOR WALL ASSEMBLY: TYP. INTERIOR WALL
- 4" CONC. SLAB ON GRADE O/ VAPOR BARRIER O/ 6" GRAVEL BED
- FLOOR ASSEMBLY: GARAGE / EXTERIOR CONC. APRON(S)
- 4" CONC. SLAB ON GRADE O/ 2" R-10 RIGID INSULATION (UNDER ENTIRE SLAB) O/ VAPOR BARRIER O/ 6" GRAVEL BED
- FLOOR ASSEMBLY: BASEMENT SLAB (FULLY INSULATED)
- FLOOR FINISH PER PLAN SHEATHING, PER STRUCTURAL O/ JOISTS PER STRUCT W/ R-38 BATT INSULATION O/ FINISH CEILING, PER PLAN
- FLOOR ASSEMBLY: TYP. FRAMED FLOOR
- CONC. PAVERS O/ 1" WASHED SAND OR 0.5" WASHED CRUSHED STONE (FOR BASE MATERIAL) O/ 6" OPEN-GRADED BASE MATERIAL, 3/4" - 2" CRUSHED-WASHED O/ SUBGRADE (COMPACTION BASED ON CURRENT SWMMWW REQUIREMENTS)
- FLOOR ASSEMBLY: PERMEABLE PAVERS
- ROOFING MEMBRANE O/ ROOF COVER BOARD O/ MIN. 2" RIGID INSULATION O/ VAPOR BARRIER O/ SHEATHING, PER STRUCTURAL O/ TRUSS FRAMING, PER STRUCTURAL W/ 5" MIN. CLOSED CELL SPRAY FOAM INSULATION (JM COROBOND MCS (CLOSED CELL) POLYURETHANE OR EQUIV., TYP. W/ BATT INSULATION TO FILL CAVITY W/ 5/8" GWB O/ FINISH CEILING, PER PLAN
- ROOF ASSEMBLY: TYP. ROOF
- ROOFING MEMBRANE O/ ROOF COVER BOARD O/ MIN. 2" RIGID INSULATION O/ VAPOR BARRIER O/ SHEATHING, PER STRUCTURAL O/ TRUSS FRAMING, PER STRUCTURAL O/ 5/8" FIRE RATED GYPSUM SHEATHING O/ FINISH CEILING, PER PLAN
- ROOF ASSEMBLY: TYP. ROOF AT CANOPY



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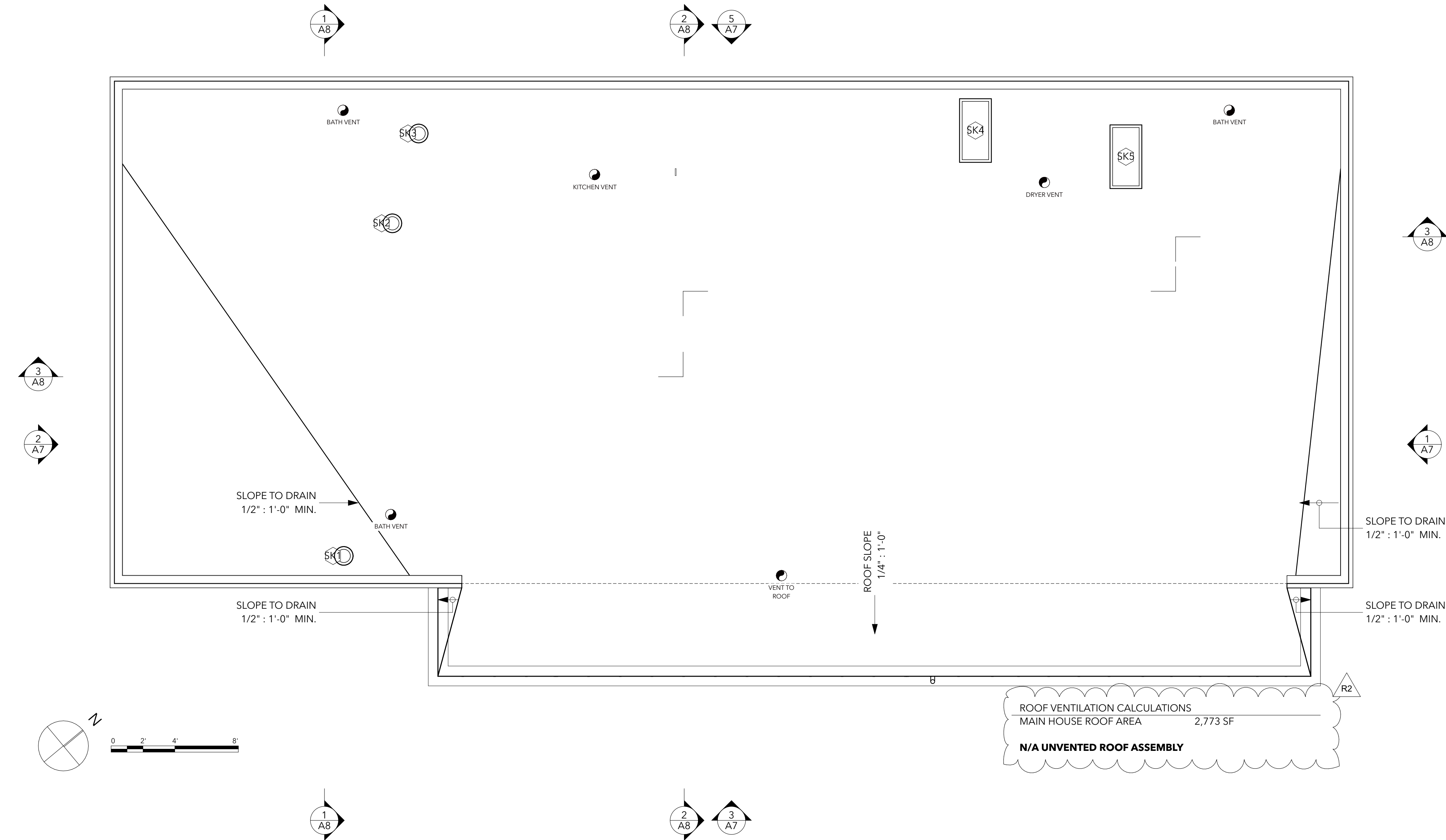
A5

FIRST FLOOR PLAN
PERMIT SET REV 03 01.05.23

RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS



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

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WASHINGTON

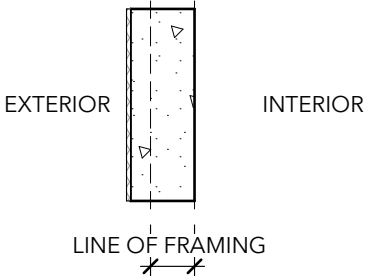
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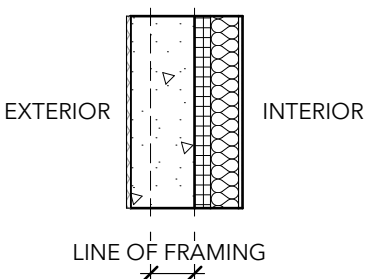
SYMBOL KEY

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- OBSCURE GLASS (ELEVATIONS)
- GAS BIB
- HOSE BIB
- EXISTING TO REMAIN
- ENLARGED PLAN INDICATOR

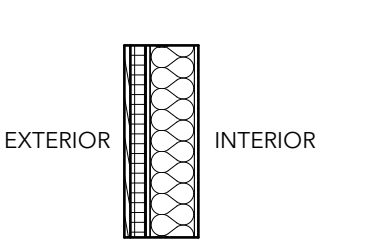
WALL, FLOOR, AND ROOF ASSEMBLIES



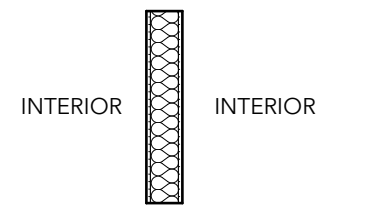
DRAINAGE MAT (WHERE BELOW GRADE) O/
DAMP PROOFING O/
8" CONC. FOUNDATION WALL
W1 EXTERIOR WALL ASSEMBLY: FOUNDATION WALL



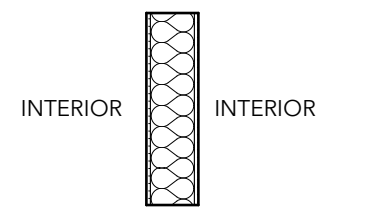
DRAINAGE MAT (WHERE BELOW GRADE) O/
8" CONC. FOUNDATION WALL O/
2" RIGID INSULATION O/
2X4 FRAMING W/
R-15 BATT INSULATION O/
1/2" GWB W/
VAPOR RETARDER PRIMER O/
INTERIOR FINISH PER SCHEDULE
W2 EXTERIOR WALL ASSEMBLY: FOUNDATION WALL W/ INSULATION



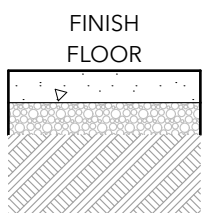
SIDING, PER ELEVATION O/
1X PT FURRING STRIPS W/
2" FOIL FACED RIGID INSULATION O/
WEATHER BARRIER O/
PLYWOOD SHEATHING O/
2X6 FRAMING, PER STRUCTUAL W/
R-21 BATT INSULATION O/
1/2" GWB W/
VAPOR RETARDER PRIMER O/
INTERIOR FINISH PER SCHEDULE
W3 EXTERIOR WALL ASSEMBLY



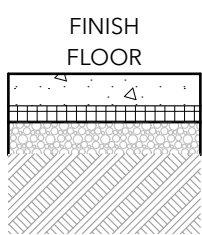
1/2" GWB (*TILE BACKER AT TILED LOCATIONS) O/
2X4 FRAMING, PER STRUCTUAL O/
1/2" GWB (*TILE BACKER AT TILED LOCATIONS)
W4 INTERIOR WALL ASSEMBLY: TYP. INTERIOR WALL



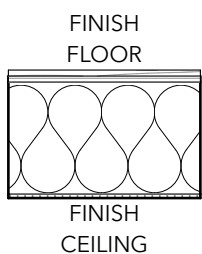
1/2" GWB (*TILE BACKER AT TILED LOCATIONS) O/
2X4 FRAMING, PER STRUCTUAL O/
1/2" GWB (*TILE BACKER AT TILED LOCATIONS)
W5 INTERIOR WALL ASSEMBLY: TYP. INTERIOR WALL



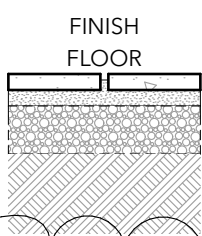
4" CONC. SLAB ON GRADE O/
VAPOR BARRIER O/
6" GRAVEL BED
F1 FLOOR ASSEMBLY: GARAGE / EXTERIOR CONC. APRON(S)



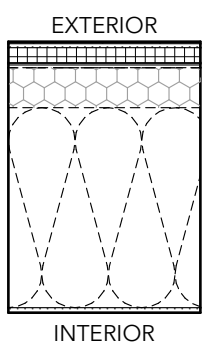
4" CONC. SLAB ON GRADE O/
2" R-10 RIGID INSULATION (UNDER ENTIRE SLAB) O/
VAPOR BARRIER O/
6" GRAVEL BED
F2 FLOOR ASSEMBLY: BASEMENT SLAB (FULLY INSULATED)



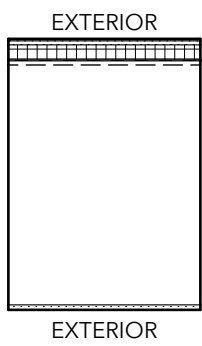
FLOOR FINISH PER PLAN
SHEATHING, PER STRUCTURAL O/
JOISTS PER STRUCT W/
R-38 BATT INSULATION O/
FINISH CEILING, PER PLAN
F3 FLOOR ASSEMBLY: TYP. FRAMED FLOOR



CONC. PAVERS O/
1" WASHED SAND OR 0.5" WASHED CRUSHED STONE (FOR BASE MATERIAL) O/
6" OPEN-GRADED BASE MATERIAL, 3/4" - 2" CRUSHED-WASHED O/
SUBGRADE (COMPACTION BASED ON CURRENT SWMMWW REQUIREMENTS)
F4 FLOOR ASSEMBLY: PERMEABLE PAVERS



ROOFING MEMBRANE O/
ROOF COVER BOARD O/
MIN. 2" RIGID INSULATION O/
VAPOR BARRIER O/
SHEATHING, PER STRUCTURAL O/
TRUSS FRAMING, PER STRUCTURAL W/
5" MIN. CLOSED CELL SPRAY FOAM INSULATION (JM COROBOND MCS (CLOSED CELL) POLYURETHANE OR EQUIV., TYP., W/
BATT INSULATION TO FILL CAVITY W/ 5/8" GWB O/
FINISH CEILING, PER PLAN
R1 ROOF ASSEMBLY: TYP. ROOF



ROOFING MEMBRANE O/
ROOF COVER BOARD O/
MIN. 2" RIGID INSULATION O/
VAPOR BARRIER O/
SHEATHING, PER STRUCTURAL O/
TRUSS FRAMING, PER STRUCTURAL O/
5/8" FIRE RATED GYPSUM SHEATHING O/
FINISH CEILING, PER PLAN
R2 ROOF ASSEMBLY: TYP. ROOF AT CANOPY



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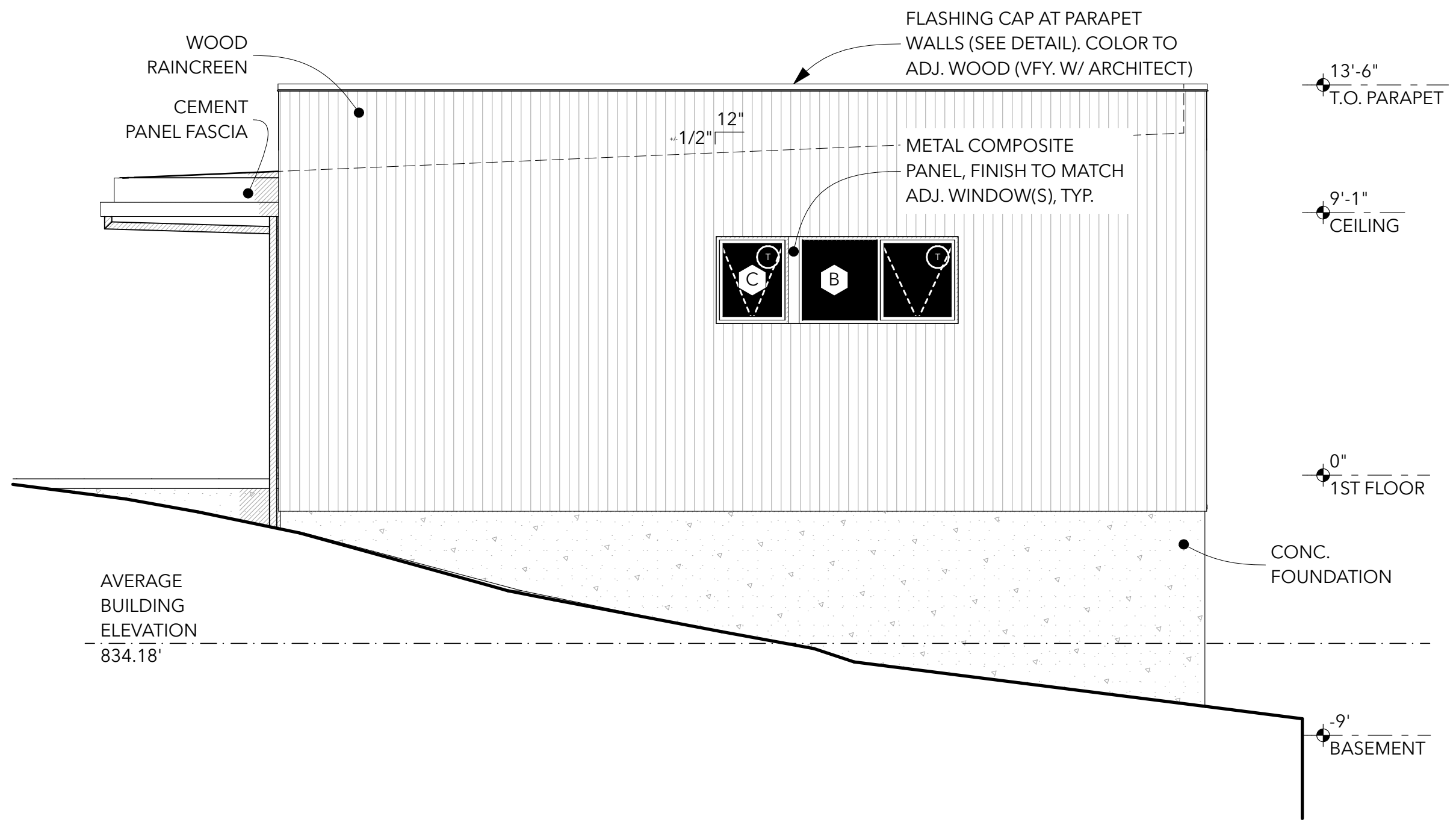
A6

ROOF
PERMIT SET REV 03 01.05.23

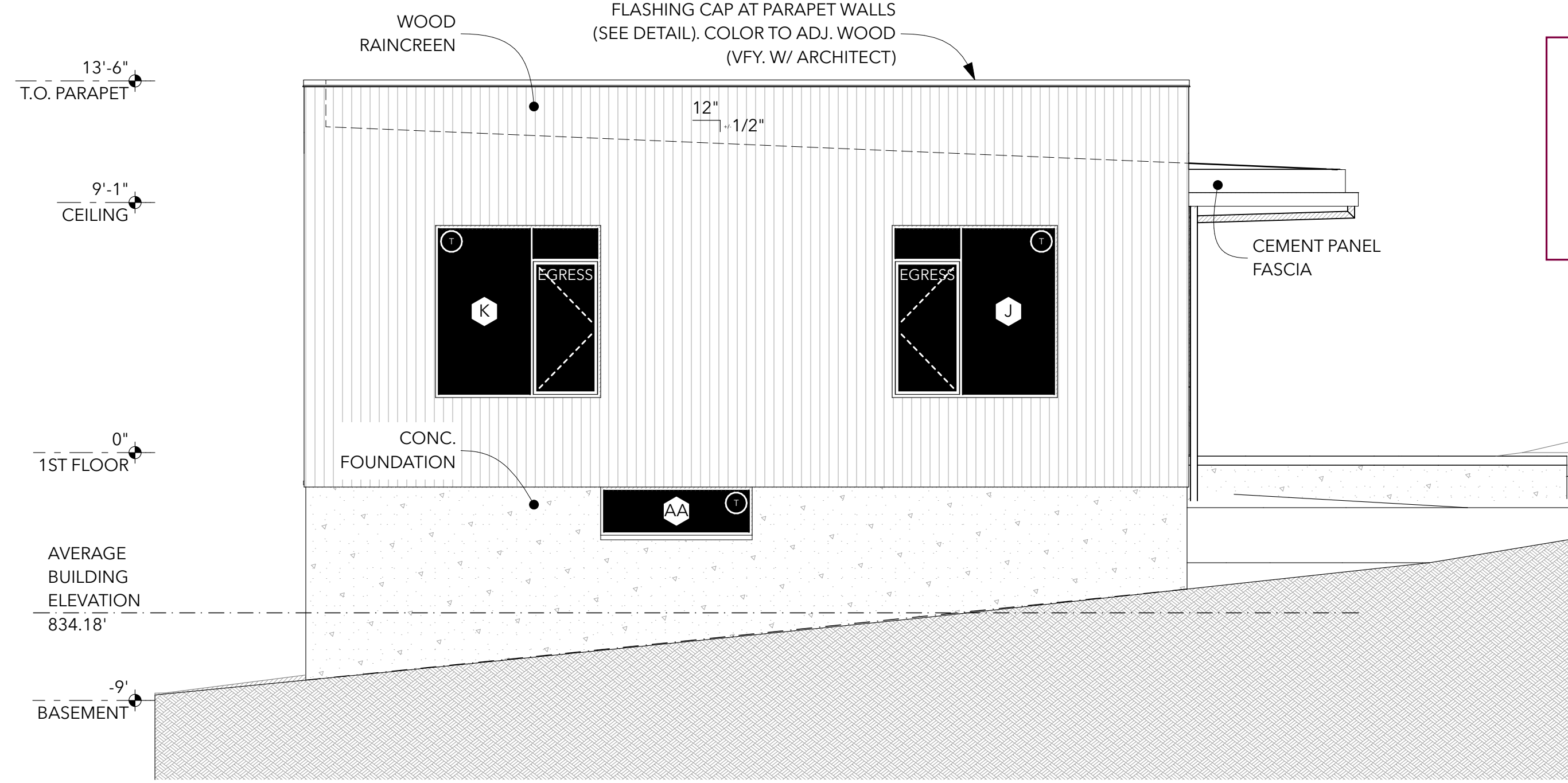
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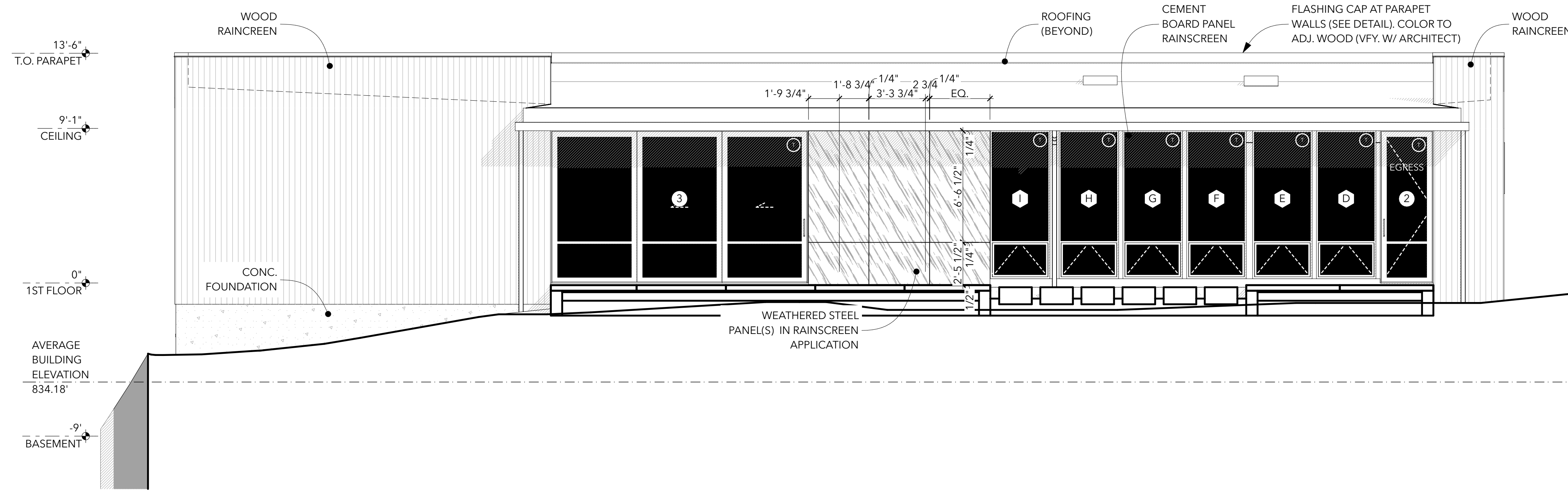
BUILDING DEPT STAMPS



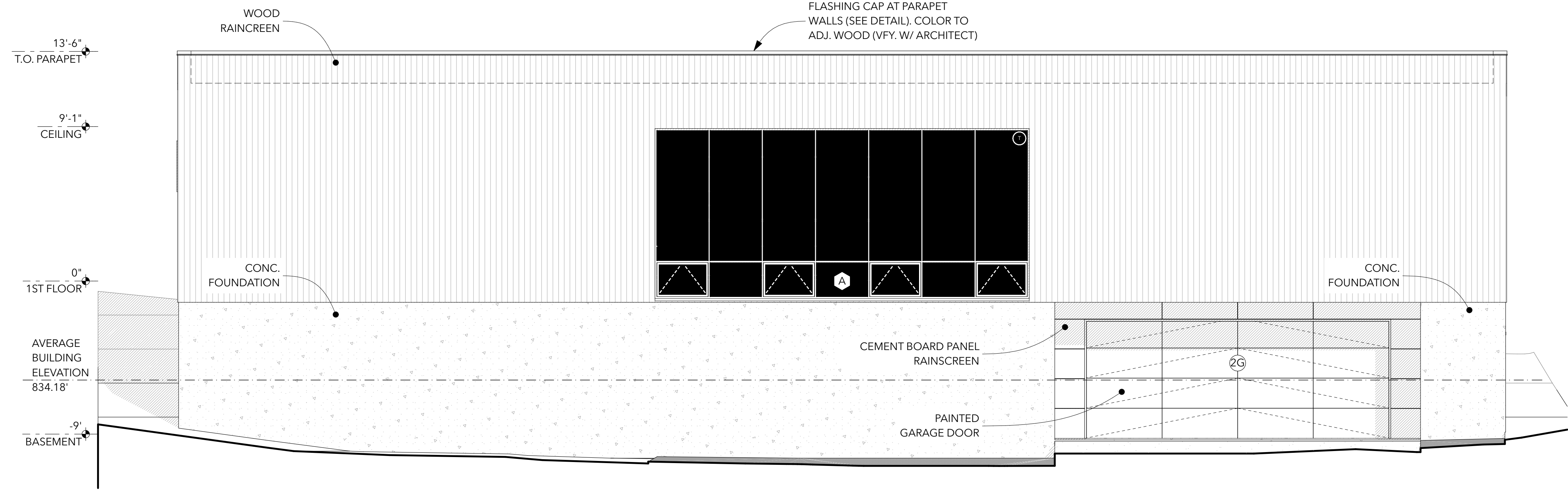
1 EAST ELEVATION
SCALE: 1/4" = 1'-0"



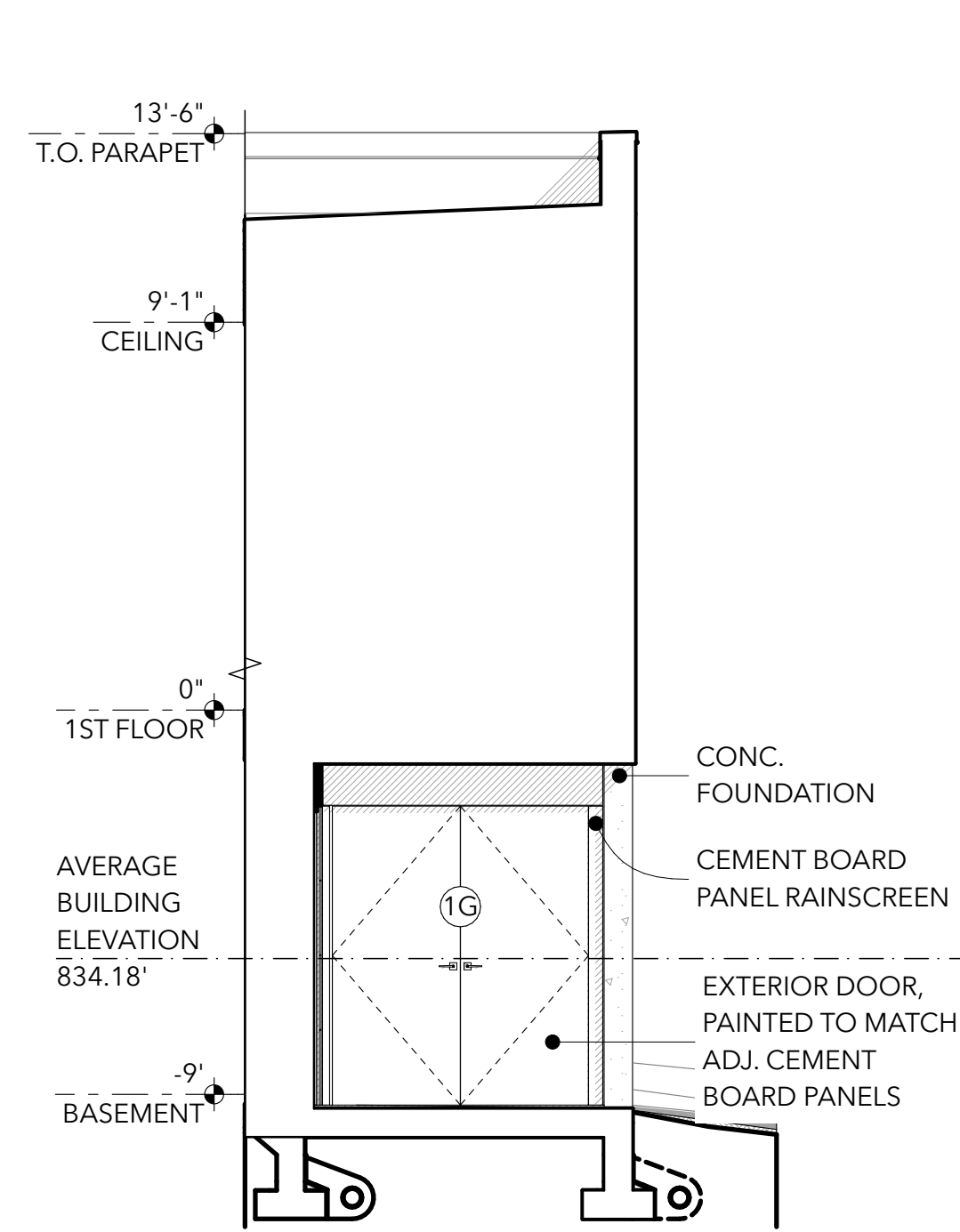
2 WEST ELEVATION
SCALE: 1/4" = 1'-0"



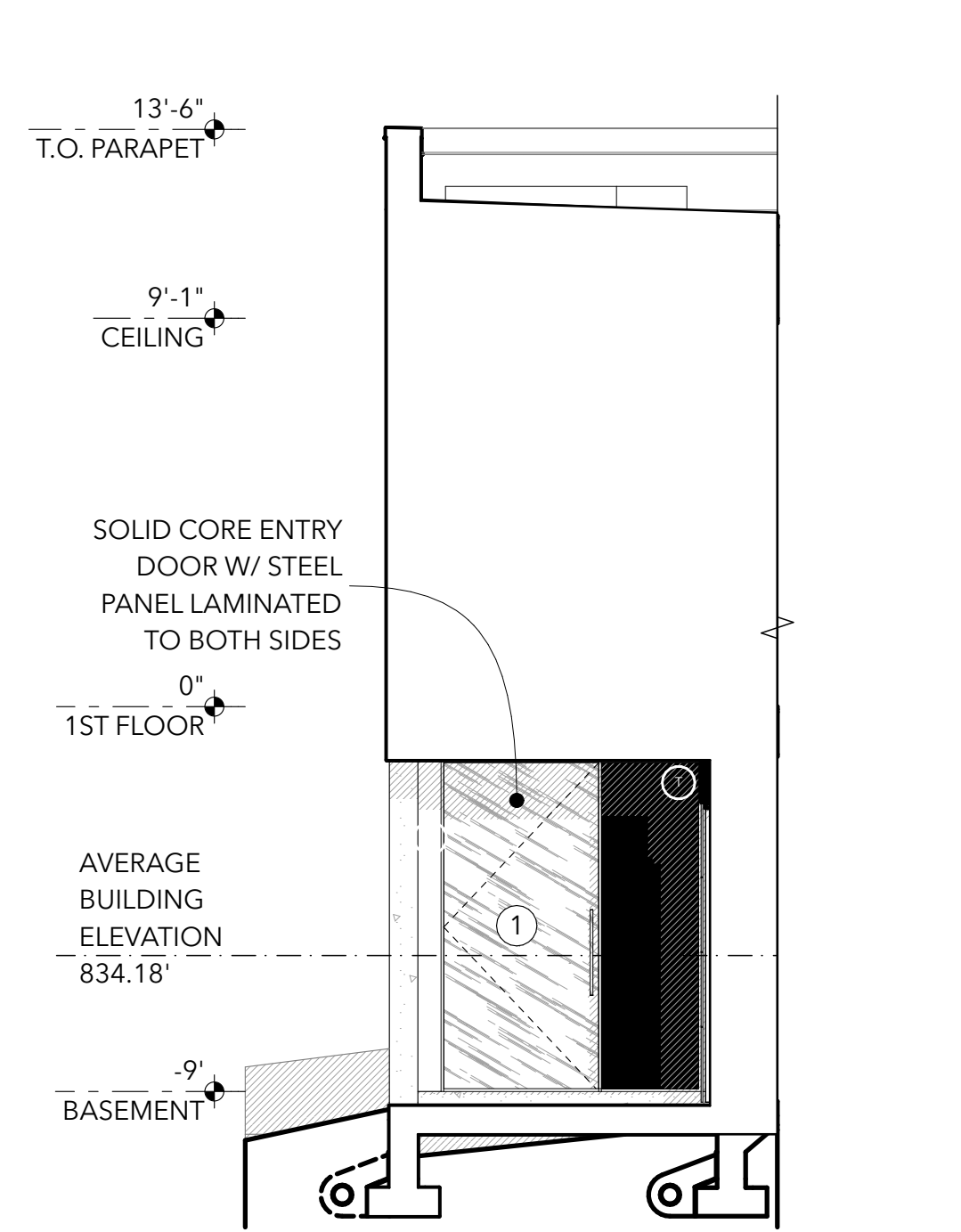
3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



5 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



4 EAST ELEVATION (PARTIAL)
SCALE: 1/4" = 1'-0"



6 WEST ELEVATION (PARTIAL)
SCALE: 1/4" = 1'-0"

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SAFEbuilt LLC
WASHINGTON

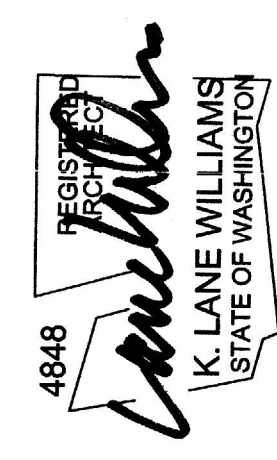
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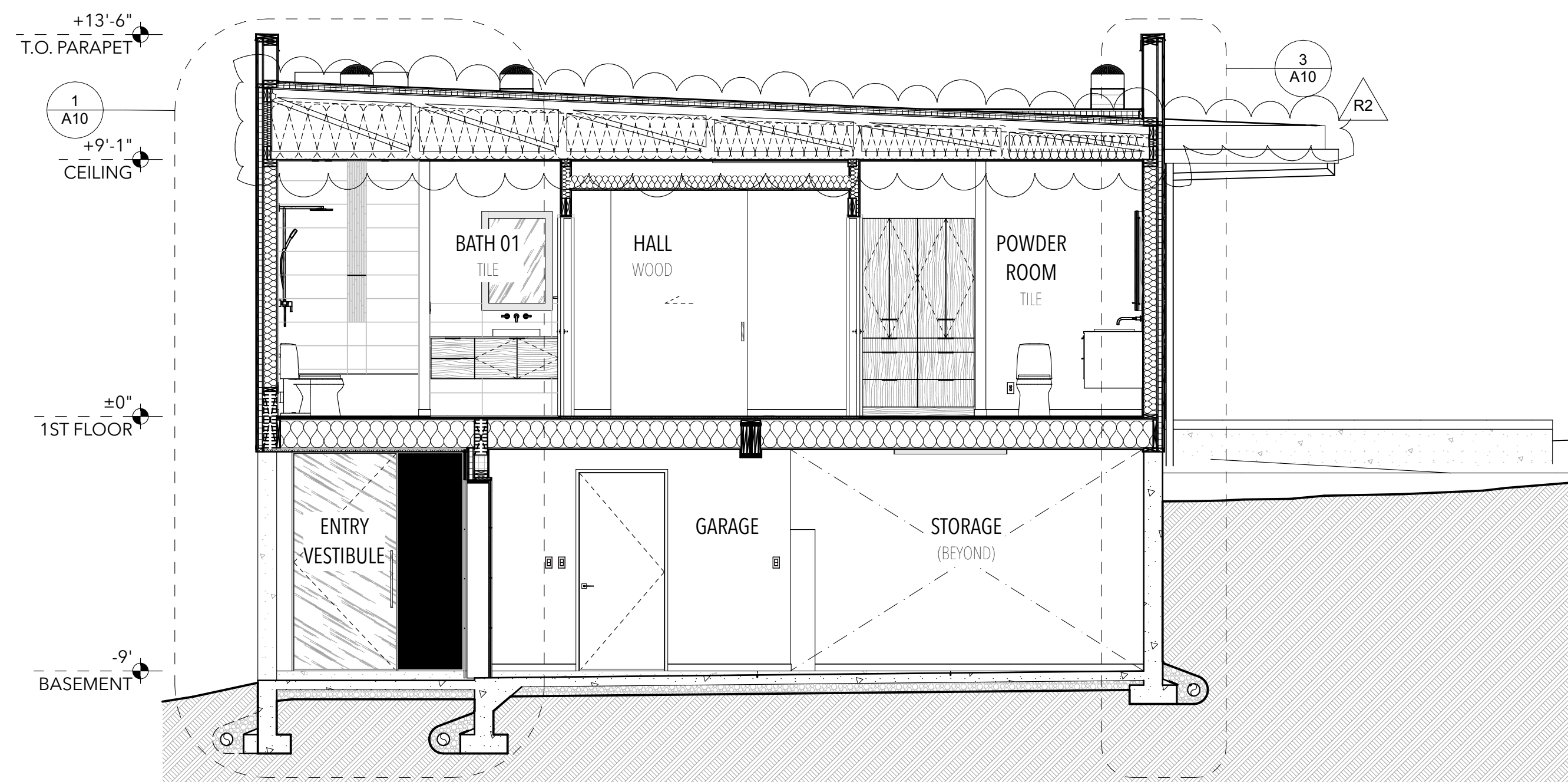
A7

ELEVATIONS
PERMIT SET REV 03 01.05.23

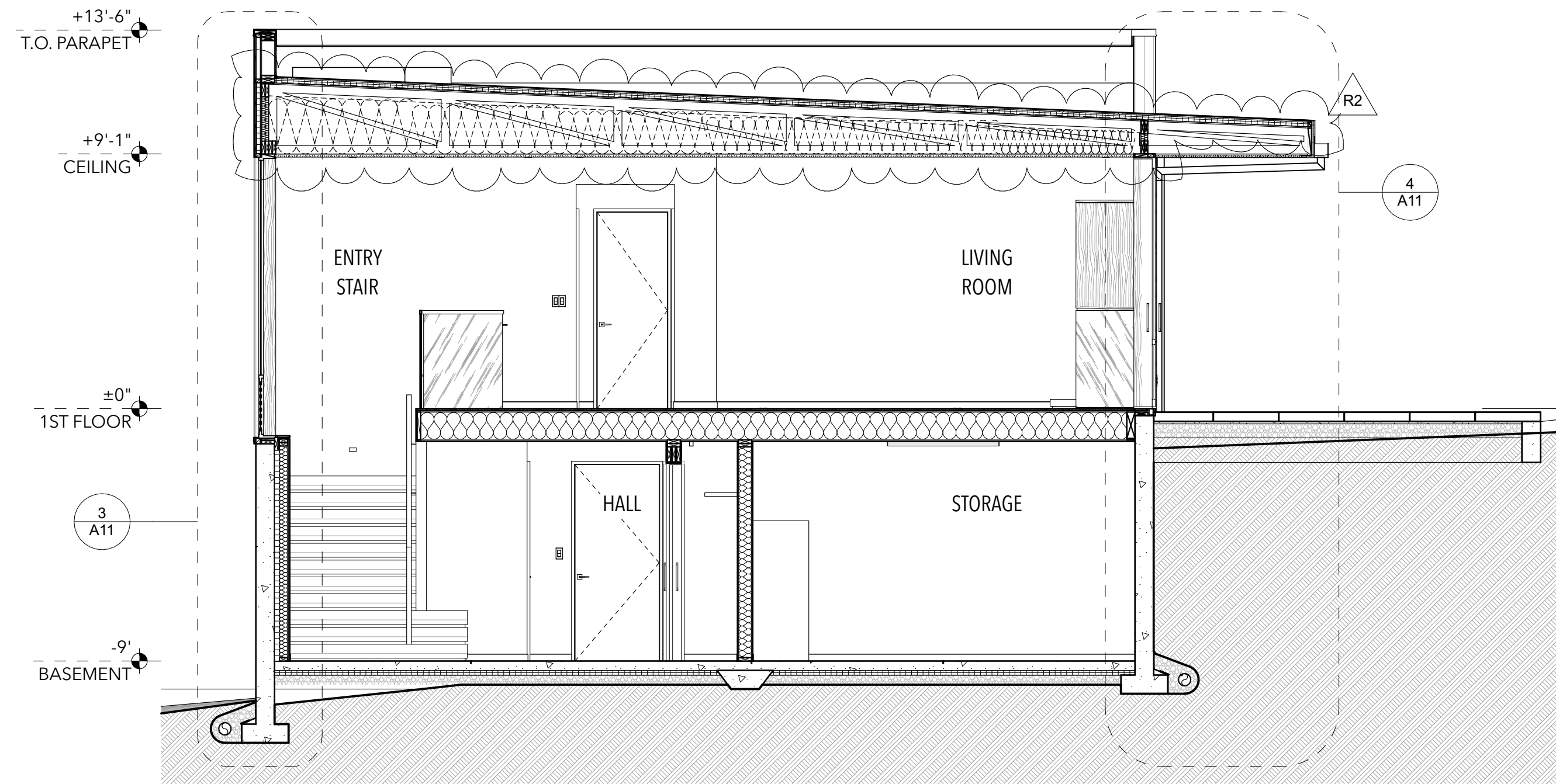
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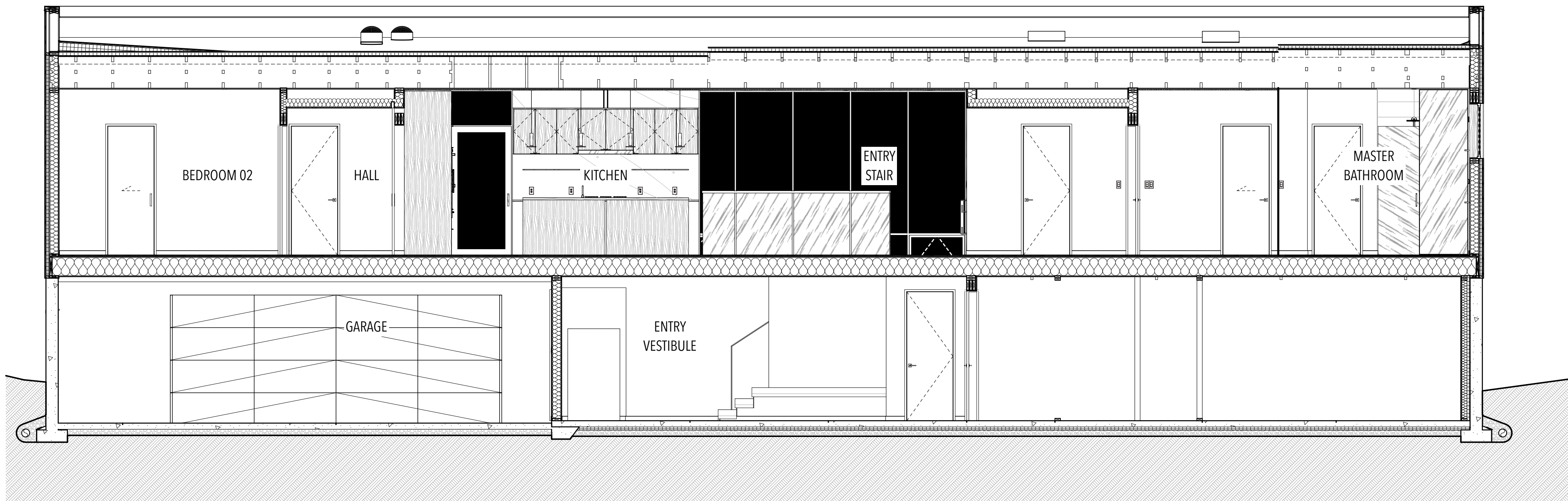
BUILDING DEPT STAMPS



1 N/S SECTION 01
SCALE: 1/4" = 1'-0"



2 N/S SECTION 02
SCALE: 1/4" = 1'-0"



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

EXTERIOR DOOR SCHEDULE										R2	
ID	QTY	R.O. SIZE (+/-)		PANELS		LEAF LEFT	LEAF RIGHT	NOTES	U	UA	AREA
		W	H	LEFT	RIGHT						
1	1	6'-1"	7'-9"	1	0	3'-7 1/2"	3'-7 1/2"	ALUM. + GLASS	0.24	1.05	47
1G	1	6'-1 1/2"	7'-3/4"	1	1	3'	3'	ALUM. + GLASS	0.24	0.96	43
2	1	3'-1 1/2"	8'-11 3/4"	1	0	3'	3'	ALUM. + GLASS	0.24	0.62	28
2G	1	18'	7'	---	---	---	---	GARAGE DOOR	---	---	126
3	1	15'-1 1/2"	8'-11 3/4"	3	0	5'	5'	ALUM. + GLASS	0.24	3.02	136
3G	1	3'-1 1/2"	7'-3/4"	1	0	3'	3'	ALUM. + GLASS	0.24	0.49	22
									1.20	6.16	402 ft²

WINDOW SCHEDULE									
ID	QTY	R.O. SIZE		SILL HT (+/-) VERIFY	TYPE *	NOTES	U	AREA	UA Value
		WIDTH	HEIGHT						
A	1	22"	10"	-1'-1/2"	---		0.22	220	48.40
AA	1	5'-6"	1'-9"	6'	---		0.21	10	2.02
B	1	5'-6"	3'	5'-3"	---		0.21	17	3.47
C	1	2'-6"	3'	5'-3"	---	Plans reviewed for compliance. Issuance of permit or plans, specifications, and computations shall not be construed to be a permit for, or an approval of any violation of any of the provisions of the International Building Codes, Washington State Code, King County Code, or any other ordinance of King County.	0.21	8	1.58
D	1	3'-6"	8'-8 3/4"	3"	---		0.21	31	6.41
E	1	3'-6"	8'-8 3/4"	3"	---		0.21	31	6.41
F	1	3'-6"	8'-8 3/4"	3"	---		0.21	31	6.41
G	1	3'-6"	8'-8 3/4"	3"	---		0.21	31	6.41
H	1	3'-6"	8'-8 3/4"	3"	---		0.21	31	6.41
I	1	3'-6"	8'-8 3/4"	3"	---		0.21	31	6.41
J	1	6'	6'-3"	2'	---		0.21	38	7.88
K	1	6'	6'-3"	2'	---		0.21	38	7.88

SKYLIGHT SCHEDULE						
ID	QTY	WIDTH	HEIGHT	NOTES		
SK1	1	14"	14"			
SK2	1	14"	14"			
SK3	1	14"	14"			
SK4	1	24"	48"			
SK5	1	24"	48"			

WINDOW & DOOR NOTES

1. ALL WINDOW DIMENSIONS ARE TO ROUGH OPENING. ALL DOOR DIMENSIONS ARE DOOR PANEL DIMENSIONS EXCEPT BI-FOLD DOORS, EXTERIOR SLIDING DOORS, AND EXTERIOR POCKETING DOOR SYSTEMS.

2. ALL NEW GLAZING AND DOOR U-VALUES PER WASHINGTON STATE ENERGY CODE TABLE R402.1.1 *INSULATION & FENESTRATION REQUIREMENTS FOR GROUP R OCCUPANCY CLIMATE ZONE 4C*, 2015 EDITION.

ALL WINDOW, DOOR, AND OVERHEAD GLAZING TO BE NFRC CERTIFIED PER MANUFACTURER.

3. VERIFY ALL ROUGH OPENINGS IN FIELD PRIOR TO ORDERING.

4. PROVIDE TEMPERED GLASS WHERE REQUIRED BY IRC R308. (AT LOCATIONS INCLUDING, BUT NOT LIMITED TO THOSE MARKED TEMPERED IN THE SCHEDULE & ELEVATIONS)

5. NFRC WINDOW NUMBERS:

MANUFACTURER/LOEWEN
FOR TRIPLE-GLAZED
FIXED GLAZING: U-FACTOR: 0.21

FOR OPERABLE
(CASEMENT) GLAZING: U-FACTOR: 0.21

FOR OPERABLE
(AWNING) GLAZING: U-FACTOR: 0.21

*NOTE: SEE SCHEDULE(S) FOR WINDOW SPECIFIC U-VALUE CALCULATIONS.

*VALUES FOR WINDOWS NOT SPECIFICALLY LISTED AS THE THREE U-VALUES CITED ABOVE ARE OBTAINED BY AVERAGING THE AREA OF FIXED VERSUS OPERABLE IN A GIVEN WINDOW.

*WINDOW TYPE CODES FOR REFERENCE: (VERIFY OPERATION W/ ELEVATIONS)
F = FIXED, R or L = CASEMENT,
B = BOTTOM HUNG, T = TOP HUNG,
SR or LR = SLIDING, ST = DOUBLE HUNG

SYMBOL KEY

- WINDOW SYMBOL
- OVERHEAD WINDOW SYMBOL
- DOOR SYMBOL
- SMOKE DETECTOR
- SMOKE DETECTOR/ CARBON MONOXIDE DETECTOR
- EXHAUST FAN
- TEMPERED GLASS (ELEVATIONS)
- OBSCURE GLASS (ELEVATIONS)
- GAS BIB
- HOSE BIB
- EXISTING TO REMAIN
- ENLARGED PLAN INDICATOR

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SAFEbuilt^{LLC}
WASHINGTON

Reviewed By: Amber Green
Date: 10/7/2021
Permit #: DWEL21-0051

WALL, FLOOR, AND ROOF ASSEMBLIES

DRAINAGE MAT (WHERE BELOW GRADE) O/
8" CONC. FOUNDATION WALL

W1 EXTERIOR WALL ASSEMBLY: FOUNDATION WALL

DRAINAGE MAT (WHERE BELOW GRADE) O/
8" CONC. FOUNDATION WALL O/
2" RIGID INSULATION O/
2X4 FRAMING W/
R-15 BATT INSULATION O/
1/2" GWB W/
VAPOR RETARDER PRIMER O/
INTERIOR FINISH PER SCHEDULE

W2 EXTERIOR WALL ASSEMBLY: FOUNDATION WALL W/ INSULATION

SIDING, PER ELEVATION O/
1X PT FURRING STRIPS W/
2" FOIL FACED
RIGID INSULATION O/
WEATHER BARRIER O/
PLYWOOD SHEATHING O/
2X6 FRAMING, PER STRUCTUAL W/
R-21 BATT INSULATION O/
1/2" GWB W/
VAPOR RETARDER PRIMER O/
INTERIOR FINISH PER SCHEDULE

W3 EXTERIOR WALL ASSEMBLY

1/2" GWB (*TILE BACKER AT TILED LOCATIONS) O/
2X4 FRAMING, PER STRUCTUAL W/
1/2" GWB (*TILE BACKER AT TILED LOCATIONS)

W4 INTERIOR WALL ASSEMBLY: TYP. INTERIOR WALL

1/2" GWB (*TILE BACKER AT TILED LOCATIONS) O/
2X4 FRAMING, PER STRUCTUAL W/
1/2" GWB (*TILE BACKER AT TILED LOCATIONS)

W5 INTERIOR WALL ASSEMBLY: TYP. INTERIOR WALL

4" CONC. SLAB ON GRADE O/
VAPOR BARRIER O/
6" GRAVEL BED

F1 FLOOR ASSEMBLY: GARAGE / EXTERIOR CONC. APRON(S)

4" CONC. SLAB ON GRADE O/
2" R-10 RIGID INSULATION (UNDER ENTIRE SLAB) O/
VAPOR BARRIER O/
6" GRAVEL BED

F2 FLOOR ASSEMBLY: BASEMENT SLAB (FULLY INSULATED)

FLOOR FINISH PER PLAN
SHEATHING, PER STRUCTURAL O/
JOISTS PER STRUCT W/
R-38 BATT INSULATION O/
FINISH CEILING, PER PLAN

F3 FLOOR ASSEMBLY: TYP. FRAMED FLOOR

CONC. PAVERS O/
1" WASHED SAND OR 0.5" WASHED CRUSHED STONE (FOR BASE MATERIAL) O/
6" OPEN-GRADED BASE MATERIAL, 3/4" - 2" CRUSHED-WASHED O/
SUBGRADE (COMPACTION BASED ON CURRENT SWMMWW REQUIREMENTS)

F4 FLOOR ASSEMBLY: PERMEABLE PAVERS

ROOFING MEMBRANE O/
ROOF COVER BOARD O/
MIN. 2" RIGID INSULATION O/
VAPOR BARRIER O/
SHEATHING, PER STRUCTURAL O/
TRUSS FRAMING, PER STRUCTURAL W/
5" MIN. CLOSED CELL SPRAY FOAM INSULATION (JM COROBOND MCS (CLOSED CELL) POLYURETHANE OR EQUIV., TYP. W/
BATT INSULATION TO FILL CAVITY W/ 5/8" GWB O/
FINISH CEILING, PER PLAN

R1 ROOF ASSEMBLY: TYP. ROOF

ROOFING MEMBRANE O/
ROOF COVER BOARD O/
MIN. 2" RIGID INSULATION O/
VAPOR BARRIER O/
SHEATHING, PER STRUCTURAL O/
TRUSS FRAMING, PER STRUCTURAL O/
5/8" FIRE RATED GYPSUM SHEATHING O/
FINISH CEILING, PER PLAN

R2 ROOF ASSEMBLY: TYP. ROOF AT CANOPY

LANE WILLIAMS ARCHITECTS
2420 8TH AVE W
SEATTLE, WA 98119
206-284-8355

4848
K. LANE WILLIAMS
STATE OF WASHINGTON

A8

SECTIONS
PERMIT SET REV 03 01.05.23

RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

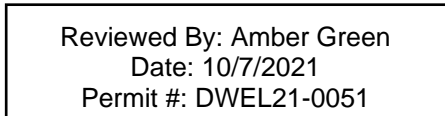
BUILDING DEPT STAMPS



HEATING SYSTEM WORKSHEET

PRESCRIPTIVE WORKSHEET

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206-284-8355

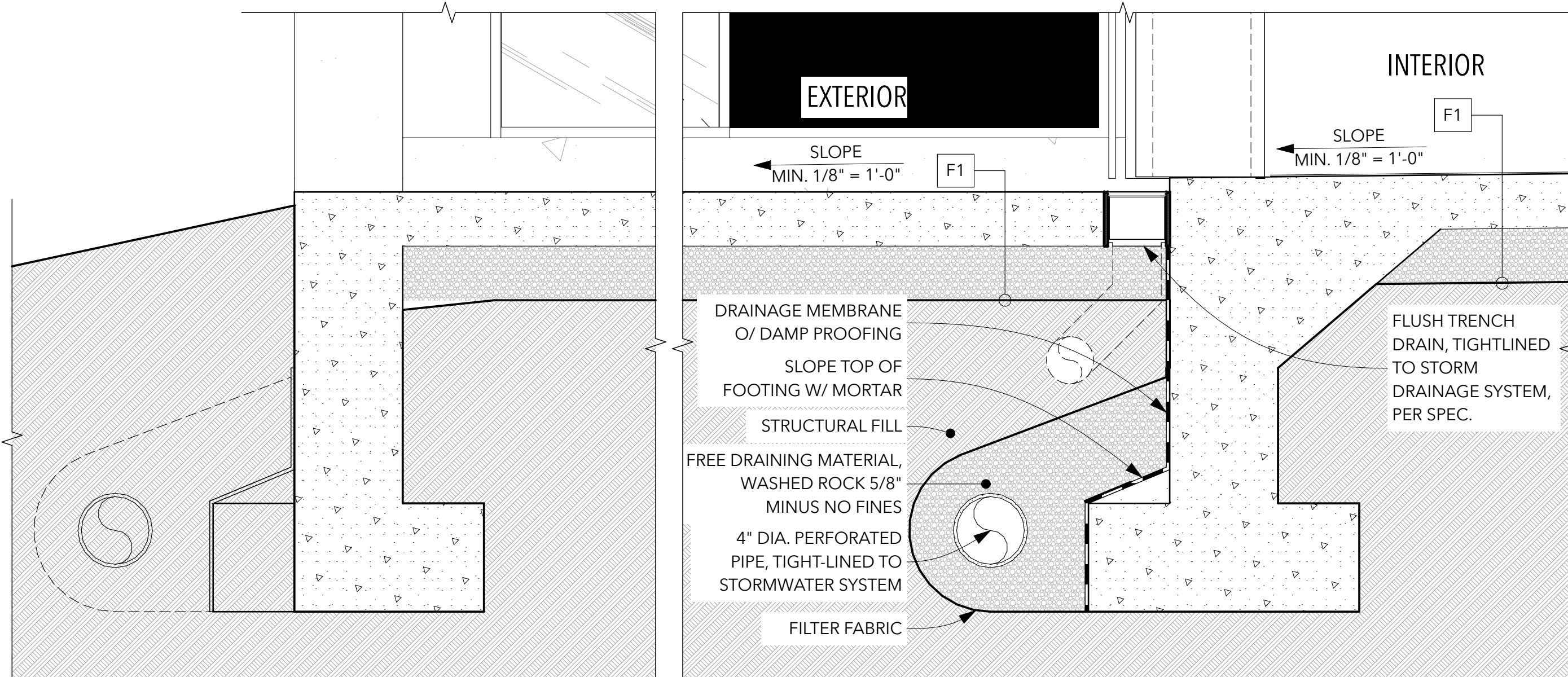
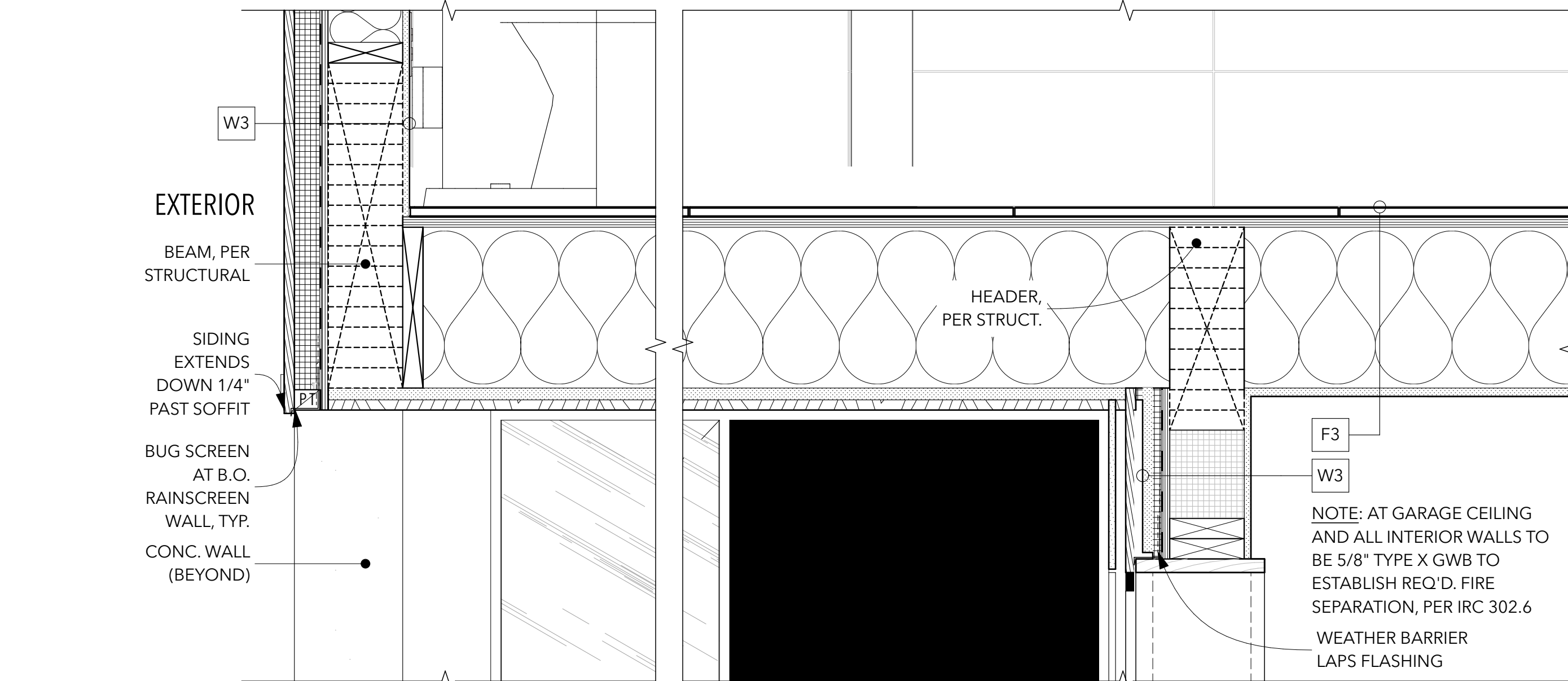
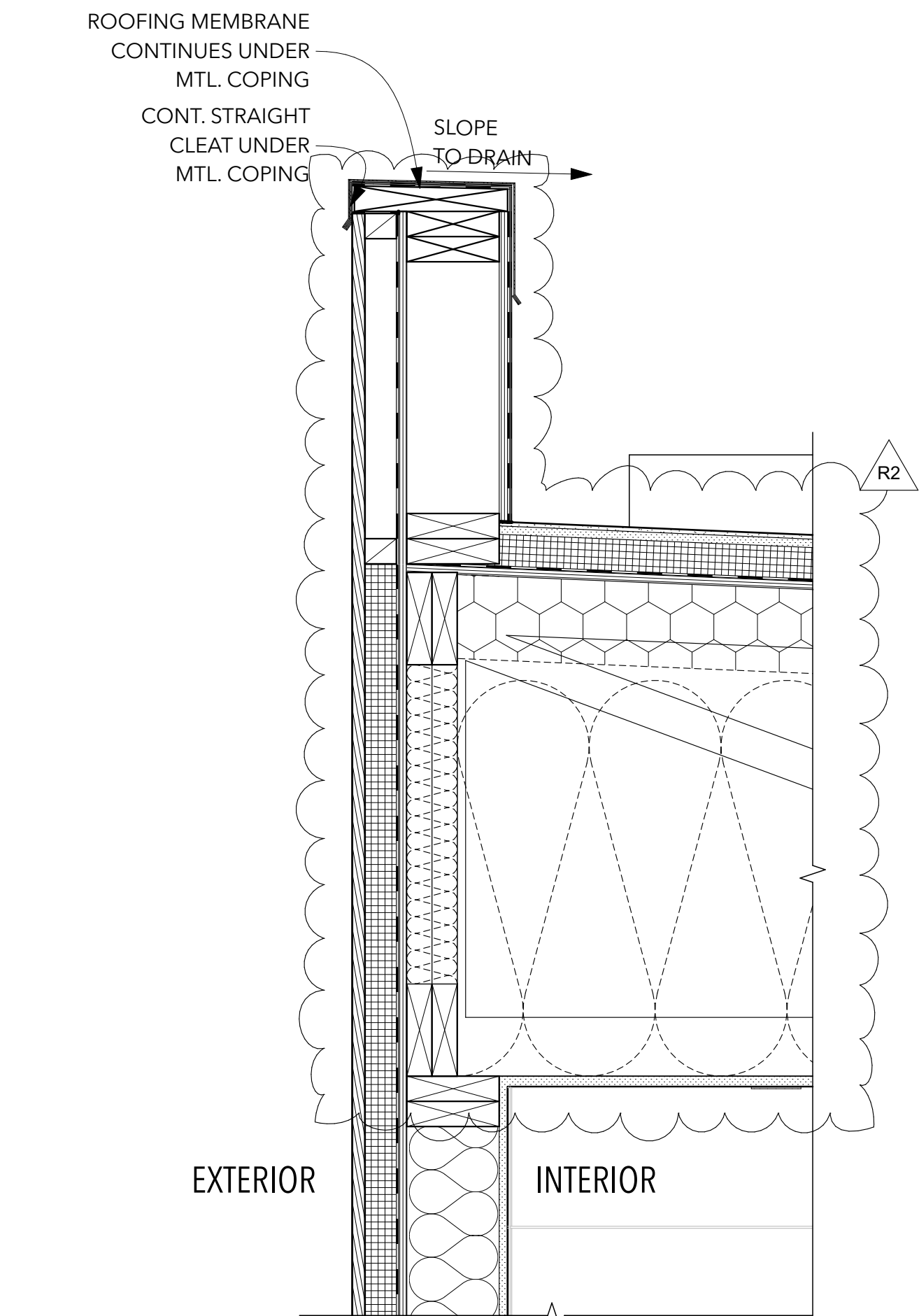


A9
CALCS. // PERSPECTIVES
PERMIT SET REV 03 01.05.23

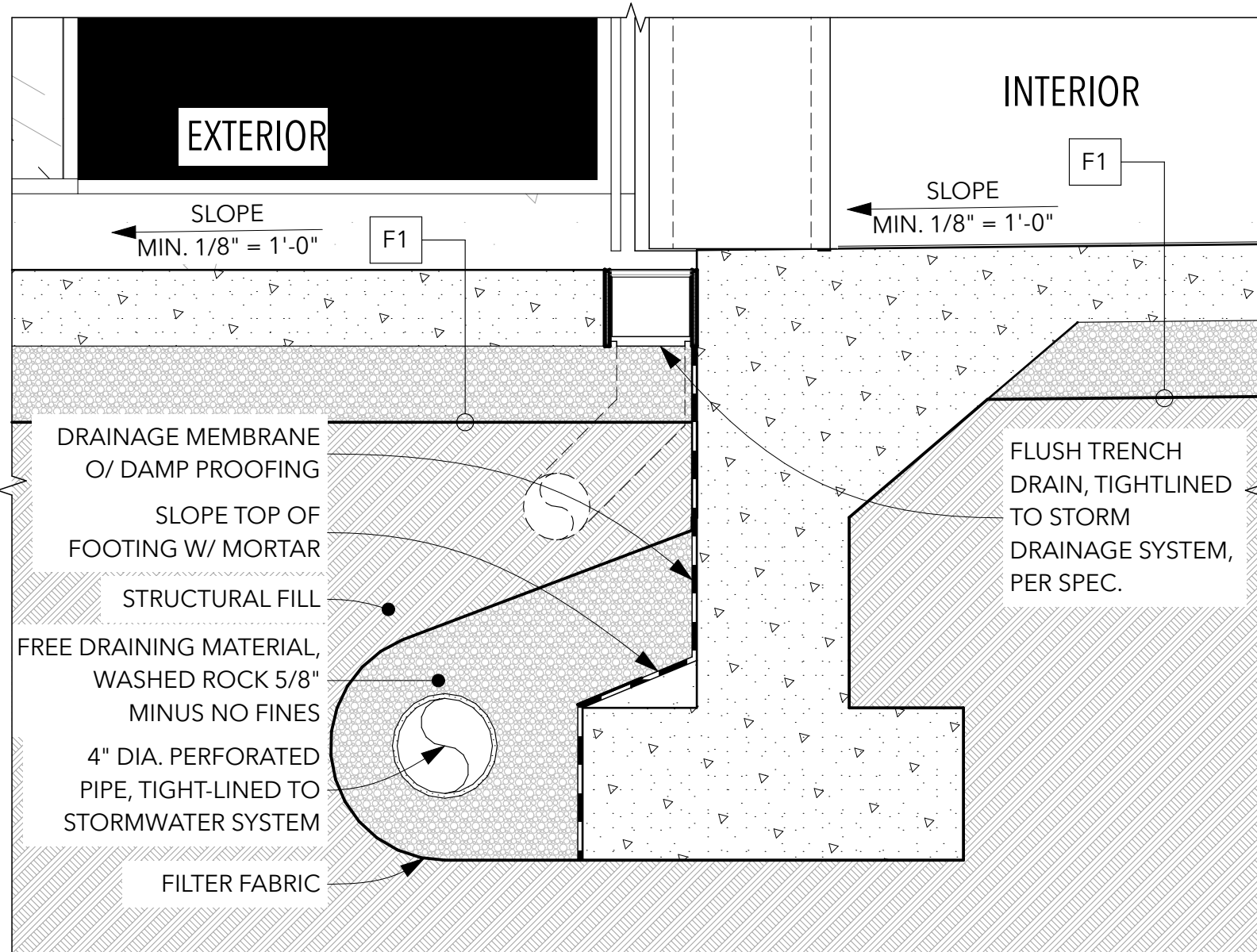
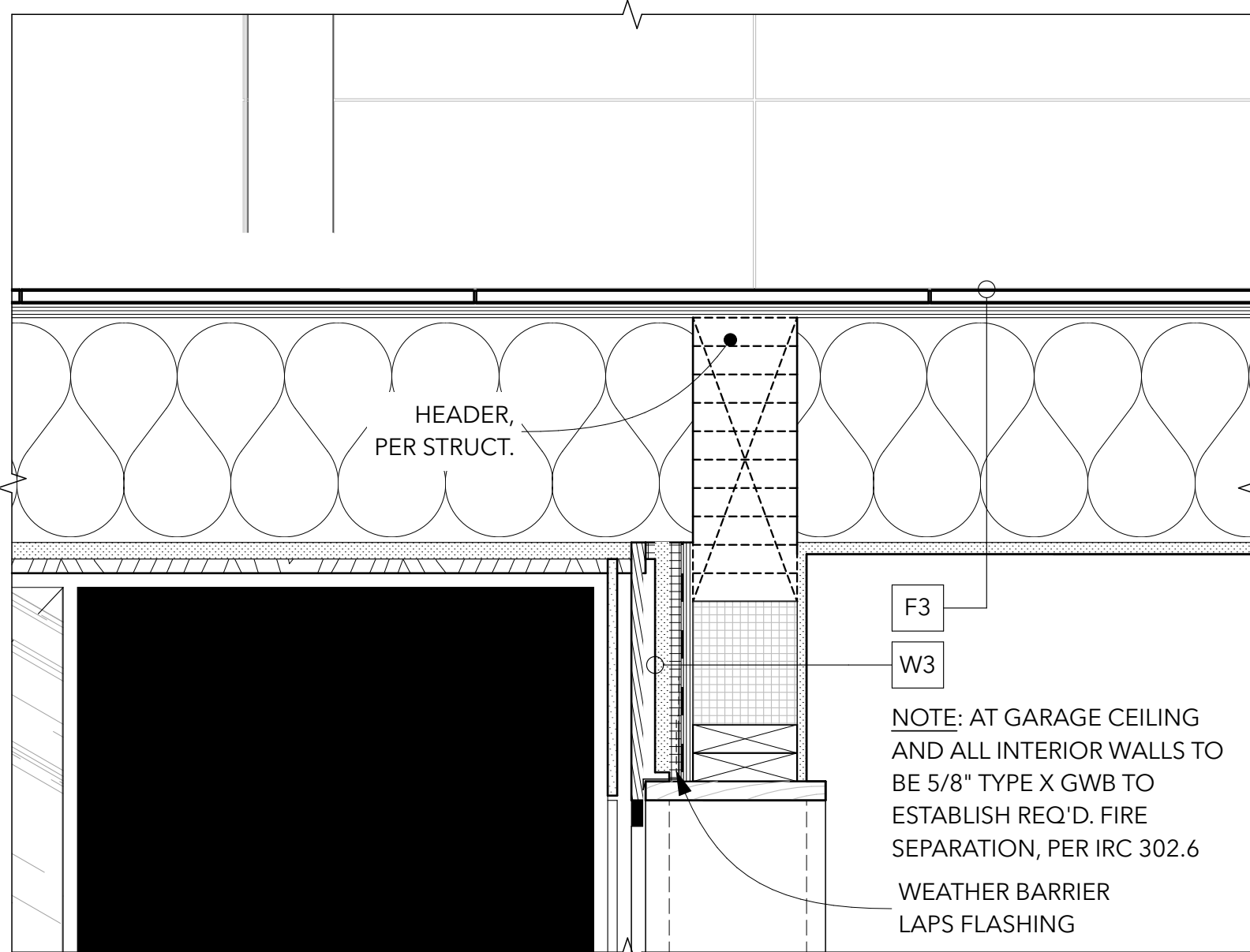
RAVENSDALE
XXXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

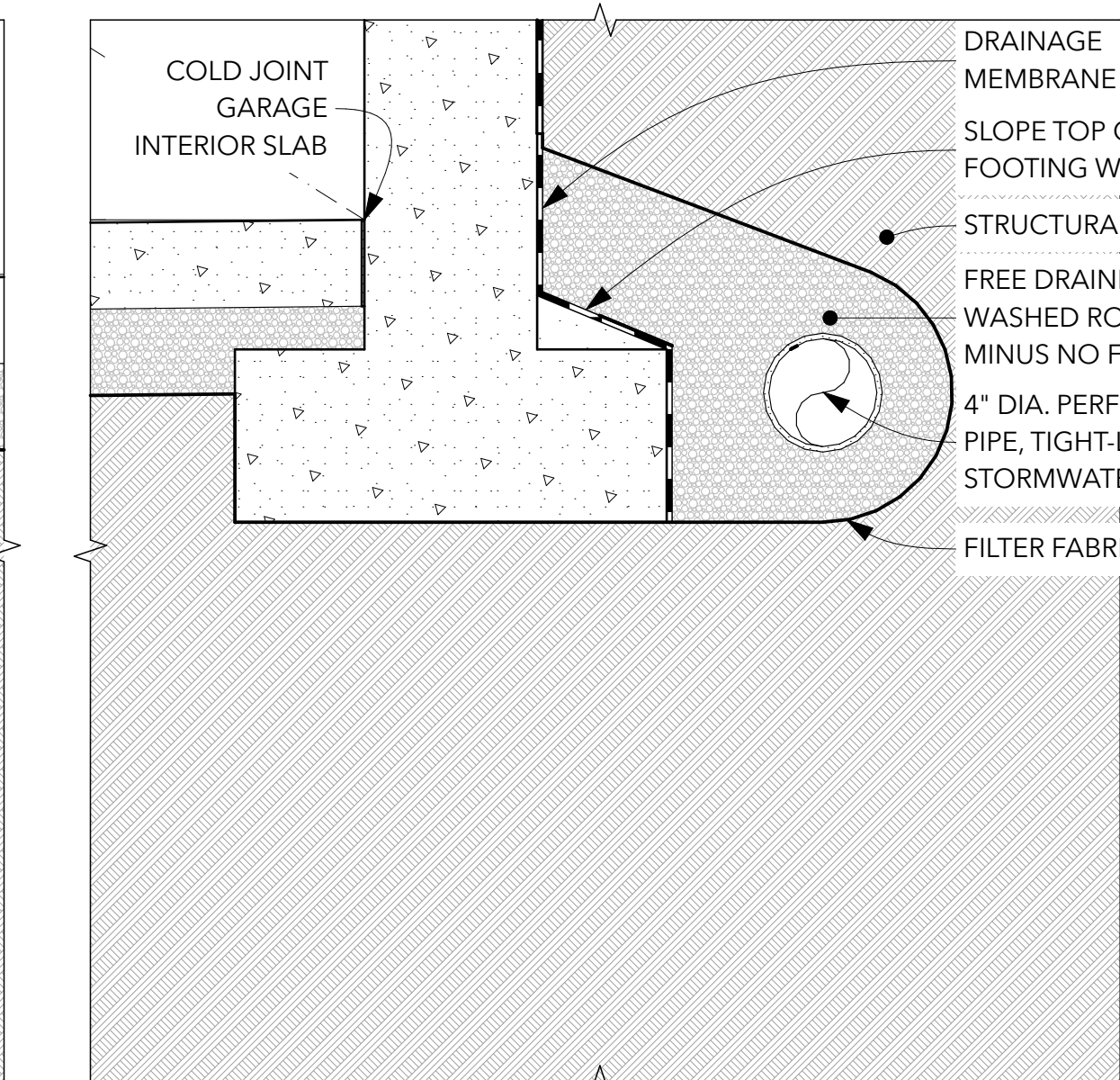
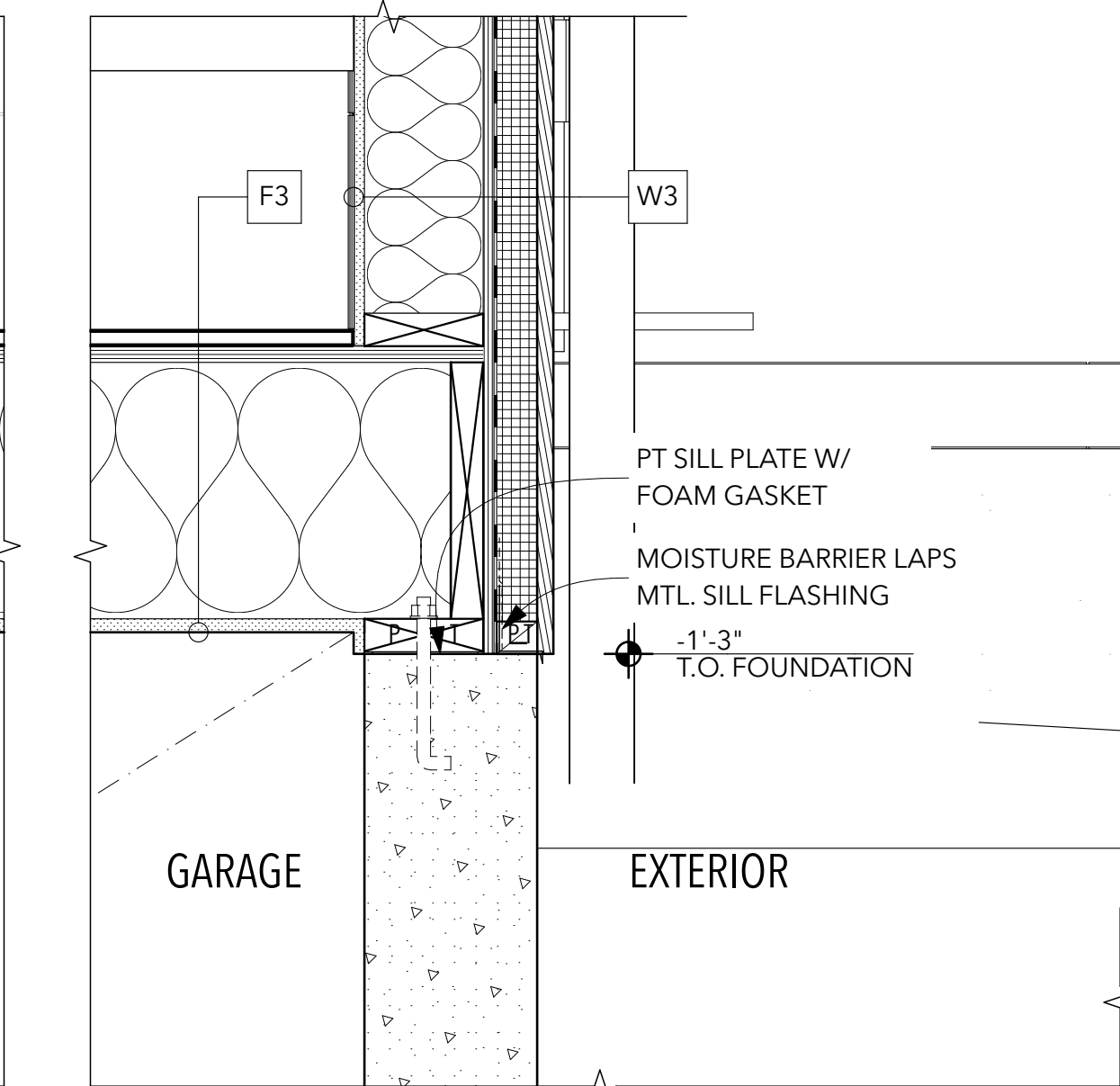
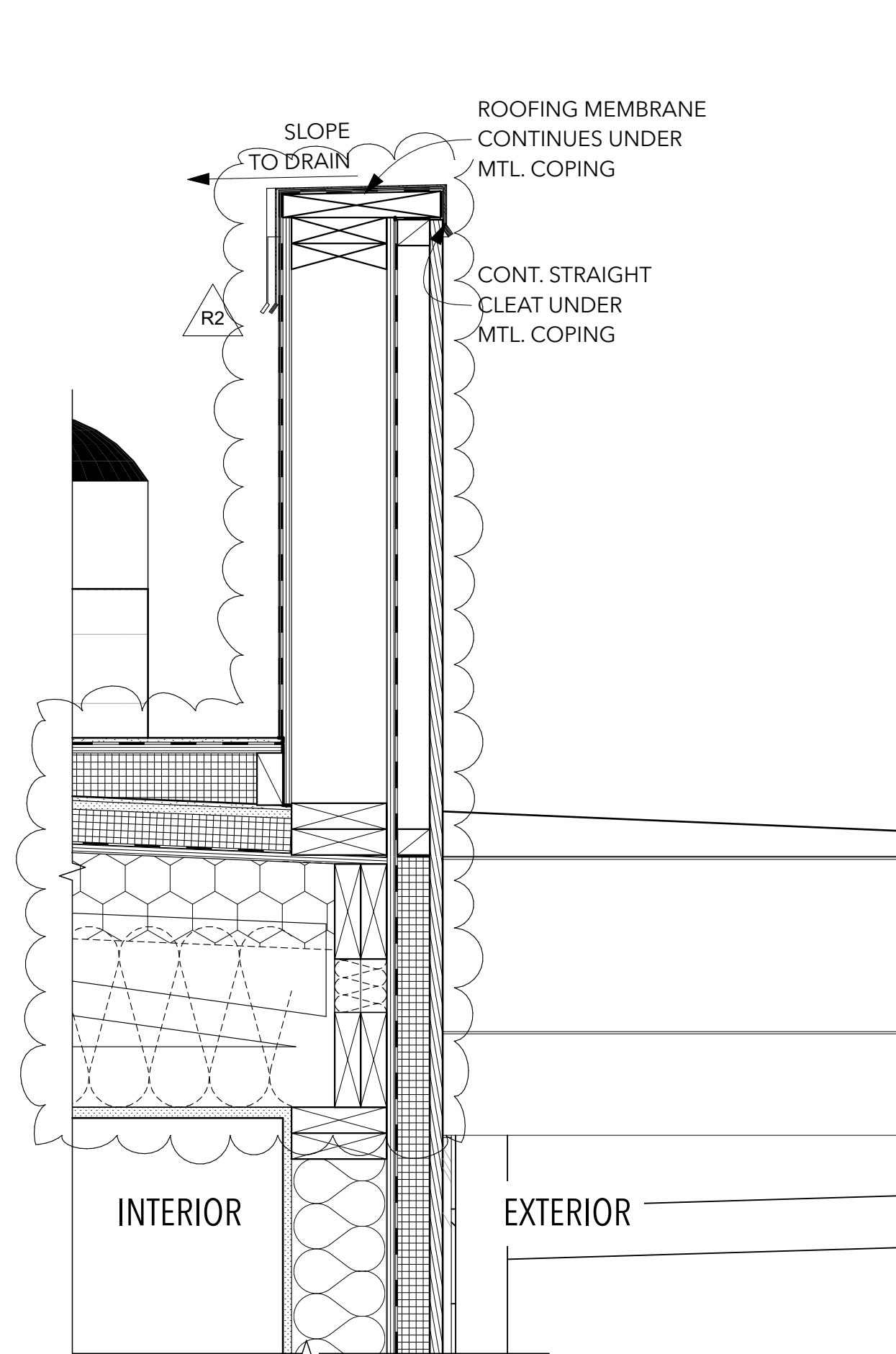
BUILDING DEPT STAMPS



1 WALL SECTION @ MAIN ENTRY
SCALE: 1 1/2" = 1'-0"



2 WALL SECTION @ GARAGE FOOTING
SCALE: 1 1/2" = 1'-0"



3 WALL SECTION @ SOUTH WALL 01
SCALE: 1 1/2" = 1'-0"

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SAFEbuilt LLC
WASHINGTON
Reviewed By: Amber Green
Date: 10/7/2021
Permit #: DWEL21-0051

WALL, FLOOR, AND ROOF ASSEMBLIES

DRAINAGE MAT (WHERE BELOW GRADE) O/
8" CONC. FOUNDATION WALL

W1 EXTERIOR WALL ASSEMBLY:
FOUNDATION WALL

DRAINAGE MAT (WHERE BELOW GRADE) O/
8" CONC. FOUNDATION WALL O/
2" RIGID INSULATION O/
2X4 FRAMING W/
R-15 BATT INSULATION O/
1/2" GWB W/
VAPOR RETARDER PRIMER O/
INTERIOR FINISH PER SCHEDULE

W2 EXTERIOR WALL ASSEMBLY:
FOUNDATION WALL W/ INSULATION

SIDING, PER ELEVATION O/
1X PT FURRING STRIPS W/
2" FOIL FACED
RIGID INSULATION O/
WEATHER BARRIER O/
PLYWOOD SHEATHING O/
2X6 FRAMING, PER STRUCTUAL W/
R-21 BATT INSULATION O/
1/2" GWB W/
VAPOR RETARDER PRIMER O/
INTERIOR FINISH PER SCHEDULE

W3 EXTERIOR WALL ASSEMBLY

1/2" GWB (*TILE BACKER
AT TILED LOCATIONS) O/
2X4 FRAMING, PER STRUCTUAL O/
1/2" GWB (*TILE BACKER
AT TILED LOCATIONS)

W4 INTERIOR WALL ASSEMBLY:
TYP. INTERIOR WALL

1/2" GWB (*TILE BACKER
AT TILED LOCATIONS) O/
2X4 FRAMING, PER STRUCTUAL O/
1/2" GWB (*TILE BACKER
AT TILED LOCATIONS)

W5 INTERIOR WALL ASSEMBLY:
TYP. INTERIOR WALL

4" CONC. SLAB ON GRADE O/
VAPOR BARRIER O/
6" GRAVEL BED

F1 FLOOR ASSEMBLY:
GARAGE / EXTERIOR CONC. APRON(S)

4" CONC. SLAB ON GRADE O/
2" R-10 RIGID INSULATION
(UNDER ENTIRE SLAB) O/
VAPOR BARRIER O/
6" GRAVEL BED

F2 FLOOR ASSEMBLY:
BASEMENT SLAB (FULLY INSULATED)

FLOOR FINISH PER PLAN
SHEATHING, PER STRUCTURAL O/
JOISTS PER STRUCT W/
R-38 BATT INSULATION O/
FINISH CEILING, PER PLAN

F3 FLOOR ASSEMBLY:
TYP. FRAMED FLOOR

CONC. PAVERS O/
1" WASHED SAND OR 0.5"
WASHED CRUSHED STONE (FOR
BASE MATERIAL) O/
6" OPEN-GRADED BASE MATERIAL,
3/4" - 2" CRUSHED-WASHED O/
SUBGRADE (COMPACTION BASED
ON CURRENT SWMMWW
REQUIREMENTS)

F4 FLOOR ASSEMBLY:
PERMEABLE PAVERS

ROOFING MEMBRANE O/
ROOF COVER BOARD O/
MIN. 2" RIGID INSULATION O/
VAPOR BARRIER O/
SHEATHING, PER STRUCTURAL O/
TRUSS FRAMING, PER STRUCTURAL W/
5" MIN. CLOSED CELL SPRAY FOAM
INSULATION (JM COROBOND MCS
(CLOSED CELL) POLYURETHANE OR
EQUIV., TYP. W/
BATT INSULATION TO FILL CAVITY
W/ 5/8" GWB O/
FINISH CEILING, PER PLAN

R1 ROOF ASSEMBLY: TYP. ROOF

ROOFING MEMBRANE O/
ROOF COVER BOARD O/
MIN. 2" RIGID INSULATION O/
VAPOR BARRIER O/
SHEATHING, PER STRUCTURAL O/
TRUSS FRAMING, PER STRUCTURAL O/
5/8" FIRE RATED
GYPSUM SHEATHING O/
FINISH CEILING, PER PLAN

R2 ROOF ASSEMBLY:
TYP. ROOF AT CANOPY



LANE WILLIAMS ARCHITECTS
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SEATTLE, WA 98119
206-284-8355



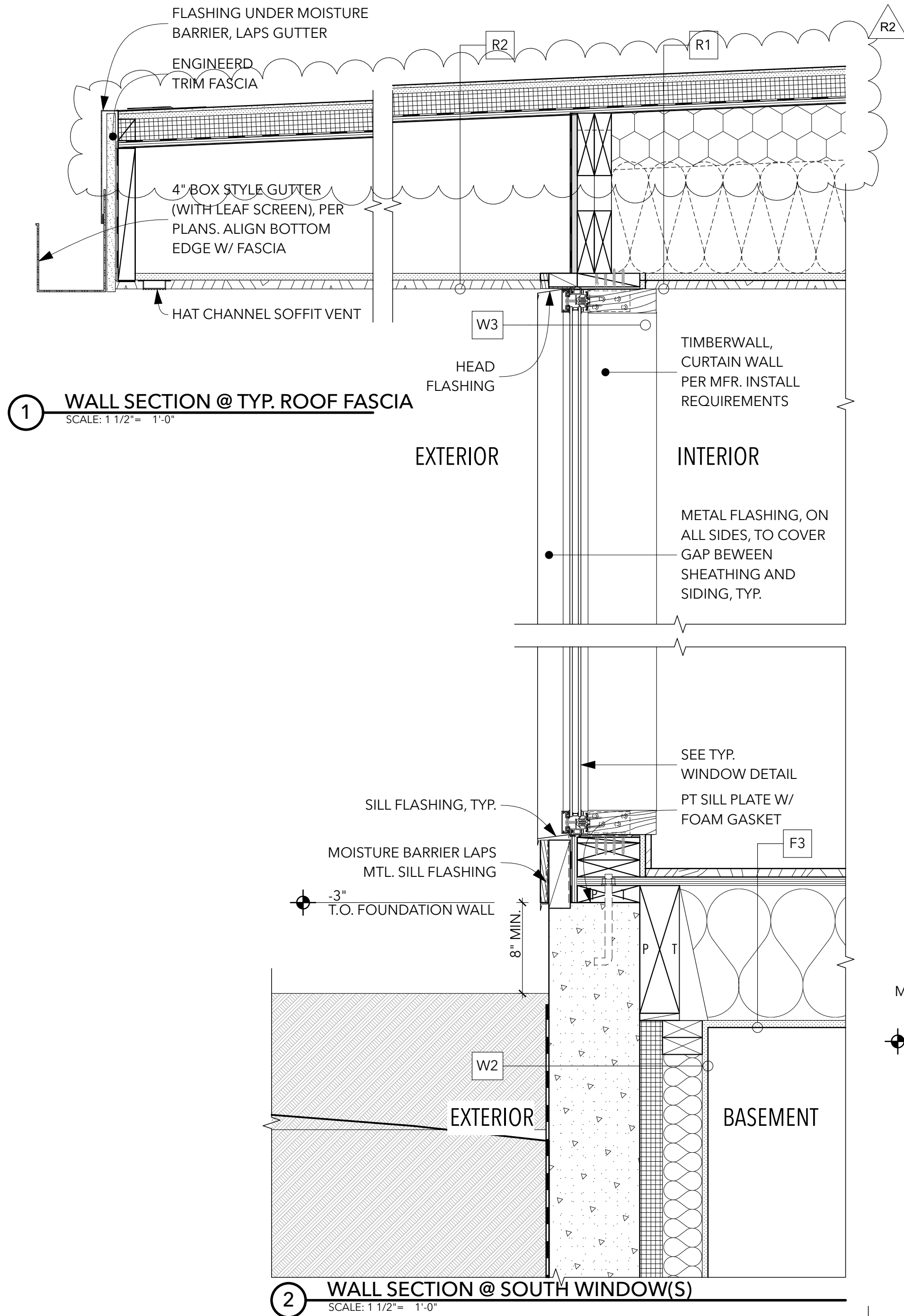
A10

WALL SECTIONS
PERMIT SET REV 03 01.05.23

RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS

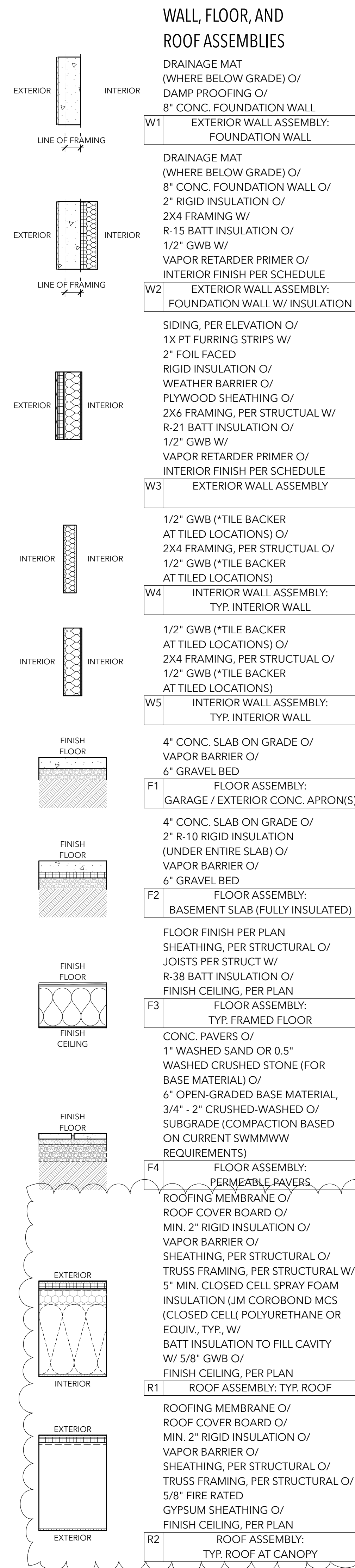
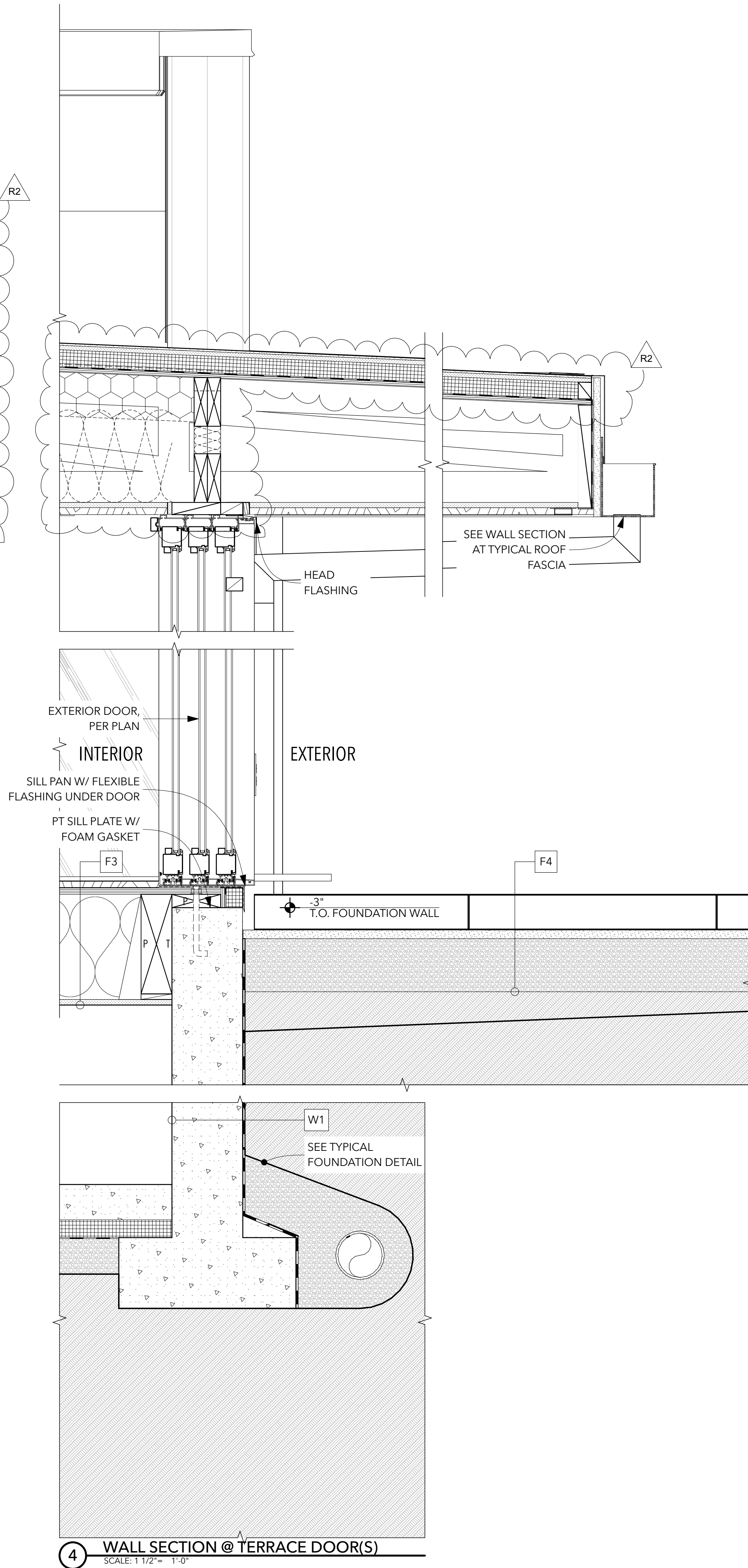
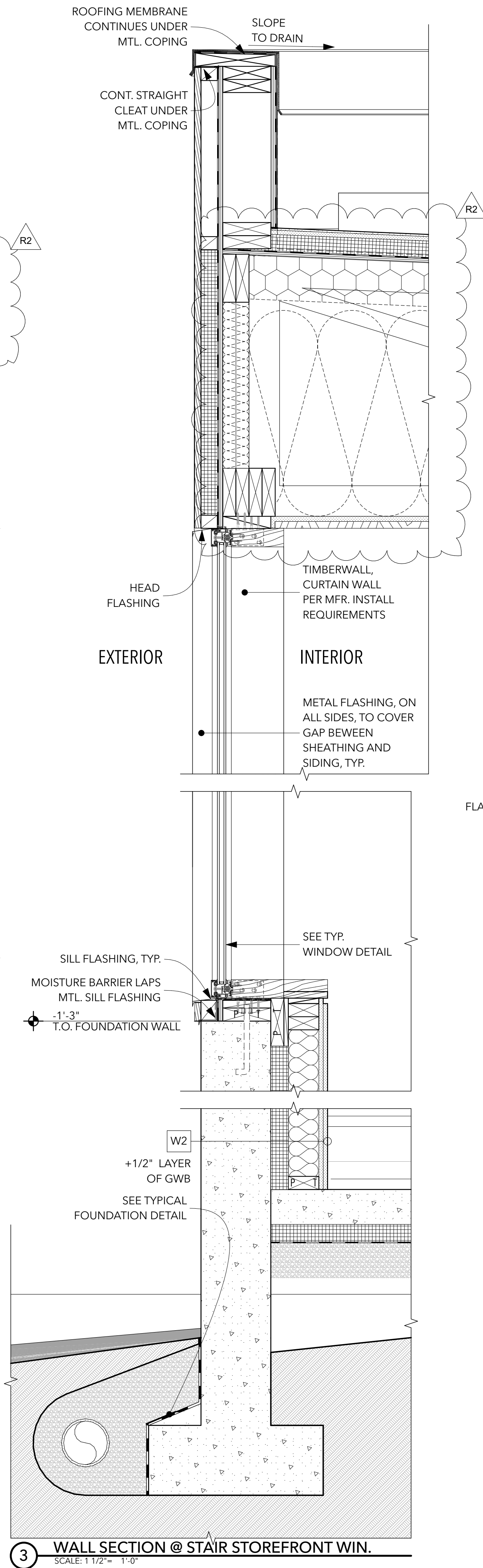


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WASHINGTON

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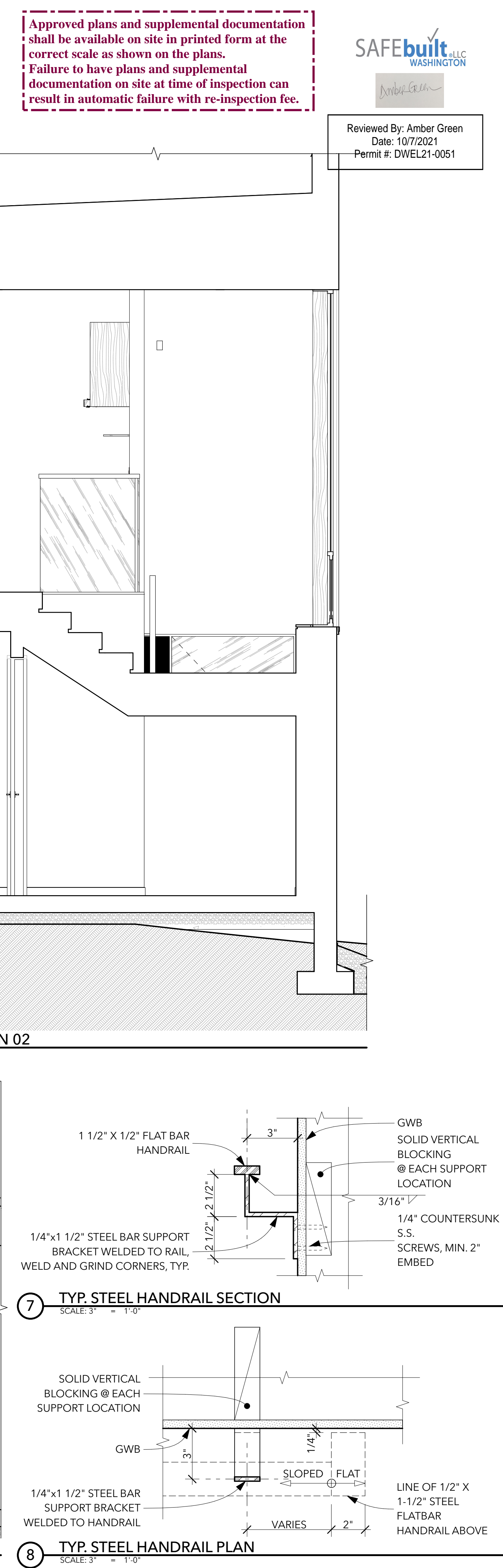
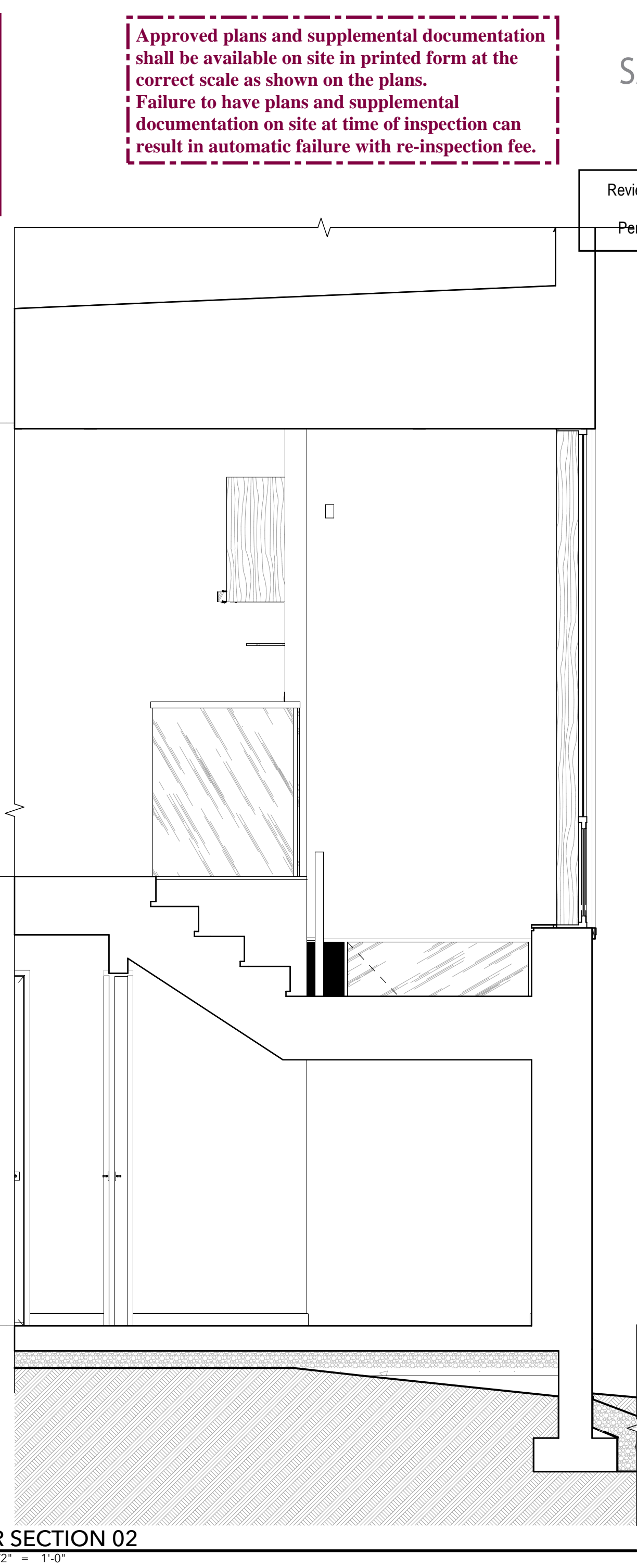
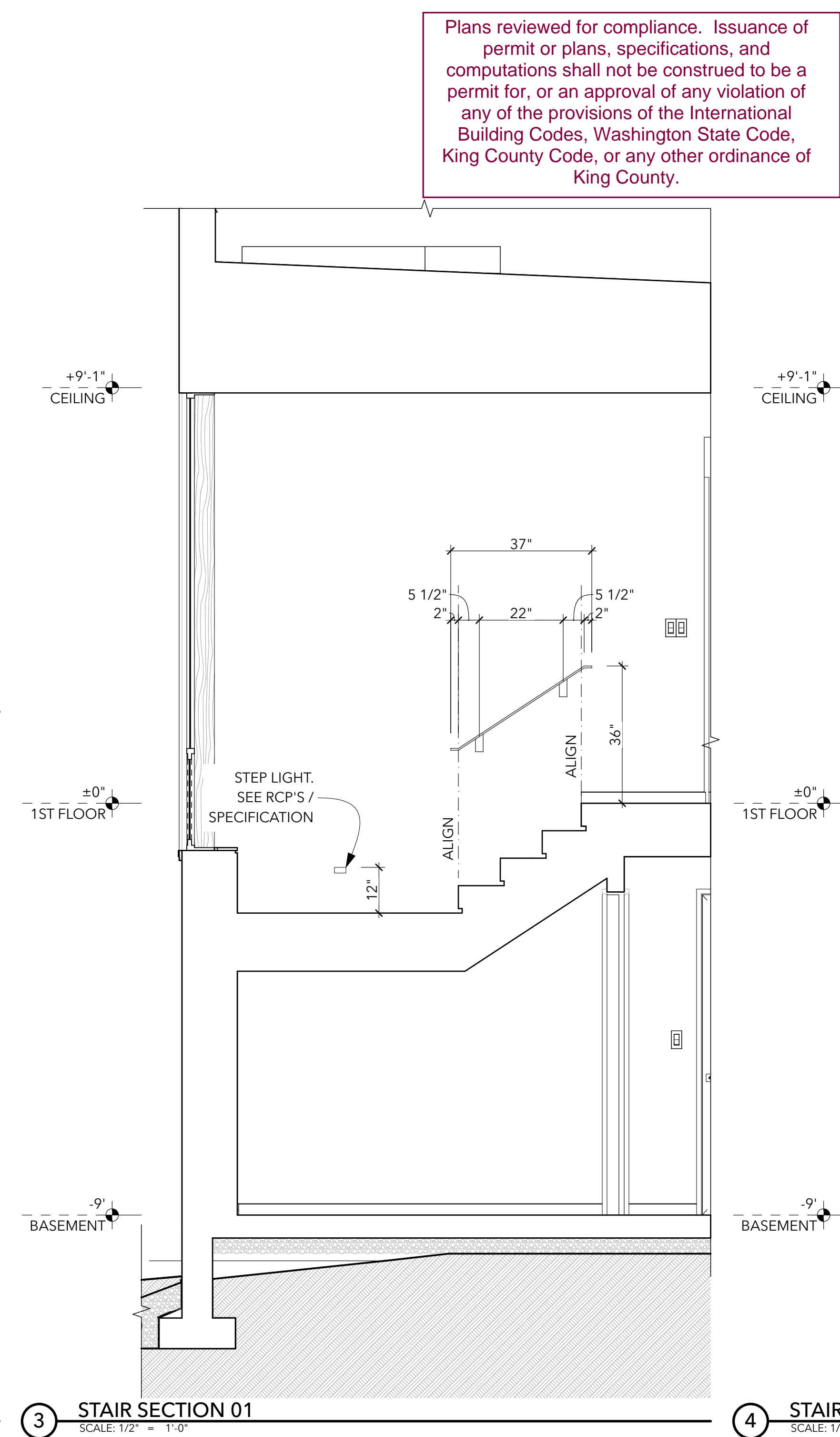
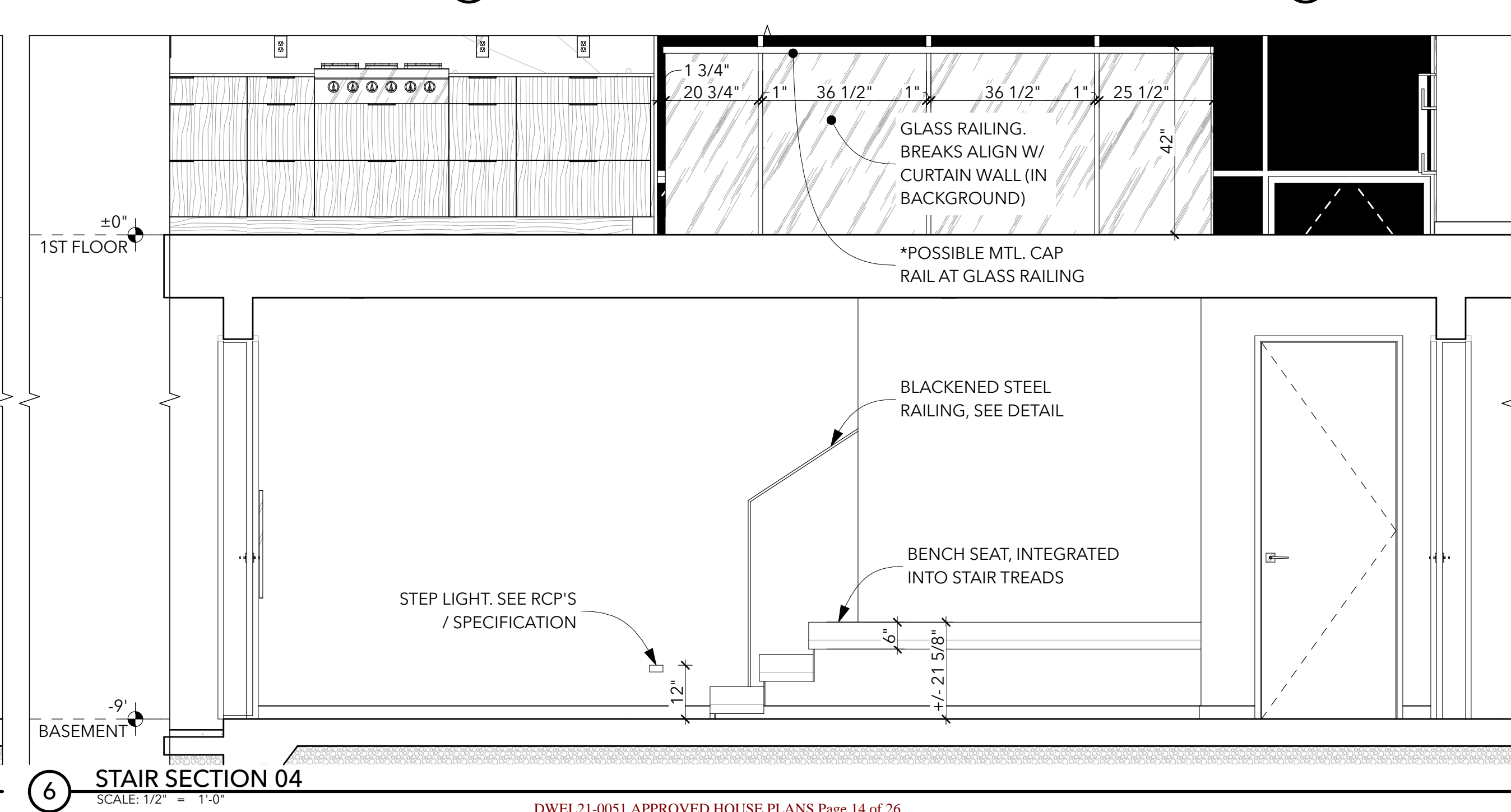
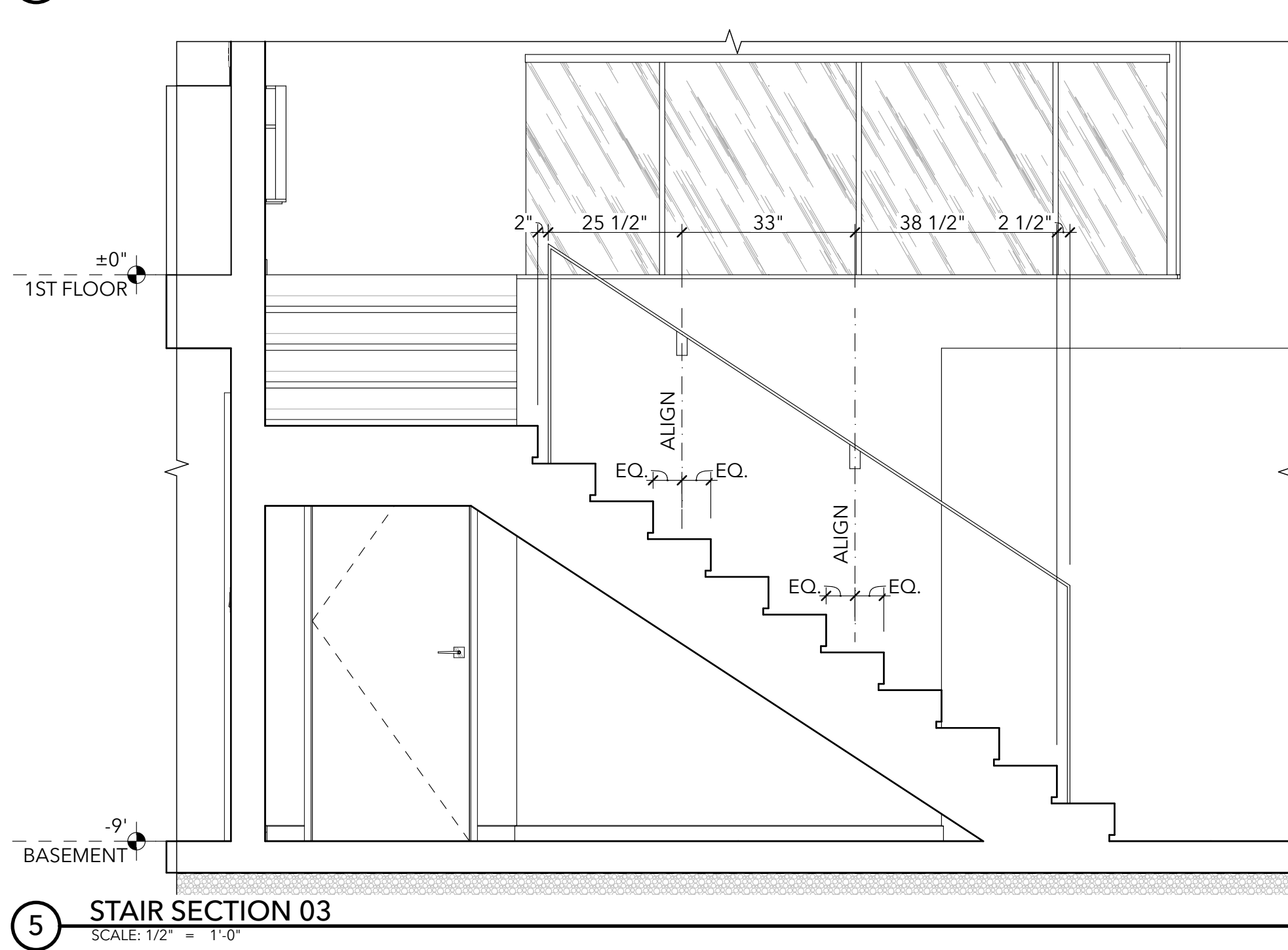
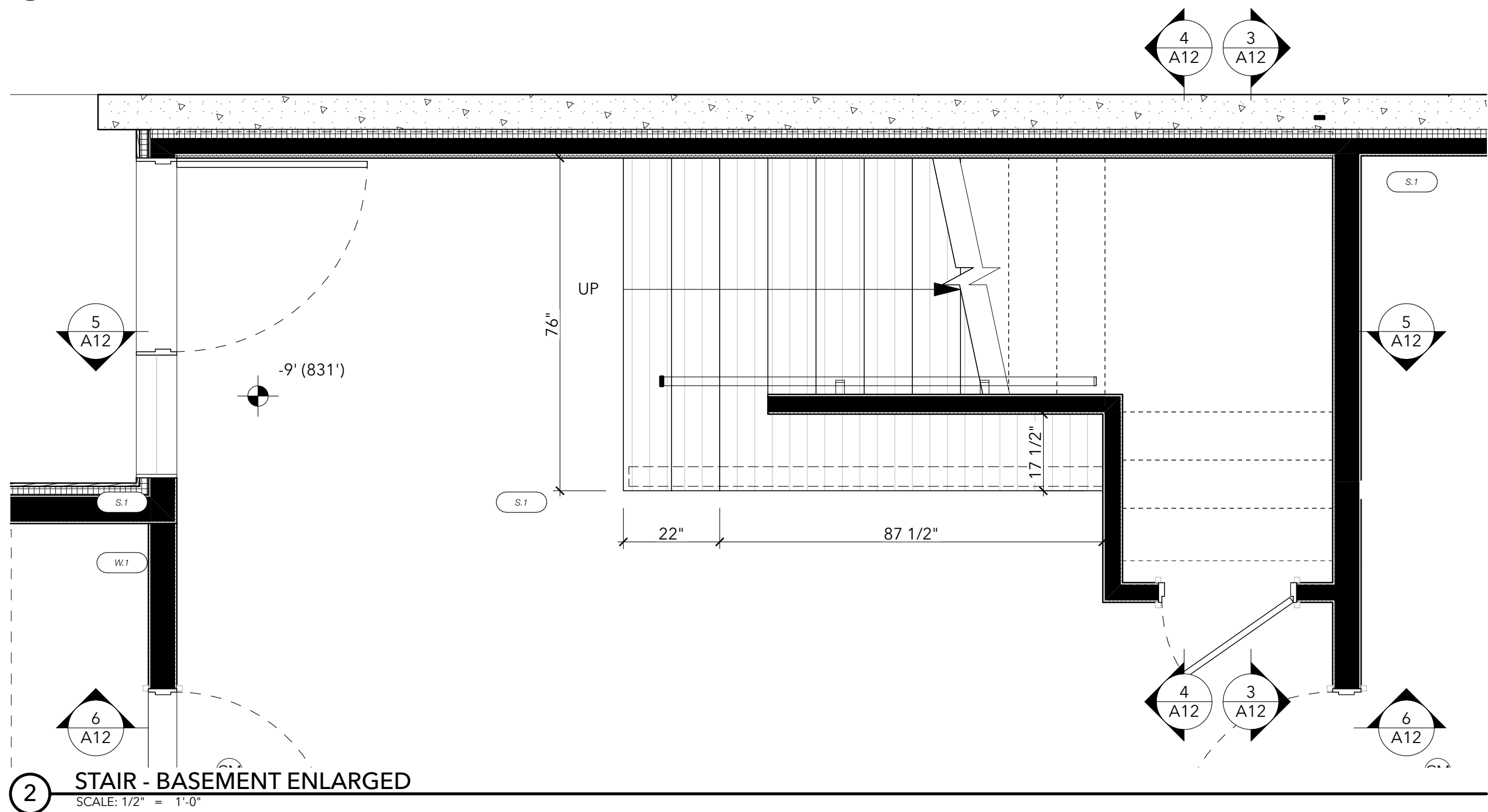
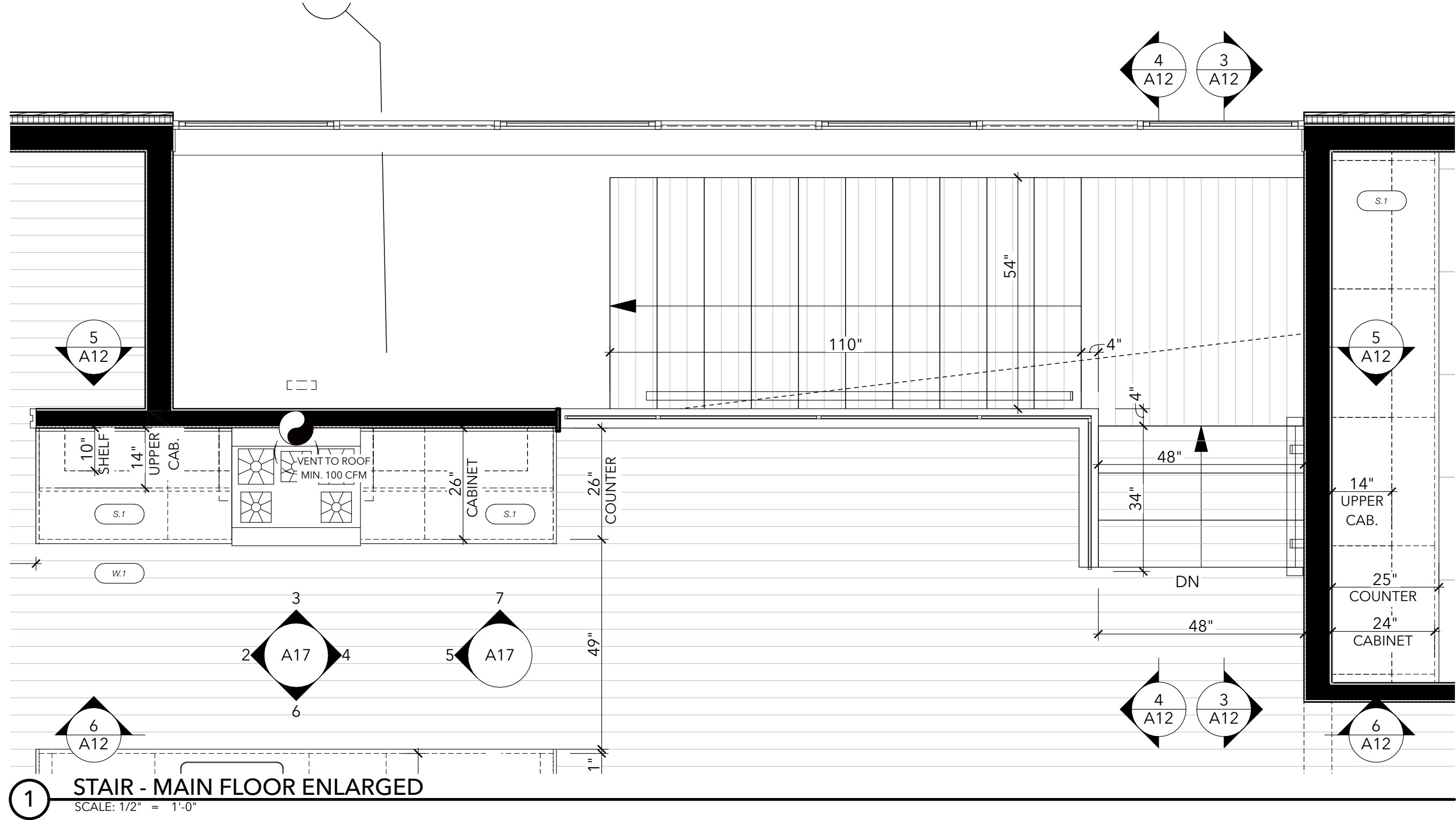
A11

WALL SECTIONS
PERMIT SET REV 03 01.05.23

RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS



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SAFEbuilt^{ALIC} WASHINGTON
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LWA

LANE WILLIAMS ARCHITECTS
2420 8TH AVE W
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206-284-8355

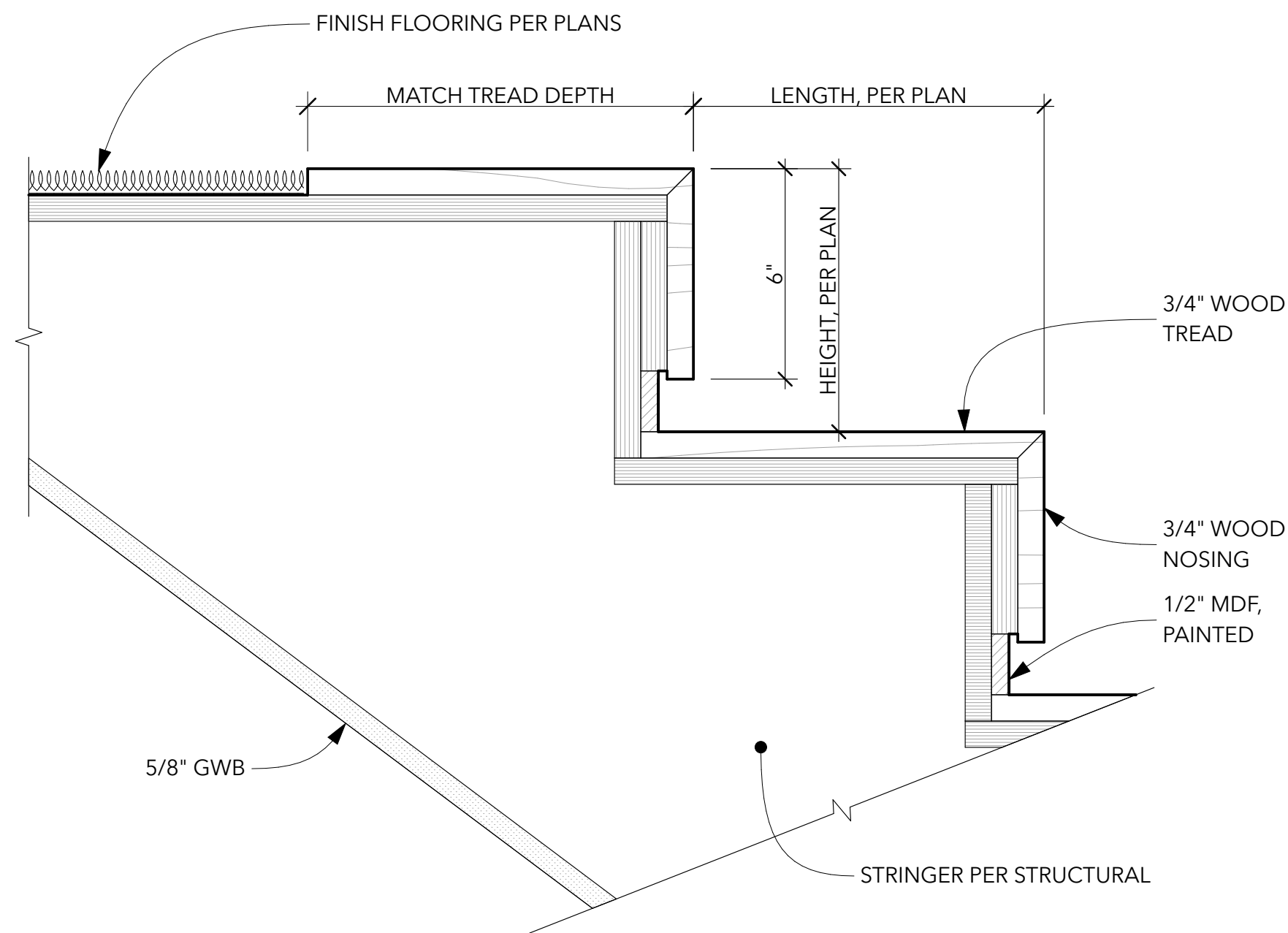
4848
K. LANE WILLIAMS
STATE OF WASHINGTON

A12
ENLARGED STAIR
PERMIT SET REV 03 01.05.23

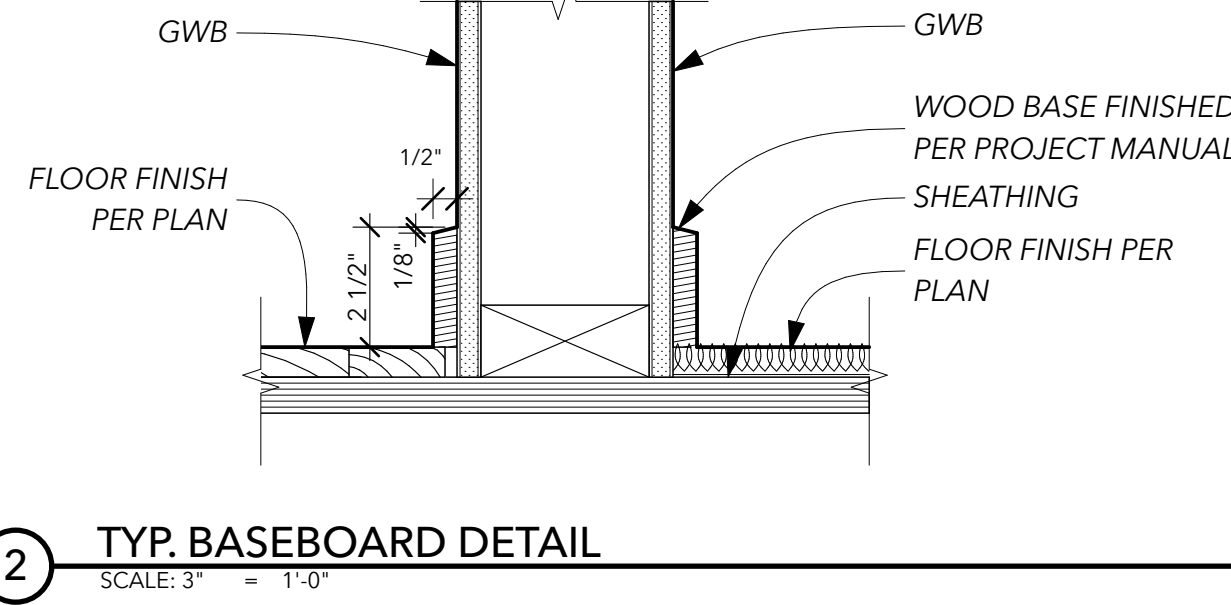
RAVENSDALE
XXXX 310TH AVENUE SE
RAVENSDALE WA 98051

(18371)

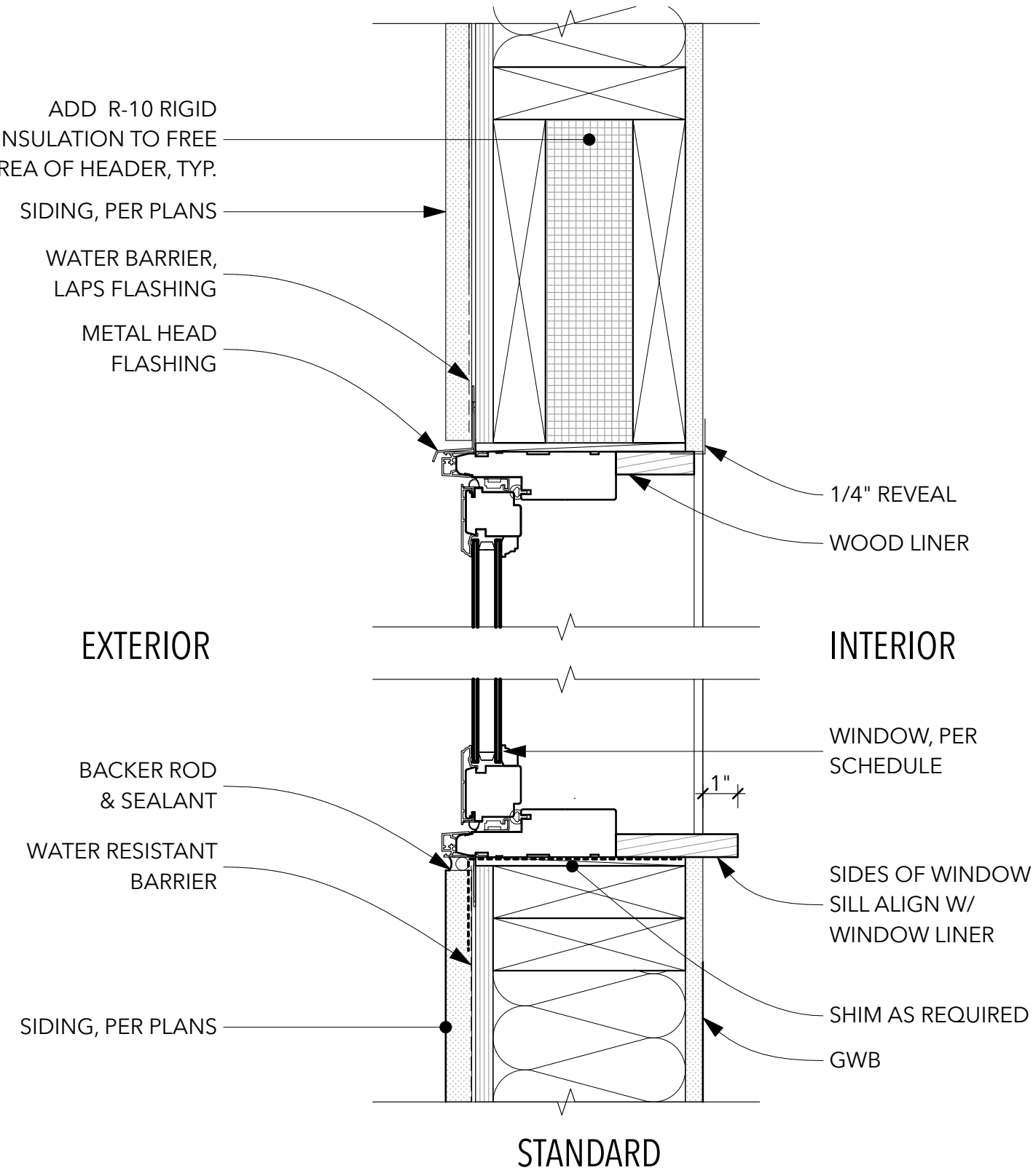
BUILDING DEPT STAMPS



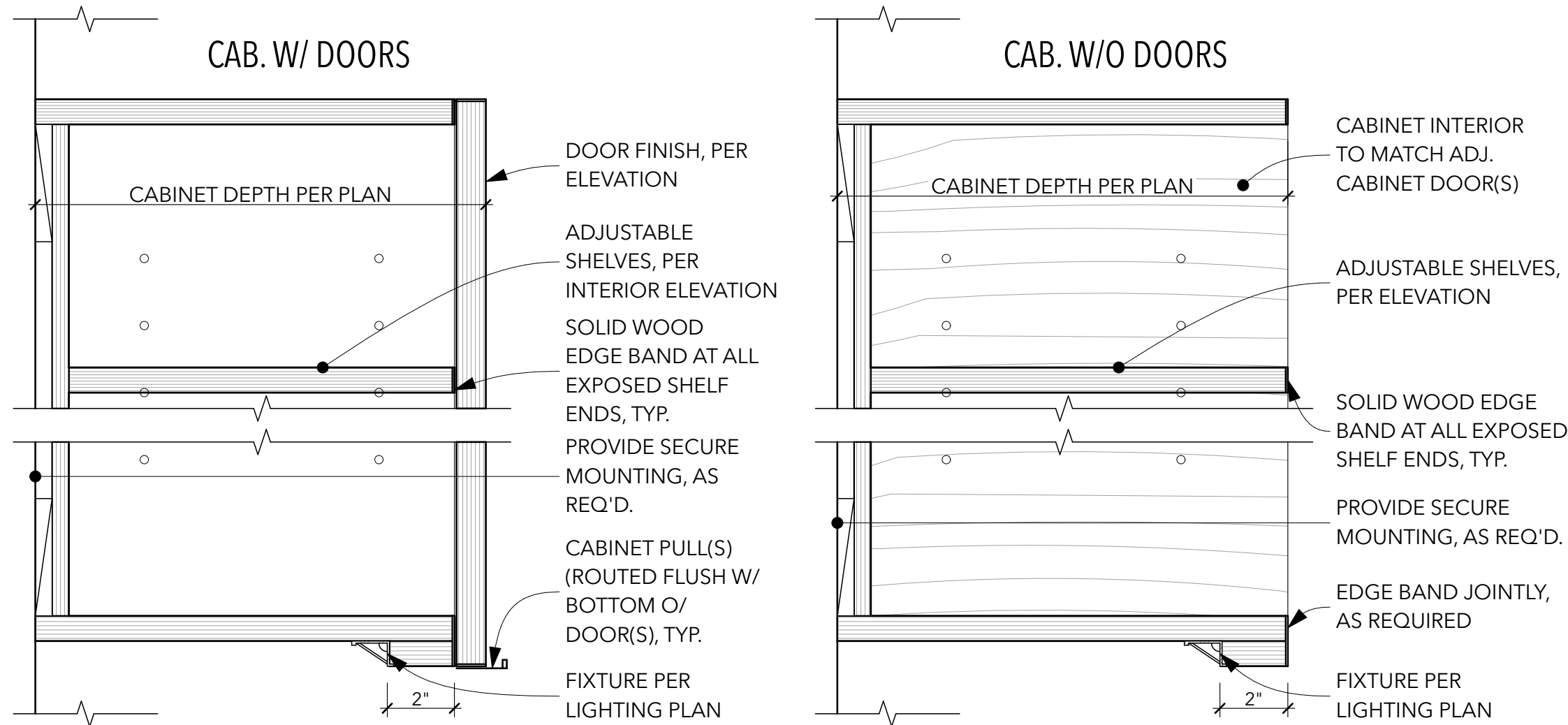
1 TYP. CLOSED TREAD DETAIL
SCALE: 3" = 1'-0"



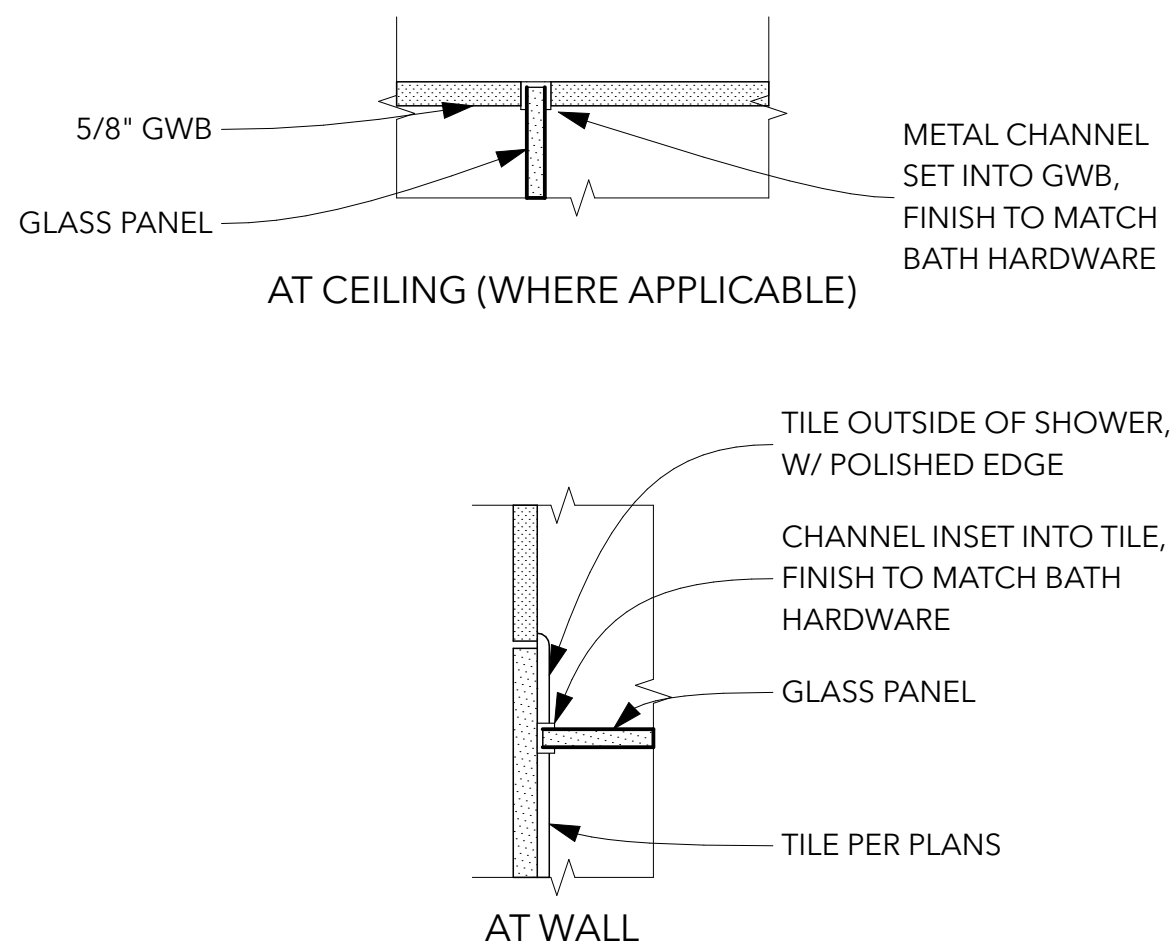
2 TYP. BASEBOARD DETAIL
SCALE: 3" = 1'-0"



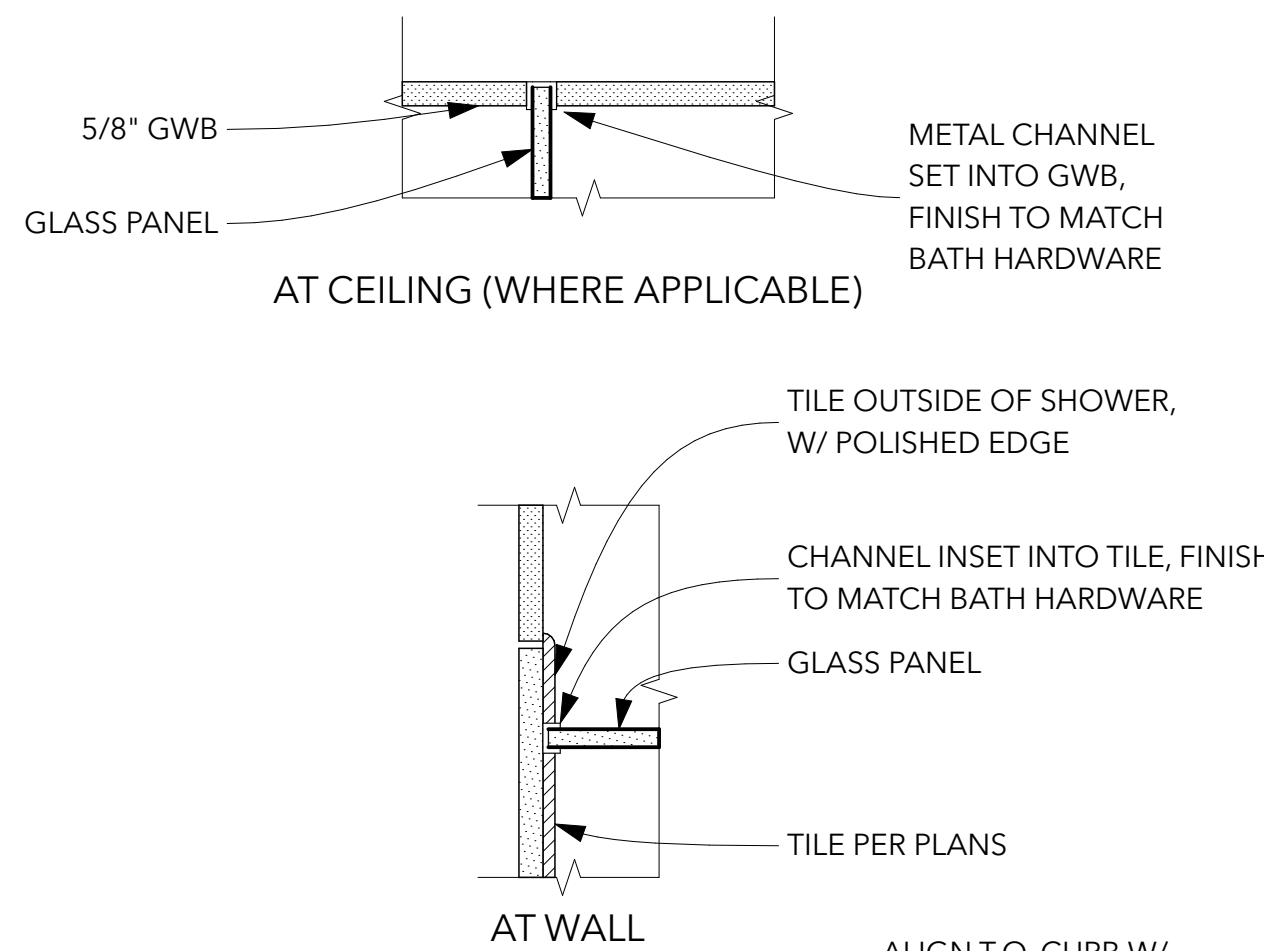
3 TYP. WINDOW DETAIL
SCALE: 3" = 1'-0"



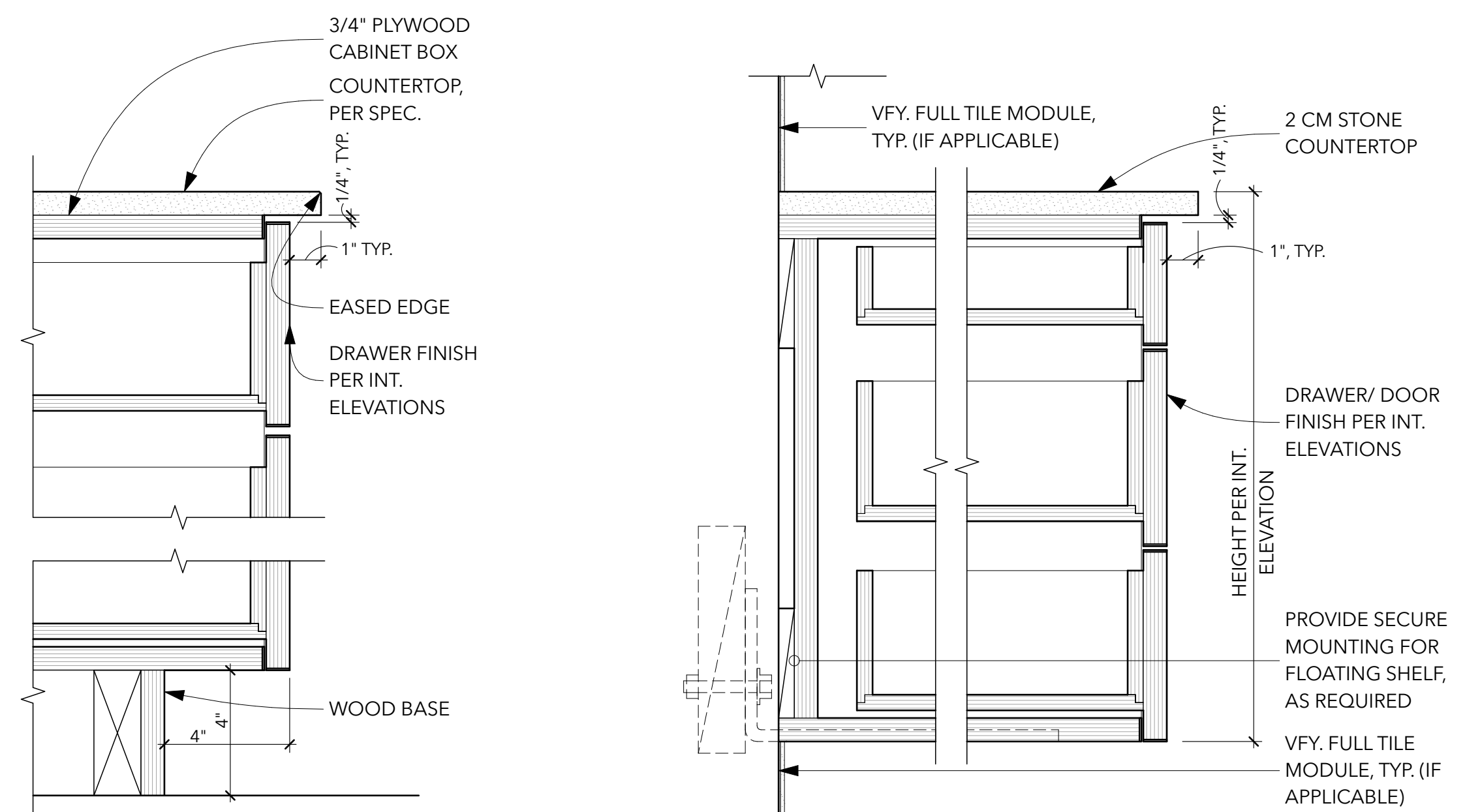
4 TYP. FLOATING UPPER CABINET
SCALE: 3" = 1'-0"



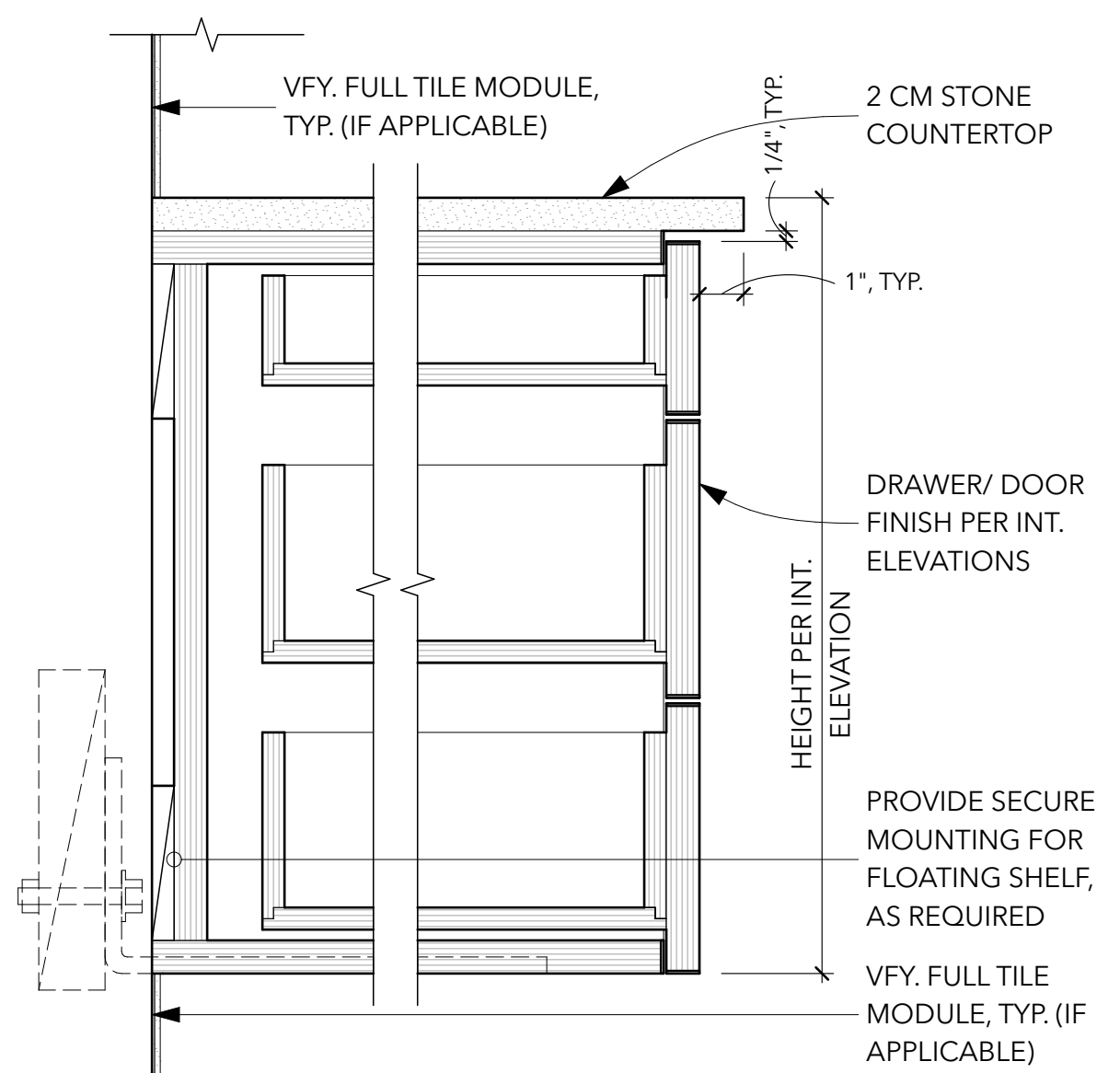
7 TYP. SHOWER CURB
SCALE: 3" = 1'-0"



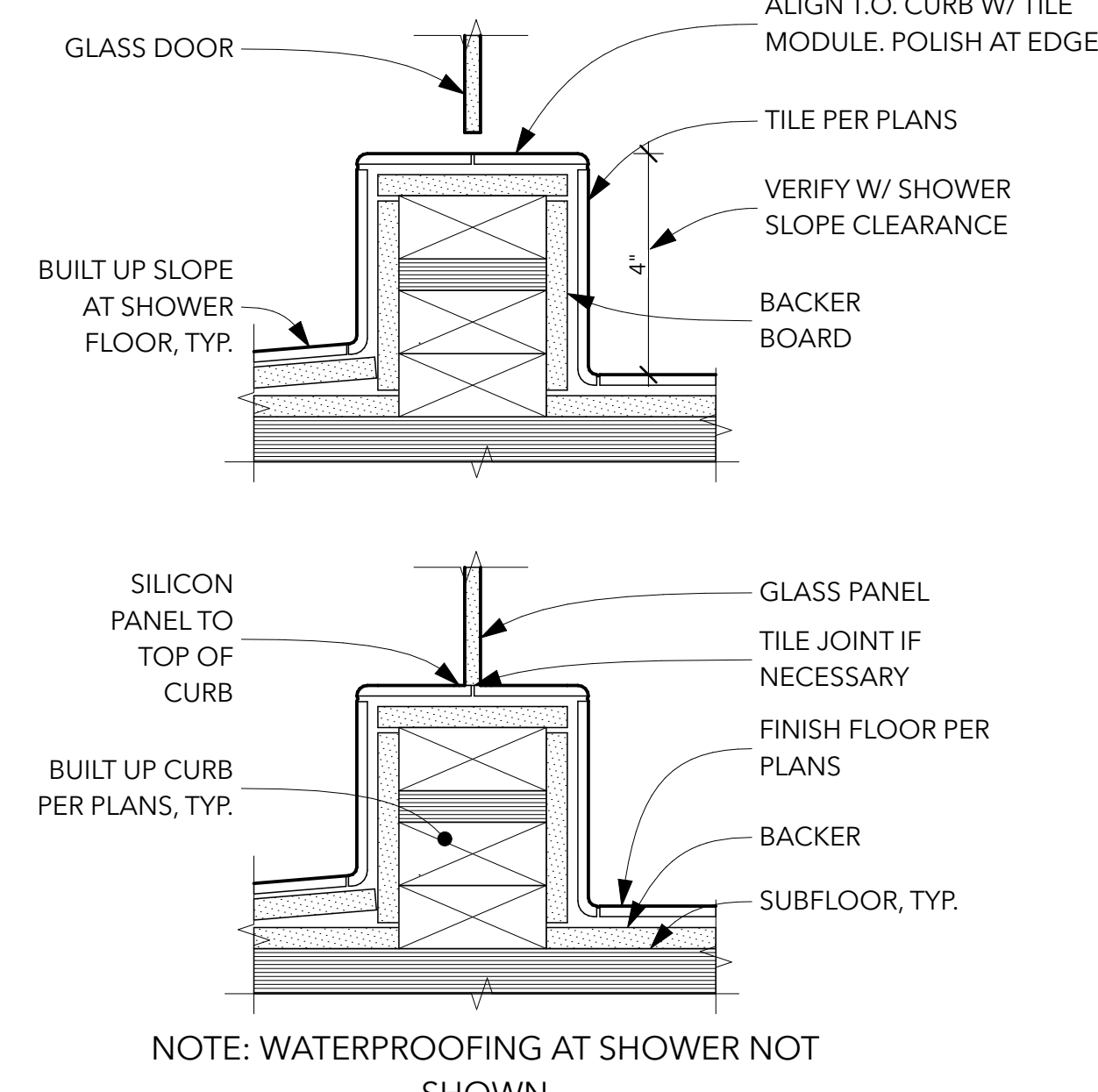
3 TYP. WINDOW DETAIL
SCALE: 3" = 1'-0"



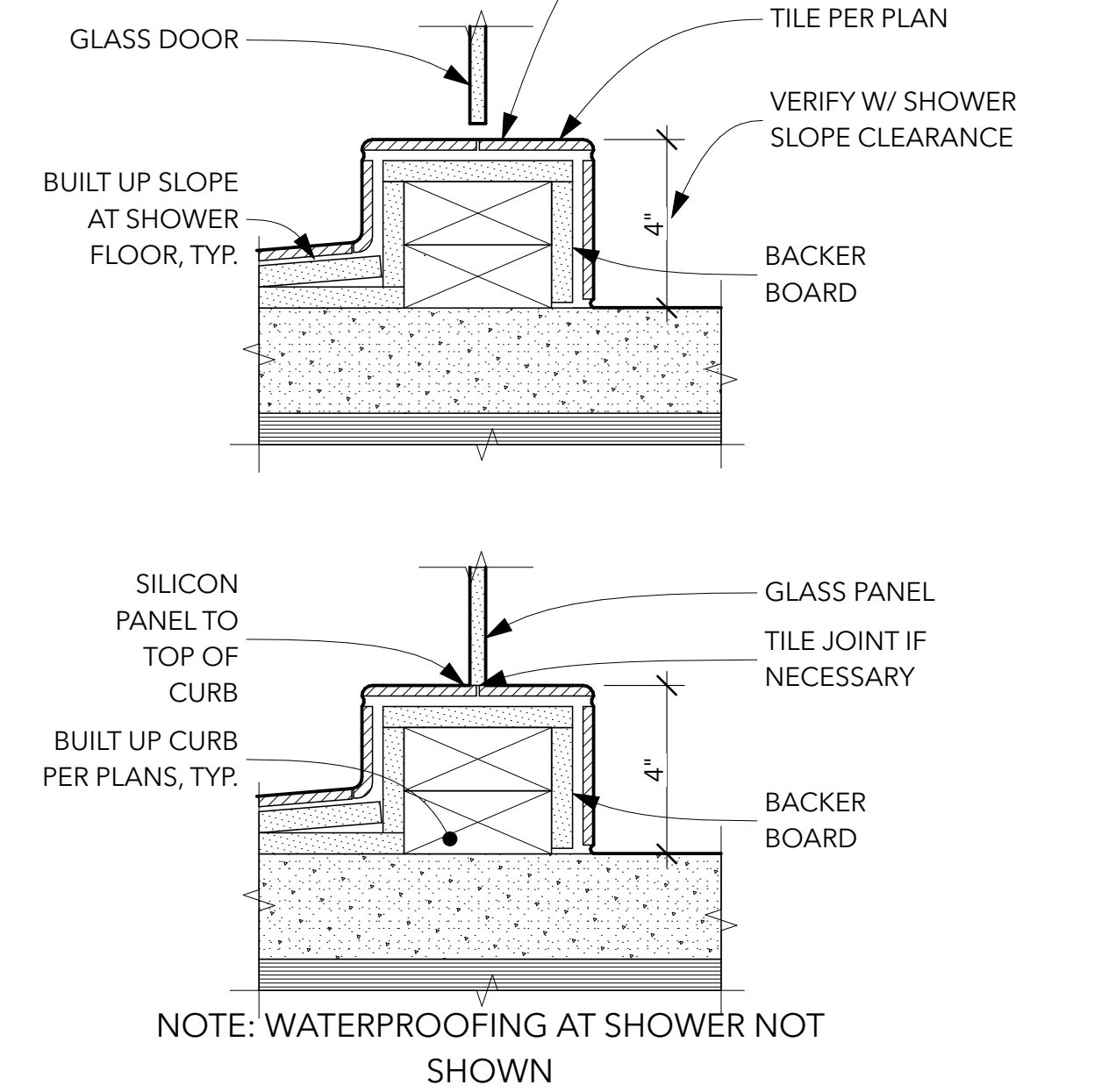
5 TYP. CABINET DETAIL
SCALE: 3" = 1'-0"



6 TYP. FLOATING CABINET
SCALE: 3" = 1'-0"



7 TYP. SHOWER CURB
SCALE: 3" = 1'-0"



3 TYP. WINDOW DETAIL
SCALE: 3" = 1'-0"

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WASHINGTON

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LANE WILLIAMS ARCHITECTS
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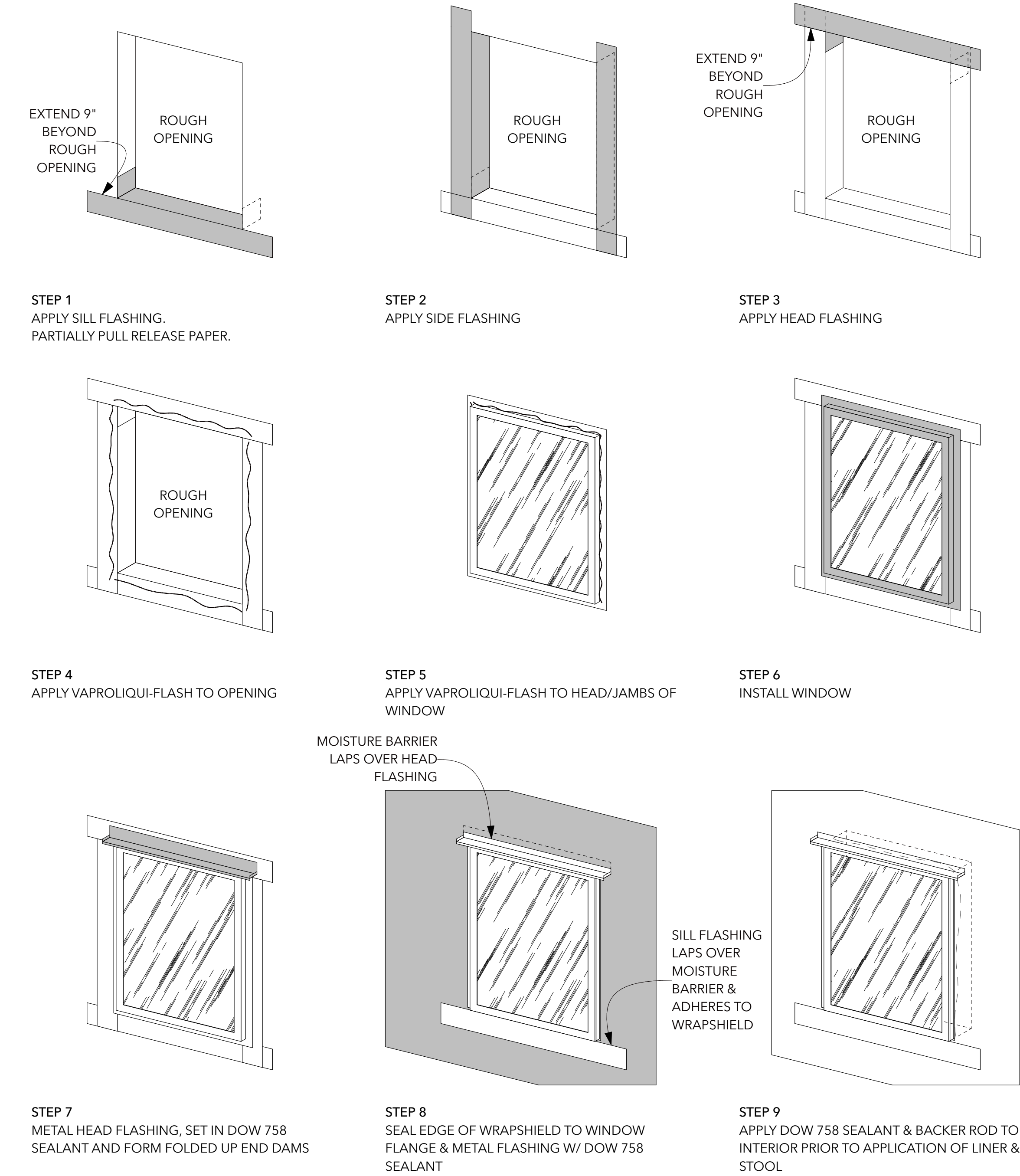
A13

TYPICAL DETAILS
PERMIT SET REV 03 01.05.23

RAVENSDALE
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RAVENSDALE WA 98051

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BUILDING DEPT STAMPS



WINDOW FLASHING ASSEMBLY

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LANE WILLIAMS ARCHITECTS
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SEATTLE, WA 98119
206-284-8355



A14

TYPICAL DETAILS
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RAVENSDALE
XXXX 310TH AVENUE SE
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS

1

BASEMENT


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


PROVIDE RECEPTACLES PER CODE IN ADDITION TO THOSE SHOWN IN PLAN:


SWITCHES, DIMMERS, RECEPTACLES, AND COMMUNICATION OUTLETS:
LUTRON MAESTRO SWITCHES + DIMMERS. PROVIDE MATCHING DEVICE, FRAME COVER, AND SCREWLESS COVER PLATE FOR ALL SWITCHES AND DIMMERS. PROVIDE COVER PLATE W/ SCREWS FOR ALL RECEPTACLES. COLOR TO BE SELECTED BY ARCHITECT WHEN INTERIOR PAINT COLORS ARE SELECTED. STANDARD WALL RECEPTACLES NOT SHOWN, PROVIDE PER UEC AND VERIFY LOCATIONS W/ ARCHITECT. POWER SUPPLY FOR APPLIANCES AND MECHANICAL EQUIPMENT NOT SHOWN, PROVIDE PER UEC AND ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.


HIGH EFFICACY LUMINARIES:
MINIMUM 75% OF ALL INTERIOR LUMINAIRES SHALL BE HIGH EFFICACY PER WSEC R404.1


RCP KEY


-  SMOKE DETECTOR


 COMBINED SMOKE & CARBON MONOXIDE DETECTOR


 EXHAUST FAN (SIZE PER PROJECT MANUAL)


 RECEPTACLE


 RECEPTACLE (SEE INTERIOR ELEVATIONS FOR DETAILS)


 **LEGRAND.** USB PLUGMOLD. BK20GB606TRUSB (VERIFY LENGTH PER PLANS)


 WATERPROOF RECEPTACLE


 FLOOR RECEPTACLE


 SINGLE SWITCH


 DIMMER SWITCH


 TIMER SWITCH

 REMOTE TRANSFORMER

 MOTION SWITCH

 **spOre.** TRUE DOORBELL. AMBER. TDB-A-A (VERIFY HT W/ OWNER)

 TECHPORT (VERIFY LOCATION W/ OWNER)

 TV OUTLET (VERIFY LOCATION W/ OWNER)

LIGHT LIST

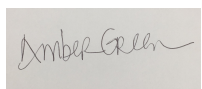
ID	MANUFACTURER	NAME	PRODUCT NUMBER	LAMP	LUMENS	TEMP
⊗ 1	JUNO	JUNO 2" LED ADJUSTABLE, GEN2	2LEDDRIVER GSC 10LM 120 FRPC 2LEDTRIM-G2-ADJ-27K-90CRI-FL-SN W/ 2NCMF	(1) JUNO 11W LED	1000 LM	2700K
⊙ 2	PABLO	CIELO	COLOR: SATIN ALUMINUM/ GRAY CORD	(1) 8W INTEGRATED LED	380 LM	3000K
⊗ 3	JUNO	JUNO 2" LED ROUND DOWNLIGHT, GEN2	2LEDDRIVER GSC 10LM 120 FRPC 2LEDTRIM-G2-DB-27K-90CRI-FL-SNSN W/ 2NCMF	(1) JUNO 11W LED	1000 LM	2700K
⊗ 4	WAC LIGHTING	PRECISION MULTIPLE SPOTS	MT-4LD216TL-WT MT4LD211NE-F-27-BK (HOUSING)	11.5W LED	765 LM	2700K
— 5	LITHONIA LIGHTING	(4') LED DRY STRIP LOCATION STRIP LIGHT	MNSL L46 1LL MVOLT GZN 40K 80CRI M6	(1) 25W LED	2300 LM	4000K
— 6	LITHONIA LIGHTING	(2') LED DRY STRIP LOCATION STRIP LIGHT	MNSL L23 1LL 120V GZN 40K 80CRI M6	(1) 25W LED	1150 LM	4000K
✱ 7	TBD	CEILING FAN W/ DIMMABLE LED LIGHT				
· 8	KELVIX	45 DG UNDERCABINET LED EXTRUSION (TRANSFORMER LOCATION ON PLAN)	006-I-(LENGTH PER PLAN)-PQ-3000-WH-CP-SV-ULV	(1) 4.5W/FT LED STRIP	508 LM / FT	2700K
▣ 9	WAC LIGHTING	WL-LED101 STEP AND WALL LIGHT	WL-LED101-120VAC-2700-90-WT	(1) 3.9W LED	68 LM	2700K
⊗ 10	PANASONIC	PANASONIC FAN/ LIGHT COMBO	FV-08-VRE2	(1) 18.5W LED		

Plans reviewed for compliance. Issuance of permit or plans, specifications, and computations shall not be construed to be a permit for, or an approval of any violation of any of the provisions of the International Building Codes, Washington State Code, King County Code, or any other ordinance of King County.

Approved plans and supplemental documentation shall be available on site in printed form at the correct scale as shown on the plans. Failure to have plans and supplemental documentation on site at time of inspection can result in automatic failure with re-inspection fee.

SAFEbuilt^{LLC}

WASHINGTON



Reviewed By: Amber Green

Date: 10/7/2021

Permit #: DWEL21-0051



LANE WILLIAMS ARCHITECTS
2420 8TH AVE W
SEATTLE, WA 98119
206-284-8355



A15

BASEMENT RCP
PERMIT SET REV 03 01.05.23

RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS

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

PROVIDE RECEPTACLES PER CODE IN ADDITION TO THOSE SHOWN IN PLAN:

SWITCHES, DIMMERS, RECEPTACLES, AND COMMUNICATION OUTLETS:
LUTRON MAESTRO SWITCHES + DIMMERS. PROVIDE MATCHING DEVICE, FRAME COVER, AND SCREWLESS COVER PLATE FOR ALL SWITCHES AND DIMMERS. PROVIDE COVER PLATE W/ SCREWS FOR ALL RECEPTACLES. COLOR TO BE SELECTED BY ARCHITECT WHEN INTERIOR PAINT COLORS ARE SELECTED. STANDARD WALL RECEPTACLES NOT SHOWN, PROVIDE PER UEC AND VERIFY LOCATIONS W/ ARCHITECT. POWER SUPPLY FOR APPLIANCES AND MECHANICAL EQUIPMENT NOT SHOWN, PROVIDE PER UEC AND ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

HIGH EFFICACY LUMINAIRES:
MINIMUM 75% OF ALL INTERIOR LUMINAIRES SHALL BE HIGH EFFICACY PER WSEC R404.1

RCP KEY

⊕	SMOKE DETECTOR	⏻	SINGLE SWITCH
⊕	COMBINED SMOKE & CARBON MONOXIDE DETECTOR	⏻	DIMMER SWITCH
⦿	EXHAUST FAN (SIZE PER PROJECT MANUAL)	⏻	TIMER SWITCH
⊕	RECEPTACLE	T	REMOTE TRANSFORMER
#⊕	RECEPTACLE (SEE INTERIOR ELEVATIONS FOR DETAILS)	M	MOTION SWITCH
xx⊕	LEGRAND. USB PLUGMOLD. BK20GB606TRUSB (VERIFY LENGTH PER PLANS)	DB	spOre. TRUE DOORBELL. AMBER. TDB-A-A (VERIFY HT W/ OWNER)
WP⊕	WATERPROOF RECEPTACLE	⏻	TECHPORT (VERIFY LOCATION W/ OWNER)
⏻	FLOOR RECEPTACLE	⏻	TV OUTLET (VERIFY LOCATION W/ OWNER)

LIGHT LIST

ID	MANUFACTURER	NAME	PRODUCT NUMBER	LAMP	LUMENS	TEMP
⊗ 1	JUNO	JUNO 2" LED ADJUSTABLE, GEN2	2LEDDRIVER GSC 10LM 120 FRPC 2LEDTRIM-G2-ADJ-27K-90CRI-FL-SN W/ 2NCMF	(1) JUNO 11W LED	1000 LM	2700K
⊙ 2	PABLO	CIELO	COLOR: SATIN ALUMINUM/ GRAY CORD	(1) 8W INTEGRATED LED	380 LM	3000K
⊗ 3	JUNO	JUNO 2" LED ROUND DOWNLIGHT, GEN2	2LEDDRIVER GSC 10LM 120 FRPC 2LEDTRIM-G2-DB-27K-90CRI-FL-SNSN W/ 2NCMF	(1) JUNO 11W LED	1000 LM	2700K
⊗ 4	WAC LIGHTING	PRECISION MULTIPLE SPOTS	MT-4LD216TL-WT MT4LD211NE-F-27-BK (HOUSING)	11.5W LED	765 LM	2700K
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✳ 7	TBD	CEILING FAN W/ DIMMABLE LED LIGHT				
· 8	KELVIX	45 DG UNDERCABINET LED EXTRUSION (TRANSFORMER LOCATION ON PLAN)	006-I-(LENGTH PER PLAN)-PQ-3000-WH-CP-SV-ULV	(1) 4.5W/FT LED STRIP	508 LM / FT	2700K
▢ 9	WAC LIGHTING	WL-LED101 STEP AND WALL LIGHT	WL-LED101-120VAC-2700-90-WT	(1) 3.9W LED	68 LM	2700K
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SAFEbuilt^{LLC}
WASHINGTON

Amber Green

Reviewed By: Amber Green
Date: 10/7/2021
Permit #: DWEL21-0051

A16

MAIN FLOOR RCP
PERMIT SET REV 03 01.05.23

RAVENSDALE
XXXX 310TH AVENUE SE.
RAVENSDALE WA 98051

(18371)

BUILDING DEPT STAMPS

LANE WILLIAMS ARCHITECTS
2420 8TH AVE W
SEATTLE, WA 98119
206-284-8355

4848
REGISTERED
K. LANE WILLIAMS
STATE OF WASHINGTON

LWA

GENERAL STRUCTURAL NOTES

(THE FOLLOWING APPLY UNLESS SHOWN OTHERWISE ON THE PLANS)

CRITERIA

ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS REFERENCED BY THE BUILDING CODE. IN CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

APPLICABLE CODES AND STANDARDS:

ACI 318-11	AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
ASCE 7-10	AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS.

DESIGN LOADING CRITERIA

LIVE LOADS:	
ROOF	38 PSF (SNOW)
FLOOR	40 PSF
SNOW LOAD:	45 PSF GROUND SNOW LOAD SNOW LOADS PER IBC SECTION 1608 AND ASCE 7-10
WIND LOAD:	BASIC WIND SPEED 110 MPH, EXPOSURE C, IMPORTANCE FACTOR 1.0 WIND LOADS PER IBC SECTION 1609 AND ASCE 7-10
WIND UPLIFT (ON ROOF):	10 PSF
SEISMIC LOADS:	EQUIVALENT LATERAL FORCE METHOD PER ASCE 7-10 SEISMIC DESIGN CATEGORY D, SITE CLASS D

LATERAL LOADS ARE TRANSFERRED BY THE ROOF AND FLOOR DIAPHRAGMS TO THE SHEAR WALLS. FORCES BASED ON THE TRIBUTARY AREA FOR EACH SHEAR WALL ARE CARRIED BY THE SHEAR WALLS TO THE FOUNDATION.

CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SITE SAFETY AND THE METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES REQUIRED TO PERFORM THE WORK. CONTRACTOR SHALL DETERMINE AND PROVIDE TEMPORARY BRACING FOR SAFETY AND STABILITY OF THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS.

GEOTECHNICAL

FOUNDATION NOTES: ALLOWABLE SOIL PRESSURE AND LATERAL EARTH PRESSURE ARE ASSUMED AND THEREFORE SHOULD BE VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER. IF SOILS ARE FOUND TO BE OTHER THAN ASSUMED, NOTIFY THE STRUCTURAL ENGINEER FOR POSSIBLE FOUNDATION REDESIGN. FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH (CONTROLLED, COMPACTED STRUCTURAL FILL OR BOTH) AT LEAST 18" BELOW LOWEST ADJACENT FINISHED GRADE. UNLESS NOTED OTHERWISE, FOOTINGS SHALL BE CENTERED BELOW COLUMNS OR WALLS ABOVE.

BACKFILL BEHIND RETAINING WALLS WITH FREE DRAINING GRANULAR FILL AND PROVIDE FOR SUBSURFACE DRAINAGE AS NOTED IN THE GEOTECHNICAL REPORT.

ALLOWABLE SOIL PRESSURE	2000 PSF
LATERAL EARTH PRESSURE (RESTRAINED/UNRESTRAINED)	55 PCF/35 PCF
PASSIVE EARTH PRESSURE	200 PCF
COEFFICIENT OF FRICTION	0.30

CONCRETE

CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH ACI 318. CONCRETE SHALL ATTAIN A 28-DAY STRENGTH OF f'c=2500 PSI AND MIX SHALL CONTAIN NOT LESS THAN 5-1/2 SACKS OF CEMENT PER CUBIC YARD AND SHALL BE PROPORTIONED TO PRODUCE A SLUMP OF 5" OR LESS.

CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C 260, AIR-ENTRAINING ADMIXTURES FOR CONCRETE. TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH IBC SECTION 1904.

REINFORCING STEEL SHALL BE NEW BILLET STOCK ASTM A 615, GRADE 60, fy=60,000 PSI (GRADE 40, fy=40,000 PSI IS ACCEPTABLE FOR #4 AND #5 BARS). BARS SHALL BE SECURELY TIED IN PLACE WITH #16 DOUBLE-ANNEALED IRON WIRE. BARS SHALL BE SUPPORTED ON ACCEPTABLE CHAIRS.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185.

REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH ACI 318. PROVIDE (2) #5 BARS AROUND ALL WINDOW AND DOOR OPENINGS. THESE BARS SHALL EXTEND 2'-0" MINIMUM BEYOND THE EDGE OF THE OPENINGS. LAP ALL CONTINUOUS REINFORCEMENT 30 BAR DIAMETERS OR 2'-0" MINIMUM. PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. LAP CORNER BARS 30 BAR DIAMETERS OR 2'-0" MINIMUM. LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.

NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER.

ANCHOR BOLTS AND HOLDDOWNS SHALL BE SECURED IN PLACE PRIOR TO THE CONCRETE POUR. "WET SETTING" OR "WET STICKING" DURING OR AFTER THE CONCRETE POUR IS NOT ACCEPTABLE.

CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES, EARTH FACE	3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	2"
(#6 BARS OR LARGER)	1-1/2"
(#5 BARS OR SMALLER)	3/4"
SLABS AND WALLS (INTERIOR FACE)	

EPOXY-GROUT SHALL BE SIMPSON SET-XP ADHESIVE OR APPROVED EQUAL. DRILLED AND GROUTED REINFORCING BARS OR BOLTS SHALL BE EPOXY GROUTED UNLESS OTHERWISE NOTED. EPOXY SHALL BE MIXED, APPLIED AND CURED IN STRICT ACCORDANCE WITH ICC-ES REPORT ESR-2508. PLACEMENT AND CURING SHALL BE CONDUCTED WITH CONCRETE AND AIR TEMPERATURES ABOVE 50 DEGREES. APPLY EPOXY ONLY TO CLEAN, DRY CONCRETE. HOLE SIZE SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. PROVIDE POSITIVE PROTECTION SO DOWELS ARE NOT DISTURBED DURING THE CURING PERIOD. NO REINFORCEMENT SHALL BE CUT TO INSTALL DOWELS.

GROUTING REINFORCING BARS AND BOLTS INTO EXISTING CONCRETE SHALL BE ACCOMPLISHED BY DRILLING HOLES INTO EXISTING CONCRETE. HOLES MAY BE CUT BY EITHER ROTARY PERCUSSION DRILLING FOLLOWED BY AIR BLOWOUT WITH OIL-FREE COMPRESSED AIR OR DIAMOND CORE BORING FOLLOWED BY WATER FLUSH. THE CONTRACTOR SHALL CHIP AWAY A SUFFICIENT QUANTITY OF CONCRETE COVER OVER EXISTING REINFORCING TO ASSURE HOLE LOCATIONS CLEAR EXISTING REINFORCING.

EXPANSION BOLTS SHALL BE ICC APPROVED AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS. BOLT SPACING AND EMBEDMENTS SHALL BE AS DESIGNATED ON THE DRAWINGS. WHERE THE REQUIRED EMBEDMENT IS OMITTED, THE BOLT SHALL HAVE SUFFICIENT LENGTH TO PROVIDE AT LEAST THE EMBEDMENT SHOWN IN THE FOLLOWING SCHEDULE. UNLESS OTHERWISE SPECIFIED, BOLTS SHALL BE CARBON STEEL AND MAY BE INSTALLED WITHOUT SPECIAL INSPECTION.

EXPANSION BOLTS IN CONCRETE SHALL BE HILTI KWIK BOLT TZ EXPANSION ANCHORS PER ICC-ES REPORT ESR-1917 OR A PREAPPROVED EQUAL, UNLESS NOTED OTHERWISE.

MINIMUM EMBEDMENT IN CONCRETE (UNO)

BOLT SIZE	MIN. EMBEDMENT
1/2"	3"
5/8"	4"
3/4"	5"

MECHANICAL AND ADHESIVE ANCHORS SHALL NOT BE INSTALLED IN CONCRETE LESS THAN SEVEN DAYS OLD.

WOOD

SAWN LUMBER SHALL BE KILN-DRIED OR MC-15, AND GRADED AND MARKED IN CONFORMANCE WITH WCLUB STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 17, LATEST EDITION. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

WALL STUDS AND PLATES	HF OR DF-LARCH	NO. 2
JOISTS AND RAFTERS	HF OR DF-LARCH	NO. 2
BEAMS AND STRINGERS	DF-LARCH NO. 1	Fb = 1300 PSI
POSTS AND TIMBERS	DF-LARCH NO. 1	Fb = 1200 PSI Fc = 1000 PSI
BOLTED STUDS, LEDGERS, MISC.	HF OR DF-LARCH	NO. 2

GLUED-LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH ANSI/AITC A190.1-07, ASTM D-3737-03, AITC 117-04 AND AITC 119-96. EACH MEMBER SHALL BEAR AN A.I.T.C. IDENTIFICATION MARK AND SHALL BE ACCOMPANIED BY A.I.T.C. CERTIFICATE OF CONFORMANCE. SIMPLE SPAN BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V4, Fb=2400 PSI, Fv=165 PSI. CANTILEVERED AND MULTI-SPAN BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V8, Fb=2400 PSI, Fv=165 PSI. CAMBER ALL GLULAM BEAMS TO 3500 FOOT RADIUS, UNLESS SHOWN OTHERWISE ON THE PLANS.

LAMINATED VENEER LUMBER (LVL) SHALL BE MANUFACTURED IN A PLANT UNDER A PROCESS APPROVED BY THE NATIONAL RESEARCH BOARD. EACH PIECE SHALL BEAR A STAMP OR STAMPS NOTING THE NAME AND PLANT NUMBER OF THE MANUFACTURER, THE GRADE, THE NATIONAL RESEARCH BOARD NUMBER, AND THE QUALITY CONTROL AGENCY. Fb=2600 PSI, E=1.9x10⁶ PSI, Fv=285 PSI.

DESIGN SHOWN ON PLANS IS BASED ON MICROLAM LVL PRODUCTS MANUFACTURED BY WEYERHAEUSER. ALTERNATE MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.

PARALLEL STRAND LUMBER (PSL) SHALL BE MANUFACTURED IN A PLANT UNDER A PROCESS APPROVED BY THE NATIONAL RESEARCH BOARD. EACH PIECE SHALL BEAR A STAMP OR STAMPS NOTING THE NAME AND PLANT NUMBER OF THE MANUFACTURER, THE GRADE, THE NATIONAL RESEARCH BOARD NUMBER, AND THE QUALITY CONTROL AGENCY. Fb=2900 PSI, E=2.0x10⁶ PSI, Fv=290 PSI.

DESIGN SHOWN ON PLANS IS BASED ON PARALLAM PSL PRODUCTS MANUFACTURED BY WEYERHAEUSER. ALTERNATE MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.

PREFABRICATED PLYWOOD WEB JOISTS SHALL BE DESIGNED BY THE MANUFACTURER FOR THE SPANS AND CONDITIONS SHOWN ON THE PLANS AND SHALL BE FURNISHED AND INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S PUBLISHED SPECIFICATIONS. BRIDGING, BLOCKING, BLOCKING PANELS, STIFFENERS, ETC., SHALL BE DETERMINED, DETAILED AND FURNISHED BY THE MANUFACTURER. PERMANENT AND TEMPORARY BRIDGING SHALL BE INSTALLED IN CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS.

DESIGN SHOWN ON PLANS IS BASED ON TRUS-JOIST PRODUCTS MANUFACTURED BY WEYERHAEUSER. ALTERNATE PLYWOOD WEB JOIST MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.

PREFABRICATED METAL PLATE CONNECTED WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE "NATIONAL DESIGN STANDARDS FOR METAL-PLATE CONNECTED WOOD TRUSS CONSTRUCTION", TPI 1-2007. FOR THE SPANS AND CONDITIONS SHOWN ON THE PLANS. LOADING SHALL BE AS FOLLOWS:

TOP CHORD LIVE LOAD	25 PSF
TOP CHORD DEAD LOAD	10 PSF
BOTTOM CHORD DEAD LOAD	5 PSF
TOTAL LOAD	40 PSF
WIND UPLIFT (TOP CHORD)	10 PSF

WOOD TRUSSES SHALL UTILIZE APPROVED CONNECTOR PLATES (GANGNAIL OR EQUAL). SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION. SUBMITTED DOCUMENTS SHALL BEAR THE STAMP AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER, STATE OF WASHINGTON. PROVIDE FOR SHAPES, BEARING POINTS, INTERSECTIONS, HIPS, VALLEYS, ETC., SHOWN ON THE DRAWINGS. EXACT COMPOSITION OF SPECIAL HIP, VALLEY, AND INTERSECTION AREAS (USE OF GIRDER TRUSSES, JACK TRUSSES, STEP-DOWN TRUSSES, ETC.) SHALL BE DETERMINED BY THE MANUFACTURER UNLESS SPECIFICALLY INDICATED ON THE PLANS. PROVIDE TRUSS TO TRUSS AND TRUSS TO GIRDER TRUSS CONNECTION DETAILS AND REQUIRED CONNECTION MATERIALS. PROVIDE FOR TEMPORARY AND PERMANENT TRUSS BRACING AND BRIDGING.

PLYWOOD SHEATHING SHALL BE GRADE C-D, EXTERIOR GLUE OR STRUCTURAL II, EXTERIOR GLUE IN CONFORMANCE WITH APA PDS-04. PROTECT SHEATHING FROM WATER DAMAGE WHILE STORED AT JOB SITE. REFER TO WOOD FRAMING NOTES FOR TYPICAL NAILING. UNLESS NOTED OTHERWISE ON DRAWINGS, TYPICAL PLYWOOD SHEATHING SHALL BE AS FOLLOWS:

ROOF SHEATHING SHALL BE 5/8" WITH SPAN RATING 24/0.
FLOOR SHEATHING SHALL BE 3/4" WITH SPAN RATING 32/16.
WALL SHEATHING SHALL BE 1/2" WITH SPAN RATING 24/0.

ALL WOOD PLATES IN DIRECT CONTACT WITH CONCRETE SHALL BE PRESSURE-TREATED WITH AN APPROVED PRESERVATIVE. PROVIDE TWO LAYERS OF ASPHALT IMPREGNATED BUILDING PAPER BETWEEN UNTREATED LEDGERS, BLOCKING, ETC., AND CONCRETE.

WOOD CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE "STRONG-TIE" BY SIMPSON COMPANY, AS SPECIFIED IN THEIR CATALOG NO. C-C-2017, (OR LATEST EDITION). EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICC APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. INSTALL CONNECTORS ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. UNLESS NOTED OTHERWISE ON PLANS, USE TYPE LU OR HU HANGERS.

CONNECTION HARDWARE AND FASTENERS TO PRESSURE TREATED (P.T.) WOOD SHALL BE EITHER: A) SIMPSON ZMAX COATED WITH HOT-DIP GALVANIZED FASTENERS, OR B) STAINLESS STEEL WITH STAINLESS STEEL FASTENERS.

ALL WOOD FRAMING DETAILS NOT SHOWN OTHERWISE SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE IBC. MINIMUM NAILING, UNLESS OTHERWISE NOTED, SHALL CONFORM TO TABLE 2304.9.1 OF THE IBC. UNLESS NOTED OTHERWISE, NAILS SHALL BE COMMON. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD.

WALL FRAMING - STUDS SHOWN SHALL BE 2x4 STUDS @ 16" O.C. AT INTERIOR WALLS AND 2x6 @ 16" O.C. AT EXTERIOR WALLS. TWO STUDS MINIMUM SHALL BE PROVIDED AT THE END OF ALL WALLS AND AT EACH SIDE OF ALL OPENINGS. SOLID BLOCKING FOR WOOD COLUMNS SHALL BE PROVIDED THROUGH FLOORS TO SUPPORTS BELOW. PROVIDE CONTINUOUS SOLID BLOCKING AT MID-HEIGHT OF ALL STUD WALLS OVER 8'-0" IN HEIGHT. STUD WALLS SHALL HAVE THEIR LOWER WOOD PLATES ATTACHED TO WOOD FRAMING BELOW WITH 16d NAILS AT 16" O.C. STAGGERED OR BOLTED TO CONCRETE WITH 5/8" DIAMETER ANCHOR BOLTS @ 6'-0" O.C. UNLESS INDICATED OTHERWISE. INDIVIDUAL MEMBERS OF BUILT-UP POSTS SHALL BE NAILED TO EACH OTHER WITH 10d @ 6" O.C. STAGGERED. REFER TO THE PLANS AND SHEAR WALL SCHEDULE FOR REQUIRED SHEATHING AND NAILING.

FLOOR AND ROOF FRAMING: PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS THAT EXTEND OVER MORE THAN HALF THE JOIST LENGTH AND AROUND ALL OPENINGS IN FLOORS OR ROOFS. PROVIDE BRIDGING AT 8'-0" O.C. AND SOLID BLOCKING AT ALL BEARING POINTS.

TOENAIL JOISTS TO SUPPORTS WITH TWO 16d NAILS. ATTACH TIMBER JOISTS TO FLUSH HEADERS OR BEAMS WITH SIMPSON METAL JOIST HANGERS IN ACCORDANCE WITH NOTES ABOVE. NAIL ALL MULTI-JOIST BEAMS TOGETHER WITH 16d @ 12" O.C. STAGGERED.

LAY PLYWOOD ROOF AND FLOOR SHEATHING WITH GRAIN PERPENDICULAR TO SUPPORTS AND NAILED WITH 10d NAILS @ 6" O.C. TO FRAMED PANEL EDGES AND OVER STUD WALLS AS SHOWN ON PLANS AND AT 12" O.C. TO INTERMEDIATE SUPPORTS. PROVIDE APPROVED PLYWOOD EDGE CLIPS CENTERED BETWEEN JOIST/TRUSSES AT UNBLOCKED ROOF SHEATHING EDGES. FLOOR SHEATHING EDGES SHALL HAVE APPROVED TONGUE-AND-GROOVE JOINTS OR SHALL BE SUPPORTED WITH SOLID BLOCKING. GLUE SHEATHING TO FRAMING AT PANEL EDGES AND INTERMEDIATE SUPPORTS. TOENAIL BLOCKING TO SUPPORTS WITH 16d @ 12" O.C. AT BLOCKED FLOOR AND ROOF DIAPHRAGMS. PROVIDE FLAT 2x BLOCKING AT ALL UNFRAMED PANEL EDGES AND NAIL WITH EDGE NAILING SPECIFIED.

PROVIDE HURRICANE TIES AT ROOF OVERHANGS AS SHOWN ON DRAWINGS. IF NOT INDICATED OTHERWISE, PROVIDE SIMPSON H1 OR H3 TIES AT 48" O.C. BETWEEN TRUSSES OR JOISTS AND WALL TOP PLATE.

STEEL

STEEL REFERENCE SPECIFICATIONS:

STRUCTURAL STEEL	AISC 360-10 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, JUNE 22, 2010 EDITION
HIGH STRENGTH BOLTS	AISC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS, DECEMBER 31, 2009 EDITION
WELDING	AMERICAN WELDING SOCIETY (AWS) D1.1/D1.1M-2010 STRUCTURAL WELDING CODE - STEEL AWS PREQUALIFIED JOINT DETAILS
WELDER CERTIFICATION	AMERICAN WELDING SOCIETY (AWS) WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO)

STRUCTURAL STEEL MATERIALS:

STRUCTURAL STEEL, UNO	ASTM A992, GRADE 50, Fy = 50 KSI
CONNECTION MATERIAL, EMBEDDED ITEMS, BASE PLATES, AND MISC. STEEL	ASTM A36, Fy = 36 KSI
HOLLOW STRUCTURAL SECTIONS	ASTM A500, GRADE C, Fy = 50 KSI
STRUCTURAL BOLTS	ASTM A-325
ANCHOR BOLTS	ASTM A-307
WOOD CONNECTION BOLTS	ASTM A-307
THREADED RODS	ASTM A-36
WELDING ELECTRODES	E70XX

STRUCTURAL STEEL: STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF IBC CHAPTER 22.

WELDING: WELDING SHALL BE IN CONFORMANCE WITH AISC AND AWS STANDARDS AND SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS, WHO ARE QUALIFIED FOR THE WELD TYPE THEY PERFORM, USING E70XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDS SHOWN ON THE DRAWINGS ARE THE MINIMUM SIZE. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON PLATE THICKNESS. MINIMUM WELDING SHALL BE 3/16 INCH. SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS. ALL FIELD WELDING REQUIRES SPECIAL INSPECTION BY A QUALIFIED SPECIAL INSPECTOR.

SHOP DRAWINGS: SUBMIT STEEL SHOP DRAWINGS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION.

ABBREVIATIONS

AB	ANCHOR BOLT	LVL	LAMINATED VENEER LUMBER
ARCH	ARCHITECT, ARCHITECTURAL	MAX	MAXIMUM
B/	BOTTOM OF	PSL	PARALLEL STRAND LUMBER
CONT	CONTINUOUS	PT	PRESSURE TREATED
EF	EACH FACE	SIM	SIMILAR
EXIST	EXISTING	SOG	SLAB ON GRADE
EW	EACH WAY	T/	TOP OF
FTG	FOOTING	TYP	TYPICAL
GL	GLULAM	UNO	UNLESS NOTED OTHERWISE
HORIZ	HORIZONTAL, HORIZONTALLY	VERT	VERTICAL, VERTICALLY
HSS	HOLLOW STRUCTURAL SECTION	WWF	WELDED WIRE FABRIC

LEGEND:

☒	POST BELOW
☒	POST STARTING AT OR CONTINUING THROUGH THIS LEVEL
▬	BEARING WALL STARTING AT OR CONTINUING THROUGH THIS LEVEL
↔	BEARING WALL BELOW
▬	SHEAR WALL STARTING AT OR CONTINUING THROUGH THIS LEVEL
↔	INDICATES FRAMING DIRECTION
▬	SHEATHING
☒	SOLID WOOD, CONTINUOUS
☒	SOLID WOOD, DISCONTINUOUS (I.E. "BLOCKING")

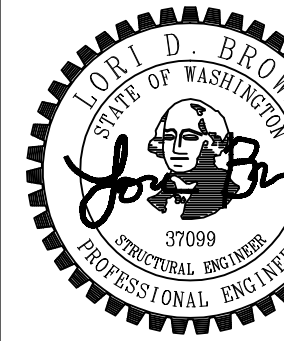
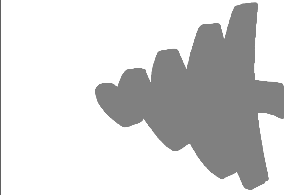
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EVERGREEN DESIGN COMPANY
LORI D. BROWN, P.E., S.E.
STRUCTURAL ENGINEER
1044 WHIDDEY WAY
COVANO ISLAND, WA 98002
PHONE 360.367.8460

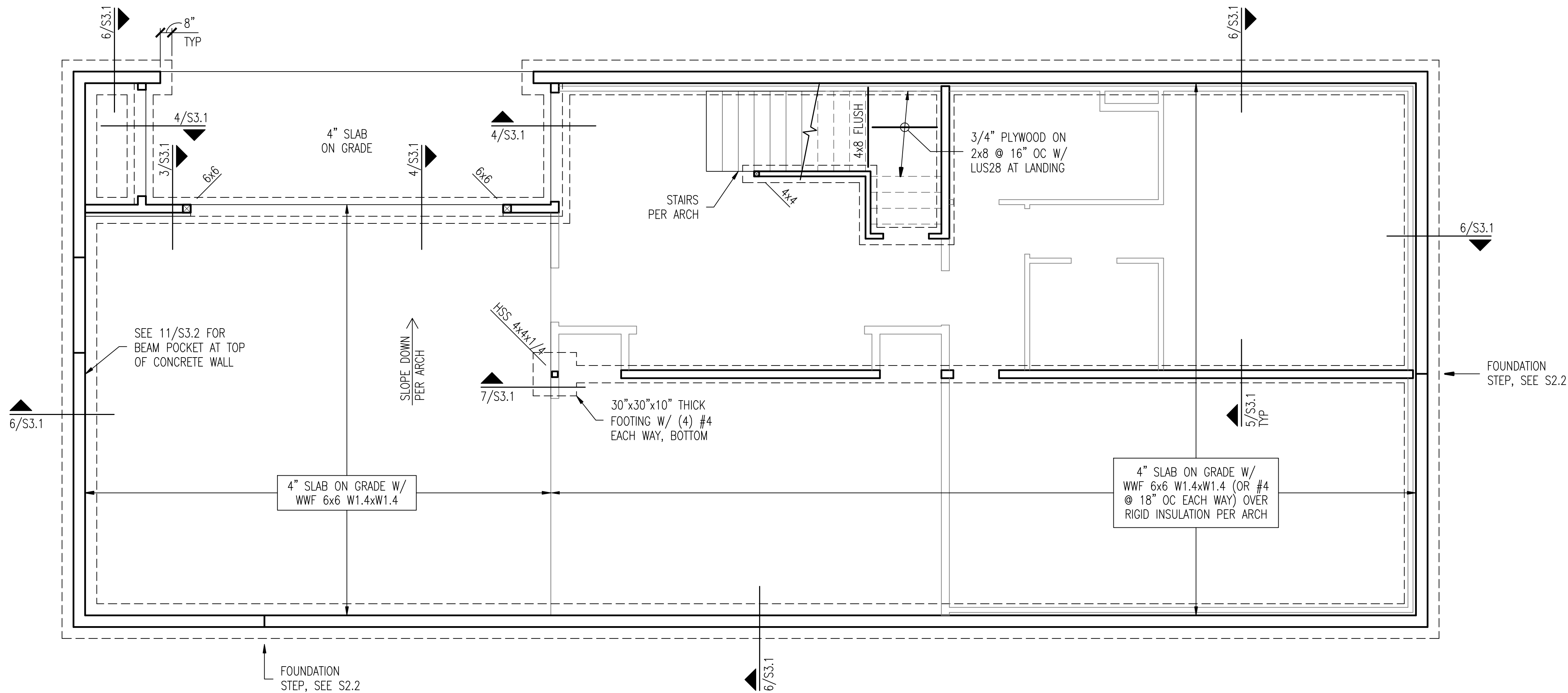


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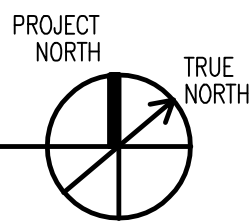
10.21.19	PERMIT SET
DATE	NOTE

S1.0



FOUNDATION/BASEMENT PLAN

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

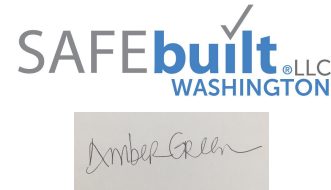


PLAN NOTES:

- SEE STRUCTURAL NOTES FOR TYPICAL INFORMATION. SEE ARCHITECTURAL FOR INFORMATION NOT SHOWN.
- BOTTOM OF ALL FOOTINGS SHALL BE 18" MINIMUM BELOW FINISHED GRADE. FOOTINGS MAY BE STEPPED PER 2/S3.1 AT CONTRACTOR'S OPTION.
- INSTALL SLAB ON GRADE OVER 6" MINIMUM OF FREE DRAINING SAND AND GRAVEL. SEE 1/S3.1 FOR ADDITIONAL INFORMATION. COORDINATE SAW CUT LOCATIONS WITH ARCHITECT.
- CONNECTION HARDWARE TO PRESSURE TREATED (P.T.) WOOD SHALL BE EITHER A) SIMPSON ZMAX COATED WITH HOT-DIP GALVANIZED FASTENERS, OR B) STAINLESS STEEL WITH STAINLESS STEEL FASTENERS.
- EXTERIOR SLAB ON GRADE SHALL HAVE A DOWN-TURNED EDGE 12" THICK BY 6" WIDE WITH (2) #4 CONTINUOUS TOP AND BOTTOM AT EDGES.

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Permit #: DWEL21-0051

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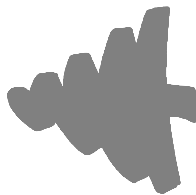
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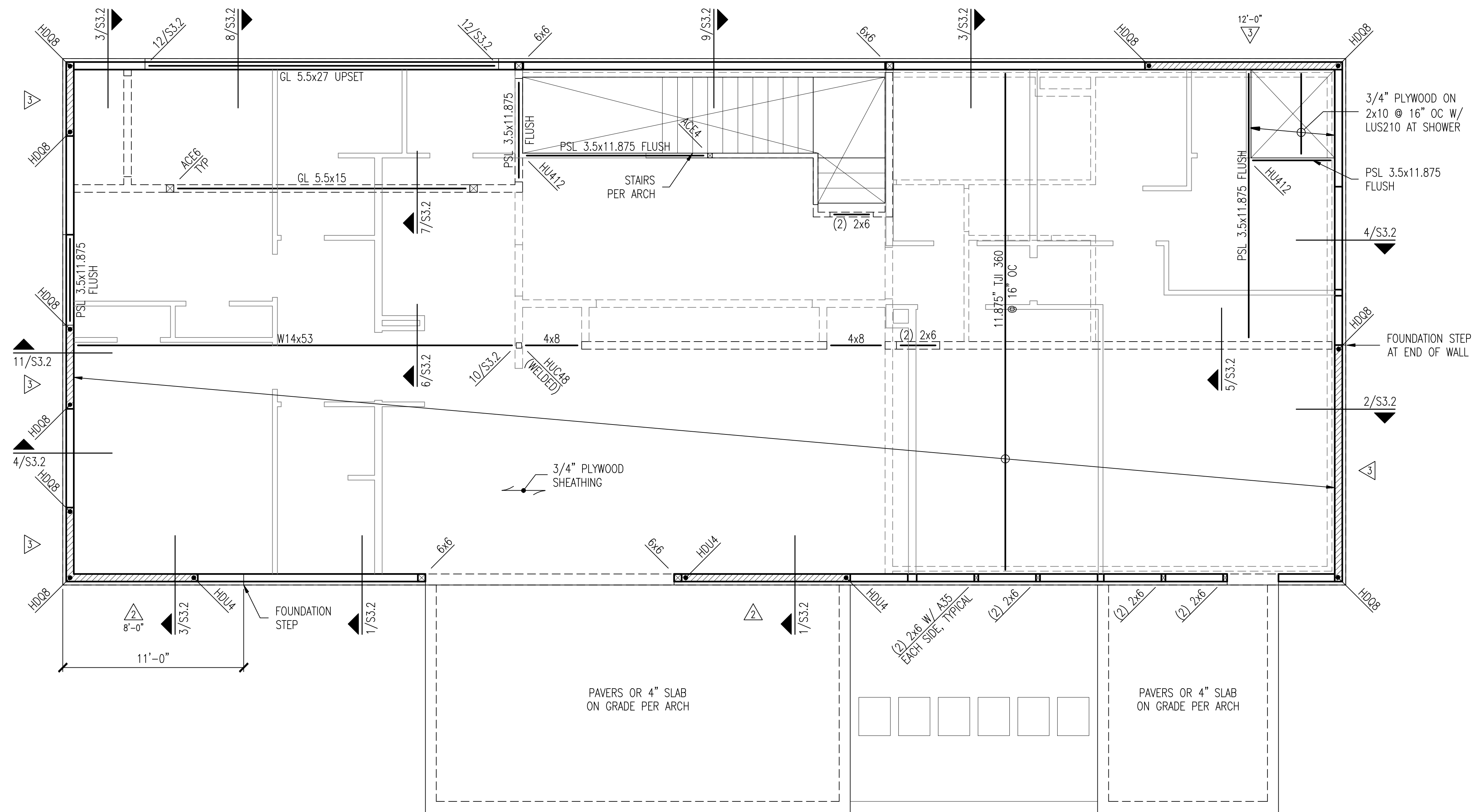
FOUNDATION/BASEMENT PLAN

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S2.1




EVERGREEN DESIGN COMPANY
LORI D. BROWN, P.E., S.E.
STRUCTURAL ENGINEER
1044 WYNDHAM WAY
COVANO ISLAND, WA 98062
PHONE 360.387.8460

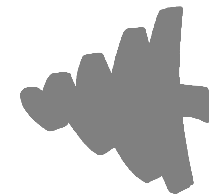
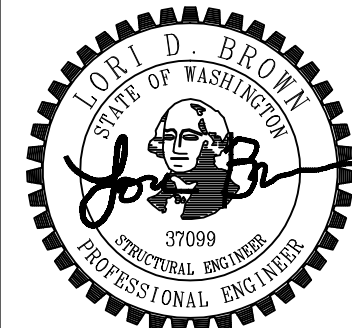
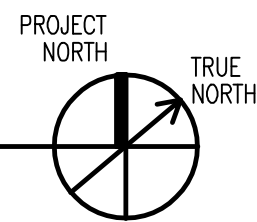


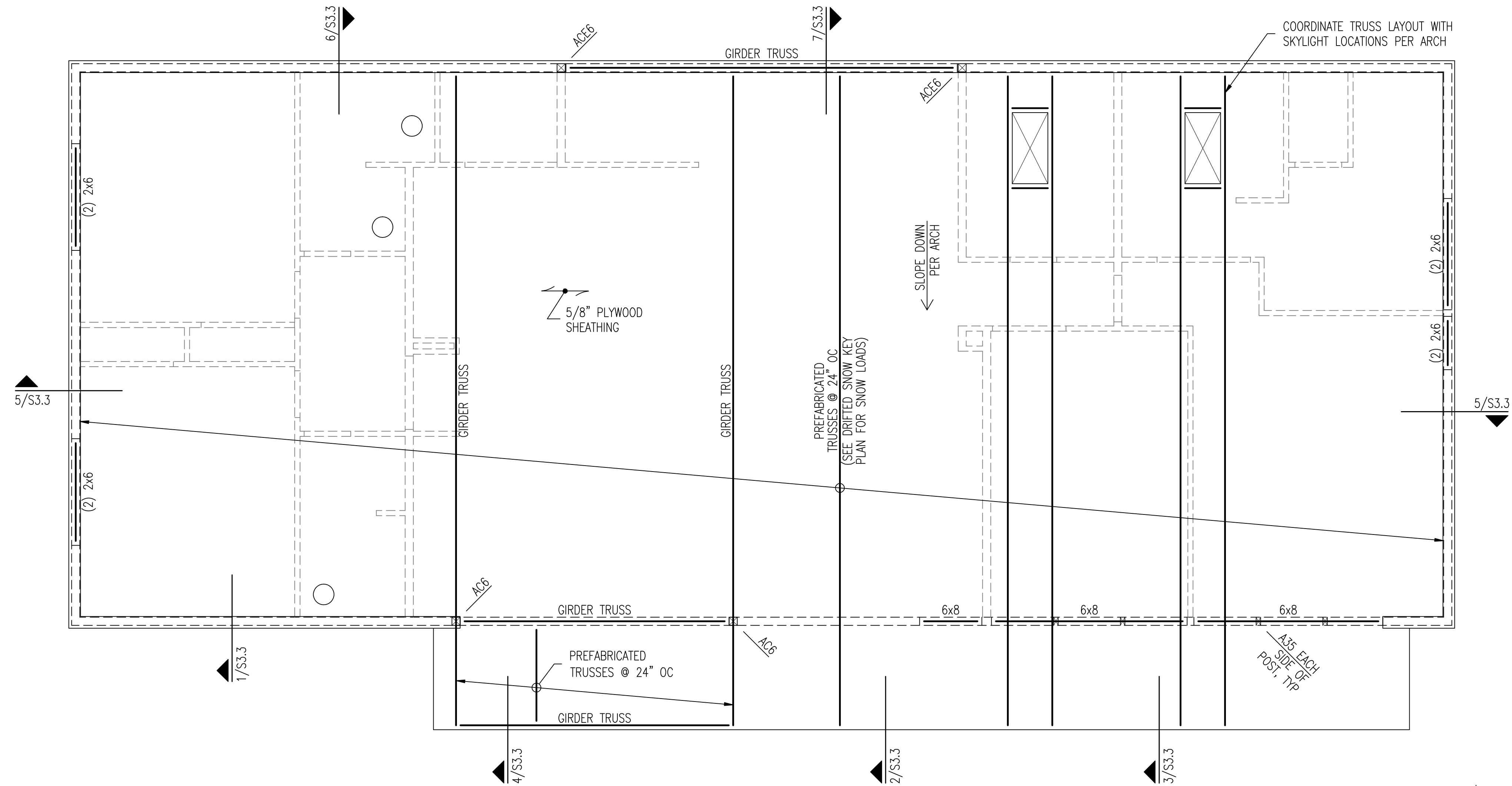
FIRST FLOOR FRAMING PLAN

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

PLAN NOTES:

1. SEE STRUCTURAL NOTES FOR TYPICAL INFORMATION. SEE ARCHITECTURAL FOR INFORMATION NOT SHOWN.
2.  INDICATES SHEAR WALL TYPE, SEE SCHEDULE ON 7/S3.0.
3. "Hdu" INDICATES SIMPSON HOLDOWN TYPE, SEE SCHEDULE ON 8/S3.0.
4. CONNECTION HARDWARE TO PRESSURE TREATED (P.T.) WOOD SHALL BE EITHER A) SIMPSON ZMAX COATED WITH HOT-DIP GALVANIZED FASTENERS, OR B) STAINLESS STEEL WITH STAINLESS STEEL FASTENERS.
5. ALL TJI'S ARE TJI 360 SERIES BY TRUS JOIST, UNO.
6. EXTERIOR SLAB ON GRADE SHALL HAVE A DOWN-TURNED EDGE 12" THICK BY 6" WIDE WITH (2) #4 CONTINUOUS TOP AND BOTTOM AT EDGES.



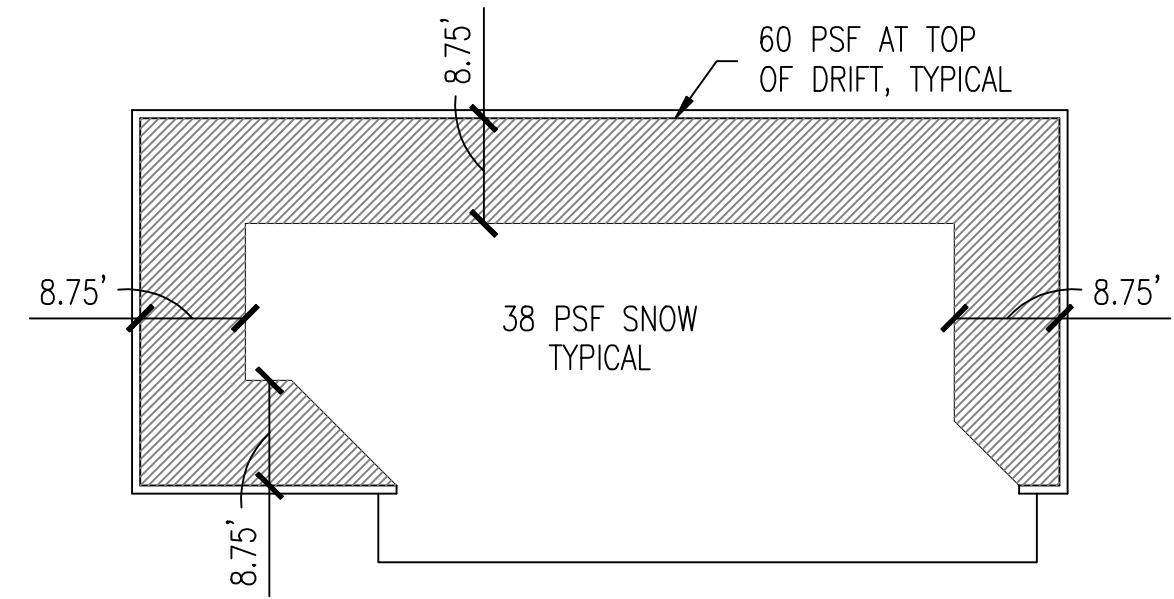
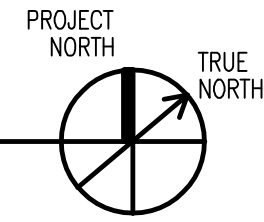


ROOF FRAMING PLAN

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

PLAN NOTES:

1. SEE STRUCTURAL NOTES FOR TYPICAL INFORMATION. SEE ARCHITECTURAL FOR INFORMATION NOT SHOWN.
2. ALLOW FOR TRUSS DEFLECTION AT NON-BEARING WALLS WITH SIMPSON STC ROOF TRUSS CLIPS.
3. SUBMIT PREFABRICATED TRUSS SHOP DRAWINGS AND DESIGN CALCULATIONS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION. SEE STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.



DRIFTED SNOW KEY PLAN

NO SCALE

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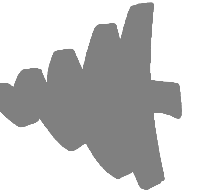
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LORI D. BROWN, P.E., S.E.
STRUCTURAL ENGINEER
1044 WYNDHAM WAY
CAMANO ISLAND, WA 98282
PHONE 360.387.8480

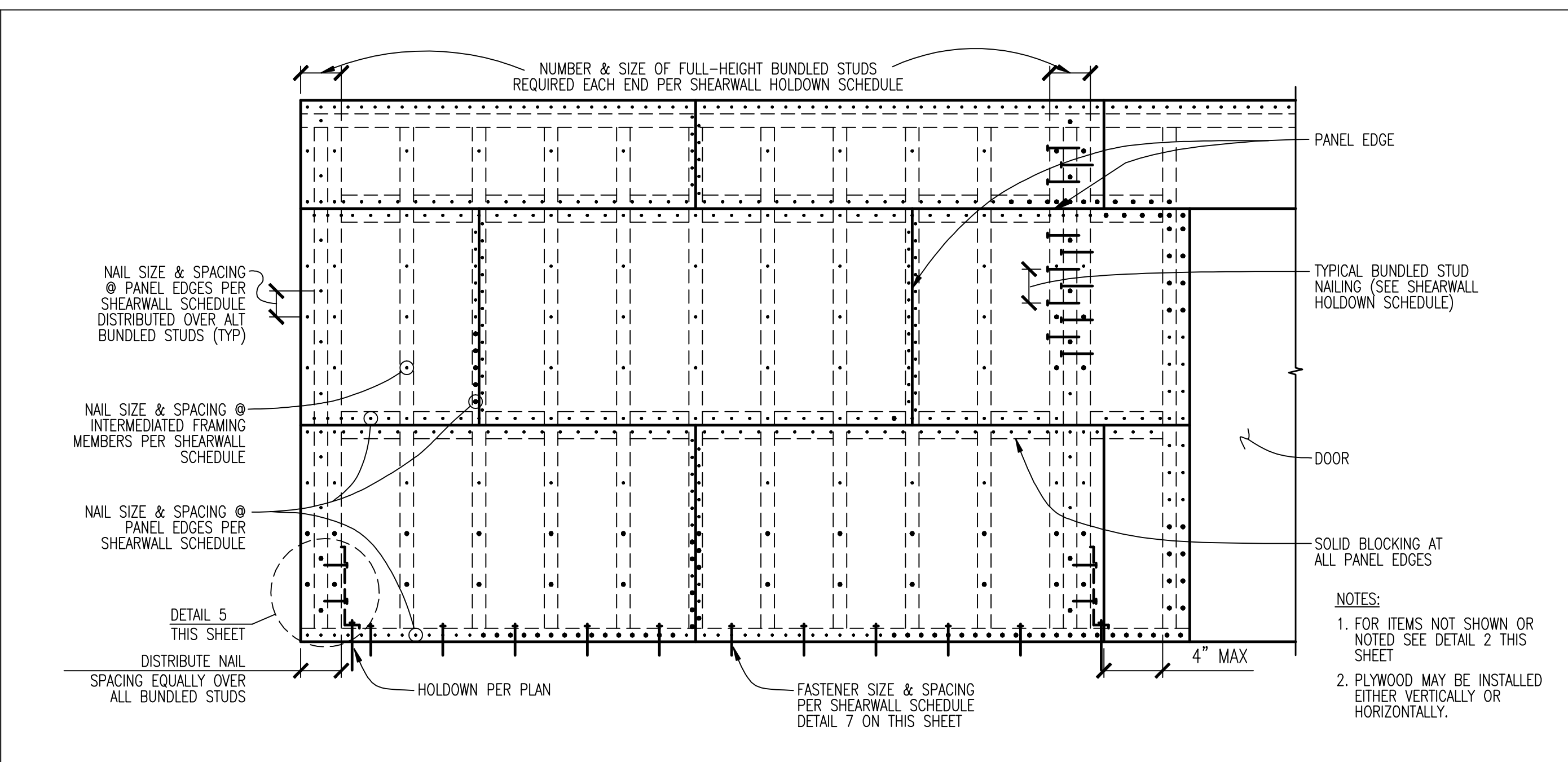


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ROOF FRAMING PLAN

10/21/19 PERMIT SET
DATE NOTE

S2.3



NO SCALE	4
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NOTES:

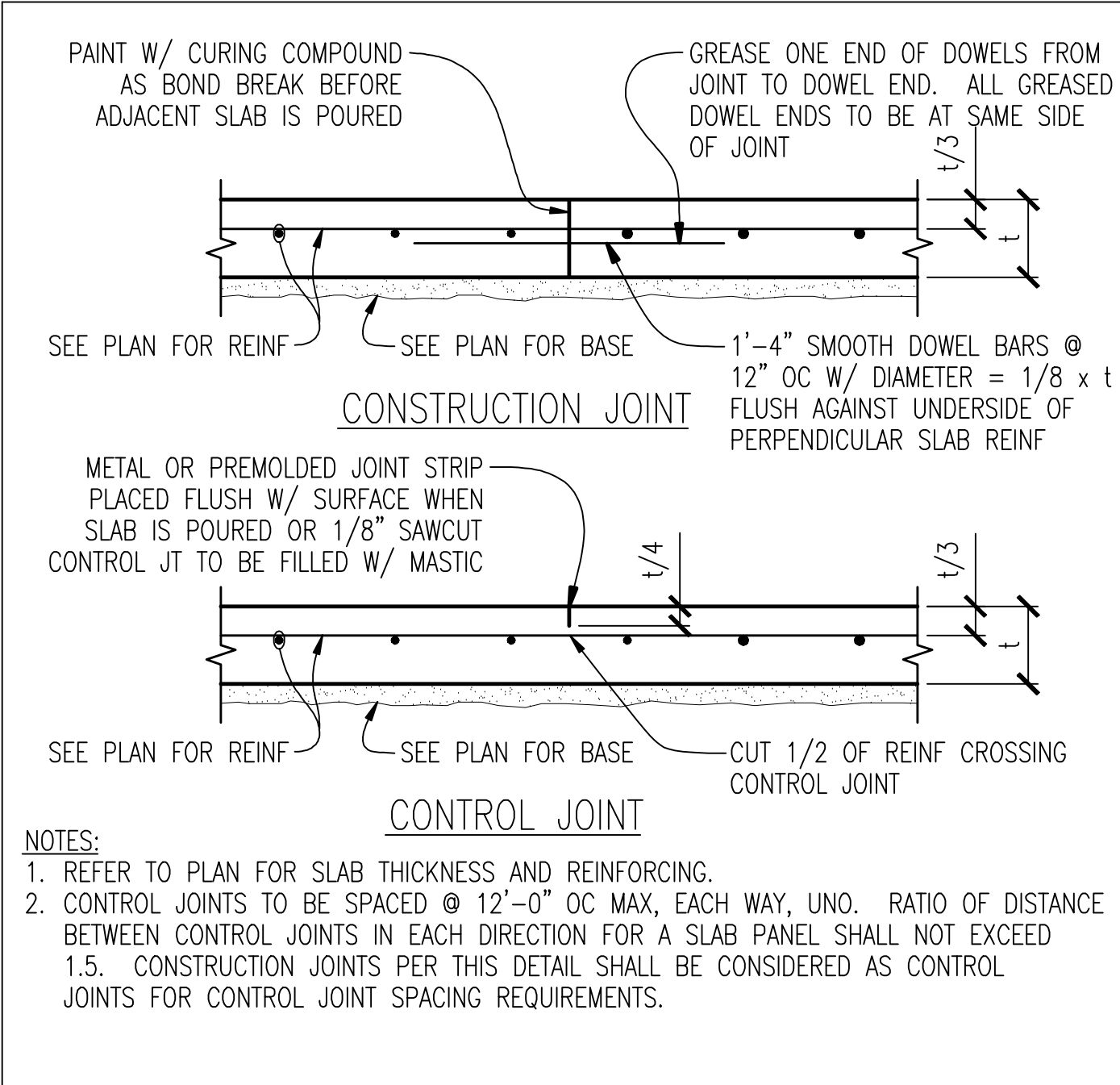
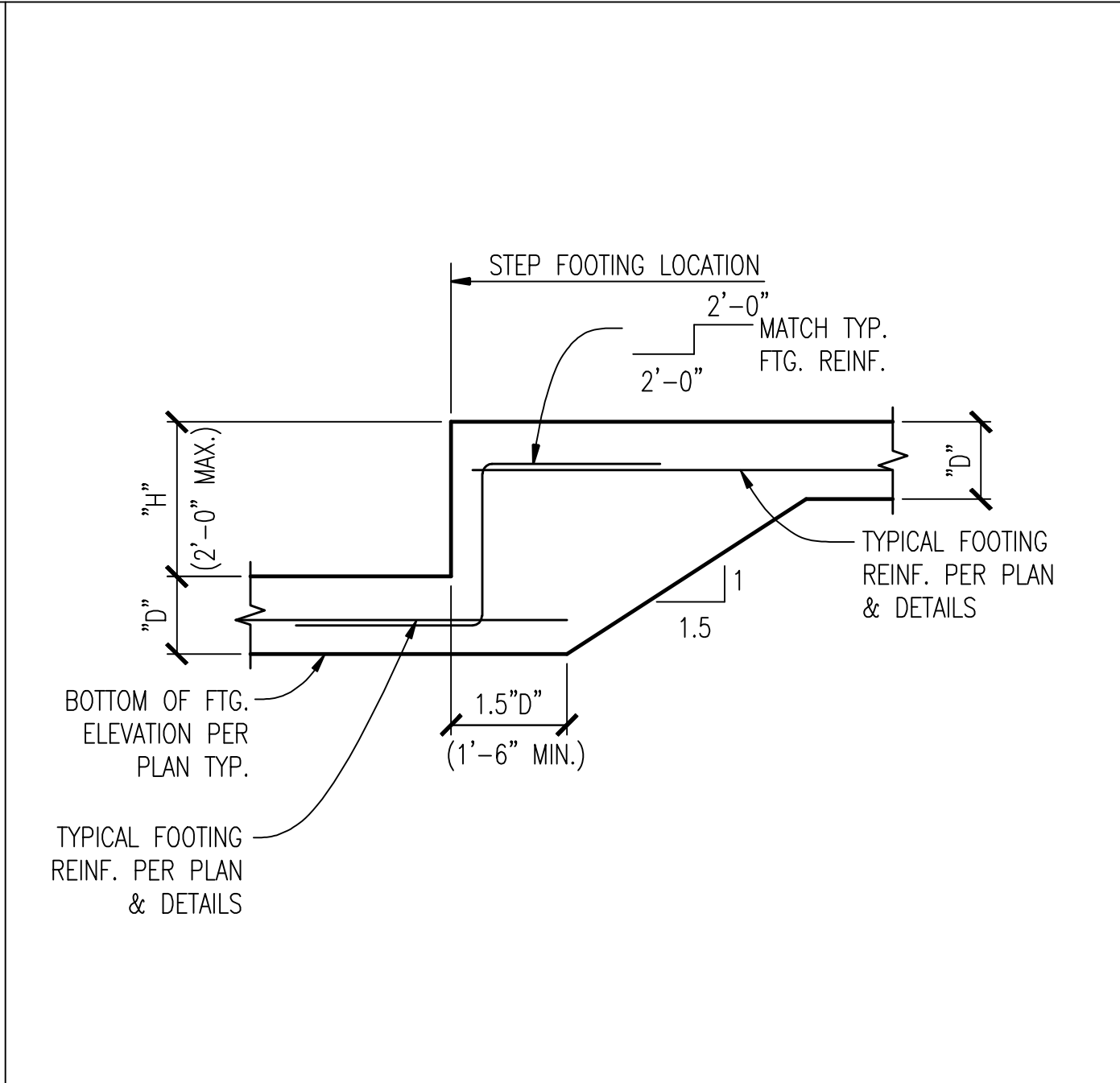
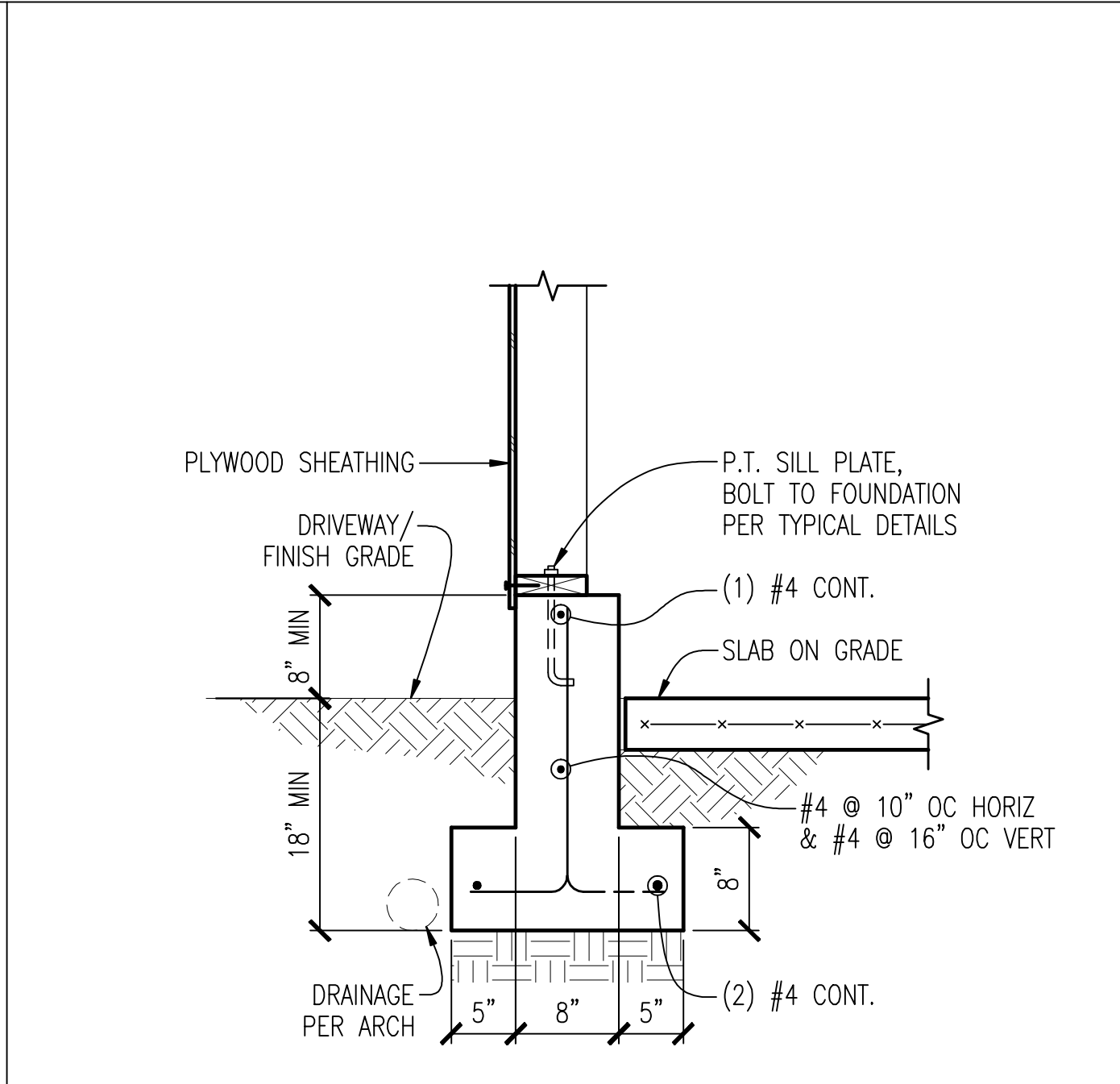
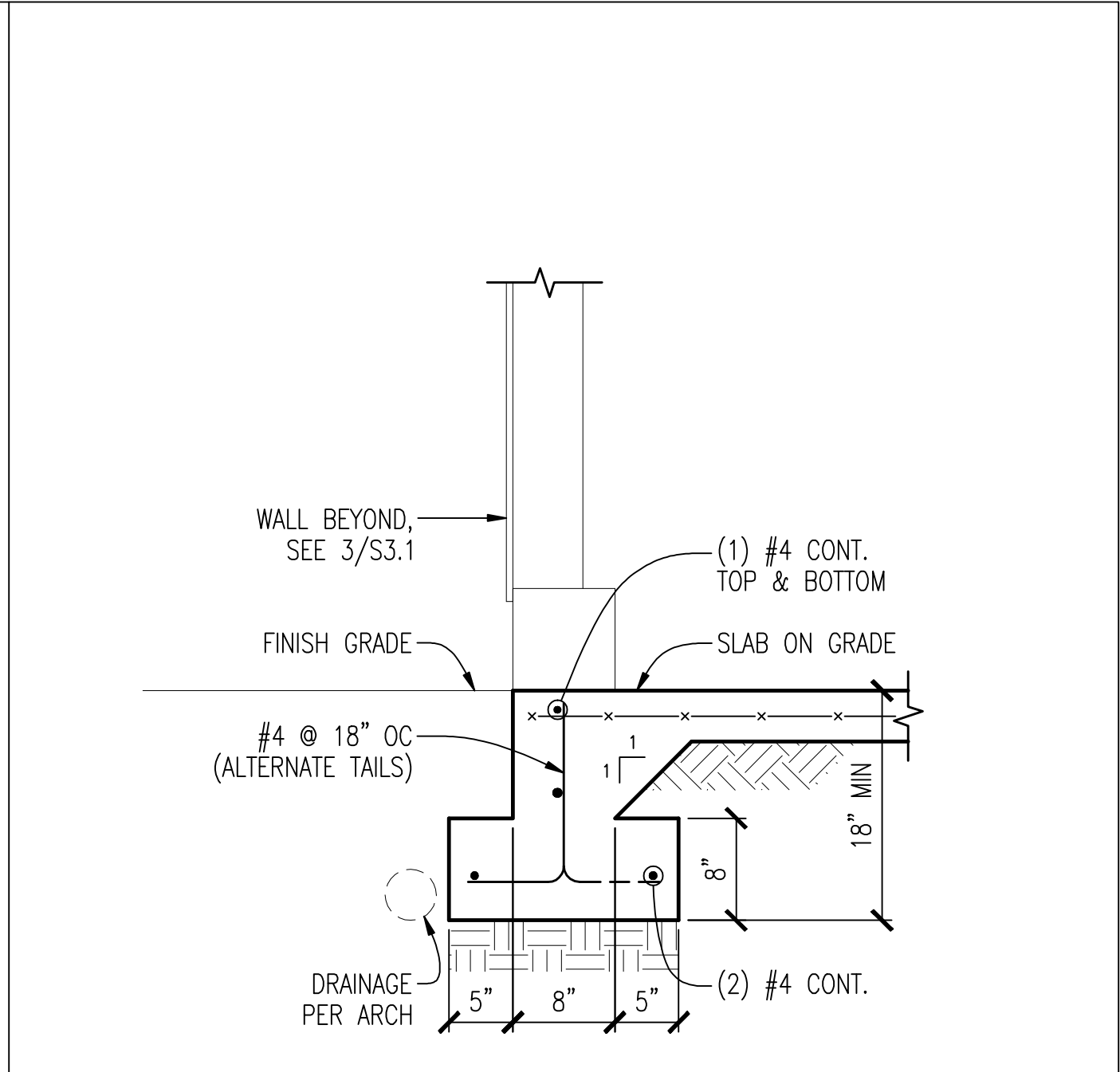
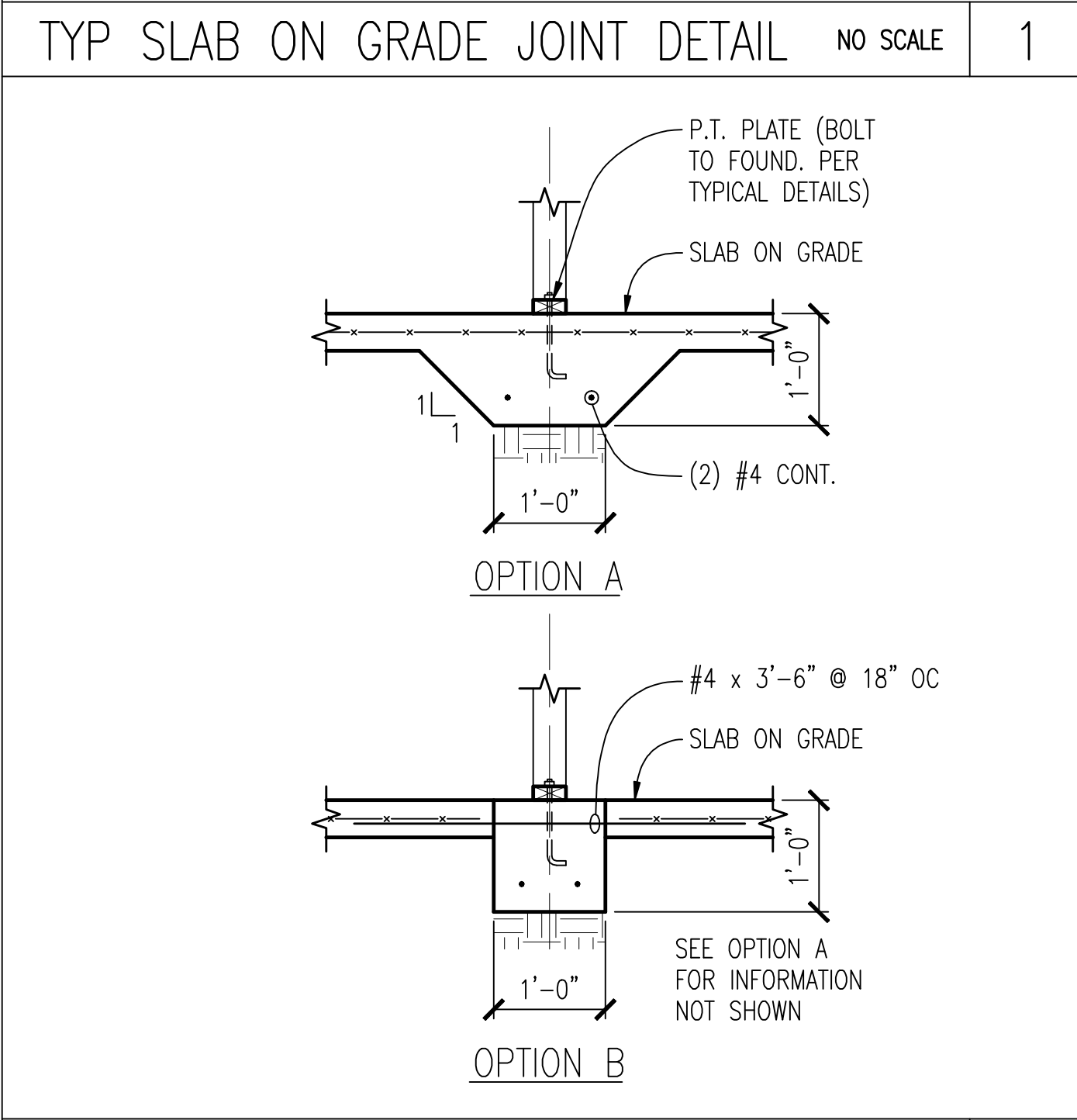
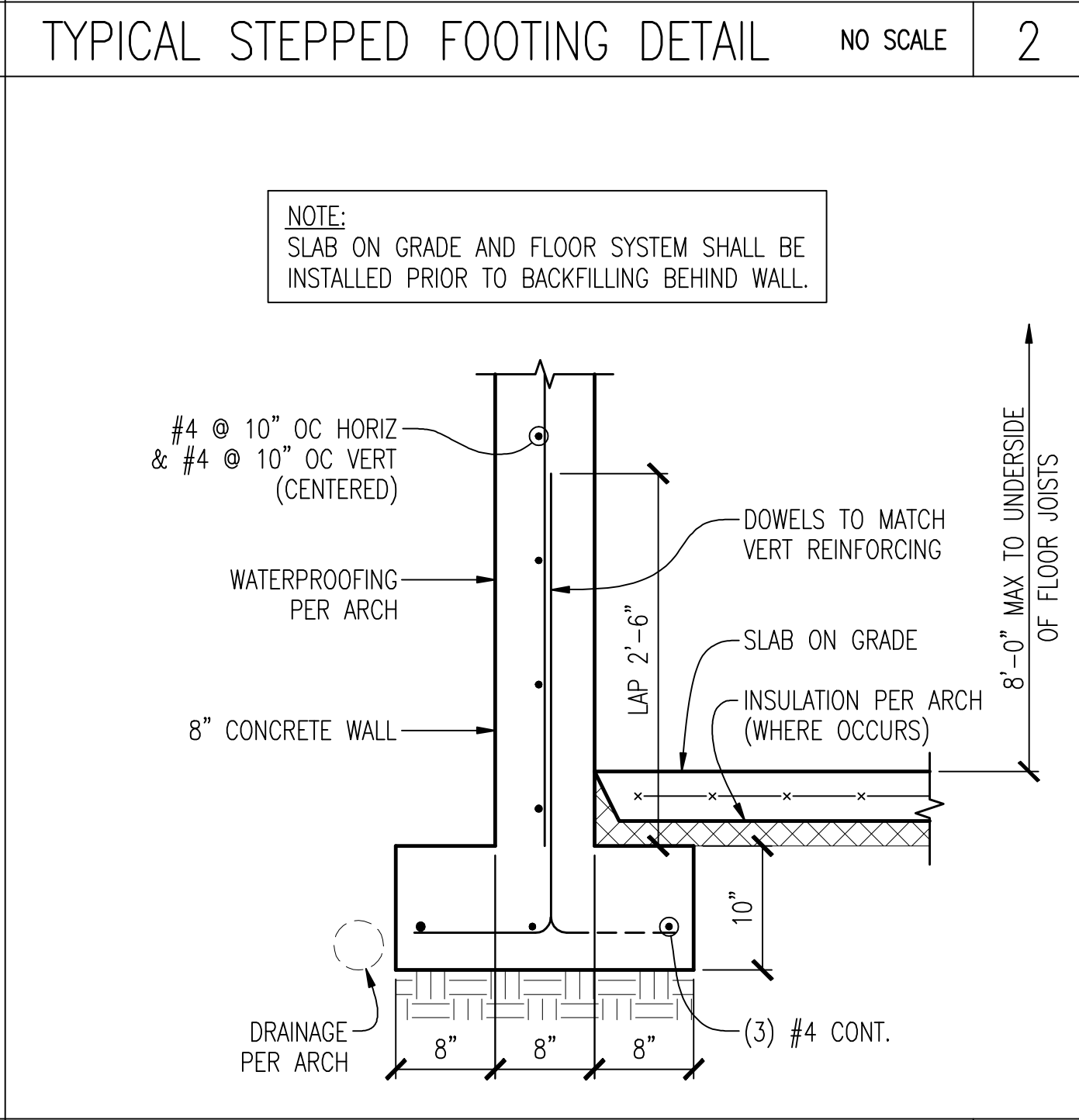
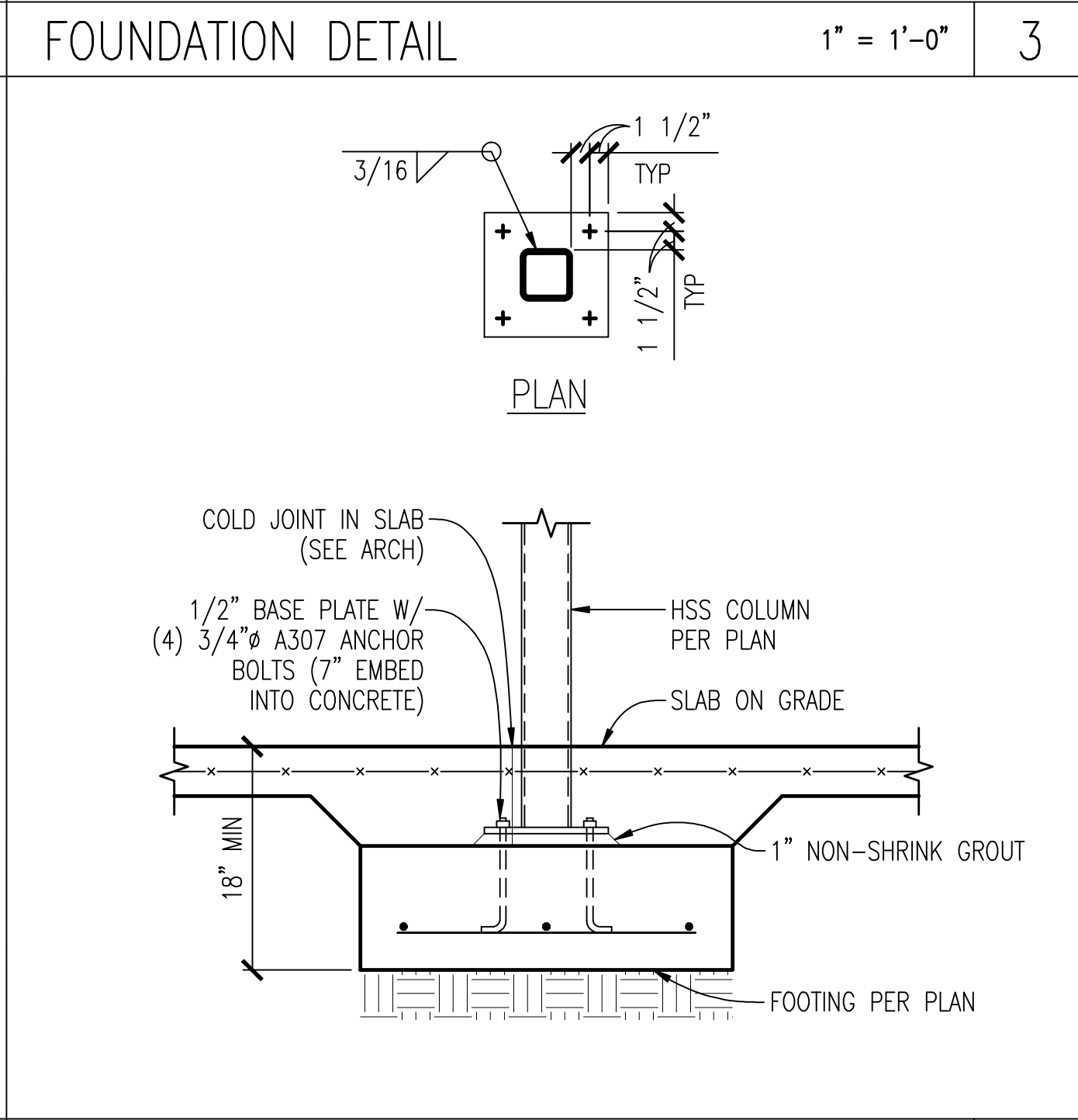
1. (2) MINIMUM 16d NAILS PER BLOCK EACH END.
2. BLOCKING REQUIRED FOR ALL PANEL EDGES.
3. VALUES BASED ON HEM-FIR SPECIES.
4. NAIL VALUES BASED UPON COMMON NAILS OR 3" P-NAILS FOR 2-1/2" P-NAILS FOR 8d NAILS, 0.148 x 3" P-NAILS FOR 10d NAILS, AND 0.162 x 3-1/2" P-NAILS FOR 16d NAILS DRIVEN FLUSH. DO NOT OVERDRIVE NAILS.
5. WHERE SHEAR CAPACITIES EXCEED 350 PLF, FOUNDATION PLATE AND ALL FRAMING MEMBERS RECEIVING EDGE NAILING FROM ABUTTING PANELS SHALL BE 3x MEMBERS. NAILS SHALL BE STAGGERED. (DOUBLE 2x FRAMING IS ACCEPTABLE IN LIEU OF 3x FRAMING. STILL PLATES MUST BE 3x MEMBERS. NOT DOUBLE 2x FRAMING TOGETHER PER EDGE NAILING REQUIREMENTS.)
6. ALL SHEARWALL ANCHOR BOLTS SHALL HAVE 3"x3"x1/4" BEARING PLATE WASHERS AT JOINT BEARING CONDITIONS. WHERE SHEAR CAPACITIES EXCEED 400 PLF THE EDGE OF THE PLATE WASHERS SHALL EXTEND TO WITHIN 1/2" OF THE PLYWOOD SHEATHING.
7. SEE DETAIL 8 FOR SHEARWALL HOLDOWN SCHEDULE.
8. CONNECTION HARDWARE TO PRESSURE TREATED (P.T.) WOOD SHALL BE EITHER A) SIMSLOK EMAX COATED WITH HOT-DIP GALVANIZED FASTENERS, OR B) STAINLESS STEEL WITH STAINLESS STEEL FASTENERS.
9. USE 5/8" x 8" TIE HD WITH 3"x3"x1/4" SQUARE WASHERS AT EXISTING CONCRETE.

NOTES:

1. SEE PLAN FOR HOLDOWN SIZE.
2. BUNDLED STUDS TO MATCH TYPICAL WALL STUD SIZE. SEE DETAIL 12 FOR BUNDLED STUD DETAILS.
3. FOR BUNDLES OF 3 OR MORE, STUDS SHALL BE BUNDLED PER 2 STUDS WITH 10d @ 6" OC STAGGERED FOR EACH ADDITIONAL STUD.
4. ALL SIMPSON STB AND SB ANCHOR BOLTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
5. SPECIAL INSPECTION MAY BE REQUIRED BY LOCAL JURISDICTIONS FOR EPOXY-GROUTED HOLDOWNS.

NO SCALE	8
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NO SCALE	12
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 <p>CONSTRUCTION JOINT</p> <p>CONTROL JOINT</p> <p>NOTES: 1. REFER TO PLAN FOR SLAB THICKNESS AND REINFORCING. 2. CONTROL JOINTS TO BE SPACED @ 12'-0" OC MAX, EACH WAY, UNO. RATIO OF DISTANCE BETWEEN CONTROL JOINTS IN EACH DIRECTION FOR A SLAB PANEL SHALL NOT EXCEED 1.5. CONSTRUCTION JOINTS PER THIS DETAIL SHALL BE CONSIDERED AS CONTROL JOINTS FOR CONTROL JOINT SPACING REQUIREMENTS.</p>	 <p>TYPICAL FOOTING REINF. PER PLAN & DETAILS</p>	 <p>FOUNDATION DETAIL</p>	 <p>FOUNDATION DETAIL</p>
 <p>FOUNDATION DETAIL</p>	 <p>FOUNDATION DETAIL</p>	 <p>FOUNDATION DETAIL</p>	
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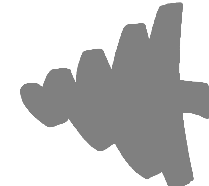
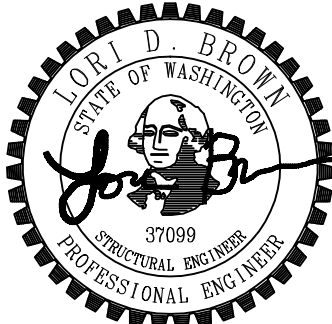
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SECTIONS & DETAILS

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EVERGREEN DESIGN COMPANY
LORI D. BROWN, P.E., S.E.
STRUCTURAL ENGINEER
1044 WYNDHAM WAY
COVANO ISLAND, WA 98002
PHONE 360.367.8460

	FRAMING DETAIL	1" = 1'-0"	1		FRAMING DETAIL	1" = 1'-0"	2		FRAMING DETAIL	1" = 1'-0"	3		FRAMING DETAIL	1" = 1'-0"	4
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LORI D. BROWN, P.E., S.E.
1044 WHIDDEY WAY
COMANO ISLAND, WA 98062
PHONE 360.367.8460

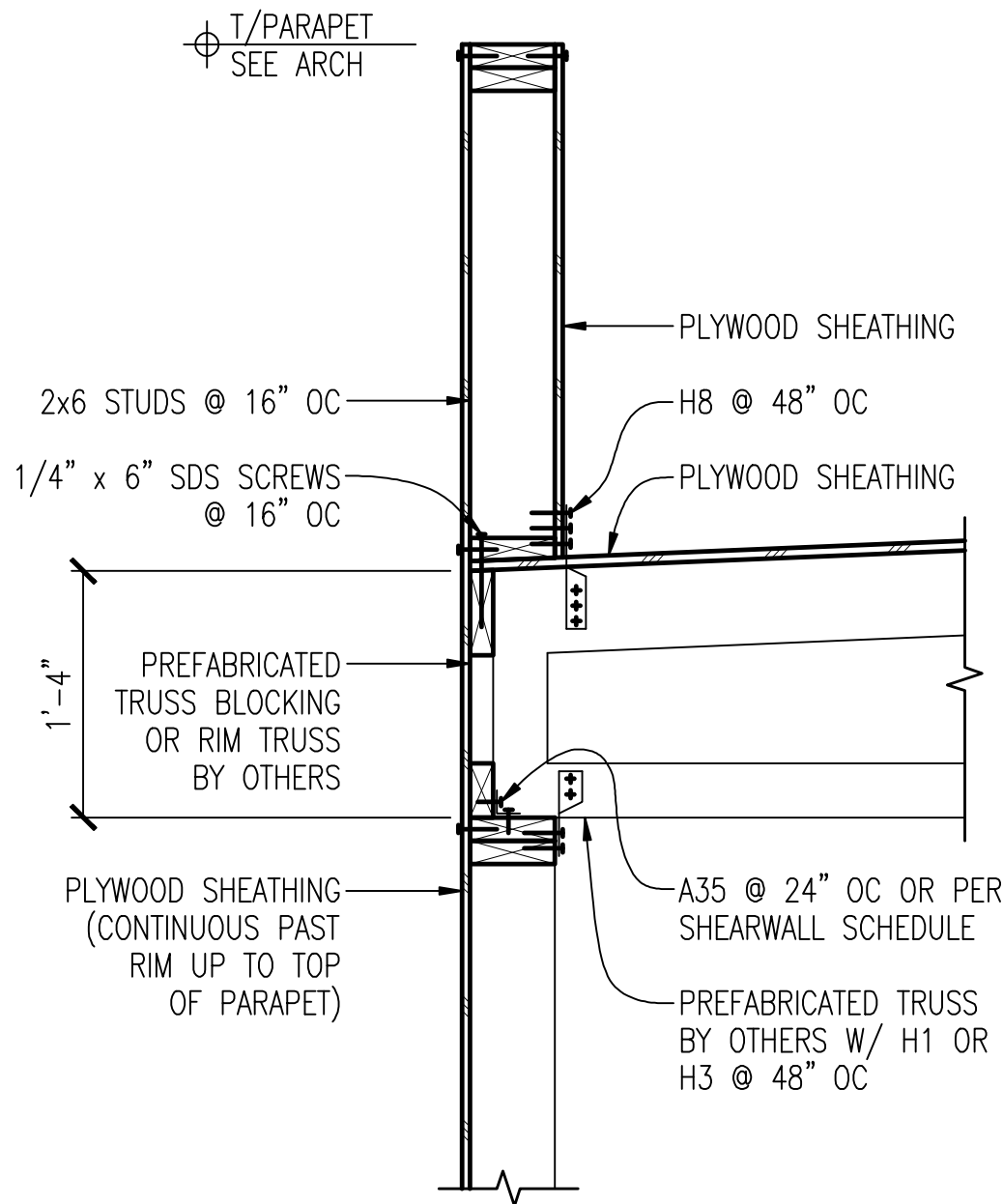
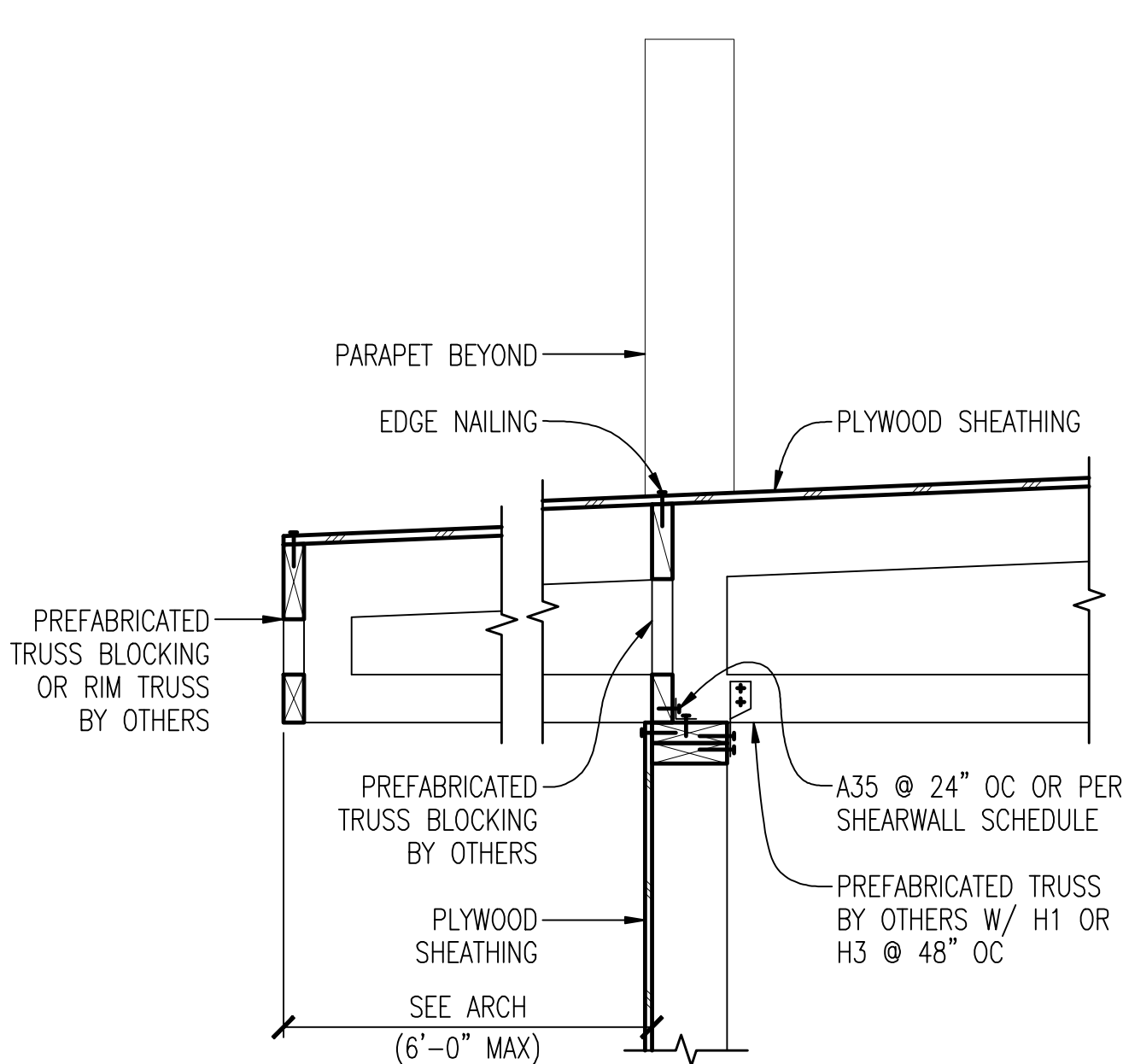
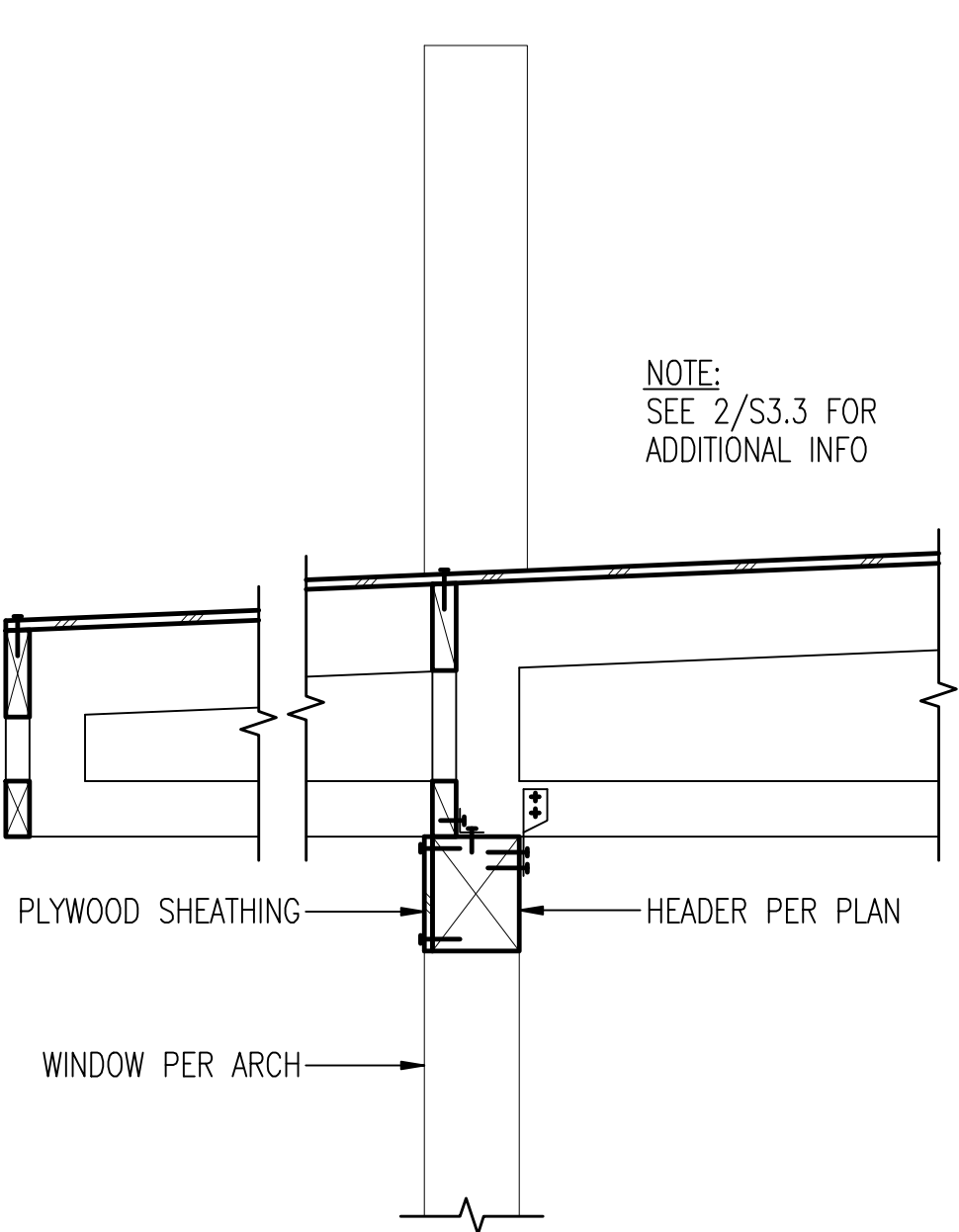
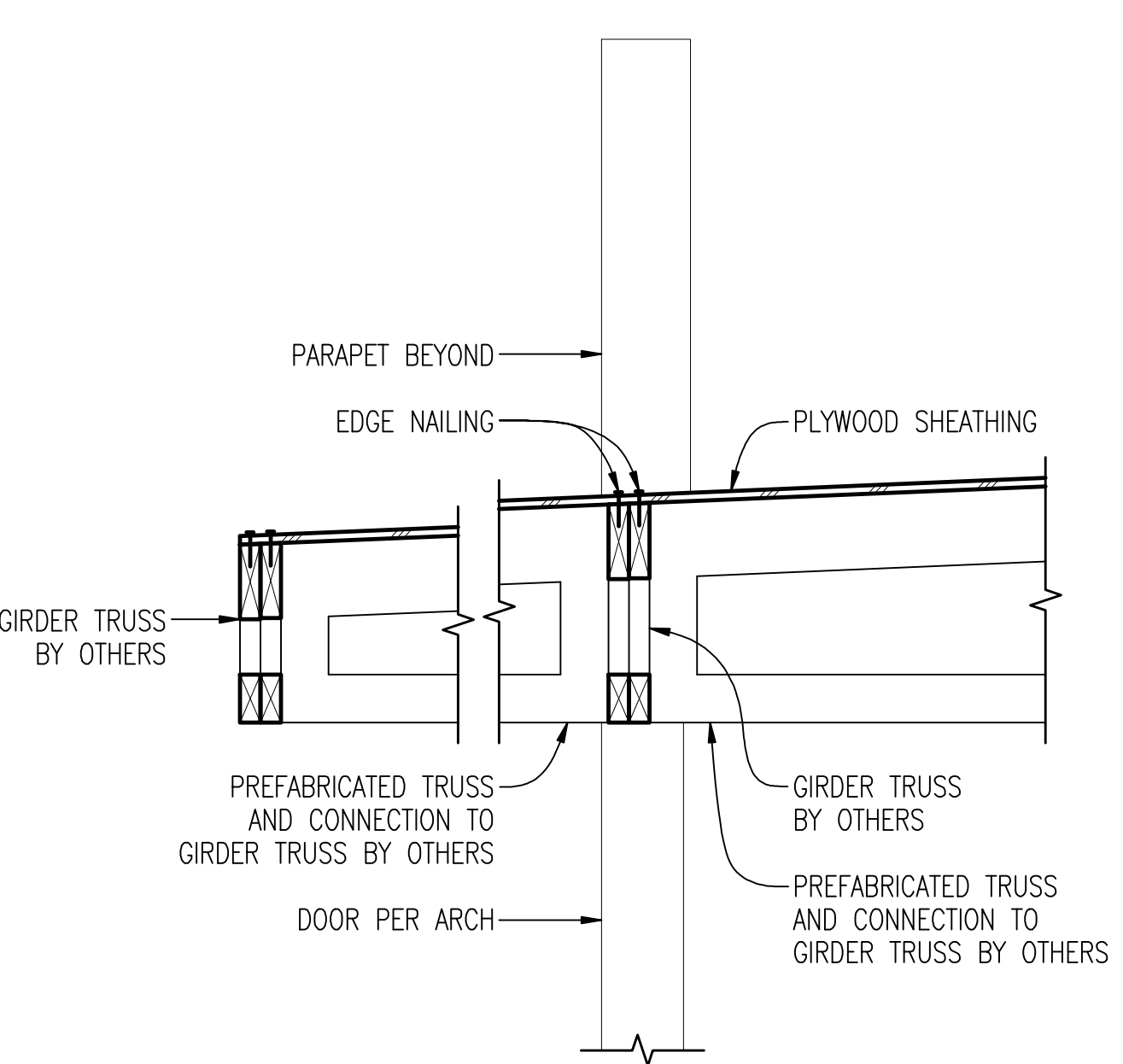
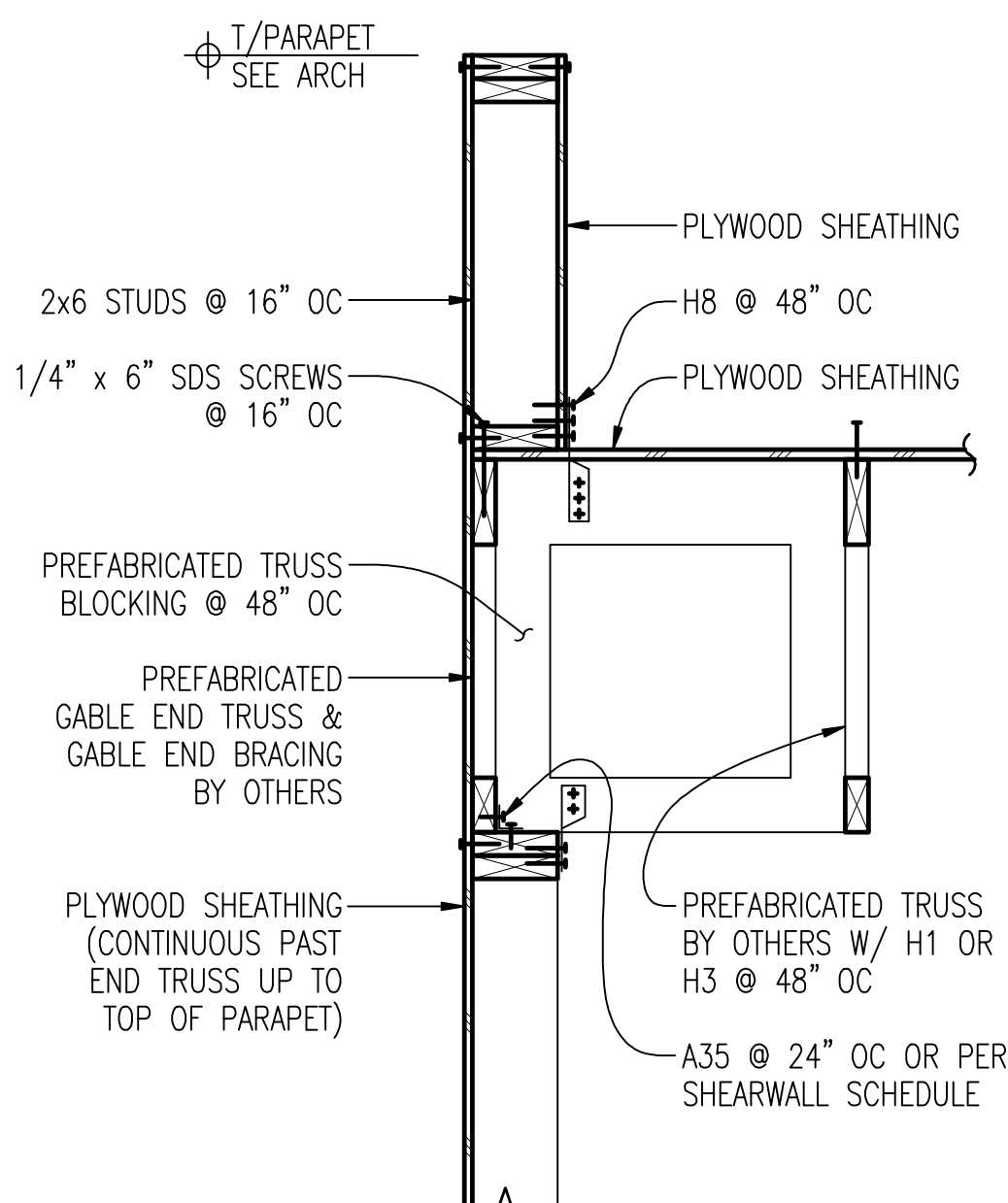
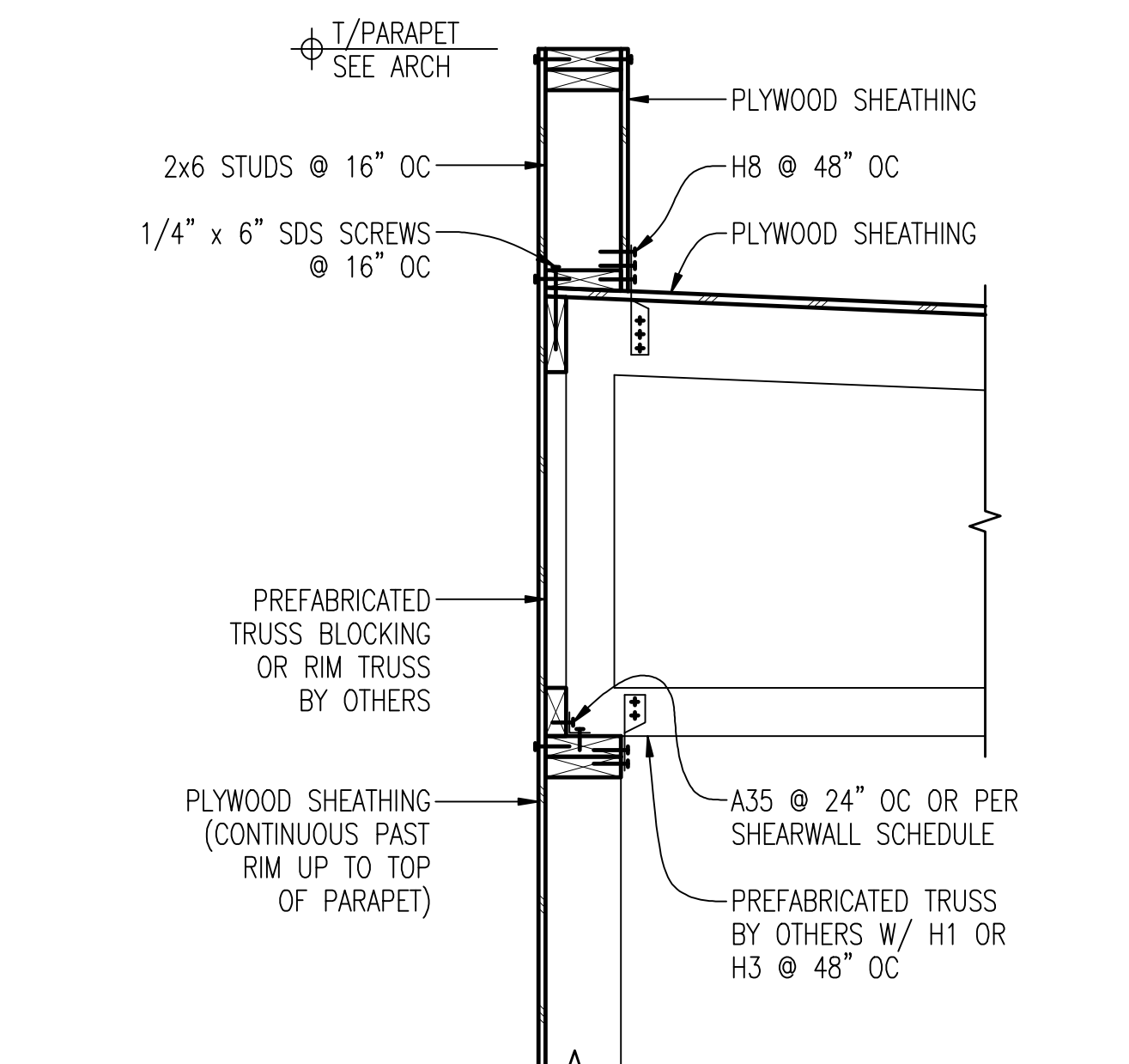
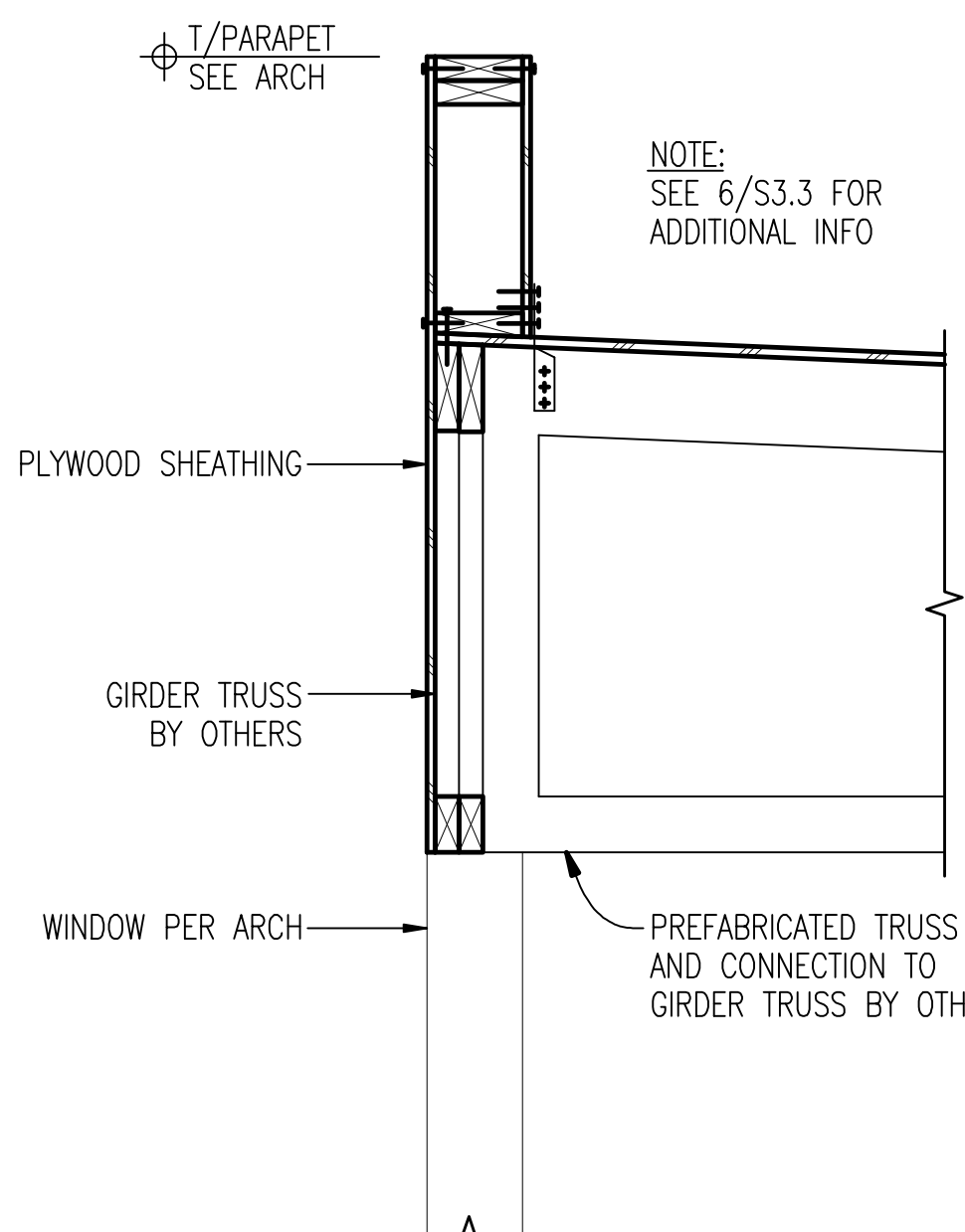
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SECTIONS & DETAILS

10.21.19	PERMIT SET
DATE	NOTE

S3.2

	1" = 1'-0"	1		1" = 1'-0"	2		1" = 1'-0"	3		1" = 1'-0"	4
	1" = 1'-0"	5		1" = 1'-0"	6		1" = 1'-0"	7			
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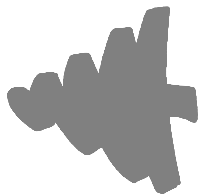
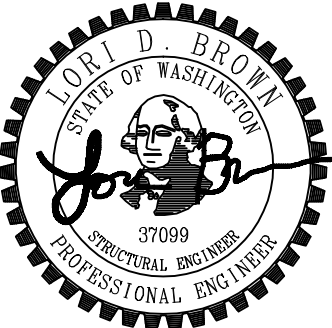
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EVERGREEN DESIGN COMPANY
LORI D. BROWN, P.E., S.E.
1044 WHIDHAM WAY
COVANO ISLAND, WA 98002
PHONE 360.387.8460
STRUCTURAL ENGINEER