HEIGHT

INFORMATION

LOW VOLTAGE

MANUFACTURER

NOT APPLICABLE NOT IN CONTRACT

ON CENTER PROPERTY LINE

RADIUS REFER TO

SIMILAR

TO BE DETERMINED

TONGUE & GROOVE

UNLESS NOTED OTHERWISE

TEMPERED GLASS

TOP OF WALL

TYPICAL

WOOD WINDOW

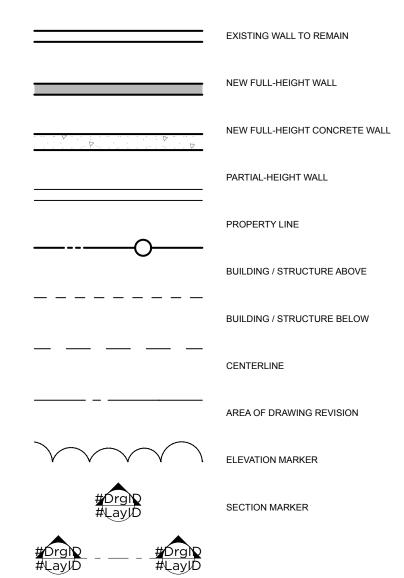
NOT FOR CONSTRUCTION

INSULATION

INTERIOR

METAL

PLAN LEGEND:



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

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, + JEFFREY ALMETER. ANY ERRORS, OMISSIONS, OR DISCREPANCIES DISCOVERED BY THE USE OF THESE DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO JEFFREY ALMETER. FAILURE TO DO SO SHALL RELIEVE JEFFREY ALMETER FROM ANY

ANY DEVIATIONS FROM THESE DOCUMENTS WITHOUT THE CONSENT OF JEFFREY ALMETER IS UNAUTHORIZED. FAILURE TO OBSERVE THESE PROCEDURES SHALL RELIEVE JEFFREY ALMETER OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH ACTIONS.

Thimbleberry

☐ Trillium

Willow

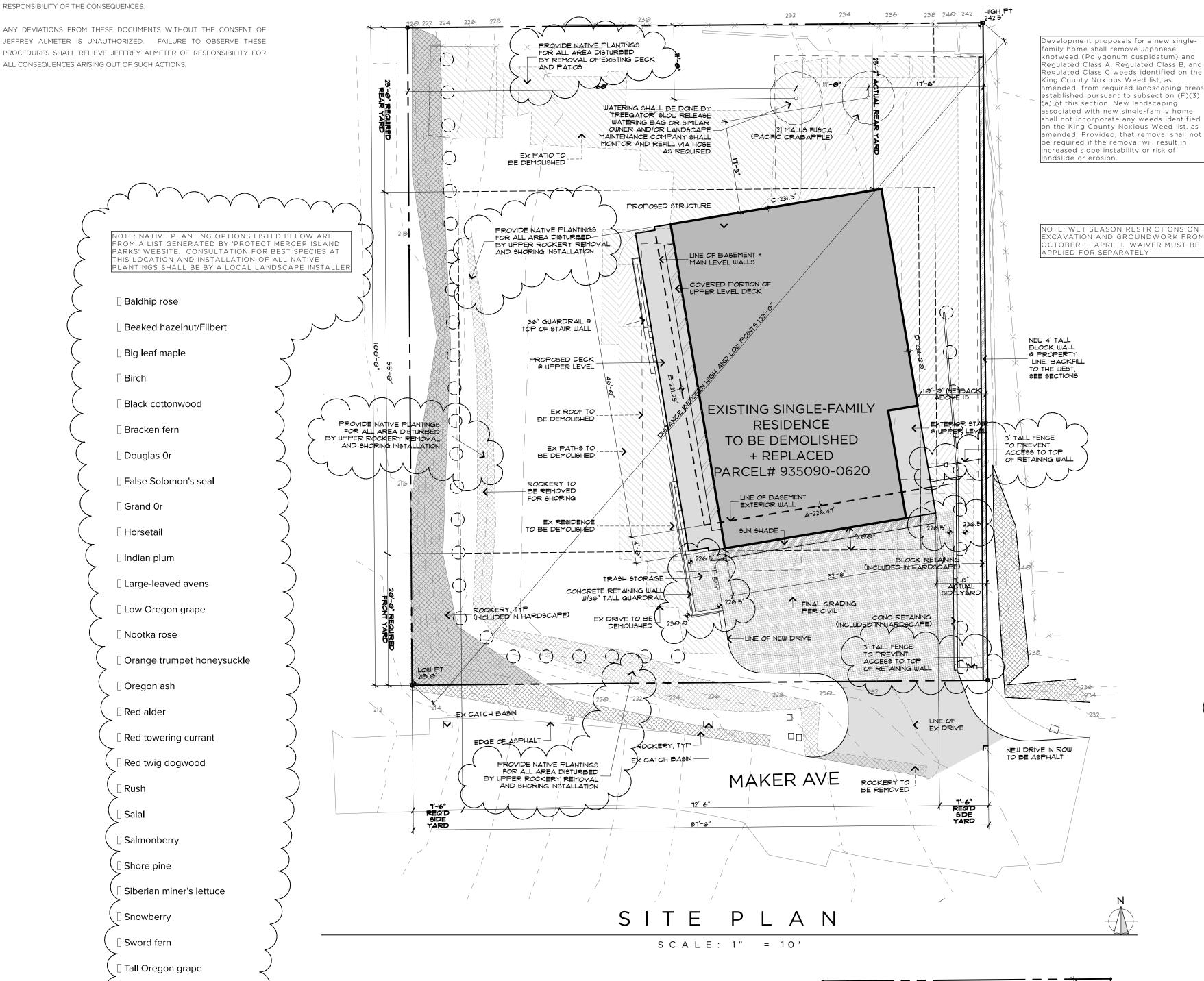
Uine maple

Trailing blackberry

Western red cedar

MERCER RESIDENCE

6950 SE MAKER ST, MERCER ISLAND, WA 98040



_____ EXTERIOR STAIR -PROPOSED BUILDING FOOTPRINT EXCLUDING -UPPER FLOOR OVERHANGS EXTERIOR STAIR -BUFFER FROM OP OF EXISTING FOCKERY PER -PROPOSED BUILDING PAD

S C A L E : 1" = 20'

LOT COVERAGE / IMPERVIOUS CALCS:

LOT AREA	8,750 FT ²
MAXIMUM ALLOWABLE IMPERVIOUS COVERAGE:	(35%) 3,062.50 FT
LOT SLOPE CALCULATION:	20.1% SLOPE
HIGH POINT 242.5	
LOW POINT 215.0	
HORIZONTAL DISTANCE 133'	
EXISTING ROOF IMPERVIOUS SURFACE:	3,010 FT ²
EXISTING DRIVES + WALKS IMPERVIOUS SURFACE:	1,970 FT ²
EXISTING IMPERVIOUS:	4,980 FT ²
EXISTING IMPERVIOUS TO BE REMOVED:	4,980 FT
EXISTING IMPERVIOUS SURFACE TO REMAIN:	O FT

PROPOSED STRUCTURE IMPERVIOUS (INC UPPER DECK): PROPOSED DRIVES IMPERVIOUS: PROPOSED HARDSCAPE: TOTAL PROPOSED IMPERVIOUS: 2,781 FT²

PROPOSED LANDSCAPE AREA (REMAINDER OF LOT (68.2%) 5,969 FT² EXCEPT AREAS OF EXISTING ROCKERY):

HARDSCAPE CALCULATIONS:

TOTAL IMPERVIOUS SURFACE UPON COMPLETION:

LOT AREA	8,750 FT ²
MAXIMUM ALLOWABLE HARDSCAPE AREA:	(9%) 787.5 FT ²
EXISTING ROCKERY AT WESTERN PROPERTY:	496 FT ²
PROPOSED TRASH AREA, STEPS ON GRADE AT SW	91 FT ²
CORNER, STEPS ON GRADE AT NW CORNER, PATH	
BETWEEN STEPS (INCLUDING RETAINING WALLS):	
PROPOSED CONCRETE RETAINING AT DRIVEWAY:	17 FT ²
PROPOSED BLOCK WALL AT EAST PROPERTY:	63 FT ²
TOTAL PROPOSED HARDSCAPE:	(7.6%) 667 FT ²

PROJECT INFO:

PROJECT ADDRESS: 6950 SE MAKER ST MERCER ISLAND, WA 98040

SCOPE OF WORK:

NEW SINGLE FAMILY RESIDENCE

R-8.4

LEGAL DESCRIPTION: WHITE BROS 1ST TO EAST SEATTLE 46-47-48 & W 1/2 OF 49. BLOCK 3, LOT 46

ACCESSOR'S PARCEL NUMBER: 935090-0620

BUILDING CODE + OCCUPANCY: 2018 IRC, IBC, IFC, WSEC. 2018 IMC, IFGC, UPC WILL BE DEFERRED PERMITS BY R-3 SINGLE FAMILY RESIDENTIAL (RESIDENCE)

TYPE OF CONSTRUCTION:

U STORAGE (GARAGE, STORAGE)

TYPE-VB SPRINKLERED - NFPA 13D PROVIDE MONITORED 'CHAPTER 29' NFPA 72 FIRE ALARM SYSTEM

VICINITY MAP:



FLOOR AREAS:

	LOT AREA:	8,750 FT ²
	MAXIMUM ALLOWABLE GFA:	(40%) 3,500 FT ²
	ADDITIONAL GFA FOR ADU:	(5%) 437.5 FT ²
_	TOTAL ALLOWABLE GEA W/ADU:	(45%) 3,937.5 FT
		V
	MAIN RESIDENCE BASEMENT GFA:	[528 FT ²]
-	(INCLUDES STAIRS TO MAIN LEVEL; 81 FT ²)	
(ELEVATOR SHAFT @ BASEMENT:	[20 FT ²]
\rightarrow	GARAGE GFA:	[476 FT ²]
(BASEMENT ADU GFA:	[586 FT ²]
>	BASEMENT SUBTOTAL:	[1,610 FT ²]
	(937.5 FT ² EXCLUDED SEE BELOW):	672 FT ²
7	FIRST FLOOR GFA:	1,649 FT ²
	(EXCLUDE STAIR PER 19.02.020.D.2.c):	(81 FT ²⁾
	ELEVATOR SHAFT:	20 FT ²
\geq	SECOND FLOOR GFA:	1,529 FT ²
	(EXCLUDE ELEVATOR SHAFT):	(20 FT ²⁾
7	SECOND FLOOR COVERED DECK GFA:	66 FT ²
	TOTAL GROSS FLOOR AREA:	(44.9%) 3,936 FT ²

EXCLUSION CALCS

WALL SEGMENT	LENGTH	COVERAGE %	RESULT
А	35'	0%	0'
В	46′	59.37%	27'-3"
С	35′	60.42%	21'-1"
D	46′	100%	46'-0"
TOTALS	162′		94'-4"
		g	94'-4" / 162' = 58.23%
	1	1,610 FT ² X 58.23% = 9 1,610 FT ² -	937.5 FT ² EXCLUDED 937.5 FT ² = 672.5 FT ²

AVERAGE BUILDING ELEVATION CAL

SEGMENT "A" ELEVATION:	226.47'	
SEGMENT "A" LENGTH:	35'	
SEGMENT "A" ELEVATION x LENGTH:	7,926.45 FT ²	
SEGMENT "B" ELEVATION:	231.25′	
SEGMENT "B" LENGTH:	46'	
SEGMENT "B" ELEVATION x LENGTH:	10,637.5 FT ²	
SEGMENT "C" ELEVATION:	231.50′	
SEGMENT "C" LENGTH:	35′	
SEGMENT "C" ELEVATION x LENGTH:	8,102.50 FT ²	
SEGMENT "D" ELEVATION:	236.00′	
SEGMENT "D" LENGTH:	46'	
SEGMENT "D" ELEVATION x LENGTH:	10,856.00 FT ²	
TOTAL OF AGGREGATE ELEVATION:	37,522.45′	
TOTAL OF SEGMENT LENGTHS:	162'	
AVERAGE BUILDING ELEVATION:	231.62′	

PROJECT TEAM:

	CLIENT:
3,750 FT ²	MERCER RESIDENCE
,500 FT ²	6950 SE MAKER ST
437.5 FT ²	MERCER ISLAND, WA 980
,937.5 FT	
\checkmark \checkmark	ARCHITECT / APPLICANT:
528 FT ²]) JEFFREY ALMETER
	9506 13TH AVE NW
[20 FT ²]	SEATTLE, WA 98117
476 FT ²]	303.903.1783
586 FT ²])
,610 FT ²]	SURVEYOR:
672 FT ²) terrane
,649 FT ²	10801 MAIN STREET SUITE
(81 FT ²⁾	BELLEVUE, WA 98004

425.458.4488

425.747.5618

425.462.1080

GEOTECHNICAL ENGINEER: GEOTECH CONSULTANTS - ADAM MOYER SEATTLE, WA 98102

GOLDSMITH ENGINEERING - MARK BARBER 11400 SE 8TH ST, SUITE 450 BELLEVUE, WA 98004

STRUCTURAL ENGINEER: DS ENGINEERING - DON SHIN 3121 147TH PLACE SE MILL CREEK, WA 98012 425.338.4776

CONTRACTOR:

SHEET INDEX:

LCS:	A1.0	PROJECT INFORMATION
LCJ.	A1.1	ENERGY FORMS
		SURVEY
226.47'	SH1	SHORING PLAN AND SECTIONS
35′	SH2	SHORING NOTES + DETAILS
7,926.45 FT ²	SH3	PERMANENT SHORING PLAN
231.25′	C-1	TESC PLAN
46′	C-2	GRADING + DRAINAGE + UTILITY PLAN
10,637.5 FT ²	C-3	PROFILES AND SECTIONS
231.50′	C-4	DETAILS AND NOTES
35′	A2.0	BASEMENT FLOOR PLAN
8,102.50 FT ²	A2.1	FIRST FLOOR PLAN
236.00′	A2.2	SECOND FLOOR PLAN
46′	A2.3	ROOF PLAN
10,856.00 FT ²	A3.1	BUILDING ELEVATIONS
	A3.2	BUILDING SECTIONS
37,522.45′	S1.0	GENERAL STRUCTURAL NOTES + DETAILS
162′	S1.1	SECTIONS + DETAILS
	S1.2	SECTIONS + DETAILS (1)
231.62′	S2.0	FOUNDATION + FIRST FLOOR FRAMING PLANS
	S2.2	SECOND FLOOR + ROOF FRAMING PLANS

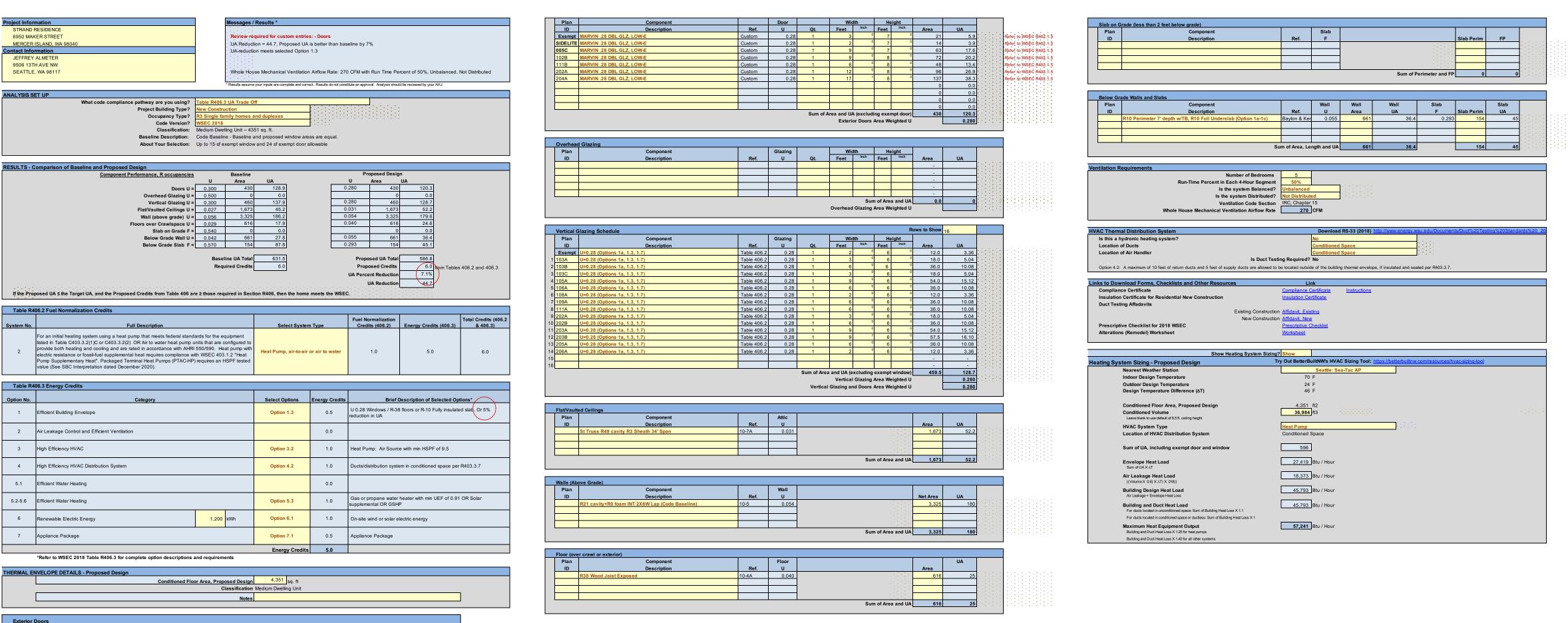
ROJECT INFORMATION

A1.0	PROJECT IN ORMATION
A1.1	ENERGY FORMS
	SURVEY
SH1	SHORING PLAN AND SECTIONS
SH2	SHORING NOTES + DETAILS
SH3	PERMANENT SHORING PLAN
C-1	TESC PLAN
C-2	GRADING + DRAINAGE + UTILITY PLAN
C-3	PROFILES AND SECTIONS
C-4	DETAILS AND NOTES
A2.0	BASEMENT FLOOR PLAN
A2.1	FIRST FLOOR PLAN
A2.2	SECOND FLOOR PLAN
A2.3	ROOF PLAN
A3.1	BUILDING ELEVATIONS
A3.2	BUILDING SECTIONS
S1.0	GENERAL STRUCTURAL NOTES + DETAILS
S1.1	SECTIONS + DETAILS
S1.2	SECTIONS + DETAILS (1)

ARCHITECT JEFFREY P. ALMETER State of Washington

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RELEASE 21 MARCH 2022 PERMIT CORRECTIONS 20 FEBRUARY 2023 PERMIT CORRECTIONS 2 JUNE 2023



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/Users/jalmeter/Dropbox/JA JOBS/Strand - Mercer Island/05 PERMITS/03 COLLATERAL/STRAND 2.xlsm 4/13/2021

10651 \ REGISTERED

JEFFREY P. ALMETER State of Washington

ARCHITECT

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RELEASE 21 MARCH 2022 PERMIT CORRECTIONS 20 FEBRUARY 2023 PERMIT CORRECTIONS 2 JUNE 2023

LEGAL DESCRIPTION

(PER PERSONAL REPRESENTATIVE DEED RECORDING# 20210415002461)

LOTS 46, 47, 48 AND THE WEST ONE-HALF OF LOT 49 IN BLOCK 3 OF WHITE BROTHERS FIRST ADDITION TO EAST SEATTLE, AS PER PLAT RECORDED IN VOLUME 4 OF PLATS, PAGE 100, RECORDS OF KING COUNTY AUDITOR;

SITUATE IN THE CITY OF MERCER ISLAND, COUNTY OF KING, STATE OF WASHINGTON.

BASIS OF BEARINGS

HELD N 88°48'41" W BETWEEN MONUMENTS FOUND ON THE CENTERLINE OF SE 32ND ST PER GPS OBSERVATIONS, NAD83/2011 WASHINGTON STATE PLANE, NORTH ZONE.

REFERENCES

- R1. RECORD OF SURVEY, VOL. 133, PG. 28, R2. RECORD OF SURVEY, VOL. 7, PG. 171,
- R3. PLAT OF WHITE & NOBLES FIRST ADD., REC. NO. 1889050232489, RECORDS OF KING COUNTY, WASHINGTON.

VERTICAL DATUM

NAVD88, PER GPS OBSERVATIONS.

SURVEYOR'S NOTES

- 1. THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED IN MAY OF 2021. 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. 9350900620.
- 5. SUBJECT PROPERTY AREA PER THIS SURVEY IS 8,750± S.F. (0.20 ACRES)
- 6. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT. EASEMENTS AND OTHER ENCUMBRANCES MAY EXIST THAT ARE NOT SHOWN HEREON.
- . FIELD DATA FOR THIS SURVEY WAS OBTAINED BY DIRECT FIELD MEASUREMENTS WITH A CALIBRATED ELECTRONIC 5-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

AREA DRAIN	× NAIL AS NOTED
ASPHALT SURFACE	PAVER SURFACE
<u> </u>	P POWER METER
CENTERLINE ROW	
COL COLUMN	ROCKERY
CONCRETE SURFACE	
RETAINING WALL	SEWER MANHOLE
DECK	
─────── FENCE LINE (WOOD)	SCOO SEWER CLEANOUT
G ☐ GAS METER	SIZE TYPE (O) TREE (AS NOTED)
□ INLET (TYPE 1)	
MONUMENT IN CASE (FOUND)	WM□ WATER METER
MONUMENT (SURFACE, FOUND)	WVM WATER VALVE

VICINITY MAP N.T.S.

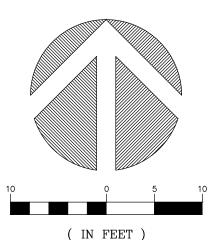


TOPOGRAPHIC & BOUNDARY SURVEY

SURFACE MON VISITED 06-20-13

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.



1 INCH = 10 FT.

FOUND IRON PIPE, <

0.21'N & 0.42'W

OF PROP COR

WALL

OF PROP COR

(0.3'N

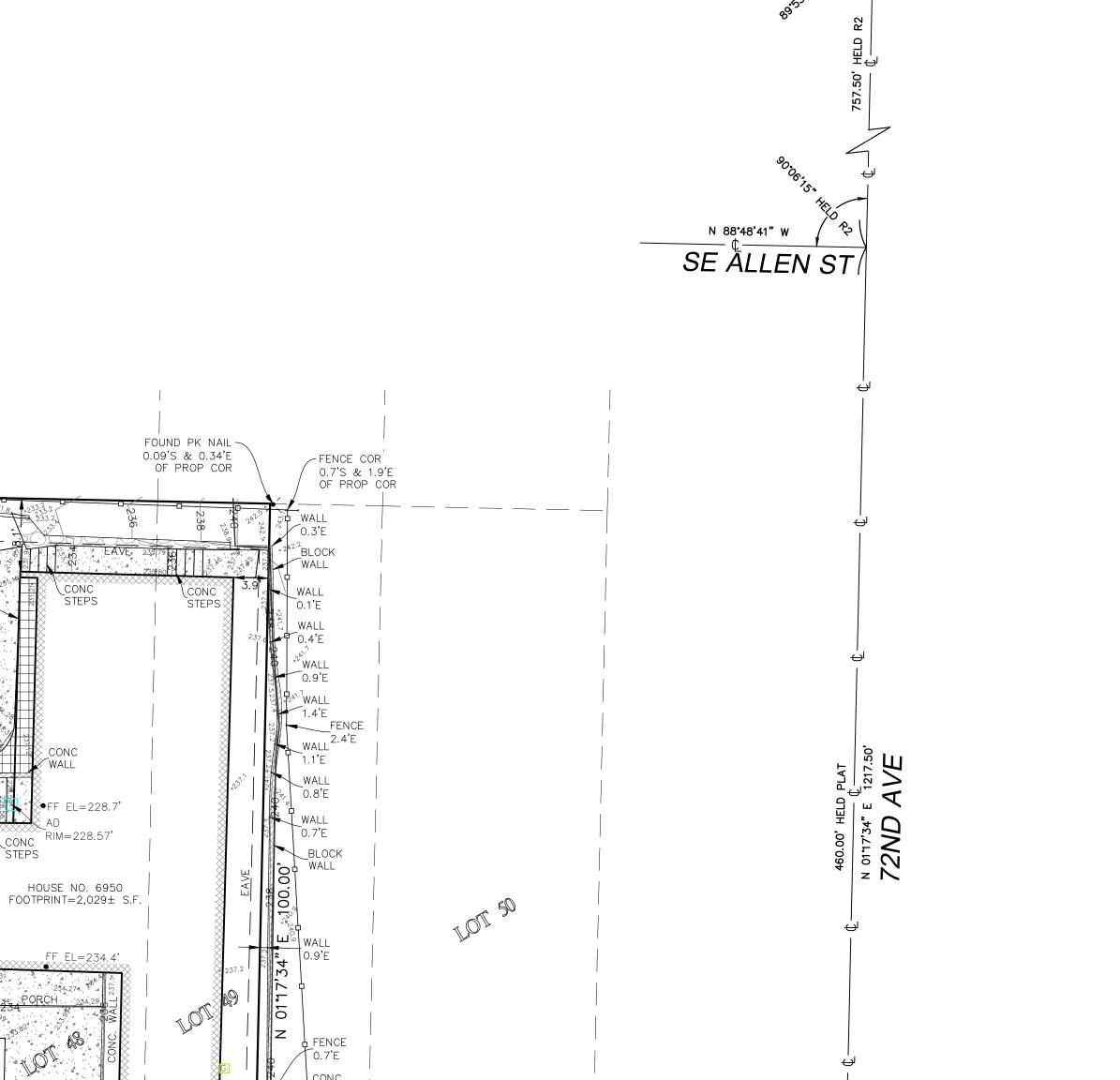
IE(W.) 12"DI=222.03'

RIM=226.83'-

IE(E./W.) 8"CONC=221.33'(C.C.)

N 88°48'40" W 87.50'

OVERHANG



BASIS OF BEARINGS

SE 32ND ST

N 88'48'41" W 1343.02' MEAS. (1342.95' R1)

FOUND MON IN CASE

BRASS DISK, DOWN 1.85'

JOB NUMBER:

DRAFTED BY:

CHECKED BY:

INDEXING INFORMATION

SECTION: 12

TOWNSHIP: 24N RANGE: <u>04E, W.M.</u> COUNTY: KING

NW 1/4 <u>SW</u> 1/4

REVISION HISTORY

SHEET NUMBER 1 OF 1

11/8/22 ADD CATCH BASIN

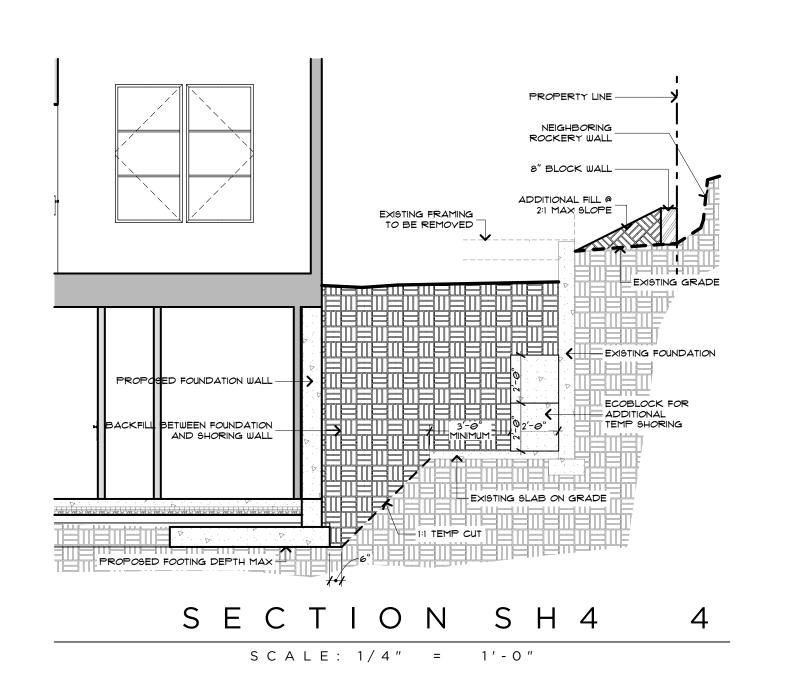
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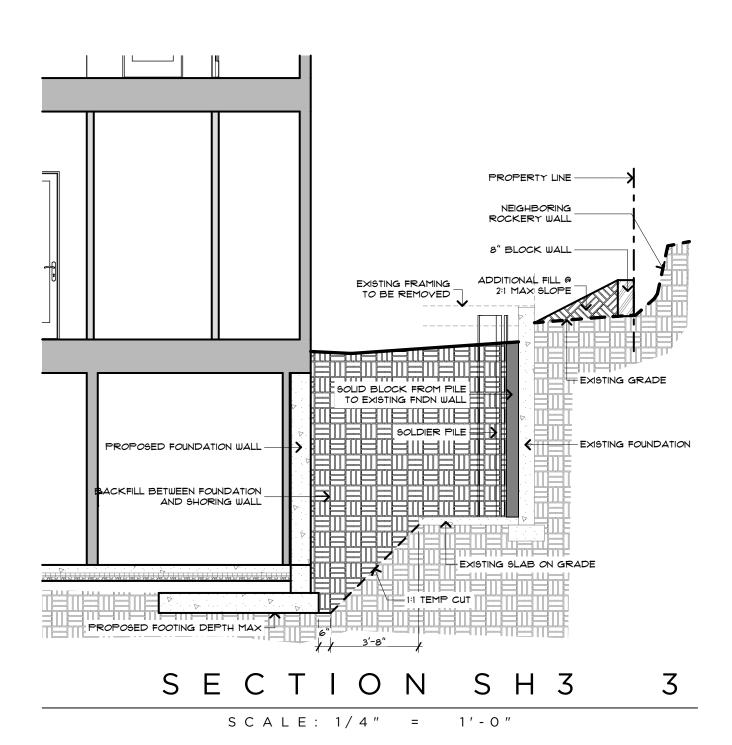
05/27/2021

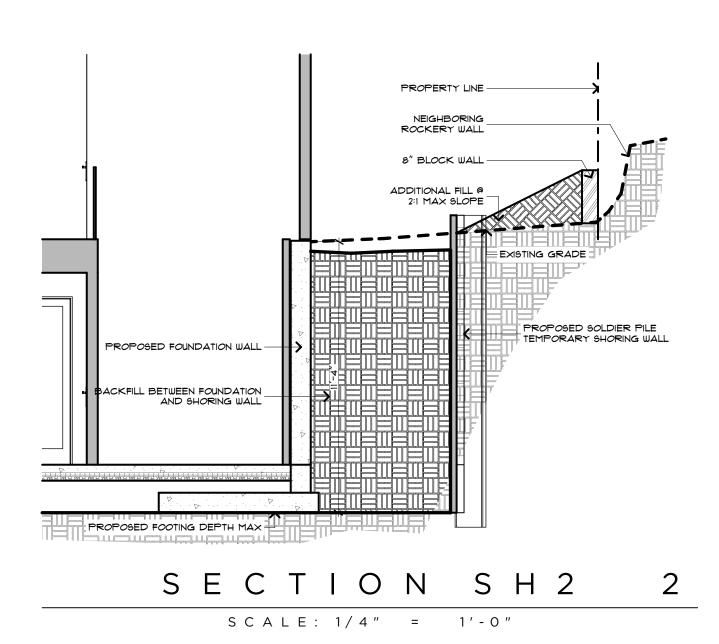
TBR / JGM

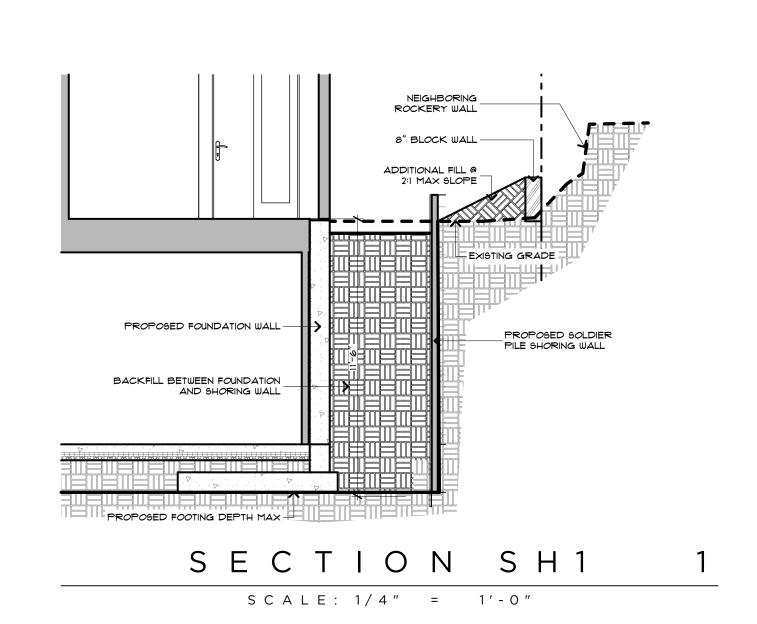
1" = 10'

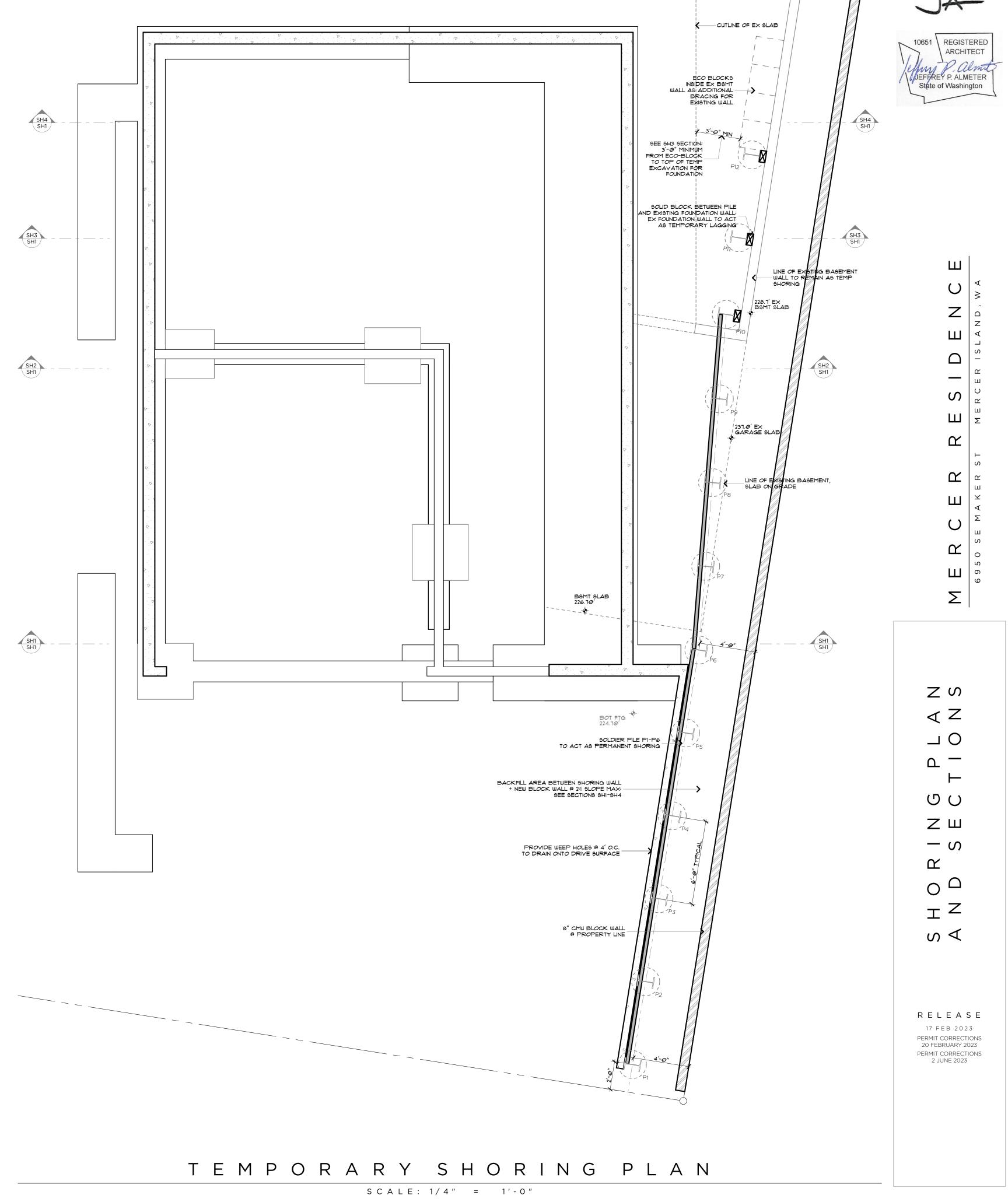












S H 1

General Structural Notes

The Following Apply Unless Noted Otherwise on the Drawings

Criteria

- 1. CODE REQUIREMENTS: ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2018 EDITION.
- 2. REFERENCE DOCUMENTS:
- a. TOPOGRAPHIC AND BOUNDARY SURVEY BY Terrane DATED May 27, 2021 b. REPORT ON GEOTECHNICAL INVESTIGATION BY Geotech Consultants, INC, DATED MARCH 21 2022, (Proj #JN-22007)
- 3. DESIGN LOADS: THE SOIL PRESSURE INDICATED ON THE SOIL PRESSURE DIAGRAMS WHERE USED FOR DESIGN.
- 4. SOILS INSPECTION: INSPECTION BY THE SOILS ENGINEER SHALL BE PERFORMED FOR PILE PLACEMENT. ALL PREPARED SOIL BEARING SURFACES SHALL BE INSPECTED BY THE SOILS ENGINEER PRIOR TO PLACEMENT OF PILE. SOIL COMPACTION SHALL BE SUPERVISED/TESTED BY THE GEOTECHNICAL ENGINEER.
- 5. SPECIAL INSPECTION: SPECIAL INSPECTION OF THE FOLLOWING TYPES OF CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS 110 AND 1701 OF THE INTERNATIONAL BUILDING CODE AND THE PROJECT SPECIFICATIONS BY A OUALIFIED TESTING AGENCY DESIGNATED BY THE ARCHITECT. AND RETAINED BY THE BUILDING OWNER. THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING DEPARTMENT SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION AND TEST RESULTS.

-STRUCTURAL STEEL FABRICATION AND ERECTION (INCLUDING FIELD WELDING AND HIGH-STRENGTH FIELD BOLTING)

- 6. UTILITY LOCATION: THE SHORING CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL ADJACENT UNDERGROUND UTILITIES PRIOR TO DRILLING PILE HOLES OR CUTTING OR DIGGING IN STREETS OR ALLEYS. THE UTILITIES INFORMATION SHOWN ON THE PLANS MAY BE NOT COMPLETE.
- 7. SPECIAL CONDITIONS: CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF EXISTING STRUCTURES IN THE FIELD AND SHALL NOTIFY THE ENGINEER OF ALL FIELD CHANGES PRIOR TO FABRICATION AND INSTALLATION.
- 8. SOILS: SEE REPORT OF GEOTECHNICAL INVESTIGATION FOR MORE COMPLETE INFORMATION, INCLUDING RECOMMENDATIONS FOR SHORING IN GENERAL, SHORING MONITORING, EXCAVATION, LAGGING, AND DRAINAGE.
- 9. SAWN LUMBER: SAWN LUMBER SHALL CONFORM TO "GRADING AND DRESSING RULES,"WEST COAST LUMBER INSPECTION BUREAU (WCLIB), LATEST EDITION. LUMBER SHALL BE THE SPECIES AND GRADE NOTED IN THE LAGGING TABLE.

TIMBER LAGGING SHALL BE PRESSURE TREATED WITH WATERBORNE PRESERVATIVES IN ACCORDANCE WITH AWPB STANDARD U1 AND SHALL MEET A USE CATEGORY OF UC4B OR BETTER. LAGGING SHALL BE 4X10 UNLESS OTHERWISE NOTED ON DRAWINGS.

- 10. STEEL SPECIFICATIONS: DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING SPECIFICATIONS:
- a. STRUCTURAL STEEL: AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS--ALLOWABLE STRESS DESIGN.
- b. WELDING: AWS D1.1.(AWS PREQUALIFIED JOINT DETAILS USE 1/4" MINIMUM WELDS UNLESS NOTED OTHERWISE).
- c. WELDER CERTIFICATION: WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO).vv
- 11. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

TVDE OF MEMBER	ACTM CDECIFICATION	Б. <i>(</i>
TYPE OF MEMBER	ASTM SPECIFICATION	<u>Fy</u>
WIDE FLANGE	A992	50 KSI
PIPE	A53	35 KSI
PLATES, SHAPES, ANGLES, AND RODS	A36	36 KSI
STRUCTURAL BOLTS	A325-N	
WOOD CONNECTION BOLTS	A307	
WELDING ELECTRODES	E70XX	

Concrete

1. CONCRETE: CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF CHAPTER 19 OF THE 2018 IBC. CONCRETE STRENGTHS SHALL BE VERIFIED BY STANDARD CYLINDER TESTS, UNLESS APPROVED OTHERWISE. REQUIRED ULTIMATE COMPRESSIVE STRENGTH OF STRUCTURAL GROUT SHALL BE REACHED BY 7 DAYS FOR TIEBACKS AND 28 DAYS FOR PILES.

f'c	Minimum Cement	Max. Water	Per Use
(psi)	Per Cubic Yard	94 LB Cement	
3,000	1-1/2 Sacks 6 Sacks (PILING)	 6 Gallons	Pile lean concrete Pile struct. grout

CONCRETE WALL SHALL ATTAIN A 28-DAY STRENGTH OF f'c=3,000 PSI

AS AN ALTERNATIVE TO THE ABOVE, THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR APPROVAL TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE ALTERNATE MIX DESIGN WILL BE REVIEWED FOR CONFORMANCE TO ACI 318 Ch. 5 WITH SBC REVISIONS.

- 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 4.2.1 MODERATE EXPOSURE.
- 3. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, fy=60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, fy=40,000 PSI. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. SPIRAL REINFORCEMENT SHALL BE PLAIN WIRE CONFORMING TO ASTM A615, GRADE 60, fy=60,000 PSI.

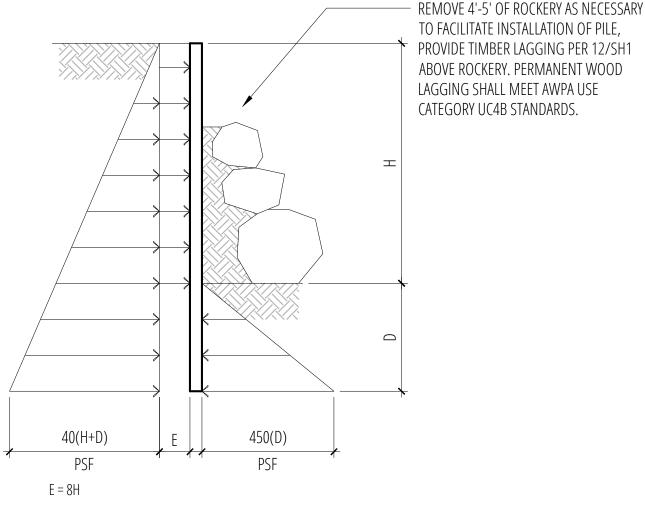
Pipe and Lagging Construction

- 1. DEMOLITION: SHORING AND SOIL EXCAVATION SHALL BE DONE SIMULTANEOUSLY.
- 2. VERIFICATION: DIMENSIONS AND LOCATION OF EXISTING STRUCTURES SHALL BE VERIFIED PRIOR TO FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBER. NOTIFY ENGINEER ABOUT ANY DISCREPANCIES PRIOR TO FABRICATION.
- 3. STEEL PILE PLACEMENT TOLERANCES:
 - 1" INSIDE PERPENDICULAR TO SHORING WALL. 1" OUTSIDE PERPENDICULAR TO SHORING WALL 3" LATERALLY.
- 4. LAGGING: TIMBER LAGGING SHALL BE INSTALLED IN ALL AREAS. VOIDS BETWEEN LAGGING AND SOIL SHALL BE BACKFILLED PER THE GEOTECHNICAL ENGINEERS RECOMMENDATIONS. DRAINAGE BEHIND THE WALL MUST BE MAINTAINED. IT IS CONTRACTOR'S RESPONSIBILITY TO LIMIT THE AMOUNT OF EXPOSED SOIL WITHOUT LAGGING TO AVOID LOSS OF SOIL. MAXIMUM HEIGHT OF 4 FEET IS RECOMMENDED. SPECIAL CARE SHOULD BE TAKEN TO AVOID GROUND LOSS DURING EXCAVATION.
- 5. SHORING MONITORING: A SYSTEMATIC PROGRAM OF OBSERVATION SHALL BE CONDUCTED DURING THE PROJECT EXECUTION TO DETERMINE THE EFFECT OF CONSTRUCTION ON ADJACENT FACILITIES AND STRUCTURES IN ORDER TO PROTECT THEM FROM DAMAGE. REFER TO REPORT OF GEOTECHNICAL INVESTIGATION FOR RECOMMENDATIONS. FIELD DATA AND MEASUREMENTS ARE TO BE SUBMITTED TO STRUCTURAL AND GEOTECHNICAL ENGINEER FOR REVIEW.

MONITORING PLAN SHALL INCLUDE THE FOLLOWING:

HAS BEEN DEFINED AS ACCEPTABLE BY THE DESIGN TEAM.

- THE TOP OF EVERY OTHER PILE SHALL BE MONITORED. - MULTIPLE REFERENCE POINTS SHOULD BE ESTABLISHED SUFFICIENTLY FAR AWAY FROM THE SHORING TO ACT AS CONTROL POINTS FOR THE MONITORING PLAN - ESTABLISH A BASELINE READING OF MONITORING POINTS ON THE GROUND SURFACE AND SETTLEMENT-SENSITIVE STRUCTURES BEHIND THE SHORING WALL ALIGNMENT PRIOR TO EXCAVATION AND INSTALLATION OF THE SHORING SYSTEMS. - A LICENSED SURVEYOR MUST DO THE SURVEYING AT LEAST ONCE A WEEK. - SURVEY FREQUENCY CAN BE DECREASED AFTER THE SHORING SYSTEM HAS BEEN INSTALLED AND EXCAVATION IS COMPLETE IF THE DATA INDICATES LITTLE OR NO ADDITIONAL MOVEMENT. SURVEYING MUST CONTINUE UNTIL THE PERMANENT STRUCTURE IS COMPLETE UP TO THE TOP OF THE SHORING WALL. THE SURVEY FREQUENCY WILL BE DETERMINED BY THE GEOTECHNICAL ENGINEER AFTER REVIEW AND APPROVAL BY THE CITY OF MERCER ISLAND BUILDING OFFICIAL. (COMIBO) - THE GEOTECHNICAL ENGINEER SHALL REVIEW SURVEY DATA AND PROVIDE AN EVALUATION OF WALL PERFORMANCE ALONG WITH SURVEY DATA TO COMIBO ON AT LEAST A WEEKLY BASIS. IMMEDIATELY AND DIRECTLY, NOTIFY COMIBO IF ANY UNUSUAL OR SIGNIFICANTLY INCREASED MOVEMENT OCCURS. - IMMEDIATELY AND DIRECTLY NOTIFY THE GEOTECHNICAL AND STRUCTURAL ENGINEERS, IF 0.5 INCHES OF MOVEMENT OCCURS BETWEEN TWO CONSECUTIVE READINGS AND WHEN TOTAL MOVEMENTS REACH 0.5 INCH. AT THAT AMOUNT OF MOVEMENT, THE ENGINEERS AND DESIGNERS SHALL DETERMINE THE CAUSE OF DISPLACEMENT AND DEVELOP REMEDIAL MEASURES SUFFICIENT TO LIMIT TOTAL WALL MOVEMENTS TO WHAT

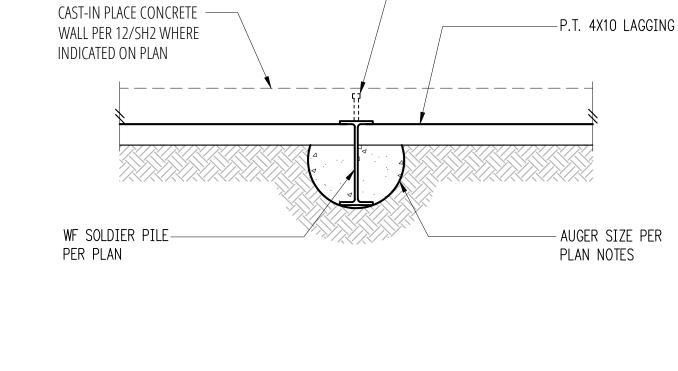


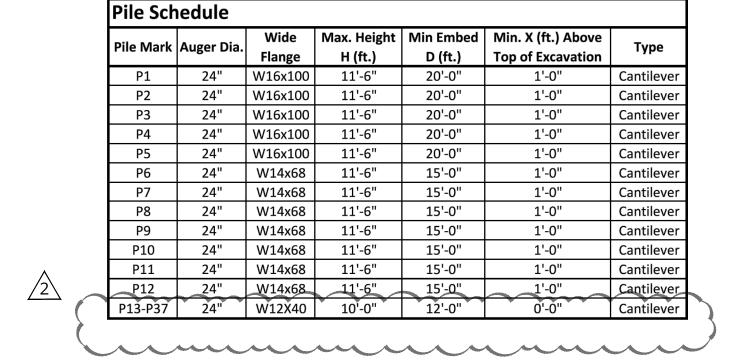
ACTIVE PRESSURE PASSIVE PRESSURE

SAFETY FACTOR = 1.5 & 1.2 FOR SEISMIC LOAD CASE

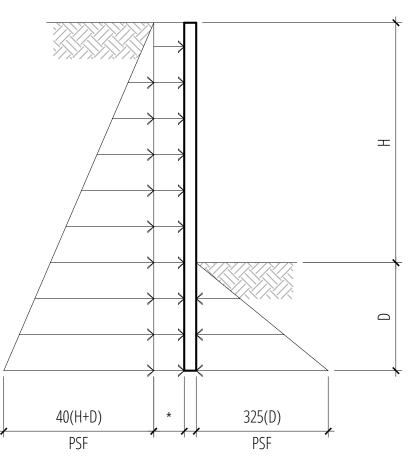


SCALE: 3/4"=1'-0"





Pile Schedule

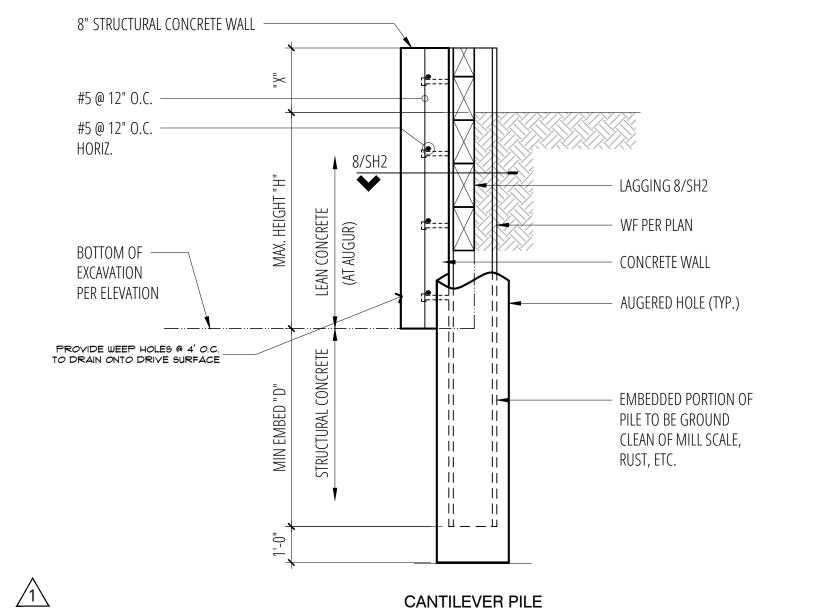


* - SURCHARGE VARIES BETWEEN 80PSF AND 200 PSF ACTIVE PRESSURE PASSIVE PRESSURE

Pile Loading Diagram

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

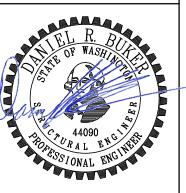
Typical Pile Plan



Cantilever Pile

ENGINEERING 4303 Stone Way N

Seattle, WA 98103 206.258.6333



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SI

95 er

¾"ø NELSON S3L x 5 ¾"

STUDS @ 12" O.C.

No. Date Issue 1/30/23 Permit /1\ 4/21/23 Corrections $\sqrt{2}$ 5/17/23 Corrections

Sheet Contents

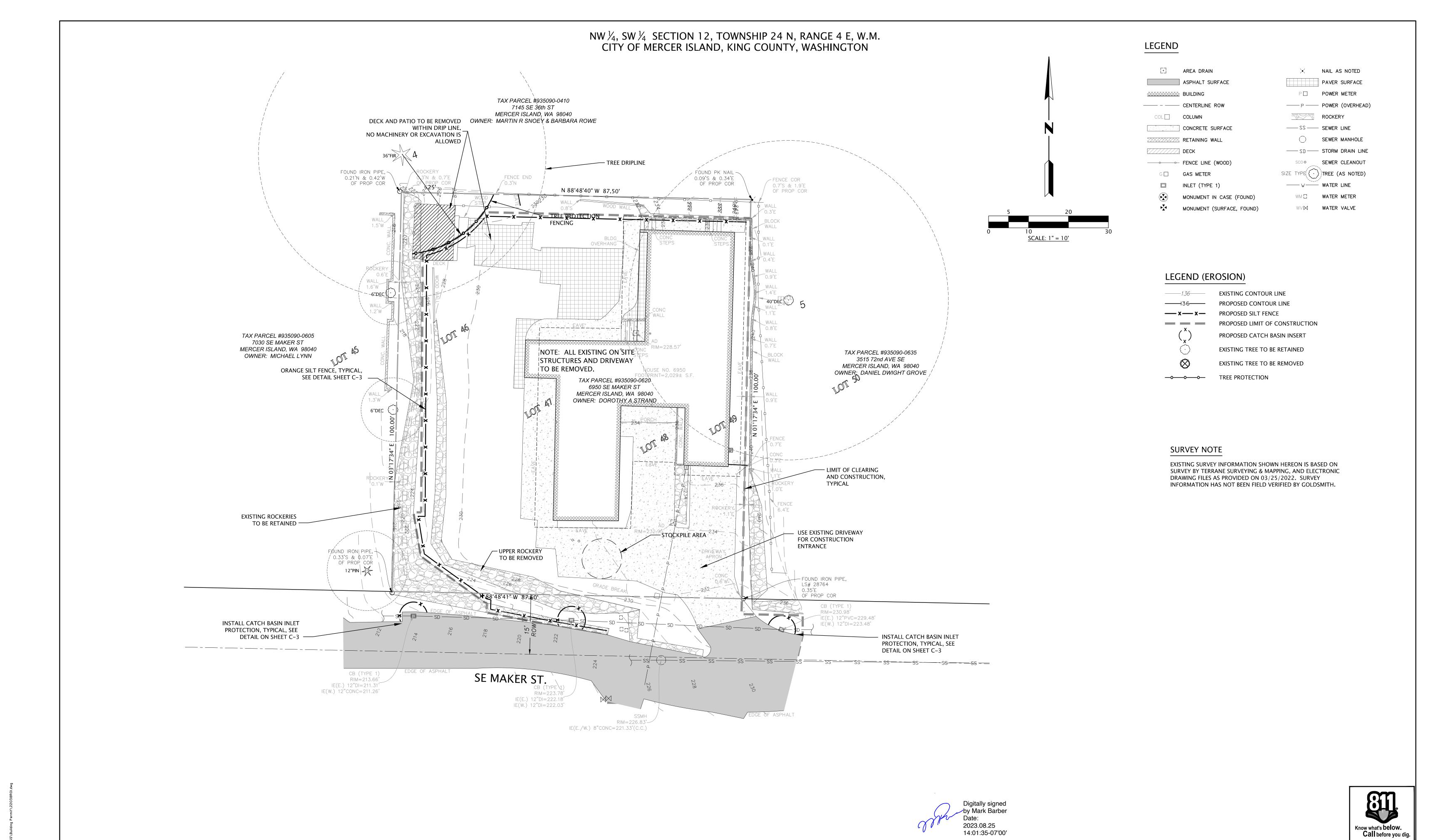
SHORING NOTES & DETAILS

Sheet No.



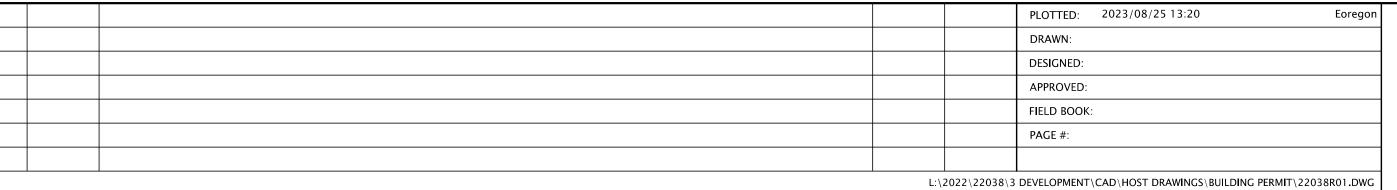
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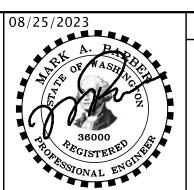
R E L E A S E
PERMIT CORRECTIONS
2 JUNE 2023





T 425 462 1080 www.goldsmithengineering.com





DOROTHY STRAND

TESC PLAN FOR

STRAND PROPERTY
6950 SE MAKER ST., CITY OF MERCER ISLAND

C-

JOB NO. 22038

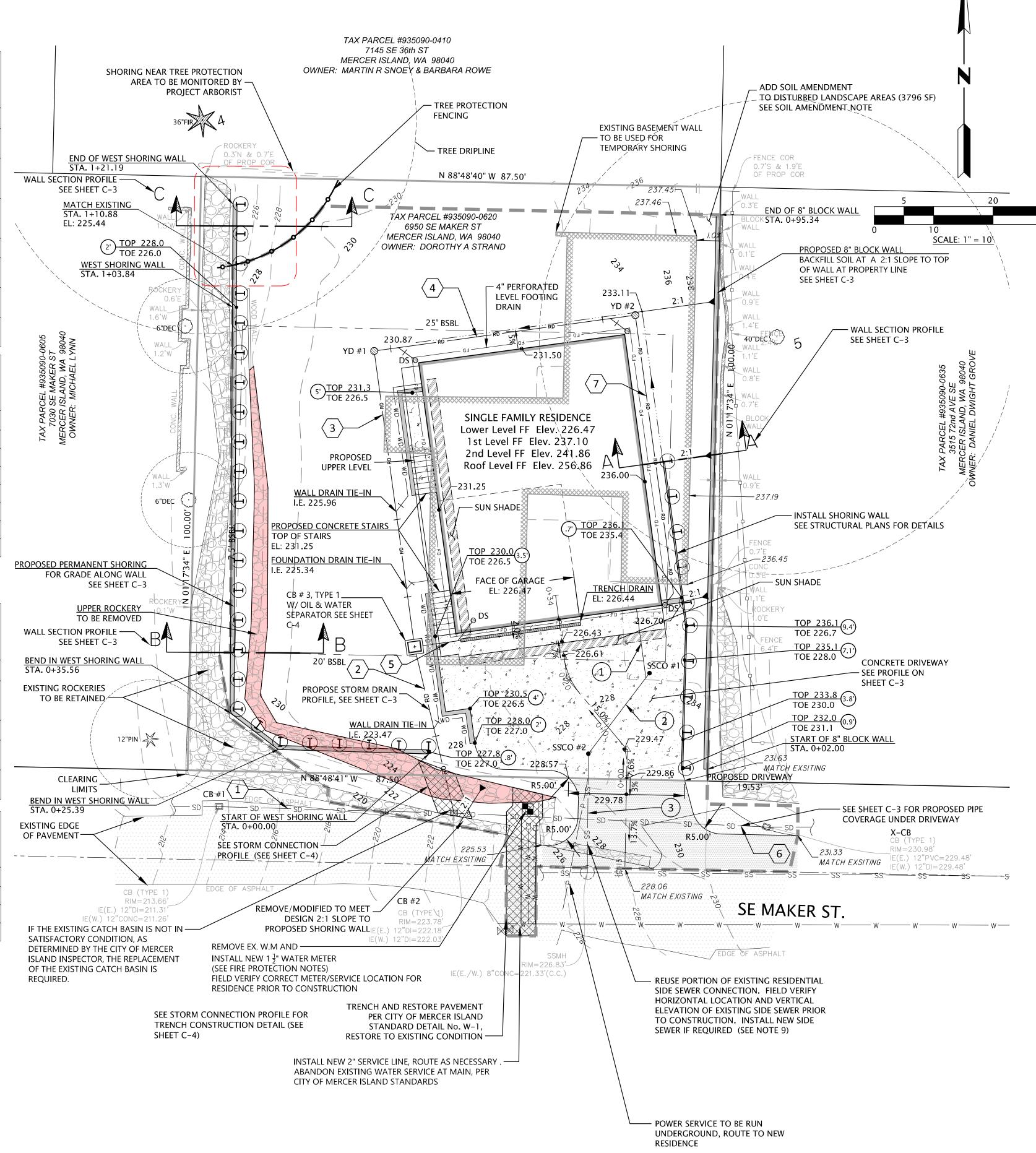
KING COUNTY, WASHINGTON

STORM & ROOF DRAINAGE SYSTEM STRUCTURE TABLE				
NAME	ТҮРЕ	VERTICAL	I.E. IN / OUT	
CB # 1	TYPE 1, EXISTING	RIM = 213.66	12" SD D.I. IN (E) = 211.31 12" CONC. D.I. OUT (W) = 211.26	
CB # 2	TYPE 1, EXISTING TIE INTO	RIM = 223.78	12" EX. SD D.I. IN (E) = 222.18 6" SD PVC IN (N) = 222.03 12" SD D.I. OUT (W) = 222.03	
CB # 3	TYPE 1, W/ OIL& WATER SPERATOR	RIM = 230.77	4" RD PVC IN (N) = 224.90 4" TRENCH RD PCV IN (E) = 224.90 6" SD PVC OUT (S) = 224.90	
TRENCH DRAIN	TRENCH DRAIN	RIM = 226.44	4" TRENCH RD PCV OUT (W) = 225.60	
X-CB	TYPE I CB	RIM = 230.98	12" PVC IN (E) = 229.48 12" EX. SD D.I. OUT (W) = 229.48	
YD # 1	YARD DRAIN	RIM = 230.68	4" RD PVC IN (E) = 227.25 4" RD PVC OUT (S) = 227.25	
YD # 2	YARD DRAIN	RIM = 233.08	4" RD PVC IN (S) = 230.57 4" RD PVC OUT (W) = 230.57	

STORM & ROOF DRAINAGE SYSTEM PIPE TABLE						
PIPE	SIZE	LENGTH	PIPE INFORMATION			
1	12"	40 LF	SD D.I. @ 27.09%			
2	6"	29 LF	SD PVC @ 9.97%			
3	4"	50 LF	RD PVC @ 4.68%			
4	4"	44 LF	RD PVC @ 7.46%			
5	4"	8 LF	TRENCH RD PCV @ 8.91%			
6	12"	53 LF	EX. SD D.I. @ 13.87%			
7	4"	47 LF	RD PVC @ 5.75%			

SANITARY SEWER SYSTEM STRUCTURE TABLE					
NAME	ТҮРЕ	VERTICAL	I.E. IN / OUT		
EX-SSMH # 1	SSMH, EXISTING	RIM = 226.83	6" PVC IN (N) = 221.91 8" D.I. IN (E) = 221.33 8" D.I. OUT (W) = 221.33		
HOUSE	LOWER LEVEL FF	RIM = 226.47	6" PVC OUT (S) = 222.86		
SSCO # 1	CLEAN OUT W/ TRAFFIC RATED LID	RIM = 227.93	6" PVC IN (N) = 222.63 6" PVC OUT (SW) = 222.63		
SSCO # 2	CLEAN OUT W/ TRAFFIC RATED LID	RIM = 228.70	6" PVC IN (NE) = 222.31 6" PVC OUT (S) = 222.31		

SANITARY SEWER SYSTEM PIPE TABLE						
PIPE	SIZE	LENGTH	PIPE INFORMATION			
1	6"	12 LF	PVC @ 2.00%			
2	6"	16 LF	PVC @ 2.00%			
3	6"	20 LF	PVC @ 2.00%			



NOTES

- DEMOLISH EXISTING HOUSE, PATIO, DECK, WALKWAY, WALL AND DRIVEWAY PRIOR TO PROPOSED CONSTRUCTION.
- 2. SITE AREA: 8,750 SF (0.20 AC)

EX. ROCKERY / WALL

3. IMPERVIOUS CALCULATIONS:

ON-SITE
HOUSE = 1,888 SF
CONCRETE DRIVEWAY = 804 SF
DECK = 61 SF
STAIRS = 13 SF
RETAINING WALLS = 49 SF
NEW AND REPLACED SUBTOTAL = 2,815 SF

TOTAL IMPERVIOUS = 3,537 SF (40% OF LOT AREA)

OFF-SITE

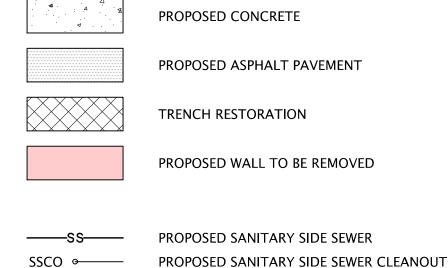
ASPHALT DRIVEWAY = 485 SF TOTAL PROJECT IMPERVIOUS = 4,022 SF

- 4. EARTHWORK QUANTITY: CUT = 662.75 CY FILL = 19.92 CY
- 30 5. ROOF DRAIN PIPES SHALL MEET MATERIAL STANDARDS FOR SDR35 FOR PVC PIPE AND N-12 FOR SMOOTH-BORE HDPE PIPE.
- 6. FOOTING DRAIN PIPES SHALL MEET MATERIAL STANDARDS FOR D2729 FOR PVC, WITH THE PERFORATIONS DIRECTED DOWNWARD.

= 736 SF

- 7. CONTRACTOR SHALL COMPLY WITH THE CITY OF MERCER ISLAND "STORM DRAINAGE REQUIREMENTS" FOR ALL NEW CONSTRUCTION OF DRAINAGE SYSTEM IMPROVEMENTS, INCLUDING ROOF DRAINS, FOOTING DRAINS, AND DRIVEWAY/PARKING AREA DRAINS.
- 8. CONTRACTOR TO COORDINATE EXACT LOCATION OF THE NEW METER WITH THE CITY'S WATER DEPARTMENT DURING CONSTRUCTION.
- 9. THE TV INSPECTION OF THE EXISTING SIDE SEWER TO THE CITY SEWER MAIN ON SE MAKER ST IS REQUIRED PRIOR TO ANY WORK RELATED TO THE SIDE SEWER. IF THE RESULT OF THE TV INSPECTION IS NOT IN SATISFACTORY CONDITION, AS DETERMINED BY THE CITY OF MERCER ISLAND INSPECTOR, THE REPLACEMENT OF THE EXISTING SIDE SEWER IS REQUIRED.

LEGEND (DEVELOPED)



PROPOSED WATER SERVICE LINE
PROPOSED WATER METER
PROPOSED YARD DRAIN
PROPOSED ROOF DRAIN PIPE
RDCO PROPOSED ROOF DRAIN CLEANOUT
PROPOSED FOOTING DRAIN PIPE
FDCO PROPOSED FOOTING DRAIN PIPE
PROPOSED FOOTING DRAIN PIPE
PROPOSED DOWNSPOUT

PROPOSED CATCH BASIN, TYPE I

PROPOSED CONTOUR LINE

FIRE PROTECTION NOTES:

FIRE SPRIKLER REQUIRED

BUILDER AND FIRE PROTECTION DESIGNER TO CONFIRM METER AND WATER SERVICE SIZE PRIOR TO CONSTRUCTION OF WATER SERVICE

SURVEY NOTE

EXISTING SURVEY INFORMATION SHOWN HEREON IS BASED ON SURVEY BY TERRANE SURVEYING & MAPPING, AND ELECTRONIC DRAWING FILES AS PROVIDED ON 03/25/2022. SURVEY INFORMATION HAS NOT BEEN FIELD VERIFIED BY GOLDSMITH.

TEMPORARY SHORING

TEMPORARY SHORING SHALL BE INSTALLED AT THE DIRECTION OF THE PROJECT GEOTECHNICAL ENGINEER.

SOIL AMENDMENT NOTE

STOCKPILE AND COMPOST AMENDED DISTURBED LANDSCAPED AREAS PER CITY OF MERCER ISLAND POST-CONSTRUCTION SOIL MANAGEMENT

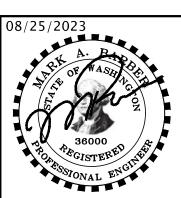
TOP SOIL LAYER SHALL HAVE A MINIMUM DEPTH OF 8" AND A ORGANIC CONTENT OF 5% IN TURF AREAS AND 10% IN PLANTER BEDS. SUBSOIL BELOW TOP SOIL LAYER SHALL BE SCARIFIED TO A DEPTH OF 4" BELOW TOPSOIL LAYER. PLANTER BEDS SHALL BE MULCH WITH 2" OF ORGANIC MATERIAL.

THE LAWN AND LANDSCAPE AREAS ARE REQUIRED TO PROVIDE POST-CONSTRUCTION SOIL QUALITY AND DEPTH IN ACCORDANCE WITH BMP T5.13. THE PROJECT CIVIL ENGINEER MUST PROVIDE A LETTER OF CERTIFICATION TO ENSURE THAT THE LAWN AND LANDSCAPE AREAS ARE MEETING THE POST-CONSTRUCTION SOIL QUALITY AND DEPTH REQUIREMENTS SPECIFIED ON THE APPROVED PLAN SET PRIOR TO FINAL INSPECTION OF THE PROJECT.





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GRADING, DRAINAGE AND UTILITY PLAN

DOROTHY STRAND

STRAND PROPERTY

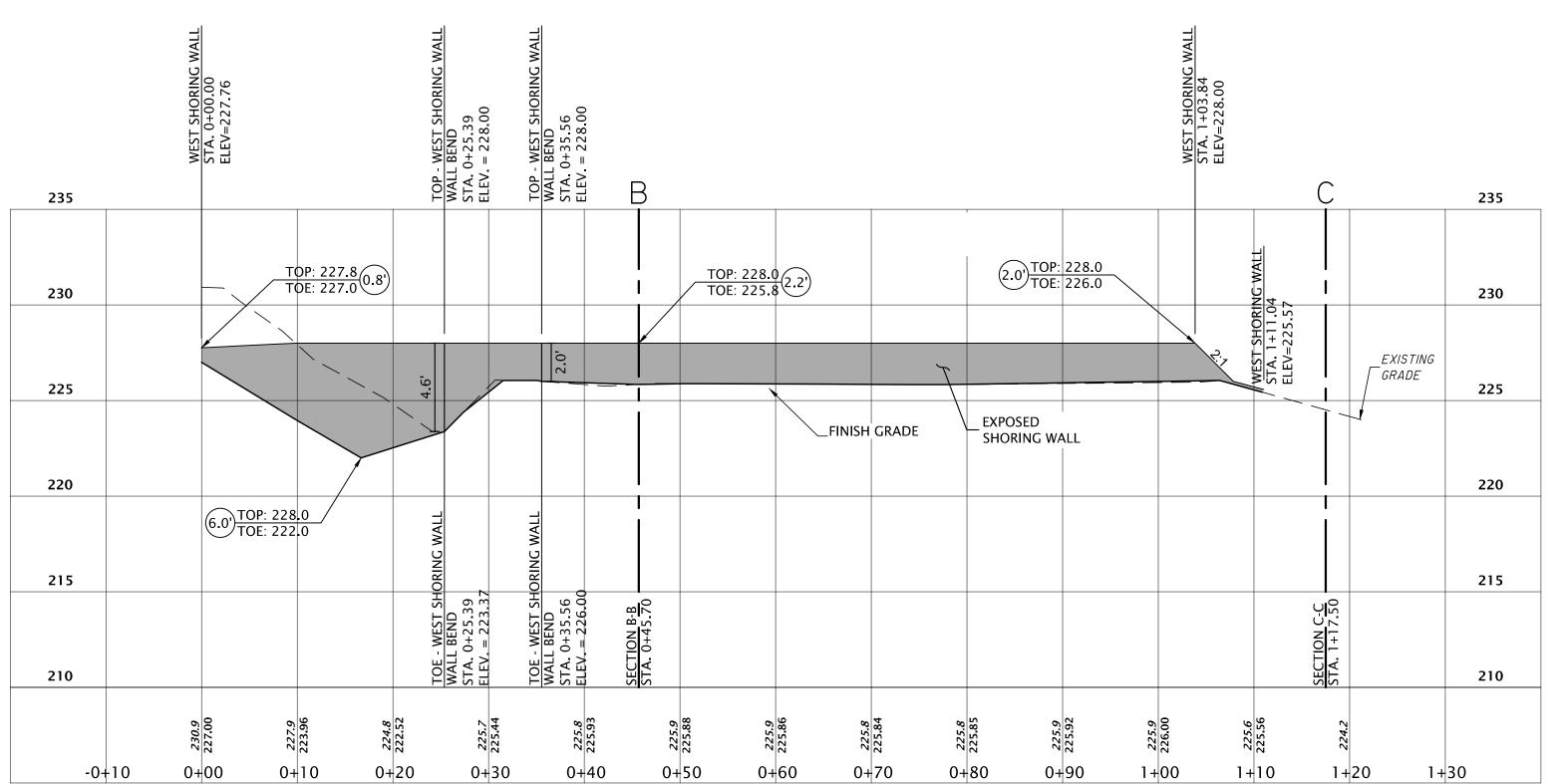
6950 SE MAKER ST., CITY OF MERCER ISLAND

KING COUNTY, WASHINGTON

•

JOB NO. 22038

C-2



235 235 FINISH GRADE_ TOP: 228.00 230 230 EXISTING EXISTING ROCKERY (TOP) EL: 225.45 225 225 TOE: 225.84-PROPOSED PERMANENT SHORING WALL, SEE NOTE 220 215 215 -0+20 -0+10 0+10 0+20

TREE PROTECTION FENCING
PER STD. DETAIL, SEE SHEET C-4
235 235 _FINISH GRADE 230 230 TOP: 224.51 EXISTING 225 225 PROPOSED ___ PERMANENT SHORING WALL SEE NOTE 220 220 215 215 EXISTING OFFSITE TREE #4 BASE OF TREE TRUNK ELEV. = 214.00' 210 210 -0+20 0+000+20 0+30 0+40 -0+10

WEST SHORING WALL PROFILE STA. -0+10.00 TO STA. 1+30.00

1'' = 10.00' HORIZ.1"=5.00' VERT.

WEST SHORING WALL SECTION B-B PROFILE STA. -0+20.00 TO STA. 0+20.00 1" =10.00' HORIZ.

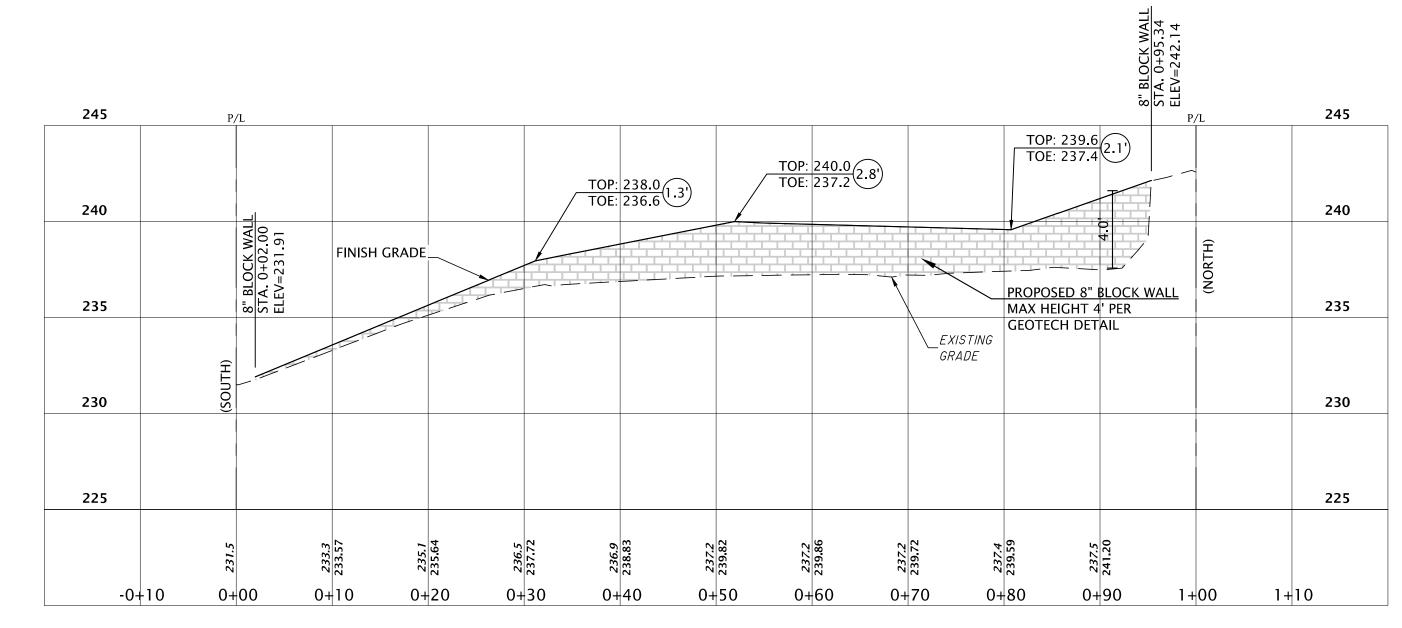
WEST SHORING WALL SECTION C-C PROFILE

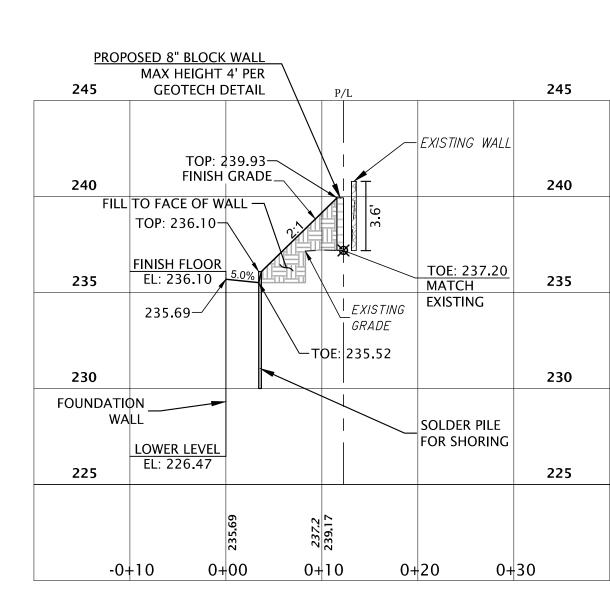
STA. -0+20.00 TO STA. 0+40.00

1" =10.00' HORIZ. 1"=5.00' VERT.

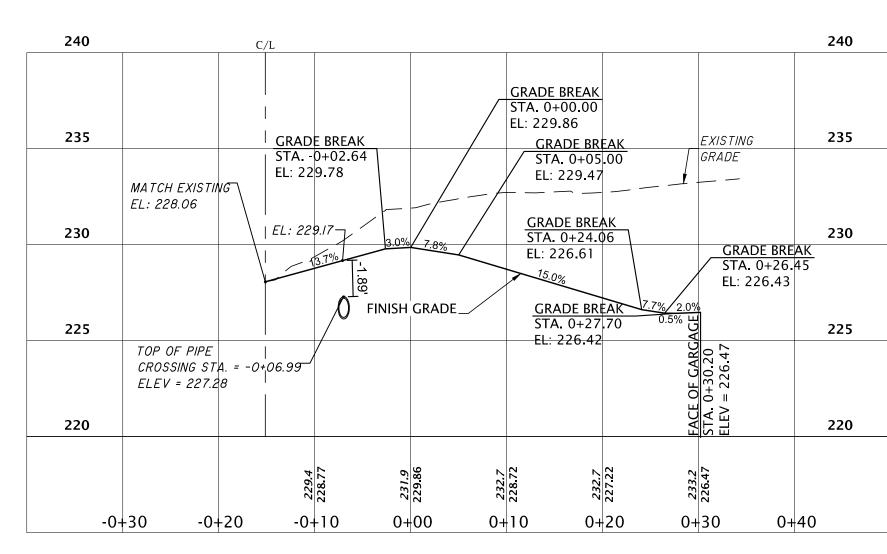
PERMANENT SHORING WALL NOTES:

*MINIMUM EMBED WALL DEPTH = 10 FEET REFERENCE PERMANENT SHORING PLANS





1"=5.00' VERT.



6950 SE MAKER ST., CITY OF MERCER ISLAND

EAST PROPERTY LINE PROFILE STA. -0+10.00 TO STA. 1+10.00 1" =10.00' HORIZ. 1"=5.00' VERT.

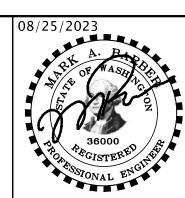
WALL SECTION A-A PROFILE STA. -0+10.00 TO STA. 0+30.00 1'' = 10.00' HORIZ.1"=5.00' VERT.

PROPOSE DRIVEWAY PROFILE STA. -0+30.00 TO STA. 0+40.00 1'' = 10.00' HORIZ.1"=5.00' VERT.



GOLDSMITH LAND DEVELOPMENT SERVICES 11400 SE 8th St., Suite 450, Bellevue, WA 98004 | PO Box 3565, Bellevue, WA 98009 T 425 462 1080 www.goldsmithengineering.com

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DRIVEWAY AND WALL PROFILES/SECTIONS FOR

STRAND PROPERTY

DOROTHY STRAND

KING COUNTY, WASHINGTON



JOB NO. 22038

SCHEMATIC. ANY INSERT IS ALLOWED THAT HAS A MIN. O.5 C.F. OF STORAGE, THE MEANS TO DEWATER THE STORED SEDIMENT, AN OVERFLOW, AND CAN BE EASILY MAINTAINED.

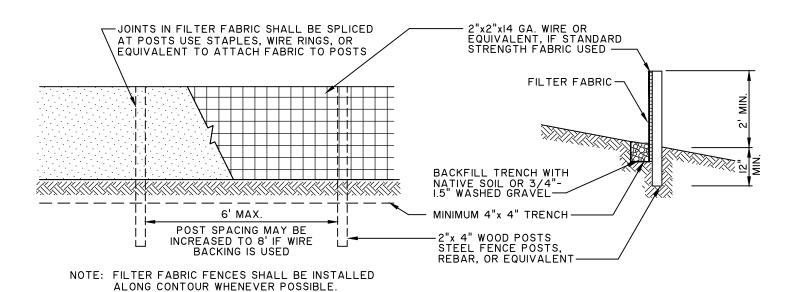
MAINTENANCE STANDARDS

I. ANY ACCUMULATED SEDIMENT ON OR AROUND THE FILTER FABRIC PROTECTION SHALL BE REMOVED IMMEDIATELY. SEDIMENT SHALL NOT BE REMOVED WITH WATER, AN ALL SEDIMENT MUST BE DISPOSED OF AS FILL ON-SITE OR HAULED OFF-SITE.

2. ANY SEDIMENT IN THE CATCH BASIN INSERT SHALL BE REMOVED WHEN THE SEDIMENT HAS FILLED ONE-THIRD OF THE AVAILABLE STORAGE. THE FILTER MEDIA FOR THE INSERT SHALL BE CLEANED OR REPLACED AT LEAST MONTHLY.

3. REGULAR MAINTENANCE IS CRITICAL FOR BOTH FORMS OF CATCH BASIN PROTECTION. UNLIKE MANY FORMS OF PROTECTION THAT FAIL GRADUALLY, CATCH BASIN PROTECTION WILL FAIL SUDDENLY AND COMPLETELY IF NOT MAINTAINED PROPERLY.

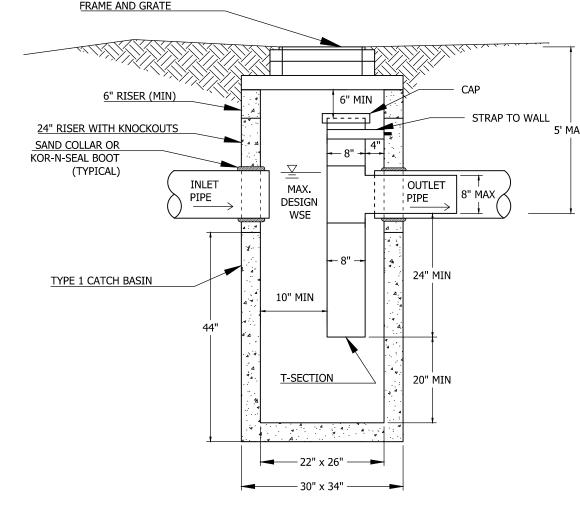
> CATCH BASIN INSERT DETAIL NTS



MAINTENANCE STANDARDS

- I. ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
- 2. IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT TRAP OR POND.
- 3. IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGNS OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLELED TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE AND/OR REMOVE THE TRAPPED SEDIMENT.
- 4. SEDIMENT MUST BE REMOVED WHEN THE SEDIMENT IS 6" HIGH. 5. IF THE FILTER FABRIC HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.

SILT FENCE



CB TYPE 1 W/ OIL & WATER SEPARATOR

NTS

1. MAX. OUTLET PIPE DIAMETER IS 8 INCHES. VERTICAL RISER SECTION SHALL BE ALIGNED PLUMB VERTICALLY. HORIZONTAL RISER SECTION SHALL MATCH OUTLET PIPE SLOPE.

- 2. ALL METAL PARTS AND SURFACES MUST BE CORROSION RESISTANT. STEEL HARDWARE SHALL BE GALVANIZED. PIPES SHALL BE PVC. COMPLETE CORROSION PROTECTION MUST BE
- 3. APPLY NON-SHRINK GROUT TO INSIDE AND OUTSIDE OF ALL JOINTS, RINGS, RISERS AND FRAMES.
- 4. SLIP SMOOTH-BORE HORIZONTAL LEG OF FLOW CONTROL TEE INSIDE CARRIER PIPE.
- 5. NO FLOW CONTROL JOINT OUTSIDE OF STRUCTURE.
- 6. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.

OR VIOLATE APPLICABLE WATER STANDARDS.

STANDARD TESC PLAN NOTES:

DURATION OF CONSTRUCTION.

1. APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).

CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF

APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED

SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION.

DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE

AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.

3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN

FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING

SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE

4. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN

LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS,

REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED

AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT

SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.

SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT

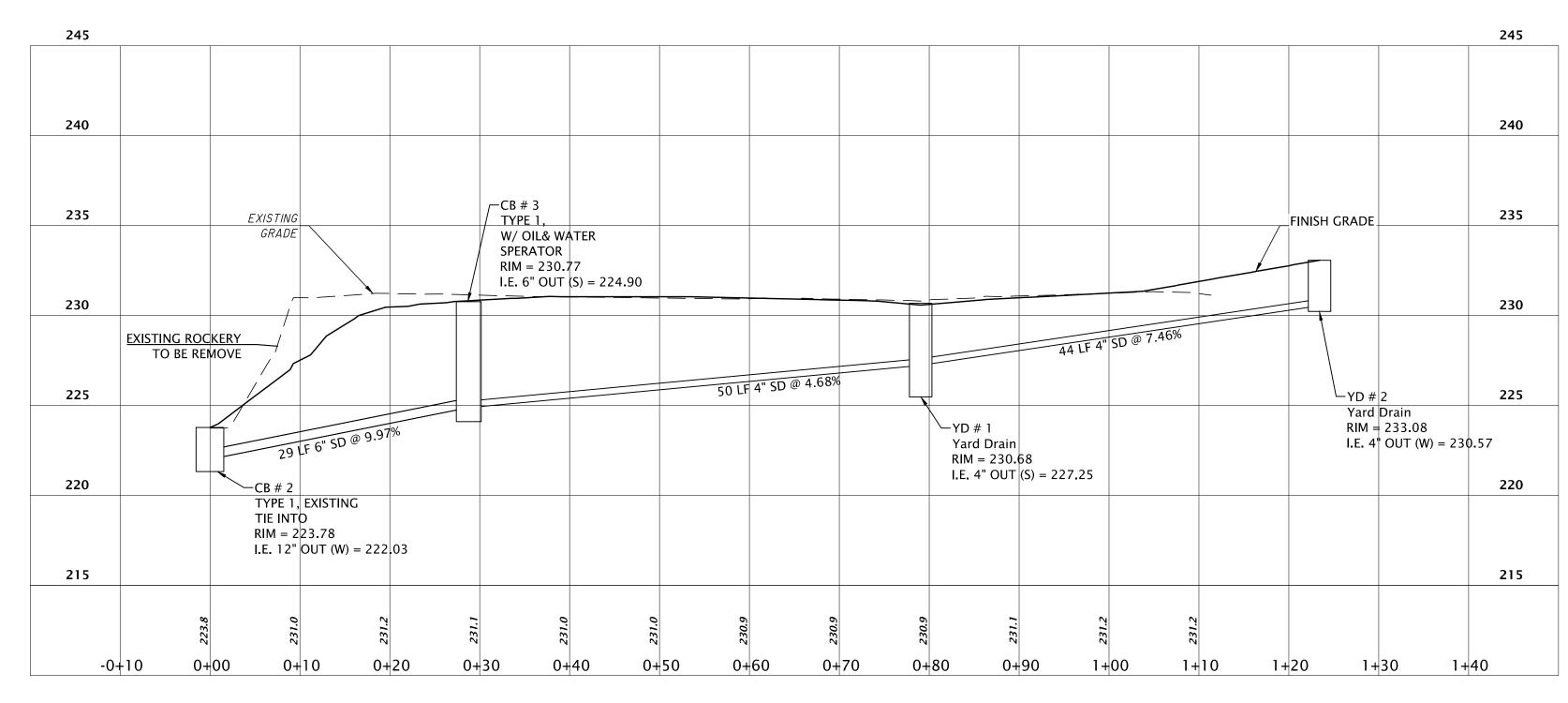
5. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM

CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN

2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE

THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE

- 7. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A MAJOR STORM EVENT.
- 8. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- 9. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.



240 240 EXISTING GRADE 235 235 _FINISH GRADE TYPE 1, EXISTING TIE INTO 230 230 I.E. 12" OUT (W) = 222.03 G S 225 225 └X-CB TYPE I CB RIM = 230.98I.E. 12" OUT (W) = 229.48 220 220 215 215 0+60 1+001 + 201 + 10

PROPOSE RESIDENTIAL STORM DRAIN CONNECTION PROFILE

STA. -0+10.00 TO STA. 1+40.00

1'' = 10.00' HORIZ.

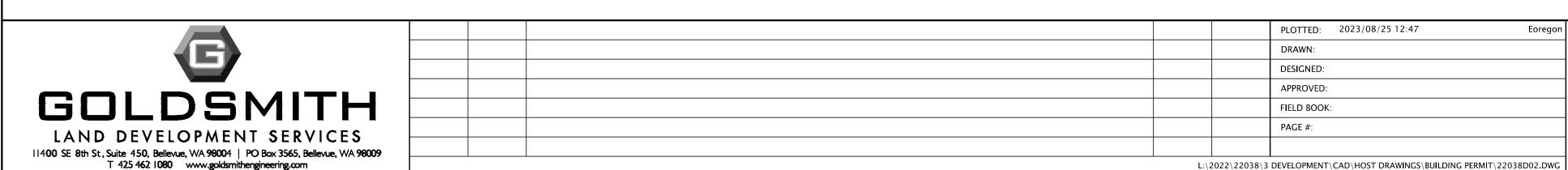
1"=5.00' VERT.

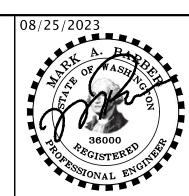
EXISTING SE MARKER ST. STORM PROFILE

STA. 0+40.00 TO STA. 1+20.00

1" =10.00' HORIZ.

1"=5.00' VERT.





DOROTHY STRAND

STANDARD DETAILS AND STORM DRAIN PROFILES

STRAND PROPERTY

6950 SE MAKER ST., CITY OF MERCER ISLAND KING COUNTY, WASHINGTON

JOB NO. 22038

PLAN NOTES:

- 1. THIS PROJECT SHALL BE DESIGNED, ENGINEERED, + CONSTRUCTED IN FULL COMPLIANCE W/ ALL CODES + REGULATIONS.
- 2. ALL EXTERIOR WALLS SHALL BE 2x4 LINO
- 3. ALL INTERIOR WALLS SHALL BE 2x4 UNO.
- 4. ALL HANDRAILS SHALL BE LOCATED @ 36" ABOVE STAIR NOSING WITH A GRASP DIMENSION BETWEEN 11/4" 2".
- 5. ALL HANDRAILS SHALL BE CONTINUOUS OR TERMINATE AT NEWEL POST.
 6. ALL GUARDRAILS SHALL BE 36" ABOVE FINISHED FLOOR AND DESIGNED SUCH THAT THE MAXIMUM OPENING WILL NOT ALLOW PASSAGE OF A 4"
- 7. ALL GUARDRAILS SHALL BE DESIGNED TO RESIST A 200LB CONCENTRATED LOAD AT THE TOP RAIL AND 50 PSF ON ALL GUARDRAIL INFILL COMPONENTS.
- 8. 5/8" TYPE 'X' GWB AT ALL GARAGE WALLS AND CEILING AS WELL AS ANY POSTS + BEAMS.
- 9. ACCESSIBLE AREA UNDER STAIR SHALL BE 1/2" GWB MINIMUM.
- 10. PROVIDE A PROGRAMMABLE THERMOSTAT FOR THE PRIMARY SPACE
- CONDITIONING SYSTEM WITHIN EACH DWELLING UNIT PER SEC R403.1.1.

 11. A MINIMUM OF 75 PERCENT OF PERMANENTLY INSTALLED LAMPS IN
- LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS.

 12. ALL SHOWERHEADS + KITCHEN SINK FAUCETS INSTALLED IN THE UNIT SHALL BE RATED AT 1.75 GPM OR LESS. ALL OTHER LAVATORY FAUCETS
- SHALL BE RATED AT 1.0 GPM OR LESS.

 13. ALL EXHAUST AIR SHALL VENT DIRECTLY TO THE EXTERIOR OF THE
- BUILDING PER M1501.1 AND M1506.2.
- 14. ALL NEW STAIRS SHALL MEET THE FOLLOWING REQUIREMENTS;
- A. MINIMUM 36" WIDTH.

 B. MAXIMUM 7 3/4" RISER, MINIMUM 10" TREAD.
- C. MINIMUM 6'-8" HEAD ROOM
- D. MINIUM LANDING LENGTH 36"

 15. CONTRACTOR TO COMPLETE AND POST 'INSULATION CERTIFICATE FOR RESIDENTIAL CONSTRUCTION' FORM WITHIN 3' OF ELECTRICAL PANEL PRIOR TO FINAL INSPECTION.
- 16. WINDOW AND DOOR HEADERS SHALL BE INSULATED WITH A MINIMUM R-10 INSULATION.
- 17. SHOULD AN AIR LEAKAGE TEST BE CONDUCTED, A WRITTEN REPORT OF THE AIR LEAKAGE TEST RESULTS SHALL BE SIGNED BY THE TESTING PARTY AND PROVIDED TO THE BUILDING INSPECTOR PRIOR TO CALL FOR FINAL
- INSPECTION. AIR LEAKAGE SHALL NOT EXCEED 5 AIR CHANGES/HOUR.

 18. WHOLE HOUSE VENTILATION INTEGRATED WITH FORCED-AIR SYSTEM PER SRC M1507.3.5 AND SHALL RUN INTERMITTENTLY.

WSEC 2018 NOTES:

- 1. THIS PROJECT IS ELIGIBLE AND COMPLIANT W/ WSEC 2018 PRESCRIPTIVE METHOD.
- 2. INSULATION VALUES SHALL BE AS FOLLOWS:
- A. ALL VERTICAL GLAZING SHALL BE 0.30 U-FACTOR MAX.
- B. ALL OVERHEAD GLAZING SHALL BE 0.50 U-FACTOR MAX.
- C. ALL EXTERIOR DOORS (INCLUDING DOORS FROM CONDITIONED SPACE
- TO UNCONDITIONED SPACE) SHALL BE 0.20 U-FACTOR MIN.

 D. ALL CEILINGS OVER CONDITIONED SPACE SHALL RECEIVE R-49 BLOWN-IN INSULATION MIN.
- E. ALL VAULTED CEILINGS SHALL RECEIVE R-38 BATT INSULATION MIN.F. ALL ABOVE-GRADE EXTERIOR WALLS SHALL RECEIVE R-21 BATT
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- G. ALL BELOW-GRADE EXTERIOR WALLS SHALL RECEIVE R-21 BATT
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 H. ALL FLOORS OVER UNCONDITIONED SPACE SHALL RECEIVE R-30 BATT
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 I. ALL SLAB-ON-GRADE WITHIN CONDITIONED SPACE SHALL RECEIVE R-
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 J. ALL HEADERS @ EXTERIOR WALLS SHALL RECEIVE R-10 RIGID INSULATION @ INTERIOR SIDE OF WALL.
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4. PROVIDE 100 CFM INTERMITTENTLY OPERATING POINT-OF-USE

- VENTILATION @ KITCHEN.

 5. PROVIDE 50 CFM INTERMITTENTLY OPERATING POINT-OF-USE VENTILATION
- @ ALL BATHS + LAUNDRY.6. NATURAL GAS, PROPANE OR OIL WATER HEATER SHALL HAVE A MINIMUM
- EF OF 0.91 (WSEC 406.2, CREDIT 5c).
 7. AT CRAWLSPACES THE MIN NET AREA OF VENTILATION OPENINGS SHALL
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- 8. THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS R402.4.1 THROUGH R402.4.4. WHERE REQUIRED BY THE CODE OFFICIAL, TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY AND A WRITTEN REPORT OF THE TESTING RESULTS SHALL BE SIGNED BY THE TESTING PARTY
- 9. AT LEAST ONE THERMOSTAT PER DWELLING UNIT SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE.

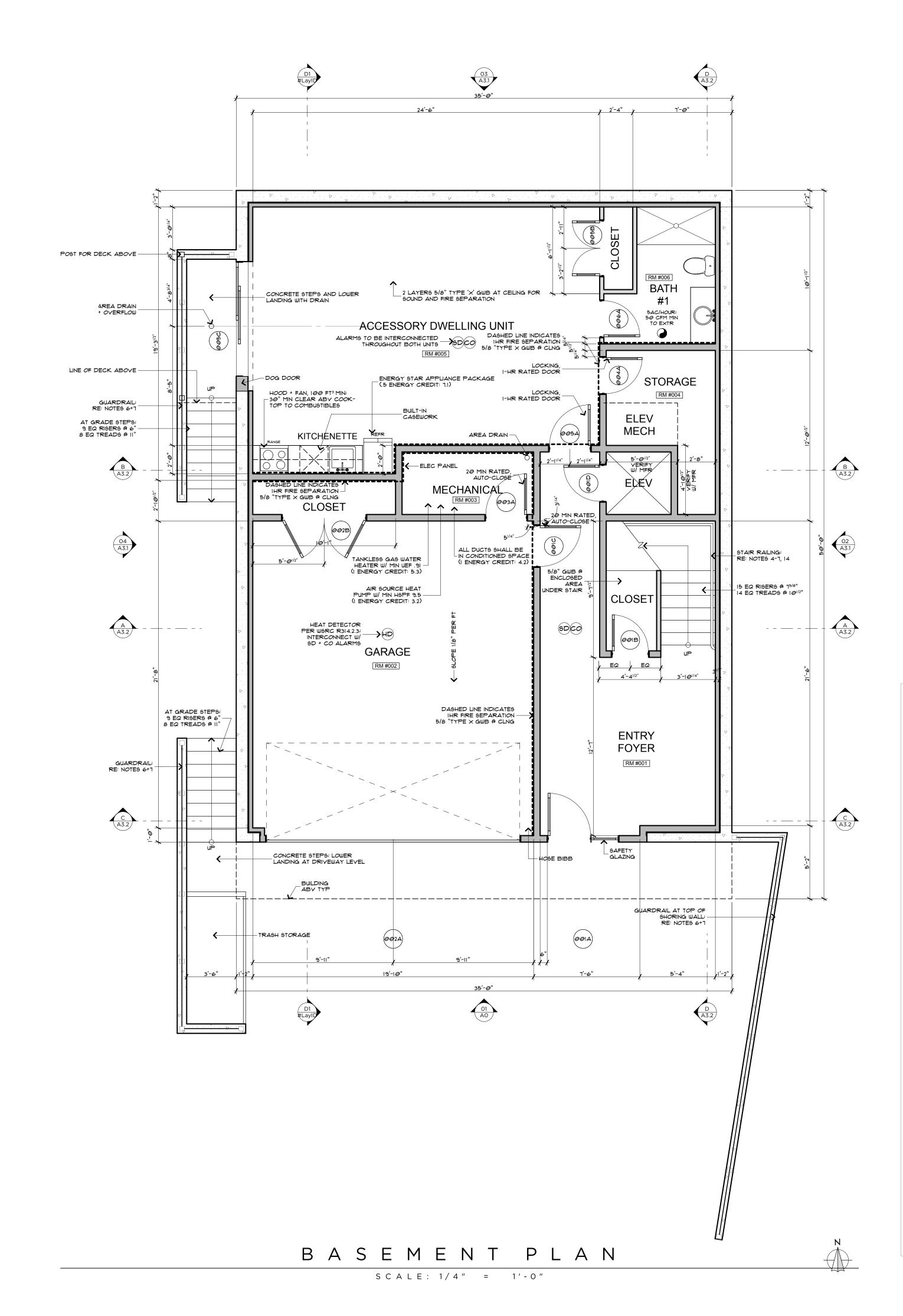
FLOOR AREAS:

AND PROVIDED TO THE CODE OFFICIAL.

LOT AREA:	8,750 FT
MAXIMUM ALLOWABLE GFA:	(40%) 3,500 FT
ADDITIONAL GFA FOR ADU:	(5%) 437.5 FT
TOTAL ALLOWABLE GFA W/ ADU:	(45%) 3,937.5 F
MAIN RESIDENCE BASEMENT GFA:	[528 FT ²
(INCLUDES STAIRS TO MAIN LEVEL; 81 FT ²)	
ELEVATOR SHAFT @ BASEMENT:	[20 FT ²
GARAGE GFA:	[476 FT ²
BASEMENT ADU GFA:	[586 FT ²
BASEMENT SUBTOTAL:	[1,610 FT ²
(937.5 FT ² EXCLUDED SEE BELOW):	672 FT
FIRST FLOOR GFA:	1,649 FT
(EXCLUDE STAIR PER 19.02.020.D.2.c):	(81 FT ²
ELEVATOR SHAFT:	20 FT
SECOND FLOOR GFA:	1,529 FT
(EXCLUDE ELEVATOR SHAFT):	(20 FT ²
SECOND FLOOR COVERED DECK GFA:	66 FT
TOTAL GROSS FLOOR AREA:	(44.9%) 3,936 FT

BASEMENT FLOOR EXCLUSION CALCS:

WALL SEGMENT	LENGTH	COVERAGE %	RESULT
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RELEASE

21 MARCH 2022

PERMIT CORRECTIONS
20 FEBRUARY 2023

PERMIT CORRECTIONS
2 JUNE 2023

PLAN NOTES:

- 1. THIS PROJECT SHALL BE DESIGNED, ENGINEERED, + CONSTRUCTED IN FULL COMPLIANCE W/ ALL CODES + REGULATIONS.
- 2. ALL EXTERIOR WALLS SHALL BE 2x6 UNO.3. ALL INTERIOR WALLS SHALL BE 2x4 UNO.
- 4. ALL HANDRAILS SHALL BE LOCATED @ 36" ABOVE STAIR NOSING WITH A
- GRASP DIMENSION BETWEEN 1^{1/4}" 2".

 5. ALL HANDRAILS SHALL BE CONTINUOUS OR TERMINATE AT NEWEL POST.
- 6. ALL GUARDRAILS SHALL BE 36" ABOVE FINISHED FLOOR AND DESIGNED SUCH THAT THE MAXIMUM OPENING WILL NOT ALLOW PASSAGE OF A 4" SPHERE.
- 7. ALL GUARDRAILS SHALL BE DESIGNED TO RESIST A 200LB CONCENTRATED LOAD AT THE TOP RAIL AND 50 PSF ON ALL GUARDRAIL INFILL COMPONENTS.
- 8. 5/8" TYPE 'X' GWB AT ALL GARAGE WALLS AND CEILING AS WELL AS ANY POSTS + BEAMS.
- 9. ACCESSIBLE AREA UNDER STAIR SHALL BE 1/2" GWB MINIMUM.10. PROVIDE A PROGRAMMABLE THERMOSTAT FOR THE PRIMARY SPACE
- CONDITIONING SYSTEM WITHIN EACH DWELLING UNIT PER SEC R403.1.1.
- 11. A MINIMUM OF 75 PERCENT OF PERMANENTLY INSTALLED LAMPS IN LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS.
- 12. ALL SHOWERHEADS + KITCHEN SINK FAUCETS INSTALLED IN THE UNIT SHALL BE RATED AT 1.75 GPM OR LESS. ALL OTHER LAVATORY FAUCETS SHALL BE RATED AT 1.0 GPM OR LESS.
- 13. ALL EXHAUST AIR SHALL VENT DIRECTLY TO THE EXTERIOR OF THE BUILDING PER MI501.1 AND MI506.2.
- 14. ALL NEW STAIRS SHALL MEET THE FOLLOWING REQUIREMENTS;
- A. MINIMUM 36" WIDTH.
- B. MAXIMUM 7 3/4" RISER, MINIMUM 10" TREAD.
 C. MINIMUM 6'-8" HEAD ROOM
- D. MINIUM LANDING LENGTH 36"

 15. CONTRACTOR TO COMPLETE AND POST 'INSULATION CERTIFICATE FOR RESIDENTIAL CONSTRUCTION' FORM WITHIN 3' OF ELECTRICAL PANEL PRIOR
- TO FINAL INSPECTION.

 16. WINDOW AND DOOR HEADERS SHALL BE INSULATED WITH A MINIMUM
- R-10 INSULATION.

 17. SHOULD AN AIR LEAKAGE TEST BE CONDUCTED, A WRITTEN REPORT OF
- THE AIR LEAKAGE TEST RESULTS SHALL BE SIGNED BY THE TESTING PARTY AND PROVIDED TO THE BUILDING INSPECTOR PRIOR TO CALL FOR FINAL
- INSPECTION. AIR LEAKAGE SHALL NOT EXCEED 5 AIR CHANGES/HOUR.

 18. WHOLE HOUSE VENTILATION INTEGRATED WITH FORCED-AIR SYSTEM PER SRC M1507.3.5 AND SHALL RUN INTERMITTENTLY.

WSEC 2018 NOTES:

- THIS PROJECT IS ELIGIBLE AND COMPLIANT W/ WSEC 2018 PRESCRIPTIVE

 METHOD
- 2. INSULATION VALUES SHALL BE AS FOLLOWS:

INSULATION MIN.

EF OF 0.91 (WSEC 406.2, CREDIT 5c).

- A. ALL VERTICAL GLAZING SHALL BE 0.30 U-FACTOR MAX.
- B. ALL OVERHEAD GLAZING SHALL BE 0.50 U-FACTOR MAX.
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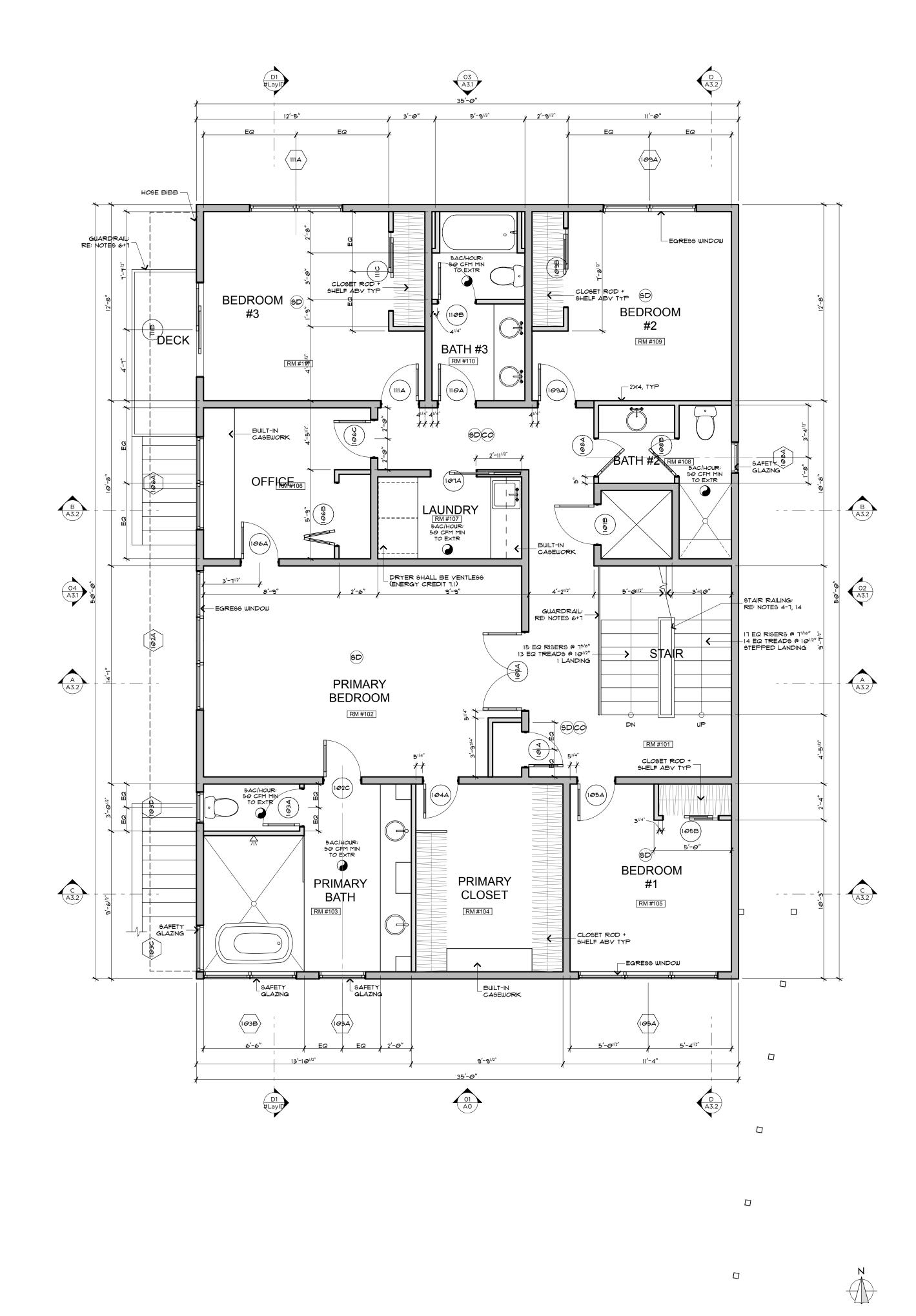
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FLOOR AREAS:

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D	46′	100%	46'-0"
TOTALS	162′		94'-4"
•			1/- / / 162/ - 50 27



FIRST FLOOR PLAN

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

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RELEASE

21 MARCH 2022

PERMIT CORRECTIONS
20 FEBRUARY 2023

PERMIT CORRECTIONS
2 JUNE 2023

Д

JEFFREY P. ALMETER

State of Washington

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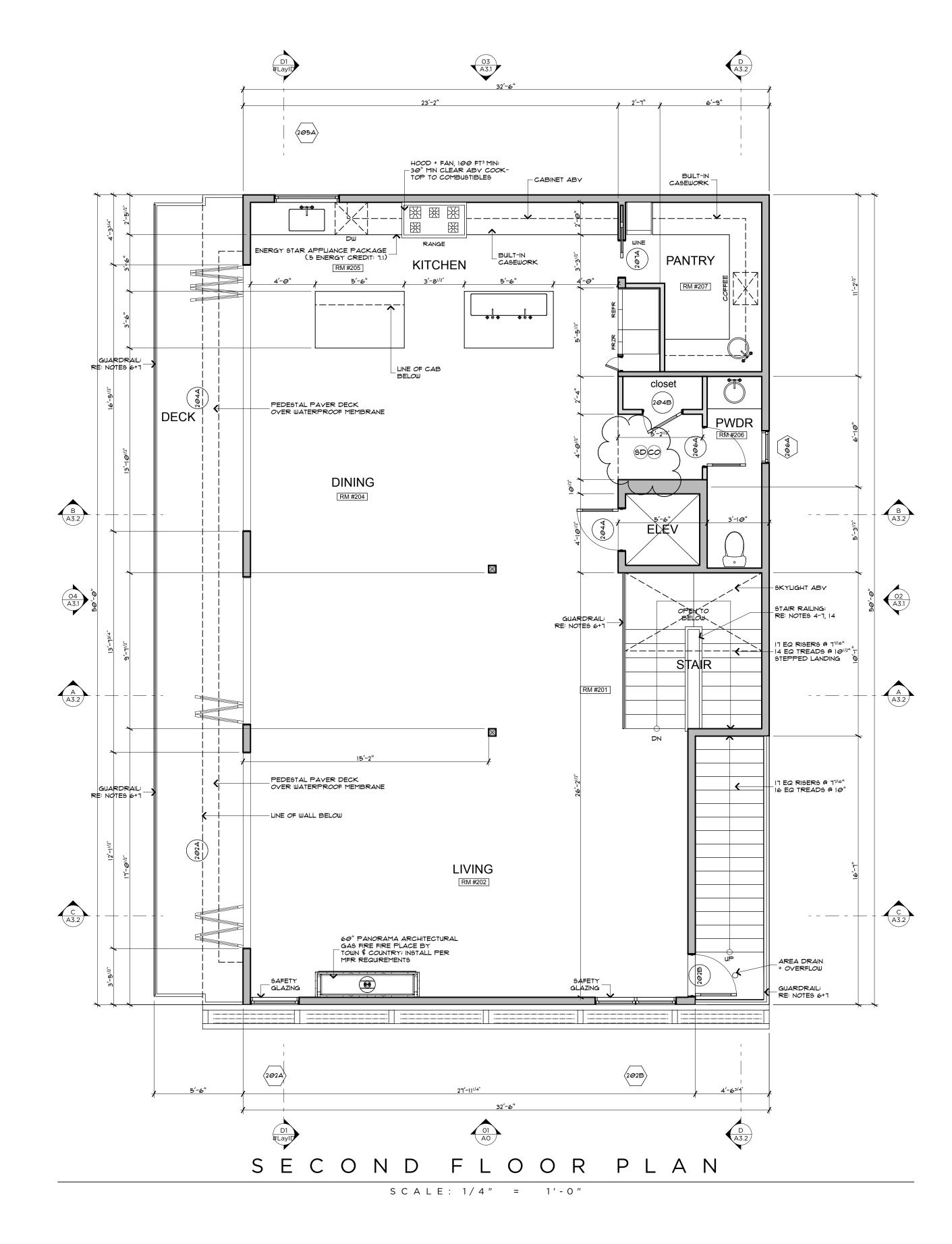
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TOTALS	162'		94'-4"
			9A'-A'' / 162' = 58



10651 REGISTERED ARCHITECT

WILLIAM P. Almat.

WIEFFREY P. ALMETER

State of Washington

MERCER RES-DE

SECOND FLOOR PLAN

RELEASE
21 MARCH 2022
PERMIT CORRECTIONS
20 FEBRUARY 2023
PERMIT CORRECTIONS
2 JUNE 2023



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ROOF 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. COORDINATE DOWNSPOUT LOCATION W/ JEFFREY ALMETER, INC. PRIOR
- TO INSTALLATION.

 3. ALL VENTS SHALL BE LOCATED AWAY FROM VISIBILITY @ PUBLIC RIGHT-
- OF-WAY.

 4. TRUSS MANUFACTURERS TO PROVIDE TRUSS SHOP DRAWINGS TO
- JEFFREY ALMETER FOR DESIGN APPROVAL A MINIMUM OF 10 BUSINESS DAYS
 PRIOR TO TRUSS MANUFACTURING.

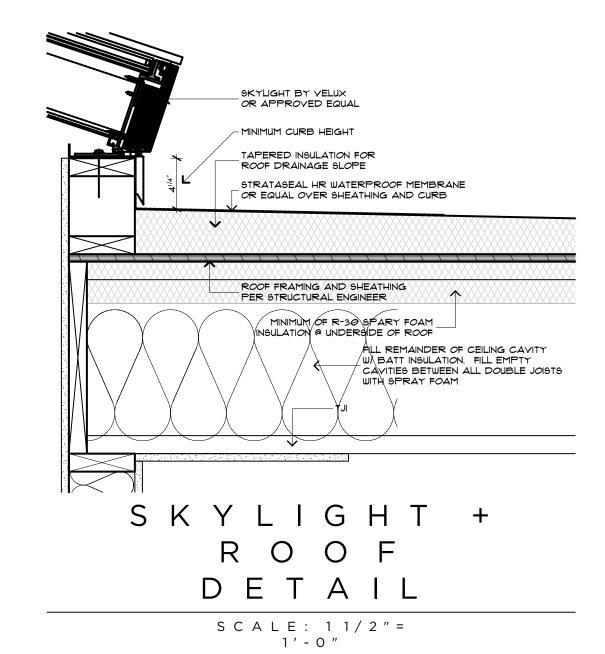
WSEC 2018 NOTES:

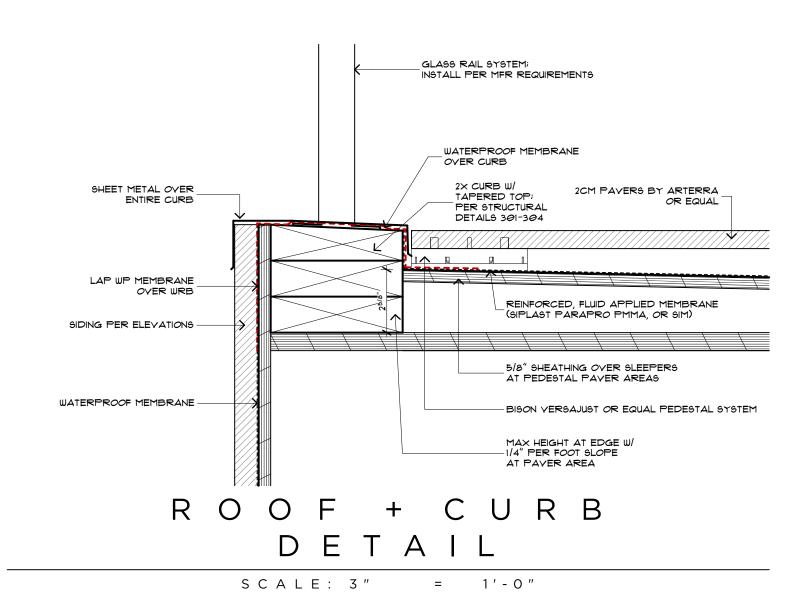
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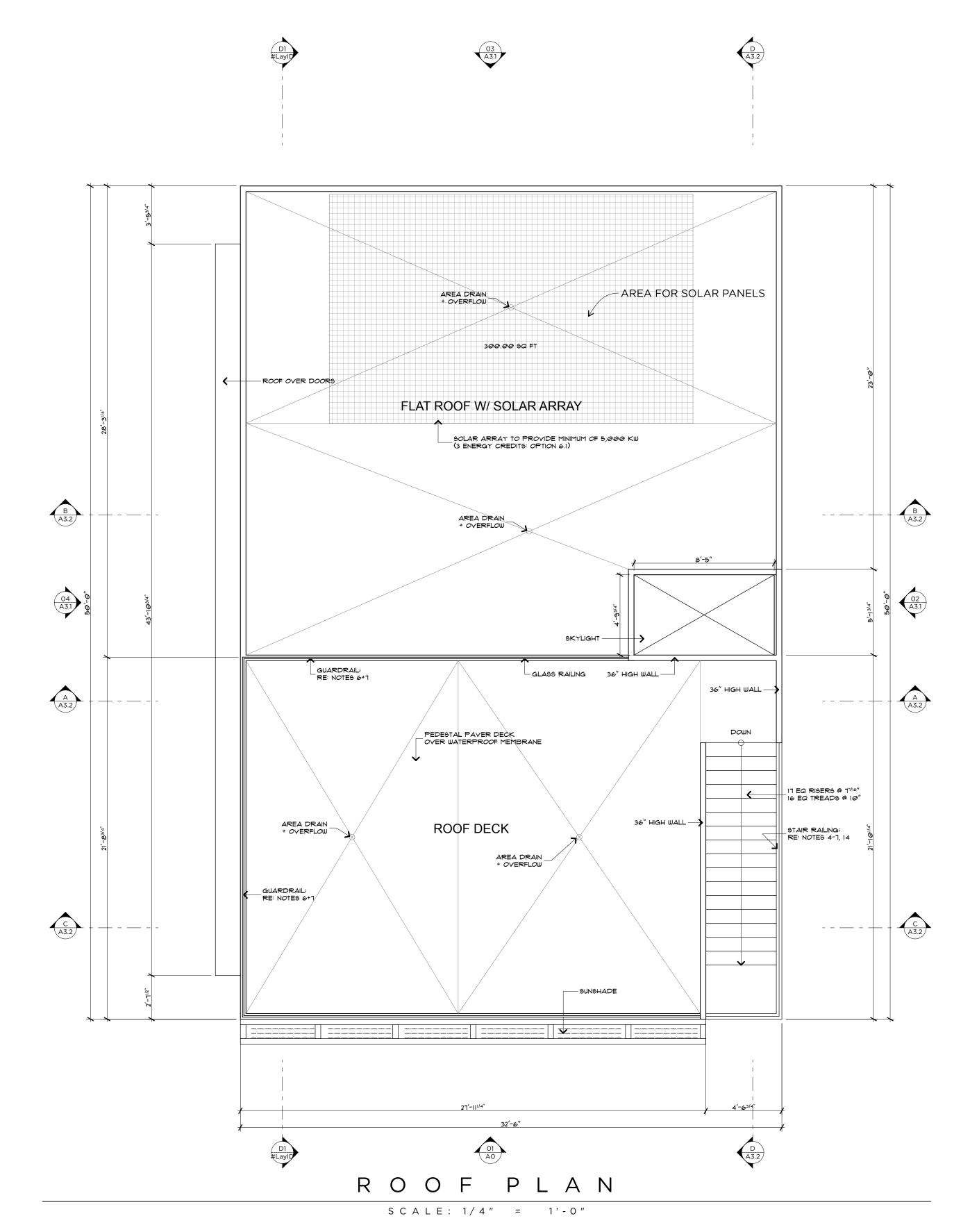
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 E. ALL VAULTED CEILINGS SHALL RECEIVE R-38 BATT INSULATION MIN.
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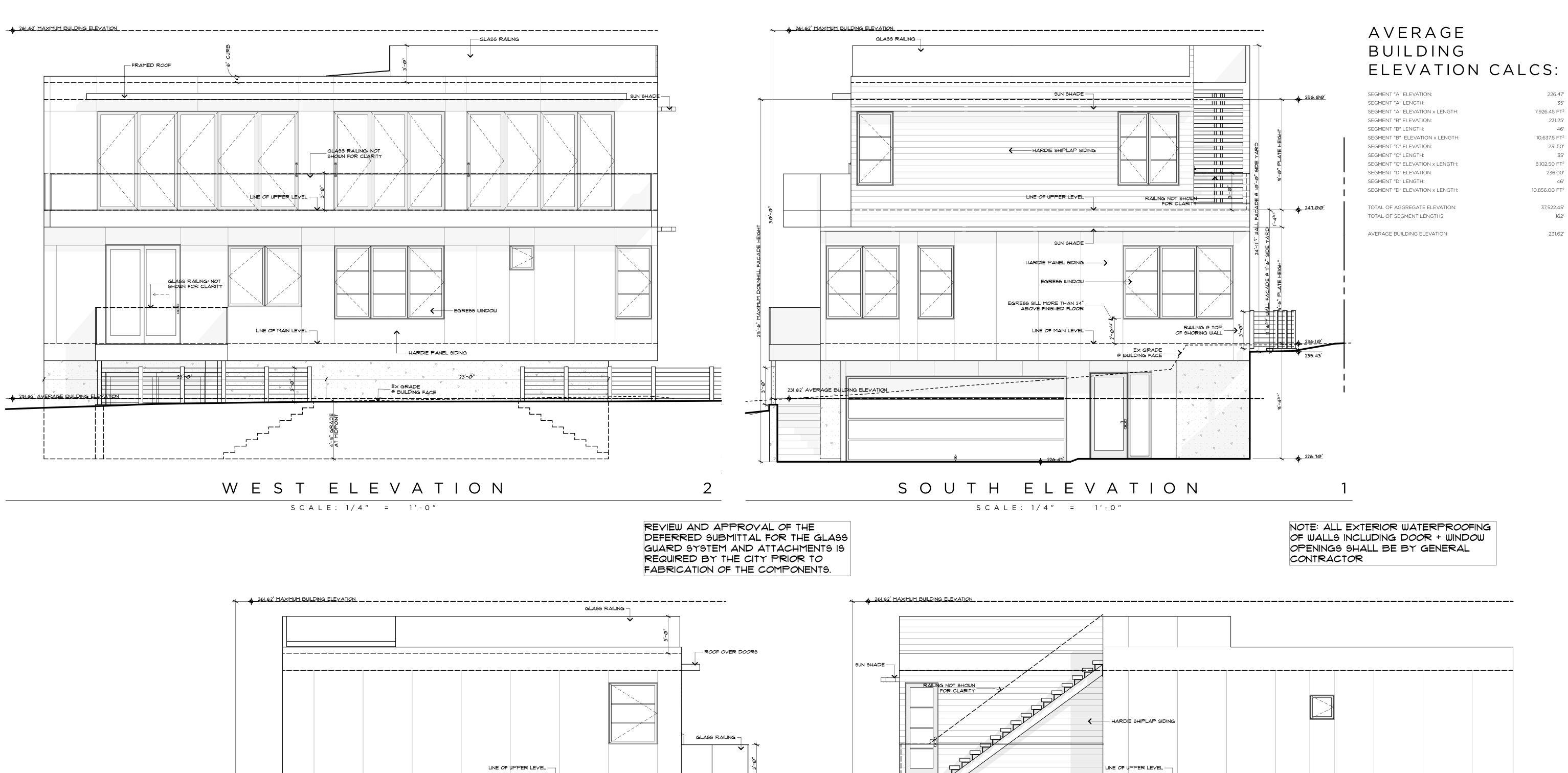


MERCER RES DENCE

ROOF PLAN

RELEASE
21 MARCH 2022
PERMIT CORRECTIONS
20 FEBRUARY 2023
PERMIT CORRECTIONS
2 JUNE 2023





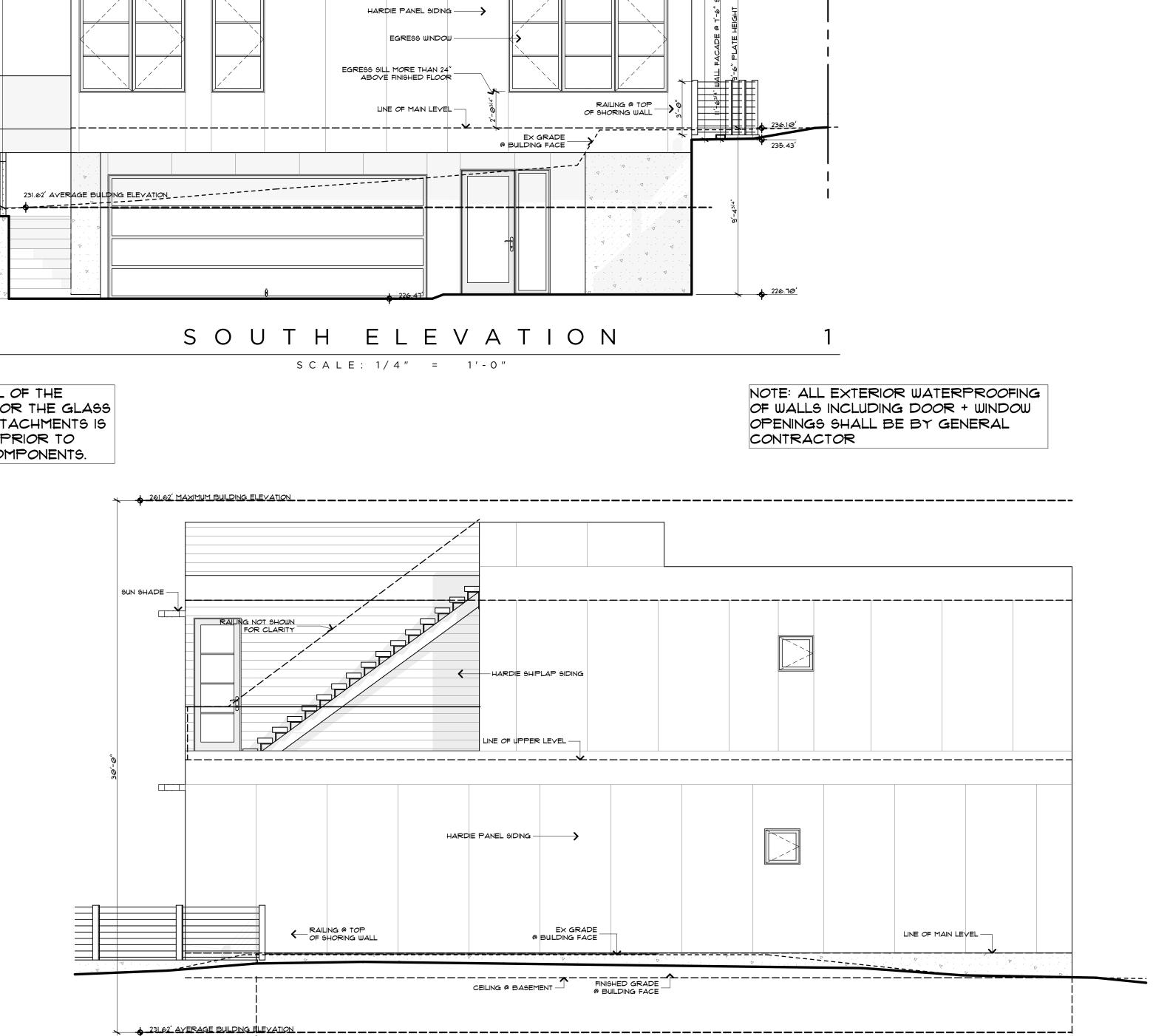
EGRESS SILL MORE THAN 24" ABOVE FINISHED FLOOR

NORTH ELEVATION

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

231.62' AVERAGE BUILDING ELEVATION

EX GRADE _ BUILDING FACE

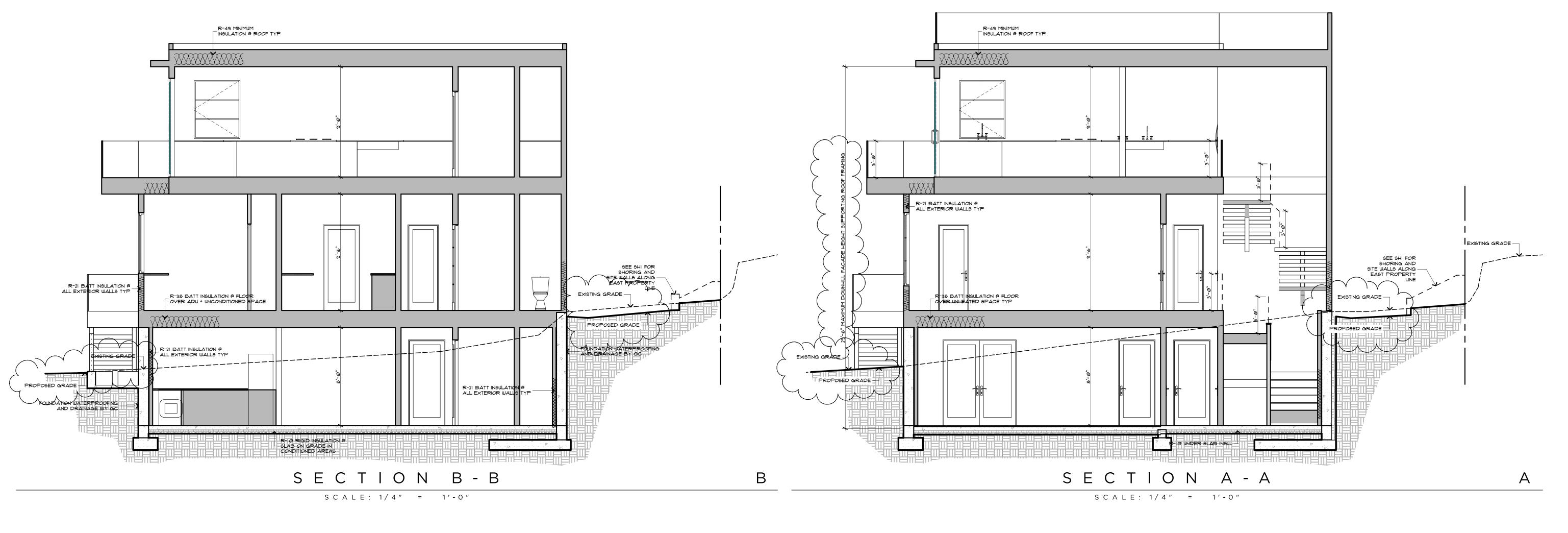


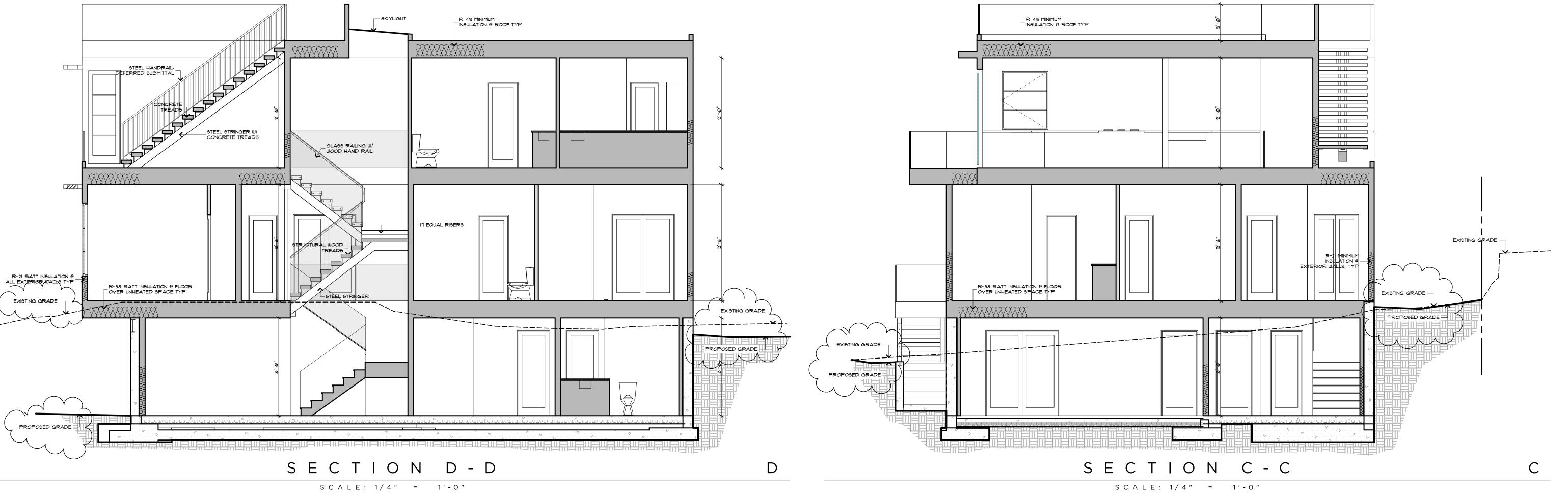
EAST ELEVATION

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



RELEASE 21 MARCH 2022 PERMIT CORRECTIONS 20 FEBRUARY 2023 PERMIT CORRECTIONS 2 JUNE 2023





REVIEW AND APPROVAL OF THE DEFERRED SUBMITTAL FOR THE GLASS GUARD SYSTEM AND ATTACHMENTS IS REQUIRED BY THE CITY PRIOR TO FABRICATION OF THE COMPONENTS.

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RELEASE

2 APRIL 2022

PERMIT CORRECTIONS
20 FEBRUARY 2023

PERMIT CORRECTIONS
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10651 \ REGISTERED

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- @ ALL BATHS + LAUNDRY.
- 6. NATURAL GAS, PROPANE OR OIL WATER HEATER SHALL HAVE A MINIMUM EF OF 0.91 (WSEC 406.2, CREDIT 5c). 7. AT CRAWLSPACES THE MIN NET AREA OF VENTILATION OPENINGS SHALL
- NOT BE LESS THAN 1 FT² FOR EACH 300 FT² OF UNDER-FLOOR AREA. ONE VENTILATION OPENING SHALL BE WITHIN 3'-0" OF EACH CORNER OF THE BUILDING AT CRAWLSPACE, EXCEPT ONE SIDE OF THE BUILDING SHALL BE PERMITTED TO HAVE NO VENTILATION OPENINGS, OR CRAWLSPACE SHALL BE MECHANICALLY VENTED.
- 8. THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS R402.4.1 THROUGH R402.4.4. WHERE REQUIRED BY THE CODE OFFICIAL, TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY AND A WRITTEN REPORT OF THE TESTING RESULTS SHALL BE SIGNED BY THE TESTING PARTY
- 9. AT LEAST ONE THERMOSTAT PER DWELLING UNIT SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE.

AND PROVIDED TO THE CODE OFFICIAL.

DOOR SCHEDULE: (ALL GLAZING TO BE NFRC CERTIFIED)

DOOR NO.	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	HARDWARE	NOTES / REMARKS
001A	3'-0"	7'-0"	ENTRY	CLAD WOOD	PAINTED	TBD	WITH 2'-0" SIDELIGHT
001B	2'-8"	7'-0"	SWING	WOOD	PAINTED	TBD	
001C	3'-0"	7'-0"	SWING	WOOD	PAINTED	TBD	20-MIN RATED, AUTO-CLOSE
001D	2'-8"	7'-0"	SWING	WOOD	PAINTED	TBD	LOCKING, ELEVATOR
002A	18'-0"	7'-0"	OVERHEAD	WOOD	PAINTED	TBD	
002B	6'-0"	7'-0"	SWING	WOOD	PAINTED	TBD	
003A	3'-0"	7'-0"	SWING	WOOD	PAINTED	TBD	20 MIN RATED, AUTO-CLOSE
004A	2'-8"	7'-0"	SWING	WOOD	PAINTED	TBD	LOCKING, 1-HR RATED
005A	3'-0"	7'-0"	SWING	WOOD	PAINTED	TBD	LOCKING, 1-HR RATED
005B	4'-0"	7'-0"	SWING	WOOD	PAINTED	TBD	
005C	9'-0"	7'-0"	BI-FOLD	CLAD WOOD	PAINTED	TBD	3-PANEL
005C	9'-0"	8'-0"	BI-FOLD	CLAD WOOD	PAINTED	TBD	3-PANEL, SAFETY GLAZING
006A	2'-8"	7'-0"	SWING	WOOD	PAINTED	TBD	
101A	2'-4"	7'-0"	SWING	WOOD	PAINTED	TBD	
101B	2'-8"	7'-0"	SWING	WOOD	PAINTED	TBD	ELEVATOR, LOCKING
102A	5'-0"	7'-0"	SWING	WOOD	PAINTED	TBD	PAIR
102B	8'-0"	7'-0"	SLIDER	CLAD WOOD	PAINTED	TBD	LOCKING, SAFETY GLAZING
102C	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
103A	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
104A	2'-4"	7'-0"	SWING	WOOD	PAINTED	TBD	
105A	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
105B	3'-6"	7'-0"	BYPASS	WOOD	PAINTED	TBD	CLOSET
106A	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	OLGGET
106B	4'-0"	7'-0"	BI-FOLD	WOOD	PAINTED	TBD	
106C	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
107A	3'-0"	7'-0"	POCKET	WOOD	PAINTED	TBD	
107A	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
108A	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
109A	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
109A 109B	5'-0"	7'-0"	BYPASS	WOOD	PAINTED	TBD	CLOSET
					PAINTED	TBD	CLUSE1
110A	2'-6"	7'-0"	SWING	WOOD			
110B		7'-0"	SWING	WOOD	PAINTED	TBD TBD	
111A	2'-6"	7'-0"	SWING	WOOD	PAINTED		O DANIEL WITH COREEN
111B	6'-0"	8'-0"	SLIDER	CLAD WOOD	PAINTED	TBD	2-PANEL, WITH SCREEN
111C	5'-0"	7'-0"	BYPASS	WOOD	PAINTED	TBD	CLOSET
202A	12'-0"	8'-0"	BI-FOLD	CLAD WOOD	PAINTED	TBD	4-PANEL, SAFETY GLAZING
202B	2'-8"	7'-8"	SWING	WOOD/GLASS	PAINTED	TBD	SAFETY GLAZING
204A	2'-8"	7'-0"	SWING	WOOD	PAINTED	TBD	ELEVATOR, LOCKING
204A	16'-4"	8'-0"	BI-FOLD	CLAD WOOD	PAINTED	TBD	6-PANEL, SAFETY GLAZING
204B	111/2"	7'-0"	SWING	WOOD	PAINTED	TBD	
204B	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
206A	2'-6"	7'-0"	SWING	WOOD	PAINTED	TBD	
207A	2'-4"	7'-0"	POCKET	WOOD	PAINTED	TBD	

WINDOW SCHEDULE: (ALL GLAZING TO BE NFRC CERTIFIED)

WINDOW NO.	WIDTH	HEIGHT	HEADER	TYPE	MATERIAL	FINISH	NOTES / REMARKS
102A	9'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	TRIPLE, EGRESS
103A	3'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	
103B	6'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	PAIR
103C	3'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	
103D	2'-0"	2'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	
105A	9'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	TRIPLE, EGRESS
106A	6'-0"	5'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	PAIR
108A	2'-0"	2'-0"	7'-0"	CASEMENT	CLAD WOOD	PAINTED	
109A	6'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	PAIR, EGRESS
111A	6'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	PAIR
202A	3'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	
202B	5'-0"	6'-0"	8'-0"	CASEMENT	CLAD WOOD	PAINTED	PAIR
205A	4'-0"	5'-0"	8'-0"	FIXED	CLAD WOOD	PAINTED	
206A	2'-0"	2'-0"	7'-0"	CASEMENT	CLAD WOOD	PAINTED	

NANAWALL SYSTEM CPD INFO

С	PD#	U-factor	SHGC	VΤ	Condensation Resistance	Air Leakage	Ventilatio Rating (Standar Screen)	d (E	entilation Rating Inhanced Screen)				Close
NAN-M-1-0	3122-00001	0.30	0.21	0.39	59								
Group ID	Manuf	acturer Pr	oduct C	ode	Frame/Sas Type	sh Glazing Layers	Low-E	Gap Widths	Spacer	Gap Fill	Grid	Divider	Tint
1	"Outswing-Floor Mounted-Flush Sill: SKN 165 / Arg / Clear - 1"" (1/4""-5/32"")"		N WA/WA	2	0.019(2)	0.625	TP-D	Fill 1: ARG/AIR(90/10)	N	-	CL		

PELLA SLIDING DOOR CPD INFO

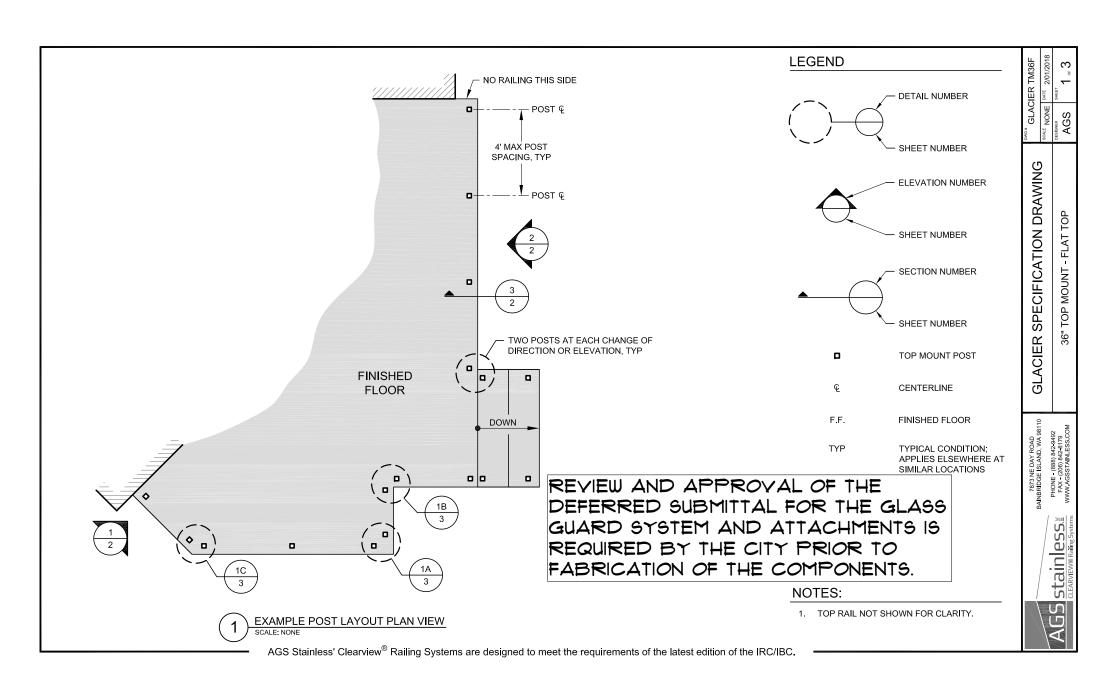
СРД	#	U-factor	SHGC	VT	Condensation Resistance	Air Leakage	Ventilatio Rating (Standar Screen)	d (E	entilation Rating Enhanced Screen)				Close
PEL-N-237-00 00001	0945-	0.28	0.17	0.39	57								
Group ID	Manufa	cturer Pr	oduct C	ode	Frame/Sa Type	sh Glazing Layers	Low-E	Gap Widths	Spacer	Gap Fill	Grid	Divider	Tint
1 "Pine - 3mm 366 Arg 3mm - 13/16"""		WA/WA	2	0.02(2)	0.58	SS-D	Fill 1: ARG/AIR(90/10)	N	-	CL			

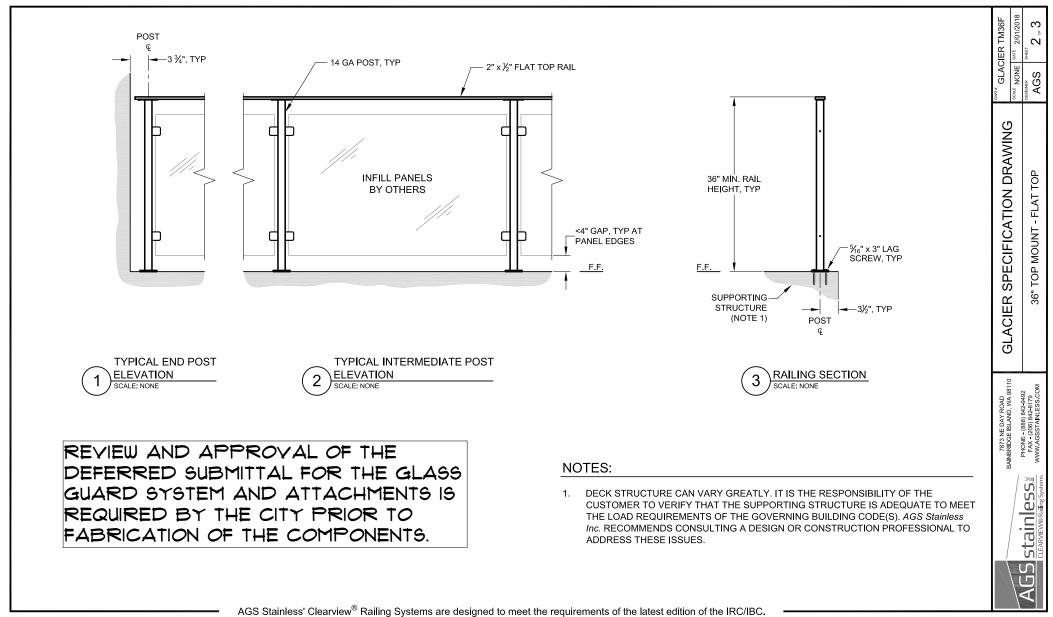


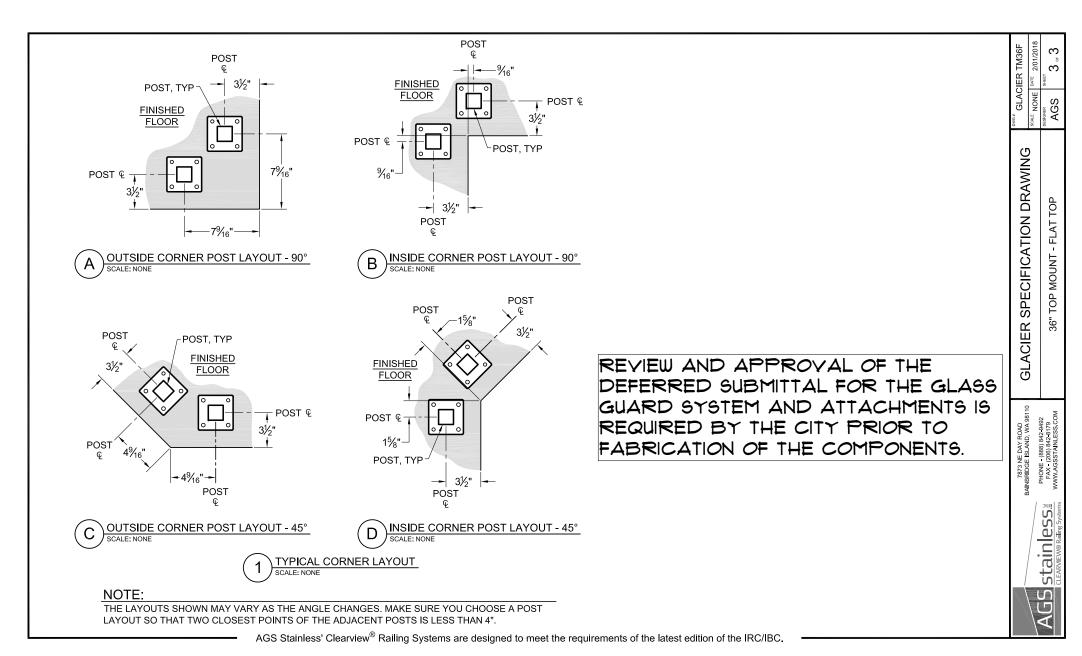


RELEASE 21 MARCH 2022 PERMIT CORRECTIONS 20 FEBRUARY 2023 PERMIT CORRECTIONS 2 JUNE 2023

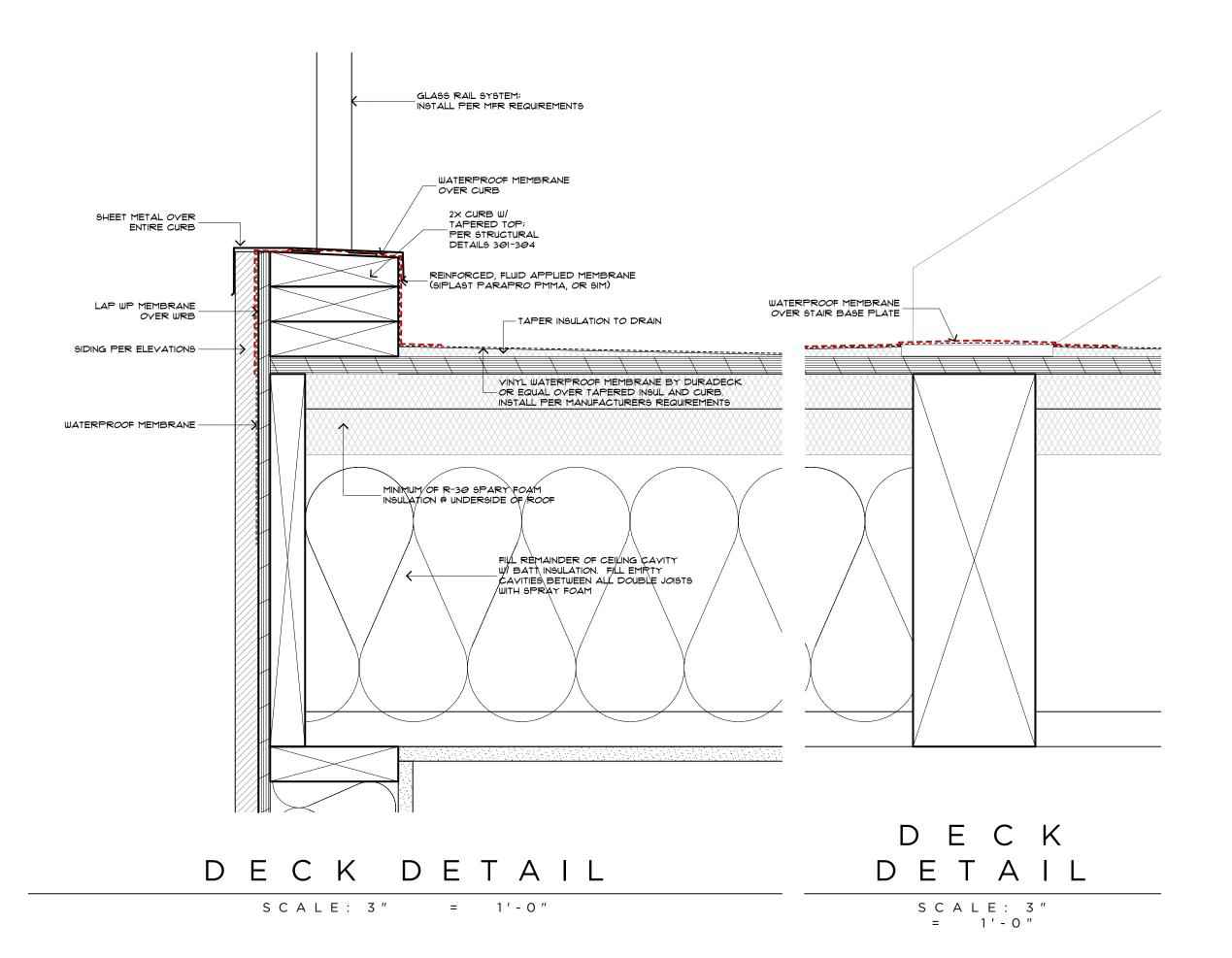
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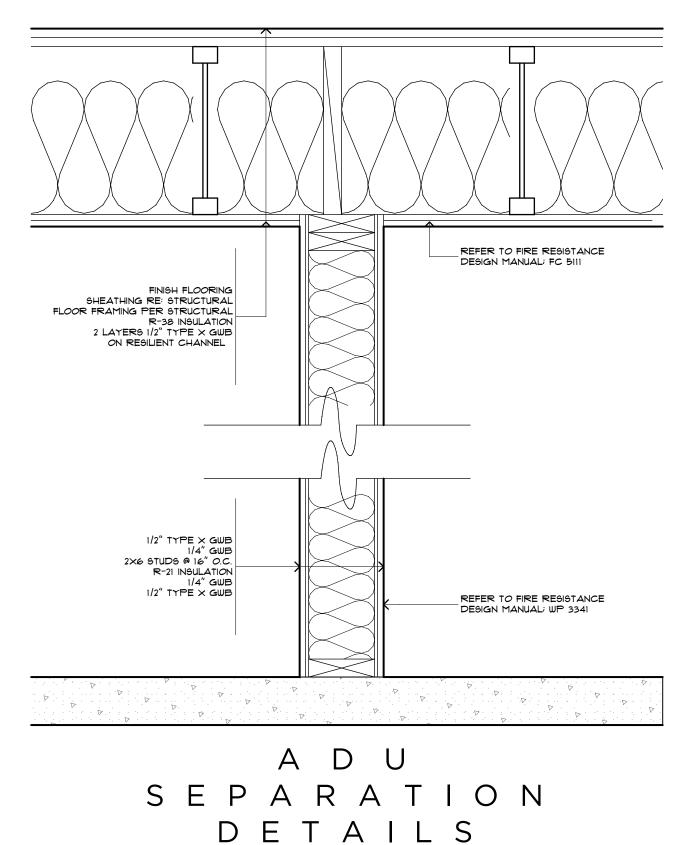




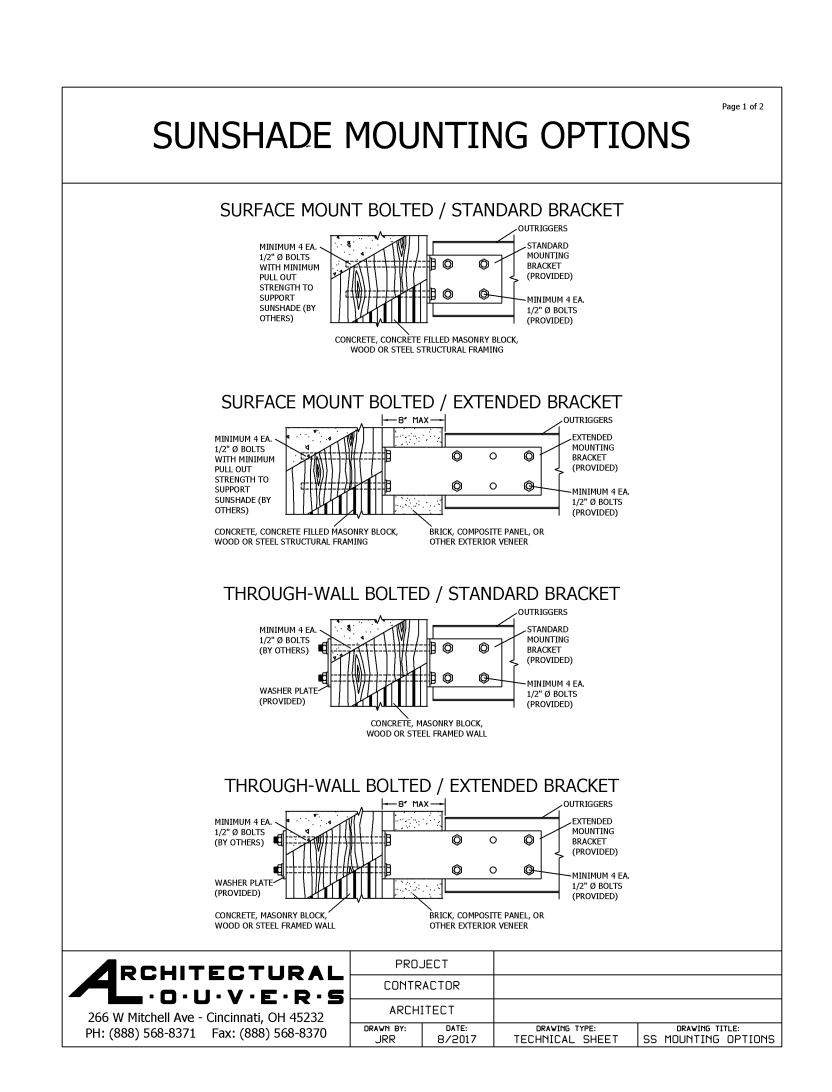


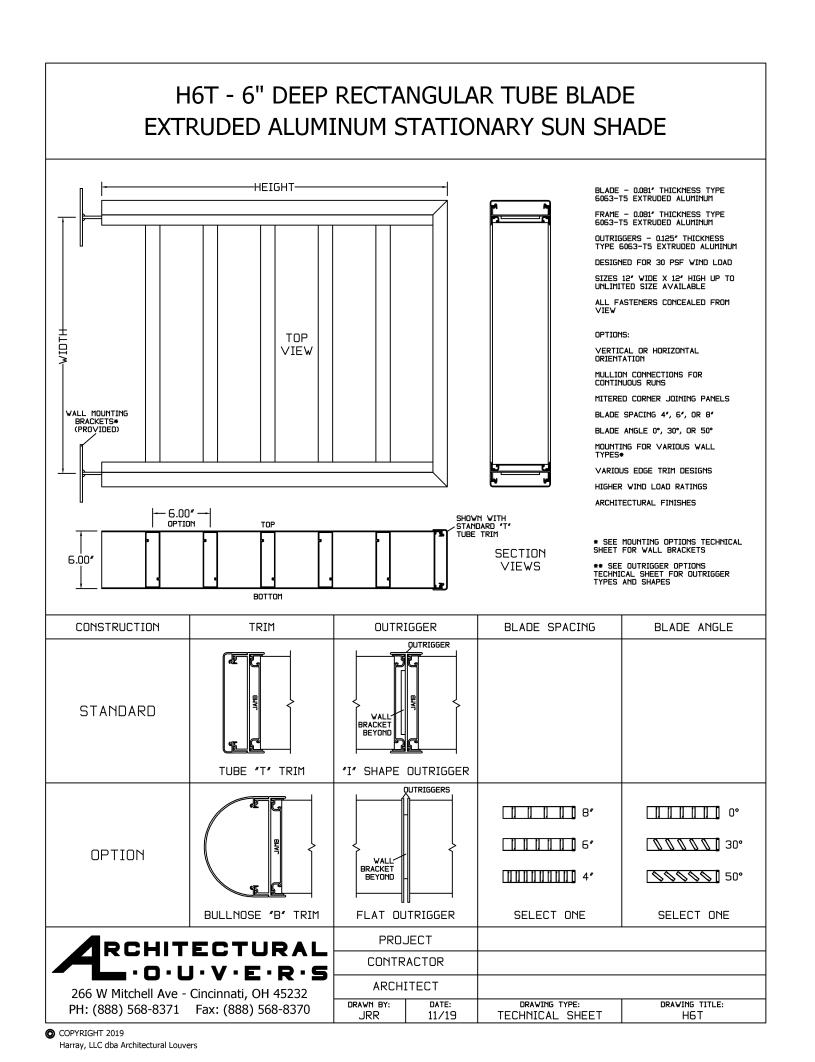
GLASS RAILING DETAIL





S C A L E: 1 1/2" = 1'-0"





SUN SHADE DETAIL

S C A L E : 1' = 1'-0"

SUN SHADE DETAIL

S C A L E : 1' = 1'-0"

A 4 . 2

RELEASE

21 MARCH 2022

PERMIT CORRECTIONS 20 FEBRUARY 2023

PERMIT CORRECTIONS 2 JUNE 2023

10651 \ REGISTERED

Mun P. almit

JEFFREY P. ALMETER
State of Washington

ARCHITECT

MAKER AVE

S

STRUCTURAL NOTES:

CODE:

CODE: INTERNATIONAL BUILDING CODE 2018, (SEATTLE BUILDING CODE 2018) ASCE/SEI 1-16 LOADS: ROOF LIVE(SNOW)= 25 PSF, FLOOR LIVE= 40 PSF, DECK LIVE= 60 PSF ROOF DEAD = 25 PSF (INCLUDE SOLAR PANEL), FLOOR DEAD = 12 PSF ROOF DECK DEAD = 20 PSF

SEIS: RISK CATEGORY 'II', DESIGN CATEGORY 'D', R= 6.5 (WOOD FRAME WALL SHT'G W/ STRUCTURAL PANELS) R= 5.0 (SPECIAL REINFORCED CONCRETE SHEAR WALLS) $S_8 = 1.414 \text{ g}, S_1 = 0.492 \text{ g}, F_a = 1.00, F_v = 1.808 S_{D8} = 0.943 \text{ g}, S_{D1} = 0.593 \text{ g}$ WIND: 110 MPH, EXPOSURE 'B', Kzt = 1.38

FOUNDATIONS:

EXTEND FOOTINGS TO FIRM UNDISTURBED SOIL, ALLOWABLE BEARING CAPACITY OF 3,000 PSF. ALL EXTERIOR FOOTINGS SHALL EXTEND A MINIMUM OF 1'-6" BELOW ADJACENT EXTERIOR FINISH GRADE. USE ACTIVE EARTH PRESSURE 35 pcf (NORTH & WEST WALL) 55 psf (EAST WALL) FOR LATERAL EARTH PRESSURE AND SEISMIC INCREASE OF 9H (UNIFORM DISTRIBUTION) FOR CONCRETE WALL. SEE THE SOIL REPORT * JN 22001 FROM GEOTECH CONSULTANTS, INC (MARCH 21, 2022) FOR THE ADDITIONAL RECOMMENDATIONS OF SLAB ON GRADE, COMPACTION AND ETC.

CAST-IN-PLACE CONCRETE:

FIG=3,000 PSI @ 28 DAYS. MINIMUM 5-1/2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE AND SHALL BE PROPORTIONED TO PRODUCE A SLUMP OF 5" OR LESS. MAXIMUM SIZED AGGREGATE IS 1-1/2 INCHES. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH IBC SECTION 1905, 1906 AND ACI 301, INCULING TESTING PROCEDURES. ALL PHASES OF WORK PERTAINING TO THE CONCRETE CONSTRUCTION SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. ALL REINFORCING STEEL DOWELS ANCHOR BOLTS AND OTHER INSERTS SHALL BE SECURED IN POSITION PRIOR TO POURING CONC.

REINFORCING STEEL:

ALL REINFORCING STEEL SHALL BE PLACED IN CONFORMANCE WITH THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION BY CRSI. DEFORMED REINFORCING STEEL BARS SHALL CONFORM TO ASTM GRADE 60. ALL REINFORCING BAR BENDS SHALL BE MADE COLD, WITH A MINIMUM RADIUS OF 6 BAR DIAMETERS (1'-7" MINIMUM). CORNER BARS (2'-0" BEND) SHALL BE PROVIDED FOR ALL HORIZONTAL REINFORCEMENT. LAP ALL BARS A MINIMUM OF 48 BAR DIAMETERS UNLESS NOTED OTHERWISE. UNLESS OTHERWISE NOTED ON THE DRAWINGS REINFORCING STEEL SHALL HAVE THE FOLLOWING MINIMUM COVER:

CONCRETE CAST AGAINST EARTH CONCRETE EXPOSED TO EARTH OR WEATHER: CONCRETE NOT EXPOSE TO EARTH OR WEATHER: *11 BAR AND SMALLER SLAB-ON-GRADE (FROM TOP SURFACE)

STRUCTURAL TIMBER:

ALL GRADES SHALL CONFORM TO WWPA GRADING RULES FOR WESTERN LUMBER, LATEST EDITION. PROVIDE CUT WASHERS UNDER ALL NUTS AND BOLTS BEARING AGAINST WOOD. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED. ALL STRUCTURAL LUMBER SHALL BE NOTED BELOW!

6x BEAM & POST, 2x6 STUDS, 2x8, 2x10 2x6 STUD WITH 1/2" PLYWOOD WALL SHT'G

DOUGLAS-FIR / LARCH *2

HEM-FIR 12

INTERIOR 2x STUDS, LUMBER NOT NOTED

MISCELLANEOUS HANGERS TO BE SIMPSON OR APPROVED EQUAL. ALL HANGERS SHALL BE FASTENED TO WOOD WITH MAXIMUM NAILS-ALL HOLES SHALL BE NAILED. ALL NAILS SHALL BE COMMON WIRE NAILS. PROVIDE NAILING SHALL BE IN ACCORDANCE WITH "I.B.C. 2018" TABLE 23/04/10/1 FASTENING SCHEDULE.

ROOF & FLOOR SHEATHING:

ROOF SHEATHING SHALL BE % A.P.A. RATED SHEATHING. 5-PLY, SPAN RATING 32/16, INSTALLED LONG DIMENSION ACROSS SUPPORTS, PANEL END JOINTS SHALL OCCUR AT SUPPORTS, NAIL AT PANEL EDGES WITH 10d COMMON (=0.148"6x21/2") @ 6" O.C. AND 12" O.C. AT INTERMEDIATE SUPPORTS. FLOOR SHEATHING SHALL BE 3/4" T&G SPAN RATING 40/20 WITH 10/d COMMON @ 6" O.C. (EDGE) AND 10" O.C. (INTERM). USE 10 SCREWS (21/2" LONG) IN LIEU OF 10'D COMMON NAILS AT FLOOR CONTRACTOR'S OPTION. INSTALL PLYWOOD CLIP AT 48 INCHES ON CENTER. BLOCKING IS REQ'D ALL PANEL EDGES.

ANCHOR BOLTS:

ANCHOR BOLTS TO BE A-301 OR BETTER. ANCHOR BOLTS INTO CONCRETE SHALL BE 5/8 WITH I INCHES OF EMBEDMENT AND SPACED NOT MORE THAN 4' APART. THERE SHALL BE A MINIMUM OF TWO BOLTS PER PIER WITH BOLT LOCATED NOT MORE THAN 12 INCHES OR NOT LESS THAN 4 INCHES FROM EACH END OF EACH PIER. A PROPERLY SIZED NUT WITH 3"x3"x1"4." PLATE WASHER SHALL BE TIGHTENED ON EACH ANCHOR BOLT TO THE P.T. 2x6 SILL PLATE.

PLYWOOD OR OSB WEB JOISTS:

JOISTS ARE SHOWN ON PLANS A 'TJI' TO BE TRUS JOIST OR EQUAL. JOIST ASSEMBLY TO TESTED UNDER 'IBC 2018' TESTING PROCEDURES. COMPLETE JOIST DESIGNS BEARING THE STAMP OF A REGISTERED PROFESSIONAL ENGINEER TO BE SUBMITTED FOR REVIEW. JOIST MANUFACTURER SHALL PROVIDE ALL SPECIALTY ITEMS FOR A NORMAL AND COMPLETE INSTALLATION OF THE JOISTS. INSTALL DOUBLE JOISTS UNDER PARTITIONS EXTENDING ONE HALF OR MORE OF JOIST SPAN.

MacMILLAN PARALLAM (PSL):

PARALLAM SHOWN ON PLAN TO BE TRUS JOIST MACMILLAN'S PARALLAM 22E OR APPROVED EQUAL. OTHER THAN MacMILLAN'S PARALLAM 22E SHALL HAVE ICBO APPROVALS SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW. Fb=2,900 psi., Fv = 290 psi, Fc= 650 psi, E= 2,200,000 psi.

MICROLAM (LYL):

MICROLAM SHOWN ON PLAN TO BE ILEVEL TRUSS JOIST MICROLAM 20E OR APPROVED EQUAL. OTHER THAN MICROLAM 2.0E SHALL HAVE ICBO APPROVALS SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW. Fb=2600 psi, Fv = 285 psi, Fc= 150 psi, E= 2,000,000 psi.

GLUED-LAMINATED TIMBER

LAMINATED TIMBER SHALL BE DOUGLAS-FIR/LARCH KILN DRIED. STRESS GRADE COMBINATION 24F-Y4 (Fb=2,400 PSI, FV=165 PSI) FOR SIMPLE SPAN. A.I.T.C. CERTIFICATE OF CONFORMANCE REQUIRED. GLU-LAMS SHALL CONFORM TO A.I.T.C. STANDARDS 11T. FABRICATOR SHALL SUBMIT DETAILS AND SPECIFICATIONS TO THE ENGINEER AND BUILDING DEPARTMENT FOR APPROVAL PRIOR TO FABRICATION.

STRUCTURAL STEEL:

WIDE FLANGE SHAPES TO BE ASTM A992, GRADE 50, Fy = 50 KSI. CHANNELS, ANGLES, AND PLATES TO BE ASTM A36, Fy = 36 KSI. HSS SECTIONS SHALL BE ASTM A500, GRADE B, Fy = 46 KSI WELD TO BE 3/16" MINIMUM CONTINUOUS FILLET, BY CERTIFIED WELDERS USING ETØXX ELECTRODES. ALL WELDS SHALL CONFORM TO THE LATEST EDITION OF AWS DII. BOLT SHALL BE BEARING TYPE CONNECTIONS USING A325-N BOLTS. ALL BOLTS SHALL BE INSTALLED WITH HARDEN WASHERS CONFORMING TO ASTM F-436 AND NUTS CONFORMING TO ASTM A-563. ALL STEELS EXPOSED TO WEATHER SHALL BE HOT DIP GALYANIZED. ALL STEEL NOT EXPOSED TO WEATHER SHALL BE SHOP PRIMED.

SPECIAL CONDITIONS:

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT OR ENGINEER. THE CONTRACTOR SHALL PROVIDED ADEQUATE SHORING AS REQUIRED UNTIL PERMANENT CONNECTIONS AND STIFFENING HAVE BEEN INSTALLED. THE CONTRACTOR SHALL VERIFY SIZE AND ALL LOCATIONS OF ALL OPENINGS IN THE FLOOR, ROOF, AND WALLS WITH ALL THE APPROPRIATE DRAWINGS. THE CONTRACTOR SHALL COORDINATE WITH THE BUILDING DEPARTMENT FOR ALL BUILDING DEPARTMENT REQUIRED INSPECTIONS. DO NOT SCALE THE DRAWINGS. THE DETAILS SHOWN ARE TYPICAL AND SHALL BE USED FOR LIKE OR SIMILAR CONDITIONS NOT SHOWN.

SPECIAL INSPECTIONS:

EPOXY GROUTED RODS & REBAR

SOIL COMPACTION

PROVIDE SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER IT OF 'IBC 2018' FOR FOLLOWING:

REINFORCING & ANCHOR BOLT PLACEMENT PERIODIC & PRIOR TO ALL CONCRETE POUR CONCRETE PLACEMENT PERIODIC & PRIOR TO ALL CONCRETE POUR CURING & FORM WORK PROCEDURES CONTINUOUS EXPANSION BOLTS & INSERTS PERIODIC INCLUDING TORQUE TESTS

CONTINUOUS

PERIODIC INCLUDING INSPECTION OF HOLE CLEANLINESS & EMBEDMENT DEPTH PRIOR TO ALL INSTALLATION

SHEAR WALL SCHEDULE (12)

MARK SHEATHING SHEATHING AT ALL PANEL EDGES ADJOINING PANEL EDGES CONN. TO TOP PLATE NAILING TO WOOD BELOW (8) (1) (13)

CLIP # 12" O.C.

3. PROVIDE SHEAR WALL SHEATHING AND NAILING FOR THE ENTIRE LENGTH OF THE WALLS INDICATED ON THE PLANS. ENDS OF FULL HEIGHT WALLS ARE DESIGNED

6. BASED ON Ø.131 \$x11/2" LONG NAILS USED TO ATTACH FRAMING CLIPS DIRECTLY TO FRAMING. USE Ø.131x21/2" NAILS WHERE INSTALLED OVER SHEATHING.

13. USE SIMPSON % O TITEN HD WITH STEEL PLATE WASHERS 1/4"x3"x3" EMBED 31/2" MINIMUM AT EXISTING CONC. STEM WALL. INSTEAD OF % O ANCHOR BOLTS.

8. ANCHOR BOLTS SHALL BE PROVIDED WITH STEEL PLATE WASHER 1/4"x3"x3". EMBED ANCHOR BOLTS 1" MINIMUM INTO THE CONCRETE.

NAILS AND CONNECTOR PLATES (FRAMING ANGLES, ETS.) FOR ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED FRAMING MEMBERS.

4. SHEATHING EDGE NAILING REQUIRED AT ALL HOLDOWN POST. EDGE NAILING MAY ALSO BE REQUIRED TO EACH STUD USED IN BUILT-UP HOLDOWN POST. REFER TO

9. PRESSURE TREATED MATERIAL CAN CAUSE EXCESSIVE CORROSION IN THE FASTENERS. PROVIDE HOT-DIPPED GALVANIZED (ELECTRO-PLATING IS NOT ACCEPTABLE)

II. CONTACT THE ENGINEER OF RECORD FOR ADHESIVE OR EXPENSION BOLT ALTERNATIVES TO CAST-IN-PLACE ANCHOR BOLTS, (SPECIAL INSPECTION WILL BE REQUIRED)

BY EXTERIOR OF THE BUILDING, CORRIDORS, WINDOWS, OR DOORWAYS OR AS DESIGNATED ON PLANS. SEE PLANS FOR HOLD-DOWN REQUIREMENTS. WALLS DESIGNATED

APA RATED NAIL SIZE & SPACING STUD & BLOCKING SIZE AT RIM JOIST OR BLK'G 2x PLATE ATTACHMENT

I. 15/32" APA RATED SHEATHING (5-PLY & 32/16 SPAN RATING). PANELS ARE APPLIED WITH LONG DIMENSION ACROSS STUDS.

(2)(5)(10)

2x6 DF *2

2x6 DF *2

3x6 DF *2

CONTINUOUS A325-N BOLT CONNECTION

TYPICAL EXTERIOR WALL CONSTRUCTION:

1. SHEATHING: $\frac{1}{2}$ APA RATED SHEATHING, EXTERIOR GLUE, EXTERIOR SIDE OF WALL, PANELS ARE APPLIED WITH LONG DIMENSION ACROSS STUDS, ALL PANEL EDGES BLOCKED, NAILING:

0.131+"x21/2" NAIL @ 6" O.C. : EDGES AND BOUNDARIES Ø.131"¢x21/2" NAIL \$ 12" O.C. : FIELD.

2. BOLTS AT P.T. 2x6 SILL PLATE TO CONCRETE WITH 5/4 A. BOLTS @ 48' O.C. A. BOLTS TO BE PLACED 4" TO 12" FROM END OF EACH PLATE. ALL A. BOLTS SHALL BE SECURED WITH 3"x3"x14" PLATE WASHER.

3. EXTERIOR STUD SHALL BE 2x6 DF *2

W6 | 15/32" ONE SIDE | Ø.148" ♦ x 2½" € 6" O.C.

W4 | 15/32" ONE SIDE | Ø.148" ♦ x 2½" € 4" O.C.

| (W3) | 15/32" ONE SIDE | Ø.148" + x 21/2" @ 3" O.C.

2. BLOCKING IS REQUIRED AT ALL PANEL EDGES.

THE HOLDOWN DETAILS FOR ADDITIONAL INFORMATION.

1. FRAMING CLIPS: A35 OR LTP4 OR APPROVED EQUIVALENT.

(1) (3) (4)

NOTES:

4. FASTEN DOUBLE PLATE TO JOIST OR BLOCKING ABOVE WITH Ø.148'4x3" TOE NAIL @ 6" O.C.

AS PERFORATED SHEAR WALLS REQUIRE SHEATHING ABOVE AND BELOW ALL OPENINGS.

5. INTERMEDIATE FRAMING TO BE WITH 2x MINIMUM MEMBERS. FIELD NAILING Ø.148°0×2½° € 12° O.C.

10. AT ADJOINING PANEL EDGES USE A SINGLE 3x6 DF 12 STUD FOR 1/1021 SHEAR WALL.

12. SHEAR WALL SCHEDULE BASED ON 2018 IBC FOR DOUG-FIR LARCH FRAMING.

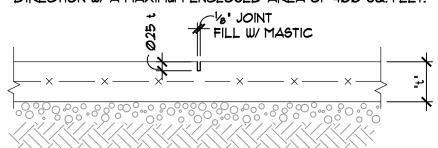
5. 8d COMMON: Ø.1314"x21/2", 10d COMMON: Ø.148"4x3", 16d COMMON: Ø.161"4x31/2"

(3)(4)

STOP REINF. 1" CONT. EA. SIDE OF JOINT MESH REINF. OR *4 BAR (SEE PLAN)

CONSTRUCTION JOINT

SLAB JOINTS TO BE LOCATED BY THE CONTRACTOR W/ APPROVAL OF THE ARCHITECT. JOINTS TO BE LAID OUT IN A RECTANGULAR PATTERN NOT MORE THAN 20 FEET IN ANY DIRECTION W/ A MAXIMUM ENCLOSED AREA OF 400 SQ. FEET.



(2) ROWS OF 16d @ 3" OC

(TOTAL 12 EA. SIDE)

- 2x4 DF #2

BLK'G @

PLYWOOD

2x6 STUD

PANEL EDGE

SHEAR CAPACITY

SEIS WIND

600 840

435

645

310

460

STUD ---

PLYWD. SHT'G

PLYWD. SHT'G

CLIP = 16' O.C. | 0.148' + x 314' = 4' O.C. | 5/8' + A.B. = 32' O.C.

Ø.148'\$ x 314' \$ 3' O.C.

EDGE NAIL

MIN 8' REQ'D FOR NEXT

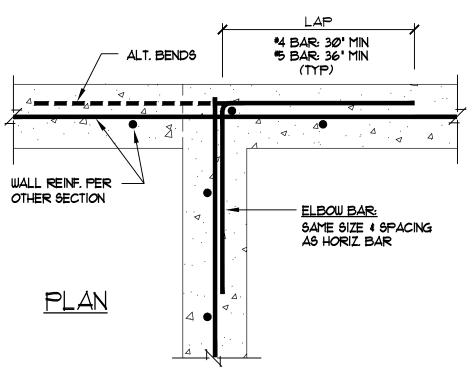
TOP OR BOTTOM & SPLICE

SILL PLATE ATTACHMENT

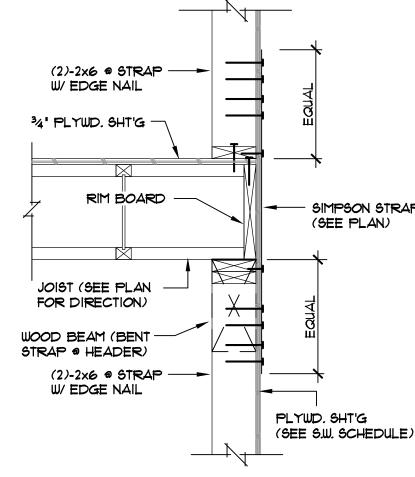
2x6 DF *2

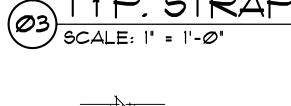
2x6 DF *2

3x6 DF *2









(2)-2x6 DF*2

W/ EDGE NAIL

HOLD-DOWN

(SEE PLAN)

%'exi2' LAG

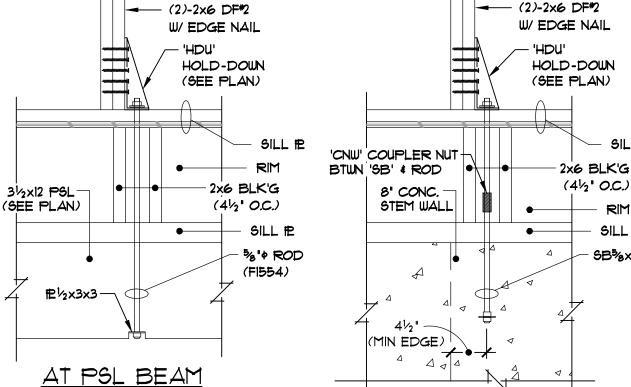
SCREW

-CONC. SLAB OR

FINISH GRADE

 $-\!\!\times\!\!-\!\!\!-$

'HDU5'



HDU4 (2) 2x6 (10) SDS 14"x21/2" SB5x24

HDU5 (2) 2x6 (14) SDS 1/4"x21/2" 5/8" +x12" LAG SCREW

TABLE:

2x6 KING STUD

(SEE TABLE)

KING STUD:

STUDS OPENING

ONE UP TO 5'

TWO | UP TO 14'

HEADER

(TYP)

10d a 12" O.C. —

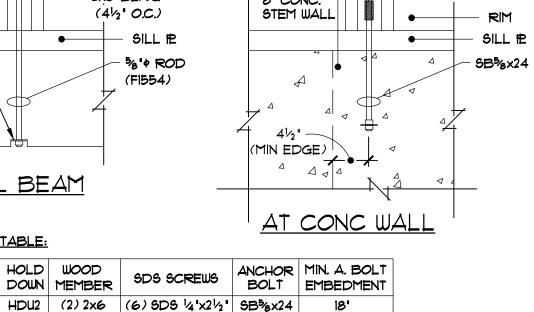
BETWEEN STUD

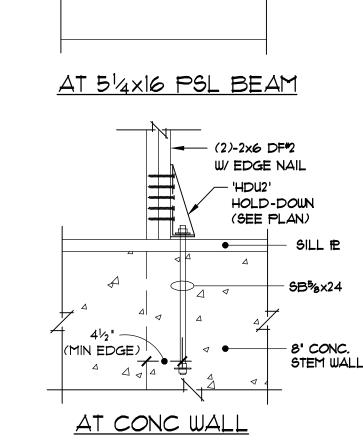
(TYP)

(2)-16d TO -

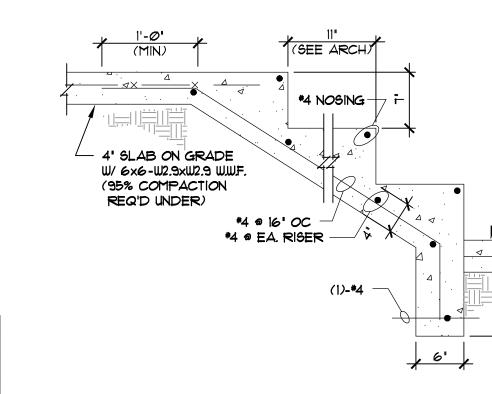
HOLD WOOD

DOWN MEMBER









BEAM PERP. TO WALL (TYP. U.O.N.): 4x , 31/4x PSL: (2)-2x6 JACKS MIN. UNDER BEAM 6x , 51/4x PSL: (3)-2x6 JACKS MIN. UNDER BEAM



##

(2)-16d TOE NAIL

@ EA. END (TYP)

HEADER

(SEE TABLE)

(2)-2x

TABLE (JACK)

HEADER MIN. JACK

5½ GLB (2)-2x6

(SEE PLAN)

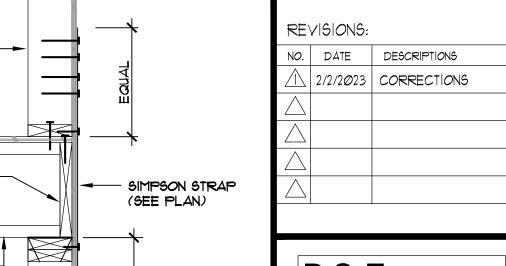
(1)-2×6

(2)-2×6

@	TYP. CONC. SCALE: 1" = 1'-0"	STAIR
	SCALE: 1" = 1'-0"	

<u>FOOTING</u>	<u> </u>

MARK	SIZE	REINFORCEMENT
F3.5	3'-6'x3'-6'x12"	(4)-#5 (3'-0") EACH WAY (3" FROM BOTTOM OF FOOTING)
F4.Ø	4'-@"x4'-@"x14"	(5)-#5 (3'-6') EACH WAY (3' FROM BOTTOM OF FOOTING)

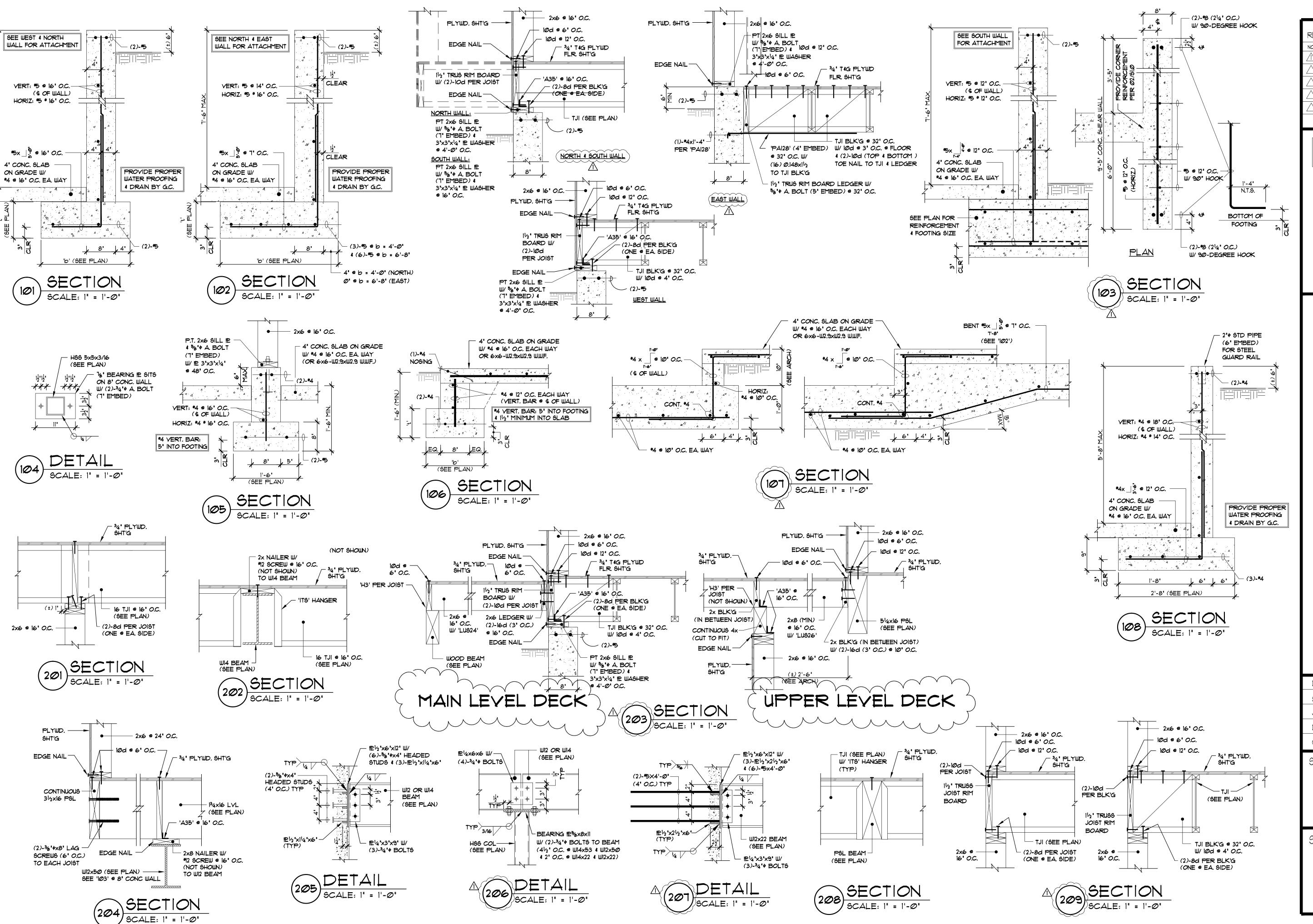


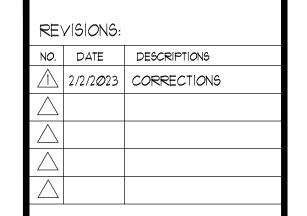


 \Box Q **PROJE**(

DATE: June 22, 2022 SEE PLAN JOB NO.: 22-3*00* DRAWN: D. S. CHECK: D. S.

GENERAL NOTES DETAILS AND SECTIONS







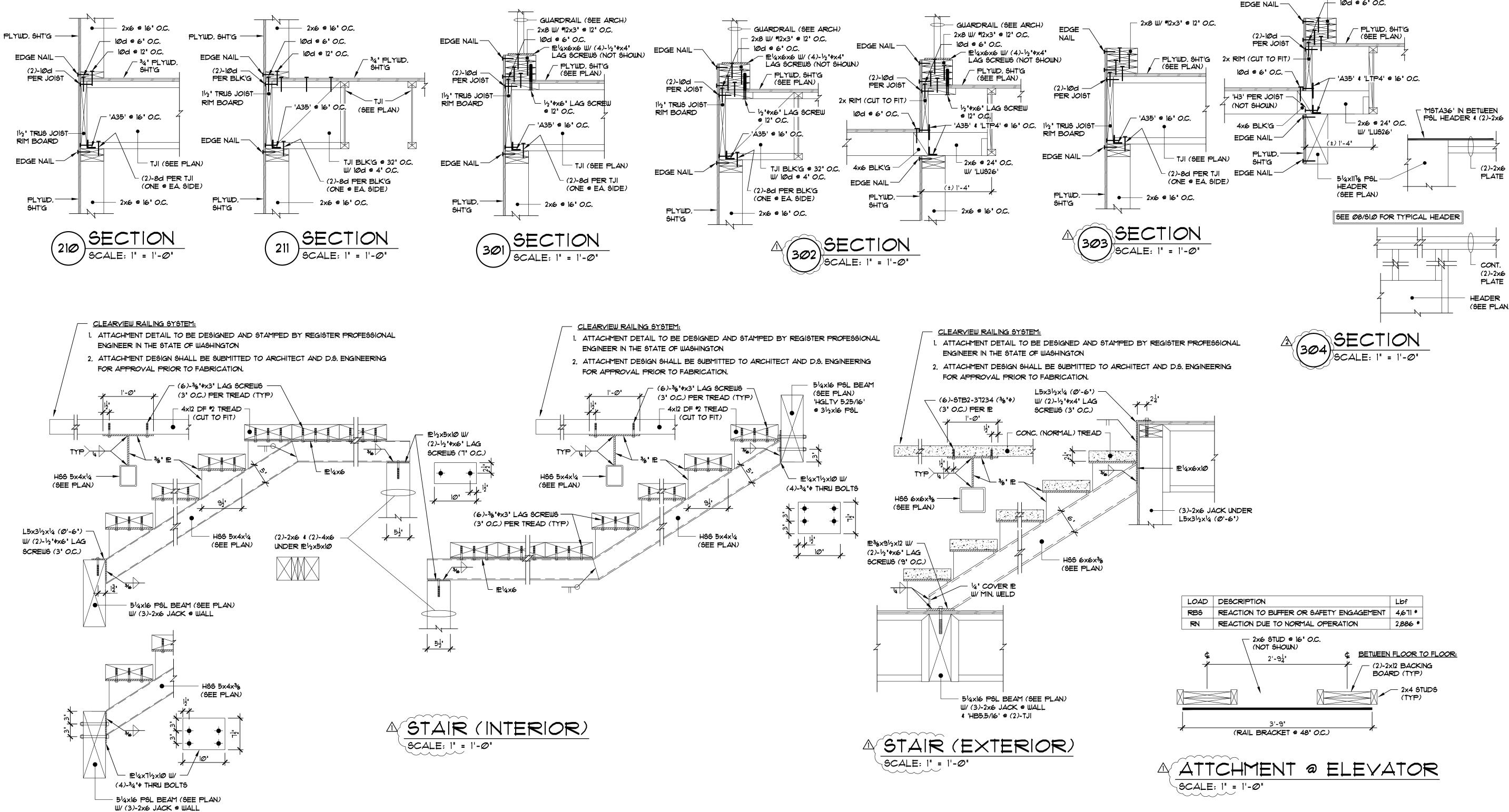
PROJECT:

| MERCER RESIDENCE | SSO SE MAKER STREET | SEAND, WA 98040

DATE:	June 22, 2022
SCALE:	SEE PLAN
JOB NO.:	22-3 <i>©©</i>
DRAWN:	D. S.
CHECK:	D. S.
SHEET -	FI+1 -
SHEET	
	CTIONS

SHEET

S1.1



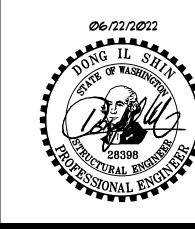
REVISIONS:						
NO.	DATE	DESCRIPTIONS				
\triangle	2/2/2 <i>©</i> 23	CORRECTIONS				
2	3/14/2 <i>0</i> 23	CORRECTIONS				
\triangle						
\triangle						
\triangle						

- 2x8 W/ #12x3" @ 12" O.C.

D. S. Engineering
Consulting Structural Engineers

3121 147th Place SE
Mill Creek, WA 98012
T: 425-338-4776

06/22/2022



PROJECT:

MERCER RESIDENCE

6950 SE MAKER STREET

MERCER ISLAND, WA 98040

DATE: June 22, 2022

SCALE: SEE PLAN

JOB NO.: 22-300

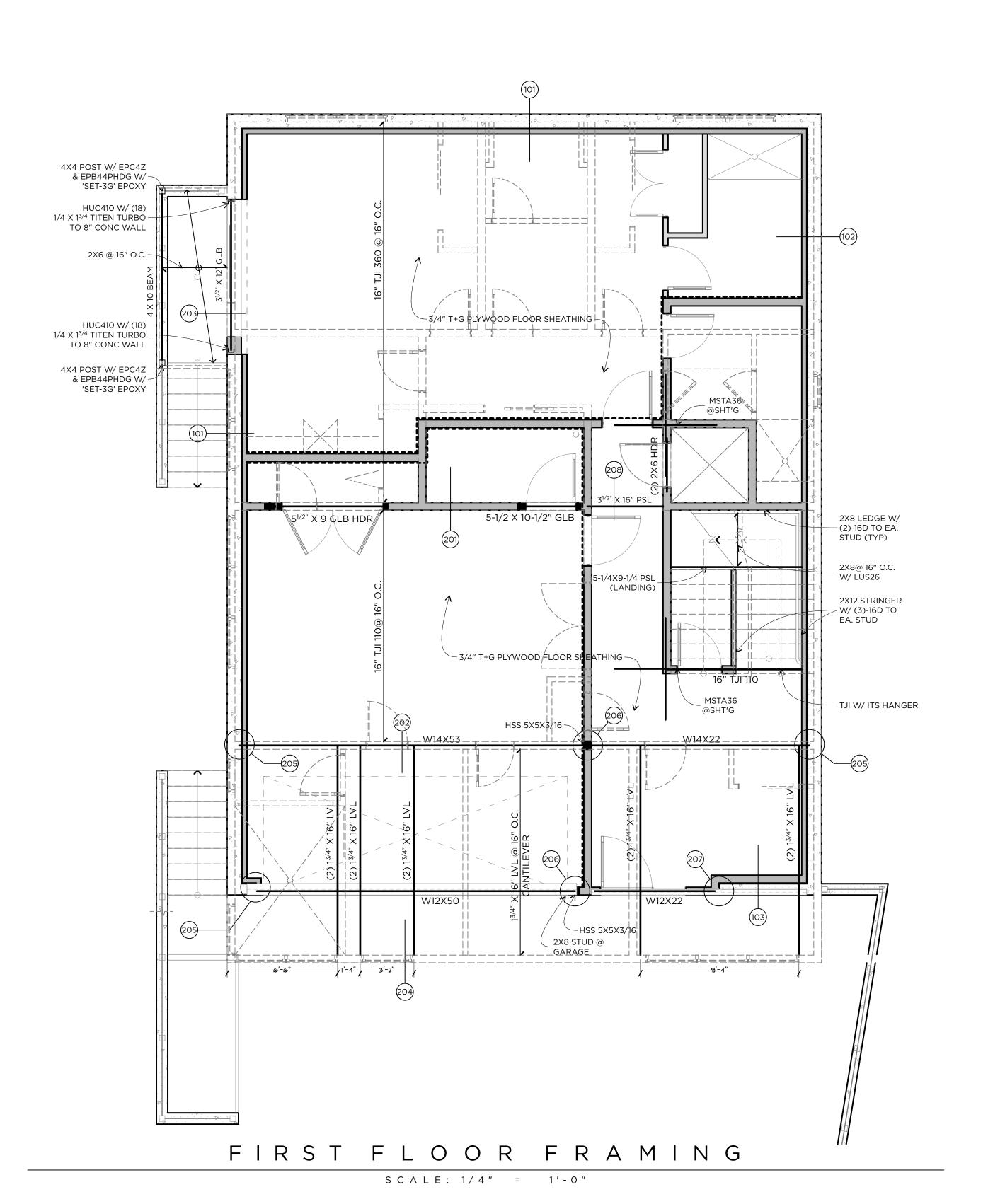
DRAWN: D. S.

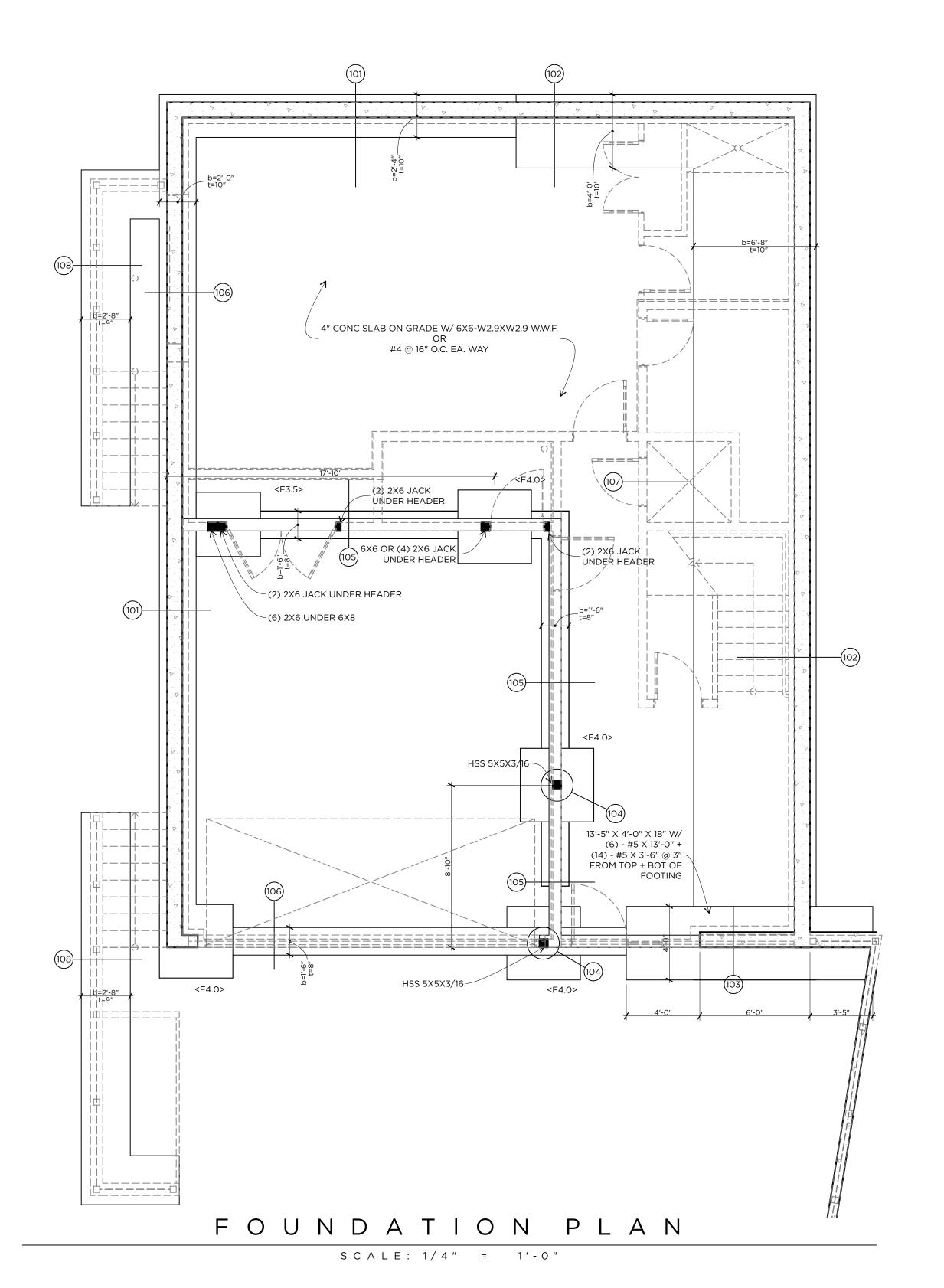
CHECK: D. S.

SECTIONS & DETAILS

SHEE

S1.2





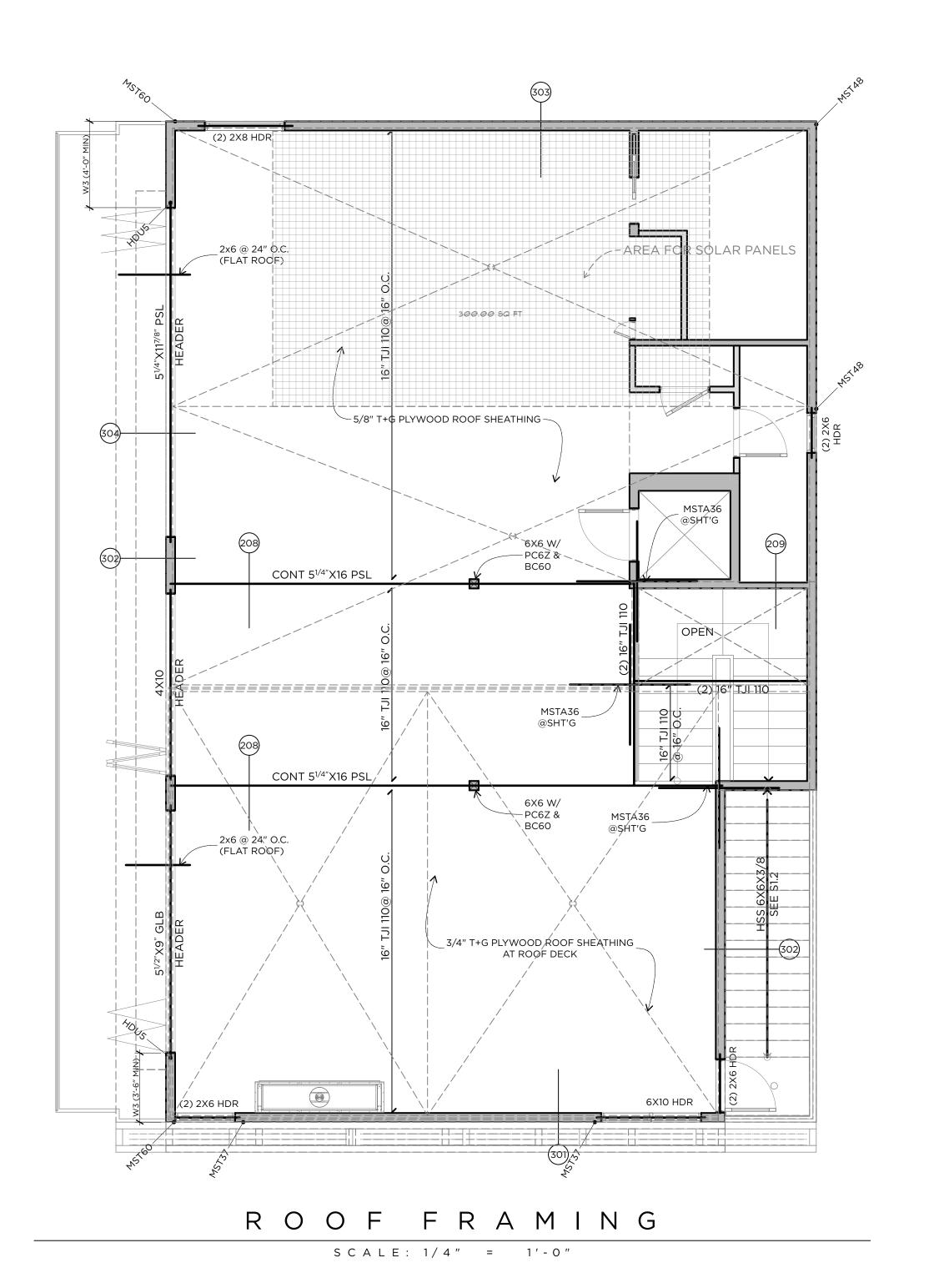
S 2 . O

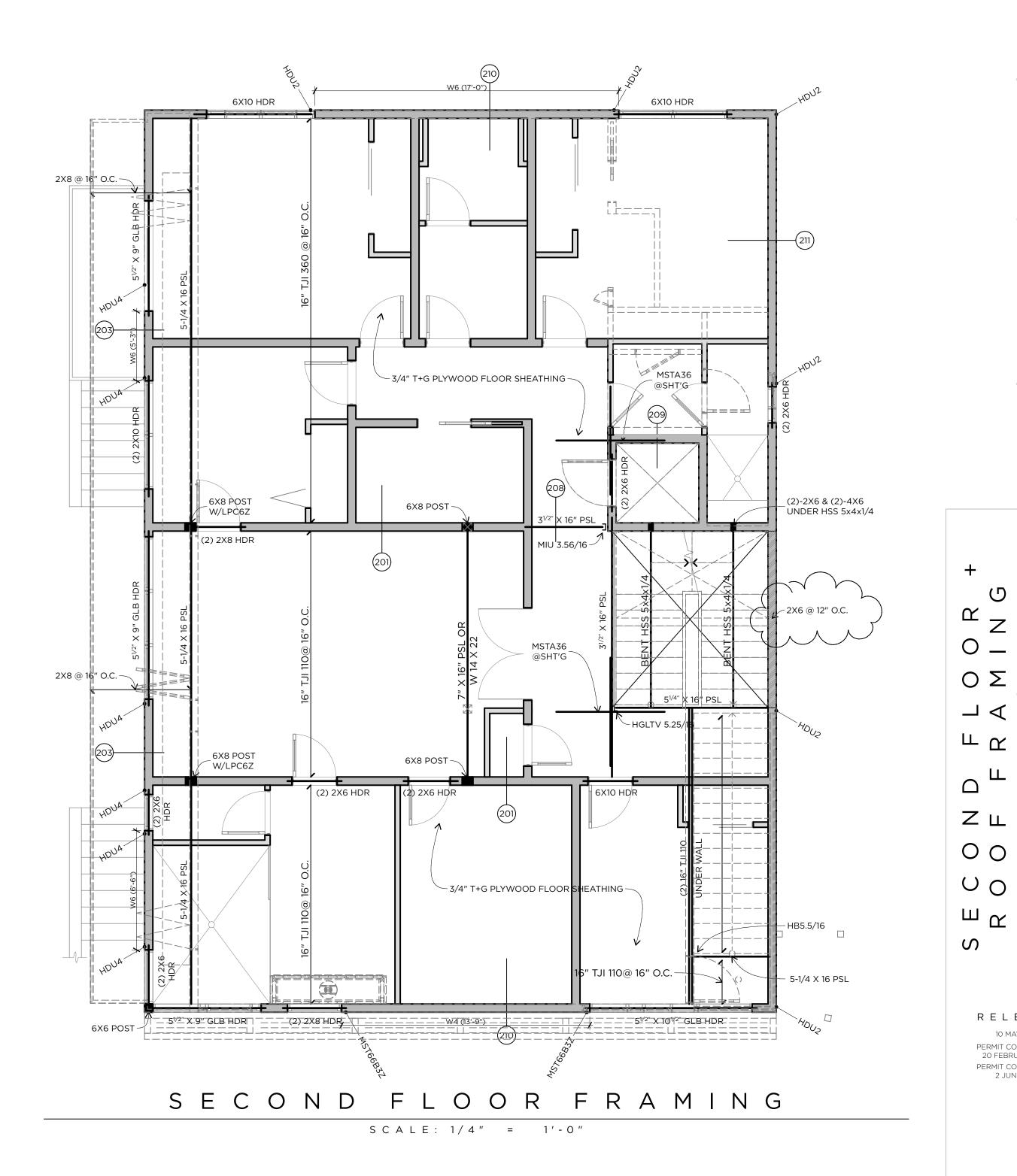
RELEASE

10 MAY 2022

PERMIT CORRECTIONS
20 FEBRUARY 2023

PERMIT CORRECTIONS
2 JUNE 2023





RELEASE

10 MAY 2022 PERMIT CORRECTIONS 20 FEBRUARY 2023

PERMIT CORRECTIONS 2 JUNE 2023

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