

ABBREVIATIONS:

ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
BLW	BELOW
BOT	BOTTOM
BOW	BOTTOM OF WALL
CAB	CABINET
CL	CENTERLINE
CONC	CONCRETE
CONT	CONTINUOUS
CP	CENTERPOINT
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DR	DOOR
DS	DOWNSPOUT
D/W	DISHWASHER
EA	EACH
EX	EXISTING
EXT	EXTERIOR
FOC	FACE OF CONCRETE
FOW	FACE OF WALL
FN GRDE	FINISHED GRADE
FNDN	FOUNDATION
FLR	FLOOR
FP	FIREPLACE
GA	GAUGE
GWB	GYPSUM WALL BOARD
HB	HOSE BIBB
HGT	HEIGHT
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
LV	LOW VOLTAGE
MTL	METAL
MFR	MANUFACTURER
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NFC	NOT FOR CONSTRUCTION
OC	ON CENTER
PL	PROPERTY LINE
RAD	RADIUS
RE	REFER TO
SIM	SIMILAR
TBD	TO BE DETERMINED
TG	TEMPERED GLASS
T&G	TONGUE & GROOVE
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD
WD	WOOD
WDW	WINDOW

PLAN LEGEND:

	EXISTING WALL TO REMAIN
	NEW FULL-HEIGHT WALL
	NEW FULL-HEIGHT CONCRETE WALL
	PARTIAL-HEIGHT WALL
	PROPERTY LINE
	BUILDING / STRUCTURE ABOVE
	BUILDING / STRUCTURE BELOW
	CENTERLINE
	AREA OF DRAWING REVISION
	ELEVATION MARKER
	SECTION MARKER

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS.
2. THIS PROJECT SHALL COMPLY WITH ALL GOVERNING REGULATIONS, ORDINANCES, BUILDING CODES, OR COVENANTS OF THE AREA IN WHICH IT IS BUILT.
3. APPROVAL BY AN INSPECTOR DOES NOT CONSTITUTE AUTHORITY TO DEVIATE FROM THE DRAWINGS OR SPECIFICATIONS.
4. THE CONTRACTOR SHALL SCHEDULE WALK-THROUGHS AT EACH OF BELOW NOTED INTERVALS.

A. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

B. PRIOR TO THE COMMENCEMENT OF ALL MECHANICAL + ELECTRICAL WORK.
5. PROVIDE ALL NECESSARY BARRICADES, WARNING SIGNS, + DEVICES TO PROTECT PUBLIC + CONSTRUCTION PERSONNEL DURING CONSTRUCTION.
6. MAINTAIN ALL REQUIRED ACCESS + EGRESS DURING CONSTRUCTION.

DUTY OF COOPERATION:

RELEASE + ACCEPTANCE OF THESE DOCUMENTS INDICATES COOPERATION AMONG THE OWNER, THE CONTRACTOR, + RIPPLE DESIGN STUDIO. ANY ERRORS, OMISSIONS, OR DISCREPANCIES DISCOVERED BY THE USE OF THESE DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO RIPPLE DESIGN STUDIO. FAILURE TO DO SO SHALL RELIEVE RIPPLE DESIGN STUDIO FROM ANY RESPONSIBILITY OF THE CONSEQUENCES.

ANY DEVIATIONS FROM THESE DOCUMENTS WITHOUT THE CONSENT OF RIPPLE DESIGN STUDIO ARE UNAUTHORIZED. FAILURE TO OBSERVE THESE PROCEDURES SHALL RELIEVE RIPPLE DESIGN STUDIO OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH ACTIONS.

SITE NOTES:

1. ALL IMMEDIATE AREAS AFFECTED BY NEW DEVELOPMENT SHALL BE GRADED AWAY FROM FOUNDATIONS + ADJACENT PROPERTIES @ 10% AS POSSIBLE, 2% MIN.

AVERAGE BUILDING ELEVATION CALCS:

ELEVATION POINT "A"	75.30
SEGMENT LENGTH "A"	30.50
ELEV "A" x SEGMENT "A"	2,296.65
ELEVATION POINT "B"	73.00
SEGMENT LENGTH "B"	15.71
ELEV "B" x SEGMENT "B"	1,146.83
ELEVATION POINT "C"	74.00
SEGMENT LENGTH "C"	31.33
ELEV "C" x SEGMENT "C"	2,316.42
ELEVATION POINT "D"	75.45
SEGMENT LENGTH "D"	3.90
ELEV "D" x SEGMENT "D"	226.35
ELEVATION POINT "E"	73.60
SEGMENT LENGTH "E"	34.25
ELEV "E" x SEGMENT "E"	2,520.80
ELEVATION POINT "F"	64.10
SEGMENT LENGTH "F"	24.70
ELEV "F" x SEGMENT "F"	1,583.27
ELEVATION POINT "G"	65.20
SEGMENT LENGTH "G"	24.00
ELEV "G" x SEGMENT "G"	1,564.80
ELEVATION POINT "H"	65.50
SEGMENT LENGTH "H"	7.75
ELEV "H" x SEGMENT "H"	507.63
ELEVATION POINT "I"	66.00
SEGMENT LENGTH "I"	20.00
ELEV "I" x SEGMENT "I"	1,320.00
ELEVATION POINT "J"	66.70
SEGMENT LENGTH "J"	7.75
ELEV "J" x SEGMENT "J"	516.93
ELEVATION POINT "K"	66.60
SEGMENT LENGTH "K"	14.50
ELEV "K" x SEGMENT "K"	965.70
ELEVATION POINT "L"	66.30
SEGMENT LENGTH "L"	50.00
ELEV "L" x SEGMENT "L"	3,315.00
ELEVATION POINT "M"	64.50
SEGMENT LENGTH "M"	17.00
ELEV "M" x SEGMENT "M"	1,096.50
ELEVATION POINT "N"	66.00
SEGMENT LENGTH "N"	30.50
ELEV "N" x SEGMENT "N"	2,019.00
ELEVATION POINT "O"	66.30
SEGMENT LENGTH "O"	2.50
ELEV "O" x SEGMENT "O"	167.25
ELEVATION POINT "P"	70.00
SEGMENT LENGTH "P"	21.50
ELEV "P" x SEGMENT "P"	1,505.00
TOTAL OF ELEVATION POINTS x SEGMENT LENGHTS	23,064.12
TOTAL SEGMENT LENGTHS	334.99
AVERAGE GRADE	68.85

LOT COVERAGE CALCS:

LOT AREA:	16,678 FT ²
LOT SLOPE:	31.64%
MAXIMUM ALLOWABLE LOT COVERAGE:	(30%) 5,003.4 FT ²
EXISTING RESIDENCE ROOF:	2,773 FT ²
EXISTING VEHICULAR USE:	610 FT ²
TOTAL EXISTING LOT COVERAGE:	3,383 FT ²
EXISTING VEHICULAR TO BE REMOVED:	[148 FT ²]
PROPOSED ADDITIONAL ROOF AREA:	725 FT ²
PROPOSED COVERED PATIO + DECK AREA:	425 FT ²
TOTAL PROPOSED LOT COVERAGE:	1,148 FT ²
TOTAL LOT COVERAGE UPON COMPLETION:	(26.27%) 4,383 FT ²

HARDSCAPE CALCULATIONS:

LOT AREA:	16,678 FT ²
MAXIMUM ALLOWABLE HARDSCAPE COVERAGE:	(12.72%) 2,121.42 FT ²
(9% OF LOT 1.501 + BORROWED AREA 620.4)	
EXISTING UNCOVERED DECK:	654 FT ²
EXISTING UNCOVERED PATIO:	125 FT ²
EXISTING WALKWAYS:	343 FT ²
EXISTING STAIRS:	442 FT ²
EXISTING ROCKERIES + RETAINING WALLS:	636 FT ²
TOTAL EXISTING IMPERVIOUS SURFACE:	2,200 FT ²
TOTAL HARDSCAPE TO BE REMOVED:	[909 FT ²]
PROPOSED UNCOVERED DECK AREA:	291 FT ²
PROPOSED WALKWAY AREA:	161 FT ²
TOTAL PROPOSED HARDSCAPE AREA:	452 FT ²
TOTAL HARDSCAPE AREA UPON COMPLETION:	(10.45%) 1,743 FT ²
TOTAL NET HARD SURFACE (IMPERVIOUS) CHANGE:	+543 FT²



FLOOR AREAS:

LOT AREA:	16,678 FT ²
MAXIMUM ALLOWABLE GFA (R-15, 12,000 OR 40%)	(40%) 6,671.20 FT ²
EX BASEMENT FLOOR AREA:	1,193 FT ²
EX BASEMENT 'GARAGE' AREA:	495 FT ²
NEW BASEMENT FLOOR AREA:	751 FT ²
NEW BASEMENT 'EXTERIOR' STORAGE AREA:	[163 FT ²]
TOTAL BASEMENT FLOOR AREA UPON COMPLETION:	2,603 FT ²
EX FIRST FLOOR AREA:	1,881 FT ²
NEW FIRST FLOOR AREA:	494 FT ²
NEW FIRST FLOOR COVERED DECK:	248 FT ²
TOTAL FIRST FLOOR AREA UPON COMPLETION:	2,623 FT ²
TOTAL FLOOR AREA UPON COMPLETION:	5,226 FT ²
EXISTING GARAGE FLOOR AREA:	384 FT ²
PROPOSED GARAGE FLOOR AREA:	270 FT ²
TOTAL GARAGE AREA UPON COMPLETION:	654 FT ²
TOTAL GROSS FLOOR AREA UPON COMPLETION:	(35.2%) 5,879 FT ²

MINIMUM SIDE YARD WIDTH:

LOT AREA:	17,123 FT ²
EFFECTIVE LOT WIDTH:	125'-7"
REQUIRED COMBINED SIDE YARD:	(17%) 21.35'
MINIMUM SIDE YARD BASED ON LOT WIDTH:	(33% OF 21.35') 7.04'

1. A NFPA 13D FIRE SPRINKLER SYSTEM IN COMPLIANCE WITH NFPA 13D AND COM STANDARDS SHALL BE INSTALLED THROUGHOUT THE RESIDENCE. A SEPARATE FIRE PERMIT IS REQUIRED."

NOTE THAT THIS SPRINKLER SYSTEM REQUIRES A MINIMUM OF 1" WATER METER AND SUPPLY LINE.

PROJECT INFO:

PROJECT ADDRESS:
5419 96TH AVE SE
MERCER ISLAND, WA 98040

SCOPE OF WORK:
ADDITION AND REMODEL PER PLAN

ZONE:
R-15

LEGAL DESCRIPTION:
LOT 11 C&V H&S, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 70 OF PLATS, PAGES 95 AND 96, IN KING COUNTY, WASHINGTON.
SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

ACCESSOR'S PARCEL NUMBER:
1438700110

BUILDING CODE + OCCUPANCY:
2021 IRC (ARCHITECTURAL) + IBC (STRUCTURAL)
R-3 SINGLE FAMILY RESIDENTIAL (RESIDENCE)
U STORAGE (GARAGE, STORAGE)

TYPE OF CONSTRUCTION:
TYPE-V-N NON-SPRINKLERED

PROJECT TEAM:

CLIENT / OWNER:
ALPAY RESIDENCE
5419 96TH AVE SE
MERCER ISLAND, WA 98040
206.913.2333

ARCHITECT / APPLICANT:
RIPPLE DESIGN STUDIO - JIM DEARTH
4303 STONE WAY N
SEATTLE, WA 98103
206.913.2333

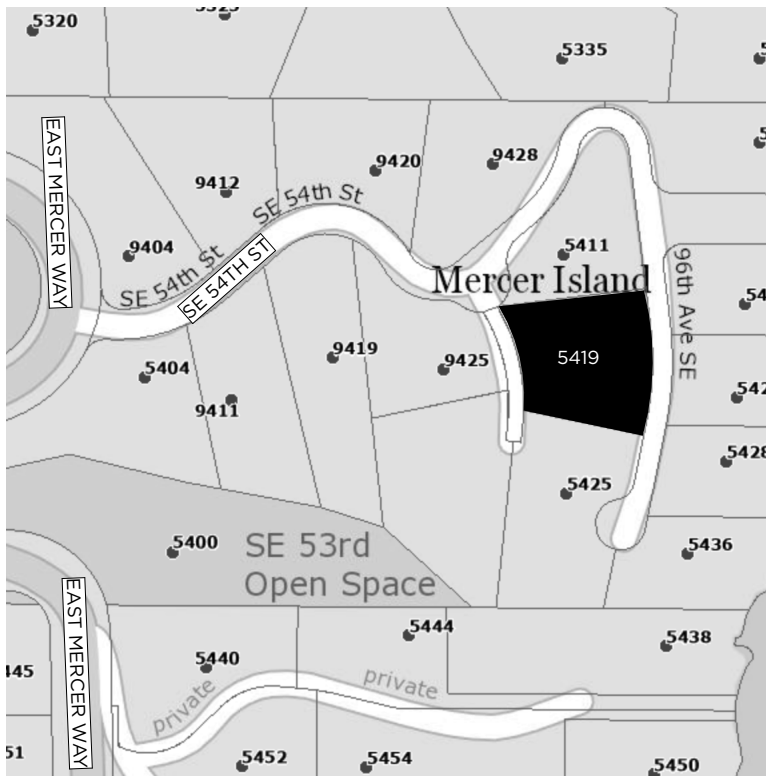
SURVEYOR:
TERRANE
10801 MAIN STREET SUITE 102
BELLEVUE, WA 98004
425.458.4488

GEOTECHNICAL ENGINEER:
GEOTECH CONSULTANTS, INC. - MARC MCGINNIS
2401 10TH AVE E
SEATTLE, WA 98102
425.747.5618

STRUCTURAL ENGINEER:
BUKER ENGINEERING - DANIEL BUKER
4303 STONE WAY N
SEATTLE, WA 98103
206.258.6333

CONTRACTOR:
GT RESIDENTIAL CONTRACTING - GRAHAM TRAVIS
PO BOX 6241
EDMONDS, WA 98026
206.769.4128

VICINITY MAP:



SHEET INDEX:

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	SURVEY 2
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RIPPLE
DESIGN STUDIO

206.913.2333

4303 STONE WAY N
SEATTLE, WA 98103

9790
REGISTERED
ARCHITECT
JAMES M DEARTH
STATE OF WASHINGTON

SITE PLAN

ALPAY RESIDENCE

5419 96TH AVE SE
MERCER ISLAND, WA 98040

SITE PLAN

RELEASE

PERMIT RESPONSE
9 DECEMBER 2025

CAR-2 PERMIT SUBMITTAL
23 DECEMBER 2025

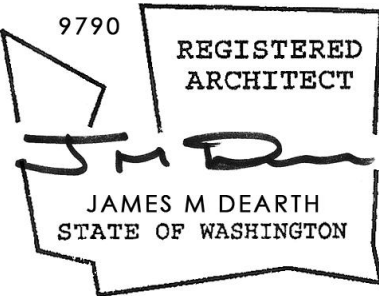
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4303 STONE WAY N
SEATTLE, WA 98103



ALPAY RESIDENCE
5419 96TH AVE SE MERCER ISLAND, WA 98040

SITE DIAGRAMS

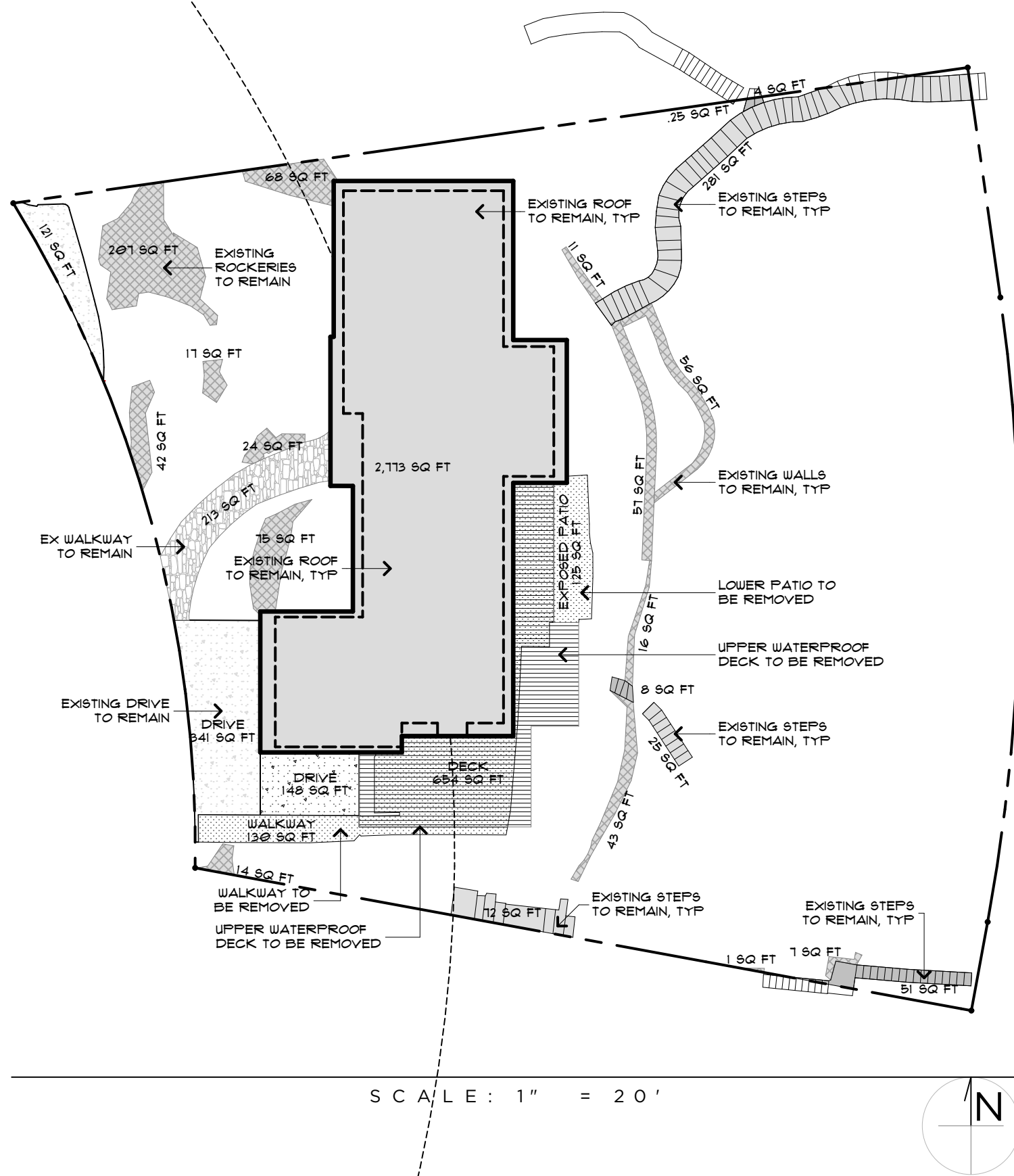
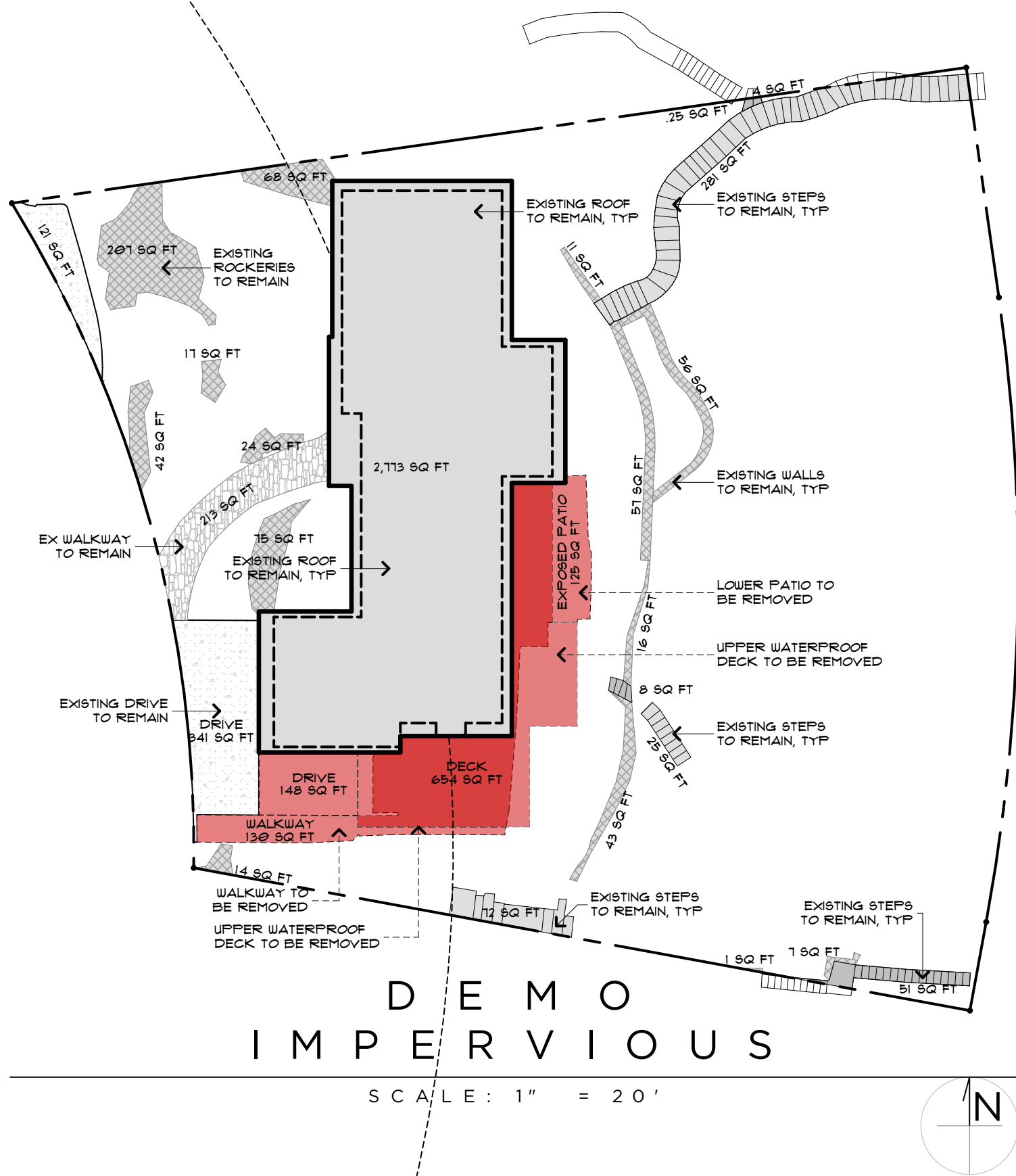
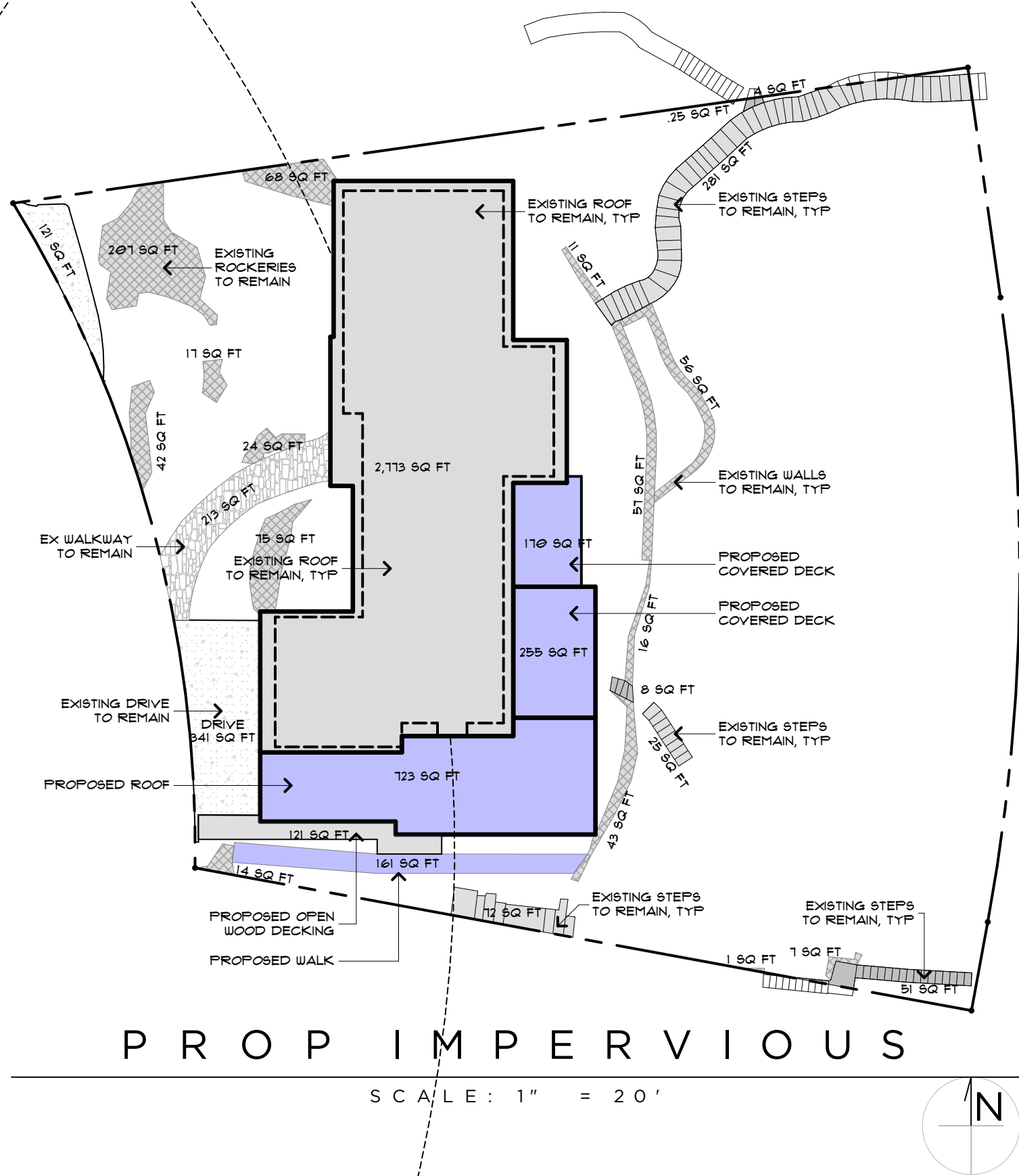
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RELEASE

PERMIT RESPONSE
9 DECEMBER 2025
CAR-2 PERMIT SUBMITTAL
23 DECEMBER 2025

A 1.1

ALPAY
AUTHOR: 01/24/25



IMPERVIOUS SURFACE CALCS:

EXISTING ROOF:	2,773 FT ²
EXISTING DRIVE:	489 FT ²
EXISTING PARKING @ NW CORNER:	121 FT ²
EXISTING FRONT WALKWAY:	213 FT ²
EXISTING SOUTH WALKWAY:	130 FT ²
EXISTING IMPERVIOUS WOOD DECK:	654 FT ²
EXISTING PATIOS (OUTSIDE FOOTPRINT OF DECK):	125 FT ²
EXISTING SITE STEPS / STAIRS:	442 FT ²
EXISTING ROCKERIES + RETAINING WALLS:	636 FT ²
TOTAL EXISTING IMPERVIOUS SURFACE:	5,583 FT ²
DRIVE TO BE REMOVED:	148 FT ²
DECK TO BE REMOVED:	654 FT ²
PATIO TO BE REMOVED:	125 FT ²
WALKWAY TO BE REMOVED:	130 FT ²
TOTAL IMPERVIOUS TO BE REMOVED:	1,057 FT ²
PROPOSED ROOF AREA:	723 FT ²
PROPOSED COVERED DECK AREA:	255 FT ²
PROPOSED UNCOVERED IMPERVIOUS DECK AREA:	170 FT ²
PROPOSED WALKWAY AREA:	161 FT ²
TOTAL PROPOSED IMPERVIOUS AREA:	1,309 FT ²
NET IMPERVIOUS INCREASE:	252 FT ²

LEGAL DESCRIPTION

LOT 11, CAY HILLS, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 70 OF PLATS, PAGES 95 AND 96, IN KING COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

BASIS OF BEARINGS

ACCEPTED THE BEARING OF N 51°40'27" W BETWEEN MONUMENTS FOUND AND SHOWN HEREON, CALCULATED PER REFERENCE NO. 1.

REFERENCES

R1. CAY HILLS, VOL. 70 OF PLATS, PGS. 95-96, RECORDS OF KING COUNTY, WASHINGTON.
R2. RECORD OF SURVEY, VOL. 163, PG. 156, RECORDS OF KING COUNTY, WASHINGTON.

VERTICAL DATUM

NAVD 88 PER GPS OBSERVATIONS

SITE TEMP. BENCHMARK
DESCRIPTION: PK NAIL W/ RED WASHER
LOCATION: 38.1'S & 8.6'E FROM THE NW PROPERTY CORNER
ELEVATION: 79.12'

SURVEYOR'S NOTES

1. THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED IN JUNE OF 2025. THE FIELD DATA WAS COLLECTED AND RECORDED ON MAGNETIC MEDIA THROUGH AN ELECTRONIC THEODOLITE. THE DATA FILE IS ARCHIVED ON DISC OR CD. WRITTEN FIELD NOTES MAY NOT EXIST. CONTOURS ARE SHOWN FOR CONVENIENCE ONLY. DESIGN SHOULD RELY ON SPOT ELEVATIONS.

2. ALL MONUMENTS SHOWN HEREON WERE LOCATED DURING THE COURSE OF THIS SURVEY UNLESS OTHERWISE NOTED.

3. THE TYPES AND LOCATIONS OF ANY UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED TO US, BY OTHERS OR GENERAL INFORMATION READILY AVAILABLE IN THE PUBLIC DOMAIN INCLUDING, AS APPLICABLE, IDENTIFYING MARKINGS PLACED BY UTILITY LOCATE SERVICES AND OBSERVED BY TERRANE IN THE FIELD. AS SUCH, THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE RELIED ON FOR DESIGN OR CONSTRUCTION PURPOSES. TERRANE IS NOT RESPONSIBLE OR LIABLE FOR THE ACCURACY OR COMPLETENESS OF THIS UTILITY INFORMATION. FOR THE ACCURATE LOCATION AND TYPE OF UTILITIES NECESSARY FOR DESIGN AND CONSTRUCTION, PLEASE CONTACT THE SITE OWNER AND THE LOCAL UTILITY LOCATE SERVICE (800-424-5555).

4. SUBJECT PROPERTY TAX PARCEL NO. 1438700110

5. SUBJECT PROPERTY AREA PER THIS SURVEY IS 16,678 S.F. (0.38 ACRES)

6. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT. EASEMENTS AND OTHER ENCUMBRANCES MAY EXIST THAT ARE NOT SHOWN HEREON.

7. EXISTING STRUCTURE(S) LOCATION AND DIMENSIONS ARE MEASURED FROM THE FACE OF THE SIDING UNLESS OTHERWISE NOTED.

8. FIELD DATA FOR THIS SURVEY WAS OBTAINED BY DIRECT FIELD MEASUREMENTS WITH A CALIBRATED ELECTRONIC 3-SECOND TOTAL STATION AND/OR SURVEY GRADE GPS OBSERVATIONS. ALL ANGULAR AND LINEAR RELATIONSHIPS ARE ACCURATE AND MEET THE STANDARDS SET BY WAC 332-130-090.

LEGEND

BENCHMARK

CENTERLINE ROW

FENCE LINE (CHAIN LINK)

FENCE LINE (WOOD)

IRON PIPE (FOUND)

MONUMENT (IN CASE, FOUND)

NAIL AS NOTED

PROPERTY LINES (ADJACENT)

PROPERTY LINE (SUBJECT)

REBAR & CAP (SET)

REBAR AS NOTED (FOUND)

RETAINING WALL

RIGHT-OF-WAY LINES

MAILBOX (RESIDENTIAL)

BUILDING

TREE (AS NOTED)

HEDGE FOLIAGE LINE

ASPHALT SURFACE

CONCRETE SURFACE

DECK

FLAGSTONE SURFACE

PAVER SURFACE

ROCKERY

STEEP SLOPE AREA

HANDRAIL

GAS METER

GAS VALVE

GAS LINE

POWER METER

POWER POLE

POWER POLE W/ LIGHT

POWER (UNDERGROUND)

POWER VAULT

TELEPHONE HAND HOLE

TELEPHONE SENTRY

TELEPHONE (OVERHEAD)

TV HAND HOLE

UTILITY LINE

AREA DRAIN

INLET (TYPE 1)

STORM MANHOLE

STORM DRAIN LINE

SEWER MANHOLE

SEWER LINE

FIRE HYDRANT

WATER METER

WATER VALVE

WATER LINE

UNDERGROUND ELECTRIC SYSTEM EASEMENT
PER REC. NO. 5496503

TELEPHONE & TELEGRAPH LINES EASEMENT
PER REC. NO. 5498347

ACU
AIR CONDITION UNIT

BLDG
BUILDING

C.C.
CENTER CHANNEL

CALC'D
CALCULATED

CONC
CONCRETE

STEEP SLOPE/BUFFER DISCLAIMER:
THE LOCATION AND EXTENT OF STEEP SLOPES SHOWN ON THIS DRAWING ARE FOR INFORMATIONAL PURPOSES ONLY AND CANNOT BE RELIED ON FOR DESIGN AND/OR CONSTRUCTION. THE PITCH, LOCATION, AND EXTENT ARE BASED SOLELY ON OUR GENERAL OBSERVATIONS ON SITE AND OUR CURSORY REVIEW OF READILY AVAILABLE PUBLIC DOCUMENTS. AS SUCH, TERRANE CANNOT BE LIABLE OR RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY STEEP SLOPE INFORMATION. ULTIMATELY, THE LIMITS AND EXTENT OF ANY STEEP SLOPES ASSOCIATED WITH ANY SETBACKS OR OTHER DESIGN OR CONSTRUCTION PARAMETERS MUST BE DISCUSSED AND APPROVED BY THE REVIEWING AGENCY BEFORE ANY CONSTRUCTION CAN OCCUR.

TOPOGRAPHIC & BOUNDARY SURVEY

SCHEDULE B ITEMS

1. TERMS AND CONDITIONS OF NOTICE OF ADDITIONAL TAP OR CONNECTION CHARGES, RECORDED UNDER RECORDING NO. 7712060812. "NOT SURVEY RELATED"

2. COVENANTS, CONDITIONS, RESTRICTIONS, RECITALS, RESERVATIONS, EASEMENTS, EASEMENT PROVISIONS, ENCROACHMENTS, DEDICATIONS, BUILDING SETBACK LINES, NOTES, STATEMENTS, AND OTHER MATTERS, IF ANY, BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, INCLUDING BUT NOT LIMITED TO THOSE BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, OR SOURCE OF INCOME, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS SET FORTH ON THE PLAT OF CAY HILLS:

RECORDING NO: 5473100 "BLANKET IN NATURE"

3. COVENANTS, CONDITIONS, RESTRICTIONS AND EASEMENTS BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, INCLUDING BUT NOT LIMITED TO THOSE BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, SOURCE OF INCOME, GENDER, GENDER IDENTITY, GENDER EXPRESSION, MEDICAL CONDITION OR GENETIC INFORMATION, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS SET FORTH IN THE DOCUMENT

RECORDING DATE: SEPTEMBER 7, 1962
RECORDING NO.: 5476633 "BLANKET IN NATURE"

4. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT:

IN FAVOR OF: PUGET SOUND POWER & LIGHT COMPANY
PURPOSE: UNDERGROUND ELECTRIC SYSTEM
RECORDING DATE: OCTOBER 23, 1962
RECORDING NO.: 5496503
AFFECTS: AS DESCRIBED THEREIN "PLOTTED"

5. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT:

IN FAVOR OF: PACIFIC NORTHWEST BELL TELEPHONE COMPANY
PURPOSE: TELEPHONE AND TELEGRAPH LINES
RECORDING DATE: OCTOBER 26, 1962
RECORDING NO.: 5498347
AFFECTS: AS DESCRIBED THEREIN "PLOTTED"

6. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT:

IN FAVOR OF: MERCER ISLAND SEWER DISTRICT
PURPOSE: SEWAGE PUMPING STATION AND TIMBER DOCK
RECORDING DATE: NOVEMBER 25, 1964
RECORDING NO.: 5815833
AFFECTS: AS DESCRIBED THEREIN "AS CONSTRUCTED"

7. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT:

IN FAVOR OF: MERCER ISLAND SEWER DISTRICT
PURPOSE: SEWER PIPELINE(S)
RECORDING DATE: MAY 6, 1965
RECORDING NO.: 5875585
AFFECTS: AS DESCRIBED THEREIN "BLANKET IN NATURE"

8. AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

RECORDING DATE: FEBRUARY 2, 1996
RECORDING NO.: 9602021145
REGARDING: MAINTENANCE OF THE COMMUNITY WATERFRONT AND DOCK AND COSTS RELATING THERETO
"BLANKET IN NATURE"

9. COVENANTS, CONDITIONS, RESTRICTIONS, RECITALS, RESERVATIONS, EASEMENTS, EASEMENT PROVISIONS, ENCROACHMENTS, DEDICATIONS, BUILDING SETBACK LINES, NOTES, STATEMENTS, AND OTHER MATTERS, IF ANY, BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, INCLUDING BUT NOT LIMITED TO THOSE BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, OR SOURCE OF INCOME, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS SET FORTH ON SURVEY:

RECORDING NO: 20031008900001
"CURRENT CONDITIONS SHOWN"

10. INDEMNIFICATION AND HOLD HARMLESS AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

RECORDING DATE: AUGUST 8, 2013
RECORDING NO.: 20130808000095 "BLANKET IN NATURE"

11. INDEMNIFICATION AND HOLD HARMLESS AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

RECORDING DATE: APRIL 21, 2014
RECORDING NO.: 20140421001049 "BLANKET IN NATURE"

VICINITY MAP

N.T.S.

CONTROL MAP

N.T.S.

TOPOGRAPHIC & BOUNDARY SURVEY

PARCEL NO. 1438700110

5419 96TH AVE SE

5419 96TH AVENUE SOUTHEAST
MERCER ISLAND, WA 98040

TERRANE

11235 SE 6th St, Suite 130
Bellevue, WA 98004
p: 425-458-4488 | e: info@terrane.net

JOB NUMBER: 250938

DATE: 06/20/25

DRAFTED BY: CAS

CHECKED BY: JPS

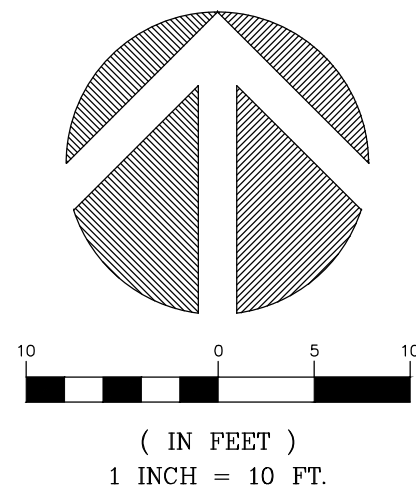
SCALE: N.T.S.

REVISION HISTORY

SHEET NUMBER

1 OF 2

TOPOGRAPHIC & BOUNDARY SURVEY



STEEP SLOPE/BUFFER DISCLAIMER:
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INDEXING INFORMATION

NW ⁴	NE ⁴
SW ⁴	SE ⁴

SE 1/4NE 1/4

SECTION: 19

TOWNSHIP: 24N

RANGE: 05E, W.M.

COUNTY: KING

TOPOGRAPHIC & BOUNDARY SURVEY

PARCEL NO. 1438700110

5419 96TH AVE SE

5419 96TH AVENUE SOUTHEAST
MERCER ISLAND, WA 98040



TERRANE

11235 SE 6th St, Suite 130
Bellevue, WA 98004
p: 425-458-4488 | e: info@terrane.net

JOB NUMBER:	250938
DATE:	06/20/25
DRAFTED BY:	CAS
CHECKED BY:	JPS
SCALE:	1"= 10'

REVISION HISTORY	
SHEET NUMBER	
2 OF 2	

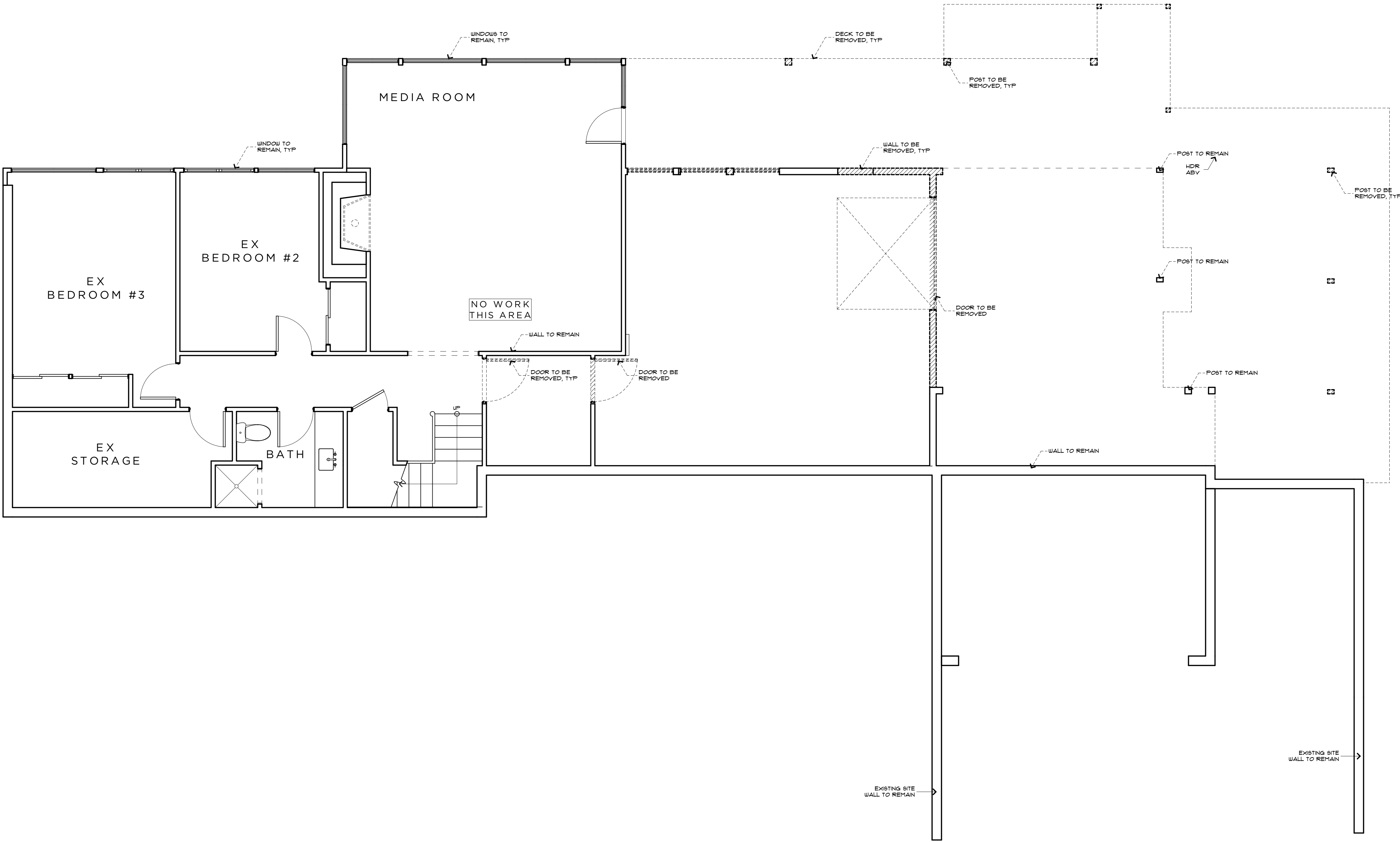
We are the measure | terrane.net

DEMO LEGEND:

- EXISTING WALL TO REMAIN
- WALL TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- WINDOW TO BE REMOVED
- EXISTING DOOR TO REMAIN
- DOOR TO BE REMOVED
- ROOF TO BE REMOVED
- STAIR/CASEWORK/OTHER TO BE REMOVED

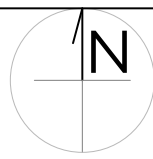
DEMO NOTES:

- CONTRACTOR TO VERIFY STRUCTURAL BEARING OF ALL ARCHITECTURAL ELEMENTS, INCLUDING WALLS + COLUMNS, + PROVIDE TEMPORARY SHORING PER STRUCTURAL ENGINEER AS REQUIRED PRIOR TO DEMOLITION.
- ALL DEMOLITION SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE COLLATERAL DAMAGE TO SURROUNDING AREAS.
- SALVAGE ALL EXISTING WINDOWS, DOORS, PLUMBING FIXTURES, FLOORING, TRIM, ETC, IF POSSIBLE. CONFIRM REUSE WITH RIPPLE DESIGN STUDIO + CLIENT PRIOR TO DISPOSAL.



B A S E M E N T D E M O L I T I O N P L A N

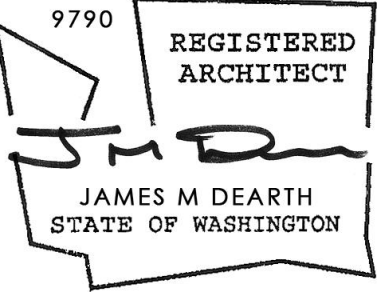
SCALE: 1/4" = 1'-0"



RIPPLE
DESIGN STUDIO

206.913.2333

4303 STONE WAY N
SEATTLE, WA 98103



ALPAY RESIDENCE
5419 96TH AVE SE MERCER ISLAND, WA 98040

B A S E M E N T
D E M O L I T I O N P L A N

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9 DECEMBER 2025
CAR-2 PERMIT SUBMITTAL
23 DECEMBER 2025

D 1 . 0

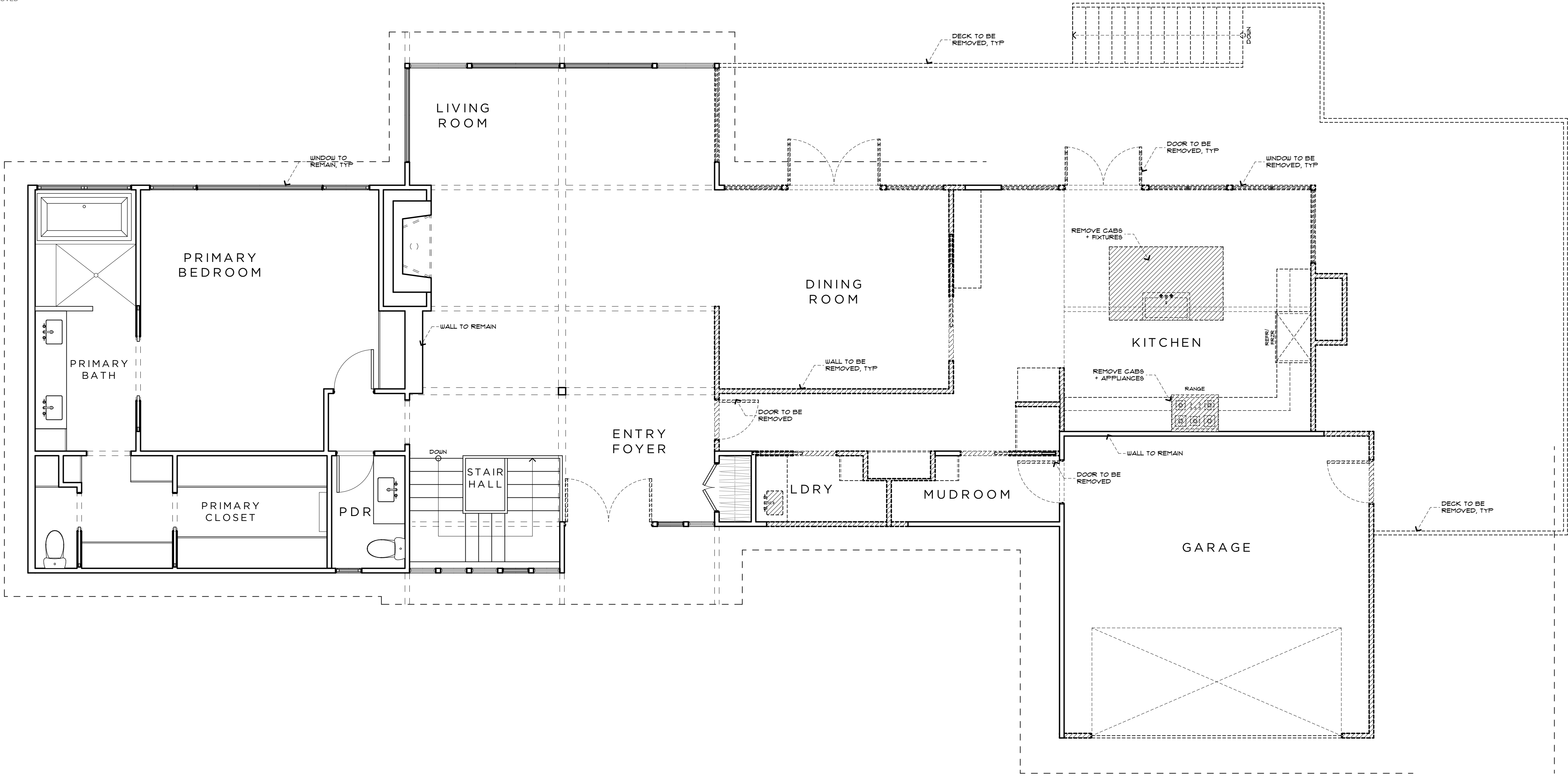
ALPAY
AUTHORED: 01/24/25

DEMO LEGEND:

-  EXISTING WALL TO REMAIN
-  WALL TO BE REMOVED
-  EXISTING WINDOW TO REMAIN
-  WINDOW TO BE REMOVED
-  EXISTING DOOR TO REMAIN
-  DOOR TO BE REMOVED
-  ROOF TO BE REMOVED
-  STAIR/CASEWORK/OTHER TO BE REMOVED

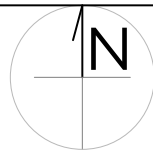
DEMO NOTES:

1. CONTRACTOR TO VERIFY STRUCTURAL BEARING OF ALL ARCHITECTURAL ELEMENTS, INCLUDING WALLS + COLUMNS, + PROVIDE TEMPORARY SHORING PER STRUCTURAL ENGINEER AS REQUIRED PRIOR TO DEMOLITION.
2. ALL DEMOLITION SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE COLLATERAL DAMAGE TO SURROUNDING AREAS.
3. SALVAGE ALL EXISTING WINDOWS, DOORS, PLUMBING FIXTURES, FLOORING, TRIM, ETC, IF POSSIBLE. CONFIRM REUSE WITH RIPPLE DESIGN STUDIO + CLIENT PRIOR TO DISPOSAL.



FIRST FLOOR DEMOLITION PLAN

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





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REGISTERED
ARCHITECT

JM

JAMES M DEARTH
STATE OF WASHINGTON

ALPAY RESIDENCE

5419 96TH AVE SE MERCER ISLAND, WA 98040

FIRST FLOOR
DEMOLITION PLAN

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FLOOR AREAS:

LOT AREA:	16,678 FT ²
MAXIMUM ALLOWABLE GFA (R-15, 12,000 or 40%):	(40%) 6,671.20 FT ²
EX BASEMENT FLOOR AREA:	1,193 FT ²
EX BASEMENT 'GARAGE' AREA:	495 FT ²
NEW BASEMENT FLOOR AREA:	751 FT ²
NEW BASEMENT 'EXTERIOR' STORAGE AREA:	[163 FT ²]
TOTAL BASEMENT FLOOR AREA UPON COMPLETION:	2,603 FT ²
EX FIRST FLOOR AREA:	1,881 FT ²
NEW FIRST FLOOR AREA:	494 FT ²
NEW FIRST FLOOR COVERED DECK:	248 FT ²
TOTAL FIRST FLOOR AREA UPON COMPLETION:	2,623 FT ²
TOTAL FLOOR AREA UPON COMPLETION:	5,226 FT ²
EXISTING GARAGE FLOOR AREA:	384 FT ²
PROPOSED GARAGE FLOOR AREA:	270 FT ²
TOTAL GARAGE AREA UPON COMPLETION:	654 FT ²
TOTAL GROSS FLOOR AREA UPON COMPLETION:	(35.2%) 5,879 FT ²



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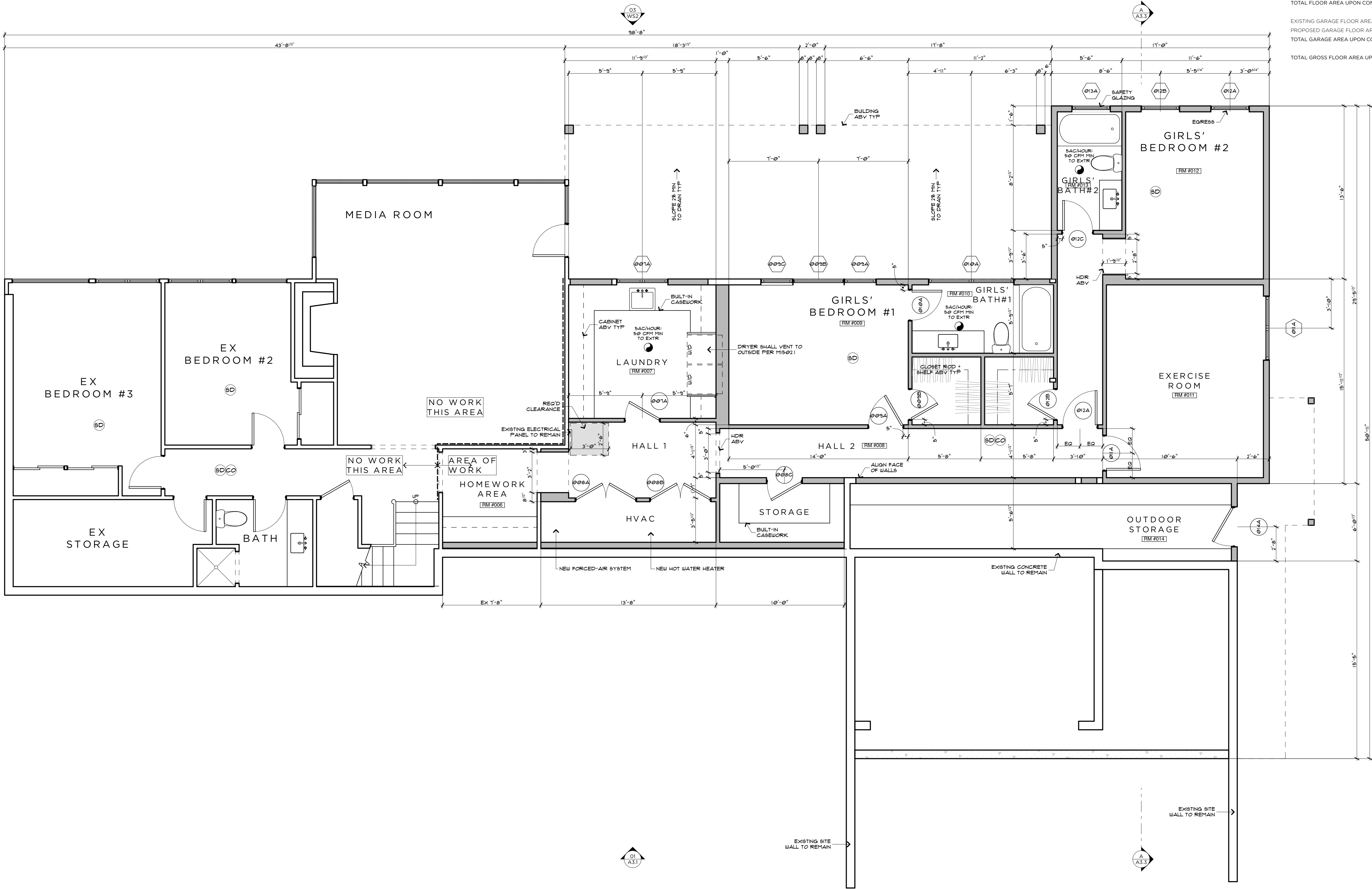
BASEMENT FLOOR
PLAN

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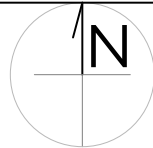
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AUTHORED: 01/24/25



BASEMENT PLAN

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



FLOOR AREAS:

LOT AREA:	16,678 FT ²
MAXIMUM ALLOWABLE GFA (R-15, 12,000 or 40%):	(40%) 6,671.20 FT ²
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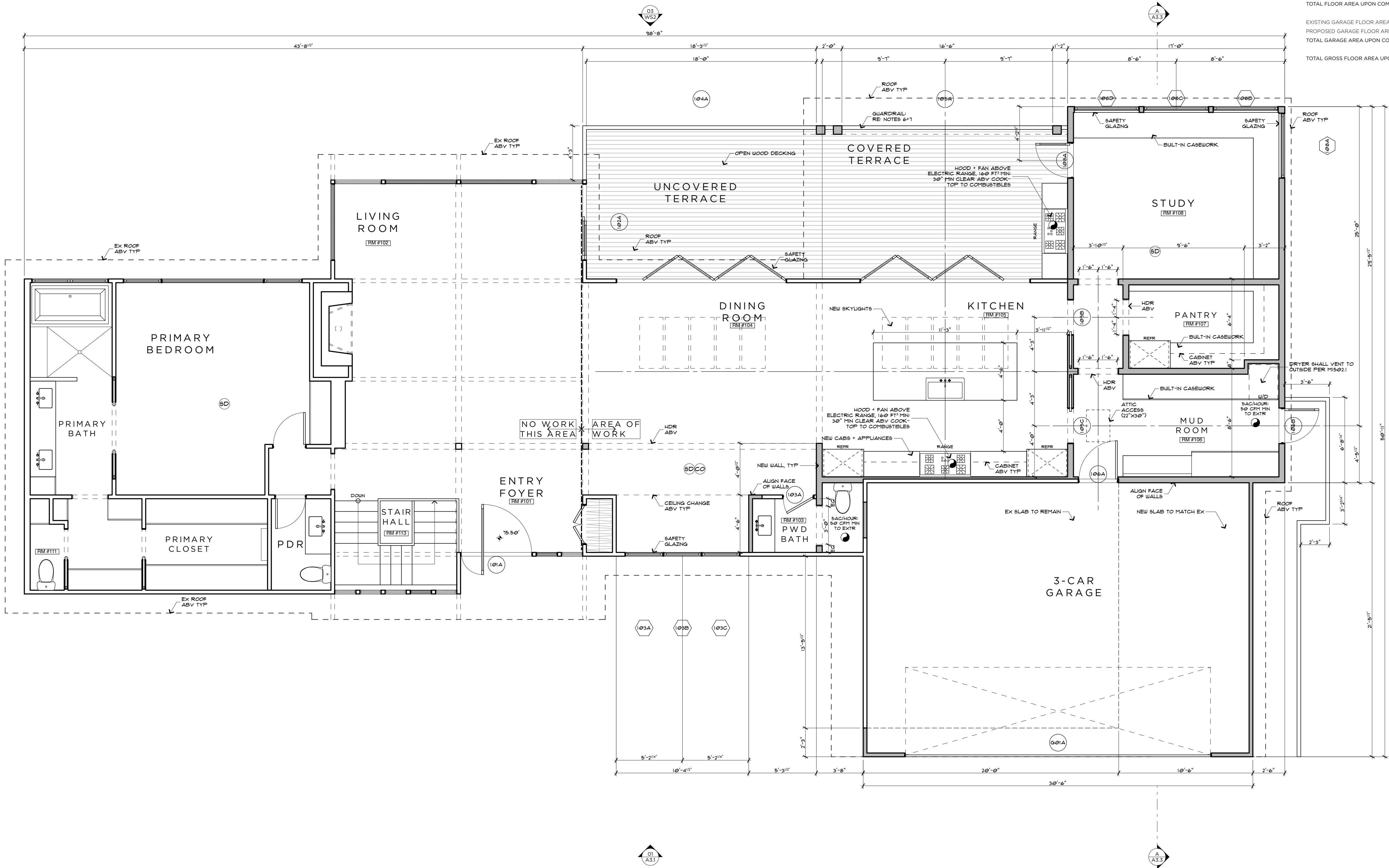
FIRST FLOOR PLAN

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ALPAY
AUTHOR: DIZIEN



FIRST FLOOR PLAN

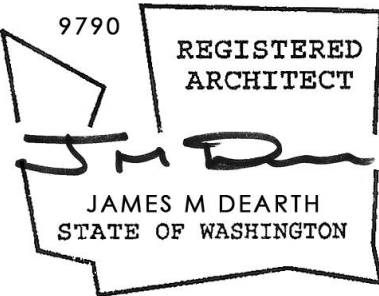
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ROOF PLAN

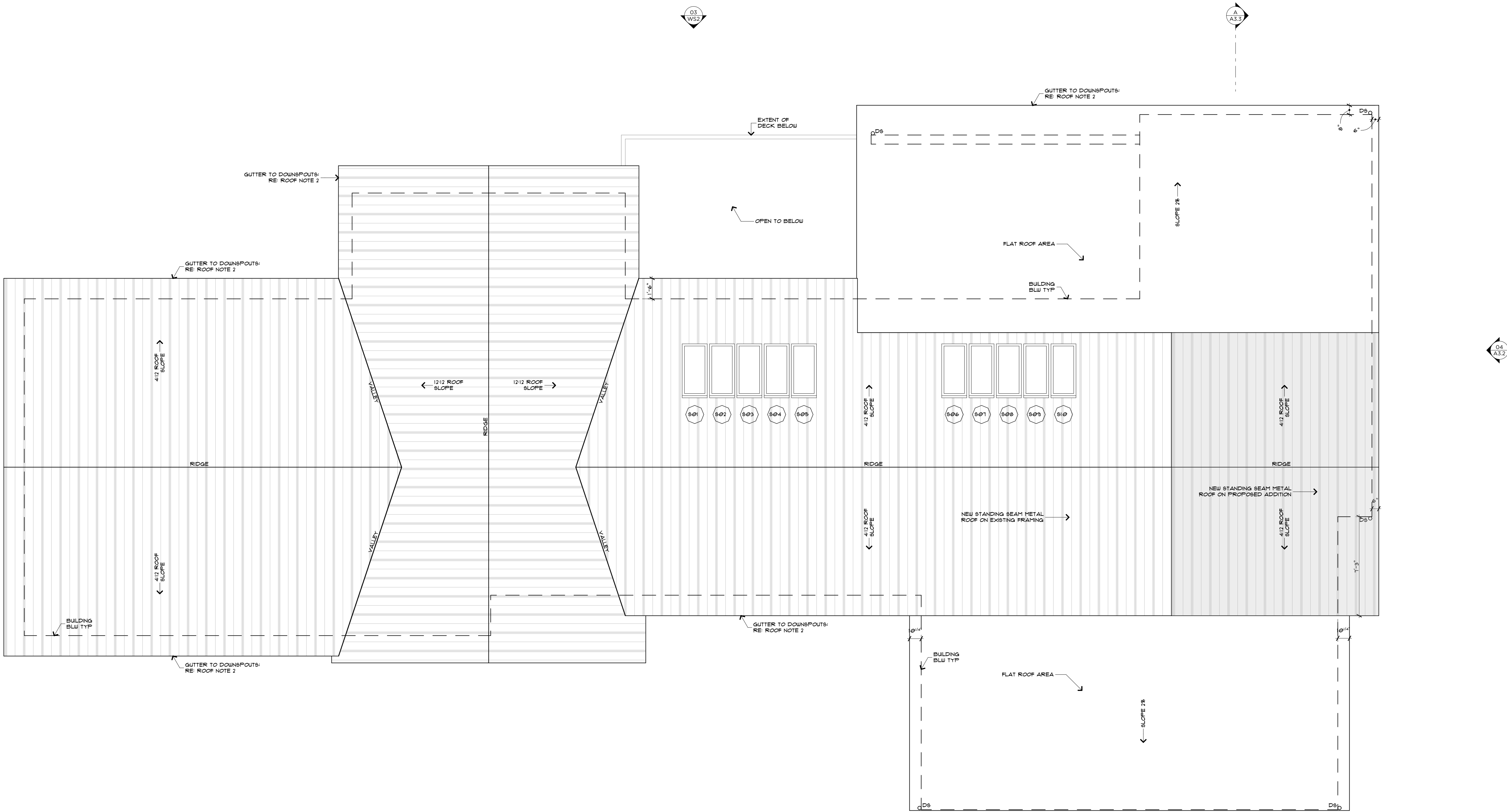
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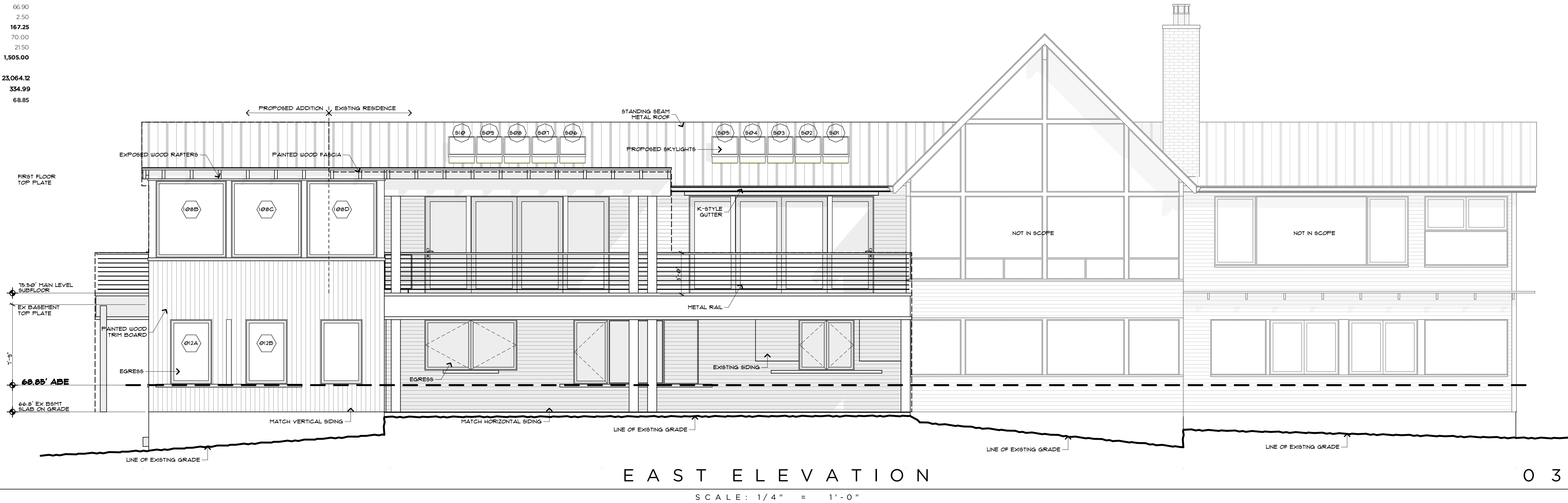


ROOF PLAN

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

AVERAGE
BUILDING
ELEVATION CALCS:

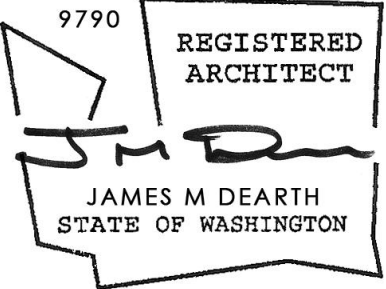
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ELEV "A" x SEGMENT "A"	2,296.65
ELEVATION POINT "B"	73.00
SEGMENT LENGTH "B"	15.71
ELEV "B" x SEGMENT "B"	1,146.83
ELEVATION POINT "C"	74.00
SEGMENT LENGTH "C"	31.33
ELEV "C" x SEGMENT "C"	2,318.42
ELEVATION POINT "D"	75.45
SEGMENT LENGTH "D"	3.00
ELEV "D" x SEGMENT "D"	226.35
ELEVATION POINT "E"	73.60
SEGMENT LENGTH "E"	34.25
ELEV "E" x SEGMENT "E"	2,520.80
ELEVATION POINT "F"	64.10
SEGMENT LENGTH "F"	24.70
ELEV "F" x SEGMENT "F"	1,583.27
ELEVATION POINT "G"	65.20
SEGMENT LENGTH "G"	24.00
ELEV "G" x SEGMENT "G"	1,564.80
ELEVATION POINT "H"	65.50
SEGMENT LENGTH "H"	7.75
ELEV "H" x SEGMENT "H"	507.63
ELEVATION POINT "I"	66.00
SEGMENT LENGTH "I"	20.00
ELEV "I" x SEGMENT "I"	1,320.00
ELEVATION POINT "J"	66.70
SEGMENT LENGTH "J"	7.75
ELEV "J" x SEGMENT "J"	516.93
ELEVATION POINT "K"	66.60
SEGMENT LENGTH "K"	14.50
ELEV "K" x SEGMENT "K"	965.70
ELEVATION POINT "L"	66.30
SEGMENT LENGTH "L"	50.00
ELEV "L" x SEGMENT "L"	3,315.00
ELEVATION POINT "M"	64.50
SEGMENT LENGTH "M"	17.00
ELEV "M" x SEGMENT "M"	1,096.50
ELEVATION POINT "N"	66.00
SEGMENT LENGTH "N"	30.50
ELEV "N" x SEGMENT "N"	2,013.00
ELEVATION POINT "O"	66.90
SEGMENT LENGTH "O"	2.50
ELEV "O" x SEGMENT "O"	167.25
ELEVATION POINT "P"	70.00
SEGMENT LENGTH "P"	21.50
ELEV "P" x SEGMENT "P"	1,505.00
TOTAL OF ELEVATION POINTS x SEGMENT LENGTHS	23,064.12
TOTAL SEGMENT LENGTHS	334.99
AVERAGE GRADE	68.85



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SOUTH + NORTH
BUILDING
ELEVATIONS

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AVERAGE
BUILDING
ELEVATION CALCS:

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SEGMENT LENGTH "F"	24.70
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SEGMENT LENGTH "G"	24.00
ELEV "G" x SEGMENT "G"	1,564.80
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SEGMENT LENGTH "H"	7.75
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ELEVATION POINT "O"	66.90
SEGMENT LENGTH "O"	2.50
ELEV "O" x SEGMENT "O"	167.25
ELEVATION POINT "P"	70.00
SEGMENT LENGTH "P"	21.50
ELEV "P" x SEGMENT "P"	1,505.00

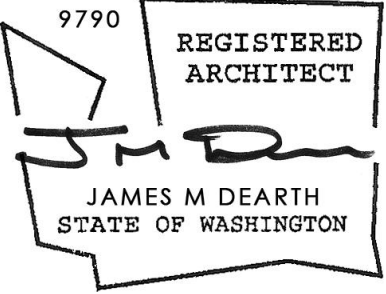
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TOTAL SEGMENT LENGTHS	334.99
AVERAGE GRADE	68.85



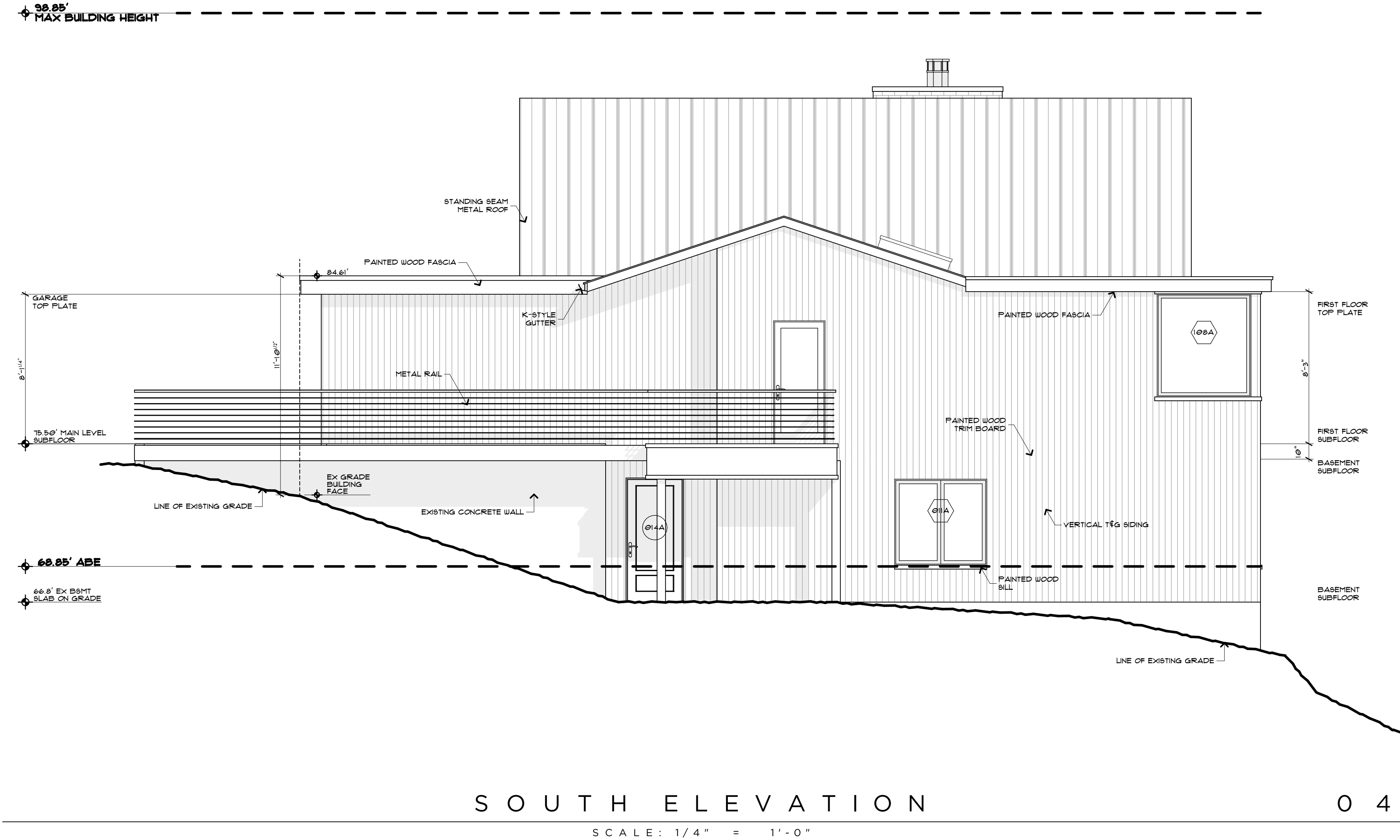
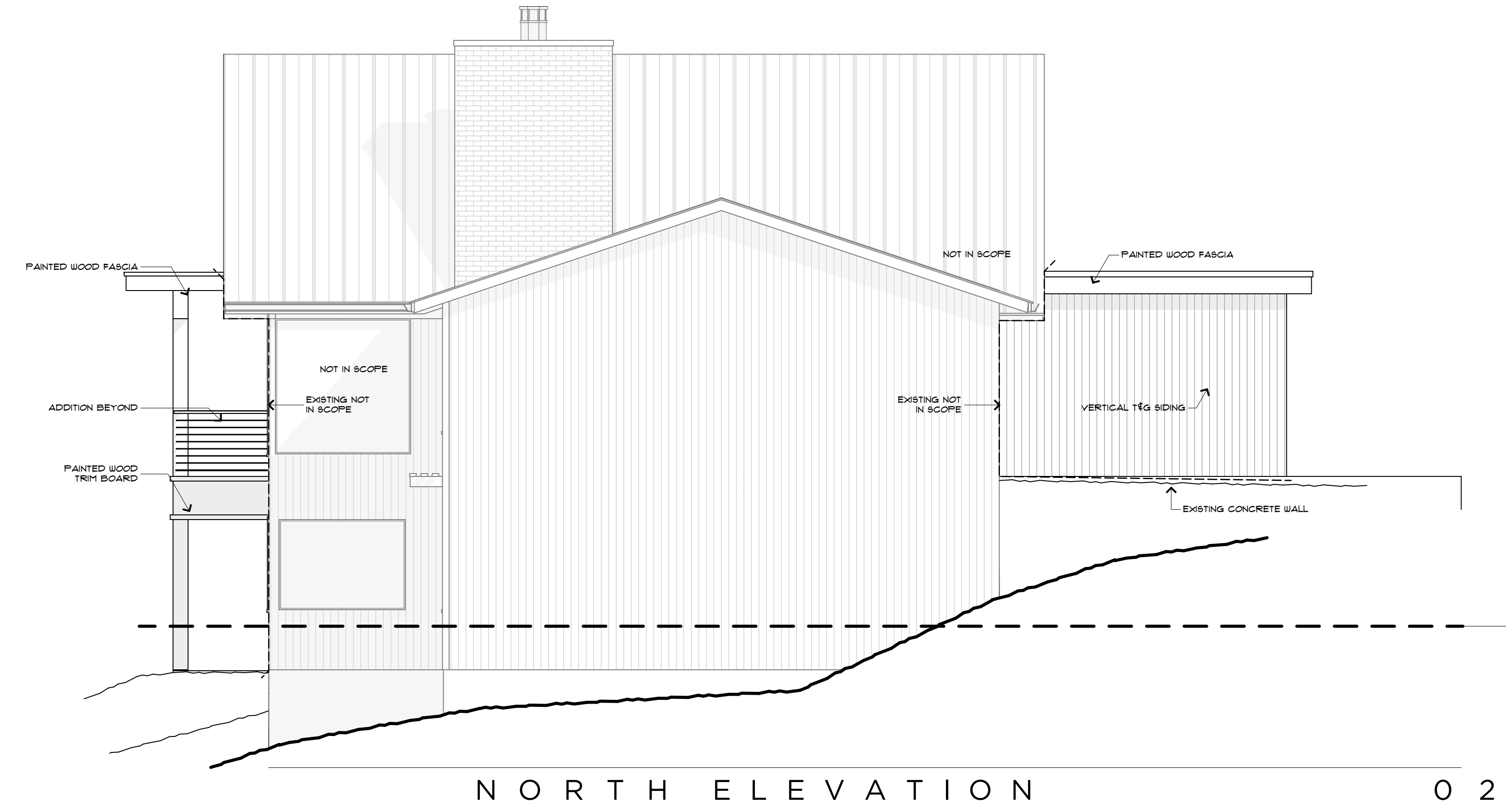
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WEST
BUILDING
ELEVATIONS
NORTH

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23 DECEMBER 2025

SECTION +
ELEVATION NOTES:

1. CHIMNEY SHALL EXTEND A MIN OF 2'-0" ABV ROOF OR PARAPET WITHIN 10'-0" RADIUS OF CHIMNEY. PROVIDE APPROVED SPARK ARRESTOR @ ALL CHIMNEY CAPS. ALL ARCHITECTURAL FEATURES MUST BE PERMITTED BY FLU + SPARK ARRESTOR MFR APPROVAL.
2. OPEN GUARDRAILS SHALL HAVE INTERMEDIATE RAILS OR ORNAMENTAL PATTERN SUCH THAT A 4" SPHERE CANNOT PASS THROUGH.

WINDOW SCHEDULE:

ALL SCHEDULED DIMENSIONS ARE NOMINAL. RE: MFR DOCUMENTATION + HEAD HEIGHT DETAIL, THIS SHEET, FOR ACTUAL DIMENSIONS

WDW #	WIDTH	HEIGHT	HEADER	TYPE	FINISH	GLAZING	WDW COVERING	OPERATION	HARDWARE	NOTES
007A	4'-0"	3'-8"	6'-8"	CASEMENT	PAINTED	NONE	---	---	TBD	
009A	2'-6"	4'-8"	6'-8"	CASEMENT	PAINTED	NONE	---	---	TBD	EGRESS
009B	4'-0"	4'-8"	6'-8"	FIXED	PAINTED	NONE	---	---	TBD	
009C	2'-6"	4'-8"	6'-8"	CASEMENT	PAINTED	NONE	---	---	TBD	EGRESS
010A	6'-8"	3'-8"	6'-8"	CASEMENT	PAINTED	NONE	---	---	TBD	
011A	5'-0"	4'-8"	6'-8"	CASEMENT	PAINTED	NONE	---	---	TBD	
012A	3'-0"	4'-8"	6'-8"	CASEMENT	PAINTED	NONE	---	---	TBD	EGRESS
012B	3'-0"	4'-8"	6'-8"	CASEMENT	PAINTED	NONE	---	---	TBD	EGRESS
013A	3'-0"	4'-8"	6'-8"	FIXED	PAINTED	NONE	---	---	TBD	
103A	3'-0"	7'-0"	7'-0"	FIXED	PAINTED	NONE	---	---	TBD	
103B	3'-0"	7'-0"	7'-0"	FIXED	PAINTED	NONE	---	---	TBD	
103C	3'-0"	7'-0"	7'-0"	FIXED	PAINTED	NONE	---	---	TBD	
108A	5'-1"	5'-7"	8'-11/2"	FIXED	PAINTED	NONE	---	---	TBD	
108B	5'-1"	5'-7"	8'-11/2"	FIXED	PAINTED	NONE	---	---	TBD	
108C	5'-1"	5'-7"	8'-11/2"	FIXED	PAINTED	NONE	---	---	TBD	
108D	5'-1"	5'-7"	8'-11/2"	FIXED	PAINTED	NONE	---	---	TBD	

EXTERIOR DOOR SCHEDULE:

ALL SCHEDULED DIMENSIONS ARE NOMINAL. RE: MFR DOCUMENTATION + HEAD HEIGHT DETAIL, THIS SHEET, FOR ACTUAL DIMENSIONS

DOOR #	WIDTH	HEIGHT	TYPE	DOOR LEAF	MATERIAL	FINISH	GLAZING	HARDWARE	NOTES
014A	3'-0"	6'-8"	SWING	PANEL	WOOD	PAINTED	NONE	TBD	
101A	5'-6"	10'-1"	SWING	PANEL	WOOD	PAINTED	NONE	TBD	
102A	6'-0"	7'-0"	SLIDER	FULL LIGHT	CLAD WOOD	PAINTED	L6E3 366	TBD	
104A	13'-4"	7'-0"	MULTI-SLIDE	FULL LIGHT	CLAD WOOD	PAINTED	L6E3 366	TBD	
105A	13'-4"	7'-0"	MULTI-SLIDE	FULL LIGHT	CLAD WOOD	PAINTED	L6E3 366	TBD	
106B	2'-8"	6'-8"	SWING	PANEL	WOOD	PAINTED	NONE	TBD	
108A	2'-8"	7'-0"	SWING	PANEL	WOOD	PAINTED	NONE	TBD	
G01A	24'-0"	7'-0"	OVERHEAD	PANEL	STEEL	PAINTED	NONE	TBD	

SKYLIGHT SCHEDULE:

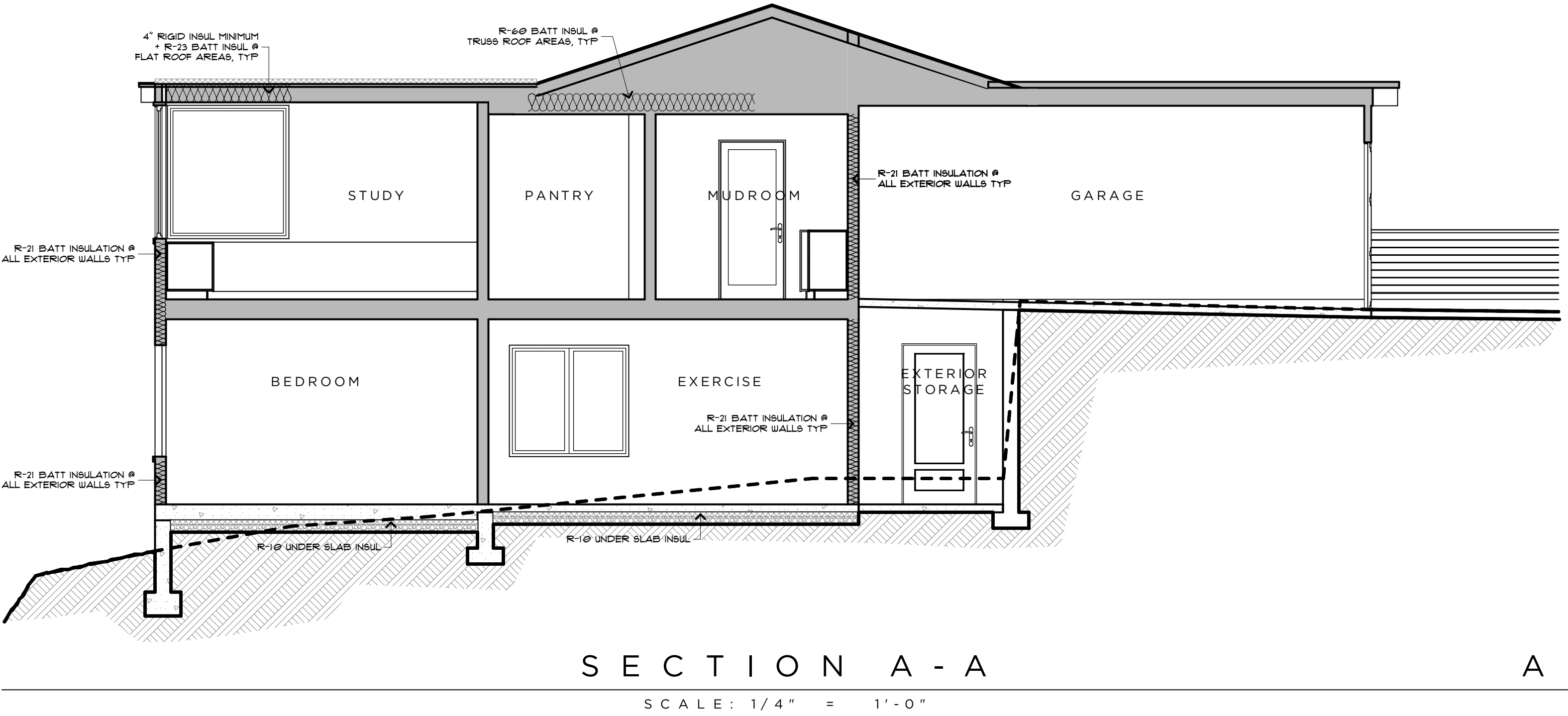
ALL SCHEDULED DIMENSIONS ARE NOMINAL. RE: MFR DOCUMENTATION + HEAD HEIGHT DETAIL, THIS SHEET, FOR ACTUAL DIMENSIONS

WDW #	WIDTH	HEIGHT	TYPE	FINISH	GLAZING	HARDWARE	NOTES
S01	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S02	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S03	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S04	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S05	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S06	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S07	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S08	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S09	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	
S10	1'-10"	4'-0"	FIXED	PAINTED	L6E3 366	TBD	

INTERIOR DOOR SCHEDULE:

ALL SCHEDULED DIMENSIONS ARE NOMINAL. RE: HEAD HEIGHT DETAIL, THIS SHEET, FOR ACTUAL DIMENSIONS

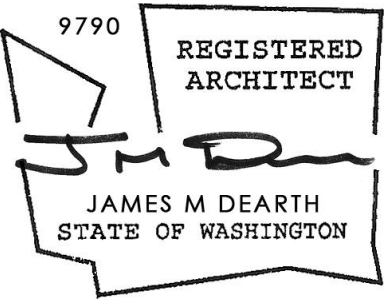
DOOR #	WIDTH	HEIGHT	TYPE	DOOR LEAF	MATERIAL	FINISH	HARDWARE	LATCHING	NOTES
007A	2'-8"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
008A	4'-8"	7'-0"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
008B	4'-8"	7'-0"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
008C	2'-8"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
009A	2'-8"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
009B	2'-4"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
010A	2'-4"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
011A	2'-8"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
012A	2'-8"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
012B	2'-4"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
012C	2'-4"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
103A	2'-4"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
105B	2'-8"	8'-0"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
105C	2'-8"	8'-0"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	
106A	3'-0"	6'-8"	SWING	PANEL	WOOD	PAINTED	TBD	PASSAGE	



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BUILDING
SECTIONS A - A + B -
B

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RELEASE

PERMIT RESPONSE
9 DECEMBER 2025
CAR-2 PERMIT SUBMITTAL
23 DECEMBER 2025

The Following Apply Unless Noted Otherwise on the Drawings

1. CHOOSE ONE
 - 1.1. ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE 2021 SEATTLE BUILDING CODE.
 - 1.2. ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE 2021 INTERNATIONAL BUILDING CODE.
 - 1.3. ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, THE SEATTLE BUILDING CODE (2009 EDITION). THIS STRUCTURE DOES NOT CONFORM TO PRESENT EARTHQUAKE CODE REQUIREMENTS. IT HAS BEEN ANALYZED AND REINFORCED FOR MINIMUM MAINTENANCE IN ACCORDANCE WITH CHAPTER 34 OF SEATTLE DEPARTMENT OF PLANNING AND DEVELOPMENT AMENDMENTS TO THE INTERNATIONAL BUILDING CODE AND IS WITHIN THE CURRENT PRACTICE FOR THE RENOVATION OF EXISTING BUILDINGS OF THIS AGE AND TYPE OF CONSTRUCTION.
2. DESIGN LOAD CRITERIA

FLOOR LIVE LOAD (PARKING)	40 PSF
FLOOR CONCENTRATED LOAD (PARKING)	3000 LBS
FLOOR LIVE LOAD (RESIDENTIAL)	40 PSF
FLOOR LIVE LOAD (RESIDENTIAL DECKS)	60 PSF
GUARDRAILS/BALCONY RAILS CONCENTRATED LOAD	200 LBS
SNOW	Pf=25 PSF
WIND	Iw=1.0, GCpi=0.18, 98 MPH (ULTIMATE), EXPOSURE "c", KZT=1.0
- EARTHQUAKE ANALYSIS PROCEDURE:

	EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL SYSTEM:	LIGHT FRAMED SHEAR WALLS
BASE SHEAR (ALLOWABLE)	V=9.5 KIPS
SITE CRITERIA	SITE CLASS=D, Ss=1.44, Sds=0.96,

1. SPECIAL INSPECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND SECTIONS 110 AND 1704 OF THE INTERNATIONAL BUILDING CODE BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE ARCHITECT, AND RETAINED BY THE BUILDING OWNER, THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING DEPARTMENT. SPECIAL INSPECTION SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION AND TEST RESULTS. SPECIAL INSPECTION IS REQUIRED OF THE FOLLOWING TYPES OF CONSTRUCTION:

STRUCTURAL STEEL FABRICATION AND ERECTION	PER IBC 1705.2
PILE OR PIER FOUNDATIONS	PER IBC TABLE 1705.7
	PER SOILS REPORT
EXPANSION BOLTS AND THREADED EXPANSION INSETS	PER MANUFACTURER
EPOXY GROUTED INSTALLATIONS	PER MANUFACTURER

1. FOUNDATION NOTES: SUBGRADE PREPARATION INCLUDING DRAINAGE, EXCAVATION, COMPACTION, AND FILLING REQUIREMENTS, SHALL CONFORM STRICTLY WITH RECOMMENDATIONS GIVEN IN THE SOILS REPORT OR AS DIRECTED BY THE SOILS ENGINEER. FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH AT LEAST 18" BELOW LOWEST OBSERVED FINISHED GROUND SURFACE. DEPTHS/ELEVATIONS SHOWN ON PLANS (OR DETAILS) ARE MINIMUM AND FOR GUIDANCE ONLY; THE ACTUAL ELEVATIONS OF FOOTINGS MUST BE ESTABLISHED BY THE CONTRACTOR IN THE FIELD WORKING WITH THE TESTING LABORATORY AND SOILS ENGINEER. BACKFILL BEHIND ALL RETAINING WALLS WITH FREE DRAINING GRANULAR FILL AND PROVIDE FOR SUBSURFACE DRAINAGE AS NOTED IN THE SOILS REPORT.

ALLOWABLE SOIL PRESSURE	2000 PSF
LATERAL EARTH PRESSURE (UNRESTRAINED)	40 PCF
PASSIVE EARTH PRESSURE (AT H PILES)	350 PCF
3" PILE CAPACITY (COMPRESSION)	12 Kips
DRIVEN H PILE	20 Kips

SOILS REPORT REFERENCE
2. AUGERCAST PILING INSPECTION BY THE SOILS ENGINEER SHALL BE PERFORMED DURING PLACEMENT. MAXIMUM AUGERCAST PILE ECCENTRICITY SHALL BE 3" laterally, pile length indicated on drawings is estimated. ACTUAL LENGTH SHALL BE DETERMINED IN FIELD BY SOILS ENGINEER. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL ADJACENT UNDERGROUND UTILITIES PRIOR TO DRILLING PILES.
3. 3" PIN PILES SHALL BE DRIVEN TO REFUSAL AS DEFINED BY THE GEOTECHNICAL REPORT. LOAD TESTING SHALL BE CONDUCTED UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER USING THE ASTM D 1143-81 QUICK TEST METHOD. PERFORM A 200% LOAD TEST ON 3% OF PILES (1 MINIMUM, 5 MAXIMUM).

1. DEMOLITION: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. SHORING SHALL BE INSTALLED TO SUPPORT EXISTING CONSTRUCTION AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. LIMIT CONSTRUCTION LOADING (INCLUDING DEMOLITION DEBRIS) ON EXISTING FLOOR SYSTEMS TO 40 PSF.
2. CONTRACTOR SHALL CHECK FOR DRYROT AT ALL AREAS OF NEW WORK. ALL ROT SHALL BE REMOVED AND DAMAGED MEMBERS SHALL BE REPLACED OR REPAIRED AS DIRECTED BY THE STRUCTURAL ENGINEER OR ARCHITECT.

1. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH IBC SECTION 1905, 1906, AND ACI 301. STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS:

<u>TYPE OF CONSTRUCTION</u>		<u>28 DAY STRENGTH (f'_c)</u>
ALL STRUCTURAL CONCRETE		3,000 PSI
NOTE: STRUCTURAL DESIGN OF FOUNDATION IS BASED ON A $f'_c=2,500$ PSI, PER IRC 1705.3.2.3. SPECIAL INSPECTION IS NOT REQUIRED		
2. ALL CONCRETE WITH SURFACES EXPOSED TO WEATHER OR STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260, C494, AND C618. TOTAL AIR CONTENT FOR FROST-RESISTANT CONCRETE SHALL BE IN ACCORDANCE WITH TABLE ACI 318 TABLE 19.3.1.1 MODERATE EXPOSURE.		
3. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, $f_y=60,000$ PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, $f_y=40,000$ PSI. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.		
4. DETAILING OF REINFORCING STEEL (INCLUDING HOOKS AND BENDS) SHALL BE IN ACCORDANCE WITH ACI 315-99 AND 318-14. LAP ALL REINFORCEMENTS IN ACCORDANCE WITH "THE REINFORCING SPLICE AND DEVELOPMENT LENGTH SCHEDULE." PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. 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.		
5. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:		
FOOTINGS AND OTHER UNFORMED SURFACES CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH FORMED SURFACES EXPOSED TO EARTH OR WEATHER (#5 BARS OR SMALLER)	3"	
SLABS AND WALLS (INT. FACE)		1-1/2" GREATER OF BAR DIAMETER PLUS 1/8" OR 3/4"
6. NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3000 PSI MINIMUM).		

1. WHERE EXPANSION BOLTS ARE USED, EITHER OF THE FOLLOWING PRODUCTS ARE ACCEPTABLE.
 - 1.1. EXPANSION BOLTS INTO CONCRETE AND CONCRETE MASONRY UNITS SHALL BE "KWIK BOLT T2" AS MANUFACTURED BY THE HILTI CORP., INSTALLED IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-1917, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. BOLTS INTO CONCRETE MASONRY OR BRICK MASONRY UNITS SHALL BE INTO FULLY GROUDED CELLS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICC REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. SPECIAL INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT INSTALLATION.
 - 1.2. EXPANSION BOLTS INTO CONCRETE AND CONCRETE MASONRY UNITS SHALL BE STRONG-BOLT 2 ANCHORS AS MANUFACTURED BY THE SIMPSON STRONG TIE COMPANY AND INSTALLED IN STRICT CONFORMANCE TO ICC-ES REPORT NUMBER ESR-3037, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. BOLTS INTO CONCRETE MASONRY OR BRICK MASONRY UNITS SHALL BE INTO FULLY GROUDED CELLS. SPECIAL INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT INSTALLATION.
2. WHERE EPOXY-GROUTED ITEMS ARE USED, EITHER OF THE FOLLOWING PRODUCTS ARE ACCEPTABLE.
 - 2.1. EPOXY-GROUTED ITEMS (THREADED RODS OR REINFORCING BAR) SPECIFIED ON THE DRAWINGS SHALL BE INSTALLED USING "SET-3G" HIGH STRENGTH EPOXY AS MANUFACTURED BY THE HILTI CORP. AND INSTALLED IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-2322. SPECIAL INSPECTION OF INSTALLATION IS REQUIRED. RODS SHALL BE ASTM A-36 UNLESS OTHERWISE NOTED.
 - 2.2. EPOXY-GROUTED ITEMS (THREADED RODS OR REINFORCING BAR) SPECIFIED ON THE DRAWINGS SHALL BE INSTALLED USING "SET-3G" HIGH STRENGTH EPOXY AS MANUFACTURED BY THE SIMPSON STRONG TIE COMPANY. INSTALL IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-4057. SPECIAL INSPECTION OF INSTALLATION IS REQUIRED. RODS SHALL BE ASTM A-36 UNLESS OTHERWISE NOTED.

A. STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE BASED ON:
A. EITHER AISC 360 AND SECTION 2205.2 OF THE INTERNATIONAL BUILDING CODE.
B. JULY 7, 2016 AISI CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS, AMENDED AS FOLLOWS.

i) AS NOTED IN THE CONTRACT DOCUMENTS.
ii) BY THE DELETION OF PARAGRAPH 4.4.1.
iii) REVERSE REFERENCE FROM "STRUCTURAL DESIGN DRAWINGS" TO "CONTRACT DOCUMENTS" IN PARAGRAPH 3.1.

2. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

TYPE OF MEMBER	ASTM SPECIFICATION	Fy
WIDE FLANGE SHAPES	A992	50 KSI
OTHER SHAPES, PLATES, AND RODS	A36	36 KSI
OTHER SHAPES AND PLATES (NOTED GRADE 50 ON PLANS)	A572 (GRADE 50)	50 KSI
PIPE COLUMNS	A53 (E OR S, GR.B)	35 KSI
STRUCTURAL TUBING	A500 (GRADE B)	
SQUARE OR RECTANGULAR ROUND		46 KSI 42 KSI
CONNECTION BOLTS (3/4" ROUND, UNLESS SHOWN OTHERWISE)	A325-N	

3. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL CONFORM TO SECTION 10 OF THE AISI CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.

4. ALL A-325N CONNECTION BOLTS NEED ONLY BE TIGHTENED TO A SNUG TIGHT CONDITION, DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL PLIES IN A JOINT ARE IN FIRM CONTACT. THIS MAY BE ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH.

5. ALL WELDS ARE EMBEDDED IN CONCRETE OR GROUT. SHALL BE A307 HEADED BOLTS OR A307 HEADED ROD WITH ASTM A563 HEAVY HEX NUT TACK WELDED ON THE EMBEDDED END.

6. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND A.W.S. STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70 X XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY A.W.S.) SHALL BE USED. ALL COMPLETE JOINT PENETRATION GROOVE WELDS SHALL BE MADE WITH A FILLER MATERIAL THAT HAS A MINIMUM CVN TOUGHNESS OF 20 FT-LBS AT -20 DEGREES F AND 40 FT-LBS AT 70 DEGREES F, AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION.

FRAMING LUMBER SHALL BE KILN DRIED OR MC-19, AND GRADED AND MARKED IN CONFORMANCE WITH W.C.L.B. STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 17. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

JOISTS (2X & 3X MEMBERS)	HEM-FIR NO. 2 MINIMUM BASE VALUE, Fb=850 PSI
BEAMS: (4X MEMBERS)	DOUGLAS FIR-LARCH NO. 2 MINIMUM BASE VALUE, Fb=900 PSI
BEAMS: (INCL. 6X AND LARGER)	DOUGLAS FIR-LARCH NO. 1 MINIMUM BASE VALUE, Fb=1350 PSI
POSTS: (4X MEMBERS)	DOUGLAS FIR-LARCH NO. 2 MINIMUM BASE VALUE, Fc=1350 PSI
(6X AND LARGER)	DOUGLAS FIR-LARCH NO. 1 MINIMUM BASE VALUE, Fc=1000 PSI

STUDS, PLATES & MISC. FRAMING: DOUGLAS FIR-LARCH OR HEM-FIR NO. 2

2. GLUED LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH ASTM AND AITC STANDARDS. EACH MEMBER SHALL BEAR AN A.I.T.C. IDENTIFICATION MARK AND SHALL BE ACCOMPANIED BY AN A.I.T.C. CERTIFICATE OF CONFORMANCE. ALL SIMPLE SPAN BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V4, Fb=2,400 PSI, Fv=265 PSI. ALL CANTILEVERED BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V8, Fb=2,400 PSI, Fv=265 PSI. CAMBER ALL SIMPLE SPAN GLULAM BEAMS TO 3,000' RADII, UNLESS SHOWN OTHERWISE ON THE PLANS.

3. MANUFACTURED LUMBER, PSL, LVL, AND LSL, SHALL BE MANUFACTURED UNDER A PROCESS APPROVED BY THE NATIONAL RESEARCH BOARD. EACH MEMBER SHALL BEAR A PLANT OR STAMPS NOTING THE NAME AND PLANT NUMBER OF THE MANUFACTURER, THE GRADE, THE NATIONAL RESEARCH BOARD NUMBER, AND THE QUALITY CONTROL AGENCY. ALL PSL, LVL, AND LSL LUMBER SHALL BE MANUFACTURED IN ACCORDANCE WITH ICC-ES REPORT ESR-1387 USING DOUGLAS FIR VENEER GLUED WITH A WATERPROOF ADHESIVE MEETING THE REQUIREMENTS OF ASTM D2559 WITH ALL GRAIN PARALLEL WITH THE LENGTH OF THE MEMBER. THE MEMBERS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

PSL (2.0E)	Fb=2900 PSI, E=2000 KSI, Fv=290 PSI
PSL (1.9E)	Fb=2600 PSI, E=1900 KSI, Fv=285 PSI
LSL (1.55E)	Fb=2325 PSI, E=1550 KSI, Fv=310 PSI

DESIGN SHOWN ON PLANS IS BASED ON LUMBER MANUFACTURED BY THE WEYERHAEUSER CORPORATION. ALTERNATE MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER. ALTERNATE JOIST HANGERS AND OTHER HARDWARE MAY BE SUBSTITUTED FOR ITEMS SHOWN PROVIDED THEY HAVE ICC APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. ALL JOIST HANGERS AND OTHER HARDWARE SHALL BE COMPATIBLE IN SIZE WITH MEMBERS PROVIDED.

MANUFACTURED LUMBER PRODUCTS SHALL BE INSTALLED WITH A MOISTURE CONTENT OF 12% OR LESS. THE CONTRACTOR SHALL MAKE PROVISIONS DURING CONSTRUCTION TO PREVENT THE MOISTURE CONTENT OF INSTALLED BEAMS FROM EXCEEDING 12%. EXCESSIVE DEFLECTIONS MAY OCCUR IF MOISTURE CONTENT EXCEEDS THIS VALUE.

4. PREFABRICATED PLYWOOD WEB JOIST DESIGN SHOWN ON PLANS IS BASED ON JOISTS MANUFACTURED BY THE TRUS-JOIST CORPORATION. ALTERNATE PLYWOOD WEB JOIST MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER. ALTERNATE JOIST HANGERS AND OTHER HARDWARE MAY BE SUBSTITUTED FOR ITEMS SHOWN PROVIDED THEY HAVE I.C.B.O. APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. ALL JOIST HANGERS AND OTHER HARDWARE SHALL BE COMPATIBLE IN SIZE WITH PLYWOOD WEB JOIST PROVIDED.

PREFABRICATED CONNECTOR PLATE WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE "NATIONAL DESIGN STANDARD FOR METAL PLATE-CONNECTED WOOD TRUSS CONSTRUCTION, ANSI/TPI 1" BY THE TRUSS PLATE INSTITUTE 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)	5 PSF
BOTTOM CHORD LIVE LOAD	10 PSF

(BOTTOM CHORD LIVE LOAD DOES NOT ACT CONCURRENTLY WITH THE ROOF LIVE LOAD)

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 BE SIGNED AND STAMPED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON. PROVIDE FOR SHAPES, BEARING POINTS, INTERSECTIONS, HIPs, VALLEYS, ETC., SHOWN ON THE DRAWINGS. THE POSITION 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 ALL TRUSS TO TRUSS AND TRUSS TO GIRDER TRUSS CONNECTION DETAILS AND REQUIRED CONNECTION MATERIALS. PROVIDE FOR ALL TEMPORARY AND PERMANENT TRUSS BRACING AND BRIDGING.

6. PLYWOOD SHEATHING SHALL BE GRADE C-D, EXTERIOR GLUE OR STRUCTURAL II, EXTERIOR GLUE IN CONFORMANCE WITH DOC PS 1. ORIENTED STRAND BOARD OF EQUIVALENT THICKNESS, EXPOSURE RATING AND PANEL INDEX MAY BE USED IN LIEU OF PLYWOOD.

A. ROOF SHEATHING SHALL BE 5/8" (NOMINAL) WITH SPAN RATING 40/20.

B. FLOOR SHEATHING SHALL BE 3/4" (NOMINAL) WITH SPAN RATING 48/24.

C. WALL SHEATHING SHALL BE 1/2" (NOMINAL) WITH SPAN RATING 24/0.

D. REFER TO WOOD FRAMING NOTES BELOW FOR TYPICAL NAILING REQUIREMENTS.

7. ALL WOOD IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-TREATED WITH AN APPROVED PRESERVATIVE OR (2) LAYERS OF ASPHALT IMPREGNATED BUILDING PAPER SHALL BE PROVIDED BETWEEN UNTREATED WOOD AND CONCRETE OR MASONRY.

8. PRESSURE TREATED WOOD SHALL BE TREATED PER AWPA STANDARD. PRESSURE TREATED WOOD FOR ABOVE GROUND USE SHALL BE TREATED TO A RETENTION OF 0.25 PCF. WOOD IN CONTINUOUS CONTACT WITH FRESH WATER OR SOIL SHALL BE TREATED TO A RETENTION OF 0.40 PCF. WOOD FOR USE IN PERMANENT FOUNDATIONS SHALL BE TREATED TO A RETENTION OF 0.60 PCF. SODIUM BORATE (SBX) TREATED WOOD SHALL NOT BE USED WHERE EXPOSED TO WEATHER. FASTENERS AND TIMBER CONNECTORS IN DIRECT CONTACT WITH ACQ-A, CBA-A, CA-B, OR SBX TREATED WOOD SHALL BE G185 OR A185 HOT DIPPED OR CONTINUOUS HOT-GALVANIZED PER ASTM A653. FASTENERS AND TIMBER CONNECTORS IN DIRECT CONTACT WITH ACQ-A TREATED WOOD SHALL BE TYPE 304 OR 316 STAINLESS STEEL.

9. TIMBER CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE "STRONG-TIE" BY SIMPSON COMPANY, AS SPECIFIED IN THEIR CATALOG NUMBER C-C-2024. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICC-ES APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

ALL 2X JOISTS SHALL BE CONNECTED TO FLUSH BEAMS WITH "LUS" SERIES JOIST HANGERS. ALL 1X JOISTS SHALL BE CONNECTED TO FLUSH BEAMS WITH "IUS" SERIES JOIST HANGERS. ALL DOUBLE JOIST BEAMS SHALL BE CONNECTED TO FLUSH BEAMS WITH "MIT" SERIES JOIST HANGERS.

WHERE A CONNECTOR STRAPS CONNECT TWO MEMBERS, PLACE ONE-HALF OF THE NAILS OR BOLTS IN EACH MEMBER.

ALL SHIMS SHALL BE SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED.

10. WOOD FASTENERS

A. NAIL SIZES SPECIFIED ON DRAWINGS ARE BASED ON THE FOLLOWING SPECIFICATIONS:

SIZE	LENGTH	DIAMETER
6d	2"	0.113"
8d	2-1/2"	0.131"
10d	3"	0.148"
12d	3-1/4"	0.148"
16d BOX	3-1/2"	0.135"

IF CONTRACTOR PROPOSES THE USE OF ALTERNATE NAILS, THEY SHALL SUBMIT NAIL SPECIFICATIONS TO THE STRUCTURAL ENGINEER (PRIOR TO CONSTRUCTION) FOR REVIEW AND APPROVAL.

NAILS - PLYWOOD (APA RATED SHEATHING) FASTENERS TO FRAMING SHALL BE DRIVEN FLUSH TO FACE OF SHEATHING WITH NO COUNTERSINKING PERMITTED.

B. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG BOLTS BEARING ON WOOD. INSTALLATION OF LAG BOLTS SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (2021 EDITION) WITH A LEAD BORE HOLE OF 60 TO 70 PERCENT OF THE SHANK DIAMETER. LEAD HOLES ARE NOT REQUIRED FOR 3/8" AND SMALLER LAG SCREWS.

11. WOOD FRAMING NOTES--THE FOLLOWING APPLY AT AREAS OF NEW CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS:

A. ALL WOOD FRAMING DETAILS NOT SHOWN OTHERWISE SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE INTERNATIONAL BUILDING CODE. MINIMUM NAILING, UNLESS OTHERWISE NOTED, SHALL CONFORM TO TABLE 2304.10.2. COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.

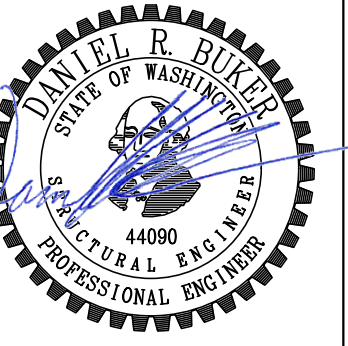
B. WALL FRAMING: REFER ARCHITECTURAL DRAWINGS FOR THE SIZE OF ALL WALLS. ALL STUDS SHALL BE SPACED AT 16" O.C. UNO. TWO STUDS MINIMUM SHALL BE PROVIDED AT THE END OF ALL WALLS AND AT EACH SIDE OF ALL OPENINGS, AND AT BEAM OR HEADER BEARING LOCATIONS. TWO 2x8 HEADERS SHALL BE PROVIDED OVER ALL OPENINGS NOT OTHERWISE NOTED. SOLID BLOCKING FOR WOOD COLUMNS SHALL BE PROVIDED THROUGH FLOORS TO SUPPORTS BELOW. PROVIDE CONTINUOUS SOLID BLOCKING AT ALL WALLS AND STUDS. ALL STUDS SHALL BE 2" X 8" UNO. ALL HEADERS AND ALL WALLS SHALL HAVE A SINGLE BOTTOM PLATE AND A DOUBLE TOP PLATE. END NAIL TOP PLATE TO EACH STUD WITH TWO 16d NAILS, AND TOENAIL OR END NAIL EACH STUD TO BOTTOM PLATE WITH TWO 16d NAILS. FACE NAIL DOUBLE TOP PLATE WITH 16d @ 12" O.C. AND LAP MINIMUM 4'-0" AT JOINTS AND PROVIDE EIGHT 16d NAILS @ 4" O.C. EACH SIDE JOINT.

ALL STUD WALLS SHALL HAVE THEIR LOWER WOOD WALLS ATTACHED TO WOOD FRAMING BELOW WITH TWO ROWS OF 16d NAILS @ 12" ON-CENTER, OR ATTACHED TO CONCRETE BELOW WITH 5/8" DIAMETER ANCHOR BOLTS @ 4'-0" ON-CENTER EMBEDDED 7" MINIMUM, UNLESS INDICATED OTHERWISE. INDIVIDUAL MEMBERS OF BUILT-UP POSTS SHALL BE NAILED TO EACH OTHER WITH TWO ROWS OF 16d @ 12" ON-CENTER. UNLESS OTHERWISE NOTED, GYPSUM WALLBOARD SHALL BE FASTENED TO THE INTERIOR SURFACE OF ALL STUDS AND PLATES WITH NO. 6 x 1-1/4" TYPE S OR W SCREWS @ 8" ON-CENTER. UNLESS INDICATED OTHERWISE, 1/2" (NOMINAL) APA RATED SHEATHING (SPAN RATING 24/0) SHALL BE NAILED TO ALL EXTERIOR SURFACES WITH 8d NAILS @ 6" ON-CENTER AT PANEL EDGES AND TOP AND BOTTOM PLATES (BLOCK UN-SUPPORTED EDGES) AND TO ALL INTERMEDIATE STUDS AND BLOCKING WITH 8d NAILS @ 12" ON-CENTER ALONG 1/8" SPACING AT ALL PANEL EDGES AND PANEL ENDS.

C. 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 UNLESS OTHERWISE NOTED. PROVIDE 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 TWO ROWS 16d @ 12" ON-CENTER.

UNLESS OTHERWISE NOTED ON THE PLANS, PLYWOOD ROOF AND FLOOR SHEATHING SHALL BE LAID UP WITH GRAIN PERPENDICULAR TO SUPPORTS AND NAILED AT 6" ON-CENTER WITH 8d NAILS TO FRAMED PANEL EDGES, STRUTS AND OVER STUD WALLS AS SHOWN ON PLANS AND @ 12" ON-CENTER TO INTERMEDIATE SUPPORTS. PROVIDE APPROVED PLYWOOD EDGE CLIPS CENTERED BETWEEN JOISTS/TRUSSES AT UNBLOCKED ROOF SHEATHING EDGES. ALL FLOOR SHEATHING EDGES SHALL HAVE APPROVED T&G JOINTS OR SHALL BE SUPPORTED WITH SOLID BLOCKING. ALLOW 1/8" SPACING AT ALL PANEL EDGES AND ENDS OF FLOOR AND ROOF SHEATHING. TOENAIL BLOCKING TO SUPPORTS WITH 16d @ 12" ON-CENTER UNLESS OTHERWISE NOTED.





Alpay Residence

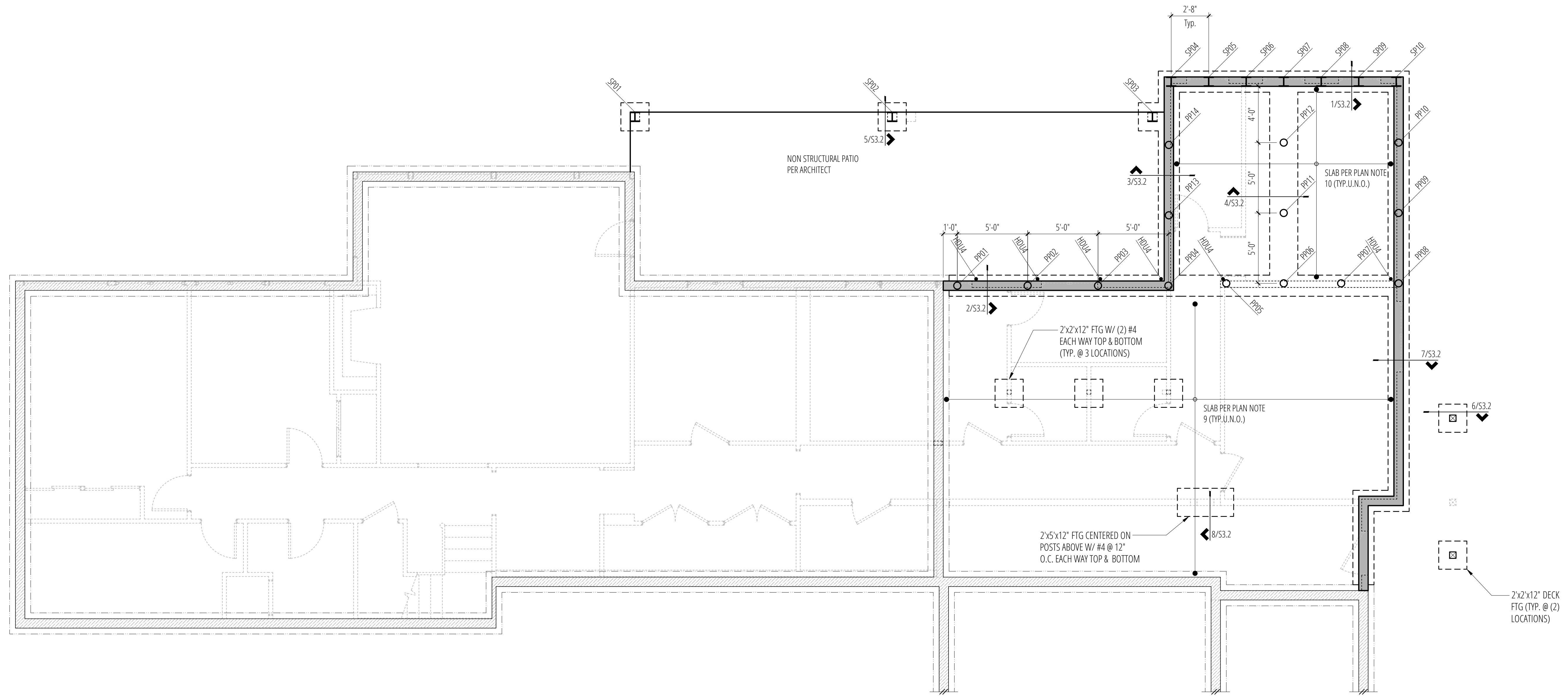
5419 96th Ave SE
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FOUNDATION PLAN

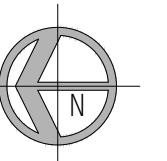
Sheet No.

52.0



Foundation Plan

SCALE: $\frac{1}{4}"=1'-0"$



PLAN NOTES

1. REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS (§1.1).
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS UNLESS SPECIFICALLY NOTED ON STRUCTURAL PLANS.
3. ALL NEW FOOTINGS NOT SUPPORTED BY PILES SHALL BEAR ON FIRM, NATIVE SOIL.
4. PROVIDE DRAINAGE BEHIND ALL FOUNDATION WALLS.
5. REINFORCE FOOTING AND WALL CORNERS AND INTERSECTIONS PER 11/53.1.
6. "HDUX" REFERS TO HOLDDOWNS PER 9/53.1.
7. REFER 4/53.1 WHERE PILES PENETRATE FOUNDATION.
8. CONTRACTOR TO VERIFY TOP OF FOOTING ELEVATION w/ ARCHITECTURAL PLANS.
9. 4" CONCRETE SLAB ON GRADE REINFORCED WITH #3 @ 12" OC EACH WAY, CENTERED IN SLAB. PROVIDE A BASE OF 4" COMPACTED, CLEAN ¾" MINUS GRAVEL COVERED WITH 6 MIL. VAPOR BARRIER. PROVIDE JOINTS PER 7/53.1.

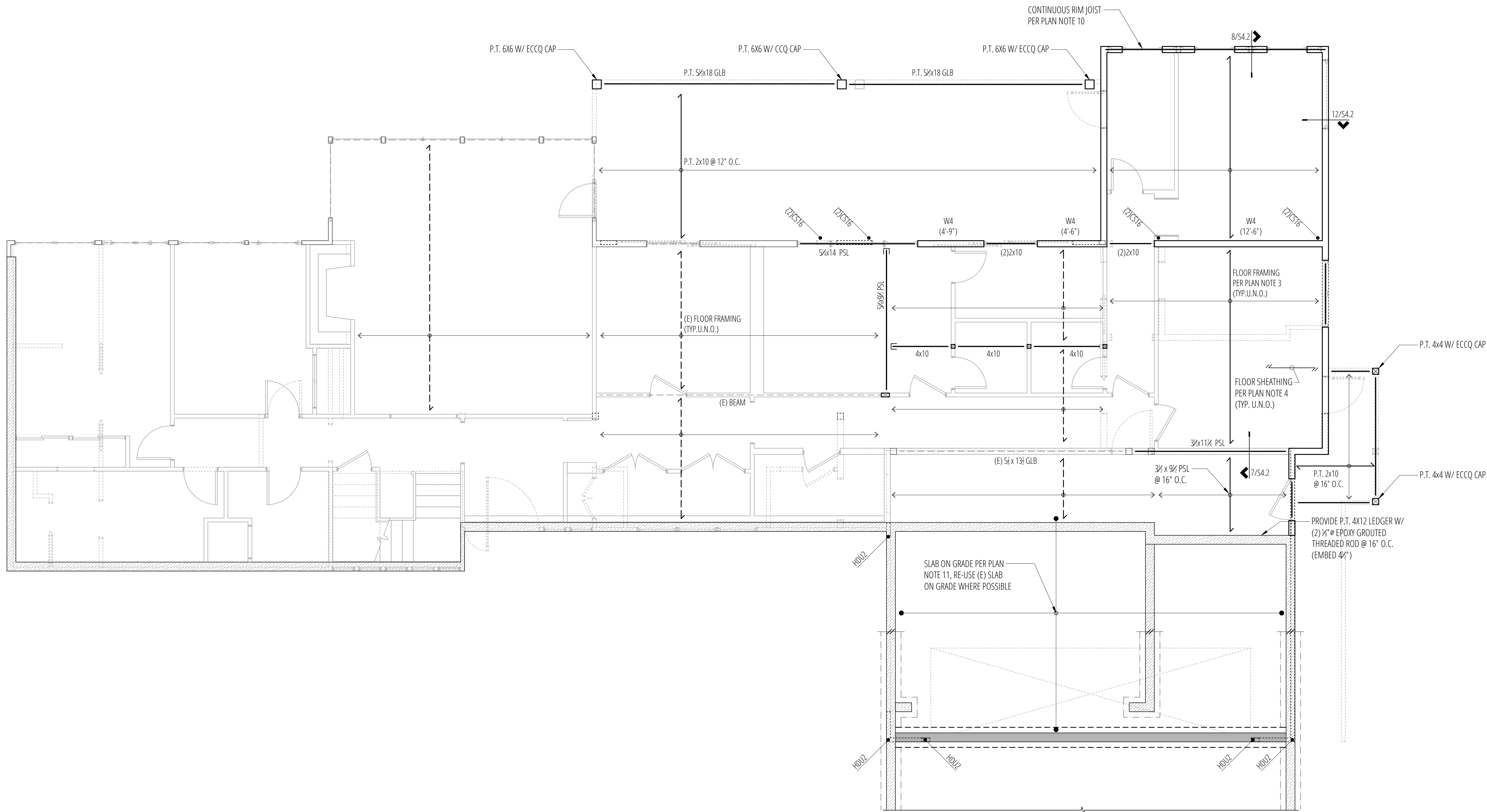
10. 8" CONCRETE SLAB ON GRADE REINFORCED WITH #4 @ 6" OC EACH WAY, TOP & BOTTOM. FILL ANY VOID BETWEEN EXISTING GRADE AND BOTTOM OF SLAB WITH GEOFOAM. PROVIDE A BASE OF 4" COMPACTED, CLEAN ¾" MINUS GRAVEL COVERED WITH 6 MIL. VAPOR BARRIER. FLOOR SHEATHING SHALL BE ¾" T&G PLYWOOD SHEATHING WITH 48/24 SPAN.

PILE SCHEDULE		
PLAN ID	SHAPE	MINIMUM EMBEDMENT
PP1 - PP14	3" Ø STD PIPE	SEE NOTE 1
SP1 - PP10	W8x31	17'-0"

1. PIPE PILES SHALL BE DRIVEN TO REFUSAL & INSPECTED PER GENERAL NOTES
2. PILES SHALL BE CAPPED w/ MIN. ¼ STL. PL & EMBED 3" MIN - 6" MAX IN CONCRETE FOUNDATIONS
3. EXTENT OF PIPE PILE SUPPORT IS APPROXIMATE & SHALL BE VERIFIED BY GEOTECHNICAL ENGINEER IN FIELD. IF ADDITIONAL/LESS PILES ARE REQ'D, COORDINATE REVISIONS w/ ENGINEER OF RECORD.

LEGEND

	(N) CONCRETE WALL ABOVE THIS LEVEL		(E) SPAN DIRECTION
	(E) CONCRETE WALL ABOVE THIS LEVEL		SPAN DIRECTION
	(N) CONCRETE FOOTING		EXTENT OF SPAN
	(E) CONCRETE FOOTING		JOIST or BEAM
	STRUCTURAL WOOD WALL or POST BELOW THIS LEVEL		(E) JOIST or BEAM
	(E) STRUCTURAL WOOD WALL or POST BELOW THIS LEVEL		HOLDOWN
	STRUCTURAL WOOD WALL or POST ABOVE THIS LEVEL		



Main Floor Framing Plan

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

PLAN NOTES

- REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS (S1.1)
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS UNLESS SPECIFICALLY NOTED ON STRUCTURAL PLANS.
- NEW FLOOR FRAMING WHERE INDICATED TO BE 11 1/2" TJI 210 @ 16" O.C. (U.N.O.).
- NEW FLOOR SHEATHING SHALL BE 2" T&G PLYWOOD SHEATHING WITH 48/24 SPAN RATING. NAIL FRAMED PANEL EDGES W/ 8d COMMON (0.131" DIA. x 2 1/2") @ 6" O.C., FIELD @ 12" O.C. (REFER TO 9/S4.1)
- "W#" REFERS TO SHEARWALL TYPE PER 3/S4.1 & 7/S4.1. ALL OTHER NON-DESIGNATED EXTERIOR WALLS SHALL BE SHEARWALL TYPE W6 WHERE INDICATED. "(x-x)" REFERS TO MINIMUM SHEARWALL LENGTH. COORDINATE ACTUAL LENGTH WITH ARCHITECTURAL.
- "MSTC66/CMST" & "CS16" REFER TO HOLDDOWNS PER 3/S4.2 & 4/S4.2 RESPECTIVELY.
- PROVIDE TOP PLATE SPLICES PER 5/S4.1
- REFER TO 11/S4.1 AT SHEARWALL INTERSECTIONS.
- ALL NEW HEADERS NOT NOTED OTHERWISE ON PLAN SHALL BE (2) 2x10. (REFER TO 6/S4.1)
- AT NEW EXTERIOR WALLS, PROVIDE CONTINUOUS 1 1/2" x 11 1/2" LSL STRUCTURAL RIM JOIST, UNLESS NOTED OTHERWISE. RIM JOISTS OVER OPENINGS SHALL BE CONTINUOUS W/ NO SPLICES. REFER TO 8/S4.2 & 12/S4.2.
- 4" CONCRETE SLAB ON GRADE REINFORCED WITH #3 @ 12" OC EACH WAY, CENTERED IN SLAB. PROVIDE A BASE OF 4" COMPACTED, CLEAN 3/4" MINUS GRAVEL COVERED WITH 6 MIL. VAPOR BARRIER. PROVIDE JOINTS PER 7/S3.1.
- CONTRACTOR TO VERIFY THAT ALL POSTS HAVE CONTINUOUS BEARING THROUGH TO THE FOUNDATION.
- REFER TO DETAIL 1/S3.1 FOR ALL GUARDRAIL REQUIREMENTS.

LEGEND

- | | | | |
|--|---|--|---|
| | STRUCTURAL WOOD WALL or POST BELOW THIS LEVEL | | JOIST or BEAM |
| | STRUCTURAL WOOD WALL or POST ABOVE THIS LEVEL | | (E) JOIST or BEAM |
| | (E) STRUCTURAL WOOD WALL or POST BELOW THIS LEVEL | | HOLDOWN |
| | (E) SPAN DIRECTION | | STRAP PER PLAN |
| | SPAN DIRECTION | | BLOCK DIAPHR. 2X'S LAID FLAT @ ALL PANEL EDGES. 8D @ 4" OC @ ALL PANEL EDGES & 12" OC IN FIELD. (REFER TO 9/S4.1) |
| | EXTENT OF SPAN | | |
| | (N) CONCRETE WALL ABOVE THIS LEVEL | | |
| | (E) CONCRETE WALL ABOVE THIS LEVEL | | |

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MAIN FLOOR FRAMING PLAN		
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5419 96th Ave SE
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S2.2



1. REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS (S1.1)
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS UNLESS SPECIFICALLY NOTED ON STRUCTURAL PLANS.
3. NEW ROOF FRAMING SHALL BE PRE-MANUFACTURED ROOF TRUSSES @ 24" O.C. (TRUSS DESIGN BY OTHERS).
4. NEW ROOF SHEATHING SHALL BE $\frac{3}{4}$ " CDX PLYWOOD SHEATHING WITH 40/20 SPAN RATING. NAIL FRAMED PANEL EDGES W/ 8d COMMON (0.131" DIA. x 2 1/2") @ 6" O.C., FIELD @ 12" O.C. (REFER TO 9/54.1)
5. "W8" REFERS TO SHEARWALL TYPE PER 3/S4.1 & 7/S4.1. ALL OTHER NON-DESIGNATED EXTERIOR WALLS SHALL BE SHEARWALL TYPE W6. WHERE INDICATED, "1-x" REFERS TO MINIMUM SHEARWALL LENGTH. COORDINATE ACTUAL LENGTH WITH ARCHITECTURAL.
6. ALL HEADERS AT NEW ROOF NOT NOTED OTHERWISE ON PLAN SHALL BE (2) 2x8. (REFER TO DETAIL 6/S4.1)
7. PROVIDE TOP PLATE SPLICES PER 5/S4.1
8. WHERE OVERFRAMING IS INDICATED, OVERFRAME WITH 2x6 @ 24" O.C. w/ 4" MAX SPAN. (REFER TO DETAIL 2/S5.1 FOR CONNECTION OF OVERFRAMING TO PRIMARY ROOF).
9. REFER TO 11/S4.1 AT SHEARWALL INTERSECTIONS.

	STRUCTURAL WOOD WALL or POST BELOW THIS LEVEL		JOIST or BEAM
	STRUCTURAL WOOD WALL or POST ABOVE THIS LEVEL		(E) JOIST or BEAM
	(E) STRUCTURAL WOOD WALL OR POST BELOW THIS LEVEL		HOLD-DOWN
			STRAP PER PLAN
	(E) SPAN DIRECTION		G.T. GIRDER TRUSS
	SPAN DIRECTION		H.T. HIP TRUSS
	EXTENT OF SPAN		OVERFRAMING
	(E) ROOFLINE		
	ROOFLINE		BLOCK DIAPH. 2X'S LAID FLAT @ ALL PANE EDGES. 8D @ 4" OC @ ALL PANEL EDGES & 12" OC IN FIELD. (REFER TO 9/54.)

1

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

2

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

3

Epoxy Dowel Connection at (E) Foundation
SCALE: 3/4"=1'-0"

4

Pipe and Trench Locations
SCALE: 3/4"=1'-0"

Holdown Schedule

Plan Mark	Screws	Anchor Bolt ②	A.B. Embed	Holdown Post ①		Capacity #
HDU2-SDS2.5	(6) SDS ½" x 2 ½"	SSTB16	12 ¾"	(2) 2x4	4x6	2215/3075
HDU4-SDS2.5	(10) SDS ½" x 2 ½"	SB ¾ x 24	18"	4x4	4x6	4565
HDU5-SDS2.5	(14) SDS ½" x 2 ½"	SB ¾ x 24	18"	4x4	4x6	5645
HDU8-SDS2.5	(20) SDS ½" x 2 ½"	SB ¾ x 24	18"	4x4	4x6	6970
HDU11-SDS2.5	(30) SDS ½" x 2 ½"	SB 1 x 30	24"	4x8	6x6	9535 (8315 AT CORNER)
HDU14-SDS2.5	(36) SDS ½" x 2 ½"	SB 1 x 30	24"	N/A	6x6	11470 (8315 AT CORNER)

- ① MINIMUM SIZE OF POST AT END OF WALL UNLESS NOTED OTHERWISE ON FRAMING PLANS.
② "SSTB" & "SB" REFER TO ANCHOR BOLTS BY SIMPSON STRONG-TIE. INSTALL PER MANUFACTURER.
③ AT (E) FOUNDATION, PROVIDE EPOXY GROUTTED THREADED ROD (DIA. PER MAUNFACTURER) EMBED 12"

9

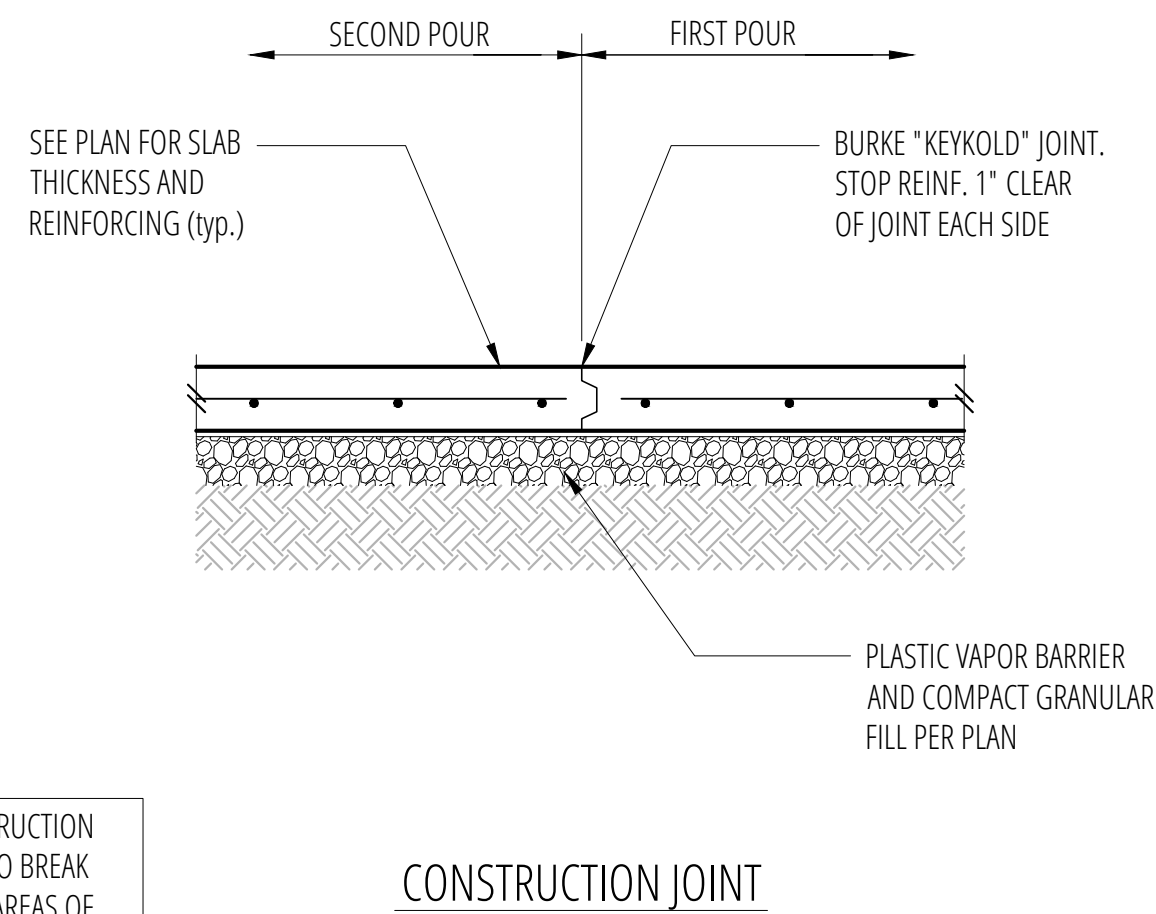
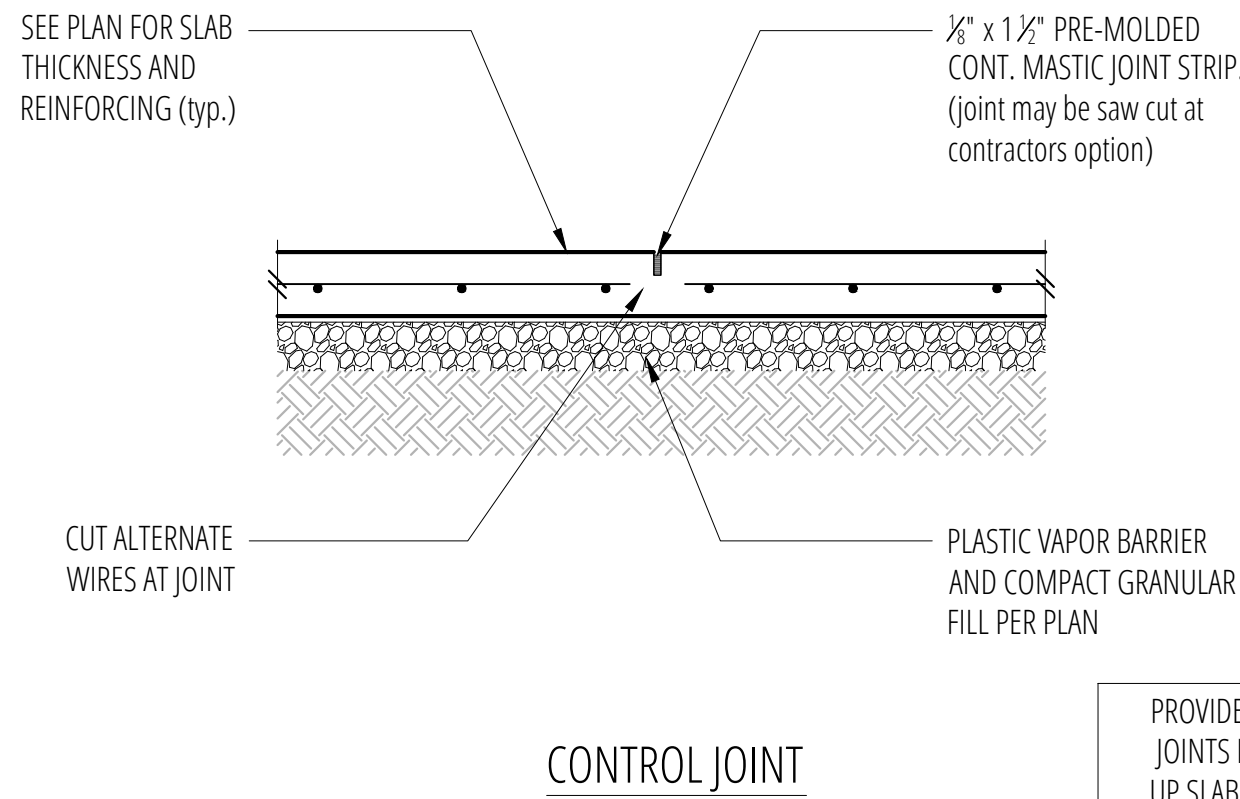
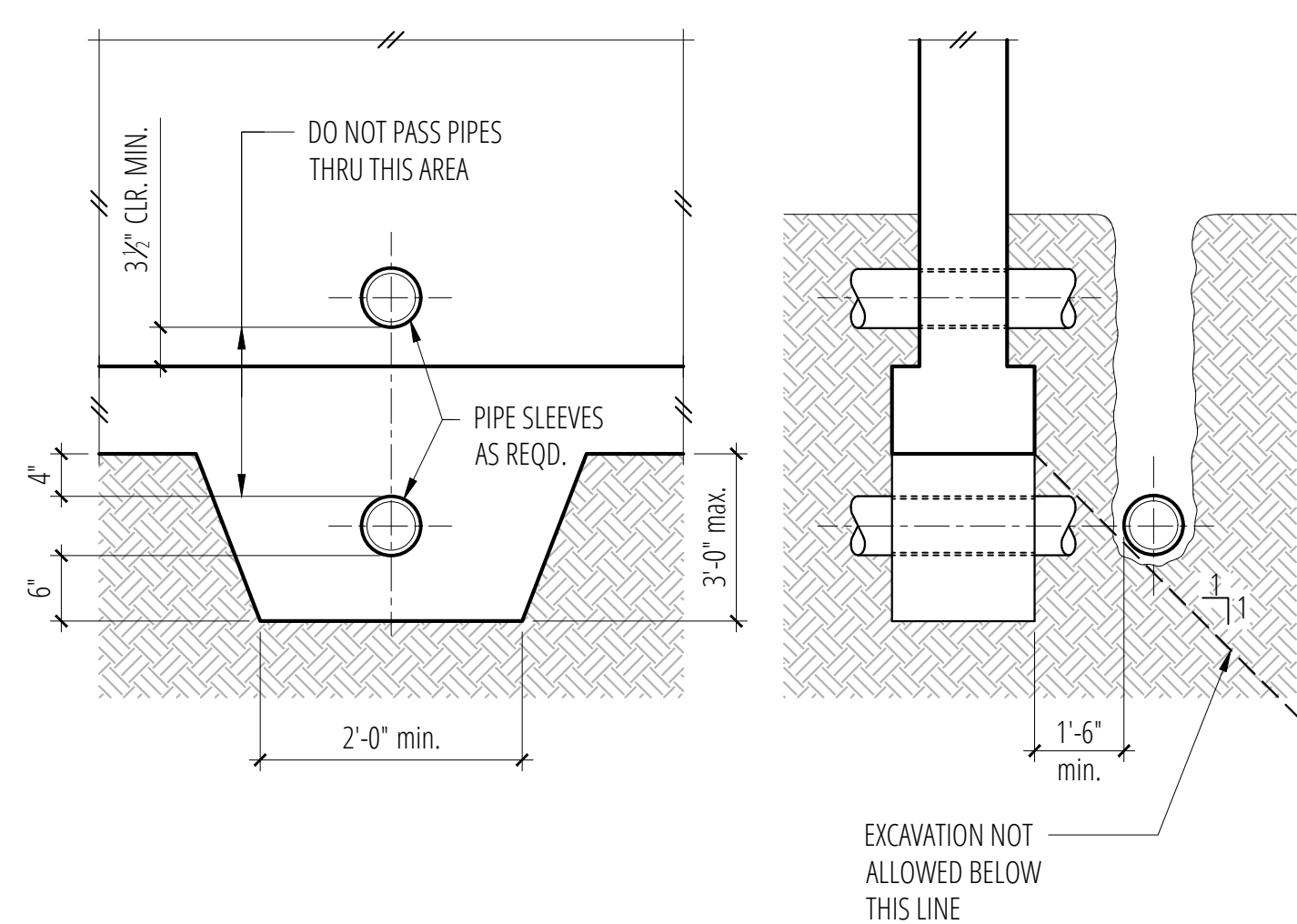
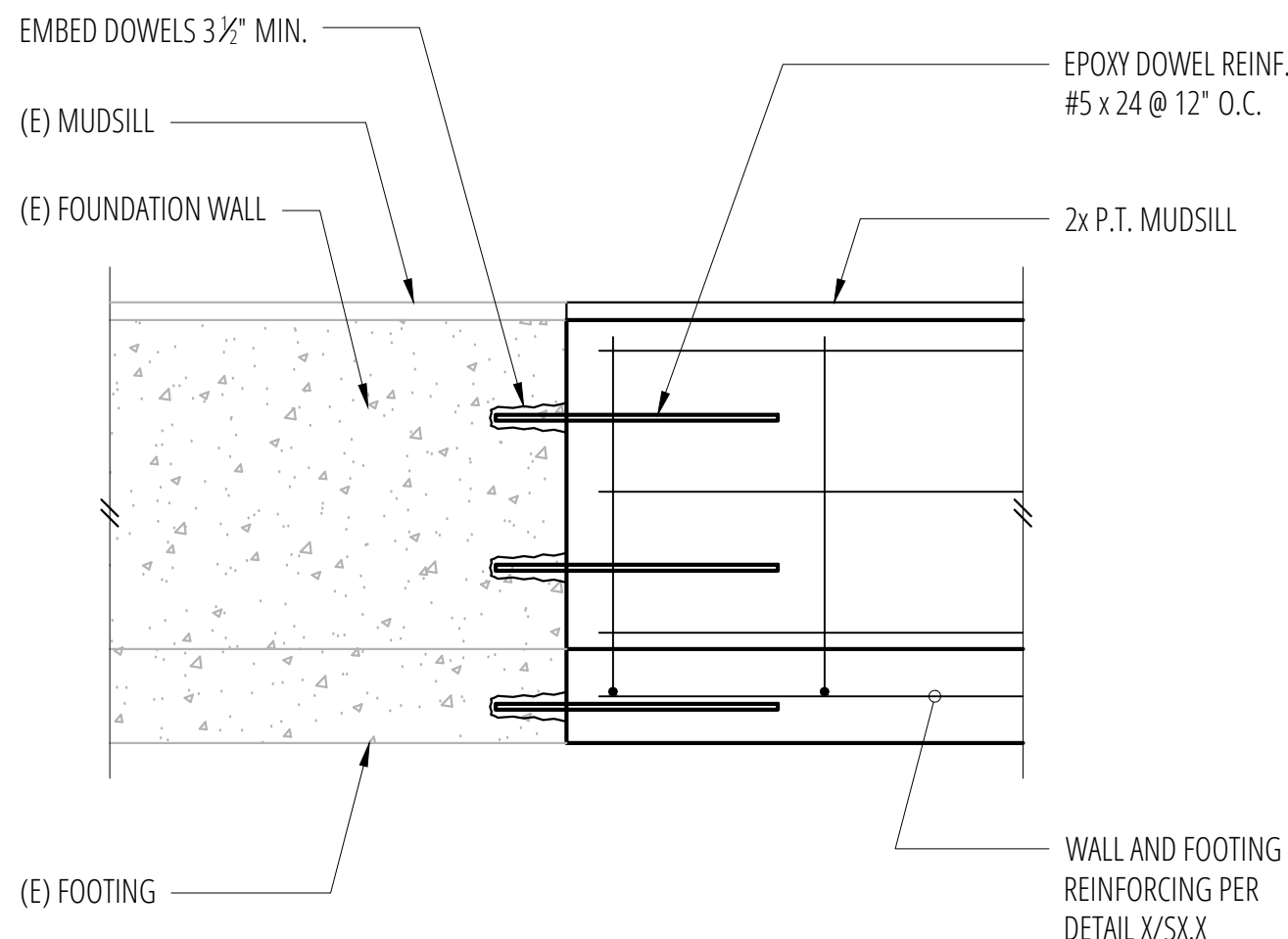
HDU Holdown Schedule
SCALE: 3/4"=1'-0"

10

Lap Splice and Development Schedule
SCALE: 3/4"=1'-0"

11

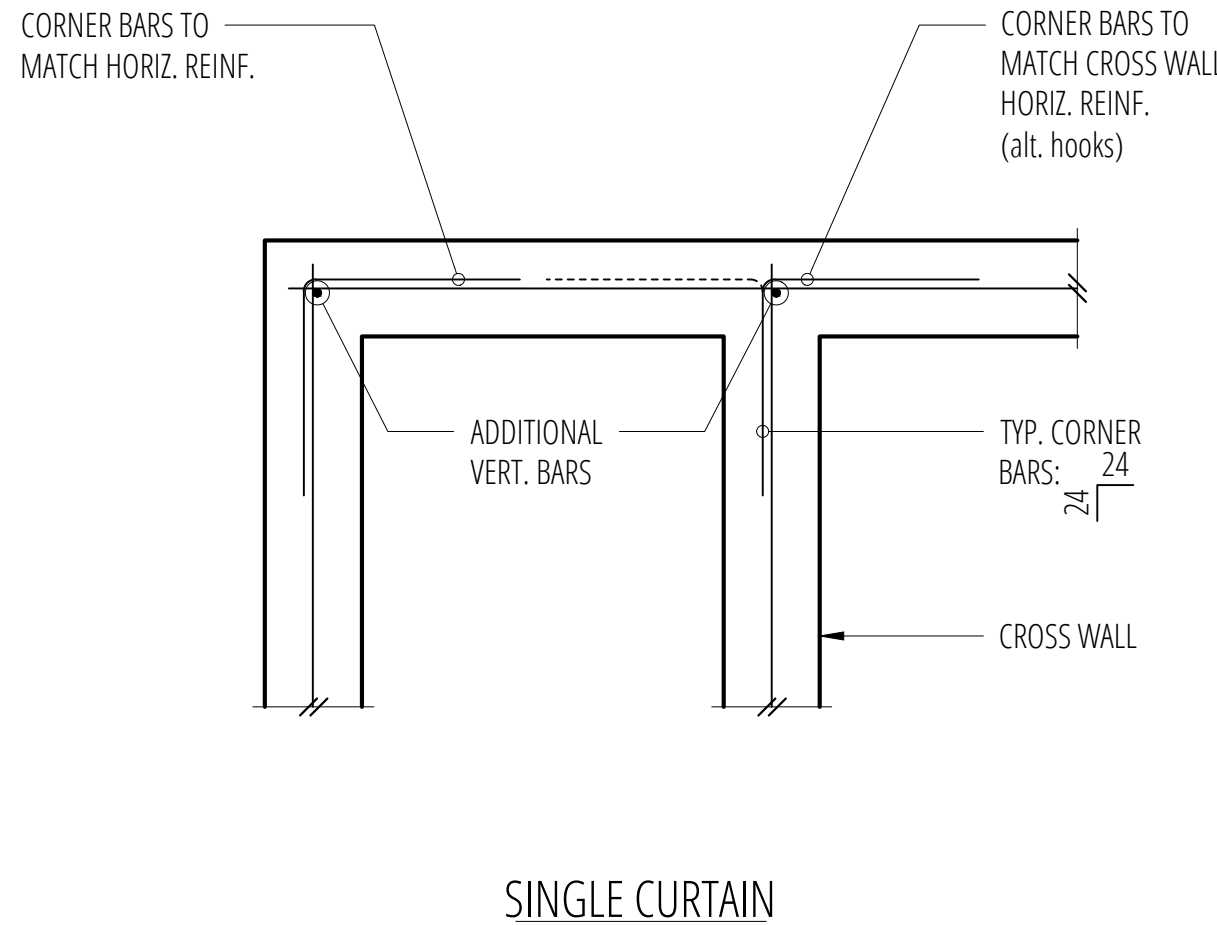
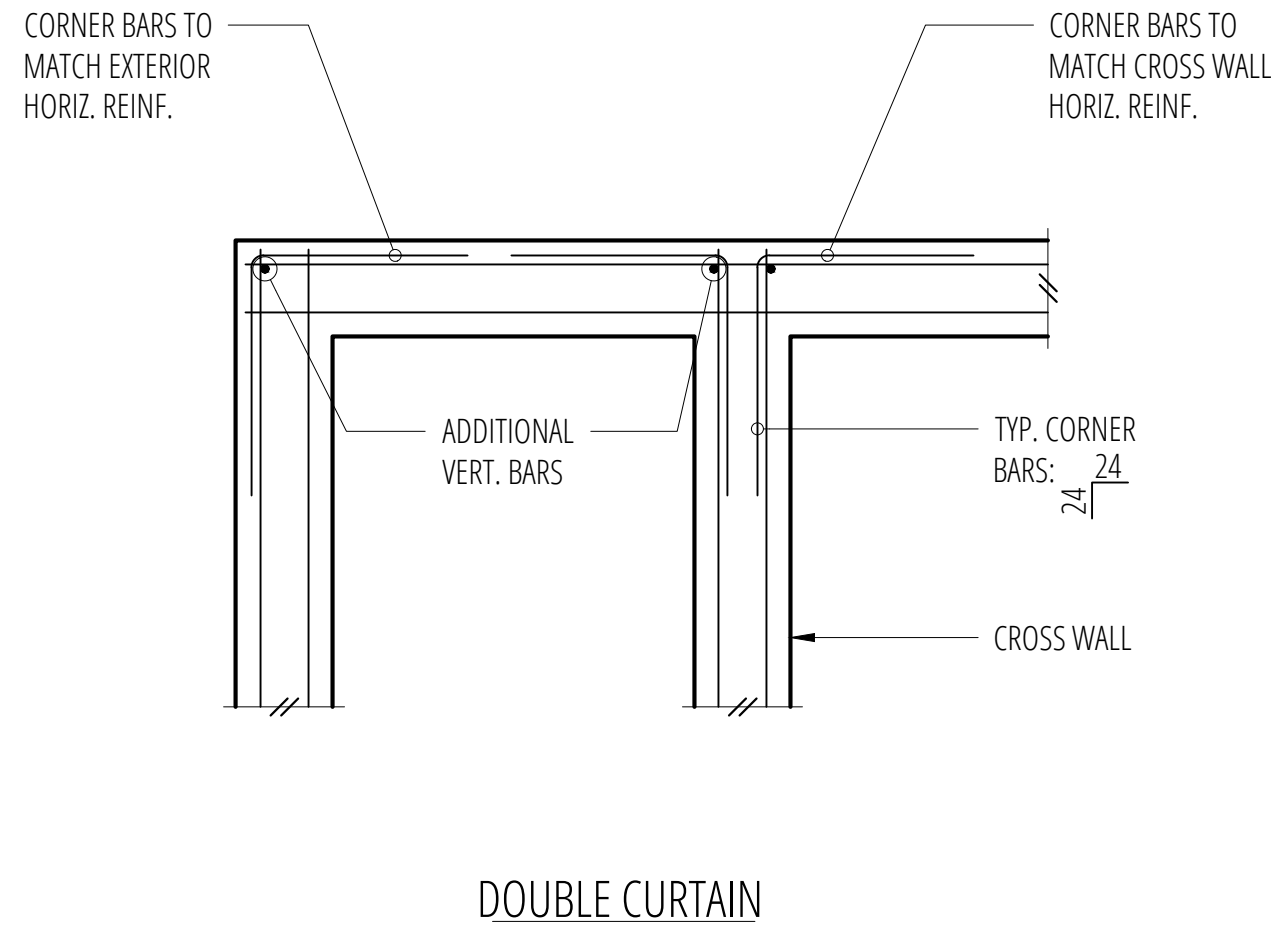
Typical Corner Bars at Concrete Walls and Footings
SCALE: 3/4"=1'-0"



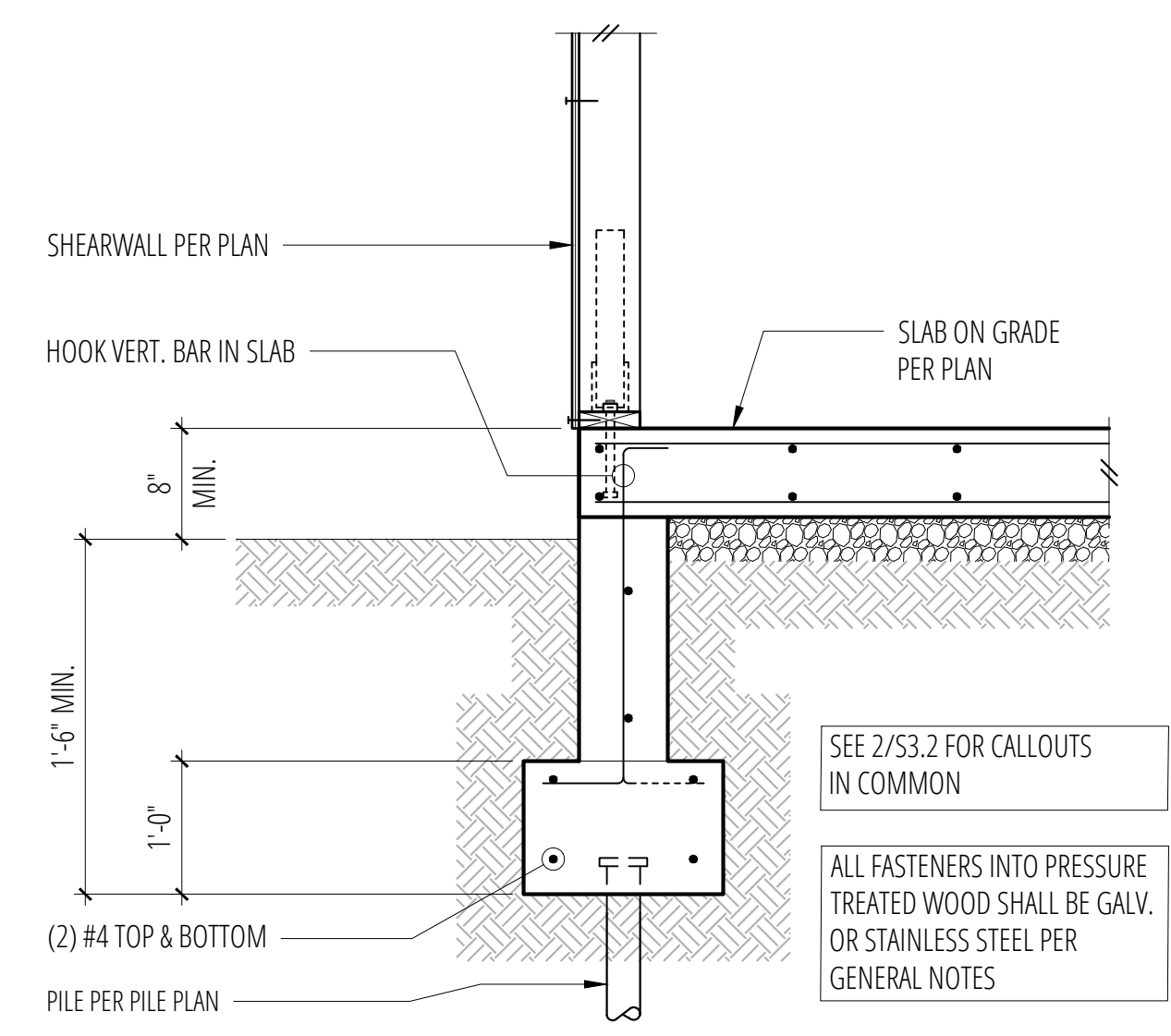
PROVIDE CONTROL OR CONSTRUCTION JOINTS IN SLABS ON GRADE TO BREAK UP SLAB INTO RECTANGULAR AREAS OF 400 SQUARE FEET OR LESS. AREAS TO BE APPROX. SQUARE AND HAVE NO ACUTE ANGLES. JOINT LOCATIONS TO BE APPROVED BY THE ARCHITECT.

7

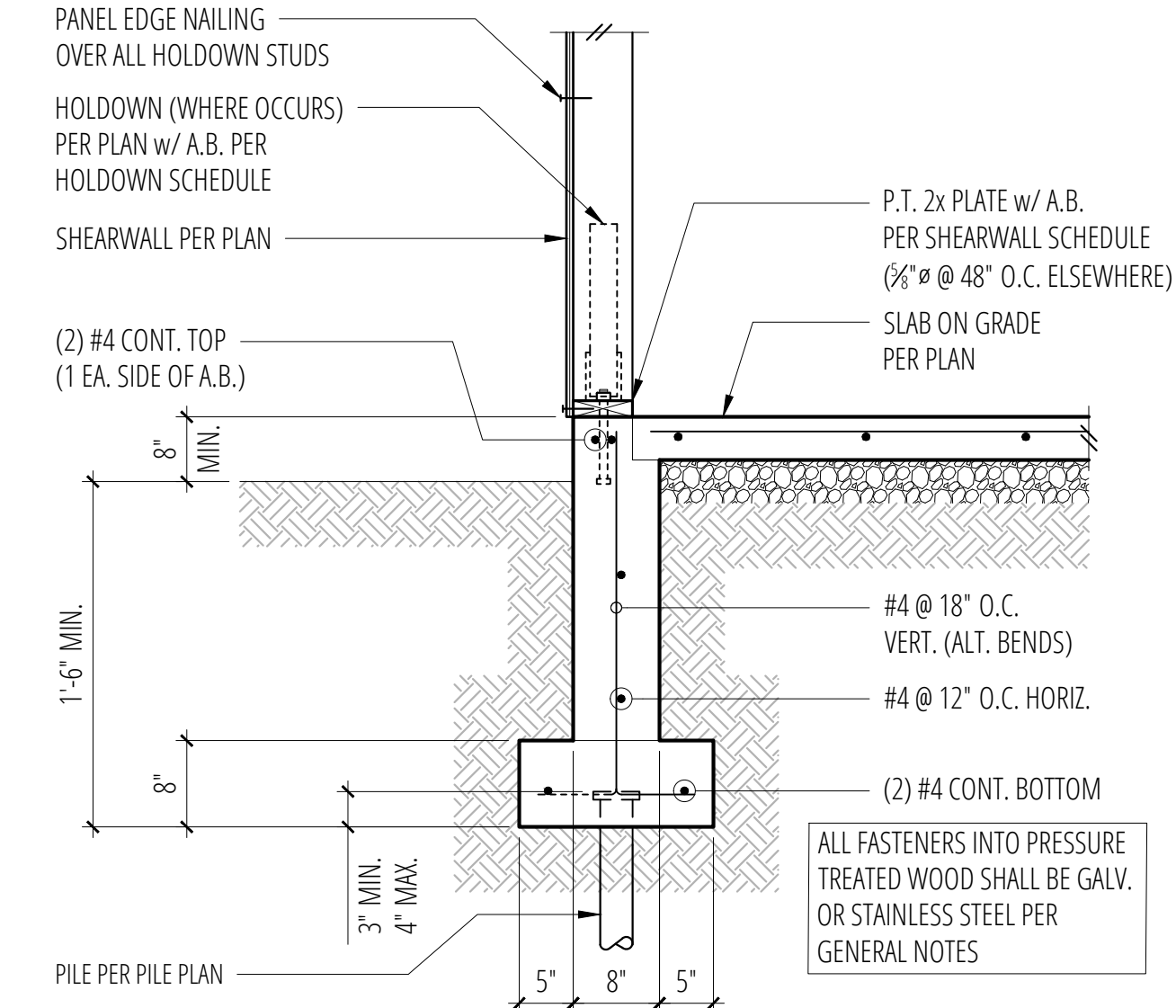
Typical Slab Joints
SCALE: 3/4"=1'-0"



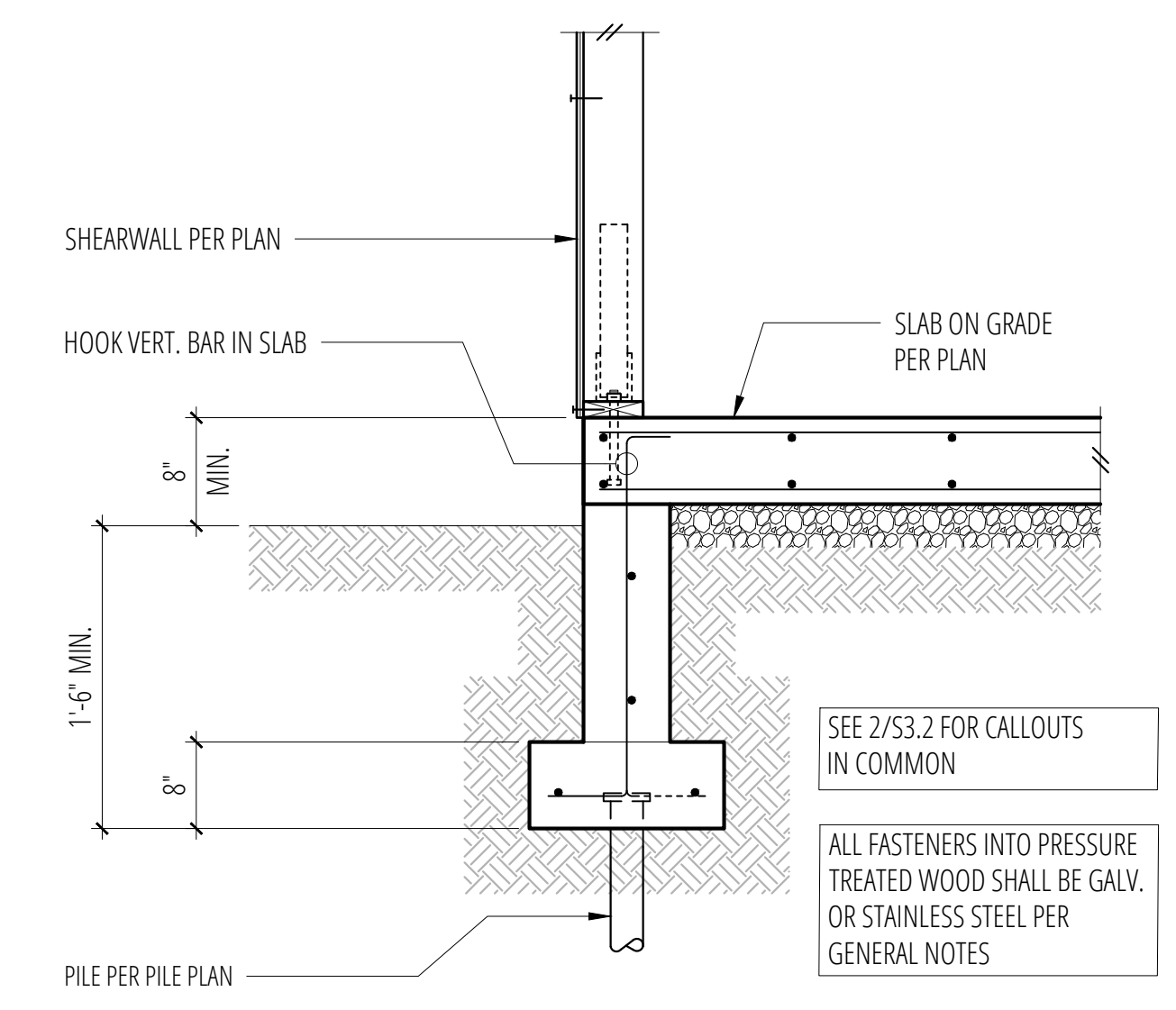
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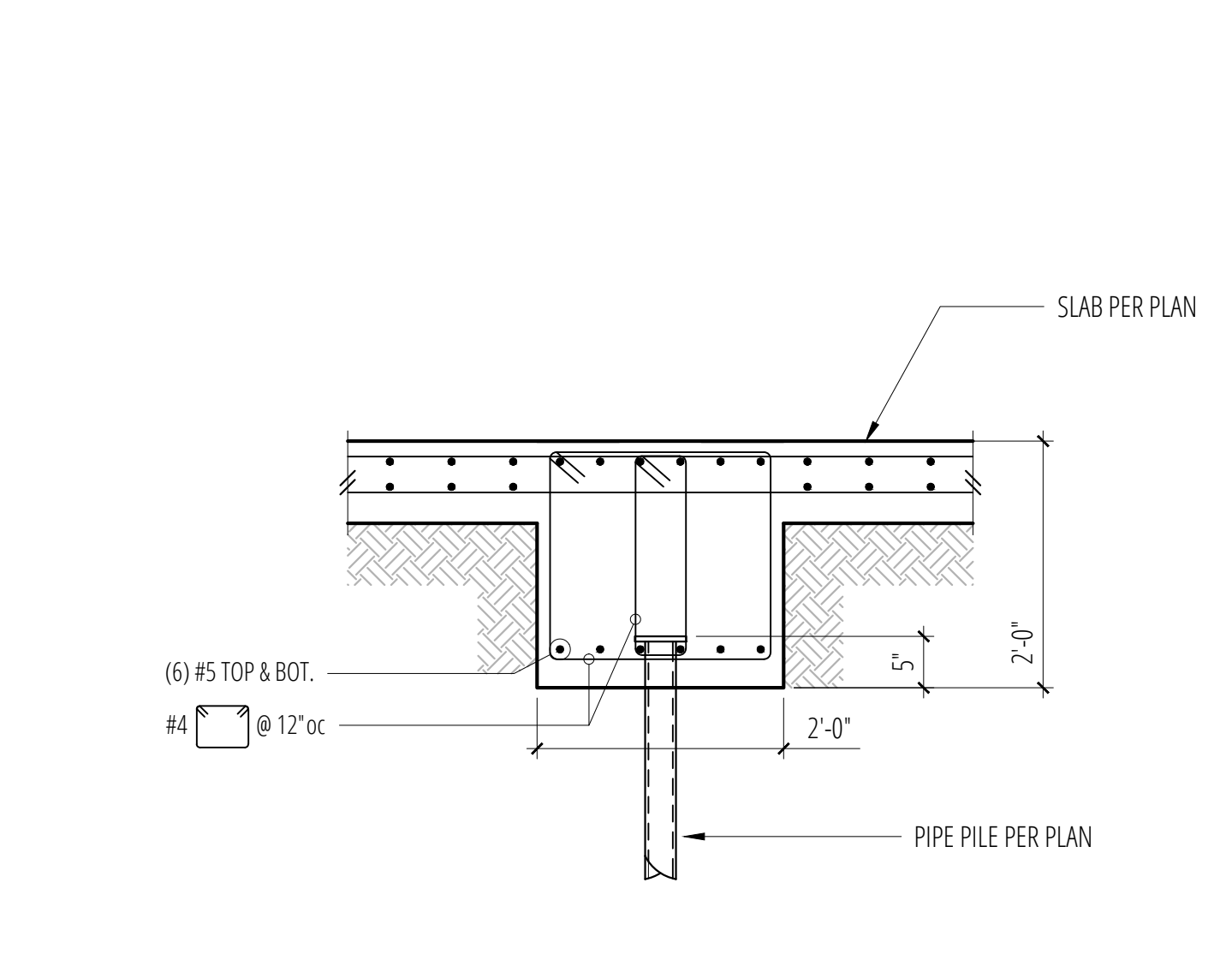
1 Exterior Wall w/ Slab on Grade
SCALE: 3/4"=1'-0"



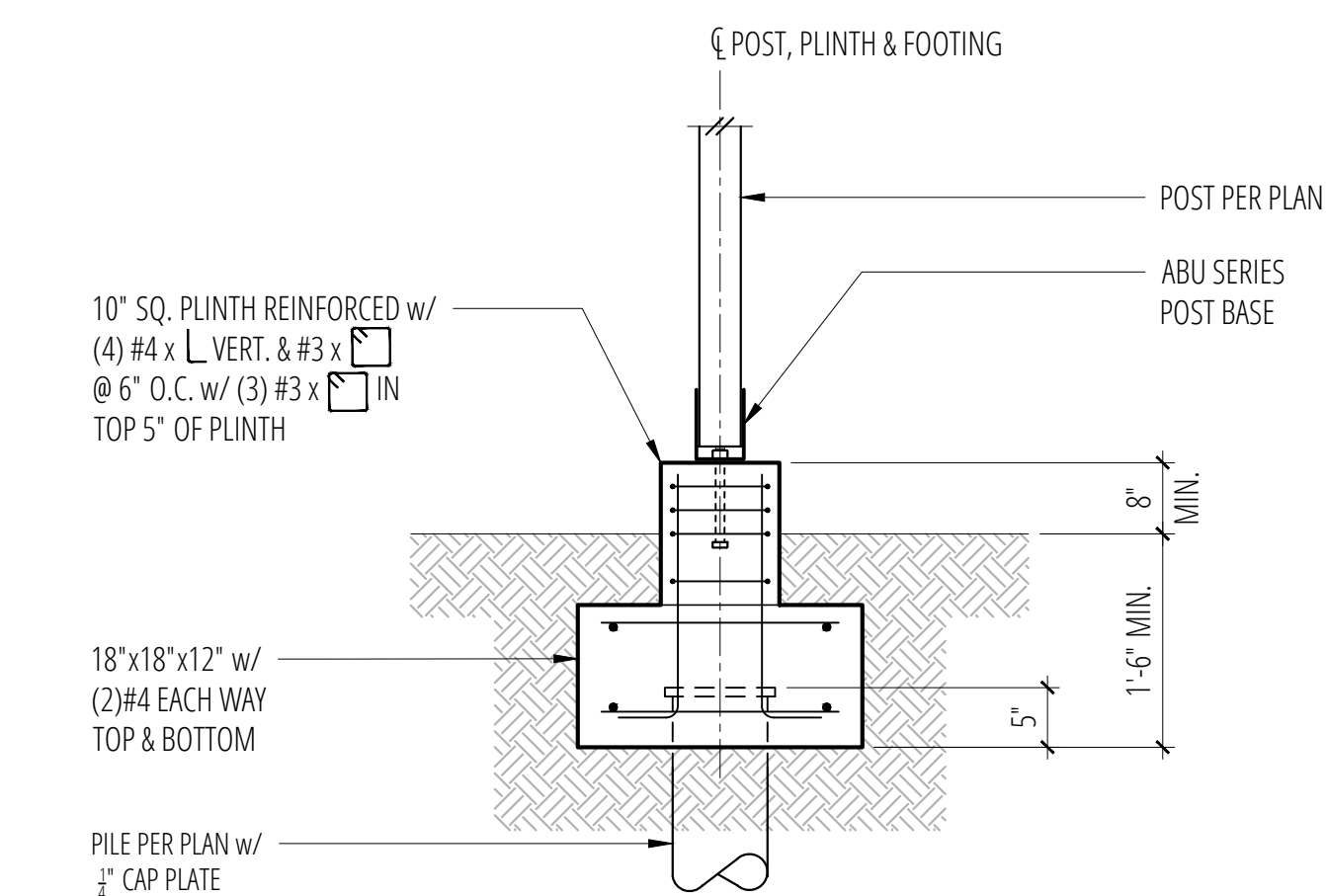
2 Exterior Wall w/ Slab on Grade
SCALE: 3/4"=1'-0"



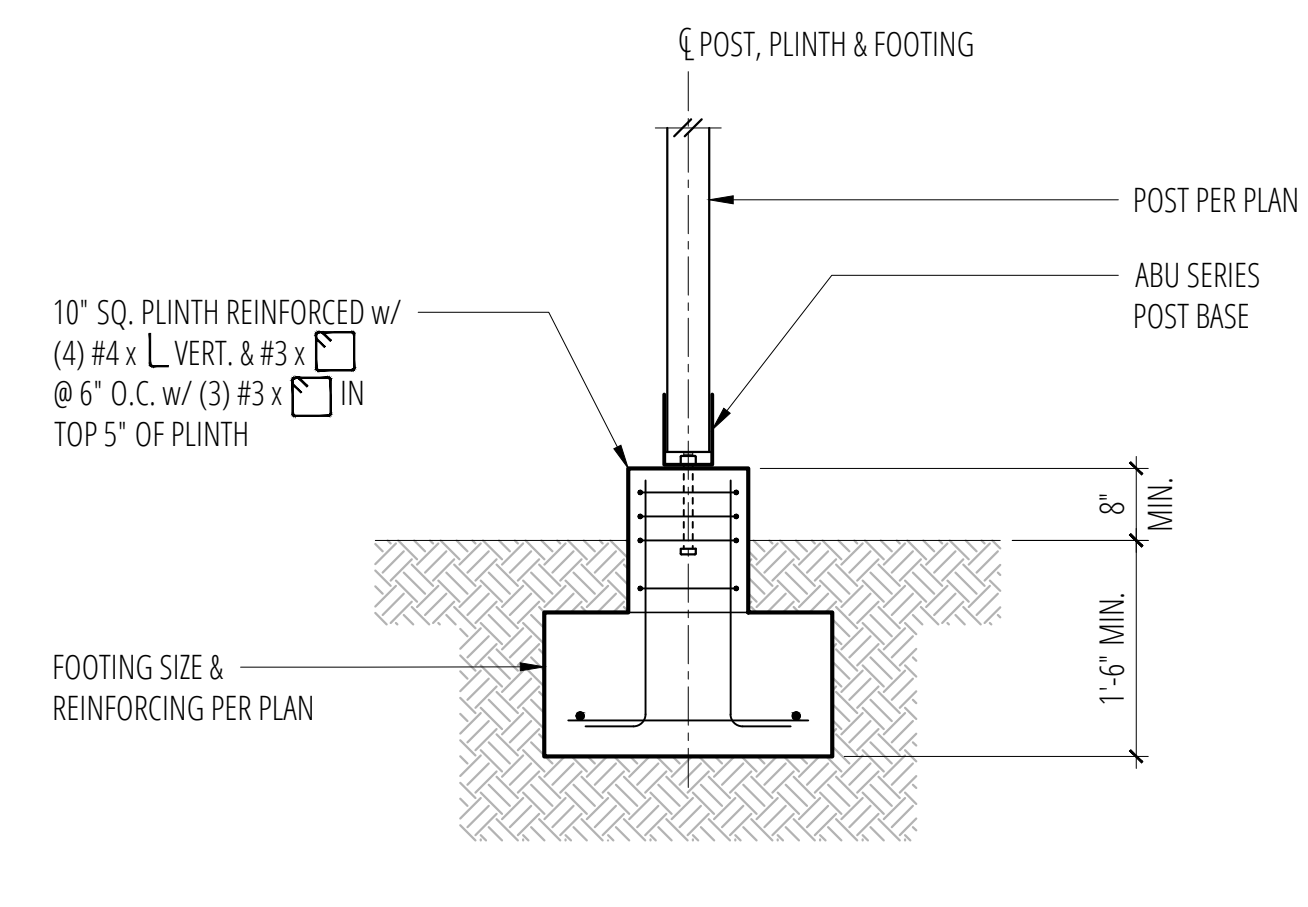
3 Exterior Wall w/ Slab on Grade
SCALE: 3/4"=1'-0"



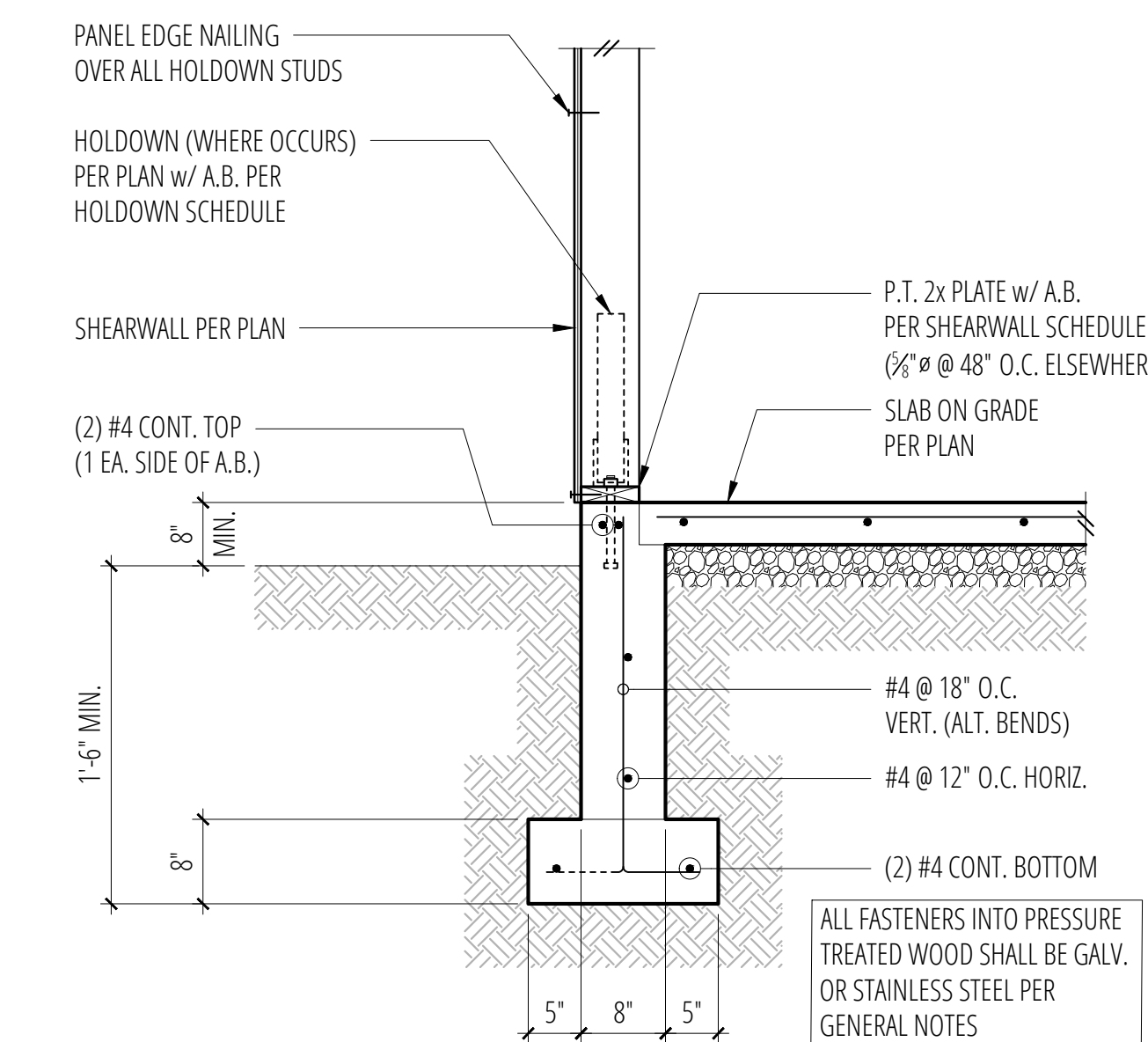
4 Slab Grade Beam
SCALE: 3/4"=1'-0"



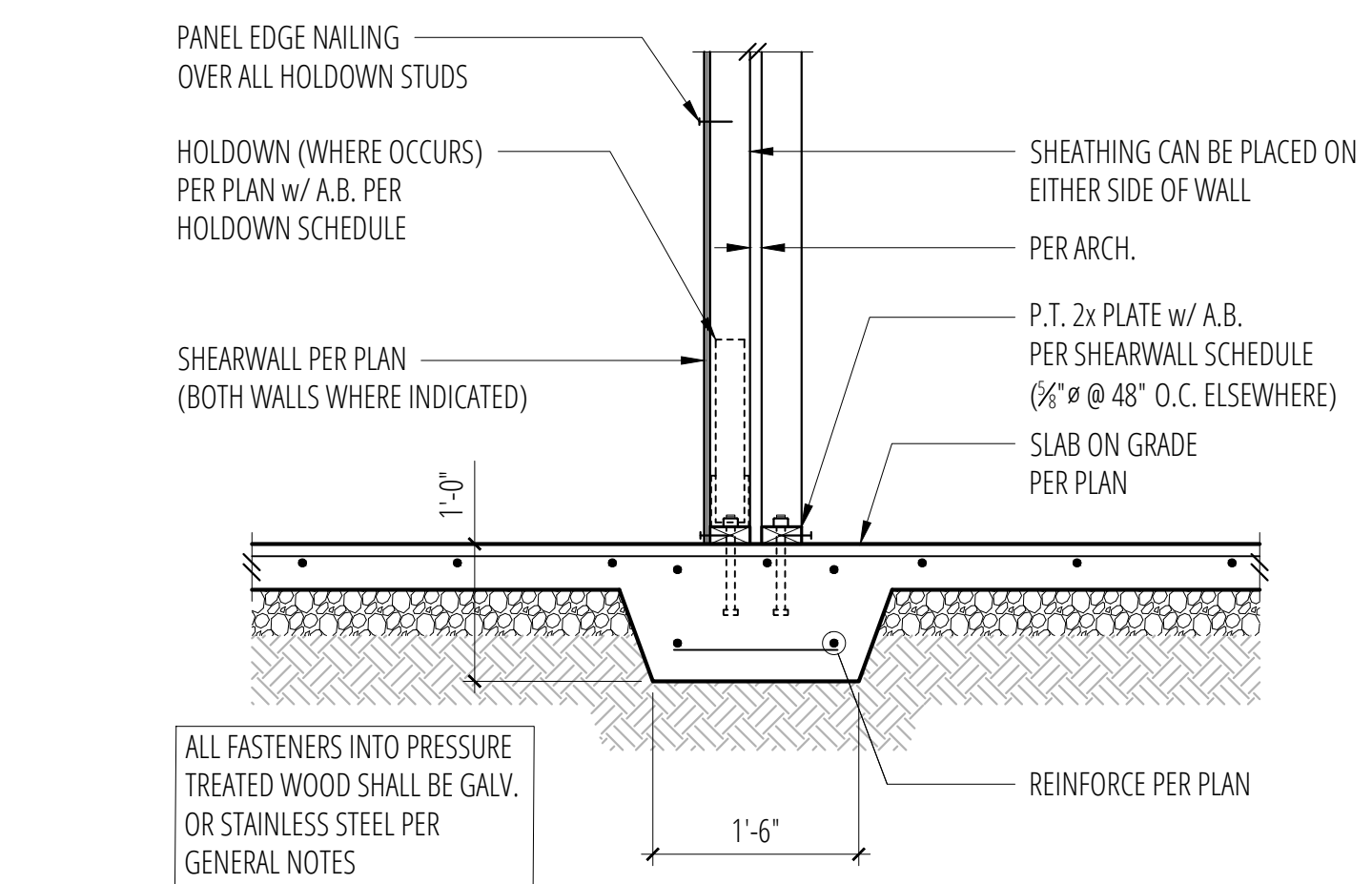
5 Deck or Canopy Post Footing
SCALE: 3/4"=1'-0"



6 Deck or Canopy Post Footing
SCALE: 3/4"=1'-0"



7 Exterior Wall w/ Slab on Grade
SCALE: 3/4"=1'-0"



8 Interior Party Wall w/ Thickened Slab
SCALE: 3/4"=1'-0"

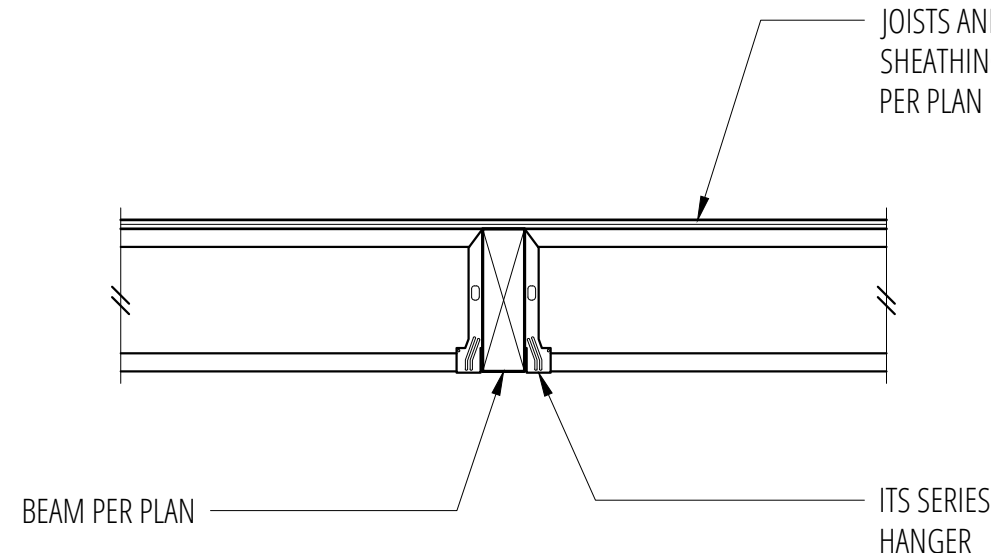
9 SCALE: 3/4"=1'-0"

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

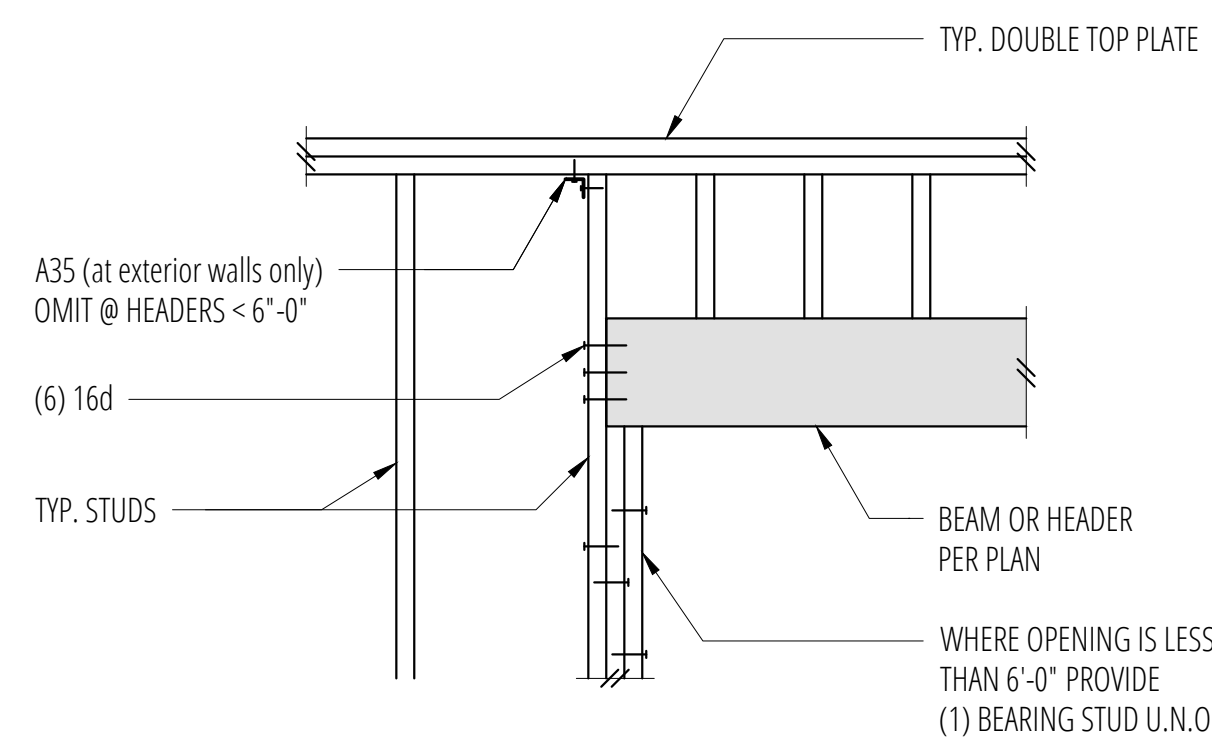
11 SCALE: 3/4"=1'-0"

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

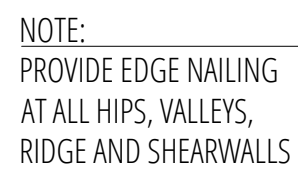
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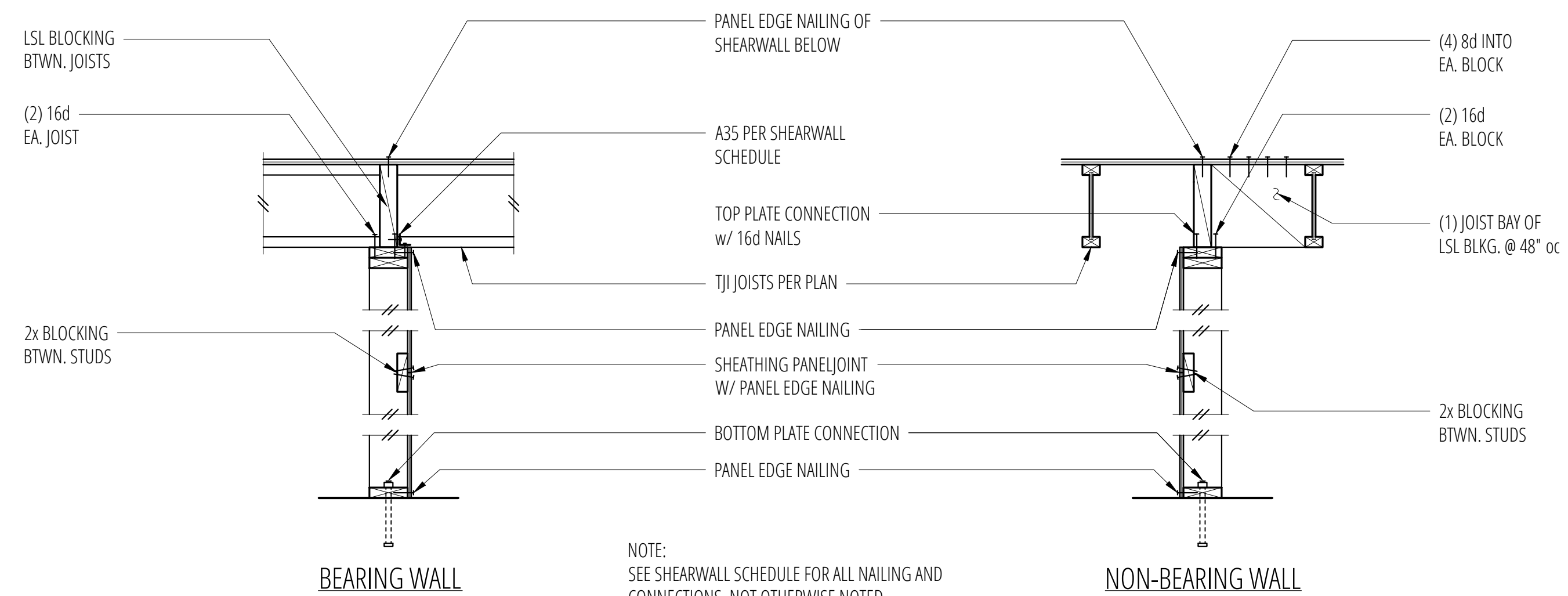
2 Typical Flush Beam / Header
SCALE: 3/4"=1'-0"



6 Typical Header Support

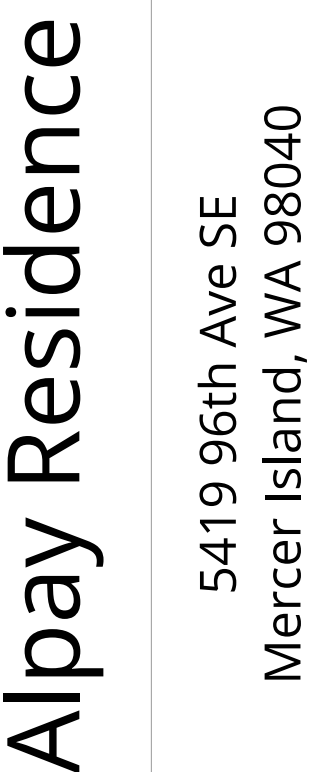


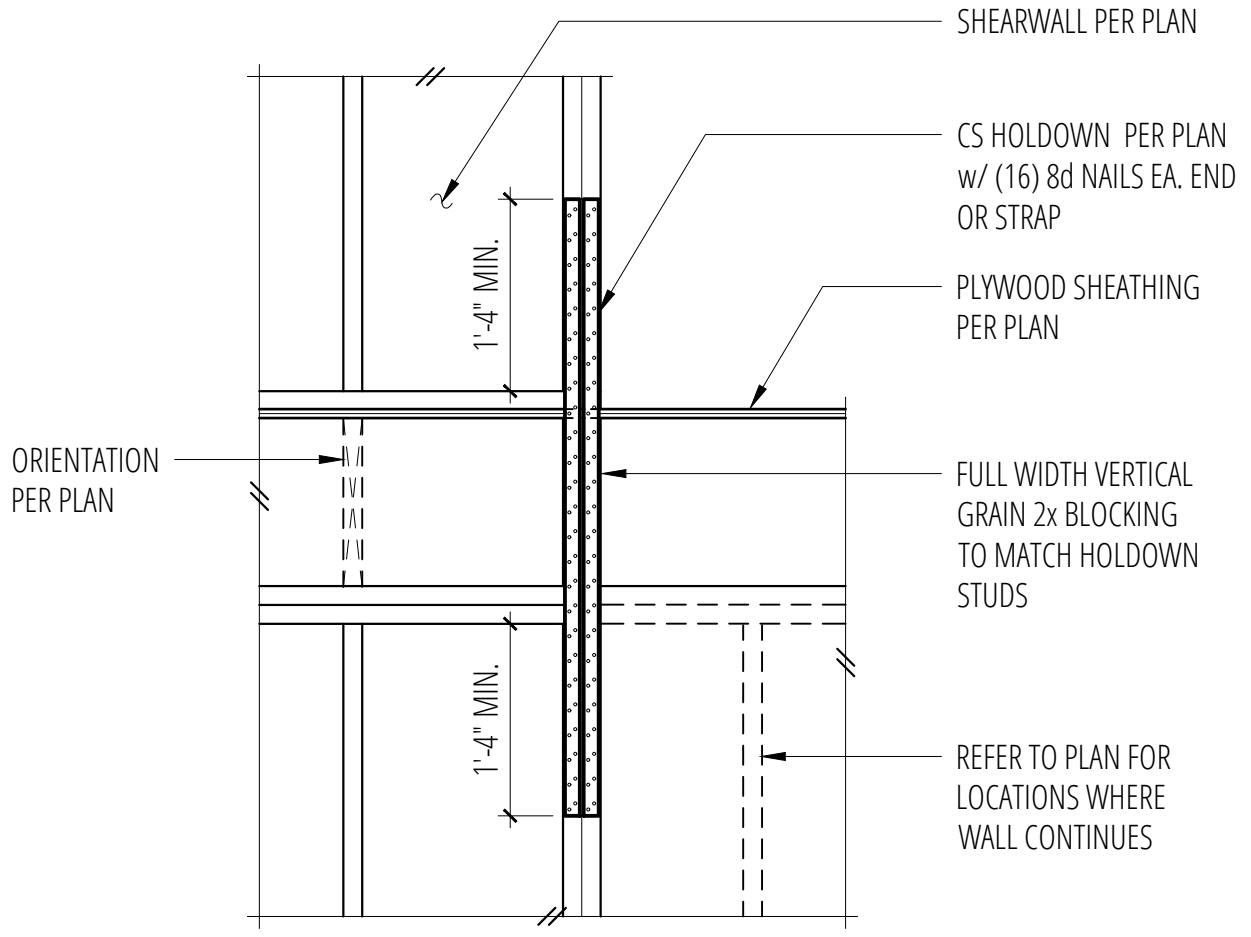
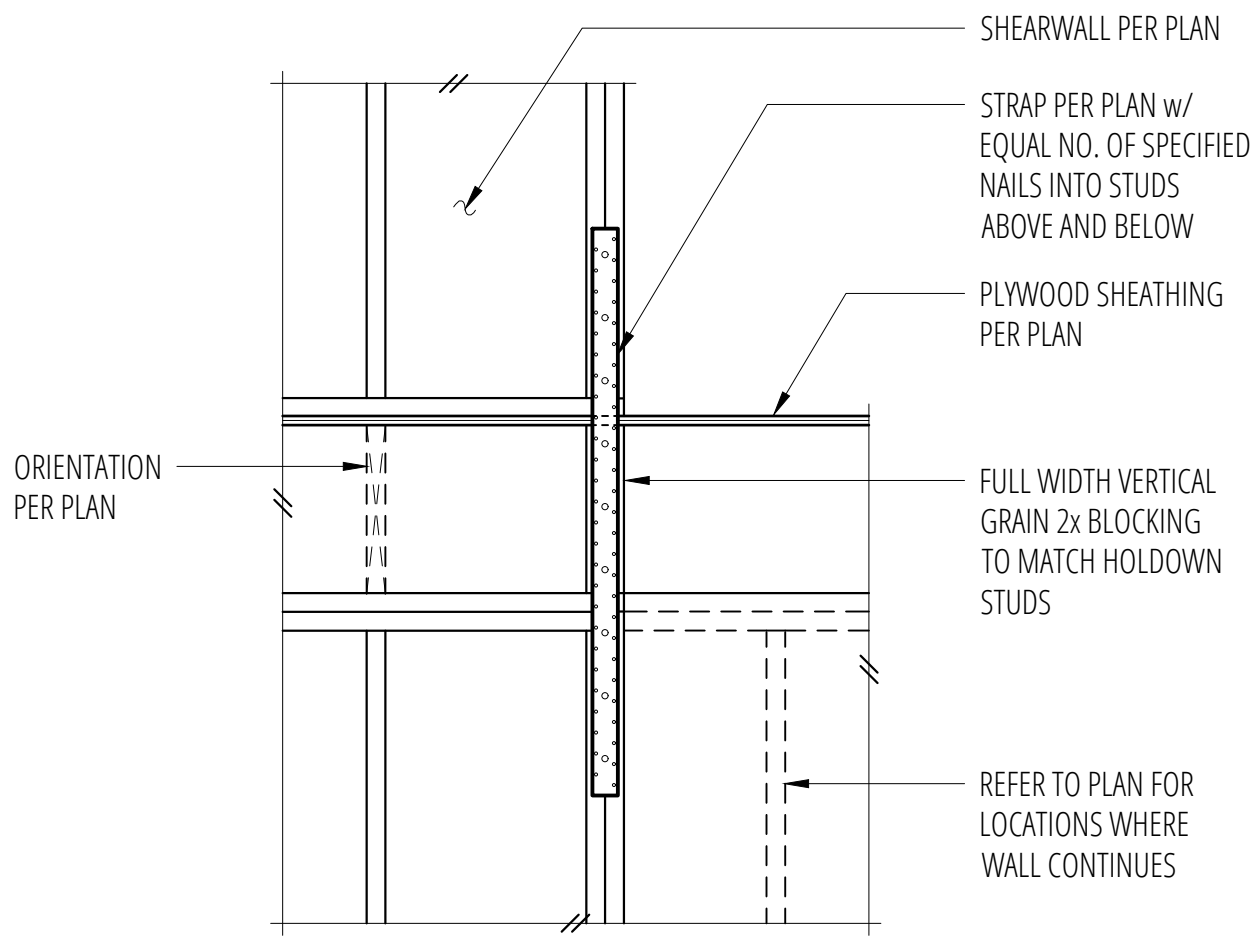
11 Typical Shearwall Intersection



- SHEARWALL PER PLAN
- ① IF SHEARWALL OR ②
16d @ 12" OC AT
OTHER WALLS
- INTERSECTING WALL -
(see left if shearwall)

1. BLOCK PANEL EDGES WITH 2x MIN. LAID FLAT AND NAIL PANELS TO INTERMEDIATE SUPPORTS WITH 8d @ 12" o.c.
2. 8d NAILS SHALL BE 0.131" x 2 1/2" (common) - 16d NAILS SHALL BE 0.135" x 3 1/2" (box)
3. EMBED ANCHOR BOLTS AT LEAST 7" EXPANSION BOLTS MAY BE SUBSTITUTED FOR ANCHOR BOLTS WITH 4" EMBEDMENT. ALL BOLTS SHALL HAVE 3" x 3" x 1/2" PLATE WASHERS. EXTEND TO WITHIN 1/2" OF THE PLYWOOD SHEATHING.
4. 3x STUDS OR DOUBLE STUDS NAILED TOGETHER W/ BASE PLATE NAILING ARE REQUIRED AT ABUTTING PANEL EDGES OF W3 AND W2. SEE DETAIL B. WHERE 3x STUDS ARE USED FOR W2, STAGGER NAILS AT ADJOINING PANEL EDGES.
5. TWO STUDS MINIMUM ARE REQUIRED AT EACH END OF ALL SHEARWALLS AND ALL END STUDS SHALL RECEIVE PANEL EDGE NAILING.
6. ALL EXTERIOR WALLS SHALL BE W6, UNLESS NOTED OTHERWISE.
7. 3/8" O.S.B. MAY BE SUBSTITUTED FOR 1/2" CDX.
8. LTP4's MAY BE SUBSTITUTED FOR A35's AT CONTRACTORS OPTION.
9. A 2x NAILER ATTACHED W/ BASE PLATE NAILING PER DETAIL A MAY BE SUBSTITUTED FOR A35's AT CONTRACTORS OPTION.
10. STAGGER NAILS IN ROW W/ 1/2" MIN. OFFSET.
11. MINIMUM OFFSET BETWEEN ROWS 1/2" AND MINIMUM RIM OR JOIST 3 1/2" WIDE.



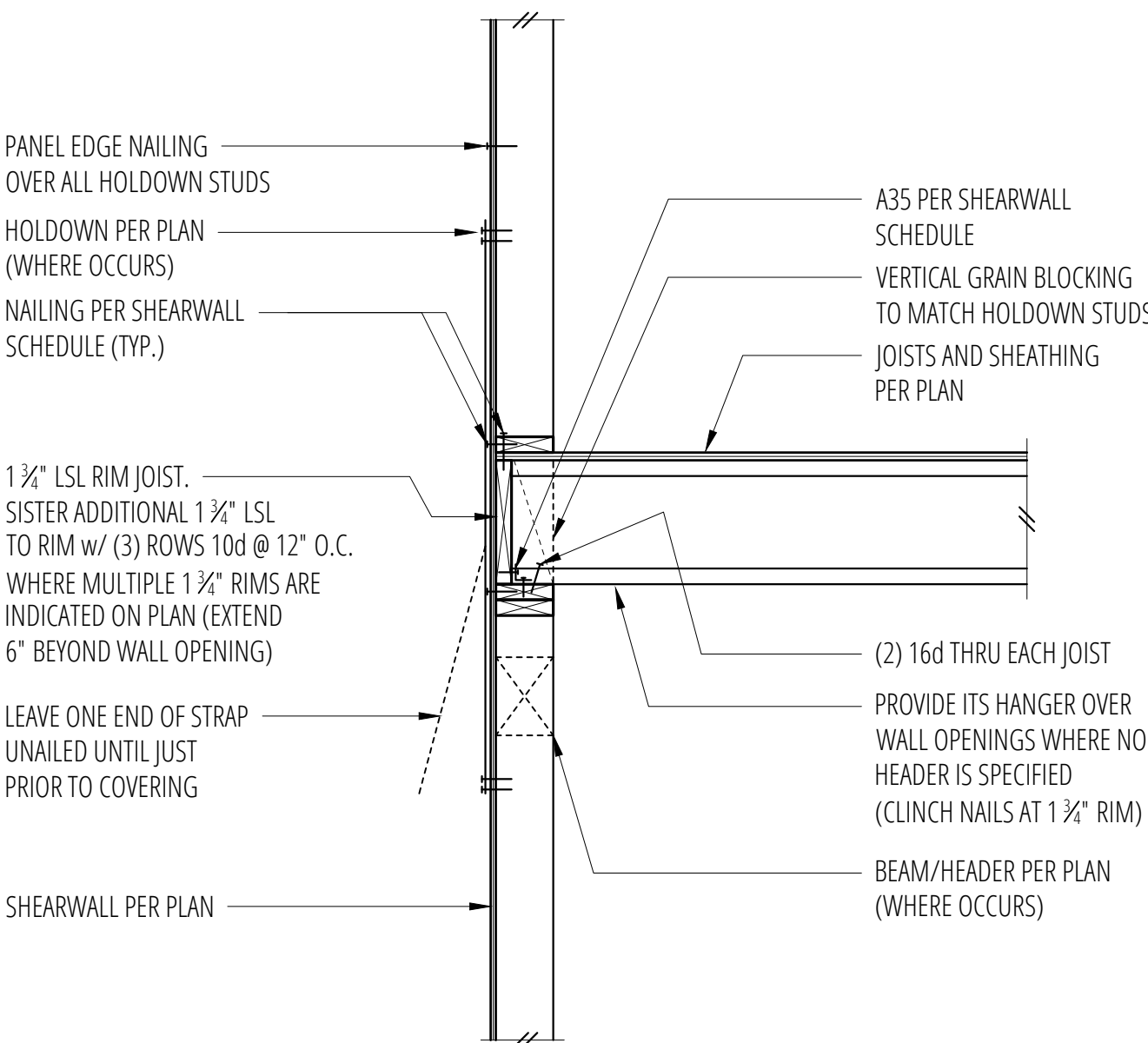
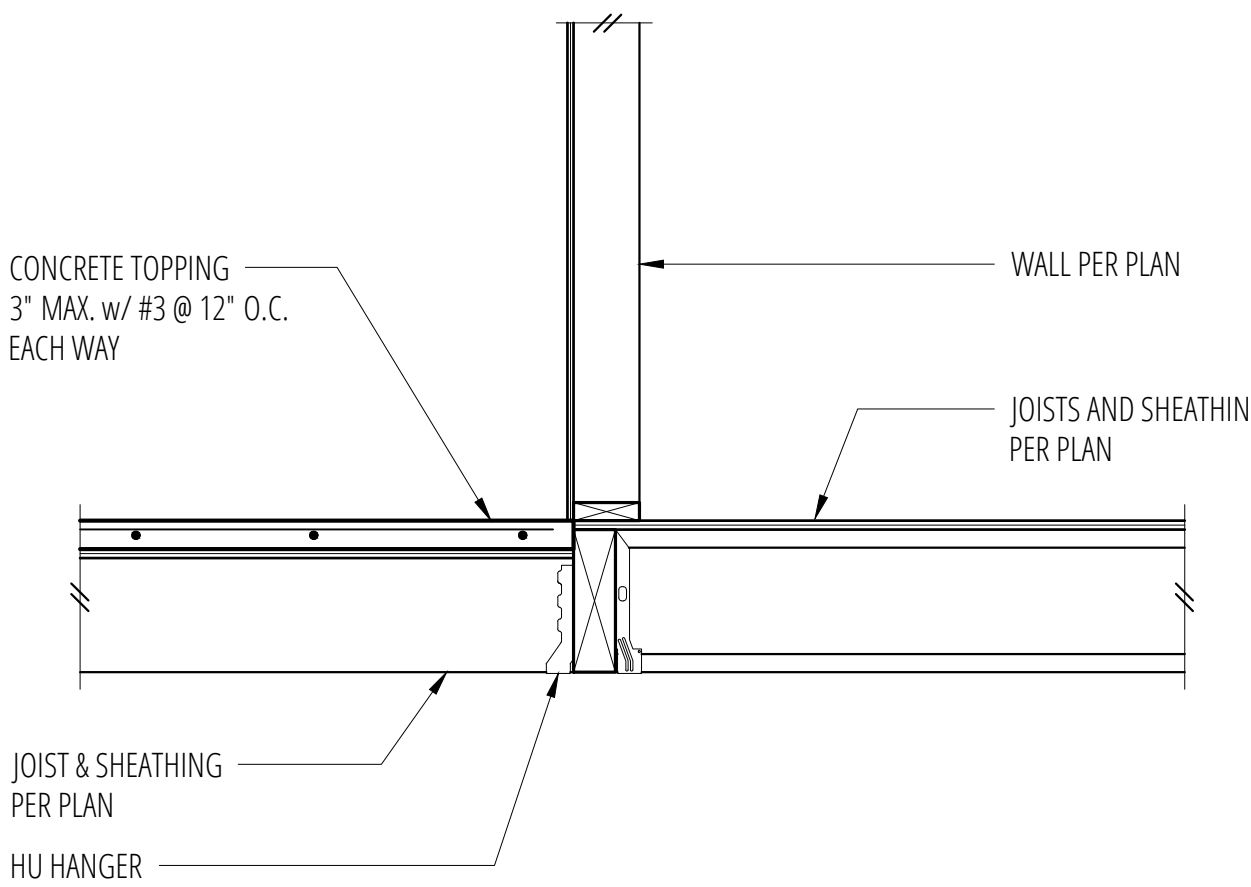


1 SCALE: 3/4"=1'-0"

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

3 Typical MST/MSTC Holdown at Floor
SCALE: 3/4"=1'-0"

4 Typical CS Holdown at Floor
SCALE: 3/4"=1'-0"

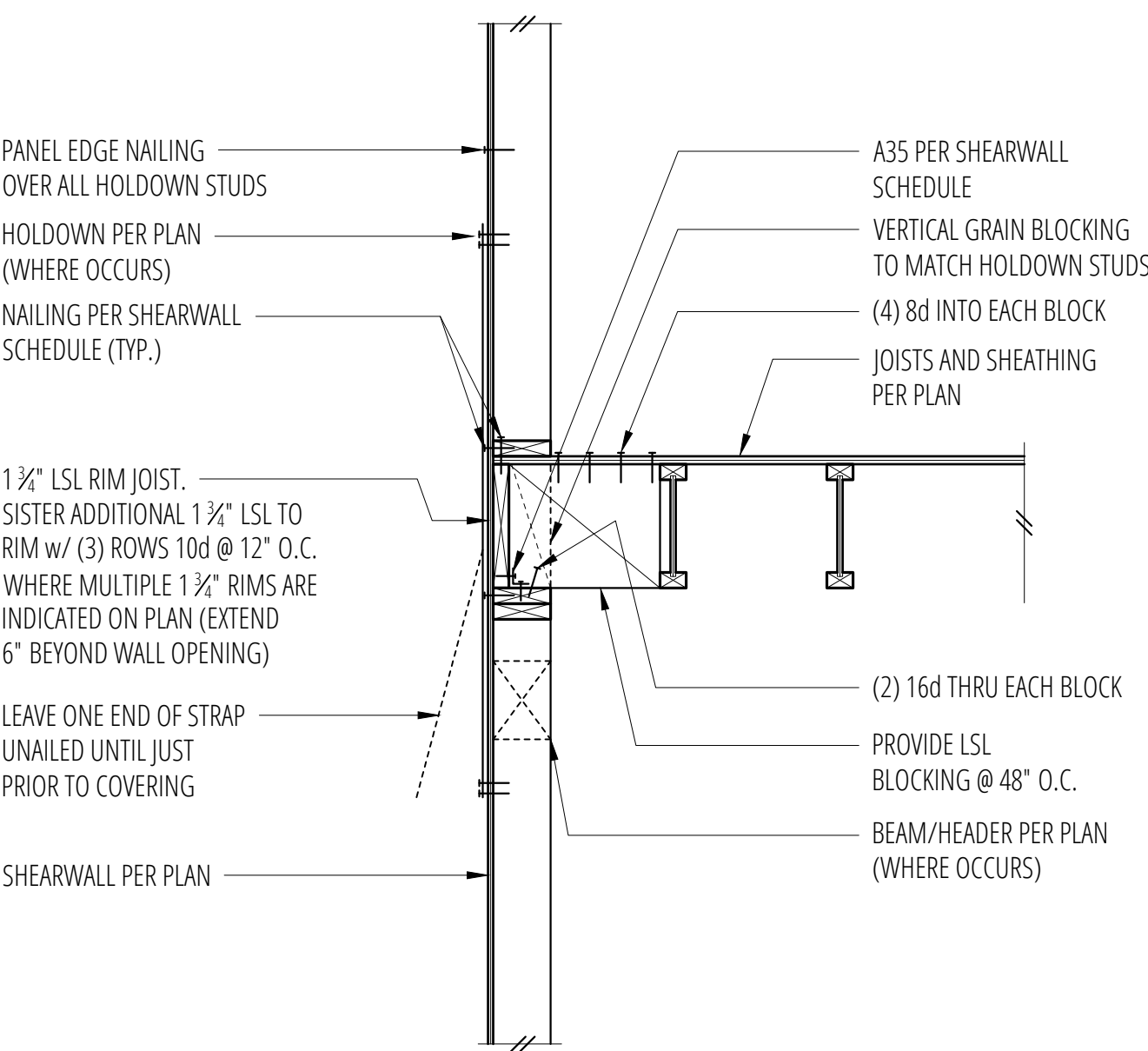


5 SCALE: 3/4"=1'-0"

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

7 Floor Framing w/ Concrete Topping at Beam Connection
SCALE: 3/4"=1'-0"

8 Perpendicular Floor Framing (Continuous Rim)
SCALE: 3/4"=1'-0"



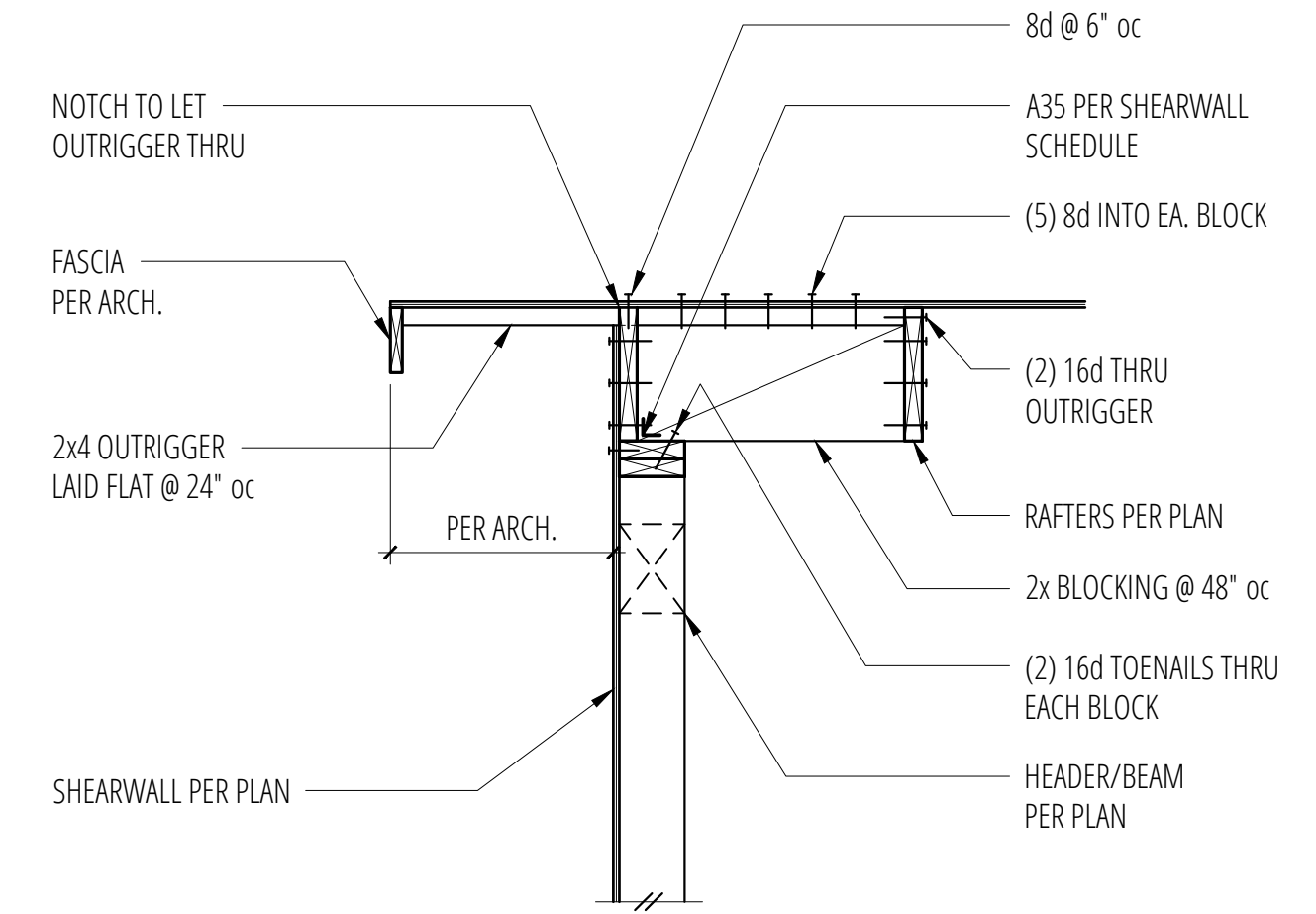
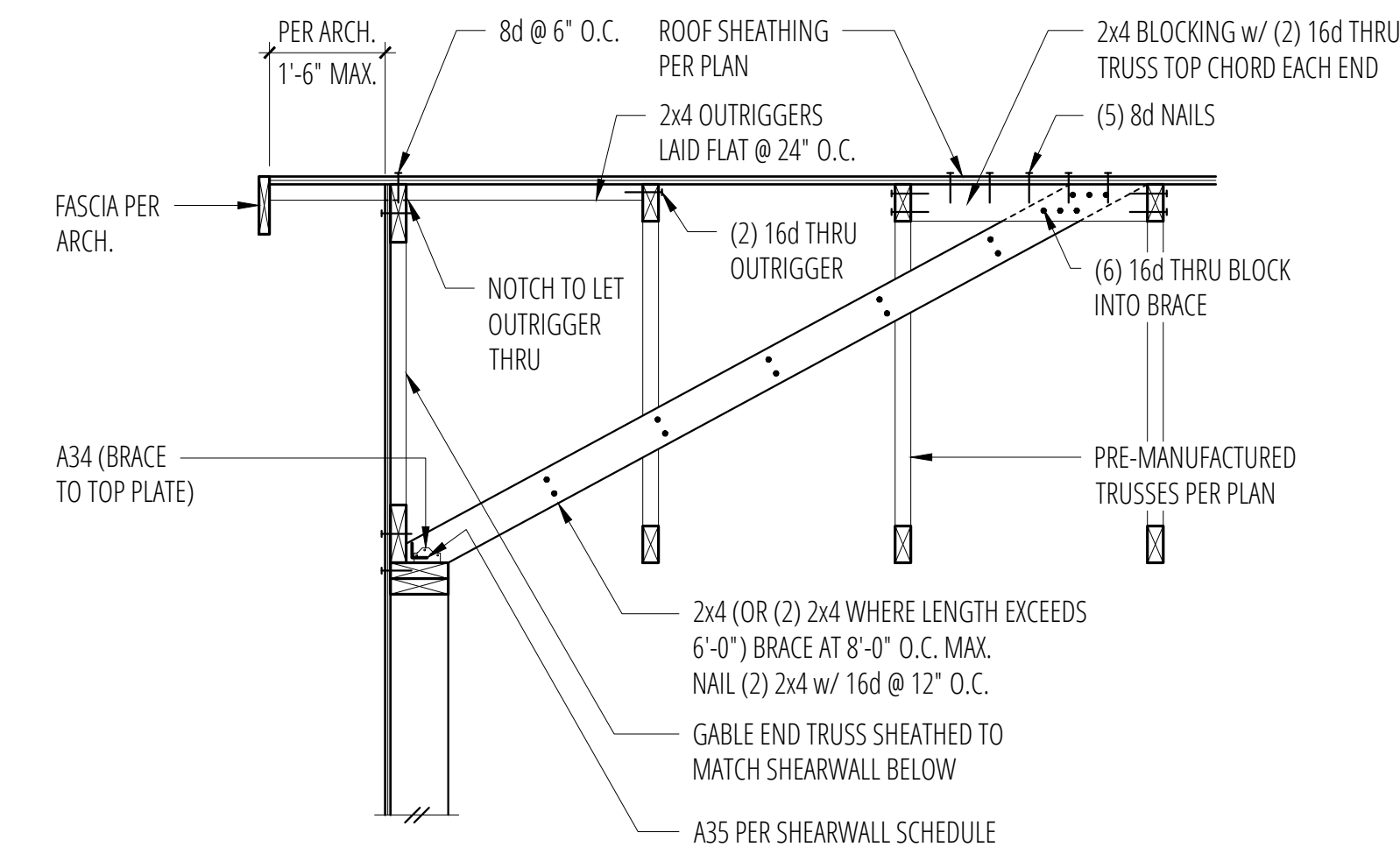
9 SCALE: 3/4"=1'-0"

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

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

12 Parallel Floor Framing (Continuous Rim)
SCALE: 3/4"=1'-0"

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FLOOR FRAMING DETAILS		
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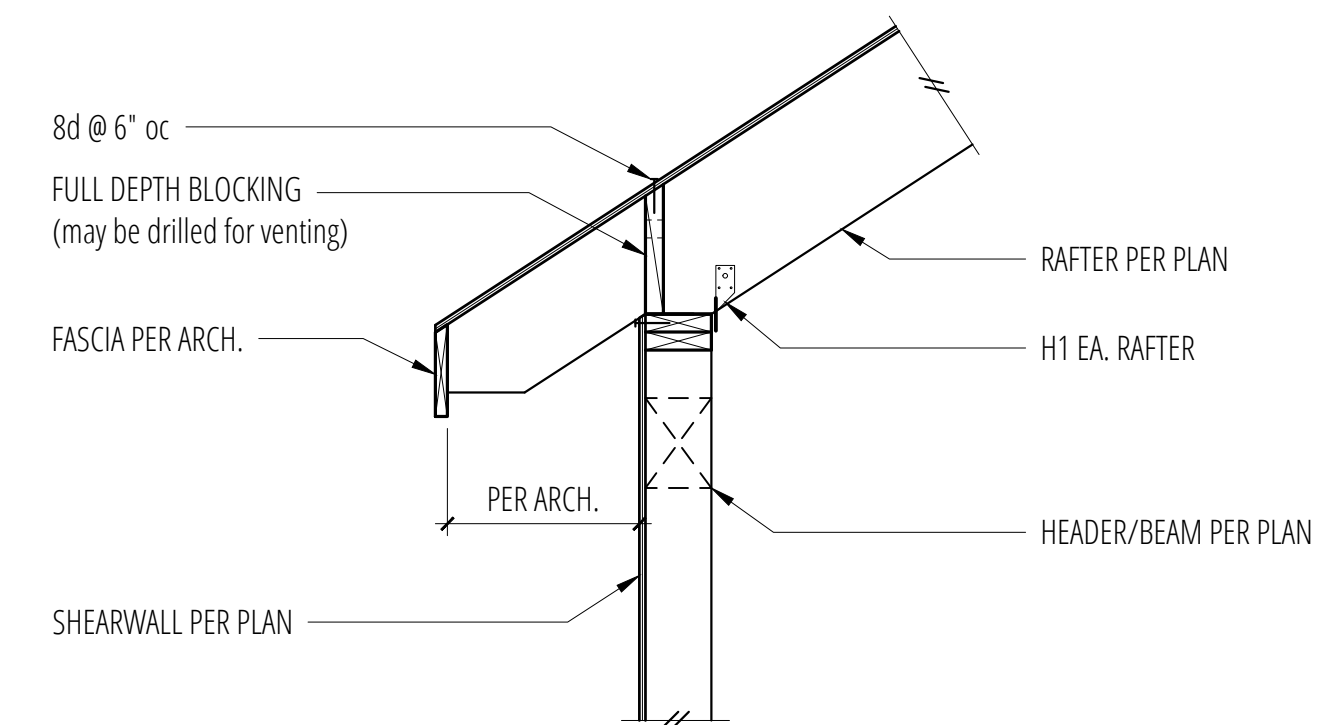
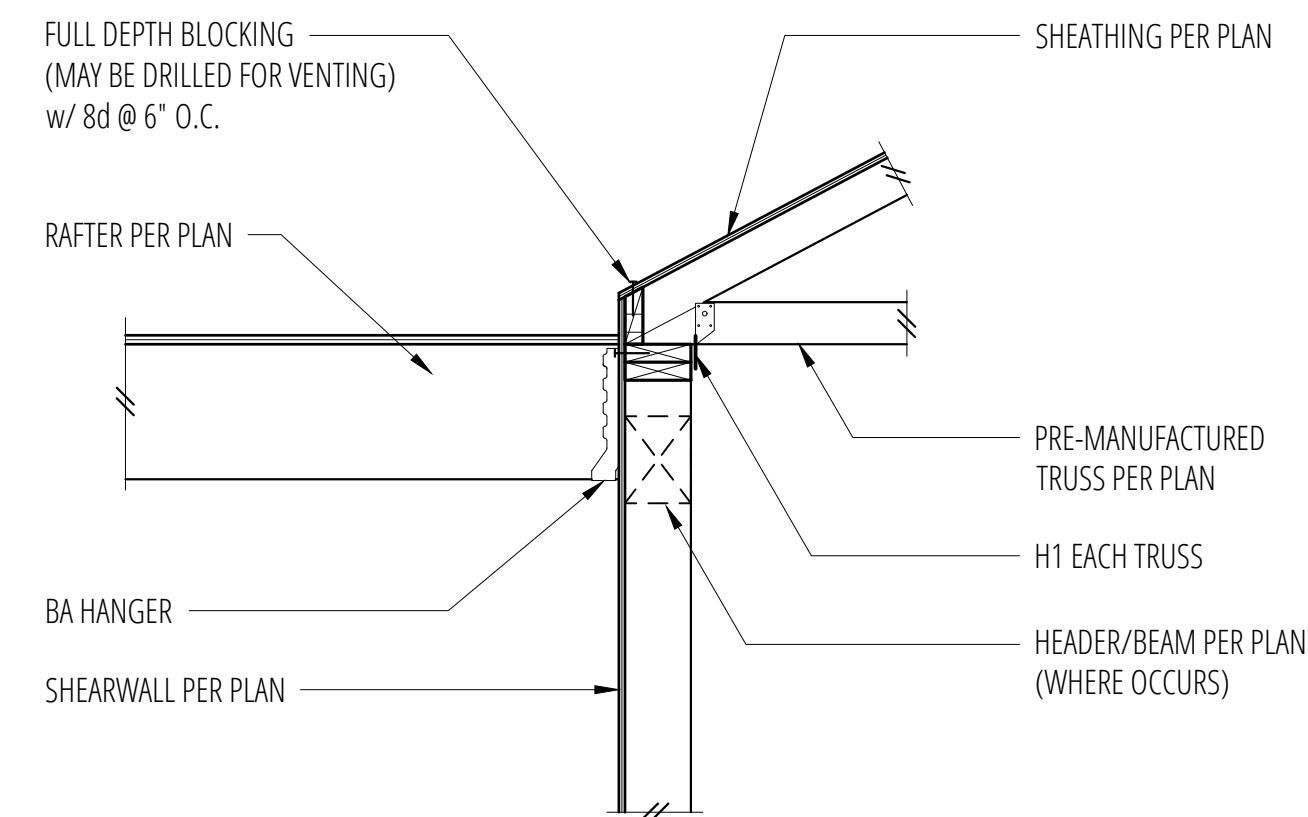


2 Overframing Connection

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

3 Exterior Non-Bearing Wall at Roof (w/ Brace)
SCALE: 3/4"=1'-0"

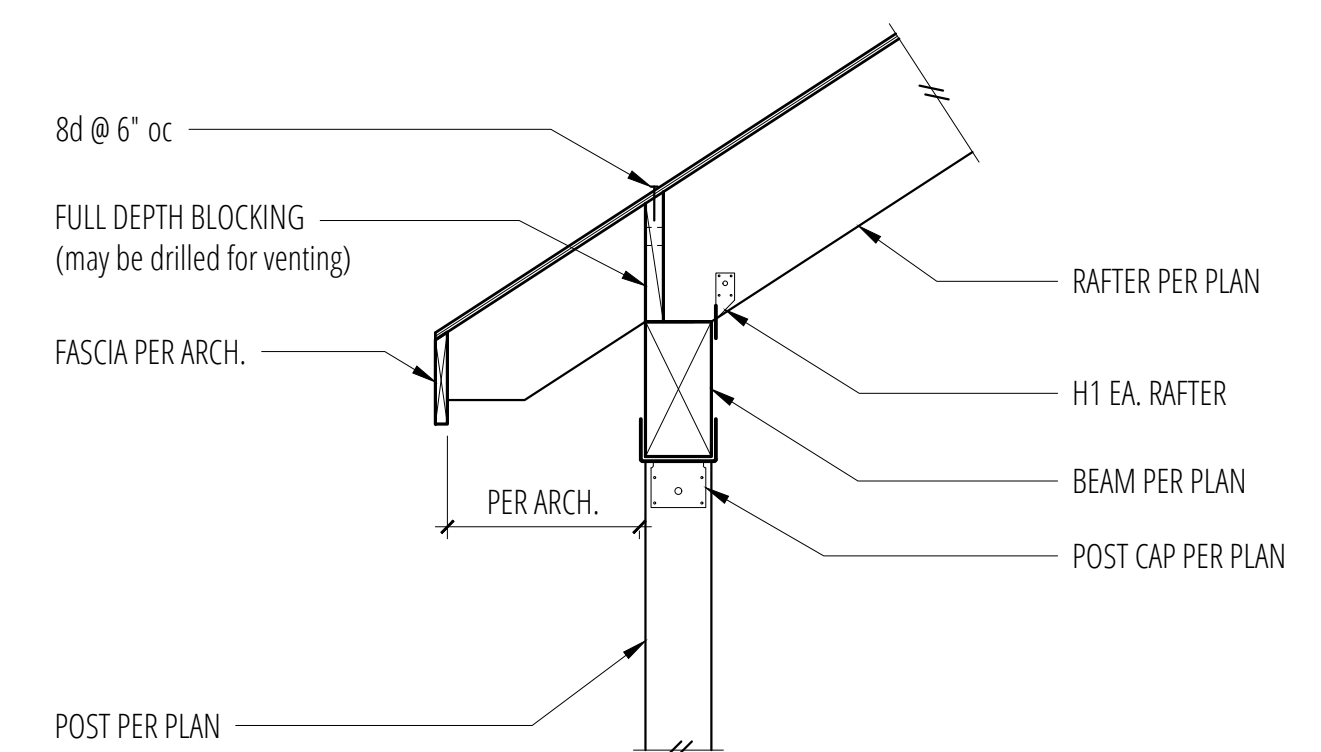
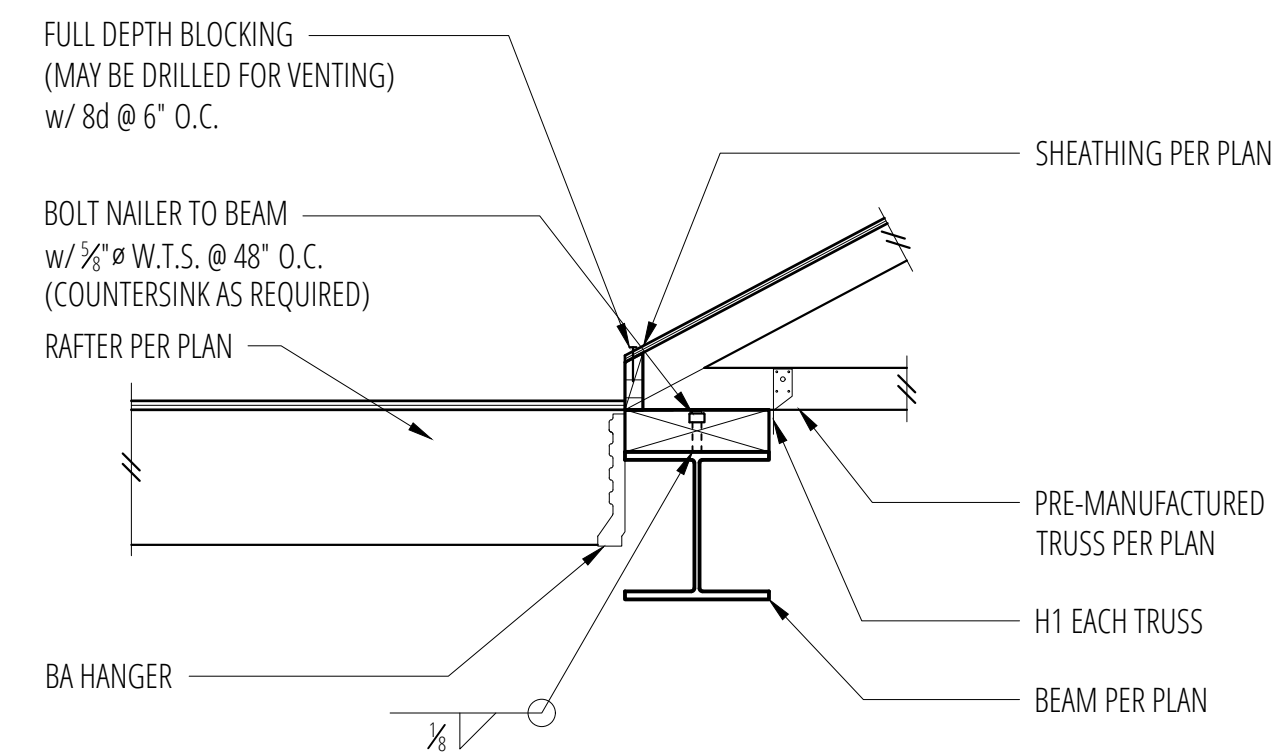
4 Exterior Non-Bearing Wall at Roof
SCALE: 3/4"=1'-0"



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

7 Exterior Bearing Wall at Roof
SCALE: 3/4"=1'-0"

8 Exterior Bearing Wall At Roof
SCALE: 3/4"=1'-0"



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

11 Beam & Post at Roof
SCALE: 3/4"=1'-0"

12 Beam & Post At Roof
SCALE: 3/4"=1'-0"

No.	Date	Issue
	11/10/25	Permit
Sheet Contents		
ROOF FRAMING DETAILS		
Sheet No.		