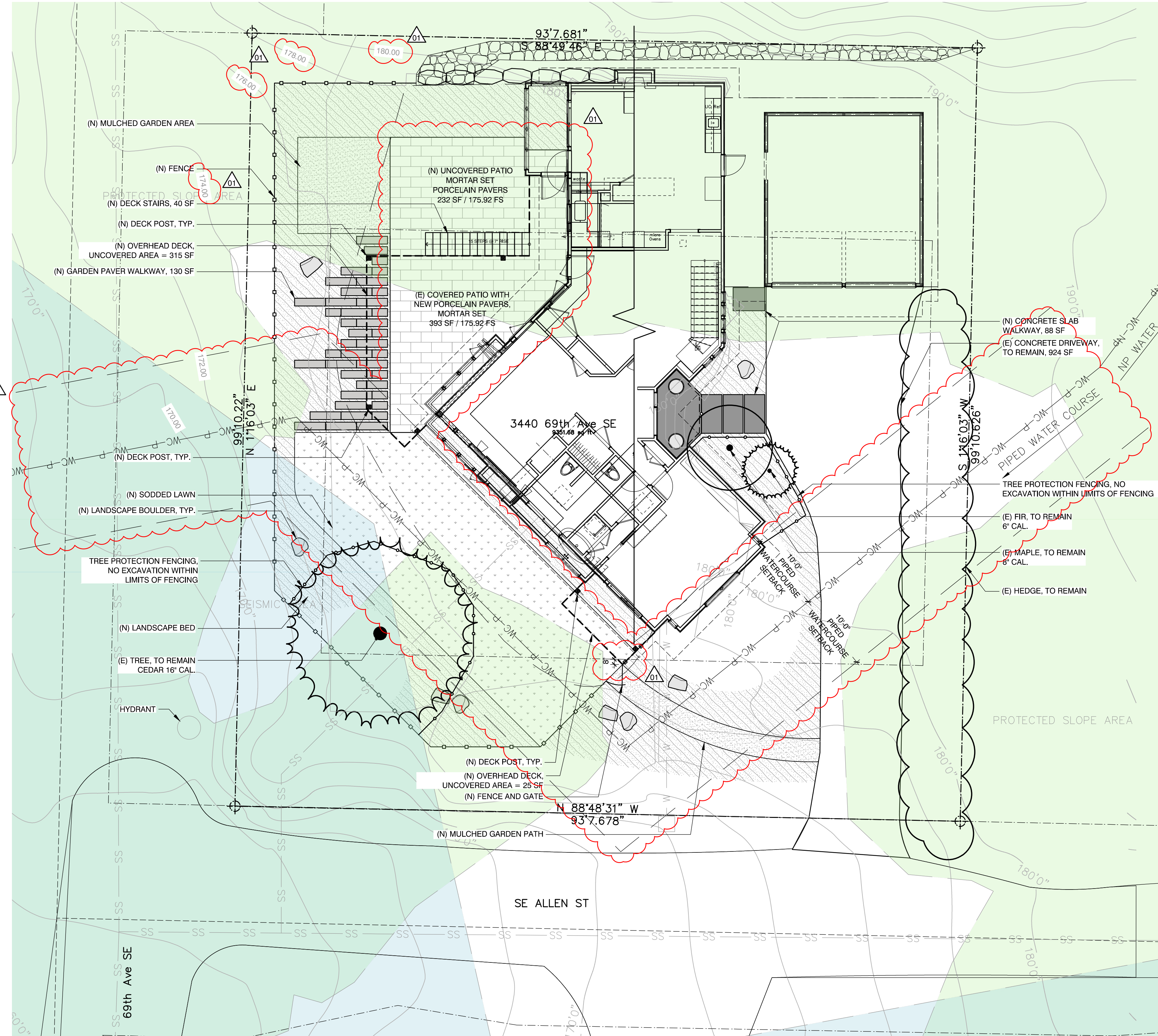
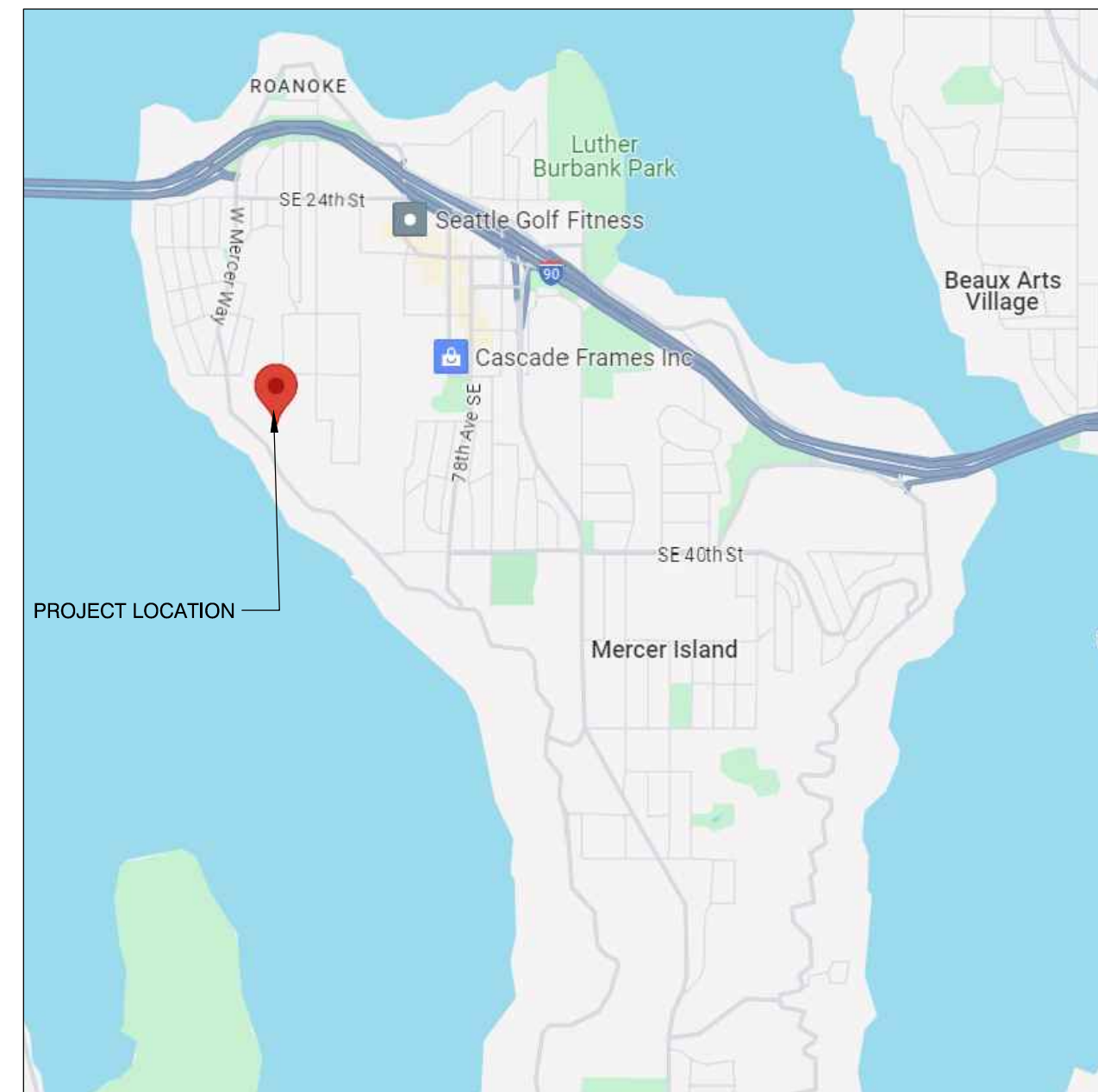


**VICINITY MAP**



**PROJECT INFORMATION**

**PROJECT CONTACT**  
LAUREN GALANTE  
STUDIO TERRAIN, LLC  
18040 DES MOINES MEMORIAL DR. S.  
SEATAC, WA 98148  
206-909-0321

**SITE AREA**  
9392 SF

**PARCEL NUMBER**  
935090-0120

**JURISDICTION**  
MERCER ISLAND

**OWNERS**  
HYUNGTAE KIM & HANA LIM  
3440 69TH AVE SE MERCER  
ISLAND, WA 98040

**ZONING**  
R-8.4

**OCCUPANCY CLASS**  
SINGLE FAMILY

**LEGAL DESCRIP.**  
WHITE BRDS 1ST TO EAST SEATTLE W 7.36 FT OF 22 ALL 23-24-25 & POR OF 26 LY E OF LN BEG 10.28 FT W OF SE COR TH N 00-10-36 E TO N LN OF SD LOT

**DEVELOPMENT STANDARDS**

**YARDS:**  
FRONT - 20 FT.  
REAR - 25 FT  
SIDE - PER PLAN

**CODE INFORMATION**  
COMPLY WITH ALL APPLICABLE CODES AND STANDARDS:  
2018 INTERNATIONAL BUILDING CODE (IBC)  
2018 INTERNATIONAL RESIDENTIAL CODE (IRC)  
2018 INTERNATIONAL MECHANICAL CODE (IMC)  
2018 INTERNATIONAL FUEL GAS CODE (IFGC)  
2018 INTERNATIONAL PLUMBING CODE (UPC)  
2018 INTERNATIONAL FIRE CODE (IFC)  
2018 INTERNATIONAL EXISTING BUILDING CODE  
2018 INTERNATIONAL SWIMMING POOL & SPA CODE  
WASHINGTON STATE ENERGY CODE (WSEC)

**LOT SLOPE CALCULATIONS**

HIGHEST POINT OF LOT: 195.0 FT.  
LOWEST POINT OF LOT: 165.0 FT.  
ELEVATION DIFFERENCE: 30.0 FT.  
HORIZONTAL DISTANCE BETWEEN HIGH AND LOW POINTS: 137.0 FT

**LOT SLOPE %:** 22%

**LOT CALCULATIONS**

A. GROSS LOT AREA:	9,352 SF
B. NET LOT AREA:	9,352 SF
C. ALLOWED LOT COVERAGE AREA:	3,273 SF
D. ALLOWED LOT COVERAGE:	35%
E. EXISTING LOT COVERAGE AREA:	0 SF
E.1. MAIN STRUCTURE ROOF AREA:	2,192 SF
E.2. ACCESSORY BUILDING ROOF AREA:	715 SF
E.3. VEHICULAR USE:	924 SF
E.4. COVERED PATIOS AND COVERED DECKS:	393 SF
E.5. TOTAL EXISTING LOT COVERAGE:	4,224 SF
F. TOTAL LOT COVERAGE REMOVED:	0 SF
G. PROPOSED ADJUSTMENT FOR SINGLE STORY:	0 SF
H. PROPOSED ADJUSTMENT FOR FLAG LOT:	0 SF
I. TOTAL NEW LOT COVERAGE AREA:	0 SF
I.1. MAIN STRUCTURE ROOF AREA:	0 SF
I.2. ACCESSORY STRUCTURE ROOF AREA:	0 SF
I.3. VEHICULAR USE:	0 SF
I.4. COVERED PATIOS AND COVERED DECKS:	0 SF
I.5. TOTAL NEW LOT COVERAGE AREA:	0 SF
J. TOTAL PROJECT LOT COVERAGE AREA:	4,224 SF
K. PROPOSED LOT COVERAGE AREA:	45% OF LOT

**HARDSCAPE CALCULATIONS**

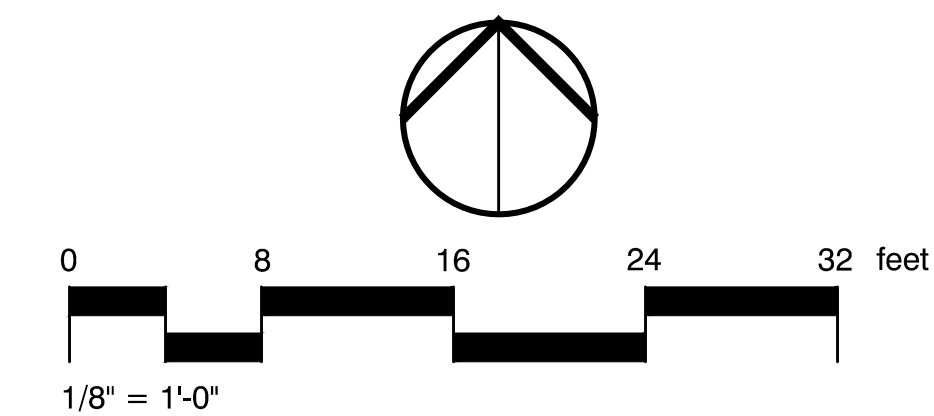
A. GROSS LOT AREA:	9,352 SF
B. NET LOT AREA:	9,352 SF
C. AREA BORROWED FROM LOT COVERAGE:	0 SF
D. ALLOWED HARDSCAPE AREA = 9% OF LOT + C	9%
E. ALLOWED HARDSCAPE AREA:	842 SF
F. TOTAL EXISTING HARDSCAPE AREA:	0 SF
F.1. UNCOVERED DECKS:	287 SF
F.2. UNCOVERED PATIOS:	0 SF
F.3. WALKWAYS:	70 SF
F.4. STAIRS:	46 SF
F.5. ROCKERIES & RETAINING WALLS:	0 SF
F.6. OTHER:	0 SF
F.7. TOTAL EXISTING HARDSCAPE AREA:	403 SF
G. TOTAL HARDSCAPE REMOVED:	403 SF
H. TOTAL NEW HARDSCAPE AREA:	0 SF
H.1. UNCOVERED DECKS:	338 SF
H.2. UNCOVERED PATIOS:	232 SF
H.3. WALKWAYS:	230 SF
H.4. STAIRS:	40 SF
H.5. ROCKERIES & RETAINING WALLS:	0 SF
H.6. OTHER:	0 SF
H.7. TOTAL NEW HARDSCAPE:	840 SF
I. TOTAL PROJECT HARDSCAPE AREA:	840 SF
J. TOTAL PROJECT HARDSCAPE AREA (%):	9%

**LANDSCAPE CALCULATIONS**

A. EXISTING LANDSCAPING TO REMAIN:	2,624 SF
B. PROPOSED LANDSCAPING:	1,676 SF
C. TOTAL LANDSCAPED AREA:	4,300 SF
D. TOTAL TREES ON SITE:	3 EA
E. TOTAL TREES TO BE REMOVED:	0 EA
F. TOTAL TREES TO BE PLANTED:	0 EA

**SHEET INDEX**

L1.1	SITE PLAN
L1.2	DECK PLAN
S1.0	GENERAL STRUCTURAL NOTES
S2.0	FRAMING & FOUNDATION PLAN
S3.0	STRUCTURAL DETAILS



1 SITE PLAN

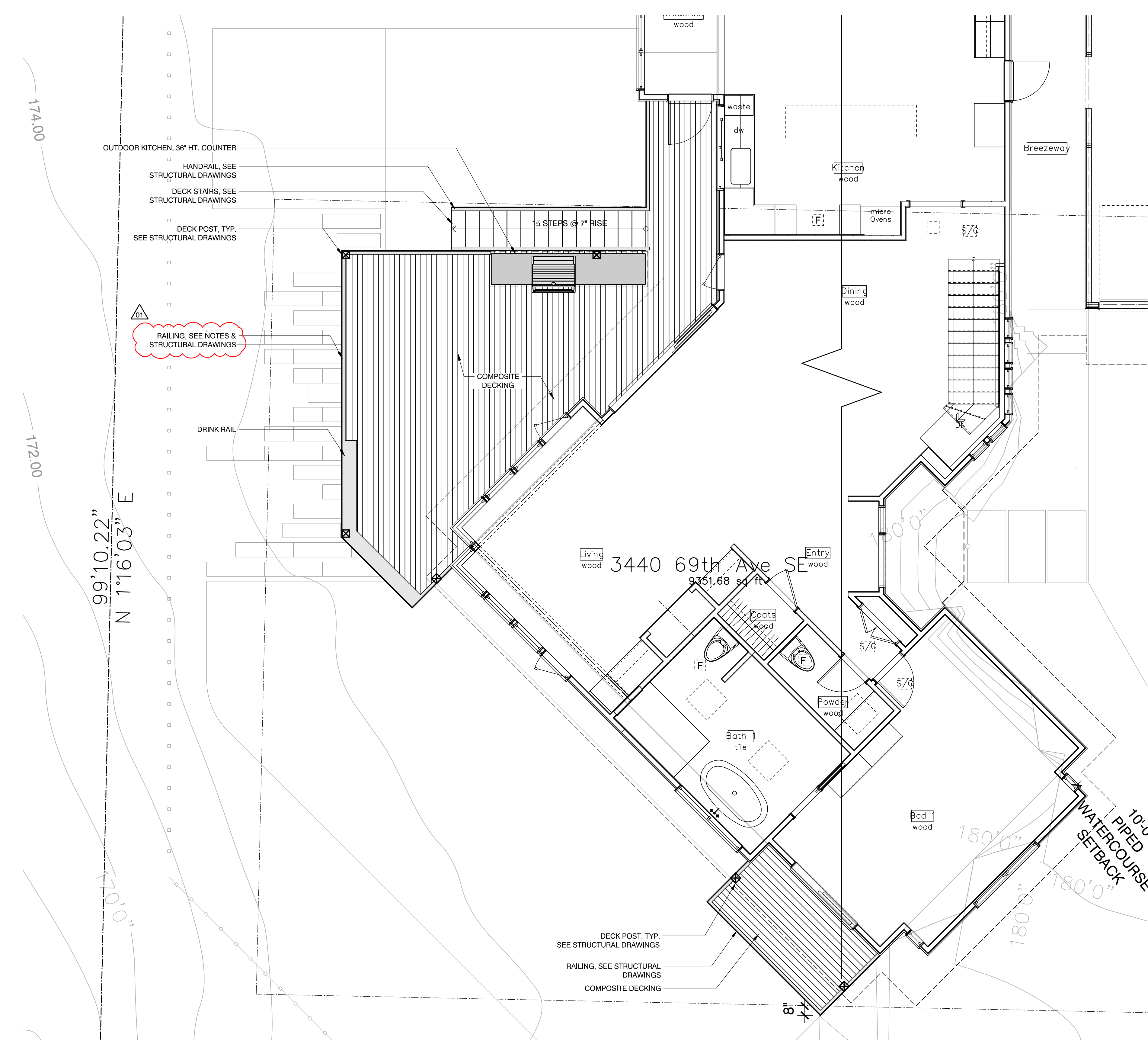
1/8" = 1'-0"

18040 Des Moines Memorial Drive S  
Suite 103  
SeaTac, WA 98148

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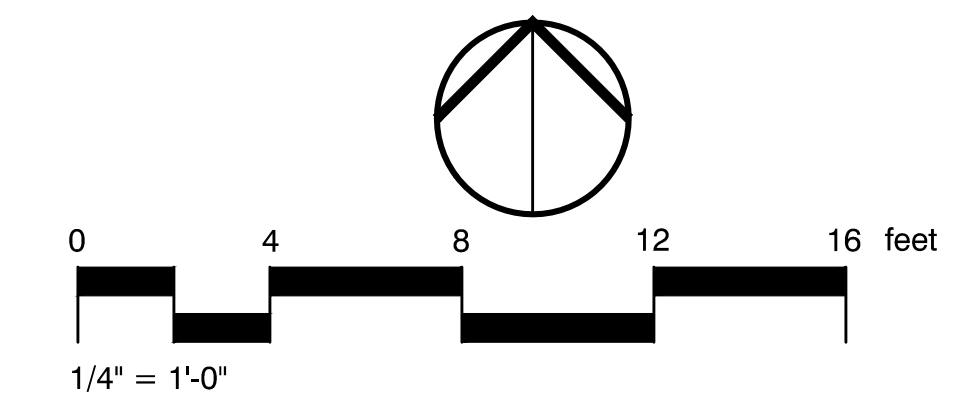
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1/8" = 1'-0"

**L1.1**



1 DECK PLAN

- DECK NOTES:**
1. RAILING TO BE LOCATED ON ALL ON ALL DECKING SURFACES WITH A HEIGHT FROM FINISH GRADE 30" OR GREATER.
  2. RAILING TO BE STEEL WITH HORIZONTAL PICKETS, 36" HT. MIN.
  3. GUARDRAIL SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A 4" DIAMETER SPHERE.
  4. HANDRAILS SHALL BE PROVIDED ON NOT LESS THAN ONE SIDE OF EACH FLIGHT OF STAIRS WITH FOUR OR MORE RISERS.
  5. HANDRAIL HEIGHT, MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FINISH SURFACE OF RAMP SLOPE, SHALL BE NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES.
  6. ALL HANDRAIL AND GUARDRAILS SHALL COMPLY WITH INTERNATIONAL RESIDENTIAL CODE (IRC).



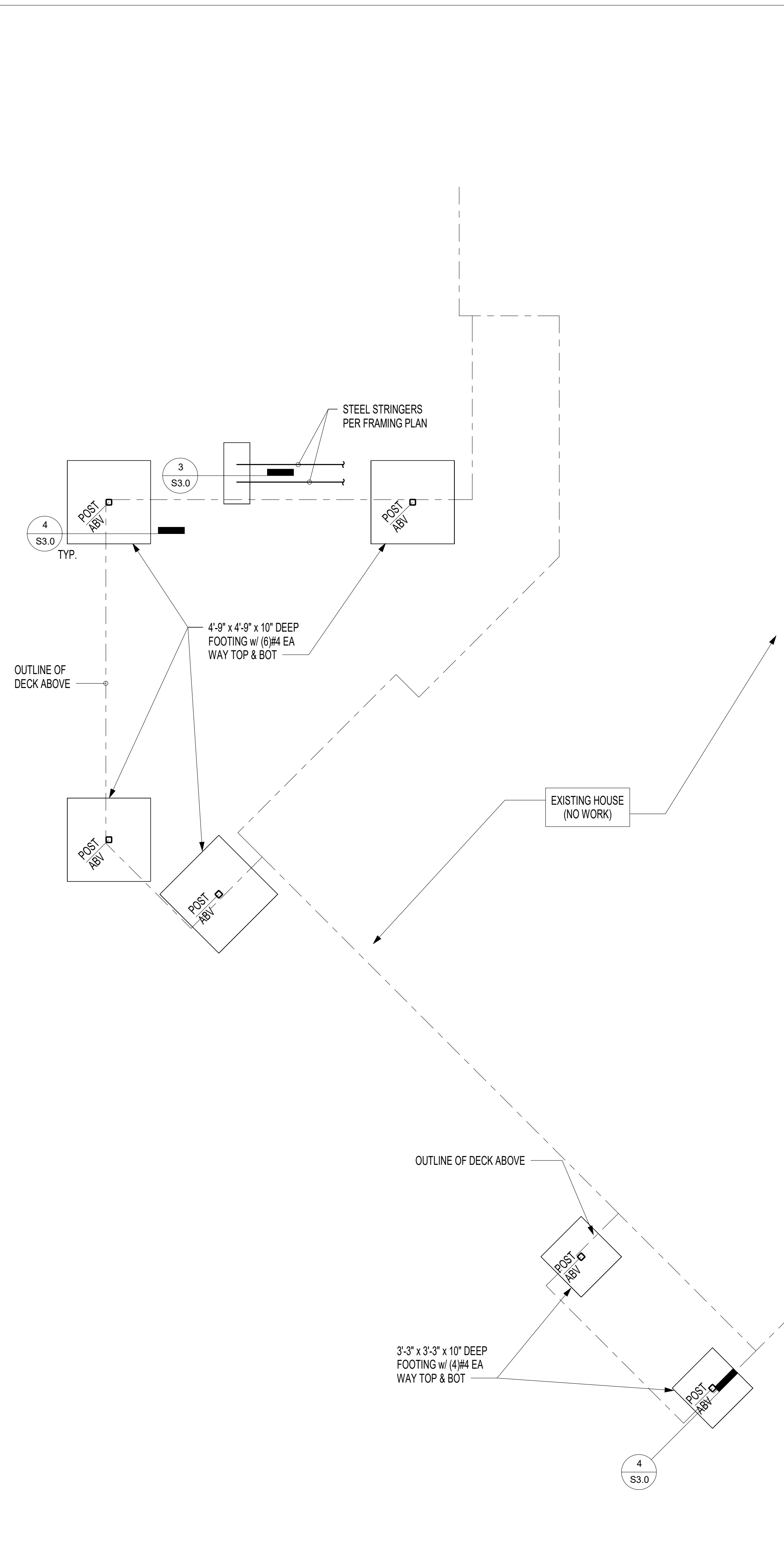
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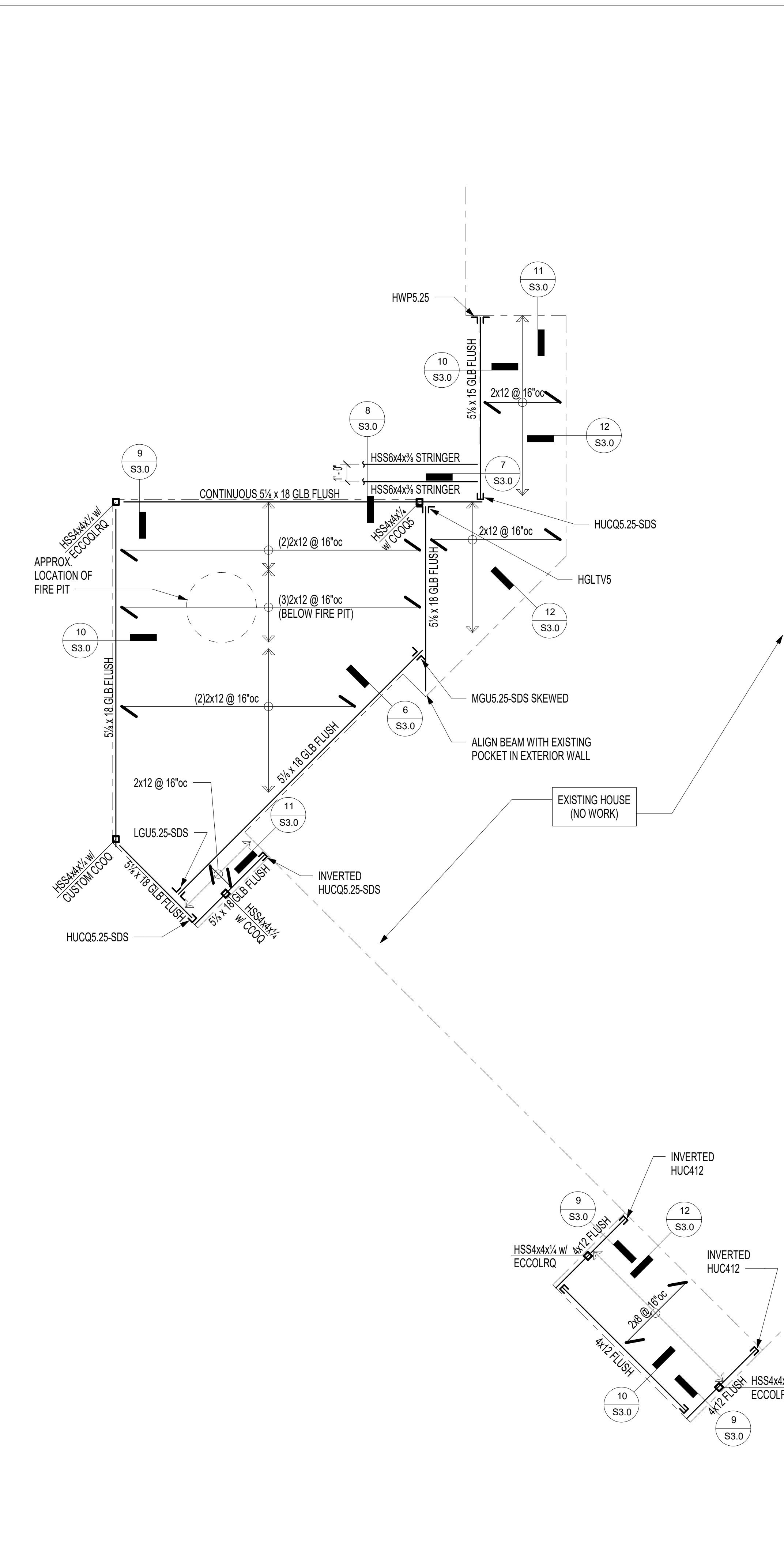
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1/4" = 1'-0"

**L1.2**





1 FOUNDATION PLAN  
1/4" = 1'-0"

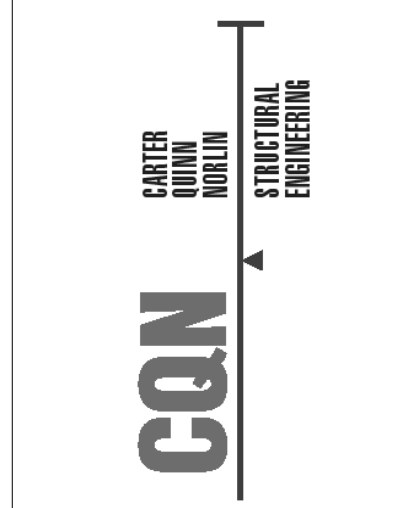


2 DECK FRAMING PLAN  
1/4" = 1'-0"

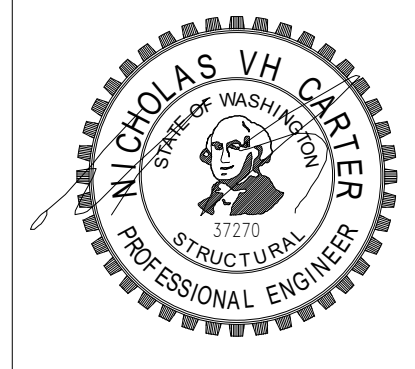
**LEGEND**

- HANGER
- WALL/ COLUMN
- SPAN AND EXTENTS
- INDICATES DETAIL X ON SHEET SX.XX

- FRAMING PLAN NOTES**
1. DECK SHEATHING SHALL BE 23/32" TONGUE AND GROOVE APA RATED STRUCTURAL PLYWOOD SHEATHING WITH PANEL INDEX 48/24. ATTACH TO FRAMING WITH 10d NAILS AT 6" oc AT FRAMED PANEL EDGES AND WALLS AND 12" oc AT INTERMEDIATE FRAMING UNO. PROVIDE BLOCKING AND PANEL EDGE NAILING PER DETAIL 2/56.04 AT ALL PANEL EDGES UNO.
  2. SIMPSON CCOQ SERIES COLUMNS CAPS CALLED OUT ON THE PLANS ARE THE "NO STRAP" VERSION AND SHALL BE WELDED TO THE TOP OF HSS COLUMNS WITH 3/16" FILLET WELDS ON ALL SIDES.
  3. GUARDRAILS AND ATTACHMENT TO STRUCTURE HAVE BEEN DESIGNED TO RESIST A 200# POINT LOAD ON THE TOP RAIL ACTING IN ANY DIRECTION. IF A DIFFERENT GUARDRAIL SYSTEM IS INSTALLED, CONTRACTOR SHALL VERIFY TO THE INSPECTOR THAT ALL GUARDS AND RAILINGS SHALL BE CAPABLE OF RESISTING 200# POINT LOAD ON THE TOP RAIL ACTING IN ANY DIRECTION AS REQUIRED BY IRC TABLE R301.5.



2033 6th Ave Suite 995  
Seattle, WA 98121  
(206)264-7784



**KIM-UM RESIDENCE**  
FOUNDATION & FRAMING PLAN  
3440 69TH AVE SE MERCER ISLAND, WA 98040

SEAL:

NO.	DESCRIPTION	DATE
1	REV. COMMENTS FROM CITY	04.10.24

03.13.24  
As indicated

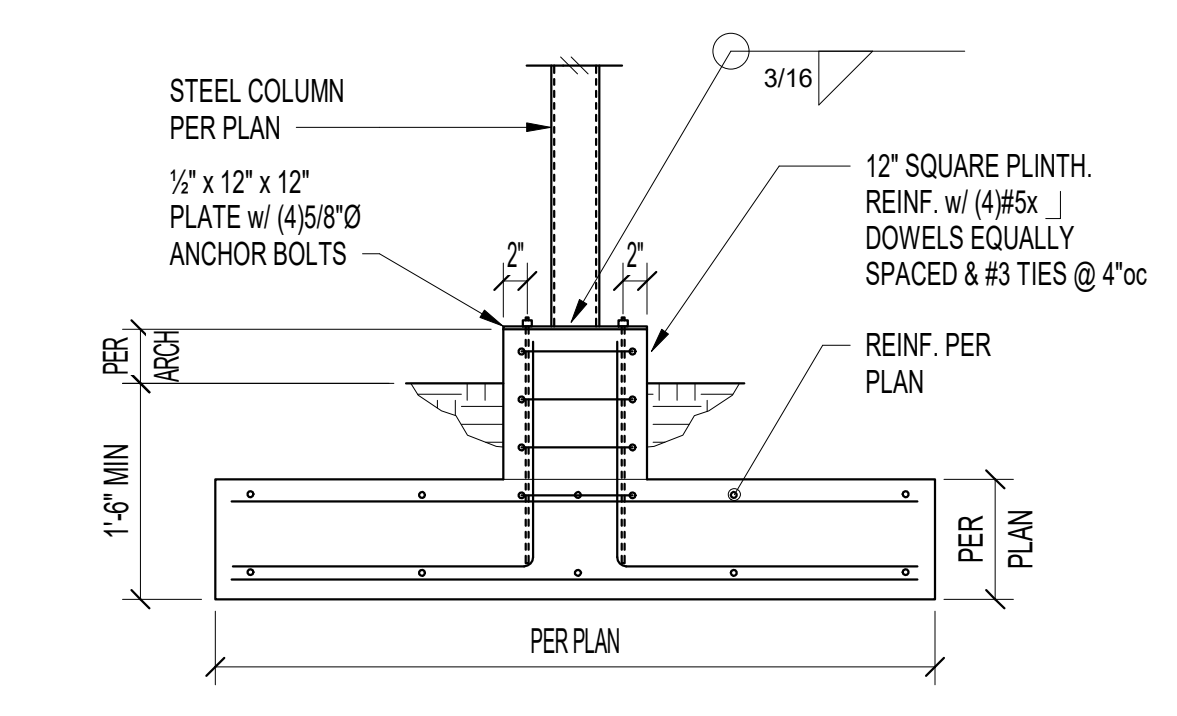
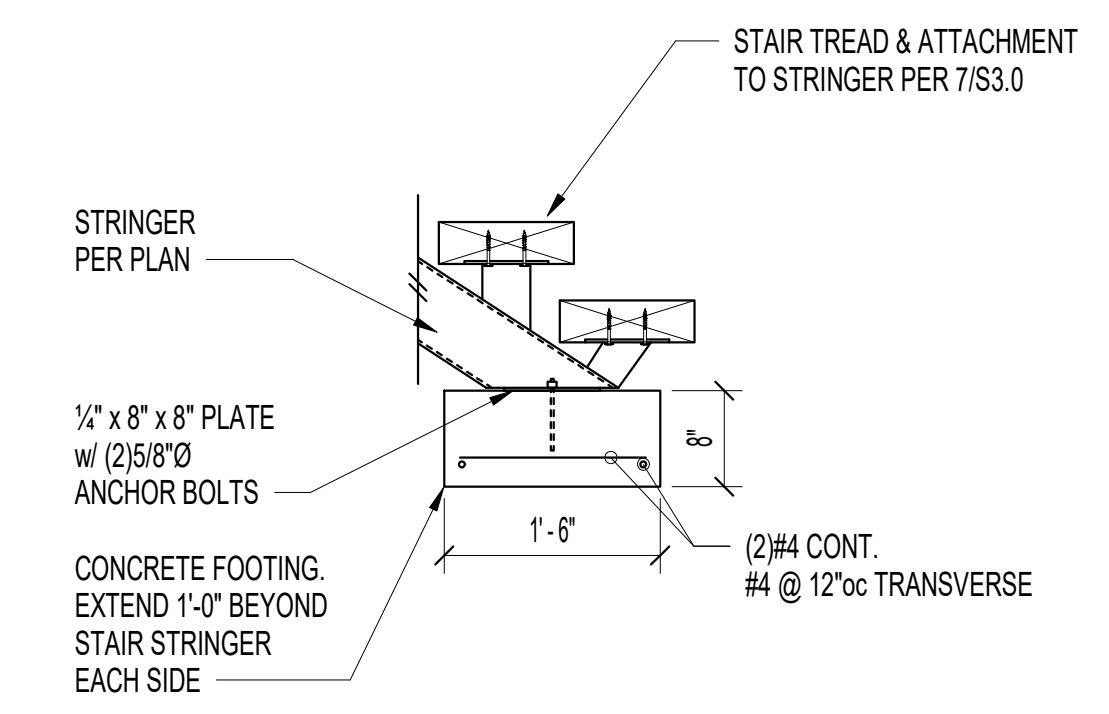
**S2.0**

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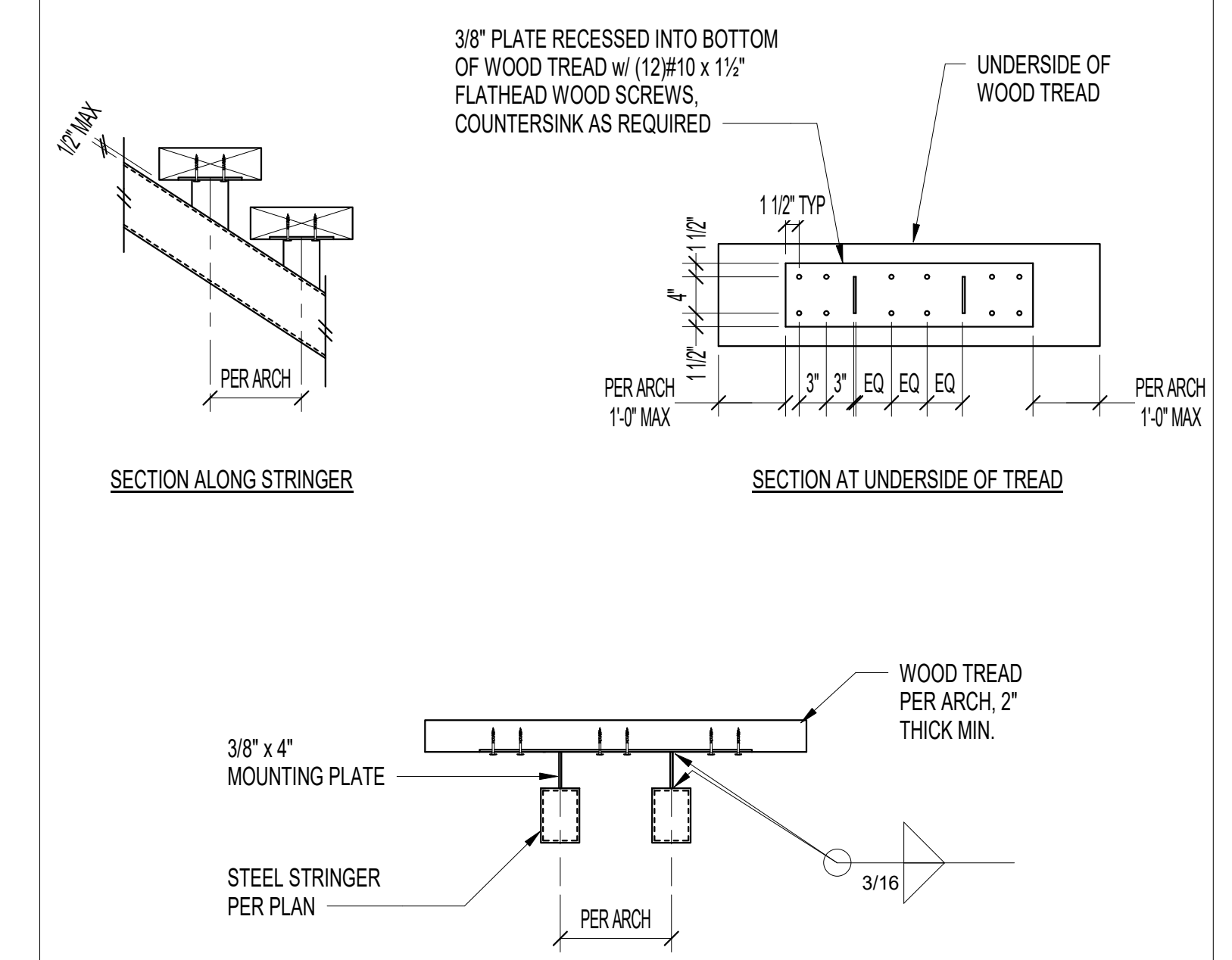
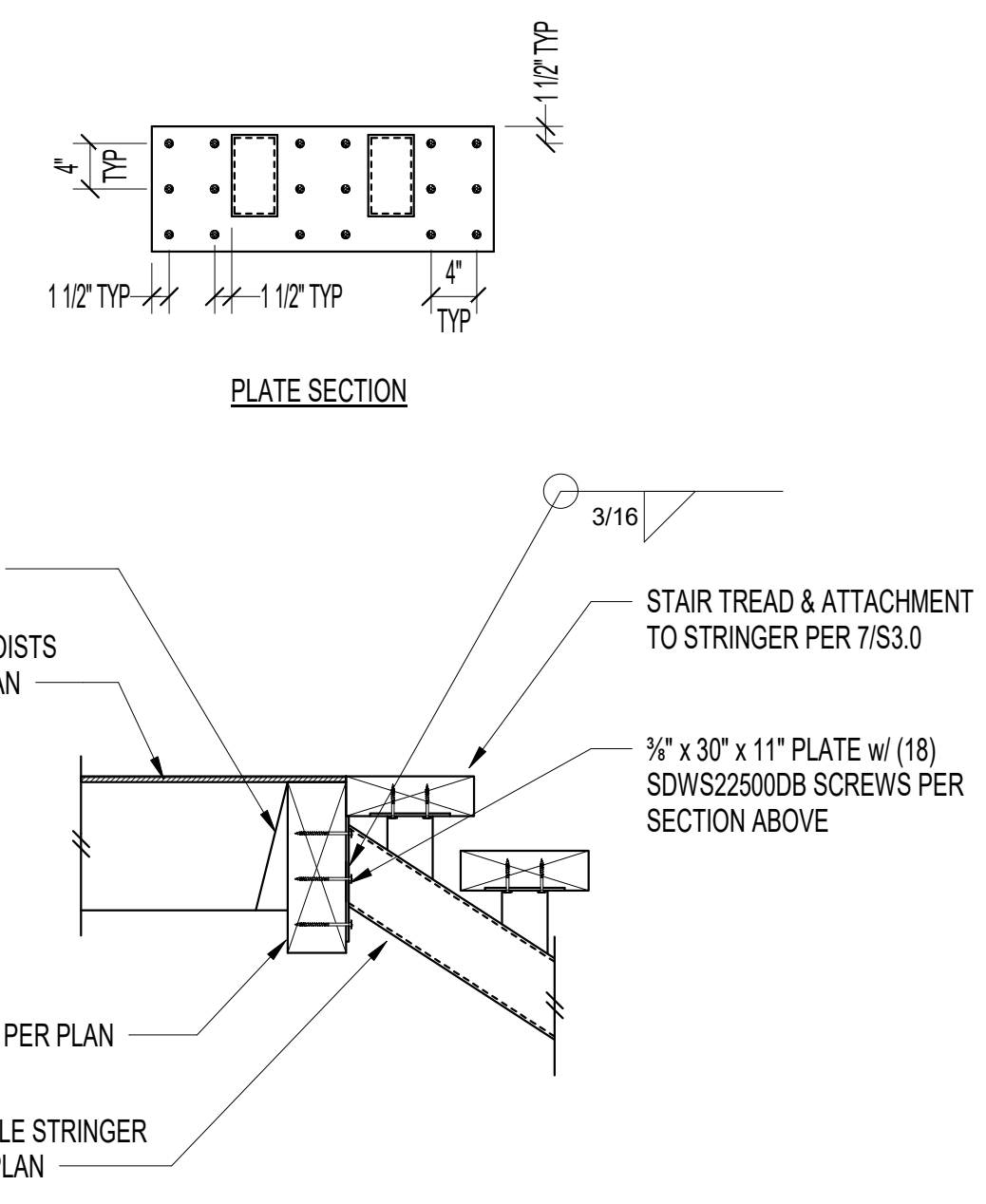
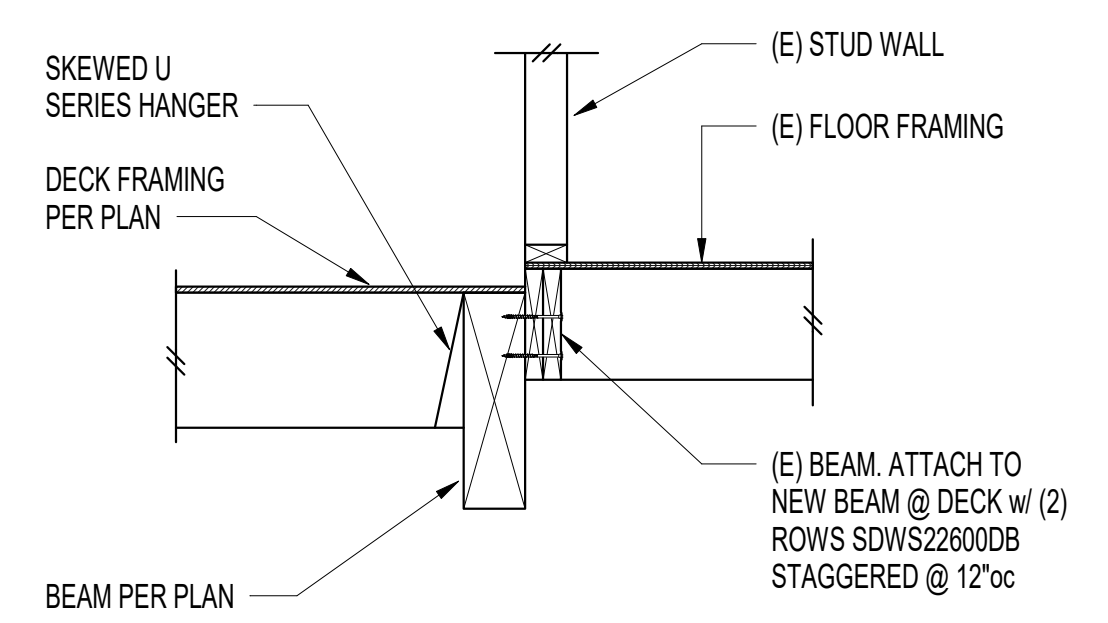


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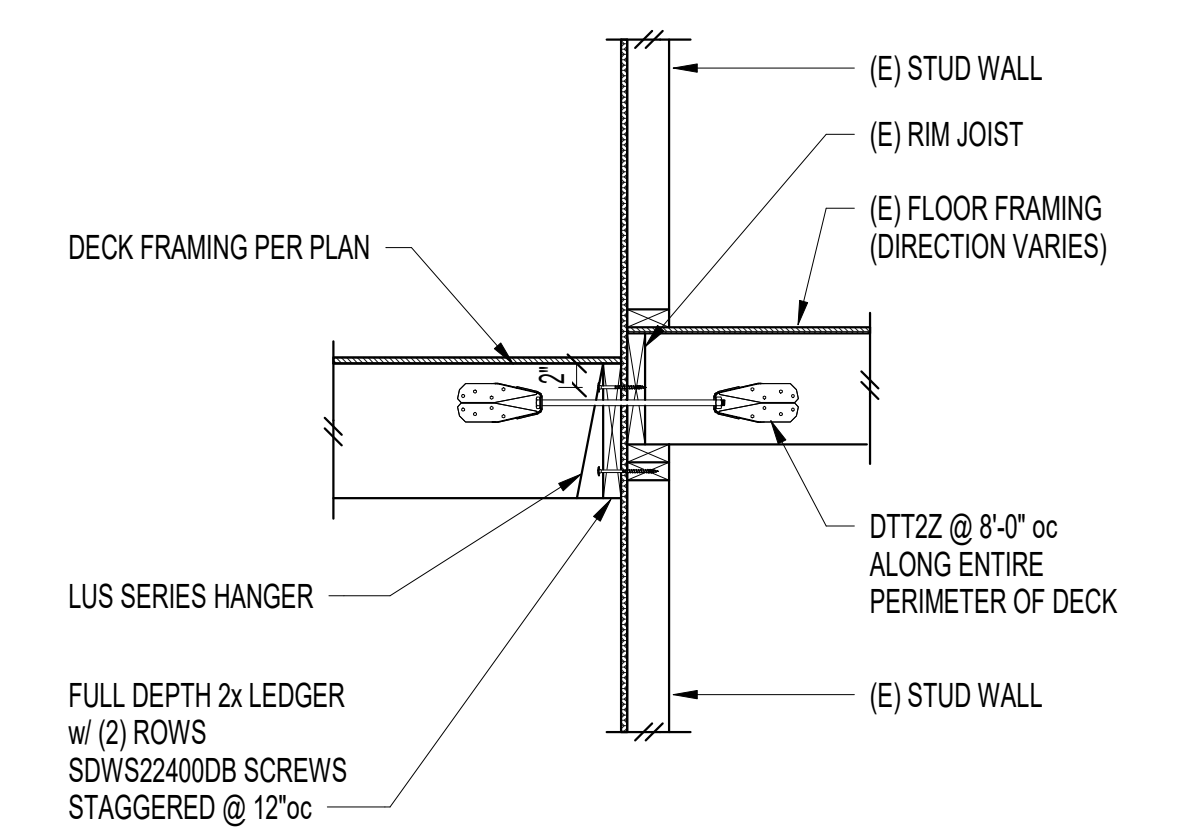
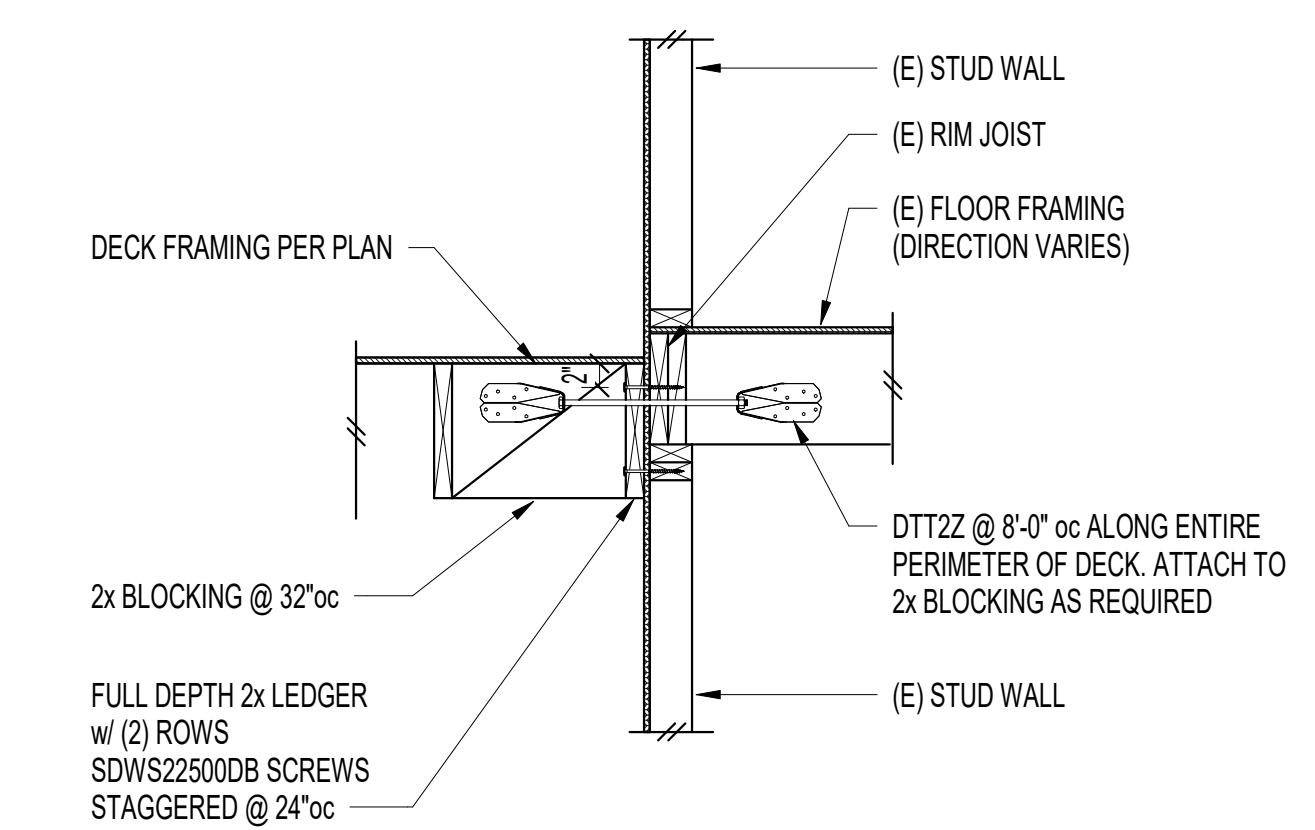
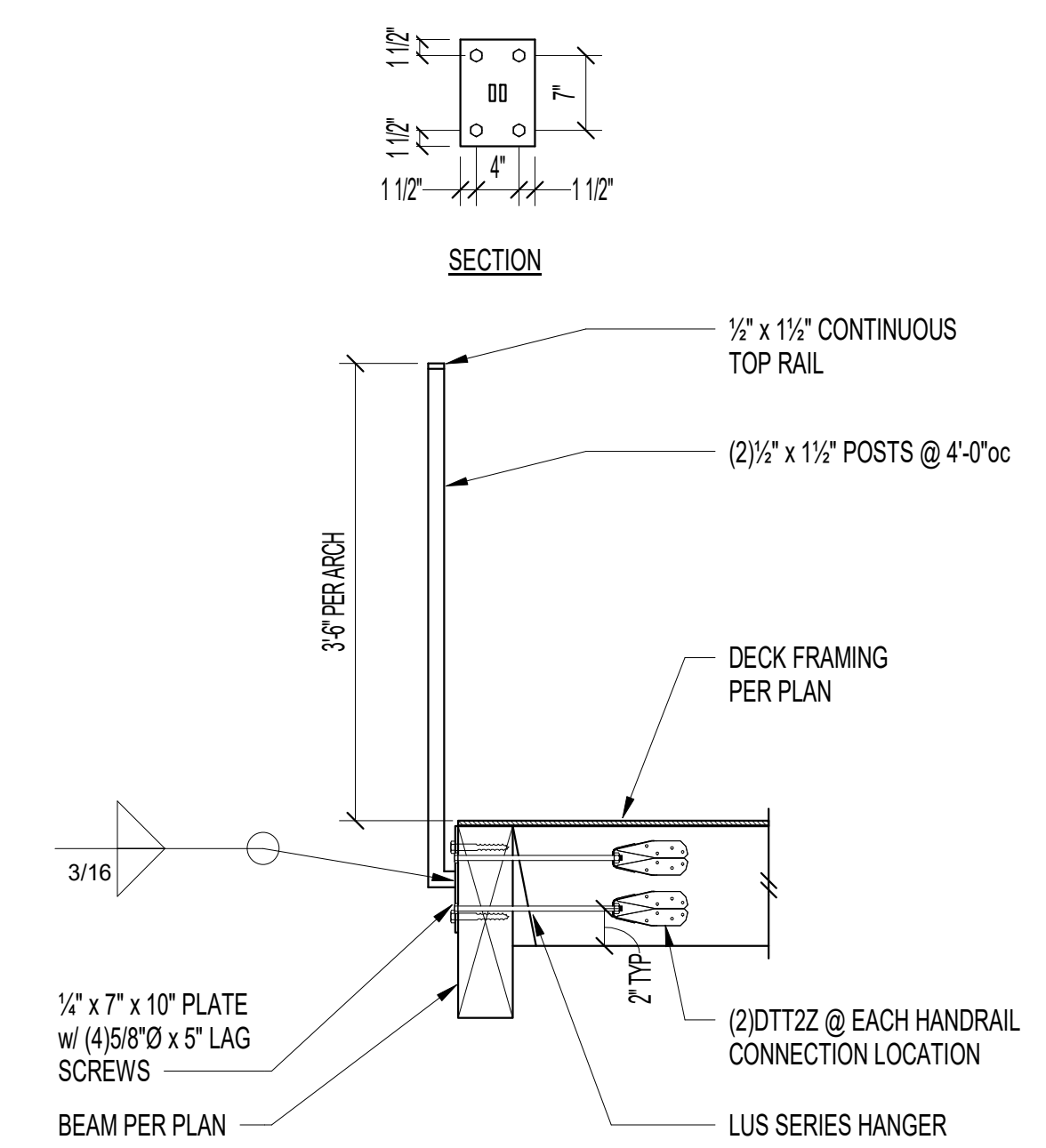
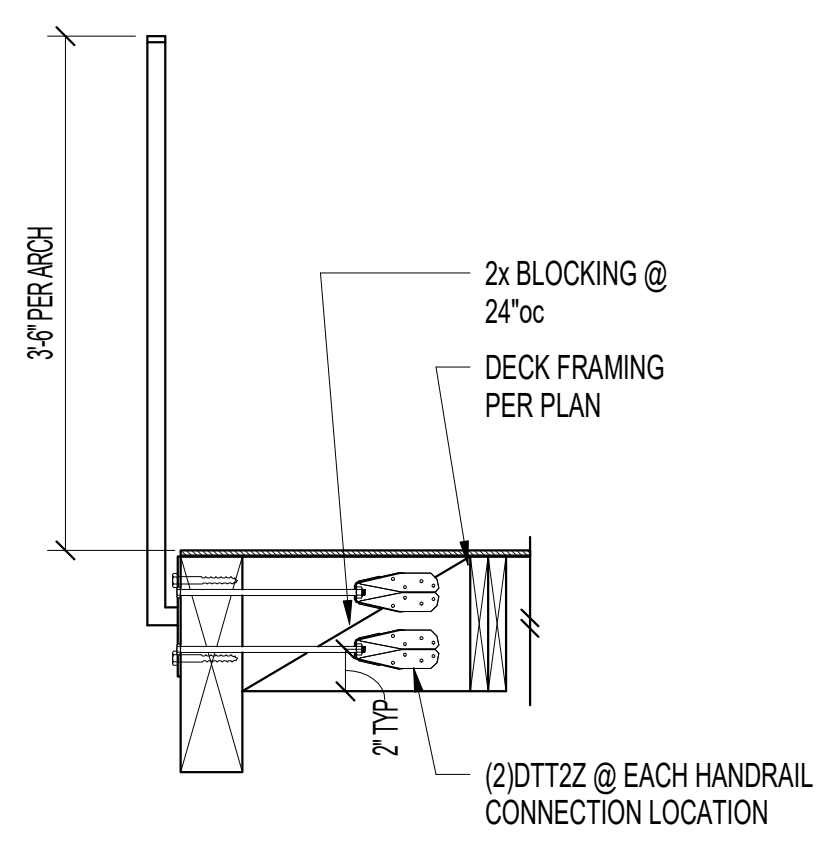
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8



REFER TO 10/S3.0 FOR  
 CALLOUTS IN COMMON



9

10

11

12

SEAL:

NO.	DESCRIPTION	DATE
1	REV. COMMENTS FROM CITY	04.10.24

03.13.24
3/4" = 1'-0"

**S3.0**