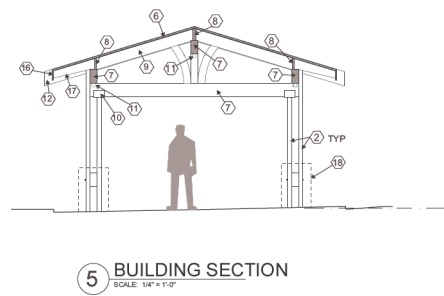
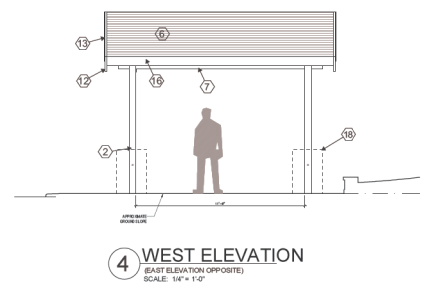
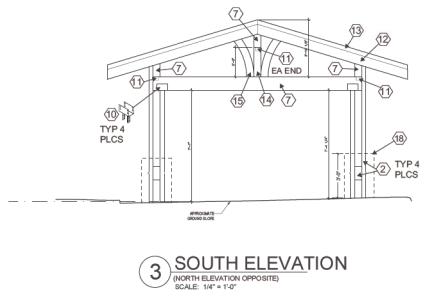
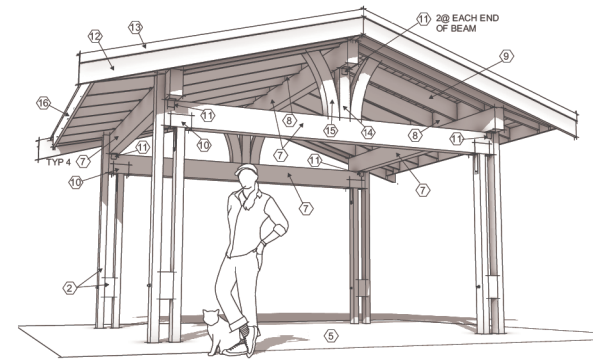
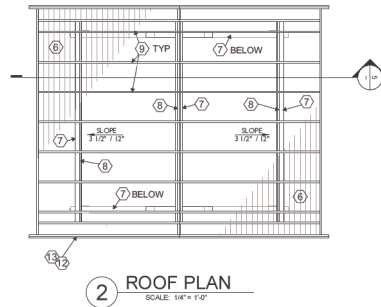


PROJECT DESCRIPTION
MOVE EXISTING, NON-PERMITTED TIMBER FRAME PERGOLA APPROXIMATELY 7'-8" NE TO COMPLY WITH MIN. 20'-0" FRONT YARD SETBACK, PER BUILDING INSPECTOR'S DIRECTION. EXISTING CONSTRUCTION HAS BEEN ACCURATELY MEASURED, REVIEWED BY A STRUCTURAL ENGINEER (REF: STRUCTURAL SHEETS) TO FULLY COMPLY WITH CURRENT STRUCTURAL CODE. REFERENCE SITE PLAN FOR EXACT LOCATION ON PROPERTY. NOTE THAT THE RELOCATION WILL CONFLICT WITH THE EXISTING LANDSCAPE STAIRS WHICH WILL NEED TO BE REDESIGNED & RELOCATED ALSO.



- KEYNOTES**
- ① TEMPORARY POST BRACKET. RELOCATE STRUCTURE PER SITE PLAN. REMOVE BRACKET AND MOUNT POSTS PER STRUCTURAL (4 PLACES).
 - ② DOUBLE 4X6 WOOD COLUMNS SPACED 5 1/2" APART (4 PLACES). NOTE ON N-S ELEVATIONS THAT THE COLUMNS ARE CONNECTED WITH A 6X6X11 1/4" WOOD BLOCK AT THE BOTTOM. (TEMPORARY CONNECTION - REF: STRUCTURAL)
 - ③ EDGE OF ROOF - REF: ROOF PLAN.
 - ④ ROOF RIDGE - REF: ROOF PLAN.
 - ⑤ EXISTING STONE PATIO.
 - ⑥ 1 1/2"x5" T&G DECKING.
 - ⑦ 6X12 BEAM
 - ⑧ 2X BLOCKING BETWEEN JOISTS
 - ⑨ 2X10 JOISTS @ 24" OC
 - ⑩ SIMPSON CC64 POST CAP (4 PLACES)
 - ⑪ SIMPSON OHA33 ORNAMENTAL ANGLE (12 PLACES)
 - ⑫ 2X10 GABLE END TRIM
 - ⑬ 1X4 TRIM
 - ⑭ 6X6 KING POST
 - ⑮ CURVED DECORATIVE BRACE - 5 1/2" THICK
 - ⑯ 2X8 TRIM AT RAFTER ENDS
 - ⑰ ANGLE CUTS ON END OF RAFTERS
 - ⑱ NOTE: COLUMN BASE TO BE COVERED W/STONE VENEER PLINTH.

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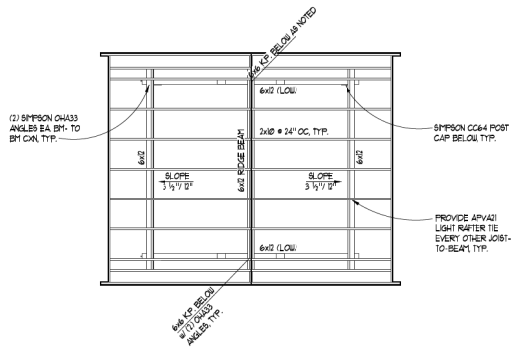
Mercer Island Pergola

8636 N Mercer Way
Mercer Isl, WA 98040



PERMIT SUBMIT

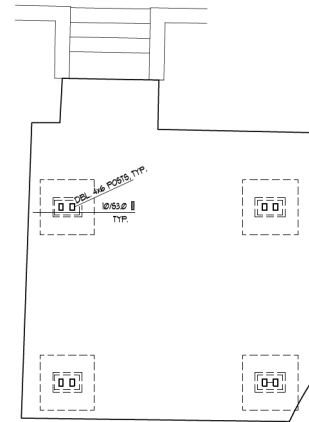
1/8" = 1'-0"



PLAN NOTES

1. NEW ROOF DIAPHRAGM SHALL BE 1/2" CDX PLYWOOD w/ MN PANEL INDEX OF 2449, WITH @12" x 25" NAILS AT:
 - 6"oc AT ALL DIAPHRAGM BOUNDARIES AND SHEAR WALLS
 - 6"oc AT ALL SUPPORTED PANEL EDGES (UNBLOCKED)
 - 12"oc AT FIELD

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



PLAN NOTES

1. [Symbol] INDICATES NEW POST AND PAD FOOTING.
2. SEE S-4EET 53.0 FOR TYPICAL CONCRETE DETAILS

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



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Pergola**

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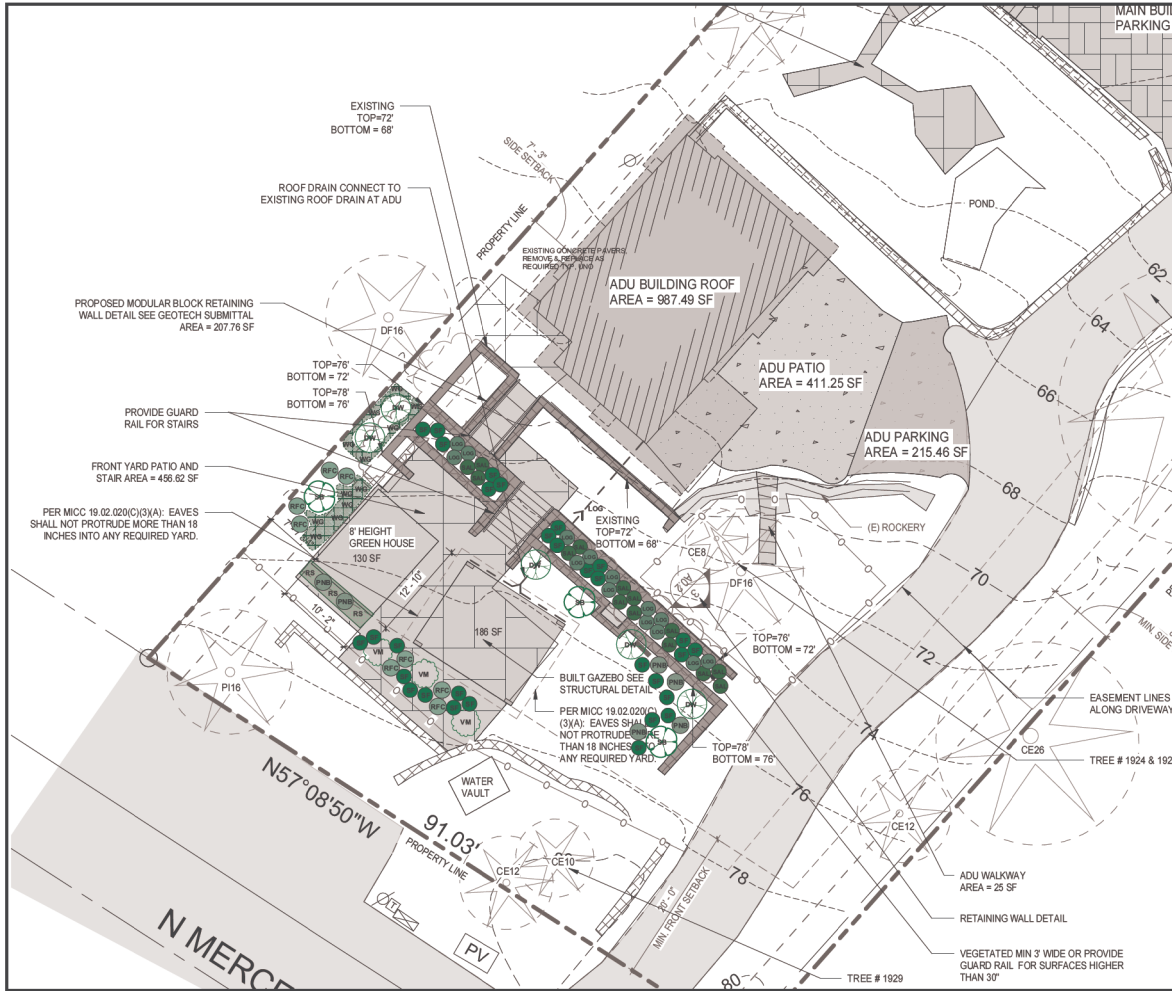
T-16-34 PERRIT SUBMITTAL

FIRST FLOOR /
FOUNDATION
PLAN

EXHIBITION STAMP

S2.0

LANDSCAPE PLANTING PLAN



PLANT LEGEND

SYM	SPECIES	QTY	SIZE	SPACING
DW	PACIFIC DOGWOOD <i>CORNUS NUTTALLII</i>	5	5 GAL. / B&B	10-15' O.C.
VM	VINE MAPLE <i>ACER CIRCINATUM</i>	3	5 GAL.	10-12' O.C.
SB	SERVICEBERRY <i>AMELANCHIER ALNIFOLIA</i>	3	5 GAL.	8-10' O.C.
RFC	RED-FLOWERING CURRANT <i>RIBES SANGUINEUM</i>	8	2 GAL.	4-5' O.C.
PNB	PACIFIC NINEBARK <i>PHYSOCARPUS CAPITATUS</i>	6	2 GAL.	4-5' O.C.
LOG	LOW OREGON GRAPE <i>MAHONIA NERVOSA</i>	14	1 GAL.	3-4' O.C.
SAL	SALAL <i>GAULTHERIA SHALLON</i>	14	1 GAL.	3-4' O.C.
SF	SWORD FERN <i>POLYSTICHUM MUNITUM</i>	30	1 GAL.	2-3' O.C.
WJ	WILD GINGER <i>ASARUM CAUDATUM</i>	60	4' POT	12" O.C.
RO	REDWOOD SORREL <i>OXALIS OREGANA</i>	60	4' POT	12" O.C.

PLANT COVER CALCULATIONS

GROUNDCOVERS: 120 SQUARE FEET

SHRUBS: 884 SQUARE FEET

TREES: 1,039 SQUARE FEET

TOTAL PLANT COVER PROVIDED: 2,043 SQUARE FEET

AREA OF DISTURBANCE: 2,000 SQUARE FEET



SCALE
1/8" = 1'0"

PROJECT DESCRIPTION

RESPONSE TO CE23-0004. PROPOSED TO RE-LANDSCAPE DISTURBED AREAS TO MEET REQUIREMENTS OF MICC 19.07.160(B)(2)(d).

AREA OF DISTURBANCE EQUAL TO 2,000 SQUARE FEET.

SUMMARY OF ECOLOGICAL FUNCTIONS

REPLANTING THE DISTURBED AND BARE SOIL WITH NATIVE VEGETATION AS PROPOSED HELPS STABILIZE SOIL, IMPROVE WATER INFILTRATION, AND REDUCE EROSION. IT ALSO RESTORES HABITAT FOR WILDLIFE, SUPPRESSES INVASIVE SPECIES, AND SUPPORTS BIODIVERSITY. ADDITIONALLY, THE VEGETATION ENHANCES AIR QUALITY, MODERATES TEMPERATURES, AND CONTRIBUTES TO THE OVERALL ECOLOGICAL HEALTH OF THE AREA.

MAINTENANCE NOTES

1) INSTALL PERMANENT DRIP IRRIGATION SYSTEM. WATER DURING DRY SEASON FOR 2-3 YEARS (MAY - SEPTEMBER).

2) MAINTAIN TWO TIMES PER YEAR FOR A PERIOD OF 3 YEARS AS FOLLOWS:

a) REMOVE COMPETING WEEDS AND RE-MULCH AS NEEDED

b) REPLACE DEAD PLANTS (80% SURVIVAL GOAL)

PLANTING NOTES

1) PLANTING SELECTIONS SHALL BE PACIFIC NORTHWEST NATIVE SPECIES. NO CULTIVARS OR HYBRIDS ARE ALLOWED.

2) AREAS THAT HAVE BEEN CLEARED, GRADED, OR COMPACTED ARE TO BE AMENDED WITH ORGANIC MATTER PRIOR TO PLANTING. MULCH, SUCH AS WOOD CHIPS, SHOULD BE ADDED TO A 3" THICKNESS OVER THE ENTIRE PLANTING AREA WITHOUT COVERING THE STEMS OF PLANTS.

3) TIMING: INSTALL DURING DORMANT SEASON (LATE OCTOBER TO EARLY MARCH) IF POSSIBLE.

4) WATER IMMEDIATELY AFTER PLANTING.

8636 N MERCER WAY RESIDENCE
8636 N MERCER WAY, MERCER ISLAND, WA

LANDSCAPE PLANTING PLAN

CASCARA TREE CONSULTING
KATIE HOGAN, PN-8078A
QUALIFIED TREE RISK ASSESSOR



PREPARED:
5/28/2025
Revised 9/29/2025

SHEET NO.

L-01